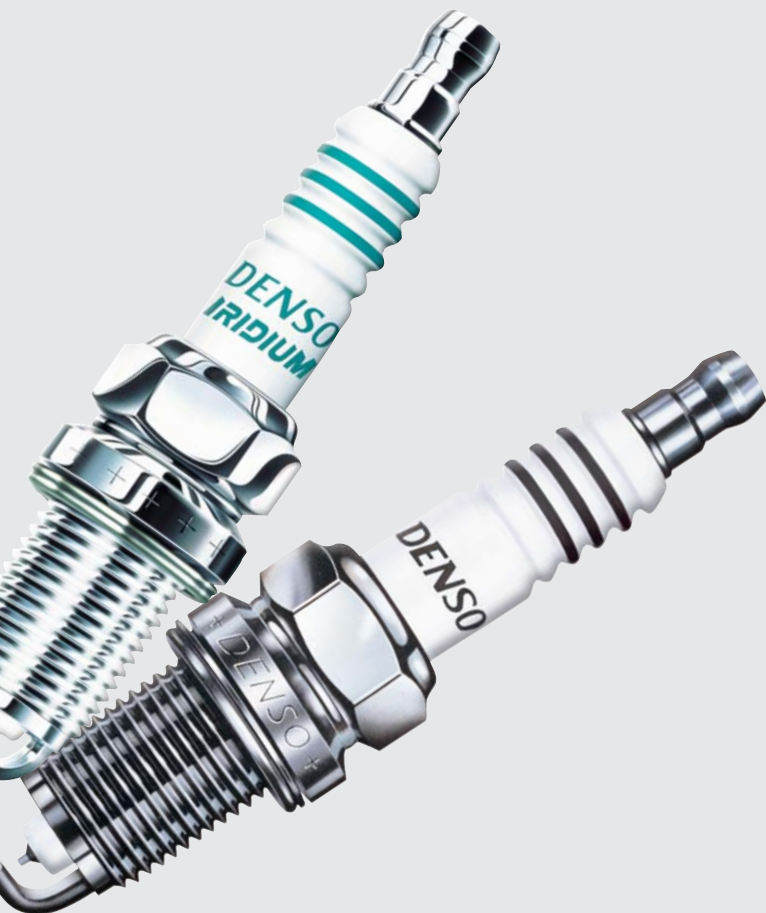




2008

Candele d'accensione
Spark plugs
Zündkerzen
Bougies d'allumage
Bujías de encendido
Velas de ignição





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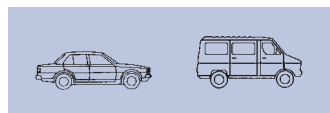
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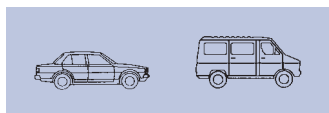
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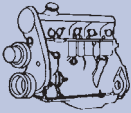
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
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Potenza motore
Engine power
Motorleistung
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Potencia motor
Potencia do motor



Motore
Engine
Motor
Moteur
Motor
Motor



Anno di produzione
Manufacturing year
Baujahr
Date de fabrication
Año de fabricación
Ano de fabricação

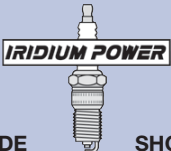


Distanza tra gli elettrodi
Gap
Elektrodenabstand
Ecart entre électrodes
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Distancia entre os electrodos



CODE **SHORT**

Codice candela
Spark plug reference
Zündkerze Nr.
Référence bougie
Código de la bujía
Código da vela



CODE **SHORT**

Codice candela "IRIDIUM"
"IRIDIUM" spark plug reference
"IRIDIUM" Zündkerze Nr.
Référence bougie "IRIDIUM"
Código de la bujía "IRIDIUM"
Código da vela "IRIDIUM"

NOTE

Note
Note
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Notes
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Notas

DENSO**MAGNETI
MARELLI****ABBREVIAZIONI DEL CATALOGO****I**

AT	: Trasmissione automatica
Cam. cover	: Albero a camme / coperchio valvola
Carb.	: Carburatore
Cat.	: Convertitore catalitico
cc	: Centimetro cubo
CDI	: Accensione a scarica capacitiva
C.I.D.	: Cilindrata in pollici cubi
CIH	: Albero a camme in testa
City driving	: Guida urbana (carico leggero)
Compr.	: Compressore
cu.in	: Pollice cubo
Cyl.	: Cilindro
DOHC	: Doppio albero a camme in testa
EFl,i,INJ,i.e.	: Iniezione elettronica carburante
EGR	: Ricircolo gas di scarico
Eng.	: Motore
Exc.	: Eccetto
Exhaust side	: Lato scarico
Fast driving	: Alta velocità For this engine there are two different spark plugs per cylinder required
Front bank	: Fila anteriore cilindri
FI	: Iniezione carburante
Green	: Adesivo verde su bobina di accensione (per VW)
Grey	: Adesivo grigio su bobina di accensione (per VW)
Hb.	: Portellone posteriore
HC	: Alta compressione
Hi Perf.	: Alte prestazioni
Ign.	: Accensione
Inlet side	: Lato aspirazione
UPP, JPP	: Produzione britannica, produzione giapponese
Lb.	: Con portellone posteriore
LC	: Bassa compressione
LHD	: Guida a sinistra
Leaded fuel	: Benzina con piombo
Leanburn	: Combustione magra
LPG	: Gas di petrolio liquefatto
L, Ltr.	: Litro
Mag.	: Magnete
mm	: Millimetro
Mot.	: Motore
Mpi	: Iniezione multipoint
OHC	: Camma in testa
OHV	: Valvola in testa
Org. Nr.	: Numero d'organizzazione (numerazione di produzione Citroën/Peugeot)
Outside Europe	: Paesi extraeuropei
Rear bank	: Fila posteriore cilindri
Rotary engine	: Motore rotativo
Std.	: Standard
Spi	: Iniezione single point
Turbo	: Turbocompresso
8V, 16V,..V	: Motore a 8, 16, ... valvole
16V	: Motore a 16 valvole
VV	: Venturi a sezione variabile
VVT	: Tempo operativo della valvola variabile
2V	: Carburatore doppio corpo
W/O	: Senza
W/W	: Con o senza
2 Way Cat.	: Convertitore catalitico senza controllo

CATALOGUE ABBREVIATIONS**GB**

AT	: Automatic Transmission
Cam. cover	: Canshaft/Valve cover
Carb.	: Carburettor
Cat.	: Catalytic convertor
cc	: Cubic Centimetre
CDI	: Capacitor Discharge Ignition
C.I.D.	: Cubic Inch Displacement
CIH	: Camshaft in head
City driving	: City driving (light load)
Compr.	: Supercharger
cu.in	: Cubic Inch
Cyl.	: Cylinder
DOHC	: Double OverHead Camshaft
EFl,i,INJ,i.e.	: Electronic fuel injection
EGR	: Exhaust Gas Recirculation
Eng.	: Engine
Exc.	: Except
Exhaust side	: Exhaust side
Fast driving	: Fast driving For this engine there are two different spark plugs per cylinder required
Front bank	: First row of cylinders
FI	: Fuel Injection
Green	: Green sticker on ignition coil (For Volkswagen)
Grey	: Grey sticker on ignition coil (For Volkswagen)
Hb.	: Hatchback
HC	: High Compression
Hi Perf.	: High Performance
Ign.	: Ignition
Inlet side	: Intake side
UPP, JPP	: U.K, Japan -Production
Lb.	: Liftback
LC	: Low Compression
LHD	: Left Hand Drive
Leaded fuel	: Leaded fuel
Leanburn	: Lean burn
LPG	: Liquefied Petroleum Gas
L, Ltr.	: Litre
Mag.	: Magnet
mm	: Milimetre
Mot.	: Motor or Engine
Mpi	: Multi Point injection
OHC	: Overhead Cam
OHV	: Overhead Valve
Org. Nr.	: Organisation number (Citroën/Peugeot production numbering)
Outside Europe	: Non-European countries
Rear bank	: Back row of cylinders
Rotary engine	: Rotary engine
Std.	: Standard
Spi	: Single Point injection
Turbo	: Turbo charged
8V, 16V,..V	: 8, 16, .. Valve engine
16V	: 16 Valve engine
VV	: Variable venturi
VVT	: Variable Valve Timing
2V	: Two stage carburettor
W/O	: Without
W/W	: With or without
2 Way Cat.	: Catalytic converter without control


IM KATALOG VERWENDETE ABKÜRZUNGEN **D**

AT	: Automatikgetriebe
Cam. cover	: Zylinderkopfdeckel
Carb.	: Vergaser
Cat.	: Katalysator
cc	: Kubikzentimeter
CDI	: Hochspannungs-Kondensatorzündung
C.I.D.	: Hubraum in Kubikzoll
CIH	: Nockenwelle im Zylinderkopf
City driving	: Stadtverkehr (leichte Belastung)
Compr.	: Kompressor
cu.in	: Kubikzoll
Cyl.	: Zylinder
DOHC	: doppelte obenliegende Nockenwelle
EFI,i,INJ,i.e.	: Elektronisch gesteuerte Benzineinspritzung
EGR	: Abgasrückführung
Eng.	: Motor
Exc.	: Ausgenommen
Exhaust side	: Auslaßseite
Fast driving	: Schnelle Fahrt For this engine there are two different spark plugs per cylinder required
Front bank	: Erste Reihe Zylinder
FI	: Kraftstoffeinspritzung
Green	: Grüner Aufkleber auf Zündspule (für VW)
Grey	: Grauer Aufkleber auf Zündspule (für VW)
Hb.	: Heckklappe
HC	: Hohe Verdichtung
Hi Perf.	: Hochleistung
Ign.	: Zündung
Inlet side	: Einlaßseite
UPP, JPP	: U.K, Japanproduktion
Lb.	: Fließheck
LC	: Niedrige Verdichtung
LHD	: Linkslenkung
Leaded fuel	: Verbleiter Kraftstoff
Leanburn	: Magermix
LPG	: Flüssiggas
L, Ltr.	: Liter
Mag.	: Magnet
mm	: Millimeter
Mot.	: Elektro- oder Kraftstoffmotor
Mpi	: Mehrpunkteinspritzung
OHC	: Obenliegende Nockenwelle
OHV	: Hängende Ventile
Org. Nr.	: Organisationsnummer ((Citroën/Peugeot produktnummerierung)
Outside Europe	: Außereuropäische Länder
Rear bank	: Hintere Zylinderreihe
Rotary engine	: Kreiskolbenmotor
Std.	: Standard
Spi	: Einpunkteinspritzung
Turbo	: Abgasturboaufladung
8V, 16V,..V	: Motor mit 8, 16, .. Ventilen
16V	: Motor mit 16 Ventilen
VV	: Gleichdruckvergaser
VVT	: Variable Ventilsteuerung
2V	: Rigister Vergaser
W/O	: Ohne
W/W	: Mit oder ohne
2 Way Cat.	: Ungeregelter Katalysator

ABBREVIATIONS DU CATALOGUE **F**

AT	: Transmission automatique
Cam. cover	: Cache arbre à cames/soupapes
Carb.	: Carburateur
Cat.	: Pot catalytique
cc	: Centimètre cube
CDI	: Allumage à décharge de condensateur
C.I.D.	: Cylindrée en pouce cube
CIH	: Arbre à cames en tête
City driving	: Conduite en ville (charge légère)
Compr.	: Compresseur
cu.in	: Pouce cube
Cyl.	: Cylindre
DOHC	: Double arbre à cames en tête
EFI,i,INJ,i.e.	: Injection Electronique de carburant
EGR	: Recirculation des gaz d'échappement
Eng.	: Moteur
Exc.	: Excepté
Exhaust side	: Côté échappement
Fast driving	: Conduite rapide For this engine there are two different spark plugs per cylinder required
Front bank	: Première rangée de cylindres
FI	: Injection de carburant
Green	: Autocollant vert sur la bobine d'allumage (pour VW)
Grey	: Autocollant gris sur la bobine d'allumage (pour VW)
Hb.	: Hayon arrière
HC	: Haute compression
Hi Perf.	: Haut rendement
Ign.	: Allumage
Inlet side	: Côté admission
UPP, JPP	: Production GB/Japon
Lb.	: Version (coupé)
LC	: Basse compression
LHD	: Conduite à gauche
Leaded fuel	: Carburant plombé
Leanburn	: Mélange pauvre
LPG	: Gaz de pétrole liquéfié (GPL)
L, Ltr.	: Litre
Mag.	: Aimant
mm	: Millimètre
Mot.	: Moteur
Mpi	: Injection multi points
OHC	: Came en tête
OHV	: Soupape en tête
Org. Nr.	: Numéro d'organisation (numéro de production Citroën/Peugeot)
Outside Europe	: Pays non-européens
Rear bank	: Rangée arrière de cylindres
Rotary engine	: Moteur rotatif
Std.	: Standard
Spi	: Injection monopoint
Turbo	: Chargé par turbo
8V, 16V,..V	: Moteur à 8, 16, .. soupapes
16V	: Moteur à 16 soupapes
VV	: Diffuseur variable
VVT	: distribution à programme variable
2V	: Carburateur double corps
W/O	: Sans
W/W	: Avec ou Sans
2 Way Cat.	: Convertisseur catalytique sans commande


ABREVIATURAS DEL CATALOGO
E

AT	: Transmisión automática
Cam. cover	: Mando del árbol de levas/tapa protectora de válvula
Carb.	: Carburador
Cat.	: Transformador catalítico
cc	: Centímetro cúbico
CDI	: Encendido de descarga del condensador
C.I.D.	: Cilindrada en pulgadas cúbicas
CIH	: Arbol de levas Supercharger
City driving	: Conducción urbana (carga ligera)
Compr.	: Sobrealimentación
cu.in	: Cubic Inch en cabeza
Cyl.	: Cilindro
DOHC	: Doble árbol de levas aéreo
EFI,i,INJ,i.e.	: Inyección electrónica de combustible
EGR	: Recirculación del gas de escape
Eng.	: Motor
Exc.	: Excepto
Exhaust side	: Lado del escape
Fast driving	: Transmisión rápida For this engine there are two different spark plugs per cylinder required
Front bank	: Primera línea de cilindros
FI	: Inyección de combustible
Green	: Etiqueta verde en la bobina de ignición (para VW)
Grey	: Etiqueta gris en la bobina de ignición (para VW)
Hb.	: Hatchback
HC	: Compresión alta
Hi Perf.	: Alto rendimiento
Ign.	: Ignición
Inlet side	: Lado de entrada
UPP, JPP	: Producción Reino Unido, Japón
Lb.	: Liftback
LC	: Baja compresión
LHD	: Lado izquierdo
Leaded fuel	: Combustible con plomo
Leanburn	: Combustible pobre
LPG	: Gas de petróleo licuado
L, Ltr.	: Litro
Mag.	: Magneto
mm	: Milímetro
Mot.	: Motor
Mpi	: Inyección de multipunto
OHC	: Levas superpuestas
OHV	: Válvula en la culata
Org. Nr.	: Número d'organización (numeración de producción Citroën/ Peugeot)
Outside Europe	: Países extracomunitarios
Rear bank	: Última línea de cilindros
Rotary engine	: Motor rotativo
Std.	: Estándar
Spi	: Inyección unipunto
Turbo	: Cargado por turbo
8V, 16V,..V	: Motor de 8, 16, .. válvulas
16V	: Motor de 16 válvulas
VV	: Carburador de presión variable
VVT	: Reglaje de válvula variable
2V	: Carburador de doble cuerpo
W/O	: Sin
W/W	: Con o sin
2 Way Cat.	: Convertidor catalítico sin control

ABREVIATURAS DO CATÁLOGO
P

AT	: Transmissão automática
Cam. cover	: Eixo de cames / tampa da válvula
Carb.	: Carburador
Cat.	: Conversor catalítico
cc	: Centímetro cúbico
CDI	: Ignição com descarga capacitiva
C.I.D.	: Cilindrada em polegadas cúbicas
CIH	: Eixo de cames na ceabeça
City driving	: Condução urbana (carga ligeira)
Compr.	: Compressor
cu.in	: Polegada cúbica
Cyl.	: Cilindro
DOHC	: Eixo duplo de cames na cabeça
EFI,i,INJ,i.e.	: Injecção electrónica do combustível
EGR	: Circulação de gás de escape
Eng.	: Motor
Exc.	: Exceto
Exhaust side	: Lado de descarga
Fast driving	: Alta velocidade For this engine there are two different spark plugs per cylinder required
Front bank	: Fila dianteira dos cilindros
FI	: Injecção do combustível
Green	: Adesivo verde na bobina de ignição (para VW)
Grey	: Adesivo de cor cinza na bobina de ignição (para VW)
Hb.	: Porta da bagageira
HC	: Alta compressão
Hi Perf.	: Altos rendimentos
Ign.	: Ignição
Inlet side	: Lado de aspiração
UPP, JPP	: Produção britânica, produção japonesa
Lb.	: Com porta da bagageira
LC	: Baixa compressão
LHD	: Condução a esquerda
Leaded fuel	: Gasolina com chumbo
Leanburn	: Combustão magra
LPG	: Gás de petróleo liquefeito
L, Ltr.	: Litro
Mag.	: Magneto
mm	: Milímetro
Mot.	: Motor
Mpi	: Injecção multipoint
OHC	: Came na cabeça
OHV	: Válvula na cabeça
Org. Nr.	: Número de organização (numeração de produção Citroen/Peugeot)
Outside Europe	: Países extra europeus
Rear bank	: Fila traseira dos cilindros
Rotary engine	: Motor rotatório
Std.	: Standard
Spi	: Injecção single point
Turbo	: Turbo comprimido
8V, 16V,..V	: Motor a 8, 16, ... válvulas
16V	: Motor a 16 válvulas
VV	: Venturi de secção variável
VVT	: Tempo operacional da válvula variável
2V	: Carburador de corpo duplo
W/O	: Sem
W/W	: Com ou sem
2 Way Cat.	: Conversor catalítico sem controlo



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DENSO



**MAGNETI
MARELLI**

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Caratteristiche tecniche
Specifications
Technische Eigenschaften
Caractéristiques techniques
Características técnicas
Características técnicas



Caratteristiche tecniche de candele DENSO

Isolante

L'isolante è costituito da ossido di alluminio in polvere di elevata purezza, che presenta una grande resistività elettrica e conduttività termica. Un altro vantaggio di questo materiale è dato dalla sua grande resistenza fisica.

Struttura a cinque onde

La struttura a cinque onde previene il flashover, riduce la perdita di tensione ed assicura il 20 % in più di isolamento rispetto alle comuni candele. Di conseguenza, si ha un miglioramento delle prestazioni, soprattutto in caso di bagnato e umidità ed in candele con ampio intervallo interelettrodo funzionanti ad alta tensione. Le nervature sono arrotondate per aumentarne la resistenza alla rottura.

Matrice sigillante speciale in rame-vetro

Una miscela speciale di rame e vetro in polvere lega l'elettrodo centrale e all'isolante per garantire la tenuta ai gas. Questa matrice sigillante presenta un'elevata conduttività elettrica e termica e contribuisce alla distribuzione uniforme del calore. Inoltre, impedisce la fuga dei gas di combustione caldi.

Elettrodo centrale con anima in rame

L'elettrodo centrale è costituito da una lega binaria nichel-cromo resistente all'usura, con un'anima in rame incassata in profondità. Questa configurazione conferisce all'elettrodo centrale un'elevata resistenza al surriscaldamento ed allunga il chilometraggio operativo.

Elettrodo di massa con scanalatura a U

La distanza tra gli elettrodi formata dalla scanalatura a U fornisce uno spazio aggiuntivo per la scintilla. Ciò garantisce al nucleo della fiamma uno spazio maggiore per l'espansione, creando, così, un fronte più ampio e a temperatura più elevata. Il risultato che ne deriva è una combustione più completa.



Characteristics of DENSO spark plug

Insulator

The insulators are made from a highly purified alumina powder, which has exceptional insulation and thermal conductivity. Another advantage of this material is its great physical strength.

Five-rib design

The five-rib design prevents flashover and reduces voltage loss. It offers 20% more insulation than conventional plugs. This improves performance, especially in wet and damp conditions, and in plugs with a large gap operating under high voltage. The ribs are rounded to make them more resistant to breakage.

Special copper-glass seal

A special mixture of copper and glass powder bonds the centre electrode and insulator together for a gastight seal. This seal has high electrical and thermal conductivity, and contributes to an even heat distribution. The seal also prevents escape of hot combustion gases.

Copper-cored centre electrode

The centre electrode is made of a wear-resistant nickel-chrome binary alloy with a deeply inserted copper core. This gives the centre electrode high resistance against overheating and increases the operating range.

U-groove ground electrode

The gap formed by the U-groove provides extra space which is filled by the spark. This gives the flame kernel more room to expand, creating a bigger and hotter flame front. The result is a more complete combustion.



Eigenschaften DENSO Zündkerzen

Isolator

Die Isolatoren sind aus sehr reinem Aluminiumoxidpulver gefertigt, das außergewöhnlich isolierend und wärmeleitend ist. Ein weiterer Vorteil dieses Werkstoffs ist die große physikalische Widerstandsfähigkeit.

Fünfripenmuster

Das Fünfripenmuster verhindert Funkenüberschlag und verringert Spannungsverluste. Es bietet eine um 20% bessere Isolierung als bei normalen Kerzen. Das führt zur Leistungsverbesserung, insbesondere bei Nässe und Feuchtigkeit sowie bei Kerzen mit großem Elektrodenabstand bei hoher Spannung. Die Rippen sind zwecks größerer Bruchbeständigkeit abgerundet.

Spezielle Kupfer-Glas-Verkapselung

Eine spezielle Mischung von Kupfer- und Glaspulver verbindet die Mittelelektrode und den Isolator zwecks gasdichter Verkapselung. Diese Verkapselung hat hohe elektrische und thermische Leitfähigkeit und trägt zur gleichmäßigen Wärmeverteilung bei. Die Versiegelung verhindert zugleich das Entweichen heißer Verbrennungsgase.

Mittelelektrode mit Kupferkern

Die Mittelelektrode besteht aus einer verschleißbeständigen Nickel-Chrom-Doppellegerung mit einem tief eingesetzten Kupferkern. Dadurch ist die Mittelelektrode sehr beständig gegen Überhitzung, und zugleich nimmt so der Betriebsbereich zu.

U-Rille-Masseelektrode

Der Elektrodenabstand, der durch die U-Rille gebildet wird, sorgt für zusätzlichen Raum, der vom Funken ausgefüllt wird. Dadurch bekommt der Flammkern mehr Raum zur Ausdehnung, so daß eine größere und wärmere Flammenfront entsteht. Das Resultat ist eine vollständigere Verbrennung.





F

Características dos bujias DENSO

Isolant

Les isolants sont constitués d'une poudre d'alumine hautement purifiée, qui procure une exceptionnelle résistance diélectrique et une conductivité thermique jusqu'aux températures les plus élevées, ainsi qu'une forte résistance mécanique.

Forme à cinq nervures

Le design à cinq nervures empêche l'arc électrique, réduit les pertes de tension et offre une isolation supérieure de 20% aux bougies conventionnelles. Cette amélioration de performance est particulièrement significative pour des bougies avec un écartement des électrodes important, fonctionnant sous des tensions élevées.

Scellement spécial cuivre-verre

Un mélange spécial de cuivre et de poudre de verre lie l'électrode centrale à l'isolant de façon hermétique. Ainsi, les gaz chauds de combustion ne pouvant s'échapper, la température idéale est maintenue.

Electrode centrale à âme de cuivre

L'électrode centrale en alliage nickelchrome incorpore une âme en cuivre. Celle-ci permet une meilleure conductivité thermique et étend la gamme de fonctionnement.

Electrode de masse en "U"

Cette électrode creusée en "U" permet à l'étincelle de combler l'espace formé par le "U". La boule de feu ainsi produite assure un front de combustion plus étendu et plus chaud, et la combustion est ainsi plus complète.

E

Características de las bujias DENSO

Aislante

Los aislantes están compuestos de polvo de aluminio altamente depurado, que proporciona un aislamiento y una conductividad térmica excepcionales. Su gran resistencia física constituye otra ventaja de este material.

Diseño de cinco nervaduras

El diseño de cinco nervaduras impide la descarga disruptiva y reduce la pérdida de tensión. Proporciona un 20% más de aislamiento que las bujías convencionales, lo que mejora la transmisión, especialmente bajo condiciones húmedas, y en bujías con un gran entrehierro que funcionan bajo alta tensión. Las nervaduras son redondeadas para una mayor resistencia a rupturas.

Cierre especial de cobre-cristal

Una mezcla especial de cobre y polvo de cristal conecta el electrodo central con el aislante proporcionando un cierre impermeable a los gases. Este cierre tiene una alta conductividad térmica y eléctrica, y contribuye a una distribución térmica plana. El cierre impide, asimismo, el escape de los gases de combustión calientes.

Electrodo central con núcleo de cobre

El electrodo central está compuesto de una aleación binaria de níquel y cromo resistente al desgaste, con un núcleo de cobre de inserción profunda, lo que proporciona al electrodo central una alta resistencia al sobrecalentamiento y un mayor margen de funcionamiento.

Electrodo de masa de ranura en U

El entrehierro formado por la ranura en U proporciona un espacio extra que está llenado por la chispa. El núcleo de llama tiene más espacio para expandirse, creando un mayor y más caliente frente de llama. El resultado es un mayor rendimiento de combustión.

P

Características técnicas das bujias DENSO

Isolante

O isolante é constituído de óxido de alumínio em pó de elevada pureza, que apresenta uma maior resistividade eléctrica e condutividade térmica. Uma outra vantagem deste material é a sua grande resistência física.

Estrutura de cinco ondas

A estrutura de cinco ondas previne o flashover e reduz a perda de tensão e assegura o 20% a mais de isolamento em relação às velas comuns. De consequência, se há um melhoramento dos rendimentos, principalmente em caso de banhado e humidade e em velas com amplo intervalo inter-eléctrodo em função de alta tensão. As nervuras são arredondadas para aumentar a resistência à ruptura.

Matriz de vedação especial em cobre-vidro

Uma mistura especial de cobre e vidro em pó liga o eletrodo central ao isolante para garantir a retenção aos gases. Esta matriz de vedação apresenta uma elevada condutividade eléctrica e térmica e contribui à distribuição uniforme do calor. Além disso, impede a fuga dos gases de combustão quentes.

Eléctrodo central com alma de cobre

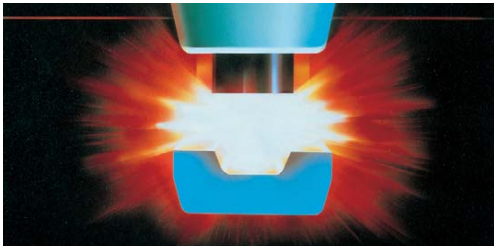
O eléctrodo central é constituído de uma liga binária de níquel - cromo resistente ao desgaste, com uma alma de cobre encaixada em profundidade. Esta configuração dá ao eletrodo Central uma elevada resistência ao aquecimento excessivo e prolonga a quilometragem operativa.

Eléctrodo de massa com estria a forma de U

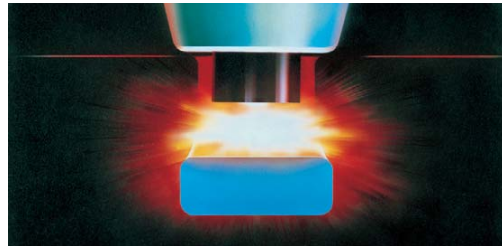
À distância dentre os eléctrodos formada pela estria a forma de U dá um espaço adicional para a faísca. Iso garante ao núcleo da chama um espaço maior para a expansão, criando, assim, uma frente mais ampla e a temperatura mais elevada. O resultado que deriva é uma combustão mais completa.



U-groove plug



Conventional plug



I Scalettura ad U (U-groove)

Una delle più importanti caratteristiche delle candele DENSO è l'esclusivo elettrodo di massa con scanalatura ad U. Questo elettrodo offre:

- Migliori prestazioni di accensione
La scanalatura ad U ha due bordi affilati invece di una singola superficie piana. Analogamente al lampo, la scintilla scocca nel punto più alto e più vicino.
- Maggiore risparmio di carburante
La scanalatura ad U consente di bruciare miscele più magre, senza mancate accensioni.
- Funzionamento più regolare del motore
La scintilla ed il fronte di fiamma non sono confinati tra gli elettrodi e quindi generano un fronte più esteso.
- Emissioni ridotte
La scanalatura ad U fornisce lo stesso risultato che si avrebbe con un intervallo interelettrodo più grande di quello normale.

La maggior parte dell'usura è localizzata sull'elettrodo centrale a causa della direzione della scintilla. Per la fabbricazione dell'elettrodo centrale si usa quindi una lega nichel-cromo con anima in rame di elevata qualità. La scanalatura ad U è ricavata sull'elettrodo di massa, dove l'usura è minima ed i conseguenti vantaggi perdurano per tutta la vita utile. La scanalatura ad U è caratteristica della maggior parte delle candele DENSO, essendo utilizzata in oltre 300 tipi.

GB U-groove

One of the most important features of DENSO spark plugs is the unique U-groove ground electrode. The U-groove provides:

- improved ignition performance
The U-groove has two sharp edges instead of just one flat surface. Like lightning, the spark always strikes the highest and nearest point.
- better fuel economy
The U-groove can ignite leaner mixtures, avoiding misfiring.
- smoother running of the engine
The spark and flamefront are not squashed between the electrodes, and therefore create a bigger flamefront.
- reduced emissions
The U-groove has the effect of a bigger spark gap, while maintaining the standard gap.

When a spark plug is used, most of the wear takes place on the centre electrode. This is due to the direction of the spark. The centre electrode is therefore made from a highquality copper-cored nickel-chrome alloy. The U-groove is located on the ground electrode because this is the place that is least affected by wear, ensuring that the benefits of the U-groove last the entire lifetime of the spark plug. The U-groove is a standard feature of most DENSO spark plugs. There are over 300 spark plug types with U-groove.

D U-Rille

Eines der wesentlichsten Merkmale der DENSO-Zündkerzen ist die einzigartige U-Rillen-Masseelektrode. Die U-Rille sorgt für:

- verbesserte Zündung
Die U-Rille hat zwei scharfe Ränder statt nur einer glatten Oberfläche. Wie beim Blitz springt der Funke immer auf den höchsten und nächstgelegenen Punkt über.
- vorteilhafteren Kraftstoffverbrauch
Die U-Rille kann eine magere Mischung leichter zünden, wodurch Fehlzündungen vermieden werden.
- ruhigeren Motorlauf
Funken und Flammenfront stoßen zwischen den Elektroden nicht zusammen, so daß eine größere Flammenfront entsteht.
- reduzierte Emissionen
Die U-Rille hat den Effekt eines größeren Elektrodenabstandes, obwohl der Standardabstand erhalten bleibt.

Bei der Zündkerze gibt es den größten Verschleiß an der Mittelelektrode. Das ist auf die Richtung des Funkens zurückzuführen. Deshalb besteht die Mittelelektrode aus einer hochwertigen Nickel-Chrom-Legierung mit Kupferkern. Die U-Rille befindet sich auf der Masseelektrode, weil diese Stelle dem geringsten Verschleiß unterliegt, wodurch gewährleistet ist, daß die Vorteile der U-Rille sich über die ganze Lebensdauer der Zündkerze erstrecken. Die U-Rille ist ein standardmäßiges Merkmal der meisten DENSO-Zündkerzen. Es gibt mehr als 300 Zündkerzentypen mit U-Rille.



F Gorge en U

L'une des caractéristiques les plus importantes des bougies DENSO est l'électrode de masse unique à gorge en U.

La gorge en U assure :

- un rendement d'allumage amélioré
La gorge en U présente deux arêtes tranchantes au lieu d'une seule surface plane. Comme l'éclair, l'étincelle frappe toujours le point le plus élevé et le plus proche.
- une plus grande économie de carburant
La gorge en U peut enflammer des mélanges plus pauvres, ce qui permet d'éviter les ratés.
- un fonctionnement plus régulier du moteur
L'étincelle et le front de flamme ne sont pas étouffés entre les électrodes, et créent donc un front d'allumage plus important.
- une réduction des émissions
La gorge en U a l'effet d'un écartement d'étincelle plus grand, tout en maintenant l'écartement normal.

Lorsqu'une bougie est usagée, l'usure se trouve principalement au niveau de l'électrode centrale. Ceci est dû à la direction de l'étincelle. L'électrode centrale est donc fabriquée dans un alliage de nickel et de chrome à noyau en cuivre de haute qualité. La gorge en U est située sur l'électrode de masse car c'est l'endroit le moins exposé à l'usure ; ces avantages, liés à la gorge en U, perdurent donc pendant toute la durée de vie de la bougie. La gorge en U est une caractéristique standard sur la plupart des bougies DENSO. Il existe plus de 300 types de bougies possédant une gorge en U.

E Ranura en U

Uno de los tipos de mayor importancia de las bujías DENSO es el único electrodo de masa de ranura en U.

La ranura en U proporciona:

- Funcionamiento de ignición mejorado:
La ranura en U tiene dos bordes de punta afilada en vez de una sola superficie llana. Tal como relámpagos, la chispa siempre alcanzará el punto más alto y cercano.
- Mejor consumo de gasolina
La ranura en U es capaz de inflamar mezclas más pobres e impide fallos de encendido.
- Marcha más suave del motor
La chispa y el frente de llama no se aprietan entre los electrodos, creando un mayor frente de llama.
- Emisiones reducidas
La ranura en U produce un mayor entrehierro de chispa, manteniendo el entrehierro estándar.

Cuando se usa una bujía, la mayor parte del desgaste se realiza en el electrodo central, lo que se debe al rumbo de la chispa. Por eso se ha hecho el electrodo central de una alineación binaria de níquel y cromo con un núcleo de cobre de alta calidad. La ranura en U está localizada en el electrodo de masa porque es precisamente en este lugar donde está menos afectado por el desgaste, lo cual garantiza que las ventajas de la ranura en U durarán toda la vida útil de la bujía. La ranura en U constituye la característica estándar de la mayoría de las bujías DENSO. Hay más de 300 tipos de bujías de ranura en U.

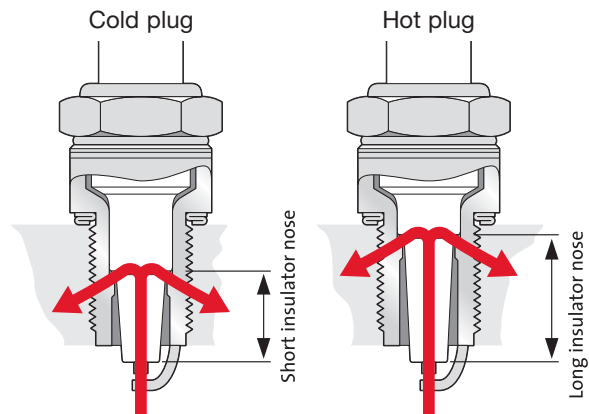
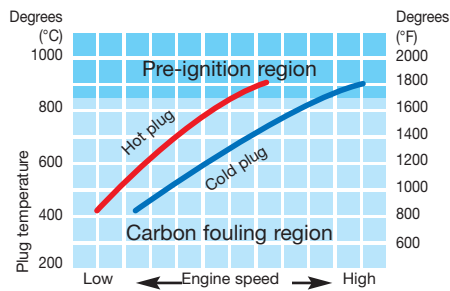
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I Gradazione termica

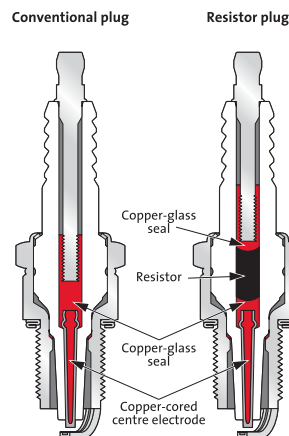
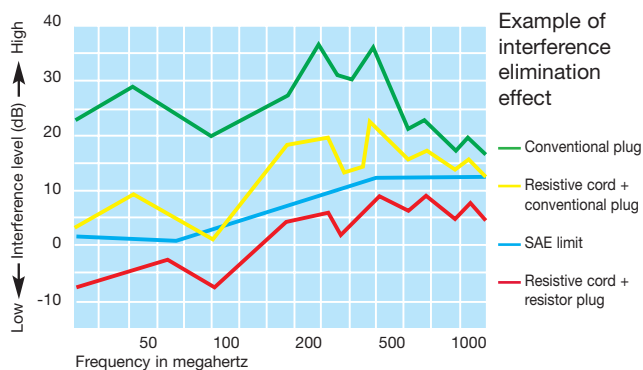
La scelta della giusta candela è decisiva per ottenere prestazioni ottimali dal motore. Ogni modello di motore necessita quindi di un diverso tipo di candela. Per questo motivo, la DENSO offre un'ampia gamma di candele di elevata qualità che copre quasi tutte le applicazioni. Un fattore importante nella scelta è la gradazione termica, che indica la quantità di calore che la candela è in grado di convogliare fuori dalla camera di combustione. Le candele che operano a temperature eccessivamente alte o basse possono causare problemi. Se la candela è ad una temperatura troppo alta, non si raffredda sufficientemente prima che la successiva carica aria-carburante entri nel cilindro ed avvenga la preaccensione. Se è ad una temperatura troppo bassa, i residui carboniosi incrostano gli elettrodi e l'isolante pregiudicandone il funzionamento. La temperatura ideale per l'autopulizia è compresa tra 400° C e 900° C. Per ottimizzare la trasmissione del calore, la DENSO utilizza elettrodi centrali con anima in rame inclusi in una matrice rame-vetro che assicura una connessione a tenuta di gas. Di conseguenza, le candele DENSO presentano un chilometraggio operativo maggiore. Le candele 'calde', cioè quelle con numerazione bassa come il '16', hanno il naso dell'isolante lungo; la distanza di propagazione e la superficie di assorbimento del calore risultano quindi maggiori. Le candele 'fredde', cioè quelle con numerazione alta come il '31', hanno il naso dell'isolante più corto e la superficie di assorbimento meno estesa; il convogliamento del calore alla testa del cilindro è quindi molto più rapido. In generale, le candele 'fredde' sono ideali per lunghe percorrenze, alte velocità o guide prolungate poiché, in queste condizioni, il motore genera un'elevata quantità di calore da smaltire rapidamente al fine di prevenire la preaccensione. Tuttavia, per brevi percorrenze e guide con fermate e ripartenze, le candele 'fredde' non si scaldano a sufficienza per impedire la formazione di incrostazioni; le candele 'più calde' sono quindi preferibili. Il fabbricante del motore stabilisce il corretto valore della gradazione termica.

GB Heat Rag

Choosing the right spark plug is crucial for optimum engine performance. Each engine model therefore needs a different type of plug. For this reason, DENSO offers a wide range of high-quality spark plugs for almost every application. An important factor in spark plug selection is the Heat Range, which describes the amount of heat the spark plug can channel out of the combustion chamber. Spark plugs that operate too hot or too cold can both cause problems. If the spark plug runs too hot, it will not cool down sufficiently before the next fuel-air charge enters the cylinder, and preignition will occur. If it operates too cold, carbon deposits will foul the electrodes and insulator and prevent proper spark plug operation. The ideal operating temperature for self-cleaning is between 400°C and 900°C. To optimise heat transfer, DENSO uses copper-cored centre electrodes embedded in a copper-glass seal which ensures a gastight connection. This gives DENSO spark plugs an increased operating range. 'Hot' spark plugs, or spark plugs with a low number such as '16', have a long insulator nose, creating a longer distance for the heat to travel as well as a larger surface to absorb the heat. 'Cold' spark plugs, or spark plugs with a high number such as '31', have a much shorter insulator nose and a smaller heat absorption surface, channelling the heat to the cylinder head much more quickly. In general, 'cold' plugs are ideal for long distances, high speed or heavy driving, because under these conditions the engine creates a lot of heat that must be dissipated quickly to prevent preignition. However, for short distances and stop-and-go driving, a 'cold' plug may not run hot enough to resist fouling, so a 'hotter' plug is better. The correct value for the heat range is determined by the engine manufacturer.

D Wärmewert

Die Wahl der richtigen Zündkerze ist für die optimale Motorleistung ausschlaggebend. Jeder Motorentyp braucht deshalb einen anderen Zündkerzentyp. DENSO bietet einen breiten Bereich an hochwertigen Zündkerzen für fast jeden Verwendungszweck. Ein wesentlicher Faktor bei der Wahl der Zündkerze ist der Wärmewert, der angibt, welche Wärme die Zündkerze aus dem Verbrennungsraum ableiten kann. Zündkerzen, die zu heiß oder zu kalt arbeiten, können Probleme verursachen. Wenn die Zündkerze zu heiß wird, kann sie nicht genug abkühlen, ehe das nächste Kraftstoffgemisch in den Zylinder kommt, und dadurch kommt es zur Glühzündung. Bleibt die Kerze zu kalt, so verschmutzen Kohleablagerungen Elektroden und Isolator, so daß die Zündkerze nicht ordnungsgemäß arbeiten kann. Die ideale Betriebstemperatur zur Selbstreinigung der Zündkerze liegt zwischen 400°C und 900°C. Zur Optimierung der Wärmeleitfähigkeit verwendet DENSO Mittelelektroden mit Kupferkern, die in einer Kupfer-Glas-Verkapselung eingebettet sind, so daß eine gasdichte Verbindung gewährleistet ist. Dadurch bekommen DENSO-Zündkerzen einen erweiterten Betriebsbereich. 'Heiße' Zündkerzen oder Zündkerzen mit einer niedrigen Bezifferung, wie '16', haben eine lange Isolatornase, die dafür sorgt, daß die Wärme einen längeren Abstand zurücklegen muß und eine größere Oberfläche zum Absorbieren der Wärme hat. 'Kalte' Zündkerzen oder Zündkerzen mit einer hohen Bezifferung, wie '31', haben eine viel kürzere Isolatornase und eine kleinere Wärmeabsorptionsfläche, so daß die Wärme viel schneller zum Zylinderkopf abgeleitet wird. Ganz allgemein sind 'kalte' Zündkerzen ideal für große Entfernungen, hohe Drehzahl oder schwere Fahrbelastung, weil der Motor unter diesen Bedingungen sehr viel Wärme erzeugt, die schnell abgeleitet werden muß, damit es nicht zur Glühzündung kommt. Für kurze Strecken dagegen und jeweils kurze Fahrabschnitte könnte eine 'kalte' Zündkerze nicht warm genug werden, um der Verschmutzung zu widerstehen, so daß eine 'heißere' Zündkerze besser geeignet ist. Den exakten Wärmewert bestimmt der Motorenhersteller.



F Ide Theriqe

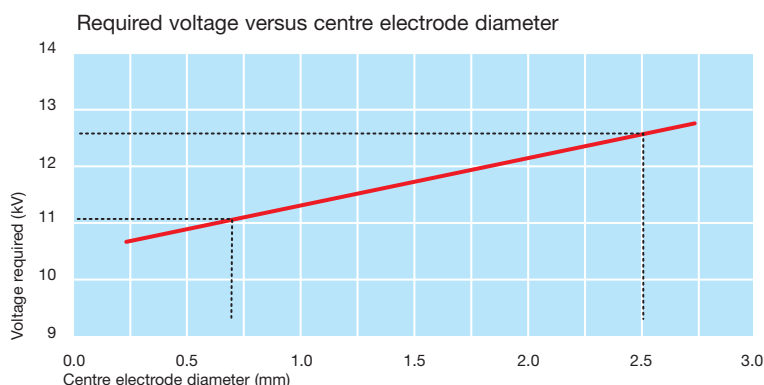
Choisir la bonne bougie est primordial pour un fonctionnement optimal du moteur. Chaque modèle de moteur a donc besoin d'un type de bougie différent. C'est pourquoi, DENSO propose une large gamme de bougies de haute qualité pour la quasi totalité des applications. Un critère important dans le choix de la bougie est l'Indice Thermique, qui détermine la quantité de chaleur que la bougie peut canaliser à partir de la chambre de combustion. Des bougies qui opèrent à des températures soit trop élevées soit trop basses, peuvent causer des problèmes. Si la bougie fonctionne à une température trop élevée, elle ne sera pas suffisamment refroidie avant que la charge suivante air-carburant n'entre dans le cylindre, et il y aura auto-allumage. Si la bougie fonctionne à une température trop basse, les dépôts de carbone vont encrasser les électrodes et l'isolant, et empêcheront un fonctionnement correct de la bougie. La température de fonctionnement idéale pour l'autonettoyage se situe entre 400° C et 900° C. Pour optimiser le transfert de chaleur, DENSO utilise des électrodes centrales à noyau en cuivre incorporées dans un joint en cuivre-verre qui assure une connexion hermétique. Cela donne aux bougies DENSO un rayon d'action plus élevé. Des bougies 'chaudes' ou bougies ayant un chiffre bas comme '16', possède un long embout isolant, créant ainsi un plus grand espace dans lequel la chaleur peut circuler ainsi qu'une plus grande surface pour absorber la chaleur. Les bougies 'froides', ou bougies ayant un chiffre élevé comme '31', possèdent un embout isolant beaucoup plus court et une surface d'absorption de chaleur plus petite, canalisant beaucoup plus vite la chaleur vers la culasse. En général, les bougies 'froides' sont idéales pour les longues distances, une vitesse élevée ou un conduite lourde, parce que dans ces conditions, le moteur génère une grande quantité de chaleur qui doit être dissipée rapidement pour prévenir l'auto-allumage. Cependant, pour les courtes distances et la conduite coups de frein et accélérations alternés, une bougie 'froide' ne peut pas fonctionner à une température suffisamment élevée pour résister à l'encrassement, de sorte qu'une bougie 'plus chaude' est préférable. La valeur correcte de l'indice thermique est déterminée par le fabricant du moteur.

E Abao Témo

Seleccionar la bujía justa es crucial para el máximo rendimiento del motor. Por esta razón cada tipo de motor requerirá otro tipo de bujía. Denson ofrece una amplia gama de bujías de alta calidad para casi todos los usos. El alcance térmico es de mayor importancia en la selección de una bujía. El Alcance Térmico indica la cantidad de calor que la bujía puede canalizar desde la cámara de combustión. Tanto las bujías que operan bajo demasiado calor como las que operan bajo demasiado frío pueden causar problemas. Si la bujía opera bajo demasiado calor, no se enfriará suficientemente antes de que la siguiente carga de aire-combustible entre en el cilindro, causando una ignición prematura. Si la bujía opera bajo demasiado frío, los depósitos de carbón ensuciarán los electrodos y el aislante e impedirán un funcionamiento satisfactorio de la bujía. La temperatura ideal de funcionamiento para la limpieza automática oscila entre los 400°C y 900°C. Bujías 'calientes', o bujías de un número bajo como '16', tienen un recorrido aislante largo, creando una mayor distancia que el calor tiene que recorrer así como una mayor superficie para absorber el calor. Bujías 'frías', o bujías de un número alto como '31', tienen un recorrido aislante más corto y menos superficie para absorber el calor, produciendo una canalización más rápida del calor a la tapadera. En general, las bujías 'frías' son ideales para distancias largas y el transporte de alta velocidad o de carga pesada, porque bajo estas condiciones el motor produce mucho calor, que debe ser difundido rápidamente para evitar una ignición prematura. Pero en caso de distancias cortas y transporte discontinuo puede ocurrir que una bujía no se haga suficientemente 'caliente' para impedir ensuciamiento, y en este caso sería preferible una bujía 'más caliente'. El fabricante del motor fijará el valor correcto del alcance térmico.

P Agadê téma

A escolha da vela correcta é decisiva para obter rendimentos ideais do motor. Cada modelo de motor necessita de um diferente tipo de vela. Por este motivo, a DENSO oferece uma ampla gama de velas de elevada qualidade que abrange, quase todas as aplicações. Um factor importante na escolha é a gradação térmica, que indica a quantidade de calor que a vela é em grau de transportar fora da câmara de combustão. As velas que operam com temperaturas excessivamente altas ou baixas podem causar problemas. Se, a vela estiver numa temperatura muito alta, não arrefece-se suficientemente antes que a seguinte carga de ar-combustível entre no cilindro e se realize a pré-ignição. Se, estiver numa temperatura muito baixa, os resíduos de carbono incrustam os eléctrodos e o isolante prejudicando o funcionamento. A temperatura ideal para a auto-limpeza é compreendida dentre 400° C e 900° C. Para otimizar a transmissão do calor, a DENSO utiliza eletrodos centrais com alma de cobre incluídas numa matriz cobre-vidro que assegura uma conexão a retenção de gás. De conseqüência, as velas DENSO apresentam uma quilometragem operativa maior. As velas 'quentes', isto é, aquelas com numeração baixa como o '16', têm a ponta do isolante longo; à distância de propagação e a superfície de absorção do calor resultam, portanto maiores. As velas 'frias', isto é, aquelas com numeração alta como o '31', têm a ponta do isolante mais curto e a superfície de absorção menos estendida; o transporte do calor para a cabeça do cilindro é, portanto, muito mais rápido. Em geral, as velas 'frias' são ideais para longos percursos, altas velocidades ou prolongadas conduções, porque nestas condições, o motor gera uma elevada quantidade de calor que deve ser eliminado rapidamente com a finalidade de prevenir a pré-ignição. Contudo, para breves percursos e conduções com paradas e repartidas, as velas 'frias' não se aquecem suficientemente para impedir a formação de incrustações; as velas 'mais quentes' são, portanto, preferíveis. O fabricante do motor estabelece o correcto valor da gradação térmica.



I Candele con resistore

L'impianto di accensione è tra le principali cause di radiointerferenza, che si manifesta di solito con l'emissione di un fastidioso ronzio da parte dell'autoradio. Questa interferenza agisce non solo sull'autoradio, ma anche su altri sistemi elettronici quali i telefoni cellulari, gli impianti di gestione dell'accensione e del carburante, gli impianti ABS e gli impianti di navigazione. Per evitare il malfunzionamento delle apparecchiature elettroniche dovuto ad interferenza, la DENSO offre una serie completa di candele con resistore di elevata qualità contrassegnata dalla lettera 'R', per es. W20EPR-U.

GB Resistor spark plugs

Ignition systems are a major source of radio interference, most commonly resulting in unpleasant buzzing sounds on the car radio. This interference affects not only car radios, but also other electronic systems such as mobile telephones, ignition and fuel management systems, ABS and navigation systems. To avoid malfunctioning of electronic equipment due to interference, DENSO offers a full range of high-quality resistor plugs, indicated by the letter 'R', e.g. W20EPR-U.

D Zündkerzen mit eingebaute widerstand

Zündanlagen sind häufig die Ursache von gestörtem Rundfunkempfang, was sich im allgemeinen durch störende Geräusche im Autoradio bemerkbar macht. Diese Störungen betreffen nicht nur Autoradios, sondern auch andere elektronische Geräte, wie mobile Telefone, Zünd- und Kraftstoffkontrollanlagen, ABS und Navigationssysteme. Um das Versagen von elektronischen Geräten infolge von Interferenz zu vermeiden, liefert DENSO ein vollständiges Programm von Zündkerzen mit eingebautem Widerstand, die am Buchstaben 'R' zu erkennen sind, z.B. W20EPR-U.

F Bougies antiparasitées

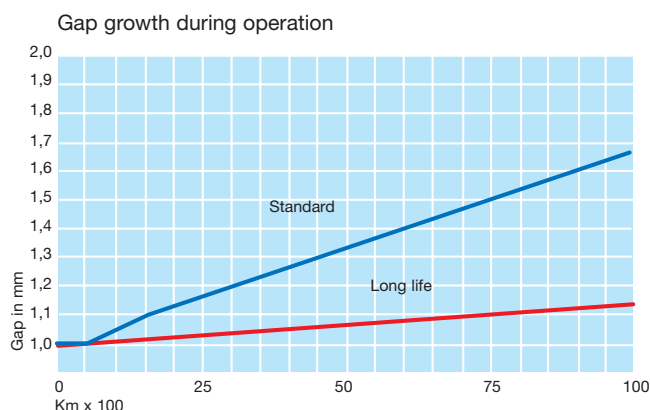
Les systèmes d'allumage constituent une source importante d'interférences radio, provoquant la plupart du temps des bourdonnements désagréables dans l'autoradio. Ces interférences affectent non seulement les auto-radios, mais aussi d'autres systèmes électroniques comme les téléphones portables, les systèmes d'allumage et de gestion du carburant, l'ABS et les systèmes de navigation. Pour éviter tout dysfonctionnement de l'équipement électronique dû aux interférences, DENSO propose une gamme complète de bougies antiparasitées de haute qualité, signalées par la lettre 'R', par ex. : W20EPR-U.

E Bujías con resistencia

Los sistemas de ignición constituyen la mayor fuente de interferencia radioeléctrica, que se traduce la mayoría de las veces en un zumbido desagradable en la radio para el coche. Esta interferencia no solo afecta las radios para el coche, sino también otros sistemas electrónicos como teléfonos móvil, sistemas de regulador de ignición y de combustible, ABS (sistema de frenos antibloqueo) y sistemas de navegación. Para evitar el mal funcionamiento del equipo electrónico por interferencia, DENSO ofrece una gama completa de bujías con resistencia de alta calidad, indicadas con la letra 'R', p.e. W20EPR-U.

P Velas com resistor

O sistema de ignição está dentre as principais Causas de interferência rádio, que se manifesta normalmente com a emissão de um fastidioso chiado por parte do auto-rádio. Esta interferência actua não somente no auto-rádio, mas também, em outros sistemas electrónicos os quais telemóveis, os sistema de gestão da ignição e do combustível, os sistemas ABS e os sistemas de navegação. Para evitar o funcionamento irregular das aparelhagens electrónicas devido a interferência, a DENSO oferece uma série completa de velas com resistor de elevada qualidade marcada pela letra 'R', por ex.: W20EPR-U.



I Candele ad alte prestazioni ZU Platinum

Per soddisfare le esigenze richieste da motori di elevata potenza e da condizioni di guida molto impegnative, la DENSO ha progettato la candela ZU Platinum, disponibile in un'ampia gamma di tipi. Questa candela ha un elettrodo in platino con diametro di 0,7 mm. Le caratteristiche della candela ad alte prestazioni ZU DENSO sono le seguenti: • eccellente alternativa per applicazioni normali; • oltre 100 diversi tipi; • elettrodo centrale sottile in platino che necessita di una tensione più bassa e genera una scintilla più intensa; • avviamento più agevole ed accelerazione più brillante; • elettrodo di massa conica con scanalatura ad U che migliora l'efficienza di combustione.

GB ZU Platinum High-Performance spark plugs

To meet the needs of high-powered engines and high-performance driving conditions, DENSO has designed the ZU Platinum spark plug which is available in a wide range of types. These spark plugs have a platinum electrode with a 0.7 mm diameter. The High-Performance DENSO ZU plug offers: • a powerful alternative for normal applications; • over 100 different types; • thin platinum centre electrode requiring a lower voltage and generating a stronger spark; • easier starting and improved acceleration; • tapered ground electrode with U-groove improves combustion efficiency

D ZU-Hochleistungs-Platinzündkerzen

Um die Anforderungen von Hochleistungsmotoren und Hochleistungsfahrbedingungen zu erfüllen, hat DENSO die ZU-Platinzündkerzen entwickelt, die in einer Vielzahl von Typen lieferbar sind. Diese Zündkerzen haben eine Platinelektrode mit 0,7 mm Durchmesser. Die DENSO Hochleistungs-ZU-Zündkerze bietet: • eine leistungsfähige Alternative zum normalen Einsatz; • über 100 verschiedene Typen lieferbar; • dünne Platin-Mittelelektroden, die eine niedrigere Spannung benötigen und einen stärkeren Funken erzeugen; • leichteren Start und verbesserte Beschleunigung; • spitze Masselektrode mit U-Rille verbessert die Verbrennungswirkung

F Bougies en Platine ZU à Haut-Rendement

Pour satisfaire aux besoins des gros moteurs et aux conditions de conduites à haut rendement, DENSO a conçu les bougies en Platine ZU dont il existe plusieurs types. Ces bougies ont une électrode en platine de 0,7 mm de diamètre. La bougie ZU à Haut-Rendement de DENSO apporte : • une alternative efficace pour des applications normales; • plus de 100 types différents disponibles; • des électrodes centrales fines en platine exigeant une tension plus basse et générant une étincelle plus forte; • un démarrage plus facile et une accélération améliorée; • une électrode de masse pointue avec une rainure en U améliore l'efficacité de combustion

E Bujías ZU Platinum de Alto-Rendimiento

Para cumplir las necesidades de motores de alta potencia y las condiciones de conducción de alto rendimiento, DENSO ha diseñado las ZU bujías de Platino que se venden en una amplia gama de tipos. Estas bujías tienen un electrodo de platino de un diámetro de 0,7 mm. La DENSO ZU bujía de Alto-Rendimiento ofrece: • una alternativa poderosa para los usos normales; • más de 100 tipos distintos de venta; • electrodos centrales de platino finos que requieren una tensión más baja y que producen una chispa más fuerte; • un arranque más fácil y una aceleración mejorada; • un electrodo de masa en punta de ranura en U para un rendimiento de combustión más eficiente.

P Velas de altos rendimentos ZU Platinum

Para satisfazer as exigências requeridas pelos motores de elevada potência e pelas condições de condução muito comprometedoras, a DENSO projectou a vela ZU Platinum, é disponível em uma ampla gama de tipos. Esta vela há um eletrodo em platina com diâmetro de 0,7 mm. As características da vela de altos rendimentos ZU DENSO são as seguintes: • excelente alternativa para as aplicações normais; • mais de 100 diferentes tipos; • eletrodo central sutil em platina que necessita de uma tensão mais baixa e gera uma faísca mais intensa; • arranque mais fácil e aceleração mais brilhante; • eletrodo de massa cônico com estria a forma de U que melhora a eficiência de combustão.



I Candele al platino a lunga durata

La vita operativa delle comuni candele può essere estesa a 60.000 km utilizzando elettrodi multipli. Nondimeno, per fare fronte a intervalli sempre più lunghi tra gli interventi di manutenzione, la DENSO ha ideato candele al platino in grado di mantenersi efficienti fino a 100.000 km. Quindici anni di esperienza nella fabbricazione di candele al platino a lunga durata hanno permesso di mettere a punto un'ampia gamma di qualità superiore, così caratterizzata: • candele progettate per durare fino a 100.000 km; • candele più resistenti rispetto a quelle tradizionali; • tensione di funzionamento più bassa grazie all'elettrodo centrale sottile, che comporta minori possibilità di mancata accensione; • intervallo interelettrodo invariato lungo l'intero chilometraggio operativo, che mantiene costanti le prestazioni; • frequenza ridotta delle mancate accensioni, che determina una combustione più pulita ed efficiente ed un maggiore risparmio di carburante.

GB Platinum Long Life spark plugs

The service life of standard spark plugs can be extended up to 60,000 km by the use of multiple electrodes. However, to deal with ever-increasing service intervals, DENSO has designed platinum spark plugs that maintain their efficient performance up to 100,000 km. Fifteen years of experience with the manufacture of Platinum Long Life spark plugs have resulted in the availability of a wide range of top-quality Long Life plugs: • designed to last up to 100,000 km; • stronger spark compared with conventional plugs; • lower voltage required because of thin centre electrode which results in less misfiring; • constant gap throughout the service life, resulting in constant performance; • less misfire means cleaner, more efficient combustion and improved fuel economy

D Platinzündkerzen mit Langer Lebensdauer

Die Lebensdauer von Standardzündkerzen kann durch die Verwendung von Mehrfachelektroden auf bis zu 60.000 km ausgedehnt werden. Um aber den ständig länger werdenden Wartungsintervallen zu entsprechen, hat DENSO Platin-Zündkerzen entwickelt, die bis zu 100.000 km ihre hervorragende Leistungsfähigkeit behalten. Fünfzehn Jahre Erfahrung in der Herstellung von Platinzündkerzen mit Langer Lebensdauer haben dazu geführt, daß heute eine Vielzahl von Langlebigen Zündkerzen lieferbar ist: • entwickelt für eine Lebensdauer bis zu 100.000 km; • stärkerer Funken im Vergleich zu konventionellen Zündkerzen; • durch die dünne Mittelelektrode wird eine niedrigere Spannung benötigt, was zu weniger Fehlzündungen führt; • konstanter Elektrodenabstand während der gesamten Lebensdauer, was eine konstante Leistung zur Folge hat; • weniger Fehlzündungen bedeutet sauberere und wirksamere Verbrennung und wirtschaftlicheren Kraftstoffverbrauch

F Bougies en Platine Longue Durée

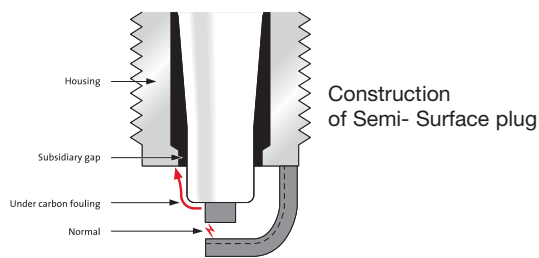
La durée de vie de bougies standards peut aller jusqu'à 60.000 km si l'on utilise des électrodes multiples. Cependant, pour faire face à des périodes d'utilisation sans cesse plus longues, DENSO a mis au point des bougies en platine qui conservent leur rendement élevé jusqu'à 100.000 km. Quinze années d'expérience dans la fabrication de Bougies en Platine Longue Durée ont débouché sur une large gamme de bougies Longue Durée de première qualité : • conçues pour durer jusqu'à 100.000 km; • une étincelle plus forte par rapport aux bougies traditionnelles; • une tension plus basse est requise en raison de la fine électrode centrale, entraînant moins de ratés d'allumage; • un écartement constant pendant toute la durée de vie, permettant un rendement constant; • moins de ratés signifie une combustion plus propre, plus efficace et une plus grande économie de carburant

E Bujías de Platino de Larga Vida

El uso de electrodos múltiples hace que la vida útil de las bujías estándar pueda ser alargada hasta los 60,000 km. No obstante, para tratar los intervalos de servicio cada vez más largos, DENSO ha diseñado bujías de platino que mantienen su rendimiento eficiente hasta los 100,000 km. Quince años de experiencia en la fabricación de Bujías de Platino de Larga Vida dan como resultado en una amplia gama de bujías de Larga Vida de máxima calidad: • diseñadas para un funcionamiento hasta los 100,000 km; • chispa más fuerte comparada con la de las bujías convencionales; • requieren una tensión más baja por el electrodo central fino, redundando en menos fallos de encendido; • entrehierro constante durante la vida útil, resultando en un rendimiento constante; • menos fallos de encendido implican una combustión más limpia y eficiente y un consumo mejorado de combustible.

P Velas em platina de prolongada duração

A vida operativa das velas comuns pode ser estendida a 60.000 km utilizando eletrodos múltiplos. Principalmente para enfrentar intervalos sempre mais longos dentre as intervenções de manutenção, a DENSO ideou velas em platina em grau de se manterem eficientes até a 100.000 km. Quinze anos de experiência na fabricação de velas em platina de prolongada duração permitiu de afinar uma ampla gama de qualidade superior, assim caracterizada: • velas projectadas para durar até a 100.000 km; • velas mais resistentes em relação aquelas tradicionais; • tensão de funcionamento mais baixa graças ao eletrodo central sutil, que comporta menores possibilidades de falta de ignição; • intervalo inter-electródico sem variação longo a inteira quilometragem operativa, que mantém constantes as performances; • frequência reduzida das faltas de ignições, que determina uma combustão mais limpa e eficiente e uma maior economia de combustível.



I Tecnologia a scarica semisuperficiale

Viaggi frequenti a motore freddo possono portare all'accumulo di carbonio sull'isolante della candela, a causa dell'impossibilità di raggiungere la temperatura necessaria per bruciare automaticamente i residui della combustione. Per minimizzare il rischio di imbrattamento in ogni condizione, la DENSO ha sviluppato una gamma di candele a scarica semisuperficiale, con codici che terminano in '-S'. Questa tecnologia assicura un'accensione affidabile e la protezione del convertitore catalitico. In una situazione di normale funzionamento, la scintilla scocca tra gli elettrodi, con una combustione completa. Se la candela si trova ad operare in condizioni continuamente variabili, può verificarsi la formazione di depositi carboniosi. In questo caso, la scintilla si forma inizialmente tra l'isolante e il corpo, con conseguente combustione dei residui, e successivamente ritorna tra gli elettrodi. Le candele a scarica semisuperficiale sono adatte all'utilizzo di autoveicoli nelle situazioni più varie: è sufficiente un unico tipo di candela sia per la guida ad alta velocità sia per i viaggi a breve percorrenza.

GB Semi-Surface Gap technology

Regular short journeys with a cold engine can lead to a build-up of carbon on the spark plug insulator, because the self-cleaning temperature needed to burn off this carbon is not reached. To minimise the risk of fouling under all conditions, DENSO has developed a range of Semi-Surface discharge spark plugs, with type numbers ending in '-S'. This technology ensures reliable ignition and protection of the catalytic converter. Under normal conditions sparking takes place between the electrodes, resulting in complete combustion. As the conditions under which the plug has to perform vary constantly, carbon fouling may occur. In this situation the spark will occur between the insulator and the housing, burning off the carbon, after which the spark will return between the electrodes. Semi-Surface Gap spark plugs are suitable for cars used under widely varying conditions: high-speed driving and short journeys are all covered by one spark plug type.

D Semi-Gleit-funken-technologie

Regelmäßige Kurzfahrten mit kaltem Motor können zur Kohleablagerung auf dem Zündkerzenisolator führen, da die zum Verbrennen dieser Kohle erforderliche Selbstreinigungstemperatur nicht erreicht wird. Um das Verschmutzungsrisiko bei allen Fahrbedingungen zu minimieren, hat DENSO ein Programm von Zündkerzen in Semi-Gleitfunkentechnologie entwickelt, deren Typbezeichnungen mit einem 'S' enden. Diese Technologie gewährleistet zuverlässige Zündung und Schutz des Katalysators. Unter normalen Bedingungen springt der Zündfunke zwischen zwei Elektroden über, was zur vollständigen Verbrennung führt. Wenn die Bedingungen, unter denen die Zündkerze arbeiten muß, sich ständig ändert, kann Kohleablagerung auftreten. In diesem Fall springt der Funke zwischen Isolator und Gehäuse über und verbrennt die Kohle, wonach der Funke zwischen die Elektroden zurückkehrt. Zündkerzen in Semi-Gleitfunkentechnologie eignen sich für Fahrzeuge, die unter sehr unterschiedlichen Bedingungen fahren: schnelles Fahren und kurze Einzelfahrten können mit demselben Kerzentyp bewältigt werden.

F Technologie d'Étincelle Semi- Glissante

Des trajets courts et réguliers alors que le moteur est froid peuvent entraîner une accumulation de carbone sur l'isolant de la bougie, car la température d'autonettoyage requise pour brûler ce carbone n'est pas atteinte. Pour réduire le risque d'encrassement dans toutes les circonstances, DENSO a conçu une gamme de bougies à décharge de demisurface, avec des numéros de type se terminant par '-S'. Cette technologie assure un allumage fiable et la protection du pot catalytique. Dans des conditions normales, l'étincelle se produit entre les électrodes, entraînant une combustion complète. Etant donné que les conditions dans lesquelles la bougie doit fonctionner varient en permanence, il peut se produire un calaminage. Dans ce cas, l'étincelle se produira entre l'isolant et le culot, brûlant le carbone, et ensuite l'étincelle retournera entre les électrodes. Les bougies à Étincelle Semi-Glissante conviennent pour des voitures utilisées dans des conditions qui varient fortement : un seul type de bougie convient aussi bien pour la conduite à grande vitesse que pour les trajets courts.

E Tecnología de Entrehierro Semisuperficial

Trayectos cortos regulares con un motor frío pueden causar una acumulación de carbón en el aislante de la bujía porque ésta no alcanza la temperatura de limpieza automática requerida para quemar el carbón. Para minimalizar el riesgo de ensuciamiento en toda condición, DENSO ha desarrollado una gama de bujías de descarga semisuperficial, cuyos números de tipo terminan en una '-S'. Esta tecnología garantiza una ignición segura y protege el transformador catalítico. Bajo condiciones normales, la ignición se produce entre los electrodos, resultando en una combustión completa. Si las condiciones bajo las cuales la bujía tiene que funcionar varían continuamente, puede producirse ensuciamiento. En esta situación la chispa se producirá entre el aislante y la pipeta, quemando el carbón, después de lo cual la chispa volverá al entrehierro. Las bujías de entrehierro semisuperficial pueden ser usadas en coches bajo condiciones muy distintas: un solo tipo de bujía cubre tanto la conducción a alta velocidad como los trayectos cortos.

P Tecnologia com descarga semi-superficial

Viagens regulares breves com motor frio podem levar ao acumulo de carbono no isolante da vela, devido à impossibilidade de atingir a temperatura necessária para queimar automaticamente os resíduos da combustão. Para minimizar o risco de fuligem em qualquer condição, a DENSO desenvolveu uma gama de velas a descarga semi-superficial, com códigos que terminam em '-S'. Esta tecnologia assegura uma ignição de confiança e a protecção do conversor catalítico. Numa situação de normal funcionamento, a faísca dispara dentre os eletrodos, com uma combustão completa. Se, a vela se encontra a operar em condições continuamente variáveis, pode verificar-se a formação de depósitos de carbonos. Neste caso, a faísca se forma inicialmente entre o isolante e o corpo, com a conseguinte combustão dos resíduos, e sucessivamente retorna entre os eletrodos. As velas de descarga semi-superficial são adequadas ao uso de auto-veículos nas situações mais várias: é suficiente um único tipo de vela seja para a condução a alta velocidade seja para as viagens a breve percursos.



IRIDIUM POWER

I IRIDIUM POWER migliorerà le prestazioni del vostro veicolo sotto tutti gli aspetti possibili, dall'accelerazione e risposta dell'acceleratore, al chilometraggio, grazie all'elettrodo centrale di 0,4 mm in iridio più piccolo del mondo, che permette un'accensione ad alto livello ed una bassa tensione della scarica elettrica. Garantisce alta affidabilità anche nelle competizioni sportive. Gli appassionati di viaggi remarranno inoltre soddisfatti dalla guida confortevole su lunghe distanze e dal basso consumo di carburante.



SPECIFICHE DELL'ATTACCO TERMINALE

Il prodotto è fornito con un dado terminale che lo rende compatibile con tutti i codici candela, ma ne consente anche la rimozione se non necessario. (Su tutti i modelli).



RESISTORI INTERNI AFFIDABILI

IRIDIUM POWER è particolarmente adatta a resistori 5kΩ su tutti i modelli. È anche dotata di un affidabile resistore interno monoblocco che protegge l'apparecchiatura elettronica da qualsiasi tipo di disturbo. (Tutti i modelli).



REVISTIMENTO ANTICORROSIVO IN NICHEL LUCIDATO

Lo stesso rivestimento in nichel ad elevata lucentezza usato per le corse viene applicato nell'alloggiamento e consente di ottenere un alto livello anticorrosivo. Ciò significa che il prodotto non arrugginirà anche se usato per viaggi sotto la pioggia o durante le gare di motocross. (Non applicabile a IW16, IW20, IW22, IXU22, e IXU24)



ELETTRODO DI MASSA RASTREMATO (Rastremato)

L'estremità dell'elettrodo di massa è caratterizzato da una forma rastremata sottile. La riduzione dell'azione antiaccensione ha aumentato notevolmente il rendimento dell'accensione. La rastremazione aerodinamica rende maggiormente scorrevole il flusso della miscela di aria e carburante garantendo maggiore costanza nell'accensione. (Non applicabile a IU24A, IU27A, IU31A, IUF27A, e IUF31A.)



ELETTRODO DI MASSA CON INCAVO AD U (U-Groove)

All'interno dell'elettrodo di massa è stato praticato un incavo a forma di U che crea lo spazio necessario per la formazione del nucleo della scintilla. Si è ottenuta un'accensione eccellente senza aumentare la distanza tra gli elettrodi della candela, mantenendo allo stesso tempo una bassa tensione della scarica elettrica. (Brevetto internazionale ottenuto nel 1975). (Non applicabile a IU24A, IU27A, IU31A, IUF27A e IUF31A.)



SPORGENZA IN PORCELLANA

Abbiamo progettato la sporgenza in porcellana usando una gamma di valore termico della candela che consente di ottenere i valori più appropriati, realizzando la combinazione delle caratteristiche di autopulitura tipiche delle candele con valore termico più basso, con la resistenza al calore delle candele con valore termico più alto per adattarsi in modo soddisfacente a tutte le necessità di valore termico della candela. (Tutti i modelli).



MICROELETTRODO CENTRALE IN IRIDIO CON RAGGIO DI 0,4 MM

Abbiamo ridotto l'estremità dell'elettrodo centrale di alcuni micron utilizzando la nostra nuova lega di iridio, un materiale con elevato punto di fusione. La tensione della scarica elettrica è stata ridotta, migliorando notevolmente la qualità dell'accensione. La lega di iridio utilizzata è un materiale speciale sviluppato originariamente della DENSO che ha depositato anche brevetti in Giappone (2877035) e nel Regno Unito (2302367). (Tutti i modelli)



DIMENSIONI DELLA SPORGENZA DELL'ELETTRODO CENTRALA

Per aumentare la risposta dell'accensione, l'elettrodo centrale sporge di più rispetto al modello tradizionale. Ciò ha il vantaggio di aumentare la sensibilità dell'acceleratore, migliorando l'accelerazione nel suo insieme. (Solo su IUH24, IUH27, IX22, IX24, IX27, IUF22, IUF24, IWF22, IWF24, IWF27, IW24, IW27, IW29, IW31, e IW34.)

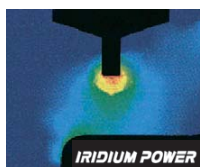
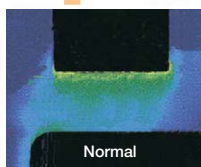
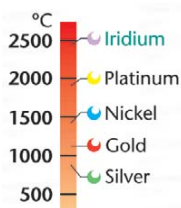
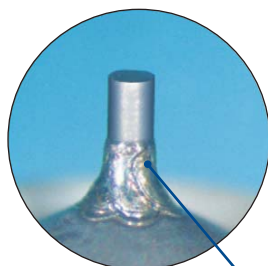
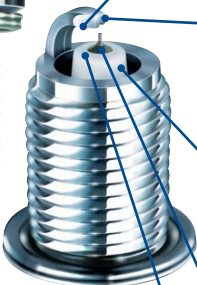


SALDATURA CON LASER DELLA CIRCONFERENZA

Abbiamo utilizzato la saldatura con laser della circonferenza che può resistere alle peggiori condizioni di guida grazie ai punti di saldatura in iridio altamente affidabili. (tutti i modelli.)

TENSIONE DELLA SCARICA ELETTRICA

L'elettrodo più sottile, la migliore accensione e migliore campo elettrico mantengono più costante la tensione della scarica elettrica. Questo permette di avere una combustione costante con tutte le condizioni di guida e migliore partenza ed accelerazione.





IRIDIUM POWER

GB IRIDIUM POWER will improve all aspects of your vehicle performance – from acceleration and throttle response to idle stability and mileage – thanks to the world's smallest 0.4 mm iridium center electrode, providing high-level ignition and low jump spark voltage. You can count on this plug to come through for you on the race circuit as well, virtually guaranteeing you victory after victory. Private touring enthusiasts will also be happy with its comfortable long drive and low fuelconsumption.

TERMINAL-ATTACHMENT SPECIFICATION
It comes with a terminal nut that makes it compatible with all plug codes, but which can be removed if not needed. (On all types.)

TRUSTWORTHY INTERNAL RESISTORS
IRIDIUM POWER is specified for 5k resistors on all types. It also comes with a trustworthy internal monolithic resistor. It shuts out all noise to electronic equipment. (All types.)

ANTI-CORROSIVE GLOSSY NICKEL PLATING
The same high-gloss nickel plating that is used for racing is used on the housing, and attains a high level of anti-corrosion. This means that it will not rust up on you even if used for touring in the rain or during motocross. (Not applicable to IW16, IW20, IW22, IXU22, and IXU24.)

TAPERED CUT GROUND ELECTRODE (Tapered Cut)
The ground electrode has had its tip cut to a fine taper. Lowering the anti-inflammatory action has greatly increased ignition performance. The streamlined taper makes the air-fuel mixture flow more smoothly, guaranteeing steadier ignition. (Not applicable to IU24A, IU27A, IU31A, IUF27A and IUF31A.)

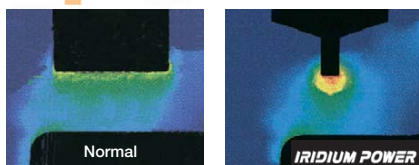
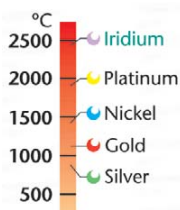
U-GROOVE GROUND ELECTRODE (U-Groove)
A U-shaped groove has been set into the inside of the ground electrode, creating the space volume necessary for formation of the spark nucleus. Superb ignition performance has been attained without increasing the spark gap and at the same time maintaining low jump spark voltage. (World-wide patent acquired in 1975.) (Not applicable to IU24A, IU27A, IU31A, IUF27A and IUF31A.)

PORCELAIN PROJECTION
We have designed the porcelain projection using a plug heat range that achieves the most appropriate values. It combines the self-cleaning properties of low plug heat range, and the heatresistance of high plug heat range to satisfactorily comply with all plug heat range needs. (All types.)

THE 0.4 MM-RADIUS MICRO IRIDIUM CENTER ELECTRODE
We have reduced the central electrode tip to a micro scale through use of our "new iridium alloy," a high melting point material. The jump spark voltage has been reduced, greatly improving the ignition performance. The iridium alloy employed is a specialized material developed originally by DENSO, and patents have been taken out on it in Japan (2877035) and the UK (2302367). (All types.)

AMOUNT OF CENTER ELECTRODE PROTRUSION
In order to increase ignition response, the center electrode protrudes farther than the standard type. This has the benefit of increasing throttle responsiveness, thereby improving overall acceleration. (Only on IUH24, IUH27, IX22, IX24, IX27, IUF22, IUF24, IWF22, IWF24, IWF27, IW24, IW27, IW29, IW31, and IW34.)

CIRCUMFERENCE LASER WELDING
We have used "circumference laser welding" which can withstand even the harshest driving conditions thanks to the highly dependable iridium chip joints. (All types.)



JUMP SPARK VOLTAGE

The slimmer the electrode, the more concentrated the potential, and the stronger the electric field becomes, reducing jump spark voltage. This results in constant combustion in all areas of driving, and improved starting and acceleration.



IRIDIUM POWER

D IRIDIUM POWER verbessert sämtliche Leistungsaspekte Ihres Motorrads – angefangen bei Beschleunigung und Reaktion auf das Gas bis zu Laufruhe des Motors und Verbrauch – dank der weltkleinsten 0,4 mm Iridium-Mittelelektrode, die für Hochwertiges Zündverhalten sorgt und nur eine niedrige Zündspannung benötigt. Sie können darauf zählen, dass Ihnen diese Zündkerze selbst auf der Rennpiste einen Vorsprung verschafft und einen Sieg nach dem anderen garantiert. Tourenliebhaber werden sich auch über die komfortablen Langstreckeneigenschaften und den niedrigen Benzinverbrauch freuen.



ANSCHLUSS / EINBAU

Die Zündkerze hat einen Gewindeanschluss, der mit allen Standard-Zündkerzenkompatibel ist, der allerdings bei Bedarf auch entfernt werden kann. (Für alle Typen)



ZUVERLÄSSIGE INNENLIEGENDE WIDERSTÄNDE Die IRIDIUM POWER

ist für alle Typen mit 5k Ω -Widerständen versehen worden. Ausserdem besitzt sie zuverlässige interne monolithische Widerstände. Sämtliche Störfrequenzen für elektronische Geräte werden abgeschirmt. (Alle Typen.)



ANTIKORROSIONS - NICKELGLANZBESCHICHTUNG

Auf dem Aussenkörper wird die gleiche Hochglanzvernickelung aufgebracht, wie bei Rennsport-Zündkerzen, wodurch die Kerze hochgradig vor Korrosion geschützt wird. Das bedeutet, dass die Zündkerze nicht rosten kann, selbst bei Touren im Regen oder beim Motocross-Fahren. (Gilt nicht für IW16, IW20, IW22, IXU22 und IXU24)



KONISCH GEFORMTE MASSELEKTRODE (Konischer zuschnitt)

Die Spitze der Masselektrode besitzt die Form eines feinen Konus. Die Verringerung von Aussetzern bei der Verbrennung hat die Zündleistung enorm gesteigt. Der stromlinienförmige Konus lässt das Kraftstoff-Luft-Gemisch reibungsloser vorbeifliessen, was eine gleichmässige Zündung gewährleistet. (Gilt nicht für IU24A, IU31A, IUF27A und IUF31A)



MASSELEKTRODE MIT U-RILLE (U-Groove)

Eine U-förmige Einkerbung befindet sich auf der Innenseite der Masselektrode und sorgt für das nötige Raumvolumen zur Entstehung des Zündfunken. Herausragende Zündeigenschaften wurden erreicht, ohne den Elektrodenabstand zu erhöhen und dabei gleichzeitig die niedrige Zündspannung beibehalten. (Seit 1975 weltweit patentiert.) (Gilt nicht für IU24A, IU27A, IU31A, IUF27A und IUF31A)



PORZELLANKÖRPER

Die Porzellankörper ist für alle erforderlichen Temperaturbereiche ausgelegt. Er verbindet die selbstreinigenden Eigenschaften im niedrigen Zündkerzen-Temperaturbereich mit der Widerstandsfähigkeit gegen die Hitze im Hochtemperaturbereich und erfüllt die Anforderungen sämtlicher verschiedener Temperaturen. (Alle Typen.)



THE 0.4 MM-RADIUS MICRO-MITTELELEKTRODE Wir haben die Spitze der Mittelelektrode

durch die Verwendung unserer "neuartigen Iridium-Legierung"- einem Material mit besonders hohem Schmelzpunkt - auf ein Minimum reduziert. Die erforderliche Zündspannung wurde verringert, was die Zündleistung enorm verbesserte. Die verwendete Iridium-Legierung ist ein spezielles Material, das eigens von DENSO entwickelt wurde. Patente dafür wurden in Japan (2877035) und Grossbritannien (2302367). (Alle Typen.)



GRÖSSE DES MITTELELEKTRODEN-ÜBERSTANDS

Zur Steigerung der Zündreaktion steht die Mittelelektrode weiter heraus als bei den Standardtypen. Dies hat den Vorteil, dass die Reaktion auf das Gas gesteigert und dadurch die Gesamtbeschleunigung erhöht wird. (Nur bei IUH24, IUH27, IX22, IX24, IX27, IUF22, IUF24, IWF22, IWF 24, IWF 27, IW 24, IW 27, IW 29, IW 31 und IW 34)

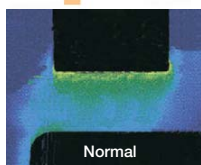
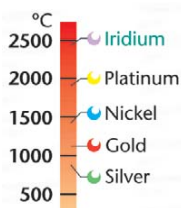
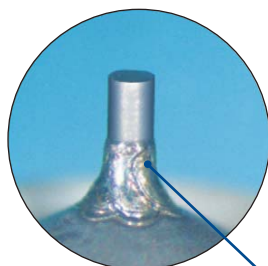
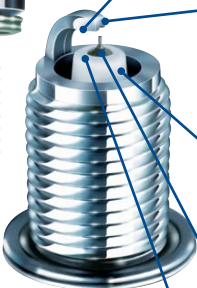


KREISBOGEN-LASERSCHWEISSEN

Zur Fertigung verwenden wir das "Kreisbogen-Laserschweissverfahren", wodurch die Zündkerzen dank der zuverlässigen Iridium-Nahtverbindungen selbst den härtesten Fahrbedingungen mühelos widerstehen. (Alle Typen.)

ZÜNDSPANNUNG

Je kleiner die Elektrode, desto mehr konzentriert sich das Spannungspotential und desto stärker wird das elektrische Feld, wodurch die Zündspannung herabgesetzt wird. Dies führt zu einer gleichmässigen Verbrennung in allen Fahrbereichen und hat verbesserte Anlass- und Beschleunigungseigenschaften zur Folge.





IRIDIUM POWER

F IRIDIUM POWER améliore tous les aspects de toutes les performances de votre auto - de l'accélération à la réponse de l'accélérateur à la stabilité dans les virages en passant par le kilométrage - grâce à l'électrode centrale en iridium de 0,4 mm, qui fournit un excellent allumage et une basse tension de l'étincelle inductive. Faites aussi confiance à cette bougie sur les circuits de course, elle vous servira de protection virtuelle, victoire après victoire. Les passionnés de randonnées seront eux aussi satisfaits de sa conduite confortable sur les long parcours et de sa basse consommation de carburant.



CARACTÉRISTIQUES DE LA BORNE DE RACCORDEMENT

Elle est munie d'un écrou de borne qui la rend compatible avec tous les codes de bougie, mais qui peut être enlevé s'il est inutile (sur tous les types).



RÉSISTANCES INTERNES FIABLES IRIDIUM POWER

est spécifique pour les résistances de 5kΩ sur tous les types. Elle est aussi munie d'une résistance interne monobloc fiable. Elle protège les appareils électroniques de tous les bruits. (Sur tous les types).



PLACAGE AU NICKEL BRILLANT ANTI-CORROSION

Le même placage au nickel brillant que celui qui est utilisé en course recouvre le logement et garantit une haute protection contre la corrosion. Cela signifie qu'il n'y a aucun risque de rouille pendant les randonnées sous la pluie ou au cours des compétitions de motocross. (Ne peut pas être appliqué sur IW16, IW20, IW22, IXU22, ni sur IXU24.)



ELECTRODE DE MASSE TRONCONIQUE (Tronconique)

L'extrémité de l'électrode de masse est tronconique. Grâce à la diminution de l'action anti-inflammatoire le rendement de l'allumage est considérablement accru. La forme tronconique permet au mélange air-carburant de s'écouler de façon plus régulière ce qui garantit un allumage plus régulier. (Ne peut pas être appliqué sur IU24A, IU27A, IU31A, IUF27A et sur IUF31A.)



ELECTRODE DE MASSE À RAINURE EN U (U-Groove)

Une rainure en U est prévue à l'intérieur de l'électrode de masse afin de fournir l'espace nécessaire à la formation du noyau de l'étincelle. De remarquables capacités d'allumage ont été obtenues en augmentant l'écartement des pointes tout en conservant la basse tension de l'étincelle inductive. (Brevet international obtenu en 1975). (Ne peut pas être appliqué sur IU24A, IU27A, IU31A, IUF27A et sur IUF31A.)



SAILLIE EN PORCELAINE

Nous avons conçu la saillie en porcelaine en utilisant une valeur thermique de la bougie permettant d'obtenir les valeurs les plus adéquates. Il est possible d'associer ainsi les propriétés autonettoyantes des bougies ayant une valeur thermique basse et la résistance à la chaleur des bougies ayant une valeur thermique élevée afin de s'adapter de façon satisfaisante à tous les besoins de la valeur thermique. (Tous les types.)



L'ELECTRODE CENTRALE À L'IRIDIUM AYANT MICRO RAYON DE 0,4 MM

Nous avons porté la dimension de la pointe de l'électrode centrale à quelques microns grâce à notre "nouvel alliage d'iridium" qui a un point de fusion élevé. La tension de l'étincelle inductive a été diminuée ce qui a énormément amélioré la qualité de l'allumage. L'alliage d'iridium utilisé est un matériau développé à l'origine par DENSO, qui a déposé un brevet au Japon (2877035) et au Royaume-Uni (2302367). (Tous les types.)



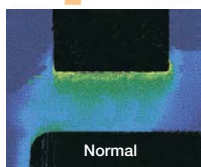
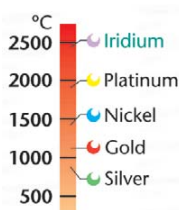
DIMENSION DE LA PROTUBÉRANCE DE L'ELECTRODE

Pour augmenter la réponse à l'allumage, la protubérance de l'électrode centrale est plus importante que sur les électrodes traditionnelles. Cela a le mérite d'augmenter la réactivité du démarreur et, par conséquent, d'améliorer l'accélération dans son ensemble. (Uniquement sur IUH24, IUH27, IX22, IX24, IX27, IUF22, IUF24, IWF22, IWF24, IWF27, IW24, IW27, IW29, IW31, et sur IW34.)



SOUDURE LASER DE LA CIRCONFÉRENCE

Nous avons effectué la "soudure laser de la circonférence" car elle peut résister aux pires conditions de conduite grâce à ces points de soudure extrêmement stables. (Tous les types.)



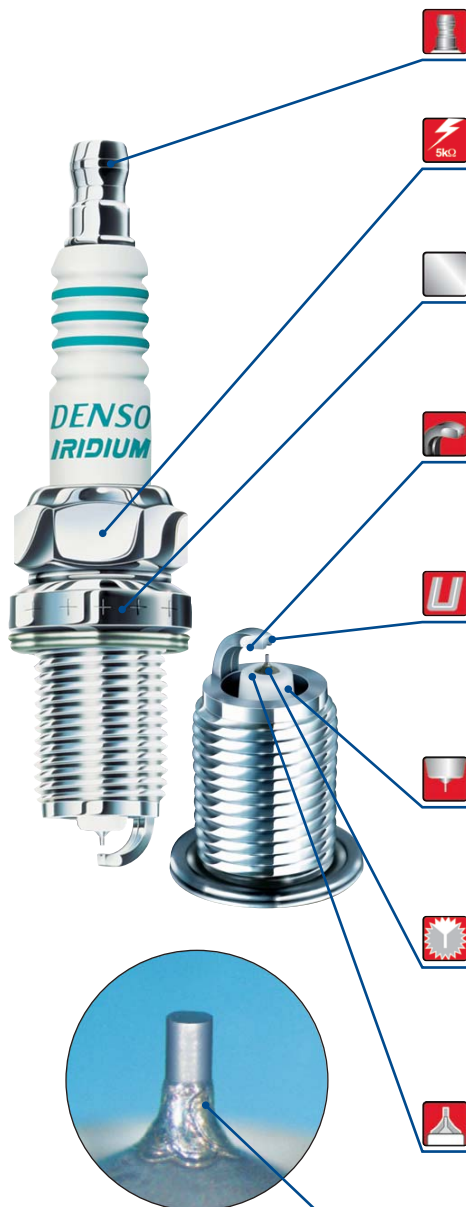
TENSION DE L'ÉTINCELLE INDUCTIVE

Plus l'électrode est fine, plus son potentiel est concentré et plus le champ électrique est fort, diminuant ainsi la tension de l'étincelle inductive. Cela permet d'obtenir une combustion constante dans toutes les aires de conduite et d'améliorer le démarrage et l'accélération.



IRIDIUM POWER

E IRIDIUM POWER mejorará todos los aspectos del rendimiento de su motocicleta, desde la aceleración y respuesta al abrir gas a la estabilidad en curvas y kilometraje, gracias al electrodo central de iridio más pequeño del mundo, con 0,4 mm, que le proporciona un encendido de alto nivel y un voltaje de disparo bajo. Puede contar con esta bujía en cualquier situación, también en el circuito, garantizándole virtualmente victoria tras victoria. Los conductores normales estarán también encantados con su larga duración y comodidad así como su bajo consumo.



ESPECIFICACIÓN DE LA SUJECIÓN DEL TERMINAL

Incorpora una tuerca del terminal que la hace compatible con todos los códigos de bujías, pero que puede dismontarse si fuera necesario. (En todos los tipos)



RESISTORES INTERNOS DE CONFIANZA IRIDIUM POWER

está especificado para resistores de 5kΩ en todos los tipos. Además dispone de un resistor monolítico interno de absoluta confianza. Cierra cualquier ruido hacia el equipo electrónico. (Todos los tipos)



PLATEADO DE NÍQUEL BRILLANTE ANTICORROSIVO

El mismo plateado de níquel de alto brillo que se utiliza para la competición es el que se utiliza en el alojamiento, y se obtiene un alto nivel de anticorrosión. Esto significa que no se acumulará óxido incluso si se utiliza durante tiempo lluvioso o para la práctica del motocross. (No aplicable a IW16, IW20, IW22, IXU22 y IXU24)



ELECTRODO DE MASA CÓNICO (Cotre cónico)

El electrodo de masa la punta cortado como un cono fino. El reducir la acción anti inflamatoria aumenta sobremanera el rendimiento del encendido. El cono racionalizado hace que la mezcla aire combustible fluya más suavemente, garantizando un encendido más consistente. (Non aplicable a IU24A, IU27A, IU31A, IUF27A y IUF31A)



ELECTRODO DE MASA CON RANURA EN U (U-Groove)

La ranura en forma de U se ha establecido en el interior del electrodo de masa para crear el volumen de espacio necesario para la formación del núcleo de la chispa. Se ha obtenido un soberbio rendimiento en el encendido sin aumentar el espacio de chispa y al mismo tiempo manteniendo la tensión de disparo baja. (Patente mundial adquirida en 1975). (No aplicable a IU24A, IU27A, IU31A, IUF27A y IUF31A)



PROYECCIÓN DE PROCELANA

Hemos diseñado una proyección de porcelana utilizando un rango de calentamiento de bujía que logra los valores más apropiados. Combina las propiedades de auto limpieza del rango bajo de calentamiento de bujía y la termorresistencia del rango alto de calentamiento de la bujía para cubrir satisfactoriamente todas las necesidades del rango de calentamiento de las bujías. (Todos los tipos)



ELECTRODO CENTRAL DE IRIDIO DE MICRO RADIO DE 0,4 MM

Hemos reducido la punta del electrodo central a una escala microscópica mediante el empleo de nuestra "nueva aleación de iridio" un material con un altísimo grado de fusión. La tensión de disparo se ha reducido, lo que mejora sobremanera el rendimiento del encendido. La aleación de iridio empleada es un material especializado desarrollado originalmente por DENSO con patentes en Japón (2877035) y el Reino Unido (2302367). (Todos los tipos).



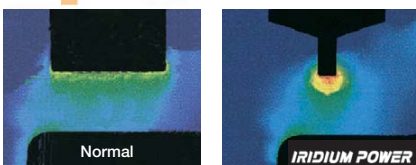
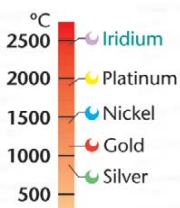
CANTIDAD DE PROTUBERANCIA DEL ELECTRODO CENTRAL

Para aumentar la respuesta al encendido, el electrodo central sobresale más que el tipo estándar. Esto ofrece la ventaja de aumentar la respuesta de la válvula de gases, mejorando con ello la aceleración total. (Sólo en IUH24, IUH27, IX22, IX24, IX27, IUF22, IUF24, IWF22, IWF 24, IWF 27, IW 24, IW 27, IW 29, IW 31 y IW 34)



SOLDADURA POR LÁSER DE LA CIRCUNFERENCIA

Hemos empleado "soldadura por láser de circunferencia" que puede soportar incluso condiciones más duras de conducción gracias a las juntas de iridio de gran fiabilidad. (Todos los tipos)



TENSIÓN DE PISPARO

Cuanto más fino sea el electrodo más concentrado estará el potencial y más fuerte será el campo eléctrico, reduciendo la tensión de disparo. Esto da lugar a una combustión constante en todas las áreas de conducción, y un arranque y aceleración mejorados.



IRIDIUM POWER

P IRIDIUM POWER melhorará os rendimentos da vossa motocicleta sob todos os aspectos possíveis, desde a aceleração e a resposta do acelerador até a estabilidade em curva, a quilometragem, graças ao eléctrodo central de 0,4 mm em irídio, o menor do mundo, que permite uma ignição a alto nível e uma baixa tensão da descarga eléctrica. Pode-se confiar nesta vela mesmo no circuito de corrida, porque lhes garantirá potencialmente uma vitória depois da outra. Os apaixonados de viagens permanecerão também satisfeitos da condução confortável em longas distâncias edo baixo consumo de combustível.



ESPECÍFICAS DO ENGATE TERMINAL

O produto é fornecido com um dado terminal que o rende compatível com todos os códigos das velas, mas, permite também a remoção, caso não seja necessário. (Em todos os modelos).



RESISTORES INTERNOS DE CONFIANÇA

IRIDIUM POWER é particularmente adequada a resistores 5kΩ em todos os modelos. É também adequada de um resistor interno de confiança, a bloco único que protege a aparelhagem electrónica de qualquer tipo de ruído. (Todos os modelos).



REVESTIMENTO ANTI-CORROSIVO EM NÍQUEL LUCIDADO

O mesmo revestimento em níquel de alto brilho utilizado para as corridas é aplicado no alojamento e permite de obter um alto nível de anti-corrosão. Isto significa que o produto não se enferrujará, mesmo se utilizado para viagens sob a chuva ou durante as corridas de motocross. (Não aplicável a IW16, IW20, IW22, IXU22, e IXU24)



ELÉCTRODO DE MASSA CÓNICO (Corte-cónico)

A extremidade do eléctrodo de massa é caracterizada por uma forma cortada cónica sutil. A redução da acção anti-ignição aumentou de maneira notável o rendimento da ignição. O corte aerodinâmico rende, maiormente deslizante o fluxo da mistura de ar e combustível garantido uma maior constância na ignição. (Não aplicável a IU24A, IU27A, IU31A, IUF27A, e IUF31A.)



ELÉCTRODO DE MASSA COM ENTALHE A FORMA DE U (U-Groove)

No interno do eléctrodo de massa foi praticado um entalhe a forma de U que cria o espaço necessário para a formação do núcleo da faísca. Obtém-se uma ignição excelente sem aumentar a distância entre os eletrodos da vela, mantendo ao mesmo tempo uma baixa tensão da descarga eléctrica. (Patente internacional obtida em 1975). (Não aplicável a IU24A, IU27A, IU31A, IUF27A e IUF31A.)



SALIÊNCIA EM PORCELANA

Projectamos a saliência em porcelana utilizando uma gama de valor térmico da vela que permite de obter os valores mais apropriados, realizando a combinação das características de auto-limpeza que são típicas das velas com valor térmico mais baixo com a resistência ao calor das velas com valor térmico mais alto para adaptar-se de modo satisfatório em todas as necessidades de valor térmico da vela. (Todos os modelos).



MICRO-ELÉCTRODO CENTRAL EM IRÍDIO COM RAIO DE 0,4 MM

Reduzimos a extremidade do eléctrodo central de alguns micron utilizando a nossa nova liga de irídio, um material com elevado ponto de fusão. A tensão da descarga eléctrica foi reduzida, me horando de maneira notável a qualidade da ignição. A liga de irídio utilizada é um material especial desenvolvido originariamente pela DENSO que depositou também patentes no Japão (2877035) e no Reino Unido (2302367). (Todos os modelos)



DIMENSÕES DA SALIÊNCIA DO ELÉCTRODO CENTRAL

Para aumentar a resposta da ignição, o eléctrodo central ressalta mais em relação ao modelo tradicional. Isto há a vantagem de aumentar a sensibilidade do acelerador, melhorando aceleração no seu conjunto. (Somente em IUH24, IUH27, IX22, IX24, IX27, IUF22, IUF24, IWF22, IWF24, IWF27, IW24, IW27, IW29, IW31, e IW34.)

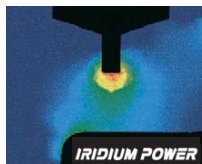
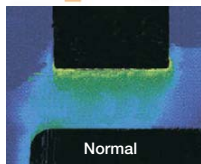
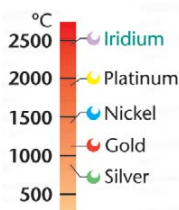
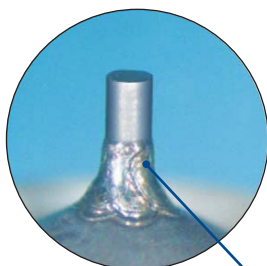


SOLDADURA COM LASER DA CIRCONFERÊNCIA

Utilizamos a soldadura com laser com uma circunferência que pode resistir as piores condições de condução graças aos pontos de soldadura em irídio altamente confiáveis. (todos os modelos)

TENSÃO DA DESCARGA ELÉCTRICA

Quanto, mas fino seja o eletrodo, mas concentrado estará o potencial e, mas forte será o campo eléctrico, reduzindo a tensão de disparo. Isto da lugar numa combustão constante em todas as áreas de condução, e um arranque e aceleração melhorados.





IRIDIUM POWER®

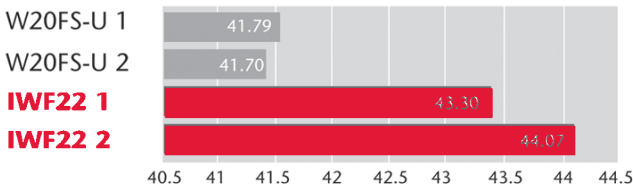


Utilizzando il primo elettrodo centrale all'iridio al mondo, da 0,4 mm di diametro, la candela Iridium Power offre una capacità di accensione eccezionale e richiede una tensione poco elevata, garantendo alla propria automobile delle prestazioni migliori:

- **Miglior rendimento**
L'Iridium Power utilizza bassa tensione e garantisce un'elevata capacità di accensione, il che significa meno accensioni mancate e nessuna pre-accensione, fornendo così un sensibile miglioramento della combustione e aumentando di conseguenza la resa del motore.
- **Migliore accelerazione**
Grazie ad una capacità di accensione stabile, le prestazioni in fatto di accelerazione vengono sensibilmente migliorate.
- **Maggiore potenza**
L'elettrodo centrale da 0,4 mm contribuisce all'aumento di potenza nelle condizioni di guida più svariate.
- **Riduzione del consumo di combustibile**
Anche durante le pause d'accensione, viene garantita una maggiore potenza, con una riduzione nel consumo di carburante e una minore rumorosità.

Comparazione del consumo di carburante

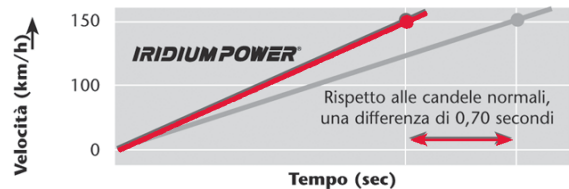
Dati: Comparazione effettuata presso l'azienda



Veicolo del test: Honda DIO (2 tempi, monocilindrica, raffreddata ad aria, 50 cc)
Condizioni del test: Velocità 30 km/h, peso al completo 120 kg. Tempo di misurazione: 10 minuti. Velocità dell'aria di raffreddamento: 30 km/h

Iridium Power, data sul miglioramento dell'accelerazione

Dati: Comparazione effettuata presso l'azienda



Veicolo del test: 250 cc (2 tempi, raffreddato ad acqua, 2 cilindri a V)
Condizioni del test: Cambio fisso in 6a marcia, accelerazione a fondo corsa, da 50 km/h, utilizzando il dispositivo di guida automatico.

IRIDIUM POWER®

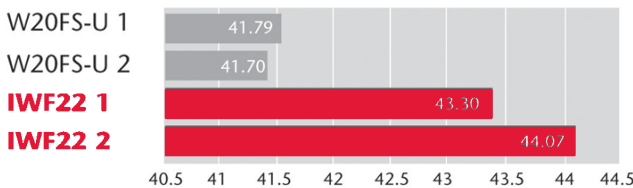


Using the world's first 0.4mm dia. Iridium center electrode, Iridium Power displays superb ignitability and low required voltage, drawing out better performance from your car:

- **Improved output**
Iridium Power has a low required voltage and a high ignitability, resulting in less misfiring and no spar, the outcome being a dramatic improvement in combustion. Engine output is thus increased.
- **Improved acceleration**
With steady ignitability, acceleration performance is improved dramatically.
- **Improved power**
The 0.4mm center electrode increases output under various driving conditions
- **Lower fuel consumption**
Even during idling ignition more output is assured, with less fuel consumption and less noise

Fuel Consumption Comparison Test

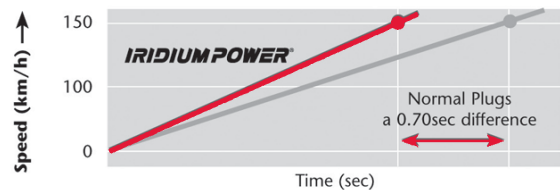
Data: In-Company Comparison



Test Vehicle: Honda DIO (2cycle, Single Cylinder, Air Cooled 50 cc)
Test Conditions: Speed 30 km/h, F/W 120 kg. Measured Time 10 minutes. Cooling Air Speed 30 km/h.

Iridium Power, Improved Acceleration

Data: In-Company Comparison



Test Vehicle: 250cc (2 cycle water-cooled, V2 cylinders)
Test Conditions: Fixed at 6th Gear, Full open acceleration from 50 km/h using automatic Driving Device.

DENSO



MAGNETI MARELLI

IRIDIUM POWER®

D

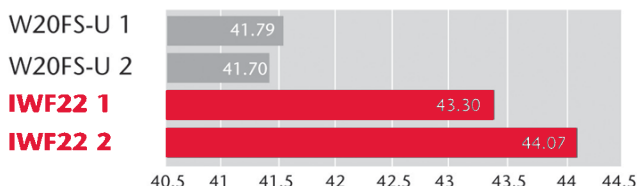
Unter Verwendung der weltweit kleinsten Mittelelektrode von 0,4 mm Durchmesser, besitzt die Iridium Power Zündkerze eine ausgezeichnete Zündleistung auch bei niedriger Spannung und holt damit eine bessere Leistung aus Ihrem Auto heraus:



- **Verbesserte Leistung**
Iridium Power besitzt auch bei niedriger Spannung eine hohe Zündfähigkeit, dies führt zu weniger Fehlzündungen und vermindert Fehlfunktionen. Das Ergebnis ist eine drastische Verbesserung der Verbrennung und einer Verbesserung der Motorleistung.
- **Verbesserte Antriebsleistung**
With steady ignitability, acceleration performance is improved dramatically.
- **Improved power**
Die 0,4-mm-Mittelelektrode verbessert die Leistung unter verschiedenen Fahrbedingungen.
- **Geringerer Kraftstoffverbrauch**
Sogar während des Leerlaufs ist Zündleistung sichergestellt, mit niedrigerem Kraftstoffverbrauch und geringeren Nebengeräuschen.

Testergebnisse zum Kraftstoffverbrauch

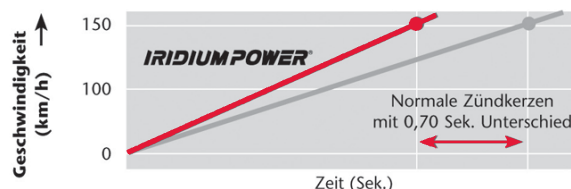
Daten: Firmeninterner Vergleich



Testfahrzeug: Honda DIO (2-Takter, Einzylinder, luftgekühlt 50 ccm)
Testbedingungen: Geschwindigkeit 30 km/h, F/W 120 kg, Messzeit 10 Minuten. Kühlluftgeschwindigkeit 30 km/h

Iridium Power, verbesserte Beschleunigung

Daten: Firmeninterner Vergleich



Testfahrzeug: 250 ccm (2-Takter, wassergekühlt, V2-Zylinder)
Testbedingungen: Fest im 6. Gang, voll geöffnetes Gaspedal ab 50 km/h mit automatischem Steuergerät.

IRIDIUM POWER®

F

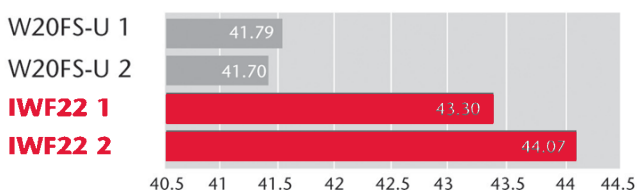
Utilisant pour la première fois au monde un diamètre de l'électrode centrale de 0,4 mm, l'Iridium Power, possède une grande sensibilité à l'allumage et requiert une faible tension permettant à votre véhicule d'améliorer ses performances.



- **Meilleurs résultats**
L'Iridium Power requiert une faible tension et possède une grande sensibilité à l'allumage, d'où peu de ratés et pas d'à-coups. La combustion est sensiblement optimisée. Le moteur produit de meilleures performances.
- **Meilleure accélération**
Grâce à une sensibilité stable à l'allumage, l'accélération est considérablement améliorée.
- **Plus de puissance**
L'électrode centrale de 0,4 mm améliore les performances, quelles que soient les conditions de conduite.
- **Consommation plus faible**
Même au ralenti, les performances sont accrues, nécessitant moins de carburant et réduisant le bruit.

Résultats des test de comparaison de la consommation de carburant

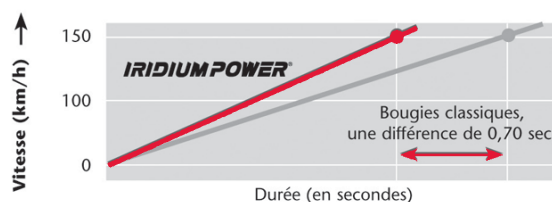
Données: Comparaison effectuée en interne



Véhicule testé: Honda DIO (2 temps, monocylindre, 50 cc à refroidissement par air)
Conditions du test: Vitesse de 30 km/h, F/W 120 kg. Temps mesuré de 10 minutes. Vitesse d'air de refroidissement de 30 km/h.

Iridium Power, Données d'accélération améliorée

Données: Comparaison effectuée en interne



Véhicule testé: 250 cc (2 temps, refroidissement par eau, 2 cylindres en V)
Conditions du test: Fixe en 6^{ème}, pleine accélération à partir de 50 km/h en utilisant un dispositif de pilotage automatique.



IRIDIUM POWER®

E

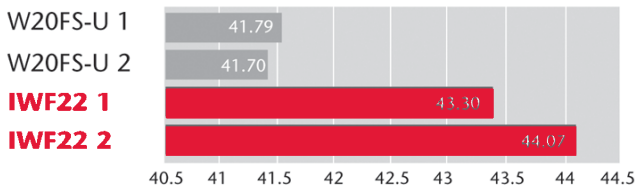
Utilizando el primer electrodo central de iridio de 0.4mm de diámetro, Iridium Power muestra un excelente encendido y requiere de un bajo voltaje, logrando un mejor rendimiento de su automóvil:

- **Rendimiento mejorado**
Iridium Power requiere bajo voltaje y cuenta con alto encendido, reduciéndose así tanto los fallos de encendido como las chispas fallidas, resultando en una sustancial mejora de la combustión. Por lo tanto, se aumenta el rendimiento del motor.
- **Aceleración mejorada**
El encendido estable aumenta considerablemente el rendimiento de aceleración.
- **Mayor potencia**
El electrodo central de 0,4 mm aumenta el rendimiento bajo diversas condiciones de conducción.
- **Menor consumo de combustible**
Aún con un encendido sin carga se asegura un mayor rendimiento, con menor consumo de combustible y menos ruido



Datos de prueba de comparación de consumo de combustible

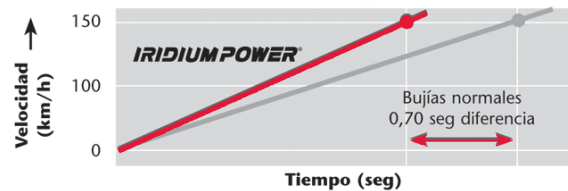
Datos: Prueba en cámara



Vehículo de prueba: Honda DIO (2 tiempos, un solo cilindro, refrigerado por aire 50 cc)
Condiciones de prueba: Velocidad 30 km/h, F/W 120 kg, tiempo medido: 10 minutos. Velocidad de aire refrigerante 30 km/h.

Iridium Power, datos de mejora de aceleración

Datos: Prueba en cámara



Vehículo de prueba: 250cc (2 tiempos refrigerado por agua, 2 cilindros en V)
Condiciones de prueba: Fijado en la 6ª marcha, aceleración total 50 km/h utilizando dispositivos de conducción automática.

IRIDIUM POWER®

P

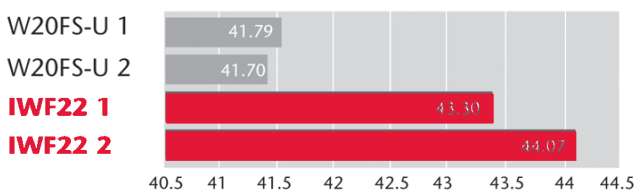
Utilizando o primeiro eléctrodo central ao irídio ao mundo, de 0,4 mm de diámetro, a vela Iridium Power oferece uma capacidade de ignição excepcional e pede uma tensão pouco elevada, garantindo ao próprio automóvel as melhores performances:

- **Melhor rendimento**
O Iridium Power utiliza baixa tensão e garante uma elevada capacidade de ignição, o que significa menos ignições falhadas e nenhuma pré-ignição, fornecendo assim um sensível melhoramento da combustão e aumentando de consequência o rendimento do motor.
- **Melhor aceleração**
Graças a uma capacidade de ignição estável, as performances em facto de aceleração são sensivelmente melhoradas.
- **Maior potência**
O eléctrodo central de 0,4 mm contribui ao aumento de potência nas mais variadas condições de condução.
- **Redução do consumo de combustível**
Mesmo durante as pausas de ignição, é garantida uma maior potência, com uma redução no consumo de combustível e um menor ruído.



Comparação do consumo de combustível

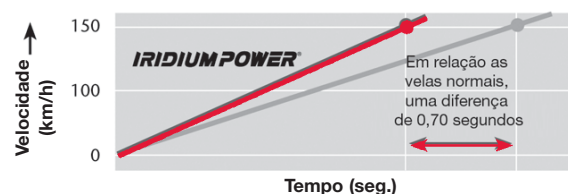
Dados: Comparação efectuada na empresa



Veículo do ensaio: Honda DIO (2 tempos, mono cilíndrica, arrefecida com ar, 50 cc)
Condições do ensaio: Tempo de medida: 10 minutos. Velocidade do ar de arrefecimento: 30 km/h

Iridium Power, data sobre o melhoramento da aceleração

Dados: Comparação efectuada na empresa



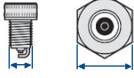





Veículo do ensaio: 250 cc (2 tempos, arrefecido com água, 2 cilindros a V)
Condições do ensaio: Caixa de velocidades fixa na 6ª velocidade, aceleração ao fundo de curso, de 50 km/h, utilizando o dispositivo de condução automático.



IDENTIFICAZIONE DELLE CANDELE D'ACCENSIONE DENSO

I

Candele convenzionali / Candele al platino / Candele all'iridio

W	16	E	X	R	-U	11																																																				
																																																										
Diametro del filetto e dimensione della profilatura esagonale	Gamma di temperature	Braccio filetto	Disegno dell'elettrodo	Costruzione interna	Configurazione della distanza	Distanza della scintilla																																																				
<p><Diametro filetto X dimensione profilatura esagonale> (mm)</p> <p>FK 14x16.0 (Candela a capacità d'accensione superiore)</p> <p>*J 14x20.8 (Candela a proiezione)</p> <p>L 18x22.2 (Portata 12 mm)</p> <p>M 18x25.4 (Portata 12 mm)</p> <p>MA 18x20.8 (Sede conica; portata 12 mm)</p> <p>MW 18x20.8 (Portata 12 mm)</p> <p>N 10x16.0</p> <p>*K 14x16.0</p> <p>*KJ 14x16.0 (Candela a proiezione)</p> <p>*P 14x20.8 (Candela al platino)</p> <p>PK 14x16.0 (Candela al platino)</p> <p>*PKJ 14x16.0 (Candela al platino; a proiezione)</p> <p>*PQ 14x16.0 (Candela al platino)</p> <p>*PT 14x16.0 (Candela al platino; sede conica)</p> <p>*PTJ 14x16.0 (Candela al platino; a proiezione; sede conica)</p> <p>*Q 14x16.0</p> <p>*QJ 14x16.0 (Candela a proiezione)</p> <p>*QL 14x16.0 (Alloggiamento a cilindro allungato)</p> <p>S 14x20.8 (Candela a distanza di superficie)</p> <p>SF 14x20.8 (Candela a distanza di superficie)</p> <p>*S 14x20.8 (Iridio 0,7 mm)</p> <p>*SK 14x16.0 (Iridio 0,7 mm)</p> <p>*SKJ 14x16.0 (Iridio 0,7 mm; a proiezione)</p> <p>*SV 14x16.0 (Iridio 0,4 mm; elettrodo al platino di messa a terra)</p> <p>*SVK 14x16.0 (Iridio 0,4 mm; elettrodo al platino di messa a terra)</p> <p>*SXU 12x16.0</p> <p>T 14x16.0 (Sede conica)</p> <p>TR 14x20.8 (Per applicazioni marine; portata 12,7 mm)</p> <p>U 10x16.0</p> <p>U 10x14.0 (Soltanto U20M-U)</p> <p>*VK 14x16.0 (Iridio 0,4 mm; elettrodo al platino di messa a terra)</p> <p>*VKJ 14x16.0 (Iridio 0,4 mm; elettrodo al platino di messa a terra; a proiezione)</p> <p>*VW 14x120.8 (Iridio 0,4 mm; elettrodo al platino di messa a terra)</p> <p>W 14x20.8</p> <p>..... 14x19.0 (Tipo compatto)</p> <p>X 12x18.0</p> <p>XE 12x14.0</p> <p>XU 12x16.0</p> <p>Y 8x13.0</p> <p>Z 1/2 Pfx23.8 (Iridio 0,55 mm)</p> <p>ZXE 12x14.0 (Iridio 0,55 mm)</p> <p>ZXU 12x16.0 (Iridio 0,55 mm)</p> <p>ZT 14x16.0 (Iridio 0,55 mm)</p> <p>* Portata del filetto 19,0 mm</p>	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>2</td> <td>18</td> <td>10</td> </tr> <tr> <td>16</td> <td>4</td> <td>16,14</td> <td>9</td> </tr> <tr> <td>14</td> <td>5</td> <td>12,11</td> <td>8</td> </tr> <tr> <td>20</td> <td>6</td> <td>10,9</td> <td>7,6</td> </tr> <tr> <td>22</td> <td>7</td> <td>8,7</td> <td>5</td> </tr> <tr> <td>24</td> <td>8</td> <td>6,63,61</td> <td>4</td> </tr> <tr> <td>27</td> <td>9</td> <td>4,59</td> <td>3</td> </tr> <tr> <td>29</td> <td>9,5</td> <td>57</td> <td></td> </tr> <tr> <td>31</td> <td>10</td> <td>55</td> <td>2</td> </tr> <tr> <td>32</td> <td>10,5</td> <td>53</td> <td></td> </tr> <tr> <td>34</td> <td>11</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>11,5</td> <td></td> <td></td> </tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	W	2	18	10	16	4	16,14	9	14	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			<p>A 19.0mm (Posizione dell'elettrodo: 7 mm)</p> <p>..... 21.5mm</p> <p>B 19.0mm (Posizione dell'elettrodo: 9,5mm)</p> <p>C 19.0mm (Posizione dell'elettrodo: 5mm)</p> <p>D 19.0mm (Copertura da 2 mm)</p> <p>E (Guarnizione) 19.0mm</p> <p>..... 20.0mm</p> <p>E (Sede conica) 17.5mm</p> <p>F 12.7mm</p> <p>FE 19.0mm (Semi-filetto)</p> <p>G 19.0mm (Copertura da 2 mm)</p> <p>..... 19.0mm (Copertura da 2,8mm)</p> <p>H 19.0mm (Posizione dell'elettrodo: 8,5mm)</p> <p>..... 26.5mm</p> <p>L 11.2mm</p> <p>M 8.6mm</p> <p>N (Sede conica) 17.5mm (Semi-filetto)</p> <p>V (Sede conica) 25.0mm</p> <p><Nessuno> (Guarnizione)</p> <p>..... 9.5mm</p> <p>..... 11.2mm</p> <p>..... 19.0mm</p> <p>..... 21.5mm</p> <p><Nessuno> (Sede conica)</p> <p>..... 8.3mm</p> <p>..... 11.2mm</p>	<p>A Elettrodi a doppia messa a terra</p> <p>A Elettrodi obliqui di messa a terra (Per competizione)</p> <p>AY Elettrodi a doppia messa a terra; profilo curvato</p> <p>B Elettrodi a tripla messa a terra</p> <p>BG Elettrodi a tripla messa a terra (Coperto)</p> <p>D A proiezione (Proiezione da 2,0 mm)</p> <p>A proiezione (Proiezione da 1,5 mm, proiezione totale elettrodo 3,5 mm)</p> <p>K Proiezione dell'isolatore: 1 mm</p> <p>LM Tipo compatto (Dimensione esagonale 20,6 mm)</p> <p>M Lunghezza della testa dell'isolatore accorciata</p> <p>N Tipo per competizione (Elettrodo al nichel)</p> <p>Pt Tipo per competizione (Elettrodi al platino)</p> <p>P A proiezione (Proiezione da 1,5 mm)</p> <p>S Non a proiezione</p> <p>T Elettrodi a doppia messa a terra</p> <p>TM Elettrodi a doppia messa a terra</p> <p>V Elettrodo inclinato di messa a terra</p> <p>X Ad extra-proiezione (Proiezione da 2,5mm)</p>	<p>R Resistore</p> <p><Nessuno></p> <p>Non resistore</p> <p><eccezione></p> <p>S29, S29A entrambi con resistore</p>	<p>-A Dimensione del platino incrementata sull'elettrodo di messa a terra</p> <p>-B Platino sull'elettrodo di messa a terra</p> <p>-C Elettrodo di messa a terra riduttore</p> <p>-E Platino sull'elettrodo di messa a terra</p> <p>-F Platino sull'elettrodo di messa a terra</p> <p>-G Filetto lubrificato (per applicazioni CNG)</p> <p>-GL Elettrodo centrale al platino</p> <p>-L Isolatore a proiezione da 3,5 mm</p> <p>Elettrodo centrale imprigionato</p> <p>-M Elettrodo a messa a terra incrementata</p> <p>-N Per Kawasaki e Yamaha</p> <p>-P Doppio strato di platino sull'elettrodo di messa a terra</p> <p>-S Distanza di semi-superficie</p> <p>-S Guarnizione d'acciaio inossidabile</p> <p>-TP Elettrodo centrale al platino; elettrodo conico di messa a terra</p> <p>-U Scanalatura ad "U" nell'elettrodo di messa a terra</p> <p>-US Elettrodo centrale a forma di stella; scanalatura ad "U" nell'elettrodo di messa a terra</p> <p>-V Elettrodo centrale al platino da 0,7 mm</p> <p>-Z Elettrodo conico di messa a terra</p> <p>-ZU Elettrodo centrale al platino da 0,7 mm; elettrodo conico di messa a terra</p>	<p>5 0.5mm (.020")</p> <p>8 0.8mm (.032")</p> <p>9 0.9mm (.035")</p> <p>10 1.0mm (.040")</p> <p>11 1.1mm (.044")</p> <p>13 1.3mm (.050")</p> <p>14 1.4mm (.055")</p> <p>15 1.5mm (.060")</p> <p>20 2.0mm (.080")</p> <p><Nessuno></p> <p>Automobili: 0,8 mm MC: 0,7 mm</p> <p><eccezione></p> <p>P16R, PQ16R, PQ20R sono d' 1,1 mm</p>
DENSO	NGK	CHAMPION	BOSCH																																																							
W	2	18	10																																																							
16	4	16,14	9																																																							
14	5	12,11	8																																																							
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IDENTIFYING DENSO SPARK PLUGS

GB

Conventional plugs / Platinum plugs / Iridium plugs

W	16	E	X	R	-U	11																																																				
Thread diameter and Hex size	Heat range	Thread reach	Electrode design	Internal construction	Gap Configuration	Spark gap																																																				
<p><Thread diameter X Hex size> (mm)</p> <p>FK14x16.0 (Super Ignitable Plug)</p> <p>*J14x20.8 (Projected plug)</p> <p>L18x22.2</p> <p>M18x25.4 (Reach 12mm)</p> <p>MA18x20.8 (Taper seat; Reach 12mm)</p> <p>MW18x20.8 (Reach 12mm)</p> <p>N10x16.0</p> <p>*K14x16.0</p> <p>*KJ14x16.0 (Projected plug)</p> <p>*P14x20.8 (Platinum plug)</p> <p>*PK14x16.0 (Platinum plug)</p> <p>*PKJ14x16.0 (Platinum plug; Projected)</p> <p>*PQ14x16.0 (Platinum plug)</p> <p>*PT14x16.0 (Platinum plug; Taper seat)</p> <p>*PTJ14x16.0 (Platinum plug; Projected; Taper seat)</p> <p>*Q14x16.0</p> <p>*QJ14x16.0 (Projected plug)</p> <p>*QL14x16.0 (Long cylinder housing)</p> <p>S14x20.8 (Surface gap plug)</p> <p>SF14x20.8 (Surface gap plug)</p> <p>*S14x20.8 (0.7mm Iridium)</p> <p>*SK14x16.0 (0.7mm Iridium)</p> <p>*SKJ14x16.0 (0.7mm Iridium; Projected)</p> <p>*SV14x16.0 (0.4mm Iridium; Platinum ground electrode)</p> <p>*SVK14x16.0 (0.4mm Iridium; Platinum ground electrode)</p> <p>*SXU12x1 6.0</p> <p>T14x16.0 (Taper seat)</p> <p>TR14x20.8 (Marine applications; Reach 12.7mm)</p> <p>U10x16.0</p> <p>U10x14.0 (U20M-U only)</p> <p>*VK14x16.0 (0.4mm Iridium; Platinum ground electrode)</p> <p>*VKJ14x16.0 (0.4mm Iridium; Platinum ground electrode; Projected)</p> <p>*VW14x120.8 (0.4mm Iridium; Platinum ground electrode)</p> <p>W14x20.8</p> <p>.....14x19.0 (Compact type)</p> <p>X12x18.0</p> <p>XE12x14.0</p> <p>XU12x16.0</p> <p>Y8x13.0</p> <p>Z1/2 PFX23.8 (0.55mm Iridium)</p> <p>ZXE12x14.0 (0.55mm Iridium)</p> <p>ZXU12x16.0 (0.55mm Iridium)</p> <p>ZT14x16.0 (0.55mm Iridium)</p>	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>2</td> <td>18</td> <td>10</td> </tr> <tr> <td>14</td> <td>4</td> <td>16,14</td> <td>9</td> </tr> <tr> <td>16</td> <td>5</td> <td>12,11</td> <td>8</td> </tr> <tr> <td>20</td> <td>6</td> <td>10,9</td> <td>7,6</td> </tr> <tr> <td>22</td> <td>7</td> <td>8,7</td> <td>5</td> </tr> <tr> <td>24</td> <td>8</td> <td>6,63,61</td> <td>4</td> </tr> <tr> <td>27</td> <td>9</td> <td>4,59</td> <td>3</td> </tr> <tr> <td>29</td> <td>9,5</td> <td>57</td> <td></td> </tr> <tr> <td>31</td> <td>10</td> <td>55</td> <td>2</td> </tr> <tr> <td>32</td> <td>10,5</td> <td>53</td> <td></td> </tr> <tr> <td>34</td> <td>11</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>11,5</td> <td></td> <td></td> </tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	W	2	18	10	14	4	16,14	9	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			<p>A19.0mm (Electrode position 7mm)</p> <p>.....21.5mm</p> <p>B19.0mm (Electrode position 9.5mm)</p> <p>C19.0mm (Electrode position 5mm)</p> <p>D19.0mm (Shroud 2mm)</p> <p>E (Gasket)19.0mm</p> <p>E (Taper seat)20.0mm</p> <p>F12.7mm</p> <p>FE19.0mm (Half thread)</p> <p>G19.0mm (Shroud 2mm)</p> <p>.....19.0mm (Shroud 2.8mm)</p> <p>H19.0mm (Electrode position 8.5mm)</p> <p>.....26.5mm</p> <p>L11.2mm</p> <p>M8.6mm</p> <p>N (Taper seat)17.5mm (Half thread)</p> <p>V (Taper seat)25.0mm</p> <p><None> (Gasket) 9.5mm</p> <p>.....11.2mm</p> <p>.....19.0mm</p> <p><None> (Taper seat) 21.5mm</p> <p>.....8.3mm</p> <p>.....11.2mm</p>	<p>A Double ground electrodes</p> <p>A Oblique ground electrodes (For Racing)</p> <p>AY Double ground electrodes; Bent shape</p> <p>B Triple ground electrodes</p> <p>BG Triple ground electrodes (Shrouded)</p> <p>D Projected (2,0 mm projection)</p> <p>Projected (1,5 mm projection, spark position 3,5 mm)</p> <p>K 1mm Insulator projection</p> <p>LM Compact type (Hex size 20.6mm)</p> <p>M Shortened insulator head length</p> <p>N Racing type (Nickel electrode)</p> <p>Pt Racing type (Platinum electrodes)</p> <p>P Projected (1.5mm projection)</p> <p>S Non-projected</p> <p>T Double ground electrodes</p> <p>TM Double ground electrodes</p> <p>V Slant ground electrode</p> <p>X Extra projected (2.5mm projection)</p>	<p>R Resistor</p> <p><None> Non-resistor</p> <p><exception> S29, S29A both have resistor</p>	<p>-A Increased platinum size on ground electrode</p> <p>-B Platinum on ground electrode</p> <p>-C Cut-back ground electrode</p> <p>-E Platinum on ground electrode</p> <p>-F Platinum on ground electrode</p> <p>-G Lubricated thread (for CNG applications)</p> <p>-GL Platinum center electrode</p> <p>-L 3.5mm projected insulator Tapered center electrode</p> <p>-M Increased ground electrode</p> <p>-N For Kawasaki and Yamaha</p> <p>-P Double layer of platinum on ground electrode</p> <p>-S Semi-surface gap</p> <p>-S Stainless steel gasket</p> <p>-TP Platinum center electrode; Tapered ground electrode</p> <p>-U U-groove in ground electrode</p> <p>-US Star shaped center electrode; U-groove in ground electrode</p> <p>-V 0.7mm platinum center electrode</p> <p>-Z Tapered ground electrode</p> <p>-ZU 0.7mm platinum center electrode; Tapered ground electrode</p>	<p>5 0.5mm (.020")</p> <p>8 0.8mm (.032")</p> <p>9 0.9mm (.035")</p> <p>10 1.0mm (.040")</p> <p>11 1.1mm (.044")</p> <p>13 1.3mm (.050")</p> <p>14 1.4mm (.055")</p> <p>15 1.5mm (.060")</p> <p>20 2.0mm (.080")</p> <p><None> Cars: 0.8mm MC: 0.7mm</p> <p><exception> P16R, PQ16R, PQ20R are 1.1mm</p>
DENSO	NGK	CHAMPION	BOSCH																																																							
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* Thread reach 19.0mm.



ERKENNEN VON DENSO-ZÜNDKERZEN

D

Konventionelle Zündkerzen/ Platin-Zündkerzen/ Iridium-Zündkerzen

W	16	E	X	R	-U	11																																																				
Gewindedurchmesser und Hex-Größe	Wärmebereich	Gewindebereich	Elektroden-Design	Innerer Aufbau	Elektroden-anordnung	Zündstrecke																																																				
<p><Gewindedurchmesser X Hex-Größe> (mm)</p> <p>FK14x16.0 (Sehr zündwillige Zündkerze)</p> <p>*J14x20.8 (Vorgezogene Funkenanlage)</p> <p>L18x22.2</p> <p>M18x25.4 (Bereich 12 mm)</p> <p>MA18x20.8 (Kegelsitz; Bereich 12 mm)</p> <p>MW18x20.8 (Bereich 12 mm)</p> <p>N10x16.0</p> <p>*K14x20.8</p> <p>*KJ14x16.0 (Vorgezogene Funkenanlage)</p> <p>*P14x20.8 (Platinzündkerze)</p> <p>*PK14x16.0 (Platinzündkerze)</p> <p>*PQ14x16.0 (Platinzündkerze)</p> <p>*PT14x16.0 (Platinzündkerze; Kegelsitz)</p> <p>*PTJ14x16.0 (Platinzündkerze; vorgezogen; Kegelsitz)</p> <p>*Q14x16.0</p> <p>*QJ14x16.0 (Vorgezogene Funkenanlage)</p> <p>*QL14x16.0 (Langes Zylindergehäuse)</p> <p>S14x20.8 (Gleitfunkenzündkerze)</p> <p>SF14x20.8 (Gleitfunkenzündkerze)</p> <p>*S14x20.8 (0,7 mm Iridium)</p> <p>*SK14x16.0 (0,7 mm Iridium)</p> <p>*SKJ14x16.0 (0,7 mm Iridium; vorgezogen)</p> <p>*SV14x16.0 (0,4 mm Iridium; Platin-Masseelektrode)</p> <p>*SVK14x16.0 (0,4 mm Iridium; Platin-Masseelektrode)</p> <p>*SXU12x1 6.0</p> <p>T14x16.0 (Kegelsitz)</p> <p>TR14x20.8 (Schiffsanwendungen; Bereich 12,7mm)</p> <p>U10x16.0</p> <p>U10x14.0 (nur U20M-U)</p> <p>*VK14x16.0 (0,4 mm Iridium; Platin-Masseelektrode)</p> <p>*VKJ14x16.0 (0,4 mm Iridium; Platin-Masseelektrode; vorgezogen)</p> <p>*VW14x120.8 (0,4 mm Iridium; Platin-Masseelektrode)</p> <p>W14x20.8 (Kompakttyp)</p> <p>X12x18.0</p> <p>XE12x14.0</p> <p>XU12x16.0</p> <p>Y8x13.0</p> <p>Z1/2 Pfx23.8 (0,55 mm Iridium)</p> <p>ZXE12x14.0 (0,55 mm Iridium)</p> <p>ZXU12x16.0 (0,55mm Iridium)</p> <p>ZT14x16.0 (0,55mm Iridium)</p> <p>* Gewindebereich 19,0 mm.</p>	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>2</td> <td>18</td> <td>10</td> </tr> <tr> <td>20</td> <td>6</td> <td>10,9</td> <td>7,6</td> </tr> <tr> <td>14</td> <td>4</td> <td>16,14</td> <td>9</td> </tr> <tr> <td>16</td> <td>5</td> <td>12,11</td> <td>8</td> </tr> <tr> <td>22</td> <td>7</td> <td>8,7</td> <td>5</td> </tr> <tr> <td>24</td> <td>8</td> <td>6,63,61</td> <td>4</td> </tr> <tr> <td>27</td> <td>9</td> <td>4,59</td> <td>3</td> </tr> <tr> <td>29</td> <td>9,5</td> <td>57</td> <td></td> </tr> <tr> <td>31</td> <td>10</td> <td>55</td> <td>2</td> </tr> <tr> <td>32</td> <td>10,5</td> <td>53</td> <td></td> </tr> <tr> <td>34</td> <td>11</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>11,5</td> <td></td> <td></td> </tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	W	2	18	10	20	6	10,9	7,6	14	4	16,14	9	16	5	12,11	8	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			<p>A19.0mm (Elektrodenposition 7 mm)</p> <p>.....21.5mm</p> <p>B19.0mm (Elektrodenposition 9,5 mm)</p> <p>C19.0mm (Elektrodenposition 5 mm)</p> <p>D19.0mm (Ummantelt 2 mm)</p> <p>E (Dichtring)</p> <p>.....19.0mm</p> <p>.....20.0mm</p> <p>E (Kegelsitz)17.5mm</p> <p>F12.7mm</p> <p>FE19.0mm (Halbes Gewinde)</p> <p>G19.0mm (Ummantelt 2 mm)</p> <p>.....19.0mm (Ummantelt 2,8mm)</p> <p>H19.0mm (Elektrodenposition 8,5 mm)</p> <p>L26.5mm</p> <p>M11.2mm</p> <p>N (Kegelsitz)8.6mm</p> <p>N (Kegelsitz)17.5mm (Halbes Gewinde)</p> <p>V (Kegelsitz)25.0mm</p> <p><Keine>(Dichtring)</p> <p>.....9.5mm</p> <p>.....11.2mm</p> <p>.....19.0mm</p> <p>.....21.5mm</p> <p><Keine> (Kegelsitz)</p> <p>.....8.3mm</p> <p>.....11.2mm</p>	<p>A Doppelte Masseelektroden</p> <p>A Schräge Masseelektroden (Für Rennsport)</p> <p>AY Doppelte Masseelektroden; gebogen</p> <p>B Dreifache Masseelektroden</p> <p>BG Dreifache Masseelektroden (Ummantelt)</p> <p>D Vorgezogen (2,0 mm vorgezogen)</p> <p>Vorgezogen (1,5 mm vorgezogen, Funkenlage 3,5 mm)</p> <p>K 1 mm vorstehender Isolator</p> <p>LM Kompaktausführung</p> <p>M Länge von kurzem Isolatorkopf</p> <p>N Rennausführung (Nickelelektrode)</p> <p>Pt Rennausführung (Platinelektroden)</p> <p>P Vorgezogen (1,5 mm vorgezogen)</p> <p>S Nicht vorgezogen</p> <p>T Doppelte Masseelektroden</p> <p>TM Doppelte Masseelektroden</p> <p>V Schräge Masseelektroden</p> <p>X Extra vorgezogen (2,5 mm vorgezogen)</p>	<p>R Widerstand</p> <p><Keine> Kein Widerstand</p> <p><Ausnahme> S29, S29A beide mit Widerstand</p>	<p>-A Erhöhte Platingröße auf Masseelektrode</p> <p>-B Platin auf Masseelektrode</p> <p>-C Rückgesetzte Masseelektrode</p> <p>-E Platin auf Masseelektrode</p> <p>-F Platin auf Masseelektrode</p> <p>-G Geschmiertes Gewinde (für Gasfahrzeuge)</p> <p>-GL Platin-Mittelelektrode</p> <p>-L 3,5 mm vorgezogener Isolator</p> <p>Eingeschlossene Mittelelektrode</p> <p>-M Erhöhte Masseelektrode</p> <p>-N Für Kawasaki und Yamaha</p> <p>-P Doppelte Platinschicht auf Masseelektrode</p> <p>-S Luftgleitfunken (Nickelelektrode)</p> <p>-S Edeltahldichtring</p> <p>-TP Platin-Mittelelektrode; konische Masseelektrode</p> <p>-U U-Rille in Masseelektrode</p> <p>-US Sternförmige Mittelelektrode; U-Rille in Masseelektrode</p> <p>-V 0,7 mm Platin-Mittelelektrode</p> <p>-Z Kegelförmige Masseelektrode</p> <p>-ZU 0,7 Platin-Mittelelektrode; kegelförmige Masseelektrode</p>	<p>5 0.5mm (.020")</p> <p>8 0.8mm (.032")</p> <p>9 0.9mm (.035")</p> <p>10 1.0mm (.040")</p> <p>11 1.1mm (.044")</p> <p>13 1.3mm (.050")</p> <p>14 1.4mm (.055")</p> <p>15 1.5mm (.060")</p> <p>20 2.0mm (.080")</p> <p><Keine> Fahrzeuge: 0,8 mm MC; 0,7 mm</p> <p><Ausnahme> P16R, PQ16R, PQ20R sind 1,1 mm</p>
DENSO	NGK	CHAMPION	BOSCH																																																							
W	2	18	10																																																							
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IDENTIFICATION DES BOUGIES DENSO

F

Bougies classiques/bougies en platine/bougies à l'iridium

W	16	E	X	R	-U	11																																																				
Diamètre du filetage et taille de l'hexagone	Plage thermique	Profondeur de filetage	Design de l'électrode	Construction interne	Configuration de l'écartement	Écartement des pointes																																																				
<p><Diamètre du filetage X taille hexagone> (mm)</p> <p>FK 14x16.0 (Bougie d'allumage Supers)</p> <p>*J 14x20.8 (Bougie projetée)</p> <p>L 18x22.2</p> <p>M 18x25.4 (Profondeur 12 mm)</p> <p>MA 18x20.8 (Siège conique ; profondeur 12 mm)</p> <p>MW 18x20.8 (Profondeur 12 mm)</p> <p>N 10x16.0</p> <p>*K 14x16.0</p> <p>*KJ 14x16.0 (Bougie projetée)</p> <p>*P 14x20.8 (Bougie en platine)</p> <p>*PK 14x16.0 (Bougie en platine)</p> <p>*PKJ 14x16.0 (Bougie en platine ; projetée)</p> <p>*PQ 14x16.0 (Bougie en platine)</p> <p>*PT 14x16.0 (Bougie en platine ; siège conique)</p> <p>*PTJ 14x16.0 (Bougie en platine ; projetée ; siège conique)</p> <p>*Q 14x16.0</p> <p>*QJ 14x16.0 (Bougie projetée)</p> <p>*QL 14x16.0 (Gaine long cylindre)</p> <p>S 14x20.8 (Bougie à écartement superficiel)</p> <p>SF 14x20.8 (Bougie à écartement superficiel)</p> <p>*S 14x20.8 (Iridium 0,7 mm)</p> <p>*SK 14x16.0 (Iridium 0,7 mm)</p> <p>*SKJ 14x16.0 (Iridium 0,7 mm ; projetée)</p> <p>*SV 14x16.0 (Iridium 0,4 mm ; électrode de masse en platine)</p> <p>*SVK 14x16.0 (Iridium 0,4 mm ; électrode de masse en platine)</p> <p>*SXU 12x16.0</p> <p>T 14x16.0 (Siège conique)</p> <p>TR 14x20.8 (Applications marines ; profondeur 12,7mm)</p> <p>U 10x16.0</p> <p>U 10x14.0 (U20M-U uniquement)</p> <p>*VK 14x16.0 (Iridium 0,4 mm ; électrode de masse en platine)</p> <p>*VKJ 14x16.0 (Iridium 0,4 mm ; électrode de masse en platine ; projetée)</p> <p>*VW 14x120.8 (Iridium 0,4 mm ; électrode de masse en platine)</p> <p>W 14x20.8</p> <p>..... 14x19.0 (Compacte)</p> <p>X 12x18.0</p> <p>XE 12x14.0</p> <p>XU 12x16.0</p> <p>Y 8x13.0</p> <p>Z 1/2 PFX23.8 (Iridium 0,55mm)</p> <p>ZXE 12x14.0 (0,55mm Iridium)</p> <p>ZXU 12x16.0 (Iridium 0,55mm)</p> <p>ZT 14x16.0 (Iridium 0,55mm)</p> <p>* Profondeur du filetage 19 mm.</p>	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>2</td> <td>18</td> <td>10</td> </tr> <tr> <td>14</td> <td>4</td> <td>16,14</td> <td>9</td> </tr> <tr> <td>16</td> <td>5</td> <td>12,11</td> <td>8</td> </tr> <tr> <td>20</td> <td>6</td> <td>10,9</td> <td>7,6</td> </tr> <tr> <td>22</td> <td>7</td> <td>8,7</td> <td>5</td> </tr> <tr> <td>24</td> <td>8</td> <td>6,63,61</td> <td>4</td> </tr> <tr> <td>27</td> <td>9</td> <td>4,59</td> <td>3</td> </tr> <tr> <td>29</td> <td>9,5</td> <td>57</td> <td></td> </tr> <tr> <td>31</td> <td>10</td> <td>55</td> <td>2</td> </tr> <tr> <td>32</td> <td>10,5</td> <td>53</td> <td></td> </tr> <tr> <td>34</td> <td>11</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>11,5</td> <td></td> <td></td> </tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	W	2	18	10	14	4	16,14	9	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			<p>A 19.0mm (Position de l'électrode 7 mm)</p> <p>..... 21.5mm</p> <p>B 19.0mm (Position de l'électrode 9,5mm)</p> <p>C 19.0mm (Position de l'électrode 5 mm)</p> <p>D 19.0mm (blindée 2 mm)</p> <p>E (Joint) 19.0mm</p> <p>..... 20.0mm</p> <p>E (siège conique) 17.5mm</p> <p>F 12.7mm</p> <p>FE 19.0mm (Demi filetage)</p> <p>G 19.0mm (blindée 2 mm)</p> <p>..... 19.0mm (blindée 2,8mm)</p> <p>H 19.0mm (Position de l'électrode 8,5mm)</p> <p>..... 26.5mm</p> <p>L 11.2mm</p> <p>M 8.6mm</p> <p>N (siège conique) 17.5mm</p> <p>..... 8.3mm (Demi filetage)</p> <p>V (siège conique) 25.0mm</p> <p><Aucune> (joint) 9.5mm</p> <p>..... 11.2mm</p> <p>..... 19.0mm</p> <p>..... 21.5mm</p> <p><Aucune> (siège conique) 8.3mm</p> <p>..... 11.2mm</p>	<p>A Deux électrodes de masse</p> <p>A Electrodes de masse obliques (Pour course)</p> <p>AV Deux électrodes de masse ; déformées</p> <p>B Trois électrodes de masse</p> <p>BC Trois électrodes de masse (blindée)</p> <p>D Projetée (projection de 2,0 mm)</p> <p>Projetée (projection de 1,5 mm, position étincelle 3,5 mm)</p> <p>K Projection de l'isolant 2 mm</p> <p>LM Compacte (Taille de l'hexagone 20,6 mm)</p> <p>M Longueur de la tête de l'isolant plus courte</p> <p>N Type Racing (électrode au nickel)</p> <p>Pt Type Racing (Electrodes en platine)</p> <p>P Projetée (projection de 1,5 mm)</p> <p>S Non projetée</p> <p>T Deux électrodes de masse</p> <p>TM Deux électrodes de masse</p> <p>V Electrode de masse inclinée</p> <p>X Extra projetée (projection de 2,5 mm)</p>	<p>R Résistance</p> <p><Aucune> Pas de résistance</p> <p><exception> S29 et S29A ont une résistance</p>	<p>-A Plus grande taille de platine sur l'électrode de masse</p> <p>-B Platine sur l'électrode de masse</p> <p>-C Electrode de masse "cut-back "</p> <p>-E Platine sur l'électrode de masse</p> <p>-F Platine sur l'électrode de masse</p> <p>-G Filetage lubrifié (pour application CNG)</p> <p>-GL Electrode centrale platinée</p> <p>-L Isolant projeté de 3,5 mm</p> <p>Electrode centrale conique</p> <p>-M Meilleure électrode de masse</p> <p>-N Pour Kawasaki et Yamaha</p> <p>-P Double couche de platine sur l'électrode de masse</p> <p>-S Jeu semi-superficiel</p> <p>-S Joint en acier inoxydable</p> <p>-TP Electrode centrale platinée ; électrode de masse conique</p> <p>-U Rainure en U dans l'électrode de masse</p> <p>-US Electrode centrale en étoile ; rainure en U dans l'électrode de masse</p> <p>-V Electrode centrale en platine de 0,7 mm</p> <p>-Z Electrode de masse conique</p> <p>-ZU Electrode centrale platinée de 0,7 mm ; électrode de masse conique</p>	<p>5 0.5mm (.020")</p> <p>8 0.8mm (.032")</p> <p>9 0.9mm (.035")</p> <p>10 1.0mm (.040")</p> <p>11 1.1mm (.044")</p> <p>13 1.3mm (.050")</p> <p>14 1.4mm (.055")</p> <p>15 1.5mm (.060")</p> <p>20 2.0mm (.080")</p> <p><Aucune> Voitures : 0,8 mm MC : 0,7 mm</p> <p><exception> P16R, PQ16R, PQ20R sont de 1,1 mm</p>
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IDENTIFICACIÓN DE LAS BUJÍAS DENSO

E

Bujías convencionales/bujías de platino/bujías de iridio

W	16	E	X	R	-U	11																																																			
Diámetro de rosca y tamaño de hexágono	Gama térmica	Fondo de rosca	Diseño de electrodo	Construcción interior	Configuración de entrehierro	Espacio de chispa																																																			
<p><Diámetro de rosca X Tamaño de hexágono> (mm)</p> <p>FK14x16.0 (Bujía super ignición)</p> <p>*J14x20.8 (Bujía proyectada)</p> <p>L18x22.2 (Fondo 12 mm)</p> <p>M18x25.4 (Fondo 12 mm)</p> <p>MA18x20.8 (Asiento cónico; fondo 12 mm)</p> <p>MW18x20.8 (Fondo 12 mm)</p> <p>N10x16.0</p> <p>*K14x16.0</p> <p>*KJ14x16.0 (Bujía proyectada)</p> <p>*P14x20.8 (Bujía de platino)</p> <p>*PK14x16.0 (Bujía de platino)</p> <p>*PKJ14x16.0 (Bujía de platino; proyectada)</p> <p>*PQ14x16.0 (Bujía de platino)</p> <p>*PT14x16.0 (Bujía de platino; asiento cónico)</p> <p>*PTJ14x16.0 (Bujía de platino; proyección; asiento cónico)</p> <p>*Q14x16.0</p> <p>*QJ14x16.0 (Bujía proyectada)</p> <p>*QL14x16.0 (Alojamiento de cilindro largo)</p> <p>S14x20.8 (Bujía entrehierro superficial)</p> <p>SF14x20.8 (Bujía entrehierro superficial)</p> <p>*S14x20.8 (Iridio 0,7mm)</p> <p>*SK14x16.0 (Iridio 0,7mm)</p> <p>*SKJ14x16.0 (Iridio 0,7mm; proyección)</p> <p>*SV14x16.0 (Iridio 0,4 mm; electrodo de masa de platino)</p> <p>*SVK14x16.0 (Iridio 0,4 mm; electrodo de masa de platino)</p> <p>*SXU12x16.0</p> <p>T14x16.0 (Asiento cónico)</p> <p>TR14x20.8 (Aplicaciones marítimas; fondo 12,7 mm)</p> <p>U10x16.0</p> <p>U10x14.0 (sólo U20M-LJ)</p> <p>*VK14x16.0 (Iridio 0,4 mm; electrodo de masa de platino)</p> <p>*VKJ14x16.0 (Iridio 0,4 mm; electrodo de masa de platino; proyectado)</p> <p>*VW14x120.8 (Iridio 0,4 mm; electrodo de masa de platino)</p> <p>W14x20.8</p> <p>.....14x19.0 (Tipo compacto)</p> <p>X12x18.0</p> <p>XE12x14.0</p> <p>XU12x16.0</p> <p>Y8x13.0</p> <p>Z1/2 Pfx23.8 (Iridio 0,55mm)</p> <p>ZXE12x14.0 (Iridio 0,55mm)</p> <p>ZXU12x16.0 (Iridio 0,55mm)</p> <p>ZT14x16.0 (Iridio 0,55mm)</p> <p>* Fondo de rosca 19,0mm.</p>	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>2</td> <td>18</td> <td>10</td> </tr> <tr> <td>14</td> <td>4</td> <td>16,14</td> <td>9</td> </tr> <tr> <td>16</td> <td>5</td> <td>12,11</td> <td>8</td> </tr> <tr> <td>20</td> <td>6</td> <td>10,9</td> <td>7,6</td> </tr> <tr> <td>22</td> <td>7</td> <td>8,7</td> <td>5</td> </tr> <tr> <td>24</td> <td>8</td> <td>6,63,61</td> <td>4</td> </tr> <tr> <td>27</td> <td>9</td> <td>4,59</td> <td>3</td> </tr> <tr> <td>29</td> <td>9,5</td> <td>57</td> <td></td> </tr> <tr> <td>31</td> <td>10</td> <td>55</td> <td>2</td> </tr> <tr> <td>32</td> <td>10,5</td> <td>53</td> <td></td> </tr> <tr> <td>34</td> <td>11</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>11,5</td> <td></td> <td></td> </tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	W	2	18	10	14	4	16,14	9	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			<p>A 19.0mm (Posición de electrodo 7 mm)</p> <p>..... 21.5mm</p> <p>B 19.0mm (Posición de electrodo 9,5mm)</p> <p>C 19.0mm (Posición de electrodo 5mm)</p> <p>D 19.0mm (Carenado 2 mm)</p> <p>E (Junta) 19.0mm</p> <p>..... 20.0mm</p> <p>E (asiento cónico) 17.5mm</p> <p>F 12.7mm</p> <p>FE 19.0mm (Media rosca)</p> <p>G 19.0mm (Carenado 2 mm)</p> <p>..... 19.0mm (Carenado 2.8 mm)</p> <p>H 19.0mm (Posición de electrodo 8,5mm)</p> <p>..... 26.5mm</p> <p>L 11.2mm</p> <p>M 8.6mm</p> <p>N (asiento cónico) 17.5mm (Media rosca)</p> <p>V (Taper seat) .. 25.0mm</p> <p><Ninguna> (Junta)</p> <p>..... 9.5mm</p> <p>..... 11.2mm</p> <p>..... 19.0mm</p> <p>..... 21.5mm</p> <p><Ninguna> (asiento cónico)</p> <p>..... 8.3mm</p> <p>..... 11.2mm</p>	<p>A Electrodo de masa dobles</p> <p>A Electrodo de masa oblicuos (Para competición)</p> <p>AV Electrodo de masa dobles: curvados</p> <p>B Electrodo de masa triples</p> <p>BG Electrodo de masa triples</p> <p>D Proyectado (Proyección 2,0 mm)</p> <p>Proyectado (Proyección 1,5 mm, posición chispa 3,5 mm)</p> <p>K Proyección de aislante 1 mm</p> <p>LM Tipo compacto (Tamaño de hexágono 20,6 mm)</p> <p>M Longitud de cabeza de aislante corto</p> <p>N Tipo competición (Electrodo de níquel)</p> <p>Pt Tipo competición (Electrodo de platino)</p> <p>P Proyectado (Proyección 1,5 mm)</p> <p>S No proyectado</p> <p>T Electrodo de masa dobles</p> <p>TM Electrodo de masa dobles</p> <p>V Electrodo de masa sesgado</p> <p>X Extra proyectado (Proyección 2,5mm)</p> <p>R Resistencia <Ninguna> Sin resistencia</p> <p><excepción> S29, S29A: ambos con resistencia</p>	<p>-A Mayor tamaño de platino en electrodo de masa</p> <p>-B Platino en electrodo de masa</p> <p>-C Electrodo de masa truncado</p> <p>-E Platino en electrodo de masa</p> <p>-F Platino en electrodo de masa</p> <p>-G Rosca lubricada (para aplicaciones CNG)</p> <p>-GL Electrodo central de platino</p> <p>-L Aislante proyectado 3,5 mm</p> <p>Electrodo central cónico</p> <p>-M Electrodo de masa aumentado</p> <p>-N Para Kawasaki y Yamaha</p> <p>-P Doble capa de platino en electrodo de masa</p> <p>-S Entrehierro semisuperficie</p> <p>-S Junta de acero inoxidable</p> <p>-TP Electrodo central de platino; electrodo de masa cónico</p> <p>-U Electrodo de masa con ranura en U</p> <p>-US Electrodo central en estrella; electrodo de masa con ranura en U</p> <p>-V Electrodo central de platino 0,7 mm</p> <p>-Z Electrodo de masa cónico</p> <p>-ZU Electrodo central de platino 0,7 mm; electrodo de masa cónico</p> <p><Ninguna> Coches: 0,8mm MC: 0,7mm</p> <p><excepción> P16R, PQ16R, PQ20R son de 1,1mm</p>	<p>5 0.5mm (.020")</p> <p>8 0.8mm (.032")</p> <p>9 0.9mm (.035")</p> <p>10 1.0mm (.040")</p> <p>11 1.1mm (.044")</p> <p>13 1.3mm (.050")</p> <p>14 1.4mm (.055")</p> <p>15 1.5mm (.060")</p> <p>20 2.0mm (.080")</p>
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DENSO

IDENTIFICAÇÃO DAS VELAS DE IGNIÇÃO DENSO

P

Velas convencionais / Velas platina / Velas ao irídio

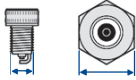

W	16	E	X	R	-U	11																																																				
Diâmetro da rosca e dimensão da perfil hexagonal	Gama de temperaturas	Braço de rosca	Desenho do eléctrodo	Construção interna	Configuração da distância	Distância da faisca																																																				
<p>Diâmetro rosca X dimensão do perfil hexagonal-> (mm)</p> <p>FK14x16.0 (Vela com capacidade de ignição superior)</p> <p>*J14x20.8 (Vela de projecção)</p> <p>L18x22.2</p> <p>M18x25.4 (Capacidade 12 mm)</p> <p>MA18x20.8 (Sede cónica; capacidade 12 mm)</p> <p>MW18x20.8 (Capacidade 12 mm)</p> <p>N10x16.0</p> <p>*K14x16.0</p> <p>*KJ14x16.0 (Vela de projecção)</p> <p>*P14x20.8 (Vela platina)</p> <p>*PK14x16.0 (Vela platina)</p> <p>*PKJ14x16.0 (Vela platina; de projecção)</p> <p>*PQ14x16.0 (Vela platina)</p> <p>*PT14x16.0 (Vela platina; sede cónica)</p> <p>*PTJ14x16.0 (Vela platina; de projecção; sede cónica)</p> <p>*Q14x16.0</p> <p>*QJ14x16.0 (Vela de projecção)</p> <p>*QL14x16.0 (Alojamento com cilindro alongado)</p> <p>S14x20.8 (Vela a distância de superfície)</p> <p>SF14x20.8 (Vela a distância de superfície)</p> <p>*S14x20.8 (Írídio 0,7 mm)</p> <p>*SK14x16.0 (Írídio 0,7 mm)</p> <p>*SKJ14x16.0 (Írídio 0,7 mm; de projecção)</p> <p>*SV14x16.0 (Írídio 0,4 mm; eléctrodo platina de colocação a terra)</p> <p>*SVK14x16.0 (Írídio 0,4 mm; eléctrodo platina de colocação a terra)</p> <p>*SXU12x1 6.0</p>	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr> <td>W</td> <td>2</td> <td>18</td> <td>10</td> </tr> <tr> <td>14</td> <td>4</td> <td>16,14</td> <td>9</td> </tr> <tr> <td>16</td> <td>5</td> <td>12,11</td> <td>8</td> </tr> <tr> <td>20</td> <td>6</td> <td>10,9</td> <td>7,6</td> </tr> <tr> <td>22</td> <td>7</td> <td>8,7</td> <td>5</td> </tr> <tr> <td>24</td> <td>8</td> <td>6,63,61</td> <td>4</td> </tr> <tr> <td>27</td> <td>9</td> <td>4,59</td> <td>3</td> </tr> <tr> <td>29</td> <td>9,5</td> <td>57</td> <td></td> </tr> <tr> <td>31</td> <td>10</td> <td>55</td> <td>2</td> </tr> <tr> <td>32</td> <td>10,5</td> <td>53</td> <td></td> </tr> <tr> <td>34</td> <td>11</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>11,5</td> <td></td> <td></td> </tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	W	2	18	10	14	4	16,14	9	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			<p>A19.0mm (Posição do eléctrodo: 7 mm)</p> <p>.....21.5mm</p> <p>B19.0mm (Posição do eléctrodo: 9,5mm)</p> <p>C19.0mm (Posição do eléctrodo: 5mm)</p> <p>D19.0mm (Cobertura de 2 mm)</p> <p>E (Guarnição) 19.0mm</p> <p>.....20.0mm</p> <p>E (Sede cónica) 17.5mm</p> <p>F12.7mm</p> <p>FE19.0mm (Semi-rosca)</p> <p>G19.0mm (Cobertura de 2 mm)</p> <p>.....19.0mm (Cobertura de 2,8mm)</p> <p>H19.0mm (Posição do eléctrodo: 8,5mm)</p> <p>.....26.5mm</p> <p>L11.2mm</p> <p>M8.6mm</p> <p>N (Sede cónica) 17.5mm (Semi-rosca)</p> <p>V (Sede cónica) 25.0mm <Nenhum> (Guarnição)</p> <p>.....9.5mm</p> <p>.....11.2mm</p> <p>.....19.0mm</p> <p>.....21.5mm <Nenhum> (Sede cónica)</p> <p>.....8.3mm</p> <p>.....11.2mm</p>	<p>A Eléctrodos de dupla colocação a terra</p> <p>A Eléctrodos oblíquos de colocação a terra (Para competição)</p> <p>AY Eléctrodos de dupla colocação a terra; perfil curvado</p> <p>B Eléctrodos de tripla colocação a terra</p> <p>BG Eléctrodos de tripla colocação a terra (Coberto)</p> <p>D De projecção (Projecção de 2,0 mm)</p> <p>De projecção (Projecção de 1,5 mm, projecção total eléctrodo 3,5 mm)</p> <p>K Projecção do isolador: 1 mm</p> <p>LM Tipo compacta (Dimensão hexagonal 20,6 mm)</p> <p>M Comprimento da cabeça do isolador curta</p> <p>N Tipo para competição (Eléctrodo ao níquel)</p> <p>Pt Tipo para competição (Eléctrodos platina)</p> <p>P De projecção (Projecção de 1,5 mm)</p> <p>S Não de projecção</p> <p>T Eléctrodos de dupla colocação a terra</p> <p>TM Eléctrodos de dupla colocação a terra</p> <p>V Eléctrodo inclinado de colocação a terra</p> <p>X De extra-projecção (Projecção de 2,5mm)</p>	<p>R Resistor <Nenhum> Não resistor <excepção> S29, S29A ambos com resistor</p>	<p>-A Dimensão da platina aumentada no eléctrodo de colocação a terra</p> <p>-B Platina no eléctrodo de colocação a terra</p> <p>-C Eléctrodo de colocação a terra redutor</p> <p>-E Platina no eléctrodo de colocação a terra</p> <p>-F Platina no eléctrodo de colocação a terra</p> <p>-G Rosca lubrificada (para aplicações CNG)</p> <p>-GL Eléctrodo central na platina</p> <p>-L Isolador de projecção de 3,5 mm</p> <p>Eléctrodo central prisioneiro</p> <p>-M Eléctrodo de colocação a terra aumentada</p> <p>-N Para Kawasaki e Yamaha</p> <p>-P Dupla camada de platina no eléctrodo de colocação a terra</p> <p>-S Distância de semi-superfície</p> <p>-S Guarnição de aço inoxidável</p> <p>-TP Eléctrodo central platina; eléctrodo cónico de colocação a terra</p> <p>-U Estrias em "U" no eléctrodo de colocação a terra</p> <p>-US Eléctrodo central a forma de estrela; estrias em "U" no eléctrodo de colocação a terra</p> <p>-V Eléctrodo central platina de 0,7 mm</p> <p>-Z Eléctrodo cónico de colocação a</p>	<p>5 0.5mm (.020")</p> <p>8 0.8mm (.032")</p> <p>9 0.9mm (.035")</p> <p>10 1.0mm (.040")</p> <p>11 1.1mm (.044")</p> <p>13 1.3mm (.050")</p> <p>14 1.4mm (.055")</p> <p>15 1.5mm (.060")</p> <p>20 2.0mm (.080")</p> <p><Nenhum> Automóveis:</p> <p>0,8 mm MC: 0,7 mm <excepção> P16R, PQ16R, PQ20R são de 1,1 mm</p>
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IDENTIFICAZIONE DELLE CANDELE D'ACCENSIONE DENSO

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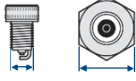

IRIDIUM POWER / IRIDIUM TOUGH

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Candela ad alte prestazioni	Diametro della filettatura, portata, dimensione della profilatura esagonale	Gamma di temperature	Tipo																																												
I Elettrodo centrale d'iridio da 0,4 mm V Elettrodo centrale all'iridio da 0,4 mm; elettrodo di messa a terra a placchetta di platino riportata	<Diametro filetto X portata X dimensione profilatura esagonale> (mm) K 14 x 19,0 x 16,0 KH 14 x 26,5 x 16,0 Q 14 x 19,0 x 16,0 T 14 x 17,5 x 16,0 (Sede conica) TF 14 x 11,2 x 16,0 (Sede conica) TL 14 x 25,0 x 16,0 (Sede conica; Isolatore lungo) TV 14 x 25,0 x 16,0 (Sede conica) U 10 x 19,0 x 16,0 UF 10 x 12,7 x 16,0 UH 10 x 19,0 (Semi-filetto) x 16,0 W 14 x 19,0 x 20,6 WF 14 x 12,7 x 20,6 WM 14 x 19,0 x 20,6 (Isolatore compatto) X 12 x 19,0 x 18,0 XG 12 x 21,5 x 18,0 (Coperto) XU 12 x 19,0 x 16,0 Y 8 x 19,0 (Semi-filetto) x 13,0	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr><td>16</td><td>5</td><td>12,11</td><td>8</td></tr> <tr><td>20</td><td>6</td><td>10,9</td><td>7,6</td></tr> <tr><td>22</td><td>7</td><td>8,7</td><td>5</td></tr> <tr><td>24</td><td>8</td><td>6,63,61</td><td>4</td></tr> <tr><td>27</td><td>9</td><td>4,59</td><td>3</td></tr> <tr><td>29</td><td>9,5</td><td>57</td><td></td></tr> <tr><td>31</td><td>10</td><td>55</td><td>2</td></tr> <tr><td>32</td><td>10,5</td><td>53</td><td></td></tr> <tr><td>34</td><td>11</td><td></td><td></td></tr> <tr><td>35</td><td>11,5</td><td></td><td></td></tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			A Elettrodo inclinato; senza scanalatura ad "U"; senza intagli conici B Isolatore a proiezione da 1,5mm C Senza scanalatura ad "U" D Senza scanalatura ad "U"; elettrodo di messa a terra all'Inconel ES Guarnizione d'acciaio inossidabile G Guarnizione d'acciaio inossidabile J Isolatore a proiezione da 2,5mm T Isolatore rafforzato; applicazioni TAXI. X Luce da 0,8 mm Y Luce da 0,8 mm Z Intaglio conico
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IDENTIFYING DENSO SPARK PLUGS

GB

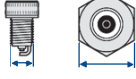

IRIDIUM POWER / IRIDIUM TOUGH

I	U 	27 	A																																												
High Performance plug	Thread diameter, Reach, Hex size	Heat range	Type																																												
I 0.4mm Iridium center electrode V 0.4mm Iridium center electrode; Platinum tipped ground electrode	<Thread diameter X Reach X Hex size> (mm) K 14x19.0x16.0 KH 14x26.5x16.0 Q 14x19.0x16.0 T 14x17.5x16.0 (Taper seat) TF 14x11.2x16.0 (Taper seat) TL 14x25.0x16.0 (Taper seat; Long insulator) TV 14x25.0x16.0 (Taper seat) U 10x19.0x16.0 UF 10x12.7x16.0 UH 10x19.0 (Half thread)x16.0 W 14x19.0x20.6 WF 14x12.7x20.6 WM 14x19.0x20.6 (Compact insulator) X 12x19.0x18.0 XG 12x21.5x18.0 (Shrouded) XU 12x19.0x16.0 Y 8x19.0 (Half thread)x13.0	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr><td>16</td><td>5</td><td>12,11</td><td>8</td></tr> <tr><td>20</td><td>6</td><td>10,9</td><td>7,6</td></tr> <tr><td>22</td><td>7</td><td>8,7</td><td>5</td></tr> <tr><td>24</td><td>8</td><td>6,63,61</td><td>4</td></tr> <tr><td>27</td><td>9</td><td>4,59</td><td>3</td></tr> <tr><td>29</td><td>9,5</td><td>57</td><td></td></tr> <tr><td>31</td><td>10</td><td>55</td><td>2</td></tr> <tr><td>32</td><td>10,5</td><td>53</td><td></td></tr> <tr><td>34</td><td>11</td><td></td><td></td></tr> <tr><td>35</td><td>11,5</td><td></td><td></td></tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			A Slant electrode; No U-groove; No taper cut B 1.5mm Projected insulator C No U-groove D No U-groove; Inconel ground electrode ES Stainless steel gasket G Stainless steel gasket J 2.5mm Projected insulator T Strengthened insulator; TAXI applications X 0.8mm Gap Y 0.8mm Gap Z Taper cut
DENSO	NGK	CHAMPION	BOSCH																																												
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ERKENNEN VON DENSO-ZÜNDKERZEN

D

IRIDIUM POWER / IRIDIUM TOUGH

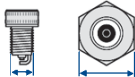

I	U 	27 	A																																												
Hochleistungszündkerze	Gewindedurchmesser, Bereich und Hex-Größe	Wärmewert	Typ																																												
I 0,4 mm Iridium-Mittelelektrode V 0,4 mm Iridium-Mittelelektrode; Masselektrode mit Platinspitze	<Gewindedurchmesser X Bereich X Hex-Größe> (mm) K 14x19,0x16,0 KH 14x26,5x16,0 Q 14x19,0x16,0 T 14x17,5x16,0 (Kegelsitz) TF 14x11,2x16,0 (Kegelsitz) TL 14x25,0x16,0 (Kegelsitz; langer Isolator) TV 14x25,0x16,0 (Kegelsitz) U 10x19,0x16,0 UF 10x12,7x16,0 UH 10x19,0 (halbes Gewinde) x16,0 W 14x19,0x20,6 WF 14x12,7x20,6 WM 14x19,0x20,6 (Kompaktisolator) X 12x19,0x18,0 XG 12x21,5x18,0 (ummantelt) XU 12x19,0x16,0 Y 8x19,0 (halbes Gewinde) x13,0	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr><td>16</td><td>5</td><td>12,11</td><td>8</td></tr> <tr><td>20</td><td>6</td><td>10,9</td><td>7,6</td></tr> <tr><td>22</td><td>7</td><td>8,7</td><td>5</td></tr> <tr><td>24</td><td>8</td><td>6,63,61</td><td>4</td></tr> <tr><td>27</td><td>9</td><td>4,59</td><td>3</td></tr> <tr><td>29</td><td>9,5</td><td>57</td><td></td></tr> <tr><td>31</td><td>10</td><td>55</td><td>2</td></tr> <tr><td>32</td><td>10,5</td><td>53</td><td></td></tr> <tr><td>34</td><td>11</td><td></td><td></td></tr> <tr><td>35</td><td>11,5</td><td></td><td></td></tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			A Schräge Elektrode; keine U-Rille; keine Kegelform B 1,5 mm vorstehender Isolator C Keine U-Rille D Keine U-Rille, Inconel-Masselektrode ES Edelstahl-dichtring G Edelstahl-dichtring J 2,5 mm vorstehender Isolator T Verstärkter Isolator; TAXI-Anwendungen X 0,8 mm Funkenstrecke Y 0,8 mm Funkenstrecke Z Kegelform
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IDENTIFICATION DES BOUGIES DENSO

F

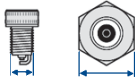

IRIDIUM POWER / IRIDIUM TOUGH

I	U 	27 	A																																												
Bougie haute performance	Diamètre et profondeur de filetage et taille de l'hexagone	Plage thermique	Type																																												
I Électrode centrale de 0,4 mm à l'iridium V Électrode centrale de 0,4 mm à l'iridium ; électrode de masse à l'extrémité en platine	<Diamètre de filetage X profondeur X taille hexagone> (mm) K 14x19x16 KH 14x26,5x16 Q 14x19x16 T 14x17,5x16 (Siège conique) TF 14x11,2x16 (Siège conique) TL 14x25,0x16,0 (Siège conique, isolant long) TV 14x25x16 (Siège conique) U 10x19x16 UF 10x12,7x16 UH 10x19 (Demi-filetage)x16 W 14x19x20,6 WF 14x12,7x20,6 WM 14x19x20,6 (Isolant compact) X 12x19x18 XG 12x21,5x18 (Blindée) XU 12x19x16 Y 8x19 (Demi-filetage)x13	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr><td>16</td><td>5</td><td>12,11</td><td>8</td></tr> <tr><td>20</td><td>6</td><td>10,9</td><td>7,6</td></tr> <tr><td>22</td><td>7</td><td>8,7</td><td>5</td></tr> <tr><td>24</td><td>8</td><td>6,63,61</td><td>4</td></tr> <tr><td>27</td><td>9</td><td>4,59</td><td>3</td></tr> <tr><td>29</td><td>9,5</td><td>57</td><td></td></tr> <tr><td>31</td><td>10</td><td>55</td><td>2</td></tr> <tr><td>32</td><td>10,5</td><td>53</td><td></td></tr> <tr><td>34</td><td>11</td><td></td><td></td></tr> <tr><td>35</td><td>11,5</td><td></td><td></td></tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			A Électrode inclinée ; pas de rainure en U ; pas de forme conique B Isolant projeté de 1,5mm C Pas de rainure U D Pas de rainure en U ; électrode de masse d'Inconel ES Joint en acier inoxydable G Joint en acier inoxydable J Isolant projeté de 2,5 mm T Isolant renforcé ; applications TAXI X Écartement de 0,8 mm Y Écartement de 0,8 mm Z Forme conique
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IDENTIFICACIÓN DE LAS BUJÍAS DENSO

E

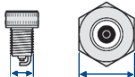

IRIDIUM POWER / IRIDIUM TOUGH

I	U 	27 	A																																												
Bujía de alto rendimiento	Diámetro de rosca, fondo, tamaño de hexágono	Gama térmica	Tipo																																												
I Electrodo central de iridio 0,4 mm V Electrodo central de iridio 0,4 mm; electrodo de masa con punta de platino	<Diámetro de rosca X fondo X tamaño de hexágono> (mm) K 14x19,0x16,0 KH 14x26,5x16,0 Q 14x19,0x16,0 T 14x17,5x16,0 (asiento cónico) TF 14x11,2x16,0 (asiento cónico) TL 14x25,0x16,0 (asiento cónico; aislante largo) TV 14x25,0x16,0 (asiento cónico) U 10x19,0x16,0 UF 10x12,7x16,0 UH 10x19,0 (media rosca) x16,0 W 14x19,0x20,6 WF 14x12,7x20,6 WM 14x19,0x20,6 (aislante compacto) X 12x19,0x18,0 XG 12x21,5x18,0 (carenado) XU 12x19,0x16,0 Y 8 x 19,0 (media rosca) x 13,0	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr><td>16</td><td>5</td><td>12,11</td><td>8</td></tr> <tr><td>20</td><td>6</td><td>10,9</td><td>7,6</td></tr> <tr><td>22</td><td>7</td><td>8,7</td><td>5</td></tr> <tr><td>24</td><td>8</td><td>6,63,61</td><td>4</td></tr> <tr><td>27</td><td>9</td><td>4,59</td><td>3</td></tr> <tr><td>29</td><td>9,5</td><td>57</td><td></td></tr> <tr><td>31</td><td>10</td><td>55</td><td>2</td></tr> <tr><td>32</td><td>10,5</td><td>53</td><td></td></tr> <tr><td>34</td><td>11</td><td></td><td></td></tr> <tr><td>35</td><td>11,5</td><td></td><td></td></tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			A Électrode inclinée ; pas de rainure en U ; pas de forme conique B Isolant projeté de 1,5mm C Pas de rainure U D Pas de rainure en U ; électrode de masse d'Inconel ES joint en acier inoxydable G joint en acier inoxydable J isolant projeté de 2,5 mm T Isolant renforcé ; applications TAXI X Écartement de 0,8 mm Y Écartement de 0,8 mm Z Forme conique
DENSO	NGK	CHAMPION	BOSCH																																												
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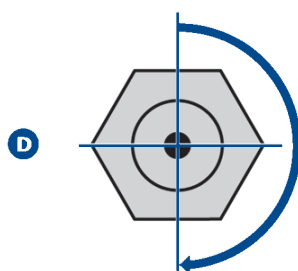
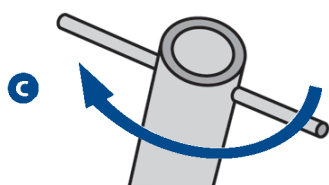
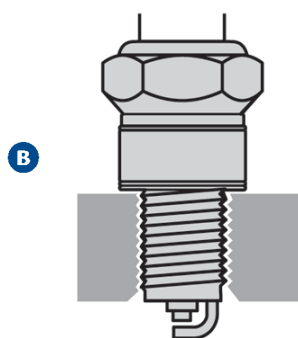
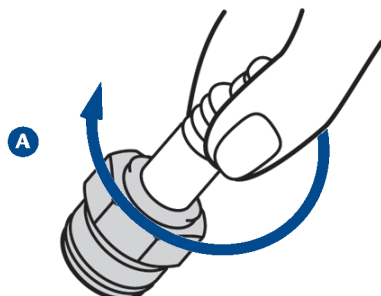
IDENTIFICAÇÃO DAS VELAS DE IGNIÇÃO DENSO

P

IRÍDIO POWER / IRÍDIO TOUGH

I	U 	27 	A																																												
Vela de altas performances	Diâmetro da rosca, capacidade, dimensão do perfil hexagonal	Gama de temperaturas	Tipo																																												
I Electrodo central ao irídio de 0,4 mm V Electrodo central ao irídio de 0,4 mm; electrodo de colocação a terra com placa de platina	<Diâmetro da rosca X capacidade X dimensão do perfil hexagonal> (mm) K 14 x 19,0 x 16,0 KH 14 x 26,5 x 16,0 Q 14 x 19,0 x 16,0 T 14 x 17,5 x 16,0 (Sede cónica) TF 14 x 11,2 x 16,0 (Sede cónica) TL 14 x 25,0 x 16,0 (Sede cónica; Isolador comprido) TV 14 x 25,0 x 16,0 (Sede cónica) U 10 x 19,0 x 16,0 UF 10 x 12,7 x 16,0 UH 10 x 19,0 (Semi-rosca) x 16,0 W 14 x 19,0 x 20,6 WF 14 x 12,7 x 20,6 WM 14 x 19,0 x 20,6 (Isolador compacto) X 12 x 19,0 x 18,0 XG 12 x 21,5 x 18,0 (Coberto) XU 12 x 19,0 x 16,0 Y 8 x 19,0 (Semi-rosca) x 13,0	<table border="1"> <thead> <tr> <th>DENSO</th> <th>NGK</th> <th>CHAMPION</th> <th>BOSCH</th> </tr> </thead> <tbody> <tr><td>16</td><td>5</td><td>12,11</td><td>8</td></tr> <tr><td>20</td><td>6</td><td>10,9</td><td>7,6</td></tr> <tr><td>22</td><td>7</td><td>8,7</td><td>5</td></tr> <tr><td>24</td><td>8</td><td>6,63,61</td><td>4</td></tr> <tr><td>27</td><td>9</td><td>4,59</td><td>3</td></tr> <tr><td>29</td><td>9,5</td><td>57</td><td></td></tr> <tr><td>31</td><td>10</td><td>55</td><td>2</td></tr> <tr><td>32</td><td>10,5</td><td>53</td><td></td></tr> <tr><td>34</td><td>11</td><td></td><td></td></tr> <tr><td>35</td><td>11,5</td><td></td><td></td></tr> </tbody> </table>	DENSO	NGK	CHAMPION	BOSCH	16	5	12,11	8	20	6	10,9	7,6	22	7	8,7	5	24	8	6,63,61	4	27	9	4,59	3	29	9,5	57		31	10	55	2	32	10,5	53		34	11			35	11,5			A Electrodo inclinado; sem estrias em "U"; sem entalhes cônicos B Isolador de projecção de 1,5mm C Sem estrias em "U" D Sem estrias em "U"; electrodo de colocação a terra no Inconel ES Guarnição de aço inoxidável G Guarnição de aço inoxidável J Isolador de projecção de 2,5mm T Isolador reforçado; aplicações TAXI . X Luz de 0,8 mm Y Luz de 0,8 mm Z Entalhe cónico
DENSO	NGK	CHAMPION	BOSCH																																												
16	5	12,11	8																																												
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Installazione e varie disfunzioni
Installation and several dysfunctions
Einrichtung und verschiedene dysfonctions
Installation et diverses dysfonctions
Instalación y varias disfunciones
Instalação e várias disfunções



I

Catalogo per motocicli e piccoli motori

INSTALLAZIONE DELLE CANDELE

Coppia ed angolo di serraggio consigliati per candele DENSO

- 1 Utilizzare la chiave corretta per la profilatura esagonale della candela, e far attenzione a non danneggiare l'isolatore.
- 2 Cambiando le candele, assicurarsi che l'olio, etc., all'esterno delle candele non penetri all'interno del motore.
- 3 Durante l'inserimento delle candele, pulire il lato della flangia verso il motore, ed inserire la candele dopo essersi assicurati che la guarnizione sia presente sulla flangia.
- 4 Assicurarsi che le candele siano in posizione verticale, e serrarle a mano fino a ottenere resistenza (A+B).
- 5 Utilizzare allora una chiave per candele per serrarle accuratamente con la coppia o angolo di rotazione illustrati nel diagramma qui sotto (C+D).

SPECIFICHE DI COPPIA CONSIGLIATE PER L'INSTALLAZIONE

Filettatura	Coppia consigliate	Rotazioni consigliata	
		Candela nuova	Candela usata
Guarnizione M8 Tipo Y	8-10 Nm	± 1 giro	± 1/12 giro
M10 Tipo U, N	10-15 Nm	± 2/3 giro	± 1/12 giro
M10 Guarnizione d'acciaio inossidabile	10-15 Nm	± 3/4 giro	± 1/12 giro
M12 Tipo SXU, X, XE, XU, ZXE, ZXU	15-20 Nm	± 1/3 giro	± 1/12 giro
M14 Tipo FK, J, K, KJ, P, PK, PKJ, PQ, Q, QJ, QL, S, SF, SK, SKJ, SV, SVK, VK, VKJ, W, ZT	20-25 Nm	± 1/2 giro	± 1/12 giro
M14 Guarnizione d'acciaio inossidabile	20-25 Nm	± 2/3 giro	± 1/12 giro
M18 Tipo L, M, MA, MW	30-40 Nm	± 1/4 giro	± 1/12 giro
Sede conica M14 Tipo PT, PTJ, T	20-30 Nm	± 1/16 giro	± 1/16 giro
M18 Tipo MA	30-40 Nm	± 1/4 giro	± 1/12 giro



Nel caso che un lubrificante per filetti sia cosparso sul filetto, il serraggio alla coppia consigliata è troppo elevato; questo fatto è stato collegato alla perdita dalla guarnizione. Non impiegare un lubrificante per filetti.



Un serraggio che superi gli angoli di serraggio e le coppie indicate a destra potrebbe provocare danni al motore, ed inoltre una rottura della candela al livello del filetto.



Motorcycle & SE Catalogue

SPARK PLUG INSTALLATION

Recommended Torque and Tightening Angle for DENSO plugs.

- 1 Use the correct wrench for the hex on the plug, and be careful not to damage the insulator.
- 2 When changing, make sure that the oil, etc. on the outside of the plug does not enter the engine interior.
- 3 When putting the plugs in, clean the engine side of the flange and put in the plugs after making sure the gasket is in the flange.
- 4 Make sure the plugs are vertical and tighten them by hand until they cannot be tightened any further (A+B).
- 5 Then, use a plug wrench to tighten them accurately to the torque or rotation angle showed in the chart below (C+D).

RECOMMENDED INSTALLATION TORQUE SPECIFICATION					
	Thread size		Recommended Torque	Recommended Turns	
				New plug	Used plug
Gasket	M8	Y type	8-10 Nm	± 1 turn	± 1/12 turn
	M10	U, N type	10-15 Nm	± 2/3 turn	± 1/12 turn
	M10	Stainless steel gasket	10-15 Nm	± 3/4 turn	± 1/12 turn
	M12	SXU, X, XE, XU, ZXE, ZXU type	15-20 Nm	± 1/3 turn	± 1/12 turn
	M14	FK, J, K, KJ, P, PK, PKJ, PQ, Q, QJ, QL, S, SF, SK, SKJ, SV, SVK, VK, VKJ, W, ZT type	20-25 Nm	± 1/2 turn	± 1/12 turn
	M14	Stainless steel gasket	20-25 Nm	± 2/3 turn	± 1/12 turn
	M18	L, M, MA, MW type	30-40 Nm	± 1/4 turn	± 1/12 turn
	Taper seat	M14	PT, PTJ, T type	20-30 Nm	± 1/16 turn
M18		MA type	30-40 Nm	± 1/4 turn	± 1/12 turn



If a thread lubricant such as grease is coated on the thread, tightening to the recommended torque is tightening too much; this has been linked to seal leakage. Do not use a thread lubricant.



Tightening more than the tightening angles and torques shown in the above table could result in damage to the engine and furthermore could result in the plug coming off at the thread.



Motorrad- und Kleinmotorenkatalog

ZÜNDKERZENMONTAGE

Empfohlenes Drehmoment und Anzugswinkel für DENSO-Zündkerzen.

- 1 Verwenden Sie den richtigen Schraubenschlüssel für den Sechskant der Zündkerze, und achten Sie darauf, den Isolator nicht zu beschädigen.
- 2 Beachten Sie beim Wechseln der Kerze, dass keine Verunreinigungen etc. von außerhalb in das Innere des Motors gelangen.
- 3 Bevor Sie die Zündkerzen einsetzen, reinigen den Flansch im Motor und kontrollieren anschließend dass der Dichtring korrekt sitzt.
- 4 Überprüfen Sie, ob die Zündkerzen vertikal ausgerichtet sind und ziehen Sie sie diese so weit wie möglich von Hand an (A+B).
- 5 Verwenden Sie anschließend einen Zündkerzenschlüssel, um die Kerzen genau auf das Drehmoment oder den Drehwinkel festzuziehen, welche der nachfolgenden Tabelle entnommen werden können (C+D).

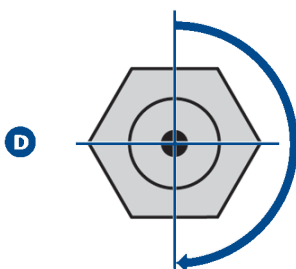
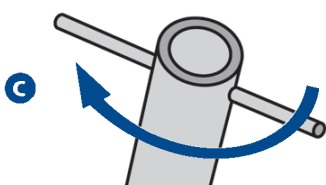
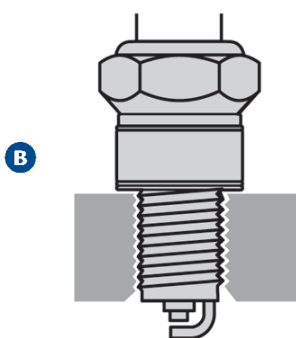
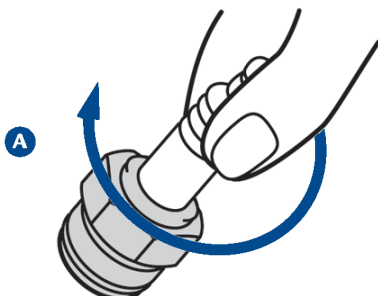
EMPFOHLENE EINBAUDREHMOMENTE					
	Gewindegröße		Empfohlener Drehmoment	Empfohlene Drehungen	
				Neue Zündkerze	Gebrauchte Zündkerze
Dichtring	M8	Ausführung Y	8-10 Nm	± 1 Umdrehung	± 1/12 Umdrehung
	M10	Ausführung U, N	10-15 Nm	± 2/3 Umdrehung	± 1/12 Umdrehung
	M10	Edelstahl-Dichtring	10-15 Nm	± 3/4 Umdrehung	± 1/12 Umdrehung
	M12	Ausführung SXU, X, XE, XU, ZXE, ZXU	15-20 Nm	± 1/3 Umdrehung	± 1/12 Umdrehung
	M14	Ausführung FK, J, K, KJ, P, PK, PKJ, PQ, Q, QJ, QL, S, SF, SK, SKJ, SV, SVK, VK, VKJ, W, ZT	20-25 Nm	± 1/2 Umdrehung	± 1/12 Umdrehung
	M14	Edelstahl-Dichtring	20-25 Nm	± 2/3 Umdrehung	± 1/12 Umdrehung
	M18	Ausführung L, M, MA, MW	30-40 Nm	± 1/4 Umdrehung	± 1/12 Umdrehung
	Konischer Sitz	M14	Ausführung PT, PTJ, T	20-30 Nm	± 1/16 Umdrehung
M18		MA -Type	30-40 Nm	± 1/4 Umdrehung	± 1/12 Umdrehung



Wenn Gewindeschmiermittel wie z.B. Fett verwendet wird, besteht die Gefahr, dass die Kerze, trotz Berücksichtigung des korrekten Drehmoments, zu stark angezogen wird. Dies führt zu Undichtigkeiten der Dichtung. Verwenden Sie deshalb bitte keine Gewindeschmiere.



Bitte beachten Sie die rechts in der Tabelle empfohlenen Werte bezüglich Anzugswinkel und Drehmoment. Wird die Zündkerze stärker angezogen, kann dies zu einem Schaden am Motor führen und weiterhin besteht die Gefahr, dass sich die Zündkerze aus dem Gewinde löst.



F

Catalogue motocycles et moteurs de faible cylindrée

FIXATION DE BOUGIE

Couple et angle de serrage recommandés pour les bougies DENSO.

- 1 Couple et angle de serrage recommandés pour les bougies DENSO.
- 2 Utilisez la clé correspondant à l'hexagone de la bougie et veillez à ne pas endommager l'isolant.
- 3 Lors du remplacement, évitez que l'huile, entre autres, qui se trouve à l'extérieur de la bougie ne pénètre à l'intérieur du moteur.
- 4 Lors de l'insertion des bougies, nettoyez le côté moteur du flasque et fixez les bougies après s'être assuré que le joint se trouve dans le flasque.
- 5 Veillez à ce que les bougies soient à la verticale et serrez-les manuellement jusqu'à la butée (A+B). Puis, à l'aide d'une clé pour obturateurs, serrez-les jusqu'au couple ou à l'angle de rotation illustrés dans le tableau ci-dessous (C+D).

COUPLE RECOMMANDÉ POUR L'INSTALLATION

	Taille de filetage	Couple recommandé	Tours recommandés	
			Bougie neuve	Ancienne bougie
Joint	M8 type Y	8-10 Nm	± 1 turn tour	± 1/12 tour
	M10 Type U, N	10-15 Nm	± 2/3 tour	± 1/12 tour
	M10 Joint en acier inoxydable	10-15 Nm	± 3/4 tour	± 1/12 tour
	M12 Type SXU, X, XE, XU, ZXE, ZXU	15-20 Nm	± 1/3 tour	± 1/12 tour
	M14 Type FK, J, K, KJ, P, PK, PKJ, PQ, Q, QJ, QL, S, SF, SK, SKJ, SV, SVK, VK, VKJ, W, ZT	20-25 Nm	± 1/2 tour	± 1/12 tour
	M14 Joint en acier inoxydable	20-25 Nm	± 2/3 tour	± 1/12 tour
	M18 Type L, M, MA, MW	30-40 Nm	± 1/4 tour	± 1/12 tour
Siège conique	M14 Type PT, PTJ, T	20-30 Nm	± 1/16 tour	± 1/16 tour
	M18 MA type	30-40 Nm	± 1/4 tour	± 1/12 tour



Si le filetage est recouvert d'un lubrifiant à fil comme de la graisse, évitez de serrer au couple recommandé car cela peut provoquer une fuite. Ne pas utiliser un lubrifiant à fil.



Le serrage au-delà de l'angle de serrage et du couple indiqués à droite peut endommager le moteur et entraîner le retrait de la bougie au niveau du filetage.



E

Catálogo motocicleta y pequeño motor

MONTAJE DE LAS BUJÍAS

Par y ángulo de apriete recomendados para las bujías DENSO

- 1 Utilice la llave apropiada para el hexágono en la bujía y procure no dañar el aislante.
- 2 Al cambiar la bujía, asegúrese de que el aceite u otra sustancia que se encuentre en el exterior de la bujía no penetre en el interior del motor.
- 3 Al montar las bujías, limpie el lado del motor de la abrazadera e inserte las bujías tras cerciorarse de que la junta se encuentra en la abrazadera.
- 4 Asegúrese de que las bujías queden en posición vertical y apriéte las manualmente hasta que ya no puedan seguir apretándose (A+B).
- 5 A continuación, con una llave para bujías apriéte las con precisión al par o ángulo de rotación especificado en la siguiente tabla (C+D).

PAR DE MONTAJE RECOMENDADO					
	Tamaño de rosca		Par recomendado	Giros recomendados	
				Bujía nueva	Bujía usada
Junta	M8	Tipo Y	8-10 Nm	± 1 giro	± 1/12 giro
	M10	Tipo U, N	10-15 Nm	± 2/3 giro	± 1/12 giro
	M10	Junta de acero inoxidable	10-15 Nm	± 3/4 giro	± 1/12 giro
	M12	Tipos SXU, X, XE, XU, ZXE, ZXU	15-20 Nm	± 1/3 giro	± 1/12 giro
	M14	Tipos FK, J, K, KJ, P, PK, PKJ, PQ, Q, QJ, QL, S, SF, SK, SKJ, SV, SVK, VK, VKJ, W, ZT	20-25 Nm	± 1/2 giro	± 1/12 giro
	M14	Junta de acero inoxidable	20-25 Nm	± 2/3 giro	± 1/12 giro
	M18	Tipos L, M, MA, MW	30-40 Nm	± 1/4 giro	± 1/12 giro
Asiento cónico	M14	Tipos PT, PTJ, T	20-30 Nm	± 1/16 giro	± 1/16 giro
	M18	Tipo MA	30-40 Nm	± 1/4 giro	± 1/12 giro



Si se ha aplicado un lubricante a la rosca, tal como grasa, el apriete al par recomendado resulta excesivo y podría causar fuga en el cierre. No aplique lubricante de rosca.



Un apriete que exceda los ángulos y pares de apriete indicados a la derecha podría dañar el motor y provocar que la bujía se salga de la rosca.

P

Catálogo para motociclos e pequenos motores

INSTALAÇÃO DAS VELAS

Binário e ângulo de aberto aconselhados para as velas DENSO

- 1 Utilize a chave correcta para o perfil hexagonal da vela, e preste atenção para não danificar o isolador.
- 2 Ao trocar as velas, certifique-se que o óleo, etc., no exterior das velas não penetre no interior do motor.
- 3 Durante a introdução das velas limpe o lado da flange próximo do motor, e introduza as velas depois de ter-se assegurado que a guarnição seja presente na flange.
- 4 Certifique-se que as velas estejam em posição vertical, e aperte-as a mão até a obter resistência (A+B).
- 5 Utilize uma apropriada chave para velas para poder apertá-las cuidadosamente com o binário ou ângulo de rotação ilustrados no diagrama abaixo ilustrado (C+D).

ESPECIFICAÇÕES DE BINÁRIO ACONSELHADOS PARA A INSTALAÇÃO					
	Rosca		Binário aconselhado	Rotações aconselhadas	
				Bujía nueva	Bujía usada
Guarnição	M8	Tipo Y	8-10 Nm	± 1 giro	± 1/12 giro
	M10	Tipo U, N	10-15 Nm	± 2/3 giro	± 1/12 giro
	M10	Junta de acero inoxidable	10-15 Nm	± 3/4 giro	± 1/12 giro
	M12	Tipos SXU, X, XE, XU, ZXE, ZXU	15-20 Nm	± 1/3 giro	± 1/12 giro
	M14	Tipos FK, J, K, KJ, P, PK, PKJ, PQ, Q, QJ, QL, S, SF, SK, SKJ, SV, SVK, VK, VKJ, W, ZT	20-25 Nm	± 1/2 giro	± 1/12 giro
	M14	Junta de acero inoxidable	20-25 Nm	± 2/3 giro	± 1/12 giro
	M18	Tipos L, M, MA, MW	30-40 Nm	± 1/4 giro	± 1/12 giro
Sede cónica	M14	Tipos PT, PTJ, T	20-30 Nm	± 1/16 giro	± 1/16 giro
	M18	Tipo MA	30-40 Nm	± 1/4 giro	± 1/12 giro



No caso que um lubrificante para roscas seja deitado na rosca, o aperto com o binário aconselhado é muito elevado; este facto foi ligado à perda da guarnição. Não use um lubrificante para roscas.



Um aperto que supere os ângulos de aperto e os binários indicados à direita podem provocar danos ao motor, e também uma ruptura da vela a nível da rosca.



I

Emissione usate

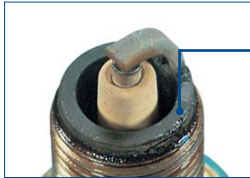
GB

Used Spark Plug Analysis

D

Analyse
Zündkerzen

Gebrauchter

**Stato normale**

Aspetto: Depositi di colore grigio o marrone chiaro e tracce di erosione.

Normal

Appearance: Light grey or tan deposits and slight electrode erosion.

Normal

Zündkerzengesicht: Hellgraue oder dunkelgelbe Ablagerungen und leichte Elektrodenerosion.

**Incrostazioni carboniose**

Aspetto: Nerofumo secco e cedevole sull'isolante e sugli elettrodi.

Risultati: Avviamento difficoltoso, mancata accensione, accelerazione difettosa.

Cause probabili: Dispositivo di avviamento a freddo difettoso - miscela aria-carburante eccessivamente ricca, fasatura di accensione ritardata, conduttori di accensione difettosi, gradazione termica insufficiente.

Carbon fouling

Appearance: Dry, soft black carbon on the insulator and electrodes.

Results: Poor starting, misfiring, faulty acceleration.

Possible causes: Faulty choke - over rich air-fuel mixture, delayed ignition timing, bad ignition leads, plug Heat Range too cold.

Kohleablagerungen

Zündkerzengesicht: Trockene, weiche schwarze Kohle auf Isolator und Elektroden.

Folgen: Startschwierigkeiten, Zündaussetzer, Beschleunigungsschwierigkeiten.

Mögliche Ursachen: Defekte Startklappe - zu fettes Luft/Kraftstoff Gemisch, verzögerter Zündzeitpunkt, schlechte Zündkabel, zu niedriger Wärmewert der Zündkerze.

**Incrostazioni da piombo**

Aspetto: Deposito a scaglie di colore giallo o marrone chiaro oppure strato vitreo lucido sull'isolante.

Risultati: Mancata accensione in caso di accelerazione repentina o carichi pesanti, ma senza effetti negativi in condizioni di funzionamento normale.

Cause probabili: Uso di benzina ad alto tenore di piombo.

Lead fouling

Appearance: Yellow or tan cinder-like deposits or a shiny glaze coating on the insulator.

Results: Misfiring under sudden acceleration or heavy load conditions but no adverse effect under normal operating conditions.

Possible causes: Use of petrol with high-lead contents.

Bleiverschmutzung

Zündkerzengesicht: Gelbe oder hellbraune, aschenähnliche Ablagerungen oder ein glänzender Belag auf dem Isolator.

Folgen: Zündaussetzer bei plötzlicher Beschleunigung oder Hochleistung. Jedoch keine beeinträchtigenden Auswirkungen unter normalen Betriebsbedingungen.

Mögliche Ursachen: Verwendung von Kraftstoff mit hohem Bleigehalt.

**Surriscaldamento**

Aspetto: Isolante di colore bianco intenso con piccoli depositi neri e precoce erosione degli elettrodi.

Risultati: Perdita di potenza con alte velocità /carichi pesanti.

Cause probabili: Candele non perfettamente serrate, raffreddamento motore insufficiente, fasatura di accensione con anticipo eccessivo, gradazione termica eccessivamente calda, detonazione violenta.

Over heating

Appearance: An extremely white insulator with small black deposits and premature electrode erosion.

Results: Loss of power at high-speed/heavy load.

Possible causes: Plug insufficiently tightened, engine insufficiently cooled, ignition timing too advanced, plug heat range too hot, severe detonation.

Überhitzung

Zündkerzengesicht: Ein extrem weißer Isolator mit kleinen schwarzen Ablagerungen und frühzeitiger Elektrodenerosion.

Folgen: Leistungsabfall bei hohen Drehzahlen/ Hochleistung.

Mögliche Ursachen: Zündkerze ist unzureichend angezogen, Motor ist nicht genügend gekühlt, Frühzündung, zu hoher Wärmewert der Zündkerze, starkes Motorklopfen.

**Preaccensione**

Aspetto: Elettrodo centrale e/o di massa fuso o bruciato; isolante con rigonfiamenti e depositi di alluminio o altri metalli.

Risultati: Perdita di potenza con conseguente danneggiamento del motore.

Cause probabili: Analoghe al caso da surriscaldamento. Preaccensione in caso di combustione anticipata rispetto alla fasatura.

Pre-ignition

Appearance: A melted or burned centre and/or ground electrode, blistered insulator and aluminum or other metallic deposits on the insulator.

Results: Loss of power then causing engine damage. Possible causes: Much the same as over heating. Pre-ignition takes place when combustion begins before the timed spark occurs.

Frühzündung

Zündkerzengesicht: Mittel- und/oder Masselektrode sind geschmolzen, Schmelzperlen, Aluminium und andere metallische Ablagerungen auf dem Isolator.

Folgen: Leistungsabfall und dann Motorschaden.

Mögliche Ursachen: Weitgehend dieselben wie bei Überhitzung. Die Verbrennung beginnt vor dem Zündzeitpunkt.



F

Analyse et aspects des bougies

Normal

Aspect: Dépôts gris clair ou jaunâtre et légère érosion de l'électrode.

Calaminage

Aspect: Carbon sec, noir et mou sur l'isolant et les électrodes.

Conséquences: Mauvais démarrage, ratés, accélération défectueuse.

Causes possibles: Starter défectueux - mélange air-carburant trop riche, retard à l'allumage, mauvais faisceau d'allumage, Indice Thermique (bougie trop froide).

Encrassement au plomb

Aspect: Dépôts jaunes sur le bec de la bougie, ou dépôts brillants autour du bec.

Conséquences: Ratés pendant une accélération brusque ou en condition de charge élevée (il n'y a pas d'effet néfaste dans des conditions normales de fonctionnement).

Causes possibles: Utilisation d'une essence à forte teneur en plomb.

Surchauffe

Aspect: Isolant extrêmement blanc avec des petits dépôts noirs et érosion prématurée de l'électrode.

Conséquences: Perte de puissance à grande vitesse/charge élevée.

Causes possibles: Bougies insuffisamment serrées, moteur insuffisamment refroidi, trop d'avance à l'allumage, indice thermique (bougies trop chaudes), détonation importante.

Auto-allumage

Aspect: Electrode centrale et/ou de masse fondue ou brûlée, isolant boursoufflé et dépôts d'aluminium ou métalliques sur l'isolant.

Conséquences: Perte de puissance pouvant endommager le moteur.

Causes possibles: Identiques à celles de la surchauffe. L'auto-allumage se produit lorsque la combustion commence avant que l'étincelle ne se produise.

E

Aspecto de bujías

Normal

Apariencia: Depósitos grises o crema claros y leve erosión del electrodo.

Encuciamiento por carbon

Apariencia: Carbón negro seco y suave en el aislante y los electrodos.

Resultados: Arranque costoso, fallos de encendido, aceleración defectuosa.

Causas posibles: Estrangulación defectuosa - mezcla de aire-combustible demasiado rica, tiempo retardado de encendido, malos hilos de bujía, Grado Térmico de la bujía demasiado frío.

Encuciamiento por plomo

Apariencia: Depósitos amarillos o crema parecidos a ceniza o una capa glaseada brillante en el aislante.

Resultados: Fallos en el encendido en aceleraciones subitas o condiciones de carga pesada. No hay efectos adversos bajo condiciones normales de operación.

Causas posibles: Uso de gasolina rica en plomo.

Sobrecalentamiento

Apariencia: Un aislante extremadamente blanco con pequeños depósitos negros y erosión prematura del electrodo.

Resultados: Pérdida de potencia a alta velocidad/ carga pesada.

Causas posibles: La bujía no está suficientemente ajustada, el motor no está suficientemente enfriado, el tiempo de la ignición está muy adelantado, grado térmico de la bujía demasiado caliente, detonación severa.

Ignición prematura

Apariencia: Electrodo central y/o electrodo de tierra derretidos o quemados, aislante dañado y aluminio u otros depósitos metálicos en el aislante.

Resultados: Pérdida de potencia que causa daño al motor.

Causas posibles: Casi las mismas que en el caso de sobrecalentamiento. La ignición prematura ocurre cuando la combustión comienza antes de que se produzca la chispa programada.

P

Estado de bujías

Estado normal

Aspecto: Depósitos de cor cinza ou marrom claro e sinais de erosão.

Incrustações a base de carbono

Aspecto: Preto-fumaça seco e perda de resistência no isolante e nos eletrodos.

Resultados: Arranque dificultoso, falta de ignição, aceleração defeituosa.

Causas prováveis: Dispositivo de arranque a frio defeituoso - mistura de ar-combustível excessivamente rica; regulação de ignição atrasada, condutores de ignição defeituosos, gradação térmica insuficiente.

Incrustações de chumbo

Aspecto: Depósito com marcas de cor amarela ou Marrom claro ou então, camada vítrea brilhante no isolante.

Resultados: Falta de ignição em caso de aceleração repentina ou cargas pesadas, mas, sem efeitos negativos em condições de funcionamento normal.

Causas prováveis: Uso de gasolina com alto teor de chumbo.

Aquecimento excessivo

Aspecto: Isolante de cor branco intenso com pequenos depósitos pretos e precoce erosão dos electrodos.

Resultados: Perda de potência com altas velocidades /cargas pesadas.

Causas prováveis: Velas não perfeitamente apertadas, arrefecimento do motor insuficiente, regulação da ignição com anticipo excessivo, gradação térmica excessivamente quente, detonação violenta.

Pré-ignição

Aspecto: Eléctrodo central e/ou de massa fundido ou queimado; isolante com enchimentos e depósitos de alumínio ou outros metais.

Resultados: Perda de potência com consequente danificação do motor.

Causas prováveis: Análogas ao caso de aquecimento excessivo. Pré-ignição em caso de combustão adiantada em relação da regulação.

Applicazione per marca e veicolo
Vehicle application guide
Zuordnung nach Marke und Fahrzeug
Affectations par marques et véhicules
Aplicación por marca y vehículo
Aplicação por marca e veículo

DENSO



MAGNETI MARELLI


kw

Note

 SHORT  CODE

Gap
IRIDIUM POWER

 SHORT  CODE

ALFA ROMEO

33 (905 / 907)

1.2	46	305.00		'83-'88	W22EP-U	062110450304	0,7		
1.3	55-64	305.02 / 305.87 / 301.68		'83-'90	W22EP-U	062110450304	0,7		
1.3 4x4 / Sportwagon	65	AR 307.32	W/O Cat	'90-'00	W20EPB	062110370304	0,8	IW20	062120070304
1.3 i.e.	65	.. / AR 307.53 IAW		09/'91-'00	W22EP-U	062110450304	0,7		
1.4 i.e.	64	307.55 - 304.55	Cat	08/'90-'94	W22EP-U	062110450304	0,7		
1.5	62-77	305.87 / 88		'83-'85	W22EP-U	062110450304	0,7		
1.5	62-77	301.46 / 301.82 / 305.04	W/O Cat	'83-'90	W22EP-U	062110450304	0,7		
1.5 Ti Quadr. Oro / Verde	77	305.20		'83-'90	W22EP-U	062110450304	0,7		
1.5 i.e.	70-72	307.50 / 51	W/O Cat	'90-'94	W22EP-U	062110450304	0,7		
1.7 Quadr. Verde / Sportwagon	84	305.50		'86-02/'90	W22EP-U	062110450304	0,7		
1.7 i.e. Quadr. verde	77-79	305.58 - 307.36	Cat	'88-'92	W22EP-U	062110450304	0,7		
1.7 i.e. 16V / QV / 4x4 / Sportw.	95-98	AR 307.46		01/'90-'00	K20PBR	062110050304	0,8	IK20	062120040304
1.7 i.e. 16V / QV / 4x4 / Sportw.	95-98	AR 307.47	Cat	01/'90-'00	K20PBR	062110050304	0,8	IK20	062120040304

75 (162B)

1.6	81	061.00		'85-09/'89	W22EP-U	062110450304	0,7		
1.6	77-79	611.01 / 02 - 612.01		08/'89-'92	W22EP-U	062110450304	0,7		
1.8	85-88	062.02	W/W Cat	'85-'90	W20EP-U	062110410304	0,8	IW20	062120070304
1.8 Ti / i.e Turbo	118	061.34 - 061.58		'86-08/'91	W22EP-U	062110450304	0,7		
1.8 i.e.	90	061.068		10/'88-03/'92	W22EP-U	062110450304	0,8		
2.0 i Twin spark	106-109	061.66 - 062.24		'86-'93	Q22P-U	062110300304	0,8		
2.5 i V-6	110	016.46		'85-'91	W22EP-U	062110450304	0,7		
2.5 i V-6	115	019.11 / 01648	Cat	'87-'93	W20EP-U	062110410304	0,8	IW20	062120070304
3.0 i V-6	136-141	061.20 - 061.503	W/O Cat	'86-'93	W22EPR-U	062110430304	0,7		
3.0 i V-6	133-136	061.20 - 061.24	Cat	01/'87-'93	W20EPR-U	062110390304	0,8	IW20	062120070304
90 (162)									
1.8	89	062.02		'84-01/'87	W22EP-U	062110450304	0,7		
2.0	97	062.12		'84-01/'87	W22EP-U	062110450304	0,7		
2.5 i V-6	100-116	016.46 - 019.11		'84-01/'87	W20EP-U	062110410304	0,8	IW20	062120070304

145 / 146 (930)

1.4 i.e.	66	AR 33501		07/'94→	W22EP-U	062110450304	0,7		
1.4 i 16V Twin spark	73	AR 33503	Ø 14mm	10/'96→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
1.6 i.e.	76	AR 33201		07/'94→	W22EP-U	062110450304	0,7		
1.6 i 16V Twin spark	77-88	AR 32101	Ø 14mm	10/'96→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
1.7 i.L 16V	95	AR 33401		07/'94→	Q22P-U	062110300304	0,8		
1.8 i 16V Twin spark	103-106	AR 67106	Ø 14mm	01/'97→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
2.0 i 16V Twin spark	100-115	AR 67204	Ø 14mm	10/'95→	PK20PTR-S9	062110200304	0,9		
			Ø 10mm		IU22	062120090304*	0,8	IU22	062120090304*

147 (937)

1.6 i 16V Twin spark	76	AR 37203 (103 hp)	Ø 14mm	10/'00→	K20PBR	062110050304	0,9	IK20	062120040304
			Ø 10mm		U22ETR	062110650304*	0,8	IU22	062120090304*
1.6 i 16V Twin spark	88	AR 32104 / AR 38104 (120 hp)	Ø 14mm	10/'00→	PK20PTR-S9	062110200304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
2.0 i 16V Twin spark	110-115	AR 32310	Ø 14mm	10/'00→	PK20PTR-S9	062110200304	0,9		

*For above engine there are two different spark plugs per cylinder required.



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147 (937)

2.0 i 16V Twin spark			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
2.0 JTS 16V	122	937.A1.000 (Direct injection)		10/00→	PK20PTR-S9	062110200304	0,9		
3.2 i V-6 24V GTA	184	932 A000		03/02→	PK20PR-P8	062110190304	0,8		

155 (167)

1.6 i 16V Twin spark	88		Ø 14mm	06/96→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,8	IU22	062120090304*
1.7 i Twin spark	85-93	AR 067.105		04/93→	Q22P-U	062110300304	0,8		
1.8 i Twin spark	93	067.101 / 102 / 103		02/92→	Q22P-U	062110300304	0,8		
1.8 i 16V Twin spark	103	AR 67 106	Ø 14mm	06/96→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,8	IU22	062120090304*
2.0 i Twin spark	110	067.201 / 202		02/92→	Q22P-U	062110300304	0,8		
2.0 Ti 16V Quadr. 4 (4x4)	137	067.203	Turbo	02/92→	W20EPBR-S	062110380304	0,7	IW20	062120070304
2.0 i 16V Twin spark	110	AR 67204	Ø 14mm	03/95→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,8	IU22	062120090304*
2.5 i V-6	121	067.301		02/92→	W22EPR-U	062110430304	0,8		

156 (932)

1.6 i 16V Twin spark	88	AR 32.101	Ø 14mm	09/97→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
1.8 i 16V Twin spark	103-106	AR 67.106 / AR 32.201	Ø 14mm	09/97→	PK20PR-P8	062110190304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
2.0 i 16V Twin spark	115	AR 67.204	Ø 14mm	09/97-05/99	PK20PTR-S9	062110200304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
2.0 i 16V Twin spark	114	AR 32.301	Ø 14mm	05/99→	PK20PTR-S9	062110200304	0,9		
			Ø 10mm		IU22	062120090304*	0,7	IU22	062120090304*
2.0 i 16V JTS	122	937 A1.000 (Direct injection)		03/02→	PK20PTR-S9	062110200304	0,9		
2.5 i V-6 24V	140	AR 32.401		10/97→	PK20PR-P8	062110190304	0,8		
3.2 i V-6 24V GTA	184	932 A000		03/02→	PK20PR-P8	062110190304	0,8		

159

1.9 JTS	118	939.A6.000	Direct injection	09/05→	IK16	062120030304	1,1	IK16	062120030304
2.2 JTS	136	939.A5.000	Direct injection	09/05→	IK16	062120030304	1,1	IK16	062120030304
3.2 JTS Q4	191	939.A000	Direct injection	12/05→	PT16VR13	062110220304	1,1	ITV16	062120060304

164 (164)

2.0 i Twin spark	102-107	064.16 - 064.20	W/W	06/87-09/92	Q22P-U	062110300304	0,8		
2.0 i Twin spark	106	AR 64103	Cat	09/92→	Q22P-U	062110300304	0,8		
2.0 Ti	126	064.76	Turbo	'88-'91	W22EPR-U	062110430304	0,8		
2.0 Ti V-6	151	64102	Turbo/Cat	'90-09/92	W22EP-U	062110450304	0,8		
2.5 i V-6	120	AR 662.01	Cat	09/92→	W20EPR-U	062110390304	0,7	IW20	062120070304
3.0 i V-6	132-140	064.10 / 064.12 Cat	W/W	06/87-09/92	W22EP-U	062110450304	0,8		
3.0 i V-6	132	AR 064.305	Cat	09/92→	W22EPR-U	062110430304	0,8		
3.0 i.e. V-6 24V Quadr. verde	168-171	AR 064.304	Cat	09/92→	PK20PR-P8	062110190304	0,8		
3.0 i.e. V-6 24V Super	152-155	AR 066.301	Cat	09/92→	PK20PR-P8	062110190304	0,8		
3.0 i.e. V-6 24V Q4 (4x4)	170	AR 64.308	Cat	02/94→	PK20PR-P8	062110190304	0,8		

166 (936)

2.0 i 16V Twin spark	114	AR 34.103		09/98→	PK20PR-P8	062110190304	0,9		
					IU22	062120090304*	0,7	IU22	062120090304*
2.0 i V-6 Turbo	151	AR 34.102		09/98→	W20EPR-U	062110390304	0,7	IW20	062120070304

*For above engine there are two different spark plugs per cylinder required.

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166 (936)										
2.5 i V-6 24V	140	AR 34.201			09/98→	PK20PR-P8	062110190304	0,8		
3.0 i V-6 24V	166	AR 34.301			09/98→	PK20PR-P8	062110190304	0,8		
3.2 V-6 24V	166	936A			06/03→	K22PR-ZU	062110140304	0,8		

BRERA

2.2 JTS	136	939.A5.000	Direct injection		01/06→	IK16	062120030304	1,1	IK16	062120030304
3.2 JTS Q4	191		Direct injection		01/06→	PT16VR13	062110220304	1,1	ITV16	062120060304

GIULIA

1.3 ... / Nuova Super 1300	64	.. / 005.30			'64-'79	W22EP-U	062110450304	0,8		
1.5					'64-'79	W22EP-U	062110450304	0,8		
1.6 ... / Nuova Super 1600	76	.. / 005.26			'64-'79	W22EP-U	062110450304	0,8		

GT

1.8 TS 16V	103	AR 32205	Ø 14mm	11/03→		PK20PR-P8	062110190304	0,9		
2.0 JTS 16V	121	937.A1.000 (Direct injection)			11/03→	PK20PTR-S9	062110200304	0,9		
3.2 V-6 24V	176	936.A6.000			11/03→	PK20PR-P8	062110190304	0,9		

GTV (916C..)

1.8 i 16V Twin spark	106	AR 322.01	Ø 14mm	01/97→		PK20PTR-S9	062110200304	0,9		
2.0 i 16V Twin spark	110	AR 162.01	Ø 14mm	04/95→		PK20PTR-S9	062110200304	0,9		
2.0 i V-6 Turbo	148	AR 162.02			04/95→	W22EP-U	062110450304	0,8		
3.0 i V-6 24V	162	AR 161.02			10/96→	PK20PR-P8	062110190304	0,8		
3.2 V-6 24V	176	932 A000			04/03→	PK20PR-P8	062110190304	0,8		

SPIDER (115)

2.0 i	88	15.88	Cat		01/90-95	W22EP-U	062110450304	0,8		
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SPIDER (916S..)

1.8 i 16V Twin spark	106	AR 67.106	Ø 14mm	01/97→		PK20PTR-S9	062110200304	0,9		
2.0 i 16V Twin spark	110	AR 67204	Ø 14mm	04/95→		PK20PTR-S9	062110200304	0,9		
2.0 JTS 16V	122	937.A1.000 (Direct injection)			04/03→	PK20PTR-S9	062110200304	0,9		
2.0 i V-6 Turbo	147	AR 016.202			08/98→	W20EPR-U	062110390304	0,9	IK20	062120040304
3.0 i V-6 24V	162	AR 016.102			08/98→	PK20PR-P8	062110190304	0,8		
3.2 V-6 24V		932 A000			04/03→	PK20PR-P8	062110190304	0,8		

SZ / RZ

3.0 i V-6 Zagato	152	615.01			'90-'94			0,9	IW20	062120070304
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ARO

DUSTER







1.4 SERIE 10 S	47	IAP-810-R99	4 Cyl.		'80→	W20FP-U	062110420304	0,8		
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SERIE 100

1.4 100 / 101 / 103 / 104	47	IAP-810-R99	4 Cyl.		'78→	W20FP-U	062110420304	0,8		
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*For above engine there are two different spark plugs per cylinder required.



		kW		Note			CODE	Gap		CODE
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ASIA

ROCSTA (BA)

1.8 i	57	F8 (OHC)		06/93→		W16EPR-U	062110350304	0,8		
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ASTON MARTIN

DB7

3.2 L-6 24V	250	AJ 6.4 (Eaton Compr.)		03/94→		Q22PR-U	062110280304	0,8		
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LAGONDA

5.3 V-8	228			'85-'91				0,8	IW20	062120070304
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SALOON

5.3 V-8	228			'72-'88		W20EPR-U	062110390304	0,8	IW20	062120070304
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VANTAGE

5.3 V-8		Carb.		→85		W20EP-U	062110410304	0,8	IW20	062120070304
5.3 V-8		Compression (9.3:1)		03/86-12/89		W22EPR-U	062110430304	0,9		
5.3 i V-8		Fi		'85-'90		W22EPR-U	062110430304	0,7		

VIRAGE

5.3 V-8 32V	246			'90→		Q20PR-U	062110250304	0,8	IK20	062120040304
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VOLANTE

4.0 V-8				'63-'74		W20EP-U	062110410304	0,6	IW20	062120070304
5.3 V-8	228	OHC		01/86→		W20EPR-U	062110390304	0,8	IW20	062120070304
5.3 V-8 32V				'90→		Q20PR-U	062110250304	0,8	IK20	062120040304

ZAGATO

5.3 V-8	318			'86-'88		W22EPR-U	062110430304	0,7		
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AUDI

80

1.6	51	PP	Cat	03/84-08/91		W20EPBR-S	062110380304	1,0		
1.6 i	75	ABB		08/90-07/93		W20EPB	062110370304	0,8	IW20	062120070304
1.6 i	52	ABM	Cat	01/92-12/94		W20EPBR-S	062110380304	0,8		
1.6 i	74	ADA		07/93-12/94		W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 ... / Quattro / S	64-66	DS - JV - NE	+ (S, CH)	09/82-10/91		W20EPB	062110370304	0,8	IW20	062120070304
1.8 i ... / Quattro / S	64-66	SF - JN - PM	Cat	01/83-10/91		W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 E / GTE / Quattro	81-82	DZ - PV - MU		01/83-12/87		W20EPB	062110370304	0,8	IW20	062120070304
1.8	55	RU	W/W Cat	10/86-10/91		W20EPBR-S	062110380304	0,8		
1.9 i E / Quattro	83	SD	Cat	08/86-07/88		W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 i	85	PS	W/W Cat	04/87-10/91		W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 i .. / Quattro	83	3 A	Cat	08/88-10/90		W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 i .. / Quattro	85	AAD	Cat	08/88-10/91		W20EPB	062110370304	0,8	IW20	062120070304
2.0 i .. / Quattro	85	ABK	Cat	08/91-12/94		W20EPBR-S	062110380304	0,9	IW20	062120070304
2.0 i	66	ABT	Cat	09/91-12/94		W20EPBR-S	062110380304	0,9	IW20	062120070304
2.0 i 16V / Quattro 16V	101	6 A	Cat	03/90-07/92		K22PBR-S	062110130304	0,8		
2.0 i 16V / Quattro 16V	101	6 A (High performance)	Cat	03/90-07/92		K22PR-ZU	062110140304	0,8		
2.0 i 16V / Quattro 16V	103	ACE	Cat	01/92-12/94		K22PBR-S	062110130304	0,8		
2.0 i 16V / Quattro 16V	103	ACE (High performance)	Cat	01/92-12/94		K22PR-ZU	062110140304	0,8		
2.2 S 2	169	ABY (5 Cyl.)	Cat	10/92-12/94		PK22PR8	062110580304	0,8		
2.2 Avant RS 2	232	ADU (5 Cyl.)	Cat	03/94-'00		PK22PR8	062110580304	0,8		
2.3 i .. / Quattro	98-100	NG (5 Cyl.)	Cat	09/91-'00		W20EPBR-S	062110380304	0,8	IW20	062120070304
2.6 i V-6 .. / Quattro	110	ABC	Cat	04/92-'00		K20PBR-S10	062110060304	1,0	IK20	062120040304

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AUDI

80										
Model	kw	Code	Cat	Year	Short Code	Code	Gap	Short Code	Code	
2.6 i V-6	106	ACZ	Cat	08/93-00	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.8 i V-6 .. / Quattro	128	AAH	Cat	08/91-00	K20PBR-S10	062110060304	1,0	IK20	062120040304	
90										
2.0	81-85	JS-HP-JL-SK (5 Cyl.)	W/W Cat	08/84-07/91	W20EPB	062110370304	0,8	IW20	062120070304	
2.0	85	PS (5 Cyl.)	W/W Cat	10/84-07/91	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0	83-85	3 A - AAD	Cat	09/87-10/90	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.2 i .. / Quattro	100	KV - HY (5 Cyl.)	W/W Cat	08/84-10/91	W20EPB	062110370304	0,8	IW20	062120070304	
2.3 .. / Quattro	85	KX (5 Cyl.)		01/85-03/87	W20EPB	062110370304	0,8	IW20	062120070304	
2.3 i 20V / Quattro 20V	125	7 A (5 Cyl.)	Cat	11/88-09-91	K22PBR-S	062110130304	0,8			
2.8 i V-6 .. / Quattro	128	AAH	Cat	01/92-00	K20PBR-S10	062110060304	1,0	IK20	062120040304	
100										
1.6	75	ABB		08/90-10/93	W20EPB	062110370304	0,8	IW20	062120070304	
1.8 i .. / Quattro	66	4 B	Cat	01/88-11/90	W20EPBR-S	062110380304	0,8	IW20	062120070304	
1.8 .. / Quattro	66	DS - JW - NP	W/W Cat	09/82-12/90	W20EPB	062110370304	0,8	IW20	062120070304	
1.8 .. / Quattro	66	SH	Cat	02/86-07/90	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 i .. / Quattro	85	RT (5 Cyl.)	W/W Cat	01/88-12/90	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 i .. / Quattro	85	AAD	Cat	01/91-00	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0	74	AAE		12/90-07/94	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 i	85	ABK	Cat	08/91-07/94	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 16V / Quattro 16V	103	ACE		01/92-07/94	K22PBR-S	062110130304	0,8			
2.2 Turbo / Turbo Quattro	118-121	MC (5 Cyl.)		08/86-12/90	W20EPB	062110370304	0,8	IW20	062120070304	
2.2 i .. / Quattro	101	KU - HX (5 Cyl.)	W/W Cat	10/83-12/90	W20EPB	062110370304	0,7	IW20	062120070304	
2.2 S 4	169	AAN (5 Cyl.)		08/91-00	PK22PR8	062110580304	0,8			
2.3 .. / Quattro	100	NF (5 Cyl.)		08/85-12/90	W20EPB	062110370304	0,8	IW20	062120070304	
2.3 .. / Quattro	98	AAR (5 Cyl.)	W/W/Cat	12/90-07/94			0,8	IW20	062120070304	
2.6 i V-6 .. / Quattro	106	ACZ		08/93-07/94	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.6 i V-6 .. / Quattro	110	ABC	Cat	06/92-07/94	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.8 i V-6 .. / Quattro	128	AAH	Cat	12/90-07/94	K20PBR-S10	062110060304	1,0	IK20	062120040304	
4.2 S 4	206	ABH (V-8)	Cat	12/92-07/94	T20EPR-U	062110320304	0,9			
200										
2.2 i Turbo / Turbo Quattro	118-121	MC (5 Cyl.)	Cat	08/85-12/90	W20EPB	062110370304	0,8	IW20	062120070304	
2.2 Turbo Quattro 20V	162	3 B (5 Cyl.)	Cat	03/89-11/90	PK22PR8	062110580304	0,8			
2.2 Turbo Quattro	147	1 B (5 Cyl.)		02-88-12/90	W20EPB	062110370304	0,8	IW20	062120070304	
2.2 Turbo	140-147	1 B - 2 B (5 Cyl.)		02-88-12/91	W20EPB	062110370304	0,8	IW20	062120070304	
A 2										
1.4 (8Z0)	55	AUA, BBY		09/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.6 (8Z0) FSI	81	BAD	Direct injection	05/02→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
A3										
1.6 (8L1)	74	ADP, AEH, AKL, APF, AVU		'96-'03	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.8 (8L1) 20V	92	ADR, AGN, APG		'96-'03	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.8 (8L1) 20V Turbo	110	AEB, AGU, AQA, ARZ, ARX, AUM		'96-'03	PK20PR-P8	062110190304	0,8			
1.8 (8L1) 20V Turbo	132	APP, AJQ, AUQ		08/98-'03	PK20PR-P8	062110190304	0,8			
1.6 (8P1) i	75	BGU, BSE, BSF		05/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.6 (8P1) FSI	85	BAG, BLF, BLP	Direct injection	08/03-12/04	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.0 (8P1) FSI Turbo	147	AXX	Direct injection	09/04→	PK20PR-P8	062110190304	0,8			



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AUDI

A4										
1.6 (8D)	52	ABM		'94-'01	W20EPBR-S	062110380304	0,8	IW20	062120070304	
1.6 (8D)	74	ADP, ALZ, ARM, ANA, AHL		'94-'01	K20PBR-S10	062110060304	0,8	IK20	062120040304	
1.6 (8D)	74	ABA, ARM		06/'94-'01	W20EPBR-S	062110380304	0,8	IW20	062120070304	
1.6 (8E2)	75	ALZ		11/'00→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.6 (8EC) i	75	ALZ		11/'04→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.8 (8D)	85	AFY		08/'95-'01	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.8 (8D) 20V	92	ADR, ARG, APT, AVV		'94-'01	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.8 (8D) 20V Turbo	110	AEB		'94-07/'98	K20PBR-S10	062110060304	0,8			
1.8 (8D) 20V Turbo	110	ARK, APU, ANB, AWT, ATW		08/'98-'01	PK20PR-P8	062110190304	0,8			
1.8 (8D) 20V Turbo	132	AJL, AQC		08/'97-'01	PK20PR-P8	062110190304	0,8			
1.8 (8E2) 20V Turbo	110	AVJ		11/'00→	PK20PR-P8	062110190304	0,8			
1.8 (8E2) 20V Turbo	120	BFB		04/'02→	PK20PR-P8	062110190304	0,8			
1.8 (8EC) i 20V Turbo	120	BFB		11/'04→	PK20PR-P8	062110190304	0,8			
2.0 (8D)	66	ABT		11/'94-'01	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 (8D)	79	ADW		'94-'01	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 (8E2) 20V	96	ALT		11/'00→	K20PBR-S10	062110060304	1,0	IK16	062120030304	
2.0 (8EC) i 20V	96	ALT		11/'04→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.0 (8EC) FSI Turbo	147	BGB, BWE	Direct injection	11/'04→	PK20PR-P8	062110190304	0,8			
2.0 (8EC) FSI Turbo	162	BUL	Direct injection	06/'05→	PK20PR-P8	062110190304	0,8			
2.4 (8D) V-6	110	AFM		07/'95-'01	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.4 (8D) V-6 30V	121	AGA, AJG, ALF, AML, AMM, APS, APZ, ARJ		08/'97-'01	K20TXR	062110120304	0,8	IK20	062120040304	
2.4 (8E2) V-6 30V	125	AML, BDV, ..		09/'01→	K20TXR	062110120304	0,8	IK20	062120040304	
2.6 (8D) V-6	102-110	ACZ, ABC		11/'94-'01	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.8 (8D) V-6	120-128	AFC, AAH		'94-'01	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.8 (8D) V-6 30V	142	ACK, ALG, APR, AMX		04/'96-'01	K20TXR	062110120304	0,8	IK20	062120040304	
2.8 (8D) V-6 30V	142	ADQ, ATQ		02/'99-'01	K20TXR	062110120304	0,8	IK20	062120040304	
3.0 (8E2) V-6 30V	155-160	ASN, BBJ		11/'00→	K20TXR	062110120304	0,8	IK20	062120040304	
A6										
1.8 (4A)	85-88	AFY		08/'95→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
1.8 (4A) 20V	92	ADR, AJP, AQR, ARH, AQE		'94→	K20PBR-S10	062110060304	0,8	IK20	062120040304	
1.8 (4B) 20V Turbo	110	AEB, ARK, APU, ANB, AWT		04/'97→	PK20PR-P8	062110190304	0,8			
1.8 (4B) 20V Turbo	132	AJL, AQC		08/'97→	PK20PR-P8	062110190304	0,8			
2.0 (4A)	74-85	AAE, ADW, ABK		06/'94→	W20EPBR-S	062110380304	0,8	IW20	062120070304	
2.0 (4A) 16V	103	ACE		06/'94→	K22PBR-S	062110130304	0,8			
2.0 (4B) 20V	96	ALT		08/'01→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.0 (4A) FSI Turbo	125	BPJ	Direct injection	06/'05→	PK20PR-P8	062110190304	0,8			
2.2 (4A) i 20V Turbo	169	AAN (5 Cyl.)		07/'96-07/'97	PK22PR8	062110580304	0,7			
2.4 (4A) V-6	110	AFM, ALW, ARN		07/'95-97	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.4 (4B) V-6 30V	121	AJG, AGA, ALF, APC		04/'97→	K20TXR	062110120304	0,8	IK20	062120040304	
2.4 (4B) V-6 30V	121	AML, APS, ARJ, AMM, APZ		08/'98→	K20TXR	062110120304	0,8	IK20	062120040304	
2.6 (4A) V-6	102-110	ACZ, ABC		06/'94-10/'97	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.7 (4B) V-6 30V Biturbo	169-184	AJK, APB, AZA, ARE		11/'97→	PK20PR-P8	062110190304	0,8			
2.8 (4A) V-6	120-128	AAH, AFC		06/'94→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.8 (4A) V-6	128	AEJ	(GUS)	07/'95→	K16PR-U	062110020304	0,8	IK16	062120030304	
2.8 (4A) V-6	128	AAH, AFC		'94→	K20PBR-S10	062110060304	1,0	IK20	062120040304	
2.8 (4A) V-6 30V	132-142	AGE, ACK, AHA, ALG, AMX		12/'95→	K20TXR	062110120304	0,8	IK20	062120040304	

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A6

3.0 (4B) V-6 30V	162	ASN, BBJ		08/01→	K20TXR	062110120304	0,8	IK20	062120040304
3.7 (4B) V-8 40V	191	AQG, ACK		10/98→	K20TXR	062110120304	0,8	IK20	062120040304
4.2 (4B) V-8 40V	221-246	ARS, ART, BAT		04/99→	PK20PTR-S9	062110200304	0,9		

A8

2.8 (4D) V-6	128	AEJ	(GUS)	07/95→	K16PR-U	062110020304	0,8	IK16	062120030304
2.8 (4D) V-6 30V	142	ADQ, ATQ, APR, APX, ATX		'98→	K20TXR	062110120304	0,8	IK20	062120040304
2.8 (4D) V-6 30V	142	ACK, ALG, AMX, APR, AQD		04/96→	K20TXR	062110120304	0,8	IK20	062120040304
3.0 (4E) V-6	162	ASN, BBJ		07-'03→	PK20PTR-S9	062110200304	0,9		
3.7 (4D) V-8	169	AEW, AKJ		07/95-12/98	T20EPR-U	062110320304	1,0		
3.7 (4D) V-8 40V	191	AQG, ACK		10/98→	PK20PTR-S9	062110200304	0,9		
3.7 (4E) V-8 40V	202	AQG, ACK		09/02→	PK20PTR-S9	062110200304	0,9		
4.2 (4D) V-8	180-220	ABH, AEM, AGH, ABZ, AKG		06/94-12/98	T20EPR-U	062110320304	0,8		
4.2 (4D) V-8 40V	228-257	AKB, AQF, AKD, ARU		08/98→	PK20PTR-S9	062110200304	0,9		
4.2 (4E) V-8 40V	246	AKB, AQF, AKD, ARU		09/02→	PK20PTR-S9	062110200304	0,9		

CABRIO

1.8 20V	92	ADR		05/97-01	K20PBR-S10	062110060304	0,9	IK20	062120040304
2.0	85	ABK		01/93-05/97	W20EPR-S	062110380304	0,8	IW20	062120070304
2.0 16V	103	ACE		06/94-01	K22PBR-S	062110130304	0,8		
2.6 V-6	110	ABC		01/94-01	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.8 V-6	128	AAH, AFC		11/92-01	K20PBR-S10	062110060304	1,0	IK20	062120040304

COUPE

1.8	82	DZ		08/86-07/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8	79	PV		08/86-12/87	W20EPB	062110370304	0,8	IW20	062120070304
1.8	64-66	DS - JV		09/82-12/87	W20EPB	062110370304	0,8	IW20	062120070304
2.0 i 16V	103	ACE	Cat	01/92-96	K22PBR-S	062110130304	0,8		
2.0 5 E	83-85	HP - JS - SK (5 Cyl.)		03/83-07/91	W20EPB	062110370304	0,8	IW20	062120070304
2.0 i 16V	101	6 A	Cat	03/90-07/92	K22PBR-S	062110130304	0,8		
2.0	83	3 A		05/89-07/90	W20EPR-S	062110380304	0,8	IW20	062120070304
2.0 i	85	ABK	Cat	08/91-96	W20EPR-S	062110380304	0,8	IW20	062120070304
2.0 i	85	AAD	Cat	10/90-07/91	W20EPR-S	062110380304	0,8	IW20	062120070304
2.2 .. / Quattro	100	KV - HY - JT (5 Cyl.)		08/84-07/91	W20EPB	062110370304	0,8	IW20	062120070304
2.3 i 20V / Quattro 20V	125	7 A (5 Cyl.)	Cat	11/88-09-91	K22PBR-S	062110130304	0,8		
2.6 i V-6 .. / Quattro	110	ABC	Cat	06/92-96	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.8 i V-6 .. / Quattro	128	AAH	Cat	09/91-96	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.2 S 2	162	3 B (5 Cyl.)	Cat	09/90-96	PK22PR8	062110580304	0,8		
2.2 S 2	169	ABY (5 Cyl.)	Cat	10/92-96	PK22PR8	062110580304	0,8		

QUATTRO

2.2	162	RR (5 Cyl.)		08/89-07/91	PK22PR8	062110580304	0,8		
2.3	147	MB (5 Cyl.)		08/86-07/89	W20EPB	062110370304	0,8	IW20	062120070304


RS4

2.7 V-6 30V Biturbo (+Quattro)	280	ASJ, AZR		05/00-01	PK22PR8	062110580304	0,8		
2.7 V-6 30V Biturbo	281	AZR (APB)		11/00→	PK22PR8	062110580304	0,8		

RS6

4.2 (4B) V-8 40V	331	BCY		07/02→	PK22PR8	062110580304	0,8		
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AUDI										
S2										
2.2		162	3 B (5 Cyl.)		09/90-09/92	PK22PR8	062110580304	0,7		
2.2		169	ABY (5 Cyl.)		10/92→	PK22PR8	062110580304	0,7		
S3										
1.8 20V Turbo		154-165	AMK, APY, BAM		11/98→	PK20PR-P8	062110190304	0,8		
S4										
2.2 i 20V Turbo		169	AAN (5 Cyl.)		08/91→	PK22PR8	062110580304	0,7		
2.7 V-6 30V Biturbo		169-195	AJK, APB, AGB		07/98→	PK20PR-P8	062110190304	0,8		
4.2		206	ABH		12/92-07/94	T20EPR-U	062110320304	0,8		
4.2 V-8 40V Biturbo		253	BBK		03/03→	PK20PTR-S9	062110200304	0,9		
S6										
2.2 i 20V Turbo		169	AAN (5 Cyl.)		06/94-02/97	PK22PR8	062110580304	0,7		
4.2 V-8		206-213	ABH, AEC		10/91-10/97	T20EPR-U	062110320304	0,8		
4.2 V-8 40V		250	AQJ		09/99→	K20TXR	062110120304	0,8	IK20	062120040304
4.2 V-8 Quattro		240	AHC, AHK		04/96-12/98	T20EPR-U	062110320304	0,9		
S8										
4.2 i V-8		250	AHC, AKH		10/96→	T20EPR-U	062110320304	0,8		
4.2 V-8 40V		265	AQH, BCS, AVP, AYS		05/99→	K20TXR	062110120304	0,8	IK20	062120040304
TT / TTS (8N3, 8N9)										
1.8 20V Turbo		132	AJQ, APP, AWP, ARY, AUQ		'98→	PK20PR-P8	062110190304	0,8		
1.8 20V Turbo		165	AMK, APU, AMU, BAM, APX		'98→	PK20PR-P8	062110190304	0,8		
1.8 20V		110	AUM		01/01→	PK20PR-P8	062110190304	0,8		
V - 8										
3.6		184	PT		10/88-06/94	T20EPR-U	062110320304	0,8		
4.2		206	ABH		10/91-07/94	T20EPR-U	062110320304	0,8		
AUSTIN MORRIS										
MINI										
0.9 850					'69-'88	W20EP-U	062110410304	0,6	IW20	062120070304
1.0 1000					'69-'91	W20EP-U	062110410304	0,6	IW20	062120070304
1.1 1100 / Clubman / GTS					'69-'88	W20EP-U	062110410304	0,6	IW20	062120070304
1.3 Cooper / S / Deluxe / 127E					'69-'91	W20EP-U	062110410304	0,6	IW20	062120070304
1.3 Cooper		36-45			02/91-01	W20EPR-U	062110390304	0,8	IW20	062120070304
MINOR										
1.0					'57-'71	W20EP-U	062110410304	0,6	IW20	062120070304
BEDFORD										
ASTRA / ASTRAMAX										
1.3		44-55	OHC		'82-10/89	W22EPR-U	062110430304	0,7		
1.4		56	OHC		'89-09/93	W22EPR-U	062110430304	0,7		
1.6		60-66	OHC		'82-09/93	W22EPR-U	062110430304	0,7		
BENTLEY										
ARNAGE										
6.8 i (Red label)		298	V-8 Turbo	Cat (16mm hex.)	'99→			0,9	IK16	062120030304

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BENTLEY

BROOKLANDS

6.8 i	224	V-8 Turbo	Cat (16mm hex.)	'96→			0,9	IK16	062120030304
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CONTINENTAL R

6.8 i	286	V-8 Turbo	Cat (16mm hex.)	09/'95→			0,9	IK16	062120030304
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CONTINENTAL T

6.8 i	312	V-8 Turbo	Cat (16mm hex.)	'98→			0,9	IK16	062120030304
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MULSANNE

6.8		V-8		→'85	W16EPR-U	062110350304	0,8		
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BERTONE

FREECLIMBER

1.6 1.6 i	74	M 40 B 16		02/'92→	K20TXR	062110120304	0,9	IK20	062120040304
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1 SERIES

116 i 1.6 (E 87)	85	N 45 B16		09/'04→	K20TXR	062110120304	0,9	IK20	062120040304
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118 i 2.0 (E 87)	95	N 46 B20		09/'04→	K20TXR	062110120304	0,9	IK20	062120040304
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120 i 2.0 (E 87)	110	N 42 B20		09/'04→	K20TXR	062110120304	0,9	IK20	062120040304
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130 i 3.0 (E 87)	195	N 52 B30A		09/'05→			1,1	IK20	062120040304
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2002 Turbo

2002 Turbo 2.0 (E20)	125			74-75			0,7	IW20	062120070304
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3 SERIES

316 g Compact 1.6 (E36)	75	M 43 B16 (16 4 E 2)	Gas CNG	09/'88-04/'91	K20TXR	062110120304	0,9	IK20	062120040304
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316 i Compact 1.6 (E36)	75	M 43 B16 (16 4 E 2)		04/'94-06/'01	K20TXR	062110120304	0,9	IK20	062120040304
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316 i Compact 1.9 (E36)	77	M 43 B19		01/'99→	K20TXR	062110120304	0,9	IK20	062120040304
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316 ti Compact 1.8 (E46)	85	N 42 B 18A (NG4) Valvetronic	(1796cc)	05/'91-08/'93	K20TXR	062110120304	0,9	IK20	062120040304
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318 ti Compact 1.8 (E36)	103	M 42 B18		09/'93→	K20TXR	062110120304	0,9	IK20	062120040304
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318 ti Compact 1.9 (E36)	103	M 44 B19		04/'00→	K20TXR	062110120304	0,9	IK20	062120040304
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318 ti Compact 2.0 (E46)	105	N 42 B 20		04/'00→	K20TXR	062110120304	0,9	IK20	062120040304
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323 ti Compact 2.5 (E36)	125	M 52 B25		06/'01→	K20TXR	062110120304	0,9	IK20	062120040304
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325 ti Compact 2.5 (E46)	141	M 54 (25 6 S5)	(2494cc)	06/'01→	K20TXR	062110120304	0,9	IK20	062120040304
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316 i 1.6 (E30)	73	M 40 B16 (16 4 E1)		09/'98→	K16R-U	062110480304	0,7	IK16	062120030304
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316 i 1.8 (E30)	75	M 10 B18 (18 4 KA, -VD)		09/'98→	W16EP-U	062110360304	0,7		
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316 i 1.6 (E36)	73-75	M 40 B16 (16 4 E1)		09/'82-08/'87	K20TXR	062110120304	0,9	IK20	062120040304
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316 i 1.6 (E36)	75	M 43 B16 (16 4 E2)		09/'87-04/'91	K20TXR	062110120304	0,9	IK20	062120040304
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316 i 1.6 (E46)	77	M 43 B16 (16 4 E3)	50.000km	09/'89-10/'90	K20TXR	062110120304	0,9	IK20	062120040304
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316 i 1.6 (E46)	77	M 43 B16 (16 4 E3)	100.000km Iridium	04/'89-04/'91			1,1	IK20	062120040304
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316 i 1.8 (E46)	85	N 42 B18A (NG4) (1796cc)	50.000km	04/'89-04/'91	K20TXR	062110120304	0,9	IK20	062120040304
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316 i 1.8 (E46)	85	N 42 B18A (NG4) (1796cc)	100.000km Iridium	04/'91-08/'93			1,1	IK20	062120040304
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316 i 1.9 (E46)	77	M 43 B18 (19 4 E1)	50.000km	09/'93→	K20TXR	062110120304	0,9	IK20	062120040304
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316 i 1.9 (E46)	77	M 43 B18 (19 4 E1)	100.000km Iridium	11/'90→			1,1	IK20	062120040304
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318 i 1.8 (E30)	75-77	M 10 B18 (18 4 KA, -EB)		11/'95→	W16EP-U	062110360304	0,7		
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318 i 1.8 (E30)	83-85	M 40 B18 (18 4 E1)		04/'99→	K16R-U	062110480304	0,7	IK16	062120030304
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318 is 1.8 (E30)	100	M 42 B18 (18 4 S1)		04/'99→	K20TXR	062110120304	0,9	IK20	062120040304
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318 i 1.8 (E36)	83	M 40 B18 (18 4 E1)		09/'01→	K16R-U	062110480304	0,7	IK16	062120030304
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318 i 1.8 (E36)	83	M 40 B18 (18 4 E1)	Option	09/'01→	K20TXR	062110120304	0,9	IK20	062120040304
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318 i 1.8 (E36)	83	M 40 B18 (18 4 E1)		09/'82-12/'87	K20TXR	062110120304	0,9	IK20	062120040304
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318 i 1.8 (E36)	85	M 43 B18 (18 4 E2)		12/86-03/93	K20TXR	062110120304	0,9	IK20	062120040304
318 is 1.8 (E36)	103	M 42 B18 (18 4 S1)		04/91→	K20TXR	062110120304	0,9	IK20	062120040304
318 is 1.9 (E36)	103	M 44 B19 (19 4 S1)		01/94→	K20TXR	062110120304	0,9	IK20	062120040304
318 i 1.9 (E46)	87	M 43 B19 (19 4 E1) (1995cc)	50.000km	04/98→	K20TXR	062110120304	0,9	IK20	062120040304
318 i 1.9 (E46)	87	M 43 B19 (19 4 E1) (1995cc)	100.000km Iridium	04/98→			1,1	IK20	062120040304
318 i 2.0 (E46)	105	N 42 B20A (NG4) (1995c)	50.000km	09/00→	K20TXR	062110120304	0,9	IK20	062120040304
318 i 2.0 (E46)	105	N 42 B20A (NG4) (1995c)	100.000km Iridium	09/00→			1,1	IK20	062120040304
318 i 2.0 (E90 / 91)	95	N 46 B20 B		09/05→			1,1	IK20	062120040304
320 i 2.0 (E30)	92-95	M 20 B20 (20 6 EB, -EE)		01/05→	W16EP-U	062110360304	0,7		
320 i 2.0 (E36)	110	M 50 B20 (20 6 S1, -S2, -S3, -S4)		03/95→	K20TXR	062110120304	0,9	IK20	062120040304
320 i 2.0 (E36)	110	M 52 B20 (20 6 S3)		03/98→	K20TXR	062110120304	0,9	IK20	062120040304
320 i 2.0 (E46)	110	M 52 B20 (20 6 S4) (1991cc)	50.000km	03/98→	K20TXR	062110120304	0,9	IK20	062120040304
320 i 2.0 (E46)	110	M 52 B20 (20 6 S4) (1991cc)	100.000km Iridium	01/85-12/88			1,1	IK20	062120040304
320 i 2.2 (E46)	125	M 54 B22 (22 6 S1) (2171cc)	50.000km	09/85-12/86	K20TXR	062110120304	0,9	IK20	062120040304
320 i 2.2 (E46)	125	M 54 B22 (22 6 S1) (2171cc)	100.000km Iridium	12/86-03/93			1,1	IK20	062120040304
320 i 2.0 (E90)	110	N 46 B20		03/86-12/86			1,1	IK20	062120040304
323 i 2.3 (E30)	102-110	M 20 B23 (23 6 EB, -EC, -EW)		12/86-08/91	W16EP-U	062110360304	0,7		
323 i 2.5 (E36)	125	M 52 B25 (25 6 S3)		04/91→	K20TXR	062110120304	0,9	IK20	062120040304
323 i 2.5 (E46)	125	M 52 B25 (25 6 S4) (2494cc)	50.000km	09/00→	K20TXR	062110120304	0,9	IK20	062120040304
323 i 2.5 (E46)	125	M 52 B25 (25 6 S4) (2494cc)	100.000km Iridium	09/00→			1,1	IK20	062120040304
325 i 2.5 (E30)	126	M 20 B25 (25 6 E1, -E2)		01/95→	W20EPR-U	062110390304	0,7	IW20	062120070304
325 ix 2.5 (E30)	126	M 20 B25 (25 6 E1, -E2)		09/00→	W20EPR-U	062110390304	0,7	IW20	062120070304
325 i 2.5 (E36)	141	M 50 B25 (25 6 S1, -S2)		05/00→	K20TXR	062110120304	0,9	IK20	062120040304
325 i / xi 2.5 (E46)	141	M 54 B25 (25 6 S5) (2494cc)	50.000km	01/05→	K20TXR	062110120304	0,9	IK20	062120040304
325 i / xi 2.5 (E46)	141	M 54 B25 (25 6 S5) (2494cc)	100.000km Iridium	11/95-09/00			1,1	IK20	062120040304
328 i 2.8 (E36)	142	M 52 B28 (28 6 S1)		06/01→	K20TXR	062110120304	0,9	IK20	062120040304
328 i 2.5 (E46)	142	M 52 B28 (28 6 S1/-S2) (2793cc)	50.000km	11/94→	K20TXR	062110120304	0,9	IK20	062120040304
328 i 2.5 (E46)	142	M 52 B28 (28 6 S1/-S2) (2793cc)	100.000km Iridium	11/95→			1,1	IK20	062120040304
330 i / xi 3.0 (E46)	170	M 54 B30 (30 6 S3) (2979cc)	50.000km	06/01→	K20TXR	062110120304	0,9	IK20	062120040304
330 i / xi 3.0 (E46)	170	M 54 B30 (30 6 S3) (2979cc)	100.000km Iridium	07/97-06/01			1,1	IK20	062120040304

5 SERIES

518 1.8 (E28)	66	M 10 B18		06/81-08/84	W16EP-U	062110360304	0,7		
518 i 1.8 (E28)	77	M 10 B18		09/84-12/87	W16EP-U	062110360304	0,7		
518 g Touring 1.8 (E34)	85	M 43 B18 (18 4 E2)	Gas CNG	11/95-06/96	K20TXR	062110120304	0,9	IK20	062120040304
518 i 1.8 (E34)	83-85	M 40 B18 (18 4 E1)		09/89-09/91	K16R-U	062110480304	0,7	IK16	062120030304
518 i 1.8 (E34)	83-85	M 40 B18 (18 4 E1)		09/89→	K20TXR	062110120304	0,9	IK20	062120040304
518 i 1.8 (E34)	85	M 43 B18 (18 4 E2)		09/89→	K20TXR	062110120304	0,9	IK20	062120040304
520 i 2.0 (E28)	92-95	M 20 B20		06/81-12/87	W16EP-U	062110360304	0,7		
520 i 2.0 (E34)	110	M 50 B20 (20 6 S1, -S2)		09/89→	K20TXR	062110120304	0,9	IK20	062120040304
520 i 2.0 (E39)	110	M 52 B20 (20 6 S3, -S4)		01/96→	K20TXR	062110120304	0,9	IK20	062120040304
520 i 2.2 (E39)	125	M 54 B22 (22 6 S1)		09/00-07/03	K20TXR	062110120304	0,9	IK20	062120040304
520 i 2.2 (E60 / 61)	125	M 54 B22		07/03→	K20TXR	062110120304	0,9	IK20	062120040304
523i 2.5 (E39)	125	M 52 B25 (25 6 S2, -S4)		09/95→	K20TXR	062110120304	0,9	IK20	062120040304
525 e 2.7 (E28)	92-95	M 20 B27		05/83-12/87	W16EP-U	062110360304	0,7		
525 i 2.5 (E28)	110	M 30 B25 (25 6 EA)		06/81-12/87	W16EP-U	062110360304	0,7		
525 i 2.5 (E34)	141	M 50 B25 (25 6 S1, -S2)	W/W Cat	09/89→	K20TXR	062110120304	0,9	IK20	062120040304

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5 SERIES									
525 i x 2.5 (E34)	141	M 50 B25 (25 6 S1, -S2)		09/91→	K20TXR	062110120304	0,9	IK20	062120040304
525 i 2.5 (E39)	141	M 54 B25 (25 6 S6)		09/00-07/03	K20TXR	062110120304	0,9	IK20	062120040304
525 i 2.5 (E60 / 61)	141	M 54 B25		09/03→	K20TXR	062110120304	0,9	IK20	062120040304
528 i 2.8 (E28)	135	M 30 B28		06/81-12/87	W16EP-U	062110360304	0,7		
528 i 2.8 (E39)	142	M 52 B28 (28 6 S1, -S2)		09/95→	K20TXR	062110120304	0,9	IK20	062120040304
530 i 3.0 (E34)	160	M 60 B30 (30 8 S1) (V-8)		09/92→	K20TXR	062110120304	0,9	IK20	062120040304
530 i 3.0 (E39)	170	M 54 B30 (30 6 S3)		09/00-07/03	K20TXR	062110120304	0,9	IK20	062120040304
530 i 3.0 (E60 / 61)	170	M 54 B30		07/03→	K20TXR	062110120304	0,9	IK20	062120040304
535 i 3.4 (E28)	160	M 30 B35		09/84-12/87	W16EP-U	062110360304	0,7		
535 i 3.5 (E39)	173	M 62 B35 (35 8 S1, -S2) (V-8)		04/96→	K20TXR	062110120304	0,9	IK20	062120040304
540 i 4.0 (E34)	210	M 60 B40 (40 8 S1, -S2) (V-8)		09/92→	K20TXR	062110120304	0,9	IK20	062120040304
540 i 4.4 (E39)	210	M 62 B44 (44 8 S1, -S2) (V-8)		04/96→	K20TXR	062110120304	0,9	IK20	062120040304
540 i 4.0 (E60 / 61)	225	N 62 B40A		07/05→			1,1	IK20	062120040304
545 i 4.4 (E60 / 61)	245	N 62 B44		09/03→	K20TXR	062110120304	0,9	IK20	062120040304
550 i 4.8 (E60 / 61)	270	N 62 B48 A		07/05→			1,1	IK20	062120040304
6 SERIES									
628 CSi 2.8 (E24)	135	M 30 B28 / M86		09/79-08/87	W16EP-U	062110360304	0,7		
630 CS 3.0 (E24)	135-136	M 30 B30		04/76-08/79	W16EP-U	062110360304	0,7		
633 CSi 3.2 (E24)	145-147	M 30 B32		09/79-04/82	W16EP-U	062110360304	0,7		
635 CSi 3.4 (E24)	150-162	M 30 B35		05/82-05/87	W16EP-U	062110360304	0,7		
635 CSi 3.5 (E24)	160	M 30 B35		06/78-04/82	W16EP-U	062110360304	0,7		
645 Ci 4.4 (E63 / 64)	245	N 62 B44		01/04→	K20TXR	062110120304	0,9	IK20	062120040304
650 i 4.8 (E63 / 64)	270	N 62 B40		07/05→			1,1	IK20	062120040304
7 SERIES									
728 2.8 (E23)	125	M 30 B28		05/77-08/79	W16EP-U	062110360304	0,7		
728 i 2.8 (E23)	135	M 30 B28		07/78-08/86	W16EP-U	062110360304	0,7		
728 i / iL 2.8 (E38)	142	M 52 B28		09/95→	K20TXR	062110120304	0,9	IK20	062120040304
730 3.0 (E23)	135	M 30 B30		05/77-08/79	W16EP-U	062110360304	0,7		
730 i / iL 3.0 (E32)	160	M 60 B30 (V-8)		09/92-06/94	K20TXR	062110120304	0,9	IK20	062120040304
730 i / iL 3.0 (E38)	160	M 60 B30 (V-8)		06/94→	K20TXR	062110120304	0,9	IK20	062120040304
730 i / iL 3.0 (E65 / 66)	170	N 62 B30		03/03→	K20TXR	062110120304	0,9	IK20	062120040304
732 i 3.2 (E23)	145	M 30 B32		09/79-08/86	W16EP-U	062110360304	0,7		
733 i 3.2 (E23)	145	M 30 B32		05/77-08/79	W16EP-U	062110360304	0,7		
735 i 3.4 (E23)	160	M 30 B35		09/79-08/86	W16EP-U	062110360304	0,7		
735 i / iL 3.5 (E38)	173	M 62 B35 (V-8)		01/96→	K20TXR	062110120304	0,9	IK20	062120040304
735 i / iL 3.6 (E65 / 66)	200	N 62 B36		11/01→	K20TXR	062110120304	0,9	IK20	062120040304
740 i / iL 4.0 (E32)	210	M 60 B40 (V-8)		08/92-06/94	K20TXR	062110120304	0,9	IK20	062120040304
740 i / iL 4.0 (E38)	210	M 60 B40 (V-8)		06/94→	K20TXR	062110120304	0,9	IK20	062120040304
740 i / iL 4.4 (E38)	210	M 62 B44 (V-8)		01/96→	K20TXR	062110120304	0,9	IK20	062120040304
740 i / iL 4.0 (E65 / 66)	225	N 62 B40		01/05→			1,1	IK20	062120040304
745 i / Turbo 3.2 (E23)	185	M 30 B32 (32 6 TA)		04/80-04/83	W16EP-U	062110360304	0,7		
745 i 3.4 (E23)	185	M 30 B34		05/83-08/86	W16EP-U	062110360304	0,7		
745 i / iL 4.4 (E65 / 66)	245	N 62 B44		11/01→	K20TXR	062110120304	0,9	IK20	062120040304
750 i / iL 5.0 (E32)	220	M 70 B50	Cat	09/87-11/94	K16R-U	062110480304	0,7	IK16	062120030304
750 i / iL 5.4 (E38)	240	M 73 B54	Fast driving	11/94→	KJ16CR-L11	062110150304	0,8	IK16	062120030304
750 i / iL 4.8 (E65 / 66)	270	N 62 B50		01/05→			1,1	IK20	062120040304



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Note

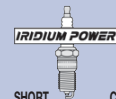


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7 SERIES

760 i / iL 6.0 (E65 / 66)	327	N 73 B60		01/03→	K20TXR	062110120304	0,9	IK20	062120040304
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8 SERIES

840 i 4.0 (E31)	210	M 60 B40 (V-8)		03/93→	K20TXR	062110120304	0,9	IK20	062120040304
840 Ci 4.4 (E31)	210	M 62 B44 (V-8)		01/96→	K20TXR	062110120304	0,9	IK20	062120040304
850 i / Ci 5.0 (E31)	220	M 70 B50	Cat	04/90-12/94	K16R-U	062110480304	0,7	IK16	062120030304
850 Ci 5.4 (E31)	240	M 73 B54	Fast driving	10/94→	KJ16CR-L11	062110150304	0,8	IK16	062120030304
850 CSI 5.6 (E31)	280	M 70 B56		04/93→	K16R-U	062110480304	0,7	IK16	062120030304

M SERIES

M 3 3.2 (E46)	252	S 54 B32 (6 Cyl.)		06/00→	IXU24	062120080304	0,8	IXU24	062120080304
M 3 CSL 3.2 (E46)	265	S 54 B32 (6 Cyl.)		06/03→	IXU24	062120080304	0,8	IXU24	062120080304
M 5 3.5 (E34)	232	S 38 B36		10/88-05/92	XU22EPR-U	062110460304	0,6		
M 5 3.8 (E34)	250	S 38 B38		03/92-09/95	XU22EPR-U	062110460304	0,6		
M 5 5.0 (E39)	294	S 38 B49 (V-8)		09/98-07/03	K20TXR	062110120304	0,9	IK20	062120040304
M 5 5.0 (E39)	294	S 38 B49 (V-8)	High Perf.	09/98-07/03	IK20	062120040304	0,9	IK20	062120040304
M 535 i 3.4 (E28)	150-160	M 30 B35		04/80-12/87	W16EP-U	062110360304	0,7		

X 3

2.0 (E83)	110	N 46 B20		07/05→			1,1	IK20	062120040304
2.5 (E83)	141	M 54 B30 (25 6 S3) (2494cc)	50.000km	10/03→	K20TXR	062110120304	0,9	IK20	062120040304
2.5 (E83)	141	M 54 B30 (25 6 S3) (2494cc)	100.000km Iridium	10/03→			1,1	IK20	062120040304
3.0 (E83)	170	M 54 B30 (30 6 S3) (2979cc)	50.000km	10/03→	K20TXR	062110120304	0,9	IK20	062120040304
3.0 (E83)	170	M 54 B30 (30 6 S3) (2979cc)	100.000km Iridium	10/03→			1,1	IK20	062120040304

X 5

3.0 (E53)	170	M 54 D30 (30 6 S3)		05/00→	K20TXR	062110120304	0,9	IK20	062120040304
4.4 (E53)	210	M 62 B44 (44 8 S2)		05/00→	K20TXR	062110120304	0,9	IK20	062120040304
4.6 (E53)	255	M 62 B46 (46 8 S1)		02/02→	K20TXR	062110120304	0,9	IK20	062120040304
4.8 (E53)	265	M 62 B48 (48 8 S4)		04/04→	K20TXR	062110120304	0,9	IK20	062120040304

Z 3

1.8 (E 36 / 7)	85	M 43 B18		11/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.9 (E 36 / 7)	103	M 44 B19		11/95-03/99	K20TXR	062110120304	0,9	IK20	062120040304
1.9 (E 36 / 7)	85	M 43 B19		03/99→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 (E 36 / 7)	110	M 52 B20		09/98→	K20TXR	062110120304	0,9	IK20	062120040304
2.2 (E 36 / 7)	125	M 54 B22		09/00→	K20TXR	062110120304	0,9	IK20	062120040304
2.8 (E 36 / 7)	142	M 52 B28		11/96→	K20TXR	062110120304	0,9	IK20	062120040304
3.0 (E 36 / 7)	170	M 54 B30		09/00→	K20TXR	062110120304	0,9	IK20	062120040304

Z 4

2.0 (E 85)	110	N 46 B20		09/04→			1,1	IK20	062120040304
2.2 (E 85)	125	M 54 B22		10/03→	K20TXR	062110120304	0,9	IK20	062120040304
2.5 (E 85)	141	M 54 B25		10/02→	K20TXR	062110120304	0,9	IK20	062120040304
3.0 (E 85)	170	M 54 B30		10/02→	K20TXR	062110120304	0,9	IK20	062120040304

Z 8

5.0 (E 52)	294	S 62 B50		03/00-10/03	K20TXR	062110120304	0,9	IK20	062120040304
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CATERA

3.0 i V-6 24V	149	V-6 < R > (Opel)		'97→	K16TNR-S9	062110500304	1,0	IK16	062120030304
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CATERHAM

SUPER SEVEN

1.6 GT	62	Ford Kent		01/'85-12/'91	W22EPR-U	062110430304	0,8		
1.6 i 16V	82	Rover K-series		04/'95→	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 HPC 16V		OPEL		07/'91→	Q22PR-U	062110280304	0,8		
21									
1.6 i 16V	82	Rover K-series		'97→	K20PR-U	062110070304	0,8	IK20	062120040304
1.6 i 16V Supersport /-light	100	Rover K-series		'97→	Q22PR-U	062110280304	0,8		

CHEVROLET (DAEWOO)

ARCADIA

3.2 i 24V	164	C 32 A2 (V-6 SOHC)		09/'93-'00	PK20PR11	062110180304	1,1		
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ARANOS

1.6 i	70	(OHC, Mpi)		11/'94-'98	W16EPR-U	062110350304	0,8	IW20	062120070304
1.8 i	60-81	(OHC, Mpi)		11/'94-'98	W16EPR-U11	062110610304	1,0		
2.0 i	81	C 20 LE (OHC, Mpi)		11/'94-'98	W16EPR-U11	062110610304	1,0		

DAMAS

0.8	28	Suzuki-F 8 CB		10/'91→	W16EPR-U	062110350304	0,8		
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ESPERO

1.5 i	55-59	G 15 MF		04/'93-'95	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5 i 16V	66	A 15 MF (DOHC, Mpi)		03/'91-'95	K20PR-U11	062110080304	1,1	IK20	062120040304
1.5 i 16V	66	A 15 MF (DOHC, Mpi)		01/'95→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 i	66-70	C 18 LE (OHC, Mpi)		01/'95→	W16EPR-U	062110350304	0,9		
2.0 i	74	C 20 LZ (Opel)		10/'90-'95	W16EPR-U11	062110610304	1,1		
2.0 i	77	C 20 LE (OHC, Mpi)		01/'95→	W16EPR-U11	062110610304	1,0		

EVANDA

2.0 i 16V	96	T20SED		08/'02→	K20TXR	062110120304	0,8	IK20	062120040304
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KALOS

1.2 i	53	B 12 S1		04/'03→	W16EXR-U11	062110620304	1,1		
1.4 i	61	1.4 E-TEC (1399cc SOHC)		'00→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 i 16V	69	K14 D3		04/'03→	K20PR-U11	062110080304	1,1	IK20	062120040304

KORANDO

2.0 i	93	M 161.940		01/'97→	Q20P-U	062110270304	0,8	IK16	062120030304
2.3 i 16V (4x4)	102	M 161.970 (E23)		01/'97→	Q20P-U	062110270304	0,8	IK16	062120030304
3.2 i	154	M 162.990	6 Cyl.	12/'96→	Q20P-U	062110270304	0,8	IK16	062120030304

LACETTI

1.4 i 16V	70	F14D3		09/'03	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 i 16V	80	F16D3		09/'03	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 i 16V	90	T18SED		09/'03	K20TXR	062110120304	0,8	IK20	062120040304

LANOS

1.4 i	55	A 13 SM (OHC Mpi E-Tec)		08/'97→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 i	63	A 15 SMS (OHC E-Tec)		06/'97→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 i 16V (SXi)	78	A 16 DM (DOHC VGIS)		06/'97→	K20PR-U11	062110080304	1,0	IK20	062120040304


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Gap

IRIDIUM POWER


SHORT

CODE

CHEVROLET (DAEWOO)
LEGANZA

1.8 i 16V	66	DOHC		09/97→	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V	98	X 20 SE (DOHC, D-Tec)		09/97-12/02	K20TXR	062110120304	0,9	IK16	062120030304
2.2 i 16V	100	T22 SED		09/97-12/02	K20TXR	062110120304	0,8	IK20	062120040304

LE MANS

1.5	63-66	G 15 CF (Opel)		01/88-12/91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5 i	55-66	G 15 SF / MF (Opel)		09/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5 i 16V	73	A 15 MF (DOHC)		04/93→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 i	68	G 16 SF		01/88→	W16EPR-U	062110350304	0,7		
2.0 i GSE	73	C 20 LZ (Opel)		01/90→	W16EPR-U11	062110610304	1,1		

MATIZ

0.8 i 12V	37	F8CV M-TEC OHC, Mpi	3 Cyl.	02/98→	W16EPR-U11	062110610304	1,1		
1.0 i	47	B10S	4-Cyl.	03/00→	W16EPR-U11	062110610304	1,1		

MUSSO

2.0 i	93	M 161.940		06/96→	Q20P-U	062110270304	0,8	IK16	062120030304
2.3 i 16V (E 2.3)	110	M 161.970 (E23)		06/96→	Q20P-U	062110270304	0,8	IK16	062120030304
3.2 i 24V (EX 3.2)	161	M 162.990	6 Cyl.	06/96→	Q20P-U	062110270304	0,8	IK16	062120030304

NEXIA / CIELO

1.5 i (TA/TF-08Y/68Y)	52-55	G 15 MF (OHC, Mpi)		'95-'98	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 i 16V (TA/TF -08V/-19V/-68V)	66	A 15 MF (DOHC, Mpi)		'95-'98	K20PR-U11	062110080304	1,0	IK20	062120040304
1.8 i (TA/TF -088/-0668/-198)	74	C 18 LE (OHC, Mpi)		'95-'98	W20EPR-U	062110390304	0,8	IW20	062120070304

NUBIRA

1.6 i 16V (JA/JF -486/696)	78	A 16 DM (DOHC VGIS)	(E-tec 16V)	02/97→	K20PR-U11	062110080304	1,0	IK20	062120040304
1.6 i 16V	80			07/03→	K20PR-U11	062110080304	1,0	IK20	062120040304
1.8 i 16V	90	T 18 SED		07/03→	K20TXR	062110120304	0,9	IK16	062120030304
2.0 i (JA/JF -48Z/69Z)	98	C 20 SE (DOHC VGIS)		02/97→	K20PR-U11	062110080304	1,0	IK20	062120040304
2.0 i 16V (KLAJ)	98	X 20 SE (DOHC, Mpi) (20DMS)		05/97→	K20TXR	062110120304	0,9	IK16	062120030304

PRINCE

1.8	78	C 18 LE (Holden)		09/92-03/96	W16EPR-U	062110350304	0,7		
1.8 i 16V	101	(DOHC)		04/96→	K20TXR	062110120304	0,9	IK16	062120030304
2.0	85	C 20 LE (Holden)		01/91-12/95	W16EPR-U11	062110610304	1,0		
2.0 i 16V	106	(DOHC)		04/96→	K20TXR	062110120304	0,9	IK16	062120030304

RACER (TF08Y/TF19Y)

1.5 i		G 15 MF (OHC, Mpi)		01/88→	W16EPR-U	062110350304	0,8		
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REXTON

3.2 i V-6	162			04/02→	Q16PR-U	062110230304	0,9	IK16	062120030304
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REZZO / TACUMA

1.6 i	77	A16 DMS		09/00→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 i	74	(SOHC)		'00→	W16EPR-U	062110350304	0,9		
2.0 i	89-94	T20 SED		09/00→	K20TXR	062110120304	0,9	IK16	062120030304

ROYAL

1.5 Prince / Duke	65	G 15 CR / (Opel)		05/87-12/89	W20EPR-U	062110390304	0,8	IW20	062120070304
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TACUMA (UF75..)

1.6 i 16V	78	A 16 DM (DOHC VGIS)	(E-tec 16V)	'00→	K20PR-U11	062110080304	1,0	IK20	062120040304
1.8 i	72	F 18 S2 (1761cc SOHC)		'00→	W16EPR-U	062110350304	0,9		
2.0 i 16V	98	X 20 SE (DOHC, Mpi)		'00→	K20TXR	062110120304	0,9	IK16	062120030304





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CHEVROLET (DAEWOO)

TICO

0.8	35	Suzuki-F 8 C		06/'91→	W16EPR-U11	062110610304	1,1		
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FSO - CARO

1.4 i 16V	76	Rover K 16 (DOHC, Mpi)		01/'93→	K20PR-U	062110070304	0,8	IK20	062120040304
1.6 i	57	CE (Spi)		01/'96→	W20EPR-U	062110390304	0,8	IW20	062120070304

CHEVROLET (EUROPE)

ASTRO

4.3 i V-6	137	V-6 (L 35)	(262 CID)	'95-'96	T20EPR-U	062110320304	0,9		
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AVEO

1.2 i	53			03/'06→	W16EXR-U11	062110620304	1,1		
1.4 i	69			03/'06→	K20PR-U11	062110080304	1,1	IK20	062120040304

BERETTA

2.0	67	L4 < 1 > (EFi)	(121 CID)	'87-'89	T20EPR-U	062110320304	0,9		
2.3 GTZ 16V	130	L4 < A > (MFi) (DOHC)		'90-'93			1,1	IK16	062120030304
2.8 GTU	97	V-6 < W > (MFi)	(173 CID)	'87-'89	T20EPR-U	062110320304	1,0		
3.1 i Turbo	104	V-6 < T > (T MPi)	(189 CID)	'90	T20EPR-U	062110320304	0,9		
3.1 i Turbo	104	V-6 < T > (T MPi)	(189 CID)	'91-'96	T16EPR-U	062110600304	0,9		
3.1 i	101	V-6 < T > (MFi)	(189 CID)	'90-'93	T20EPR-U	062110320304	1,0		

CAMARO

2.8 i	101		(173 CID)	'87-'89	T20EPR-U	062110320304	0,9		
3.1 i Turbo	104	V-6 < T > (T MPi)	(189 CID)	'90	T20EPR-U	062110320304	0,9		
3.1 i Turbo	104	V-6 < T > (T MPi)	(189 CID)	'91→	T16EPR-U	062110600304	0,9		
5.7 i	171	V-8 < 8 > (Tbi) alum. heads	(350 CID)	'85-'88			1,1	IK16	062120030304
5.7 i	205	V-8 < 8 > (Tbi) alum. heads	(350 CID)	'89-'91			1,1	IK16	062120030304

CAVALIER

2.2 Z 24	82		(134 CID)	'92-'94	T16EPR-U	062110600304	0,9		
2.8 i V-6	93	V-6 < W > (MPi) (.708" thread)	(173 CID)	'87-'89	T20EPR-U	062110320304	1,0		

CORSICA

3.1 i	104	V-6 < T > (MPi)	(189 CID)	'90	T20EPR-U	062110320304	0,9		
3.1 i	110	V-6 < T > (MPi)	(189 CID)	'91→	T16EPR-U	062110600304	0,9		

CORVETTE

5.7 (C4) i	172	V-8 < 8 > (Tbi) alum. heads	(350 CID)	'85-'88			1,1	IK16	062120030304
5.7 (C4) i ZR-1	225	V-8 < 8 > (Tbi) alum. heads	(350 CID)	'89-'91			1,1	IK16	062120030304
5.7 (C4) i ZR-1 32V	279-302	V-8 < J > (MFi)	(350 CID)	'91-'97	K20PR-U11	062110080304	1,0	IK20	062120040304

CHRYSLER (EUROPE)

300 C

3.5 i V-6 24V	183			07/'04→			1,3	IK16	062120030304
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300 M

3.5 i V-6 24V	185	V-6		07/'98-08/'00			1,3	IK16	062120030304
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CHEROKEE

3.7 i V-6 24V (LIBERTY)	155	V-6 < K >		09/'01→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
4.0 i	126	L-6 XJ	(242 CID)	'87-'90	Q20PR-U11	062110260304	1,1	IK20	062120040304
4.0 i	126-140	L-6 < S > (MPi)	(242 CID)	'99-'01			0,9	IK16	062120030304
5.2 i V-8	158		(318 CID)	'90-'01	Q16PR-U	062110230304	0,8	IK16	062120030304



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CHRYSLER (EUROPE)

GRAND CHEROKEE

4.0 i	130-140	L-6	(242 CID)	'92→			0,9	IK16	062120030304
4.7 i V-8	190	V-8 < Y > < N > (MPi)		04/'99-02	KJ16CR-L11	062110150304	1,0	IK16	062120030304
5.2 i V-8	155-158	V-8	(318 CID)	'92→	Q16PR-U	062110230304	0,8	IK16	062120030304

CIRRUS

2.4 i 16V	98	L4 < X > (MPi) (DOHC)		'95-'00	K16PR-U11	062110030304	1,2	IK16	062120030304
2.5 i V-6	121	V-6 < H > (MPi)		'95-'00	PK16PR-L11	062110540304	1,0		

COUPE

2.2 Ti Turbo 2	130			'87-'90	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5 Ti .. / Cabrio	72			'87-'90	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5 Ti .. / Cabrio	110			'87-'90	W20EPR-U	062110390304	0,6	IW20	062120070304

CROSSFIRE

3.2 i V-6 24V	160			07/'03→			1,0	IK20	062120040304
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DAYTONA

2.5		L-4		'88-'93	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5 i Turbo		L-4		'92-'95	W20EPR-U	062110390304	0,6	IW20	062120070304
3.0		V-6		'88-'93	W20EPR-U11	062110400304	1,1	IW20	062120070304

ES

2.2 Turbo		L-4		'88	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5	72	L-4 (EFI)		'88-'89	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5 Turbo		L-4		'89	W20EPR-U	062110390304	0,6	IW20	062120070304

GTS

2.2 Ti Turbo 2	130			'87-'90	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5 Ti .. / Cabrio	72			'87-'90	W20EPR-U	062110390304	0,6	IW20	062120070304

JEEP

4.0 Wrangler / Laredo	131			'90-'99			0,9	IK16	062120030304
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LE BARON

2.2 Ti Turbo 2	103-130			'87-'94	W20EPR-U	062110390304	0,6	IW20	062120070304
2.5 Ti	107			'87-'89	W20EPR-U	062110390304	0,6	IW20	062120070304
3.0 i V-6	100			'90→	W16EPR-U11	062110610304	1,1		

NEON

1.6 i 16V	85	L4		11/'01→	K20PR-U	062110070304	0,8	IK20	062120040304
1.8 i 16V	85	L4		09/'97-08/'99	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 i 16V	98	L4 < C > (420H) (MPi) (SOHC)		06/'94→	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 i 16V	108	L4 < Y > (MPi) (DOHC)		06/'94→	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 i 16V	98	L4		08/'99→	K20PR-U	062110070304	0,8	IK20	062120040304

LHS

3.5 i 24V	155			'96→			1,3	IK16	062120030304
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NEW YORKER

3.5 i 24V	155	V-6 < L >		04/'93→			1,3	IK16	062120030304
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PT CRUISER

1.6 i 16V	85	L4		'00→	K20R-U	062110100304	0,9	IK20	062120040304
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SARATOGA

2.5 i	72			'87-'94	W20EPR-U	062110390304	0,6	IW20	062120070304
3.0 i	104			'89-'94	W16EPR-U11	062110610304	1,1		

DENSO



MAGNETI MARELLI


kw

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CHRYSLER (EUROPE)

SEBRING

2.0 i 16V	108	L4 < Y > (MPi) (DOHC)		'95-'00	K20PR-U11	062110080304	1,2	IK20	062120040304
2.4 i 16V	98	L4 < X > (MPi) (DOHC)		'95-'00	K16PR-U11	062110030304	1,2	IK16	062120030304
2.5 i V-6 24V	122	V-6 < N > (MPi) (SOHC)		'95-'00	PK16PR-L11	062110540304	1,0		

STRATUS

2.0 i 16V				→'94	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 i 16V	98	L4 < C > (MPi) (SOHC)		'95-'00	K20PR-U	062110070304	0,8	IK20	062120040304
2.4 i 16V		L4 < X > (MPi)		'95-'00	K16PR-U11	062110030304	1,2	IK16	062120030304
2.5 i V-6 24V	118	V-6 < H > (MPi)		'95-'00	PK16PR-L11	062110540304	1,0		

VOYAGER

2.0 i	98	ECB C00		01/'95-03/'01	Q20PR-U	062110250304	0,8	IK20	062120040304
2.4 i	111	L-4 DOHC		10/'95-03/'01	K16PR-U11	062110030304	1,1	IK16	062120030304
2.5				→'87	W20EPR-U	062110390304	0,8	IW20	062120070304
2.5 SE	72			04/'92-01/'95	W16EPR-U	062110350304	0,9		
3.0 V-6	104			'87-01/'95	W16EPR-U11	062110610304	1,1		

CITROËN

AX

1.0 10 E / RE / 4x4	30	C3A		12/'86-07/'92	Q20P-U	062110270304	0,8	IK20	062120040304
1.0 10 E / RE / TGE / 4x4	33	C1A (TU 9 / K)		10/'86-07/'92	Q20P-U	062110270304	0,8	IK20	062120040304
1.0 i 10 / X / E / Escapade / ..	33-37	CDY / CDZ (TU 9.M/Z)	Cat	07/'92-02/'95	Q20PR-U	062110250304	0,8	IK16	062120030304
1.0 i 10 / X / E / Escapade / ..	33-37	CDY / CDZ (TU 9.M/Z)	Cat	02/'95-'97	K20TXR	062110120304	0,9	IK16	062120030304
1.1 E / RE / Allure / First	40	H1B / HAZ (TU1.C)		12/'86-07/'92	Q20P-U	062110270304	0,8	IK20	062120040304
1.1 11 E / RE / TRE / TGS	40	H1A (TU 1)		10/'86-07/'92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 First / Allure / Image / Club	40	H1A (TU 1)		10/'86-07/'92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 i X / SX / TE / TGE / TRE	40-44	HDY / HDZ (TU 1.M)	Cat	07/'92-02/'95	Q20PR-U	062110250304	0,8	IK16	062120030304
1.1 i Club / Allure / First	40-44	HDY / HDZ (TU 1.M)	Cat	07/'92-02/'95	K20TXR	062110120304	0,9	IK16	062120030304
1.3 Sport	70	M4A (TU 2/4)		'87-'97	Q22PR-U	062110280304	0,7		
1.4 14 TRS / TZS	51	K1G (TU3A)		04/'88-'91	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 14 TRS / TZS	49	K1F (TU3A(C))	(NL, D)	06/'88-'91	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 14 TRS / TZS	44	KAY (TU3.CP) EL. Carb	Cat	03/'87-12/'89	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 TRS / TZS / TZX	48-55	(TU 3.1)		'86-07/'92	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 GT / GTS / Volcane	62	K2A / K2B (TU 3.S)		01/'88-07/'92	Q22PR-U	062110280304	0,7		
1.4 14 TRS / TZX / TGS / 4x4	55	K2D (TU3 2)		05/'91-'93	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 i VSX / TGS / TRS / TZX	55	KDX (TU3M/FM(C/Z)) Motr. MA3.0	Cat	'93-03/'95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i GT / Furio / Volcane / 4x4	55	KDX (TU3M/FM(C/Z)) Motr. MA3.0	Cat	'93-03/'95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i SX / 4x4	55	KDX (TU3.M / MC)	Cat	03/'95-'97	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i GT / Allure / Excl. / 4x4	58	KDY/KDZ (TU3.M(Z)) Mono-j. A2.2	Cat	06/'88-06/'95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i GT / Allure / Excl. / 4x4	58	KDY/KDZ (TU3.M(Z)) Mono-j. A2.2	Cat	07/'95-'97	K20TXR	062110120304	0,9	IK20	062120040304
1.4 GTi	72	K6B		'91-'97	K22PBR-S	062110130304	0,9		

AX

1.4 GTi	66-70	KFY / KFZ (TU 3FJ2)	Cat	'91-'97	K22PBR-S	062110130304	0,8		
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AXEL

1.1 11 R	42	G 11 / 6		07/'84-'93	T22EP-U	062110340304	0,6		
1.3 12 TRS	45	T13 / 6		07/'84-'93	T22EP-U	062110340304	0,6		



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BERLINGO

1.1 i	44	HDZ (TU 1 M)		06/96→	K20TXR	062110120304	0,9	IK16	062120030304
1.4 i	52	K5A (TU 3.2)		10/96→	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i	55	KFX (TU 3 JP)		06/96→	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	80	NFU (TU5JP4)	(26.5mm thread)	02/02→	K20HR-U11	062110040304	0,9		
1.8 i	66	LFX (TU 7 JP)		06/97→	K20TXR	062110120304	0,9	IK16	062120030304

BX

1.1 11	40	109LA (XW7B2)		04/86-06/88	T20EP-U	062110330304	0,6		
1.1 11	40-42	H1A (TU1/K) Org.Nr.→4205	(I, GR, P)	06/87-93	T20EP-U	062110330304	0,6		
1.1 11	40-42	H1A (TU1/K) Org.Nr. 4205→	(I, GR, P)	06/87-93	Q20P-U	062110270304	0,8	IK16	062120030304
1.4 14	45	150 A (XY6C) Org. Nr. →4192		'84-04/88	T20EP-U	062110330304	0,6		
1.4 14	45	150 A (XY6C) Org. Nr. 4193→		04/88-89	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 14	49-53	150 C/F/J/Y Org.Nr.→4192	(XY6B/D)	'83-04/88	T20EP-U	062110330304	0,6		
1.4 14	49-53	150 C/F/J/Y Org.Nr. 4193→	(XY6B/D)	04/88-06/88	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 14	46-53	KAZ/K1F (XY7CP) Org. Nr.→4192		05/86-04/88	T20EP-U	062110330304	0,6		
1.4 14	46-53	KAZ/K1F (XY7CP) Org. Nr. 4193→		04/88→	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 14	49-52	K1G (TU3A/K) Org. Nr. →4192		06/87-04/88	T20EP-U	062110330304	0,6		
1.4 14	49-52	K1G (TU3A/K) Org. Nr. 4193→		04/88-93	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 14	55	K2D (TU3/F2/K)		09/91-93	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 i 14	55	KDZ (TU3M/Z)	Cat	09/88-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 16 RS / TRS / Break	66	171 A / 171 B (XU5S)		10/82-06/84	T20EP-U	062110330304	0,6		
1.6 16 S/RS/TRS/Entrep./Break	64-69	171 C/D/Z (XU5S) Org.Nr.→4157		'85-04/88	T22EP-U	062110340304	0,6		
1.6 16 S/RS/TRS/Entrep./Break	64-69	171 C/D/Z (XU5S) Org.Nr. 4158→		04/88-06/88	Q20P-U	062110270304	0,8	IK20	062120040304
1.6 16 RS/TRS/TGS/TZS	68	B2C (XU52C) Org. Nr. →4157		02/88-06/88	T22EP-U	062110340304	0,6		
1.6 16 RS/TRS/TGS/TZS	68	B2C (XU52C) Org. Nr. 4158→		06/88-93	Q22P-U	062110300304	0,8		
1.6 15 / 16 RE/TRE/TGE/Image	58	(XU51C/W)		→06/87	T20EP-U	062110330304	0,6		
1.6 15 / 16 RE/TRE/TGE/Image	58	B1A/A (XU51C/K)		'87-'91	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 15 / 16 RE/TRE/TGE/Image	55-59	B1F (XU51C)		'91-'93	Q22P-U	062110300304	0,8		
1.6 15 E / RE / TGE / Image	53	B1E Org. Nr. →3856		→06/87	T20EP-U	062110330304	0,6		
1.6 15 E / RE / TGE / Image	53	B1E Org. Nr. 3857→		06/87-95	Q20P-U	062110270304	0,8	IK20	062120040304
1.6 16 S / RS / TRS	55	BAY/BAZ (XU5CP) EL.Carb.	Cat	07/86-10/89	Q22PR-U	062110280304	0,8		
1.6 i 16 ..	65	BDZ/BDY (XU5M/XU5M2/3/Z)	Cat	05/89-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 i TRi	78	180 Z (XU5J/1)		06/86-10/89	Q22P-U	062110300304	0,8		
1.6 i GTi / TRI	85	B6D / B6E (./ XU5JA)		09/87-93	Q22P-U	062110300304	0,8		
1.9 19 GT / TRS / Digit / Break	75-77	159 A / Z (XU9S)		10/84-90	T22EP-U	062110340304	0,6		
1.9 Sport	92-95	159B (XU94)		05/85-06/86	T22EP-U	062110340304	0,6		
1.9 Sport	90-95			07/87→	Q22P-U	062110300304	0,8		
1.9 19 TRS / TZS	75-77	D2A (XU92C) Org. Nr. →4578		07/86-05/89	T22EP-U	062110340304	0,6		
1.9 19 TRS / Break	75	D2A (XU92C / K) Carb.		07/92-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 19 TRS / TZS	70	D2C (XU92C) Org. Nr. →4578	W/W Cat	09/86-06/89	T22EP-U	062110340304	0,6		
1.9 19 TRS / TZS / Break	70	D2C (XU92C) Carb. O. 4579→	Cat	06/89-90	Q22PR-U	062110280304	0,8		
1.9 19 TRS / TZS / TGS / 4x4	78	D2E (XU9J2) Org. Nr. →4578	Carb.	09/86-06/89	T22EP-U	062110340304	0,6		
1.9 19 TRS / TZS / TGS / 4x4	78	D2E (XU9J2) Org. Nr. 4579→	Carb.	06/89-90	Q22P-U	062110300304	0,8		
1.9 19 TRS / TZS / TGS / 4x4	79	D2F (XU92C+) Carb.		'91-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 i 19 GTi / TRI / Break / 4x4	90	D6A (XU9J2) LE3 Jetronic		'86-'90	Q22P-U	062110300304	0,8		
1.9 i 19 GTi / TZI / 4x4	89-92	D6D (XU9J2) MP 3.1		07/90-93	Q22PR-U	062110280304	0,8		
1.9 i 19 TRI / TZI / GTi / Break	75-77	DFZ (XU9J1) Org. Nr. →4227	Cat	03/86-05/88	T20EP-U	062110330304	0,6		

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1.9 i 19 TRI / TZI / GTi / Break	75	DFZ (XU9J1) LU2 ptr. 4228 → Cat		87-90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 i 19 TZI / GTi / 4x4 / Break	80	DDZ (XU9M) Fenix 1B	Cat	06/88-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 i 19 TRI / TZI / GTi / Break	88	DKZ (XU9JAZ) M 1.3	Cat	06/88-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GTi / 16V	118	D6C (XU9J4)		91-93	K22PBR-S	062110130304	0,8		
1.9 GTi / 16V	108	DFW (XU9J4Z)	Cat	07/92-06/95	K22PBR-S	062110130304	0,8		
C1									
1.0 i 12V	50	1KR-FE		06/05 →	K20HR-U11	062110040304	1,1		
C2									
1.1 i (A6)	44	HFX (TU1JP)		09/03 →	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i (A6)	55	KFV (TU3JP)		09/03 →	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i 16V	66	ET3 J4 (KFU)		06/06 →	XE20HR-U9	062110630304	0,9		
1.6 i 16V (A6)	80	NFU (TU5JP4)		09/03 →	K20HR-U11	062110040304	1,1		
1.6 i 16V VTS	90	NFS (TU5JP4S)		10/04 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
C3									
1.1 i	44	HFX (TU1JP)		02/02 →	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i	55	KFV (TU3JP)		02/02 →	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i 16V	65	ET3 J4 (KFU)		12/03 →	XE20HR-U9	062110630304	0,9		
1.6 i 16V	80	NFU (TU5JP4)	(26.5mm thread)	02/02 →	K20HR-U11	062110040304	0,9		
C4									
1.4 i 16V	65	ET3 J4 (KFU)		11/04 →	XE20HR-U9	062110630304	0,9		
1.6 i 16V	80	TU5JP4		04 →	K20HR-U11	062110040304			
2.0 i 16V	100	EW10J4	(26.5mm thread)	04 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 i 16V	105	EW10A	(26.5mm thread)	04 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 i 16V VTS	130	EW10J4S	(26.5mm thread)	04 →	K20HR-U11	062110040304	1,1		
2.0 i 16V Picasso	103	EW10A	(26.5mm thread)	10/06 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
C5									
1.8 i 16V	85	6FZ (EW7J4)	(26.5mm thread)	03/01 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 i 16V	100	RFN/RFM (EW10J4 L3)	(26.5mm thread)	03/01 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
3.0 i V-6 24V	152	XFX (ES9J4S)	(26.5mm thread)	03/01 →	IKH16	062120050304	1,1	IKH16	062120050304
C6									
3.0 i V-6 24V	155	XVF (ES 9 A)	(26.5mm thread)	09/05 →			1,0	IKH16	062120050304
C8									
2.0 i 16V	100	RFN (EW10J4)	(26.5mm thread)	07/02 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.2 i 16V	116	3FZ (EW12J4)	(26.5mm thread)	07/02 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
3.0 i V-6 24V	150	XFW (ES9J4S)	(26.5mm thread)	10/02 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
C 15									
1.0 E	42	K3A		87-93	Q20P-U	062110270304	0,8	IK20	062120040304
1.0 E	33	C1A (TU 9.)		88-93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 E	37	109 K (XW7)		10/84-06/87	T20EP-U	062110330304	0,6		
1.1 E	44	E1A (M 103)		07/87-06/88	Q20P-U	062110270304	0,8	IK20	062120040304
1.1 E	40	H1A (TU 1)		06/88 →	Q20PR-U	062110250304	0,8	IK20	062120040304
C 15									
1.1 E / RE i	44	HDZ (TU 1.M)	Cat	07/92-06/95	Q20PR-U	062110250304	0,8	IK16	062120030304
1.1 E / RE i	44	HDZ (TU 1.M)	Cat	07/95 →	K20TXR	062110120304	0,9	IK16	062120030304
1.3 E	47	G1A (M 104)		87-06/88	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 E	44	XY 7 - 150 D		86-09/87	T20EP-U	062110330304	0,8		



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C 15

1.4 E	49	K1G (TU 3.A) Taper seat		06/88-08/91	T20EP-U	062110330304	0,8		
1.4 E	49	K1G (TU 3.A) Flat seat	(E)	06/88 →	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 E	49	(TU 3.A)		07/88 →	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 E i	55	KDY / KDX (TU 3.M)	Cat	08/91 →	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 E	55	K2D (TU 3.F2 K)	W/W Cat	01/92 →	Q20PR-U	062110250304	0,8	IK20	062120040304

C 25

1.8	49	169 (XM 7)		07/87 →	W20EP-U	062110410304	0,8	IW20	062120070304
2.0	56	170 C (XN 1.T)		07/87-08/91	W20EP-U	062110410304	0,8	IW20	062120070304
2.0	62	170 A/B (XN 1.TA)	Cat	08/91 →	W20EP-U	062110410304	0,8	IW20	062120070304

C 35

2.0	47	B 20-6		73 →	W20FP-U	062110420304	0,6		
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CX

2.0 2000				75-06/82	W20FP-U	062110420304	0,8		
2.0	78	829 A5		06/79-06/82	T20EP-U	062110330304	0,8		
2.0	75-78	829 A5		06/82-12/92	T20EP-U	062110330304	0,8		
2.2	84	J 6 T A500		07/85-12/92	T22EP-U	062110340304	0,8		
2.4 2400 / GTi / Prestige	85-96	M 23-6		08/76-06/84	W20FP-U	062110420304	0,8		
2.5 25 Ri / Turbo 2		EN 5 T / TE		07/84-12/92	W20FP-U	062110420304	0,8		
2.5 25 GTi	123	EN 5 L		05/86-12/92	W20FP-U	062110420304	0,8		

DS

1.9				62-69	W20FP-U	062110420304	0,6		
2.0 Special / S / SS				→75	W20FP-U	062110420304	0,6		
2.0 ID	75			68-75	W20FP-U	062110420304	0,6		
2.1 E / Pallas / Prestige				65-72	W20FP-U	062110420304	0,6		
2.3 - / E	85-96			09/72-75	W20FP-U	062110420304	0,6		

EVASION / SYNERGIE

1.8 i	74	LFW / LFZ (XU 7 JP/Z)		96 →	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i	89	RFU (XU 10 J2C)		09/94 →	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i 16V	100	RFV (XU 10.J4R)		97-01	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	100	RFN (EW 10 J4)	(26.5mm thread)	04/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 i Turbo CT SX / VSX	108-110	RGX (XU 10 J2TE)		09/94 →	K20TXR	062110120304	0,9	IK20	062120040304

ID

1.9 B / F / Super				60-69	W20FP-U	062110420304	0,8		
2.0	76			68-72	W20FP-U	062110420304	0,8		
2.1 F				66-72	W20FP-U	062110420304	0,8		

JUMPER

2.0 i	80	RFW (XU10 J2U)		94-02/95	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i	80	RFW (XU10 J2U)		03/95 →	K20TXR	062110120304	0,9	IK20	062120040304

JUMPY / DISPATCH

1.6 i	58			10/95 →	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i 16V	100	RFN (EW 10 J4)	(26.5mm thread)	04/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304

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LNA									
0.7 - / Entreprise				79-87	T22EP-U	062110340304	0,6		
0.7	25	V 06 / 630		01/83-06/86	T22EP-U	062110340304	0,6		
1.1 11 E / RE / RS	35	109-5 / 109F / 109 K (XW 7.B1)		09/82-87	T20EP-U	062110330304	0,6		
SAXO									
1.0 i	37	CDY/CDZ (TU 9 M)		03/96-09/03	K20TXR	062110120304	0,9	IK16	062120030304
1.1 i	40	HDY (TU 1.M)		05/96-09/03	K20TXR	062110120304	0,9	IK20	062120040304
1.1 i	44	HDZ (TU 1.M /+) (MA3.1)		03/96-09/03	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i	55	KFX (TU 3 JP)		03/96-09/03	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i	66	NFZ (TU 5.JP)		03/96-09/03	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i VTS (16V)	87	NFX (TU 5.J4)		05/96-09/03	K20TNR-S9	062110110304	0,9	IK20	062120040304
SM									
3.0 V-6	135	V-6 (inj / carb.)		70-75	W20EP-U	062110410304	0,6	IW20	062120070304
VISA									
0.6 Club / Special	26	V 06 / 6 (2 Cl)		79-91	T22EP-U	062110340304	0,6		
1.0 10E	32	108 / 5C		80-87	T20EP-U	062110330304	0,6		
1.1 Super / II Super E	37	109 / 5F		79-87	T20EP-U	062110330304	0,6		
1.1 11 E / RE / Entreprise	37	109 / 5F - 109 / 5K		80-87	T20EP-U	062110330304	0,6		
1.1 11 RE	36	XW 7 - 109 / 5F	(E)	84-06/87	T20EP-U	062110330304	0,6		
1.1 11 Challenger	35	XW 7.B1 - 109/5K	(E)	→88	T20EP-U	062110330304	0,6		
1.2 Super X	38	129 / 5		80-87	T20EP-U	062110330304	0,6		
1.4 Challenger	59	108 / 5C		80-87	T22EP-U	062110340304	0,6		
1.4 14 TRS	44	XY 7 - 150 D	Cat	84-91	T20EP-U	062110330304	0,6		
1.4 14 TRS / GT	44-59	XY 7		85-91	T22EP-U	062110340304	0,6		
1.4 GT	58	XY 8 - 150 B		09/82-91	T22EP-U	062110340304	0,8		
1.6 GTi	77	XU 5.J		85-87	T22EP-U	062110340304	0,8		
1.6 GTi	76	XU 5.J - 180 A	(E)	03/85-91	T22EP-U	062110340304	0,8		
1.6 GTi	83	XU 5.JA (- B 6D)		05/86-03/91	Q22P-U	062110300304	0,8		
XANTIA									
1.6 i	65	BFZ (XU 5.JP)		07/93-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 i	65	BFZ (XU 5.JP)		03/95 →	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i	66	LFX (TU 7.JP(B))		06/97 →	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i	75	LFZ (XU 7.JP)		03/93-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.8 i	75	LFZ (XU 7.JP)		03/95 →	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	81	LFY (XU 7.JP4)		06/95 →	K20TXR	062110120304	0,9	IK16	062120030304
2.0 i	88	RFX (XU 10.J2C) (/LZ)		03/93-03/95	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i	88	RFX (XU 10.J2C) (/LZ)		03/95 →	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	112	RFY (XU 10.J4Z) (MPi)		03/93 →	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 i 16V	97	RFV (XU 10.J4R)		06/95 →	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	110	RFT (XU 10.J4 6) (D)		06/94 →	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 i 16V	123	RFS (XU10J4/RS)		06/96 →	K20TNR-S9	062110110304	0,9	IK20	062120040304
2.0 i Turbo	108-110	RGX (XU10.J2 CT / TE/CT E)		06/95 →	K20TXR	062110120304	0,9	IK20	062120040304
3.0 i V-6 24V	143	ES 9 J4(-L3)		10/96 →	K20TXR	062110120304	1,0	IK20	062120040304
XM									
2.0 i 2000	79-81	RDZ (XU10.MZ)	W/WCat	05/89-93	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 Presence / S / SE	85	R2A (XU 10.2C) Carb. 2V		05/89-93	Q20PR-U	062110250304	0,7		
2.0 i Sens. / Amb. / Detente	96	R6A (XU 10.J2) G5 MPi		05/89 →	Q22PR-U	062110280304	0,7		



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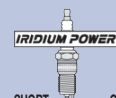


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XM										
2.0 i 2000	90	RFZ (XU 10.J2Z) MP3.1	Cat	10/89-06/94	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 i 16V SX / VSX	95-97	RFV (XU10J4R)	Cat	07/94-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 i 16V SX / VSX	95-97	RFV (XU10J4R)	Cat	07/95 →	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 i Turbo CT	104	RGY (XU10.J2TE/Z)	Cat	09/92-06/94	K20PBR	062110050304	0,8	IK20	062120040304	
2.0 i Turbo CT	108-110	RGX (XU10.J2TE/CTE)	Cat	05/94 →	K20TXR	062110120304	0,9	IK20	062120040304	
3.0 i V-6 Sens. / Amb. / Excl.	123	SFZ (UFY) (ZPJ/Z) MPi	Cat	05/89 →	K20PBR	062110050304	0,9	IK20	062120040304	
3.0 i V-6 24V / Exclusive	147	SKZ (ZPJ4) MPi	Cat	05/89 →	K20PBR	062110050304	0,9	IK20	062120040304	
3.0 i V-6 24V	143	ES9 J4(-L3) (Alum. alloyblock)	Cat	97→	K20TXR	062110120304	1,0	IK20	062120040304	
XSARA										
1.4 i	55	KFX (TU 3 JP)	Single electrode	07/97 →	K20PR-U	062110070304	0,9	IK20	062120040304	
1.4 i	55	KFX (TU 3 JP)	Double electrode	07/97 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.6 i	66	NFZ (TU 5 JP)	Single electrode	07/97 →	K20PR-U	062110070304	0,9	IK20	062120040304	
1.6 i	66	NFZ (TU 5 JP)	Double electrode	07/97 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.6 i 16V	80	NFU (TU5JP4)	(26.5mm thread)	09/00 →	K20HR-U11	062110040304	0,9			
1.8 i	66	LFX (XU 7.JB)		07/97 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 i (./ Automatic transmission)	75	LFZ (XU 7.JP)		07/97 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 i 16V	82	LFY (XU 7.JP4)		07/97 →	K20TXR	062110120304	0,9	IK16	062120030304	
2.0 i 16V VTS	122	RFS (XU10J4/RS)		09/97 →	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 i 16V	100	RFN (EW10J4 L3)	(26.5mm thread)	09/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
XSARA PICASSO										
1.6 i	65	NFZ (TU 5 JP)	Single electrode	02/00 →	K20PR-U	062110070304	0,9	IK20	062120040304	
1.6 i	65	NFZ (TU 5 JP)	Double electrode	02/00 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 i 16V	85	6FZ (EW7J4) / LFY (XU 7.JP4)	(26.5mm thread)	02/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.0 i 16V	100	EW10J4 L3 (RFN/RFM)	(26.5mm thread)	12/99 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
ZX										
1.1 Reflex / Avantage	44	H1A (TU 1)		91-09/92	Q20P-U	062110270304	0,8	IK16	062120030304	
1.1 i Reflex / Avantage	44	HDY / HDZ (TU 1.M)	Cat	07/92-02/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.1 i Reflex / Avantage	44	HDY / HDZ (TU 1.M)	Cat	03/95 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.4 Aura / Reflex / Avantage	55	K2D (TU 3.2K)		91 →	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.4 i Aura / Reflex / Avantage	55	KDY/KDX (TU 3.FM/MC)	Cat	91-02/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.4 i Aura / Reflex / Avantage	55	KDY (TU 3.FM)	Cat	03/95 →	K20TXR	062110120304	0,9	IK16	062120030304	
1.6 i Aura/Avant./Reflex/Volcane	65	B4A (XU 5.M..)		91 →	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.6 i Aura/Avant./Reflex/Volcane	65	BDY (XU 5.M3Z)	Cat	91 →	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.6 i Aura / Avant. / Furio	65	BFZ (XU 5.JP)	Cat	07/93-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.6 i Aura / Avant. / Furio	65	BFZ (XU 5.JP)	Cat	03/95 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.6 i Aura / Avant. / Furio	65	(TU 5.JP/L)	Cat	02/95 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 i Furio	75	LFZ (XU 7.JP)	Cat	92-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.8 i Furio	75	LFZ (XU 7.JP)	Cat	03/95 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 i 16V	81	LFY (XU 7.JP4)	Cat	12/96 →	K20TXR	062110120304	0,9	IK16	062120030304	
1.9 i Volcane	93-96	D6E (XU 9.JA/K)		91 →	Q22PR-U	062110280304	0,7			
1.9 i Volcane	88-90	DKZ (XU 9.JA/Z)	Cat	91 →	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 i Volcane	88	RFX (XU 10.J2C/LZ)	Cat	92-03/95	Q20PR-U	062110250304	0,7	IK20	062120040304	
2.0 i Volcane	88	RFX (XU 10.J2C/LZ)	Cat	03/95 →	K20TXR	062110120304	0,9	IK16	062120030304	
2.0 i 16V	112	RFY (XU 10.J4L/Z)	Cat	92 →	Q22PR-U	062110280304	0,8			
2.0 i 16V	110	RFT (XU 10.J4D) (MP3.2)	Cat	06/94 →	Q22PR-U	062110280304	0,8			
2.0 i 16V	123	RFS (XU10J4/RS)	Cat	96 →	K20TNR-S9	062110110304	0,9	IK20	062120040304	

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DACIA

1210

1.2	40	(OHV) (1185cc) Carb.		'77→	W20FP-U	062110420304	0,6		
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1300 / 1310

1.3 Denem	40			'77 →	W20FP-U	062110420304	0,6		
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1410 / 1410 Break

1.4 (Duster)	47	(OHV) (1397cc) Carb.		'77→	W20FP-U	062110420304	0,6		
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LOGAN

1.4 i 8V	55	K7J - 710		09/04→	K20PR-U	062110070304	0,8	IK20	062120040304
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1.6 i 8V	64	K7M - 710		09/04→	K20PR-U	062110070304	0,8	IK20	062120040304
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NOVA

1.4	48	(OHV) (1397cc) Carb.		'96-'99	W20FP-U	062110420304	0,6		
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1.6	53	(OHV) (1557cc) Carb. 2C		'96-'99	W20FP-U	062110420304	0,6		
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SUPER NOVA

1.4 i	55	E7J-260 (1390cc) Inj		99-'03	K20PR-U	062110070304	0,8	IK20	062120040304
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1.4 i	55	E7J (1390cc) Siemens Sirius 32 Inj		99-'03	K20PR-U	062110070304	0,8	IK20	062120040304
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SOLENZA

1.4 i	55	E7J 262 (1390cc)		03/03→	K20PR-U	062110070304	0,8	IK20	062120040304
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DAEWOO → CHEVROLET (DAEWOO)

DAF

66

1.3 Marathon				→'75	W20FP-U	062110420304	0,6		
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DAIHATSU

APPLAUSE

1.6 i 16V (A101,A111)	77	HD-C / HD (E)		09/89-09/97	K20PR-U11	062110080304	1,1	IK20	062120040304
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1.6 i 16V (A101)	73	HD-E		09/97→	K20TNR-S9	062110110304	1,0	IK20	062120040304
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BUS WIDE 55

0.6 (S65)		AB 20 (550cc)		04/81-05/82			0,8	IW20	062120070304
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CHARADE

1.0 Turbo (G11)	50	CB 60		'83-03/87			0,9	IW20	062120070304
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1.0 (G100)	41	CB 90		11/89-12/92	W16EXR-U11	062110620304	1,1		
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1.0 i (G100)	40	CB 90	Cat.	11/89-12/92	W16EXR-U11	062110620304	1,1		
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1.0 Turbo (G100)	50	CB 61 Turbo	+(N, D, S)	'87-'88			0,9	IW20	062120070304
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1.0 GT ti (Gti) (Turbo) (G100S)	74	CB 80 Turbo (3-Cyl DOHC 12V)		03/87-12/92			1,0	IW20	062120070304
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1.3 i 16V (G102/G112)	56-66	HC-E / HC-C (4-Cyl SOHC)		'88-01/93	K20PR-U11	062110080304	1,1	IK20	062120040304
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1.3 i 16V .. / 4x4 (G200)	62	HC / HC-E		01/93-98	K20PR-U11	062110080304	1,1	IK20	062120040304
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1.3 i 16V (G2..)	62	HC (-E)		01/98→	K20PR-U11	062110080304	1,1	IK20	062120040304
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1.5 i 16V (G200/G202)	66	HE-EG / HE-G		06/94-'99	K20PR-U11	062110080304	1,1	IK20	062120040304
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1.6 i 16V .. / GTi (G201)	77	HD-E		03/93-98	K20PR-U11	062110080304	1,1	IK20	062120040304
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COPEN (L880K)

0.66 i 16V	50	JB-DET		09/03→			0,8	IK20	062120040304
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CUORE / DOMINO

0.6 (L40, L55)	20	AB / AB 30 (550cc)		→'81			0,8	IW20	062120070304
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0.6 (L60)	22-24	AD 10 / AD		09/81-08/85			0,8	IW20	062120070304
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0.85 (L80)		ED (850cc)		09/85-08/90			0,8	IW20	062120070304
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0.85 (L201)	29-32	ED 10 (K) (850cc)		08/90-'03			0,8	IW20	062120070304
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0.85 (L501)	30-32	ED 20 (850cc)		08/94-03			1,1	IW20	062120070304
0.85 i	30-32	ED 20 (850cc)	3 Cyl.	05/97-03	W16EXR-U11	062110620304	1,1		
1.0 i 12V (L701)	41	EJ-DE (S-DIS)	3 Cyl.	10/98-03	K16PR-U11	062110030304	1,1	IK16	062120030304
1.0 i 12V (L250 / ...)	43	EJ-VE (DOHC) (DVVT)	3 Cyl.	05/03→	K16TNR-S9	062110500304	0,9	IK16	062120030304

FELLOW MAX

0.85		360 - 550 (850cc)		70-78			0,8	IW20	062120070304
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FEROZA / SPORTRAK

1.6 16V (F300)	63	HD-C		10/88→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 16V (F300)	70	HD-E	Cat	10/88→	K20PR-U11	062110080304	1,1	IK20	062120040304

GRAN MOVE (Pyzar)

1.5 i 16V (G303)	66-74	HE-E / HE-G (EFi)		12/96-10/98	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 i 16V (G301)	67	HD-E		05/98→	K20PR-U11	062110080304	1,1	IK20	062120040304

HIJET / VAN

0.6 550 (S60 / S65)		AB	2 Cyl.	79-83			0,8	IW20	062120070304
0.8 850		EB		86-93			0,8	IW20	062120070304
1.0 i 1000 (S85)	35	CB 42		12/92-05/98	W16EXR-U11	062110620304	1,1		
1.3 i 16V (S85)	48	HC#		05/98→	K20TNR-S9	062110110304	1,0	IK20	062120040304
1.3 i 16V (S85)		HC-E		10/00→	K20TNR-S9	062110110304	1,0	IK20	062120040304

MIRA

0.5 Turbo 4x4				80-85	W20EPR-U	062110390304	0,8	IW20	062120070304
0.6				80-85			0,8	IW20	062120070304
0.85	30	ED 10 (K) (850cc)		01/93-97			0,8	IW20	062120070304

MOVE

0.85 i (L6..)	30-32	(ED 20) MPi (850cc)		02/97-99	W16EXR-U11	062110620304	1,1		
1.0 i 12V (L901)	40	EJ (EJ-DE)	3 Cyl.	10/98→	K16PR-U11	062110030304	1,1	IK16	062120030304

ROCKY / FOURTRACK

2.0 4x4	65	HD-E		→89	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 4x4	65			90→	K20PR-U11	062110080304	1,1	IK20	062120040304

SIRION (STORIA)

1.0 i 12V	40	EJ (EJ-DE)	3 Cyl.	01/98-09/00	K16PR-U11	062110030304	1,1	IK20	062120040304
1.0 i 12V	43	EJ-VE (DOHC) (DVVT)	3 Cyl.	09/00→	K16TNR-S9	062110500304	0,9	IK16	062120030304
1.3 i 16V	75	K3-VE (DOHC) DVVT		09/00→			1,0	IK20	062120040304
1.3 i 16V Turbo	76	K3-VET (DOHC) DVVT Turbo		09/00→	PK20PR-P8	062110190304	0,8		

SIRION (2 BOON)

1.3 i 16V	64	K3-VE (DVVT)		06/04→			1,1	IK20	062120040304
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TAFT

0.6		(550cc)		→79	W20EP-U	062110410304	0,8	IW20	062120070304
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TERIOS

1.3 i 16V	62-67	HC -E		06/97→	K20TNR-S9	062110110304	1,0	IK20	062120040304
1.3 i 16V	63	K3-VE (DOHC) DVVT		00→			1,0	IK20	062120040304
1.3 i Turbo (J102G)	76	K3-VET (DOHC) DVVT Turbo (J)		00→	PK20PR-P8	062110190304	0,8		

TREVIS (MIRA GINO)

1.0 i 12V DVVT	43	EJ-VE	3 cyl.	07/06→	K16TNR-S9	062110500304	0,9	IK16	062120030304
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VALERA / Shortback

1.5 i SX	55			96 →	K20PR-U11	062110080304	1,1	IK20	062120040304
1.5 i SX	66	HE E (G)		96 →	K20PR-U11	062110080304	1,1	IK20	062120040304

WILDCAT

2.0				87 →	W16EPR-U	062110350304	0,8		
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YRV

1.0 i 12V	43	EJ-VE (DOHC)		00 →	K16TNR-S9	062110500304	0,9	IK16	062120030304
1.3 i 16V	64-75	K3-VE (DOHC) DVVT		00 →			1,0	IK20	062120040304
1.3 i 16V Turbo (GT ti)	76-95	K3-VET (DOHC) DVVT Turbo		02/01 →	PK20PTR-S9	062110200304	0,9		
				→75	W20FP-U	062110420304	0,6		

DAIMLER

DOUBLE SIX

5.3 V-12		HE VIN 326574 →		81-93	T22EP-U	062110340304	0,6		
6.0 V-12		HE		93-96	T22EP-U	062110340304	0,6		

V-8 LWB

4.0 i V-8 32V	216	AJ V-8		96 →	K20PR-ZU11	062110090304	1,1	IK20	062120040304
				→75	W20FP-U	062110420304	0,6		

DODGE (EUROPE)

CARAVAN / GRAND CARAVAN

2.4 i 16V SE		L4 X, B X(EFi)		96-98	K16PR-U11	062110030304	1,3	IK16	062120030304
2.5 i SE	72	EFi		88 →	W16EPR-U	062110350304	0,8		
3.0 i V-6	105	V-6 3 >		88 →	W16EPR-U11	062110610304	1,1		

DAYTONA

2.2 i 16V Turbo	167	V-6		92 →	W16EPR-U	062110350304	0,8		
2.5 i Turbo	112	L4 4 Turbo (153 CID)		89-92	W16EPR-U	062110350304	0,9		
3.0 V-6	105	V-6		92 →	W16EPR-U11	062110610304	1,1		

DURANGO

3.9 i V-6	131	V-6 X X(MPi) (239 CID)		97 →	KJ16CR-L11	062110150304	1,0	IK16	062120030304
5.2 i V-8	174	V-8 Y X(MPi) (318 CID)		97 →	KJ16CR-L11	062110150304	1,0	IK16	062120030304
5.9 i V-8	184	V-8 Z,5 X(MPi) (360 CID)		97 →	KJ16CR-L11	062110150304	1,0	IK16	062120030304

RAM

3.9 i V-6	131	V-6 X X(MPi) (239 CID)		93-99	K16PR-U	062110020304	0,9	IK16	062120030304
5.2 i V-8	174	V-8 Y X(MPi) (318 CID)		93-99	K16PR-U	062110020304	0,9	IK16	062120030304
5.9 i V-8	184	V-8 Z,5 X(MPi) (360 CID)		94-99	K16PR-U	062110020304	0,9	IK16	062120030304
8.0 i V-10	224	V-10 W X(MPi) (488 CID)		95-99	KJ20CR-L11	062110160304	1,1	IK20	062120040304

STEALTH

3.0 i V-6 24V	206-210	V-6 (6 G 72) (DOHC, MPi)	Turbo	92 →	PK20PR-P11	062110570304	1,1		
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VIPER

8.3 i V-10 SRT-10	370	SMPI V-10		03 →			0,9	IK16	062120030304
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DONKERVOORT

D8

1.8 i 16V	103	Zetec MPi		93-00	PT16VR13	062110220304	1,1	ITV16	062120060304
1.8 i 20V Turbo	110	Audi eng.		00 →	PK20PR-P8	062110190304	0,8		
2.0 i 16V	118	Zetec MPi		93-00	PT16VR13	062110220304	1,1	ITV16	062120060304


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DONKERVOORT
D8

2.0 i 16V Turbo	158	Ford Cosworth		'95→			0,8	IK20	062120040304
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F.S.O. / F.S.M.
125

1.3	48			'68-'91	W20EP-U	062110410304	0,8	IW20	062120070304
1.5	55			'68-'91	W20EP-U	062110410304	0,8	IW20	062120070304

126

0.7 Bis	19	126A2.000		'87→	W20EPR-U	062110390304	0,8	IW20	062120070304
0.7	18	126A.000		'72-'82	W20FP-U	062110420304	0,8		

CARO

1.4 i 16V	76	Rover K 16 (DOHC, Mpi)		01/'93→	K20PR-U	062110070304	0,8	IK20	062120040304
1.5 i	55		Cat	'93→	W22EPR-U	062110430304	0,8		
1.6 i	57	CE (Spi)	Cat	'94→	W20EPR-U	062110390304	0,8	IW20	062120070304

CINQUECENTO

0.7	23	170.A.0		'92→	W20EPR-U	062110390304	0,8	IW20	062120070304
0.9	30	170.A.1		'92→	W20EPR-U	062110390304	0,8	IW20	062120070304
0.9 i	30	170.A.1.04		'92→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 i	40			'94→	Q20PR-U	062110250304	0,8	IK20	062120040304

PICK - UP

1.5				'86-'89	W20EP-U	062110410304	0,8	IW20	062120070304
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POLONEZ / PRIMA

1.4 i 16V	70	Rover Mpi		'93→	K20PR-U	062110070304	0,8	IK20	062120040304
1.5	55			'78→	W20EP-U	062110410304	0,8	IW20	062120070304
1.5 i	56			'89→	W20EP-U	062110410304	0,8	IW20	062120070304
1.6	64			'78-'91	W22EP-U	062110450304	0,8		
1.6 i	60			'89→	W22EP-U	062110450304	0,8		

FERRARI
F 355

3.5 i V-8 40V	280	F 129 B /40		'94→	IU22	062120090304	0,6	IU22	062120090304
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F 50

4.7 i V-12 60V	382	F130 (Motronic 2.7)		05/'95→	IU22	062120090304	0,7	IU22	062120090304
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FIAT
126

0.6 650	18	126.A		'74-'87	W20FP-U	062110420304	0,8		
0.7 Babino 650	18	126.A	(D)	'76-'87	W22EP-U	062110450304	0,8		
0.7 Bis / up	19			'87-'93	W20EPR-U	062110390304	0,7	IW20	062120070304

500

0.5 D / F / L	13			→'75	W20FP-U	062110420304	0,8		
0.6 R	13	126.A		'72-'75	W20FP-U	062110420304	0,6		
1.2i 8V	51	169A4.000		07→	XU22EPR-U	062110460304	1,0		
1.4i 16V	73	169A3.000		07→	XU22EPR-U	062110460304	1,0		

600

0.6	24			→'77	W20FP-U	062110420304	0,6		
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FIAT

Model	kW	Engine	Cyl	Year	Part No.	Gap	Part No.
850							
0.9 Special/ Sport / Spider	24			→'77	W22EP-U	0,6	062110450304
900							
0.9	26-33	100.GF		'79-'81	W20EPR-U	0,8	IW20 062120070304
ARGENTA (132)							
1.6 100 / 1600	72	132.D		'81-'85	W20EPR-U	0,8	IW20 062120070304
2.0	83	132.D		'81-'85	W20EPR-U	0,8	IW20 062120070304
2.0 120 i.e.	90	132.C		'83-'85	W20EPR-U	0,8	IW20 062120070304
2.0 120 i.e.	90	132.C		'85	W22EPR-U	0,8	
2.0 Volare / SX	100	132.E		→'85	W22EPR-U	0,6	
BARCETTA (183)							
1.8 i 16V	96	183A 1.000		'95-07/'00	K20TNR-S9	0,9	IK20 062120040304
1.8 i 16V	96	183A 1.000 / 188A.6000		08/'00→	K20PR-U	0,9	IK20 062120040304
BRAVO / BRAVA (182)							
1.2 i 16V 85	63	176.B9. / 182.B2 (FIRE)		10/'98-'02	XU24EPR-U	0,9	IXU24 062120080304
1.4 i 12V S	55	182 A5.000		'95-'02	K20TNR-S9	0,9	IK20 062120040304
1.4 i 12V S / SX	59	182 A3.000		'95-'02	K20TNR-S9	0,9	IK20 062120040304
1.4 i 16V	66	192 B.000		04/'07 →	XU22EPR-U	1,0	
1.6 i 16V S / SX / EL	66	182.A6.000		'95-05/'01	K20TNR-S9	0,9	IK20 062120040304
1.6 i 16V S / SX / EL	76	182 A4.000		'95-07/'99	K20TNR-S9	0,9	IK20 062120040304
1.6 i 16V S / SX / EL	76	182 A4.000		'07/'99-'02	K16PR-U	0,9	IK16 062120030304
1.8 i 16V GT / ELX	83	182 A2.000		'95-'02	K20TNR-S9	0,9	IK20 062120040304
2.0 i 20V HGT / ..	108-113	182 A1.000	5 Cyl	'95-'02	K20TNR-S9	0,9	IK20 062120040304
CAMPAGNOLA							
2.0	59	613AZ.2		'74-'86	W20EP-U	0,8	IW20 062120070304
CINQUECENTO (170)							
0.7 700 ED	23	170.A.000	W/W Cat	'91-'93	W20EPR-U	0,8	IW20 062120070304
0.9	30	170.A1.000		'91-'93	W20EPR-U	0,9	IW20 062120070304
0.9 i	30	170.A1.046	Cat	'91→	W20EPR-U	0,9	IW20 062120070304
1.1 .. / Sporting	40,4	176.A6.000	Cat	'91 →	Q20PR-U	0,9	IK20 062120040304
CITIVAN							
1.1		146.A.6		'85→	Q20PR-U	0,8	IK20 062120040304
COUPE (175)							
1.8 i16V	96	183A 1.000		'95→	K20TNR-S9	0,9	IK20 062120040304
2.0 i16V	102	836.A.3 (A2)	Cat	'94→	W22EPR-U	0,9	
2.0 i 20V	108	182 A1.000	5 Cyl	'96 →	K20TNR-S9	0,9	IK20 062120040304
2.0 i 20V Turbo	162	175 A3.000	5 Cyl	'96 →		0,8	IK20 062120040304
CROMA							
1.6 (154) CHT	61-63	154.048 / 154A.000	Carb.	'86-'93	W20EPR-U	0,9	IW20 062120070304
1.8i 16V		939A4.000		12/'05 →	KJ16CR-L11	1,0	IK16 062120030304
2.0 (154) Turbo i.e.	110-116	154.A2. / 154C4.046	W/O Cat	'86-'94	W20EPBR-S	0,8	IW20 062120070304
2.0 (154) Turbo i.e.	110	834.C (...146)	Cat	'86-'93	W20EPBR-S	0,8	IW20 062120070304
2.0 (154) 2000 CHT	66-74	154.A1 / 154.C2.	Carb	'86-'93	W22EPR-U	0,9	
2.0 (154) i.e.	84-89	834.AB... - 154.C...		'86-'93	W22EPR-U	0,8	
2.0 (154) i.e. / S	84-86	154.C.3		'91→	W22EPR-U	0,9	
2.0 (154) 16V	101	154.E1.	Cat	'92-'96	W22EPR-U	0,9	
2.2 (194) i 16V	108	194.A1.000		06/'05→	ITV16	1,1	ITV16 062120060304


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DOBLÒ (223)

1.2 i SX (60)	47	223 A5.000		'00→	K16PR-U	062110020304	0,9	IK16	062120030304
1.4 i	57			10/05→	XU22EPR-U	062110460304	1,0		
1.6 i 16V	76	182.B6.000		10/01→	K16PR-U	062110020304	0,9	IK16	062120030304

DUCATO

1.8 (280)	40-55	XM 7T - 170 B		'82-'93	W20EP-U	062110410304	0,8	IW20	062120070304
2.0 (230) 10 / 14 Maxi	80	RFW		'94→	Q20PR-U	062110250304	0,8	IK20	062120040304

DUNA (146)

1.1 60 Weekend	43	146.A6		'87-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 70 Weekend	50	146.A5		'87-'90	W20EPR-U	062110390304	0,8	IW20	062120070304

FIORINO

0.9 900	33	903.		'77-'81	W20EPR-U	062110390304	0,7	IW20	062120070304
1.0 1050	37	M.201.A		'80-'87	W20EPR-U	062110390304	0,7	IW20	062120070304
1.1	40	146.A.9		'87-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	49	146.A.5		'87-'94	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i.e.	52	146.C.5 / 149.C5		'93→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5 i.e.	55	149.C.1		'88-'93	W22EPR-U	062110430304	0,7		
1.6 i.e.	59	146.C.6		'93→	W22EPR-U	062110430304	0,7		

GRANDE PUNTO (199)

1.2 i 8V	48			10/05→	XU22EPR-U	062110460304	1,0		
1.4 i 8V	57			10/05→	XU22EPR-U	062110460304	1,0		
1.4 l 16V	70			10/05→	XU22EPR-U	062110460304	1,0		

IDEA

1.2 i 16V	59	188.A5.000		01/04→	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.4 i	57	350.A1.000		09/05→	XU22EPR-U	062110460304	1,0		
1.4 i 16V	70	843.A1.001		01/04→	XU22EPR-U	062110460304	0,9		

MAREA / ..WEEKEND (185)

1.4 12V	59	182 A3/5.000		'96-'03	K20TNR-S9	062110110304	0,9	IK20	062120040304
1.6 16V	76	182 A4/6.000		'96-'03	K20TNR-S9	062110110304	0,9	IK20	062120040304
1.6 16V	76	182 A4.000		12/98-'03	K16PR-U	062110020304	0,9	IK16	062120030304
1.8 16V	83	182 A2.000		'96-'03	K20TNR-S9	062110110304	0,9	IK20	062120040304
2.0 20V	108	182 A1.000	5 Cyl	'96-'03	K20TNR-S9	062110110304	0,9	IK20	062120040304

MULTIPLA (186)

1.6 i 16V	70-76	182 A3/4/6.000 / 186 A4.000		'98-06/99	K20TNR-S9	062110110304	0,9	IK20	062120040304
1.6 i 16V	76	186 A4.000		07/99→	K16PR-U	062110020304	0,9	IK16	062120030304

PALIO (178)

1.2 i 75	55	178.B5.000 MPI		'97→	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i 16V	51	178 B2.000		07/99→	K16PR-U	062110020304	0,9	IK16	062120030304
1.6 i 16V 100	75	178.B3.000 (DOHC) MPI		'96-06/97	K20TNR-S9	062110110304	0,8	IK20	062120040304

PANDA

0.8 (141) 750 Fire L / CL / CLX / S	25	156.A4.		'86-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
0.8 (141) 34 / Young	25	141.B.		→'85	W20EP-U	062110410304	0,8	IW20	062120070304
0.9 (141) i.e.	29	1170.A.1	Cat	04/92-08/95	W20EPR-U	062110390304	0,9	IW20	062120070304
0.9 (176) i.e.	29	1170.A.1	Cat	09/95-01/97	K20TNR-S9	062110110304	0,8	IK20	062120040304
0.9 (176) i.e.	29	1170.A.1	Cat	01/97→	K16PR-U	062110020304	0,9	IK16	062120030304
0.9 (141) 45 / 45 S	33	146.A.		→'85	W20EP-U	062110410304	0,8	IW20	062120070304
1.0 (141) 48 4x4	35	A 112 B1.		'81-'85	W20EPR-U	062110390304	0,8	IW20	062120070304

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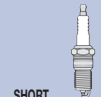
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PANDA									
1.0 (141) 1000 Fire CL / S / Europe	33	156.A2.		'86-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.0 (141) 4x4 Fire	37	156.A3.		'86-'93	Q20PR-U	062110250304	0,7	IK20	062120040304
1.0 (141) 4x4 Fire i.e.	33	156.A2.	Cat	'86-'91	Q20PR-U	062110250304	0,9	IK20	062120040304
1.0 (141) L / CLX	33		Cat	'92→	Q20PR-U	062110250304	0,9	IK20	062120040304
1.1 (176) Sebeta / Trekking4x4	37	156.C.	Cat	'92-12/'97	Q20PR-U	062110250304	0,9	IK20	062120040304
1.1 (176) 1100 / 4x4 / Country	40	176.B2.000	W/W Cat	02/'95-12/'97	Q20PR-U	062110250304	0,7	IK20	062120040304
1.1 (176) 1100 i.e. / 4x4 / country / Van	40	176.B2.000	Cat	01/'97→	K20TNR-S9	062110110304	0,8	IK20	062120040304
1.1 (169) i	40	187.A1.000		09/'03→	K16PR-U	062110020304	0,9	IK16	062120030304
1.2 (169) i	44	188.A4.000		09/'03→	K16PR-U	062110020304	0,9	IK16	062120030304
1.2 (169) i 4x4	44	188.A4.000		10/'04→	K16PR-U	062110020304	0,9	IK16	062120030304

PENNY									
1.1	41	138.B.		'88-'93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3	48			'88-'93	W20EPR-U	062110390304	0,8	IW20	062120070304

PUNTO									
1.1 (176) 55 ED-6 Speed SPI	40	176.A6.		'93-'99	Q20PR-U	062110250304	0,9	IK20	062120040304
1.2 (176) 60 Spi / Cabrio S	43	176.A7.		'93-'99	Q20PR-U	062110250304	0,9	IK20	062120040304
1.2 (176) 75 MPI	54	176.A8.		'93-'99	Q20PR-U	062110250304	0,9	IK20	062120040304
1.2 (176) Spi Sebeta	44	176.B1.		'94-'99	Q20PR-U	062110250304	0,9	IK20	062120040304
1.2 (176) i 16V Sporting SX / 85	63	176.B9. (Fire)		04/'97-'99	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.2 (188) i (60)	44	176.B4. (SOHC)		02/'98→	K16PR-U	062110020304	0,9	IK16	062120030304
1.2 (188) i (60)	44	188.A4. (SOHC) NaturalPower	Bi-Fuel	09/'03→	K16PR-U	062110020304	0,9	IK16	062120030304
1.2 (188) i 16V (80)	59	188A.5 (DOHC)		09/'00-12/'02	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.2 (188) i 16V (80)	59	188A.5 (DOHC)		01/'03→	XU22EPR-U	062110460304	0,9		
1.2 (188) i 16V (85)	63	176.B9. (DOHC)		02/'98→	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.4 (176) GT Turbo	98	176.A4. MPi		'93-'99	K22PBR-S	062110130304	0,9		
1.4 (188) i 16V	70	843 A1.000		04/'03→	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.6 (176) 90 MPi / Cabrio ELX	65	176.A9.		'93-'99	Q22PR-U	062110280304	0,9		
1.6 (176) Sporting	65	176.A9.		'95-'99	Q22PR-U	062110280304	0,9		
1.8 (188) i 16V HGT (130)	96	183 A1.000 (DOHC 16V VFD)		02/'98-08/'03	K20TNR-S9	062110110304	0,9	IK20	062120040304
1.8 (188) i 16V HGT (130)	96	183 A1.000 (DOHC 16V VFD)		09/'03→	K20PR-U	062110070304	0,9	IK20	062120040304

REGATA									
1.1 60	43-50	146.A4.		'83-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 70 / C / S / ES / Weekend	48-50	149.A7. / 138.B2.		'83-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 75 / 75 S	55	138.C3.048 / 138.C3..		'83-'89	W22EPR-U	062110430304	0,7		
1.5 85 / C / S	61	138.B3.		'83-'90	W22EPR-U	062110430304	0,8		
1.5 75 / i.e. / Weekend	55	138.C2.048	Cat	'86-'89	W20EPR-U	062110390304	0,9	IW20	062120070304
1.5 75 i.e	55	149.C1.	Cat	'88-'90	W22EPR-U	062110430304	0,9		
1.6 85 / 85 S	58-62	149.A. / 149.A5.		'83-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 90 i.e./ S / Weekend	55-66	149.C2.	Cat	'86-'89	W20EPR-U	062110390304	0,9	IW20	062120070304
1.6 100S / Weekend	74	149.A2.		→'85	W20EP-U	062110410304	0,8	IW20	062120070304
1.6 100S / Weekend	74	149.A4.		'85-'86	W22EPR-U	062110430304	0,8		
1.6 100 i.e. / Weekend	74	149.C3.		'86-'89	W20EPR-U	062110390304	0,8	IW20	062120070304

RITMO / STRADA (138)									
1.1 60 / 60 ES	40-44	138.A../B../C1.. 146.A4		'78-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 70	48-50	138.B2 - 149.A1- 149.C4..		'78-'87	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 75	55	138.B3. - 149.C1		'78-'87	W20EPR-U	062110390304	0,8	IW20	062120070304


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RITMO / STRADA (138)

1.5 Super 75 / 85	58	138.B3. - 149.A5		'81-'88	W22EPR-U	062110430304	0,8		
1.6 Abarth 105 TC	77	138.AR.0		'81-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 90 i.e	66	149.C2.		→'88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 100 i.e	74-77	149.A.4.048 /		→'88	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 Abarth 120 TC	88	138. AR		'80-07/'81	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 Abarth 125 TC	92	138.AR.1		'80-'88	W22EPR-U	062110430304	0,8		
2.0 Abarth 130 TC	96	138.AR.2		'82-'88	W22EPR-U	062110430304	0,8		

SCUDO (220)

1.6 i	58	159 A3.046		'96→	Q22PR-U	062110280304	0,8		
2.0i 16V		RFN		06/'00 →	K16HPR-U11	062110030304	0,8		

SEICENTO (187)

0.9 i	29	1170 A1.046 (OHV)		03/'98→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 i	40	176 B2.000 (Fire)		03/'98-09/'00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 i	40	187 A1.000 (Fire) (Mpi)		10/'00→	K16PR-U	062110020304	0,9	IK16	062120030304

SIENA

1.4 i 16V	51	178 B2.000		07/'99→	K16PR-U	062110020304	0,9	IK16	062120030304
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SPIDER

2.0 Europe	77			'66-'85	W20EPR-U	062110390304	0,8	IW20	062120070304
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STILO (192)

1.2 i 16V (80)	59	188.A5. (DOHC) / 176.B9. (DOHC)		08/'01→	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.4 i 16V	70	843.A1		01/'04→	XU22EPR-U	062110460304	0,9		
1.6 i 16V (103)	76	182.B6. (DOHC) 178.B3.000 (DOHC)		08/'01→	K16PR-U	062110020304	0,9	IK16	062120030304
1.8 i 16V (133)	98	192.A4.000 (DOHC) / 182 A2 (DOHC)		08/'01→	K20PR-U	062110070304	0,9	IK20	062120040304
2.4 i 20V (170)	125	192 A2.000 (DOHC)		08/'01→	K20TNR-S9	062110110304	0,9	IK20	062120040304

STRADA (178)

1.2 i	54	178.B5.000 MPi		'99→	K20TNR-S9	062110110304	0,9	IK20	062120040304
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TALENTO

2.0	55	XN 1.T		'90→	W20EPR-U	062110390304	0,8	IW20	062120070304
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TEMPRA (159)

1.4	57	159.A2.		'90-'93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 SPI / SX, i.e	51	160.A1.046	W/O Cat	'91-'96	W20EPR-U	062110390304	0,9	IW20	062120070304
1.6	57-63	159.A3.		'90-'91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 i.e.	55	159.A3.048	Cat	'93-'97	Q22PR-U	062110280304	0,9		
1.6 i.e.	55	835.C1.	Cat	'93-'97	Q22PR-U	062110280304	0,9		
1.8 i.e.	81	159.A4.	W/O Cat	'90-'96	W22EPR-U	062110430304	0,8		
1.8 i.e.	76	835.C2.	Cat	'93-'96	W22EPR-U	062110430304	0,9		
2.0 i.e. / SLX / Sebceta	83	159.A6.	Cat	'90-'96	W22EPR-U	062110430304	0,9		

TIPO (160)

1.1	41	160.A3.		'88-'92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4	52-57	160.A1./048 -159.A2		'88-'93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 i.e.	51-55	160.A1.046	Cat	'88-'96	W20EPR-U	062110390304	0,9	IW20	062120070304
1.6 i.e.	66	149.C2	Cat	'88-'94	W22EPR-U	062110430304	0,9		
1.6	60-63	160.A2.		'88-'93	W22EPR-U	062110430304	0,8		
1.6 SX / SX Sebceta	55-57	159.A3.	Cat	'92-'96	Q22PR-U	062110280304	0,9		
1.6 i.e.	55-60	835.C.1	Cat	'93-'96	Q22PR-U	062110280304	0,9		
1.8 i.e. 16V	102	160.A5.		'89-'93	W20EPBR-S	062110380304	0,9	IW20	062120070304

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TIPO (160)									
1.8 i.e. GT	76	139.A4.	Cat	'92-'96	W22EPR-U	062110430304	0,9		
1.8 i.e.	76	835.C2.	Cat	'93-'96	W22EPR-U	062110430304	0,9		
1.8 i.e.	81	159.A4.		06/'90-'93	W20EP-U	062110410304	0,8	IW20	062120070304
2.0 i.e.	80	159.A.5		'90-'94	W22EPR-U	062110430304	0,7		
2.0 i.e. 16V	102-107	160.A8. - 836.A3	Cat	'91-'96	W22EPR-U	062110430304	0,9		
2.0 i.e. / i.e. Sebcia	83	156.A6.	Cat	'93-'96	W22EPR-U	062110430304	0,9		

ULYSSE

1.8 (220) i	74	LFW / LFZ (XU 7 JP/Z)		'96-'02	K20TXR	062110120304	0,9	IK20	062120040304
2.0 (220) i	89	RFU (PSA XU10 J2C/Z)		'94-'02	K20TXR	062110120304	0,9	IK16	062120030304
2.0 (220) Ti Turbo	108	RGX (PSA XU10 J2TE/Z)		'94-'02	K20TXR	062110120304	0,9	IK20	062120040304
2.0 (220) i 16V	90-97	M1, M8 (RFU, RFV) (XU 10 J4R)	(19.0rthread)	05/'98-09/'00	K20TXR	062110120304	0,9	IK20	062120040304
2.0 (220) i 16V	100	M10 (RFN) (EW10J4)	(26.5rthread)	01/'00-08/'02	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 (179) i 16V	100	RFN - M1 (EW10J4)	(26.5rthread)	08/'02→	K16HPR-U11	062110010304	0,9	IKH16	062120050304
3.0 (179) i V-6 24V	150	XFX (ES9J4S)	(26.5rthread)	08/'02→	IKH16	062120050304	1,1	IKH16	062120050304

UNO (146)

0.9 45 / 45 S / 45 ES / Sting	33	146.A.		→'89	W20EPR-U	062110390304	0,8	IW20	062120070304
0.9 45	33	146.A.		'89-'93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 45 Fire / S / SX	33	156.A2. / 146.C7		'85-'96	Q20PR-U	062110250304	0,8	IK20	062120040304
1.0 45 / 45 S / 45 SX	33	156.A.2	Cat	'92-'96	Q20PR-U	062110250304	0,9	IK20	062120040304
1.1 55 / 55 S	41	138.B.		'83-'85	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 1.1 i.e. / 60 / 60 SX	37	156.C.	Cat	'85-'96	Q20PR-U	062110250304	0,9	IK20	062120040304
1.1 60 / S / SX	41	146.C3. / 160.A3		'89-'96	Q20PR-U	062110250304	0,9	IK20	062120040304
1.1 60 Sebcia	43	146.A4. / A6		'86-'91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 70 S / SL / SX	48	138.B2. / 149A7.000		'83-'89	W20EPR-U	062110390304	0,9	IW20	062120070304
1.3 Turbo i.e.	77	146.A2.		'85-'89	K22PBR-S	062110130304	0,8		
1.3 Turbo i.e.	74	146.A2.146 / ...246	Cat	'85-'89	K22PBR-S	062110130304	0,9		
1.4 70 Sebcia	41	146.C1 / A1	Cat	'82-'96	W20EPR-U	062110390304	0,9	IW20	062120070304
1.4 Turbo i.e.	87	146.A8.		'89-'93	K22PBR-S	062110130304	0,9		
1.4 70 SX / Sebcia i.e	53	146.C1.		'89-'93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 1.4 i.e.	51	160.A1.046	Cat	'89-'96	W20EPR-U	062110390304	0,9	IW20	062120070304
1.4 Turbo i.e. / Racing	82	146.A8.(046)	Cat	'93-'96	K22PBR-S	062110130304	0,9		
1.5 i.e.	55	138.C2.048	Cat	'85-'89	W20EPR-U	062110390304	0,9	IW20	062120070304
1.5 75 i.e / S / SX	55	149.C1 (MPi)	Cat	→'89	W22EPR-U	062110430304	0,9		
1.5 75 i.e / S / SX	52	(SPi)	Cat	'89-'96	W22EPR-U	062110430304	0,9		
1.5 Sebcia i.e.	55	149.C1.000	Cat	'93-'96	W22EPR-U	062110430304	0,9		

X 1 / 9

1.5 AIModeb	58-63	138.A5		→'81	W22EP-U	062110450304	0,8		
1.5 AIModeb	58-63	138.A5		'81-'90	W22EPR-U	062110430304	0,9		

FORD

CAPRI MK III

2.0 V-6		HC , LC		'76-'83	W22EPR-U	062110430304	0,6		
2.8 i V-6	118	PRN Fi	(S)	'81-'87	W22EPR-U	062110430304	0,8		
3.0 V-6	104	HYF		'74-'81	W20EPR-U	062110390304	0,6	IW20	062120070304


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COUGAR

2.0 i 16V	94	EDBA Zetec		'98→	PT16VR13	062110220304	1,3	ITV16	062120060304
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COURIER

1.3	44	OHV 2V Carb.		09/91-09/95	T20EPR-U	062110320304	0,8		
1.3 i	44	JGB Cf		05/92-09/95	T20EPR-U	062110320304	0,8		
1.4 i 16V	66	FHA Zetec-SE		09/95→	PT16VR13	062110220304	1,0	ITV16	062120060304

ECOVAN

1.4	48	UC OHC		'85→	W20EPR-U	062110390304	0,8	IW20	062120070304
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ESCORT

1.1 (MkIII)	37-40	GSE/GSG OHV VV		'80-07/90	T20EPR-U	062110320304	0,8		
1.1 (MkIII)	40	GUF HCS 2V		'86-07/90	T20EPR-U	062110320304	1,0		
1.1 (MkIII)	40-43	GMA CVH LC		'80-'82	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 (MkIII)	40-43	GPA CVH HC		'80-'82	Q22PR-U	062110280304	0,8		
1.1 (MkIV+V)	40	GUF HCS 2V		'90-'91	T20EPR-U	062110320304	1,0		
1.3 (MkI + II) .. / L / GL		J2 OHV HC		'68-'80	W22EP-U	062110450304	0,6		
1.3 (MkIII)	51	JPA CVH		'80-'85	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 (MkIII) Van	51	GPO CVH	(GB)	'80-'85	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 (MkIII)	44-46	JLA/JBA/JBB OHV		'80-'85	T20EPR-U	062110320304	0,8		
1.3 (MkIII)	44	JLB OHV HC	Cat	'86-'90	T20EPR-U	062110320304	0,8		
1.3 (MkIII) .. / LX	43	JGA OHV 2V	(N, S, SF)	'84-'89	Q20PR-U	062110250304	0,7	IK20	062120040304
1.3 (MkIV+V)	44-46	JBE/JBD HCS 2V		'90-'93	T20EPR-U	062110320304	1,0		
1.3 (MkIV+V) i	44	J4B Endura-E SEFi	Cat 25.000 km	08/90 →	T16EPR-U	062110600304	0,9		
1.3 (MkIV+V) i	44	J6A HCS CFi	Cat	08/90→	T20EPR-U	062110320304	1,0		
1.4 (MkIII)	55	FUA CVH HC 2V		'85-07/90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 (MkIII)	54	FUC CVH LC 2V		'86-07/90	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.4 (MkIII) i	54	F6B/F6D CVH CFi	Cat	'86-07/90	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.4 (MkIV+V)	54	FUH CVH 2V		08/90→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 (MkIV+V) i	52	F6D/F6F/F6G CVH CFi	Cat	08/90-01/95	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.4 (MkIV+V) i	54	F4B PTE SEFi	Cat	'94-'98	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.6 (MkI) Mexico	63	L3A OHV Kent		11/70-'75	W22EP-U	062110450304	0,6		
1.6 (MkI) Twin cam	78	DOHC Lotus		'68-'71	W22EP-U	062110450304	0,6		
1.6 (MkI) RS 1600 (16V)	88	(BDA) DOHC		'70-'74	W22EP-U	062110450304	0,6		
1.6 (MkIII) .. / LX	48	LGA CVH VV	(CH, S, N, SF)	'80-'90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 (MkIII)	58	LP1/LP2 CVH VV		08/80-07/90	Q22PR-U	062110280304	0,8		
1.6 (MkIII) .. / Express 55	58	LPA CVH VV		'80-'90	Q22PR-U	062110280304	0,8		
1.6 (MkIII)	65	LUG CVH Carb 2V	Cat	'89-'90	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.6 (MkIII) i	77	LRB/LRB Cat/LR2 CVH	(..., S, CH)	'86-'90	Q22PR-U	062110280304	0,7		
1.6 (MkIII) i	66	L4B CVH LC	Cat	'85-'90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 (MkIII) XR3	71	LUA CVH 2V		09/80-02/85	Q22PR-U	062110280304	0,8		
1.6 (MkIII) .. / XR3 i	77	LRA/LRB/LR1 CVH K-Jetr.		'82-'89	Q22P-U	062110300304	0,8		
1.6 (MkIII) XR3 i	75-79	LJA/LJB CVH	W/W Cat	'89-'90	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.6 (MkIV+V)	65-66	LUJ/LUK CVH 2V	W/W Cat	07/90-'98	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 (MkIV+V) i	77-79	LJF/LJE CVH EFI	W/W Cat	07/90-12/92	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.6 (MkIV+V) i 16V	65-66	L1E/L1H/L1K Zetec SEFi	Cat	'92-'98	PT16VR13	062110220304	1,2	ITV16	062120060304
1.8 (MkII) RS 1800 (16V)	84	(BDA) DOHC		'75-'80	W22EP-U	062110450304	0,6		
1.8 (MkIV+V) i 16V	77	RDA Zetec SEFi	Cat	02/92-'98	PT16VR13	062110220304	1,2	ITV16	062120060304
1.8 (MkIV+V) .. / Si	85	RKC Zetec-E SEFi	Cat	02/92-'98	PT16VR13	062110220304	1,2	ITV16	062120060304

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ESCORT

1.8 (MW+V) XR3i / Cabrio / 4x4 / ..	96	RQB Zetec SEFi	Cat	02/92-98	PT16VR13	062110220304	1,2	ITV16	062120060304
2.0 (MW+V) RS 2000 / ...4x4	110	N7A DOHC 16V EFi	Cat	05/91-01/95	K20PR-U11	062110080304	1,0	IK20	062120040304
2.0 (MW+V) RS Cosworth	167	N5F (YBT) (Blue cam cover) Weber	T35 Turbo	92-93	PK20PR-P8	062110190304	0,8		
2.0 (MW+V) RS Cosworth	167	N5E (YBP) (Silver cam cover) EEC-IV	T25 Turbo	93-98	PK20PR-P11	062110570304	1,0		

FIESTA

1.0	29-33	OHV		76-89	T20EPR-U	062110320304	0,8		
1.0	33	TLB HCS 1V		89-91	T20EPR-U	062110320304	1,0		
1.1	35-40	GLC / GSF OHV		76-89	T20EPR-U	062110320304	0,8		
1.1	40	GUD/GUE HCS 2V		89-97	T20EPR-U	062110320304	1,0		
1.1	35-36	GUB/GSH HCS	Cat	86-89	T20EPR-U	062110320304	0,8		
1.1 i	37	G6A HCS CFi Reg.	Cat	89-97	T20EPR-U	062110320304	1,0		
1.25 i 16V	55	DHA, DHB, DHC, DHD, DHE, DHF, DHG, ZH12 Zetec E		01/96-02	PT16VR13	062110220304	1,1	ITV16	062120060304
1.25 i 16V	51-55	M7JA / M7JB / FUJA / FUJB Duratec 16V SFI		11/01 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.3	49	J3E OHV		81-83	Q22PR-U	062110280304	0,8		
1.3 XR 2 / ..		OHC		77-83	Q22PR-U	062110280304	0,8		
1.3	51	JPC CVH		83-01/87	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 .. / i	44	JBC/(J6B CFi) HCS	W/W Cat	89-97	T20EPR-U	062110320304	1,0		
1.3 i	37-44	JJA, J4C BL13 Endura-E	30.000 km	08/95-02	T16EPR-U	062110600304	0,9		
1.3 i	44-51	A9JA / A9JB / BAJA Duratec 8V SFI		11/01 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.4	54	FUA/FUB(A) CVH HC		83-89	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i	52	F6E CVH LC Reg.	Cat	87-96	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.4 .. / i	52	F6A/F6C CVH	W/W Cat	10/86-02/89	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.4	54-55	FUF/FUJ CVH 2V		89-97	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i	52-55	F4A CVH CFi Reg.	Cat	89-97	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.4 i 16V	66	FHA Zetec SE		01/96-02	PT16VR13	062110220304	1,1	ITV16	062120060304
1.4 i 16V	59	FXJA / FXJB Duratec 16V SFI		11/01 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.6 XR 2	62	L3(E) OHV 2V Kent		77-83	Q22PR-U	062110280304	0,8		
1.6 .. / XR 2		LUB / LUD CVH 2V	Carb	83-01/87	Q22PR-U	062110280304	0,8		
1.6	58	LP3 CVH VV		83-89	Q22PR-U	062110280304	0,8		
1.6 XR 2	70-71	LUB / LUD CVH	Cat	84-89	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6		CVH 2V		02/87-89	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6	66	LUH CVH 2V		89-97	Q20PR-U	062110250304	0,7	IK20	062120040304
1.6 XR2i	76-81	LJC/LJD CVH EFi Reg.	W/W Cat	89-97	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.6 i 16V / GT	66	L1E/L1G Zetec SEFi	Cat	94-97	PT16VR13	062110220304	1,1	ITV16	062120060304
1.6 i 16V	74	FYJA / FYJB Duratec 16V SFI		11/01 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.8 XR2i / RS 1800	96	RQC Zetec EFi	Cat	92-97	PT16VR13	062110220304	1,1	ITV16	062120060304
1.8 1.8i / Si / XR2i	77	RDA/RDB Zetec EFi	Cat	92-97	PT16VR13	062110220304	1,1	ITV16	062120060304

FOCUS

1.4 i 16V	55	FXD (Zetec-SE) (Sigma)		09/98 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.4 i 16V	59	ASDA / ASDB		11/04 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.6 i 16V	74	FYD (Zetec-SE) (Sigma)		09/98 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.6 i 16V	72	CDD.. Duratec		09/98 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.6 i 16V	74	HWDA / HWDB Duratec-16V SFI		07/04 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.6 i 16V Ti-VCT	85	HXDA Duratec-16V Ti-VCT		07/04 →	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.8 i 16V	85	EYD.. Zetec-E		09/98 →	PT16VR13	062110220304	1,0	ITV16	062120060304
1.8 i 16V	85	EYD /-E/-G/-I/-J Zetec-E		09/98 →	PT16VR13	062110220304	1,0	ITV16	062120060304



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FOCUS										
2.0 i 16V	95	EDD.. Zetec-E		09/98→	PT16VR13	062110220304	1,0	ITV16	062120060304	
FOCUS C-MAX										
1.6 i 16V	74	HWDA / HWDB Duratec-16V SFI		06/03→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
1.6 i 16V Ti-VCT	85	HXDA Duratec-16V Ti-VCT		06/03→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
FUSION										
1.3 i 16V	55	FUJA / FUJB Duratec 16V SFI		06/02→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
1.4 i 16V	59	FXJA / FXJB Duratec 16V SFI		06/02→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
1.6 i 16V	74	FYJA / FYJB Duratec 16V SFI		06/02→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
GALAXY										
2.0 i	85	NSE, ZVSA (DOHC SEFI)		02/95→	K20PR-ZU11	062110090304	0,9	IK20	062120040304	
2.3 i 16V	108	Y5B, E5SA, E5SB (DOHC16V SEFI)		02/95→	K20PR-ZU11	062110090304	1,0	IK20	062120040304	
2.8 i V-6	150	AYL (CD-V6 24V SEFI)		04/00→	PKJ16CR-L11	062110210304	1,0	IK16	062120030304	
GRANDA MK II										
2.0 V-6	64-66	NYP/ .. Carb.		'77-'85	W22EPR-U	062110430304	0,6			
2.3 V-6	79-84	Carb.		'77-'85	W22EPR-U	062110430304	0,6			
2.8 V-6	99-108	PYA/PYU Carb.		'77-'85	W22EPR-U	062110430304	0,6			
2.8 i V-6	110-118	PRC/PRD EFi		'77-'85	W22EPR-U	062110430304	0,6			
KA										
1.3 i	36-37	JJ B/D/F/G/H/L Endura-E SEFI		09/96→	T16EPR-U	062110600304	0,9			
1.3 i	44	J4 D/K/M/N/P/S Endura-E SEFI		09/96→	T16EPR-U	062110600304	0,9			
1.3 i 8V	44	BAA Duratec 8V SFI		08/02→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
1.3 i 8V	51	A9A / A9B Duratec 8V SFI		08/02→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
1.6 i 8V SportKa	70	CDB / CDC Duratec 8V SFI		05/03→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
1.6 i 8V StreetKa	70	CDRA / CDRB Duratec 8V SFI		01/03→	T16VR-U10	062110310304	1,0	ITV16	062120060304	
MAVERICK										
2.0 i 16V	96	4-Cyl Zetec		02/01 →	PT16VR13	062110220304	1,1	ITV16	062120060304	
MONDEO										
1.6 (G.P) i 16V	66-70	L1F / L1J Zetec		02/93-08/96	PT16VR13	062110220304	1,1	ITV16	062120060304	
1.6 (B.P) i 16V	70	Zetec		09/96-11/00	PT16VR13	062110220304	1,1	ITV16	062120060304	
1.8 (G.P) i 16V	82-85	RKA / RKB Zetec		02/93-08/96	PT16VR13	062110220304	1,1	ITV16	062120060304	
1.8 (B.P) i 16V	85	Zetec		09/96-11/00	PT16VR13	062110220304	1,1	ITV16	062120060304	
2.0 (G.P) i 16V	100	NGA Zetec		02/93-08/96	PT16VR13	062110220304	1,1	ITV16	062120060304	
2.0 (B.P) i 16V	100	Zetec		09/96-11/00	PT16VR13	062110220304	1,1	ITV16	062120060304	
ORION										
1.3	51	JPA CVH VV		'83-03/86	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.3	44	JLA/JLB/JBA/JBB OHV VV	W/W Cat	'86-'90	T20EPR-U	062110320304	0,8			
1.3	44	HCS 2V		01/86-07/90	T20EPR-U	062110320304	0,9			
1.3 ../i	44	JBE/J6A HCS 2V / CFi	Cat	07/90-07/93	T20EPR-U	062110320304	0,9			
1.4	55	FUA CVH HC 2V		01/86-07/90	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.4	54	FUC CVH LC 2V		11/86-07/90	Q20PR-U11	062110260304	1,1	IK20	062120040304	
1.4 i	54	F6B/F6D CVH CFi	Cat	'86-'90	Q20PR-U11	062110260304	1,1	IK20	062120040304	
1.4	54	FUH CVH 2V		07/90→	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.4 i	52	F6F/F6G CVH CFi	Cat	07/90→	Q20PR-U11	062110260304	1,1	IK20	062120040304	
1.6	58	CVH VV	(CH, S)	'83-'85	Q20PR-U	062110250304	0,8	IK20	062120040304	
1.6	58	LPA/.. CVH VV		'83-'85	Q22PR-U	062110280304	0,8			
1.6 i	77	CVH HC K-Jetronic		'83-'90	Q22PR-U	062110280304	0,8			

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ORION									
1.6 i	66	L4B/ CVH LC RegKE-	Cat	'83-'90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6	65-66	LUG/LUC/LUJ CVH 2V	Cat	'86-'94	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 i		CVH HC EFi Reg	Cat	'86-'94	Q20PR-U11	062110260304	1,1	IK20	062120040304
1.6 i	77-79	CVH EFi Reg	Cat	'90-'94	Q20PR-U11	062110260304	1,1	IK20	062120040304
1.6 i 16V	66	L1E Zetec	Cat	'92-'94	PT16VR13	062110220304	1,1	ITV16	062120060304
1.8 i 16V	77-96	RDA/RQB Zetec	Cat	'92-'94	PT16VR13	062110220304	1,1	ITV16	062120060304

PROBE									
2.0 16V	85	FS		10/'93→	Q20PR-U11	062110260304	1,1	IK20	062120040304
2.2 i GT Turbo	108	↳4L LC Turbo		'90-'93			1,0	IK20	062120040304
2.5 V-6 24V	120	KL (Mazda)		'93→			1,1	IK16	062120030304

PUMA									
1.4 i 16V	66	FHD / FHF Zetec-SE SEFI		06/'97-12/'01	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.6 i 16V	76	L1W Zetec-SE SFI		06/'97-12/'01	T16VR-U10	062110310304	1,0	ITV16	062120060304
1.7 i 16V	92	MHA / MHB Zetec-S VCT SFI		06/'97-12/'01	PT16VR13	062110220304	1,2	ITV16	062120060304

SCORPIO / GRANADA									
2.0 (G.E)	80	N8B DOHC 2V	Carb	'89-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 (G.E) i	88-92	N9B/N9D/N9F DOHC EFi	Cat	05/'89-12/'94	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 (G.E) i 16V	100	Zetec EFi (EG C4)		'95→	PT16VR13	062110220304	1,1	ITV16	062120060304
2.0 (G.R) i	85	NSD DL20 DOHC		10/'94-'99	PK20PR11	062110180304	1,0		
2.0 (G.R) i 16V	100	N3A DH20 DOHC		10/'94-'99	PK20PR11	062110180304	1,0		
2.3 (G.R) i 16V	108	Y5A DOHC SEFi DOHC		09/'96-'99	K20PR-ZU11	062110090304	1,0	IK20	062120040304
2.4 (G.E) i V-6	96	ARC EFi		09/'86-09/'88	Q20PR-U	062110250304	0,8	IK20	062120040304
2.4 (G.E) i V-6	92	ARD EFi Reg	Cat	10/'88-09/'94	T20EPR-U	062110320304	1,0		
2.8 (G.E) i V-6 .. / 4x4	107-110	PRE / PR3 / PR4 EFi	(.. S, CH)	04/'85-11/'86	W22EPR-U	062110430304	0,8		
2.9 (G.E) i V-6 .. / 4x4	110	BRC EFi		09/'86-09/'94	Q20PR-U	062110250304	0,8	IK20	062120040304
2.9 (G.E) i V-6 .. / 4x4	104-107	BRE/BRF EFi Reg	W/W Cat	09/'86-12/'94	T16EPR-U	062110600304	1,0		
2.9 (G.E) i V-6 .. / 4x4	107	BRD EFi Reg	Cat	09/'86-12/'94	T16EPR-U	062110600304	1,0		
2.9 (G.E) i V-6 .. / 4x4	104	BRV EFi Reg	(CH, S) Cat	09/'86-12/'94	T16EPR-U	062110600304	1,0		
2.9 (G.E) i V-6 24V Cosworth	143	BOA EFi	Cat	04/'91-09/'94	PK20PR11	062110180304	1,1		
2.9 (G.R) i V-6	110	BRG		02/'95-'99	Q20PR-U11	062110260304	1,1	IK20	062120040304
2.9 (G.R) i V-6 24V	152	BOB CP29		10/'94-'99	PK20PR11	062110180304	1,1		

SIERRA / SAPPHIRE									
1.6 i	59	L6B CVH CFi (US83)	Cat	'87-'93	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.8	64-66	R2A/R2C CVH 2V	W/W Cat	'88-02/'93	Q20PR-U11	062110260304	1,0	IK20	062120040304
1.8 i	63	R6A CVH CFi	Cat	'92-'93	Q20PR-U11	062110260304	1,0	IK20	062120040304
2.0 V-6	66	NYT/.. V-6 OHV 2V		'82-'85	W22EPR-U	062110430304	0,6		
2.0	77-80	N8A/N8C/.. DOHC 2V	W/W Cat	'89-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i	92	N9A/.. DOHC EFi (US83)		'86-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i	85-88	N9C/N9E/.. DOHC EFi Reg	Cat	'89-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i 4x4 / i XR4x4	85-92	N9A/N9C/N9E DOHC EFi	W/W Cat	'89-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 (RS) Cosworth	150	N5B (YBB) (T03B)		01/'88-'90	K22PR-ZU	062110140304	0,9		
2.0 (RS) Cosworth 4x4	158-162	N5C (YBG) (Green camover)	US83 Cat	'89-'93	PK20PR-P11	062110570304	1,1		
2.0 (RS) Cosworth 4x4	158-162	N5D (YBJ) (Red camover)	Euro1504 Cat	'89-'93	PK20PR-P11	062110570304	1,1		
2.3 V-6	84	YYT Carb.		'82-'87	W22EPR-U	062110430304	0,6		
2.8 i V-6	105	PR6/PR8 V-6 EFi		'82-'93	W22EPR-U	062110430304	0,8		
2.8 i V-6	107	PR5/PR7 V-6 EFi		'82-'93	W22EPR-U	062110430304	0,8		



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SIERRA / SAPPHIRE

2.8 XR4i / 4x4	105-110	V-6		85-87	W22EPR-U	062110430304	0,7		
2.8 XR4i / 4x4	110	PRG V-6 Fi (K-Jetronic)		87-89	W22EPR-U	062110430304	0,8		
2.9 i V-6 ../ XR4x4	110	B4A/BRC V-6 EFi		08/88-02/92	Q20PR-U	062110250304	0,8	IK20	062120040304
2.9 i V-6 ../ XR4x4	107	B4B/B4C/BRD V-6 EFi	Cat	08/88-02/93	T16EPR-U	062110600304	1,0		

TRANSIT

1.9 V-6		EFi		86-01	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 i	84	NSF / NSG		07/94 →	K20PR-ZU11	062110090304	1,0	IK20	062120040304
2.3 i 16V	107	E5FA, E5FC		01/00 →	PK20PR11	062110180304	1,1		
2.9 V-6	107	BRT		09/91-10/94	Q20PR-U11	062110260304	1,0	IK20	062120040304
3.0 V-6	78	LC ESX 1V	(GB)	83-96	W22EPR-U	062110430304	0,6		

TRANSIT CONNECT

1.8 i 16V	86	Zetec		09/02 →	PT16VR13	062110220304	1,0	ITV16	062120060304
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VAN

1.1 35 / 55	40	GMA CVH VV LC		80-82	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 35 / 55	37-40	GLB / GSE		80-86	T20EP-U	062110330304	0,8		
1.3 35 / 55	51	JPA		81-85	Q20PR-U	062110250304	0,8	IK20	062120040304

FORD (U.S.A.)

ASPIRE

1.3 1300		L4 4 >		96 →	W16EXR-U11	062110620304	1,1		
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AEROSTAR

3.0 i	108	V-6 4 (MPI)		89-93	T20EPR-U	062110320304	1,0		
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BRONCO

2.9 i 4x4	105-107	V-6 4 (MPI)		86-91	T16EPR-U	062110600304	1,1		
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ESCORT

1.9 i	82	L4 4 (EFi)		89 →	T20EPR-U	062110320304	1,1		
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FESTIVA

1.3 1300	40-44	L4 (B 3) (Carb. + Cat)		87-93	W16EXR-U11	062110620304	1,1		
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PROBE

2.5 i V-6 24V	121	V-6 24V (KL) (DOHC)		93-97			1,1	IK20	062120040304
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TAURUS

2.5 i	78	L4 4,N (CFi)		85-92	T16EPR-U	062110600304	1,1		
3.0 i SHO	164	V-6		88-95	T16EPR-U	062110600304	1,0		
3.0 i	108	V-6		89-95	T16EPR-U	062110600304	1,0		

FREIGHT ROVER

SHERPA

1.7	45	OHC		78-86	T20EPR-U	062110320304	0,8		
1.7	45	Pro.Ign.		86-89	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0	51	OHC		78-86	T20EPR-U	062110320304	0,8		
2.0	51	Pro.Ign.		86-89	W22EPR-U	062110430304	0,8		
3.5 V-8	105	Rover		86-89	W16EPR-U	062110350304	0,8		

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ACCORD										
1.6 1600	59	EG			→01/79			0,8	IW20	062120070304
1.6 (1) 1600		EF 1 (CVCC)			76-78			1,1	IW20	062120070304
1.6 (1) 1600	59	EG			→01/79			0,8	IW20	062120070304
1.6 (1 - SJ) 1600	59	EL			79-01/84			0,8	IW20	062120070304
1.6 (2 - AC) 1600 12V	65	EZ 1 (SOHC)			01/84-10/85			1,1	IW20	062120070304
1.6 (7 - CG) i 16V	85	D 16 B6 (SOHC)			09/98 →	KJ16CR-L11	062110150304	1,1	IK20	062120040304
1.8 (1 - SY) 1800	72				83			0,8	IW20	062120070304
1.8 (2 - AD) 1600 12V	72	ET (SOHC)			01/84-10/85			1,1	IK20	062120040304
1.8 (4 - CB3)	77	F 18 A2			89-92	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.8 (6 - CE7) i 16V	85	F 18 A3 (SOHC)			03/96-10/98	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.8 (7 - CG, CH) i 16V	98	F 18 B2 (VTEC) (KY)	Leaded fuel		09/98 →	KJ16CR-L11	062110150304	1,1	IK20	062120040304
1.8 (7 - CG, CH) i 16V	98	F 18 B2 (VTEC)			09/98 →	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (3 - CA4, 5) 2000 .. / i 12V	78	A 20 A1, A 20 A2, A 20 A3, A 20 A4	W/W Cat		86-90			1,1	IK20	062120040304
2.0 (3 - CA4, 5) 2000 16V	98-101	B20A2 / B20A8 (DOHC)	W/W Cat		87-90	Q20PR-U11	062110260304	1,1	IK20	062120040304
2.0 (4 - CB3) 12V	85-90	A 20 A3 / A 20 A4	W/W Cat		01/86-90			1,1	IK20	062120040304
2.0 (4 - CB3) 16V	66-82	F 20 A6 / F 20 A2 (SOHC)			01/90-03/93	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (4 - CB3) i 16V	85	F 20 A3 / A5			89-03/93	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (4 - CB3) i 16V	99	F 20 A4 / F 20 A8	Cat		01/90-03/93	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (4 - CC9) i 16V	98	F 20 Z3 (SOHC)			11/92-07/94	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (5 - CC7) i 16V	85	F 20 Z2 (-Z1) (SOHC)			03/93-03/96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (5 - CC1, 7) i 16V	98	F 20 A7 (SOHC)			03/92-03/96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (5 - CD9, CE2) i 16V	100	F 20 B3 (SOHC)			05/94-98	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (6 - CE8) i 16V	96	F 20 Z1 (SOHC)			03/96-10/98	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (7 - CG, CH) i 16V	108	F 20 B5 / -B6 (VTEC)			09/98 →	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 (8 - CL7, 8) i 16V	114	K 20 A (DOHC i-VTEC)			01/03 →			1,1	IK20	062120040304
2.2 (4 - CB7, 8) i 16V	108-110	F 22 A7 / A8 (SOHC)			89-03/93	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.2 (4 - CB7) i 16V	110	F 22 A3 (SOHC)			01/90-03/93	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.2 (5 - CD7, CE1) i 16V	110	F 22 B5 (SOHC)			05/94-98	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.2 (6 - CE9) i 16V VTEC	110	F 22 Z2 (S VTEC)			03/96-10/98	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.2 (7 - CG) i 16V TYPE-R	158	H 22 A7 (DOHC VTEC)	Iridium power		09/98 →			1,1	IK20	062120040304
2.3 (5 - CC7) i 16V	116	H 23 A3 (DOHC)			03/93-03/96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.3 (7 - CH) i 16V	110	F 23 A 7			98 →	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.3 (7 - CG, CH) i 16V		F 23 Z 5 (SOHC)			01/01 →	KJ20CR-L11	062110160304	1,1	IK20	062120040304
3.0 (7 - CG2) i V-6 24V	144	J 30 A1 (SOHC VTEC)			09/97 →	KJ16CR-L11	062110150304	1,1	IK20	062120040304
BEAT (PP1)										
0.66 i 12V	47	E 07 A (MTREC) (660cc)	(J)		91-98	K20PR-U11	062110080304	1,1	IK20	062120040304
CAPA										
2.3 i 16V	72	F 23 A 7			98 →	KJ20CR-L11	062110160304	1,1	IK20	062120040304
CIVIC										
1.2 (1) 1200	40	EB 1 / EB 2 (OHC)			74-79	W20EPR-U	062110390304	0,8	IW20	062120070304
1.2 (1) 1200	44	EB 3 (OHC)			01/78-79	W20EPR-U	062110390304	0,8	IW20	062120070304
1.2 (1) 1200					79-86	W20EPR-U	062110390304	0,8	IW20	062120070304
1.2 (2) 1200	40	ZA 2			01/84-10/87			1,1	IW20	062120070304
1.2 (3) 1200		D12 B1 (ED 1)			10/87-09/91	Q20PR-U11	062110260304	1,1		
1.3 (1) 1300	44	EN (1)			01/79-83	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (1) 1300	33	EN 2			80-01/84	W20EPR-U	062110390304	0,8	IW20	062120070304



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CIVIC										
1.3 (1) 1300 S	51	EN 4			01/82-01/84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2) 1300 12V	51-59	EV 2 (OHC)			01/84-10/87			1,1	IW20	062120070304
1.3 (3) 1300 16V	55	D 13 B1			10/87-10/91	Q20PR-U11	062110260304	1,1		
1.3 (4) 16V DX	55	D 13 B2	Cat		10/91-11/95	K20PR-U11	062110080304	1,1	IK20	062120040304
1.3 (4) i 16V DXi	55	D 13 B3	W/W Cat		10/91-11/95	K16PR-U11	062110030304	1,1	IK20	062120040304
1.4 (3) 1400 i 16V	66	D 14 A1			10/87-91	Q20PR-U11	062110260304	1,1		
1.4 (4) i 16V	66	D 14 A2	Cat		02/94→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.4 (5) i 16V	55	D 14 Z3 (SOHC)			'99→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 (5) i 16V	66	D 14 Z4 (SOHC)			'99→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 (5) i 16V	66	D 14 Z8 (SOHC)	(U.K. production)		'96-'98	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 (5) i 16V	55	D 14 A3 / A7			11/95-01	K20PR-U11	062110080304	1,1	IK20	062120040304
1.4 (5) i S 16V	66	D 14 A4 / A8			11/95-01	K20PR-U11	062110080304	1,1	IK20	062120040304
1.4 (5) i 16V	66	D 14 Z2 / Z4			'99→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 (5) i S 16V	66	D 14 A4			11/95-01	K20PR-L11	062110510304	1,1	IK20	062120040304
1.4 (6) i 16V	66	D 14 Z6 SOHC (VTEC)			01/01→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 (7) i 8V	61	L13 A7			01/06→			1,1	IK20	062120040304
1.5 (1) 1500	51	EC (... / CVCC)			→01/77			0,8	IW20	062120070304
1.5 (1) 1500		EE			'77-'83			0,8	IW20	062120070304
1.5 (2) 1500 12V	61-81	EW 2 - EW 3	W/W Cat		'84-'88			1,1	IW20	062120070304
1.5 (2) 1500 i 12V GT	69-74	EW 3 / EW4	W/W Cat		'85-'88			1,1	IW20	062120070304
1.5 (3) 1500 i	66	B 15 B3 / B 15 B4			10/88-10/91	Q20PR-U11	062110260304	1,1		
1.5 (3) 1500 i	66	D 15 B2			10/88-10/91	Q20PR-U11	062110260304	1,1		
1.5 (4) i 16V LSi / DXi	66	D 15 B2	Cat		10/91-02/94	K20PR-U11	062110080304	1,1	IK20	062120040304
1.5 (4) i 16V VEi	66	D 15 Z1 (SOHC VTEC-E)	Cat		10/91-02/94	KJ16CR-L11	062110150304	1,1	IK20	062120040304
1.5 (4) i 16V VTEC	74	D 15 B7 (MPi VTEC-S)	Cat		'94→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.5 (5) i 16V VTEC-E	66	D 15 Z3 (SOHC VTEC-E)	(U.K. production)		'94-'97	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.5 (5) i LS 16V	74	D 15 B7 (SOHC) (MPI)			09/93-04/96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.5 (5) i 16V	84	D 15 Z8 (SOHC VTEC-E)	(U.K. production)		01/97→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.5 (5) i LS 16V	84	D 15 Z6 / Z8			11/95-01	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.5 (5) i LS 16V	83	D 15 Z6 (VTEC-E)			11/95-01	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 (3) 1600 i 16V	80	D 16 A6			10/87-01/90	Q20PR-U11	062110260304	1,1		
1.6 (4) 1600 i 16V	80	D 16 Z2 / D 16 Z9 (DOHC)			01/90-11/95	Q20PR-U11	062110260304	1,1		
1.6 (4) i 16V Esi	92	D 16 Z6 ..Z7 (SOHC VTEC)	Cat		10/91→	K20PR-L11	062110510304	1,1	IK20	062120040304
1.6 (4) i 16V VTi	118	B 16 A2 (DOHC VTEC)	Cat		10/91-11/95	K20PR-L11	062110510304	1,1	IK20	062120040304
1.6 (4) i 16V VTEC	110	B 16 A1 (DOHC VTEC)			01/90-10/91	K20PR-L11	062110510304	1,1	IK20	062120040304
1.6 (5) i ESi 16V	92	D 16 Z9 (VTEC)			09/93-04/96	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 (5) i 16V VTEC (i)	93	D 16 Y2 (VTEC)	(U.K. production)		'94-'97	K20PR-L11	062110510304	1,1	IK20	062120040304
1.6 (5) i 16V S-VTEC (i)	83	D 16 Y3 (VTEC-S)	(U.K. production)		'94-'97	K20PR-L11	062110510304	1,1	IK20	062120040304
1.6 (5) i 16V	85	D 16 B2 (SOHC)	(U.K. production)		01/97→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 (5) i 16V	77	D 16 W1 / Y7 (SOHC)	(U.K. production)		'99→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 (5) i LS 16V	84	D 16 B2 / W3 / Y5 (VTEC)			11/95-01	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 (5) i SR 16V	92	D 16 Y8 (SOHC VTEC)			03/96-01	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 (5) i VTi 16V	118	B 16 A2 / D 16 A2 (DOHC VTEC)			11/95-01	K20PR-L11	062110510304	1,1	IK20	062120040304
1.6 (5) i 16V TYPE-R (RHD)	136	B 16 B (DOHC VTEC)	(Japan)		08/97-02	PK22PR-L11S	062110590304	1,1		
1.6 (6) i 16V	81	D 16 (V1) SOHC (VTEC)			01/01→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 (6) i 16V	81	D 16 (V1) SOHC (VTEC) (KY)	Leaded fuel		01/01 →	K20PR-L11	062110510304	1,1	IK20	062120040304

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Note


SHORT CODE

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SHORT CODE

HONDA

CIVIC									
1.6 (6) i 16V	88	D 17 A6 (SOHC)		'01→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.6 (6) i 16V	92	D 17 A6 (VTEC)		'01→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.8 (5) i 16V VTS / VTi	124	B 18 C4 (DOHC VTEC)	(U.K. production)	03/97→	K20PR-L11	062110510304	1,1	IK20	062120040304
1.8 (5) i VTi 16V	124	D 18 C4 (DOHC VTEC)		'97-'01	K20PR-L11	062110510304	1,1	IK20	062120040304
CIVIC CRX									
1.5 (1 - AF) 1500 i 12V	74	EW 3 (SOHC)		'84-'88			1,1	IW20	062120070304
1.6 (1 - AS) 1600 i 16V	90-99	ZC 1 (DOHC)		'85-'88	Q20PR-U11	062110260304	1,1		
1.6 (2 - ED9) 1600 i 16V	80	D 16 A8 / D 16 A9 (DOHC)		12/87-10/88	Q20PR-U11	062110260304	1,1		
1.6 (2 - ED9) 1600 i 16V	88-96	D 16 Z5		10/88-'92	Q20PR-U11	062110260304	1,1		
1.6 (2 - EE8) 1600 i 16V VTEC	110	B 16 A1 (VTEC)		04/90-04/92	K20PR-L11	062110510304	1,1		
1.6 (3 - EH6) i 16V ESi (./ Targ)	92	D 16 Z6 (SOHC VTEC)		04/92 →	K20PR-L11	062110510304	1,1		
1.6 (3 - EG2) i 16V VTi (./ Targ)	118	B 16 A2 (DOHC VTEC)		04/92 →	K20PR-L11	062110510304	1,1		
CIVIC SHUTTLE									
1.4 (2 - EE) 1400 16V	66	D 14 A1 (SOHC)		'88-'91	Q20PR-U11	062110260304	1,1		
1.5 (1 - AN) 1500 12V .. / 4x4	61-66	EW 2 (SOHC)		01/84-01/88			1,1	IW20	062120070304
1.5 (2 - EE) 1500 i .. / 4x4	66	D 15 B2		12/87-01/90	Q20PR-U11	062110260304	1,1		
1.6 (2 - EE) 1600 i 16V 4x4	80	D 16 A6 / D 16 A7	Cat	12/87-'89	Q20PR-U11	062110260304	1,1		
1.6 (2 - EE) 1600 i 16V 4x4	81	D 16 Z2 (ALB)	Cat	'90-02/95	Q20PR-U11	062110260304	1,1		
2.2 (3 - RA) 2200 i 16V		F22 B 8 SOHC		06/95→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
CONCERTO (HW)									
1.4 16V GL	66	D 14 A1 (SOHC)		'90-'93	Q20PR-U11	062110260304	1,1		
1.5 LXi	66	D 16 B2		'91-'92	Q20PR-U11	062110260304	1,1		
1.5 i 16V S	66	D 15 B2 (SOHC)		01/90-'95	Q20PR-U11	062110260304	1,1		
1.6 16V	78	D 16 Z1 (SOHC) (Carb.)		'90-03/95	Q20PR-U11	062110260304	1,1		
1.6 i 16V .. / EXi	82-96	D 16 A8 /..A9 /..Z4 (DOHC)		01/90-03/95	Q20PR-U11	062110260304	1,1		
1.6 i 16V	80	D 16 Z2 (SOHC)		01/90-03/95	Q20PR-U11	062110260304	1,1		
CR-V (RD)									
2.0 i 16V (./ 4x4)	92	B 20 B3 (DOHC)		'97→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
2.0 i 16V (./ 4x4)	108	B 20 Z1 (DOHC)		03/99-10/01	KJ20CR-L11	062110160304	1,1	IK20	062120040304
FR-V									
1.7 i 16V V-TEC	92	D 17 A2 (SOHC V-TEC)		01/05→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 i 16V V-TEC	110	K 20 A9 (DOHC i V-TEC)		01/05→			1,1	IK20	062120040304
HR-V (GH)									
1.6 i 16V (./ 4x4)	77-91	D 16 W1 (SOHC)		09/98→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
INTEGRA									
1.5 (DA) 1500 12V	56-63	D 15 A1 (SOHC) (Carb.)		'85-'90			0,8	IW20	062120070304
1.6 (DA) 1600 .. / i	73-92	D 16 A2 (DOHC)	W/W Cat	'85-'90	Q20PR-U11	062110260304	1,1		
1.8 (DC) i 16V	140	B 18 C6 (VTEC) (B18C3)		10/97→	PK22PR-L11S	062110590304	1,1		
JAZZ									
1.1 (AA) 1100	33	ER 3		'83-'87	W16EXR-U11	062110620304	1,1		
1.2 (AA) 1200	33-41	ER 1 / ER 2 / ER 4		'83-'87	W16EXR-U11	062110620304	1,1		
1.2 (GD) i	57	L 12 A1 (SOHC i-DSI)	Twin spark"	09/01 →	K20PR-U11	062110080304	1,1	IK20	062120040304
1.2 (GD) i 8V	57	L 12 A1		03/02→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.4 (GD) i	61	L 13 A1 (SOHC i-DSI)	Twin spark"	09/01 →	K20PR-U11	062110080304	1,1	IK20	062120040304
1.4 (GD) i 8V	61	L 13 A1		03/02→	K20PR-U11	062110080304	1,1	IK20	062120040304



		kW		Note			SHORT	CODE	Gap		SHORT	CODE
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HONDA

LAGREAT (GH-RL1)

3.5 i V-6 24V	151	J 35 A (SOHC)	(USA)	10/98→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
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LEGEND

2.5 (HS) 2500 i V-6 24V	110-127	C 25 A1 / C 25 A2 (V-6 SOHC)		→'87	Q20PR-U11	062110260304	1,1		
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2.7 (KA3 / KA4) 2700 i V-6 24V	124-132	C 27 A1 / C 27 A2 (V-6 SOHC)		11/87-10/90	Q20PR-U11	062110260304	1,1		
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LOGO (GA3 /4)

1.3 i	48	D 13 B7 (SOHC)		01/98→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
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ODYSSEY

2.2 i 16V 4WD	103	MPI		'96→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
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PASSPORT

2.6 i		4ZE1 (4 Cyl)	(USA)	'96→	W16EXR-U11	062110620304	1,1		
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3.2 i V-6		6VD1 (V-6 MFI)	(USA)	'98→			1,1	IK16	062120030304
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PRELUDE

1.6 (1 - SN) 1600	59	EL (SOHC)		12/78-12/82	W16EPR-U	062110350304	0,8		
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1.6 (1 - SN) 1600	59	EL (SOHC)	Fast driving	12/78-12/82	W20EPR-U	062110390304	0,8	IW20	062120070304
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1.8 (1 - SN) 1800	78	ET 1		'83	W20EPR-U	062110390304	0,8	IW20	062120070304
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1.8 (2 - AB) 1800 12V	74-92	ET (SOHC)		'84-'87			1,1	IW20	062120070304
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2.0 (3 - BA) 2000 i 16V	80	B 20 A1		01/86-'87	Q20PR-U11	062110260304	1,1		
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2.0 (3 - BA) 2000	81	B 20 A3		'87-'92	Q20PR-U11	062110260304	1,1		
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2.0 (3 - BA) 2000 i 16V	80-82	B 20 A7 / B 20 A4 (12V)		10/87-'91	Q20PR-U11	062110260304	1,1		
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2.0 (3 - BA) 2000 i 16V	101-110	B 20 A5		'87-'92	Q20PR-U11	062110260304	1,1		
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2.0 (3 - BA4) 2000 i 16V	103	B 20 A9	Cat	03/90-01/92	Q20PR-U11	062110260304	1,1		
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2.0 (4 - BB3) i 16V	98	F 20 A4		11/91-11/96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
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2.0 (5 - BB9) i 16V	98	F 20 A4		11/96→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
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2.3 (4 - BB2) i 16V	118	H 23 A2 (DOHC)		'91-'96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
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QUINTET (SU)

1.6 1600	59	EL (SOHC)		01/80-'84	W16EPR-U	062110350304	0,8	IW20	062120070304
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SHUTTLE (RA)

2.2 i 16V	110	F 22 B 8 (SOHC)		'95→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
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STREAM (RN)

1.7 i 16V	92	D 17 A2 (DOHC VTEC)		01/01→	KJ20CR-L11	062110160304	1,1	IK20	062120040304
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S 2000

2.0 i 16V	176	F 20 C2 (DOHC VTEC)		'99→	PK22PR-L11S	062110590304	1,1		
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S-MX (MPV)

2.0 i	96	B 20 B (PGM F1)	(J)	'97→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
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TODAY

0.66 i 12V	35-42	JA 4 / JA 5 (660cc)		'93→	K20PR-U11	062110080304	1,1	IK20	062120040304
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0.66	35-42	MPI (660cc)	(J)	'96→	K20PR-U11	062110080304	1,1	IK20	062120040304
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HUMMER

H3

3.5 i 20V	160-170	Vortec 3500	5-Cyl	04/05→	PT16VR13	062110220304	1,3	ITV16	062120060304
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HYUNDAI

ACCENT / EXCEL

1.3 12V	44	G 4 BG	Leaded fuel	'94→	K16PR-U	062110020304	0,8	IK16	062120030304
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1.3 i 12V	44	G 4 BG		'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
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HYUNDAI

ACCENT / EXCEL

1.3 i 12V	55	G 4 EH		'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.3 i 12V	61	G 4 EH / G 4 N		'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.3 i 12V	55-64	G 4 EA (Alpha)		'00→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 12V	65	G 4 EK (Alpha)		'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 16V (GT)	73	G 4 FK (DOHC)		12/'95→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 12V	66	G 4 EB (Alpha)		'00→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 16V (GT / LC)	75	G 4 EA (DOHC)		06/'00→	K16PR-U11	062110030304	1,1	IK16	062120030304

ATOS / ATOZ / AMICA

0.8 i 12V		G 4 HA		01/'98→	K20PR-U	062110070304	0,8	IK20	062120040304
1.0 i 12V (VF5N)	40	G 4 HC (G 4 BC)		01/'98→	K16PR-U11	062110030304	1,1	IK20	062120040304
1.1 i 12V	44			06/'03→	K16PR-U11	062110030304	1,1	IK16	062120030304

COUPE

1.6 i 16V	84	G 4 GR (Beta)		'97-'02	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 i 16V .. / FX	102	G 4 F / G 4 GF (DOHC)		'96-'99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 i 16V	113	G 4 GF (DOHC)		'99-'02	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 i 16V	113	G 4 GF (DOHC)		01/'02→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.7 i V-6 24V	120	G 6 BA (DOHC) (Deta)		01/'02→	PK16PR11	062110170304	1,1		

ELANTRA / AVANTE

1.6 i 16V	79	G 4 ED (G) (DOHC)		06/'00→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 i 16V	97	G 4 GM (Beta) (DOHC)		06/'00→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 i 16V	104	G 4 GC (G) (DOHC)		06/'00→	K16PR-U11	062110030304	1,1	IK16	062120030304

EXCEL

1.3 1300	53	4 G 13		'89-'10/'94	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.3 i	44	4 G EH	Cat	10/'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.3 i	55	4 G EH	Cat	10/'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 1500	62	4 G 15		'89-'10/'94	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5 1500 i	62	4 G 15		'89-'10/'94	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5 i GS	65	4 G EK	Cat	10/'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i	73			12/'95→	K20PR-U11	062110080304	1,1	IK20	062120040304

GETZ (BU..)

1.1 i 12V	46	SOHC (1086cc)		08/'02→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.3 i 12V	60-63	G 4 EA (SOHC) (Alpha)		08/'02→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.6 i 16V	77	G 4 .. (DOHC) (Alpha)		08/'02→	K16PR-U11	062110030304	1,1	IK16	062120030304

GRANDEUR

2.0 2000 i	88	4 G 63		'86→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.4 2400 i	95	4 G 64		'87→	W16EPR-U	062110350304	0,8		

H-1 / STAREX

2.4 i 16V SPORT	82	G 4 CS		03/'97→	W20EPR-U11	062110400304	1,1	IW20	062120070304
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H-100 (FD17G)

2.4 i 16V	82	G 4 CS		09/'93-'08/'96	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.4 i 16V	82	G 4 CS		08/'96→	W20EPR-U11	062110400304	1,1	IW20	062120070304

H-200

2.4 i	82			09/'97→	W20EPR-U11	062110400304	1,1	IW20	062120070304
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LANTRA

1.5 (1 - J1) i	53-64	G 4 DJ / G 4 15		10/'90-'10/'95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5 (2 - J2) i 12V	62-68	G 4 DJ / G 4 DJ-S		10/'95-'09-'00	W20EPR-U11	062110400304	1,1	IW20	062120070304


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LANTRA

1.5 (2 - J2) i 12V	62-68	G 4 EK		10/95-09-00	K16PR-U11	062110030304	1,1	IK16	062120030304
1.6 (1 - J1) i 16V	78-84	G 4 CR		10/90-10/95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.6 (2 - J2) i	66-84	G 4 GR / 4 G 16		10/95-09-00	K16PR-U11	062110030304	1,1	IK16	062120030304
1.6 (3) i 16V	84	G 4 ED-G		09/00→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 (1 - J1) i 16V	91-93	G 4 CN		10/90-10/95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 (2 - J2) i GT 16V	94	G 4 GM		10/95-09-00	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 (2 - J2) i 16V	102	G 4 GF		08/96-09-00	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 (3) i 16V	102	G 4 GC-G		09/00→	K16PR-U11	062110030304	1,1	IK16	062120030304

MATRIX / LAVITA

1.6 i 16V	76	G 4 GB (DOHC)		'00→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 i 16V	97	G 4 GM (Beta) (DOHC)		'00→	K16PR-U11	062110030304	1,1	IK16	062120030304

PONY

1.2 (1)	40	Mitsubishi (4 G 36)		'74-'85	W16EP-U	062110360304	0,7		
1.3 (1)	49	G 4 AG (G 13 B)		10/85-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2)	53	G 4 M		08/91→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2) (VD2M)	43	G 4 DG	Cat	08/91→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2) i (Gsi)	62	G 4 EH	Cat	09/90→	K16PR-U11	062110030304	1,1	IK20	062120040304
1.4 (1)	50	Mitsubishi (4 G 33)		'74-'85	W16EP-U	062110360304	0,7		
1.5 (1)	52	G 4 AJ (G 15 B)		10/85-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 (2)	53	G 4 DJ		08/91→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 (2)	53	G 4 (DJ) (El Carb.)	Cat	08/91→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 (2) i	62	G 4 DJ-S (Mpi)	Cat	08/91→	W20EPR-U11	062110400304	1,0	IW20	062120070304
1.6 (1)	54	Mitsubishi		'74-'85	W20EPR-U	062110390304	0,8	IW20	062120070304

PRIMA GRAND

2.0 2000	88	4 G 63		'86→	W20EPR-U	062110390304	0,8	IW20	062120070304
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PRIMA STELLAR

1.6		4 G 32		'85-'87	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8	60	4 G 62		'85-'87	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0	67	4 G 63 / 4 G 32		'85-'87	W20EPR-U	062110390304	0,8	IW20	062120070304

S-COUPÉ

1.5 i 12V	63	G 4 DJ	Cat	08/91→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 12V	65	G 4 EK	Cat	06/92→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 12V Turbo / GT	85-88	G 4 EK-TC		10/92→	K20PR-U	062110070304	0,8	IK20	062120040304

SANTA FÉ (SM)

2.0 i 16V	99	(DOHC) Mpi		'01→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.7 i V-6 24V	127	G 6 A / G 6 BA (DOHC)		'01→	PK16PR11	062110170304	1,1		

SATELLITE

2.4 i GL / GLS	82			09/97→	W20EPR-U11	062110400304	1,1	IW20	062120070304
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SONATA

1.8 (1 - AF) i	73	G 62 B		'89-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 (1 - AF) i	70	G 62 B (G 4 CM)	Cat	'89-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 (2 - CF/DF) i	70	G 4 M	Cat	07/93-'98	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 (3 - EF) i	70	G 4 M		05/96-'01	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (1 - AF) i	76	4 G 63		'89-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (1 - AF) i	74	4 G 63 (G 4 CD)	Cat	'89-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (1 - AF) 16V	96	G 4 CP (-D)	Cat	08/91-07/93	W20EPR-U11	062110400304	1,1	IW20	062120070304

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HYUNDAI

SONATA

2.0 (2 - CF/DF) i	74-77	G 4 P (T) / G 4 CP (SOHC)	Cat	07/93-98	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (2 - CF/DF) i 16V	102	G 4 CP-D (DOHC) (MPi)	Cat	07/93-98	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (3 - EF) i	105	G 4 CP (-D) (SOHC)		05/96-01	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (3 - EF) i 16V	102	G 4 CP (DOHC)		05/96-01	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (4) i 16V	100	G 4 JP (DOHC) Sirius II		10/01→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.4 (1 - AF) i	86	4 G 64		'89-93	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.4 (1 - AF) i	82	4 G 64	Cat	'89-92	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.4 (5) i CVT	118			01/05→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.5 (3 - EF) i V-6 24V	118	G 6 BV-EG (DOHC) (Deta)		08/98-01	PK16PR11	062110170304	1,1		
2.5 (4) i V-6 24V	118	G 6 BV-EG (DOHC) (Deta)		08/98→	PK16PR11	062110170304	1,1		
2.7 (4) i V-6 24V	120	G 6 BA (DOHC) (Deta)		10/01→	PK16PR11	062110170304	1,1		

STELLAR

1.4	50-52	Mitsubishi		09/83-91	W16EPR-U	062110350304	0,8		
1.6	54-56	G 32 B / GE		09/83-91	W16EPR-U	062110350304	0,8		
2.0	61-68	G 63 B		09/83-12/88	W20EPR-U	062110390304	0,8	IW20	062120070304

TERRACAN

3.5 i V-6 24V	147			7/01			1,1	IK16	062120030304
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TRAJET

2.0 i 16V	100	Sirius (DOHC)		'00→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.7 i V-6 24V	125	G 6 A / G 7 BA (DOHC)		'00→	PK16PR11	062110170304	1,1		

TUCSON (JM)

2.0 i 16V	104			08/04→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.7 i V-6	129			08/04→	K16PR-U11	062110030304	1,1	IK16	062120030304

XG

2.5 -250 i V-6	120	G 6 CT (DOHC)		12/98→	PK16PR11	062110170304	1,1		
3.0 -300 i V-6 24V	138	G 6 CT (DOHC)		'99→	PK16PR11	062110170304	1,1		
3.5 -350 i V-6 24V	145			03/03→			1,1	IK16	062120030304

INNOCENTI

ELBA

1.3	49	146 A5.000		'91-08/93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 i.e.	49	146 C5.000		09/93-97	W20EPR-U	062110390304	0,9	IW20	062120070304
1.5 i.e.	56	149 C1.000	Cat	'92-08/93	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 i.e.	55	146 C6.000	Cat	09/93-97	W20EPR-U	062110390304	0,8	IW20	062120070304

KORAL YUGO

0.9 45	33	100 GL 064		10/90→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 55	40	128A064		10/90→	W20EPR-U	062110390304	0,8	IW20	062120070304

ISUZU

CAMPO

2.3 2300 .. / 4 WD	66	4 Z D1		04/88-93	W20EPR-U	062110390304	0,8	IW20	062120070304
2.3 i 2300 .. / 4 WD	69	4 Z D1	Cat	04/88-93	W20EPR-U11	062110400304	1,1	IW20	062120070304

COMO (VAN)

2.0 i		K 20 DE	E-LEV	'02→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.4 i		K 24 DE	G-LEV	'02→	K16PR-U11	062110030304	1,1	IK16	062120030304



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ISUZU

MIDI

2.0 .. / 4 WD		4 ZC 1		09/'88→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0	61	G 200 Z	Cat	'89→	W20EPR-U	062110390304	0,8	IW20	062120070304

PIAZZA

2.0 Turbo	111	4 ZC 1		'81→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 Turbo	133	4 ZC 1	Cat	'85→	W20EPR-U11	062110400304	1,1	IW20	062120070304

PICK - UP

1.6	59	G 161 Z		'83→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.9	58	G 200 Z		'84→	W20EPR-U	062110390304	0,8	IW20	062120070304

RODEO (BIG HORN)

2.3	66	4 ZD 1		'88→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.3	66	4 ZD 1	Cat	'88→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.6	85	4 ZE 1	Cat	10/'87→	W20EPR-U11	062110400304	1,1	IW20	062120070304
3.2 i TL(GF-UES25FW)		6 V D1 (V-6)		07/'98→			1,1	IK16	062120030304
3.5 i V-6 24V		6 V E1		→08/'95	K20PR-U11	062110080304	1,1	IK20	062120040304
3.5 i V-6 24V		6 V E1		09/'95→	PK16PR11	062110170304	1,1		

TROOPER

2.0		G 200 Z		01/'83-10/'91	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0		4 Z C1		'88-'91	W20EPR-U	062110390304	0,8	IW20	062120070304
2.3	66	4 ZD 1		→'87	W20EPR-U	062110390304	0,8	IW20	062120070304
2.3	66	4 ZD 1		11/'85→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.3	66	4 ZD 1	Cat	01/'87→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.6	85	4 ZE 1		10/'87→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.6 i	85	4 ZE 1	Cat	10/'87→	W20EPR-U11	062110400304	1,1	IW20	062120070304
3.2 i 24V .. / 4 WD	129	6 V D1 (MFI)	Cat	10/'91-08/'95	K20PR-U11	062110080304	1,1	IK20	062120040304
3.5 i V-6 24V	158	6 V E1 (Efi SOHC)		09/'95→			1,1	IK16	062120030304

V-CROSS

3.2 i V-6	158	6V D1 (DOHC)	(J)	03/'97→			1,1	IK16	062120030304
3.5 i V-6 24V		6 V E1		03/'97→			1,1	IK16	062120030304

JAGUAR

DAIMLER

3.6	136-165	AJ 6.4	W/W Cat	'86-'89	Q20PR-U	062110250304	0,6	IK20	062120040304
4.0	163-175	AJ6	W/W Cat	'89→	Q20PR-U	062110250304	0,6	IK20	062120040304

E-TYPE

3.8		XK		'62-'80	W16EP-U	062110360304	0,6		
4.2		XK		'62-'80	W16EP-U	062110360304	0,6		
5.3 V-12				'86-'89	W16EP-U	062110360304	0,9		

S-TYPE

3.4				'64-'75	W16EP-U	062110360304	0,6		
3.8				'64-'75	W16EP-U	062110360304	0,6		
4.0 i V-8 32V	203	AJ V-8 32V (GC)		10/'98→	PK16PR11	062110170304	1,1		
4.2 i V-8 32V	219	AJ V-8 32V		04/'02→	PK16PR11	062110170304	1,1		

SOVEREIGN

3.2 24V	149-161	AJ 6		'90→	Q20PR-U	062110250304	0,9	IK20	062120040304
3.6	135-170	AJ 6	W/W Cat	'86-'89	Q20PR-U	062110250304	0,9	IK20	062120040304
4.0 24V	163-177	AJ 6 DOHC	W/W Cat	'89→	Q20PR-U	062110250304	0,9	IK20	062120040304

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

SHORT

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JAGUAR

SOVEREIGN									
Engine	kW	Model	Note	Year	Part No.	Code	Gap	Part No.	Code
5.3 V-12	217	HE		'81→	T22EP-U	062110340304	0,6		
XJ - 6									
2.8				'68-'85	W20EP-U	062110410304	0,7	IW20	062120070304
3.2 24V	146-161	AJ 6		'90→	Q20PR-U	062110250304	0,9	IK20	062120040304
3.4	120	XK		'75-'86	W16EP-U	062110360304	0,9		
3.6	136-170	AJ 3.6 - AJ 6.3	W/W Cat	'86-'89	Q20PR-U	062110250304	0,9	IK20	062120040304
4.0 24V	163-177	AJ 6 DOHC	W/W Cat	'89→	Q20PR-U	062110250304	0,9	IK20	062120040304
4.2	125	XK Carb		'69-02/'79	W16EP-U	062110360304	0,6		
4.2	147	XK EFI		03/'79-'86	W20EP-U	062110410304	0,9	IW20	062120070304
XJ - 8									
3.2 i V-8 32V	174-176	AJ 26		09/'97-09/'98			1,3	IK16	062120030304
3.2 i V-8 32V	174-176	AJ 26		09/'98-03/'00	PK16PR11	062110170304	1,3		
3.2 i V-8 32V	174-176	AJ 26		03/'00-03/'02	PK16PR11	062110170304	1,1		
XJ - 12									
5.3 V-12	183			'73-'75	W20EPR-U	062110390304	0,9	IW20	062120070304
5.3 V-12	220	HE		'82-'90	T22EP-U	062110340304	0,6		
5.3 V-12	187-197			'91→	T22EP-U	062110340304	0,6		
6.0 V-12	234		Cat	'92→	T22EP-U	062110340304	0,6		
XJ - S									
3.2 24V	146-161	AJ 6 OHC		'90→	Q20PR-U	062110250304	0,9	IK20	062120040304
3.4	120	XK		'75-'86	W16EP-U	062110360304	0,9		
3.6	146-165	AJ 3.6 - AJ 6.4	W/W Cat	'83-'91	Q20PR-U	062110250304	0,6	IK20	062120040304
4.0 24V	163-177	AJ 6 DOHC	W/W Cat	'91→	Q20PR-U	062110250304	0,9	IK20	062120040304
4.2	147	XK EFI		03/'79-'86	W20EP-U	062110410304	0,9	IW20	062120070304
5.3 V-12	217	HE		'81-'90	T22EP-U	062110340304	0,6		
5.3 V-12	204-211	HE	W/W Cat	'91→	T22EP-U	062110340304	0,6		
6.0 V-12	222-227			'93→	T22EP-U	062110340304	0,6		
XJ - V8									
3.2 i	176	AJ V-8 32V		09/'97-09/'98	K20PR-ZU11	062110090304	1,2	IK20	062120040304
3.2 i	176	AJ V-8 32V		10/'98→	PK20PR-P11	062110570304	1,1		
4.0 i	216	AJ V-8 32V		09/'97-09/'98	K20PR-ZU11	062110090304	1,3	IK20	062120040304
4.0 i	216	AJ V-8 32V		10/'98→	PK20PR-P11	062110570304	1,1		
XK - 140									
3.4		6 Cyl DOHC	19.0 rthread	'54-'57	W16EP-U	062110360304	0,6		
XK - 8 (X100)									
4.0 i	216	AJ 26 (V-8 32V)		'96-09/'98	K20PR-ZU11	062110090304	1,2	IK20	062120040304
4.0 i	216	AJ 26 (V-8 32V)		10/'98→	PK20PR-P11	062110570304	1,1		
4.0 -R i	267	V-8 32V Superchargd		10/'97 →	PK20PR-P11	062110570304	1,1		
XJR									
4.0 i	272	AJ V-8 32V Superchargd		09/'97 →	PK20PR-P11	062110570304	1,1		
6.0 i V-12	248			'89→	T22EP-U	062110340304	0,6		



		kW		Note		SHORT	CODE	Gap	SHORT	CODE
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JEEP (EUROPE)

CHEROKEE

3.7 i V-6 24V (LIBERTY)	155	V-6 <K >		09/'01 →		KJ20CR-L11	062110160304	1,1	IK20	062120040304
4.0 i L-6	126	XJ		'87-'90		Q20PR-U11	062110260304	1,1		
4.0 i L-6	130	MPI <S >		'95-'01				0,9	IK16	062120030304
5.2 i V-8	158			'90-'01		K16PR-U	062110020304	0,9	IK16	062120030304
5.2 i V-8	156	MPI <Y >		10/'95-'01				1,1	IK16	062120030304

CJ - 7

2.0 Stand. / Renegade	61-63	Renaut J 5 R-800		10/'83-'12/'86		W20EPR-U	062110390304	0,6	IW20	062120070304
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COMANCHE

4.0 L-6	125	MPI <M >		01/'88-'92		Q20PR-U	062110250304	0,7	IK20	062120040304
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GRAND CHEROKEE

4.0 L-6	136-140	MPI <S >		92 →				0,9	IK16	062120030304
4.7 V-8	190	V-8 <Y > <N > (MPI)		04/'99-'02		KJ16CR-L11	062110150304	1,0	IK16	062120030304
5.2 V-8	155-158	8V <Y > MPI >		93 →		Q16PR-U	062110230304	0,9	IK16	062120030304

WAGONEER

4.0 i	125	i MPI V-6 <S >		01/'87-'12/'90		Q20PR-U	062110250304	0,7	IK20	062120040304
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WRANGLER

4.0 L-6	126-136	MPI <S >		08/'90-'01				0,9	IK16	062120030304
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JEEP (U.S.A.)

CID

3.8 - 231 V-6				'64-'66		W20FP-U	062110420304	0,9		
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JMC

LANDWIND

2.0 JX624B-C / JX6474B-E	84	4G64S4M (Mitsubishi)		06/'05→		W16EPR-U	062110350304	0,8		
2.4 JX624B-C / JX6474B-E	92	4G64S4M (Mitsubishi)		06/'05→		W16EPR-U	062110350304	0,8		

KIA

AVELLA

1.3 i	54	(SOHC)		'97→		W16EPR-U11	062110610304	1,1		
1.5 i	67	(SOHC)		'97→		W16EPR-U11	062110610304	1,1		

CAPITAL

1.5	66	B 5 (Mazda)		01/'90→		Q20P-U	062110270304	0,8		
1.5 i.e. 16V	77	DOHC		01/'90→		Q20P-U	062110270304	0,8		
1.8	70	F 8 (Mazda)		01/'90→		Q20PR-U	062110250304	0,8		
1.8 i	70	F 8 (Mazda)		01/'90→		Q20PR-U	062110250304	0,8		

CARENS

1.6 i 16V	77	S6D (DOHC)		07/'02→		K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 i 16V	93	TB (DOHC)		'00-'02→		K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 i 16V	102			08/'04→		K16PR-U11	062110030304	1,1	IK16	062120030304

CARNIVAL

2.5 i V-6 24V	121	KV5 (V-6 DOHC)		'98→		PK20PR11	062110180304	1,1		
3.5 i V-6	143			07/'02→		PK16PR11	062110170304	1,1		

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KIA										
CERATO										
1.6 i 16V	77	G4 ED		04/04→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.0 i 16V	105	G4 GC		04/04→	K16PR-U11	062110030304	1,1	IK16	062120030304	
CLARUS										
1.8 i 16V (L)	85	T8 (DOHC)		07/96→	K16PR-U	062110020304	0,8	IK16	062120030304	
2.0 i 16V (L)	96	FE (DOHC)		07/96→	K20PR-U11	062110080304	1,1	IK20	062120040304	
JOICE										
2.0 i 16V	102	G4 CP (DOHC)		'00→	W20EPR-U11	062110400304	1,1	IW20	062120070304	
MAGENTIS										
2.0 i 16V	100	G4 JP		'98→	W20EPR-U11	062110400304	1,0	IW20	062120070304	
2.5 i V-6 24V	124	G6 BV		'98→	PK16PR11	062110170304	1,1			
2.0 CVT	106	G4 KA		11/05→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.7 V-6	138	G6 EA		11/05→	K16PR-U11	062110030304	1,1	IK16	062120030304	
MENTOR										
1.5 i 16V	65	B5D		06/94-12/00	W16EPR-U11	062110610304	1,1			
1.6 i 16V	82	B5D		06/94-12/00	W16EPR-U11	062110610304	1,1			
1.6 i 16V	75	S6 MI-Tech 16V (DOHC)		00→	K20PR-U	062110070304	1,1	IK20	062120040304	
OPIRUS										
3.5 i V-6 24V	145-150			09/03→	PK16PR11	062110170304	1,1	IK16	062120030304	
PICANTO										
1.0 i 12V	45	G4 HE		04/04→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.1 i 12V	48	G 4 HG		04/04→	K16PR-U11	062110030304	1,1	IK16	062120030304	
PRIDE										
1.1	38	B 1 (Mazda)		01/90→	W16EPR-U	062110350304	0,9			
1.3	47	B 1 (Mazda)	(USA)	01/90→	W16EPR-U11	062110610304	1,1			
1.3 i	47-53	B 3 (Mazda)	Cat	05/95→	W16EPR-U11	062110610304	1,1			
RETONA										
2.0 i 16V (4x4)	94	N7B DOHC		'97→	K20PR-U11	062110080304	1,1	IK20	062120040304	
RIO										
1.4 i 16V	71			03/05→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.5 i 16V	71	MI-Tech 16V (DOHC) (4)		'00→	K20PR-U	062110070304	0,8	IK20	062120040304	
1.6 i 16V	82	CVT		03/05→	K16PR-U11	062110030304	1,1	IK16	062120030304	
SEDONA										
2.5 i V-6 24V	121	KV5 (V-6 DOHC)		'98→	PK20PR11	062110180304	1,1			
3.5 i V-6	143			07/02→	PK16PR11	062110170304	1,1			
SEPHIA										
1.5 i	59	B 5 (OHC)		01/95→	W16EPR-U11	062110610304	1,1			
1.6 i	60	B 6 E (OHC)		'93→	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.6 i	60	B 6 E (OHC)		01/95→	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.8 i 16V	59	T 8 (DOHC)		01/95→	W20EPR-U11	062110400304	1,1	IW20	062120070304	
SHUMA										
1.5 i 16V	65	BFD (DOHC)		10/98→	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.8 i 16V	81	TED (DOHC)		10/98→	K20PR-U	062110070304	0,8	IK20	062120040304	
SORENTO										
3.5 i V-6 24V	143	DOHC 24V V-6		08/02→	PK16PR11	062110170304	1,1			



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KIA										
SPORTAGE										
2.0 i	70	N7B (OHC)		'94→	K16PR-U	062110020304	0,8	IK16	062120030304	
2.0 i 16V	94	N7B (DOHC)		'94→	K20PR-U11	062110080304	1,1	IK20	062120040304	
2.0 i CVT	104	G4 GC		09/04→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.7 i V-6	124	G6 BA		09/04→	K16PR-U11	062110030304	1,1	IK16	062120030304	
KLEEMANN										
MERCEDES E 200										
2.0 (210)		M 111.942		06/95-06/97	K22PR-ZU	062110140304	0,8			
LADA / SHIGULI										
2 110 / 2 111 / 2 112										
1.5 i	56	(1.5 8 Valve)		'95 →	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.5 i 16V	69	(1.5 16 Valve)		'95 →	Q20PR-U11	062110260304	1,1	IK20	062120040304	
2.0 i 16V	110	C 20 XE (Ope)		'96 →	Q20PR-U11	062110260304	1,1	IK20	062120040304	
2.0 i 16V	110	C 20 XE (Ope)	40.000 km	'96 →	K20TXR	062110120304	0,8	IK20	062120040304	
110 / 111 / 112 / VEGA										
1.5 i	56	(1.5 8 Valve)		'95 →	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.5 i 16V	69	(1.5 16 Valve)		'95 →	Q20PR-U11	062110260304	1,1	IK20	062120040304	
1200										
1.2	44	(VAZ 2101)		01/70-08/81	W20EP-U	062110410304	0,6	IW20	062120070304	
1.2	44	(VAZ 21051)		11/95-93	W20EPR-U	062110390304	0,7	IW20	062120070304	
1300										
1.3	51	(VAZ 21011)		08/74-08/84	W20EP-U	062110410304	0,6	IW20	062120070304	
1500										
1.5	57	(VAZ 2103)		09/72-08/84	W20EP-U	062110410304	0,6	IW20	062120070304	
1600										
1.6	57	(VAZ 2106 / 2017)		09/72-08/84	W20EP-U	062110410304	0,6	IW20	062120070304	
FORMA										
1.3	46		Cat	05/93→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.5	53			09/91→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.5	53		Cat	11/94→	W20EPR-U	062110390304	0,7	IW20	062120070304	
NIVA / COSSACK										
1.6 1600 4x4	58	(VAZ 2121)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.6 4x4 Station Wagn	56	Fiat - 1600		09/87 →	W20EP-U	062110410304	0,7	IW20	062120070304	
1.7	57	(VAZ 2112 / 212140)		01/95→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.7 i	59	(VAZ 212140) (Monopoint Inj)		08/94→	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.7 i	59	(VAZ 212140) (Monopoint Inj)	(Ebc. Igiton)	08/94 →	W20EPR-U11	062110400304	1,1	IW20	062120070304	
NOVA										
1.2 1200	44-49	(VAZ21051)		09/81-06/88	W20EP-U	062110410304	0,7	IW20	062120070304	
1.2 1200	44-49	(VAZ21051)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.3 1300	48-53	(VAZ 2102 / 2105)		05/81-06/88	W20EP-U	062110410304	0,7	IW20	062120070304	
1.3 1300	48-53	(VAZ 2102 / 2105)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.4 1400	55-56	(VAZ 2104 / 2105 / 2107)		09/86-06/88	W20EP-U	062110410304	0,7	IW20	062120070304	
1.4 1400	55-56	(VAZ 2104 / 2105 / 2107)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304	
1.5 1500	55	(VAZ 2104 / ..3)		01/88-06/88	W20EP-U	062110410304	0,7	IW20	062120070304	
1.5 1500	55	(VAZ 2104 / ..3)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304	

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LADA / SHIGULI

NOVA									
1.5 1500	55	(VAZ 2105 / ..3)		01/88-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.5 1500	55	(VAZ 2105 / ..3)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 1600	57-62	(VAZ 2107 / ..4)		05/81-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.6 1600	57-62	(VAZ 2107 / ..4)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.7 1700 i	59	(2104 4 / 2107 3)		11/94→	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.7 1700 i	62	(2104 4 / 2107 3)		08/94→	W20EPR-U11	062110400304	1,1	IW20	062120070304

OKA									
0.7			Cat	92→	W20EPR-U	062110390304	0,7	IW20	062120070304

RIVA									
1.3 1200	47	OHC - 21012	(GB)	11/85→	W20EP-U	062110410304	0,6	IW20	062120070304
1.3 1300	49	OHC - 21056		11/85→	W20EP-U	062110410304	0,6	IW20	062120070304
1.5 1500	55	OHC - 21026	(GB)	11/85→	W20EP-U	062110410304	0,6	IW20	062120070304
1.6 1600	63	OHC - 21062		01/86→	W20EP-U	062110410304	0,6	IW20	062120070304

SAMARA / SPUNNIK									
1.1	41	(VAZ 2108)		01/86-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.1	41	(VAZ 2108)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.1	39	(VAZ 2108)	Cat	93→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	46-48	(VAZ 2108 / 2109)	W/W Cat	01/86-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	46-48	(VAZ 2108 / 2109)	W/W Cat	07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 i	50	(VAZ 2108 / 2109)	Cat	02/96→	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5	55	(VAZ 2108 / 2109..)		01/86-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.5	55	(VAZ 2108 / 2109..)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5	50-53	(VAZ 2108 / 21093)	Cat	01/86-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.5	50-53	(VAZ 2108 / 21093)	Cat	07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5 i	51	(VAZ 2108 / 2109..)	W/W Cat	11/94→	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5 i Sport	65	(VAZ 2108 / 2109..)	W/W Cat	96→	W20EPR-U11	062110400304	1,1	IW20	062120070304

SAMARA FUN									
1.1	39			09/91→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	45-48			09/91→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.5	50-53			09/91→	W20EPR-U	062110390304	0,7	IW20	062120070304

TOSCANA									
1.4	55	(VAZ 2101 / 2107)		01/86-06/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.4	55	(VAZ 2101 / 2107)		07/88→	W20EPR-U	062110390304	0,7	IW20	062120070304

LANCIA

DEDRA									
1.6 i.e.	66	159 B 9.000	Cat	94→	Q22PR-U	062110280304	0,9		
1.6 i.e.	65	835 A 1.000 IAW-Inj		01/89-07/92	W22EPR-U	062110430304	0,7		
1.6 i.e.	55	835 C 1.000	Cat	04/93→	Q22PR-U	062110280304	0,9		
1.6 i.e.	57	835 A 1.046	Cat	08/89→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 i.e.	74	836 A 5.000	Cat	94→	Q22PR-U	062110280304	0,9		
1.8 i.e.	80	835 A 2.000 IAW-Inj		01/89-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i.e.	77	835 A 2.046	Cat	09/89→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 i LE (16V)	83			03/96→	K20TNR-S9	062110110304	0,8	IK20	062120040304
1.8 i 16V .. / GT	96	(V.V.T.)		03/96→	K20TNR-S9	062110110304	0,8	IK20	062120040304
2.0 i 16V - / 4x4 / Integre	102	836 A 3.000	Cat	94 →	W22EPR-U	062110430304	0,7		



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DEDRA									
2.0 i.e.	86	835 A 5.000 (IAW-Inj)		01-89-07/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i.e.	83	835 A 5.046	Cat	09/89→	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i.e. Integrale	124-132	835 A 7.000/7.046	W/O Cat	06/90-93	K22PBR-S	062110130304	0,9		
2.0 i.e. Turbo	119	835 A 8.000/8.046	W/O Cat	06/90→	K22PBR-S	062110130304	0,9		

DELTA									
1.1 (831)	47	831 B 8.000		01/86-12/90	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 (831)	55	831 B 000		'83-'93	W22EPR-U	062110430304	0,7		
1.3 (831)	55-58	831 A2.		09/79-08/92	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 (836) i.e. / i	51	160 A 1.046 / 836 A4		01/93→	W20EPR-U	062110390304	0,9	IW20	062120070304
1.5 (831)	59-63	831 A. / B 1..		09/79-93	W22EPR-U	062110430304	0,7		
1.5 (831) i.e.	55	138 C..	Cat	12/85-10/87	W22EPR-U	062110430304	0,7		
1.6 (831) i.e.	55	835 C 1.000		01/93→	K22PBR-S	062110130304	0,9		
1.6 (831) i.e.	66-80	831 B 7..(IAW) / 149 C2.	Cat	05/86-08/92	W20EPR-U	062110390304	0,9	IW20	062120070304
1.6 (831) GT i.e	80	831 A 4 / 831 B7.000		11/82-93	W22EPR-U	062110430304	0,7		
1.6 (831) HF Rally Turbo i.e.	97	831 B 7.046 (IAW)	Cat	04/87-'93	W20EPBR-S	062110380304	0,9	IW20	062120070304
1.6 (831) HF 1600 Turbo (i.e.)	103	831 B 3. (IAW-Inj/DK..)		06/83-08/92	W20EPBR-S	062110380304	0,7	IW20	062120070304
1.6 (831) HF Turbo (i.e.)	95-103	831 A 7.000 / 831 B3		'92-'93	W22EPR-U	062110430304	0,7		
1.6 (836) i LE	66			03/96→	K20TNR-S9	062110110304	0,8	IK20	062120040304
1.6 (836) i.e. 16V	76			'95→	K22PBR-S	062110130304	0,8		
1.8 (836) i.e.	76	835 C 2.000		01/93→	W22EPR-U	062110430304	0,9		
1.8 (836) i.e.	66	836 A 6.000		'95→	W20EPR-U	062110390304	0,9	IW20	062120070304
1.8 (836) i LE (16V)	83			03/96→	K20TNR-S9	062110110304	0,8	IK20	062120040304
1.8 (836) i 16V V.V.T. (GT/HPE)	96			'96→	K20TNR-S9	062110110304	0,8	IK20	062120040304
2.0 (831) Integrale 8V	130	831 GH 8 E.000 (IAW-Inj)	Turbo, Cat	03/89-12/92	W20EPBR-S	062110380304	0,7	IW20	062120070304
2.0 (831) HF Integrale Spec. Ed.	155	831 E 5.046	Turbo, Cat	'93-'95	W20EPBR-S	062110380304	0,7	IW20	062120070304
2.0 (836) i.e. 16V GT	102	836 A 3.000		01/93→	W22EPR-U	062110430304	0,9		

KAPPA									
2.0 i 20V LS / LE	107	838 A 1.000	5 Cyl	01/95 →	K20TNR-S9	062110110304	0,8	IK20	062120040304
2.0 i 16V LS / LE Turbo	151	838 A 4.000	4 Cyl	01/95 →	W20EPBR-S	062110380304	0,6	IW20	062120070304
2.0 i 20V LS / LE	114		5 Cyl	02/96 →	K20TNR-S9	062110110304	0,8	IK20	062120040304
2.0 i Turbo 20V LS / LE	162	Turbo	5 Cyl	08/98 →	PK20PR-P8	062110190304	0,8		
2.4 i 20V LS / LE / LX	129	838 A 2.000 (5.20 VIS)	5 Cyl	01/95 →	K20TNR-S9	062110110304	0,8	IK20	062120040304
3.0 i V-6 24V LS / LX (A&)	150	838 B 000	6 Cyl	01/95 →	PK20PR-P8	062110190304	0,8		

LYBRA									
1.6 i 16V	70	182 A4 (DOHC)		09/99→	K16PR-U	062110020304	0,8	IK16	062120030304
1.8 i 16V	96	839 A4. (DOHC)		09/99→	K20TNR-S9	062110110304	0,9	IK20	062120040304
2.0 i 20V	113	182 A1.000 (DOHC)	5 Cyl	09/99 →	K20TNR-S9	062110110304	0,9	IK20	062120040304

MUSA									
1.4 i	57	350.A1.000		09/05→	XU22EPR-U	062110460304	1,0		
1.4 16V	70	843 A1.000		09/04→	XU22EPR-U	062110460304	1,0		

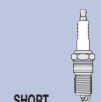
PHEDRA									
2.0 16V	100	EW10J4 (RFN)		09/02→	K16HPR-U11	062110010304	0,9	IKH16	062120050304
3.0 V-6 24V	150	ES9 J4S (XFW)		09/02→			1,1	IKH16	062120050304

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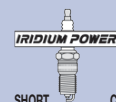


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PRISMA

1.3	55	831 A 2.. / B 000		12/82-93	W22EPR-U	062110430304	0,7		
1.5	55-63	831 A 3.. / ..A1.. / ..B 1..		12/82-90	W22EPR-U	062110430304	0,8		
1.5 i.e.	55	138 C..	Cat	12/85-87	W22EPR-U	062110430304	0,7		
1.6 i.e.	66	149 C 2.000	Cat	05/86-12/89	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i.e.	68-80	831 B 7..IAW / B.. SPI	Cat	05/86-12/89	W22EPR-U	062110430304	0,7		
1.6	71-77	831 A 4. / ..B 6.		12/82-12/89	W22EPR-U	062110430304	0,7		
2.0 4x4	85	831 B 4.000 IAW-Inj		04/86-89	W22EPR-U	062110430304	0,7		
2.0 Integab	82	831 B 4.046	Cat	07/87-12/89	W22EPR-U	062110430304	0,7		

THEMA

2.0 i.e.	86-88	834 B 0.000 / B1.000		11/84-92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i.e.	83-85	834 B 0.. / ..B146	Cat	03/86-09/88	W22EPR-U	062110430304	0,9		
2.0 i.e.	84	834 B 146	Cat	05/92-95	W22EPR-U	062110430304	0,6		
2.0 i.e. 16V	108	834 B 2..		06/88-05/92	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 i.e. 16V	107	834 B 2.000	Cat	02/89-05/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i.e. 16V	112	834 F 1.000		05/92-96	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 i.e. Turbo	110-122	834 C 000 / C 146	W/O Cat	11/84-05/90	K22PBR-S	062110130304	0,7		
2.0 i.e. 16V Turbo	130	834 C 146	Cat	04/89-05/92	K22PBR-S	062110130304	0,9		
2.0 i.e. 16V Turbo	133/136	834 C 1000		06/88-12/89	W22EPR-U	062110430304	0,7		
2.0 i.e. 16V Turbo	133	834 C 1000		01/90-05/92	K22PBR-S	062110130304	0,9		
2.0 i.e. 16V Turbo	148	834 F 2.000	Cat	05/92-95	K22PBR-S	062110130304	0,9		
2.9 V-6	110	PRV 834 AB..		11/84-09/88	T20EPR-U	062110320304	0,9		
2.9 V-6	110	834 E 000		06/88-09/91	T20EPR-U	062110320304	0,9		
2.9 V-6	100/108	834 E 146	W/O Cat	06/88-09/91	T22EP-U	062110340304	0,6		
3.0 V-6 i.e.	128	834 F.000	(A& V-6)	05/92 →	W20EPR-U	062110390304	0,7		

THESIS

2.0 i 20V Turbo	136	841 E 000		04/02 →	PK20PR-P8	062110190304	0,8		
2.4 i 20V	125	841 D 000		04/02 →	K20PR-U	062110070304	0,8	IK20	062120040304
3.0 i V-6 24V	158	841 A 000		04/02 →	PK20PR-P8	062110190304	0,8		
3.2 i V-6 24V	169	841 A 000		05/03 →	PK20PR-P8	062110190304	0,8		

Y 10

1.0 Fire / Fire 4x4	32-37	156 A 2.000 / A2.048		03/85-93	Q20PR-U	062110250304	0,7	IK20	062120040304
1.0 Fire i.e	33	156 A 2.256	W/W Cat	'88-96	Q20PR-U	062110250304	0,7	IK20	062120040304
1.0 Fire i.e. / 4x4 i.e.	33	156 A 2.146	Cat	10/87-07/89	Q20PR-U	062110250304	0,7	IK20	062120040304
1.1 Touring	38-41	156 A 000		03/85-02/89	W20EPR-U	062110390304	0,7	IW20	062120070304
1.1 LX i.e. / Fire 4x4 i.e.	41	156 C.000		01/89-09/92	Q20PR-U	062110250304	0,7	IK20	062120040304
1.1 LX / i.e. / i.e. 4x4 / Sebctra	37	156 C 046	Cat	07/89-96	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 GT i.e	54-57	156 B.000		11/87-09/92	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 i.e. / GT i.e	53	146 A 5.046	Cat	02/89-96	W20EPR-U	062110390304	0,7	IW20	062120070304

Y / YPSILON

1.1 (1) i	40	176.B2		04/97-10/03	K20PR-U	062110070304	0,8	IK20	062120040304
1.2 (1)	44	840 A3000		'96-10/03	Q20PR-U	062110250304	0,8	IK20	062120040304
1.2 (1) i 16V	63	176.B9. (Fire)		04/97-10/03	XU24EPR-U	062110470304	0,9	IXU24	062120080304
1.2 (2) i 8V	44	188A.4 (SOHC)		10/03 →	K16PR-U	062110020304	0,9	IK16	062120030304
1.2 (2) i 16V	59	188A.5 (DOHC)		10/03 →	XU22EPR-U	062110460304	0,9		
1.4 (1) i 12V	59	840 A2000		'96-10/03	K20TNR-S9	062110110304	0,8	IK20	062120040304
1.4 (2) i 16V	70	8438A.1 (DOHC)		10/03 →	K20TNR-S9	062110110304	0,8	IK20	062120040304


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LANCIA
Z / ZETA

2.0 i	89	RFU (PSA XU10 J2C/Z)		'94→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 Ti Turbo	108	RGX (PSA XU10 J2TE/Z)		'94→	K20TXR	062110120304	0,9	IK20	062120040304

LAND ROVER
DEFENDER

2.5	62			08/90→	W20EP-U	062110410304	0,8	IW20	062120070304
3.5 i V-8	100	OHV V-8		08/90→	W16EPR-U	062110350304	0,9		
3.9 i V-8	125-135	OHV V-8	Cat	'91→	W16EPR-U	062110350304	0,9		

DISCOVERY

2.0 (1) i	100	20 (T4)		'93→	K20PR-U	062110070304	0,8	IK20	062120040304
3.5 (1) V-8	108	(Carb.)		09/89-09/90	W20EPR-U	062110390304	0,8	IW20	062120070304
3.5 (1) i V-8	100-122	22D	W/W Cat.	09/89→	W16EPR-U	062110350304	0,8		
3.9 (1) i V-8	107-113			09/89-08/94	W16EPR-U	062110350304	0,9		
3.9 (2) i V-8	134			08/94→	W16EPR-U	062110350304	0,9		
4.0 (2) i V-8	134			06/94-99	W16EPR-U	062110350304	0,9		
4.0 (2) i V-8	136	40 D (V-8) (Thor)		'99→	PK16PR11	062110170304	1,0		
4.4 (3) i V-8 32V	220	(JAGUAR V-8)		10/04→			1,0	IK16	062120030304

LAND-ROVER

2.3	55			09/63-08/83	W16EP-U	062110360304	0,8		
2.3	50-51			09/83-12/86	T20EP-U	062110330304	0,6		
2.5	62			09/83-07/90	W20EP-U	062110410304	0,8	IW20	062120070304
3.5 V-8	103			09/83-07/90	W20EP-U	062110410304	0,8	IW20	062120070304

RANGE ROVER

3.5 (1) V-8	95			06/70-07/81	W16EP-U	062110360304	0,6		
3.5 (1) V-8	93			08/81-09/90	W20EP-U	062110410304	0,8	IW20	062120070304
3.5 (1) i V-8	120	23D / 24D / 25D (EFi)		10/85-09/90	W20EPR-U	062110390304	0,8	IW20	062120070304
3.5 (1) i V-8	110	23D / 24D / 25D (EFi)	Cat	01/87-09/90	W16EPR-U	062110350304	0,9		
3.9 (1) i V-8	127-134	37D / 38D (AT)		'87-'94	W16EPR-U	062110350304	0,9		
3.9 (1) i V-8	134	35 D / 36 D (AT)		'87-'94	W16EPR-U	062110350304	0,9		
3.9 (2 - LP) i V-8	140	42 D (V-8)		07/94→	W16EPR-U	062110350304	0,9		
4.0 (2 - LP) i .. / SE	136	40 D (V-8)		07/94-99	W16EPR-U	062110350304	0,9		
4.0 (2 - LP) i .. / SE	136	40 D (V-8) (Thor)		'99→	PK16PR11	062110170304	1,0		
4.2 (1) i V-8	149	40D / 42 D		'92-'94	W16EPR-U	062110350304	0,9		
4.2 (2 - LP) i	149	42 D (V-8)		07/94→	W16EPR-U	062110350304	0,9		
4.4 (3 - LM) i V-8	210	M 62 B44		03/02→	K20TXR	062110120304	0,9	IK20	062120040304
4.6 (2 - LP) i .. / HSE	160	46 D (V-8)		07/94-99	W16EPR-U	062110350304	0,9		
4.6 (2 - LP) i .. / HSE	160	46 D (V-8) (Thor)		'99→	PK16PR11	062110170304	1,0		

LEXUS
GS

400 - 4.0 i V-8 32V (JZS160)	216	1UZ-FE		12/97-11/00			1,1	IK20	062120040304
430 - 4.3 i V-8 32V (UZS190)	208	3UZ-FE		01/05→			1,1	IK20	062120040304

GX

470 - 4.7 i V-8 32V (UZJ120)	200	2UZ-FE	(USA)	11/02→			1,1	IK20	062120040304
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IS									
200 - 2.0 i V-6 24V (JCE10)	114	1GE-FE		01/99→			1,1	IK20	062120040304
LX									
450 - 4.5 i V-6 24V	165	1FZ-FE (DOHC)		01/96→	K16R-U	062110480304	0,8	IK16	062120030304
RX									
300 - 3.0 i V-6 24V (MCU35)	150	1MZ-FE		03/02→			1,1	IK20	062120040304
330 - 3.3 i V-6 24V (MCU38)	170	3MZ-FE	(USA)	03/02→			1,1	IK20	062120040304
400h - 3.0 i V-6 24V (MHU38)	150	3MZ-FE HYBRID		05/03→			1,1	IK20	062120040304

LOTUS

ECLAT									
2.0	118	907	(U.S.A)	'75-'80	W16EPR-U	062110350304	0,7		
2.0	118	907		'75-'80	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0	118	907 (Electronic ignition)		'75-'80	W20EPR-U	062110390304	0,9	IW20	062120070304
2.2	118	912		'80-'82	W20EPR-U	062110390304	0,7	IW20	062120070304
ELAN									
1.5				'63-'75	W22EP-U	062110450304	0,8		
1.6	88-93			'63-'75	W22EP-U	062110450304	0,8		
1.6 i Turbo / S 2	121-123	Isuzu 4 XE 1		09/89→	K20PR-U	062110070304	0,9	IK20	062120040304

ESPRIT									
2.0 S 3	118	907		'74-'80	W22EP-U	062110450304	0,8		
2.2 S 4	197			'93→			0,8	IW20	062120070304
2.2 Sport 300	225			'93→			0,8	IW20	062120070304
3.5 V-8	256	V-8 Turbo		'97→	K20TNR-S9	062110110304	0,9	IK20	062120040304

EUROPA									
2.0 S 2 / Twin Cam Special				'68-'75	W22EP-U	062110450304	0,7		

MASERATI

222 / 224 / 228 / 420 / 422 / 424 / 430									
2.0 (224 V / 424 V) V-6 24V	180	475		'88→	XU24EPR-U	062110470304	0,8	IXU24	062120080304

QUATTROPORTE									
2.8 V-6 24V Biturbo	260	588 Evo		01/99→	XU24EPR-U	062110470304	0,9	IXU24	062120080304

SHAMAL									
3.2 V-8 32V Turbo	240	479		'91→	XU24EPR-U	062110470304	0,9	IXU24	062120080304

57 / 62									
5.5 V-12 36V Biturbo (240)	405	M 285.950	Twin spark'	09/02 →			0,9	IK20	062120040304

MAZDA

2 (DEMIO)									
1.25 i 16V	55	FUJA / F8JB	1242cc	10/02→	PT16VR13	062110220304	1,0	ITV16	062120060304
1.4 i 16V	59	FXJA / FXJB		10/02→	PT16VR13	062110220304	1,0	ITV16	062120060304
1.6 i 16V	74	FYJA		10/02→	PT16VR13	062110220304	1,0	ITV16	062120060304

121									
1.1 (1 - DA) 1100	38-42	B 1		'87-11/90	W16EPR-U	062110350304	0,8		
1.1 (1 - DA) 1100	38-41	B 1	(A, CH, S)	'89-11/90	W16EPR-U11	062110610304	1,1		
1.1 (2 - DB) 1100	40	B 1	Cat	'90→	W16EPR-U	062110350304	0,9		
1.25 (3 - ZQ) i 16V	55	Ford Zetec E (16V) (1,25) (ZH14)		03/96→	PT16VR13	062110220304	1,3	ITV16	062120060304



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121

1.3 (1 - DA) 1300	40-44	B 3		'87-11/90	W16EPR-U	062110350304	0,9	
1.3 (1 - DA) 1300	40-44	B 3 (Carb. + Cat)	(A, CH, S)	'87-11/90	W16EPR-U11	062110610304	1,1	
1.3 (2 - DB) 1300 i 16V	39-40	B 3 EGi		'91→	K16PR-U11	062110030304	1,1	IK16 062120030304
1.3 (2 - DB) 1300 i 16V	53-56	B 3 EGi		11/90→	K16PR-U11	062110030304	1,1	IK16 062120030304
1.4 (2 - DB) 1400 i 16V	54-56	B 3		11/90→	K16PR-U11	062110030304	1,1	IK16 062120030304

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1.1 (BF) 1100	40	E 1		'80-'87	W16EPR-U	062110350304	0,8	
1.3 (BF) 1300	50	B 3 EGi		04/87-06/89	W16EPR-U11	062110610304	1,1	
1.3 (BF) 1300	44-50	E 3 / B 3		05/85-06/89	W16EPR-U	062110350304	0,9	
1.3 (BF) 1300	44-55	E 3		'80-'87	W16EPR-U	062110350304	0,8	
1.3 (BF) 1300	49	B 3 EGi (OHC)		06/89-03/91	W16EPR-U	062110350304	0,8	
1.3 (BF) 1300 16V .. / i	54	B 3 / B 3 EGi	Cat	06/89-06/94	K16PR-U11	062110030304	1,1	IK16 062120030304
1.3 (BF) 1300 16V	54	B 3 (OHC) (Leaded)		06/89-06/94	K16PR-U	062110020304	0,8	IK16 062120030304
1.3 (BG)	49	B 3 EGi (OHC)		06/89-'91	W16EPR-U	062110350304	0,8	
1.3 (BG) i 16V	54	B 3 (OHC) (Leaded)		'89-'94	K16PR-U	062110020304	0,8	IK16 062120030304
1.3 (BG) i 16V	54	B 3 (OHC) (Unleaded)	Cat	'89-'94	K16PR-U11	062110030304	1,1	IK16 062120030304
1.3 (BA) i 16V	54	B 3 (OHC)		06/94-'99	K16PR-U11	062110030304	1,1	IK16 062120030304
1.3 (BJ) i 16V (3-Door hatchback)	54	B 3 (OHC)		02/97-'02	K16PR-U11	062110030304	1,1	IK16 062120030304
1.3 (BJ) i 16V (Sedan/Fastbreak)	55	B 3 E (OHC, Dis)		07/98-01/01	K16PR-U11	062110030304	1,1	IK16 062120030304
1.3 (BJ) i 16V (Sedan/Fastbreak)	55	B 3 (SOHC, Dis)		01/01-'03	K16PR-U11	062110030304	1,1	IK16 062120030304
1.4 (BF) 1400	44-50	B 3 E / E3	W/W Cat	'85-'89	W16EPR-U	062110350304	0,8	
1.4 (BF) 1400	44-49	B 3 EGi	W/W Cat	04/87-06/89	W16EPR-U11	062110610304	1,1	
1.4 (BF) 1400	44-49	B 3 EGi (OHC)	W/W Cat	06/89-08/90	W16EPR-U	062110350304	0,8	
1.4 (BG) 16V	49	E 3 (OHC) (Carb.)	W/W Cat	08/90-06/94	K16PR-U	062110020304	0,8	IK16 062120030304
1.4 (BG) i 16V	54	E 3 (OHC)	Cat	08/90-06/94	K16PR-U11	062110030304	1,1	IK16 062120030304
1.4 (BA) i 16V	54	B 3 (OHC)		06/94-'99	K16PR-U11	062110030304	1,1	IK16 062120030304
1.5 (BF) 1500	52-65	E 5	(GB)	'85-'87	W20EPR-U	062110390304	0,8	IW20 062120070304
1.5 (BF) 1500	52-65	E 5 / B 5 / D 5		'80-'89	W16EPR-U	062110350304	0,8	
1.5 (BA) i 16V	65	Z 5 (D) (DOHC)		06/94-'99	K16PR-U11	062110030304	1,1	IK16 062120030304
1.5 (BJ) i 16V (3-Door hatchback)	65	Z 5 (DOHC)		02/97-'02	K16PR-U11	062110030304	1,1	IK16 062120030304
1.5 (BJ) i 16V (Sedan/Fastbreak)	65	ZLD/ZLV (DOHC, D-DLi)		07/98-01/01	K16PR-U11	062110030304	1,1	IK16 062120030304
1.5 (BJ) i 16V (Sedan/Fastbreak)	65	ZLD/ZLV (DOHC, D-DLi)		07/98-01/01	K16PR-U11	062110030304	1,1	IK16 062120030304
1.6 (BF) 1600 GT / 1.6 i	77	B 6 EGi (Leaded)		'85-'89	W20EPR-U	062110390304	0,8	IW20 062120070304
1.6 (BF) 1600	55-63	B 6 / B6 EGi		'85-'89	W16EPR-U11	062110610304	1,1	
1.6 (BF) Turbo (4x4) (Ford 4)	103-110	B 6 EGi DOHC (Leaded)		'86-09/89	Q20PR-U	062110250304	0,8	
1.6 (BF) Turbo (4x4) (Ford 4)	103-110	B 6 EGi DOHC (Unleaded)	(CH, S) Cat	'86-09/89	Q20PR-U11	062110260304	1,1	
1.6 (BG) i	62-66	B 6 EGi (OHC)		'89-'91	W16EPR-U	062110350304	0,8	
1.6 (BG) i	62-66	B 6 EGi (OHC, 8V)	Cat	06/89-'91	W20EPR-U11	062110400304	1,1	IW20 062120070304
1.6 (BG) i 16V	64	B 6 (OHC) (Leaded)		'89-'94	K16PR-U	062110020304	0,8	IK20 062120040304
1.6 (BG) i 16V	65	B 6 (OHC) (Unleaded)	Cat	'89-'94	K16PR-U11	062110030304	1,1	IK20 062120040304
1.8 (BG) 16V	76-78	BP EGi (OHC) (Leaded)		'89-'91	K16PR-U	062110020304	0,8	IK16 062120030304
1.8 (BG) i 16V	76-78	BP EGi (OHC) (Unleaded)	Cat	'91-'94	K16PR-U11	062110030304	1,1	IK16 062120030304
1.8 (BG) 16V	76-78	BP EGi (OHC)		'91-'94	K16PR-U	062110020304	0,8	IK16 062120030304
1.8 (BG) i 16V	76-78	BP EGi (OHC)	Cat	'91-'94	K16PR-U11	062110030304	1,1	IK16 062120030304
1.8 (BG) i 16V	94	BP (DOHC)		'89-'94	K20PR-U11	062110080304	1,1	IK20 062120040304
1.8 (BG) i 16V	103	BP EGi (DOHC)		'89-'94	K20PR-U	062110070304	0,8	IK20 062120040304

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1.8 (BG) Turbo/Forester4 (4x4) / GT-X	122-136	BP (DOHC) Turbo		'89-'94			1,1	IK20	062120040304
1.8 (BG) Turbo/Forester4 (4x4) / GT-X	122-136	BP (DOHC) Turbo	Iridiurpower	'89-'94	IK20	062120040304	1,1	IK20	062120040304
1.8 (BG) GT-A / GT-R (Turbo) (4x4)	136-155	BPD / BPB (DOHC)		'92-'94			1,1	IK20	062120040304
1.8 (BG) GT-A / GT-R (Turbo) (4x4)	136-155	BPD / BPB (DOHC)	Iridiurpower	'92-'94	IK20	062120040304	1,1	IK20	062120040304
1.8 (BJ) i 16V (Sedan/Fastbreak)	84	FPD (DOHC, D-DLi)		07/98-01/01	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 (BJ) i 16V (Sedan/Fastbreak)	84	FP (DOHC, D-DLi)		01/01-03	K16PR-U11	062110030304	1,1	IK16	062120030304
1.9 (BG) i 16V	94	BP (DOHC)		'89-'94	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (BA) i 16V	84	BP (DOHC)		06/94-99	K16PR-U11	062110030304	1,1	IK16	062120030304
1.9 (BA) i 16V	84	BP (DOHC)		06/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (BA) i V-6 / GT	106	KF (V-6)		06/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (BJ) i 16V (Sedan/Fastbreak)	96	FS (DOHC)		01/01-03			1,1	IK16	062120030304
2.0 (BJ) i 16V (Sedan/Fastbreak/Sport)	125	FS ZE (DOHC)		01/01-03			1,1	IK16	062120030304

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1.5 (BA) i 16V (Astina/Lantis)	65	Z 5 (DOHC)		06/94-99	K16PR-U11	062110030304	1,1	IK20	062120040304
1.6 (BG) i (Astina)	62	B 6 EGi (OHC)		09/89-06/91	W16EPR-U11	062110610304	1,1		
1.6 (BG) i 16V (Astina)	65	B 6 (OHC)		06/89-10/94	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (BG) i 16V (Astina)	78	BP (OHC)		'90-'94	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (BG) i 16V GT / TRSi / GRSi (Astina)	96	BP (DOHC)		06/89-07/94	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (BA) i 16V ../ GT (Astina/Lantis)	84	BP (SOHC)		06/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (BA) i 16V ../ GT (Astina/Lantis)	84-94	BP (DOHC)		06/94-99	K16PR-U11	062110030304	1,1	IK16	062120030304
1.9 (BG) i 16V GT / TRSi / GRSi (Astina)	96	BP (DOHC)		06/89-07/94	K20PR-U11	062110080304	1,1	IK20	062120040304
1.9 (BA) i 16V ../ GT (Astina/Lantis)	84-94	BP (DOHC)		06/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (BA) i V-6 24V (Astina/Lantis)	106	KF (V-6)		06/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (BA) i V-6 24V GT (Astina/Lantis)	106	FS (V-6)		06/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304

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1.6 (GC)	54-59	B 6 - F 6		'82-'87	W16EPR-U	062110350304	0,8		
1.6 (GD / GV)	54-59	B 6 - F 6		'87-'91	W16EPR-U	062110350304	0,8		
1.8 (GD / GV)	66-73	H 8 / V / F 8 Carb		'82-'89	W16EPR-U	062110350304	0,8		
1.8 (GD / GV) 12V	60-71	F 8		'88-'92	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (GD / GV) 12V	66	F 8 EGi		'89-'92	K20PR-U	062110070304	0,8	IK20	062120040304
1.8 (GE) i 16V	77	FP (DOHC)	Cat	08/91-05/97	K16PR-U11	062110030304	1,1	IK16	062120030304
1.9 (GE) i 16V	77	FP (DOHC)	Cat	08/91-05/97	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (GC)	68	FE	Cat	'83-'87	W16EPR-U11	062110610304	1,1		
2.0 (GC)	66-74	FE / HE / M		'83-'87	W16EPR-U	062110350304	0,8		
2.0 (GC)	66-74	FE / HE / M		'83-'87	W16EPR-U	062110350304	0,8		
2.0 (GC) i GT	88	FE (EGi)	Cat	'82-'87	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (GD / GV)	74-88	FE		'82-'87	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (GD / GV)	88	FE EGi (DOHC)		'82-'89	Q20PR-U	062110250304	0,8		
2.0 (GD / GV)	66-68	FE	Cat	'85-'89	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (GD / GV) 12V	81	FE		'87-'89	Q20PR-U	062110250304	0,8		
2.0 (GD / GV) 12V	75-86	FE	Cat	'87-'89	Q20PR-U11	062110260304	1,1		
2.0 (GD / GV) i 16V (GT)	106	FE	Cat	'87-'89	Q20PR-U11	062110260304	1,1		
2.0 (GE) 12V	80	FE		'90-05/97	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 (GE) 12V	75-86	FE	Cat	'90-05/97	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (GE) 16V	85	FE EGi (DOHC)		'90-05/97	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 (GE) 16V	85	FE EGi (DOHC)	Cat	'90-05/97	K20PR-U11	062110080304	1,1	IK20	062120040304



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Note

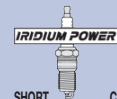


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2.0 (GE) 16V 4x4	85	FS (DOHC)	(USA)	'91-05/'97	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (GE) V-6 18V	106	DOHC		'93-'97	K20PR-U11	062110080304	1,1	IK20	062120040304
2.2 (GD / GV) i 12V (200001 →)	85	FE EGi	Cat. Std.	'90-02/'98			1,1	IK20	062120040304
2.2 (GD / GV) i 12V (200001 →)	85	FE EGi	Cat. Fast driving	'90-02/'98			1,1	IK20	062120040304
2.2 (GE) i 12V (200001 →)	85	FE EGi	Cat. Std.	'90-02/'98			1,1	IK20	062120040304
2.2 (GE) i 12V (200001 →)	85	FE EGi	Cat. Fast driving	'90-02/'98			1,1	IK20	062120040304
2.5 (GE) i V-6 24V	121	KL (DOHC)		'92-05/'97			1,1	IK16	062120030304

818

1.3		(TC)		'71-'77	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6		(NA)		'73-'79	W20EPR-U	062110390304	0,8	IW20	062120070304

929

1.8 (LA)		F 8 / VC		'74-'80	W16EPR-U	062110350304	0,9		
2.0 (LA)	66	MA		'78-'81	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (HB / HV)	74-88	FE EGi		'82-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (HC)	88	FE EGi		'90→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.2 (HC) 12V	100	F 2 E		'86-'89	Q20PR-U	062110250304	0,8		
2.2 (HC) 12V (200001 →)	85	F 2 EGi	Cat	'90→			1,1	IK20	062120040304
2.5 (HC) V-6		JS - DE		'91→			1,1	IK16	062120030304
2.5 (HC) V-6		JS - DE	Iridiurpower	'91 →	IK16	062120030304	1,1	IK16	062120030304
3.0 (HC) i V-6 18V	140	JE EGi		'86-'89	Q20PR-U	062110250304	0,8		
3.0 (HC) i V-6 18V	123	JE EGi	Cat	'90→			1,1	IK20	062120040304

B-SERIES

1300 - 1.3 1300		TC		'75-'83	W20EP-U	062110410304	0,8	IW20	062120070304
1400 - 1.4 1400	48	D 417		'84-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
1600 - 1.6 1600 (PE 2 N)	53	NA		'77-'83	W16EPR-U	062110350304	0,9		
1800 - 1.8 1800 (PE 2 V / UD)		VC (F 85)		'84-'88	W16EPR-U	062110350304	0,9		
2000 - 2.0 2000 (UF)	60-63	FE		'84-'94	W16EPR-U	062110350304	0,9		
2200 - 2.2 2200 (UF)		F 2		'84-'89	W16EPR-U	062110350304	0,9		
2200 - 2.2 2200		F 2 EGi		'90→	W16EPR-U11	062110610304	1,1		
2600 - 2.6 2600 (... / UF)		4 G 54		'84-'89	W16EPR-U	062110350304	0,9		
2600 - 2.6 2600		G 6		'90→			1,1	IK16	062120030304

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1.5 1500		UA		'91→	W20EPR-U	062110390304	0,8	IW20	062120070304
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DEMIO (DW)

1.3 i 16V	46-53	B3 E (OHC)		02/'97→	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 i 16V	55	B5 E (OHC)		02/'97→	K16PR-U11	062110030304	1,1	IK16	062120030304

E 2000

2.0 2000	60-63	.. / FE		'77-'92	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 i	70	FE	Cat	06/'94→	K20PR-U11	062110080304	1,1	IK20	062120040304

MPV

2.0 (LW) i 16V	90	FSD (DOHC, D-DLi)		09/'99→			1,1	IK16	062120030304
2.6 (LV) i	90	G 6 (OHC)	Cat	'88→	K20PR-U11	062110080304	1,1	IK20	062120040304
3.0 (LV) i V-6	112	JE (OHC)	Cat	'88-'94	K16PR-U11	062110030304	1,1	IK20	062120040304
3.0 (LV) i V-6	109	JE OHC (Ch. 631983 →)	Cat	07/'94-'99			1,1	IK20	062120040304

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MX3 (EC)										
1.6 1600	65-79	B 6 (DOHC)	Cat	'91→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.8 i V-6 24V	98	K 8 (V-6)	Cat	'91→	K16PR-U11	062110030304	1,1	IK16	062120030304	
MX-5 (MIATA)										
1.6 (NA) i 16V	85	B 6 (DOHC)		'89-94	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.6 (NA) i 16V	66	B 6 (DOHC)		'95-98	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.6 (NA) i 16V	66-85	B 6 (DOHC)	Iridiurpower	'95-98	IK20	062120040304	1,1	IK20	062120040304	
1.6 (NB) i 16V (J07E)	81	B 6 D (DOHC)		01/'98→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.6 (NB) i 16V (J07E)	81	B 6 D (DOHC)	Iridiurpower	01/'98 →	IK16	062120030304	1,1	IK16	062120030304	
1.8 (NA) i 16V	96	BP		'93-98	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.8 (NA) i 16V	96	BP	Iridiurpower	'93-98	IK20	062120040304	1,1	IK20	062120040304	
1.8 (NB) i 16V (J07E)	103	BPD (DOHC) (1840cc)		01/'98→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.8 (NB) i 16V (J07E)	103	BPD (DOHC) (1840cc)	Iridiurpower	01/'98 →	IK16	062120030304	1,1	IK16	062120030304	
1.9 (NB) i 16V (J07E)	103	BPD (DOHC)		01/'98→	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.9 (NB) i 16V (J07E)	103	BPD (DOHC)	Iridiurpower	01/'98 →	IK20	062120040304	1,1	IK20	062120040304	
MX6 (GE)										
2.0 i 16V	85	FS D (DOHC)	Cat	'91→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.5 i V-6 24V	121	KL (DOHC)	Cat	07/'91→			1,1	IK16	062120030304	
PICK-UP										
1.0 B 1000		PC	Cat	'91→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.6 B 1600		NA	Cat	'91→	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.8 B 1800		VC	Cat	'91→	K16PR-U11	062110030304	1,1	IK16	062120030304	
PREMACY (CP)										
1.8 i 16V	73-85	FPD (DOHC, D-DLI)		05/'99→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.0 i 16V	96	FS (DOHC, D-DLI)		11/'01→	K16PR-U11	062110030304	1,1	IK16	062120030304	
TRIBUTE (EP..)										
2.0 i 16V	95	YF (DOHC)		03/'00→	PT16VR13	062110220304	1,0	ITV16	062120060304	
XEDOS 6 (CA)										
1.6 i 16V	84	B 6 (DOHC)		'92-95	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.6 i 16V	79	B 6 (DOHC)		09/'94→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.0 i V-6 24V	106-108	KF 11 / 12 (DOHC)		01/'92→	K20PR-U11	062110080304	1,1	IK20	062120040304	
XEDOS 9 (TA)										
2.0 i V-6 24V	105	KF (- ZE)		07/'93→			1,1	IK16	062120030304	
2.5 i V-6 24V	128	KL-ZE (DOHC)		07/'93→			1,1	IK20	062120040304	
2.5 i V-6 24V	128	KJD (DOHC)		07/'97→	K20PR-U11	062110080304	1,1	IK20	062120040304	
XRONOS										
2.0 2000		FSD (DOHC)		'93→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.0 2000		KFD (DOHC)		'93→			1,1	IK16	062120030304	
2.5 2500 V-6		KLD (DOHC)		'93→			1,1	IK16	062120030304	

MERCEDES-BENZ

208 / 308										
208 2.3 T1	62	M 115.955 / 972		05/'77-08/'82	W20EP-U	062110410304	0,8	IW20	062120070304	
308 2.3 T1	62	M 115.955 / 972		05/'77-08/'82	W20EP-U	062110410304	0,8	IW20	062120070304	



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309

309 2.3	70	M 102.943		08/82-02/89	T20EP-U	062110330304	0,8		
309 2.3 B	66	M 115.952		01/75-08/82	W20EP-U	062110410304	0,8	IW20	062120070304

210 / 310 / 410 / 510

210 2.3 T1	70-77	M 102.942 / 945		08/82→	T20EP-U	062110330304	0,8		
310 2.3 T1	70-77	M 102.942 / 945		08/82→	T20EP-U	062110330304	0,8		
410 2.3 T1	70-77	M 102.942 / 945		08/82→	T20EP-U	062110330304	0,8		
510 2.3	70-77	M 102.946		04/86→	T20EP-U	062110330304	0,8		

107 SERIE

2.8 (107)	130-136	M 110.982 / 86 / 90		06/76-07/85	W20EP-U	062110410304	0,8	IW20	062120070304
2.8 (107)	130-136	M 110.982 / 986		06/76-09/81	W20EP-U	062110410304	0,8	IW20	062120070304
3.0 (107)	132-138	M 103.982		09/85-08/89	T20EP-U	062110330304	0,8		
3.5 (107)	144	M 116.982 / 984		03/76-02/80	W20EP-U	062110410304	0,8	IW20	062120070304
3.8 (107)	160	M 116.960 / 962		07/80-08/85	W20EP-U	062110410304	0,8	IW20	062120070304
4.2 (107)	150-160	M 116.964		01/86-08/89	W20EP-U	062110410304	0,8	IW20	062120070304
4.5 (107)	161-167	M 117.982 / 985		76-10/80	W20EP-U	062110410304	0,8	IW20	062120070304
5.0 (107)	177	M 117.960		06/78-02/80	W20EP-U	062110410304	0,8	IW20	062120070304
5.0 (107)	164-180	M 117.964		01/86-08/89	W20EP-U	062110410304	0,8	IW20	062120070304
5.0 (107)	177	M 117.960		03/80-09/81	W20EP-U	062110410304	0,8	IW20	062120070304

114 SERIE

2.8 (114)	118-136	M 110.981		06/72-11/76	W20EP-U	062110410304	0,7	IW20	062120070304
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116 SERIE

2.8 (116)	130-136	M 110.985		08/76-07/80	W20EP-U	062110410304	0,8	IW20	062120070304
3.5 (116)	143-152	M 116.985		03/76-03/80	W20EP-U	062110410304	0,8	IW20	062120070304
4.5 (116)	161-167	M 117.986		12/75-04/80	W20EP-U	062110410304	0,8	IW20	062120070304

123 SERIE

2.0 (123)	62-70	M 115.938 / 939		02/76-08/80	W20EP-U	062110410304	0,8	IW20	062120070304
2.0 (123)	74-80	M 102.920 / 939		06/80-11/85	T20EP-U	062110330304	0,8		
2.3 (123)	80	M 115.954		02/76-03/81	W20EP-U	062110410304	0,8	IW20	062120070304
2.3 (123)	100	M 102.980		04/80-12/85	T20EP-U	062110330304	0,8		
2.5 (123)	95-103	M 123.920 / 921		02/76-07/85	W20EP-U	062110410304	0,8	IW20	062120070304
2.5 (123)	95-103	M 123.920 / 921	LC (S)	02/76-07/85	W20EP-U	062110410304	0,8	IW20	062120070304
2.8 (123)	115	M 110.923		02/76-08/81	W20EP-U	062110410304	0,8	IW20	062120070304
2.8 (123)	130-136	M 110.984 / 988		02/76-11/85	W20EP-U	062110410304	0,8	IW20	062120070304
2.8 (123)	130-136	M 110.984 / 988	(CH, S)	02/76-11/85	W16EP-U	062110360304	0,8		

124 SERIE

2.0 (124)	77-80	M 102.922		12/84-05/90	T20EP-U	062110330304	0,8		
2.0 (124)	87-90	M 102.963		12/88-06/92	T20EP-U	062110330304	0,8		
2.0 (124)	100	M 111.940	W/W Cat	10/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
2.2 (124)	110	M 111.960		10/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
2.3 (124)	90-100	M 102.982	W/W Cat	12/84-06/93	T20EP-U	062110330304	0,8		
2.6 (124)	117-122	M 103.940 / 943		09/85-09/92	T20EP-U	062110330304	0,8		
2.8 (124)	145	M 104.942		10/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
3.0 (124)	132-138	M 103.983		09/85-09/92	T20EP-U	062110330304	0,8		
3.0 (124)	162	M 104.980		09/89-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
3.0 (124)	132-138	M 103.985		09/86-06/93	T20EP-U	062110330304	0,8		
3.2 (124)	162	M 111.992		10/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304

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124 SERIE									
4.2 (124)	205-210	M 119.975		09/91-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
5.0 (124)	235-240	M 119.974		06/91-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
126 SERIE									
2.6 (126)	118-122	M 103.941		09/85-02/87	T20EP-U	062110330304	0,8		
2.6 (126)	118-122	M 103.941		03/87-06/91	T20EP-U	062110330304	0,8		
2.8 (126)	115	M 110.924 / 926		12/79-07/85	W20EP-U	062110410304	0,8	IW20	062120070304
2.8 (126)	136	M 110.987 / 989		10/79-07/85	W20EP-U	062110410304	0,8	IW20	062120070304
3.0 (126)	132-138	M 103.981		09/85-06/91	T20EP-U	062110330304	0,8		
3.8 (126)	150-160	M 116.961 / 963		12/79-08/85	W20EP-U	062110410304	0,8	IW20	062120070304
4.2 (126)	150-170	M 116.965		09/85-06/91	W20EP-U	062110410304	0,8	IW20	062120070304
5.0 (126)	170-195	M 117.961 / 63 / 65		12/79-06/91	W20EP-U	062110410304	0,8	IW20	062120070304
5.6 (126)	178-220	M 117.968	W/W Cat	10/85-06/91	W20EP-U	062110410304	0,8	IW20	062120070304
129 SERIE									
3.0 (129)	140	M 103.984		03/89-08/93	T20EP-U	062110330304	0,8		
3.0 (129)	170	M 104.981		03/89-07/93	Q20P-U	062110270304	0,8	IK20	062120040304
5.0 (129)	240	M 119.960		03/89-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
6.0 (129)	290	M 120.981		07/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
140 SERIE									
2.8 (140)	142-145	M 104.944	Cat	09/92→	Q20P-U	062110270304	0,8	IK20	062120040304
3.2 (140)	170	M 104.990		03/91-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
4.2 (140)	210	M 119.971		02/91-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
5.0 (140)	235-240	M 119.970		02/91-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
5.0 (140)	235-240	M 119.970		10/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
6.0 (140)	290-300	M 120.980		04/91-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
6.0 (140)	290-300	M 120.980		10/92-06/93	Q20P-U	062110270304	0,8	IK20	062120040304
190 SERIE									
190 E 1.7 (201)	77	M 102.919		05/92-08/93	T20EP-U	062110330304	0,8		
190 E 1.8 (201)	80	M 102.910		05/90-05/93	T20EP-U	062110330304	0,8		
190 2.0 (201)	63-77	M 102.921 / 924	W/W Cat	10/82-05/90	T20EP-U	062110330304	0,8		
190 E 2.0 (201)	90	M 102.961 / 962		10/82-08/86	T20EP-U	062110330304	0,8		
190 E 2.0 (201)	87-90	M 102.962	Cat	09/85-08/93	T20EP-U	062110330304	0,8		
190 E 2.3 (201)	136	M 102.983		04/84-01/87	T22EP-U	062110340304	0,8		
190 E 2.3 (201)	125-130	M 102.983	Cat	09/85-08/88	T22EP-U	062110340304	0,8		
190 E 2.3 (201)	97-100	M 102.985	W/W Cat	09/86-05/93	T20EP-U	062110330304	0,8		
190 E 2.5 (201)	143-150	M 102.990		09/88-05/93	T20EP-U	062110330304	0,8		
190 E 2.5 (201) Evo.1	143	M 102.991		03/89-04/90	T20EP-U	062110330304	0,8		
190 E 2.5 (201) Evo.1	173	M 102.992	Cat	05/90-05/93	T20EP-U	062110330304	0,8		
190 E 2.6 (201)	118-122	M 103.942		09/86-05/93	T20EP-U	062110330304	0,8		
460 SERIE									
2.3 (460)	66-75	M 115.973		03/79-03/82	W20EP-U	062110410304	0,8	IW20	062120070304
2.3 (460)	92	M 102.981		04/82-08/85	T20EP-U	062110330304	0,8		
2.3 (460)	90-92	M 102.987	W/W Cat	09/85-93	T20EP-U	062110330304	0,8		
2.8 (460)	110-115	M 110.994		11/79-08/89	W20EP-U	062110410304	0,8	IW20	062120070304



kW



Note

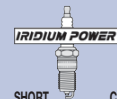


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MERCEDES-BENZ

463 SERIE

2.3 (463)	93-95	M 102.989	W/W Cat	09/89→	T20EP-U	062110330304	0,8		
3.0 (463)	125	M 103.987		09/89→	T20EP-U	062110330304	0,8		

A-CLASS

140 1.4 (168)	60	M 166.940		10/97→	K20PBR-S10	062110060304	1,0	IK16	062120030304
150 1.5 (169)	70	M 266.920		09/04→	K20PR-U11	062110080304	0,9	IK20	062120040304
160 1.6 (168)	75	M 166.960		10/97→	K20PBR-S10	062110060304	1,0	IK16	062120030304
170 1.7 (169)	85	M 266.940		09/04→	K20PR-U11	062110080304	0,9	IK20	062120040304
190 1.9 (168)	92	M 166.990		06/99→	K20PBR-S10	062110060304	1,0	IK16	062120030304
200 2.0 (169)	100	M 266.960		09/04→	K20PR-U11	062110080304	0,9	IK20	062120040304
210 2.1 (168)	103	M 166.995		03/02→	K20PBR-S10	062110060304	1,0	IK20	062120040304

B-CLASS

150 1.5 (245)	70	M 266.920		03/05→	K20PR-U11	062110080304	0,9	IK20	062120040304
170 1.7 (245)	85	M 266.940		03/05→	K20PR-U11	062110080304	0,9	IK20	062120040304
200 2.0 (245)	100	M 266.960		03/05→	K20PR-U11	062110080304	0,9	IK20	062120040304

C-CLASS

180 1.8 (202)	89	M 111.921	W/O Cat	11/94-03	Q16P-U11	062110240304	0,8	IK16	062120030304
180 1.8 (202)	90	M 111.920		03/93-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
180 1.8 (202)	90	M 111.920 / 111.921		07/97-03	K20PBR-S10	062110060304	1,0	IK16	062120030304
200 2.0 (202)	100	M 111.941		01/94-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
200 2.0 (202)	100	M 111.941 / 111.945		07/97-03	K20PBR-S10	062110060304	1,0	IK16	062120030304
200 Kopr. 2.0 (202)	132	M 111.944 (Superchargd)		10/95-03	K20PBR-S10	062110060304	1,0	IK20	062120040304
220 2.2 (202)	110	M 111.961		03/93-03	Q20P-U	062110270304	0,8	IK20	062120040304
230 2.3 (202)	141	M 111.974		06/96-03	Q20P-U	062110270304	0,8	IK20	062120040304
230 Kopr. 2.3 (202)	142	M 111.975 (Superchargd)		10/95-03	K20PBR-S10	062110060304	1,0	IK20	062120040304
240 2.4 (202)	125	M 112.910	Twin spark'	02/97-03	PK16PR-L11	062110540304	1,0		
240 2.6 (203)	125	M 112.912	Twin spark'	05/00 →	PK16PR-L11	062110540304	1,0		
280 2.8 (202)	142	M 104.941		05/93-05/97	Q20P-U	062110270304	0,8	IK20	062120040304
280 2.8 (202)	145	M 112.920	Twin spark'	06/97-03	PK16PR-L11	062110540304	1,0		
320 3.2 (203)	160	M 112.946	Twin spark'	05/00 →	PK16PR-L11	062110540304	1,0		
36 AMG 3.6 (202)	206	M 104. E36		06/93-03	K20TXR	062110120304	0,9	IK16	062120030304
43 AMG 4.3 (202)	227	M 113.943	Twin spark'	09/97-03	PK16PR-L11	062110540304	1,0		

CL-CLASS

420 4.2 (140) V-8 24V	205	M 119.981		06/96-06/97	Q20P-U	062110270304	0,8		
420 4.2 (140) V-8 24V	205	M 119.981		06/97→	PK16PR11	062110170304	1,0		
500 5.0 (140) V-8 24V	235	M 119.980		06/97→	PK16PR11	062110170304	1,0		
500 5.0 (215) V-8 24V	254	M 119.960	Twin spark'	09/00 →	PK16PR11	062110170304	1,0		
600 6.0 (140) V-12 36V	290	M 119.982		06/96-06/97	Q20P-U	062110270304	0,8		
600 5.8 (140) V-12 36V	290	M 119.982		06/97→	PK16PR11	062110170304	1,0		
600 5.8 (215) V-12 36V	295	M 119.970	Twin spark'	03/99 →	PK20PR11	062110180304	1,0		
55 AMG 5.5 (215) V-8 24V	265	M 113.986	Twin spark'	10/99 →	PK16PR11	062110170304	1,0		

CLK-CLASS

200 2.0 (208) 16V	100	M 111.945		02/97→	K20TXR	062110120304	0,9	IK16	062120030304
200 Kopr. 2.0 (208) 16V	141	M 111.944 (Superch.)		02/97-06/00	K20PBR-S10	062110060304	1,0	IK20	062120040304
230 Kopr. 2.3 (208) 16V	142	M 111.975 (Superch.)		02/97-06/00	K20PBR-S10	062110060304	1,0	IK20	062120040304
240 2.6 (209) V-6 18V	125	M 112.912	Twin spark'	02/03 →	PK16PR11	062110170304	1,0		
320 3.2 (208) V-6 18V	160	M 112.940	Twin spark'	06/97 →	PK16PR-L11	062110540304	1,0		

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CLK-CLASS

320 3.2 (209) V-6 18V	160	M 112.955	Twin spark'	02/03 →	PK16PR11	062110170304	1,0		
430 4.3 (208) V-8 24V	202	M 113.943	Twin spark'	09/98 →	PK16PR-L11	062110540304	1,0		
500 5.0 (209) V-8 24V	225	M 112.968	Twin spark'	02/03 →	PK16PR11	062110170304	1,0		
55 AMG 5.4 (208) V-8 24V	255	M 113.984	Twin spark'	05/99-04/02	PK16PR11	062110170304	1,0		

CLS-CLASS

500 5.0 (219)	225	M 113.976	Twin spark	10/04 →	PK16PR-L11	062110540304	1,0		
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E-CLASS

200 2.0 (124)	100	M 111.940		06/93-06/95	Q20P-U	062110270304	0,8	IK20	062120040304
200 2.0 (210)	100	M 111.942		06/95-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
200 2.0 (210)	100	M 111.942		07/97-'03	K20PBR-S10	062110060304	1,0	IK20	062120040304
220 2.2 (124)	110	M 111.960		06/93-06/95	Q20P-U	062110270304	0,8	IK20	062120040304
230 2.3 (210)	110	M 111.970		06/95-06/97	Q20P-U	062110270304	0,8	IK16	062120030304
230 2.3 (210)	110	M 111.970		07/97-09/97	K20PBR-S10	062110060304	1,0	IK16	062120030304
240 2.4 (210) V-6 18V	125	M 112.911	Twin spark'	09/97-'03	PK16PR-L11	062110540304	1,0		
240 2.4 (211) V-6 18V	130	M 112.913	Twin spark'	03/02 →	PK16PR-L11	062110540304	1,0		
280 2.8 (124)	142	M 104.942		06/93-06/95	Q20P-U	062110270304	0,8	IK20	062120040304
280 2.8 (124)	142-145	M 104.942		06/93-'03	Q20P-U	062110270304	0,8	IK20	062120040304
280 2.8 (210)	142	M 104.945		01/96-03/97	Q20P-U	062110270304	0,8	IK16	062120030304
280 2.8 (210) V-6 18V	145	M 112.920 / .921	Twin spark'	03/97-'03	PK16PR-L11	062110540304	1,0		
300 3.0 (124)	132	M 103.985		07/93-06/95	T20EP-U	062110330304	0,8		
320 3.2 (124)	162	M 104.992		06/93-06/95	Q20P-U	062110270304	0,8	IK20	062120040304
320 3.2 (210)	162	M 104.995		06/95-03/97	Q20P-U	062110270304	0,8	IK16	062120030304
320 3.2 (210) V-6 18V	165	M 112.941	Twin spark'	03/97-'03	PK16PR-L11	062110540304	1,0		
320 3.2 (211) V-6 18V	165	M 112.949	Twin spark'	03/02 →	PK16PR-L11	062110540304	1,0		
420 4.2 (124)	205	M 119.975		06/93-06/95	Q20P-U	062110270304	0,8	IK20	062120040304
420 4.2 (210)	205	M 119.985		01/96-06/97	Q20P-U	062110270304	0,8	IK16	062120030304
420 4.2 (210)	205	M 119.985		07/97-09/97	K20PBR-S10	062110060304	1,0	IK16	062120030304
430 4.3 (210) V-8 24V	205	M 112.940	Twin spark'	09/97-'03	PK16PR-L11	062110540304	1,0		
500 5.0 (124)	235	M 119.974		06/93-06/95	Q20P-U	062110270304	0,8	IK20	062120040304
500 5.0 (211) V-8 18V	225	M 113.967	Twin spark'	03/02 →	PK16PR-L11	062110540304	1,0		
36 AMG T 3.6 (124) V-8 24V	200	M 104.992	Twin spark'	05/94-06/96	Q20P-U	062110270304	0,8		
50 AMG 5.0 (210)	255	M 119.E50		'96-'03	K20TXR	062110120304	0,9	IK16	062120030304
55 AMG 5.5 (210) V-8 24V	260	M 113.980	Twin spark'	06/97-'03	PK16PR-L11	062110540304	1,0		
55 AMG 5.4 (211) V-8 24V	350	M 113.AMG	Twin spark'	10/02 →	PK16PR-L11	062110540304	1,0		

G-CLASS

200 2.0 (463)	80	M 102.965		09/93 →	T20EP-U	062110330304	0,8		
230 2.3 (463)	93	M 102.989		08/93-10/94	T20EP-U	062110330304	0,8		
300 3.0 (463)	125	M 103.987		08/93-10/94	T20EP-U	062110330304	0,8		
320 3.2 (463)	155	M 104.996		09/93-11/97	Q20P-U	062110270304	0,8		
320 3.2 (463)	158	M 112.945		11/97 →	PK16PR11	062110170304	1,0		
500 5.0 (463)	177	M 117.965		08/93-10/94	W20EP-U	062110410304	0,8	IW20	062120070304
500 5.0 (463)	218	M 113.962		04/98 →	PK16PR11	062110170304	1,0		
55 AMG 5.0 (463)	260	M 113.982		04/99 →	PK16PR11	062110170304	1,0		



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L-CLASS

207 1.8	52	Austin A70		03/73-07/77	W20EP-U	062110410304	0,8	IW20	062120070304
307 1.8	52	Austin A70		03/73-07/77	W20EP-U	062110410304	0,8	IW20	062120070304
409 2.3	66	M 115.952		01/75-08/82	W20EP-U	062110410304	0,8	IW20	062120070304
409 G 2.3	66	M 115.970		01/75-08/82	W20EP-U	062110410304	0,8	IW20	062120070304
410 2.3	70	M 102.943		08/82-12/88	T20EP-U	062110330304	0,8		

M-CLASS

230 2.3 (163) 16V	110	M 111.977		03/98→	K20PBR-S10	062110060304	1,0	IK16	062120030304
320 3.2 (163) V-6 18V	160	M 112.942	Twin spark'	09/97 →	PK16PR-L11	062110540304	1,0		
350 3.5 (163) V-6 18V	180	M122.970	Twin spark'	09/02 →	PK16PR11	062110170304	1,0		
430 4.3 (163) V-8 24V	200	M 113.942	Twin spark'	02/98 →	PK16PR-L11	062110540304	1,0		
500 5.0 (163) V-8 24V	215	M 113.965	Twin spark'	09/01 →	PK16PR-L11	062110540304	1,0		
55 AMG 5.4 (163) V-8 24V	255	M 113.981	Twin spark'	02/00 →	PK16PR-L11	062110540304	1,0		

S-CLASS

280 2.8 (140)	142	M 104.944		06/93-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
280 2.8 (220) V-6 18V	150	M 122.922	Twin spark'	10/99 →	PK16PR11	062110170304	1,0		
320 3.2 (140)	170	M 104.994		06/93-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
320 3.2 (220) V-6 18V	165	M 112.941	Twin spark'	10/98 →	PK16PR-L11	062110540304	1,0		
350 3.7 (220) V-6 18V	180	M 112.972	Twin spark'	08/02 →	PK16PR11	062110170304	1,0		
420 4.2 (140)	205	M 119.971 / M 119.981		06/93-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
430 4.3 (220) V-8 24V	205	M 113.941	Twin spark'	10/98 →	PK16PR-L11	062110540304	1,0		
500 5.0 (140)	235	M 119.970		06/93-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
500 5.0 (220) V-8 24V	225	M 113.960	Twin spark'	10/98 →	PK16PR11	062110170304	1,0		
600 6.0 (140)	290	M 120.980 / M 120.982		06/93-06/98	Q20P-U	062110270304	0,8	IK16	062120030304
55 AMG 5.4 (220) V-8 24V	265	M 113.986	Twin spark'	08/00-08/02	PK16PR11	062110170304	1,0		

SL-CLASS

280 2.8 (129)	142	M 104.943		06/93-06/97	Q20P-U	062110270304	0,8	IK16	062120030304
280 2.8 (129)	142	M 104.943		07/97-06/98	K20PBR-S10	062110060304	1,0	IK16	062120030304
280 2.8 (129)	150	M 112.923	Twin spark	05/98-10/01	PK16PR11	062110170304	1,0		
320 3.2 (129)	170	M 104.991		06/93-06/97	Q20P-U	062110270304	0,8	IK16	062120030304
320 3.2 (129)	170	M 104.991		07/97-06/98	K20PBR-S10	062110060304	1,0	IK16	062120030304
320 3.2 (129)	165	M 112.943	Twin spark	06/98-08/01	PK16PR11	062110170304	1,0		
350 3.7 (230)	180	M 112.973	Twin spark	03/03→	PK16PR11	062110170304	1,0		
500 5.0 (129)	235-240	M 119.972 / M 119.982		06/93-06/97	Q20P-U	062110270304	0,8	IK20	062120040304
500 5.0 (129)	225	M 113.961	Twin spark	06/98-08/01	PK16PR11	062110170304	1,0		
500 5.4 (230)	225	M 113.963	Twin spark	10/01→	PK16PR11	062110170304	1,0		
600 6.0 (129)	290	M 120.981 / M 120.983		06/93-08/97	Q20P-U	062110270304	0,8	IK16	062120030304
600 6.0 (129)	290	M 120.983	Twin spark	09/97-08/01	PK16PR11	062110170304	1,0		
55 AMG 5.5 (230)	350	M 113.992	Twin spark	10/01→	PK16PR11	062110170304	1,0		
60 AMG 6.0 (129)	260	M 119.E60		07/93→	K20TXR	062110120304	0,9	IK16	062120030304
73 AMG 7.3 (129)		M 120.E73		99→	PK16PR11	062110170304	1,0		

SLK-CLASS

200 2.0 (170)	100	M 111.946		09/96-03/00	K20PBR-S10	062110060304	1,0	IK16	062120030304
200 Kopr. 2.0 (170)	135	M 119.943 (Superchargd)		10/96-01/00	K20PBR-S10	062110060304	1,0	IK20	062120040304
230 Kopr. 2.3 (170)	142	M 111.973 (Superchargd)		09/96-01/00	K20PBR-S10	062110060304	1,0	IK20	062120040304
320 Kopr. 3.2 (170)	160	M 112.947 (Superchargd)	Twin spark	03/00 →	PK16PR11	062110170304	1,0		





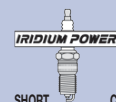
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SPRINTER 214 / 314 / 414

2.3 (901, 902, 903, 904)	105	M 111.979 / 984		02/'95→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.3 NGT (901, 902, 903, 904)	92	M 111.979 / 984	Natural Gas	04/'00→	PK20PR11	062110180304	1,1	IK20	062120040304

V-CLASS

200 2.0 (638)	128	M 111.948		02/'97→	K20PBR-S10	062110060304	1,0	IK16	062120030304
230 2.3 (638)	105	M 111.978 E23		10/'96→	K20PBR-S10	062110060304	1,0	IK16	062120030304
280 2.8 (638) VR-6	128	M 104.900 (AFS)		08/'97→	K20TXR	062110120304	0,8	IK16	062120030304

VANEO (414)

1.6 (414)	60-75	M 166.961		02/'02→	K20PBR-S10	062110060304	1,0	IK16	062120030304
1.9 (414)	92	M 166.991		02/'02→	K20PBR-S10	062110060304	1,0	IK16	062120030304

VIANO (W639)

3.2 (639)	140	M 112.951	Twin spark	09/'03→	PK16PR-L11	062110540304	1,1		
3.2 (639)	140	M 112.951	Twin spark	09/'03→	PK16PR-L11	062110540304	1,1		
3.7 (639)	170	M 112.976		06/'04→	PK16PR-L11	062110540304	1,1		

VITO

113 2.0 (638)	95	M 111.948		02/'96→	K20PBR-S10	062110060304	1,0	IK16	062120030304
114 2.3 (638)	105	M 111.978 E23		12/'96→	K20PBR-S10	062110060304	1,0	IK16	062120030304
119 3.2 (639)	140	M 112.951		09/'03→	PK16PR-L11	062110540304	1,1		
122 3.2 (639)	160	M 112.951		09/'03→	PK16PR-L11	062110540304	1,1		
123 3.7 (639)	170	M 112.976		06/'04→	PK16PR-L11	062110540304	1,1		

MERCURY (EUROPE)
COUGAR

2.0 i 16V	93	EDBA (Zetec)		'99→	PT16VR13	062110220304	1,2	ITV16	062120060304
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SABLE

3.0 i	140	V-6 EFI		'88-'96	T20EPR-U	062110320304	0,9		
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MG
MG-B

1.8 B-series Sports	61			'61-'81	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 B-series TC / GT	61			'61-'81	W20EPR-U	062110390304	0,8	IW20	062120070304

MG-C

GT				'68-'71	W20EPR-U	062110390304	0,8	IW20	062120070304
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MG-F

1.8 i 16V	87	K-series		'95-'01	PK20PR-P8	062110190304	0,9		
1.8 i 16V	106	K-series VVC		'95-'01	PK20PR-P8	062110190304	0,9		

MG-TF

115 - 1.6 i 16V	85	DOHC - K16		03/'02→	PK20PR11	062110180304	1,0	IK20	062120040304
120 - 1.8 i 16V	88	DOHC - K16		03/'02→	PK20PR11	062110180304	1,0	IK20	062120040304
130 - 1.8 i 16V	100	DOHC - K16		03/'02→	PK20PR11	062110180304	1,0	IK20	062120040304
160 - 1.8 i 16V	118	DOHC - K16 VVC		03/'02→	PK20PR11	062110180304	1,0	IK20	062120040304

MIDGET

1.5 1500	48	Triumph TC		'74-'80	W16EPR-U	062110350304	0,8		
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RV-8

3.9 i V-8	140			'94→	W16EPR-U	062110350304	0,9		
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		kW		Note			CODE	Gap		CODE
MG										
ZR										
105 - 1.4 i 16V		66-76	DOHC - K16		06/01	PK20PR11	062110180304	1,0		
120 - 1.8 i 16V		86	DOHC - K16		06/01→	PK20PR11	062110180304	1,0		
160 - 1.8 i 16V		118	DOHC - K16		06/01→	PK20PR11	062110180304	1,0		
ZS										
120 - 1.8 i 16V		86	DOHC - K16		07/01→	PK20PR11	062110180304	1,0		
180 - 2.5 i V-6 24V		130	DOHC - K-V6		07/01→	PK20PR11	062110180304	1,0		
ZT / ZT-T										
160 - 1.8 i 16V		118	DOHC - K16		06/01→	PK20PR11	062110180304	1,0		
180 - 2.5 i V-6 24V		130	DOHC - K-V6		06/01→	PK20PR11	062110180304	1,0		
190 - 2.5 i V-6 24V		140	DOHC - K-V6		06/01→	PK20PR11	062110180304	1,0		
260 - 4.6 i V-8		191	V-8		10/03→	PK20PR11	062110180304	1,0		
MINI (BMW)										
COOPER										
1.6 (R50/52) i 16V		85	W10 B16A		06/01→	K20TXR	062110120304	1,0	IK20	062120040304
COOPER S										
1.6 (R52/53) i 16V		120-125	W11 B16A	Superchargd	03/02 →	K20TXR	062110120304	1,0	IK20	062120040304
COOPER S JCW										
1.6 (R53) i 16V		160	W11 B16A	Superchargd	03/02 →	K20TXR	062110120304	1,0	IK20	062120040304
ONE										
1.6 (R50/52) i 16V		66	W10 B16A		06/01→	K20TXR	062110120304	1,0	IK20	062120040304
MITSUBISHI										
3000 GT										
3.0 i V-6 24V			6G72 (DOHC, MPI)	Cat	04/90-05/93	PK20PR-P11	062110570304	1,1		
3.0 i V-6 24V		206-210	6G72 (DOHC, MPI)	Twin Turbo	'92→	PK20PR-P11	062110570304	1,1		
CANTER										
2.0 i 16V		79	4 G 63		09/96→	K16PR-U	062110020304	0,8	IK16	062120030304
2.4			4G52		'72-'80	W16EP-U	062110360304	0,8		
2.4 FC 35 B		62	4G53		'74-'83	W20EP-U	062110410304	0,8	IW20	062120070304
2.6 FC 35 B		73-76	4G54		'80→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.6 55		76	4G54		'82→	W20EPR-U	062110390304	0,8	IW20	062120070304
CARISMA (DA)										
1.3 i 16V		60	4G13 (SOHC)		05/96→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 i 16V		66-76	4G92 (SOHC)		05/95→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 i 16V		85	4G93 (SOHC)		05/95→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 i 16V		103	4G93 (DOHC)		05/95→	K20PR-U11	062110080304	1,1	IK20	062120040304
3.0 i V-6 24V (4x4)		136	6G72		'96→	PK20PR-P11	062110570304	1,1		
COLT										
1.1 (6 - Z3) i 12V		55	3A91 (DOHC) (Mpi VVT)		06/04→	K20HR-U11	062110040304	1,0		
1.2 (2 - C1) 1200		40-44	4G16		'84-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - C1) 1300		49	G13B	Cat	'86-'88	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.3 (3 - C5) 12V		49-55	4G13		'88-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (3 - C5) 12V		55	4G13 (SOHC) FBC (EiCarb.)	Cat	'90-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.3 (4 - CA) i 12V		55	4G13 (SOHC)		04/92-04/96	W16EPR-U11	062110610304	1,1		
1.3 (5 - CJ1) i 12V GL (RHD)		55	4G13 (SOHC) (5-speed manual)	RHD (5 M/T)	11/95-05/99	W16EP-U	062110360304	0,8		

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1.3 (5 - CJ1) i 12V	55	4G13 (SOHC)		11/95-05/00	W16EPR-U11	062110610304	1,1		
1.3 (5 - CJ1) i 12V	55	4G13 (SOHC) (Distributorless ig.)	Twin coil	06/00-06/04	K20PR-U11	062110080304	1,1	IK20	062120040304
1.3 (6 - Z3) i 16V	70	4A90 (DOHC) (Mpi VVT)		06/04→	K20HR-U11	062110040304	1,0		
1.5 (2 - C1) 1500	51	G15B	Cat	'85-'88	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5 (2 - C1) 12V	55	4G15		'84-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 (3 - C5) 12V	62	4G15 (SOHC)		'88-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.5 (3 - C5) i 12V	62-66	4G15 (SOHC) MPi	Cat	'88-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.5 (6 - Z3) i 16V	80	4A91 (DOHC) (Mpi VVT)	Mivec	06/04→	K20HR-U11	062110040304	1,0		
1.5 (6 - Z3) CZC i 16V	80	4A91 (DOHC) (Mpi VVT)	Mivec	05/06→	K20HR-U11	062110040304	1,0		
1.6 (2 - C1) 1600 i Turbo	77	G32B (Turbo)		'86-'88	W22EPR-U	062110430304	0,8		
1.6 (2 - C1) 1600 i Turbo	92	4G32 T (Turbo)		'83-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (3 - C5) i 16V GTi	91-100	4G61 (DOHC)		'88-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (4 - CA) i 16V	83	4G92 (SOHC)		04/92-04/96	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 (5 - CJ1) i 16V	66	4G92 (SOHC)	Twin coil	11/95-06/03	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 (5 - CJ1) i 16V GL		4G92 (SOHC) MVV	Twin coil	11/95-05/99	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 (3 - C5) i 16V GTi	100	4G67 (DOHC)		'89-'92	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 (3 - C5) i 16V GTi	100	4G67 (DOHC) MPi	Cat	'89-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 (4 - CA) i 16V GTi	103	4G93 (DOHC)		04/92-04/96	K20PR-U11	062110080304	1,1	IK20	062120040304

CORDIA (A21)

1.6 1600 Turbo	84-100	4G32 (T) (Turbo)		'82-'84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 1600	55	4G32		'84-'86	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 1800	66	4G37		'86-'87	W20EPR-U	062110390304	0,8	IW20	062120070304

DIAMANTE

3.0 3000		6G72 (DOHC)		'94→	K20PR-U11	062110080304	1,1	IK20	062120040304
3.0 3000		6G72 (SOHC)		'94→	W20EPR-U11	062110400304	1,1	IW20	062120070304

ECLIPSE

1.8 (D2) 1800 Coupe	68	4G37	Cat	'90-'91	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (D2) i 16V	110	4G63 (SOHC / DOHC)	Cat	01/90-03/94	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (D3) GS	107	4G63 (DOHC)		08/95→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (D3) i 16V (2WD, 4WD)	161	4G63 (DOHC, Turbo) (J, USA)		01/94-06/97	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (D3) i 16V (2WD, 4WD)	161	4G63 (DOHC, Turbo) (J, USA)	Hard use	01/94-06/97			0,8	IW20	062120070304
2.4 (D5) i 16V	108	4G64 (SOHC, MPi)	(USA)	05/99→	K16PR-U11	062110030304	1,1	IK16	062120030304
3.0 (D5) i V-6 24V (GT)	147	4G72 (SOHC, MPi)	(USA)	05/99-09/00	PK20PR11	062110180304	1,1		
3.0 (D5) i V-6 24V (GT)	147	4G72 (SOHC, MPi)	(USA)	07/03→			0,8	IK20	062120040304

ENDEAVOR (D71W, D81W)

3.8 i V-6 24V (2WD, 4WD)	165	4G75 (SOHC, MPi)	(USA)	01/03→			0,8	IK20	062120040304
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EXPO

1.8 1800		4G93		'94→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.4 2400		4G64		'94→	K16PR-U11	062110030304	1,1	IK16	062120030304

FTO

1.8 i 16V	92	4 G 93		10/94→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 i V6 24V (rear MIVEC)	132	6 A 12 MIVEC		10/94→	PK22PR-L11S	062110590304	1,1		
2.0 i V6 24V	132	6 A 12		10/94→	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 i V6 24V	132	6 A 12		10/94→	PK20PR11	062110180304	1,1		

GALANT

1.2 (1 - A1) 1200				'76-'84	W20EPR-U	062110390304	0,8	IW20	062120070304
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FTO

1.4 (1 - A1) 1400					'76-'84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (1 - A1) 1600		4G32			'74-'80	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (2 - A16) 1600	55	4G32			'80-05/'84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (3 - E1)	55-68	4G32			'84-12/'87	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (4 - E3)	59	4G32 (SOHC)			11/'87-10/'92	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 (1 - A1) 1700		4G35			'73-'80	W16EP-U	062110360304	0,8		
1.8 (4 - E3)	66	4G37 (SOHC) Carb.			11/'89-10/'92	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 (4 - E3)	63	4G37 (SOHC) EICarb.	Cat		11/'87-10/'92	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 (4 - E3) i	66	4G37 (SOHC) (ECi)	Cat		11/'89-10/'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 (5 - E5)		4G37			10/'92-'97	W22EPR-U11	062110440304	1,1		
1.8 (5 - E5) i 16V	93	4G93 (SOHC) Mpi			10/'92-'97	K20PR-U11	062110080304	1,1	IK20	062120040304
1.9 (1 - A1) 1850		4G51			'76-'80	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (1 - A1) 2000		4G52 (SOHC)			'73-'80	W20EP-U	062110410304	0,8	IW20	062120070304
2.0 (2 - A16) 2000	75	4G63			'80-05/'84	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (3 - E1)	75-81	4G63			'84-'87	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (3 - E1)	66	G63B	Cat		'86-'87	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (3 - E1) i 16V	106-107	4G63 (DOHC)			'87-'88	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (4 - E3) i	82	4G63 (SOHC,MPi)			11/'87-10/'92	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 (4 - E3) i	80	4G63 (SOHC,MPi)	Cat		11/'87-10/'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (4 - E3) i 16V	107	4G63 (DOHC,MPi)			11/'87-10/'92	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (4 - E3) i 16V	106	4G63 (DOHC,MPi)	Cat		11/'87-05/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (4 - E3) i / i 16V (4WD, 4WD, 4WS)	80-107	4G63 (DOHC)			06/'90-10/'92	W22EPR-U11	062110440304	1,1		
2.0 (5 - E5) i 16V	101	4G63 (SOHC,MPi)			10/'92-'97	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (5 - E5) i V-6 24V	110	6A12 (DOHC)			10/'92-'97	PK20PR-P11	062110570304	1,1		
2.0 (6 - EA) i 16V	101	4G63 (SOHC,MPi)			09/'96→	PK20PR-P11	062110570304	1,1		
2.4 (3 - E1)	82	G64B	Cat		'85-'87	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.5 (5 - E5) i V-6 24V (.. / 4WD, 4WS)	125	6G73 (DOHC)			10/'92-'97	PK20PR-P11	062110570304	1,1		
2.5 (6 - EA) i V-6 24V	125	6G73 (DOHC)			10/'92→	PK20PR-P11	062110570304	1,1		
2.5 (6 - EA) i V-6 24V (Legum)	118-129	6A13 (SOHC)	(J)		02/'97 →	PK20PR-P11	062110570304	1,1		
2.5 (6 - VR4-S) i V-6 24V Turbo (Legum)	191	6A13 (DOHC)	(J)		02/'97→	PK20PR-P8	062110190304	0,8		

JEEP

2.0 2000	75	4G52			'75-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
2.6 2600	89	4G53			'82-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
L 200										
1.6 1600		4G32			'86-'92	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 1600		4G32			'92→	W16EPR-U	062110350304	0,8		
2.0 2000	65	4G63			'86-'92	W22EPR-U	062110430304	0,8		
2.0 2000	65	4G63			'92→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.4 2400 i 16V	82-90	4G64			'94→	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.6 2600		4G54			'87-05/'95	W20EPR-U11	062110400304	1,1	IW20	062120070304
3.0 3000 i V-6 24V	130	6G72			05/'98→	PK20PR-P11	062110570304	1,1		
L 300										
1.4 1400		4G33			'94→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 1600	48-51	4G32			'80-'94	W16EPR-U	062110350304	0,8		
1.8 1800 4x4	72	4G62			'83-'85	W16EPR-U	062110350304	0,8		
2.0 2000	65-66	4G63			'86-'94	W20EPR-U	062110390304	0,8	IW20	062120070304

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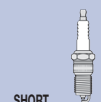
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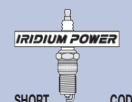
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JEEP										
2.0 2000	65	G63B	(CH)	'86-'88	W20EPR-U11	062110400304	1,1	IW20	062120070304	
2.0 i 16V	83	4G63		07/'96→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.4 2000 4x4	75	4G63		'85-'86	W16EPR-U	062110350304	0,8			
2.4 2400 i 4x4	82	4G64 (OHC, MPI)	Cat	'86-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304	
2.4 2400 i 4x4	82	4G64 (OHC, MPI)	Cat	'92→			1,1	IW20	062120070304	
2.4 2400 i	82	4G64 (OHC, MPI)	Cat	11/'90→			1,1	IW20	062120070304	

L 400										
2.0 i 16V	83	4G63		07/'96→	K16PR-U11	062110030304	1,1	IK16	062120030304	
2.4 i 16V	83	4G64		12/'94-03/'01	K16PR-U11	062110030304	1,1	IK16	062120030304	

LANCER										
1.2 (1 - A17.) 1200	41	4G11		'79-'83	W16EPR-U	062110350304	0,8			
1.2 (2 - A17.) 1200	40	4G16		'83-'84	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.2 (3 - C1/3) 1200	40	4G16 (SOHC)		'84-08/'86	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.2 (4 - C6/7) 1200	44	4G16		08/'86-'92	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.3 (3 - C1/3) 1300	49-55	4G13		'88-'92	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.3 (4 - C6/7) 1300	49-55	4G13	ICE	'91-'92	W16EPR-U	062110350304	0,8			
1.3 (5 - CB/D) i 12V	55	4G13 (SOHC)	Cat	06/'92-03/'96	W16EPR-U11	062110610304	1,1			
1.3 (6 - CK/P) i 12V	55	4G13 (SOHC)		'96-'03	W16EPR-U11	062110610304	1,1			
1.3 (7 - CS) i 16V (JT)	60	4G13 (SOHC)		01/'98→	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.4 (1 - A17.) 1400	50	4G12		'79-'83	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.4 (2 - A17.) 1400	52	4G12		'80-'83	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.4 (2 - A17.) 1400 Turbo	77	4G12 T		'80-'83	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.5 (3 - C1/3) 1500	55	4G15		'83-'88	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.5 (3 - C1/3) 1500	51	G15B	Cat	'83-'88	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.5 (4 - C6/7) 1500	62	4G15 (SOHC)	ICE	'91-'92	W16EPR-U	062110350304	0,8			
1.5 (4 - C6/7) 1500	62	4G15 (SOHC)		'90-'92	W16EPR-U11	062110610304	1,1			
1.5 (4 - C6/7) 1500 i	62-66	4G15 (SOHC)	Cat	'88-'90	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.5 (4 - C6/7) 1500 i	62-66	4G15 (SOHC)	Cat	'90-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.5 (5 - CB/D) i 12V	67	4G15 (SOHC)	Cat	'92-'96	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.5 (5 - CB/D) 1500 i		4G91 (MPi)		'94-'96	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.6 (1 - A17.) 1600	62	4G32		'78-'83	W20EP-U	062110410304	0,8	IW20	062120070304	
1.6 (3 - C1/3) 1600 Turbo		4G32 T		'83-'85	W22EPR-U	062110430304	0,8			
1.6 (3 - C1/3) 1600 Turbo		4G32 T		'86-'88	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.6 (5 - CB/D) 1600 i		4G92		'94-'96	K16PR-U11	062110030304	1,1	IK16	062120030304	
1.6 (5 - CB/D) i 16V (./ 4x4)	83	4G92 (SOHC)	Cat	'92-'96	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.6 (6 - CK/P) i 16V	83	4G92 (SOHC)	Cat	'96-'03	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.6 (7 - CS) i 16V (JT)	72	4G15 / 4G18 (SOHC)		01/'98→	K20PR-U11	062110080304	1,1	IK20	062120040304	
1.8 (3 - C1/3) 1800 i 4x4	61	G37B	Cat	'87-'89	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.8 (3 - C1/3) 1800 i 4x4	66	4G37		'87-'88	W20EPR-U	062110390304	0,8	IW20	062120070304	
1.8 (4 - C6/7) 1800 i 4x4	71	4G37 (EiCarb.)	Cat	'89-'92	W20EPR-U11	062110400304	1,1	IW20	062120070304	
1.8 (5 - CB/D) i 16V GTi	103	4G93 (DOHC) MPi	Cat	'91-'96	K20PR-U11	062110080304	1,1	IK20	062120040304	

LANCER EVO										
2.0 (CD9A) Evolution I		4G63 (Turbo)		10/'91-01/'94	W20EP-U	062110410304	0,8	IW20	062120070304	
2.0 (CE9A) Evolution II		4G63 (Turbo)		01/'94-08/'94	W22EP-U	062110450304	0,8			



		kW		Note			SHORT	CODE	Gap		SHORT	CODE
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MITSUBISHI												
MINI CAB												
0.5 500	24-28	G23B			'84-'88	W20EPR-U	062110390304	0,8	IW20	062120070304		
0.6 550	34	3G81 (DOHC)			'89→	W20EPR-U	062110390304	0,8	IW20	062120070304		
MINICA DANGAN ZZ												
0.55 i 15V (Turbo)	47	3G81	3 Cyl		'89→	XU22EPR-U	062110460304	0,9				
MIRAGE (A15..)												
1.2 1200		4G11			'79-'84	W16EPR-U	062110350304	0,8				
1.4 1400		4G12			'79-'84	W16EPR-U	062110350304	0,8				
1.4 1400 Turbo		4G12 T			'82-'84	W20EPR-U	062110390304	0,8	IW20	062120070304		
MONTERO												
2.4 i V-6		4G64 (MPi)			'98→	K16PR-U11	062110030304	1,1	IK16	062120030304		
3.0 V-6		6G72			'91→	W16EPR-U11	062110610304	1,1				
3.0 i V-6 24V	133	6G72			'97→	PK20PR-P11	062110570304	1,1				
OUTLANDER (AIRTREK)												
2.4 i 16V (CU4W)	118	4G64 (ECi)	Japan		02/03→	K16PR-U11	062110030304	1,1	IK16	062120030304		
PAJERO / SHOGUN												
2.4 2400 i (V21W)		4G64	Cat		'90→	W20EPR-U11	062110400304	1,1	IW20	062120070304		
2.6 2600 (L04)	76	4G54			'82-'84	W20EPR-U	062110390304	0,8	IW20	062120070304		
2.6 2600 (L04)	76	4G54			'84-'90	W16EPR-U	062110350304	0,9				
2.6 2600 (L04)	79	4G54	Cat		'86-'90	W20EPR-U11	062110400304	1,1	IW20	062120070304		
3.0 i V-6 (L14)	104-110	6G72	W/W Cat		'88-04/91	W16EPR-U11	062110610304	1,1				
3.0 i V-6 (V23, V43)	110	6G72	W/W Cat		05/91→	W16EPR-U11	062110610304	1,1				
3.0 i V-6 24V (V2.., V4..)	133	6G72	Cat		'97→	PK20PR-P11	062110570304	1,1				
3.0 i V-6 24V (4x4) (K90)	136	6G72 (SPORT)			11/98→	PK20PR-P11	062110570304	1,0				
3.5 Evolution (V55W)	180	4G74 (MIVEC) V-6 24V	(J)		10/97→	PK22PR8	062110580304	0,8				
3.8 i V-6 24V	184	6G 75	(V87W/V97W)		11/06→			0,8	IK20	062120040304		
PAJERO PININ												
1.8 i 16V (H7..W)	84	4G93 (ECi-Muti) (Mpi)			09/01→	K16PR-U11	062110030304	1,1	IK16	062120030304		
ROSA												
2.4	62	4G53			'75-'82	W20EP-U	062110410304	0,8	IW20	062120070304		
SAPPORO												
1.6 1600 GSR	55	4G32			'81-'87	W16EPR-U	062110350304	0,8				
2.0 2000 GLS / GSR	85	4G63 (S)			'81-'84	W22EPR-U	062110430304	0,8				
2.4 2400 i	91-95	4G64			05/87-08/89	W22EPR-U11	062110440304	1,1				
SIGMA (F16,F07)												
3.0 i V-6		6G72 (SOHC)			'90-'93	W20EPR-U11	062110400304	1,1	IW20	062120070304		
3.0 i V-6 24V (.. / 4WS)	151	6G72 (DOHC)			'90-'93	PK20PR-P11	062110570304	1,1				
3.0 i V-6		6G72 (SOHC) MPI			'94-07/96	W20EPR-U11	062110400304	1,1	IW20	062120070304		
3.0 i V-6 24V	151	6G72 (DOHC) MPI			'94-07/96	PK20PR-P11	062110570304	1,1				
SPACE GEAR												
2.0 2000 i	85	4G63			01/95→	K16PR-U11	062110030304	1,1	IK16	062120030304		
2.4 2400 i	97	4G64			01/95→	K16PR-U11	062110030304	1,1	IK16	062120030304		
2.4 2400 i 4x4	97	4G64			05/95→	K16PR-U11	062110030304	1,1	IK16	062120030304		
SPACE RUNNER												
1.8 1800 (N11, N21)	92	4G93			'91-'99	K20PR-U	062110070304	0,8	IK20	062120040304		
1.8 1800 (N11, N21)	90	4G93	Cat		'91-'99	K20PR-U11	062110080304	1,1	IK20	062120040304		
2.0 i 16V (N50)	98	4G63			10/98→	K20PR-U11	062110080304	1,1	IK20	062120040304		

DENSO



MAGNETI MARELLI



kW



Note



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SPACE STAR

1.3 i 16V	63	4G13 (+4G1)		06/98-05/00	K16PR-U11	062110030304	1,1	IK16	062120030304
1.3 i 16V	63	4G13 (+4G1)		06/00→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 i 16V	72	4G18 (+4G92)		04/01→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 i 16V	85	4G93		09/02→	K16PR-U11	062110030304	1,1	IK16	062120030304

SPACE WAGON

1.8 1800 (D05)	66	4G37		'84-'91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 i 16V (N31, N41)	90	4G93		'91-'92	K20PR-U	062110070304	0,8	IK20	062120040304
1.8 i 16V (N31, N41)	90	4G93 MPi	Cat	'91-'92	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 2000 (D04W, D08W)	62-75	G63B		'85-05/'88	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 2000 i (D04W, D08W)	74-75	4G63	Cat	06/'88-04/'91	W22EPR-U11	062110440304	1,1		
2.0 2000 i	74	4G63	Cat	'88-'91	W22EPR-U11	062110440304	1,1		
2.0 i 16V (N33, N43)	98	4G63 (DOHC)	Cat	'91-10/'98	K20PR-U11	062110080304	1,1	IK20	062120040304
2.4 i 16V	87	4G64 (SOHC)	Cat	'91-10/'98	K20PR-U11	062110080304	1,1	IK20	062120040304

STARION

2.0 2000				'82-'88	W22EPR-U	062110430304	0,8		
2.6 2600 i Turbo	114	G54B Turbo	Cat	06/'86-03/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304
3.0 i V-6 24V		6G72 (DOHC, MPi)	Cat	04/'90-05/'93	PK20PR-P11	062110570304	1,1		
3.0 i V-6 24V Twin Turbo	206-210	6G72 (DOHC, MPi) Twin Turbo	Cat	'92→	PK20PR-P11	062110570304	1,1		

TREDIA (A21)

1.4 1400	50-51	4G12		'82-'84	W16EPR-U	062110350304	0,8		
1.5 1500	55	4G15		'84-'85	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 1600	55-67	4G32		'82-'84	W16EPR-U	062110350304	0,8		
1.6 1600 Turbo	84-88	4G32 T		'82-'84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 1800	66-77	4G37		'84-'86	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 1800 4x4	66-77	4G37		'84-'86	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 2000 4x4	75	G63B		'86-'88	W20EPR-U11	062110400304	1,1	IW20	062120070304

MORGAN

4 / 4

1.8 i 16V	92	Zetec MPi		'93→	PT16VR13	062110220304	1,2	ITV16	062120060304
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PLUS 8

3.5 V-8	115	Rover		'77-'84	W20EPR-U	062110390304	0,8	IW20	062120070304
3.5 i V-8	142	Rover EFi		'84-'89			0,8	IW20	062120070304
3.5 i V-8	136-140	Rover EFi	Cat	01/'90→			0,9	IW20	062120070304

MOSKVICH

412

ALL				→'76	W20EP-U	062110410304	0,7	IW20	062120070304
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




2140

1.5	55			'74-'89	W22EP-U	062110450304	0,7		
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2141 / ALEKO

1.5	54			'87→	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	52-59	(BA3)		'87→	W20EP-U	062110410304	0,7	IW20	062120070304
1.7	64	(Y3AM 3317)		'94→	W20EP-U	062110410304	0,7	IW20	062120070304
1.8	70	(Y3AM 3313)		'96→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 i	83	Renaut F3R		'96→	W20EP-U	062110410304	0,9	IW20	062120070304



		kW		Note		SHORT 	CODE	Gap 	SHORT 	CODE
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MOSKVIH

LSH

1.5					'87→	W20EP-U	062110410304	0,7	IW20	062120070304
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ZAZ 12V 4

1.2 2136 / 2138					'74-'90	W20FP-U	062110420304	0,7		
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MURAT

124

Alatdeb					→'80	W20EP-U	062110410304	0,8	IW20	062120070304
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131

Alatdeb					→'80	W20EP-U	062110410304	0,8	IW20	062120070304
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NISSAN

100 NX (B13)

1.6 16V	66-70	GA 16 DS			'90-10/'92	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i 16V	75-81	GA 16 DE			10/'92→	K16PR-U	062110020304	0,9	IK16	062120030304
2.0 i 16V (GTi)	105	SR 20 DE			10/'90→	K20R-U	062110100304	0,8	IK20	062120040304

200 SX

1.8 (S13) Turbo	129	CA 18 DET			'88→	Q20PR-U11	062110260304	1,1		
2.0 (S14) i 16V	118	SR 20 DE (DOHC)			10/'93→	K20R-U	062110100304	0,9	IK20	062120040304
2.0 (S14) i 16V Turbo	147	SR 20 DET (DOHC)			04/'94→	PK20PR-P8	062110190304	0,8		

280 ZX (S130)

2.8	114	L 28 E			→'83			0,9	IW20	062120070304
2.8	114	L 28 E			'78-'83	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.8 Turbo	147	L 28 ET			'82-'84	W20EPR-U11	062110400304	1,1	IW20	062120070304

300 ZX

3.0 (Z31)	122	VG 30 E			'84-'89	Q20PR-U11	062110260304	1,1		
3.0 (Z31) Turbo	149-169	VG 30 (E)T			'84-'90	Q20PR-U11	062110260304	1,1		
3.0 (Z32)	122	VG 30 DE			'90→	PK20PR11	062110180304	1,1		
3.0 (Z32) i V-6 24V Twin Turbo	197-208	VG 30 DETT	Cat		01/'90→	PK20PR11	062110180304	1,1		

350 Z (Z33)

3.5 i V-6 24V	206	VQ 35 DE (V-6)	(50.k k/m)		'03 →			1,1	IKH16	062120050304
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ALMERA

1.4 (N15) i 16V	55-64	GA 14 DE (DOHC)			09/'95→	K16PR-U	062110020304	0,8	IK16	062120030304
1.5 (N16) i 16V	66	QG 15 DE (DOHC) (Neo)			02/'00-03	K16PR-U11	062110030304	1,1	IK16	062120030304
1.5 (N16) i 16V	66	QG 15 DE (DOHC) (Neo)	(26.5rthread)		03→	K16HPR-U11	062110010304	1,1	IKH16	062120050304
1.6 (N15) i 16V	66-72	GA 16 DE (DOHC)			09/'95→	K16PR-U	062110020304	0,8	IK16	062120030304
1.8 (N16) i 16V	84	QG 18 DE (DOHC) (Neo)			02/'00-03	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 (N16) i 16V	84	QG 18 DE (DOHC) (Neo)	(26.5rthread)		03→	K16HPR-U11	062110010304	1,1	IKH16	062120050304
2.0 (N15) GTi 16V	105	SR 20 DE (DOHC)			03/'96→	K16R-U11	062110490304	1,1	IK20	062120040304

ALMERA (II) TINO (V10)

1.8 i 16V	84	QG 18 DE (DOHC) (Neo)			02/'00→	K16PR-U11	062110030304	1,1	IK16	062120030304
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BE 1

1.0	38	MA 10			'87→	W16EPR-U	062110350304	0,8		
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MAGNETI MARELLI


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NISSAN

BLUEBIRD

1.6 (1) 1600		L 16		'80-'84	W16EPR-U	062110350304	0,9		
1.6 (1) 1600		CA 16		'80-'88	Q16PR-U	062110230304	0,9		
1.6 (2) 1600	66	CA 16 S		'88→	Q20PR-U	062110250304	0,9		
1.6 (2) 1600		CA 16 NS U13		'94→	Q16PR-U	062110230304	0,9		
1.8 (1) 1800	65-77	L 18 S		'80-'84	W20EPR-U	062110390304	0,9	IW20	062120070304
1.8 (2) 1800		CA 18 S		'83-'89	W20EPR-U	062110390304	0,9	IW20	062120070304
1.8 (2) 1800 Turbo	88-100	CA 18 T - CA 18 ET		'85→	Q20PR-U11	062110260304	1,1		
1.8 (2) 1800		CA 18 N / NS		'86-'89	Q20PR-U	062110250304	0,9		
1.8 (2) 1800		CA 18 S		'89-'90	Q16PR-U	062110230304	0,9		
1.8 (2) 1800		CA 18 NS		'90→	Q20PR-U	062110250304	0,9		
2.0 (1) 2000 i	81	LZ 20 E / L 20 B		'82-'84	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 (2) 2000	77	CA 20 S		'85-'92	Q20PR-U	062110250304	0,9		
2.0 (2) 2000 i	77	CA 20 E Inlet side	Cat	'86-'92	Q20PR-U11	062110260304	1,1		
2.0 (2) 2000 i	85	CA 20 E		'88-'92	Q20PR-U11	062110260304	1,1		
2.0 (2) 2000 i		CA 20 S U13		'93→	Q20PR-U	062110250304	0,8		
2.0 (2) 2000 i		U 13		'93→	Q20PR-U11	062110260304	1,1		

CABSTAR

1.6 1600	62	Z 16		'86→	W16EP-U	062110360304	0,8		
2.0 2000	66	Z 20		'82-'92	W16EP-U	062110360304	0,8		
2.0 2000	74	Z 20 S - NA 20 S		'92→	W16EPR-U	062110350304	0,8		
2.2 2200	79	Z 22		'87→	W20EP-U	062110410304	0,7	IW20	062120070304
2.4 2400	97	Z 24		'87→	W20EP-U	062110410304	0,7	IW20	062120070304

CARAVAN

2.0 i 16V	120	KA 20 DE (DOHC)		'01→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.4 i 16V		KA 24 DE (DOHC)		'01→	K16PR-U11	062110030304	1,1	IK16	062120030304

FIGARO (FK10)

1.0 i Turbo		MA 10 T (OHC Turbo)		01/91-05/92	W20EPR-U11	062110400304	1,1	IW20	062120070304
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INFINITY

G 20 - 2.0 i 16V	110	SR 20 DE		'94→	K20PR-U	062110070304	0,9	IK20	062120040304
G 25 - 2.5 i V-6 24V 250 GT/GT-E	158	VQ 25 DD (V-6 NEO Di)		'02→	IKH16	062120050304	1,1	IKH16	062120050304
G 30 - 3.0 i V-6 24V 300 GT	191	VQ 30 DD (V-6 NEO Di)		'02→	IKH16	062120050304	1,1	IKH16	062120050304
G 35 - 3.5 i V-6 24V 350 GT-8	200	VQ 35 DE (V-6)		'02→	IKH16	062120050304	1,1	IKH16	062120050304
Q 45 - 4.5 i V-8 32V (G 50)	206	VH 45 DE		10/89→	PK20PR11	062110180304	1,1		

KUBISTAR

1.2 i	44	D7F- Econ (Euro-3)		09/03→	PK20PR-P8	062110190304	0,9	IK20	062120040304
1.2 i 16V	55	D4F 712		04/06→	XE20HR-U9	062110630304	0,9		
1.6 i 16V	70	K4M - 744 / 745 / 748 / 720		09/03→	K20PR-U	062110070304	0,9	IK20	062120040304

LAUREL

2.0 (C31) 2000	71	L 20 A		'81-'84	W16EPR-U	062110350304	0,9		
2.0 (C32) 2000	77	CA 20 S		'85-'92	Q20PR-U	062110250304	0,9		
2.4 (C31) 2400	81	L 24		'81-'85	W20EPR-U	062110390304	0,9	IW20	062120070304
2.4 (C32) 2400	81	L 24 S		'85→	W16EPR-U	062110350304	0,9		
2.4 (C32) 2400	81	L 24		'86→	W20EPR-U11	062110400304	1,1	IW20	062120070304
3.0 (C32) 3000	112-122	VG 30 / VG 30 S	W/W Cat	'85-'88	Q20PR-U11	062110260304	1,1		


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NISSAN
LEOPARD

3.0 3000 i Turbo	144	VG 30 ET		'84-'86	Q20PR-U11	062110260304	1,1	
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MAXIMA / QX

3.0 (J30) 3000	125-128	VG 30 E		'88-'90	Q20PR-U11	062110260304	1,1	
3.0 (J30) 3000	125	VG 30 E		'90-'94	K20PR-U11	062110080304	1,1	IK20 062120040304

MICRA (MARCH)

1.0 (K10) 1000	37	MA 10 (S)		'82-'92	W16EPR-U	062110350304	0,9	
1.0 (K10) 1000	37	MA 10 (S)	Cat	'82-'92	W16EPR-U11	062110610304	1,1	
1.0 (K11) i 16V	40	CG 10 DE (DOHC)		08/'92-02	K16PR-U11	062110030304	1,1	IK16 062120030304
1.0 (K12) i 16V	50	CR 10 DE (DOHC) (977cc)		'02→	IKH16	062120050304	1,1	IKH16 062120050304
1.2 (K10) 1200	44	MA 12 (S)		'86-'92	W16EPR-U	062110350304	0,9	
1.2 (K10) 1200	40-42	MA 12 (S)	Cat	'86-'92	W16EPR-U11	062110610304	1,1	
1.2 (K12) i 16V	66	CR 12 DE (DOHC) (1240cc)		'02→	IKH16	062120050304	1,1	IKH16 062120050304
1.3 (K11) i 16V	55	CG 13 DE (DOHC)		08/'92-02	K16PR-U11	062110030304	1,1	IK16 062120030304
1.4 (K11) i 16V	60	CG A3 DE (DOHC)		09/'00-02	K16PR-U11	062110030304	1,1	IK16 062120030304
1.4 (K12) i 16V	72	CR 14 DE (DOHC) (1386cc)		'02→	IKH16	062120050304	1,1	IKH16 062120050304

MICRA C+C

1.4 i 16V	65	CR 14 DE		08/'05→	K16HPR-U11	062110010304	1,1	IKH16 062120050304
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MURANO (Z50)

2.5 i 16V		QR 25 DE		09/'04→	K16HPR-U11	062110010304	1,1	IKH16 062120050304
3.5 i V-6 24V	172	VQ35DE		12/'02→			1,1	IKH16 062120050304

NOTE

1.4 i 16V	65	CR 14 DE		03/'06→	K16HPR-U11	062110010304	1,1	IKH16 062120050304
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PATHFINDER

2.0 (D21) 2000		Z 20 S			W20EPR-U	062110390304	0,9	IW20 062120070304
2.4 (D21) 2400 i		Z 24 i			W16EPR-U	062110350304	0,9	
2.4 (D21) 2400		Z 24 S			W20EPR-U	062110390304	0,9	IW20 062120070304
3.0 (D21) 3000 i V-6	109	VG 30 E		'92→	K20R-U	062110100304	0,9	IK20 062120040304
3.3 (R50) 3300 i V-6	110-125	VG 33		09/'97→	K16PR-U11	062110030304	1,1	IK16 062120030304
3.5 (R50) i V-6 24V	176	VQ 35 DE (V-6)		'00→	IKH16	062120050304	1,1	IKH16 062120050304
4.0 (R51M) i V-6	198	VQ 40 DE		09/'05→			1,1	IKH16 062120050304

PATROL

2.8 (260) 2800	88	L 28		'85-'89	W20EPR-U	062110390304	0,9	IW20 062120070304
2.8 (260) 2800		L 28		'89→	W20EPR-U	062110390304	0,9	IW20 062120070304
3.0 (260) 3000		RB 30 S		'90→	K20PR-U	062110070304	0,9	IK20 062120040304
4.2 (260) 4200	125	TB 42 S		'87→	W16EP-U	062110360304	0,9	
4.2 (Y6) 4200		RB 42 S		'93→	W16EPR-U	062110350304	0,9	
4.2 (Y6) 4200	121	TB 42 E	Cat	'88-'97	W16EPR-U	062110350304	0,9	
4.5 (Y6) 4500		TB 45 E	(J) Cat	'09/'99→	W16EPR-U11	062110610304	1,1	

PICK-UP

1.2 (D21) 1200		A 12		'93→	W16EP-U	062110360304	0,9	
1.2 (D21) 1200		A 12 S		→'93	W16EPR-U	062110350304	0,9	
1.5 (720) 1500		J 15		'79-'82	W16EP-U	062110360304	0,9	
1.5 (720) 1500		A 15 S		'83→	W16EPR-U	062110350304	0,9	
1.6 (720) 1600		J 16		'79-'85	W20EPR-U	062110390304	0,9	IW20 062120070304
1.6 (D21) 1600		Z 16		'85→	W20EPR-U	062110390304	0,9	IW20 062120070304
1.8 (720) 1800		L 18		'79-'85	W16EPR-U	062110350304	0,9	

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PICK-UP

2.0 (D21) 2000	64-66	Z 20 / S		'85-'94	W20EPR-U	062110390304	0,9	IW20	062120070304
2.2 (720) 2200	71	Z 22		'83-'85	W20EP-U	062110410304	0,9	IW20	062120070304
2.2 (720) 2200 4x4	71	Z 22		'83-'85	W20EP-U	062110410304	0,9	IW20	062120070304
2.4 (D21) 2400	74	Z 24		'85-'92	W20EPR-U	062110390304	0,9	IW20	062120070304
2.4 (D21) 2400 4x4	74	Z 24 S		'85-'92	W20EPR-U	062110390304	0,9	IW20	062120070304
2.4 (D21) 2400 i	74	Z 24 i	Cat	'88-'92	W16EPR-U	062110350304	0,9		
3.0 (D21) 3000		VG 30 E		'93→	K20R-U	062110100304	0,9	IK20	062120040304

PRAIRIE

1.5 (M10) 1500	51	E 15 S		'82-'88	W16EPR-U	062110350304	0,9		
1.8 (M10) 1800	66	CA 18 S		'83-'88	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 (M10) 2000	67	CA 20 S		'86-'88	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 (M10) 2000	67	CA 20 S		'90-'92	Q20PR-U	062110250304	0,9		
2.0 (M10) 2000	72	CA 20 E Inlet side		'86-'92	Q20PR-U11	062110260304	1,1		
2.0 (M11)		CA 20 S		'93-'95	Q20PR-U	062110250304	0,9		
2.0 (M11)		CA 20 E Inlet side		'92-'95	Q20PR-U11	062110260304	1,1		

PRIMERA

1.6 (P/W10) 16V	66-70	GA 16 DS Carb.	W/W Cat	'90-'92	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 (P/W10) i 16V	75	GA 16 DS SPi	Cat	'93-'96	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 (P/W10) i 16V	66	GA 16 DE	W/W Cat	'93-'96	K16PR-U	062110020304	0,9	IK16	062120030304
1.6 (P/W11) i 16V	73	GA 16 DE (DOHC)		06/'96-'02	K16PR-U	062110020304	0,9	IK20	062120040304
1.6 (P/W12) i 16V	78	QG 16 DE (DOHC)	(26.5rthread)	'02→	K16HPR-U11	062110010304	1,1	IKH16	062120050304
1.8 (P/W11) i 16V	84	QG 18 DE (DOHC)	(19.0rthread)	02/'00-'02	K16PR-U11	062110030304	1,1	IK16	062120030304
1.8 (P/W11) i 16V	84	QG 18 DE (DOHC)	(26.5rthread)	02/'00-'02	K16HPR-U11	062110010304	1,1	IKH16	062120050304
1.8 (P/W12) i 16V	84	QG 18 DE (DOHC)	(26.5rthread)	'02→	K16HPR-U11	062110010304	1,1	IKH16	062120050304
2.0 (P/W10) i 16V	85-89	SR 20 Di (DOHC)		'90-'96	K16R-U	062110480304	0,9	IK16	062120030304
2.0 (P/W10) i 16V	92	SR 20 DE (DOHC) SPi		01/'95-'96	K20R-U	062110100304	0,9	IK20	062120040304
2.0 (P/W10) i 16V (GT / 4x4)	112	SR 20 DE		'90-'96	K20R-U	062110100304	0,9	IK20	062120040304
2.0 (P/W11) i 16V	96	SR 20 DE (DOHC)		06/'96-'02	K16R-U11	062110490304	1,1	IK20	062120040304
2.0 (P/W11) i 16V GT	110	SR 20 DE (DOHC)		06/'96-'02	K16R-U11	062110490304	1,1	IK20	062120040304
2.0 (P/W12) i 16V	103	QR 20 DE (DOHC)	(26.5rthread)	'02→	K16HPR-U11	062110010304	1,1	IKH16	062120050304

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3.0 i V-6	113	VG 30 E		'93→	K20PR-U	062110070304	0,9	IK20	062120040304
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S-CARGO (G20)

1.5 12V		E 15 (SOHC)		01/'89→	W16EPR-U11	062110610304	1,1		
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SERENA (C23)

1.6 i 16V 1600	66	GA 16 DE		'93→	K16PR-U	062110020304	0,9	IK20	062120040304
2.0 i 16V 2000	92	SR 20 DE		'92→	K20R-U	062110100304	0,9	IK20	062120040304

SILVIA / GAZELLE

1.8 1800 Turbo	90-101	CA 18 ET		'85-'88	Q20PR-U11	062110260304	1,1		
2.0 2000 i 16V	107	FJ 20 E		'83-'88	W20EPR-U11	062110400304	1,1	IW20	062120070304

SKYLINE

2.5 (ER33) i 24V GTS 25 S	147	RB 25 DE (DOHC)	(J)	08/'93-02/'97	PK16PR-L11	062110540304	1,0		
2.5 (ER33) i 24V Turbo		RB 25 DET (DOHC)	(J)	08/'93-05/'98	IK16	062120030304	1,0	IK16	062120030304
2.5 (V35) i V-6 24V 250 GT/GT-E	158	VQ 25 DD (V-6 NEO Di)		'02→	IKH16	062120050304	1,1	IKH16	062120050304
3.0 (HV35) i V-6 24V 300 GT	191	VQ 30 DD (V-6 NEO Di)		'02→	IKH16	062120050304	1,1	IKH16	062120050304
3.5 (V35) i V-6 24V 350 GT-8	200	VQ 35 DE (V-6)	(50k km)	'02 →	IKH16	062120050304	1,1	IKH16	062120050304



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STANZA (T11)

1.6 1600	60	CA 16	(CH, S)	'81-'85	W16EPR-U	062110350304	0,9		
1.6 1600	60	CA 16		'81-'85	W20EPR-U	062110390304	0,9	IW20	062120070304
1.8 1800 Turbo	90-101	CA 18 ET		'81-'85	Q20PR-U11	062110260304	1,1		
1.8 1800	65	CA 18	(CH, S)	'81-'85	W16EPR-U	062110350304	0,9		
1.8 1800	65	CA 18		'81-'85	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 2000	77	CA 20 S Inlet side		'81-'85	W20EPR-U11	062110400304	1,1	IW20	062120070304
2.0 2000	77	CA 20 S Exhaust side		'81-'85	W16EPR-U11	062110610304	1,1		
2.0 2000	77	CA 20 E Inlet side		'86-'88	Q20PR-U11	062110260304	1,1		
2.0 2000	77	CA 20 S		'88-'90	Q20PR-U11	062110260304	1,1		

SUNNY

1.0 1000	37	E 10 S		'82-'92	W16EPR-U	062110350304	0,9		
1.0	37	E 10 S / MA 10 (S)		'86-'90	W16EPR-U	062110350304	0,9		
1.2 1200	52	A 12 S		'70-'82	W16EP-U	062110360304	0,9		
1.3 1300	44	E 13 / E 13 S		'82-'92	W20EPR-U	062110390304	0,9	IW20	062120070304
1.4 12V	55-61	GA 14 S		'88-'91	Q20PR-U	062110250304	0,9		
1.4	55	GA 14 DS (Carb. 2V)		'90-'93	K20PR-U	062110070304	0,9	IK20	062120040304
1.4	55	GA 14 DS (ElCarb. W/W EGR)	Cat	'90-'95	K20PR-U	062110070304	0,8	IK20	062120040304
1.4 i	64	GA 14 DE (MPi)	Cat	'92-'95	K16PR-U	062110020304	0,9	IK16	062120030304
1.5 1500	51-63	A 15 / E 15 S		'70-'88	W16EPR-U	062110350304	0,9		
1.5 1500	55	E 15 S		'82-'86	W20EPR-U	062110390304	0,9	IW20	062120070304
1.5	52	E 15 S		'86-'88	W16EPR-U	062110350304	0,9		
1.6 i	54-62	E 16 i	Cat	'86-'88	W16EPR-U11	062110610304	1,1		
1.6	62	E 16 S		'86-'88	W20EPR-U	062110390304	0,9	IW20	062120070304
1.6	62	CA 16 S		'88-'91	Q20PR-U	062110250304	0,9		
1.6 12V	69	GA 16 S		'88-'91	Q20PR-U	062110250304	0,9		
1.6 i 12V	66	GA 16 i (OHC) (SPi)	Cat	'88-'91	Q20PR-U11	062110260304	1,1		
1.6 i / GTi 16V	88-90	CA 16 D(E) (MPi)		01/'86-'91	Q20PR-U11	062110260304	1,1		
1.6 16V	66-70	GA 16 DS (Carb 2v . ElCarb.)	W/W Cat	'90-'92	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i 16V	81	GA 16 DE (MPi)		'92-'95	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 Station. / Van	67	SR 16 DE		'94-'95	K16PR-U	062110020304	0,9	IK16	062120030304
1.6 Station. / Van	66-70	GA 16 DS (Carb 2v . El Carb.)	W/W Cat	'90-'95	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i Station. / Van	75	GA 16 DE		'94-'95	K16PR-U	062110020304	0,9	IK16	062120030304
1.8 i 16V	95	CA 18 DE (MPi)		'88-'91	Q20PR-U11	062110260304	1,1		
2.0 i / GTi 16V	105	SR 20 DE (MPi)	W/W Cat	'90-'95	K20R-U	062110100304	0,9	IK20	062120040304
2.0 GTi-R 16V (4x4)	162-169	SR 20 DET (MPi Turbo)	W/W Cat	10/'90-'95	PK22PR8	062110580304	0,9		
2.0 i Station. / Van	105	GA 20 DE		'93-'95	K20R-U	062110100304	0,9	IK20	062120040304

TERRANO

2.0 (WD21) 2000		Z 20 S			W20EPR-U	062110390304	0,9	IW20	062120070304
2.4 (WD21) 2400	76	Z 24 i	Cat	'86→	W16EPR-U	062110350304	0,9		
2.4 (WD21) 2400	74	Z 24 S		'86→	W20EPR-U	062110390304	0,9	IW20	062120070304
3.0 (WD21) 3000	109	VG 30 E		'89→	K20R-U	062110100304	0,8	IK20	062120040304

URVAN

1.8 (E23) 1800		Z 18		'82→	W16EPR-U	062110350304	0,9		
2.0 (E23) 2000	55	H 20		'80-'82			0,9	IW20	062120070304
2.0 (E23) 2000	64	Z 20		'82-'86	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 (E23) 2000	64	Z 20 S OHC		'86-'90	W20EP-U	062110410304	0,9	IW20	062120070304

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URVAN									
2.0 (E24) 2000		Z 20 S		'90→	W16EPR-U	062110350304	0,9		
2.4 (E24) 2400	74	Z 24 S OHC		'86→	W16EPR-U	062110350304	0,8		
2.4 (E24) 2400 i	74-76	Z 24 i OHC	Cat	'89→	W16EPR-U	062110350304	0,9		

VANETTE									
1.2 (C120) 1200		A 12 S		'85-'86	W16EPR-U	062110350304	0,9		
1.5 (C120) 1500	51	A 15 / A 15 S		'78-'88	W16EPR-U	062110350304	0,9		
1.6 (HC23) (Carg / E)	72	GA 16 DE		01/'95 →	K16PR-U	062110020304	0,9	IK16	062120030304
2.0 (C22) 2000	64	Z 20		'86-'96	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 (C22) 2000		SR 20 E		'93-'96	K16R-U	062110480304	0,8	IK16	062120030304
2.4 (C22) 2400	74	Z 24 S OHC		'86-'96	W20EPR-U	062110390304	0,9	IW20	062120070304
2.4 (C22) 2400	74-76	Z 24 i OHC	Cat	'86-'96	W16EPR-U	062110350304	0,9		

VIOLET (A10)									
1.4 1400		A 14		'77-'81	W16EPR-U	062110350304	0,9		
1.6 1600		L 16		'77-'81	W20EP-U	062110410304	0,9	IW20	062120070304

X-TRAIL (T30)									
2.0 i 16V	103	QR 20 DE (DOHC)		07/'01→	K16HPR-U11	062110010304	1,1	IKH16	062120050304
2.5 i 16V	121	QR 25 DE		01/'03→	K16HPR-U11	062110010304	1,1	IKH16	062120050304

OPEL

AGILA									
1.0 i 12V	43	Z 10 XE / X 10 XE DOHC Ecotec	3 Cyl	08/'00→	K20TXR	062110120304	1,0	IK16	062120030304
1.0 i 12V	44	Z 10 XEP Twinport Ecotec	3 Cyl	08/'03 →	KJ16CR-L11	062110150304	0,9	IK16	062120030304
1.2 i 16V	55	Z 12 XE DOHC Ecotec		08/'00→	K20TXR	062110120304	1,0	IK16	062120030304
1.2 i 16V	59	Z 12 XEP Twinport Ecotec		08/'03→	KJ16CR-L11	062110150304	0,9	IK16	062120030304

ASCION-B									
1.6 → 2.0 Aladeb	44-81	20 E CIH		'79-'81	W20FP-U	062110420304	0,7		
2.4 4000i 16V	103-106	DOHC		'79-'81	T20EP-U	062110330304	0,7		

ASCONA-C									
1.3 - / S	44-55	13 N / 13 S		'79-'88	W22EPR-U	062110430304	0,7		
1.6	51-55	16 N OHC II		'81-'88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 S	60-66	16 SH OHC / 16 SV OHC		'81-'86	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55	C 16 LZ OHC I (<J1002037)		'86-'87	W22EPR-U11	062110440304	1,1		
1.6 i	55	C 16 LZ OHC I (J1002038 →)		'86-'87	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55	C 16 NZ / E 16 NZ OHC		'87-'88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 E	74-85	C 18 NE OHC II / 18 E		'82-'86	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	74-85	C 18 NE / 18 E / 18 SE		'82-'88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 S	62	S 18 NV / E 18 NV OHC II		'87-'88	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i	85	20 NE / C 20 NE OHC		'86-'88	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i	95	20 SEH OHC II		'87-'88	W20EPR-U	062110390304	0,7	IW20	062120070304

ASTRA-F									
1.4 i	44	C 14 NZ OHC I	Spi	'91-07/'95	W16EPR-U	062110350304	0,7		
1.4 i	44	C 14 NZ OHC I	Spi	08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
1.4	55	14 NV OHC I (Eng<02BF1476)		'91-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4	55	14 NV OHC I (Eng02BF1477 →)		'91-'93	K20TXR	062110120304	0,8	IK20	062120040304
1.4 i	60	14 SE / C 14 SE OHC I	Mpi	'91-07/'95	W16EPR-U	062110350304	0,7		
1.4 i	60	14 SE / C 14 SE OHC I	Mpi	08/'95-'98	K20TXR	062110120304	0,8	IK20	062120040304



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1.4 i / i 16V	66	X 14 XE		'95-'98	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i	52	X 16 SZ		'92-03/'94	W16EPR-U	062110350304	0,7		
1.6 i	52	X 16 SZ		04/'94-'98	K20TXR	062110120304	0,8	IK20	062120040304
1.6 i	55	C 16 NZ / E 16 NZ		'91-'98	W16EPR-U	062110350304	0,7		
1.6 i	55	C 16 NZ		08/'95-'98	K20TXR	062110120304	0,8	IK20	062120040304
1.6 i	55	X 16 SZR		03/'96-'98	K20TXR	062110120304	0,8	IK20	062120040304
1.6 i	55-60	16 LZ 2 OHC		09/'94-'98	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.6 i	74	C 16 SE OHC I		'92-07/'95	W16EPR-U	062110350304	0,8		
1.6 i	74	C 16 SE OHC I		08/'95-'98	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	74-78	X 16 XE / X 16 XEL		09/'93-'98	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i	66	C 18 NZ OHC (II)		09/'91-'94	W16EPR-U	062110350304	0,7		
1.8 i	66	C 18 NZ OHC (II)		08/'94-'98	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i	85	C 18 XEL DOHC		'94-'98	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i 16V	92	C 18 XE DOHC II		06/'93-'98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i	85	C 20 NE OHC (II)		'91-06/'95	W16EPR-U	062110350304	0,7		
2.0 i	85	C 20 NE OHC (II)		07/'95-'98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V / GSi 16V	110	C 20 XE DOHC I (Eng<14104354)		09/'91-08/'92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V / GSi 16V	110	C 20 XE DOHC I (Eng14104355 →)		09/'92-'98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V / GSi 16V	110	X 20 XEV DOHC		'94-'98	K20TXR	062110120304	0,8	IK20	062120040304

ASTRA-G

1.2 i 16V	48	X 12 XE / Z 12 XE Ecotec		02/'98→	K20TXR	062110120304	1,0	IK16	062120030304
1.4 i 16V	66	X 14 XE / Z 14 XE Ecotec		02/'98→	K20TXR	062110120304	1,0	IK16	062120030304
1.6 i	55-62	X 16 SZR / Z 16 SE		02/'98→	K20TXR	062110120304	0,8	IK16	062120030304
1.6 i 16V	74	X 16 XEL / Z 16 XE Ecotec		02/'98→	K20TXR	062110120304	1,0	IK16	062120030304
1.8 i 16V	84	X 18 XE(1) / Z 18 XE(L) Ecotec		02/'98→	K20TXR	062110120304	1,0	IK16	062120030304
2.0 i 16V	100	X 20 XEV Ecotec		02/'98→	K20TXR	062110120304	1,0	IK16	062120030304
2.0 i 16V OPC	118	X 20 XER		10/'99→	K20TXR	062110120304	1,0	IK20	062120040304
2.0 i 16V Turbo	140	Z 20 LET DOHC Turbo		12/'00→	K20TXR	062110120304	1,0	IK20	062120040304
2.2 i 16V	108	Z 22 SE Ecotec		09/'00→	ITV16	062120060304	1,1	ITV16	062120060304

ASTRA-H

1.4 i 16V	66	Z 14 XEL, XEP		03/'04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.6 i 16V	77	Z 16 XEP		03/'04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.8 i 16V	92	Z 18 XE		03/'04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
2.0 i 16V Turbo	125	Z 20 LEL		03/'04→			0,8	IK16	062120030304
2.0 i 16V Turbo	147	Z 20 LER		09/'04→			0,8	IK16	062120030304

CALIBRA

2.0 i - / 4x4	85	C 20 NE OHC II	Hex ≈16m	'90-'98	K20TXR	062110120304	0,8	IK16	062120030304
2.0 i - / 4x4	85	C 20 NE OHC II	Hex ≈21m	'90-'98	W16EPR-U	062110350304	0,7		
2.0 i 16V - / 4x4	110	20 XE / C 20 XE DOHC		'91-08/'92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V - / 4x4	110	20 XE / C 20 XE DOHC		09/'92-'98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V / ...4x4	110	X 20 XEV		02/'94-'98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V Turbo	150	C 20 LET DOHC		'92-'98	K20R-U	062110100304	0,8	IK20	062120040304
2.5 i V-6	125	C 25 XE DOHC		'93-'98	K20TXR	062110120304	0,8	IK20	062120040304

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CAMPO										
2.3	69	23			'88→	W20EPR-U	062110390304	0,7	IW20	062120070304
COMBO										
1.2	33	C 12 NZ / X 12 SZ			07/94-10/01	W16EPR-U	062110350304	0,7	IW20	062120070304
1.3	44	13 N OHC			'85→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4	44	C 14 NZ / X 14 SZ			07/94-10/01	W16EPR-U	062110350304	0,7	IW20	062120070304
1.4	60	C 14 SE			07/94-10/01	W16EPR-U	062110350304	0,7	IW20	062120070304
1.4 i 16V	66	X 14 XE			08/99-10/01	K20TXR	062110120304	1,0	IK16	062120030304
1.4 i 16V	66	Z 14 XEP Ecotec			10/04→	KJ16CR-L11	062110150304	0,9	IK16	062120030304
1.6	66	16 SH OHC			'85→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	64	X 14 SZ			10/01→	K20TXR	062110120304	1,0	IK16	062120030304
CORSA-A										
1.2 S	37-41	12 S OHC / 12 ST OHC			'82-02/90	W20EPR-U	062110390304	0,7	IW20	062120070304
1.2	33	12 NV OHC I			'86-92	W20EPR-U	062110390304	0,7	IW20	062120070304
1.2 i	33	12 NZ / C 12 NZ OHC I	Cat		'90-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 S	51-52	13 S / 13 SB OHC			'82-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 i	44	C 13 N OHC			'85-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 Sprint R	61	13 E Iræcher			'85-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	44	13 NB			'85-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i	44-60	C 14 NZ / C 14 SE OHC I	W/W Cat		'90-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4	53	14 NV OHC I			'89-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i / GSi	72-74	E 16 SE / C 16 SEi Iræcher			'88-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55-60	C 16 NZ / E 16 NZ OHC			'88-93	W20EPR-U	062110390304	0,7	IW20	062120070304
CORSA-B										
1.0 i 12V	40	X 10 XE DOHC Ecotec	3 Cyl		02/97 →	K20TXR	062110120304	1,0	IK16	062120030304
1.2 i	33	12 NZ (Eng → 19334656)			'93-07/95	W16EPR-U	062110350304	0,7		
1.2 i	33	12 NZ (Eng19334657 →)			08/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.2 i	33	C 12 NZ (Eng → 19341712)			'93-07/95	W16EPR-U	062110350304	0,7		
1.2 i	33	C 12 NZ (Eng19341713 →)			08/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.2 i	33	X 12 SZ (Eng → 19334656)			'93-07/95	W16EPR-U	062110350304	0,7		
1.2 i	33	X 12 SZ (Eng19334657 →)			08/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.2 i 16V	48	X 12 XE DOHC Ecotec			09/97→	K20TXR	062110120304	1,0	IK16	062120030304
1.4 i	44	C 14 NZ OHC I (Eng → 02BF1475)			'93-07/95	W16EPR-U	062110350304	0,7		
1.4 i	44	C 14 NZ OHC I (Eng02BF1476 →)			08/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i	44	C 14 NZ OHC I (Eng → 19241622)			'93-07/95	W16EPR-U	062110350304	0,7		
1.4 i	44	C 14 NZ OHC I (Eng19241623 →)			08/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i	60	C 14 SE OHC I (Eng → 02BD1413)			'93-07/95	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i	60	C 14 SE OHC I (Eng02BD1414 →)			08/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i	40-44	X 14 SZ			'95→	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i 16V	66	X 14 XE Ecotec			09/94→	K20TXR	062110120304	0,9	IK20	062120040304
1.6 GSi 16V	80	C 16 XE DOHC I			03/93→	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	78	X 16 XE Ecotec			09/94→	K20TXR	062110120304	0,9	IK20	062120040304
CORSA-C										
1.0 i 12V	43	X 10 XE / Z 10 XE DOHC Ecotec	3 Cyl		08/00-08/03	K20TXR	062110120304	1,0	IK16	062120030304
1.0 i 12V	44	Z 10 XEP Twinport ECO	3 Cyl		09/03 →	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.2 i 16V	55	Z 12 XE DOHC Ecotec			08/00→	K20TXR	062110120304	1,0	IK16	062120030304
1.2 i 16V Twinport	59	Z 12 XEP			07/04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304



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Note

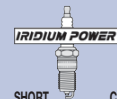


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CORSA-C

1.4 i 16V	66	X 14 XE / Z 14 XE DOHC Ecotec		09/00→	K20TXR	062110120304	1,0	IK20	062120040304
1.4 i 16V Twinport	66	Z 14 XEP		06/03→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.8 i 16V GSi	92	X 18 XE DOHC Ecotec		03/01→	K20TXR	062110120304	1,0	IK20	062120040304

FRONTERA (A)

2.0 i	85	C 20 NE OHC II		09/91-08/95	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i	85	X 20 SE		02/95-08/98	K20TXR	062110120304	0,8	IK20	062120040304
2.2 i 16V	100	X 22 XE		02/95-08/98	K20TXR	062110120304	0,8	IK20	062120040304

FRONTERA (B)

2.2 i 16V	100	X 22 E, Y 22 E		07/98→	K20TXR	062110120304	1,0	IK20	062120040304
3.2 i V-6 24V	151	6V D1 (V-6, DOHC)		10/98→			1,1	IK16	062120030304

GT

1.1 1100				'68-'73	W20FP-U	062110420304	0,7		
1.9 1900	66	19 S		'68-'73	W20FP-U	062110420304	0,7		
1.9 1900	66	19 S		'71-'73	W20FP-U	062110420304	0,7		

KADETT-C

1.0	29	10 N OHV		'74-'82	W20FP-U	062110420304	0,7		
1.0 S	37	10 S OHV		'74-'82	W20FP-U	062110420304	0,7		
1.2	37-39	12 N OHV		'73-'82	W20FP-U	062110420304	0,7		
1.3	44	13 N OHC		'79-'82	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 S	50-55	13 S OHC		'79-'82	W20EPR-U	062110390304	0,7	IW20	062120070304

KADETT-D

1.2	37-39	12 N OHV		'79-'82	W20FP-U	062110420304	0,7		
1.2 S	40	12 ST OHC		'82-'84	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	44	13 N OHC		'79-'84	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 S	50-55	13 S OHC		'79-'84	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 S	66	16 SH OHC		'81-'84	W20EPR-U	062110390304	0,9	IW20	062120070304
1.8 E / GTE	85	18 E OHC		'83-'84	W20EPR-U	062110390304	0,7	IW20	062120070304

KADETT-E

1.2 S	40	12 S / 12 ST OHC		'84-'88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	44	13 N / 13 NB OHC		'84-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 i	44	C 13 N OHC		'85-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3 S	55	13 S / 13 SC OHC		'84-'87	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4	44-55	E 14 LV / 14 NV OHC I		'90-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i	44	C 14 NZ OHC I		'90-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 S	60-66	16 SH / 16 SV OHC I		'84-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55	C 16 LZ OHC I		'86-'87	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.6 i	55-74	C 16 NZ / E16 NZ / E 16 SE		'87-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8	62	S 18 NV OHC II	(S)	'86-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 GSi	74-85	C18NE/18E/18SE OHC II		'84-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	66	C 18 NT OHC II		'85-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 S	62	E 18 NV OHC II		'87-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	66	C 18 NZ OHC II		'90-'91	W16EPR-U	062110350304	0,7		
2.0 i 16V / GSi 16V	110-115	20 XEJ / C 20 XE DOHC		'88-'91	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i / GSi	85	20 NE / C 20 NE OHC	Cat	'86-'91	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i / GSi	91-95	20 SEH / 20 SER OHC II		'86-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i 16V / GSi 16V	110-115	20 XEJ / C 20 XE DOHC II	Cat	'88-'91	Q20PR-U	062110250304	0,7	IK20	062120040304

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MANTA-A									
1.6 S	59			'71-74	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	50			'71-75	W20FP-U	062110420304	0,7		
1.9	66-77			'71-75	W20FP-U	062110420304	0,7		
MANTA-B									
1.2 - / S		12 N / 12 S OHC		'75-79	W20FP-U	062110420304	0,7		
1.3 - / S	44-55	13 N / 13 S OHC		'79-86	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 - / S	44-55	16 N / 16 S CIH		'75-80	W20FP-U	062110420304	0,7		
1.8 S	66	18 S OHC		'82-87	W20EPR-U	062110390304	0,7	IW20	062120070304
1.9	55	19 N CIH		'76-80	W20FP-U	062110420304	0,7		
MERIVA									
1.4 i 16V Twinport	66	Z 14 XEP		07/04→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 i	64	Z 16 SE (8 valve)		05/03→	K20TXR	062110120304	1,0	IK16	062120030304
1.6 i 16V	74	Z 16 XE (16 valve)		05/03→	K20TXR	062110120304	1,0	IK16	062120030304
1.8 i 16V	92	Z 18 XE (16 valve)		09/02→	K20TXR	062110120304	1,0	IK16	062120030304
MONTEREY									
3.2 i V-6 24V	130	6 V D1 (V-6) Isuzu		'92→	K20PR-U11	062110080304	1,1	IK20	062120040304
3.2 i V-6 24V	151	6 V D1 (V-6) Isuzu		07/98→			1,1	IK16	062120030304
3.5 i V-6 24V	158	6 V E1 (V-6) Isuzu		09/95→			1,1	IK16	062120030304
OMEGA-A									
1.8 i	85	18 SEH OHC II		'86-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 S	66	18 SV OHC II		'86-90	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8	60-65	E 18 NVR / (S)18 NV OHC II		'86-93	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i	90	20 SE OHC II		'86-93	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i	85	20 NE / C 20 NE OHC	Cat	'86-94	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i	73-90	20 NEJ / 20 SE OHC		09/90-03/94	W20EPR-U	062110390304	0,8	IW20	062120070304
3.0 3000 24V	147-150	C 30 SE/C30 SEJ DOHC		'89-94	K20TXR	062110120304	0,8	IK20	062120040304
3.0 3000 24V Evo. 500	170	..30.. DOHC		'90-91	K20PBR	062110050304	0,8	IK20	062120040304
3.6 i 24V Twin Turbo	265-281	C 36 GET DOHC		'90-94	K20PR-ZU11	062110090304	0,8	IK20	062120040304
OMEGA-B									
2.0 i	85	20 SE OHC II		04/94→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	85	X 20 SE OHC II		04/94→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	100	X 20 XEV		04/94→	K20TXR	062110120304	0,9	IK20	062120040304
2.2 i 16V	106	Y 22 XE, Z 22 XE Ecotec		09/99→	K20TXR	062110120304	1,0	IK16	062120030304
2.5 i V-6 24V	125	X 25 XE (Eng<818.688)		'94-95	K20TXR	062110120304	0,9	IK20	062120040304
2.5 i V-6 24V	125	X 25 XE (Eng818.688 →)		'95→	K20TXR	062110120304	0,9	IK20	062120040304
2.6 i V-6 24V	132	Y 26 SE (DOHC)		09/00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
3.0 i V-6 24V	155	X 30 XE (Eng<818.688)		'94-95	K20TXR	062110120304	0,9	IK20	062120040304
3.0 i V-6 24V	155	X 30 XE (Eng818.688 →)		'95→	K20TXR	062110120304	0,9	IK20	062120040304
3.2 i V-6 24V	160	Y 32 SE (DOHC)		06/00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
SENATOR-A									
2.5 i	100-103	25 E / 25 NE / S 25 E CIH		'81-83	W20FP-U	062110420304	0,7		
2.8	103	28 H		'79-81	W20FP-U	062110420304	0,7		
3.0 i	130-132	30 E / 30 NE		'79-82	W20FP-U	062110420304	0,7		
3.0	110	30 S CIH		'79-82	W20FP-U	062110420304	0,7		
3.0 i	115-132	C 30 LE/C 30 NE		'79-82	W20FP-U	062110420304	0,7		



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SENATOR-B

3.0 i 24V	150	C 30 SE DOHC		'89-'93	K20TXR	062110120304	0,8	IK20	062120040304
3.6 i	145	C 36 NE Iræcher		'89-'93	K20TXR	062110120304	0,8	IK20	062120040304
4.0 i	200	C 40 SE Iræcher		'91-'93	K20PBR	062110050304	0,8	IK20	062120040304

SIGNUM

1.8 i 16V	90	Z 18 XE Ecotec		05/'03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
2.0 i 16V Turbo	129	Z 20 NET Turbo Ecotec		05/'03→	PK20PR11	062110180304	1,0	IK20	062120040304
2.2 i 16V	114	Y 22 XE, Z 22 XE Ecotec		'03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
2.2 i 16V Direct	114	Z 22 YH Direct Ecotec		05/'03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
3.2 i V-6 24V Turbo	155	Z 32 SE Ecotec		05/'03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
3.2 i V-6 24V	155	Y 32 SE (DOHC)		'03→	K20PBR-S10	062110060304	1,0	IK16	062120030304

SINTRA

2.2 i 16V	104	X 22 XE		'96-'00	K20TXR	062110120304	0,8	IK20	062120040304
3.0 i V-6	148	X 30 XE		'96-'00	K20TXR	062110120304	0,8	IK20	062120040304

SPEEDSTER

2.0 i 16V Turbo	147	Z 20 LET Turbo Ecotech		04/'03→	K20TXR	062110120304	1,0	IK20	062120040304
2.2 i 16V	108	Z 22 SE		08/'00→	ITV16	062120060304	1,1		

TIGRA

1.4 i	66	X 14 XE		'94→	K20TXR	062110120304	0,8	IK20	062120040304
1.4 i 16V TwinTop	66	Z 14 XEP		06/'04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.6 i	78	X 16 XE		'94→	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i 16V TwinTop	92	Z 18 XE		06/'04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304

TRANSPORT

2.3	101	G 16V		'93→	Q20PR-U	062110250304	0,7	IK20	062120040304
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VECTRA-A

1.4	55	14 NV OHC I		'88-'92	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55	C 16 NZ OHC		'88-'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.6 i	55	E 16 NZ / E 16 NZ2		'88-'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.6 S	60	16 SV OHC I		'88-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	52	X 16 SZ		'93-11/'95	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 - / 4x4	66	18 SV / C 18 SV OHC		'89→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 S / S 4x4	65	E 18 NVR OHC II		'88-'90	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	66	C 18 NZ OHCII (Ch. <P1999999)		'90-07/'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.8 i	66	C 18 NZ OHCII (Ch. <P5999999)		'90-07/'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.8 i	66	C 18 NZ OHCII (Ch. <P7999999)		'90-07/'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.8 i	66	C 18 NZ OHCII (Ch. R1000001 →)		08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i	66	C 18 NZ OHCII (Ch. R5000001 →)		08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i	66	C 18 NZ OHCII (Ch. P7000001 →)		08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i - / 4x4	85	20 NE / C 20 NE (Ch. <P1999999)		'88-07/'95	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i - / 4x4	85	20 NE / C 20 NE (Ch. <P5999999)		'88-07/'95	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i - / 4x4	85	20 NE / C 20 NE (Ch. <P7999999)		'88-07/'95	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i - / 4x4	85	20 NE / C 20 NE (Ch. R1000001 →)		08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i - / 4x4	85	20 NE / C 20 NE (Ch. R5000001 →)		08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i - / 4x4	85	20 NE / C 20 NE (Ch. P7000001 →)		08/'95→	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i - / 4x4	95	20 SEH OHC II		'88-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 2000 16V /...4x4	110	20 XE DOHC (Eng<14002934)		01/'89-08/'92	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 2000 16V /...4x4	110	20 XE DOHC (Eng14002935 →)		09/'92-06/'94	K20TXR	062110120304	0,8	IK20	062120040304

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VECTRA-A

2.0 2000 16V /...4x4	110	C 20 XE DOHC (Eng<14002934)		01/89-08/92	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 2000 16V /...4x4	110	C 20 XE DOHC (Eng14002935 →)		09/92-06/94	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V Turbo /...4x4	150	C 20 LET DOHC		92-95	K20R-U	062110100304	0,8	IK20	062120040304
2.5 i V-6	125	25 XE / C 25 XE		02/93-11/95	K20TXR	062110120304	0,8	IK20	062120040304

VECTRA-B

1.6 i 16V	55	16 LZ2 / X 16 SZR		10/95-08/02	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	74	X 16 XEL		10/95-08/02	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	85	X 18 XE		10/95-08/02	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i	80	20 NEJ		10/95-08/02	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	100	X 20 XEV		10/95-08/02	K20TXR	062110120304	0,9	IK20	062120040304
2.2 i 16V	106	C 22 SEL (DOHC)		10/99-03/02	K20TXR	062110120304	0,9	IK16	062120030304
2.2 i 16V	108	Z 22 SE Ecotec		10/99-03/02	ITV16	062120060304	1,1	ITV16	062120060304
2.5 i V-6	125	X 25 XE (DOHC V-6)		10/95-08/02	K20TXR	062110120304	0,9	IK20	062120040304
2.6 i V-6	130	Y 26 SE (DOHC V-6)		12/00-03/02	K20PBR-S10	062110060304	1,0	IK20	062120040304
3.0 i V-6 24V 3000 SUPERTOURING	196	Ecotec		10/97→	K20TXR	062110120304	0,9	IK20	062120040304

VECTRA-C

1.6 i 16V	74	X 16 XEL / Z 16 XE Ecotec		03/02→	K20TXR	062110120304	1,0	IK16	062120030304
1.8 i 16V	90	Z 18 XE, Z 18 XEL Ecotec		03/02→	K20TXR	062110120304	1,0	IK16	062120030304
2.0 i 16V Turbo	129	Ecotec Turbo		03/02→	K20TXR	062110120304	1,0	IK20	062120040304
2.2 i 16V	108	Z 22 SE Ecotec		03/02→	ITV16	062120060304	1,1	ITV16	062120060304
2.2 i 16V (Direct Injection)	110	Z 22 YH Ecotec Direct Injection		10/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
3.2 i V-6 24V GTS	155	Z 32 SE (DOHC V-6)		08/02→	K20PBR-S10	062110060304	1,0	IK20	062120040304

VIVARO

2.0 i 16V	88	20P - F4R - 720		03/01→	K20PR-U	062110070304	0,9	IK20	062120040304
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ZAFIRA

1.6 i 16V	74	X 16 XE / Z 16 XE(L) DOHC Ecotec		03/99-06/05	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V CNG	71	Z 16 YNG		09/01→	PK20PR-P8	062110190304	0,8		
1.6 i 16V	77	Z 16 XEP DOHC Ecotec		07/05→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.8 i 16V	85	X 18 XE / Z 18 XE DOHC Ecotec		03/99-06/05	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	103	Z 18 XEP DOHC Ecotec		07/05→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
2.0 i 16V OPC	141	Z 20 LET Turbo Ecotech		09/01-06/05	K20TXR	062110120304	1,0	IK20	062120040304
2.0 i 16V GSI Turbo	141	Z 20 LET Turbo Ecotech		09/01-06/05	K20TXR	062110120304	1,0	IK20	062120040304
2.0 i 16V Turbo	147	Z 20 LER Turbo Ecotec		07/05→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
2.0 i 16V Turbo OPC	177	Turbo Ecotec		01/06→	PK20PR11	062110180304	1,1		
2.2 i 16V	108	Z 22 SE Ecotec		09/00-06/05	ITV16	062120060304	1,1	ITV16	062120060304
2.2 i 16V	110	Z 22 YH Ecotec		07/05→	K20PBR-S10	062110060304	1,0	IK16	062120030304

OTOSAN

ANADOL

1.3				67-85	W20EP-U	062110410304	0,8	IW20	062120070304
1.6				67-85	W20EP-U	062110410304	0,8	IW20	062120070304

FORD ESCORT

1.6 i 16V		ZETEC EFI		94→	PT16VR13	062110220304	1,3	ITV16	062120060304
1.8 i 16V		ZETEC EFI		94→	PT16VR13	062110220304	1,3	ITV16	062120060304



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NIPPA

0.85 (L201)	28	ED 10 (847cc)	3 Cyl	'97 →			0,8	IW20	062120070304
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KENARI

1.0 i 12V	40	EJ-DE (VVT)	3 Cyl	'00 →	K16TNR-S9	062110500304	0,9	IK16	062120030304
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KEMBARA

1.3 i 16V (4WD)	62-67	HC -E		'99 →	K20TNR-S9	062110110304	1,0	IK20	062120040304
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PEUGEOT

104

1.0 GL / GR / Z / ZA / ZL	33	XV 5 (108)		'79-'83	T20EP-U	062110330304	0,6		
1.0 GL / Z / ZA	32	XV 8 (108C)		'83-'88	T20EP-U	062110330304	0,6		
1.1 S / ZS	49	XW 3 S		'75-'80	T22EP-U	062110340304	0,6		
1.1 GL/GR/SL/SR/ZL/ZR	42	XW 3		'76-'82	T20EP-U	062110330304	0,6		
1.1 GR / ZA		XW 5		'76-'88	T20EP-U	062110330304	0,6		
1.1 ZL / Entrepise	41	XW 2		'77-'82	T20EP-U	062110330304	0,6		
1.1 GL/GR/SL/SR/Z/ZA/ZR	37	XW 7		'79-'88	T20EP-U	062110330304	0,6		
1.2 SR	42	XZ 5		'79-'83	T20EP-U	062110330304	0,6		
1.4 S / ZS	53	XY 6.B		'79-'83	T20EP-U	062110330304	0,6		
1.4 ZS	59	XY 8		'82-'86	T22EP-U	062110340304	0,6		

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1.0 XN , XR	33	TU 9 / .K (C1A)		'91-07/'92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.0 i XN , XR	33	TU 9.M	Cat	'91-'92	Q16PR-U	062110230304	0,8	IK16	062120030304
1.0 i XA / XN / XR / Kid	33-37	TU 9.M / Z (CDY/CDZ)	Cat	'92-06/'95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.0 i XA / XN / XR / Kid / Sketch	33-37	TU 9.M / Z (GDY/CDZ)	Cat	07/'95 →	K20TXR	062110120304	0,9	IK16	062120030304
1.1 XN , XR , XT	44	TU 1 / .K (H1A)		'91 →	Q20P-U	062110270304	0,8	IK20	062120040304
1.1 i XA / XN / XR / XT	44	TU 1.M / Z (HDZ)	Cat	'91-06/'95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.1 i XA / XN / XR / XT	44	TU 1.M / Z (HDZ)	Cat	07/'95 →	K20TXR	062110120304	0,9	IK16	062120030304
1.3 Rallye	72	TU2.J2	Cat	10/'93 →	K22PBR-S	062110130304	0,9		
1.4 XR / XT	55	TU 3 / TU 3.2 (K2D)		'91-'93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XR / XT / XS	55	TU 3.F / M (KDX)	Cat	'91 →	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XR / XS / XT	55	TU 3.M/Z (KDY)	Cat	'91-02/'95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XR / XT	55	TU 3.M/Z (KDY)	Cat	03/'95 →	K20TXR	062110120304	1,0	IK20	062120040304
1.4 XN / XR / XS / XT	55	TU 3.JP	Cat	03/'96 →	K20TXR	062110120304	1,0	IK20	062120040304
1.4 XSi	69-72	TU 3.J2 / ..FJ2 (KFZ)	Cat	'91 →	K22PBR-S	062110130304	0,8		
1.4 XSi	72	TU 3FJ2 / ..Z (K6B)		'91 →	K22PBR-S	062110130304	0,8		
1.4 i Rallye	69	TU 3.J2		'91-'94	K22PBR-S	062110130304	0,8		
1.6 i XS / XT / XN(AT)	66	TU 5.JP (..FJ) (NFZ)	Cat	06/'93-06/'95	K20PBR	062110050304	0,8	IK20	062120040304
1.6 i XN / XR / XS / XT / Grifè	66	TU 5.JP (..FJ) (NFZ)	Cat	07/'95 →	K20TXR	062110120304	1,0	IK20	062120040304
1.6 Rallye	74-77	TU 5.J2		'94 →	K20PBR	062110050304	0,8	IK20	062120040304
1.6 XSi	77	TU 5.J2	Cat	'93 →	K20PBR	062110050304	0,8	IK20	062120040304
1.6 S 16 / GTi 16V	87	TU 5.J4 (NFX)		05/'96 →	K20PR-U	062110070304	0,8	IK20	062120040304

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1.0 i 12V	50	1KR-FE		05 →	K20HR-U11	062110040304	1,1		
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205

1.0 GE/ GL/ GR/ Junior/ XE	31	XV 8 (108C)		'83-10/'90	T20EP-U	062110330304	0,7		
1.0 XL / XR	31	XV 8 (108C)		'83-10/'91	T20EP-U	062110330304	0,7		
1.0 XL / XR / XS	33	TU 9 (C1A)		07/'87-'00	Q20P-U	062110270304	0,8	IK20	062120040304

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Model	kw	Engine	Cat	Year	Denso Part	Denso Code	Gap	Marelli Part	Marelli Code
1.0 GL / Junior / XA / XE	33	TU 9 (C1A)		07/87-00	Q20P-U	062110270304	0,8	IK20	062120040304
1.0 GE / Junior / Look	33	TU 9.M	Cat	'89-06/95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.0 GE / Junior / Look	33	TU 9.M	Cat	07/95-00	K20TXR	062110120304	0,9	IK20	062120040304
1.1 GE / GL / GR / Lacoste	37	XW 7 / A		'83-07/87	T20EP-U	062110330304	0,6		
1.1 XA / XE / XL / XR	37	XW 7 / A		'83-07/87	T20EP-U	062110330304	0,6		
1.1 CJ / GE / GL / GR / Green	40	TU 1 (H1A)		'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 Junior / Open / Style / XA	40	TU 1 (H1A)		'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 XE / XL / XR / XRA	40	TU 1 (H1A)		'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 Societe / XA / XL / GL	41	E1 / TU1CLC (H1B)		'87-93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.1 XA / XE / XL / XR / CJ	44	TU 1.M / Z (HDY, HDZ)	Cat	07/89-06/95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.1 Junior / Look / Forever	44	TU 1.M / Z (HDY, HDZ)	Cat	07/89-06/95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.1 GL / GR / Green	44	TU 1.M / Z (HDY, HDZ)	Cat	07/89-06/95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.1 XA / XE / XL / XR / CJ	44	TU 1.M / Z (HDY, HDZ)	Cat	07/95-00	K20TXR	062110120304	0,9	IK20	062120040304
1.1 Junior / Look / Forever	44	TU 1.M / Z (HDY, HDZ)	Cat	07/95-00	K20TXR	062110120304	0,9	IK20	062120040304
1.1 GL / GR / Green	44	TU 1.M / Z (HDY, HDZ)	Cat	07/95-00	K20TXR	062110120304	0,9	IK20	062120040304
1.2 GR	46	F1		'89-10/90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 SR/ XR/ XRA/ Green/ Societe	47	G 1 (1G1E)		'87-92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 Raje	76	TU 2.4 (M2A)		'88-93	K22PBR-S	062110130304	0,8		
1.4 XS / XT	52	XY 6.B		'83-07/87	T22EP-U	062110340304	0,6		
1.4 CT / GR / Lacoste / XR	52	XY 6.B		'83-07/87	T22EP-U	062110340304	0,6		
1.4 CT / GT / Lacoste	58	XY 8 (150B)		'83-07/87	T22EP-U	062110340304	0,6		
1.4 XS / XT	44	XY7 / XY7CP (150D)	W/W Cat	'83-90	T20EP-U	062110330304	0,6		
1.4 SR / XA / XR / XRA	44	XY7 / XY7CP (150D)	W/W Cat	'83-90	T20EP-U	062110330304	0,6		
1.4 CJ / GL / GR / Lacoste	44	XY7 / XY7CP (150D)	W/W Cat	'83-90	T20EP-U	062110330304	0,6		
1.4 CJ / GL / GR / GT / SR	43-50	TU 3 / TU3A.. (K1A)		'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XA / XR / XRA / XS / XE / XL	43-50	TU 3 / TU3A.. (K1A)		'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 Junior/ Open/ Green	43-50	TU 3 / TU3A.. (K1A)		'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XS / XT / XR	63	TU 3.S (K2B)		'87-00	Q22PR-U	062110280304	0,8		
1.4 CT / GL / GT / SR	63	TU 3.S (K2B)		'87-00	Q22PR-U	062110280304	0,8		
1.4 GL / GT / Indiana/ SR / XL	55	TU 3.F2 (K2D)		'87-93	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 Raje	75	TU 2.4		'88-91	K22PBR-S	062110130304	0,8		
1.4 GR	48	F 1		'87-00	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 GR / GT / GTX / Lacoste	61-69	Y 2 / J 2		'89-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 CJ	44	TU 3.CP (KAY)	(A, CH) Cat	'87-93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i CJ / CT / GR / GT / XR / XS	55-58	TU 3. M (KDY,KDZ)	Cat	'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i Green / Forever / Cabrio / ..	55-58	TU 3. M (KDY,KDZ)	Cat	'87-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 i CJ / CT / GR / GT / XR / XS	55-58	TU 3. M (KDY)	Cat	07/95-00	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i Green / Forever / Cabrio / ..	55-58	TU 3. M (KDY)	Cat	07/95-00	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i	55	TU 3 FM	Cat	'91-00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 Autoatic	58	XU 5.1C		'83-07/87	T20EP-U	062110330304	0,6		
1.6 GR	58	XU 5.1C		'83-07/87	T20EP-U	062110330304	0,6		
1.6 XR / XS / XT	53-55	XU 5.CP	Cat	'83-07/87	T22EP-U	062110340304	0,6		
1.6 GTi	76	XU 5.J		'83-07/87	T22EP-U	062110340304	0,6		
1.6 GTi	83	XU 5.JA (B6D)		'85-06/87	T22EP-U	062110340304	0,6		
1.6 CTi / GTi	76-83	XU 5.JA (B6D,B6E)		07/87-00	Q22P-U	062110300304	0,8		
1.6 Autoatic	58	XU 5.1C		07/87-90	Q20P-U	062110270304	0,8	IK20	062120040304


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1.6 XR / XS / XT	58	XU 5.1C		07/87-90	Q20P-U	062110270304	0,8	IK20	062120040304
1.6 CT/ GR / Open	58	XU 5.1C		07/87-90	Q20P-U	062110270304	0,8	IK20	062120040304
1.6 CTi	76	XU 5.J1		'88-'90	Q22PR-U	062110280304	0,8		
1.6 Automatic	65	XU 5M /..2Z /..3Z (BDY)	Cat	'90-'00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GR / Si	65	XU 5M /..2Z /..3Z (BDY)	Cat	'90-'00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GTi	90-94	XU 9.JA (D6B)		'86-'00	Q22PR-U	062110280304	0,8		
1.9 GTi	75	XU 9.J1	Cat	'86-10/87	T20EP-U	062110330304	0,6		
1.9 GTi / CTi / Open	75-77	XU 9.J1 (DFZ)	Cat	10/87-'00	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GTi / CTi	88	XU 9.JAZ (DKZ)	Cat	10/87-'00	Q20PR-U	062110250304	0,8	IK20	062120040304

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1.1 i	44	TU 1JP (HFZ)		06/98→	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i	55	TU 3JP		06/98→	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i 16V	65	ET3J4 (KFU)		10/03→	XE20HR-U9	062110630304	0,9		
1.6 i	65	TU5JP		06/98→	K20TXR	062110120304	1,0	IK20	062120040304
1.6 i 16V	80	TU5JP4 (NFU)	(26.5rthread)	12/00→	K20HR-U11	062110040304	0,9		
2.0 i GTi 16V / S16	100	EW10J4 (RFN, RFR)	(26.5rthread)	01/99→	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 i 16V RC	130	EW10J4S		07/03→	K20HR-U11	062110040304	1,1		

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1.4 i	54	TU 3A		02/06→	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i 16V	65	ET3J4 (KFU)	(26.5rthread)	02/06→	XE20HR-U9	062110630304	0,9		
1.6 i 16V	80	TU5JP4	(26.5rthread)	02/06→	K16HPR-U11	062110010304	0,9	IKH16	062120050304
1.6 i 16V	85	EP6 (Direct injection)	(BMW)	12/06→	K16HPR-U11	062110010304	0,9	IKH16	062120050304

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1.1 GL / SR / Break	37-40	XK 5		'77-'88	T20EP-U	062110330304	0,6		
1.3 GL / Break	44	XL 5 TR		'77-'90	T20EP-U	062110330304	0,6		
1.3 GL / Break	47	XL 5		'77-'90	T20EP-U	062110330304	0,6		
1.5 GL / S / S TearhSR	64-66	XR 5.S		'77-10/83	T20EP-U	062110330304	0,8		
1.5 EXL / GL / S / SR / Break	50-55	XR 5 /A		'77-'90	T20EP-U	062110330304	0,8		
1.6 GL / GR / SR / Break	55	XU 5.1CTR (Taper seat)		'82-10/88	T20EP-U	062110330304	0,6		
1.6 GL / GR / SR / Break	55	XU 5.1CTR (Fat seat)		08/87-10/88	Q20P-U	062110270304	0,8	IK20	062120040304
1.6 GL / SR / Break / Van	58	XU 5.1C		'82-06/87	T20EP-U	062110330304	0,6		
1.6 GL / SR / Break / Van	58	XU 5.1C		07/87-'90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GL / GR / GT / GTX	66-71	XU 5.S		'82-'90	T22EP-U	062110340304	0,8		
1.6 SR / Break	66-71	XU 5.S		'82-'90	T22EP-U	062110340304	0,8		
1.6 16 S / Break 16S / GL / SR	54	XU 5.CP (BAZ)	Cat	'82-07/87	T20EP-U	062110330304	0,6		
1.6 16 S / Break 16S / GL / SR	54	XU 5.CP (BAZ)	Cat	08/87-'90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GL/ GR/ GT/ GTX/ SR/ Break	76	XU 9 S (159A)		'82-'90	T22EP-U	062110340304	0,6		
1.9 GTX / Break	75	XU 9.2C		'82-07/87	T22EP-U	062110340304	0,6		
1.9 GTX / Break	75	XU 9.2C		08/87-'90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GTX / SR / Break	72	XU 9.J1 (DFZ)	Cat	'82-07/87	T20EP-U	062110330304	0,8		
1.9 GTX / SR / Break	72	XU 9.J1 (DFZ)	Cat	08/87-'90	Q20PR-U	062110250304	0,8	IK20	062120040304

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1.1 XN / XA / XR / Plus	40-44	TU 1.M /..MZ (HDZ)		'93-06/95	Q16PR-U	062110230304	0,8	IK16	062120030304
1.1 XN / XA / XR / Plus	40-44	TU 1.M /..MZ (HDZ)		07/95→	K20TXR	062110120304	0,9	IK16	062120030304
1.4 XN / XR	44-55	TU 3 / TU 3.2		'93→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XL / XN / XR / XT/ SL/ ST	55	TU 3.M / MC / MCZ		'93-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304

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1.4 XL / XN / XR / XT / SL / ST	55	TU 3.M / MC / MCZ		07/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.6 XL / XR / XS / XT / SR / ST	66	TU 5.JP /...JPZ		'93-06/95	K20TXR	062110120304	0,9	IK20	062120040304
1.6 R.Garros	66	TU 5.JP /...JPZ		'93-06/95	K20TXR	062110120304	0,9	IK20	062120040304
1.6 XL / XR / XS / XT / SR / ST	66	TU 5.JP /...JPZ		07/95→	K20TXR	062110120304	1,0	IK20	062120040304
1.6 R.Garros	66	TU 5.JP /...JPZ		07/95→	K20TXR	062110120304	1,0	IK20	062120040304
1.6 i Cabrio	65	TU 5.JP (NFZ)		04/96→	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i XR / XS / XT / SR / ST	74-76	XU 7.JP /...JPZ		'93-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.8 i Cabrio	75-76	XU 7.JP /...JPZ		'93-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.8 i XR / XS / XT / SR / ST	76-76	XU 7.JP /...JPZ		07/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i Cabrio	77-76	XU 7.JP /...JPZ		07/95→	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V .. / Break	81	XU 7.JP4 (LFY)		03/97→	K20TXR	062110120304	0,9	IK16	062120030304
2.0 ST / XSi / Grifé / Gentry	89	XU 10.J2 ..C/CL/Z (RFX)		'93-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 Cabrio	89	XU 10.J2 ..C/CL/Z (RFX)		'93-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 ST / XSi / Grifé / Gentry	89	XU 10.J2 ..C/CL/Z (RFX)		03/95 →	K20TXR	062110120304	0,9	IK20	062120040304
2.0 Cabrio	89	XU 10.J2 ..C/CL/Z (RFX)		03/95→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V .. / Break	97	XU 10.J4R (RFV)		03/97→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 16V / S16 / Le Mans	110-114	XU 10.J4 /..Z (RFY)		'93→	Q22PR-U	062110280304	0,8		
2.0 GTi 16V / Rallye	123	XU10J4/RS		'96 →	K20TNR-S9	062110110304	0,9	IK20	062120040304
307									
1.4 i	55	TU3 JP (KFW)		05/01→	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 i 16V	65	ET3 J4 (KFU)		11/03→	XE20HR-U9	062110630304	0,9		
1.6 i 16V	80	TU5 JP4 (NFU)	(26.5rthread)	04/01→	K20HR-U11	062110040304	0,9		
2.0 i 16V	100	EW10J4 (RFN)	(26.5rthread)	04/01→	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 i 16V	103	EW10A (RFJ)	(26.5rthread)	03/05→	K20HR-U11	062110040304	0,9		
2.0 i 16V	131	EW10J4S	(26.5rthread)	05/04→	K20HR-U11	062110040304	1,1		
309									
1.1 GE / GL / XA / XE / Societe	40	E 1 (E 1A)		'85-12/91	Q20P-U	062110270304	0,8	IK20	062120040304
1.1 XA / XE / GE / Chorus	40	TU 1		'89-12/93	Q20P-U	062110270304	0,8	IK20	062120040304
1.1 GE / GL / GR / GLX / XE / XL	40-44	TU 1.M /Z (HDY,HDZ)	Cat	'90-12/93	Q20PR-U	062110250304	0,8	IK16	062120030304
1.3 GL / GR / XA / XL / Profil	47-52	G 1 - G 2 / G1A		85-12/91	Q20P-U	062110270304	0,7	IK20	062120040304
1.4 GR / SX / Green	61	Y 2		10/86-12/91	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 SX / XS	62	TU 3.S / ..SCLC (K2B)		01/89-12/93	Q22P-U	062110300304	0,8		
1.4 GE / GL / GR / Green / XL	42-51	TU 3 / A		01/89-12/93	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 XR	42-51	TU 3 / A		01/89-12/93	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 GE / GL / GLX / GR / GRX	55	TU 3.F2 (K2D)		07/91-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 SX / XL / Look / Green	55	TU 3.F2 (K2D)		07/91-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 Styb / Trio / Profil	55	TU 3.F2 (K2D)		07/91-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 GL / GLX / GR / Green	55-58	TU 3.M / FM (KDZ,KDY)	Cat	07/88-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 GRX / SR / SX / XE / XL	55-58	TU 3.M / FM (KDZ,KDY)	Cat	07/88-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.4 XR / XS	55-58	TU 3.M / FM (KDZ,KDY)	Cat	07/88-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.5	63	2Y / K		06/87-12/89	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 Automatic/ GE/ GR/ GT	55-58	XU 5.1C		'85-06/87	T22EP-U	062110340304	0,6		
1.6 XR / XS / XE / XL	55-58	XU 5.1C		'85-06/87	T22EP-U	062110340304	0,6		
1.6 SR / SX / Look	55-58	XU 5.1C		'85-06/87	T22EP-U	062110340304	0,6		
1.6 GL/ GLX/ GR/ GT/ GE	53-58	XU 5.1C		07/87-12/90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 SR/ SX/ XE/ XL/ XR/ XS	53-58	XU 5.1C		07/87-12/90	Q20PR-U	062110250304	0,8	IK20	062120040304



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1.6 Autoatic / Chorus / Look	53-58	XU 5.1C		07/87-12/90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 SR	69	J 2		'86-12/91	Q20P-U	062110270304	0,8	IK20	062120040304
1.6 GE / GRi / GT / GTi / SRi	76-83	XU 5.J / JA		'85-06/87	T22EP-U	062110340304	0,8		
1.6 SXi / X Ri / XS / XSi	76-83	XU 5.J / JA		'85-06/87	T22EP-U	062110340304	0,8		
1.6 GE / GRi / GT / GTi / SRi	76-90	XU 5.J / JA		07/87-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 SXi / X Ri / XS / XSi	76-90	XU 5.J / JA		07/87-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GL / GLX / GR / SR / SX	65-68	XU 5.2 C		'88-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 XL / XR / XS	65-68	XU 5.2 C		'88-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 Autoatic / Chorus / GE	65-68	XU 5.2 C		'88-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GL / GR / XL / Chorus	54	XU 5.CP	Cat	'86-06/87	T20EP-U	062110330304	0,6		
1.6 GL / GR / XL / Chorus	54	XU 5.CP	Cat	07/87-88	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 i GR / GL / GLX / SR / SX	65	XU 5.M / .Z / .2Z / .3Z	Cat	'89-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 i XS / XL / XR / Autoatic	65	XU 5.M / .Z / .2Z / .3Z	Cat	'89-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GRi / GT i / Si / X Ri / XSi	94	XU 9.JA		'86-06/87	T22EP-U	062110340304	0,6		
1.9 GRi / GT i / Si / X Ri / XSi	94	XU 9.JA		07/87-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GR / GT / GTX / SX / XS	75	XU 9.2C (D2A)		'85-06/87	T22EP-U	062110340304	0,6		
1.9 GR / GT / GTX / SX / XS	75	XU 9.2C		07/87-09/90	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GR / GT / GTX / SX / XS	80	XU 9.2C (D2FD2H)		10/90-12/93	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GR / GT / SX	80	XU 9.M (DDZ)	Cat	07/88-12/93	Q20PR-U	062110250304	0,9	IK20	062120040304
1.9 GTi / Si	72	XU 9.J1	Cat	'86-06/87	T20EP-U	062110330304	0,6		
1.9 GTi / Si	72	XU 9.J1	Cat	07/87-12/92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GTi	88-90	XU9.JAZ (DKZ)	Cat	'88-12/93	Q20PR-U	062110250304	0,9	IK20	062120040304
1.9 GTi 16V	108-116	XU 9.J4 / J4K / J4Z		'90-12/93	K22PBR-S	062110130304	0,8		

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1.4 GL / GR	44-51	TU 3 / A / TR		'87-06/92	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 GL / GR	55	TU 3.F2		'91→	Q20P-U	062110270304	0,8	IK20	062120040304
1.4 i GL	55	TU 3.(F)M / Z (KDX)	Cat	07/92→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GE / GL / SR	65-68	XU 5.2C		'87→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GE / GL	53-55	XU 5.1C / CP		'87-12/92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GE / GL / GLi / GRi / SRi	65	XU 5.M / .2Z / .3Z (BDZ)	Cat	'89→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.6 GL / GLX / GR	66	XU 5.JP (BFZ)	Cat	'95→	K20TXR	062110120304	0,9	IK20	062120040304
1.8 GR / GL / GLX / SR / Style	74	XU 7.JP (LFZ)	Cat	08/92-06/95	Q20PR-U	062110250304	0,8	IK20	062120040304
1.8 GR / GL / GLX / SR / Style	74	XU 7.JP (LFZ)	Cat	07/95 →	K20TXR	062110120304	0,9	IK20	062120040304
1.9 GE / GL / GR / SR	70-81	XU 9.2C (D2D)		'87-12/92	Q20P-U	062110270304	0,8	IK20	062120040304
1.9 GE / GL / GR / SR	79	XU 9.2CTR		'87-92	Q20P-U	062110270304	0,8	IK20	062120040304
1.9 GE / GRi / GTX / Si	90-92	XU 9.J2		07/87-92	Q20P-U	062110270304	0,8	IK20	062120040304
1.9 SRi / STi	90-92	XU 9.J2		07/87-92	Q20P-U	062110270304	0,8	IK20	062120040304
1.9 GE / GRi / GTX / Si	82	XU 9.J2 (DFV)	Cat	07/87-92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 SRi / STi	82	XU 9.J2 (DFV)	Cat	07/87-92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GRi / GLi / SRi	77-80	XU 9.J1 / JM (DFZ)	Cat	'87-12/92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 GRi / GRi 4x4 / SRi	88	XU 9.JAZ (DKZ,DFY)	Cat	'88-12/92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 SRi 4x4 / STi	88	XU 9.JAZ (DKZ,DFY)	Cat	'88-12/92	Q20PR-U	062110250304	0,8	IK20	062120040304
1.9 Mi 16 16V	108-118	XU 9.J4 / Z (DFW)	W/W Cat	'87-06/92	K22PBR-S	062110130304	1,0		
2.0 Mi 16 16V	110-118	XU 10.J4 / L / Z (RFY)	Cat	'92-06/95	K20PBR	062110050304	0,8	IK20	062120040304
2.0 Mi 16 16V	110-118	XU 10.J4 / L / Z (RFY)	Cat	07/95→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 Ti 16 16V / .4x4	144-147	XU10.J4TE (RGZ) (Turbo)	Cat	'92→	K22PBR-S	062110130304	0,8		

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2.0 SRi / GRi / GRi 4x4 / SRX 4	88	XU 10.J2 (C) (RFX)	Cat	'92-06/'95	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 Signature / Exclusive	88	XU 10.J2 (C) (RFX)	Cat	'92-06/'95	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 SRi / GRi / GRi 4x4 / SRX 4	88	XU 10.J2 (C) (RFX)	Cat	07/'95→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 Signature / Exclusive	88	XU 10.J2 (C) (RFX)	Cat	07/'95 →	K20TXR	062110120304	0,9	IK20	062120040304	
406										
1.6 SL	65	TU5JP (BFZ)		11/'95→	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 ../ SL / ST	65	XU7JP		11/'95→	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 16V ../ SL / ST	81	XU7JP(4) (LFY)		11/'95→	K20TXR	062110120304	0,9	IK16	062120030304	
2.0 16V SV	97	XU10J4R (RFV)		11/'95→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 16V	100	EW10J4 (RFR)	(26.5thread)	04/'99→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.0 Turbo	110	XU10.J2 TE / CTE (RGX)		'96→	K20TXR	062110120304	0,9	IK20	062120040304	
2.2 16V	118	EW12J4 (3FZ)	(26.5thread)	10/'99→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
3.0 V-6 24V	140	ES 9 J4 (XFZ)	(19.0thread)	08/'96-'02	K20TXR	062110120304	1,0	IK20	062120040304	
3.0 V-6 24V	150	ES 9 J4S (XFX)	(26.5thread)	12/'99→	IKH16	062120050304	1,1	IKH16	062120050304	
407										
1.8 i 16V	85	EW7J4		05/'04→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.0 i 16V	100	EW10J4		05/'04→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.2 i 16V	116	EW12J4		05/'04→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
3.0 i V-6 24V	155	ES9A		05/'04→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
504										
1.6 GR	45	XC 7		'79-90	W20EP-U	062110410304	0,8	IW20	062120070304	
1.8 GL / GR / L / SR / Pick-up	50-59	XM 7		'71→	W20EP-U	062110410304	0,8	IW20	062120070304	
2.0 GL / GR / L / SR	68-71	XN 1		'73-'91	W20EP-U	062110410304	0,8	IW20	062120070304	
2.0 Ti	74-78	XN 2		'75-'83	W20EP-U	062110410304	0,8	IW20	062120070304	
2.7 Ti V-6	100-106	ZMJ		'77-'83	T20EP-U	062110330304	0,8			
505										
1.8 GL / GR / SR / SX	55-62	XM 7 / XM 7A		'79-93	W20EP-U	062110410304	0,8	IW20	062120070304	
2.0 GTi / STi / Ti	81-83	ZEJ / .K		'79-89	T22EP-U	062110340304	0,8			
2.0 GR / SR / Break / Autom	72	XN 1		'79-93	W20EP-U	062110410304	0,8	IW20	062120070304	
2.0 GL / GR / SL / SR / i	71	XN 6	Cat	'80-90	W20EPR-U	062110390304	0,8	IW20	062120070304	
2.0 Dangl GL/ GR/ ST/ SX	74	XN 1A		'85-'93	W20EP-U	062110410304	0,8	IW20	062120070304	
2.2 Autoatic / Break / GTi	85	ZDJK		'81-10/'84	T22EP-U	062110340304	0,6			
2.2 Autoatic / Break / GTi	84-96	ZDJL	W/W Cat	'83-93	T22EP-U	062110340304	0,6			
2.2 Turbo	123-132	N 9T / N9TE		'82-'90	W22EP-U	062110450304	0,8			
2.2 Turbo	104-116	N 9T / N9TE	Cat	'84-'90	W22EP-U	062110450304	0,8			
2.8 V-6 - / Autoatic	122	ZN 3J		'86-'93	T22EP-U	062110340304	0,8			
2.8 V-6 - / Autoatic	105	ZN 3J	Cat	'86-'93	T20EPR-U	062110320304	0,8			
605										
2.0 SL / SR	79-84	XU 10.2C / ..K (R2A,R5A)		'89-'00	Q22PR-U	062110280304	0,8			
2.0 SLi	79	XU 10.M / ..MZ (RDZ)	Cat	'89-'94	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 SLi / SRi / SVi	89	XU 10.J2Z / ..L (RFZ)	Cat	'89-'00	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 SLi / SRi / SVi	94	XU 10.J2 / ..K (R6A)		'89-'00	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 SRTi / SRVi / SVTi	104-107	XU 10.J2 TE (RGY)	Cat	'92-'00	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 16V SLi / SRi	97	XU10J4R (RFV)	Cat	07/'94-'00	K20TXR	062110120304	0,9	IK20	062120040304	
3.0 V-6 SRi / SVi	125	ZP J (S6A,SFZ)	W/W Cat	'89-'00	K20PBR	062110050304	0,8	IK20	062120040304	
3.0 V-6 SVi / SV24 24V	147	ZP J4 (SKZ)	Cat	'89-'00	K20PBR	062110050304	0,8	IK20	062120040304	



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PEUGEOT

PEUGEOT										
605										
3.0 V-6 24V	143	ES 9 J4		03/97-00	K20TXR	062110120304	1,0	IK20	062120040304	
607										
2.0 i 16V	100	EW10J4 (RFR)	(26.5rthread)	01/00→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.2 i 16V	116	EW12J4 (3FZ)	(26.5rthread)	01/00→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
3.0 i V-6 24V	152	ES9J4S (XFX)	(26.5rthread)	01/00→	IKH16	062120050304	1,1	IKH16	062120050304	
806										
1.8 i	73	XU7JP.		'96→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 i	89	XU 10.J2 C ../Z (RFU)		'94-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 i	89	XU 10.J2 C ../Z (RFU)		04/95→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 i 16V	98	XU 10.J4R (RFV)		05/98	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 i 16V	100	EW10J4 (RFN)	(26.5rthread)	01/00→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.0 i Turbo	108	XU 10.J2TE ../Z (RGX)		'94→	K20TXR	062110120304	0,9	IK20	062120040304	
807										
2.0 i 16V	100	EW10J4 (RFN)	(26.5rthread)	06/02→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.2 i 16V	116	EW12J4 (3FZ)	(26.5rthread)	06/02→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
3.0 i V-6 24V	150	ES9J4S (XFX)	(26.5rthread)	06/02→	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
1007										
1.4 i	55	TU3 JP (KFV)		04/05→	K20PR-U	062110070304	0,9	IK20	062120040304	
1.4 i 16V	65	ET3 J4 (KFU)		10/05→	XE20HR-U9	062110630304	0,9			
1.6 i 16V	80	TU5 JP4 (NFU)		04/05→	K20HR-U11	062110040304	0,9			
BOXER										
2.0	79	XU102C		'94-03/95	Q20P-U	062110270304	0,8	IK20	062120040304	
2.0	79	XU102C		04/95→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 i	80	XU10J2 ../U ../X3 (RFW)		'94-03/95	Q20PR-U	062110250304	0,8	IK20	062120040304	
2.0 i	80	XU10J2 ../U ../X3 (RFW)		04/95→	K20TXR	062110120304	0,9	IK20	062120040304	
EXPERT										
1.6 i	58	1580 SPI (220.A2)		'96→	Q22PR-U	062110280304	0,8			
1.8 i		XU7JP		09/96→	K16HPR-U11	062110010304	0,8	IKH16	062120050304	
2.0 i 16V	100	EW10J4		09/96→	K16HPR-U11	062110010304	0,8	IKH16	062120050304	
J5										
1.8	49-51	XM 7 T (169)		'81-'94	W20EP-U	062110410304	0,6	IW20	062120070304	
2.0 ../ 4x4	55-72	XN 1 T / XN 1 TA	W/W Cat	'81-'94	W20EP-U	062110410304	0,6	IW20	062120070304	
J9										
1.6	43	XC 7 P		'80-'94	W20EP-U	062110410304	0,6	IW20	062120070304	
2.0	55	XN 1 P		'80-'94	W20EP-U	062110410304	0,8	IW20	062120070304	
P4										
1.0		XN 8		'86→	W20EP-U	062110410304	0,8	IW20	062120070304	
PARTNER										
1.1 i	44	TU 1 M		06/96→	K20TXR	062110120304	1,0	IK20	062120040304	
1.4 i	55	TU 3 JP		06/96→	K20TXR	062110120304	1,0	IK20	062120040304	
1.6 i 16V	80	TU5 JP4 (NFU)		02/01→	K20HR-U11	062110040304	0,9			
1.8 i	66	TU 7 JP		06/96→	K20TXR	062110120304	0,9	IK20	062120040304	
U 10										
ALL				→'85	W20EP-U	062110410304	0,8	IW20	062120070304	

DENSO



MAGNETI MARELLI



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PIAGGIO

MINI VAN

1.0	33	Daihatsu		'92→	W16EPR-U	062110350304	0,8		
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POLMO

125 P

1.3 1300	40			'68-'80	W20EP-U	062110410304	0,6	IW20	062120070304
1.5 1500	52			'68-'80	W20EP-U	062110410304	0,6	IW20	062120070304

126 P

0.6	17	(12,7 m1/2')		'72-'81	W20FP-U	062110420304	0,6		
0.6	17	(19,0 m3/4')		'72-'81	W22EP-U	062110450304	0,6		

PONTIAC (EUROPE)

BONNEVILLE

3.8 i V-6	122	V-6 3-SFI		'86-'88	T16EPR-U	062110600304	0,9		
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GRAND AM

2.0 L-4	123	L-4 4-MPI		'86-'89	W22EPR-U	062110430304	0,9		
2.3	90			'91→			1,1	IK16	062120030304
2.3 16V	119	DOHC		'91→			1,1	IK16	062120030304
2.3 16V GT	134	DOHC		'91→			1,1	IK16	062120030304

GRAND PRIX

3.1 i V-6 Turbo	153	V-6 4-MPI		'88-'90	T20EPR-U	062110320304	0,9		
3.1 i V-6	104	V-6 4-MPI		'88-'91	T16EPR-U	062110600304	0,9		
3.4 i V-6		V-6 4>		'92 →	T20EPR-U	062110320304	0,9		

TRANS SPORT

2.3 16V	108	DOHC		'92→	Q20PR-U	062110250304	0,9	IK20	062120040304
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PORSCHE

911

2.4 T				09/71-08/73	W22EP-U	062110450304	0,7		
3.2 Carrera	160	930.25		08/86-08/89	W20EPR-U	062110390304	0,7	IW20	062120070304
3.3 (964) Turbo		930.69	USA	12/90-08/92			0,6	IW20	062120070304
3.4 (996) Carrera / 4	221-235	M 96.01 / M96.04		06/97→	K20PBR-S10	062110060304	0,8	IK20	062120040304
3.6 (964) Carrera 2 / Carrera 4	184	64.02 / 64.01		12/88-09/93	K22PBR-S	062110130304	0,8		
3.6 (964) Carrera RS	191	64.03		08/91-09/93	K22PBR-S	062110130304	0,8		
3.6 (993) Carrera	200	M 64.05 / 06		08/93-08/97	K22PBR-S	062110130304	0,8		
3.6 (993) Carrera 4	210	M 64.21 / M 64.22		08/95-08/97	K22PBR-S	062110130304	0,8		
3.6 (993) Carrera Targ	210	M 64.21 / M 64.22		08/95-08/97	K22PBR-S	062110130304	0,8		
3.6 (993) Turbo	265	64.50		02/93-08/97	K22PBR-S	062110130304	0,8		
3.6 (993) Turbo	300	M 64.60		03/95-08/97	K20TNR-S9	062110110304	0,8	IK20	062120040304
3.6 (993) Turbo GT2	316	M 64.60 R		03/95-08/97	K20TNR-S9	062110110304	0,8	IK20	062120040304
3.6 (996) Carrera / 4 / 4S	235-254			09/01→	K20PBR-S10	062110060304	0,8	IK20	062120040304
3.6 (996) i 24V GT3	265	M96.76	Liquid cooled	03/99 →	K20TNR-S9	062110110304	0,8	IK20	062120040304
3.6 (997) Carrera / 4	239	M 96.05		07/04→	K22PBR-S	062110130304	0,8		
3.8 (993) Carrera 4	210	M 64.05S / M 64.06S		08/95-08/97	K22PBR-S	062110130304	0,8		
3.8 (993) Carrera 4	221	64.20		08/95-08/97	K22PBR-S	062110130304	0,8		
3.8 (993) Carrera RS	221	64.20		08/95-08/97	K22PBR-S	062110130304	0,8		
3.8 (993) Carrera Targ	221	64.20		08/95-08/97	K22PBR-S	062110130304	0,8		



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3.8 (997) Carrera / 4	261	M 97.01		07/04→	K22PBR-S	062110130304	0,8	
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912

1.6 Coupe / Targ	66	Fbt 4	City driving	'65-'70	W20FP-U	062110420304	0,8	
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914

ALL			4 Cyl	'69-'76	IW20	062120070304	0,7	IW20 062120070304
2.0	81	901.36 / 37	6 Cyl	'69-'76	W22EP-U	062110450304	0,7	

924

2.0	85		(USA, J)	'79-'80			0,7	IW20 062120070304
2.0	92	XK - XJ		01/76-08/85	W22EP-U	062110450304	0,7	
2.5 S	110-118	M44.07/08-M44.09/10		09/85-07/88	W20EPR-U	062110390304	0,7	IW20 062120070304

928

4.5	177	M..		05/77-07/82	W16EP-U	062110360304	0,7	
4.7 S	221-228	M28.11/12-M28.21/22		09/79-07/86	W20EPR-U	062110390304	0,7	IW20 062120070304
5.0 GT	243	M28.47		01/89-07/91	W20EPR-U	062110390304	0,7	IW20 062120070304
5.0 CS / S4	235	M28.41/42		08/86-07/91	W20EPR-U	062110390304	0,7	IW20 062120070304
5.0 CS	235	M28.41		08/87-07/89	W20EPR-U	062110390304	0,7	IW20 062120070304
5.0 S	200-212	M28.43/44-M28.45/46		12/84-07/86	W20EPR-U	062110390304	0,7	IW20 062120070304
5.4 GTS	250-257	M28.49/50		08/91→	W20EPBR-S	062110380304	0,9	IW20 062120070304

944

2.5	120	M44.01/03		07/81-12/84	W20EPR-U	062110390304	0,7	IW20 062120070304
2.5	118-120	M44.05/06-M44.09/10		01/85-07/88	W20EPR-U	062110390304	0,7	IW20 062120070304
2.5 S	135-140	M44.40		08/86-07/88	W20EPR-U	062110390304	0,7	IW20 062120070304
2.5 Turbo	162-184	M44.50/51/52		08/85-07/91	W20EPR-U	062110390304	0,7	IW20 062120070304
2.7	121	M44.11/12		11/88-08/89	W20EPR-U	062110390304	0,7	IW20 062120070304
3.0 S2	155	M44.41		12/88-07/91	W22EPR-U	062110430304	0,7	

968

3.0 .. / CS	176	M44.43/44		08/91-11/95	W20EPBR-S	062110380304	0,8	IW20 062120070304
3.0 .. / CS Turbo S	224	M..		08/91-11/95	K20PR-U	062110070304	0,8	IK20 062120040304

BOXTER

2.5 (986) i 24V	150	M 96.20 (Liquid cooled)		'96 →	K20TXR	062110120304	0,8	IK20 062120040304
2.7 (986) i 24V	162-168	M96.22 (Liquid cooled)		08/99 →	K20PBR-S10	062110060304	0,8	IK20 062120040304
2.7 i 24V	176			11/04→	K20PBR-S10	062110060304	0,8	IK20 062120040304
3.2 (986) i 24V	185-196	M96.21 (Liquid cooled)		08/99 →	K20PBR-S10	062110060304	0,8	IK20 062120040304
3.2 S	206			11/04→	K20PBR-S10	062110060304	0,8	IK20 062120040304

CAYENNE (955)

4.5 S	250	M 48.00		09/02-	K20PBR-S10	062110060304	0,8	IK16 062120030304
4.5 Turbo	331	M 48.50		09/02-	PK20PR-P8	062110190304	0,8	

CAYMAN

2.7	180			07/06→	K22PBR-S	062110130304	0,8	
3.4	217			11/05→	K22PBR-S	062110130304	0,8	

PORTARO

PAMPAS

2.1 260 Turbo (4x4)	114	Volvo B 21 ET		'81 →	W20EP-U	062110410304	0,7	IW20 062120070304
2.3 260 (4x4)	82	Volvo B 23 A		'80 →	W20EP-U	062110410304	0,7	IW20 062120070304





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PROTON
ARENA / JUMBUK

1.5 i 12V (Pickup)	64	4 G 15 (OHC 12V)		'03→	W16EPR-U	062110350304	0,9		
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GEN-2

1.6 i 16V	82	S4PH4(DOHC 16V)		06/'04→	T20EPR-U	062110320304	1,1		
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IMPIAN / WAJA

1.6 i 16V	76	SOHC 16V		'01→	K20PR-U11	062110080304	1,1	IK20	062120040304
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PERSONA

313 - 1.3 i 12V	55	4 G 13	(GB)	'96→	W16EPR-U11	062110610304	1,1		
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316 - 1.5 i 12V	66	4 G 15	Cat	'93→	W20EPR-U11	062110400304	1,0	IW20	062120070304
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316 - 1.6 i 16V	83	4 G 92	Cat	'93→	K20PR-U11	062110080304	1,1	IK20	062120040304
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PROTON

1.3 GL / GLS	50	4 G 13	(GB)	01/'89-'92	W20EPR-U	062110390304	0,8	IW20	062120070304
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1.5 GL / GLS / SE	55	4 G 15	(GB)	01/'89-'92	W20EPR-U	062110390304	0,8	IW20	062120070304
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SALOON Aeroback

1.3	55	G 13 B		'89→	W20EPR-U	062110390304	0,8	IW20	062120070304
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1.5	66	G 15 B		'89→	W20EPR-U	062110390304	0,8	IW20	062120070304
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SATRIA

1.3 i 12V	55	4 G 13 (OHC 12V)		'96-'04	W16EPR-U	062110350304	0,9		
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1.5 i 12V	64	4 G 15 (OHC 12V)		'96-'04	W16EPR-U	062110350304	0,9		
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1.8 i 16V (Gti)	99	DOHC 16V		'96-'04	K20PR-U11	062110080304	1,1	IK20	062120040304
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TIARA

1.1 i	44	HDZ (TU 1.M /+) (MA3.1)		'96-'04	K20PR-U	062110070304	0,9	IK20	062120040304
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WIRA

1.3 i 12V	55	4 G 13 (OHC 12V)		'96-'04	W16EPR-U	062110350304	0,9		
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1.5 i 12V	64	4 G 15 (OHC 12V)		'96-'04	W16EPR-U	062110350304	0,9		
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1.6 i 16V	70	SOHC 16V		'96-'04	K20PR-U11	062110080304	1,1	IK20	062120040304
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RELIANT
KITTEN

0.9 DL	30			10/'75-'12/'83	W16EP-U	062110360304	0,8		
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REBEL / RAGAL / RIALTO

0.9	30			'74-'84	W16EP-U	062110360304	0,8		
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ROBIN

0.9	30			'85→	W16EP-U	062110360304	0,8		
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RENAULT
ALPINE

2.5 V-6 GT / GTA Turbo	136-147	Z7U-702/730 Cat/734 Cat	W/W Cat	03/'85-'12/'92	T22EP-U	062110340304	0,7		
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2.7 V-6 A 310	108-110	PRV 112 - 730 / 731		09/'76-'06/'85	T20EP-U	062110330304	0,7		
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2.9 V-6 GT / GTA	116	Z6W- 700 / 702		03/'85-'12/'92	T22EP-U	062110340304	0,7		
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AVANTIME

2.0 i 16V Turbo	100	F4R 760 / 761 / 769		'00→			0,8	IK20	062120040304
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3.0 i V-6 24V	140	L7X 720 / 721 / 722		'00→			1,0	IKH16	062120050304
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CLIO

1.0 (2)	31	C1C- 702		06/'90-'99	W20EPR-U	062110390304	0,8	IW20	062120070304
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1.0 (2) i	43	D7D - 760		03/'99→	K20TXR	062110120304	0,9	IK20	062120040304
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1.1 (1) i 16V	50	D4D - 700		06/'01→	XE20HR-U9	062110630304	0,9		
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RENAULT

CLIO

1.2 (1) RN / RL Soci�e	35-36	C1E- 700		06/90-99	W16EPR-U	062110350304	0,8	
1.2 (1) RL	40	C3G- 720		06/90-99	W16EPR-U	062110350304	0,8	
1.2 (1) RL / RN / RT / Soci�e	44	E5F- 710 / 716	(Set gp)	06/90-99			0,9	IK16 062120030304
1.2 (1) RL / RN / RT / Soci�e	44	E5F- 710 / 716		06/90-99	Q16PR-U	062110230304	0,9	IK16 062120030304
1.2 (1) i RL / RN / RT / Soci�e	40	E7F- 706 / 750	Cat	06/90-99	Q16PR-U	062110230304	0,9	IK16 062120030304
1.2 (1) i RL / RN / RT / Soci�e	43-44	E7F- 700 / 704 / 708	Cat	06/90-99	Q16PR-U	062110230304	0,9	IK16 062120030304
1.2 (2) i RC / RL / RN / RT	44	D7F- 730	Cat	'96-99	Q16PR-U	062110230304	0,9	IK20 062120040304
1.2 (2) i	44	D7F- 710 / 720 / 722 / 726 / 746		03/98→	K20TXR	062110120304	0,9	IK20 062120040304
1.2 (2) i	44	D7F- Econ (Euro-3)		05/00→	PK20PR-P8	062110190304	0,9	IK20 062120040304
1.2 (3) i 16V	55	D4F - 712 / 714		06/00→	XE20HR-U9	062110630304	0,9	
1.2 (3) i 16V	55	D4F 740		06/05→	XE20HR-U9	062110630304	0,9	
1.4 (1) i 16V	57	D4F 764		06/05→	XE20HR-U9	062110630304	0,9	
1.4 (1) RN / RT / S / Baccara	59	E6J- 712 / 713 / 718 / 760		06/90-99	Q16PR-U	062110230304	0,9	IK20 062120040304
1.4 (1) i RN / RT / S / Baccara	55-59	E7J- 601 / 710 / 711 / 716	Cat	06/90-99	Q16PR-U	062110230304	0,9	IK20 062120040304
1.4 (1) i RN / RT / RTi / S / Baccara	55	E7J- 718 / 719 / 754	Cat	06/90-99	Q16PR-U	062110230304	0,9	IK20 062120040304
1.4 (2) RTi	55-57	E6J- 712 / 713 / 718 / 760		06/90-99	Q16PR-U	062110230304	0,8	IK20 062120040304
1.4 (2) i	55	E7J- 634 / 635 / 780 / 734 / 735		03/99→	K20PR-U	062110070304	0,9	IK20 062120040304
1.4 (3) i 16V	70-72	K4J - 710 / 711 / 712 / 713		10/99→	K20PR-U	062110070304	0,9	IK20 062120040304
1.6 (2) i 16V	72	K4J 780		06/05→	Q20PR-U	062110250304	0,9	IK20 062120040304
1.6 (2) i	66	K7M - 744 / 745		03/98→	K20TXR	062110120304	0,9	IK20 062120040304
1.6 (3) i 16V	79-81	K4M - 744 / 745 / 748 / 720		06/98→	K20PR-U	062110070304	0,9	IK20 062120040304
1.6 (3) i 16V	65	K4M 804		06/05→	Q20PR-U	062110250304	0,9	IK20 062120040304
1.7 (1) i 16V	82	K4M 800/801		06/05→	Q20PR-U	062110250304	0,9	IK20 062120040304
1.8 (1) RT / S / Baccara	66-68	F2N- 770	Carb	06/90-99	W22EPR-U	062110430304	0,8	
1.8 (1) RT / S / Baccara	65-70	F3P- 710 / 714 / 755	Cat	06/90-99	W20EPR-U	062110390304	0,8	IW20 062120070304
1.8 (1) i / RSi	79-81	F3P- 712 / 758 (MPi)	Cat	07/92-99	W20EPR-U	062110390304	0,9	IW20 062120070304
2.0 (1) i 16S / 16V	99-103	F7P- 720 / F7P- 722	Cat W/W Cat	03/91-99	K20PBR	062110050304	0,9	IK20 062120040304
2.0 (2) i 16S / 16V Wilam	108	F7R- 700	Cat	'93-99	K20PBR	062110050304	0,9	IK20 062120040304
2.0 (2) i 16V RS (172 HP)	126	F4R - 730		10/99→	PK20PR11	062110180304	1,0	
3.0 (2) i 16V Sport	132			01/04→	PK20PR11	062110180304	1,0	

ENCORE

1.4 1400cc				'84-'86	W16EPR-U	062110350304	0,6	
1.7 1700cc				'86→	W20EPR-U	062110390304	0,8	IW20 062120070304

ESPACE

2.0 (1) 2000 / GTS / TSE / Soci�e	74-81	J6R -234 / 236 / 734	+ (A, CH)	07/84-12/90	T20EP-U	062110330304	0,8	
2.0 (1) 2000 / TXE / 4x4	86-88	J7R - 760		06/87-12/90	T22EP-U	062110340304	0,8	
2.0 (2) Inj�ction	76-81	J7R - 768	Cat	01/91-'00	T20EP-U	062110330304	0,9	
2.0 (3) i	84	F3R - 728 / 729 / 768 / 769		09/96-'00	W16EPR-U	062110350304	0,9	
2.0 (3) i 16V	103	F4R - 700		10/98-'03	K20TXR	062110120304	0,9	IK20 062120040304
2.0 (4) i	100	F4R - 700 / 701		05/02→	K20PR-U	062110070304	0,9	IK20 062120040304
2.0 (4) i t 16V Turbo	120	F4R - V794 / V795 (Turbo)		05/02→			0,8	IK20 062120040304
2.2 (1) GTS / TSE / GTX / 2000	79-81	J7T - 770	Cat	07/86-12/90	T22EP-U	062110340304	0,8	
2.2 (1) TXE / Quadra	79-81	J7T - 770	Cat	01/88-12/92	T22EP-U	062110340304	0,8	
2.2 (2) i RN / RT / RXE / Cyc�de / 4x4 / ..	79-81	J7T - 772 / 773	Cat	01/91-'00	T22EP-U	062110340304	0,8	
2.2 (2) RT / RXE / ..	79-81	J7T - 776		05/93-'00	T20EP-U	062110330304	0,9	
2.8 (2) V-6 RT / RTi / RXE / 4x4	110-113	Z7W - 712 / 713 / 716	Cat	01/91-'00	T22EP-U	062110340304	0,8	

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2.9 (3) i V-6	113	Z7W - 717	(Taper seat)	04/94-99	T20EPR-U	062110320304	0,8			
3.0 (3) i V-6	123	Z7X - 775		09/96-03	K20TXR	062110120304	0,9	IK20	062120040304	
3.0 (3) i V-6 24V	140	L7X - 720		10/98-03	PK20PR11	062110180304	1,0			
3.5 (4) i V-6 24V	177	V4Y 711 (Nissan VQ35DE) (V-6)	(50.k k/m)	05/02 →	IKH16	062120050304	1,1	IKH16	062120050304	
EXPRESS/EXTRA/RAPID										
1.0 Break / Tob	27-30	C1C 706		03/86-08/91	W16EPR-U	062110350304	0,8			
1.1 - / Break	34-36	C1E 762 / 764 / 792		03/86-08/91	W16EPR-U	062110350304	0,8			
1.1 Break / Tob / GTC	34	C1E - 750 / 754		03/86-08/91	W16EPR-U	062110350304	0,8			
1.1 Break / Tob / GTC	34	C1E 752	(CH, D)	03/86-06/89	W16EPR-U	062110350304	0,8			
1.1 Break / Tob / GTC	33	C1E 756	(D, NL)	06/87-08/91	W16EPR-U	062110350304	0,8			
1.1 Break / Tob	34	C1E 760		08/90-08/91	W16EPR-U	062110350304	0,8			
1.2 Break / Tob	40	C1G 726 / 730		09/91 →	W16EPR-U	062110350304	0,8			
1.2 i	40	C3G 700 / 710	Cat	09/91 →	W16EPR-U	062110350304	0,8			
1.4 Break / Tob / GTL	44	C1J - 715 / 768 / 780		03/86 →	W16EPR-U	062110350304	0,8			
1.4 Break / Tob / GTL	44	C2J 782 / 784	(D, B, NL)	06/87 →	W16EPR-U	062110350304	0,8			
1.4 Break / Tob / GTL	44	C3J 700 /702 /760 /762	Cat	03/86 →	W16EPR-U	062110350304	0,8			
1.4 Break / Tob	43-59	E6J - 712 / 734 / 738		03/86 →	Q20PR-U	062110250304	0,9	IK20	062120040304	
1.4 Break	43-59	E7J- 710/720/724/728/773	Cat	03/86 →	Q16PR-U	062110230304	0,9	IK20	062120040304	
F4 / F6										
0.8 (R2109 / R2392)	22	839 (782cc)		01/71-12/88	W20FP-U	062110420304	0,6			
0.9 (R2106 / R2391)	25	800 (845cc)		01/71-12/88	W20FP-U	062110420304	0,6			
1.1 (R2370)	25	688 (1108cc / Zenith 28 IF carb.)		10/76-06/86	W20FP-U	062110420304	0,6			
FUEGO										
1.4 TL / GTL	47	847 - 720		03/80-10/85	W20EP-U	062110410304	0,6	IW20	062120070304	
1.6 TS / GTS / GTL	53-71	A2M-723 / A6M- 725/726/ .		03/80-10/85	W20EP-U	062110410304	0,6	IW20	062120070304	
2.0 GTX / TX	81-80	829 710 / J6R - ..		10/80-10/85	T20EPR-U	062110320304	0,6			
KANGOO										
1.2 i	44	D7F- 700/701/710/720		09/97 →	K16TNR-S9	062110500304	0,9	IK16	062120030304	
1.2 i Euro 2000	44	D7F - 726		10/97 →	K20PR-U	062110070304	0,9	IK20	062120040304	
1.2 i 16V	55	D4F - 712 / 714 / 716		07/00 →	XE20HR-U9	062110630304	0,9			
1.4 i	55	EZJ - 634/635/780 K7J - 700/701		09/97 →	K20TXR	062110120304	1,0	IK20	062120040304	
1.6 i	66	K7M 746		09/99	K20PR-U	062110070304	1,0	IK20	062120040304	
1.6 i 16V	70	K4M - 752/750/753		10/01 →	K20PR-U	062110070304	0,9	IK20	062120040304	
LAGUNA										
1.6 (56) i 16V	79	K4M - 720 / 724		11/97-03/01	K20PR-U	062110070304	0,9	IK20	062120040304	
1.6 (74) i 16V	79	K4M D 710 / E711		11/00 →	K20PR-U	062110070304	0,9	IK20	062120040304	
1.8 (56) i	66-70	F3P- 678/720/724		01/94 →	W20EPR-U	062110390304	0,9	IW20	062120070304	
1.8 (56) i 16V	88	F4P - 760 / 761		04/98 →	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 (74) i 16V	89	F4P - C770 / K771 / 773		11/00 →	K20PR-U	062110070304	0,9	IK20	062120040304	
2.0 (56) i	85	F3R- 720/722/723/728/729		01/94 →	W20EPR-U	062110390304	0,9	IW20	062120070304	
2.0 (56) i	83	F3R- 750/768/769		03/99 →	W20EPR-U	062110390304	0,9	IW20	062120070304	
2.0 (56) i 16V	103	N7Q- 700 / 704 / 705		08/94 →	K20PBR	062110050304	1,0	IK20	062120040304	
2.0 (56) i 16V	103	F4R - 780		09/99 →	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 (56) i 16V IDE	103	F5R - 782	Direct injection	03/98-11/00	K16HPR-U11	062110010304	0,9	IKH16	062120050304	
2.0 (74) i 16V	103	F4R - 780		09/99 →	K20PR-U	062110070304	0,9	IK20	062120040304	
2.0 (74) i 16V IDE	103	F5R - 700 / 701	Direct injection	11/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304	



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2.0 (74) i 16V Turbo	103	F4R 764 / 765		11/00→	PK20PR-P8	062110190304	0,8		
3.0 (56) i V-6	125	Z7W - 760/765 / Z7X(G) - 760/765		01/94→	K20PBR	062110050304	1,0	IK20	062120040304
3.0 (56) i V-6 24V	140	L7X(W)- 700 / 701	60.000 km	03/97 →	K20TXR	062110120304	1,0	IK20	062120040304
3.0 (56) i V-6 24V	140	L7X(W)- 700 / 701	120.000 km	03/97 →	PK20PR11	062110180304	1,0		
3.0 (74) i V-6 24V	152	L7X - 731 (Longhread)	(26.5rthread)	03/01→	IKH16	062120050304	1,1	IKH16	062120050304

MASTER

2.0 T 28-35	57-59	J5R- 718 / 829 731		10/80→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 P 28-35	58-59	J5R- 718 / 719		10/82→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 P 28-35	58-59	J5R- 718 / 829 730 / 731		10/82→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.2 T 28-35	58-67	J7T- 782	Cat	09/80→	T20EPR-U	062110320304	0,8		
2.2		J7T- 788	Cat	'95→	T20EPR-U	062110320304	0,8		

MEGANE

1.4 (1) i Eco	51	E7J .(T) 624		11/95-03	Q16PR-U	062110230304	0,9	IK20	062120040304
1.4 (1) i	55	E7J 764		11/95-03/99	Q16PR-U	062110230304	0,9	IK20	062120040304
1.4 (1) i 16V	70-72	K4J - 714 / 750		09/99-03	K20PR-U	062110070304	0,9	IK20	062120040304
1.4 (2) i 16V	72	K4J - 730		11/02→	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 (1) i	55	K7M .. (720)		11/95-09/99	Q16PR-U	062110230304	0,9	IK20	062120040304
1.6 (1) i .. / Auto	66	K7M - 702 / 703		11/95-09/99	Q16PR-U	062110230304	0,9	IK20	062120040304
1.6 (1) i 16V	79-85	K4M - 700 / 701 / 704 / 708 / 709		09/99-03	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 (2) i 16V	83	K4M - 760		11/02→	K20PR-U	062110070304	0,9	IK20	062120040304
1.8 (1) i 16V	85	F4P - 720 / 722		01/01-03	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 (1) i	83-85	F3R - 750 / 751		11/95-03	W20EP-U	062110410304	0,9	IW20	062120070304
2.0 (1) i 16V	110	F7R - 710 / 714		11/95-03	K20PBR	062110050304	0,9	IK20	062120040304
2.0 (1) i 16V IDE	103	F5R - 740	Direct injection	11/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
2.0 (2) i 16V	99	F4R - 770		11/02→	K20PR-U	062110070304	0,9	IK20	062120040304

MEGANE SCENIC

1.4 i	55	E7J 764		'96-09/99	Q16PR-U	062110230304	0,9	IK20	062120040304
1.4 i 16V	70-72	K4J - 714 / 750		09/99-03	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i	66	K7M- 702 / 703		'96-09/99	Q16PR-U	062110230304	0,9	IK20	062120040304
1.6 i	66	K7M- 702 (Gas)	(GPL / LPG)	'96-'02	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	79-81	K4M - 700 / 701 / 708 / 709		09/99-03	K20PR-U	062110070304	0,9	IK20	062120040304
1.8 i 16V	85	F4P - 720 / 722		01/01-03	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 i	84	F3R- 750 / 751		'96-09/99	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 i 16V	103	F4R - 740 / 741 / 744		09/99-03	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 i 16V IDE	103	F5R - 740	Direct injection	11/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304

MODUS

1.2 i 16V	55	D4F - 712		12/04→	XE20HR-U9	062110630304	0,9		
1.2 i 16V	48	D4F		05/05→	XE20HR-U9	062110630304	0,9		
1.4 i 16V	72	K4M		12/04→	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i 16V	82	K4J		12/04→	K20PR-U	062110070304	0,9	IK20	062120040304

R 4

0.8	20-25	839 - 06 (782cc) / ..		10/76-'89	W20FP-U	062110420304	0,8		
0.9 L/TL/Saári	20-25	800 - 01 / 800 - 05		10/76-10/82	W20FP-U	062110420304	0,8		
1.1 (R2430)		688 - 711			W20FP-U	062110420304	0,6		

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R 5									
0.8 TS	25	839 701 (B 1 A)		01/72-'85	W20FP-U	062110420304	0,6		
0.9 Base	26-27	800 710 (B 1 B)		10/72-09/84	W20FP-U	062110420304	0,6		
1.0 TL	32	689 (A)710 (C 1 C)		10/79-03/85	W20FP-U	062110420304	0,6		
1.1 GTL	33		(E)		W20FP-U	062110420304	0,6		
1.3 TS (R1224, 1394)	47	810-25		04/74-09/84	W20FP-U	062110420304	0,6		
1.3 GTL / Automatic	33-40	810-729 / 810-19	19.0rthread	'79-09/84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TS / TX	46	847 - 725 / 712 , C2J- 713		'82-'85	W20EP-U	062110410304	0,8	IW20	062120070304
1.4 GTL Auto	49	C1E / C2J- 788		'85-'86	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TR / GTR / TSE	49	C1E / C2J- 788		'85-'86	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 GTL	55	C3J- 700	Cat	'85-'86	W16EPR-U	062110350304	0,8		
1.4 Le Car	43-46	847-725 / 729	(USA, CDN)	'79-'84	W16EPR-U	062110350304	0,6		
1.4 Alpine / A5 / Gordini (R1223)	68	840 - 725		→'86	T20EPR-U	062110320304	0,8		
1.4 Copa	68		(E)		T22EP-U	062110340304	0,8		
1.7 GTX / GTE	64-69	F2N- 700 / -702	W/W Cat	'85-'86	W22EPR-U	062110430304	0,8		
1.7 GTX	69	F3N- 716	Cat	'85-'86	W20EPR-U	062110390304	0,8	IW20	062120070304
R 9 / R 11									
1.1 C/ GL/ GTC/TC/TCE	36	C1E- 715 / 720 (688)		'82-03/91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.2 TL / TLE / GTL / TC / GTC / ..	41	C1G- 700 / 710	+ (E)	'82-03/91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 GTL	44	C1J- 715 / 792 / 796		'82-08/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TL / GTL / TSE	53	C3J- 756	Cat	06/87-03/91	W16EPR-U	062110350304	0,8		
1.4 TL / TLE / TSE / GTS / GTL /	44-53	C2J-717/ 718/ 720/ 730/ 766/ 767		09/81-08/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TL / TLE / TSE / GTS / GTL /	44-53	C2J-768/ 792/ 794/ 796/ 797		09/81-08/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4	52	C2J- 756 / 757	(CH)	09/81-10/84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 i GTE / TXE	70	F3N- 708 / 722 (2 Way Cat)	Cat	10/86-03/91	W22EP-U	062110450304	0,8		
1.7 i TX / TXE / GTX	55	F3N- 718 (2 Way Cat)	Cat	06/86-08/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 TX	55	F2N- 712 / 730		10/86-03/91	W22EP-U	062110450304	0,8		
1.7 TX / TXE / GTX	59-66	F2N- (A) 700 / 704		'84-08/89	W22EP-U	062110450304	0,8		
1.7 TX / TXE / GTX	59-66	F2N-708/710/732/742/796/797/798		09/84-03/91	W22EP-U	062110450304	0,8		
1.7 TXE / ..	64	F2N- 732 / 742 (2 Way Cat)	Cat	06/87-03/91	W22EP-U	062110450304	0,8		
R 12									
1.3	36-44	810 - 02/05	Carb	71-90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4	46	C1J - 791	Carb	71-90	W20EPR-U	062110390304	0,8	IW20	062120070304
R 19									
1.2	40	C1G- 730		09/88-'96	W16EP-U	062110360304	0,9		
1.2 i	46	E7F- 730	Cat	'93-'96	Q16P-U11	062110240304	0,9	IK16	062120030304
1.4	43-44	C1J- 742 / C2J- 772 / 776 / 782		09/88-'96	W16EP-U	062110360304	0,8		
1.4	59	E6J- 700 / 701 / 706 / 721	W/W Cat	09/88-'96	Q20P-U	062110270304	0,9	IK20	062120040304
1.4 i	43	C3J- 710 / 760	Cat	09/88-'96	W16EPR-U	062110350304	0,8		
1.4 i	55-59	E7J-700 / 702 / 706 / 707 / 745	Cat	'91-'96	Q20P-U	062110270304	0,9	IK16	062120030304
1.4 i	55-59	E7J-700 / 742 / 745	Cat	'91-'96	Q20P-U	062110270304	0,9	IK16	062120030304
1.7	65-68	F2N- 720 / 721 / 722	W/W Cat	10/88-'96	W22EP-U	062110450304	0,8		
1.7	55-70	F2N- 724	W/W Cat	09/88-'96	W22EP-U	062110450304	0,8		
1.7	55	F2N- 712 / 728	W/W Cat	10/88-'96	W22EP-U	062110450304	0,8		
1.7	68	F2N- 726 / 727 / 742		09/88-'96	W22EP-U	062110450304	0,8		
1.7 i	54	F3N- 740 / 741 (SPi)	Cat	09/88-'96	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 i	66	F3N- 742 / 743 (MPi)	Cat	06/91-'96	W22EPR-U	062110430304	0,8		



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R 19

1.7 i	79	F3N- 746 (MPi)		'91-'96	W22EPR-U	062110430304	0,8		
1.8 i	66-79	F3P- 682 / 707 / 765 / ..	Cat	'91-'96	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 i	70	F3P-700/ 704/ 705/ 706/ 708/ 760	Cat	'92-'96	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 16S / 16V	99-101	F7P- 700 / 704 (MPi)	W/W Cat	'89-'96	K20PBR	062110050304	0,7		

R 21

1.4 TL / GTL / RS	44-51	C2J -.. / C2L-..		06/'88-'95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 TL / GTL / TS / TSE / GTS / Nevada	66	F2N- C710	(E,D,A,CH)	'86-'95	W22EP-U	062110450304	0,8		
1.7 TS / TSE / GTS / RS / ..	64-68	F2N-710 / 711 / 742 / 752 / 754		'86-'95	W22EP-U	062110450304	0,8		
1.7 TL / GTL / Nevada / ..	51-56	F2N-712 / 716 / 720 / 758		'86-'89	W22EP-U	062110450304	0,8		
1.7 TL / GTL / TS / GTS / RS	51-68	F2N- 750 / 752 2 Way Cat	(D, NL)	'86-'95	W22EP-U	062110450304	0,8		
1.7 i TS / GTS / TL / GTL	54	F3N- 718 / 726 / 740	Cat	'86-'94	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 i RN / RT / TL / TS / TSE / GTS	70	F3N- 722 / 723	Cat	'87-'95	W22EP-U	062110450304	0,8		
2.0 RX / TX / TXE / GTS / GTX	66	F2R- 702		03/'86-'95	W22EP-U	062110450304	0,8		
2.0 RX / TXE / GTX / GTS	75	J6R- 758 / 759 / 792 / 793		03/'86-'95	T22EP-U	062110340304	0,8		
2.0 i RX / TX / TXE / GTX / Ti / 4x4 /..	85-89	J7R- 750 / 751		10/'86-'95	T22EP-U	062110340304	0,8		
2.0 i TXE / GTX	75	J7R- 746 / 747	Cat	05/'90-'95	T20EP-U	062110330304	0,8		
2.0 i 12V 4x4 / TXi / RTi	99-103	J7R- 740 / 754	W/W Cat	05/'90-'95	K20PBR	062110050304	0,7	IK20	062120040304
2.0 i Turbo + 4x4 (L485)	119-129	J7R- 752		04/'87-'05/'92	T22EP-U	062110340304	0,6		
2.0 i Turbo + 4x4 (L48L)	119	J7R- 756	Cat	06/'92-'95	T22EP-U	062110340304	0,8		
2.2 TXE / GTX	85	J6T- 790 / 791		03/'86-'95	T20EP-U	062110330304	0,6		
2.2 i RT / RX / TX / GTX /4x4 /Nev.	81	J7T- 754	Cat	07/'86-'95	T22EP-U	062110340304	0,8		
2.2 i RT / RX / TX / GTX /4x4 /Nev.	85	J7T- 755	Cat	07/'86-'08/'89	T22EP-U	062110340304	0,8		
2.2 i Nevada / ..	79-81	J7T- 756	Cat	'93-'95	T20EP-U	062110330304	0,9		

R 25

2.0 TS / GTS	76	J6R- 706 / 707 / 760 / 762 / 763		01/'84-'12/'92	T20EP-U	062110330304	0,8		
2.0 TX / TXE / GTX	85-89	J7R- 722 / 723 / 750		'86-'92	T22EP-U	062110340304	0,8		
2.0 i 12V Ti / TXi	100-103	J7R- (A) 720 / 721 / 726	W/W Cat	10/'88-'12/'92	K20PBR	062110050304	0,7		
2.2 (./i) TX / GTX	81-91	J7T-706 / 707 / 714 / 715 / 730 / 731	W/W Cat	'83-'92	T22EP-U	062110340304	0,8		
2.2 i TX / TXE / GTX	79	J7T- 732 / 733	Cat	'87-'92	T22EP-U	062110340304	0,8		
2.2 i TX / GTX	79	J7T- 708	Cat	'87-'92	T20EPR-U	062110320304	0,8		
2.5 (./i) Turbo V-6	134	Z7U- 702 / 704		'86-'92	T22EP-U	062110340304	0,8		
2.5 i T urbo V-6	151-154	Z7U- 700	Cat	'89-'92	T22EP-U	062110340304	0,8		
2.7 V-6	106	Z7V- 708 / 709 / 711		'84-'92	T20EPR-U	062110320304	0,8		
2.9 i V-6	110	Z7W- 702	Cat	10/'86-'91	T22EP-U	062110340304	0,8		
2.9 i V-6	115	Z7W- 700 / 701 / 709		05/'88-'92	T22EP-U	062110340304	0,8		
2.9 i V-6	110	Z7W- 706 / 707	Cat	'86-'92	T22EP-U	062110340304	0,8		

R 30

2.7 TS	87		(D)	→'82	T20EP-U	062110330304	0,6		
2.7 TS	87-94	144- 700 / 701 / 702 / 703	+ (S)	'75-'83	T20EPR-U	062110320304	0,7		
2.7 TX	105	140- 704 / 705 / 706 / 707	+ (S)	'80-'83	T20EPR-U	062110320304	0,6		

RODEO

1.1 5	25	688- 712		'81-'87	W20FP-U	062110420304	0,6		
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SAFRANE

2.0 i RN / RT / Si / Vi	77	J7R- 732 / 733 (MPi)		05/'92-'97	T20EPR-U	062110320304	0,9		
2.0 i 12V RN / RT / RXE / Si / Vi	97	J7R- 734 / 735 (MPi)		05/'92-'97	K20PBR	062110050304	0,8	IK20	062120040304
2.0 i 16V	100	N7Q- 710 / 711		07/'96-'00	K20TXR	062110120304	0,9	IK20	062120040304

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



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SAFRANE									
2.2 i RN	79-81	J7T- 762 / 763		05/92-97	T20EPR-U	062110320304	0,9		
2.2 i 12V RN / RT / RXE / Si / Vi	103	J7T- 760 / 761 (MPi)		05/92-97	K20PBR	062110050304	0,8	IK20	062120040304
2.5 i 20V RXE / RXT	123	N7U - 700 / 701		07/96-03	K20PR-U	062110070304	0,8	IK20	062120040304
3.0 i V-6 RT / RXE / Quadra / Baccara	125	Z7X- 721 / 722 / 723 (MPi)		05/92-97	K20PBR	062110050304	0,8	IK20	062120040304
3.0 i V-6 RT / RXE / Quadra / Baccara	123	Z7X- 753 (MPi)		'95-97	K20PBR	062110050304	0,8	IK20	062120040304
3.0 i V-6 Biturbo / Baccara ...	198	Z7X- 726		'94-97	K22PBR-S	062110130304	0,9		
3.0 i V-6	123	Z7X - 775		07/96-03	K20TXR	062110120304	0,9	IK20	062120040304
3.0 i V-6 24V	140	L7X (E)- 731		11/00-03	PK20PR11	062110180304	1,0		
SCENIC									
1.4 i 16V	70-72	K4J - 714 / 750		09/99→	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i 16V	79-81	K4M - 700 / 701 / 708 / 709		09/99→	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 i 16V	81	K4M - 700 / 708 (Gas)	(GPL / LPG)	09/99→	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	85	F4P - 720 / 722		01/01→	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 i 16V	103	F4R - 740 / 741 / 744		09/99→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V IDE	103	F5R - 740	Direct injection	11/00 →	K16HPR-U11	062110010304	0,9	IKH16	062120050304
SG									
2.6 SG2 / SG4	52	817		06/80-09/86	W20FP-U	062110420304	0,6		
SPORT SPIDER									
2.0 i 16V		F7R- 710		12/95→	K20PBR	062110050304	0,9	IK20	062120040304
SUPER 5									
1.0 C / SC / TC / Capus / Five	31	C1C- 700 / -B706		10/84-89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 L / GL / TL / GTL	33-35	C1E- 750 / 752 / 754	W/W Cat	10/84-89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 C / SL / Capus / Five	33-35	C1E- 750 / 752 / 754	W/W Cat	10/84-89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.1 TL / SL / Capus / Five	33-35	C1E- 756 / -760		06/87-95	W16EPR-U	062110350304	0,8		
1.2 TL / TR / GTR	40-44	C1G- 702 / 720 / 722	+ (E)	10/86-95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 GTL / TR / Prim	43	C1J- 715 / 768 / 780		10/84-89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TS / TSE / GTS / GTX / Baccara	49-52	C2J- 700 /780 /788 /798		'85-95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TS / TX	46	C2J- 713		'92-03/95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TC / TR / GTR / GTX / GTS	44-49	C2J- 782 / 784 / 789	(D, B, NL)	'88-91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 Baccara /Auton/Extra /Express	44-49	C2J- 782 / 784 / 789	(D, B, NL)	'88-91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 TS / GTS / GTL / GTX	44-52	C2J- 717/718/766/767/781		10/84-95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 Baccara / Auto.	44-52	C2J- 717/718/766/767/781		10/84-95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 i L / TL / SL / TS / Capus	44	C3J- 700 / 702 / 760	Cat	10/84-97	W16EPR-U	062110350304	0,8		
1.7 GTX / Baccara	52	F2N		'85-95	W22EPR-U	062110430304	0,8		
1.7 GTX / Baccara	64-66	F2N- 710/740 / F2N 742 Cat	W/W Cat	06/87-95	W22EP-U	062110450304	0,8		
1.7 i TX / TXE / GTX / GTE	70	F3N- 702 / 722	Cat	06/86-95	W22EP-U	062110450304	0,8		
1.7 i TX / TXE / GTX	55	F3N- 716 / 717 / 718	Cat	10/86-95	W20EPR-U	062110390304	0,8	IW20	062120070304
THALIA									
1.4 i	55			08/00→	Q20PR-U	062110250304	0,9	IK20	062120040304
1.4 i 16V	72			08/00→	Q20PR-U	062110250304	0,9	IK20	062120040304
TRAFIC									
1.4 800K	36	C1J- 700		09/80→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4	36	847 700 / 701		09/80-02/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6	46	841 705		09/80-02/89	W16EP-U	062110360304	0,6		
1.6 ... / 4x4	48-49	A1M- 707 / 708		09/80-02/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.7 1000K / 1200K / 1300K	50-58	F1N- 720 / 722 / 724		10/84→	W22EP-U	062110450304	0,8		



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TRAFIC										
2.0 1000K/1200K/1300K/1600K/T/V	59	J5R- 716			09/80→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 1400K / P	59	J5R- 726			09/80→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0	58-59	J5R- 722			09/80-02/89	W20EPR-U	062110390304	0,8	IW20	062120070304
2.2 i T / V	69-71	J7T- 780	Cat		03/89→	T20EP-U	062110330304	0,8		
2.2 i T / V	74	J7T- 600	Cat		'95→	T20EP-U	062110330304	0,8		

TWINGO										
1.0 i 16V	44	D7D 740			01/00→	K20TXR	062110120304	0,9	IK20	062120040304
1.0 i 16V	50	D4D - 712			'01→	XE20HR-U9	062110630304	0,9		
1.2 i	40	C3G- 700 / 702 / 704			04/93-07/98	W16EP-U	062110360304	0,9		
1.2 i	44	D7F- 700 / 701 / 702 / 706			06/96→	K16TNR-S9	062110500304	0,9	IK16	062120030304
1.2 i 16V	55	D4F 702 / 704			01/01→	XE20HR-U9	062110630304	0,9		
1.2 i 16V	44	D4F 708			08/04→			0,9	IK16	062120030304

VEL SATIS (BJ0..)										
2.0 i 16V Turbo	120	F4R -762 / 763 (Turbo)			02/02→	PK20PR-P8	062110190304	0,8	IK20	062120040304
3.5 i V-6 24V	177	V4Y 701 (Nissan VQ35DE) (V-6)	(50.k km)		02/02 →	IKH16	062120050304	1,1	IKH16	062120050304

ROLLS-ROYCE

CORNICHE										
6.8		V-8			'71-85	W16EPR-U	062110350304	0,8		

PARK WARD										
6.8 i	221	V-8 L.P. Turbo	Cat		'95-98			0,9	IK16	062120030304

PHANTOM										
6.75 i V-12 48V	338				05/03→	K20TXR	062110120304	0,9	IK20	062120040304

PHANTOM SIX (VI)										
6.2		V-8			'68-78	W16EP-U	062110360304	0,8		
6.8	194	V-8			10/78→	W16EPR-U	062110350304	0,8		
6.8 i		V-8			01/88→	W16EPR-U	062110350304	0,8		

SILVER CLOUD / WRAITH										
6.2		V-8 (Copr. Ratio 81)						0,6	IW20	062120070304
6.8 (II / III)		V-8			07/78-11/80	W16EPR-U	062110350304	0,8		

SILVER SHADOW										
6.8		V-8			07/78-11/80	W16EPR-U	062110350304	0,8		

SILVER SPIRIT										
6.8		V-8			10/80-10/89	W16EPR-U	062110350304	0,8		
6.8 i	179	V-8	Cat		06/93→	IK16	062120030304	1,0	IK16	062120030304

SILVER SPUR										
6.8 i	179	V-8	Cat		06/93→	IK16	062120030304	1,0	IK16	062120030304
6.8 i		V-8	Cat		08/95→			0,9	IK16	062120030304
6.8 i	221	V-8 L.P. Turbo	Cat		10/97→			0,9	IK16	062120030304

ROVER

25 (RF)										
1.2 i 16V	55	11 K4F			01/04→	PK20PR-P8	062110190304	0,8		
1.4 i 16V	62-76	DOHC - K16			10/99→	PK20PR11	062110180304	1,0	IK20	062120040304
1.6 i 16V	80	DOHC - K16			10/99→	PK20PR11	062110180304	1,0	IK20	062120040304
1.8 i 16V	85-107	DOHC - K16			10/99→	PK20PR11	062110180304	1,0	IK20	062120040304

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45 (RT)									
1.4 i 16V	76	DOHC - K16		10/99→	PK20PR11	062110180304	1,0	IK20	062120040304
1.6 i 16V	80	DOHC - K16		10/99→	PK20PR11	062110180304	1,0	IK20	062120040304
1.8 i 16V	86	DOHC - K16		10/99→	PK20PR11	062110180304	1,0	IK20	062120040304
2.0 i V-6 24V	110	DOHC - K-V6		10/99→	PK20PR11	062110180304	1,0	IK20	062120040304
75 (RJ)									
1.8 i 16V	88	DOHC - K16		02/99→	PK20PR11	062110180304	1,0	IK20	062120040304
1.8 i 16V Turbo	110	DOHC - K16		05/03→	PK20PR11	062110180304	1,0	IK20	062120040304
2.0 i V-6 24V	110	DOHC - K-V6		02/99→	PK20PR11	062110180304	1,0	IK20	062120040304
2.5 i V-6 24V	129-130	DOHC - K-V6		02/99→	PK20PR11	062110180304	1,0	IK20	062120040304
3500									
3.5 V-8				'68-'71	W20FP-U	062110420304	0,7		
3.5 V-8				'72-'76	W20FP-U	062110420304	0,6		
2000 / SD-1									
2.0	71-75			10/82-12/86	T20EP-U	062110330304	0,6		
2300 / SD-1									
2.3	88-92			06/76-10/86	T16EPR-U	062110600304	0,6		
2600 / SD-1									
2.6	93-102	12C / 13C		06/76-10/86	T16EPR-U	062110600304	0,6		
3500 / SD-1									
3.5 V-8	115-116			06/76-10/86	W16EP-U	062110360304	0,8		
3.5 V-8	113		(CH)	10/82-10/86	W16EPR-U	062110350304	0,7		
3.5 V-8				10/82-12/86	W20EP-U	062110410304	0,9	IW20	062120070304
3.5 V-8 i Vitesse Injection	139			10/82-12/86	W20EP-U	062110410304	0,9	IW20	062120070304
100									
1.1 111 / 111i / 111 i Cabrio	44	K-series		05/90→	K20PR-U	062110070304	0,8	IK20	062120040304
1.4 114 / i 16V / GTi 16V	66-76	K-series		05/90→	K20PR-U	062110070304	0,8	IK20	062120040304
200									
1.1 211 i	44	K-series			K20PR-U	062110070304	0,8	IK20	062120040304
1.3 213	54	EV / EV2		03/84-09/89	W20EPR-U11	062110400304	1,0	IW20	062120070304
1.4 214 / i / i16V / Si 16V	55-76	14K2A, 14K2F, K16 (DOHC)		10/89-'99	K20PR-U	062110070304	0,8	IK20	062120040304
1.6 216 S-series	63	S		03/85-09/89	Q20PR-U	062110250304	0,9		
1.6 216 S-series	75	16H (EFi)		03/85-09/89	Q20PR-U11	062110260304	1,0		
1.6 216 i 16V Cabrio	90	DOHC		05/92-'00	Q20PR-U11	062110260304	1,1		
1.6 216 i 16V	90-96	DOHC		09/90-'00	Q20PR-U11	062110260304	1,1		
1.6 216 i 16V	82-85	D16A (Honda-PMG)		10/89-'96	Q20PR-U11	062110260304	1,1		
1.6 216 i 16V	82	K-series		02/96-'00	K20PR-U	062110070304	0,8	IK20	062120040304
1.8 218 i 16V	106	K-series VVC		'96-'98	PK20PR-P8	062110190304	0,9		
1.8 218 i 16V	106	K-series VVC		'98-'00	PK20PR11	062110180304	1,0	IK20	062120040304
2.0 220 GTi	100	T 16		01/93-'00	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 220 i Turbo	147	T 16		01/93-'00	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 220 GTi 16V	103	20 M 4 (DOHC-T 16.4)		09/91-'00	K20PR-U	062110070304	0,8	IK20	062120040304
400									
1.4 GSi	70	K 16		04/90-03/00	Q20PR-U	062110250304	0,9		
1.4 GSi 16V	76	DOHC-K 16		01/93-04/95	Q20PR-U	062110250304	0,9		
1.4 Si / SLi	76	K-series		04/95-03/00	K20PR-U	062110070304	0,9	IK20	062120040304
1.6 GSi 16V	82-85	D16A9 (DOHC) (Honda)		04/90-03/00	Q20PR-U11	062110260304	1,1		



kW



Note



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ROVER

400

1.6 GTi 16V	90-96	DOHC		04/90-03/00	Q20PR-U11	062110260304	1,1		
1.6 GSi	83	K-series		04/95-03/00	K20PR-U	062110070304	0,9	IK20	062120040304
1.8 i 16V	85	K-series		04/95-03/00	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 Turbo	147	T 16		01/93-03/00	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 GTi 16V	103	DOHC - M16 4V		02/92-03/00	K20PR-U	062110070304	0,9	IK20	062120040304

600

1.8 i / Si	85	F 18 A3		'96-'01	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.0 Ti / Turbo	147			'94-'01	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 i / Si	85-96	F 20 Z1 / F 20 Z2		08/93-03/96	KJ20CR-L11	062110160304	1,1	IK20	062120040304
2.3 Si	116	H 23 A2		08/93-03/00	KJ20CR-L11	062110160304	1,1	IK20	062120040304

800

2.0 820	74	20HDM8 (SOHC, Carb.)		'88-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0 820 i / SE	88	M 16 E		10/86-92	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 820 i / Si	98-103	M 16 i	Cat	10/86-92	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 820 i 16V Turbo	132	M16 Enigie (Turbo)		'91-'92	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 820 i 16V	100-103	T 16		01/92-'01	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 820 i 16V Turbo	145	T16 Enigie (Turbo)		01/92-'01	K20PR-U	062110070304	0,8	IK20	062120040304
2.5 825 / i V-6 / Sterling	110-125	V-6 C 25 A	W/O Cat	10/86-12/91	Q20PR-U11	062110260304	1,1		
2.5 825 i V-6 Si	129	V-6 2.5 K4F		01/96-'01	Q20PR-U11	062110260304	1,1		
2.7 827 / i V-6 24V (Si / Sterling)	124-130	V-6 C 27 A	W/O Cat	02/88-12/91	Q20PR-U11	062110260304	1,1		
2.7 827 i V-6 24V (Si / Sterling)	124-130	V-6 C 27 A	Cat	01/92-'01	Q20PR-U11	062110260304	1,1		

CITY ROVER

1.4 i 16V	62			01/04→	Q20PR-U	062110250304	0,9	IK20	062120040304
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MAESTRO

1.3 A Plus	49-51			09/88-'92	W20EP-U	062110410304	0,9	IW20	062120070304
1.6 R'Sing carb	59			03/83-10/84	W20EP-U	062110410304	0,9	IW20	062120070304
1.6 R'Twin carb	59			03/83-10/84	W22EP-U	062110450304	0,9		
1.6 S'	63			10/84-'92	Q20P-U	062110270304	0,8	IK20	062120040304
2.0 .. / i	83			10/84-'92	W20EPR-U	062110390304	0,8	IW20	062120070304

METRO

1.0	31-34	A-series	W/W Cat	'89-'90	W20EPR-U	062110390304	0,8		
1.1	44	K-series		05/90→	K20PR-U	062110070304	0,8	IK20	062120040304
1.3	46	A-series	W/O Cat	'89-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 MG Turbo	69	A-series		'82-'90	W22EPR-U	062110430304	0,9		
1.3 MG Turbo		O-series		05/90→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 .. / i 16V / GTi	55-76	K-series		05/90→	K20PR-U	062110070304	0,8	IK20	062120040304

MONTEGO

1.3	49-51	A-series		04/84-'89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (Estate)	61	S-series		09/88→	Q20PR-U	062110250304	0,8	IK20	062120040304
2.0 + MGI Estate	83-86	O-series EFi		'84-'89	W22EPR-U	062110430304	0,8		
2.0 MG	110	O-series Turbo		'85→	W22EPR-U	062110430304	0,8		
2.0 i (Estate)	83			09/88→	W20EPR-U	062110390304	0,8	IW20	062120070304
2.0	77	O-series		09/88→	W20EPR-U11	062110400304	1,0	IW20	062120070304

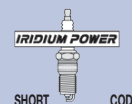
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kw

Note

Gap


SAAB

	kw		Note		SHORT	CODE	Gap	SHORT	CODE
90									
2.0	74	B 201 (C)	(DK,N,S,SF)	08/84-08/87	W20EP-U	062110410304	0,7	IW20	062120070304
2.0	74	B 201 (C)		08/84-08/87	W22EP-U	062110450304	0,7		
95 / 96									
1.5 V-4 Ford HC	68	Longreach 19.0 (Blue carover)		09/70-01/80	W20EP-U	062110410304	0,6	IW20	062120070304
1.5 V-4 Ford HC	68	Short reach 12.7m		09/70-01/80	W20FP-U	062110420304	0,6		
99									
2.0	74	B 20		09/75-08/81	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 EMS	87	BI 20		01/76-08/81	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 GL	74	B 20 C		09/81-12/84	W20EP-U	062110410304	0,7	IW20	062120070304
2.0	63	F 201 C	(DK,N,S,SF)	09/82-12/84	W20EP-U	062110410304	0,7	IW20	062120070304
2.0	63	F 201 C		09/82-12/84	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 Turbo	100-107	BSI 20		10/77-08/80	W22EP-U	062110450304	0,7		
600									
1.5	63	Lancia 600		'80-'85	W20EPR-U	062110390304	0,6	IW20	062120070304
900									
2.0 (1)	74-81	B 20 / B20T / BT20		09/78-08/83	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 (1)	73	B 201 (SOHC) (C..)	Single carb.	'81-'90	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 (1)	79	B 201 (SOHC) (T..)	Double carb.	'81-'90	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 (1) i	87	B 201 (SOHC) (L..)	Injection	'81-'90	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 (1) 16V	92-94	B 202 (DOHC)		→'88	Q20P-U	062110270304	0,7		
2.0 (1) i 16V	92-94	B 202 (DOHC)	W/W Cat.	→'88	Q20P-U	062110270304	0,7		
2.0 (1) i Turbo	107	B 201 M82 (SOHC) (S..)		'79-'82	W20EP-U	062110410304	0,6	IW20	062120070304
2.0 (1) i Turbo	107	B 201 M82-84 APC (SOHC) (SA..)	APC	'82-'84	W22EP-U	062110450304	0,6		
2.0 (1) i 16V Turbo	129	B 202 M84 (SL..)		'84-'85	Q22P-U	062110300304	0,6		
2.0 (2) i Turbo	136-140	B 204 L (Trionic)		09/93-99	Q22PR-U11	062110290304	1,0		
2.5 (2) i V-6 24V	125-130	B 258 i (Motronic)		09/93-99	K20TXR	062110120304	0,9	IK20	062120040304
9000									
2.0 i 16V	98	B 202 i (LH Jetronic)	Leaded fuel	09/84-08/93	Q20P-U	062110270304	0,6		
2.0 i 16V	96	B 204 i With Di	Cat	09/93→	Q20PR-U11	062110260304	1,0		
2.0 i 16V Turbo	129	B 202 L (LH Jetronic) Without Di	Leaded fuel	09/84-08/88	Q22P-U	062110300304	0,6		
2.0 i 16V Turbo	110-129	B 202 L (Trionic) With Di	Cat	01/90-94	Q22PR-U11	062110290304	1,0		
2.3 i 16V	107-110	B 234 i (LH Jetronic, with Di)	Cat	09/83-08/93	Q20PR-U11	062110260304	1,0		
2.3 i 16V	108	B 234 (With Di)	Cat	'94→	Q20PR-U11	062110260304	1,0		
2.3 i 16V Turbo	143-147	B 234 L (LH Jetronic) With Di	Cat	09/90→	Q22PR-U11	062110290304	1,0		
2.3 i 16V Turbo	147	B 234 L (Sf Trionic) (Di)	Cat	09/93-98	Q22PR-U11	062110290304	1,0		
2.3 i 16V Turbo	125	B 234 E (Ecopower) (Low pr. Turbo)	Cat	09/93-98	Q22PR-U11	062110290304	1,0		
2.3 i 16V Turbo (Aero)	165	B 234 R (Trionic) (Di)	Cat	09/92-98	Q22PR-U11	062110290304	1,0		
3.0 i V-6 24V	155	B 308 i (Motronic)	Cat	07/94-98	K20TXR	062110120304	0,8	IK20	062120040304
9-3									
2.0 (1) i 16V Turbo	113	B 204 E	Turbo	10/98-03	Q22PR-U11	062110290304	1,1		
2.0 (1) i 16V Turbo	136	B 204 L	Turbo	02/98-03	Q22PR-U11	062110290304	1,1		
2.0 (1) i 16V Turbo SE	147	B 204 R	Turbo	02/98-03	PK22PR-L11S	062110590304	1,0		
2.0 (1) i 16V Turbo Aero	162	B 205 R	Turbo	02/98-03	PK22PR-L11S	062110590304	1,0		
2.0 (1) i 16V Turbo Vign	169	B 205 R	Turbo	02/98-03	PK22PR-L11S	062110590304	1,0		
2.0 (2) 1.8 t (i 16V Turbo)	110	B 207 E	Low pressure Turbo	08/02→	PK20PR-P11	062110570304	1,0		
2.0 (2) 2.0 T (i 16V Turbo)	129	B 207 L	Turbo	08/02→	PK20PR-P11	062110570304	1,0		



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9-3

2.0 (2) 2.0 T (i 16V Turbo) AERO	155	B 207 R	Turbo	08/02→	PK20PR-P11	062110570304	1,0	
2.5 (1) i V-6 24V	125	B 258 i V-6 (Motronic)		02/98-03	K20TXR	062110120304	0,9	IK20 062120040304

9-5

2.0 i 16V Turbo	110	B 205 E (Low pressure Turbo)	Turbo	09/97→	Q22PR-U11	062110290304	1,1	
2.3 i 16V Turbo	125	B 235 E (Ecopower)	Turbo	09/97→	Q22PR-U11	062110290304	1,1	
2.3 i 16V Turbo Aero	169	B 235R (→ Y086665)	Turbo	09/97→	PK22PR-L11S	062110590304	1,1	
2.3 i 16V Turbo	184	B 235R	Turbo	09/01→	PK20PR-P11	062110570304	1,0	
2.3 i 16V Turbo	162	B 235L	Turbo	07/03→	Q20PR-U11	062110260304	1,0	
2.3 i 16V Turbo	191	B 235R	Turbo	11/05→	PK22PR-L11S	062110590304	1,1	

SATURN

SPORTS COUPE

1.9 S 2	90	DOHC 16V	(EFI)	10/90→			1,1	IK16 062120030304
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SPORTS SEDAN

1.9 SL / SL 1	63	OHC		10/90→			1,1	IK16 062120030304
1.9 TouringSL 2	90	DOHC 16V		10/90 →			1,1	IK16 062120030304

SEAT

127

0.9 CL	33			09/77-09/81	W20EPR-U	062110390304	0,7	IW20 062120070304
0.9 CL 90 N.O.	31	HB 90		09/77-09/81	W20EPR-U	062110390304	0,7	IW20 062120070304

131

1.4 1430	55	FD		07/75-12/82	W20EP-U	062110410304	0,6	IW20 062120070304
1.6 1600	69	GA		06/75-12/83	W22EP-U	062110450304	0,6	
1.9 CLX Supermirafiori	83			09/79-10/82	W20EP-U	062110410304	0,6	IW20 062120070304
2.0 2000	113			11/82-12/83	W22EP-U	062110450304	0,6	

132

1.6 1600	71			09/78-05/79	W22EPR-U	062110430304	0,8	
1.8 1800	78			03/73-05/79	W22EPR-U	062110430304	0,8	
2.0 Nuevo E 2000	79			09/78-10/80	W20EP-U	062110410304	0,6	IW20 062120070304

133

0.8	25	Gas / Normal / Super		05/74-11/79	W20EP-U	062110410304	0,8	IW20 062120070304
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600

0.8 Especial / L / Export					W20FP-U	062110420304	0,6	
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ALHAMBRA

1.8 i 20V Turbo	110	AJH		10/97-06/00	K20PBR-S10	062110060304	0,8	IK20 062120040304
1.8 i 20V Turbo	110	AWC		06/00→	PK20PR-P8	062110190304	0,8	
2.0 i	85	ADY, ATM		'96→	K20PBR-S10	062110060304	1,0	IK20 062120040304
2.8 i VR6	128	AAA		06/96-06/00	PK16TR11	062110550304	1,1	
2.8 i VR6 24V	150	AYL, AUE		06/00→	PKJ16CR-L11	062110210304	1,1	

AROSA

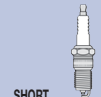
1.0 i	37	AER, ALL		04/97-09/99	W20EPBR-S	062110380304	1,0	IW20 062120070304
1.0 i	37	AHT		11/98-02/00	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.0 i	37	ALD, ALL, ANV, AUC		06/00→	PKJ16CR-L11	062110210304	1,1	
1.4 i	44	AEX, AKV, APQ		04/97→	W20EPBR-S	062110380304	0,9	IW20 062120070304
1.4 i	44	ANW, AKK, AUD, AUA		05/99→	PKJ16CR-L11	062110210304	1,1	

DENSO

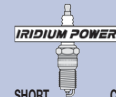


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SEAT									
AROSA									
1.4 i	55	AUA		05/00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	55-74	AHW, AKQ, AFK, ANM, AQQ, AUB		01/98→	K20PBR-S10	062110060304	1,0	IK20	062120040304
ALTEA (5P1)									
1.6 i	75	BGU		03/04→	K20PBR-S10	062110060304	1,0	IK20	062120040304
CORDOBA									
1.0 i	33	AAU, AER		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.0 i	37	ALD, ALL, ANV, AUC		08/99→	PKJ16CR-L11	062110210304	1,1		
1.3 i	40	AAV		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.4 i	44	ABD, AEX, ANX, APQ, AKV		05/93→	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.4 i	44	ANW, AKK, AUD		08/99→	PKJ16CR-L11	062110210304	1,1		
1.4 i 16V	55	AUA		05/00-12/02	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	75	AFH, APE		07/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 i	55	ABU, AEA, AEE, ALM		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.6 i	74	AEK, AFT, AEH, AKL, APF, AUR		01/97→	K20PBR-S10	062110060304	0,8	IK20	062120040304
1.8 i	55-66	AAM, ABS, ACC, ADZ		04/99→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 i 16V	95	ADL, ABL		09/95→	K22PBR-S	062110130304	0,8		
1.8 i	66	ABS		05/93→	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 i	85	2E (MPi)		05/93→	K22PBR-S	062110130304	0,8		
2.0 i	85	AGG		07/95→	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 i 16V	110	ABF		05/94→	K22PR-ZU	062110140304	0,8		
FURA									
0.9	32			09/81-12/84	W20EPR-U	062110390304	0,8	IW20	062120070304
1.4 Crono	55			09/81-12/84	W20EPR-U	062110390304	0,8	IW20	062120070304
IBIZA									
0.9 (021)	31	903 (Carb.)	Cat	06/84-08/91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 (6K1) i	33	AAU		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.0 (6K1) i	37	ALD, ALL, ANV, AUC		08/99→	PKJ16CR-L11	062110210304	1,1		
1.2 (021)	46	021 A1.100 (Sig1.2)		06/84-05/93	Q22P-U	062110300304	0,8		
1.2 (021) i	52	021C.1000	Cat	'89-05/93	Q22P-U	062110300304	0,7		
1.2 (6L1) i 12V	47	AZQ		02/02→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 (6K1) i	40	AAV		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.4 (6K1) i	44	ABD		05/93→	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.4 (6K1) i	44	ANW, AKK, AUD		05/99→	PKJ16CR-L11	062110210304	1,1		
1.4 (6K1) i 16V	55	APE, AKQ, AHW		11/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 (6K1) i 16V	74	AFH, AQQ, AUB, AUR		06/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 (6L1) i 16V	55	BBY		02/02→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 (6L1) i 16V	74	AUB, BBZ		02/02→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.5 (021) i	65	021 A 2	W/W Cat	'85-'91	Q22P-U	062110300304	0,8		
1.5 (021) SX i	74	021 B2 00 (Sig1.5)	Cat	03/88-05/93	Q22P-U	062110300304	0,8		
1.6 (6K1) i	55	ABU		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.6 (6K1) i	74	AEK, AFT, AKL, APF, AEH		01/97→	K20PBR-S10	062110060304	0,8	IK20	062120040304
1.6 (6L1)	74	BAH		02/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.7 (021) i ... / Sportline	72	021 C 3000	Cat	'91-'93	Q22P-U	062110300304	0,8		
1.8 (6K1) i	66	ABS		05/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 (6K1) GTi 16V	95	ADL		09/95→	K22PBR-S	062110130304	1,0		
1.8 (6K1) i 20V Turbo	115	AQX, AYP		11/99→	PK20PR-P8	062110190304	0,8		



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SEAT

IBIZA

1.8 (6L1) 20V Turbo FR	110	BJX, BKV	Turbo	12/03→	PK20PR-P8	062110190304	0,8	
1.8 (6L1) 20V Turbo Cupra R	132	BBU	Turbo	01/04→	PK20PR-P8	062110190304	0,8	
2.0 (6K1) i	85	2E AGG / ADY		05/93→	W20EPBR-S	062110380304	1,0	IW20 062120070304
2.0 (6K1) GTi 16V / Cupra	110	ABF		10/96→	K22PR-ZU	062110140304	0,8	

LEON

1.4 (1M1) 16V	55	AHW, AKQ, APE (EA111)		11/99→	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.4 (1P1) i 16V	55	AHW, AKQ, APE, AXP		09/05→	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.6 (1M1)	74-77	AEH, AKL, APF, ATN, AUS, AZD, BCB		11/99→	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.6 (1P1) i	75	BSE, BSF		09/05→	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.6 (1P1) i 16V	77	ATN, AZD		09/05→	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.8 (1M1) 20V	92	AGN, AGU, APG		11/99→	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.8 (1M1) 20V T	132	APP, AJQ, ARY, AUQ (Turbo)		11/99→	PK20PR-P8	062110190304	0,8	
1.8 (1M1) i 20V Turbo Cupra	165	BAM		07/03→	PK20PR-P8	062110190304	0,8	
2.0 (1P1) i 16V FSI Turbo	136	BWA	Turbo	09/05→	PK20PR-P8	062110190304	0,8	
2.8 (1M1) i VR6 24V (Cupra)	150	AUE, BDE		05/01→	PKJ16CR-L11	062110210304	1,1	

MALAGA

1.2	46	Sign1.2 (Carb.)		'85-'91	Q22P-U	062110300304	0,8	
1.5	63	Sign1.5 (Carb.)		'85-'91	Q22P-U	062110300304	0,8	
1.5 i	74	Sign1.5 i		'87-'91	Q22P-U	062110300304	0,8	

MARBELLA

0.8	25	08 NCA		01/87-12/93	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9		803 (Carb.)		01/87-08/91	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9	30	903 (Carb.)		01/87-12/91	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9		903 EAC (Ebc. Carb.)	Cat	01/92→	W16EPR-U	062110350304	0,8	

PANDA

0.8 35	25	100 GL 6000		09/80-06/83	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9 45	33	100 GL 3000		09/80-06/83	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9 40	33	100 GL 7000		09/82-12/86	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9 Trans	31	100 GL 7000		09/82-12/86	W20EPR-U	062110390304	0,8	IW20 062120070304

RITMO / RONDA

1.2	47	021 A 1000		05/84-12/86	Q22P-U	062110300304	0,8	
1.2 65 CL	70	124 B 6000		06/82-12/83	W22EP-U	062110450304	0,8	
1.4 75 CLX	70	124 B 7000		06/82-12/83	W22EP-U	062110450304	0,8	
1.5	63	021 A 2000		05/84-12/86	Q22P-U	062110300304	0,8	
1.6 Crono / 100CLX	70	138 AR 6000		06/82-12/83	W22EP-U	062110450304	0,8	
2.0	88			01/84-11/84	W22EP-U	062110450304	0,8	

RONDA

1.2	44	Sign1.2 (SysterRorsche)		05/84-08/91	Q22P-U	062110300304	0,8	
1.5	63	Sign1.5 (SysterRorsche)		05/84-08/91	Q22P-U	062110300304	0,8	

TERRA / TRANS

0.9	29	903 (Carb.)		'87-12/91	W20EPR-U	062110390304	0,8	IW20 062120070304
0.9	29	903 EAC (Ebc. Carb.)		01/92-'99	W16EPR-U	062110350304	0,8	

TOLEDO

1.6 (1L)	55	ABN (Carb.)	Cat	'91-'99	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.6 (1L) i	55	1F	Cat	'91-'99	K20PBR-S10	062110060304	1,0	IK20 062120040304
1.6 (1L)	55	EZ (Carb.)		'91-'92	K20PBR-S10	062110060304	1,0	IK20 062120040304

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TOLEDO

1.6 (1L) i	74	AEK, AFT		01/97-99	K20PBR-S10	062110060304	0,8	IK20	062120040304
1.6 (1M2) i	74	AEH, AKL		04/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 (1M2) i 16V	77	ATN, AUS, AZD, BCB		11/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 (5P2) i	75	BGU		10/04→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 (1L) i	66	ABS	Cat	01/93-99	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 (1L) i 16V	92	PL (MPi)	Cat	05/91-99	K20PBR	062110050304	1,0	IK20	062120040304
1.8 (1M2) i 20V	92	AGN, AGU, APG		04/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 (1M2) i 20V Turbo	132	APP, AJQ, ARY, AUQ (Turbo)		11/99→	PK20PR-P8	062110190304	0,8		
2.0 (1L) i	85	2E (MPi)	Cat	'91-99	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 (1L) i	85	AGG	Cat	07/95-99	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 (1L) i 16V	110	ABF	Cat	05/94-99	K22PR-ZU	062110140304	0,8		
2.3 (1M2) i V-5	110	AGZ		04/99-11/00	K20PBR-S10	062110060304	1,0	IK16	062120030304
2.3 (1M2) i V-5 20V	125	AQN		09/00→	PKJ16CR-L11	062110210304	1,1		
2.8 (1M2) i VR6 24V	150	AUE, BDE		05/01→	PKJ16CR-L11	062110210304	1,1		

SKODA

105

1.0 Esteb / S / L / GL	34	(742,10)		'76-12/90	W20FP-U	062110420304	0,6		
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120

1.2 GL / L / GLE	37			08/76-90	W20FP-U	062110420304	0,6		
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125

1.2 L/GL/GLE/LS/GLS/Coupe	37			'88-90	W20FP-U	062110420304	0,8		
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130

1.3 L / GL / Rapid / Esteb	46			09/84-91	W20FP-U	062110420304	0,6		
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135

1.3 L / LS / GL / Rapid	43			'87-90	Q20P-U	062110270304	0,7	IK20	062120040304
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136

1.3 L / G / GL / Rapid	46			09/84-91	Q20P-U	062110270304	0,7	IK20	062120040304
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FABIA (6Y)

1.0 i	37	AQV, ARV, ATY		'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.2 i	40	AWY		02 →	KJ20CR-L11	062110160304	1,1	IK20	062120040304
1.2 i	47	AZQ		03 →	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.4 i	50	AME, AQW, ATZ		'00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i	44	AZE, AZF		'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	55	AHW, AUA, BBY		'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	74	AUB		'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0 i	85	AZL, AQY		'00→	K20PBR-S10	062110060304	1,0	IK20	062120040304

FAVORIT / FORMAN

1.1 115	37	Carb 2V		'89-91	Q22PR-U	062110280304	0,8		
1.3 135	43			'88-08/92	Q20P-U	062110270304	0,7	IK20	062120040304
1.3 135	43			08/92→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 135	42		Cat	'90-08/92	Q20P-U	062110270304	0,8	IK20	062120040304
1.3 135	42		Cat	08/92→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 i 135	40	135 BMM	Cat	'93→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 136	46			'88-08/92	Q20P-U	062110270304	0,7	IK20	062120040304
1.3 136	50			09/92→	Q20PR-U	062110250304	0,8	IK20	062120040304



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FAVORIT / FORMAN

1.3 i 136	50	781 / 135B	Cat	'93→	Q20PR-U	062110250304	0,8	IK20	062120040304
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FELICIA

1.0 i	37	AHT, ARV, ATY	Cat	'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.3 LX / GLX	42		Cat	10/'94→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 i LX / GLX	40		Cat	10/'94→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 i LX / GLX	50	136 BMM	Cat	10/'94-08/'96	K20PR-U	062110070304	0,8	IK20	062120040304
1.3 i LX / GLX	50	136 MPi	Cat	08/'96→			0,9	IK16	062120030304
1.3 i LX / GLX	50	136 MPi	Cat (35.000 km)	08/'96 →	K16PR-U	062110020304	0,9	IK16	062120030304
1.6 i LX / GLX	55	(VW AEE)	Cat	'96→	W20EPBR-S	062110380304	0,8	IW20	062120070304

OCTAVIA

1.4 (1U) i 16V	44	AMD		'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 (1U) i 16V	55	AHW, AUA, AXP, AKQ, APE		'99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 (1Z) i 16V	55	BCA		06/'04→	PKJ16CR-L11	062110210304	1,1		
1.6 (1U) i	55	AEE, ABU		'96→	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.6 (1U) i	74	AEH, AKL		'96→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 (1U) i	75	AVU, BFQ		09/'00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 (1Z) i	75	BGU		06/'04→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 (1Z) FSI	85	BLF	Direct injection	06/'04 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 (1U) i 20V	92	AGN		'96→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 (1U) i 20V Turbo	110	AEB, AGU, ARZ, ARX, AUM		'98→	PK20PR-P8	062110190304	0,8		
1.8 (1U) i 20V RS Turbo	132	AUQ		12/'00-09/'04	PK20PR-P8	062110190304	0,8		
2.0 (1U) i	85	AQY, APK, AEG, AZH		'98→	K20PBR-S10	062110060304	1,0	IK20	062120040304

PICK-UP

1.3 135	43			'88-08/'92	Q20P-U	062110270304	0,8	IK20	062120040304
1.3 135	40			09/'91→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 135	43			08/'92→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 135	42		Cat	'90-08/'92	Q20P-U	062110270304	0,8	IK20	062120040304
1.3 135	42		Cat	08/'92→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 i.e. 135	40	.. / 135 BMM	Cat	'93→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 135 i.e.	40-42		W/W Cat	07/'93→	Q16PR-U	062110230304	0,7	IK16	062120030304
1.3 136	50			09/'92→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.3 i 136	50	781 / 136B	Cat	'93→	Q20PR-U	062110250304	0,8	IK20	062120040304

SUPERB (3U4)

1.8 i 20V Turbo	110	AWT		02/'02→	PK20PR-P8	062110190304	0,8		
2.0 i	85	AZM		02/'02→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.8 i V-6 30V	142	AMX		02/'02→	K20TXR	062110120304	0,8	IK20	062120040304

SMART

CABRIO

0.6 i	33-52	M160	Twin Spark'	03/'00 →	K20TXR	062110120304	0,9	IK20	062120040304
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CITY-COUPÉ

0.6 i (MC01)	33-52	M160	Twin Spark'	07/'98 →	K20TXR	062110120304	0,9	IK20	062120040304
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CROSSBLADE

0.6 i	52	M160	Twin Spark'	06/'02 →	K20TXR	062110120304	0,9	IK20	062120040304
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SMART

FORFOUR

1.1	55			04/04→	K20HR-U11	062110040304	1,1		
1.1	47			01/06→	K20HR-U11	062110040304	1,1		
1.3	70			04/04→	K20HR-U11	062110040304	1,1		
1.5	80			04/04→	K20HR-U11	062110040304	1,1		

SSANG YOUNG

KORANDO (KJ)

2.0 i	94	M 161.940		01/97→	Q20P-U	062110270304	0,8	IK20	062120040304
2.3 i 16V (4x4)	102-105	M 161.970		01/97→	Q20P-U	062110270304	0,8	IK20	062120040304
3.2 i	154-162	M 162.990	6 Cyl	12/96→	Q20P-U	062110270304	0,8	IK20	062120040304

MUSSO (FJ)

2.0 i	93	M 161.940		06/96→	Q20P-U	062110270304	0,8	IK20	062120040304
2.3 i 16V (E 2.3)	110	M 161.970		06/96→	Q20P-U	062110270304	0,8	IK20	062120040304
3.2 i 24V (EX 3.2)	161	M 162.990	6 Cyl	06/96→	Q20P-U	062110270304	0,8	IK20	062120040304

REXTON

2.3 i	103	M 111.E23	6 Cyl	05/02→	Q20P-U	062110270304	0,8	IK20	062120040304
3.2 i 24V	162	M 104.981	6 Cyl	05/02→	Q20P-U	062110270304	0,8	IK20	062120040304

STEYR-DAIMLER-PUCH

230 G

2.3 (460) (4x4)	66-75	M 115.973		03/79-03/82	W20EP-U	062110410304	0,8	IW20	062120070304
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230 GE

2.3 (460) (4x4)	92	M 102.981		04/82-08/85	T20EP-U	062110330304	0,8		
2.3 (460) (4x4)	89-92	M 102.987		09/85-93	T20EP-U	062110330304	0,8		
2.3 (463) (4x4)	93-95	M 102.989		09/89→	T20EP-U	062110330304	0,8		

280 GE

2.8 (460) (4x4)	110	M 110.994		11/79-08/89	W20EP-U	062110410304	0,8	IW20	062120070304
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300 GE

3.0 (463) (4x4)	125	M 103.987		09/89→	T20EP-U	062110330304	0,8		
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SUBARU

COUPE

1.8 AWD (4x4)	66	EA 82		'86-07/90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 Turbo AWD (4x4)	88	EA 82 (T)	Cat	'86-07/90	W22EPR-U	062110430304	0,8		
1.8 Turbo	96	EA 82 (T)		'86-07/90	W22EPR-U	062110430304	0,8		
1.8	72	EA 82	Cat	'87-07/90	W20EPR-U11	062110400304	1,1	IW20	062120070304

FORESTER (E-SF5)

2.0 i 16V	90	EJ 20 J (OHC)		09/97→	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 i 16V S-Turbo	125	EJ 20 G (DOHC Turbo)		02/97→	PK20PR-P8	062110190304	0,8		
2.5 i 16V		EJ 25 D (DOHC)	(J)	07/97→	PK20PR-P8	062110190304	0,8	IK20	062120040304

IMPREZA

1.6 (1 - GC/GF(C)) i 16V	66	EJ 16		08/92-98	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 (1 - GC/GF(C)) i 16V	70	EJ 16		10/98-00	K20PR-U11	062110080304	1,1	IK20	062120040304
1.6 (2 - GD/GG) i 16V	70	EJ 16		01/00→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (1 - GC/GF(C)) i 16V	76	EJ 18		08/92-00	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (1 - GC/GF(C)) i 16V	85	EJ 20		08/95-98	K20PR-U11	062110080304	1,1	IK20	062120040304



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SUBARU

IMPREZA

2.0 (1 - GC/GF(C)) i 16V	92	EJ 20			10/98-01	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (1 - GC/GF(C)) i 16V	92	EJ 20	City driving		10/98-01	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 (1 - GC/GF(C)) i 16V Turbo AWD (4x4)	155	EJ 20 (DOHC Turbo)			04/93-01	PK20PR-P8	062110190304	0,8		
2.0 (1 - GC/GF(C)) i 16V GT Turbo AWD (... / 555)	155	EJ 20 T (DOHC Turbo)			12/93-01	PK20PR-P8	062110190304	0,8		
2.0 (1 - GC/GF(C)) i 16V GT Turbo AWD	160	EJ 20 (DOHC Turbo)			10/98-01	PK20PR-P8	062110190304	0,8		
2.0 (1 - GC/GF(C)) i 16V STi version 1,2 (WRX)	205	EJ 20 (DOHC Turbo)	(J)		11/92-08/96	PK20PR-P8	062110190304	0,8		
2.0 (1 - GC/GF(C)) i 16V STi version 3,4 (WRX)	205	EJ 20 (DOHC Turbo)	(J)		09/96-00	PK20PR-P8	062110190304	0,8		
2.0 (2 - GD/GG) i 16V	92	EJ 20			01/00→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 (2 - GD/GG) i 16V Turbo (AWD)	160	EJ 20 (DOHC Turbo)			01/01→	PK20PR-P8	062110190304	0,8		
2.0 (2 - GD/GG) i 16V Turbo (AWD)	160	EJ 20 (DOHC Turbo)	0.4 Iridium		01/01 →			0,8	IK20	062120040304
2.0 (2 - GD/GG) i 16V STi version 6 (AWD)	206	EJ 20 (DOHC Turbo)			00→	PK22PR8	062110580304	0,8		
2.2 (1 - 22B STi) i 16V (Limited edition)	205	EJ 22 (DOHC Turbo)			'99	PK20PR-P8	062110190304	0,8		
2.2 (1 - 22B STi) i 16V (Limited edition)	205	EJ 22 (DOHC Turbo)	Fast driving		'99	PK22PR8	062110580304	0,8		
2.5 (1 - GC/GF(C)) i 16V	110	EJ 25 D			04/97-01	PK20PR11	062110180304	1,1		

JUMBO, REX

0.5 550	23	EK 23			'80-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
0.7 700	27	EK 42			'81-'90	W20EPR-U11	062110400304	1,1	IW20	062120070304

JUSTY

1.0 (KAD) AWD (4x4) J	37-41	EF 10	Cat		10/84-95	W20EPR-U	062110390304	0,9	IW20	062120070304
1.0 (KAD) J	37-41	EF 10	Cat		10/84-95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.2 (KAD) J	49-50		Cat		05/87-95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.2 (KAD) GLi	55	EF 13	Cat		08/90-95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.2 (KAD) Super AWD (4x4)	49-50	EF 12	Cat		10/86-95	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.3 (JMA/MS) i ... / AWD (G35)	50	G 13 BA (Suzuki)			10/95→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (G3X) i	69	M 13 DOHC			09/03→	PK20PR-P11	062110570304	1,1	IK20	062120040304
1.5 (G3X) ... / AWD (G35)	73	M 15 DOHC			09/03→	PK20PR-P11	062110570304	1,1	IK20	062120040304

LEGACY

1.6 (1 - BC/BJF) 16V		EJ 16	(A, CH)		05/90→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (1 - BC/BJF) 16V	76	EJ 18 (A)	(A, CH)		01/90→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (1 - BC/BJF) i 16V	76	EJ 18 (A) SPi	Cat		01/89→	K20PR-U11	062110080304	1,1	IK20	062120040304
1.8 (1 - BC/BJF) i 16V	76	EJ 18	Cat		01/90→	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (1 - BC/BJF) i 16V	85	EJ 20 (MPi)	Cat		05/91-01/94	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (1 - BC/BJF) i 16V	100	EJ 20			05/92-94	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (1 - BC/BJF) i 16V Turbo	147	EJ 20 (G) (DOHC Turbo)	Cat		06/91-05/92	K20PR-ZU11	062110090304	0,8	IK20	062120040304
2.0 (1 - BC/BJF) i 16V Turbo	147-162	EJ 20 (DOHC Turbo)	Cat		05/92-95	PK20PR-P8	062110190304	0,8		
2.0 (2 - BD/BG) i 16V	85	EJ 20	Cat		01/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (2 - BD/BG) i 16V Turbo	147-162	EJ 20 (DOHC Turbo)	Cat		05/92-95	PK20PR-P8	062110190304	0,8		
2.0 (3 - BE/BH) i 16V	92	EJ 20 (DOHC)			04/99→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.0 (3 - BE/BH) i 16V B4 Turbo	205	EJ 20 (DOHC Turbo)			'99→	PK20PR-P8	062110190304	0,8		
2.0 (4) i 16V	101	EJ 20			09/03→	K16PR-U11	062110030304	1,1	IK16	062120030304
2.2 (1 - BC/BJF) i 16V	100	EJ 22	Cat		01/89-94	K20PR-U11	062110080304	1,1	IK20	062120040304
2.2 (1 - BC/BJF) i 16V	100	EJ 22 E	W/W Cat		01/90-94	K20PR-U11	062110080304	1,1	IK20	062120040304
2.2 (2 - BD/BG) i 16V	94	EJ 22			01/94-99	K20PR-U11	062110080304	1,1	IK20	062120040304
2.5 (2 - BD/BG) i 16V	110-122	EJ 25 D			12/96-99	PK20PR11	062110180304	1,1		
2.5 (2 - BD/BG) i 16V (BE, BH)	110	EJ 25 D			12/96→	PK20PR11	062110180304	1,1		
2.5 (3 - BE/BH) i 16V	115	EJ 25 (DOHC)			12/98→	K16PR-U11	062110030304	1,1	IK20	062120040304

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SUBARU

LEGACY

2.5 (3 - BE/BH) i 16V B4 RS25	125	EJ 254 (DOHC)	(J)	'04/'01→			1,1	IK20	062120040304
2.5 (4) i 16V	121	EJ 25		09/'03→			1,1	IK20	062120040304

LIBERO / DOMINGO

1.0 AWD (4x4)	37	EF 10		08/'85-08/'88	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.2 AWD (4x4)	38	EF 12		10/'86-08/'88	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.2 i	40	EF 12		05/'93→	W20EPR-U11	062110400304	1,1	IW20	062120070304

MINIBUS

0.7 Van		EK 42		10/'83-01/'86	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.0 AWD (4x4) Van		EF 10		10/'83→	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.2 AWD (4x4)		EF 12		08/'86→	W20EPR-U11	062110400304	1,1	IW20	062120070304

MINI JUMBO

0.7	27	EK 42	2 Cyl	01/'82-10/'87	W20EPR-U11	062110400304	1,1	IW20	062120070304
0.7	27	EK 42	2 Cyl	11/'87-01/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304
0.8	31	EN 08		12/'89-'93	W20EPR-U11	062110400304	1,1	IW20	062120070304

OUTBACK

2.5 i 16V	110	EJ 25 D		12/'96→	PK20PR11	062110180304	1,1		
2.5 i 16V	121	EJ 25		11/'03→			1,1	IK20	062120040304

REX

0.5 550	28	EN 05		01/'89→	K20PR-U11	062110080304	1,1	IK20	062120040304
0.5 500 Copr. / Superch.	40	EK 23 (Superchargd)		06/'88 →	K20PR-U11	062110080304	1,1	IK20	062120040304
0.5 550 Copr. / Superch.	45	EN 05 (Superchargd)		01/'89 →	K20PR-U11	062110080304	1,1	IK20	062120040304
0.7 750	27	EK 42		09/'81-12/'88	W20EPR-U11	062110400304	1,1	IW20	062120070304

SEDAN

1.8 AWD (4x4)	66	EA 81		'86-07/'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 i AWD (4x4)	77	EA 82 A		'86-07/'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 Turbo	96	EA 82		'86-07/'90	W22EPR-U	062110430304	0,8		
1.8 AWD (4x4)	72	EA 82 E		'87-07/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8	66	EA 82		10/'86-07/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 Turbo AWD (4x4)	100	EA 82		10/'86-07/'90	W22EPR-U11	062110440304	1,1		
1.8	72	EA 82		10/'87-07/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304

STATION

1.8 AWD (4x4)	66	EA 81		'86→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 i AWD (4x4)	77	EA 82 A		'86→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 AWD (4x4)	72	EA 82 E	Cat	'87→	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 Turbo AWD (4x4)	100	EA 82 E	Cat	10/'86-07/'90	W22EPR-U11	062110440304	1,1		

SUPER STATION

1.8	66	EA 81		'86→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8	77	EA 82 A		'86→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.8 Turbo	88	EA 82	W/O Cat	'86→	W22EPR-U	062110430304	0,8		
1.8	72	EA 82 E	Cat	'87	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 Turbo	100	EA 82	Cat	10/'86-07/'90	W22EPR-U11	062110440304	1,1		
1.8 i	72	EA 82 A	Cat	10/'87-07/'90	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.8 i	66	EA 82		11/'84-07/'90	W22EPR-U11	062110440304	1,1		


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SUBARU
SVX (CXW)

3.3 i 24V	169-176	EG 33 DOHC (H-6)	Cat	09/92-98	PK20PR11	062110180304	1,1	
3.3 i 24V	162	EG 33 DOHC (H-6)	Cat	09/94-98	PK20PR11	062110180304	1,1	

TRANSPORTER

4 x 4		E 10			W20EPR-U	062110390304	0,8	IW20 062120070304
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VIVIO

0.6 (660) .. / AWD (4x4)	27-32	EN 07 (Carb.)		03/92→	K16PR-U11	062110030304	1,1	IK16 062120030304
0.6 i (660) .. / AWD (4x4)	32	EN 07 (Injection)	Cat	03/92→	K20PR-U11	062110080304	1,1	IK20 062120040304

XT COUPE (XT)

1.8 i	110	ER 27		'87-'90	W20EPR-U	062110390304	0,8	IW20 062120070304
1.8	66	EA 82	Cat	10/86-07/90	W20EPR-U11	062110400304	1,1	IW20 062120070304
1.8	72	EA 82	Cat	10/87-07/90	W20EPR-U11	062110400304	1,1	IW20 062120070304
1.8 i Turbo .. / AWD (4x4)	100	EA 82		11/84-07/90	W22EPR-U	062110430304	0,8	
1.8 i Turbo .. / AWD (4x4)	88	EA 82 T	Cat	01/88-07/90	W22EPR-U	062110430304	0,8	

SUZUKI
ALTO

0.6 (SS80)	22	F 5 A		06/82-12/85	W16EPR-U	062110350304	0,8	
0.8 (SS80)	27	F 8 A		08/81-01/86	W16EPR-U	062110350304	0,8	
0.8 (SS80) 800	29	F 8 B		06/82-12/85	W16EPR-U	062110350304	0,8	
0.8 (SB308) 800	29	F 8 B (1)		01/86-'93	W16EPR-U	062110350304	0,8	
1.0 (SH410) i (Type 1,2,3,4)	39	G 10 B (SOHC) (SPi + MPI)	4 Cyl	04/94→	W16EPR-U	062110350304	0,8	
1.0 (SH410) i (Type 5)	43	(MPI)	4 Cyl	'00→	K20PR-U	062110070304	0,8	IK20 062120040304
1.1 (RF410) i 16V		K 10 A (DOHC)	4 Cyl	'02→	XU22EPR-U	062110460304	0,9	

BALENO

1.3 (SY413) i 16V	63	G 13 B (B)		03/95-'00	K20PR-U	062110070304	0,8	IK20 062120040304
1.3 (SY413) i 16V (Type 5)	63	G 13 B (B)	(Euro 3)	'00→	K20PR-U11	062110080304	1,1	IK20 062120040304
1.6 (SY416) i 16V	72	G 16 B		03/95-'00	K20PR-U	062110070304	0,8	IK20 062120040304
1.6 (SY416) i 16V (Type 5)	72	G 16 B	(Euro 3)	'00→	K20PR-U11	062110080304	1,1	IK20 062120040304
1.8 (SY418) i 16V .. / GT	89	J 18 A / G 18 A		03/95→	K20PR-U11	062110080304	1,1	IK20 062120040304

CARRY

0.8 (ST80)		F 8 A		10/77-11/80	W16EP-U	062110360304	0,7	
0.8 (ST90)	27	F 8 A		11/80-10/85	W16EPR-U	062110350304	0,8	
0.8 (SK408) (Type 1,2)	27	F 8 A		'85-'94	W16EPR-U	062110350304	0,8	
1.0 (SK410) (Type 1)	32-33	F 10 A (Carb-FJ)		10/85-'94	W16EPR-U	062110350304	0,8	
1.0 (SK410) (Type 2,3)	31	F 10 A (Electronic Carb.)	W/W Cat	10/92→	W16EPR-U	062110350304	0,8	
1.0 (SK410) (Type 4)	30	F 10 A	Cat	09/94→	W16EPR-U	062110350304	0,8	
1.3 (GA413) i 16V (Type 1)	59	G 13 BB (SOHC)		09/98→	K20PR-U	062110070304	0,8	IK20 062120040304

CERVO

1.0 SK 410	32	F 10 A		07/90→	W16EP-U	062110360304	0,8	
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IGNIS

1.3 i 16V	61	M 13 A (1328cc)	4 Cyl	09/00→	PK20PR-P11	062110570304	1,1	
1.3 i 16V	69	M 13 A (DOHC VVT)		06/03→	PK20PR-P11	062110570304	1,1	
1.5 i 16V	73-80	M 15 A (DOHC VVT)		06/03→	PK20PR-P11	062110570304	1,1	

DENSO

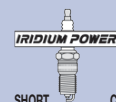


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JIMNY (SN413V/Q)

1.3 i 16V (Wide)	59	G 13 B(B)	4 Cyl	01/98 →	K20PR-U	062110070304	0,8	IK20	062120040304
1.3 i 16V (Wide)	65	M 13 A (1328cc) (Euro-3)	4 Cyl	09/00 →	PK20PR-P11	062110570304	1,1		

LIANA (AERIO)

1.3 i 16V	66	M 13 A (1328cc)		'01→	PK20PR-P11	062110570304	1,1		
1.6 i 16V	76	M 16 (1586cc)		'01→	PK20PR-P11	062110570304	1,1		

LJ 80

0.8	29	F 8 B		10/77-12/82	W16EPR-U	062110350304	0,8		
0.8		F 8 A		01/80-01/84	W16EPR-U	062110350304	0,8		

SC 100 GX (Cervo)

1.0 COUPE		F 10 A		05/79-'83	W16EPR-U	062110350304	0,8		
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S J

1.0 410	27-33	F 10 A		09/81→	W16EPR-U	062110350304	0,8		
1.0 410	33	F 10 A	Cat	10/86→	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 413	47	G 13 (A) (OHC)		09/84→	W16EPR-U	062110350304	0,8		
1.3 413	44-51	G 13 B (OHC)	Cat	08/86→	W16EPR-U	062110350304	0,8		
1.3 413 i	47	G 13 A		12/92→	W16EPR-U	062110350304	0,8		
1.3 413 i	51	G 13 BA	Cat	02/91→	W20EPR-U	062110390304	0,8	IW20	062120070304

SAMURAI

1.0	33	F 10 A	(E)	07/84→	W16EPR-U	062110350304	0,8		
1.3	47	G 13 BA	(E)	11/84→	W16EPR-U	062110350304	0,8		
1.3	44-47	G 13 B (OHC)	Cat	11/88→	W16EPR-U	062110350304	0,8		
1.3 i	51	G 13 B (OHC)	Cat	09/91→	W16EPR-U	062110350304	0,8		
1.3 i	51	G 13 B (A)	(E)	11/91-12/92	W16EPR-U	062110350304	0,8		
1.3 i .. / Santana	51	G 13 B (A)		12/92→	W16EPR-U	062110350304	0,8		
1.3 i (SJ)	51	G 13 B (A)		09/94→	W16EPR-U	062110350304	0,8		

SANTANA

1.0 (SJ 410)	33	F 10 A		01/85-'88	W16EPR-U	062110350304	0,8		
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SWIFT

1.0 (1 - SA310)	37	G 10 A (OHC)	W/O Cat	10/84-03/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 (2 - SF310) SF...	37-39	G 10 (3 Cyl)		03/89-09/91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 (2 - SF310) i GL	39	G 10 (3 Cyl)		09/91-01/95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 (2 - SF310) i SF...	40-41	G 10 (3 Cyl)	Cat	03/89-09/91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 (2 - SF310) i GL	39	G 10 (3 Cyl) (A)	Cat	01/95 →	W20EPR-U	062110390304	0,8	IW20	062120070304
1.0 (2 - SF310) i	39	G 10 A (OHC) (3 Cyl)	Euro-3	09/00 →	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.3 (1 - SA413)	47-54	G 13 A (OHC)		10/84-03/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (1 - SA413)	47-50	G 13 B	W/O Cat	08/86-03/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (1 - SA413) i 16V / GTi	70-74	G 13 B	W/O Cat	08/86-03/89	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - SF413) GTi / GXi 16V	74-85	G 13 B (DOHC)	W/W Cat	03/89-12,91	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - SF413) SF...	49	G 13 B		'89-'90	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - SF413) i SF...	50-52	G 13 B	Cat	03/89-'00	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - SF413) i GL	50	G 13 B (A)	Cat	08/94-'00	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - SF413) GTi / GXi 16V	74-85	G 13 B DOHC	W/O Cat	03/89-'00	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (2 - SF410) i 16V	50	G 13 BA / G 13 BB (1298cc)	Euro-3	09/00 →	K20PR-U11	062110080304	1,1	IK20	062120040304
1.3 (2 - SF410) i 16V	65	M 13 A (1328cc)		09/00 →	PK20PR-P11	062110570304	1,1		
1.3 (3 - RS 413) i 16V	68	M 13 A		03/05 →			1,1	IK20	062120040304
1.5 (3 - RS 415) i 16V	75	M 15 A VVT		03/05 →			1,1	IK20	062120040304



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Model	kW	Engine	Note	Year	Part No.	Code	Gap	Part No.	Code
SWIFT									
1.6 (2 - SF416) 16V	68	G 16 B (OHC) (Carb.)		11/89-91	K20PR-U	062110070304	0,8	IK20	062120040304
1.6 (2 - SF416) i 16V	70	G 16 B (OHC) (Injection)	Cat	01/90 →	K20PR-U	062110070304	0,8	IK20	062120040304
VITARA									
1.6 (SE416)	55	G 16 A (OHC) (Carb. 2V)		'88-'92	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 (SE416) i	54	G 16 A (OHC)	Cat	'88-'91	W16EPR-U	062110350304	0,8		
1.6 (SE416) i	59	G 16 A (OHC)	Cat	'91→	W16EPR-U	062110350304	0,8		
1.6 (SE416) i	59	G 16 A (OHC)	Cat	03/94→	W16EPR-U	062110350304	0,8		
1.6 (SE416) i 16V	71	G 16 B (OHC)		09/91-'00	K20PR-U	062110070304	0,8	IK20	062120040304
1.6 (SE416) i 16V	71	G 16 B (OHC)	Cat	09/91-'00	K20PR-U	062110070304	0,8	IK20	062120040304
1.6 (SE416) i 16V (TA02W, TD02W)		G 16 A/B		'00→	PK20PR-P11	062110570304	1,1		
1.6 (SE416) i 16V (E2, E22)		G 16 B (OHC)		'00→	PK20PR-P11	062110570304	1,1		
2.0 (SV420) i 16V		J 20 A (DOHC)		01/98→	K20PR-U	062110070304	0,8	IK20	062120040304
2.0 (SV620) i V-6 24V (.. / Long)	100	H 20 A		03/95 →	K20PR-U	062110070304	0,8	IK20	062120040304
GRAND VITARA									
1.6 (SQ416Q) i 16V (Type 2)	69	G 16 B (OHC)	(CH No. 470.000→)	'00→	PK20PR-P11	062110570304	1,1		
1.6 (SQ416V) i 16V (Type 2)	69	G 16 B (OHC)	(CH No. 150.000→)	'00→	PK20PR-P11	062110570304	1,1		
1.6 (JB416) i 16V	78	M 16 A VVT		09/05→			1,1	IK20	062120040304
2.0 (SQ420W) i 16V	100	J 20 A (DOHC MPi)		03/97-'00	K20PR-U11	062110080304	1,1	IK20	062120040304
2.0 (SQ420W) i 16V (Type 2)	94	J 20 A (DOHC MPi)	(CH No. 150.000→)	'00→	PK20PR-P11	062110570304	1,1		
2.5 (SQ625W) i V-6 24V	106	H 25 A (DOHC MPi)		03/97-'00	K20PR-U11	062110080304	1,1	IK20	062120040304
2.5 (SQ625W) i V-6 24V	106	H 25 A (DOHC MPi)	(CH No. 150.000→)	'00→	PK20PR-P11	062110570304	1,1		
WAGON R+									
1.0 (SR410) i 16V (Type 1,2)	48	K 10 A	4 Cyl	09/97-'01	XU22EPR-U	062110460304	0,9		
1.0 (RB310) i 12V	39	G 10 A (3 Cyl)	Euro-3	09/03 →	W20EPR-U11	062110400304	1,1	IW20	062120070304
1.0 (RB310) i 12V	44	Z 10 XEP	3-cyl	03/05 →	KJ16CR-L11	062110150304	0,9	IK16	062120030304
1.2 (SR412) i 16V (Type 1,2)	51	K 12 A	4 Cyl	04/97-'01	XU22EPR-U	062110460304	0,9		
1.2 (RB412) i 16V	59	Z 12 XEP		03/05→	KJ16CR-L11	062110150304	0,9	IK16	062120030304
1.3 (RB413) i 16V	56	G 13 BB	4 Cyl	04/00 →	K20PR-U11	062110080304	1,1	IK20	062120040304
1.3 i 16V	69	M 13 A VVT	4 Cyl	09/03 →			1,1	IK20	062120040304
X-90 (SZ416 / LA)									
1.6 i 16V	71	G 16 B		09/95→	K20PR-U	062110070304	0,8	IK20	062120040304
TOFAS									
SERCE									
1.3 (124)	48			09/83→	W20EP-U	062110410304	0,7	IW20	062120070304
TEMPRA									
1.6 SX / SW	64	OHC		10/90→	W22EPR-U	062110430304	0,7		
2.0 i.e.	88			07/92→	W22EPR-U	062110430304	0,7		
TIPO									
1.4 S	53	OHC		'94→	W22EPR-U	062110430304	0,7		
DOGAN									
1.6 (131)	55	131 C 2.000		03/81→	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55			06/92→	W22EPR-U	062110430304	0,7		
1.6 S	63	OHC		'96→	W22EPR-U	062110430304	0,7		





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TOFAS
KARTAL

1.6 (131)	55			03/81-06/92	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55			06/92→	W22EPR-U	062110430304	0,7		

SAHIN / SHAIN

1.3	47			'91-'92	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55			02/82→	W20EP-U	062110410304	0,7	IW20	062120070304

TOYOTA
4-RUNNER (TRUCK)

2.7 i (RZN18#)	107	3RZ-FE (EGR)		11/95 →	K16R-U	062110480304	0,8	IK16	062120030304
3.0 i V-6 (VN61)	105	3VZ-E		08/88-03/89	K16R-U	062110480304	0,8	IK16	062120030304
3.0 i V-6 (VZN85,9#20)	105	3VZ-E		08/88-11/95	K16R-U	062110480304	0,8	IK16	062120030304
3.0 i V-6 (VZN10#10,13#)	105	3VZ-E		08/88-11/95	K16R-U	062110480304	0,8	IK16	062120030304
3.4 i V-6 24V (VZN18#)	131	5VZ-FE (DOHC)		11/95 →	K16TR11	062110640304	1,1	IK16	062120030304

AURIS

1.4 i 16V	71	4ZZ-FE		10/06→	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 i 16V	91	1ZR-FE	IridiumPower	10/06 →	SC20HR11	062120100304	1,1		

AVENSIS

1.6 (1) i 16V (AT220)	81	4A-FE (DOHC)	LHD, Linea Terra	10/97-07/00	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 (1) i 16V (AT220)	81	4A-FE (DOHC)		10/97-07/00	K20R-U	062110100304	0,9	IK20	062120040304
1.6 (1B) i 16V (ZZT22#)	81	3ZZ-FE (DOHC VVT-i)		07/00-01/03	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 (2) i 16V (ZZT25#)	81	3ZZ-FE (DOHC VVT-i)		01/03 →	K16R-U11	062110490304	1,1	IK16	062120030304
1.8 (1B) i 16V (ZZT22#)	95	1ZZ-FE (DOHC VVT-i)		07/00-01/03	K16R-U11	062110490304	1,1	IK16	062120030304
1.8 (2) i 16V (ZZT25#)	105	1ZZ-FE (DOHC VVT-i)		01/03 →	K16R-U11	062110490304	1,1	IK16	062120030304
2.0 (1) i 16V (ST220)	94	3S-FE (DOHC)		10/97-07/00			1,1	IK20	062120040304

AYGO

1.0 i 12V (KGB10)	50	1KR-FE (DOHC VVT-i)	3 cyl	03/05 →	K20HR-U11	062110040304	1,1		
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CAMRY

2.0 (1) i (SV11)	72	2S-ELC	Cat	01/83-07/86	W16EXR-U11	062110620304	1,1		
2.2 (3) i 16V (SXV10)	100	5S-FE (DOHC)		06/91-08/96			1,1	IK20	062120040304
2.2 (4) i 16V (SXV20)	96	5S-FE (DOHC)		08/96-09/01			1,1	IK20	062120040304

CARINA

1.4 (TA1#)		T		12/70-07/72			0,8	IW20	062120070304
1.6 (TA1#)		2T		12/70-07/72			0,8	IW20	062120070304

CARINA II

1.6 (AT151)	55	4A-LC	Cat	08/86-11/87	W16EXR-U11	062110620304	1,1		
1.6 16V (AT171)	70	4A-F (DOHC)		12/87-11/92			0,8	IK16	062120030304

CARINA E

1.5 i 16V (AT210)		5A-FE (DOHC)		08/96-11/98	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 i 16V (AT190)	85	4A-FE (DOHC) (EX-USSR)	UKP.LHD	01/96-10/97	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 i 16V (AT190)	85	4A-FE (DOHC)		02/92-10/97	K20R-U	062110100304	0,8	IK20	062120040304
1.6 i 20V GT (AT210)	120	4A - GE / FE (DOHC)		08/96-11/01			1,1	IK20	062120040304
1.8 i 16V (AT210)		7A-FE (DOHC) Leanburn		08/93-10/97			1,3	IK16	062120030304
2.0 i 16V (ST191)	98	3S-FE (DOHC)		02/92-10/97			1,1	IK20	062120040304
2.0 i 16V (ST215)		3S-FE (DOHC)		02/92-10/97			1,1	IK20	062120040304



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CELICA										
1.6 (2) (TA40,RA40)	79	2T-G (DOHC)			08/77-07/81			0,8	IW20	062120070304
1.8 (6) i 16V (AT200)	85	7A-FE (DOHC)			11/93→	K20R-U	062110100304	0,8	IK20	062120040304
1.8 (7) i 16V (ZZT230)	105	1ZZ-FE (DOHC VVT-i)			08/99→	K16R-U11	062110490304	1,1	IK16	062120030304
2.0 (2) (TA40,RA40)	86-88	18RG			08/77-07/81			0,8	IW20	062120070304
2.0 (3) (RA6#)	77-88	18RG, 21R#			08/81-08/84			0,8	IW20	062120070304
2.0 (5) i 16V GT (ST182)	115	3S-GE (DOHC) (WEurope) W			10/89-11/93	K20R-U	062110100304	0,8	IK20	062120040304
2.8 (3) i (MA61)	125	5M-GE (DOHC)	6 Cyl		12/81-12/85			0,8	IW20	062120070304

COASTER										
2.7 (RZB40,50)	107	3RZF (DOHC)			09/93→	K16R-U	062110480304	0,8	IK16	062120030304

COROLLA & TRUENO										
1.6 (TE47)		2T-G (DOHC)			08/74-02/79			0,8	IW20	062120070304

COROLLA										
1.3 (5) (AE8#)		2A-LC	Cat		11/84-07/88	W16EXR-U11	062110620304	1,1		
1.3 (5) 12V (EE80)	55	2E-L			10/84-07/88			0,8	IW20	062120070304
1.3 (5) 12V / i 12V (EE80)	55	2E#	Europe		10/84-04/87			1,1	IW20	062120070304
1.3 (6) 12V (EE90)	55	2E			05/87-06/92	W16EXR-U11	062110620304	1,1		
1.3 (7) 12V (EE100)	55	2E			05/92-05/95	W16EXR-U11	062110620304	1,1		
1.3 (7) i 16V (EE101)	65	4E-FE			05/92-04/97	K16R-U	062110480304	0,8	IK16	062120030304
1.3 (8) 12V (EE110)	55	2E	(Japan)		04/97-01	W16EXR-U11	062110620304	1,1		
1.3 (8) i 16V (EE111)	63	4E-FE (DIS igiton)			04/97-11/99	K16TR11	062110640304	1,1	IK16	062120030304
1.4 (8B) i 16V (ZZE111)	71	4ZZ-FE (DOHC VVT-i)			10/99-01/02	K16R-U11	062110490304	1,0	IK16	062120030304
1.4 (9) i 16V (ZZE120)	71	4ZZ-FE (DOHC VVT-i)			11/01→	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 (4) (TE71E)	80-85	2T-G (DOHC)			08/79-05/83			0,8	IW20	062120070304
1.6 (5) (AE82)	54	4A-LC	Cat		04/85-04/87	W16EXR-U11	062110620304	1,1		
1.6 (6) 16V (AE92)	66	4A-F (DOHC)	2 Way Cat		05/87-05/92			0,8	IK16	062120030304
1.6 (6) 16V 4WD (AE95)		4A-F (DOHC)			09/90-05/92			0,8	IK16	062120030304
1.6 (6) i 16V (AE92)	85-92	4A-GE (DOHC)			08/89-11/92	K20R-U	062110100304	0,8	IK20	062120040304
1.6 (7) i 16V (AE10#)	84-85	4A-FE (DOHC)			05/92-04/97	K20R-U	062110100304	0,8	IK20	062120040304
1.6 (8) i 16V (AE111)	79-81	4A-FE (DOHC)			04/97-11/99	K20R-U	062110100304	0,8	IK20	062120040304
1.6 (8) i 20V GT (AE111)	120	4A-GE	(J)		04/97-11/99			1,1	IK20	062120040304
1.6 (8B) i 16V (ZZE112)	81	3ZZ-FE (DOHC VVT-i)			10/99-01/02	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 (9) i 16V (ZZE121)	81	3ZZ-FE (DOHC VVT-i)			09/01→	K16R-U11	062110490304	1,1	IK16	062120030304
1.8 (7) i 16V (AE10#)	85	7A-FE (DOHC)			05/92-04/97	K20R-U	062110100304	0,8	IK20	062120040304
1.8 (8) i 16V (AE11#)	84	7A-FE (DOHC)			04/97-01/02	K20R-U	062110100304	0,8	IK20	062120040304
1.8 (9) i 16V (ZZT12#)	105	1ZZ-FE (DOHC VVT-i)			09/01 →	K16R-U11	062110490304	1,1	IK16	062120030304

COROLLA SDN (10)										
1.4 (10) i 16V	71	4ZZ-FE			11/06→	K16R-U11	062110490304	1,1	IK16	062120030304
1.6 (10) i 16V	91	1ZR-FE	IridiumPower		11/06 →	SC20HR11	062120100304	1,1		

CORONA										
1.8 (RT102,104,114,118)		16R	-EUR		09/75-01/77			0,8	IW20	062120070304
2.0 (RT104,118)		18R#	Europe		09/75-01/77			0,8	IW20	062120070304
2.0 (RT104,118)		18RC			01/77-04/77			0,8	IW20	062120070304

CORONA FR										
2.0 (ST141)		2S-C			08/85-12/86	W16EXR-U11	062110620304	1,1		

DENSO



MAGNETI MARELLI



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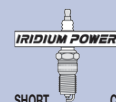
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CORONA (& CARINA 2)

1.6 (AT151)	58	4A-LC	Cat	08/86-11/87	W16EXR-U11	062110620304	1,1	
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CRESSIDA

2.0 (RX60X,GX6#)		21R#		09/80-07/84			0,8	IW20 062120070304
2.0 i (RX60X,GX6#)		1G-E	6 Cyl	09/80-07/84			0,8	IW20 062120070304
2.0 i (GX60X)	80	1G-E	6 Cyl	08/84-04/85			0,8	IW20 062120070304
2.0 i (GX71)	80	1G-E	6 Cyl	08/84-08/88			0,8	IW20 062120070304
2.0 i 24V (GX81)	99	1G-FE	6 Cyl	08/88-02/93	K20R-U	062110100304	0,8	IK20 062120040304
2.8 i (MX73)	125	5M-GE (DOHC)	6 Cyl	08/85-08/88			0,8	IW20 062120070304

CROWN

2.6 (MS8#)	110	4M (6 Cyl)	Europe	11/76-08/79			0,8	IW20 062120070304
2.8 i (MS112)	107	5M-E	6 Cyl GEN, EUR	09/79-07/83			0,8	IW20 062120070304
2.8 i (MS123,125)		5M-GE (DOHC)	6 Cyl	08/83-09/85			0,8	IW20 062120070304
3.0 i (MS123,125)	140	6M-GE (DOHC)	6 Cyl	08/83-09/85			0,8	IW20 062120070304
3.0 i (MS125)	140	6M-GE (DOHC)	6 Cyl	09/85-08/87			0,8	IW20 062120070304

DYNA

200 - 2.7 i (RZU100)	107	3RZ-FE		03/97-08/99	K16R-U	062110480304	0,8	IK16 062120030304
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HARRIER (4x4)

2.2 i 16V (SXU)		5 S - FE	(J)	01/98→			1,1	IK20 062120040304
2.4 i 16V (ACU)		2AZ-FE	(J)	11/00→			1,1	IK20 062120040304
3.0 i V-6 24V (MCU)		1 MZ - FE	(J)	01/98→			1,1	IK20 062120040304

HILUX

1.6 (RN2#)		12R		05/72-09/73			0,8	IW20 062120070304
2.0 (RN22)		18R		09/75-01/77			0,8	IW20 062120070304
2.4 i (RZN168,173)		2R-ZFE		08/97→	K16R-U	062110480304	0,8	IK16 062120030304
2.7 i (RZN18#)	107	3RZ-FE		11/95 →	K16R-U	062110480304	0,8	IK16 062120030304

LAND CRUISER

3.4 (90) i V-6 24V (VZJ9#(Cobrado)	131	5VZ-FE (DOHC)		04/96 →	K16TR11	062110640304	1,1	IK16 062120030304
3.9 (FJ4#55)	114	F (6 Cyl)	Eng → F243297	03/69-10/70			0,8	IW20 062120070304
4.0 (80) i (FJ80)	115	3F-E (6 Cyl)	Cat	01/90-08/92	W16EXR-U11	062110620304	1,1	
4.0 (90/120) i V-6 24V (GRJ12#...J12#)	183	1GR-FE (DOHC VVT-i)		01/03 →	K20HR-U11	062110040304	1,1	
4.5 (80) i V-6 24V (FZJ80)	152	1FZ-FE (DOHC)		08/92-01/98	K16R-U	062110480304	0,8	IK16 062120030304

LITEACE

1.2 (KM10)		3K		05/71-08/72			0,8	IW20 062120070304
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MR 2

1.8 (W3) i 16V (ZZW30)	103	1ZZ-FE (DOHC VVT-i)		10/99→	K16R-U11	062110490304	1,1	IK16 062120030304
2.0 (W2) i 16V (SW20)		3S-FE (DOHC)		12/89-08/92			1,1	IK20 062120040304
2.0 (W2) i 16V (SW20)	115	3S-GE (DOHC)	W	12/89-12/91	K20R-U	062110100304	0,8	IK20 062120040304
2.0 (W2) i 16V (SW20)	125	3S-GE (DOHC)		06/96-08/99	K20R-U	062110100304	0,8	IK20 062120040304
2.2 (W2) i 16V (SW21)		5S-FE (DOHC)		01/90-01/92	K16R-U11	062110490304	1,1	IK16 062120030304

PASEO

1.5 i 16V (EL54)	66	5E-FE (EGR)		08/95→	K16TR11	062110640304	1,1	IK16 062120030304
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PICNIC

2.0 i 16V (SXM10)	94	3S-FE (DOHC)		09/96→			1,1	IK20 062120040304
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PREVIA									
2.4 i 16V (TCR11)	97	2TZ-FE (DOHC)	(Leaded fuel)	08/93 →	K16R-U	062110480304	0,8	IK16	062120030304
RAV 4 (Funcruiser)									
1.8 (2) i 16V (ZCA2#)	92	1ZZ-FE (DOHC VVT-i)		05/00 →	K16R-U11	062110490304	1,1	IK16	062120030304
2.0 (1) i 16V (SXA1#)	94	3S-FE (DOHC)		04/94-08/96			1,1	IK20	062120040304
2.0 (1) i 16V (SXA1#)	94	3S-FE (DOHC)	Europe	08/96-09/97			1,1	IK20	062120040304
2.0 (1) i 16V (SXA1#)	94	3S-FE (DOHC)		09/97-05/00			1,1	IK20	062120040304
SERA (Gullwing)									
1.5 i 16V (EXY10)	81	5E-FHE (DOHC)	(J)	03/90-11/95			1,1	IK20	062120040304
STARLET									
1.0 (2) (EP70)	40	1E-L		10/84-12/89			0,8	IW20	062120070304
1.0 (3) (EP80)	40	1E		12/89-12/92			0,8	IW20	062120070304
1.3 (2) 12V / i 12V (EP71)	55	2E#		10/84-05/87			1,1	IW20	062120070304
1.3 (2) 12V / i 12V (EP71)	55	2E#2E-C	(S)(CH)	05/87-08/87			1,1	IW20	062120070304
1.3 (2) 12V / i 12V (EP71)	55	2E#	(S)(CH)	08/87-12/89	W16EXR-U11	062110620304	1,1		
1.3 (2) 12V (EP71)	55	2E-L	(EUR)(D)	05/87-12/89	W16EXR-U11	062110620304	1,1		
1.3 (3) 12V (EP81)	55	2E		12/89-12/92	W16EXR-U11	062110620304	1,1		
1.3 (4) i 16V (EP91)	55	4E-FE		01/96-07/99	K16R-U	062110480304	0,8	IK16	062120030304
SUPRA									
2.8 i (MA61)		5M-GE (DOHC)		12/81-12/85			0,8	IW20	062120070304
3.0 i 24V (JZA80)	165	2JZ-GE (DOHC)		05/93-05/96	K20R-U	062110100304	0,8	IK20	062120040304
3.0 i 24V (JZA80)	165	2JZ-GE (DOHC)	NATO	09/97-08/98	PK16TR11	062110550304	1,1		
TERCEL									
1.5 (AL25)	50	3AC	Cat (D)(CH)(S)	05/86-01/88	W16EXR-U11	062110620304	1,1		
1.5 12V (EL31)		3E	LZGKBSK	08/86-08/87	W16EXR-U11	062110620304	1,1		
1.5 12V (EL31)		3E	(USA)	08/86-08/87	W16EXR-U11	062110620304	1,1		
1.5 12V (EL31)		3E		08/87-08/88	W16EXR-U11	062110620304	1,1		
1.5 .. / i 12V (EL31)		3E#		08/88-09/90	W16EXR-U11	062110620304	1,1		
1.5 i 12V (EL42)	58	3E-E		09/90-09/94	W16EXR-U11	062110620304	1,1		
1.5 i 16V (EL44)	66	5E-FE	(U.S.A.)	04/91-08/95	K16R-U11	062110490304	1,1	IK16	062120030304
1.5 i 16V (EL53)	66	5E-FE (EGR)		09/94→	K16TR11	062110640304	1,1	IK16	062120030304
TOYOACE									
1.6 (RY1#)		12R		09/71-09/73			0,8	IW20	062120070304
2.0 (RY1#)		5R		09/71-09/73			0,8	IW20	062120070304
YARIS (ECHO)									
1.0 i 16V (SCP10)	50	1SZ-FE (VVT-i) (S-Dis)	Japan production	01/99→	K16R-U	062110480304	0,8	IK16	062120030304
1.0 i 16V (SCP10)	50	1SZ-FE (VVT-i) (S-Dis)	France production	01/01→			1,0	IK20	062120040304
1.0 i 12V (KSP90)	51	1KR-FE (VVT-i)		08/05→	K20HR-U11	062110040304	1,1		
1.3 i 16V (NCP10 / NCD20, 22)	63	2NZ-FE (VVT-i) (S-Dis)		08/99→	K16R-U11	062110490304	1,1	IK16	062120030304
1.3 i 16V (SCP90)	64	2SZ-FE (VVT-i)		11/05→	K16R-U	062110480304	0,8	IK16	062120030304
1.5 i 16V (NCP13 / NCP21)	78	1NZ-FE (VVT-i) (S-Dis)	Std	01/01→	K16R-U	062110480304	0,8	IK16	062120030304
1.5 i 16V (NCP13)	110	1NZ-FE (VVT-i) Turbo		02 →			1,1	IK20	062120040304

DENSO



MAGNETI MARELLI



kw



Note



SHORT CODE



Gap

IRIDIUM POWER

SHORT CODE

TRABANT

601

1.1	29	VW / (4V05,9/7,5GRF)		'89-12/'91	W20EP-U	062110410304	0,8	IW20	062120070304
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TRIUMPH

2000

2.0	68			04/'75-12/'77	W16EPR-U	062110350304	0,6		
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2500

2.5	79			04/'74-12/'79	W16EPR-U	062110350304	0,6		
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ACCLAIM

1.3	51			10/'81-12/'84	W16EPR-U	062110350304	0,7		
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DOLOMITE

2.0 16V Sprint	95	OHC 16 Valve (Twin SU HS6 Carb.)		'73-'81	T20EP-U	062110330304	0,6		
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SPITFIRE

1.5	53			07/'75-12/'80	W16EPR-U	062110350304	0,6		
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STAG

3.0	108			06/'70-12/'77	W16EPR-U	062110350304	0,6		
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TVR

280i

2.8 i V-6	110	Ford EFi		'85→	W22EPR-U	062110430304	0,8		
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350i

3.5 i V-8	145	Rover EFi		'84→	W20EPR-U	062110390304	0,8	IW20	062120070304
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390 SE

3.9 i V-8	202	Rover EFi		'85-'88	W22EPR-U	062110430304	0,8		
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420 SEAC

4.2 i V-8	219	Rover EFi		'85-'88	W22EPR-U	062110430304	0,8		
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S

2.8 V-6	99	Ford		'87-'88	W22EPR-U	062110430304	0,8		
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2.9 i V-6	110	Ford EFi		'89→	Q22PR-U	062110280304	0,8		
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2.9 i V-6	125	Ford EFi	Cat	'90→	T20EPR-U	062110320304	1,0		
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CERBERA

4.0 i 24V	268	Speed Six (6-Cil 24V)		'00→			0,8	IXU24	062120080304
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4.0 i 24V	268	Speed Six (6-Cil 24V)	Iridiurpower	'00→	IXU24	062120080304	0,8	IXU24	062120080304
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4.2 APJ V 8	257-264	APJ8 (4185cc)		'95→	K20TXR	062110120304	0,7	IK20	062120040304
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4.5 APJ V-8	309	APJ8		'96→	K20TXR	062110120304	0,9	IK20	062120040304
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4.5 APJ V-8	309-324	APJ8		'96→	K20TXR	062110120304	0,9	IK20	062120040304
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TAMORA

3.6 i 24V	257-268	Speed Six (6-Cil 24V)		'99→	XU24EPR-U	062110470304	0,8	IXU24	062120080304
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TASMIN

2.8 V-6	99	Ford		'80-'84	W22EPR-U	062110430304	0,8		
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2.8 i V-6	110	Ford EFi		'84-'85	W22EPR-U	062110430304	0,8		
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TUSCAN

3.5 i V-8	145	Rover EFi		'89→	W20EPR-U	062110390304	0,8	IW20	062120070304
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3.6 i 24V	257-268	Speed Six (6-Cil 24V)		'98→			0,8	IXU24	062120080304
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3.6 i 24V	257-268	Speed Six (6-Cil 24V)	Iridiurpower	'98→	IXU24	062120080304	0,8	IXU24	062120080304
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4.0 i 24 V	265	Speed Six (6-Cil 24V)		98→			0,8	IXU24	062120080304
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		kW		Note			Gap	
						SHORT CODE		SHORT CODE

UNIMOG

TRUCK									
ALL 6,8 :1		(12,7ml/2)				W20FP-U	062110420304	0,9	
ALL 7,6 :1		(12,7ml/2)				W20FP-U	062110420304	0,9	

VAUXHALL

AGILA

1.0 i 12V	43	Z 10 XE / X 10 XE DOHC Ecotec	3 Cyl	08/00→	K20TXR	062110120304	1,0	IK16	062120030304
1.2 i 16V	55	Z 12 XE DOHC Ecotec		08/00→	K20TXR	062110120304	1,0	IK16	062120030304

ASTRA

1.3 S - / Estate	56	13 S OHC		02/82-08/84	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 S - / Estate	66-67	16 S OHC		02/82-08/84	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 GTE	82-85	18 SE OHC II		05/83-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304

ASTAR MkII

1.2	40	12 ST OHC		01/89-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	55	13 S OHC		09/84-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4	55	14 NV OHC (I)		'90-'91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6	60	16 S / SV OHC		09/84-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 GTE	95	20 SEH		09/86-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 GTE 16V	115	20 XEH DOHC II		05/88-08/91	Q20PR-U	062110250304	0,7	IK20	062120040304

ASTRA MkIII

1.4	55	14 NV OHC (I)		'91-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i	44-60	C 14 NZ / C 14 SE (OHC)		09/91-07/95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.4 i	44-60	C 14 NZ / C 14 SE (OHC)		08/95-98	K20TXR	062110120304	0,9	IK20	062120040304
1.4 i 16V	66	X 14 XE		02/96-09/98	K20TXR	062110120304	1,0	IK16	062120030304
1.6 i	55	E 16 NZ OHC		09/91-98	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55	C 16 NZ / C 16 NZ2		09/91-07/95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.6 i	55	C 16 NZ / C 16 NZ2		08/95-98	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i	74	C 16 SE		09/91-98	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 i	52	X 16 SZ		'92-03/94	W20EPR-U	062110390304	0,8	IW20	062120070304
1.6 i	52-55	X 16 SZ / X 16 SZR		04/94-98	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	74	X 16 XEL		09/94-98	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i	66	C 18 NZ OHC II		09/91-93	W16EPR-U	062110350304	0,7	IW20	062120070304
1.8 i 16V	85	C 18 XEL DOHC		'94-'98	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	92	C 18 XE DOHC II		'94-'98	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i	85	C 20 NE OHC (II)		09/91-06/95	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i	85	C 20 NE OHC (II)		07/95-98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V	110	C 20 XE DOHC		09/91-08/92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V	110	20 XE / C 20 XE DOHC		09/91-08/92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V	110	20 XE / C 20 XE DOHC		09/92-98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V	110	X 20 XEV		'94-'98	K20TXR	062110120304	0,8	IK20	062120040304

ASTRA MkIV

1.2 i 16V	48	X 12 XE / Z 12 XE Ecotec		02/98→	K20TXR	062110120304	1,0	IK16	062120030304
1.4 i 16V	66	X 14 XE / Z 14 XE Ecotec		02/98→	K20TXR	062110120304	1,0	IK16	062120030304
1.6 i 16V	74	X 16 XEL / Z 16 XE Ecotec		02/98→	K20TXR	062110120304	1,0	IK16	062120030304
1.6 i	55-62	X 16 SZR / Z 16 SE		02/98→	K20TXR	062110120304	0,8	IK16	062120030304
1.8 i 16V	84-92	X 18 XE(I) / Z 18 XE(L) Ecotec		02/98→	K20TXR	062110120304	1,0	IK16	062120030304
2.0 i 16V	100	X 20 XEV Ecotec		02/98→	K20TXR	062110120304	0,9	IK20	062120040304





kW

Note


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VAUXHALL
ASTRA MkIV

2.0 i 16V OPC	118	X 20 XER		10/99→	K20TXR	062110120304	1,0	IK20	062120040304
2.0 i 16V Turbo	140	Z 20 LET DOHC Turbo		12/00→	K20TXR	062110120304	1,0	IK20	062120040304
2.2 i 16V	108	Z 22 SE Ecotec		09/00→	ITV16	062120060304	1,1	ITV16	062120060304

ASTRA MkV

1.4 i 16V	66	Z 14 XEL, XEP		03/04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.6 i 16V	77	Z 16 XEP		03/04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.8 i 16V	92	Z 18 XE		03/04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
2.0 i 16V Turbo	125	Z 20 LEL		03/04→			0,8	IK16	062120030304
2.0 i 16V Turbo	147	Z 20 LER		09/04→			0,8	IK16	062120030304

BELMONT (ASTRA SEDAN)

1.3	56	13 S OHC		09/85-91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6	66	16 S, SV OHC		09/85-91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	85	18 E OHC		09/85-91	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	85	18 SE OHC II		09/85-91	W20EPR-U	062110390304	0,7	IW20	062120070304

BRAVA

2.3	66	4ZD1	Carb.	'90-93	W20EPR-U11	062110400304	1,1	IW20	062120070304
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CALIBRA

2.0 i - / 4x4	85	C 20 NE	Hex ≅16m	'90-'98	K20TXR	062110120304	0,8	IK16	062120030304
2.0 i - / 4x4	85	C 20 NE	Hex ≅18m	03/90-'98	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i 16V	110	C 20 XE		03/90-08/91	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V	110	C 20 XE		09/91-08/92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V	110	C 20 XE		09/92-'98	K20TXR	062110120304	0,8	IK20	062120040304
2.0 i 16V Turbo	150	C 20 LET DOHC		'92-'98	K20R-U	062110100304	0,8		
2.5 i V-6	125	C 25 XE DOHC		'92-'98	K20TXR	062110120304	0,8	IK20	062120040304

CARLTON

1.8	65	18 SV OHC II		'82-'94	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	85	18 SEH OHC II		09/86-'94	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 S	66	18 S OHC		12/82-08/86	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i	90	20 SE OHC II		09/86-'94	W20EPR-U	062110390304	0,7	IW20	062120070304
3.0 GSi 3000	150	C 30 SE DOHC		01/90-'94	K20TXR	062110120304	0,8	IK20	062120040304
3.6 i 24V	277	C 36 CET		08/90-09/92	Q20PR-U	062110250304	0,8	IK20	062120040304

CAVALIER

1.3	42-44	13..		08/77-08/81	W20EPR-U11	062110400304	1,0	IW20	062120070304
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CAVALIER MkII

1.3 S	55-56	13 S OHC		09/81-08/88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 S	66-67	16 S OHC/16 SH OHC		09/81-08/88	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8 i	82	18 E OHC/18 SE OHC		09/81-08/88	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i	95	20 SEH OHC II		03/87-08/88	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i	85-86	20NE / 20NE OHC II / C 20 NE OHC II		09/86-08/88	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i	85-86	20NE / 20NE OHC II / C 20 NE OHC II		09/88-'95	W16EPR-U	062110350304	0,7	IW20	062120070304

CAVALIER MkIII

1.4	55	14 NV OHC		09/88-'95	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	55	C 16 NZ OHC		'88-'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.6 i	55	E 16 NZ / E 16 NZ2		'88-'95	W16EPR-U	062110350304	0,7	IW20	062120070304
1.6	60	16 SV OHC		09/88-'95	W20EPR-U	062110390304	0,7	IW20	062120070304
1.8	66	C 18 NZ OHC		09/88-'95	W16EPR-U	062110350304	0,7	IW20	062120070304



kW



Note

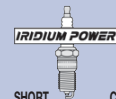


SHORT



CODE

Gap



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VAUXHALL

CAVALIER MkIII

1.8	66	18 SV		09/88-95	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 i 4x4	95	20 SEH II		09/88-93	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 SRi	95	20 SEH OHC II		09/88-95	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 SRi 16V	100	X 20 XEV		09/93-11/95	K20TXR	062110120304	0,8	IK16	062120030304
2.0 i 16V - / 4x4	110	C 20 XE DOHC		09/88-08/91	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V - / 4x4	110	C 20 XE DOHC		09/91-08/92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 i 16V - / 4x4	110	C 20 XE DOHC		09/92-95	K20TXR	062110120304	0,8	IK20	062120040304
2.0 GSi	115	20 XE DOHC		09/88-08/91	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 GSi	115	20 XE DOHC		09/91-08/92	Q20PR-U	062110250304	0,7	IK20	062120040304
2.0 GSi	115	20 XE DOHC		09/92-95	K20TXR	062110120304	0,8	IK20	062120040304
2.5 i V-6	125	C 25 XE		02/93-11/95	K20TXR	062110120304	0,8	IK20	062120040304

CHEVANNE

1.3	39	OHV		10/80-12/85	W20EPR-U	062110390304	0,7	IW20	062120070304
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CHEVETTE

1.3 E / GL / L	42	OHV		10/75/12/85	W20EPR-U11	062110400304	1,0	IW20	062120070304
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COMBO

1.2	33	C 12 NZ / X 12 SZ		07/94-10/01	W16EPR-U	062110350304	0,7	IW20	062120070304
1.4	44	C 14 NZ / X 14 SZ		07/94-10/01	W16EPR-U	062110350304	0,7	IW20	062120070304
1.4	60	C 14 SE		07/94-10/01	W16EPR-U	062110350304	0,7	IW20	062120070304
1.4 i 16V	66	Z 14 XEP		01/04→	KJ16CR-L11	062110150304	0,9	IK16	062120030304
1.6 i	64	Z 16 SE		10/01→	K20TXR	062110120304	1,0	IK16	062120030304

CORSA

1.0 i 12V	40	X 10 XE DOHC Ecotec	3 Cyl	02/97-01	K20TXR	062110120304	1,0	IK16	062120030304
1.2 i	33	C 12 NZ OHC		04/93-01	W20EPR-U	062110390304	0,7	IW20	062120070304
1.2 i	33	X 12 SZ		08/95-01	K20TXR	062110120304	0,8	IK20	062120040304
1.2 i 16V	48	X 12 XE DOHC Ecotec		09/97-01	K20TXR	062110120304	1,0	IK20	062120040304
1.4 i	44	C 14 NZ OHC		04/93-01	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i Si	60	C 14 SE OHC		04/93-01	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4 i	40-44	X 14 SZ		'95-01	K20TXR	062110120304	0,8	IK20	062120040304
1.4 i 16V .. / Sport	66	X 14 XE Ecotec		09/94-01	K20TXR	062110120304	0,8	IK20	062120040304
1.6 i 16V	80	C 16 XE DOHC I		04/93-01	K20TXR	062110120304	0,8	IK20	062120040304
1.6 i 16V .. / GSi / Sport	78	X 16 XE Ecotec		11/94-01	K20TXR	062110120304	0,8	IK20	062120040304

CORSA MkII

1.0 i 12V	43	X 10 XE / Z 10 XE DOHC Ecotec	3 Cyl	08/00-08/03	K20TXR	062110120304	1,0	IK16	062120030304
1.0 i 12V	44	Z 10 XEP Twinport ECO	3 Cyl	09/03→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.2 i 16V	55	Z 12 XE DOHC Ecotec		08/00→	K20TXR	062110120304	1,0	IK16	062120030304
1.2 i 16V Twinport	59	Z 12 XEP		07/04→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.4 i 16V	66	X 14 XE / Z 14 XE DOHC Ecotec		09/00→	K20TXR	062110120304	1,0	IK20	062120040304
1.8 i 16V GSi	92	X 18 XE / Z 18 XE		03/01→	K20TXR	062110120304	1,0	IK20	062120040304

FRONTERA

2.0 i	85	C 20 NE OHC II		'91→	W16EPR-U	062110350304	0,7	IW20	062120070304
2.0 i	85	X 20 SE		'95→	K20TXR	062110120304	0,8	IK20	062120040304
2.2 i 16V	100	X 22 XE		03/95→	K20TXR	062110120304	0,8	IK20	062120040304

DENSO



MAGNETI MARELLI


kW

Note


SHORT CODE



Gap

IRIDIUM POWER

SHORT CODE

VAUXHALL

Model	kW	Engine	Note	Year	Denso Part	Denso Code	Gap	Marelli Part	Marelli Code
FRONTERA MkII									
2.2 i 16V	100	X 22 E, Y 22 E		07/98→	K20TXR	062110120304	1,0	IK20	062120040304
3.2 i V-6 24V	151	6V D1 (V-6, DOHC)		07/98→			1,1	IK16	062120030304
HA									
1.3 VAN	32	OHV		10/80-12/85	W20EPR-U	062110390304	0,7	IW20	062120070304
MERIVA									
1.4 i 16V Twinport	66	Z 14 XEP		07/04→	KJ16CR-L11	062110150304	1,1	IK16	062120030304
1.6 i	64	Z 16 SE		05/03→	K20TXR	062110120304	1,0	IK16	062120030304
1.6 i 16V	74	Z 16 XE		05/03→	K20TXR	062110120304	1,0	IK16	062120030304
1.8 i 16V	92	Z 18 XE		05/03→	K20TXR	062110120304	1,0	IK16	062120030304
MIDI MkII									
1.8	56	4ZB1	Carb.	'90-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0	60	4ZC1	Carb.	'88-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
MONTEREY MkII									
3.2 i 24V	130	6VDI 24V (Isuzu)	Cat	06/92→	K20PR-U11	062110080304	1,1	IK20	062120040304
NOVA									
1.2	40	12 S OHC		05/83-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.3	51	13 S / SB OHC		05/83-93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.4	56	14 NV OHC		01/90-'93	W20EPR-U	062110390304	0,7	IW20	062120070304
1.6 i	74	E 16 SE OHC I		05/88-93	W20EPR-U	062110390304	0,7	IW20	062120070304
OMEGA									
2.0 i	85	20 SE OHC II		01/94-'03	W20EPR-U	062110390304	0,9	IW20	062120070304
2.0 i 16V	85	X 20 SE OHC II		01/94-'03	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	100	X 20 XEV		01/94-'03	K20TXR	062110120304	0,9	IK20	062120040304
2.2 i 16V	106	Y 22 XE, Z 22 XE Ecotec		09/99-'03	K20TXR	062110120304	1,0	IK16	062120030304
2.5 i V-6 24V	125	X 25 XE		01/94-'03	K20TXR	062110120304	0,9	IK20	062120040304
2.6 i V-6 24V	132	Y 26 SE (DOHC)		09/00-'03	K20PBR-S10	062110060304	1,0	IK20	062120040304
3.0 i V-6 24V	155	X 30 XE		01/94-'03	K20TXR	062110120304	0,9	IK20	062120040304
3.2 i V-6 24V	160	Y 32 SE (DOHC)		06/00-'03	K20PBR-S10	062110060304	1,0	IK20	062120040304
LOTUS CARLTON									
3.6 24V Twin Turbo	265-281	C 36 GET DOHC		'90-'94	K20PR-ZU11	062110090304	0,8		
RASCAL									
1.0	33	F 10 A	Carb.	'86-'94	W20EPR-U	062110390304	0,7	IW20	062120070304
SENATOR MkII									
3.0 i	150	C 30 SE DOHC		09/89-08/93	K20TXR	062110120304	0,8	IK20	062120040304
SIGNUM									
1.8 i 16V	90	Z 18 XE Ecotec		05/03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
2.0 i 16V Turbo	129	Z 20 NET Turbo Ecotec		05/03→	PK20PR11	062110180304	1,0	IK20	062120040304
2.2 i 16V	114	Y 22 XE, Z 22 XE Ecotec		'03→	ITV16	062120060304	1,1	ITV16	062120060304
2.2 i 16V	114	Y 22 XE, Z 22 XE Ecotec		'03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
2.2 i 16V Direct	114	Z 22 YH Direct Ecotec		05/03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
3.2 i V-6 24V Turbo	155	Z 32 SE Ecotec		05/03→	K20PBR-S10	062110060304	1,0	IK16	062120030304
SINTRA									
2.2 i 16V	104	X 22 XE		'96-'00	K20TXR	062110120304	0,8	IK20	062120040304
3.0 i V-6	148	X 30 XE		'96-'00	K20TXR	062110120304	0,8	IK20	062120040304



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2.0 i 16V Turbo	147	Z 20 LET Turbo Ecotech		04/'03→	K20TXR	062110120304	1,0	IK20	062120040304
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TIGRA

1.4 i	66	X 14 XE		'94→	K20TXR	062110120304	0,8	IK20	062120040304
1.4 i 16V TwinTop	66	Z 14 XEP		06.04-	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.6 i	78	X 16 XE		'94→	K20TXR	062110120304	0,8	IK20	062120040304
1.8 i 16V TwinTop	92	Z 18 XE		06.04-	KJ16CR-L11	062110150304	1,0	IK16	062120030304

VECTRA

1.6 i 16V	55	16 LZ2 / X 16 SZR		10/'95-05/'02	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	74	X 16 XEL		10/'95-05/'02	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	85	X 18 XE		10/'95-05/'02	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i 16V	100	X 20 XEV		10/'95-05/'02	K20TXR	062110120304	0,9	IK20	062120040304
2.5 i V-6 24V	125	X 25 XE		10/'95-05/'02	K20TXR	062110120304	0,9	IK20	062120040304

VECTRA MkII

1.6 i 16V	74	Z 16 XE Ecotec		03/'02→	K20TXR	062110120304	1,0	IK16	062120030304
1.8 i 16V	90	Z 18 XE, Z 18 XEL Ecotec		03/'02→	K20TXR	062110120304	1,0	IK16	062120030304
2.0 i 16V Turbo	129	Ecotec Turbo		03/'02→	K20TXR	062110120304	1,0	IK20	062120040304
2.2 i 16V	108	Z 22 SE Ecotec		03/'02→	ITV16	062120060304	1,1	ITV16	062120060304
2.2 i 16V (Direct Injection)	110	Z 22 YH Ecotec Direct Injection		10/'03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
3.0 i V-6 24V 3000 SUPERTOURING	196	Ecotec		10/'97→	K20TXR	062110120304	0,9	IK20	062120040304
3.2 i V-6 24V GTS	155	Z 32 SE (DOHC V-6)		08/'02→	K20PBR-S10	062110060304	1,0	IK20	062120040304

VIVARO

2.0 i 16V	88	20P - F4R - 720		03/'01→	K20PR-U	062110070304	0,9	IK20	062120040304
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ZAFIRA

1.6 i 16V	74	X 16 XE / Z 16 XE(L) DOHC Ecotec		03/'99-06/'05	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	77	Z 16 XEP DOHC Ecotec		07/'05→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
1.8 i 16V	85	X 18 XE / Z 18 XE DOHC Ecotec		03/'99-06/'05	K20TXR	062110120304	0,9	IK20	062120040304
1.8 i 16V	103	Z 18 XEP DOHC Ecotec		07/'05→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
2.0 i 16V OPC	141	Z 20 LET Turbo Ecotech		09/'01-06/'05	K20TXR	062110120304	1,0	IK20	062120040304
2.0 i 16V GSI Turbo	141	Z 20 LET Turbo Ecotech		09/'01-06/'05	K20TXR	062110120304	1,0	IK20	062120040304
2.0 i 16V Turbo	147	Z 20 LER Turbo Ecotec		07/'05→	KJ16CR-L11	062110150304	1,0	IK16	062120030304
2.2 i 16V	108	Z 22 SE Ecotec		09/'00-06/'05	ITV16	062120060304	1,1	ITV16	062120060304
2.2 i 16V	110	Z 22 YH Ecotec		07/'05→	K20PBR-S10	062110060304	1,0	IK16	062120030304

VX 220

2.0 i 16V Turbo	147	Z 20 LET Turbo Ecotech		04/'03→	K20TXR	062110120304	1,0	IK20	062120040304
2.2 i 16V	108	Z 22 SE		08/'00→	ITV16	062120060304	1,1		

VOLGA

GAZ

2.5 3102							0,8	IW20	062120070304
3.4 3105	125	V-8		'92→	W20EPR-U	062110390304	0,7	IW20	062120070304
AlModels					W20FP-U	062110420304	0,9		

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66

1.1	33	B 11		08/75-08/78	W20FP-U	062110420304	0,6	
1.3	42	B 13 / B 130		'75-08/78	W20FP-U	062110420304	0,6	

240

1.8	66	B 17 A		11/78-07/88	W20EP-U	062110410304	0,7	IW20 062120070304
2.0	66-74	B 19 A / B 19 K		09/76-07/84	W20EP-U	062110410304	0,7	IW20 062120070304
2.0	72-85	B 200 K		08/84-07/89	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Inj	86	B 19 E		09/76-07/84	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Inj	86	B 200 E		08/84-07/87	W20EP-U	062110410304	0,7	IW20 062120070304
2.0 Inj	86	B 200 E		08/87-07/92	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Inj	77-82	B 200 F	Cat	04/91-08/93	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Inj Turbo	107	B 19 ET		08/81-07/84	W20EP-U	062110410304	0,7	IW20 062120070304
2.1	74-80	B 21 A		08/74-07/84	W20EP-U	062110410304	0,7	IW20 062120070304
2.1 Inj	90	B 21 E		08/74-07/82	W20EP-U	062110410304	0,7	IW20 062120070304
2.1 Inj Turbo	114	B 21 ET		08/80-07/86	W20EP-U	062110410304	0,7	IW20 062120070304
2.3	78-82	B 23 A		08/80-07/88	W20EP-U	062110410304	0,7	IW20 062120070304
2.3	78-85	B 230 A / B 230 K		08/80-07/88	W20EP-U	062110410304	0,7	IW20 062120070304
2.3 GL	85	B 230 K		07/88-07/91	W20EP-U	062110410304	0,7	IW20 062120070304
2.3 GLT	85	B 230 F	Cat	08/84-07/88	W20EPR-U	062110390304	0,7	IW20 062120070304
2.3 GLT	84	B 230 F	Cat	08/88-08/93	W20EPR-U	062110390304	0,7	IW20 062120070304
2.3 Inj ... / 242 GT	91-103	B 23 E / B 230 E		03/79-07/87	W20EP-U	062110410304	0,7	IW20 062120070304
2.3 Inj ... / GLT	96	B 230 E		07/88-07/91	W20EPR-U	062110390304	0,7	IW20 062120070304
2.3 Inj	85	B 230 FD	Cat	08/92-08/93	W20EPR-U	062110390304	0,7	IW20 062120070304
2.8 Inj	114	B 28 E		08/80-07/84	T20EPR-U	062110320304	0,6	

260

2.3	78-82	B 23 A		08/81-07/82	W20EP-U	062110410304	0,7	IW20 062120070304
2.7 Inj Coupe	140	B 27 E	V-6	03/77-07/80	T20EPR-U	062110320304	0,6	
2.7 Inj	140	B 27 E	V-6	08/74-07/80	T20EPR-U	062110320304	0,6	
2.8 ... / Coupe	95	B 28 A	V-6	08/79-07/82	T20EPR-U	062110320304	0,6	
2.8 Inj Coupe (262)	114	B 28 E	V-6	08/80-07/82	T20EPR-U	062110320304	0,6	
2.8 Inj	114	B 28 E	V-6	08/80-07/84	T20EPR-U	062110320304	0,6	

340

1.3 Ch. Nr → 240999	49	(Renaut) B 13	(SF)	08/79-07/91	W16EP-U	062110360304	0,7	
1.3 Ch. Nr 241000 →	49	B 13 4E	(SF)	'89-07/91			0,8	IW20 062120070304
1.4	47-53	(Renaut) B 14		08/79-07/84	W20EP-U	062110410304	0,7	IW20 062120070304
1.4	47-53	(Renaut) B 14 (E/S)		08/84-07/91	W20EPR-U	062110390304	0,7	IW20 062120070304
1.4	47-53	(Ren.) B 14 4E/40/4S/4ED	Cat	08/86-07/91			0,8	IW20 062120070304
1.7 Ch. Nr → 240999	61	(Renaut) B 172 K		07/85-08/86	W20EPR-U	062110390304	0,7	IW20 062120070304
1.7 Ch. Nr 241000 →	61	(Renaut) B 172 K (9.51)		09/86-07/91			0,8	IW20 062120070304
2.0	65-68	B 19 A		08/79-07/84	W20EP-U	062110410304	0,7	IW20 062120070304
2.0	72-76	B 200 K		08/84-07/86	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Inj	86	B 200 E		08/84-07/88	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Sport	90	B 19 A		10/81-07/84	W20EP-U	062110410304	0,7	IW20 062120070304

360

2.0	65-70	B 19 A		08/82-07/84	W20EP-U	062110410304	0,7	IW20 062120070304
2.0 Inj	83-86	B 19 E		08/82-07/84	W20EPR-U	062110390304	0,7	IW20 062120070304
2.0 Inj	80-86	B 200 F	Cat	08/84-07/90	W20EPR-U	062110390304	0,7	IW20 062120070304



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2.0 Inj	82-86	B 200 E			08/84-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0	72-76	B 200 K			08/84-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304

440

1.6 Inj	61-69	B 16 F (Mpi)	Cat (SF)		09/88 →			0,8	IW20	062120070304
1.7 DL / GL	59	B 18 K			09/89 →			0,8	IW20	062120070304
1.7 DL / GL	57	B 18 KD	Cat		09/89 →			0,8	IW20	062120070304
1.7 DL / GL	64-66	B 18 KP / B 18 KP/D	W/W Cat		09/88 →			0,8	IW20	062120070304
1.7 i GLE / GLT	70-75	B 18 F	Cat		09/88 →			0,8	IW20	062120070304
1.7 ES	75	B 18 FP (Mpi)	Cat		09/89 →			0,8	IW20	062120070304
1.7 i GLE / GLT	78-80	B 18 EP			09/88 →			0,8	IW20	062120070304
1.8 i GLE / GLT	66	B 18 U (103) (Spi)	Cat		09/91 →			0,8	IW20	062120070304

460

1.6 Inj	61-69	B 16 F	Cat (SF)		03/90 →			0,8	IW20	062120070304
1.7	64-66	B 18 KP	W/W Cat		03/90 →			0,8	IW20	062120070304
1.7 GL / GLE	75	B 18 FP	Cat		03/90 →			0,8	IW20	062120070304
1.7 Inj	78	B 18 EP			03/90 →			0,8	IW20	062120070304
1.8 Inj	66	B 18 U (Spi)	Cat		09/91 →			0,8	IW20	062120070304

480

1.7 ES	70-75	B 18 F	Cat		05/87-08/89			0,8	IW20	062120070304
1.7 ES	75	B 18 FP	Cat		08/89 →			0,8	IW20	062120070304

740

2.0 Inj	86-88	B 19 E / B 200 E			08/83-07/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 GL	76	B 200 K			08/84-07/89	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj 16	103	B 204 E	(I)		08/88-07/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj	80-82	B 200 F	Cat		08/89-07/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj	80-82	B 200 G			08/91-08/94	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj Turbo	110	B 19 ET			04/84-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 Inj Turbo	120	B 200 ET			08/84-08/86	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 Inj Turbo	120	B 200 ET			08/86-07/89	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj 16 Turbo intercooler	136	B 204 GT	(I)		08/89-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj 16 Turbo intercooler	140	B 204 FT	Cat (I)		01/90-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj Turbo	105-114	B 200 FT	Cat		08/90-07/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 .. / Inj GLE	96	B 230 E			08/83-07/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 GL / GLE	80-86	B 230 A / B 230 K			08/84-07/86	W20EP-U	062110410304	0,7	IW20	062120070304
2.3 GL / GLE	80-86	B 230 A / B 230 K			08/86-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 GL / GLE	86	B 230 K			08/86-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 GL	85	B 230 F	Cat		08/88-08/94	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj	85	B 230 F	Cat (S)		08/88 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj	96	B 230 F / .. FB	Cat		08/90-07/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj	94	B 230 G			08/91 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj GLT 16V	111-117	B 234 F	Cat		04/88-07/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj 16	114	B 234 G			08/90-08/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Turbo	130	B 230 ET			08/84-07/86	W20EP-U	062110410304	0,7	IW20	062120070304
2.3 Inj Turbo	130-134	B 230 ET	+ (S)		08/86-07/89	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo	120	B 230 GT			08/89-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo intercooler	114-121	B 230 FT	Cat		08/89-07/91	W20EPR-U	062110390304	0,7	IW20	062120070304

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760									
2.0 Inj Turbo	120	B 200 ET		08/84-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 Inj Turbo	120	B 200 ET		08/87-07/89	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj 16 Turbo intercooler	136	B 204 GT	(I)	01/90-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj 16 Turbo intercooler	140	B 204 FT	Cat (I)	01/90-07/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo	127	B 23 ET		08/82-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
2.3 Inj Turbo	114-119	B 230 FT	Cat	08/84-07/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo	120	B 230 GT	Cat (F) (I)	08/89-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo intercooler	134	B 230 ET		08/84-07/89	W20EPR-U	062110390304	0,7	IW20	062120070304
2.8	95-96	B 28 A		08/82-07/86	T20EPR-U	062110320304	0,6		
2.8 GLE	100-115	B 28 E		02/82-08/91	T20EPR-U	062110320304	0,6		
2.8 GLE	100-115	B 28 F / B 280 F	Cat	02/82-08/91	T20EPR-U	062110320304	0,6		
2.8 GLE	108-125	B 280 E	(DK,N,S,SF)	05/86-07/91	T20EPR-U	062110320304	0,6		
2.8 inj GLE	115-125	B 280 E		05/86-07/91	T22EP-U	062110340304	0,6		
780									
2.0 Inj Turbo	120	B 200 ET		01/86-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 Inj Turbo	120	B 200 ET		08/87-07/89	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj 16 Turbo intercooler	136	B 204 GT		08/89-07/90	W20EPR-U	062110390304	0,7	IW20	062120070304
2.8 Bertone	108-125	B 280 E		05/86-07/91	T22EP-U	062110340304	0,6		
2.8 Bertone	108-125	B 280 E	(DK,N,S,SF)	05/86-07/91	T20EPR-U	062110320304	0,6		
2.8 Bertone	110	B 280 F	Cat	05/86-07/91	T20EPR-U	062110320304	0,6		
850									
2.0 i (10V)	92	B 5202 S	Single electrode	09/94-01/97	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 i (10V)	92	B 5202 S	Double electrode	09/94-01/97	K20TXR	062110120304	0,9	IK20	062120040304
2.0 GLT (20V)	96	B 5204 F	Single electrode	04/92-01/97	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 GLT (20V)	96	B 5204 F	Double electrode	04/92-01/97	K20TXR	062110120304	0,9	IK20	062120040304
2.0 i (20V)	105	B 5204 S	Single electrode	06/91-01/97	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 i (20V)	105	B 5204 S	Double electrode	06/91-01/97	K20TXR	062110120304	0,9	IK20	062120040304
2.0 Inj Turbo (20V)	150	B 5204 FT (Turbo)		09/93-01/97	K22PR-ZU	062110140304	0,8		
2.3 T (20V)	142	B 5254 T (Low pressure Turbo)		'95-01/97	K22PR-ZU	062110140304	0,8		
2.3 T-5 (20V)	166	B 5234 T (F) (Turbo)		09/93-01/97	K22PR-ZU	062110140304	0,8		
2.3 T-5 R (20V)	177	B 5234 T5 (F) (Turbo) (Auto. box)		09/94-01/97	K22PR-ZU	062110140304	0,8		
2.3 R	184	B 5234 T4 (Turbo) (Man. box)		'95-01/97	K22PR-ZU	062110140304	0,8		
2.5 i GLE	103-106	B 5252 F / B 5252 S	Single electrode	09/92-01/97	K20PR-U	062110070304	0,9	IK20	062120040304
2.5 i GLE	103-106	B 5252 F / B 5252 S	Double electrode	09/92-01/97	K20TXR	062110120304	0,9	IK20	062120040304
2.5 GLT (20V)	125	B 5254 F / B 5254 S	Single electrode	09/91-01/97	K20PR-U	062110070304	0,9	IK20	062120040304
2.5 GLT (20V)	125	B 5254 F / B 5254 S	Double electrode	09/91-01/97	K20TXR	062110120304	0,9	IK20	062120040304
940									
2.0 GLE 16V	100-103	B 204 E	(I)	09/90-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj	88	B 200 E		09/90-08/91	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj	80	B 200 G		09/91-08/93	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Inj	82	B 200 F	Cat	01/92 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.0 Turbo	105-114	B 200 FT	Cat	01/91 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 GLT 16V	114	B 234 F	Cat	09/90-09/94	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 GLT 16V	114	B 234 G		09/90-08/92	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 GL / GLE	96	B 230 F / .. B	Cat	09/91 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj	96	B 230 G		09/91 →	W20EPR-U	062110390304	0,7	IW20	062120070304



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2.3 Inj	84	B 230 F	Cat (S)	09/92 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Turbo	121	B 230 FT	Cat	09/90 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj LPT	99	B 230 FK (Low press.Turbo)	Cat	'95 →	W20EPR-U	062110390304	0,7	IW20	062120070304

960

2.0 Inj 16 Turbo intercooler	140	B 204 FT	Cat	09/90 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo intercooler	121	B 230 FT	Cat	09/91 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo intercooler	121	B 230 FT	Cat (S)	03/93 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.3 Inj Turbo intercooler	125	B 230 GT / -GK		09/91 →	W20EPR-U	062110390304	0,7	IW20	062120070304
2.5 Inj 24V	125	B 6254 F / -S / -G	Cat	08/94 →	Q20PR-U	062110250304	0,7	IK20	062120040304
2.8 Inj	110	B 280 F	Cat	09/90-08/91	T20EPR-U	062110320304	0,6		
2.8 Inj	125	B 280 E		09/90-08/91	T20EPR-U	062110320304	0,6		
3.0 Inj	135-150	B 6304 G		09/91 →	Q20PR-U	062110250304	0,7	IK20	062120040304
3.0 Inj 24V	150	B 6304 F	Cat	09/90 →	Q20PR-U	062110250304	0,7	IK20	062120040304
3.0 Inj 24V	150-170	B 6304 S / B6304 G	Cat	08/95 →	K20TXR	062110120304	0,9	IK20	062120040304

AMAZON

1.8 P120 / PV544		B 18 A / B 18 D		→'68	W20FP-U	062110420304	0,7		
1.8 121 / 122/S		B 18 A / B 18 D		→'68	W20FP-U	062110420304	0,7		
1.8 131 / 132S		B 18 A / B 18 D		→'68	W20FP-U	062110420304	0,7		

C

2.0 202		B 20 A		01/77-12/91	W20FP-U	062110420304	0,7		
3.0 303 / 304 / 306	117	B 30 A		10/74-12/91	W20FP-U	062110420304	0,7		

C 30

1.6 i 16V	74	B4164 S3		10/06 →	T16VR-U10	062110310304	1,3	ITV16	062120060304
2.0 i 16V	107	B4204 S3		10/06 →	K20TXR	062110120304	0,9	IK20	062120040304
2.4 i 20V	125	B5244 S4		10/06 →	K20HR-U11	062110040304	1,1		

C 70

2.0 T (20V)	120-166	B 5204 T2 / T3 / T4 (Turbo)	Turbo	03/97 →	PK20PR-P8	062110190304	0,8		
2.3 T-5 (20V)	176	B 5234 FT /-T3 (Turbo)	Turbo	03/97 →	PK20PR-P8	062110190304	0,8		
2.4 i 20V	103	B 5244 S5		03/06 →	K20HR-U11	062110040304	1,1		
2.4 i 20V	125	B 5244 S4		03/06 →	K20HR-U11	062110040304	1,1		
2.5 i (20V)	142	B 5254 S	Sing electrode	03/97 →	K20PR-U	062110070304	0,9	IK20	062120040304
2.5 i (20V)	142	B 5254 S	Double electrode	03/97 →	K20TXR	062110120304	0,9	IK20	062120040304
2.5 i T (20V)	142	B 5254 T (Turbo)	Turbo	03/97 →	PK20PR-P8	062110190304	0,8	IK20	062120040304

PV

1.8 544	50-63	B 18 A / B 18 D		'62-'68	W20FP-U	062110420304	0,7		
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S 40

1.6 16V	77-80	B 4164 S /-S2 (F)		06/97 →	K20TXR	062110120304	0,9	IK20	062120040304
1.6 i 16V	74	B 4164 S3		01/05 →	T16VR-U10	062110310304	1,3	ITV16	062120060304
1.8 16V	85-92	B 4184 S /-S2		03/96 →	K20TXR	062110120304	0,9	IK20	062120040304
1.9 T-4	147	B4194 FT (Turbo)	Turbo	06/97-09/00	PK20PR-P8	062110190304	0,8		
2.0 16V	100-103	B 4204 S /-S2 (N7Q-700)		03/96 →	K20TXR	062110120304	0,9	IK20	062120040304
2.0 16V T (LPT)	118-121	B 4204 T /-T3 (Turbo) (CVVT)	Turbo	10/97 →	PK20PR-P8	062110190304	0,8		
2.0 16V T4 (HPT)	147	B 4204 T5 (Turbo) (CVVT)	Turbo	07/00 →	PK20PR-P8	062110190304	0,8		
2.4 i 20V	103	B 5244 S5		01/04 →	K20HR-U11	062110040304	1,1		
2.4 i 20V	125	B 5244 S4		01/04 →	K20HR-U11	062110040304	1,1		

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S 60										
2.0 20V T	132	B 5204 T5 (Turbo) (VVT)	Turbo	10/00→	PK20PR-P8	062110190304	0,8			
2.3 20V T-5	184	B 5234 T3	Turbo	10/00→	PK20PR-P8	062110190304	0,8			
2.4 20V	103	B 5244 S2 (CVVT)		10/00→	K20TXR	062110120304	0,8	IK20	062120040304	
2.4 Bi-Fuel	103	B 5244 SG		06/02→	K20TXR	062110120304	0,9	IK20	062120040304	
2.4 20V	125	B 5244 S (CVVT)		10/00→	K20TXR	062110120304	0,8	IK20	062120040304	
2.4 20V T	147	B 5244 T3 /-T5 (CVVT)	Turbo	10/00→	PK20PR-P8	062110190304	0,8			
2.5 20V T	154	B 5254 T2	Turbo	02/04→	PK20PR-P8	062110190304	0,8	IK20	062120040304	
2.5 T5	191	B 5244 T5	Turbo	04/04→	PK20PR-P8	062110190304	0,8	IK20	062120040304	
S 70										
2.0 (10V)	93	B 5202 S		11/96→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 20V T	132	B 5204 T5 (Turbo) (VVT)	Turbo	07/01→	PK20PR-P8	062110190304	0,8			
2.0 T-5 (20V)	166	B 5204 T3 (Turbo)	Turbo	01/97→	PK20PR-P8	062110190304	0,8			
2.3 T (20V)	142	B 5254 T (Low pressure Turbo)	Turbo	11/96→	PK20PR-P8	062110190304	0,8			
2.3 T-5 (20V)	176	B 5234 T3 (Turbo)	Turbo	01/97→	PK20PR-P8	062110190304	0,8			
2.4 20V	103	B 5244 S2 (CVVT)	Single electrode	03/00→	K20PR-U	062110070304	0,8	IK20	062120040304	
2.4 20V	103	B 5244 S2 (CVVT)	Double electrode	03/00→	K20TXR	062110120304	0,8	IK20	062120040304	
2.4 Bi-Fuel	103	B 5244 SG / GB5252 S	Single electrode	07/99→	K20PR-U	062110070304	0,9	IK20	062120040304	
2.4 Bi-Fuel	103	B 5244 SG / GB5252 S	Double electrode	07/99→	K20TXR	062110120304	0,9	IK20	062120040304	
2.4 20V	125	B 5244 S (CVVT)	Single electrode	03/00→	K20PR-U	062110070304	0,8	IK20	062120040304	
2.4 20V	125	B 5244 S (CVVT)	Double electrode	03/00→	K20TXR	062110120304	0,8	IK20	062120040304	
2.5 (10V)	103-106	B 5252 F, B 5252 S	Single electrode	11/96→	K20PR-U	062110070304	0,9	IK20	062120040304	
2.5 (10V)	103-106	B 5252 F, B 5252 S	Double electrode	11/96→	K20TXR	062110120304	0,9	IK20	062120040304	
2.5 (20V)	125	B 5254 F, B 5254 S	Single electrode	11/96→	K20PR-U	062110070304	0,9	IK20	062120040304	
2.5 (20V)	125	B 5254 F, B 5254 S	Double electrode	11/96→	K20TXR	062110120304	0,9	IK20	062120040304	
S 80										
2.0 20V T	120-132	B 5204 T4 (Turbo)	Turbo	08/98→	PK20PR-P8	062110190304	0,8			
2.0 20V T	132	B 5204 T5 (Turbo) (VVT)	Turbo	08/98→	PK20PR-P8	062110190304	0,8			
2.4 20V	103	B 5244 S2 (CVVT)	Single electrode	08/98→	K20PR-U	062110070304	0,9	IK20	062120040304	
2.4 20V	103	B 5244 S2 (CVVT)	Double electrode	08/98→	K20TXR	062110120304	0,9	IK20	062120040304	
2.4 20V	125	B 5244 S (CVVT)	Single electrode	08/98→	K20PR-U	062110070304	0,9	IK20	062120040304	
2.4 20V	125	B 5244 S (CVVT)	Double electrode	08/98→	K20TXR	062110120304	0,9	IK20	062120040304	
2.4 Bi-Fuel	103	B 5244 SG	Single electrode	09/01→	K20PR-U	062110070304	0,9	IK20	062120040304	
2.4 Bi-Fuel	103	B 5244 SG	Double electrode	09/01→	K20TXR	062110120304	0,9	IK20	062120040304	
2.4 20V T	147	B 5244 T3 /-T5 (CVVT)	Turbo	06/00→	PK20PR-P8	062110190304	0,8			
2.5 20V T	154	B 5254 T2	Turbo	07/03→	PK20PR-P8	062110190304	0,8	IK20	062120040304	
2.8 24V T-6	200	B 6294 T (Biturbo)	Turbo	08/98→	PK20PR-P8	062110190304	0,7			
2.9 24V	144	B 6294 S2		08/98→	K20TXR	062110120304	0,9	IK20	062120040304	
S 90										
2.5 Inj 24V	125	B 6254 F		01/97→	K20PR-U	062110070304	0,8	IK20	062120040304	
3.0 Inj 24V	150	B 6304 F (S)		01/97→	K20TXR	062110120304	0,9	IK20	062120040304	
V 40										
1.6 16V	77-80	B 4164 S /-S2 (F)		06/97→	K20TXR	062110120304	0,9	IK20	062120040304	
1.8 16V	85-92	B 4184 S /-S2		03/96→	K20TXR	062110120304	0,9	IK20	062120040304	
1.9 T-4	147	B 4194 FT (Turbo)	Turbo	06/97-09/00	PK20PR-P8	062110190304	0,8			
2.0 16V	100-103	B 4204 S /-S2 (N7Q-700)		03/96→	K20TXR	062110120304	0,9	IK20	062120040304	
2.0 16V T (LPT)	118-121	B 4204 T /-T3 (Turbo) (CVVT)	Turbo	10/97→	PK20PR-P8	062110190304	0,8			



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V 40									
2.0 16V T4 (HPT)	147	B 4204 T5 (Turbo) (CVVT)	Turbo	07/00→	PK20PR-P8	062110190304	0,8		
V 50									
1.6 i 16V	74	B 4164 S3		01/05→	T16VR-U10	062110310304	1,3	ITV16	062120060304
2.4 i 20V	103	B 5244 S5		01/04→	K20HR-U11	062110040304	1,1		
2.4 i 20V	125	B 5244 S4		01/04→	K20HR-U11	062110040304	1,1		
V 70									
2.0 (10V)	93	B 5202 S	Single electrode	11/96→	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 (10V)	93	B 5202 S	Double electrode	11/96→	K20TXR	062110120304	0,9	IK20	062120040304
2.0 20V T	132	B 5204 T5 (Turbo) (VVT)	Turbo	07/01→	PK20PR-P8	062110190304	0,8		
2.3 T AWD (20V)	184	B 5234 FT+ (Turbo)	Turbo	04/97→	PK20PR-P8	062110190304	0,8		
2.3 T (20V)	142	B 5254 T (Low pressure Turbo)	Turbo	11/96→	PK20PR-P8	062110190304	0,8		
2.3 T-5 (20V)	176	B 5234 T3 (Turbo)	Turbo	01/97→	PK20PR-P8	062110190304	0,8		
2.4 20V	103	B 5244 S2 (CVVT)	Single electrode	03/00→	K20PR-U	062110070304	0,8	IK20	062120040304
2.4 20V	103	B 5244 S2 (CVVT)	Double electrode	03/00→	K20TXR	062110120304	0,8	IK20	062120040304
2.4 20V Bi-Fuel	103	GB 5252S (Petro/Gas/CNG)		03/00 →			0,8	IK20	062120040304
2.4 20V	125	B 5244 S (CVVT)	Single electrode	03/00→	K20PR-U	062110070304	0,8	IK20	062120040304
2.4 20V	125	B 5244 S (CVVT)	Double electrode	03/00→	K20TXR	062110120304	0,8	IK20	062120040304
2.5 (10V)	103-106	B 5252 F, B 5252 S	Single electrode	11/96→	K20PR-U	062110070304	0,9	IK20	062120040304
2.5 (10V)	103-106	B 5252 F, B 5252 S	Double electrode	11/96→	K20TXR	062110120304	0,9	IK20	062120040304
2.5 (20V)	125	B 5254 F, B 5254 S	Single electrode	11/96→	K20PR-U	062110070304	0,9	IK20	062120040304
2.5 (20V)	125	B 5254 F, B 5254 S	Double electrode	11/96→	K20TXR	062110120304	0,9	IK20	062120040304
V 90									
2.5 Inj 24V	125	B 6254 F		01/97 →	K20PR-U	062110070304	0,8	IK20	062120040304
3.0 Inj 24V	150	B 6304 F (S)		01/97 →	K20TXR	062110120304	0,9	IK20	062120040304
XC 70									
2.3 AWD (20V)	140	B 5234 T7	Turbo	09/00→	PK20PR-P8	062110190304	0,8	IK20	062120040304
2.5 AWD (20V)	154	B 5254 T2	Turbo	09/02→	PK20PR-P8	062110190304	0,8	IK20	062120040304
XC 90									
2.5 T (20V)	154	B 5254 T2	Turbo	10/02→	PK20PR-P8	062110190304	0,8	IK20	062120040304
2.9 24V T6 Biturbo	200	B 6294 T	Turbo	10/02→	PK20PR-P8	062110190304	0,8	IK20	062120040304
4.4 V-8	232	B 8444 S		01/05→			1,1	IK20	062120040304

VOLKSWAGEN

BEETLE									
1.4	55	BCA		11/01→	PKJ16CR-L11	062110210304	1,1	IK16	062120030304
1.6	75	AWH, AYD		11/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V Turbo	110	APH, AVC, AWV, AWU,		11/98→	PK20PR-P8	062110190304	0,8		
2.0 i	85	AEG, AQY, APK		05/98→	K20PBR-S10	062110060304	0,9	IK20	062120040304
2.0 i	85	AZJ, AZG		08/00→	PKJ16CR-L11	062110210304	1,1		
2.3 i V5	125	AQN (VR-5 engine 4V)		10/00 →	PKJ16CR-L11	062110210304	1,1		
3.2 RSI 3.2	165	AXJ		04/00→	PKJ16CR-L11	062110210304	1,1	IK16	062120030304
BORA									
1.4 16V	55	AXP, BCA		05/00-04/02	PKJ16CR-L11	062110210304	1,1		
1.4 16V	55	AHW, AKQ, APE, AXP (EA111)		08/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6	74	AEH, AKL, APF, AVU		08/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 16V	77	ATN, AUS		09/00→	K20PBR-S10	062110060304	1,0	IK20	062120040304

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BORA									
1.6 FSI	81	BAD	Direct injection	08/01-05/05	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V 4-Motion	92	AGN		08/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V Turbo	110	AGU, APH, ARZ, AUM		08/97→	PK20PR-P8	062110190304	0,8		
1.8 20V Turbo	110	ARX, AWW, AWD		08/97→	PK20PR-P8	062110190304	0,8		
2.0	85	APK, AQY, AEG, AZH		07/98→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0	85	AZG, ATU, AWF		07/98→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0 4-Motion	85	AZJ, AZG		05/01→	PKJ16CR-L11	062110210304	1,1		
2.3 V5	110	AGZ (VR-5 engine)	Platinum	08/97-02/01	PK16PR11	062110170304	1,1	IK16	062120030304
2.3 V5 4-Motion	110	AGZ (VR-5 engine)	2-Electr. Platin.	08/97-02/01	PK16TR11	062110550304	1,1		
2.3 V5 4-Motion	125	AQN (VR-5 engine 4V)		09/00 →	PKJ16CR-L11	062110210304	1,1		
2.8 V6 4-Motion	150	AQP, AUE, BDE (VR-6 4V)		05/99→	PKJ16CR-L11	062110210304	1,1		

BUS									
1.9 (24 / 25)	44-57	DF / DG		08/82-07/87	W20EPB	062110370304	0,7	IW20	062120070304
1.9 (24 / 25)	44-57	DF / DG		08/89-07/92	W20EPB	062110370304	0,7	IW20	062120070304
1.9 (24 / 25)	60-66	DH / GW		08/83-08/85			0,7	IW20	062120070304
1.9 (24 / 25)	40	EY		08/84-05/88			0,7	IW20	062120070304
2.1 (24 / 25)	68-70	MV / SS		08/85-07/92			0,7	IW20	062120070304
2.1 Syncro (24 / 25)	70	MV		08/85-07/92			0,7	IW20	062120070304
2.1 .. / Syncro (24 / 25)	64	SR	(CH)	08/86-07/92			0,7	IW20	062120070304

CADDY									
1.4	44	AEX		01/96→	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.4 16V	55			12/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.5	51	JB		08/82-07/83	W16EP-U	062110360304	0,7		
1.6	55	EM	(CH, S)	08/82-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55	AEE, 1F		01/96→	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.6	74			12/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8	70	JH		08/85-07/92	W20EPBR-S	062110380304	1,0	IW20	062120070304

CALIFORNIA/CARAVELLE									
1.8 (70)	48-49	PD		12/90-07/92	W20EPB	062110370304	0,8	IW20	062120070304
1.8 (70)	48-49	PD		12/90→	W20EPB	062110370304	0,8	IW20	062120070304
2.0 (70)	62-64	AAC		07/93→	W20EPBR-S	062110380304	0,8		

CORRADO									
1.8 G60	118	PG	City driving	09/88-09/93			0,7	IW20	062120070304
1.8 16V	98-102	KR		09/88-07/92	K20PBR	062110050304	0,8	IK20	062120040304
2.0	85	2E		07/93-09/94	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0	85	ADY		07/94→	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 16V	100	9A		08/91→	K22PBR-S	062110130304	0,8	IK20	062120040304
2.9 VR6	132	AAA		08/91-06/95	K20TXR	062110120304	0,9	IK16	062120030304
2.9 VR6	132	AAA	Platinum	07/95 →	PK16PR11	062110170304	1,1	IK16	062120030304
2.9 VR6	132	AAA	2-Electr. Platin.	07/95 →	PK16TR11	062110550304	1,1		
2.9 VR6	140	ABV		08/91-06/95	K20TXR	062110120304	0,9	IK16	062120030304
2.9 VR6	140	ABV	Platinum	07/95 →	PK16PR11	062110170304	1,1	IK16	062120030304
2.9 VR6	140	ABV	2-Electr. Platin.	07/95 →	PK16TR11	062110550304	1,1		



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DERBY									
0.9	29	HA		01/77-09/81	W20EP-U	062110410304	0,7	IW20	062120070304
1.1 .. / ForetE	37	HB		01/77-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	43	HJ, HH		01/77-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
EOS									
2.0 FSI	110	BVZ	Direct injection	03/06 →	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 FSI Turbo	147	BWA	Direct injection	03/06 →	PK20PR-P8	062110190304	0,8		
FOX (5Z1)									
1.2 i	40	BMD		05/04 →	KJ20CR-L11	062110160304	0,9	IK20	062120040304
1.4 i	55	BKR		05/04 →	PKJ16CR-L11	062110210304	1,1	IK16	062120030304
GOLF I									
1.1	37-38	FA, FJ		04/74-07/79	W20EP-U	062110410304	0,7	IW20	062120070304
1.1 .. / ForetE	37	GG		08/79-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	43	GS	(CH, S)	08/82-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	44	GF		09/79-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.5	48-51	GH, JB		08/77-07/84	W16EP-U	062110360304	0,7		
1.5	48-51	FK, FH, EH		08/77-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55	EM	(CH, S)	08/79-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	81	EG		06/76-07/82	W22EP-U	062110450304	0,7		
1.8 GTi	82	DX / JJ		08/82-07/83	W20EPB	062110370304	0,8	IW20	062120070304
GOLF II									
1.0	33-37	GN		08/83-07/85	W20EP-U	062110410304	0,7	IW20	062120070304
1.0	37	HZ	Green *	10/85-07/88	W20EPB	062110370304	0,8	IW20	062120070304
1.0	37	HZ	Grey *	08/88-07/89	W20EP-U	062110410304	0,7	IW20	062120070304
1.0	37	HZ	Green *	08/89-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.3	37	HW	(A)	08/83-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	40	HK		08/83-07/85	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	43-44	GT	(CH, S)	08/83-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	37-44	NZ, MH, NU, 2C, 2G	Green *	08/85-07/92	W20EPB	062110370304	0,8	IW20	062120070304
1.3	37-44	NZ, MH, NU, 2C, 2G	Grey *	08/85-07/92	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	53-55	RF, EZ, EZA	Grey *	08/83-10/91	W16EP-U	062110360304	0,7		
1.6	51	PN		08/86-07/92	W20EPBR-S	062110380304	1,0		
1.6	55	ABN		08/91-07/92	W20EPB	062110370304	1,0	IW20	062120070304
1.8	62	RH	Green *	10/85-08/87	W20EPB	062110370304	0,8	IW20	062120070304
1.8	62	RH	Grey *	08/87-07/89	W20EP-U	062110410304	0,7	IW20	062120070304
1.8	62	RH	Green *	08/89-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8 .. / GTi	82	GZ	(CH, S)	01/84-07/88	W20EPB	062110370304	0,8	IW20	062120070304
1.8 GTi	82	EV		01/84-07/87	W20EPB	062110370304	0,8	IW20	062120070304
1.8 GTi	82	PB		11/83-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66-79	EV, GU, GX, PF, 2H		11/83-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66-79	RD, RG, RP		01/84-10/91	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	HV	(CH, S)	04/84-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
1.8	77	RV, HT		08/87-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8 16V	102	KR		02/86-10/91	K20PBR	062110050304	0,8	IK20	062120040304
1.8 16V	95	PL		02/86-10/91	K22PBR-S	062110130304	0,8		
1.8 Rallye / G60	118	PG, 1H (G-Lader) W/W Cat	City driving	04/89-07/91			0,7	IW20	062120070304
1.8 Syncro	66	GU		→07/91	W20EPB	062110370304	0,8	IW20	062120070304

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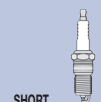
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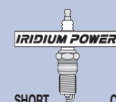


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GOLF II

1.8 Syncro	66	GX		→07/91	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 Syncro	72	1P	Green † W/W Cat	08/88-07/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8 Syncro	72	1P	Grey † W/W Cat	08/88-07/91	W20EP-U	062110410304	0,7	IW20	062120070304
1.8 Syncro G60	118	PG (G-Lader)	City driving	06/90-07/91			0,7	IW20	062120070304

GOLF III

1.3	40-44	ADX		10/94-98	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.4	40-44	ABD		11/91-08/93	W20EPB	062110370304	0,8	IW20	062120070304
1.4	40-44	ABD		09/93-98	W20EPBR-S	062110380304	0,8		
1.4	40	AEX		10/94-98	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.6	55	ABU, AEA, AEE		09/93-98	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.6	74	AEK, AFT		07/94-98	K20PBR-S10	062110060304	0,8	IK20	062120040304
1.8	55	AAM		11/91-98	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	ABS		11/91-98	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	ADZ, ACC		07/94-98	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0	85	2E		10/91-09/94	W20EPBR-S	062110380304	0,9	IW20	062120070304
2.0	79-107	AEP		10/94-98	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0	85	ADY		07/94-98	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 Syncro	85	AGG, ADY		07/95-98	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 16V	110	ABF		08/92-98	K22PR-ZU	062110140304	0,8		
2.8 VR6	128	AAA		01/92-06/95	K20TXR	062110120304	0,9	IK16	062120030304
2.8 VR6	128	AAA	Platinum	07/95-98	PK16PR11	062110170304	1,1	IK16	062120030304
2.8 VR6	128	AAA	2-Electr. Platin.	07/95-98	PK16TR11	062110550304	1,1		
2.9 VR6 Syncro	140	ABV		01/94-06/95	K20TXR	062110120304	0,9	IK16	062120030304
2.9 VR6 Syncro	140	ABV	Platinum	07/95-98	PK16PR11	062110170304	1,1	IK16	062120030304
2.9 VR6 Syncro	140	ABV	2-Electr. Platin.	07/95-98	PK16TR11	062110550304	1,1		

GOLF IV

1.4 16V	55	AXP, BCA		05/00-04/02	PKJ16CR-L11	062110210304	1,1		
1.4 16V	55	AHW, AKQ, APE, AXP (EA111)		08/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6	74	AEH, AKL, APF, AVU		08/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 16V	77	ATN, AZD, AUS, BCB, BFQ		02/00-09/00	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 16V	77	AZD, BCB		09/00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 FSI	81	BAD	Direct injection	08/01-05/05	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V 4-Motion	92	AGN		08/97→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V Turbo	110	AGU, APH, ARZ, AUM		08/97→	PK20PR-P8	062110190304	0,8		
1.8 20V Turbo	110	ARX, AWW, AWD		08/97→	PK20PR-P8	062110190304	0,8		
1.8 GTI Turbo	132	AUQ		08/01→	PK20PR-P8	062110190304	0,8		
2.0	85	APK, AQY, AEG, AZH		07/98→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0	85	AZG, ATU, AWF		07/98→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0 4-Motion	85	AZJ, AZG		05/01→	PKJ16CR-L11	062110210304	1,1		
2.3 V5	110	AGZ (VR-5 engine)	Platinum	08/97-02/01	PK16PR11	062110170304	1,1	IK16	062120030304
2.3 V5 4-Motion	110	AGZ (VR-5 engine)	2-Electr. Platin.	08/97-02/01	PK16TR11	062110550304	1,1		
2.3 V5 4-Motion	125	AQN (VR-5 engine 4V)		09/00 →	PKJ16CR-L11	062110210304	1,1		
2.8 V6 4-Motion	150	AQP, AUE, BDE (VR-6 4V)		05/99→	PKJ16CR-L11	062110210304	1,1		



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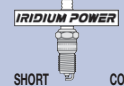


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GOLF V										
1.4 i 16V	55	BCA			10/03→	PKJ16CR-L11	062110210304	1,1	IK16	062120030304
1.4 FSI	66	BKG, BLN	Direct injection		10/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 i	75	BGU			01/04→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 FSI	85	BAG, BLP, BLF, BLN	Direct injection		10/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0 FSI Turbo	147	AXX			09/04→	PK20PR-P8	062110190304	0,8		
GOLF CABRIOLET										
1.1	37	GG			01/79-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	40	HK			08/83-07/86	W20EP-U	062110410304	0,7	IW20	062120070304
1.5	51	JB			08/77-07/84	W16EP-U	062110360304	0,7		
1.6	81	EG			06/76-07/83	W22EP-U	062110450304	0,7		
1.6	55	EM			01/79-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	53	RE			04/86-07/90	W20EPBR-S	062110380304	1,0		
1.6 III	74	AEK	MPI		10/94→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8	70-82	DX, JH, 2H			08/82-08/93	W20EPB	062110370304	0,8	IW20	062120070304
1.8	82	KT	(CH, S)		08/83-07/89	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66	EX			08/83-08/84	W20EP-U	062110410304	0,8	IW20	062120070304
1.8	66	EX			09/84-12/92	W20EPB	062110370304	0,8	IW20	062120070304
1.8 III	55	AAM			07/93→	W20EPBR-S	062110380304	0,8		
1.8 III	66	ABS, ADZ			07/93→	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 III	85	2E			07/93-09/94	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 III	85	AGG, ADY, ABA			10/94→	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 III	85	ABA	(U.S.A.)		10/94→			0,9	IK16	062120030304
ILTIS										
1.7	55	YX, WL, 1C			03/79-12/88	W20EP-U	062110410304	0,7	IW20	062120070304
JETTA										
1.1 .. / ForetE	37	GG			08/80-12/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	40-44	GF, HK, GS	(CH, S)		08/79-07/85	W20EP-U	062110410304	0,7	IW20	062120070304
1.5	48-51	GH, JB			08/77-12/83	W16EP-U	062110360304	0,7		
1.6	81	EG			08/79-07/82	W22EP-U	062110450304	0,7		
1.6	55	EM	(CH, S)		08/79-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	63	FR			78-12/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.8	66-82	DX, JJ, EV, GU, PF			08/82-03/84	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66-82	RD, RG, RP, GX			08/82-03/84	W20EPBR-S	062110380304	0,8	IW20	062120070304
JETTA (II) (19E)										
1.0	37	HZ			08/86-10/91	W20EP-U	062110410304	0,7	IW20	062120070304
1.0	37	HZ	(CH, S)		08/86-10/92	W20EPB	062110370304	0,8	IW20	062120070304
1.3	37	HW	(A)		01/84-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	43-44	GT	(CH, S)		01/84-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	40-44	2G, NZ, 2C, MH	Green *		08/85-07/92	W20EPB	062110370304	0,8	IW20	062120070304
1.3	40-44	2G, NZ, 2C, MH	Grey *		08/85-07/92	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	51-55	RF, EZ, EZA	Grey *		01/84-10/91	W16EP-U	062110360304	0,7		
1.6	51-55	ABN, PN			10/86-07/92	W20EPB	062110370304	1,0	IW20	062120070304
1.8	66-82	DX, JJ, EV, PF, PB			01/84-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66-82	RD, RG, RP			01/84-10/91	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	RP	Cat		08/87-10/91	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	79	PF	Cat		08/87-10/91	W20EPBR-S	062110380304	0,8	IW20	062120070304

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JETTA (II) (19E)

1.8	82	GZ	(CH, S)	01/84-07/87	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66	HV	(CH, S)	04/84-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
1.8 16V	95	PL		06/86-10/91	K22PBR-S	062110130304	0,8		
1.8 16V	102	KR		08/86-10/91	K22PBR-S	062110130304	0,8		
1.8 .. / Syncro	66	GU	W/W Cat	01/84-10/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8 .. / Syncro	66	GX	W/W Cat	01/84-10/91	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 .. / Syncro	72	1P	Green *, W/W Cat	08/88-07/92	W20EPB	062110370304	0,8	IW20	062120070304
1.8 .. / Syncro	72	1P	Grey *, W/W Cat	08/88-07/92	W20EP-U	062110410304	0,7	IW20	062120070304
2.0 16V	100	9A		08/89-07/92	K22PBR-S	062110130304	0,8	IK20	062120040304

JETTA (III) (1K2)

1.6 i 16V	75	BSE, BSF		09/05 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 FSI	85	BLF	Direct injection	09/05 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0 FSI	110	BLY	Direct injection	09/05 →	K20PR-U	062110070304	0,9	IK20	062120040304
2.0 FSI Turbo	147	BWA	Direct injection	10/05 →	PK20PR-P8	062110190304	0,8		

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1.6 i 1600 (Mexico)	33	ACD (19.0 rthread)	Cat	'93 →	W16EP-U	062110360304	0,6		
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2.0 28 / 31 / 35	51-55	CH, CL		05/75-11/82	W20EP-U	062110410304	0,7	IW20	062120070304
2.3 28 / 35 / 46	105	AGL		05/96-11/01	K20TXR	062110120304	0,9	IK20	062120040304
2.4 28/31/35/40/45/50/55	62-66	DL, HS		12/82-07/92	W20EP-U	062110410304	0,7	IW20	062120070304
2.4 40 / 45 4x4	66	DL		09/85-07/92	W20EP-U	062110410304	0,7	IW20	062120070304
2.4 28 / 31 / 35 / 40	70	1E		10/88-12/90	W20EP-U	062110410304	0,7	IW20	062120070304
2.4 28 / 31 / 35 / 40	70	1E		08/95 →	W20EPBR-S	062110380304	0,8	IW20	062120070304

LUPO (6x1)

1.0 i	37	AER, ALL		04/98 →	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.0 i	37	AHT		11/98-02/00	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.0 i	37	ALD, ALL, ANV, AUC		05/99 →	PKJ16CR-L11	062110210304	1,1		
1.4 i	44	AUD, BBY		09/00 →	PKJ16CR-L11	062110210304	1,1		
1.4 i 16V	55	AHW, AKQ, APE, AUA		04/98 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	74	AFK, ANM, AQQ, AUB		04/98 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 FSI	77	ARR	Direct injection	09/00-11/03	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 GTi (16V)	92	ARC, AVY		05/99 →	K20PBR-S10	062110060304	1,0	IK20	062120040304

MULTIVAN

1.8 (70)	48-49	PD		12/90-07/92	W20EPB	062110370304	0,8	IW20	062120070304
2.0 (70)	62-64	AAC		07/93 →	W20EPBR-S	062110380304	0,8		

MULTIVAN V (7HM)

2.0 i	85	AXA		04/03 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
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PASSAT

1.8	66-68	DS, JN, RP, RP	Cat	01/83-07/91	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66	JV	(CH, S)	08/83-03/88	W20EPB	062110370304	0,8	IW20	062120070304
1.8	82	DZ		12/83-07/84	W20EP-U	062110410304	0,8	IW20	062120070304
1.8 Syncro	66-68	DS, JN		01/86-03/88	W20EPB	062110370304	0,8	IW20	062120070304
1.8	64-82	RM, PB, PF	Green *	02/86-07/90	W20EPB	062110370304	0,8	IW20	062120070304
1.8	64-82	RM, PB, PF	Grey *	02/86-07/90	W20EP-U	062110410304	0,7	IW20	062120070304
2.0	85	JS, SK		08/83-03/88	W20EPB	062110370304	0,8	IW20	062120070304
2.0	85	HP	(CH, S)	08/83-07/87	W20EPB	062110370304	0,8	IW20	062120070304


kW

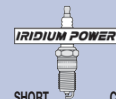
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PASSAT

2.0 .. / Syncro	85	HP, JS		08/84-03/88	W20EPB	062110370304	0,8	IW20	062120070304
2.2 .. / Syncro	85-100	KV, KX	(5 Cyl)	01/85-03/88	W20EPB	062110370304	0,8	IW20	062120070304
2.2 .. / Syncro	100	HY	(5 Cyl) (CH, S)	08/84-03/88	W20EPB	062110370304	0,8	IW20	062120070304
2.2 Syncro	88	JT	(5 Cyl)	08/85-03/88	W20EPB	062110370304	0,8	IW20	062120070304

PASSAT (4)

1.6	53-55	RF, EZ	Green *	04/88-09/89	W20EPB	062110370304	0,8	IW20	062120070304
1.6	53-55	RF, EZ	Grey *	04/88-09/91	W16EP-U	062110360304	0,7		
1.6	55	ABN		09/91-07/92	W20EPB	062110370304	0,8	IW20	062120070304
1.6	74	AEK, AFT		07/94-10/96	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8	66	ABS		08/91-97	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	ADZ		07/94-97	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.8 16V	100-102	KR		04/88-07/92	K20PBR	062110050304	0,8	IK20	062120040304
1.8 Syncro G60	118	PG (G-Lader)	City driving	08/88-97			0,7	IW20	062120070304
2.0	81	AAW		01/91-97	W20EPB	062110370304	0,8	IW20	062120070304
2.0	85	2E		03/90-09/94	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 .. / Syncro	85	2E		02/90-07/95	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 Syncro	85	ADY		10/94-97	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0	79-107	AAG, AEP		07/94-97	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0	85	AGG, ADY, ACX		10/94-97	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0 16V	100	9A		08/88-12/93	K22PBR-S	062110130304	0,8		
2.0 16V	110	ABF		01/94-97	K22PR-ZU	062110140304	0,7		
2.8 VR6	128	AAA		06/91-06/95	K20TXR	062110120304	0,9	IK16	062120030304
2.8 VR6	128	AAA	Platinum	07/95-97	PK16PR11	062110170304	1,1	IK16	062120030304
2.8 VR6	128	AAA	2-Electr. Platin.	07/95-97	PK16TR11	062110550304	1,1		
2.9 VR6 Syncro	135	ABV		01/94-06/95	K20TXR	062110120304	0,9	IK16	062120030304
2.9 VR6 Syncro	135	ABV	Platinum	07/95-97	PK16PR11	062110170304	1,1	IK16	062120030304
2.9 VR6 Syncro	135	ABV	2-Electr. Platin.	07/95-97	PK16TR11	062110550304	1,1		

PASSAT (5) (3B)

1.6	74	AEK, AFT, ADR, AHL		10/96→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6	74	ARM, ANA, ALZ		01/99→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V	92	ADR, APW, APT, ARG		10/96→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8 20V Turbo	110	AEB, APU, ANB, AUG, AWT	Turbo	10/96→	PK20PR-P8	062110190304	0,8		
2.0	85	AZM, ALT		11/00→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.3 V5	125	AZX (VR-5 engine 4V)		09/00 →	PKJ16CR-L11	062110210304	1,1		
2.8 V-6 30V	142	ACK, ALG		10/96→	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.8 V-6 30V	142	ADQ, APR, ATQ, AMX		01/99→	K20TXR	062110120304	0,8	IK20	062120040304

PASSAT (6) (3C)

1.6 FSI	85	BLF	Direct injection	03/05 →	K20PBR-S10	062110060304	1,0	IK20	062120040304
2.0 FSI Turbo	147	AXX		03/05→	PK20PR-P8	062110190304	0,8		

POLO (II)

1.0	29	GL		10/81-10/86	W20EP-U	062110410304	0,7	IW20	062120070304
1.0	33	HZ	Green *	08/85-08/88	W20EPB	062110370304	0,8	IW20	062120070304
1.0	33	HZ	Grey *	08/88-07/89	W20EP-U	062110410304	0,7	IW20	062120070304
1.0	33	HZ	Green *	08/89-08/90	W20EPB	062110370304	0,8	IW20	062120070304
1.0 .. / i	33	AAK, ACM		01/90-12/92	W20EPB	062110370304	0,8	IW20	062120070304
1.0 i	33	AAU		09/93-09/94	W20EPBR-S	062110380304	0,9	IW20	062120070304

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POLO (II)

1.3	43	HJ	(S)	01/77-07/82	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	40-44	HH, HK		01/77-07/85	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	37	HW	(A)	08/83-07/85	W20EP-U	062110410304	0,7	IW20	062120070304
1.3	43-44	GT	(CH, S)	08/82-12/88	W20EP-U	062110410304	0,7	IW20	062120070304
1.3 i	55-59	3F	W/W Cat	10/89-09/94	W20EPB	062110370304	0,8	IW20	062120070304
1.3	55	GK	Grey *	08/88-07/89	W22EP-U	062110450304	0,8		
1.3 i	40	AAV		01/91-08/93	W20EPB	062110370304	0,8	IW20	062120070304
1.3	37	NU	(A)	08/85-12/87	W20EPB	062110370304	0,8	IW20	062120070304
1.3 .. / i	40-55	MH, NZ, 2G, SC	Green *	09/82-09/94	W20EPB	062110370304	0,8	IW20	062120070304
1.3 .. / i	40-55	MH, NZ, 2G, SC	Grey *	09/82-09/94	W20EP-U	062110410304	0,7	IW20	062120070304

POLO (III)

1.0 i	33	AEV		10/94-02	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.0 i	37	AER, ALL		09/96-02	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.0 i	37	ALD, ALL, ANV, AUC		05/99-02	PKJ16CR-L11	062110210304	1,1		
1.3 i	40	ADX		10/94-02	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.4 i	40	AKP		08/95-02	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i	44	AEX, APQ, AKV, ANX		07/95-12/99	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.4 i	44	ANW, AKK, AUD		05/99-02	PKJ16CR-L11	062110210304	1,1		
1.4 i 16V	55	AHW, AKQ, APE, AUA		01/99-02	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	74	AFH, ANM, AFK, AQQ, AUB		04/96-02	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 i	55	AEA, AEE, 1F, ABU, ALM		10/94-02	W20EPBR-S	062110380304	1,0	IW20	062120070304
1.6 i	74	AFT, AEH, AKL, AUR		09/95-02	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 i 16V / Gti 16V	88-92	AJV, ARC		08/98-02	K20PBR-S10	062110060304	1,0	IK20	062120040304

POLO (IV) (9N)

1.2 i	40-47	AWY, AZQ		10/01→	PKJ16CR-L11	062110210304	1,1		
1.4 i 16V (Automatic)	55	BBY		10/01 →	PKJ16CR-L11	062110210304	1,1		
1.4 i 16V	55	BBY, AUA		10/01→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 i 16V	74	AUB, BBZ		10/01→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4 FSI	63	AXU	Direct injection	09/01-05/05	K20PBR-S10	062110060304	1,0	IK20	062120040304

POLO (V)

1.4	55	BBY, BKY		07/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.4	74	BBZ		11/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304

QUANTUM

2.2 Syncro	89	JT		01/85-07/88	W20EPB	062110370304	0,8	IW20	062120070304
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SANTANA

1.3	44	EP		08/83-12/84	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55	JU	(CH, S)	08/83-07/87	W20EP-U	062110410304	0,7	IW20	062120070304
1.8	66	DS		01/83-12/84	W20EP-U	062110410304	0,8	IW20	062120070304
1.8	66-68	DS, JN		06/83-12/84	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66	JV	(CH, S)	08/83-12/84	W20EPB	062110370304	0,8	IW20	062120070304
1.9 5S	85	WN		08/81-07/83	W22EP-U	062110450304	0,8		
2.0	85	JS		08/83-12/84	W20EP-U	062110410304	0,8	IW20	062120070304
2.0	85	HP	(CH, S)	08/83-12/84	W20EPB	062110370304	0,8	IW20	062120070304
2.2	85	WE	(CH, S)	08/82-07/83	W20EP-U	062110410304	0,8	IW20	062120070304


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1.3	40-44	GF, HK		08/79-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
1.5	48-51	GH, JB		08/77-12/83	W16EP-U	062110360304	0,7		
1.6	51	EWA	(A)	01/83-07/87	W16EP-U	062110360304	0,7		
1.6	51-55	EW		01/83-07/92	W16EP-U	062110360304	0,7		
1.6	53	RE		04/86-07/90	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.6	81	EG		06/76-07/82	W22EP-U	062110450304	0,7		
1.6	63	FR		08/75-07/84	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	51	EM	(CH, S)	08/81-07/83	W20EP-U	062110410304	0,7	IW20	062120070304
1.6	55	HN	(CH, S)	08/83-07/86	W16EP-U	062110360304	0,7		
1.7	54-57	EN	(S)	08/80-07/84	W16EP-U	062110360304	0,7		
1.8	82	JJ	(CH, S)	08/82-07/83	W20EP-U	062110410304	0,8	IW20	062120070304
1.8	82	KT	(CH, S)	08/83-07/87	W20EPB	062110370304	0,8	IW20	062120070304
1.8	66-82	DX, EX		08/82-07/92	W20EPB	062110370304	0,8	IW20	062120070304
1.8	70	JH		08/82-07/92	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8 16V	102	KR		10/85-07/89	K20PBR	062110050304	0,8	IK20	062120040304
1.8 16V	92-95	PL		02/86-07/92	K22PBR-S	062110130304	0,8		

SHARAN

1.8 20V Turbo	132	AJH, AWC		'97→	PK20PR-P8	062110190304	0,8		
2.0	85	ADY		05/95→	K20PBR-S10	062110060304	0,9	IK20	062120040304
2.8 VR6	128	AAA		05/95→	K20TXR	062110120304	0,9	IK20	062120040304

TOURAN

1.6 i	75	BGU, BSE, BSF		07/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.6 FSI	85	BAG, BLF, BLP, BLN	Direct injection	02/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304

TRANSPORTER

1.6 (T3) (24 / 25)	37	CT Mot No.065011→		05/80-12/82			0,6	IW20	062120070304
1.8 (T3) (24 / 25)	34	CZ Mot No.002828→		05/80-12/82			0,6	IW20	062120070304
1.8 (T3) Mexico	62	ACB (Longthead)		'93 →	W16EP-U	062110360304	0,7		
1.9 (T3) (70)	48-49	PD		12/90-07/92	W20EPB	062110370304	0,8	IW20	062120070304
2.0 (T3) (24 / 25)	60-66	DH, GW		07/83-07/85			0,7	IW20	062120070304
2.0 (T4) (24 / 25) .. / Syncro	64	SR	(CH)	10/86-07/92			0,7	IW20	062120070304
2.0 (T5) (70) VR6	150	AMV, AXK (VR-6 4V)		05/00→	PKJ16CR-L11	062110210304	1,1		
2.1 (T3) (24 / 25)	51	CU		05/79-12/82			0,7	IW20	062120070304
2.1 (T3) (24 / 25)	68-70	MV, SS		08/85-07/92			0,7	IW20	062120070304
2.1 (T3) Syncro (24 / 25)	70	MV		08/85-07/92			0,7	IW20	062120070304
2.5 (T4) (70)	62-64	AAC		07/93→	W20EPBR-S	062110380304	0,8		
2.5 (T4) (70) .. / Syncro	81	ACU		01/94→	W20EPB	062110370304	0,8	IW20	062120070304
2.8 (T4) (70) .. / Syncro	81	AEN		01/94→	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.8 (T4) (70) VR6	103	AES	Platinum	'96 →	PK16PR11	062110170304	1,1	IK16	062120030304
2.8 (T4) (70) VR6	103	AES	2-Electr. Platin.	'96 →	PK16TR11	062110550304	1,1		
3.2 (T5)	85	AXA		04/03→	K20PBR-S10	062110060304	1,0	IK20	062120040304

VENTO

1.3	40-44	ADX		10/94→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.4	40-44	ABD		11/91→	W20EPB	062110370304	0,8	IW20	062120070304
1.6	55	ABU, AEA		07/92→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.6	74	AEK, AFT		07/94→	K20PBR-S10	062110060304	1,0	IK20	062120040304
1.8	55	AAM		11/91-06/93	W20EPBR-S	062110380304	0,8	IW20	062120070304

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VENTO

1.8	55	AAM		07/93→	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	ABS		11/91-06/93	W20EPBR-S	062110380304	0,8	IW20	062120070304
1.8	66	ABS, ADZ		07/93→	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0	79-107	AEP, AGG		07/94→	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0	85	2E		11/91-06/93	W20EPBR-S	062110380304	0,8	IW20	062120070304
2.0	85	2E		07/93-07/94	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0	85	ADY, AGG		07/94→	W20EPBR-S	062110380304	1,0	IW20	062120070304
2.0 16V	110	ABF		01/92→	K22PR-ZU	062110140304	0,8		
2.8 VR6	120-128	AAA		01/92→	K20TXR	062110120304	0,9	IK20	062120040304

WARTBURG

353

1.0	37	XJD Ø4rthread		07/71-09/89	W20FP-U	062110420304	0,6		
1.0	37			01/78-12/90	W20FP-U	062110420304	0,6		
1.3	43	VW / (4V07,2/7,5GRF)		09/88-05/91	W20EP-U	062110410304	0,7	IW20	062120070304

YUE LOONG

101 FEELING

1.6	65	CA 16S		'90→	Q20PR-U	062110250304	0,8	IK20	062120040304
1.8	72	CA 18S		'90→	Q20PR-U	062110250304	0,8	IK20	062120040304

ZASTAVA / YUGO

101

1.2 311 / 411 / 511 / 1100	40			06/72-12/93	W20EP-U	062110410304	0,6	IW20	062120070304
1.3 313 / 413 / 513 / 1300	48-54			01/79-12/93	W20EP-U	062110410304	0,6	IW20	062120070304

FLORIDA

1.3	50	103A / OHC - M5		07/89-12/93	W16EPR-U	062110350304	0,7		
1.4	52	Carb. 2V		10/88-12/93	W16EPR-U	062110350304	0,7		
1.6	60-62	Carb. 2V		07/89-12/93	W16EPR-U	062110350304	0,7		

YUGO

0.9 45 / 45A	33	100 GL 064		04/80-12/93	W16EPR-U	062110350304	0,7		
1.1 55 / 55A	41	128 A..		05/85-12/93	W16EPR-U	062110350304	0,7		
1.1 60 i.e.	44	145A / OHC - M4		07/89-06/95	W16EPR-U	062110350304	0,7		
1.3 65 / 65 A	48	128 A..		05/85-12/93	W16EPR-U	062110350304	0,7		
1.3 65 i.e. (Cabrio)	47	OHC - M5		07/89-12/93	W16EPR-U	062110350304	0,7		
1.3 i (60)	48	13 E1 064		08/91-06/95	W20EPR-U	062110390304	0,8	IW20	062120070304
1.3 (60)	50	13 E3 064	Cat	03/91-06/95	W20EPR-U	062110390304	0,8	IW20	062120070304

ZAZ

DANA

1.1 1105	39			'95→	W20EP-U	062110410304	0,8	IW20	062120070304
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TAVRIA

0.9 1102, 1105	30	Fiat 170.A.1		'90→	W20EPR-U	062110390304	0,7	IW20	062120070304
1.1 1102, 1105	29-50			'90→	W20EP-U	062110410304	0,8	IW20	062120070304
1.3 1102, 1105	46-48	Lada enige		'90 →	W20EP-U	062110410304	0,7	IW20	062120070304

Applicazione per codice

Buyers guide

Zuordnung nach Bestellnummer

Affectations par références

Aplicación por código

Aplicação por código

DENSO**MAGNETI
MARELLI****IK16 062120030304**

ALFA ROMEO	159/ BRERA
AUDI	A 4/ A 6/ A 8
BENTLEY	ARNAGE/ BROOKLANDS/ CONTINENTAL R / T
BMW	3 SERIES/ 5 SERIES/ 7 SERIES/ 8 SERIES
CADILLAC	CATERA
CHEVROLET (DAEWOO)	CIRRUS/ LEGANZA/ NUBIRA/ PRINCE/ REXTON/ REZZO / TACUMA/ SEBRING/ STRATUS/ TACUMA (UF75..)
CHEVROLET (EUROPE)	BERETTA/ CAMARO/ CORVETTE
CHRYSLER (EUROPE)	300 C/ CHEROKEE/ GRAND CHEROKEE/ JEEP/ LHS/ NEW YORKER/ VOYAGER
CITROËN	AX/ BERLINGO/ C 15/ SAXO/ XANTIA/ XSARA/ ZX
DAIHATSU	CUORE / DOMINO/ MOVE/ SIRION (STORIA)/ TREVIS (MIRA GINO)/ YRV
DODGE (EUROPE)	CARAVAN / GRAND CARAVAN/ DURANGO/ RAM/ VIPER
FIAT	BRAVO / BRAVA (182)/ DOBLÒ (223)/ MAREA / .. WEEKEND (185)/ MULTIPLA (186)/ PALIO (178)/ PANDA/ PUNTO/ SEICENTO (187)/ SIENA/ STILO (192)/ ULYSSE/ CROMA '05
FORD	GALAXY/ PROBE
HONDA	CIVIC/ CR-V (RD)/ HR-V (GH)/ LAGREAT (GH-RL1)/ LOGO (GA3 /4)/ PASSPORT/ S-MX (MPV)
HYUNDAI	ACCENT / EXCEL/ ATOS / ATOZ / AMICA/ COUPE/ ELANTRA / AVANTE/ EXCEL/ GETZ (BU..)/ LANTRA/ MATRIX / LAVITA/ S-COUPE/ TERRACAN/ TUCSON (JM)/ XG
ISUZU	COMO (VAN)/ RODEO (BIG HORN)/ TROOPER/ V-CROSS
JAGUAR	XJ - 8
JEEP (EUROPE)	CHEROKEE/ GRAND CHEROKEE/ WRANGLER
KIA	CARENS/ CERATO/ CLARUS/ MAGENTIS/ OPIRUS/ PICANTO/ RIO/ SPORTAGE
LANCIA	LYBRA/ Y / YPSILON
LAND ROVER	DISCOVERY
LEXUS	LX
MAZDA	121/ 323/ 626/ 929/ 323 F/ B-SERIES/ DEMIO (DW)/ MPV/ MX-3 (EC)/ MX-5 (MIATA)/ MX-6 (GE)/ PICK - UP/ PREMACY (CP)/ XEDOS 6 (CA) / 9 (TA)/ XRONOS
MERCEDES-BENZ	A-CLASS/ C-CLASS/ CLK-CLASS/ E-CLASS/ M-CLASS/ SL-CLASS/ SLK-CLASS/ Vaneo (414)/ V-CLASS/ VITO
MITSUBISHI	CANTER / COLT/ ECLIPSE/ EXPO/ FTO/ L 300/ L 400/ LANCER/ MONTERO/ OUTLANDER (AIR TREK)/ PAJERO PININ / SPACE GEAR/ SPACE STAR
NISSAN	100 NX (B13)/ ALMERA/ ALMERA (II) TINO (V10)/

IK16 062120030304

NISSAN	CARAVAN/ MICRA (MARCH)/ PATHFINDER/ PRIMERA/ SKYLINE/ SUNNY/ VANETTE
OPEL	AGILA/ ASTRA-G/ ASTRA-H/ CALIBRA/ COMBO/ CORSA-B/ CORSA-C/ FRONTERA (B)/ MERIVA/ MONTEREY/ OMEGA-B/ SIGNUM/ TIGRA/ VECTRA-B-C/ ZAFIRA
PERODUA	KENARI
PEUGEOT	106/ 106/ 205/ 306/ 406
PONTIAC (EUROPE)	GRAND AM
PORSCHE	CAYENNE (955)
RENAULT	CLIO/ KANGOO/ TWINGO
ROLLS-ROYCE	PARK WARD/ SILVER SPIRIT/ SILVER SPUR
SATURN	SPORTS COUPE/ SPORTS SEDAN
SEAT	IBIZA/ TOLEDO
SKODA	FABIA (6Y)/ FAVORIT / FORMAN/ FELICIA/ PICK-UP
SUBARU	IMPREZA/ LEGACY/ VIVIO
SUZUKI	WAGON R+
TOYOTA	4-RUNNER (TRUCK)/ AURIS/ AVENSIS/ CARINA E/ CARINA II/ CELICA/ COASTER/ COROLLA/ COROLLA SDN (10)/ DYNA/ HILUX/ LAND CRUISER/ LAND CRUISER/ MR 2/ PASEO RAV 4 (Funcruiser)/ STARLET/ TERCEL/ YARIS (ECHO)
VAUXHALL	AGILA/ ASTRA MkIII/ ASTRA MkIV/ / CALIBRA/ CAVALIER MkIII/ COMBO/ CORSA/ CORSA MkII/ FRONTERA MkII/ MERIVA/ OMEGA/ SIGNUM/ TIGRA/ VECTRA MkII/ ZAFIRA
VW	BEETLE/ BORA/ CORRADO/ FOX (5Z1)/ GOLF CABRIOLET/ GOLF III/ GOLF IV/ GOLF V / PASSAT (4)/ TRANSPORTER

IK20 062120040304

ALFA ROMEO	147 (937)/ 33 (905 / 907)/ 33 (905 / 907)
AUDI	80/ 90/ 100/ A 2/ A 3/ A 4/ A 6/ A 8/ CABRIO/ COUPE/ S 6/ S 8
BERTONE	FREECLIMBER
BMW	1 SERIES/ 3 SERIES/ 5 SERIES/ 6 SERIES/ 7 SERIES/ 8 SERIES/ M SERIES/ X 3/ X-5/ Z 3/ Z 4/ Z 8
CATERHAM	21/ SUPER SEVEN
CHEVROLET (DAEWOO)	ESPERO/ EVANDA/ FSO - CARO/ KALOS/ LACETTI/ LANOS/ Le MANS/ LEGANZA/ NEXIA / CIELO/ NUBIRA/ TACUMA (UF75..)/
CHEVROLET (EUROPE)	AVEO/ CORVETTE
CHRYSLER (EUROPE)	CHEROKEE/ CROSSFIRE/ NEON/ PT CRUISER/ SEBRING/ STRATUS
CITROËN	AX/ AX/ BERLINGO/ C 2/ C 3/ EVASION / SYNERGIE/ JUMPER/ SAXO/ XANTIA/ XM/ XSARA/ XSARA PICASSO/ ZX


IK20 062120040304

DACIA	LOGAN/ SOLENZA/ SUPER NOVA
DAIHATSU	APPLAUSE / CHARADE/ COPEN (L880K)/ FEROZA / SPORTRAK/ GRAN MOVE (Pyzar)/ HIJET / VAN/ ROCKY / FOURTRACK/ SIRION (STORIA)/ SIRION 2 (BOON)/ TERIOS/ VALERA / Shortback/ YRV
DAIMLER	V-8 LWB
DODGE (EUROPE)	RAM
DONKERVOORT	D8
F.S.O. / F.S.M.	CARO/ POLONEZ / PRIMA
FIAT	BARCHETTA (183)/ BRAVO / BRAVA (182)/ COUPE (175)/ MAREA / .. WEEKEND (185)/ MULTIPLA (186)/ PALIO (178)/ PANDA/ PUNTO/ STILO (192)/ STRADA (178)/ ULYSSE/ SEDICI
FORD	ESCORT/ GALAXY/ PROBE / SCORPIO / GRANADA/ TRANSIT
FORD (U.S.A.)	PROBE
HONDA	ACCORD/ BEAT (PP1)/ CAPA/ CIVIC/ CIVIC SHUTTLE/ CR-V (RD)/ JAZZ/ ODYSSEY/ PRELUDE/ SHUTTLE (RA)/ STREAM (RN)/ TODAY
HYUNDAI	ATOS / ATOZ / AMICA/ COUPE/ EXCEL/ PONY/ S-COUPE
ISUZU	RODEO (BIG HORN)/ TROOPER
JAGUAR	XJ - V8/ XK - 8 (X100)
JEEP (EUROPE)	CHEROKEE
KIA	CARENS/ CLARUS/ MENTOR/ RETONA/ RIO/ SHUMA/ SPORTAGE
LADA / SHIGULI	2 110 / 2 111 / 2 112
LANCIA	DEDRA/ DELTA/ KAPPA/ LYBRA/ THESIS/ Y / YPSILON/ Z / ZETA
LAND ROVER	DISCOVERY/ RANGE ROVER
LEXUS	GS/ GX/ IS/ RX
LOTUS	ELAN/ ESPRIT
MAYBACH	57 / 62
MAZDA	323/ 626/ 929/ 323 F/ E 2000/ MPV/ MX-5 (MIATA)/ XEDOS 6 (CA)/ XEDOS 9 (TA)
MERCEDES-BENZ	A-CLASS/ B-CLASS/ C-CLASS/ CLK-CLASS/ E-CLASS/ SLK-CLASS/ SPRINTER 214 / 314 / 415
MG	MG-TF
MINI (BMW)	COOPER/ COOPER S JCW/ ONE
MITSUBISHI	CARISMA (DA)/ COLT/ DIAMANTE/ ECLIPSE/ ENDEAVOR (D71W, D81W)/ FTO/ GALANT/ LANCER/ PAJERO / SHOGUN/ SPACE RUNNER/ SPACE STAR/ SPACE WAGON
NISSAN	100 NX (B13)/ 200 SX/ ALMERA/ INFINITY/ KUBISTAR/ MAXIMA / QX/ PATHFINDER/ PATROL/ PICK - UP/ PRIMERA/ QUEST/ SERENA (C23)/ SUNNY/ TERRANO

IK20 062120040304

OPEL	ASTRA-F-G/ CALIBRA/ CORSA-B-C/ FRONTERA (A) (B)/ OMEGA-A-B/ SENATOR-B/ SIGNUM/ SINTRA/ SPEEDSTER/ TIGRA/ VECTRA-A-B-C/ VIVARO / ZAFIRA
PERODUA	KEMBARA
PEUGEOT	106/ 205/ 206/ 207/ 307/ 405/ 406/ 605/ 806/ 1007/ BOXER/ PARTNER
PORSCHE	911/ 968/ BOXTER
PROTON	IMPIAN / WAJA/ PERSONA/ SATRIA/ TIARA/ WIRA
RENAULT	AVANTIME/ CLIO/ ESPACE/EXPRESS/EXTRA/ RAPID/ KANGOO/ LAGUNA/ MEGANE/ MEGANE SCENIC/MODUS/ R 21/ SAFRANE/ SCENIC/ SPORT SPIDER/ TWINGO/ VEL SATIS (BJ0..)
ROLLS-ROYCE	PHANTOM
ROVER	100/ 200/ 400/ 600/ 800/ 25 (RF)/ 45 (RT)/ 75 (RJ)/ METRO/ METRO
SAAB	900/ 9000/ 9-3
SEAT	ALHAMBRA/ ALTEA (5P1)/ AROSA/ CORDOBA/ IBIZA/ LEON/ TOLEDO/ TOLEDO
SKODA	FABIA (6Y)/ FELICIA/ OCTAVIA/ SUPERB (3U4)
SMART	CABRIO/ CITY-COUPE/ CROSSBLADE
SUBARU	FORESTER (E-SF5)/ IMPREZA/ JUSTY/ LEGACY/ OUTBACK/ REX/ VIVIO/ VIVIO
SUZUKI	ALTO/ BALENO/ CARRY/ GRAND VITARA/ JIMNY (SN413V/Q)/ SWIFT/ VITARA/ WAGON R+
TOYOTA	X-90 (SZ416 / LA)/ AVENSIS/ CAMRY/ CARINA E/ CELICA / COROLLA/ CRESSIDA/ HARRIER (4x4)/ MR 2 / PICNIC/ RAV 4 (FUNCRUISER)/ SERA (GULLWING)/ SUPRA/ YARIS (ECHO)
TVR	CERBERA
VAUXHALL	ASTRA MkIII - MkIV/ CALIBRA / CARLTON/ CAVALIER MkIII/ CORSA / CORSA MkII/ FRONTERA / MkII/ MONTEREY MkII/ OMEGA / SENATOR MkII/ SIGNUM / SINTRA/ SPEEDSTER/ TIGRA / VECTRA/ VECTRA MkII / VIVARO/ VX 220 / ZAFIRA
VOLVO	850/ 960/ C 30/ C 70/ S 40/ S 60/ S 70/ S 80/ S 90/ V 40/ V 90/ XC 70/ XC 90
VW	BEETLE / BORA/ CADDY/ CORRADO/ EOS / FOX/ GOLF CABRIOLET/ GOLF II - III - IV - V/ JETTA (II) (III)/ LT / LUPO (6X1)/ MULTIVAN V (7HM)/ PASSAT 4 - 5 - 6/ POLO (III) (IV) (V)/ SCIROCCO/ SHARAN / TOURAN/ TRANSPORTER / VENTO
IKH16	062120050304
CITROËN	C 2/ C 4/ C 5/ C 6/ C 8/ EVASION / SYNERGIE/ JUMPY / DISPATCH/ XSARA/ XSARA PICASSO/ XSARA PICASSO

DENSO**MAGNETI
MARELLI****IKH16 062120050304**

FIAT	ULYSSE/ SCUDO '00
LANCIA	PHEDRA
NISSAN	350 Z (Z33)/ ALMERA/ INFINITY/ MICRA (MARCH)/ MICRA C+C/ MURANO (Z50)/ NOTE/ PATHFINDER/PRIMERA/ SKYLINE
PEUGEOT	206/ 207/ 307/ 406/ 407/ 607/ 806/ 807/ EXPERT/ EXPERT
RENAULT	AVANTIME/ ESPACE/ LAGUNA/ MEGANE/ MEGANE SCENIC/ SCENIC/ VEL SATIS (BJ0..)/ VEL SATIS (BJ0..)

ITV16 062120060304

ALFA ROMEO	159/ BRERA
DONKERVOORT	D8/ D8
FIAT	CROMA
FORD	COUGAR/ COURIER/ ESCORT/ FIESTA/ FOCUS/ MAVERICK/ MONDEO/ ORION/ PUMA/ SCORPIO/ GRANADA/ TRANSIT CONNECT
HUMMER	H 3
MAZDA	121/ 2 (DEMIO)/ TRIBUTE (EP.)
MERCURY (EUROPE)	COUGAR
MORGAN	4 / 4
OPEL	ASTRA-G/ SPEEDSTER/ VECTRA-B/ VECTRA-C/ ZAFIRA
OTOSAN	FORD ESCORT
VAUXHALL	ASTRA MkIV/ SIGNUM/ VECTRA MkII/ VX 220/ ZAFIRA

IU22 062120090304

ALFA ROMEO	145 / 146 (930)/ 147 (937)/ 155 (167)/ 156 (932)/ 166 (936)/ GT/ GTV (916C..)/ SPIDER (916S..)
FERRARI	F 355/ F 50

IW20 062120070304

ALFA ROMEO	SZ / RZ
ASTON MARTIN	LAGONDA
AUDI	100
BMW	2002 Turbo
DAIHATSU	BUS WIDE 55/ CHARADE/ CUORE / DOMINO/ FELLOW MAX/ HIJET / VAN/ MIRA
HONDA	ACCORD/ CIVIC/ CIVIC CRX/ CIVIC SHUTTLE/ INTEGRA/ PRELUDE
LOTUS	ESPRIT
MINI	ECLIPSE/ L 300
MORGAN	PLUS 8 / 280 ZX
NISSAN	URVAN
PERODUA	NIPPA

IW20 062120070304

PORSCHE	911/ 914/ 924
ROLLS-ROYCE	SILVER CLOUD / WRAITH
TOYOTA	CARINA/ CELICA/ COROLLA/ COROLLA & TRUENO/ CORONA/ CRESSIDA/ CROWN/ HILUX/ LAND CRUISER/ LITEACE/ STARLET/ SUPRA/ TOYOACE
VOLGA	GAZ
VOLVO	340/ 440/ 460/ 480
VW	BUS/ CORRADO/ GOLF II/ PASSAT (4)/ TRANSPORTER

IXU24 062120080304

BMW	M SERIES
FIAT	BRAVO / BRAVA (182)/ IDEA/ PUNTO/ STILO (192)
LANCIA	Y / YPSILON
MASERATI	222 / 224 / 228 / 420 / 422 / 424 / 430/ QUATTROPORTE/ SHAMAL
TVR	CERBERA/ TAMORA/ TUSCAN

K16HPR-U11 062110010304

CITROËN	C 2/ C 4/ C 5/ C 8/EVASION/ SYNERGIE/JUMPY/ DISPATCH/ XSARA/ XSARA PICASSO
FIAT	ULYSSE/ SCUDO
LANCIA	PHEDRA
NISSAN	ALMERA/ MICRA C+C/ MURANO (Z50)/ NOTE/ PRIMERA/ X-TRAIL (T30)
PEUGEOT	206/ 207/ 307/ 406/ 407/ 607/ 806/ 807/ EXPERT/ EXPERT
RENAULT	LAGUNA/ MEGANE/ MEGANE SCENIC/ SCENIC

K16PR-U 062110020304

AUDI	A 6/ A 8
DODGE (EUROPE)	RAM
FIAT	BRAVO / BRAVA (182)/ DOBLÒ (223)/ MAREA / .. WEEKEND (185)/ MULTIPLA (186)/ PALIO (178)/ PANDA/ PUNTO/ SEICENTO (187)/ SIENA/ STILO (192)
HYUNDAI	ACCENT / EXCEL
JEEP (EUROPE)	CHEROKEE
KIA	CLARUS/ SPORTAGE
LANCIA	LYBRA/ Y / YPSILON
MAZDA	323
MINI	CANTER
NISSAN	100 NX (B13)/ ALMERA/ PRIMERA/ SERENA (C23)/ SUNNY/ VANETTE
SKODA	FELICIA


K16PR-U11 062110030304

CHEVROLET (DEAWOO)	REZZO / TACUMA/ CIRRUS/ SEBRING/ STRATUS/ VOYAGER
DAIHATSU	CUORE / DOMINO/ MOVE/ SIRION (STORIA)
DODGE (EUROPE)	CARAVAN / GRAND CARAVAN
HONDA	CIVIC
HYUNDAI	ACCENT / EXCEL/ ATOS / ATOZ / AMICA/ COUPE/ ELANTRA / AVANTE/ EXCEL/ GETZ (BU..)/ LANTRA/ MATRIX / LAVITA/ PONY/ S-COUPE/ TUCSON (JM)
ISUZU	COMO (VAN)
KIA	CARENS/ CERATO/ MAGENTIS/ PICANTO/ RIO/ SPORTAGE
MAZDA	121/ 323/ 626/ 323 F/ DEMIO (DW)/ MPV/ MX-3 (EC)/ MX-5 (MIATA)/ MX-6 (GE)/ PICK - UP/ PREMACY (CP)/ XEDOS 6 (CA)/ XRONOS
MITSUBISHI	COLT/ ECLIPSE/ EXPO/ FTO/ L 300/ L 400/ LANCER/ MONTERO/ OUTLANDER (AIRTREK)/ PAJERO PININ / SPACE GEAR/ SPACE STAR
NISSAN	ALMERA/ ALMERA (II) TINO (V10)/ CARAVAN/ MICRA (MARCH)/ PATHFINDER/ PRIMERA
SUBARU	IMPREZA/ LEGACY/ VIVIO

K16R-U 062110480304

BMW	3 SERIES/ 5 SERIES/ 7 SERIES/ 8 SERIES
LEXUS	LX
NISSAN	PRIMERA/ VANETTE
TOYOTA	4-RUNNER (TRUCK)/ COASTER/ COROLLA/ DYNA/ HILUX/ LAND CRUISER/ PREVIA/ STARLET/ YARIS (ECHO)/ YARIS (ECHO)

K16R-U11 062110490304

NISSAN	ALMERA/ PRIMERA
TOYOTA	AURIS/ AVENSIS/ CARINA E/ CELICA/ COROLLA/ COROLLA SDN (10)/ MR 2/ RAV 4 (FUNCRUISER)/ TERCEL/ YARIS (ECHO)

K16TNR-S9 062110500304

CADILLAC	CATERA
DAIHATSU	CUORE / DOMINO/ SIRION (STORIA)/ TREVIS (MIRA GINO)/ YRV
PERODUA	KENARI
RENAULT	KANGOO/ TWINGO

K16TR11 062110640304

TOYOTA	4-RUNNER (TRUCK)/ COROLLA/ LAND CRUISER/ PASEO/ TERCEL
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K20HR-U11 062110040304

CITROËN	BERLINGO/ C 1/ C 2/ C 3/ C 4/ XSARA
MITSUBISHI	COLT
PEUGEOT	107/ 206/ 307/ 1007/ PARTNER
SMART	FORFOUR
TOYOTA	AYGO/ LAND CRUISER/ YARIS (ECHO)
VOLVO	C 30/ C 70/ S 40/ V 50

K20PBR 062110050304

ALFA ROMEO	147 (937)/ 33 (905 / 907)
CITROËN	XM
OPEL	OMEGA-A/ SENATOR-B
PEUGEOT	106/ 405/ 605
RENAULT	CLIO/ LAGUNA/ MEGANE/ R 19/ R 21/ R 25/ SAFRANE/ SPORT SPIDER
SEAT	TOLEDO
VW	CORRADO/ GOLF II/ PASSAT (4)/ SCIROCCO

K20PBR-S10 062110060304

AUDI	80/ 90/ 100/ A 2/ A 3/ A 4/ A 6/ CABRIO/ COUPE/ COUPE
MERCEDES-BENZ	A-CLASS/ C-CLASS/ CLK-CLASS/ E-CLASS/ M-CLASS/ SL-CLASS/ SLK-CLASS/ SPRINTER 214/ 314 / 415/ Vaneo (414)/ V-CLASS/ VITO
OPEL	OMEGA-B/ SIGNUM/ VECTRA-B/ VECTRA-C/ ZAFIRA
PORSCHE	911/ BOXTER/ CAYENNE (955)
SEAT	ALHAMBRA/ ALTEA (5P1)/ AROSA/ CORDOBA/ IBIZA/ LEON/ TOLEDO/ TOLEDO
SKODA	FABIA (6Y)/ FELICIA/ OCTAVIA/ SUPERB (3U4)
VAUXHALL	OMEGA/ SIGNUM/ VECTRA MkII/ ZAFIRA
VW	BEETLE / BORA/ CADDY/ GOLF CABRIOLET/ GOLF III - IV - V/ JETTA (III) (1K2)/ LUPO (6X1)/ MULTIVAN V (7HM)/ PASSAT (4) - (5) - (6)/ POLO (III) (IV) (V)/ SHARAN/ TOURAN/ TRANSPORTER/ VENTO

K20PR-L11 062110510304

HONDA	CIVIC/ CIVIC CRX
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K20PR-U 062110070304

CATERHAM	21/ SUPER SEVEN
CHEVROLET (DEAWOO)	FSO - CARO
CHRYSLER (EUROPE)	NEON/ STRATUS
CITROËN	C 2/ C 3/ XANTIA/ XSARA/ XSARA PICASSO
DACIA	LOGAN/ SOLENZA/ SUPER NOVA
F.S.O. / F.S.M.	CARO/ POLONEZ / PRIMA
FIAT	BARCETTA (183)/ PALIO (178)/ PUNTO/ STILO (192)
HYUNDAI	ATOS / ATOZ / AMICA/ S-COUPE

DENSO**MAGNETI
MARELLI****K20PR-U 062110070304**

KIA	MENTOR/ RIO/ SHUMA
LANCIA	THESIS/ Y / YPSILON
LAND ROVER	DISCOVERY
LOTUS	ELAN
MAZDA	323/ 626
MITSUBISHI	SPACE RUNNER/ SPACE WAGON
NISSAN	100 NX (B13)/ INFINITY/ KUBISTAR/ PATROL/ PRIMERA/ QUEST/ SUNNY/ SUNNY
OPEL	VECTRA-A/ VIVARO
PEUGEOT	106/ 206/ 207/ 307/ 1007
PORSCHE	968
PROTON	TIARA
RENAULT	CLIO/ ESPACE/ KANGOO/ LAGUNA/ MEGANE/ MEGANE SCENIC/ MODUS/ SAFRANE/ SCENIC/ SCENIC
ROVER	100/ 200/ 400/ 600/ 800/ METRO
SKODA	FELICIA
SUZUKI	ALTO/ BALENO/ CARRY/ JIMNY (SN413V/Q)/ SWIFT/ VITARA/ X-90 (SZ416 / LA)/ X-90 (SZ416 / LA)
VAUXHALL	VIVARO
VOLVO	850/ C 70/ S 70/ V 70/ V 90
VW	EOS/ JETTA (III) (1K2)

K20PR-U11 062110080304

CHEVROLET (DEAWOO)	ESPERO/ KALOS/ LACETTI/ LANOS/ LE MANS/ NEXIA / CIELO/ NUBIRA/ TACUMA (UF75..)
CHEVROLET (EUROPE)	AVEO/ CORVETTE
CHRYSLER (EUROPE)	SEBRING
DAIHATSU	APPLAUSE / CHARADE/ FEROZA / SPORTRAK/ GRAN MOVE (PYZAR)/ ROCKY / FOURTRACK/ VALERA / SHORTBACK
FIAT	SEDICI '06
FORD	ESCORT
HONDA	BEAT (PP1)/ CIVIC/ JAZZ/ TODAY
HYUNDAI	COUPE/ EXCEL
ISUZU	RODEO (BIG HORN)/ TROOPER
KIA	CARENS/ CLARUS/ RETONA/ SHUMA/ SPORTAGE
MAZDA	323/ 626/ 323 F/ E 2000/ MPV/ MX-5 (MIATA)/ XEDOS 6 (CA)/ XEDOS 9 (TA)
MERCEDES-BENZ	A-CLASS/ B-CLASS
MITSUBISHI	CARISMA (DA)/ COLT/ DIAMANTE/ FTO/ GALANT/ LANCER/ SPACE RUNNER/ SPACE STAR/ SPACE WAGON/ SPACE WAGON
NISSAN	MAXIMA / QX
OPEL	MONTEREY
PROTON	IMPIAN / WAJA/ PERSONA/ SATRIA/ WIRA
SUBARU	FORESTER (E-SF5)/ IMPREZA/ LEGACY/ REX

**K20PR-U11 062110080304**

SUZUKI	BALENO/ GRAND VITARA/ SWIFT/ WAGON R+
VAUXHALL	MONTEREY MKII

K20PR-ZU11 062110090304

DAIMLER	V-8 LWB
FORD	GALAXY/ SCORPIO / GRANADA/ TRANSIT
JAGUAR	XJ - V8/ XK - 8 (X100)
OPEL	OMEGA-A
SUBARU	LEGACY
VAUXHALL	LOTUS CARLTON

K20R-U 062110100304

CHRYSLER (EUROPE)	PT CRUISER
NISSAN	100 NX (B13)/ 200 SX/ PATHFINDER/ PICK - UP/ PRIMERA/ SERENA (C23)/ SUNNY/ TERRANO
OPEL	CALIBRA/ VECTRA-A
TOYOTA	AVENSIS/ CARINA E/ CELICA/ COROLLA/ CRESSIDA/ MR 2/ SUPRA/ SUPRA
VAUXHALL	CALIBRA

K20TNR-S9 062110110304

CITROËN	SAXO/ XANTIA/ ZX
DAIHATSU	APPLAUSE / HIJET / VAN/ TERIOS
FIAT	BARCETTA (183)/ BRAVO / BRAVA (182)/ COUPE (175)/ COUPE (175)/ MAREA / .. WEEKEND (185)/ MULTIPLA (186)/ PALIO (178)/ PANDA/ PUNTO/ STILO (192)/ STRADA (178)
LANCIA	DEDRA/ DELTA/ KAPPA/ LYBRA/ Y / YPSILON
LOTUS	ESPRIT
PERODUA	KEMBARA
PEUGEOT	306
PORSCHE	911

K20TXR 062110120304

AUDI	A 4/ A 6/ A 8/ S 6/ S 8
BERTONE	FREELIMBER
BMW	1 SERIES/ 3 SERIES/ 5 SERIES/ 6 SERIES/ 7 SERIES/ 8 SERIES/ M SERIES/ X 3/ X-5/ Z 3/ Z 4/ Z 8
CHEVROLET (DEAWOO)	EVANDA/ LACETTI/ LEGANZA/ NUBIRA/ PRINCE/ REZZO/ TACUMA/ TACUMA (UF75..)/ TACUMA (UF75..)
CITROËN	AX/ BERLINGO/ C 15/ EVASION / SYNERGIE/ JUMPER/ SAXO/ XANTIA/ XM/ XSARA/ XSARA PICASSO/ ZX
FIAT	ULYSSE
LADA / SHIGULI	2 110 / 2 111 / 2 112
LANCIA	Z / ZETA
LAND ROVER	RANGE ROVER


K20TXR 062110120304

MERCEDES-BENZ	C-CLASS/ CLK-CLASS/ E-CLASS/ SL-CLASS/ V-CLASS
MINI (BMW)	COOPER/ COOPER S/ COOPER S JCW/ ONE
OPEL	AGILA/ ASTRA-F - G/ CALIBRA/ COMBO/ CORSA-B -C/ FRONTERA A - B/ MERIVA/ OMEGA-A-B/ SENATOR-B/ SINTRA/ SPEEDSTER/ TIGRA/ VECTRA-A-B-C/ ZAFIRA
PEUGEOT	106/ 205/ 206/ 306/ 405/ 406/ 605/ 806/ BOXER/ PARTNER
PORSCHE	BOXTER
RENAULT	CLIO/ ESPACE/ KANGOO/ LAGUNA/ MEGANE SCENIC/ SAFRANE/ SCENIC/ TWINGO
ROLLS-ROYCE	PHANTOM
SAAB	900/ 9000/ 9-3
SKODA	SUPERB (3U4)/ CABRIO/ CITY-COUPE/ CROSSBLADE
TVR	CERBERA
VAUXHALL	AGILA/ ASTRA MkIII - IV/ CALIBRA / CARLTON/ CAVALIER MkIII/ COMBO / CORSA/ CORSA MkII/ FRONTERA/ FRONTERA MkII/ MERIVA / OMEGA/ SENATOR MkII/ SINTRA / SPEEDSTER/ TIGRA/ VECTRA / MkII/ VX 220 / ZAFIRA
VOLVO	850/ 960/ C 30/ C 70/ S 40/ S 60/ S 70/ S 80/ S 90/ V 40/ V 70/ V 90
VW	GOLF III

K22PBR-S 062110130304

AUDI	80/ 90/ 100/ A 6/ CABRIO/ COUPE
CITROËN	AX/ BX
FIAT	PUNTO/ UNO (146)
LANCIA	DEDRA/ DELTA/ THEMA
PEUGEOT	106/ 205/ 309/ 405
PORSCHE	911/ CAYMAN
RENAULT	SAFRANE
SEAT	CORDOBA/ IBIZA
VW	CORRADO/ GOLF II/ JETTA (II) (19E)/ PASSAT (4)/ SCIROCCO

K22PR-ZU 062110140304

ALFA ROMEO	166 (936)
AUDI	80
FORD	SIERRA / SAPPHIRE
KLEEMANN	MERCEDES E 200
SEAT	CORDOBA/ IBIZA/ TOLEDO
VOLVO	850
VW	GOLF III/ PASSAT (4)/ VENTO


KJ16CR-L11 062110150304

BMW	7 SERIES/ 8 SERIES
CHRYSLER (EUROPE)	GRAND CHEROKEE
DODGE (EUROPE)	DURANGO
HONDA	ACCORD/ CIVIC/ CR-V (RD)/ HR-V (GH)/ LAGREAT (GH-RL1)/ LOGO (GA3 /4)/ S-MX (MPV)/ S-MX (MPV)
JEEP (EUROPE)	GRAND CHEROKEE
OPEL	AGILA/ ASTRA-H/ COMBO/ CORSA-C/ MERIVA/ TIGRA/ ZAFIRA/ ZAFIRA
SEAT	IBIZA
SKODA	FABIA (6Y)
SUZUKI	WAGON R+
VAUXHALL	ASTRA MkV/ COMBO/ CORSA MkII/ MERIVA/ TIGRA/ ZAFIRA

KJ20CR-L11 062110160304

CHRYSLER (EUROPE)	CHEROKEE
DODGE (EUROPE)	RAM
HONDA	ACCORD/ CAPA/ CIVIC/ CIVIC SHUTTLE/ CR-V (RD)/ FR-V/ ODYSSEY/ PRELUDE/ SHUTTLE (RA)/ STREAM (RN)
JEEP (EUROPE)	CHEROKEE
ROVER	600
SKODA	FABIA (6Y)
VW	FOX (5Z1)

PK16PR11 062110170304

HYUNDAI	COUPE/ SANTA FÉ (SM)/ SONATA/ TRAJET/ XG
ISUZU	RODEO (BIG HORN)
JAGUAR	S - TYPE/ XJ - 8
KIA	CARNIVAL/ MAGENTIS/ OPIRUS/ SEDONA/ SORENTO
LAND ROVER	DISCOVERY/ RANGE ROVER
MERCEDES-BENZ	CL-CLASS/ CLK-CLASS/ G-CLASS/ M-CLASS/ S-CLASS/ SL-CLASS/ SLK-CLASS/ SLK-CLASS
VW	BORA/ CORRADO/ GOLF III/ GOLF IV/ PASSAT (4)/ TRANSPORTER

PK16PR-L11 062110540304

CHRYSLER (EUROPE)	CIRRUS/ SEBRING/ STRATUS
MERCEDES-BENZ	C-CLASS/ CLK-CLASS/ CLS-CLASS/ E-CLASS/ M-CLASS/ S-CLASS/ VIANO (W639)/ VITO
NISSAN	SKYLINE

DENSO**MAGNETI
MARELLI****PK16TR11 062110550304**

SEAT	ALHAMBRA
TOYOTA	SUPRA
VW	BORA/ CORRADO/ GOLF III/ GOLF IV/ PASSAT (4)/ TRANSPORTER

PK20PR11 062110180304

CHEVROLET (DEAWOO)	ARCADIA
FORD	SCORPIO / GRANADA/ TRANSIT
KIA	CARNIVAL/ SEDONA
MERCEDES-BENZ	CL-CLASS/ SPRINTER 214 / 314 / 416
MG	MG-TF/ ZR/ ZS
MINI	ECLIPSE
MITSUBISHI	FTO
NISSAN	300 ZX/ INFINITY
OPEL	SIGNUM/ ZAFIRA
RENAULT	CLIO/ ESPACE/ LAGUNA/ SAFRANE
ROVER	200/ 25 (RF)/ 45 (RT)/ 75 (RJ)
SUBARU	IMPREZA/ LEGACY/ OUTBACK/ SVX (CXW)
VAUXHALL	SIGNUM

PK20PR-P11 062110570304

DODGE (EUROPE)	STEALTH
FORD	ESCORT/ SIERRA / SAPPHIRE
JAGUAR	XJ - V8/ XJR/ XK - 8 (X100)
MITSUBISHI	3001 GT/ 3002 GT/ CARISMA (DA)/ GALANT/ L 200/ MONTERO/ PAJERO / SHOGUN/ SIGMA (F16,F07)/ STARION/ STARION
SAAB	9-3/ 9-5
SUBARU	JUSTY
SUZUKI	GRAND VITARA/ IGNIS/ JIMNY (SN413V/Q)/ LIANA (AERIO)/ SWIFT/ VITARA

PK20PR-P8 062110190304

ALFA ROMEO	145 / 146 (930)/ 147 (937)/ 155 (167)/ 156 (932)/ 164 (164)/ 166 (936)/ GT/ GTV (916C..)/ SPIDER (916S..)/ SPIDER (916S..)
AUDI	A 3/ A 4/ A 6/ S 3/ S 4/ TT / TTS (8N3, 8N9)
DAIHATSU	SIRION (STORIA)/ TERIOS
DONKERVOORT	D8
FORD	ESCORT
LANCIA	KAPPA/ THESIS
MG	MG-F
MITSUBISHI	GALANT/ 200 SX/ KUBISTAR/ ZAFIRA/ CAYENNE (955)/ CLIO/ LAGUNA/ VEL SATIS (BJ0..)/ 200/ 25 (RF)/ ALHAMBRA/ IBIZA/ IBIZA/ IBIZA/ LEON
NISSAN	200 SX/ KUBISTAR/ ZAFIRA

**PK20PR-P8 062110190304**

OPEL	ZAFIRA
PORSCHE	CAYENNE (955)
RENAULT	CLIO/ LAGUNA/ VEL SATIS (BJ0..)
ROVER	200/ 25 (RF)
SEAT	ALHAMBRA/ IBIZA/ IBIZA/ IBIZA/ LEON/ TOLEDO
SKODA	OCTAVIA/ SUPERB (3U4)
SUBARU	FORESTER (E-SF5)/ IMPREZA/ LEGACY
VOLVO	C 70/ S 40/ S 60/ S 70/ S 80/ V 40/ V 70/ XC 70/ XC 90/ XC 90
VW	BEETLE/ BORA/ EOS/ GOLF IV/ GOLF V/ JETTA (III) (1K2)/ PASSAT (5) (3B)/ PASSAT (6) (3C)/ SHARAN/ SHARAN

PK20PTR-S9 062110200304

ALFA ROMEO	145 / 146 (930)/ 147 (937)/ 156 (932)/ GT/ GTV (916C..)/ SPIDER (916S..)
AUDI	A 6/ A 8/ S 4
DAIHATSU	YRV

PK22PR8 062110580304

AUDI	80/ 100/ 200/ A 6/ COUPE/ QUATTRO/ RS 4/ RS 6/ S 2/ S 4/ S 6
MITSUBISHI	PAJERO / SHOGUN
NISSAN	SUNNY
SUBARU	IMPREZA

PK22PR-L11S 062110590304

HONDA	CIVIC/ INTEGRA/ S 2000
MITSUBISHI	FTO
SAAB	9-3/ 9-5

PKJ16CR-L11 062110210304

FORD	GALAXY
SEAT	ALHAMBRA/ AROSA/ CORDOBA/ IBIZA/ LEON/ TOLEDO
SKODA	OCTAVIA
VW	BEETLE/ BORA/ FOX (5Z1)/ GOLF IV/ GOLF V / LUPO (6X1)/ PASSAT (5) (3B)/ POLO (III)/ POLO (IV) (9N)/ TRANSPORTER

PT16VR13 062110220304

ALFA ROMEO	159/ BRERA
DONKERVOORT	D8
FORD	COUGAR/ COURIER/ ESCORT/ FIESTA/ FOCUS/ MAVERICK/ MONDEO/ ORION/ PUMA/ SCORPIO/ GRANADA/ TRANSIT CONNECT
HUMMER	H 3


PT16VR13 062110220304

MAZDA	121/ 2 (DEMIO)/ TRIBUTE (EP.)
MERCURY (EUROPE)	COUGAR
MORGAN	4 / 4/ FORD ESCORT

Q16PR-U 062110230304

CHEVROLET (DEAWOO)	REXTON
CHRYSLER (EUROPE)	CHEROKEE/ GRAND CHEROKEE
JEEP (EUROPE)	
NISSAN	BLUEBIRD
PEUGEOT	106/ 205/ 306
RENAULT	CLIO/ Express/Extra/Rapid/ MEGANE/ MEGANE SCENIC
SKODA	FAVORIT / FORMAN/ FELICIA/ PICK-UP

Q16P-U11 062110240304

MERCEDES-BENZ	C-CLASS
RENAULT	R 19

Q20PR-U 062110250304

ASTON MARTIN	VIRAGE/ VOLANTE
CHRYSLER (EUROPE)	VOYAGER
CITROËN	AX/ BX/ C 15/ EVASION / SYNERGIE/ JUMPER/ JUMPY / DISPATCH/ XANTIA/ XM/ ZX/ ZX
F.S.O. / F.S.M.	CINQUECENTO
FIAT	CINQUECENTO (170)/ CITIVAN/ DUCATO/ PANDA/ PUNTO/ SEICENTO (187)/ TIPO (160)/ UNO (146)
FORD	ESCORT/ FIESTA/ ORION/ SCORPIO / GRANADA/ SIERRA / SAPPHIRE/ TRANSIT/ VAN / VAN
JAGUAR	DAIMLER/ SOVEREIGN/ XJ - 6/ XJ - S
JEEP (EUROPE)	COMANCHE/ WAGONEER
KIA	CAPITAL/ CAPITAL
LANCIA	Y / YPSILON/ Y10
MAZDA	323/ 626/ 929
NISSAN	BLUEBIRD/ LAUREL/ PRAIRIE/ SUNNY
OPEL	ASTRA-F/ CALIBRA/ KADETT-E/ TRANSPORT
PEUGEOT	106/ 205/ 305/ 306/ 309/ 405/ 605/ 806/ BOXER/ BOXER
PONTIAC (EUROPE)	TRANS SPORT
RENAULT	CLIO/ Express/Extra/Rapid/ THALIA/ THALIA
ROVER	200/ 400/ CITY ROVER/ MONTEGO
SKODA	FAVORIT / FORMAN/ PICK-UP/ PICK-UP
VAUXHALL	ASTAR MkII/ ASTRA MkIII/ CALIBRA/ CALIBRA/ CARLTON/ CAVALIER MkIII
VOLVO	960
YUE LOONG	102 FEELING/ 103 FEELING


Q20PR-U11 062110260304

CHRYSLER (EUROPE)	CHEROKEE
FORD	ESCORT/ FIESTA/ ORION/ PROBE / SCORPIO /
FORD	GRANADA/ SIERRA / SAPPHIRE/ TRANSIT/ TRANSIT
HONDA	ACCORD/ CIVIC/ CIVIC CRX/ CIVIC SHUTTLE/ CONCERTO (HW)/ INTEGRA/ LEGEND/ PRELUDE
JEEP (EUROPE)	CHEROKEE
LADA / SHIGULI	LADA / SHIGULI/ / 2 110 / 2 111 / 2 112
MAZDA	323
NISSAN	200 SX/ 300 ZX/ BLUEBIRD/ LAUREL/ LEOPARD/ MAXIMA / QX/ PRAIRIE/ SILVIA / GAZELLE/ STANZA (T11)/ SUNNY
ROVER	200/ 400/ 800
SAAB	9000/ 9-5

Q20P-U 062110270304

CHEVROLET (DEAWOO)	KORANDO/ MUSSO
CITROËN	AX/ BX/ C 15/ ZX
KIA	CAPITAL
MERCEDES-BENZ	124 SERIE/ 129 SERIE/ 140 SERIE/ C-CLASS/ CL-CLASS/ G-CLASS/ S-CLASS/ SL-CLASS
PEUGEOT	106/ 205/ 305/ 309/ 309/ 405/ BOXER/ BOXER
RENAULT	R 19
ROVER	MAESTRO
SAAB	900/ 9000
SKODA	135/ 136/ FAVORIT / FORMAN/ PICK-UP
SSANG YOUNG	KORANDO (KJ)/ MUSSO (FJ)/ REXTON

Q22PR-U 062110280304

ASTON MARTIN	DB7
CATERHAM	21/ SUPER SEVEN
CITROËN	AX/ BX/ XM/ ZX
FIAT	PUNTO/ SCUDO (220)/ TEMPRA (159)/ TIPO (160)
FORD	ESCORT/ FIESTA/ ORION
LANCIA	DEDRA
PEUGEOT	205/ 306/ 605/ EXPERT
SKODA	FAVORIT / FORMAN
TVR	S

Q22PR-U11 062110290304

SAAB	900/ 9000/ 9-3/ 9-5
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Q22P-U 062110300304

ALFA ROMEO	145 / 146 (930)/ 155 (167)/ 164 (164)/ 75 (162B)
CITROËN	BX/ VISA
FORD	ESCORT
PEUGEOT	

DENSO**MAGNETI
MARELLI****Q22P-U 062110300304**

SAAB	900/ 9000/ IBIZA
SEAT	IBIZA/ MALAGA/ RITMO / RONDA/ RONDA

SC20HR11 062120100304

TOYOTA	AURIS/ COROLLA SDN (10)
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T16EPR-U 062110600304

CHEVROLET (EUROPE)	BERETTA/ CAMARO/ CAVALIER/ CORSICA
FORD	ESCORT/ FIESTA/ KA/ SCORPIO / GRANADA/ SIERRA / SAPPHIRE
FORD (U.S.A.)	BRONCO/ TAURUS
PONTIAC (EUROPE)	BONNEVILLE/ GRAND PRIX
ROVER	2300 / SD-1/ 2600 / SD-1

T16VR-U10 062110310304

FORD	FIESTA/ FOCUS/ FOCUS C-MAX/ FUSION/ KA/
PUMA	
VOLVO	C 30/ S 40/ V 50

T20EPR-U 062110320304

AUDI	100/ A 8/ S 4/ S 6/ S 8/ V - 8
CHEVROLET (EUROPE)	ASTRO/ BERETTA/ CAMARO/ CAVALIER/ CORSICA
FORD	COURIER/ ESCORT/ FIESTA/ ORION/ SCORPIO / GRANADA
FORD (U.S.A.)	AEROSTAR/ ESCORT
FREIGHT ROVER	SHERPA
LANCIA	THEMA
MERCURY (EUROPE)	COUGAR
PEUGEOT	505
PONTIAC (EUROPE)	GRAND PRIX
PROTON	GEN-2
RENAULT	ESPACE/ FUEGO/ MASTER/ R 25/ R 30/ R 5/ SAFRANE/ SAFRANE
TVR	S
VOLVO	240/ 260/ 760/ 780/ 960

T20EP-U 062110330304

CITROËN	BX/ C 15/ CX/ LNA/ VISA
FORD	VAN
LAND ROVER	LAND-ROVER
MERCEDES-BENZ	309/ 107 SERIE/ 123 SERIE/ 124 SERIE/ 126 SERIE/ 129 SERIE/ 190 SERIE/ 210 / 310 / 410 / 510/ 460 SERIE/ 463 SERIE/ E-CLASS/ G-CLASS/ L-CLASS
OPEL	ASCONA-B
PEUGEOT	104/ 205/ 305/ 309/ 504/ ALPINE/ ESPACE/ R 21/ R 25/ R 30/ TRAFIC

**T20EP-U 062110330304**

ROVER	2000 / SD-1
STEYR-DAIMLER-PUCH	230 GE/ 300 GE
TRIUMPH	DOLOMITE

T22EP-U 062110340304

CITROËN	AXEL/ BX/ CX/ LNA/ VISA
DAIMLER	DOUBLE SIX
JAGUAR	SOVEREIGN/ XJ - 12/ XJ - S/ XJR
LANCIA	THEMA
MERCEDES-BENZ	190 SERIE
PEUGEOT	104/ 205/ 305/ 309/ 505
RENAULT	ALPINE/ ESPACE/ R 21/ R 25/ R 5
VOLVO	760/ 780

U22ETR 062110650304

ALFA ROMEO	147 1.6 16V 76 Kw
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W16EPR-U 062110350304

ASIA	ROCSTA (BA)
BENTLEY	MULSANNE
CHEVROLET (DEAWOO)	ARANOS/ DAMAS/ ESPERO/ LE MANS/ PRINCE/ RACER (TF08Y/TF19Y)/ REZZO/ TACUMA/ TACUMA (UF75..)
CHRYSLER (EUROPE)	VOYAGER
DAIHATSU	WILDCAT
DODGE (EUROPE)	CARAVAN / GRAND CARAVAN/ DAYTONA
FREIGHT ROVER	SHERPA
HONDA	PRELUDE/ QUINTET (SU)
HYUNDAI	GRANDEUR/ STELLAR
JMC	LANDWIND
KIA	PRIDE
LAND ROVER	DEFENDER/ DISCOVERY/ RANGE ROVER
LOTUS	ECLAT
MAZDA	121/ 323/ 626/ 929/ B-SERIES
MG	MIDGET/ RV-9/ RV-9/ L 200/ L 300/ LANCER/ MIRAGE (A15..)/ PAJERO / SHOGUN/ SAPPORO/ SAPPORO
MINI	
NISSAN	BE 1/ BLUEBIRD/ CABSTAR/ LAUREL/ MICRA (MARCH)/ PATHFINDER/ PATROL / PICK-UP/ PRAIRIE/ STANZA (T11)/ SUNNY / TERRANO/ URVAN/ VANETTE/ VIOLET (A10)
OPEL	ASCONA-C/ ASTRA-F/ CALIBRA/ COMBO/ CORSA-B/ FRONTERA (A)/ KADETT-E/ OMEGA-A/ VECTRA-A/ VECTRA-A
PIAGGIO	MINI VAN/ ARENA / JUMBUCK/ SATRIA/ WIRA
RENAULT	CLIO/ ENCORE/ Express/Extra/Rapid/ R 19/ R 5/


W16EPR-U 062110350304

RENAULT	R 9 / R 11/ SUPER 5/ SUPER 5
ROLLS-ROYCE	CORNICHE/ PHANTOM SIX (VI)/ SILVER CLOUD / WRAITH/ SILVER SHADOW/ SILVER SPIRIT
ROVER	3500 / SD-1
SEAT	MARBELLA/ TERRA / TRANS
SUZUKI	ALTO/ CARRY/ LJ 80 / S J/ SAMURAI/ SANTANA/ SC 100 GX (Cervo) / VITARA
TRIUMPH	2000/ 2500/ ACCLAIM/ SPITFIRE/ STAG
VAUXHALL	ASTRA MkIII/ CAVALIER MkII/ CAVALIER MkIII/ COMBO/ FRONTERA
ZASTAVA / YUGO	FLORIDA/ YUGO

W16EPR-U11 062110610304

CHEVROLET (DEAWOO)	ARANOS/ ESPERO/ Le MANS/ MATIZ/ PRINCE/ TICO
CHRYSLER (EUROPE)	LE BARON/ SARATOGA/ VOYAGER
DODGE (EUROPE)	CARAVAN / GRAND CARAVAN/ DAYTONA
KIA	AVELLA/ MENTOR/ PRIDE/ SEPHIA
MAZDA	121/ 323/ 626/ 323 F/ B-SERIES
MITSUBISHI	COLT/ LANCER/ MONTERO/ PAJERO / SHOGUN
NISSAN	MICRA (MARCH)/ PATROL/ S-CARGO (G20)/ STANZA (T11)/ SUNNY
PROTON	PERSONA

W16EP-U 062110360304

BMW	3 SERIES/ 5 SERIES/ 6 SERIES/ 7 SERIES/ M SERIES
HYUNDAI	PONY
JAGUAR	E-TYPE/ S - TYPE/ XJ - 6/ XJ - S/ XK 140
LAND ROVER	LAND-ROVER/ RANGE ROVER
MERCEDES-BENZ	123 SERIE
MITSUBISHI	CANTER / COLT/ GALANT/ CABSTAR/ PATROL/ PICK - UP/ COLT/ GALANT
NISSAN	CABSTAR/ PATROL/ PICK - UP/ SUNNY
PORSCHE	928
RELIANT	KITTEN/ REBEL / REGAL / RIALTO/ ROBIN
RENAULT	R 19/ R 19/ TRAFIC/ TWINGO
ROLLS-ROYCE	PHANTOM SIX (VI)
ROVER	3500 / SD-1
SUZUKI	CARRY/ CERVO
VOLVO	340
VW	CADDY/ GOLF CABRIOLET/ GOLF I/ GOLF II/ JETTA/ JETTA (II) (19E)/ KÄFER/BEETLE/ PASSAT (4)/ SCIROCCO/ TRANSPORTER


W16EXR-U11 062110620304

CHEVROLET (DEAWOO)	KALOS
CHEVROLET (EUROPE)	AVEO
DAIHATSU	CHARADE/ CUORE / DOMINO/ HIJET / VAN/ MOVE
FORD (U.S.A.)	ASPIRE
FORD (U.S.A.)	FESTIVA

W16EXR-U11 062110620304

HONDA	JAZZ/ PASSPORT
TOYOTA	CAMRY/ CARINA II/ COROLLA/ CORONA FR/ CORONA (& CARINA 2)/ LAND CRUISER/ STARLET/ TERCEL

W20EPB 062110370304

ALFA ROMEO	33 (905 / 907)
AUDI	80/ 90/ 100/ 200/ COUPE/ QUATTRO
VW	BUS/ CALIFORNIA/CARAVELLE/ GOLF CABRIOLET/ GOLF I - II - III/ JETTA - (II) (19E)/ MULTIVAN/ PASSAT - (4)/ POLO (II)/ QUANTUM/ SANTANA/ SCIROCCO/ TRANSPORTER/ VENTO

W20EPBR-S 062110380304

ALFA ROMEO	155 (167)
AUDI	80/ 90/ 100/ A 4/ A 6/ CABRIO/ COUPE
FIAT	CROMA/ TIPO (160)
LANCIA	DELTA/ KAPPA
PORSCHE	928
SEAT	AROSA/ CORDOBA/ IBIZA/ TOLEDO
SKODA	FELICIA/ OCTAVIA
VW	CADDY/ CALIFORNIA/CARAVELLE/ CORRADO/ GOLF CABRIOLET/ GOLF II-III/ JETTA - (II) (19E)/ LT / LUPO/ MULTIVAN/ PASSAT (4)/ POLO II - III/ SCIROCCO/ TRANSPORTER/ VENTO

W20EPR-U 062110390304

ALFA ROMEO	164 (164)/ 166 (936)/ 75 (162B)/ SPIDER (916S..)
ASTON MARTIN	SALOON/ VOLANTE
AUSTIN MORRIS	MINI
BMW	3 SERIES
CHEVROLET (DEAWOO)	ESPERO/ FSO - CARO/ KALOS/ LANOS/ Le MANS/ NEXIA / CIELO/ ROYAL/ ROYAL
CHRYSLER (EUROPE)	COUPE/ DAYTONA/ ES/ GTS/ LE BARON/ SARATOGA/ VOYAGER/ VOYAGER
DAIHATSU	MIRA
F.S.O. / F.S.M.	126/ CARO/ CINQUECENTO
FIAT	126/ 900/ ARGENTA (132)/ CINQUECENTO (170)/ CROMA / DUNA/ FIORINO/ PANDA / PENNY/ REGATA/ RITMO / STRADA (138)/ SEICENTO (187)/ SPIDER / TALENTO/ TEMPRA (159)/ TIPO / UNO

DENSO**MAGNETI
MARELLI****W20EPR-U 062110390304**

FORD	CAPRI MK III/ ECOVAN
FREIGHT ROVER	SHERPA
HONDA	CIVIC/ PRELUDE
HYUNDAI	PONY/ PRIMA GRAND/ PRIMA STELLAR/ STELLAR
INNOCENTI	ELBA/ KORAL YUGO
ISUZU	CAMPO/ MIDI/ PIAZZA/ PICK - UP/ RODEO (BIG HORN)/ TROOPER
JAGUAR	XJ - 12
JEEP (EUROPE)	CJ - 7
LADA / SHIGULI	1200/ FORMA/ NIVA / COSSACK/ NOVA/ OKA/ SAMARA / SPUTNIK/ SAMARA FUN/ TOSCANA
LANCIA	DEDRA/ DELTA/ PRISMA/ THEMA/ Y10
LAND ROVER	DISCOVERY/ RANGE ROVER
LOTUS	ECLAT
MAZDA	323/ 626/ 818/ 929/ B-SERIES/ D/ E 2000/ E 2000
MG	MG-B/ MG-C
MINI	CANTER / COLT/ CORDIA (A21)/ ECLIPSE / GALANT/ JEEP/ L 200 / L 300/ LANCER / MINI CAB/ MIRAGE (A15..)/ PAJERO / SHOGUN/ SPACE WAGON/ TREDIA (A21)
MORGAN	PLUS 8
MOSKVICH	2145 / ALEKO
NISSAN	BLUEBIRD/ LAUREL/ PATHFINDER/ PATROL/ PICK - UP/ PRAIRIE/ STANZA (T11)/ SUNNY/ TERRANO/ URVAN/ VANETTE
OPEL	ASCONA-C/ ASTRA-F/ CAMPO/ COMBO/ CORSA-A/ CORSA-B/ KADETT-C/ KADETT-D/ KADETT-E/ MANTA-B/ OMEGA-A/ VECTRA-A
PEUGEOT	505
PORSCHE	911/ 924/ 928/ 944
PROTON	PROTON/ SALOON AEROBACK
RENAULT	CLIO/ ENCORE/ LAGUNA/ MASTER/ MEGANE SCENIC/ R 12 +/ R 19/ R 21/ R 5/ R 9/ R 11/ SUPER 5/ TRAFIC
ROVER	800/ MAESTRO/ METRO/ MONTEGO
SAAB	600
SEAT	127/ FURA/ IBIZA/ MARBELLA/ PANDA
SEAT	TERRA / TRANS
SUBARU	COUPE/ JUMBO , REX/ JUSTY/ SEDAN/ STATION/ SUPER STATION/ TRANSPORTER/ XT COUPE (XT)
SUZUKI	S J/ SWIFT/ VITARA
TVR	350i/ TUSCAN
VAUXHALL	ASTAR MKII/ ASTRA/ ASTRA MKIII/ BELMONT (ASTRA SEDAN)/ CALIBRA / CARLTON/ CAVALIER MKII/ CAVALIER MKIII/ CHEVANNE/ CORSA/ HA/ MIDI MKII/ NOVA/ OMEGA/ RASCAL
VOLGA	GAZ

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VOLVO	240/ 340/ 360/ 740/ 760/ 780/ 940/ 960
ZASTAVA / YUGO	YUGO
ZAZ	TAVRIA

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CHRYSLER (EUROPE)	DAYTONA
HYUNDAI	EXCEL/ GRANDEUR/ H 200/ H-1 / STAREX/ H-100 (FD17G)/ LANTRA/ PONY/ PRIMA STELLAR/ SANTA FÉ (SM)/ SATELLITE/ SONATA/ TRAJET
ISUZU	CAMPO/ PIAZZA/ RODEO (BIG HORN)/ TROOPER
KIA	JOICE/ MAGENTIS/ SEPHIA
LADA / SHIGULI	110 / 111 / 112 / VEGA/ 2 110 / 2 111 / 2 112/ NIVA / COSSACK/ NOVA/ SAMARA / SPUTNIK
MAZDA	323/ 626
MINI	COLT/ DIAMANTE/ ECLIPSE/ GALANT/ L 200/ L 300/ LANCER/ PAJERO / SHOGUN/ SIGMA (F16,F07)/ SPACE WAGON/ STARION/ TREDIA (A21)
NISSAN	280 ZX (S130)/ BLUEBIRD/ FIGARO (FK10)/ LAUREL/ SILVIA / GAZELLE/ STANZA (T11)
OPEL	ASTRA-F/ KADETT-E
PROTON	PERSONA
ROVER	200/ MONTEGO
SUBARU	COUPE/ JUMBO , REX/ JUSTY/ LIBERO / DOMINGO/ MINI JUMBO/ MINIBUS/ REX/ SEDAN/ STATION/ SUPER STATION/ XT COUPE (XT)
SUZUKI	SWIFT/ WAGON R+
VAUXHALL	BRAVA/ CAVALIER/ CHEVETTE

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ALFA ROMEO	75 (162B)/ 90 (162)
ASTON MARTIN	VANTAGE/ MINI/ MINOR
CITROËN	C 25/ SM
DAIHATSU	TAFT
F.S.O. / F.S.M.	125/ PICK - UP/ POLONEZ / PRIMA
FIAT	CAMPAGNOLA/ DUCATO/ PANDA/ REGATA/ TIPO (160)
JAGUAR	XJ - 6/ XJ - S
LADA / SHIGULI	1200/ 1300/ 1500/ 1600/ NIVA / COSSACK/ NOVA/ RIVA/ SAMARA / SPUTNIK/ TOSCANA/ TOSCANA
LAND ROVER	DEFENDER/ LAND-ROVER/ RANGE ROVER
MAZDA	B-SERIES
MERCEDES-BENZ	309/ 107 SERIE/ 114 SERIE/ 116 SERIE/ 123 SERIE/ 126 SERIE/ 208 / 308/ 460 SERIE/ G-CLASS/ L-CLASS
MINI	CANTER / GALANT/ LANCER/ LANCER EVO/ ROSA
MOSKVICH	2142 / ALEKO/ 2143 / ALEKO/ 2144 / ALEKO/ 2146 / ALEKO/ 412/ LSH


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MURAT	124/ 131
NISSAN	CABSTAR/ PICK - UP/ URVAN/ VIOLET (A10)
OPEL	MANTA-A
OTOSAN	ANADOL
PEUGEOT	504/ 505/ J 5/ J 9/ P 4/ U 10
POLMO	125 P
PORTARO	PAMPAS
RENAULT	FUEGO/ MEGANE/ R 5
ROVER	3500 / SD-1/ MAESTRO
SAAB	90/ 99/ 900/ 95 / 96
SEAT	131/ 132/ 133
STEYR-DAIMLER-PUCH	230 G/ 280 GE
TOFAS	DOGAN/ KARTAL/ SAHIN / SHAIN/ SERCE
TRABANT	601
VOLVO	240/ 260/ 340/ 360/ 740/ 760
VW	CADDY/ DERBY/ GOLF CABRIOLET/ GOLF I/ GOLF II/ ILTIS/ JETTA/ JETTA (II) (19E)/ LT/ PASSAT/ POLO (II)/ SANTANA/ SCIROCCO
WARTBURG	353
ZASTAVA / YUGO	101
ZAZ	DANA/ TAVRIA

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ARO	DUSTER
CITROËN	C 35/ CX/ DS/ ID
DACIA	1210/ 1300 / 1310/ 1410 / 1410 BREAK/ NOVA
DAF	66
F.S.O. / F.S.M.	126
FIAT	500/ 600
JEEP (U.S.A.)	CID
MOSKVICH	ZAZ 12V 4
OPEL	ASCONA-B/ GT/ KADETT-C/ KADETT-D/ MANTA-A/ MANTA-B/ SENATOR-A/ SENATOR-A
POLMO	126 P
PORSCHE	912
RENAULT	F 4 / F 6/ R 4/ R 5/ RODEO
RENAULT	SG
ROVER	3500
SAAB	95 / 96
SEAT	600
SKODA	105/ 120/ 125/ 130
UNIMOG	TRUCK
VOLGA	GAZ
VOLVO	66/ AMAZON/ C/ PV
WARTBURG	353


W22EPR-U 062110430304

ALFA ROMEO	155 (167)/ 164 (164)/ 75 (162B)
ASTON MARTIN	VANTAGE/ ZAGATO
BEDFORD	ASTRA / ASTRAMAX
CATERHAM	SUPER SEVEN
F.S.O. / F.S.M.	CARO
FIAT	ARGENTA (132)/ COUPE (175)/ CROMA/ FIORINO/ REGATA/ RITMO / STRADA (138)/ TEMPRA (159)/ TIPO (160)/ UNO (146)/ X 1 / 9
FORD	CAPRI MK III/ GRANADA MK II/ SCORPIO / GRANADA/ SIERRA / SAPPHIRE/ TRANSIT
FREIGHT ROVER	SHERPA
LANCIA	DEDRA/ DELTA/ PRISMA/ THEMA
MITSUBISHI	COLT/ L 200/ LANCER/ SAPPORO/ STARION
OPEL	ASCONA-C
PONTIAC (EUROPE)	GRAND AM
PORSCHE	944
RENAULT	CLIO/ R 19/ R 5/ SUPER 5
ROVER	METRO/ MONTEGO
SEAT	132/ 132
SUBARU	COUPE/ SEDAN/ SUPER STATION/ XT COUPE (XT)
TOFAS	DOGAN/ KARTAL/ TEMPRA/ TIPO
TVR	280i/ 390 SE/ 420 SEAC/ S/ TASMIN

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MITSUBISHI	GALANT/ SAPPORO/ SPACE WAGON
OPEL	ASCONA-C
SUBARU	SEDAN/ STATION/ SUPER STATION

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ALFA ROMEO	145 / 146 (930)/ 164 (164)/ 33 (905 / 907)/ 75 (162B)/ 90 (162)/ 90 (162)/ GIULIA / GTV (916C../ SPIDER (115)/ SPIDER (115)
F.S.O. / F.S.M.	POLONEZ / PRIMA
FIAT	126/ 850/ ARGENTA (132)/ X 1 / 9
FORD	ESCORT
LOTUS	ELAN/ ESPRIT/ EUROPA
MITSUBISHI	LANCER EVO
MOSKVICH	2140
PEUGEOT	505
POLMO	126 P
PORSCHE	911/ 914/ 924
RENAULT	R 19/ R 21/ R 9 / R 11/ SUPER 5/ TRAFIC
ROVER	MAESTRO
SAAB	90/ 99/ 900
SEAT	131/ RITMO / RONDA
VW	GOLF CABRIOLET/ GOLF I/ JETTA/ POLO (II)/ SANTANA/ SCIROCCO

DENSO**MAGNETI
MARELLI****XE20HR-U9 062110630304**

CITROËN	C 2/ C 3/ C 4
NISSAN	KUBISTAR
PEUGEOT	206/ 207/ 307/ 1007
RENAULT	CLIO/ CLIO/ KANGOO/ MODUS/ TWINGO

XU22EPR-U 062110460304

BMW	M SERIES
FIAT	DOBLÒ (223)/ GRANDE PUNTO (199)/ IDEA/ PUNTO/ STILO (192)/ 500 '07/ BRAVO '07
LANCIA	MUSA/ Y / YPSILON

XU22EPR-U 062110460304

MITSUBISHI	MINICA DANGAN ZZ
SUZUKI	ALTO/ WAGON R+

XU24EPR-U 062110470304

FIAT	BRAVO / BRAVA (182)/ IDEA/ PUNTO/ STILO (192)
LANCIA	Y / YPSILON
MASERATI	222 / 224 / 228 / 420 / 422 / 424 / 430/ QUATTROPORTE/ SHAMAL
TVR	TAMORA

Tavole di comparazione

Cross reference guide

Gegenüberstellung

Table de correspondance

Tabla de equivalencias

Tabela de equivalências

Le seguenti tavole di comparazione costituiscono un'indicazione di carattere generale. Per l'individuazione del corretto codice da applicare sulla vettura è indispensabile consultare le parti del catalogo relative alle applicazioni.

The following comparison tables are intended as general information. For the correct code to use on the car, please consult the sections regarding application in this catalogue.

Die nachfolgenden Vergleichstabellen stellen eine allgemeine Übersicht dar. Damit Sie das richtige, für Ihr Fahrzeug passende Kabel finden, sehen Sie bitte unbedingt auf den Katalogseiten der Anwendungen nach.

Les tableaux de comparaison suivants représentent une indication à caractère général. Pour l'identification du code correct à appliquer sur la voiture, consulter les parties du catalogue relatives aux applications.

Las siguientes tablas de equivalencias representan una indicación de carácter general. Para identificar el código correcto que se tiene que aplicar al vehículo, es indispensable consultar el apartado del catálogo relativo a las aplicaciones.

As seguintes tabelas de equivalências constituem uma indicação de carácter general. Para a individuação do correto código que deve ser aplicado no veículo, é indispensável consultar as partes do catálogo relativas às aplicações.

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****AC DELCO**

41-602	K20PR-U	062110070304
41-603	Q16PR-U	062110230304
41-810	T20EPR-U	062110320304
41-814	PT16VR13	062110220304
41-981	ITV16	062120060304
42FS	W20FP-U	062110420304
42LTS	T20EP-U	062110330304
42XLS	W22EP-U	062110450304
43FS	W20FP-U	062110420304
43XLS	W20EPR-U	062110390304
44NS	W16EP-U	062110360304
44XLS	W16EP-U	062110360304
C41CLTS	T22EP-U	062110340304
C41CXLS	W22EP-U	062110450304
C42CLTS	T20EP-U	062110330304
C42CXLS	W20EPR-U	062110390304
C42XLS	W20EPR-U	062110390304
C43CXLS	W16EP-U	062110360304
CFR1CLS	Q22PR-U	062110280304
CFR2CLS	Q20PR-U	062110250304
CFR3CLS	Q16PR-U	062110230304
CR41CXLS	W22EPR-U	062110430304
CR425XLS	W16EPR-U	062110350304
CR42CLTS	T20EPR-U	062110320304
CR42XLS	W20EPR-U	062110390304
CR42XLSX	W20EPR-U11	062110400304
CR43CXLS	W16EPR-U	062110350304
CR44NS	W16EPR-U	062110350304
FR1LS	Q20PR-U	062110250304
FR2LS	K20PR-U11	062110080304
FR3LSK	K16PR-U11	062110030304
FR5LS	Q16PR-U	062110230304
MR42LTS	T20EPR-U	062110320304
MR43LTS	T20EPR-U	062110320304
R42LTS	T20EPR-U	062110320304
R42XLS	W20EPR-U	062110390304
R43LTSE	T20EPR-U	062110320304
R43XLS	W20EPR-U	062110390304
R44LTS	T16EPR-U	062110600304
R44LTSM	T16EPR-U	062110600304
R44LTSMMA	T16EPR-U	062110600304
R44NSX	W16EPR-U11	062110610304
R44XLS	W16EPR-U	062110350304
R46LTS	T16EPR-U	062110600304

**DENSO****MAGNETI
MARELLI****ACCEL**

113	W22EP-U	062110450304
115	W20EP-U	062110410304
416	Q16PR-U	062110230304
416	Q16PR-U	062110230304
514	T20EPR-U	062110320304
516	T16EPR-U	062110600304
784	K20PR-U	062110070304
786	K16PR-U	062110020304
2412P	W22EP-U	062110450304
ALFA ROMEO		
46449690	PK20PTR-S9	062110200304
46521529	PK20PTR-S9	062110200304
46521530	IU22	062120090304
60571786	Q22P-U	062110300304
60579903	PK20PR-P8	062110190304
60599495	IU22	062120090304
6050456300	W22EP-U	062110450304
6051284800	Q22P-U	062110300304
6051292900	W22EP-U	062110450304
6056995700	PK20PR-P8	062110190304
6057178500	K20PBR	062110050304
6080032500	W22EPR-U	062110430304
AUTOLITE		
55	W16EP-U	062110360304
62	W22EPR-U	062110430304
63	W20EPR-U	062110390304
64	W16EPR-U	62110350304
65	W16EPR-U	062110350304
94	T22EP-U	062110340304
102	T22EP-U	062110340304
103	T20EPR-U	062110320304
104	T20EPR-U	062110320304
105	T16EPR-U	062110600304
274	W20FP-U	062110420304
764	T20EPR-U	062110320304
765	T16EPR-U	062110600304
4265	W16EPR-U	062110350304
9061	K22PBR-S	062110130304
9063	W20EPB	062110370304
9921	K20PBR	062110050304
3922	Q22PR-U	062110280304
3923	Q20PR-U	062110250304
3924	Q16PR-U	062110230304
4252	W22EPR-U	062110430304
4263	W20EPR-U	062110390304
4265	W16EPR-U	062110350304
AG22	W22EP-U	062110450304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****AUTOLITE**

AP3923	K20PR-ZU11	062110090304
APP102	T22EP-U	062110340304
APP103	T20EPR-U	062110320304
APP3923	PK20PR11	062110180304
APP3924	PK16PR-L11	062110540304
APP5224	KJ20CR-L11	062110160304
APP5344	PT16VR13	062110220304
ATI5344	PT16VR13	062110220304
AR53	W22EPR-U	062110430304
AR103	T20EPR-U	062110320304

BERU

14-5D	W22EP-U	062110450304
14-5D1	W22EP-U	062110450304
14-5DP1	W22EP-U	062110450304
14-5DU	W22EP-U	062110450304
14-5DUO	W22EP-U	062110450304
14-6B	W20FP-U	062110420304
14-6BU	W20FP-U	062110420304
14-6D	W20EPR-U	062110390304
14-6D1	W20EPR-U	062110390304
14-6DTU	W20EPB	062110370304
14-6DU	W20EPR-U	062110390304
14-6DUO	W20EPR-U	062110390304
14-7B	W20FP-U	062110420304
14-7BU	W20FP-U	062110420304
14-7D	W20EPR-U	062110390304
14-7DU	W20EPR-U	062110390304
14-7DTU	W20EPB	062110370304
14-7DUO	W20EPR-U	062110390304
14-8D	W16EP-U	062110360304
14-8DC	W16EP-U	062110360304
14-8DU	W16EP-U	062110360304
14-8DUO	W16EP-U	062110360304
14F-03DAR	K22PBR-S	062110130304
14F-5DU	Q22PR-U	062110280304
14F-6DPUR02	PK20PR-P8	062110190304
14F-6DPUR021	PK20PR-P8	062110190304
14F-6DSR	K20PR-ZU11	062110090304
14F-6DTU	K20PBR	062110050304
14F-6DUO	Q20P-U	062110270304
14F-6DUOR	Q20P-U	062110270304
14F-7DPURX2	PK20PR-P8	062110190304
14F-7DPUR02	PK20PR-P8	062110190304
14F-7DU	Q20P-U	062110270304
14F-7DUO	Q20P-U	062110270304
14F-7DUOR	Q20P-U	062110270304
14F-7LDUR4	K20TXR	062110120304

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MARELLI****BERU**

14F-8DU	Q16P-U11	062110240304
14F-8DU4	Q16P-U11	062110240304
14F-8DUO	Q16P-U11	062110240304
14F-8DUX	Q16P-U11	062110240304
14F-8LDUSR	K20TXR	062110120304
14F-8LUR	KJ16CR-L11	062110150304
14F-9DUO	Q16P-U11	062110240304
14FG-8DTU	K20PBR-S10	062110060304
14FGH-6DTUR	K20PBR-S10	062110060304
14FGH-7DTURX	K20PBR-S10	062110060304
14FGH-7DTURX0	K20PBR-S10	062110060304
14FGH-8DPURX2	PK16PR-L11	062110540304
14FGH-8DTUR	K20PBR-S10	062110060304
14FGH-8DTURX0	K20PBR-S10	062110060304
14FGR-6KQU	K20PBR-S10	062110060304
14FGR-7CTU	K20PBR-S10	062110060304
14FGR-7KQU	K20PBR-S10	062110060304
14FLR-8LDUX	K20TXR	062110120304
14FR-5DTU	K22PBR-S	062110130304
14FR-5DU	Q22PR-U	062110280304
14FR-6DPUX	K20PR-ZU11	062110090304
14FR-6DU	Q20PR-U	062110250304
14FR-7DPUX	K20PR-ZU11	062110090304
14FR-7DU	Q20PR-U	062110250304
14FR-7DUX	Q20PR-U11	062110260304
14FR-7KDU	K20TXR	062110120304
14FR-7KUO	K20R-U	062110100304
14FR-7KU	K20R-U	062110100304
14FR-7LUX	KJ20CR-L11	062110160304
14FR-8DU	Q16PR-U	062110230304
14FR-8KU	K16R-U	062110480304
14FR-8KUO	K16R-U	062110480304
14FR-8LDU	K20TXR	062110120304
14FR-8LDU4	K20TXR	062110120304
14FR-8MU2	K16HPR-U11	062110010304
14G-8DTU	W20EPBR-S	062110380304
14GH-7DTUR	W20EPBR-S	062110380304
14GH-8DTUR	W20EPBR-S	062110380304
14GH-8DTURX	W20EPBR-S	062110380304
14GR-8DTU	W20EPBR-S	062110380304
14K-5DU	T22EP-U	062110340304
14K-5DUO	T22EP-U	062110340304
14K-6D	T20EP-U	062110330304
14K-6DU	T20EP-U	062110330304
14K-6DUO	T20EP-U	062110330304
14K-7D	T20EP-U	062110330304
14K-7DU	T20EP-U	062110330304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****BERU**

14K-7DUO	T20EP-U	062110330304
14K-8DU	T16EPR-U	062110600304
14K-8DUO	T16EPR-U	062110600304
14K-9DU	T16EPR-U	062110600304
14K-9DUO	T16EPR-U	062110600304
14KGR-6KQU	T20EPR-U	062110320304
14KGR-7KQU	T20EPR-U	062110320304
14KR-6DU	T20EPR-U	062110320304
14KR-6ZPPV	PT16VR13	062110220304
14KR-7DU	T20EPR-U	062110320304
14KR-7DUX	T20EPR-U	062110320304
14KR-8MUV	PT16VR13	062110220304
14KR-9DUX	T16EPR-U	062110600304
14R-5DU	W22EPR-U	062110430304
14R-6D	W20EPR-U	062110390304
14R-6DU	W20EPR-U	062110390304
14R-6DUX	W20EPR-U11	062110400304
14R-7D	W20EPR-U	062110390304
14R-7DU	W20EPR-U	062110390304
14R-7DUX	W20EPR-U11	062110400304
14R-8DU	W16EPR-U	062110350304
14R-8DU4	W16EPR-U	062110350304
14R-8DUX	W16EPR-U11	062110610304
14R-9DU	W16EPR-U	062110350304
S3F	K20PR-ZU11	062110090304
Z1	W16EP-U	062110360304
Z4	K16R-U	062110480304
Z5	Q16P-U11	062110240304
Z6	T16EPR-U	062110600304
Z7	T16EPR-U	062110600304
Z8	W16EPR-U	062110350304
Z9	W16EPR-U11	062110610304
Z10	W20FP-U	062110420304
Z11	W20EP-U	062110410304
Z12	W20EPB	062110370304
Z13	Q20P-U	062110270304
Z14	K20TXR	062110120304
Z15	Q20PR-U	062110250304
Z16	Q20PR-U11	062110260304
Z17	T20EP-U	062110330304
Z18	T20EP-U	062110330304
Z20	W20EPR-U	062110390304
Z21	W20EPR-U11	062110400304
Z22	W20EP-U	062110410304
Z23	Q20P-U	062110270304
Z24	Q20PR-U	062110250304
Z25	T20EP-U	062110330304

**DENSO****MAGNETI
MARELLI****BERU**

Z26	T20EPR-U	062110320304
Z27	W20EPR-U	062110390304
Z28	W20EPR-U11	062110400304
Z29	Q22PR-U	062110280304
Z30	Q22PR-U	062110280304
Z31	T22EP-U	062110340304
Z42	W22EP-U	062110450304
Z43	W22EP-U	062110450304
Z45	K22PBR-S	062110130304
Z46	T22EP-U	062110340304
Z47	W22EPR-U	062110430304
Z48	W20FP-U	062110420304
Z50	W20EP-U	062110410304
Z51	W20EPB	062110370304
Z52	K20PBR	062110050304
Z53	K20PBR	062110050304
Z54	Q20P-U	062110270304
Z55	T20EP-U	062110330304
Z56	T20EP-U	062110330304
Z60	K20PBR-S10	062110060304
Z61	W20EP-U	062110410304
Z62	W20EP-U	062110410304
Z63	Q20P-U	062110270304
Z64	Q20P-U	062110270304
Z67	T20EPR-U	062110320304
Z69	W16EP-U	062110360304
Z70	W16EP-U	062110360304
Z71	Q16P-U11	062110240304
Z72	Q16PR-U	062110230304
Z74	K20TXR	062110120304
Z75	W20EPBR-S	062110380304
Z76	W16EP-U	062110360304
Z77	W16EP-U	062110360304
Z79	Q16P-U11	062110240304
Z80	T16EPR-U	062110600304
Z81	T16EPR-U	062110600304
Z82	W16EPR-U	062110350304
Z89	K20PBR-S10	062110060304
Z90	K20PBR-S10	062110060304
Z91	W20EPBR-S	062110380304
Z92	W20EPBR-S	062110380304
Z93	W20EPBR-S	062110380304
Z94	W20EPBR-S	062110380304
Z95	T20EPR-U	062110320304
Z97	PT16VR13	062110220304
Z99	Q20PR-U11	062110260304
Z100	Q16P-U11	062110240304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****BERU**

Z101	K20TXR	062110120304
Z105	K20PR-ZU11	062110090304
Z119	W16EPR-U	062110350304
Z120	K20PBR-S10	062110060304
Z121	K20PBR-S10	062110060304
Z122	PK16PR11	062110170304
Z123	K20TXR	062110120304
Z126	K20PBR-S10	062110060304
Z127	T20EPR-U	062110320304
Z128	K20PBR-S10	062110060304
Z129	K20PBR-S10	062110060304
Z131	K20PR-ZU11	062110090304
Z144	T20EPR-U	062110320304
Z153	K16R-U	062110480304
Z154	K16R-U	062110480304
Z155	K20R-U	062110100304
Z156	K20R-U	062110100304
Z158	KJ20CR-L11	062110160304
Z159	K20PR-ZU11	062110090304
Z170	PK20PR-P8	062110190304
Z171	PK20PR-P8	062110190304
Z172	K20PBR-S10	062110060304
Z176	PKJ16CR-L11	062110210304
Z177	PT16VR13	062110220304
Z183	K16HPR-U11	062110010304
Z185	PK20PR-P8	062110190304
Z188	PK20PR-P8	062110190304
Z190	K20PBR-S10	062110060304

BLITZ

14430	IK20	062120040304
R6427-7	K22PR-ZU	062110140304
T7340B-6	IK20	062120040304

BMW

12 12 1 88234	W20EP-U	062110410304
12 12 0 030 548	K20TXR	062110120304
12 12 0 148 593	K20TXR	062110120304
12 12 7 671 302	XU22EPR-U	062110460304
12 12 7 677 560	XU24EPR-U	062110470304
12 12 8 353 286	W20EP-U	062110410304
12 12 9 063 428	K20TXR	062110120304
12 12 9 064 617	K20TXR	062110120304
12 12 9 064 619	K20TXR	062110120304
12 12 9 064 656	K20TXR	062110120304
12 12 9 065 366	K20TXR	062110120304

BOSCH

+ 1	W20EPR-U	062110390304
+ 2	W20EPBR-S	062110380304
+ 3	W16EPR-U	062110350304
+ 4	W20EPBR-S	062110380304
+ 5	T20EPR-U	062110320304
+ 6	Q16PR-U	062110230304
+ 7	K20TNR-S9	062110110304
+ 7	K20TXR	062110120304
+ 8	Q20PR-U	062110250304
+ 9	K16TNR-S9	062110500304
+ 9	K20TXR	062110120304
+ 11	Q20PR-U11	062110260304
+ 11	K20PR-U11	062110080304
+ 12	W20EPR-U	062110390304
+ 13	K20PR-U	062110070304
+ 14	T20EPR-U	062110320304
+ 15	W22EPR-U	062110430304
+ 16	W16EPR-U	062110350304
+ 17	PT16VR13	062110220304
+ 18	T20EPR-U	062110320304
+ 19	K16PR-U11	062110030304
+ 21	W20EPR-U11	062110400304
+ 22	W16EPR-U11	062110610304
+ 23	K20PBR-S10	062110060304
+ 24	PK20PR-P8	062110190304
F5DC	Q22PR-U	062110280304
F5DP	K22PR-ZU	062110140304
F5DP0R	K22PR-ZU	062110140304
F6DC	Q20P-U	062110270304
F6DC0R	Q20P-U	062110270304
F6DCX	Q20PR-U11	062110260304
F6DP	K20PR-ZU11	062110090304
F6DP0R	K20PR-ZU11	062110090304
F6DPX	K20PR-ZU11	062110090304
F6DSR	K20PR-ZU11	062110090304
F6DTC	K20PBR	062110050304
F6LTCR	K20PBR	062110050304
F7DC	Q20P-U	062110270304
F7DC0	Q20P-U	062110270304
F7DC0R	Q20P-U	062110270304
F7DCR4	Q20P-U	062110270304
F7DCX	Q20PR-U11	062110260304
F7DER	K20PR-U	062110070304
F7DP	K20PR-ZU11	062110090304
F7DPER	PK20PR11	062110180304
F7DPP222T	PK20PR-P8	062110190304
F7DPP22U	PK20PR11	062110180304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****BOSCH**

F7DPP332	PK20PR11	062110180304
F7DTC	K20PBR	062110050304
F7HER2	KJ16CR-L11	062110150304
F7HPP222	PKJ16CR-L11	062110210304
F7HPP222U	PKJ16CR-L11	062110210304
F7KTCR	K20PBR-S10	062110060304
F7LC0R2	K20R-U	062110100304
F7LCR	K20R-U	062110100304
F7LDCR	K20TXR	062110120304
F7LTCR	K20PBR-S10	062110060304
F8DC	Q16P-U11	062110240304
F8DC0	Q16P-U11	062110240304
F8DC2	Q16P-U11	062110240304
F8DC4	K16PR-U	062110020304
F8DCX	Q16P-U11	062110240304
F8DPER	PK16PR-L11	062110540304
F8DPP222U	PK16PR-L11	062110540304
F8DPP332	PK16PR-L11	062110540304
F8KTCR	K20PBR-S10	062110060304
F8LCR	K16R-U	062110480304
F8LCR2	K16R-U	062110480304
F8LDCR	K20TXR	062110120304
F9DC0	Q16P-U11	062110240304
FGR6HQE0	K20PBR-S10	062110060304
FGR6KQC	K20PBR-S10	062110060304
FGR6KQE	K20PBR-S10	062110060304
FGR7DQ+	K20PBR-S10	062110060304
FGR7DQC	K20PBR-S10	062110060304
FGR7DQP	K20TXR	062110120304
FGR7KQE	K20PBR-S10	062110060304
FGR7KQE0	K20PBR-S10	062110060304
FGR8KQE	K20PBR-S10	062110060304
FGR8KQE0	K20PBR-S10	062110060304
FGR8MQPE	K16HPR-U11	062110010304
FLR7LDCU	K20TXR	062110120304
FLR8LD+U	K16TNR-S9	062110500304
FLR8LDCU	K20TXR	062110120304
FLR8LDSU	K20TXR	062110120304
FLR9LTE	K16TNR-S9	062110500304
FQR8DE	K20PR-U11	062110080304
FQR8LEU2	KJ16CR-L11	062110150304
FR56	K22PR-ZU	062110140304
FR5DC	Q22PR-U	062110280304
FR5DCX	Q22PR-U11	062110290304
FR5DP	K22PR-ZU	062110140304
FR5DP1	K22PR-ZU	062110140304
FR5DPP222	PK22PR-L11S	062110590304

**DENSO****MAGNETI
MARELLI****BOSCH**

FR5DPP222U	PK22PR-L11S	062110590304
FR5DTC	K22PBR-S	062110130304
FR5LDC	K22PBR-S	062110130304
FR6D+	Q20PR-U	062110250304
FR6DC	Q20PR-U	062110250304
FR6DC2	K20PR-U	062110070304
FR6DCX	Q20PR-U11	062110260304
FR6DDC	K20TNR-S9	062110110304
FR6DE	K20PR-U	062110070304
FR6DP	K20PR-ZU11	062110090304
FR6DP1	K20PR-ZU11	062110090304
FR6DP1X	K20PR-ZU11	062110090304
FR6DPP22U	PK20PR11	062110180304
FR6DPP33X	PK20PR11	062110180304
FR6DPX	K20PR-ZU11	062110090304
FR6DS	K20PR-ZU11	062110090304
FR6DTC	K20PBR	062110050304
FR6DTCW	K20PBR-S10	062110060304
FR6KPP332S	PK20PR-P8	062110190304
FR6KTC	K20PBR	062110050304
FR6LDC	K20TNR-S9	062110110304
FR78	K20TXR	062110120304
FR78ME	K20TXR	062110120304
FR78X	K20TXR	062110120304
FR7D+	Q20PR-U	062110250304
FR7D+X	Q20PR-U11	062110260304
FR7DC	Q20PR-U	062110250304
FR7DC+	Q20PR-U	062110250304
FR7DC0	Q20PR-U	062110250304
FR7DC2	Q20PR-U	062110250304
FR7DC9	K20PR-U	062110070304
FR7DCU	K20PR-U	062110070304
FR7DCX	Q20PR-U11	062110260304
FR7DE	K20PR-U	062110070304
FR7DP	K20PR-ZU11	062110090304
FR7DP1X	K20PR-ZU11	062110090304
FR7DPP+	PK20PR-P8	062110190304
FR7DPP10	PK20PR-P8	062110190304
FR7DPP22U	PK20PR11	062110180304
FR7DPP33	PK20PR-P8	062110190304
FR7DPX	K20PR-ZU11	062110090304
FR7DTC	K20PBR	062110050304
FR7DTCW	K20PBR	062110050304
FR7KC	K20R-U	062110100304
FR7KCW	K20R-U	062110100304
FR7KDC	K20TXR	062110120304
FR7LC2	K20R-U	062110100304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****BOSCH**

FR7LCX	KJ20CR-L11	062110160304
FR7LD+	K20TNR-S9	062110110304
FR7LDC	K20TXR	062110120304
FR7LDC4	K20TXR	062110120304
FR7LDCU	K20TXR	062110120304
FR7LTC	K20PBR-S10	062110060304
FR7NPP33	K20HR-U11	062110040304
FR7SE	K20HR-U11	062110040304
FR8D+	Q16PR-U	062110230304
FR8DC	Q16PR-U	062110230304
FR8DC0	Q16PR-U	062110230304
FR8DCU	K16PR-U11	062110030304
FR8DE	K16PR-U	062110020304
FR8DEE-N	K16PR-U	062110020304
FR8HDC	K16TR11	062110640304
FR8KCU	K16R-U11	062110490304
FR8KDC	K20TXR	062110120304
FR8LCX	KJ16CR-L11	062110150304
FR8LDC	K20TXR	062110120304
FR8LDC4	K20TXR	062110120304
FR8LPX	PKJ16CR-L11	062110210304
FR8LTC	K20PBR-S10	062110060304
FR8MC9	K16HPR-U11	062110010304
FR8ME	K16HPR-U11	062110010304
FR8SE0	K16HPR-U11	062110010304
FR91	K16TNR-S9	062110500304
FR91X	K16TNR-S9	062110500304
H56	T22EP-U	062110340304
H5DC	T22EP-U	062110340304
H5DC0	T22EP-U	062110340304
H6DC	T20EP-U	062110330304
H6DC0	T20EP-U	062110330304
H7DC	T20EP-U	062110330304
H7DC0	T20EP-U	062110330304
H7LDCR	T20EPR-U	062110320304
H8D	T16EPR-U	062110600304
H8DC	T16EPR-U	062110600304
H8DC0	T16EPR-U	062110600304
H9DC	T16EPR-U	062110600304
H9DC0	T16EPR-U	062110600304
HGR6KQC	T20EPR-U	062110320304
HGR7KQC	T20EPR-U	062110320304
HLR8STEX	ITV16	062120060304
HR10HC0	T16EPR-U	062110600304
HR5DC	T22EP-U	062110340304
HR6D+	T20EPR-U	062110320304
HR6DC	T20EPR-U	062110320304

BOSCH

HR7D+	T20EPR-U	062110320304
HR7DC	T20EPR-U	062110320304
HR7DC0	T20EPR-U	062110320304
HR7DCX	T20EPR-U	062110320304
HR7MCU	T16VR-U10	062110310304
HR7MPP	PT16VR13	062110220304
HR7MPP+	PT16VR13	062110220304
HR7MPP+V	PT16VR13	062110220304
HR7MPP22U	PT16VR13	062110220304
HR7MPP22V	PT16VR13	062110220304
HR7MPP302	PT16VR13	062110220304
HR8D+	T20EPR-U	062110320304
HR8DC	T20EPR-U	062110320304
HR8DCX	T16EPR-U	062110600304
HR8MEV	T16VR-U10	062110310304
HR9DC	T16EPR-U	062110600304
VR8SE	XE20HR-U9	062110630304
VR8SEW	XE20HR-U9	062110630304
W5D	W22EP-U	062110450304
W5D1	W22EP-U	062110450304
W5DC	W22EP-U	062110450304
W5DC0	W22EP-U	062110450304
W6BC	W20FP-U	062110420304
W6D	W20EP-U	062110410304
W6D1	W20EP-U	062110410304
W6DC	W20EP-U	062110410304
W6DC	W20EP-U	062110410304
W6DC0	W20EP-U	062110410304
W6DTC	W20EPB	062110370304
W7B	W20FP-U	062110420304
W7BC	W20FP-U	062110420304
W7D	W20EP-U	062110410304
W7DC	W20EP-U	062110410304
W7DC0	W20EP-U	062110410304
W7DCR	W20EPR-U	062110390304
W7DTC	W20EPB	062110370304
W7LTCR	W20EPBR-S	062110380304
W8DC	W16EP-U	062110360304
W8DC0	W16EP-U	062110360304
W8DC04	W20EP-U	062110410304
W8DTC	W20EPB	062110370304
W8LTCR	W20EPBR-S	062110380304
W145T30	W16EP-U	062110360304
W145TR30	W16EPR-U	062110350304
W175T30	W20EP-U	062110410304
W175T30.1	W20EP-U	062110410304
W175T35	W20FP-U	062110420304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****BOSCH**

W175TR30	W20EPR-U	062110390304
W200T30	W20EP-U	062110410304
W200T35	W20FP-U	062110420304
W200TR30	W20EPR-U	062110390304
W215T30	W22EP-U	062110450304
W225T30	W22EP-U	062110450304
W225TR30	W22EPR-U	062110430304
W230T30	W22EP-U	062110450304
WA125T30	T16EPR-U	062110600304
WA125TR30	T16EPR-U	062110600304
WA175T30	T20EP-U	062110330304
WA200T30	T20EP-U	062110330304
WA200TR30	T20EPR-U	062110320304
WA225T30	T22EP-U	062110340304
WR5D+	W22EPR-U	062110430304
WR5DC	W22EPR-U	062110430304
WR6D+	W20EPR-U	062110390304
WR6DC	W20EPR-U	062110390304
WR6DC2	W20EPR-U	062110390304
WR6DCX	W20EPR-U11	062110400304
WR6DTC	W20EPBR-S	062110380304
WR78	W20EPBR-S	062110380304
WR78X	W20EPBR-S	062110380304
WR7D+	W20EPR-U	062110390304
WR7D+X	W20EPR-U11	062110400304
WR7DC	W20EPR-U	062110390304
WR7DC2	W20EPR-U	062110390304
WR7DCX	W20EPR-U11	062110400304
WR7DTC	W20EPBR-S	062110380304
WR7LT+	W20EPBR-S	062110380304
WR8D+	W16EPR-U	062110350304
WR8D+X	W16EPR-U11	062110610304
WR8DC	W16EPR-U	062110350304
WR8DC04	W20EPR-U	062110390304
WR8DC4	W16EPR-U	062110350304
WR8DCX	W16EPR-U11	062110610304
WR8DS	W16EPR-U	062110350304
WR8LT+	W20EPBR-S	062110380304
WR9D+	W16EPR-U	062110350304
Y6DC	XU22EPR-U	062110460304
YR7DE	XU24EPR-U	062110470304

BRISK / PAL

D14Y	Q22P-U	062110300304
D14YC	Q22P-U	062110300304
D15Y	Q20P-U	062110270304
D15YC	Q20P-U	062110270304
DR12YC	Q22PR-U	062110280304

**DENSO****MAGNETI
MARELLI****BRISK / PAL**

DR12ZC	K22PR-ZU	062110140304
DR14TC	K22PBR-S	062110130304
DR14TC-1	K22PBR-S	062110130304
DR14YC	Q22PR-U	062110280304
DR14YS	K22PR-ZU	062110140304
DR14ZC	K20PR-ZU11	062110090304
DR14ZC-1	K20PR-ZU11	062110090304
DR15LTC-1	K20PBR-S10	062110060304
DR15TC	K20PBR	062110050304
DR15YC	Q20PR-U	062110250304
DR15YPP-1	K20PR-ZU11	062110090304
DR15ZC	K20PR-ZU11	062110090304
DR15ZC-1	K20PR-ZU11	062110090304
DR17TC	K20PBR-S10	062110060304
DR17YC	Q16PR-U	062110230304
DX14LTC-1	K22PBR-S	062110130304
DX15LTC-1	K20PBR-S10	062110060304
DX15TC	K20PBR	062110050304
DX17LTC-1	K20PBR-S10	062110060304
DX17TC	K20PBR-S10	062110060304
G12YC	T22EP-U	062110340304
G14Y	T22EP-U	062110340304
G14YC	T22EP-U	062110340304
G15Y	T20EP-U	062110330304
G15YC	T20EP-U	062110330304
G17Y	T16EPR-U	062110600304
G17YC	T16EPR-U	062110600304
GR12YC	T22EP-U	062110340304
GR12ZC	T22EP-U	062110340304
GR14YC	T22EP-U	062110340304
GR14ZC	T20EPR-U	062110320304
GR15YC	T20EPR-U	062110320304
GR15ZC	T16EPR-U	062110600304
GR17YC	T16EPR-U	062110600304
L14Y	W22EP-U	062110450304
L14YC	W22EP-U	062110450304
L15Y	W20EP-U	062110410304
L15YC	W20EP-U	062110410304
L17Y	W16EP-U	062110360304
L17YC	W16EP-U	062110360304
LR14YC	W22EPR-U	062110430304
LR15TC	W20EPBR-S	062110380304
LR15YC	W20EPR-U	062110390304
LR15YC-1	W20EPR-U11	062110400304
LR17TC	W20EPBR-S	062110380304
LR17TC-1	W20EPBR-S	062110380304
LR17YC	W16EPR-U	062110350304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****BRISK / PAL**

LX15LTC-1	W20EPBR-S	062110380304
LX15TC	W20EPB	062110370304
LX15TC-1	W20EPB	062110370304
LX17LTC-1	W20EPBR-S	062110380304
N15Y	W20FP-U	062110420304
N15YC	W20FP-U	062110420304

CHAMPION

10R12A	K20PR-ZU11	062110090304
206	K22PR-ZU	062110140304
3322	K20PR-ZU11	062110090304
7440	PKJ16CR-L11	062110210304
942M	PKJ16CR-L11	062110210304
952M	PKJ16CR-L11	062110210304
955	XU24EPR-U	062110470304
9FYSR	W20EPR-U	062110390304
9FYSSR	W20EPR-U	062110390304
9GYSSR	K20PR-U	062110070304
BN12Y	T16EPR-U	062110600304
BN5	T22EP-U	062110340304
BN6Y	T22EP-U	062110340304
BN7Y	T22EP-U	062110340304
BN89Y	T20EP-U	062110330304
BN9Y	T20EP-U	062110330304
C10YCC	Q20P-U	062110270304
C10YCX	Q20P-U	062110270304
C11YCC	Q16P-U11	062110240304
C12YCC	Q16P-U11	062110240304
C279YC	Q22P-U	062110300304
C281YC	Q20P-U	062110270304
C6BMC	K22PBR-S	062110130304
C6VPYC	K22PR-ZU	062110140304
C6YC	Q22P-U	062110300304
C6YCC	Q22P-U	062110300304
C6YCX	Q22P-U	062110300304
C7BMC	K22PBR-S	062110130304
C7GY	K22PR-ZU	062110140304
C7Y	Q22P-U	062110300304
C7YC	Q22P-U	062110300304
C7YCC	Q22P-U	062110300304
C7YCX	Q22P-U	062110300304
C9BMC	K20TXR	062110120304
C9BYC	K20PBR	062110050304
C9GY	K20PR-ZU11	062110090304
C9Y	Q20P-U	062110270304
C9YC	Q20P-U	062110270304
C9YCC	Q20P-U	062110270304
C9YCX	Q20P-U	062110270304

CHAMPION

EON3	T20EPR-U	062110320304
EON4	PT16VR13	062110220304
EON5	W20EPR-U	062110390304
FN507Y	Q22P-U	062110300304
KC11PYP	PK16PR-L11	062110540304
KC8ZMCC	K20PBR-S10	062110060304
KC8ZPYPB4	PKJ16CR-L11	062110210304
L66Y	W20FP-U	062110420304
L87Y	W20FP-U	062110420304
L87YC	W20FP-U	062110420304
L87YCC	W20FP-U	062110420304
L9YC	W20FP-U	062110420304
N10Y	W20EP-U	062110410304
N11Y	W16EP-U	062110360304
N11YC	W16EP-U	062110360304
N11YCC	W16EP-U	062110360304
N12Y	W16EP-U	062110360304
N12YC	W16EP-U	062110360304
N12YCC	W16EP-U	062110360304
N13Y	W16EP-U	062110360304
N14Y	W16EP-U	062110360304
N279Y	W22EP-U	062110450304
N279YC	W22EP-U	062110450304
N281YC	W20EP-U	062110410304
N65Y	W22EP-U	062110450304
N66Y	W20EP-U	062110410304
N79Y	W22EP-U	062110450304
N7Y	W22EP-U	062110450304
N7YC	W22EP-U	062110450304
N7YC	W22EP-U	062110450304
N7YCC	W22EP-U	062110450304
N7YCE	W22EP-U	062110450304
N7YCX	W22EP-U	062110450304
N8Y	W20EP-U	062110410304
N9BYC	W20EPB	062110370304
N9BYC4	W20EPB	062110370304
N9Y	W20EP-U	062110410304
N9YC	W20EP-U	062110410304
N9YCC	W20EP-U	062110410304
N9YCX	W20EP-U	062110410304
OE001	W20EP-U	062110410304
OE002	Q20PR-U	062110250304
OE003	Q20P-U	062110270304
OE004	W20EPR-U	062110390304
OE005	Q20PR-U	062110250304
OE006	W20EPR-U	062110390304
OE007	W20FP-U	062110420304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****CHAMPION**

OE008	W22EPR-U	062110430304
OE009	T20EP-U	062110330304
OE010	W22EP-U	062110450304
OE011	T20EPR-U	062110320304
OE013	Q16PR-U	062110230304
OE014	Q22PR-U	062110280304
OE015	W16EP-U	062110360304
OE016	K16PR-U	062110020304
OE017	Q22P-U	062110300304
OE018	W22EPR-U	062110430304
OE019	K20TXR	062110120304
OE020	T20EPR-U	062110320304
OE022	W20EP-U	062110410304
OE023	Q20P-U	062110270304
OE024	Q20PR-U11	062110260304
OE025	W20EPBR-S	062110380304
OE026	K20TXR	062110120304
OE027	W20EPBR-S	062110380304
OE028	W20EPB	062110370304
OE029	PT16VR13	062110220304
OE031	PT16VR13	062110220304
OE032	K20PBR-S10	062110060304
OE033	K20PR-U	062110070304
OE034	K20PR-U	062110070304
OE035	K16HPR-U11	062110010304
OE036	T20EP-U	062110330304
OE039	Q20PR-U11	062110260304
OE042	W16EPR-U	062110350304
OE043	Q22PR-U	062110280304
OE044	W20EPB	062110370304
OE045	W16EPR-U	062110350304
OE046	W22EP-U	062110450304
OE047	W20EPR-U11	062110400304
OE048	Q22PR-U	062110280304
OE049	W16EPR-U11	062110610304
OE050	T22EP-U	062110340304
OE051	W16EPR-U	062110350304
OE052	XU24EPR-U	062110470304
OE055	W16EP-U	062110360304
OE056	Q22PR-U11	062110290304
OE057	Q16P-U11	062110240304
OE058	Q22P-U	062110300304
OE062	K16PR-U11	062110030304
OE063	K16PR-U11	062110030304
OE065	W16EP-U	062110360304
OE066	K20R-U	062110100304
OE067	T22EP-U	062110340304

**DENSO****MAGNETI
MARELLI****CHAMPION**

OE069	Q20P-U	062110270304
OE070	W20FP-U	062110420304
OE072	T20EP-U	062110330304
OE073	XU24EPR-U	062110470304
OE075	Q22P-U	062110300304
OE077	K22PBR-S	062110130304
OE080	Q22PR-U11	062110290304
OE081	K20PR-U11	062110080304
OE082	T22EP-U	062110340304
OE083	XU24EPR-U	062110470304
OE085	K20TXR	062110120304
OE088	Q16PR-U	062110230304
OE090	T22EP-U	062110340304
OE093	K16PR-U	062110020304
OE094	Q22PR-U	062110280304
OE097	W22EPR-U	062110430304
OE099	T16EPR-U	062110600304
OE101	W16EPR-U11	062110610304
OE102	K20PR-U	062110070304
OE106	W16EP-U	062110360304
OE107	W22EPR-U11	062110440304
OE110	Q22PR-U	062110280304
OE111	W20EPR-U	062110390304
OE113	W20EPR-U11	062110400304
OE117	W22EPR-U11	062110440304
OE118	K22PBR-S	062110130304
OE119	K20PR-U	062110070304
OE120	K20PBR-S10	062110060304
OE121	Q16PR-U	062110230304
OE122	IU22	062120090304
OE123	K20PBR-S10	062110060304
OE124	PK16PR11	062110170304
OE126	PK22PR8	062110580304
OE127	K20PR-U	062110070304
OE129	K22PR-ZU	062110140304
OE130	XE20HR-U9	062110630304
OE133	T22EP-U	062110340304
OE135	K16HPR-U11	062110010304
OE136	PK20PR-P8	062110190304
OE137	Q16PR-U	062110230304
OE138	PK16PR-L11	062110540304
OE140	KJ20CR-L11	062110160304
OE143	PK20PR-P8	062110190304
OE144	PK20PR-P8	062110190304
OE146	PK20PR11	062110180304
OE147	KJ20CR-L11	062110160304
OE148	K16HPR-U11	062110010304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****CHAMPION**

OE149	PK16PR-L11	062110540304
OE151	T16EPR-U	062110600304
OE152	K20PR-U11	062110080304
OE153	K16PR-U	062110020304
OE154	KJ16CR-L11	062110150304
OE161	W16EPR-U	062110350304
OE170	W16EPR-U	062110350304
OE175	K16HPR-U11	062110010304
OE176	PKJ16CR-L11	062110210304
OE177	KJ16CR-L11	062110150304
OE178	K20HR-U11	062110040304
ON11Y	W16EPR-U	062110350304
ON12Y	W16EPR-U	062110350304
QC12PEP	PKJ16CR-L11	062110210304
QC12YC	Q16PR-U	062110230304
QC9MC4	KJ20CR-L11	062110160304
RA4HC	XU24EPR-U	062110470304
RA4HCC	XU24EPR-U	062110470304
RA4HCX	XU24EPR-U	062110470304
RA6	XU24EPR-U	062110470304
RA6HC	XU24EPR-U	062110470304
RA6Y	XU24EPR-U	062110470304
RA6YC	XU24EPR-U	062110470304
RA8HC	XU22EPR-U	062110460304
RA8YC	XU22EPR-U	062110460304
RBN12Y	T16EPR-U	062110600304
RBN13Y	T16EPR-U	062110600304
RBN14Y	T16EPR-U	062110600304
RBN9Y	T20EPR-U	062110320304
RC10DMC	K20TXR	062110120304
RC10MC4	KJ16CR-L11	062110150304
RC10PYP4	PK16PR11	062110170304
RC10VTYC4	K20PBR-S10	062110060304
RC10YC	Q16PR-U	062110230304
RC10YC4	K16PR-U11	062110030304
RC10YCC	K16PR-U	062110020304
RC10YCC4	K16PR-U11	062110030304
RC10YCL	K16PR-U	062110020304
RC10YCX	K16PR-U	062110020304
RC10YP4	K20PR-ZU11	062110090304
RC11PYPB4	PK16PR-L11	062110540304
RC12PEC5	PKJ16CR-L11	062110210304
RC12PMC5	PKJ16CR-L11	062110210304
RC12YC	Q16PR-U	062110230304
RC12YCC	Q16PR-U	062110230304
RC12YCE	Q16PR-U	062110230304
RC14YC	Q16PR-U	062110230304

CHAMPION

RC279YC	Q22PR-U	062110280304
RC281YC	Q20PR-U	062110250304
RC6BMC	K22PBR-S	062110130304
RC6PYP	PK22PR8	062110580304
RC6VPYC	K22PR-ZU	062110140304
RC6YC	Q22PR-U	062110280304
RC6YCC	Q22PR-U	062110280304
RC7BMC	K22PBR-S	062110130304
RC7BYC	K22PBR-S	062110130304
RC7BYC4	K22PBR-S	062110130304
RC7GYC	K22PR-ZU	062110140304
RC7Y	Q22PR-U	062110280304
RC7YC	Q22PR-U	062110280304
RC7YC4	Q22PR-U11	062110290304
RC7YCC	Q22PR-U	062110280304
RC7YCC4	Q22PR-U11	062110290304
RC7YCX	Q22PR-U	062110280304
RC87YC	K20PR-U	062110070304
RC87YCC	K20PR-U	062110070304
RC87YCL	K20PR-U	062110070304
RC89TMC	K20PBR-S10	062110060304
RC89YCC	K16PR-U	062110020304
RC89YCL	K16PR-U	062110020304
RC8DMC	K20TXR	062110120304
RC8MCC	KJ20CR-L11	062110160304
RC8MCC4	KJ20CR-L11	062110160304
RC8PYCB	PK20PR-P8	062110190304
RC8PYP	PK20PR-P8	062110190304
RC8PYP4	PK20PR11	062110180304
RC8PYPB4	PK20PR11	062110180304
RC8PYX	K20PR-ZU11	062110090304
RC8PYX	K20TXR	062110120304
RC8TYC	K20PBR-S10	062110060304
RC8VTYC4	K20PBR-S10	062110060304
RC8YC	K20PR-U	062110070304
RC8YC4	K20PR-U11	062110080304
RC8YCC	K20PR-U	062110070304
RC8YCC4	K20PR-U11	062110080304
RC8YCL	K20PR-U	062110070304
RC9BMC	K20TXR	062110120304
RC9BYC	K20PBR	062110050304
RC9MCC	K20R-U	062110100304
RC9PYX	K20TXR	062110120304
RC9Y	Q20PR-U	062110250304
RC9YC	Q20PR-U	062110250304
RC9YC4	Q20PR-U11	062110260304
RC9YCC	Q20PR-U	062110250304

DENSO**MAGNETI MARELLI****DENSO****MAGNETI MARELLI****CHAMPION**

RC9YCC4	Q20PR-U11	062110260304
RC9YCE	Q20PR-U	062110250304
RC9YCN4	Q20PR-U11	062110260304
RE7PYC5	PT16VR13	062110220304
RE7YCC	PT16VR13	062110220304
REA8MCL	XE20HR-U9	062110630304
REC10YC4	K16HPR-U11	062110010304
REC10PYC4	K16HPR-U11	062110010304
REC14PYC	K16HPR-U11	062110010304
REC9YCL	K20HR-U11	062110040304
RES9PYP4	PT16VR13	062110220304
RES9YCC4	T16VR-U10	062110310304
RG4PHP	IU22	062120090304
RN10VTYC4	W20EPBR-S	062110380304
RN10Y	W20EPR-U	062110390304
RN10Y4	W20EPR-U11	062110400304
RN10YC	W20EPR-U	062110390304
RN10YC4	W20EPR-U11	062110400304
RN10YCC4	W20EPR-U11	062110400304
RN11Y	W16EPR-U	062110350304
RN11Y4	W16EPR-U11	062110610304
RN11YC	W16EPR-U	062110350304
RN11YC4	W16EPR-U11	062110610304
RN11YCC	W16EPR-U	062110350304
RN11YCC4	W16EPR-U11	062110610304
RN12MC4	W16EXR-U11	062110620304
RN12Y4	W16EPR-U11	062110610304
RN12YC	W16EPR-U	062110350304
RN12YC6	W16EPR-U11	062110610304
RN12YCC	W16EPR-U	062110350304
RN14Y	W16EPR-U	062110350304
RN14YC	W16EPR-U	062110350304
RN279YC	W22EPR-U	062110430304
RN281YC	W20EPR-U	062110390304
RN7LCC	W22EPR-U	062110430304
RN7Y	W22EPR-U	062110430304
RN7YC	W22EPR-U	062110430304
RN7YC4	W22EPR-U11	062110440304
RN7YCC	W22EPR-U	062110430304
RN7YCC4	W22EPR-U11	062110440304
RN7YCX	W22EPR-U	062110430304
RN8VTYC4	W20EPBR-S	062110380304
RN8YC	W20EPR-U	062110390304
RN8YC4	W20EPR-U11	062110400304
RN9Y	W20EPR-U	062110390304
RN9YC	W20EPR-U	062110390304
RN9YC4	W20EPR-U11	062110400304

**DENSO****MAGNETI MARELLI****CHAMPION**

RN9YCC	W20EPR-U	062110390304
RN9YCC4	W20EPR-U11	062110400304
RN9YCE	W20EPR-U	062110390304
RN9YCX	W20EPR-U	062110390304
RS12YC	T16EPR-U	062110600304
RS14YC	T16EPR-U	062110600304
RS16YC	T16EPR-U	062110600304
RS17YX	T16EPR-U	062110600304
RS279YC	T22EP-U	062110340304
RS281YC	T20EPR-U	062110320304
RS5C	T22EP-U	062110340304
RS6YC	T22EP-U	062110340304
RS6YCC	T22EP-U	062110340304
RS7YC	T22EP-U	062110340304
RS9Y	T20EPR-U	062110320304
RS9YC	T20EPR-U	062110320304
RS9YCC	T20EPR-U	062110320304
RS9YCX	T20EPR-U	062110320304
S10YCC	T20EP-U	062110330304
S279YC	T22EP-U	062110340304
S281YC	T20EP-U	062110330304
S379YC	T22EP-U	062110340304
S6YC	T22EP-U	062110340304
S6YCC	T22EP-U	062110340304
S7YC	T22EP-U	062110340304
S7YCC	T22EP-U	062110340304
S9YC	T20EP-U	062110330304
S9YCC	T20EP-U	062110330304
S9YCX	T20EP-U	062110330304
UN79Y	W22EP-U	062110450304
XC12PEP	PKJ16CR-L11	062110210304
XC12PEPB	PKJ16CR-L11	062110210304
CHRYSLER		
4318131	W16EPR-U11	062110610304
4671057	K20PR-U	062110070304
4796779	PK16PR11	062110170304
5213693	W16EPR-U	062110350304
5269556	K20PR-U11	062110080304
5269897	K20PR-U	062110070304
56006240	K16PR-U	062110020304
56027108	KJ20CR-L11	062110160304
56028179	KJ20CR-L11	062110160304
56028189	KJ16CR-L11	062110150304
56028886AA	K16R-U11	062110490304
MS851336	PK20PR-P11	062110570304
MS851357	K16PR-U11	062110030304
MS851502	PK20PR-P11	062110570304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****CHRYSLER**

MS851552	W16EPR-U11	062110610304
MS851555	W20EPR-U	062110390304
MS851571	K20PR-U11	062110080304
MS851572	K16PR-U11	062110030304
MS851622	K20PR-ZU11	062110090304
MS851727	K16PR-U11	062110030304
SP0RC12ECC	KJ16CR-L11	062110150304

CITROËN

5960.54	IKH16	062120050304
5960.57	K16HPR-U11	062110010304
5960.58	K16HPR-U11	062110010304
5960.83	XE20HR-U9	062110630304
5960.84	XE20HR-U9	062110630304
5962.0G	Q20PR-U	062110250304
5962.0J	Q16PR-U	062110230304
5962.0P	Q20PR-U	062110250304
5962.4A	K20TXR	062110120304
5962.4E	W20EPR-U	062110390304
5962.6L	K20PR-U	062110070304
5962.7S	K20PR-U	062110070304
5962.K1	Q22PR-U	062110280304
5962.OE	PK20PR11	062110180304
5962.T0	Q20PR-U	062110250304
5962.W1	Q20PR-U	062110250304
5962.Y1	K16TNR-S9	062110500304
5962.Z1	PK20PR11	062110180304
91.517.001	W20EP-U	062110410304
91.517.007	T20EP-U	062110330304
91.517.013	T20EP-U	062110330304
95.619.040	W20FP-U	062110420304
95.619.041	T22EP-U	062110340304
95.619.041	W22EP-U	062110450304
96.024.607	Q22P-U	062110300304
96.024.614	Q20P-U	062110270304
96.037.952	Q16P-U11	062110240304
96.064.890	Q16PR-U	062110230304
96.070.659	Q20P-U	062110270304
96.070.663	Q20PR-U	062110250304
96.088.669	Q22PR-U	062110280304
96.089.220	Q20PR-U	062110250304
96.096.685	K22PBR-S	062110130304
MYC.000006R	Q22PR-U	062110280304
MYC.000007R	Q22PR-U	062110280304
MYC.000279N	W22EP-U	062110450304
ZB.9000.060.U	W22EP-U	062110450304
ZB.9000.061.U	T20EP-U	062110330304
ZB.9000.062.U	T20EP-U	062110330304

**DENSO****MAGNETI
MARELLI****CITROËN**

ZB.9000.063.U	Q22P-U	062110300304
ZB.9000.064.U	Q20P-U	062110270304
ZB.9862.093.U	W20EP-U	062110410304
ZB.9862.094.U	T22EP-U	062110340304
ZB.9862.095.U	T20EP-U	062110330304

DAEWOO

96110493	W20EPR-U	062110390304
0242229606.	K16TNR-S9	062110500304
0242229611.	W16EPR-U	062110350304
ZWR8DC	W16EPR-U	062110350304

DAIHATSU

9004851034000	W20EP-U	062110410304
9004851055000	W20EP-U	062110410304
9004851081000	W16EPR-U11	062110610304
9004851093000	W16EXR-U11	062110620304
9004851096000	W20EPR-U	062110390304
9004851100000	K20PR-U11	062110080304
9004851114000	W16EPR-U	062110350304
9004851135000	W20EPR-U	062110390304
9004851152000	K20PR-U	062110070304
9004851157000	K16PR-U11	062110030304
9004851158000	K16PR-U11	062110030304
9004851159000	K20TNR-S9	062110110304
9004851160000	K20TNR-S9	062110110304
9004851164000	K16TNR-S9	062110500304
9004851166000	PK20PR-P8	062110190304
9004851174000	PK20PTR-S9	062110200304
9004851175000	PK20PTR-S9	062110200304
9091951072000	W16EP-U	062110360304
9004851005000	W20EP-U	062110410304
9004851043000	W20EPR-U	062110390304
9004851055000	W20EP-U	062110410304
9004851091000	W16EXR-U11	062110620304
9004851095000	W20EPR-U	062110390304
9004851099000	K20PR-U11	062110080304
9004851117000	PK20PR11	062110180304
9004851151000	K20PR-U	062110070304
9004851157000	K16PR-U11	062110030304
9004851164-A	K16TNR-S9	062110500304
9004851164000	K16TNR-S9	062110500304
9091901027000	W16EP-U	062110360304
9922611236131	W22EP-U	062110450304
9993409685100	W20FP-U	062110420304
9993411685100	W16EXR-U11	062110620304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****EYQUEM / KLG**

600LS	W16EP-U	062110360304
705S	W20FP-U	062110420304
707LS	W16EP-U	062110360304
750LS	W20EP-U	062110410304
753LJS	T20EP-U	062110330304
755LJS	T20EP-U	062110330304
755LS	W20EP-U	062110410304
775SX	W20FP-U	062110420304
800LJS	T22EP-U	062110340304
800LS	W22EP-U	062110450304
803LJS	T22EP-U	062110340304
850LS	W22EP-U	062110450304
C32LS	W16EP-U	062110360304
C32LS	W16EP-U	062110360304
C42LJS3	T16EPR-U	062110600304
C42S	W20FP-U	062110420304
C52LJS	T20EP-U	062110330304
C52LS	W16EP-U	062110360304
C62LJS	T20EP-U	062110330304
C62LS	W20EP-U	062110410304
C62LS3X	W20EPB	062110370304
C72LJS	T22EP-U	062110340304
C72LS	W22EP-U	062110450304
C82LJS	T22EP-U	062110340304
C82LS	W22EP-U	062110450304
C83LJS	T22EP-U	062110340304
F65P	W20FP-U	062110420304
F85P	W20FP-U	062110420304
F86	K22PR-ZU	062110140304
FC42LS	Q16P-U11	062110240304
FC42LS	Q16PR-U	062110230304
FC42LS2E	K16TNR-S9	062110500304
FC52LS	Q20P-U	062110270304
FC58LS	Q20P-U	062110270304
FC58LS2E	K20TXR	062110120304
FC58LS3	K20PBR	062110050304
FC62LS	Q20P-U	062110270304
FC62LS3	K20PBR	062110050304
FC62LS3X	K20PBR	062110050304
FC72LS	Q22P-U	062110300304
FC82LS	Q22P-U	062110300304
FE125P	W20EP-U	062110410304
FE135P	W22EP-U	062110450304
FE45P	W16EP-U	062110360304
FE55P	W20EP-U	062110410304
FE65CPR	W20EPR-U	062110390304
FE65P	W20EP-U	062110410304

EYQUEM / KLG

FE85P	W20EP-U	062110410304
FE95P	W22EP-U	062110450304
FET65P	T20EP-U	062110330304
FET75P	T22EP-U	062110340304
FN52LS	W20EPR-U	062110390304
GT5L	W16EP-U	062110360304
GT6	W20FP-U	062110420304
GT6L	W20EP-U	062110410304
GT7L	W22EP-U	062110450304
RC32LS	W16EPR-U	062110350304
RC32LS5	W16EPR-U11	062110610304
RC52LJS	T20EPR-U	062110320304
RC52LJS5	T20EPR-U	062110320304
RC52LS	W20EPR-U	062110390304
RC52LS5	W20EPR-U11	062110400304
RC52LZ3EX	W20EPBR-S	062110380304
RC58LZ3EX	W20EPBR-S	062110380304
RC62HJSDP	PT16VR13	062110220304
RC62LJS	T20EPR-U	062110320304
RC62LJS5	T20EPR-U	062110320304
RC62LS	W20EPR-U	062110390304
RC62LS	W20EPR-U	062110390304
RC62LS5	W20EPR-U11	062110400304
RC72LJS	T22EP-U	062110340304
RC72LJS2	T22EP-U	062110340304
RC72LJS3	T22EP-U	062110340304
RC72LJS5	T22EP-U	062110340304
RC72LS	W22EPR-U	062110430304
RC72LS5	W22EPR-U11	062110440304
RC82LS	W22EPR-U	062110430304
RC82LS5	W22EPR-U11	062110440304
RFC32LZ5	K16R-U11	062110490304
RFC42LS	Q16PR-U	062110230304
RFC42LS2E	K16TNR-S9	062110500304
RFC42LZ2E	K16TNR-S9	062110500304
RFC50LZ2E	K16TNR-S9	062110500304
RFC52LS	Q20PR-U	062110250304
RFC52LS2E	K20TXR	062110120304
RFC52LS3	K20PBR	062110050304
RFC52LS5	Q20PR-U11	062110260304
RFC52LSP	K20TXR	062110120304
RFC52LSP	PK20PR11	062110180304
RFC52LZ3EX	K20PBR-S10	062110060304
RFC52LZE	K16R-U	062110480304
RFC57LS3	K20PBR	062110050304
RFC58LS	Q20PR-U	062110250304
RFC58LS2E	K20TXR	062110120304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****EYQUEM / KLG**

RFC58LS3	K20PBR	062110050304
RFC58LS5	Q20PR-U11	062110260304
RFC58LSP	K20TXR	062110120304
RFC58LSP	PK20PR11	062110180304
RFC58LZ	Q20PR-U	062110250304
RFC58LZ2E	K20TXR	062110120304
RFC58LZ3EX	K20PBR-S10	062110060304
RFC58LZDP	PK20PR-P8	062110190304
RFC58LZE5	KJ20CR-L11	062110160304
RFC58LZK	K20PR-U	062110070304
RFC62LS	Q22PR-U	062110280304
RFC62LS3	K22PBR-S	062110130304
RFC62LS3X	K22PBR-S	062110130304
RFC62LS5	Q22PR-U11	062110290304
RFC62LZ3EX	K22PBR-S	062110130304
RFC82LS	Q22PR-U	062110280304
RFC82LS3	K22PBR-S	062110130304
RFC82LS5	Q22PR-U11	062110290304
RFN52HZ	K16HPR-U11	062110010304
RFN52HZ3A	IKH16	062120050304
RFN52LZ	K20PR-U	062110070304
RFN52LZDPF5	PKJ16CR-L11	062110210304
RFN58LZ	K20PR-U	062110070304
XC32LS	W16EPR-U	062110350304
XC52LS	W16EPR-U	062110350304
XC62LJS	T20EPR-U	062110320304
XC62LS	W20EPR-U	062110390304
XC72LS	W22EPR-U	062110430304
XFC62LS	Q22PR-U	062110280304
XFC82LS	Q22PR-U	062110280304

FERRARI

169483	IU22	062120090304
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FIAT

4401549	W20EPR-U	062110390304
4401550	W20EPR-U	062110390304
4401552	W22EPR-U	062110430304
5894585	W22EPR-U	062110430304
5894586	K20PR-U	062110070304
5894586	W20EPR-U	062110390304
5894588	Q22PR-U	062110280304
5896177	K22PBR-S	062110130304
5984035	W22EPR-U	062110430304
5984036	W20EPR-U	062110390304
7546518	Q20PR-U	062110250304
7546519	K20PR-U	062110070304
7554432	W20EPR-U	062110390304
7554434	W22EPR-U	062110430304

**DENSO****MAGNETI
MARELLI****FIAT**

7554436	W22EPR-U	062110430304
7554437	W20EPR-U	062110390304
7554442	W20EP-U	062110410304
7554444	W20EPR-U	062110390304
7554445	W20FP-U	062110420304
7565853	K20PBR	062110050304
7571541	Q20PR-U	062110250304
7571564	K22PBR-S	062110130304
7571575	W22EPR-U	062110430304
7571576	Q20PR-U	062110250304
7571577	W20EPR-U	062110390304
7571579	K22PBR-S	062110130304
7651745	W22EPR-U	062110430304
7651745	W22EPR-U	062110430304
7668669	W20EPR-U	062110390304
7683358	Q20PR-U	062110250304
7686643	W20EPBR-S	062110380304
7698212	K22PBR-S	062110130304
7760381	W22EPR-U	062110430304
7760382	W20EPR-U	062110390304
7760383	K20PR-U	062110070304
7760384	Q22PR-U	062110280304
7769243	K20PBR	062110050304
7772453	K20PR-U	062110070304
7772515	W22EPR-U	062110430304
46093110	W20EP-U	062110410304
46144731	XU24EPR-U	062110470304
46229251	W20EP-U	062110410304
46417010	K20PR-U	062110070304
46449690	PK20PTR-S9	062110200304
46551935	K16PR-U	062110020304
46750545	XU24EPR-U	062110470304
60504563	W20EP-U	062110410304
60512848	K20PBR	062110050304
60569957	PK20PR-P8	062110190304
60597490	Q22P-U	062110300304
60800325	W22EPR-U	062110430304
60806024	W20EPB	062110370304
60810689	PK20PR-P8	062110190304
71711638	K20PR-U	062110070304
71711639	W20EPR-U	062110390304
71711640	W20EPR-U	062110390304
71711806	W20EPR-U	062110390304
71711808	Q20PR-U	062110250304
71741208	PT16VR13	062110220304
7910247204	T20EPR-U	062110320304
9151700180	W20EPR-U	062110390304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****FIAT**

9618494580	K20TXR	062110120304
9618571880	K20TXR	062110120304
9619624580	K20TXR	062110120304
1L45JR	W22EPR-U	062110430304
1L4J	W20EPR-U	062110390304
1L4JR	W20EPR-U	062110390304
4VLSR	W20EPR-U	062110390304
7FYS	W22EP-U	062110450304
7FYSR	W22EPR-U	062110430304
7FYSSR	W22EPR-U	062110430304
7GBMSR	K22PBR-S	062110130304
7GBYSR4	K22PBR-S	062110130304
7GYSSR	Q22PR-U	062110280304
9FYS	W20EP-U	062110410304
9FYSR	W20EPR-U	062110390304
9FYSSR	W20EPR-U	062110390304
9GYSR	Q20PR-U	062110250304
9GYSSR	Q20PR-U	062110250304
V4LSR	W22EPR-U	062110430304
V4LSR	W20EPR-U	062110390304

FORD

1 023 706	K20PR-ZU11	062110090304
1 032 705	K20PBR-S10	062110060304
1 077 002	PT16VR13	062110220304
1 086 019	K20PR-ZU11	062110090304
1 086 020	PK20PR11	062110180304
1 087 278	Q20PR-U	062110250304
1 088 847	T16VR-U10	062110310304
1 120 824	T16EPR-U	062110600304
1 120 825	T20EP-U	062110330304
1 125 332	PK20PR11	062110180304
2 000 077	PK20PR-P8	062110190304
3 899 252	K20PR-U11	062110080304
5 029 052	W20EPB	062110370304
5 099 342	T20EPR-U	062110320304
5 099 721	T20EPR-U	062110320304
5 099 723	T20EPR-U	062110320304
5 099 725	K22PR-ZU	062110140304
5 099 727	Q20PR-U11	062110260304
5 099 728	Q20PR-U11	062110260304
5 099 729	K20PR-ZU11	062110090304
5 099 747	W20FP-U	062110420304
5 099 750	T22EP-U	062110340304
5 099 751	W16EP-U	062110360304
5 099 766	T20EPR-U	062110320304
5 099 767	W20EPR-U	062110390304
5 099 768	W22EPR-U	062110430304

FORD

5 099 775	Q20PR-U	062110250304
5 099 777	Q20PR-U	062110250304
5 099 778	Q22PR-U	062110280304
5 099 779	Q20P-U	062110270304
5 099 780	Q22P-U	062110300304
5 099 781	T20EP-U	062110330304
5 099 782	W20EP-U	062110410304
5 099 783	W22EP-U	062110450304
5 099 784	W20FP-U	062110420304
5 099 827	K22PR-ZU	062110140304
5 099 946	T22EP-U	062110340304
5 099 947	T22EP-U	062110340304
6 726 180	PT16VR13	062110220304
6 762 458	PK20PR-P11	062110570304
7 099 023	PK20PR11	062110180304
7 335 128	K20PR-ZU11	062110090304
9 059 238 4	Q22PR-U	062110280304
H82SM 12405 AA	Q22PR-U	062110280304
V92HF 12405 BA	PK20PR-P8	062110190304

GENERAL MOTORS

5613100	W20EPR-U	062110390304
90541059	K20TXR	062110120304
96068562	K20PR-U	062110070304
96068563	K20PR-U	062110070304

HKS

F30i	K20PR-ZU11	062110090304
S30i	IK20	062120040304
S40X	IXU24	062120080304

HONDA

98079-1016G	KJ16CR-L11	062110150304
98079-55132	W16EXR-U11	062110620304
98079-55145	W16EPR-U11	062110610304
98079-55146	W16EXR-U11	062110620304
98079-5514E	K16PR-U11	062110030304
98079-5514G	KJ16CR-L11	062110150304
98079-5514H	PK16PR-L11	062110540304
98079-5514N	PKJ16CR-L11	062110210304
98079-5514P	KJ16CR-L11	062110150304
98079-55155	W16EPR-U11	062110610304
98079-55158	Q16PR-U	062110230304
98079-5515E	K16PR-U11	062110030304
98079-5515G	KJ16CR-L11	062110150304
98079-5515H	PK16PR-L11	062110540304
98079-55817	W16EPR-U	062110350304
98079-55841	W16EP-U	062110360304
98079-55846	W16EPR-U	062110350304
98079-55854	W16EP-U	062110360304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****HONDA**

98079-55855	W16EPR-U	062110350304
98079-56148	Q20PR-U11	062110260304
98079-5614A	Q20PR-U11	062110260304
98079-5614E	K20PR-U11	062110080304
98079-5614G	KJ20CR-L11	062110160304
98079-5614J	K20PR-L11	062110510304
98079-5614P	KJ20CR-L11	062110160304
98079-56155	W20EPR-U11	062110400304
98079-56158	Q20PR-U11	062110260304
98079-5615E	K20PR-U11	062110080304
98079-5615G	KJ20CR-L11	062110160304
98079-5615J	K20PR-L11	062110510304
98079-56811	W20EP-U	062110410304
98079-56841	W20EP-U	062110410304
98079-56846	W20EPR-U	062110390304
98079-56854	W20EP-U	062110410304
98079-56855	W20EPR-U	062110390304
98079-5714H	PK22PR-L11S	062110590304
98079-57155	W22EPR-U11	062110440304
98079-57158	Q22PR-U11	062110290304
98079-5715H	PK22PR-L11S	062110590304
ZH980-001-000	W20EPR-U	062110390304

HYUNDAI

099PM-18000	PK16PR11	062110170304
18811-08061	W20EPR-U	062110390304
18811-11061	W20EPR-U11	062110400304
18814-08051	Q20PR-U	062110250304
18814-08061	K20PR-U	062110070304
18814-11041	K16PR-U11	062110030304
18814-11051	K16PR-U11	062110030304
18822-11091	W20EPR-U11	062110400304
18823-11091	K20PR-U11	062110080304
18823-11101	K16PR-U11	062110030304
18826-11101	PK16PR11	062110170304

ISKRA

F65CP	W20FP-U	062110420304
F65P	W20FP-U	062110420304
F65PS	W20FP-U	062110420304
F85CP	W20FP-U	062110420304
F85P	W20FP-U	062110420304
F85PS	W20FP-U	062110420304
FE125P	W20EP-U	062110410304
FE135P	W22EP-U	062110450304
FE45P	W16EP-U	062110360304
FE55P	W16EP-U	062110360304
FE55PRS	W16EPR-U	062110350304
FE55PS	W16EP-U	062110360304

ISKRA

FE65CP	W20EP-U	062110410304
FE65CPD	W20EPB	062110370304
FE65CPR	W20EPR-U	062110390304
FE65PR	W20EPR-U	062110390304
FE65PRS	W20EPR-U	062110390304
FE65PS	W20EP-U	062110410304
FE65PTRS	W20EPBR-S	062110380304
FE65PTS	W20EPB	062110370304
FE85CP	W22EP-U	062110450304
FE85CPR	W22EPR-U	062110430304
FE85CPR-11	W22EPR-U11	062110440304
FE85P	W22EP-U	062110450304
FE85PR	W22EPR-U	062110430304
FE85PR-11	W22EPR-U11	062110440304
FE85PRS	W22EPR-U	062110430304
FE85PS	W22EP-U	062110450304
FE95P	W22EP-U	062110450304
FE95PR	W22EPR-U	062110430304
FET55PRS	T16EPR-U	062110600304
FET65P	T20EP-U	062110330304
FET65PRS	T20EPR-U	062110320304
FET65PS	T20EP-U	062110330304
FET75CP	T22EP-U	062110340304
FET75CPR	T22EP-U	062110340304
FET75P	T22EP-U	062110340304
FET75PRS	T22EP-U	062110340304
FET75PS	T22EP-U	062110340304
GT5L	W16EP-U	062110360304
GT6	W20FP-U	062110420304
GT6L	W20EP-U	062110410304
GT7L	W22EP-U	062110450304
SFE55LDRS	K20TXR	062110120304
SFE55LRS	KJ16CR-L11	062110150304
SFE55LS	KJ16CR-L11	062110150304
SFE55PRS	Q16PR-U	062110230304
SFE55PS	Q16P-U11	062110240304
SFE55PTRS	K20PBR-S10	062110060304
SFE55PTS	K20PBR	062110050304
SFE65CPR	Q20PR-U	062110250304
SFE65LDRS	K20TXR	062110120304
SFE65LDS	K20TXR	062110120304
SFE65LRS	KJ20CR-L11	062110160304
SFE65LTS	K20PBR	062110050304
SFE65PRS	Q20PR-U	062110250304
SFE65PS	Q20P-U	062110270304
SFE65PTRS	K20PBR	062110050304
SFE65PTS	K20PBR	062110050304

DENSO**MAGNETI MARELLI****DENSO****MAGNETI MARELLI****ISKRA**

SFE85CPR	Q22PR-U	062110280304
SFE85PRS	Q22PR-U	062110280304
SFE85PS	Q22P-U	062110300304
SFE85PTRS	K22PBR-S	062110130304

ISUZU

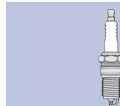
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5813800010	W16EPR-U	062110350304
5813800050	W16EP-U	062110360304
5813800060	W20EP-U	062110410304
5860031220	KJ16CR-L11	062110150304
5860031240	KJ20CR-L11	062110160304
5860076350	K16PR-U11	062110030304
5860076360	KJ16CR-L11	062110150304
5860076390	KJ20CR-L11	062110160304
5862052360	KJ16CR-L11	062110150304
5862052370	KJ16CR-L11	062110150304
8941205600	W16EPR-U11	062110610304
8941205610	W16EXR-U11	062110620304
8942172320	W20EPR-U11	062110400304
8942199430	W20EPR-U	062110390304
8943283720	K20PR-U11	062110080304
8943283740	K20PR-U11	062110080304
8970129280	K20PR-U	062110070304
8970129300	K20PR-U	062110070304
8971113760	PK16PR11	062110170304
8971259690	PK16PR11	062110170304
9825131030	W20EP-U	062110410304
9825131060	W16EP-U	062110360304

JAGUAR

EAC008584	T22EP-U	062110340304
EBC004021	T22EP-U	062110340304
NAB3850DA	T20EPR-U	062110320304
NCA3850DA/2	K20PR-ZU11	062110090304

LODGE

25HL	W22EP-U	062110450304
25HLD	Q22P-U	062110300304
2HL	W22EP-U	062110450304
2HLD	Q22P-U	062110300304
2HLDR	K22PBR-S	062110130304
B4Y	T22EP-U	062110340304
B6Y	T20EP-U	062110330304
B6YR	T20EPR-U	062110320304
HBLT	T20EP-U	062110330304
HL	W20EP-U	062110410304
HLD	Q20P-U	062110270304
HLT	T22EP-U	062110340304
L4Y	W22EP-U	062110450304

**DENSO****MAGNETI MARELLI****LODGE**

L4YR	W22EPR-U	062110430304
L6Y	W20EP-U	062110410304
L6YR	W20EPR-U	062110390304
M5Y	Q22P-U	062110300304
M5YR	Q22PR-U	062110280304
M6Y	Q20P-U	062110270304
M6YR	Q20PR-U	062110250304
S6Y	W20FP-U	062110420304

MAGNETI MARELLI

7LC	Q20P-U	062110270304
7LC1R	Q20PR-U11	062110260304
7LCR	Q20PR-U	062110250304
7LPR	Q20PR-U	062110250304
8LC	Q22P-U	062110300304
8LCR	Q22PR-U	062110280304
8LDCR	PT16VR13	062110220304
8LPR	Q22PR-U	062110280304
9LC	Q22P-U	062110300304
CW5LP	W16EP-U	062110360304
CW67LP	W20EP-U	062110410304
CW67P	W20EP-U	062110410304
CW6LP	W16EP-U	062110360304
CW6NP	W20FP-U	062110420304
CW75LP	W20EP-U	062110410304
CW78LP	W20EP-U	062110410304
CW78LPR	W20EPR-U	062110390304
CW7LCR	Q20PR-U	062110250304
CW7LP	W20EP-U	062110410304
CW7LPH	W20EP-U	062110410304
CW7LPR	W20EPR-U	062110390304
CW7NP	W20FP-U	062110420304
CW89LP	W22EP-U	062110450304
CW8LCR	Q22PR-U	062110280304
CW8LP	W22EP-U	062110450304
CW8LPR	W22EPR-U	062110430304
CW8LPS	W22EP-U	062110450304
F45LCR	W16EPR-U	062110350304
F45LDCR	W16EPR-U	062110350304
F4LC	W16EPR-U	062110350304
F4LCR	W16EPR-U	062110350304
F6LMC1R	W20EPBR-S	062110380304
F75LMC1R	W20EPBR-S	062110380304
F7LC	W20EP-U	062110410304
F7LCR	W20EPR-U	062110390304
F7LCR	W20EPR-U	062110390304
F7NC	W20FP-U	062110420304
F8LC	W22EP-U	062110450304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****MAGNETI MARELLI**

F8LCR	W22EPR-U	062110430304
F8LCR	W22EPR-U	062110430304
F8DCR	W22EPR-U	062110430304
FC8L	W22EP-U	062110450304
FL7LCR	W20EPR-U	062110390304
FL7LCR	W20EPR-U	062110390304
FL7MCR	W20EPBR-S	062110380304
FL8LCR	W22EPR-U	062110430304
FL8LCR	W22EPR-U	062110430304
L10BPCPR	IU22	062120090304
L10CR	XU24EPR-U	062110470304
L10DCR	XU24EPR-U	062110470304
L7LCD1R	Q20PR-U11	062110260304
L7LCR	Q20PR-U	062110250304
L7LDCR	K20PR-U	062110070304
L7MCR	K20PBR	062110050304
L8LCR	Q22PR-U	062110280304
L9LPCPR	PK22PR8	062110580304
T7LC	T20EP-U	062110330304
T7LCR	T20EPR-U	062110320304
T8LC	T22EP-U	062110340304
TW78LP	T20EP-U	062110330304
TW78LPR	T20EPR-U	062110320304
TW7LP	T20EP-U	062110330304
TW7LPR	T20EPR-U	062110320304

MARCHAL

35/1	W20FP-U	062110420304
35/1B	W20FP-U	062110420304
35/1D	W20FP-U	062110420304

MARCHAL

35/36D	W20FP-U	062110420304
35/36P	W20FP-U	062110420304
35/36R	W20FP-U	062110420304
35HA	W20EP-U	062110410304
M101	T20EPR-U	062110320304
M103	W20FP-U	062110420304
M104	T22EP-U	062110340304
M123	Q20PR-U	062110250304
M127	W20EPR-U	062110390304

MAZDA

1690-18-110	W20EPR-U	062110390304
1E05-18-110	PT16VR13	062110220304
8914-18-110	W16EPR-U	062110350304
B601-18-110	W16EPR-U11	062110610304
B602-18-110	W16EXR-U11	062110620304
B695-18-110	Q20PR-U	062110250304
B696-18-110	Q20PR-U	062110250304

MAZDA

BP01-18-110	K16PR-U11	062110030304
BP02-18-110	K16PR-U11	062110030304
BP03-18-110	K20PR-U11	062110080304
BP04-18-110	K20PR-U11	062110080304
BP11-18-110	K16PR-U11	062110030304
BP12-18-110	K20PR-U11	062110080304
BP47-18-110	K16PR-U	062110020304
BP48-18-110	K16PR-U	062110020304
BP49-18-110	K20PR-U	062110070304
BP50-18-110	K20PR-U	062110070304
F220-18-110	Q20PR-U11	062110260304
F221-18-110	Q20PR-U11	062110260304
JE04-18-110	Q22PR-U	062110280304
JE43-18-110	K20PR-ZU11	062110090304
YF10 18 110	PT16VR13	062110220304
ZZS1-18-110	XU22EPR-U	062110460304
ZZS2-18-110	XU22EPR-U	062110460304

MAZDA MOTORSPORTS

JE43-18-110	IK20	062120040304
JE44-18-110	IK20	062120040304

MERCEDES-BENZ

002.159.18.03	W22EP-U	062110450304
002.159.22.03	W16EP-U	062110360304
002.159.24.03	W20EP-U	062110410304
002.159.27.03	W22EP-U	062110450304
002.159.28.03	W20EP-U	062110410304
002.159.29.03	W16EP-U	062110360304
002.159.31.03	W16EP-U	062110360304
002.159.41.03	W20EP-U	062110410304
002.159.42.03	W20EP-U	062110410304
002.159.48.03	W16EP-U	062110360304
002.159.49.03	T20EP-U	062110330304
002.159.56.03	T20EP-U	062110330304
002.159.64.03	T22EP-U	062110340304
002.159.65.03	T22EP-U	062110340304
002.159.68.03	T20EP-U	062110330304
002.159.69.03	T20EP-U	062110330304
002.159.77.03	Q16P-U11	062110240304
003.159.06.03	T20EP-U	062110330304
003.159.07.03	T20EP-U	062110330304
003.159.08.03	T22EP-U	062110340304
003.159.10.03	W16EP-U	062110360304
003.159.11.03	W16EP-U	062110360304
003.159.12.03	W20EP-U	062110410304
003.159.13.03	W20EP-U	062110410304
003.159.14.03	W22EP-U	062110450304
003.159.16.03	Q20P-U	062110270304

DENSO**MAGNETI MARELLI****DENSO****MAGNETI MARELLI****MERCEDES-BENZ**

003.159.23.03	T20EP-U	062110330304
003.159.24.03	T20EP-U	062110330304
003.159.25.03	T22EP-U	062110340304
003.159.26.03	W20EP-U	062110410304
003.159.27.03	W16EP-U	062110360304
003.159.28.03	T16EPR-U	062110600304
003.159.29.03	W16EP-U	062110360304
003.159.30.03	Q16P-U11	062110240304
003.159.31.03	Q20P-U	062110270304
003.159.33.03	T22EP-U	062110340304
003.159.34.03	T20EP-U	062110330304
003.159.35.03	T20EP-U	062110330304
003.159.37.03	Q16P-U11	062110240304
003.159.42.03	Q16P-U11	062110240304
003.159.45.03	W20EP-U	062110410304
003.159.46.03	W16EP-U	062110360304
003.159.47.03	W16EP-U	062110360304
003.159.53.03	Q20P-U	062110270304
003.159.54.03	Q16P-U11	062110240304
003.159.56.03	W22EP-U	062110450304
003.159.57.03	W20EP-U	062110410304
003.159.58.03	W22EP-U	062110450304
003.159.59.03	T22EP-U	062110340304
003.159.60.03	Q20P-U	062110270304
003.159.66.03	PK16PR-L11	062110540304
003.159.71.03	Q16P-U11	062110240304
003.159.75.03	K20PBR-S10	062110060304
003.159.76.03	K20PBR-S10	062110060304
003.159.78.03	K20PR-U	062110070304
003.159.81.03	PK16PR-L11	062110540304

MITSUBISHI

M04671057	K20PR-U	062110070304
M05269556	W20EPR-U	062110390304
M05269897	W20EPR-U	062110390304
MD322771	PK20PR11	062110180304
MD350291	K20PR-U11	062110080304
MD851332	PK20PR11	062110180304
MS851022	W16EP-U	062110360304
MS851023	W20EP-U	062110410304
MS851024	W22EP-U	062110450304
MS851126	W20EPR-U	062110390304
MS851182	W16EPR-U	062110350304
MS851182	W16EP-U	062110360304
MS851183	W20EP-U	062110410304
MS851232	W16EPR-U	062110350304
MS851233	W20EPR-U	062110390304
MS851234	W22EPR-U	062110430304

MITSUBISHI

MS851237	W16EPR-U11	062110610304
MS851238	W16EPR-U11	062110610304
MS851239	W22EPR-U11	062110440304
MS851283	W20EP-U	062110410304
MS851317	XU22EPR-U	062110460304
MS851332	PK20PR11	062110180304
MS851336	PK20PR-P11	062110570304
MS851346	PK20PR-P8	062110190304
MS851347	PK22PR8	062110580304
MS851357	K16PR-U11	062110030304
MS851358	K20PR-U11	062110080304
MS851362	K20PR-U11	062110080304
MS851368	K20PR-U	062110070304
MS851377	K16PR-U11	062110030304
MS851378	K20PR-U11	062110080304
MS851402	W16EPR-U	062110350304
MS851403	W20EPR-U	062110390304
MS851407	W16EPR-U11	062110610304
MS851408	W20EPR-U11	062110400304
MS851409	W22EPR-U11	062110440304
MS851412	W16EPR-U	062110350304
MS851413	W20EPR-U	062110390304
MS851414	W22EPR-U	062110430304
MS851417	W16EPR-U11	062110610304
MS851418	W20EPR-U11	062110400304
MS851419	W22EPR-U11	062110440304
MS851437	W16EP-U	062110360304
MS851438	W20EP-U	062110410304
MS851439	W22EP-U	062110450304
MS851487	XU22EPR-U	062110460304
MS851502	PK20PR-P11	062110570304
MS851506	PK20PR-P8	062110190304
MS851544	W22EP-U	062110450304
MS851550	W22EPR-U11	062110440304
MS851552	W16EPR-U11	062110610304
MS851554	W22EPR-U	062110430304
MS851727	K16PR-U11	062110030304
MS851728	K20PR-U11	062110080304
MS851737	K16PR-U	062110020304
MS851738	K20PR-U	062110070304
MS851861	PK20PR-P8	062110190304
MZ602020	IK16	062120030304
MZ602021	IK20	062120040304
MZ602033	IW20	062120070304
MZ602038	IXU24	062120080304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****MOTORCRAFT**

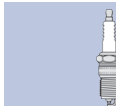
AE22C	W20FP-U	062110420304
AE32	W20FP-U	062110420304
AE32C	W20FP-U	062110420304
AG22	W22EP-U	062110450304
AG22C	W22EP-U	062110450304
AG22CT	W20EPB	062110370304
AG32	W20EP-U	062110410304
AG32C	W20EP-U	062110410304
AG32CT	W20EPB	062110370304
AG32CT1	W20EPB	062110370304
AG42C	W16EP-U	062110360304
AGF12C	T22EP-U	062110340304
AGF22	T20EP-U	062110330304
AGF22C	T20EP-U	062110330304
AGFS22C1	T20EP-U	062110330304
AGFS32C1	T20EP-U	062110330304
AGP12C	Q22P-U	062110300304
AGP22C	Q20P-U	062110270304
AGP22CD	Q20P-U	062110270304
AGPR12C	Q22PR-U	062110280304
AGPR12P	K20PR-ZU11	062110090304
AGPR12P1	K20PR-ZU11	062110090304
AGPR12PP	PK20PR-P11	062110570304
AGPR12PP11	PK20PR-P11	062110570304
AGPR12PP8	PK20PR-P8	062110190304
AGPR22C	Q20PR-U	062110250304
AGPR22C1	Q20PR-U11	062110260304
AGPR22CD	Q20PR-U	062110250304
AGPR22CD1	Q20PR-U11	062110260304
AGPR22P	K20PR-ZU11	062110090304
AGPR22P1	K20PR-ZU11	062110090304
AGPR22PP	PK20PR11	062110180304
AGPR22PP8	PK20PR-P8	062110190304
AGPR22PPJ	PK20PR11	062110180304
AGPR32C	Q20PR-U	062110250304
AGPR32C1	Q20PR-U11	062110260304
AGPR32CD	Q20PR-U	062110250304
AGPR32CD1	Q20PR-U11	062110260304
AGPR902P	K22PR-ZU	062110140304
AGR22	W22EPR-U	062110430304
AGR22C	W22EPR-U	062110430304
AGR32	W20EPR-U	062110390304
AGR32C	W20EPR-U	062110390304
AGR42	W16EPR-U	062110350304
AGR42C	W16EPR-U	062110350304
AGR44C1	W16EXR-U11	062110620304
AGRF12C	T20EPR-U	062110320304

**DENSO****MAGNETI
MARELLI****MOTORCRAFT**

AGRF22	T20EPR-U	062110320304
AGRF22C	T20EPR-U	062110320304
AGRF22C1	T20EPR-U	062110320304
AGRF22CD	T20EPR-U	062110320304
AGRF32C1	T16EPR-U	062110600304
AGRF42	T16EPR-U	062110600304
AGRF42C1	T16EPR-U	062110600304
AGS32C1	W16EXR-U11	062110620304
AGSF22C	T20EPR-U	062110320304
AGSF42	T16EPR-U	062110600304
AWRF32	T20EPR-U	062110320304
AWRF42	T16EPR-U	062110600304
AWSF22C	T20EPR-U	062110320304
AWSF32	T20EPR-U	062110320304
AWSF32C	T20EPR-U	062110320304
AWSF42	T16EPR-U	062110600304
AWSF42	T16EPR-U	062110600304
AWSF42C	T16EPR-U	062110600304
AWSF52	T16EPR-U	062110600304
AWSF52C	T16EPR-U	062110600304
AWSFA32C	T20EPR-U	062110320304
AYFS22C	T16VR-U10	062110310304
AYFS22CB	T16VR-U10	062110310304
AYFS22FPM	PT16VR13	062110220304
AYFS22PP	PT16VR13	062110220304
AYFS22PP1	PT16VR13	062110220304
AYFS32CJ	T16VR-U10	062110310304
AYRF22PP	PT16VR13	062110220304
AZFS22C	T16VR-U10	062110310304
AZFS22FE	PT16VR13	062110220304
AZFS22PP	PT16VR13	062110220304
AZFS32FE	PT16VR13	062110220304
NGK		
BCP5E	Q16P-U11	062110240304
BCP5E-11	Q16P-U11	062110240304
BCP5ES	Q16P-U11	062110240304
BCP5ES	Q16PR-U	062110230304
BCP5ES-11	Q16P-U11	062110240304
BCP5ET	K20PBR	062110050304
BCP5ET	K20PBR	062110050304
BCP6E	Q20P-U	062110270304
BCP6E-11	Q20PR-U11	062110260304
BCP6ES	Q20P-U	062110270304
BCP6ES-11	Q20PR-U11	062110260304
BCP7E	Q22PR-U	062110280304
BCP7ES	Q22PR-U	062110280304
BCP7ES	Q22PR-U	062110280304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****NGK**

BCPR5E	Q16PR-U	062110230304
BCPR5ES	Q16PR-U	062110230304
BCPR5ET	K20PBR	062110050304
BCPR5ET	K20PBR	062110050304
BCPR6E	Q20PR-U	062110250304
BCPR6E-11	Q20PR-U11	062110260304
BCPR6E-11	Q20PR-U11	062110260304
BCPR6ER	K20TXR	062110120304
BCPR6ES	Q20PR-U	062110250304
BCPR6ES-11	Q20PR-U11	062110260304
BCPR6ET	K20PBR	062110050304
BCPR6EY-N-11	Q20PR-U11	062110260304
BCPR7E	Q22PR-U	062110280304
BCPR7E-11	Q22PR-U11	062110290304
BCPR7E-11	Q22PR-U11	062110290304
BCPR7ER	K20TXR	062110120304
BCPR7ES	Q22PR-U	062110280304
BCPR7ES-11	Q22PR-U11	062110290304
BCPR7ET	K22PBR-S	062110130304
BCPR7EY	Q22PR-U	062110280304
BCPR7EY-11	Q22PR-U11	062110290304
BCPR7EY-N-11	Q22PR-U11	062110290304
BCPR7EY-N-11	Q22PR-U11	062110290304
BCR7ES	Q22PR-U	062110280304
BK5E	K16PR-U	062110020304
BK5EKU	K20TXR	062110120304
BK5ES	K16PR-U	062110020304
BK5ESZ	K16PR-U	062110020304
BK6E	K20PR-U	062110070304
BK6EKU	K20TXR	062110120304
BKR5E	K16PR-U	062110020304
BKR5E-11	K16PR-U11	062110030304
BKR5E-11	K16PR-U11	062110030304
BKR5EIX	IK16	062120030304
BKR5EIX-11	IK16	062120030304
BKR5EK	K20TXR	062110120304
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BKR5EKC	K16TNR-S9	062110500304
BKR5EKC9	K16TNR-S9	062110500304
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BKR5EKU	K20TXR	062110120304
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BKR5ES	K16PR-U	062110020304
BKR5ES-11	K16PR-U11	062110030304
BKR5ES-11	K16PR-U11	062110030304

**DENSO****MAGNETI
MARELLI****NGK**

BKR5ESZA	K16PR-U	062110020304
BKR5EVX-11	IK16	062120030304
BKR5EY	K16R-U	062110480304
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BKR6EGP	K20PR-ZU11	062110090304
BKR6EIX-11	K20PR-ZU11	062110090304
BKR6EIX-11	IK20	062120040304
BKR6EK	K20TXR	062110120304
BKR6EKE	K20TXR	062110120304
BKR6EKPA	PK20PTR-S9	062110200304
BKR6EKPA	PK20PR-P8	062110190304
BKR6EKU	K20TXR	062110120304
BKR6EKUB	K20TXR	062110120304
BKR6EKUE	K20TXR	062110120304
BKR6EN-11	K20PR-L11	062110510304
BKR6EP-N-8	PK20PR-P8	062110190304
BKR6EQUA	K20TXR	062110120304
BKR6EQUP	K20TXR	062110120304
BKR6EQUP	PK20PTR-S9	062110200304
BKR6ES	K20PR-U	062110070304
BKR6ES-11	K20PR-U11	062110080304
BKR6ETA-10	K20PBR-S10	062110060304
BKR6EVX	K20PR-ZU11	062110090304
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BKR6EVXA-11	K20PR-ZU11	062110090304
BKR6EVXA-13	K20PR-ZU11	062110090304
BKR6EY	K20R-U	062110100304
BKR6EYA	K20R-U	062110100304
BKR6EZ	K20PR-U	062110070304
BKR6EZB	K20PR-U11	062110080304
BKR7EVX	K22PR-ZU	062110140304
BKUR5EK9	K16TNR-S9	062110500304
BKUR5ET	K16TNR-S9	062110500304
BKUR6EK9	K20TNR-S9	062110110304
BKUR6EKPA	PK20PTR-S9	062110200304
BKUR6ET	K20PBR-S10	062110060304
BKUR6ET-10	K20PBR-S10	062110060304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****NGK**

BKUR6ET-10	K20PBR-S10	062110060304
BKUR7ET	K22PBR-S	062110130304
BP5E	W16EP-U	062110360304
BP5EFS	T16EPR-U	062110600304
BP5ES	W16EP-U	062110360304
BP5ES	W16EP-U	062110360304
BP5ES-L	W16EP-U	062110360304
BP5ESA	W16EP-U	062110360304
BP5ESZ	W16EP-U	062110360304
BP5EZ	W16EP-U	062110360304
BP6E	W20EPR-U	062110390304
BP6E	W20EPR-U	062110390304
BP6EF	T20EP-U	062110330304
BP6EFS	T20EP-U	062110330304
BP6ES	W20EPR-U	062110390304
BP6ES	W20EPR-U	062110390304
BP6ES-A	W20EPR-U	062110390304
BP6ESZ	W20EPR-U	062110390304
BP6ET	W20EPB	062110370304
BP6ET	W20EPB	062110370304
BP6EVX	IW20	062120070304
BP6EZ	W20EPR-U	062110390304
BP6H	W20FP-U	062110420304
BP6HS	W20FP-U	062110420304
BP7E	W22EP-U	062110450304
BP7EFS	T22EP-U	062110340304
BP7ES	W22EP-U	062110450304
BP7ES	W22EP-U	062110450304
BPR5E	W16EPR-U	062110350304
BPR5E-11	W16EPR-U11	062110610304
BPR5EA-L-11	W16EXR-U11	062110620304
BPR5EF	T16EPR-U	062110600304
BPR5EFS	T16EPR-U	062110600304
BPR5ES	W16EPR-U	062110350304
BPR5ES-11	W16EPR-U11	062110610304
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BPR5ES-15	W16EPR-U11	062110610304
BPR5ES-L	W16EPR-U	062110350304
BPR5EY-11	W16EXR-U11	062110620304
BPR6E	W20EPR-U	062110390304
BPR6E	W20EPR-U	062110390304
BPR6E-11	W20EPR-U	062110390304
BPR6E-11	W20EPR-U	062110390304
BPR6EIX-11	IW20	062120070304
BPR6EF	T20EPR-U	062110320304
BPR6EFS	T20EPR-U	062110320304

NGK

BPR6ES	W20EPR-U	062110390304
BPR6ES-11	W20EPR-U11	062110400304
BPR6ES-13	W20EPR-U11	062110400304
BPR6ES-N-11	W20EPR-U11	062110400304
BPR6EVX	IW20	062120070304
BPR6EZ	W20EPR-U	062110390304
BPR7E	W22EPR-U	062110430304
BPR7ES	W22EPR-U	062110430304
BPR7ES	W22EPR-U	062110430304
BPR7ES-11	W22EPR-U11	062110440304
BR5EF	T16EPR-U	062110600304
BR6EF	T20EPR-U	062110320304
BR6EFS	T20EPR-U	062110320304
BR7EF	T22EP-U	062110340304
BR7EFS	T22EP-U	062110340304
BU6EFSZ	T20EP-U	062110330304
BUR5ET	W20EPBR-S	062110380304
BUR5ET-10	W20EPBR-S	062110380304
BUR6EFSZ	T20EPR-U	062110320304
BUR6ET	W20EPBR-S	062110380304
CR7EB	IU22	062120090304
CR7EIX	IU22	062120090304
DCP7E	XU22EPR-U	062110460304
DCP8E	XU24EPR-U	062110470304
DCPR7E	XU22EPR-U	062110460304
DCPR7E	XU22EPR-U	062110460304
DCPR7E-N	XU22EPR-U	062110460304
DCPR7E-N10	XU22EPR-U	062110460304
DCPR7ES	XU22EPR-U	062110460304
DCPR8E	XU24EPR-U	062110470304
DCPR8E-N	XU24EPR-U	062110470304
DCPR8EKC	XU24EPR-U	062110470304
DCPR8EKP	IXU24	062120080304
DCR8EIX	IXU24	062120080304
FR4	K16PR-U11	062110030304
FR5	K20PR-U	062110070304
FR5-1	KJ16CR-L11	062110150304
FR5AP-10	PK16PR11	062110170304
GR6AI-10	IW20	062120070304
IFR5D10	PK16PR-L11	062110540304
IGR6B10-D	IW20	062120070304
IRIMAC 8	IXU24	062120080304
KR8BI	IXU24	062120080304
LFR5A-11	K16HPR-U11	062110010304
LFR5AIX-11	IKH16	062120050304
LFR5AP-11	IKH16	062120050304
LFR5B	K16HPR-U11	062110010304

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LFR5BP-11	IKH16	062120050304
LFR6A-11	K20HR-U11	062110040304
LFR6C	K20HR-U11	062110040304
LFR6D	K20HR-U11	062110040304
LZKAR7A	XE20HR-U9	062110630304
PFR5G-11	PK16PR-L11	062110540304
PFR5G-11E	PK16PR11	062110170304
PFR5G-13E	PK16PR11	062110170304
PFR5L-11	PK16PR11	062110170304
PFR5N-11	PK16PR11	062110170304
PFR5N-11	PK16PR-L11	062110540304
PFR6B	PK20PR-P8	062110190304
PFR6B-11	PK20PR11	062110180304
PFR6B-11C	PK20PR11	062110180304
PFR6B-9	PK20PR-P8	062110190304
PFR6E-10	PK20PR11	062110180304
PFR6G	PK20PR-P8	062110190304
PFR6G-9	PK20PR-P8	062110190304
PFR6G-11E	PK20PR-P11	062110570304
PFR6G-13E	PK20PR-P11	062110570304
PFR6H-10	PK20PR-P11	062110570304
PFR6J	PK20PR-P8	062110190304
PFR6J-11	PK20PR-P11	062110570304
PFR6L-11	PK20PR11	062110180304
PFR6Q	PK20PR-P8	062110190304
PFR6T-10G	PK20PR-P11	062110570304
PFR7B	PK22PR8	062110580304
PFR7B-11	PK22PR-L11S	062110590304
PFR7B-9	PK22PR8	062110580304
PFR7B-D	PK22PR8	062110580304
PFR7G-9	PK22PR-L11S	062110590304
PFR7G-11	PK22PR-L11S	062110590304
PFR7H-10	PK22PR-L11S	062110590304
PFR7M	PK22PR8	062110580304
PFR7Q	PK22PR8	062110580304
PFR7Q	PK22PR8	062110580304
PKUR6EKPA	PK20PTR-S9	062110200304
PMR7A	IU22	062120090304
PTR5A-10	ITV16	062120060304
PTR5A-13	PT16VR13	062110220304
PZFR5D-11	PKJ16CR-L11	062110210304
PZFR5F-11	PKJ16CR-L11	062110210304
PZFR5J-11	PKJ16CR-L11	062110210304
R6255(F)-7	K22PR-ZU	062110140304
R6326-7	K22PR-ZU	062110140304
R6427-7	K22PR-ZU	062110140304
R7112-7	K22PR-ZU	062110140304

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R7113-7	K22PR-ZU	062110140304
T7340T-6	IK20	062120040304
TR4	T16EPR-U	062110600304
TR4-2	T20EPR-U	062110320304
TR5	T20EPR-U	062110320304
TR55	T16EPR-U	062110600304
TR5A-10	T16VR-U10	062110310304
TR5B-13	T16VR-U10	062110310304
V-1	W20EPBR-S	062110380304
V-2	W20EPR-U	062110390304
V-4	W20EP-U	062110410304
V-5	T20EP-U	062110330304
V-6	W16EPR-U	062110350304
V-7	T20EPR-U	062110320304
V-8	W16EP-U	062110360304
V-11	Q20PR-U11	062110260304
V-12	Q20PR-U	062110250304
V-13	W20EPR-U11	062110400304
V-14	K20PR-U11	062110080304
V-16	Q16P-U11	062110240304
V-17	Q20P-U	062110270304
V-18	W20FP-U	062110420304
V-19	W22EPR-U	062110430304
V-20	K20TXR	062110120304
V-21	W20EPBR-S	062110380304
V-22	W20EPBR-S	062110380304
V-23	K20TXR	062110120304
V-24	K20PBR-S10	062110060304
V-25	PT16VR13	062110220304
V-27	K20PBR-S10	062110060304
V-28	K20PR-U	062110070304
V-29	K16TNR-S9	062110500304
V-30	K20TXR	062110120304
V-32	Q16PR-U	062110230304
V-33	K16PR-U11	062110030304
V-34	PKJ16CR-L11	062110210304
V-35	K16PR-U	062110020304
ZFR5F-11	KJ16CR-L11	062110150304
ZFR5FIX-11P	PKJ16CR-L11	062110210304
ZFR5FIX-55	IK20	062120040304
ZFR5J-11	KJ16CR-L11	062110150304
ZFR5P-G	KJ20CR-L11	062110160304
ZFR6F-11	KJ20CR-L11	062110160304
ZFR6F-11G	KJ20CR-L11	062110160304
ZFR6FIX-55	IK20	062120040304
ZFR6J-11	KJ20CR-L11	062110160304
ZFR6S-Q	K20PBR-S10	062110060304

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MARELLI****NGK**

ZKR7A-10	XU22EPR-U	062110460304
ZMR7AP	IU22	062120090304

NGK (Order No.)

0005	T16VR-U10	062110310304
1048	T16EPR-U	062110600304
1094	T22EP-U	062110340304
1095	Q22PR-U11	062110290304
1099	Q16P-U11	062110240304
1142	W22EPR-U	062110430304
1145	Q16PR-U	062110230304
1183	T20EPR-U	062110320304
1263	W20EPB	062110370304
1267	Q22PR-U11	062110290304
1269	Q20PR-U	062110250304
1271	Q22PR-U11	062110290304
1272	Q22PR-U	062110280304
1297	Q20PR-U	062110250304
2023	W22EPR-U	062110430304
2042	T20EP-U	062110330304
2056	Q22PR-U	062110280304
2059	Q22PR-U11	062110290304
2075	K20PBR	062110050304
2087	K16R-U	062110480304
2164	K22PBR-S	062110130304
2197	K20PBR	062110050304
2223	T16EPR-U	062110600304
2249	K20R-U	062110100304
2262	KJ16CR-L11	062110150304
2268	W20EPR-U	062110390304
2285	W16EP-U	062110360304
2288	K20TXR	062110120304
2296	PT16VR13	062110220304
2330	Q20PR-U	062110250304
2341	PK20PR-P11	062110570304
2341	PK20PR-P11	062110570304
2355	K16R-U11	062110490304
2357	W22EP-U	062110450304
2364	W16EP-U	062110360304
2380	PK22PR-L11S	062110590304
2382	K16PR-U11	062110030304
2397	K20PBR-S10	062110060304
2412	W22EP-U	062110450304
2460	K16PR-U	062110020304
2467	PT16VR13	062110220304
2470	W20EPBR-S	062110380304
2513	PK20PTR-S9	062110200304
2526	K16R-U11	062110490304

NGK (Order No.)

2526	K16R-U11	062110490304
2547	T20EPR-U	062110320304
2563	K20PR-ZU11	062110090304
2647	PK16PR-L11	062110540304
2684	PK20PR11	062110180304
2743	PK20PR-P11	062110570304
2755	W20EPR-U	062110390304
2756	K20PR-U11	062110080304
2761	PK16PR11	062110170304
2776	PK22PR8	062110580304
2789	K20PBR-S10	062110060304
2876	W20EPBR-S	062110380304
2890	K20TXR	062110120304
3000	PK16PR11	062110170304
3028	W16EXR-U11	062110620304
3045	K20PBR-S10	062110060304
3100	PK20PR-P8	062110190304
3132	Q20PR-U11	062110260304
3154	W16EPR-U11	062110610304
3172	W20EPBR-S	062110380304
3177	T20EPR-U	062110320304
3199	PK20PTR-S9	062110200304
3239	W16EPR-U	062110350304
3330	Q22PR-U	062110280304
3346	T22EP-U	062110340304
3355	W22EP-U	062110450304
3377	W20EPBR-S	062110380304
3479	PK20PR-P8	062110190304
3500	PK20PR-P8	062110190304
3526	T22EP-U	062110340304
3539	K20PR-ZU11	062110090304
3540	K20PR-ZU11	062110090304
3544	K22PR-ZU	062110140304
3584	K20TXR	062110120304
3623	T20EPR-U	062110320304
3672	K20HR-U11	062110040304
3684	PK20PR11	062110180304
3696	K20R-U	062110100304
3712	T16EPR-U	062110600304
3764	IK20	062120040304
3781	W16EP-U	062110360304
3783	K20PR-U	062110070304
3812	T20EP-U	062110330304
3932	XU22EPR-U	062110460304
3964	K20TXR	062110120304
3967	K16TR11	062110640304
3975	W20FP-U	062110420304

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MARELLI****NGK (Order No.)**

3978	PK22PR-L11S	062110590304
4014	PK20PR11	062110180304
4046	Q20P-U	062110270304
4179	XU24EPR-U	062110470304
4180	PK22PR8	062110580304
4259	IU22	062120090304
4291	KJ20CR-L11	062110160304
4302	PK16TR11	062110550304
4339	XU24EPR-U	062110470304
4363	PKJ16CR-L11	062110210304
4363	PKJ16CR-L11	062110210304
4388	K20TXR	062110120304
4392	T16EPR-U	062110600304
4415	XU22EPR-U	062110460304
4424	W16EPR-U11	062110610304
4483	K20TXR	062110120304
4511	W20FP-U	062110420304
4563	K20PBR	062110050304
4619	K20PR-U	062110070304
4639	PK20PR11	062110180304
4665	T20EPR-U	062110320304
4666	T20EP-U	062110330304
4669	W16EP-U	062110360304
4691	W16EP-U	062110360304
4696	PK16PR11	062110170304
4783	Q16P-U11	062110240304
4783	Q16PR-U	062110230304
4793	PK20PR-P8	062110190304
4795	XU22EPR-U	062110460304
4824	W20EPR-U11	062110400304
4853	PK22PR8	062110580304
4856	K20PR-U	062110070304
4876	K20PR-U	062110070304
4877	PK22PR8	062110580304
4930	Q20P-U	062110270304
4975	Q16P-U11	062110240304
5030	Q22P-U	062110300304
5039	W20EP-U	062110410304
5135	K20PBR	062110050304
5165	KJ16CR-L11	062110150304
5188	K16PR-U11	062110030304
5216	K16TNR-S9	062110500304
5282	Q20PR-U11	062110260304
5339	W20EPR-U11	062110400304
5459	PK16PR11	062110170304
5461	K20PBR-S10	062110060304
5553	K20PR-U11	062110080304

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MARELLI****NGK (Order No.)**

5584	KJ16CR-L11	062110150304
5585	KJ20CR-L11	062110160304
5637	W20EP-U	062110410304
5638	W16EPR-U11	062110610304
5649	K20TXR	062110120304
5667	PK22PR-L11S	062110590304
5692	XU24EPR-U	062110470304
5724	K20PR-L11	062110510304
5838	PK16PR11	062110170304
5860	Q20P-U	062110270304
5932	W20EPBR-S	062110380304
6129	Q20PR-U	062110250304
6130	Q16PR-U	062110230304
6223	W16EXR-U11	062110620304
6237	Q20P-U	062110270304
6262	Q20PR-U11	062110260304
6290	PK20PR-P11	062110570304
6338	Q22P-U	062110300304
6376	K16HPR-U11	062110010304
6418	IK20	062120040304
6437	K20PBR-S10	062110060304
6458	PK20PR-P8	062110190304
6464	W20EPR-U	062110390304
6465	K20PR-U11	062110080304
6466	T20EP-U	062110330304
6488	T20EP-U	062110330304
6511	W16EP-U	062110360304
6741	PK20PR-P11	062110570304
6764	IW20	062120070304
6837	T20EPR-U	062110320304
6838	K20PR-ZU11	062110090304
6953	K16PR-U11	062110030304
6962	K20PR-U	062110070304
7075	W16EPR-U	062110350304
7113	K16HPR-U11	062110010304
7121	Q20PR-U11	062110260304
7168	XU24EPR-U	062110470304
7226	W22EPR-U11	062110440304
7264	W20EPBR-S	062110380304
7265	W22EPR-U	062110430304
7281	W16EPR-U	062110350304
7385	IU22	062120090304
7390	K16R-U	062110480304
7422	W16EPR-U	062110350304
7496	Q16PR-U	062110230304
7529	W20EP-U	062110410304
7553	K20PBR-S10	062110060304

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MARELLI****NGK (Order No.)**

7586	PT16VR13	062110220304
7639	W20EP-U	062110410304
7642	K16PR-U	062110020304
7658	PK20PR-P11	062110570304
7810	Q16P-U11	062110240304
7811	W20EP-U	062110410304
7822	W20EPR-U	062110390304
7837	T20EPR-U	062110320304
7873	K22PBR-S	062110130304
7873	K22PBR-S	062110130304
7938	K16PR-U	062110020304
7956	K20TXR	062110120304
7963	PK22PR8	062110580304
7968	PKJ16CR-L11	062110210304
206-219	IW20	062120070304
206-227	IU22	062120090304

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22401-01P16	Q20PR-U11	062110260304
22401-01P17	Q22PR-U11	062110290304
22401-12E15	Q16PR-U	062110230304
22401-12E16	Q20PR-U	062110250304
22401-19V16	Q20P-U	062110270304
22401-1P115	PK16PR-L11	062110540304
22401-20J05	K16PR-U	062110020304
22401-20J06	K20PR-U	062110070304
22401-21B15	W16EPR-U	062110350304
22401-21B16	W20EPR-U	062110390304
22401-27N66	PK20PR11	062110180304
22401-2J200	K16R-U11	062110490304
22401-37P16	PK20PR11	062110180304
22401-50Y05	K16PR-U11	062110030304
22401-53J05	K16R-U	062110480304
22401-53J06	K20R-U	062110100304
22401-53J67	PK22PR8	062110580304
22401-53V16	PK20PR-P8	062110190304
22401-53V17	PK22PR8	062110580304
22401-55V16	PK20PR-P8	062110190304
22401-70J10	K20R-U	062110100304
22401-70J13	K16R-U	062110480304
22401-85E15	K16PR-U11	062110030304
22401-85E16	K20PR-U11	062110080304
22401-99B22	K16PR-U11	062110030304
22401-HC000	W16EPR-U11	062110610304
22401-P8315	W16EPR-U11	062110610304
22401-P8316	W20EPR-U11	062110400304
22401-V0516	W20EP-U	062110410304
22401-V1415	W16EPR-U	062110350304

NISSAN

22401-V1416	W20EPR-U	062110390304
22401-V5015	Q16P-U11	062110240304
22401-W8915	W16EP-U	062110360304
22401-W8916	W20EP-U	062110410304

OPEL

1214000	K20TXR	062110120304
1214002	W16EPR-U	062110350304
1214003	K20TXR	062110120304
1214004	K20R-U	062110100304
1214005	K20TXR	062110120304
1214007	W20EPR-U	062110390304
1214008	W20EPR-U11	062110400304
1214009	K20PR-U11	062110080304
1214013	ITV16	062120060304
1214015	K20TXR	062110120304
1214031	KJ16CR-L11	062110150304
1214144	Q20PR-U	062110250304
1214145	K20PR-U	062110070304
1214148	K20PR-U11	062110080304
1214149	W16EPR-U	062110350304
1214455	K20TXR	062110120304
1214462	PK16PR11	062110170304
1214802	W20EPR-U	062110390304
1214803	W20EPR-U11	062110400304
1214807	W20EPR-U	062110390304
90414815	K20R-U	062110100304
91132006	K20TXR	062110120304

PEUGEOT

5962.2A	W20EPR-U	062110390304
5962.3L	W20EPR-U	062110390304
5962.3R	W20EPR-U	062110390304
5962.3T	W22EPR-U	062110430304
5962.3W	W22EPR-U	062110430304
5962.4A	K20TXR	062110120304
5962.4E	W20EPR-U	062110390304
5962.6L	K20PR-U	062110070304
5962.72	T20EP-U	062110330304
5962.87	T22EP-U	062110340304
5962.E2	Q16PR-U	062110230304
5962.H1	T22EP-U	062110340304
5962.H8	Q16PR-U	062110230304
5962.H9	Q20PR-U	062110250304
5962.K0	Q20PR-U	062110250304
5962.K1	Q22PR-U	062110280304
5962.W6	Q22PR-U	062110280304

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MARELLI****PORSCHE**

905 0714	W16EP-U	062110360304
928 094 602 03	W20EP-U	062110410304
999 170 050 90	W22EP-U	062110450304
999 170 051 90	W22EP-U	062110450304
999 170 052 90	W22EP-U	062110450304
999 170 055 90	W22EP-U	062110450304
999 170 056 90	W22EP-U	062110450304
999 170 111 90	W22EP-U	062110450304
999 170 119 90	W20EP-U	062110410304
999 170 126 90	W20EP-U	062110410304
999 170 132 90	W16EP-U	062110360304
999 170 133 90	W16EP-U	062110360304
999 170 135 90	W22EP-U	062110450304
999 170 136 90	W16EP-U	062110360304
999 170 138 90	W20EP-U	062110410304
999 170 139 90	W20EP-U	062110410304
999 170 146 90	W20EP-U	062110410304
999 170 148 90	W20EP-U	062110410304
999 170 158 90	W20EPR-U	062110390304
999 170 165 90	W22EP-U	062110450304
999 170 167 90	W20FP-U	062110420304
999 170 168 90	W20EP-U	062110410304
999 170 170 90	W16EP-U	062110360304
999 170 182 90	K22PBR-S	062110130304
999 170 183 90	K22PBR-S	062110130304
999 170 195 90	K20TNR-S9	062110110304
999 170 204 90	PK20PTR-S9	062110200304
N 178 113	W22EP-U	062110450304
N 178 118	W20EP-U	062110410304
N 178 128	W20EP-U	062110410304
N 178 139 9	W20EP-U	062110410304

RENAULT

700852522	T20EP-U	062110330304
6001040356	K22PBR-S	062110130304
6001040543	T16EPR-U	062110600304
7439146775	K20TXR	062110120304
7700101401	Q16PR-U	062110230304
7700103503	W16EPR-U	062110350304
7700103533	K16TNR-S9	062110500304
7700107916	K16TNR-S9	062110500304
7700115827	K20TXR	062110120304
7700273462	Q16PR-U	062110230304
7700274154	K20PR-U	062110070304
7700500192	K16HPR-U11	062110010304
7700500155	K20PR-U	062110070304
7700587168	W20FP-U	062110420304
7700714540	T20EPR-U	062110320304

RENAULT

7700722095	T20EP-U	062110330304
7700724821	W20EP-U	062110410304
7700725302	W16EPR-U	062110350304
7700726503	T22EP-U	062110340304
7700727383	W20EPR-U	062110390304
7700731583	T22EP-U	062110340304
7700732626	W22EP-U	062110450304
7700736149	T22EP-U	062110340304
7700736150	T22EP-U	062110340304
7700737457	T22EP-U	062110340304
7700737459	W22EP-U	062110450304
7700737612	Q16PR-U	062110230304
7700742094	W22EPR-U	062110430304
7700743137	Q16PR-U	062110230304
7700749163	Q16PR-U	062110230304
7700855463	K20PBR	062110050304
7700855918	T20EP-U	062110330304
7700856342	K20PBR	062110050304
7700856909	Q16PR-U	062110230304
7700856910	Q16PR-U	062110230304
7700860235	W16EP-U	062110360304
7700861471	W22EP-U	062110450304
7700862054	W16EP-U	062110360304
7700868864	W22EPR-U	062110430304
7700869200	W16EP-U	062110360304
7700871617	K20PBR	062110050304
7701021767	T20EP-U	062110330304
7701041214	W16EP-U	062110360304
7701041215	T20EP-U	062110330304
7701043624	K22PBR-S	062110130304
7701366087	W22EP-U	062110450304
7701366267	W20FP-U	062110420304
7701366268	W22EP-U	062110450304
7701366269	W20EP-U	062110410304
7701366270	T20EP-U	062110330304
7701366514	T20EP-U	062110330304
7701366515	W20FP-U	062110420304
7701366516	W20EP-U	062110410304
7701366539	W16EP-U	062110360304
7701366903	W16EP-U	062110360304
7701414021	W20FP-U	062110420304
7701414023	W20EP-U	062110410304
7701414024	W22EP-U	062110450304
7701414025	W20EP-U	062110410304
7701414026	T22EP-U	062110340304
7701414027	T22EP-U	062110340304
7701414028	T20EP-U	062110330304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****RENAULT**

7701414029	T22EP-U	062110340304
7701414030	T20EPR-U	062110320304
7701414031	W20EPR-U	062110390304
7701414032	W16EPR-U	062110350304
7701414038	T20EP-U	062110330304
7701414039	Q20P-U	062110270304
7701414040	Q22PR-U	062110280304
7701414056	T20EP-U	062110330304
7701414065	Q22P-U	062110300304
7701742094	W22EPR-U	062110430304
8200020791	K20R-U	062110100304
8200020796	K20PR-U	062110070304
8200030765	XE20HR-U9	062110630304
8200034236	K16HPR-U11	062110010304
8933003862	Q20PR-U	062110250304
9632182880	PK20PR11	062110180304
UE0073007	K20PR-U	062110070304

ROVER

ERR3799	W16EPR-U	062110350304
ERR743	W20EPR-U	062110390304
ETC7244	W16EPR-U	062110350304
FDU2522	Q20PR-U11	062110260304
FDU2522EVA	Q20PR-U11	062110260304
NLP007664EVA	KJ20CR-L11	062110160304
NLP007666EVA	KJ16CR-L11	062110150304
NLP1000320	PK16PR11	062110170304
NLP1000320	PK16PR-L11	062110540304
NLP10010	W20EP-U	062110410304
NLP100130	KJ20CR-L11	062110160304
NLP100260	W20EPR-U	062110390304
NLP100290	PK20PR11	062110180304
NLP100290L	PK20PR11	062110180304

SAAB

885087	Q20P-U	062110270304
885095	Q22P-U	062110300304
885186	Q20PR-U11	062110260304
885210	Q22PR-U11	062110290304
885244	W20EP-U	062110410304
885285	W22EP-U	062110450304
885632	Q16PR-U	062110230304
885999	Q22PR-U	062110280304
4444741	K20TXR	062110120304
4501029	K20TXR	062110120304
7504442	Q22P-U	062110300304
7515075	W20EP-U	062110410304
8350076	W20EP-U	062110410304
8814402	W22EP-U	062110450304

SAAB

9112541	Q22PR-U11	062110290304
9116385	Q16PR-U	062110230304
9117565	Q20PR-U11	062110260304
9188681	PK22PR-L11S	062110590304
9399866	PK20PR11	062110180304
12787099	PK20PR11	062110180304

SPLITFIRE

SF10B	T22EP-U	062110340304
SF10C	T22EP-U	062110340304
SF10D	T20EPR-U	062110320304
SF392B	Q22PR-U	062110280304
SF392D	Q16PR-U	062110230304
SF416D	XU22EPR-U	062110460304
SF522D	KJ20CR-L11	062110160304
SF534D	ITV16	062120060304
SF550C	Q20PR-U11	062110260304
SF6B	W22EPR-U	062110430304
SF6C	W20EPR-U	062110390304
SF6D	W16EPR-U	062110350304
SF6E	W16EPR-U	062110350304
SF6F6	W16EXR-U11	062110620304
TP392A	K22PR-ZU	062110140304
TP392B	K22PR-ZU	062110140304
TP392C	K20PR-ZU11	062110090304
TP6C	IW20	062120070304

SUBARU

22401AA030	W20EP-U	062110410304
22401AA120	W20EPR-U11	062110400304
22401AA130	W20EPR-U11	062110400304
22401AA200	W20EPR-U	062110390304
22401AA210	W22EPR-U	062110430304
22401AA220	W20EPR-U	062110390304
22401AA310	K20PR-U11	062110080304
22401AA320	K20PR-U11	062110080304
22401AA370	PK20PR11	062110180304
22401AA400	PK20PR-P8	062110190304
22401AA460	W16EXR-U11	062110620304
22401AA490	PK20PR11	062110180304
22401AA500	K20PR-ZU11	062110090304
22401AA510	K20PR-ZU11	062110090304
22401AA530	PK20PR-P8	062110190304
22401AA540	K20PR-U11	062110080304
22401AA550	K16PR-U11	062110030304
22401KA080	K20PR-U	062110070304
22401KA090	Q20PR-U	062110250304
22401KA130	W20EPR-U	062110390304
22401KA150	K20PR-U	062110070304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****SUBARU**

22401KA190	W16EPR-U11	062110610304
22401KA200	K16PR-U11	062110030304
22401KA240	XU22EPR-U	062110460304
22401KA260	XU22EPR-U	062110460304
22401KA310	XU24EPR-U	062110470304
420545402	W16EP-U	062110360304
420545502	W20EP-U	062110410304
482415700	W16EP-U	062110360304

SUZUKI

09482-00061	W20FP-U	062110420304
09482-00084	W20FP-U	062110420304
09482-00085	W20FP-U	062110420304
09482-00118	W20EP-U	062110410304
09482-00131	W16EP-U	062110360304
09482-00132	W16EP-U	062110360304
09482-00139	W22EP-U	062110450304
09482-00140	W22EP-U	062110450304
09482-00154	W20EP-U	062110410304
09482-00155	W16EPR-U	062110350304
09482-00188	W20FP-U	062110420304
09482-00194	W22EP-U	062110450304
09482-00299	W20EPR-U	062110390304
09482-00312	W16EXR-U11	062110620304
09482-00385	W22EP-U	062110450304
09482-00392	W20EP-U	062110410304
09482-00409	W20EPR-U	062110390304
09482-00421	W20EPR-U11	062110400304
09482-00427	K20PR-U	062110070304
09482-00429	K20PR-U	062110070304
09482-00432	W16EPR-U	062110350304
09482-00433	W16EXR-U11	062110620304
09482-00434	W22EP-U	062110450304
09482-00448	XU22EPR-U	062110460304
09482-00449	XU22EPR-U	062110460304
09482-00450	XU24EPR-U	062110470304
09482-00451	XU24EPR-U	062110470304
09482-00468	W16EPR-U	062110350304
09482-00476	K16PR-U	062110020304
09482-00493	W16EPR-U11	062110610304
09482-00494	K20PR-U11	062110080304
09482-00496	W16EPR-U11	062110610304
09482-00497	K16PR-U11	062110030304
09482-00498	W22EPR-U	062110430304
09482-00505	K20PR-U	062110070304
09482-00508	K20PR-U11	062110080304
09482-00510	K20PR-U11	062110080304
09482-00548	PK20PR-P11	062110570304

SUZUKI

4DA36-M07	K22PR-ZU	062110140304
4GA36-M08	IXU24	062120080304
5613100	W20EPR-U	062110390304
96068562	K20PR-U	062110070304
96068563	K20PR-U	062110070304
99000-79A37-K0P	K20PR-ZU11	062110090304
99000-79J80-K16	IK16	062120030304
99000-79J80-K20	IK20	062120040304
99000-79J80-W20	IW20	062120070304
99000-79K24-U22	IU22	062120090304

SUZUKI MOTORSPORTS

4DA36-M07	K22PR-ZU	062110140304
4GA36-M08	IXU24	062120080304

TORCH

DK7RTC	XU22EPR-U	062110460304
E6TC	W20FP-U	062110420304
F5RTC	W16EPR-U	062110350304
F5TC	W16EP-U	062110360304
F6RTC	W20EPR-U	062110390304
F6TC	W20EP-U	062110410304
F7RTC	W22EPR-U	062110430304
F7TC	W22EP-U	062110450304
K5RTC	Q16PR-U	062110230304
K5TC	Q16P-U11	062110240304
K6RF	K16PR-U	062110020304
K6RTC	Q20PR-U	062110250304
K6TC	Q20P-U	062110270304
K7RTC	Q22PR-U	062110280304
K7TC	Q22P-U	062110300304
Q6RTC	T20EPR-U	062110320304
Q6TC	T20EP-U	062110330304
T4136JC	W20FP-U	062110420304
T4196JC	W20EP-U	062110410304
T4197JC	W22EP-U	062110450304

TOYOTA

08922-01019-83	W16EXR-U11	062110620304
90080-91048	K20R-U	062110100304
90080-91066	K20R-U	062110100304
90080-91108	K20R-U	062110100304
90080-91145	K16TR11	062110640304
90080-91193	K16R-U11	062110490304
90080-91194	K16R-U11	062110490304
90080-91229	K16R-U	062110480304
90098-16745	W16EPR-U	062110350304
90919-01027	W16EP-U	062110360304
90919-01051	W16EPR-U	062110350304
90919-01091	W16EXR-U11	062110620304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****TOYOTA**

90919-01104	W16EXR-U11	062110620304
90919-01164	K16R-U11	062110490304
90919-01165	K16R-U11	062110490304
90919-01166	K20R-U	062110100304
90919-01176	K16R-U	062110480304
90919-01177	K16R-U	062110480304
90919-01192	K16TR11	062110640304
90919-01193	K16TR11	062110640304
90919-01196	PK16TR11	062110550304
90919-01197	PK16TR11	062110550304
90919-01235	K20HR-U11	062110040304
90919-01236	K20HR-U11	062110040304
90919-01244	K16R-U	062110480304
90919-01245	K16R-U	062110480304
90919-W1001	K20HR-U11	062110040304

UNIPART

ERR3799	W16EPR-U	062110350304
ERR743	W20EPR-U	062110390304
GSP131	W16EP-U	062110360304
GSP141	W16EP-U	062110360304
GSP151	W20EP-U	062110410304
GSP163	W20EP-U	062110410304
GSP171	W20EP-U	062110410304
GSP181	W22EP-U	062110450304
GSP2001	K20PR-U	062110070304
GSP2002	W20EPR-U	062110390304
GSP2003	Q20PR-U	062110250304
GSP2004	KJ20CR-L11	062110160304
GSP2005	K20PR-U11	062110080304
GSP2006	T20EPR-U	062110320304
GSP2007	K20PR-U	062110070304
GSP2008	W16EPR-U	062110350304
GSP2009	W20EPR-U	062110390304
GSP2010	W20EPB	062110370304
GSP2011	PT16VR13	062110220304
GSP2012	T20EPR-U	062110320304
GSP2014	K20R-U	062110100304
GSP2015	K20R-U	062110100304
GSP2016	K20PR-ZU11	062110090304
GSP2017	K20TXR	062110120304
GSP2018	K20TXR	062110120304
GSP2019	W20EPR-U11	062110400304
GSP2020	W16EPR-U	062110350304
GSP2022	Q16PR-U	062110230304
GSP2023	Q22PR-U	062110280304
GSP2024	W20EPBR-S	062110380304
GSP2025	K16R-U	062110480304

**DENSO****MAGNETI
MARELLI****UNIPART**

GSP2027	T20EPR-U	062110320304
GSP2028	K20TXR	062110120304
GSP2030	W20EPBR-S	062110380304
GSP2031	W20EPB	062110370304
GSP2034	W16EPR-U	062110350304
GSP2035	Q16PR-U	062110230304
GSP2036	W22EPR-U	062110430304
GSP2037	K20PR-U11	062110080304
GSP2038	W20EPBR-S	062110380304
GSP2039	W16EPR-U11	062110610304
GSP2040	T16EPR-U	062110600304
GSP2044	K22PR-ZU	062110140304
GSP2047	W20EPBR-S	062110380304
GSP2048	K20PBR	062110050304
GSP2052	K20PR-ZU11	062110090304
GSP2054	T16EPR-U	062110600304
GSP2055	K20PR-ZU11	062110090304
GSP2056	W20FP-U	062110420304
GSP2059	K20TXR	062110120304
GSP2060	K20PBR-S10	062110060304
GSP2064	K20PBR	062110050304
GSP2098	W20EP-U	062110410304
GSP2099	W16EP-U	062110360304
GSP2100	Q20P-U	062110270304
GSP2101	T20EP-U	062110330304
GSP2102	T20EP-U	062110330304
GSP2103	Q20P-U	062110270304
GSP2111	W20EPR-U	062110390304
GSP244	W16EPR-U	062110350304
GSP263	W20EPR-U	062110390304
GSP264	W16EPR-U	062110350304
GSP281	W22EPR-U	062110430304
GSP331	T16EPR-U	062110600304
GSP351	T16EPR-U	062110600304
GSP361	T20EP-U	062110330304
GSP381	T22EP-U	062110340304
GSP4352	W22EP-U	062110450304
GSP4352X	W22EP-U	062110450304
GSP4362	W20EP-U	062110410304
GSP4362X	W20EP-U	062110410304
GSP4366	W20FP-U	062110420304
GSP4367	W20EPB	062110370304
GSP4372	W16EP-U	062110360304
GSP4382	W16EP-U	062110360304
GSP4382X	W16EP-U	062110360304
GSP4452	W22EPR-U	062110430304
GSP44523	W20EPBR-S	062110380304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****UNIPART**

GSP4462	W20EPR-U	062110390304
GSP44623	W20EPBR-S	062110380304
GSP4462X	W20EPR-U	062110390304
GSP4472	W16EPR-U	062110350304
GSP4482	W16EPR-U	062110350304
GSP4543	T22EP-U	062110340304
GSP4552	Q22P-U	062110300304
GSP4552X	Q22P-U	062110300304
GSP4553	T22EP-U	062110340304
GSP4562	Q20P-U	062110270304
GSP4562X	Q20P-U	062110270304
GSP4563	T20EP-U	062110330304
GSP4563X	T20EP-U	062110330304
GSP4573	T16EPR-U	062110600304
GSP4642	Q22PR-U	062110280304
GSP46515	PT16VR13	062110220304
GSP4652	Q22PR-U	062110280304
GSP46522	K20TXR	062110120304
GSP46523	K20PBR-S10	062110060304
GSP4652X	Q22PR-U	062110280304
GSP4657	K22PBR-S	062110130304
GSP4662	Q20PR-U	062110250304
GSP46622	K20TXR	062110120304
GSP46623	K20PBR-S10	062110060304
GSP4663	T20EPR-U	062110320304
GSP4663X	T20EPR-U	062110320304
GSP4763	T22EP-U	062110340304
GSP541	W20FP-U	062110420304
GSP5658	K20PR-U11	062110080304
GSP634	Q16PR-U	062110230304
GSP6352	W22EP-U	062110450304
GSP6362	W20EP-U	062110410304
GSP6366	W20FP-U	062110420304
GSP6382	W16EP-U	062110360304
GSP6452	W22EPR-U	062110430304
GSP6452X	W22EPR-U	062110430304
GSP6458	W22EPR-U11	062110440304
GSP6462	W20EPR-U	062110390304
GSP6462X	W20EPR-U	062110390304
GSP6468	W20EPR-U11	062110400304
GSP6472	W16EPR-U	062110350304
GSP6478	W16EPR-U11	062110610304
GSP6552	Q22P-U	062110300304
GSP6553	T22EP-U	062110340304
GSP6562	Q20P-U	062110270304
GSP6563	T20EP-U	062110330304
GSP65721	Q16P-U11	062110240304

**DENSO****MAGNETI
MARELLI****UNIPART**

GSP6573	T16EPR-U	062110600304
GSP664	K20PR-U	062110070304
GSP664	Q20PR-U	062110250304
GSP665	Q20P-U	062110270304
GSP6651	PT16VR13	062110220304
GSP66514	PT16VR13	062110220304
GSP6652	Q22PR-U	062110280304
GSP66527	PK20PR11	062110180304
GSP6652X	Q22PR-U	062110280304
GSP6658	Q22PR-U11	062110290304
GSP6662	K20PR-U	062110070304
GSP6662	Q20PR-U	062110250304
GSP6662X	K20PR-U	062110070304
GSP6663	T20EPR-U	062110320304
GSP6663X	T20EPR-U	062110320304
GSP684	Q22PR-U	062110280304
GSP6962	K20R-U	062110100304
GSP7662	Q20PR-U11	062110260304
GSP7664	KJ20CR-L11	062110160304
GSP7666	KJ16CR-L11	062110150304
GSP7669	W20EPR-U	062110390304
GSP9652	PK20PR-P8	062110190304
XMH279	K20PR-U11	062110080304
NLP100130	KJ20CR-L11	062110160304
NLP007664EVA	KJ20CR-L11	062110160304
NLP007666EVA	KJ16CR-L11	062110150304
FDU2522	Q20PR-U11	062110260304
FDU2522EVA	Q20PR-U11	062110260304
VALEO / MARCHAL		
34/5HS	W20EP-U	062110410304
35/1	W20FP-U	062110420304
35/1B	W20FP-U	062110420304
35/1D	W20FP-U	062110420304
35/36D	W20FP-U	062110420304
35/36P	W20FP-U	062110420304
35/36R	W20FP-U	062110420304
35HA	W20EP-U	062110410304
5H	W22EP-U	062110450304
64H	W22EP-U	062110450304
6H	W20EP-U	062110410304
70H	W22EP-U	062110450304
76H	W20EP-U	062110410304
76H3E	W20EPB	062110370304
7H	W20EP-U	062110410304
84H	W16EP-U	062110360304
84H3E	W20EPB	062110370304
88N	W20FP-U	062110420304

**MAGNETI
MARELLI****DENSO****DENSO****MAGNETI
MARELLI****VALEO / MARCHAL**

8H	W20EP-U	062110410304
90H	W16EP-U	062110360304
9H	W16EP-U	062110360304
C60H	T22EP-U	062110340304
C64H	T22EP-U	062110340304
C68H	T20EP-U	062110330304
C72H	T20EP-U	062110330304
C7H	T22EP-U	062110340304
C8H	T20EP-U	062110330304
F64H	Q22P-U	062110300304
F70H	Q22P-U	062110300304
F72H	Q22P-U	062110300304
F74H	Q20P-U	062110270304
F74H3	K20PBR	062110050304
F80H	Q20P-U	062110270304
F82H	Q16P-U11	062110240304
F82H	Q16PR-U	062110230304
GT34/2H	W20EP-U	062110410304
GT34/5	W20FP-U	062110420304
GT34/5D	W20FP-U	062110420304
GT34/5H	W20EP-U	062110410304
GT34/5HA	W20EP-U	062110410304
GT34/5HD	W20EP-U	062110410304
GT34H	W22EP-U	062110450304
GT34HD	W20EP-U	062110410304
GT35H	W16EP-U	062110360304
GT35HD	W16EP-U	062110360304
M101	T20EPR-U	062110320304
M103	W20FP-U	062110420304
M104	T22EP-U	062110340304
M123	Q20PR-U	062110250304
M127	W20EPR-U	062110390304
R64H	W22EPR-U	062110430304
R64H11	W22EPR-U11	062110440304
R70H	W22EPR-U	062110430304
R70H11	W22EPR-U11	062110440304
R76H	W20EPR-U	062110390304
R76H11	W20EPR-U11	062110400304
R84H	W16EPR-U	062110350304
R84H11	W16EPR-U11	062110610304
R84HZ3YE	W20EPBR-S	062110380304
R90H	W16EPR-U	062110350304
R90H11	W16EPR-U11	062110610304
RC68H	T20EPR-U	062110320304
RC68LPP	PT16VR13	062110220304
RC72H	T20EPR-U	062110320304
RC72H11	T20EPR-U	062110320304

**DENSO****MAGNETI
MARELLI****VALEO / MARCHAL**

RF64H	Q22PR-U	062110280304
RF64H11	Q22PR-U11	062110290304
RF72H	Q22PR-U	062110280304
RF72H11	Q22PR-U11	062110290304
RF72H3E	K22PBR-S	062110130304
RF72HZ3YE	K22PBR-S	062110130304
RF72HZDC	Q22PR-U	062110280304
RF74H	Q20PR-U	062110250304
RF74H11	Q20PR-U11	062110260304
RF74H3	K20PBR	062110050304
RF74HZ	K20R-U	062110100304
RF74HZ2Y	K20TXR	062110120304
RF74HZ3YE	K20PBR-S10	062110060304
RF74HZDC	K20PR-U	062110070304
RF74HZY11	KJ20CR-L11	062110160304
RF80H	Q16PR-U	062110230304
RF80H11	Q16PR-U	062110230304
RF80H3	K20PBR-S10	062110060304
RF80HZ2Y	K20TXR	062110120304
RF80HZY	K16R-U	062110480304
RF80LZDC	K16HPR-U11	062110010304
RF82H	Q16PR-U	062110230304
RF82H2Y	K16TNR-S9	062110500304
SCGT34/5H	T22EP-U	062110340304
SCGT35H	T20EP-U	062110330304

VOLVO

75093	W20EPR-U	062110390304
272313	PK20PR-P8	062110190304
272344	PK20PR-P8	062110190304
272767	PK20PR-P8	062110190304
917910	PK20PR-P8	062110190304
1269915	T22EP-U	062110340304
1306604	W22EP-U	062110450304
1306605	W20EP-U	062110410304
1346541	W20EPR-U	062110390304
1357828	W20FP-U	062110420304
1367015	W22EPR-U	062110430304
1367526	W20EP-U	062110410304
1367527	W22EP-U	062110450304
1367528	W16EPR-U	062110350304
1367529	W22EPR-U	062110430304
1389896	T22EP-U	062110340304
1667529	W20EPR-U	062110390304
3517980	Q20PR-U	062110250304
3517980	K20PR-U	062110070304
270746-1	W16EPR-U	062110350304
270747-9	W22EPR-U	062110430304

DENSO**MAGNETI
MARELLI****DENSO****MAGNETI
MARELLI****VOLVO**

271409-5	W20EPR-U	062110390304
271415-2	W22EPR-U	062110430304
271427-7	K20PR-U	062110070304
271636-3	K20PR-U	062110070304
271727-0	K20PR-U	062110070304
271766-8	K22PR-ZU	062110140304
272372-4	K20TXR	062110120304
273599-1	T20EPR-U	062110320304
30637385	K20HR-U11	062110040304
30650843	K20HR-U11	062110040304
3343929-0	W22EPR-U	062110430304
3344315-1	W16EPR-U	062110350304
9135871	K22PR-ZU	062110140304
9146775	K20TXR	062110120304
9202064	K20TXR	062110120304
109X9145775	K20TXR	062110120304
207X9146775	K20TXR	062110120304

VW

101 000 000 AB	W22EP-U	062110450304
101 000 000 AC	W20EP-U	062110410304
101 000 001 AB	W20EPB	062110370304
101 000 001 AC	W20EPB	062110370304
101 000 002 AB	W20EP-U	062110410304
101 000 005 AA	W20EPB	062110370304
101 000 005 AB	W20EPB	062110370304
101 000 006 AA	W22EP-U	062110450304
101 000 006 AB	W20EP-U	062110410304
101 000 006 AC	W20EP-U	062110410304
101 000 006 AD	W16EP-U	062110360304
101 000 007 AC	W20EPB	062110370304
101 000 007 AD	W20EPB	062110370304
101 000 018 AA	W16EP-U	062110360304

**DENSO****MAGNETI
MARELLI****VW**

101 000 027 AA	W20EPB	062110370304
101 000 029 AA	T20EP-U	062110330304
101 000 029 AB	T20EPR-U	062110320304
101 000 031 AA	K20TXR	062110120304
101 000 031 AB	K22PBR-S	062110130304
101 000 033 AA	K20PBR-S10	062110060304
101 000 033 AB	K22PBR-S	062110130304
101 000 033 AC	K20PBR-S10	062110060304
101 000 033 AF	K20PBR-S10	062110060304
101 000 035 AB	K20TXR	062110120304
101 000 036 AA	W20EPBR-S	062110380304
101 000 036 AB	W20EPBR-S	062110380304
101 000 036 AC	W20EPBR-S	062110380304
101 000 040 AD	W20EPBR-S	062110380304
101 000 041 AC	K20PBR-S10	062110060304
101 000 051 AA	K20PBR-S10	062110060304
101 000 052 AA	T20EPR-U	062110320304
101 000 063 AA	PK20PR-P8	062110190304
101 000 063 AC	PK22PR8	062110580304
101 000 065 AA	K20PBR-S10	062110060304
N 017 811 39	W20EP-U	062110410304
N 017 811 59	W22EP-U	062110450304
N 017 812 44	W22EP-U	062110450304

WLD

E6TC	W20FP-U	062110420304
F6TC	W20EP-U	062110410304
F5TC	W16EP-U	062110360304
F7TC	W22EP-U	062110450304
F7TJC	W20EPB	062110370304
K6TC	Q20P-U	062110270304
K7TC	Q22P-U	062110300304
K6TJC	K20PBR	062110050304





ORGANIZZAZIONE COMMERCIALE

Mercato Italia

Direzione	Fax 02 97227510
Vendite	Fax 02 97227510
Service Network	Fax 02 97227500
Customer service	Fax 02 97227511/211
Marketing	Fax 02 97227647

Aree di Vendita

Area 1 Tel. 02 97227357/642/435	Valle d'Aosta, Piemonte, Liguria, Lombardia, (escl. Bergamo, Brescia, Cremona, Mantova), Toscana, Sardegna, Lazio
Area 2 Tel. 02 97227013/435	Emilia-Romagna e province di Bergamo, Brescia, Cremona, Mantova
Area 3 Tel. 02 97227282/642/357	Marche, Abruzzo, Molise, Campania, Puglia, Basilicata, Calabria, Sicilia, Umbria
