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Корпус из легированной стали проходит термическую обработку, имеет двойное защитное гальваническое покрытие согласно требованиям DIN 10215. Окрашивается специальными фосфатосодержащими эмалями, предотвращающими появление коррозии в течение всего срока службы. Оптимальное количество шарнирных соединений корпуса позволяет добиться равномерного прижима чистящей ленты по всей рабочей длине согласно рекомендациям DIN 72786-1.

Термопластовые вставки соединяют детали корпуса. Конструкция с минимальными зазорами в соединениях предотвращает повреждение лакокрасочного покрытия корпуса в процессе работы щетки и обеспечивает подвижность только там, где она необходима.

Эффективный спойлер из прочной и легкой пластмассы закреплен на корпусе щетки. Форма спойлера обеспечивает максимальное усилие прижима щетки на высоких скоростях движения.

Прижимные пружины чистящей ленты изготовлены из калиброванного профиля листовой нержавеющей стали. Они равномерно распределяют усилия по всей длине чистящей ленты.

Чистящая лента изготавливается по оригинальной технологии CRYSTAL VISION методом секционного формования из состава с оптимальным сочетанием твердости, эластичности и долговечности. Насыщение поверхности чистящей ленты галогенами позволяет снизить коэффициент трения по стеклу. Профиль ленты обеспечивает высокое качество очистки стекла как летом, так и зимой.

Расчетный ресурс щеток стеклоочистителей FINWHALE PREMIUM составляет 12 месяцев или 1500000 циклов работы при температуре от –40 до +50 градусов Цельсия и при условии использования омывающих жидкостей, соответствующих международным стандартам.

Долговечность щеток достигается высокой прочностью корпуса, качественной защитой его от коррозии, использованием нержавеющей стали и износостойкой чистящей ленты.

На высокой скорости автомобиля щетки с аэродинамическим прижимом (спойлером) за счет дополнительной прижимной силы позволяют повысить эффективность очистки стекла.

Простота установки щетки достигается использованием оптимального набора адаптеров, который прилагается к щетке. Адаптеры надежно фиксируют щетку на поводке.

Высокое качество очистки стекол и в холодную и в жаркую погоду в течение всего срока эксплуатации обеспечивает эластичная чистящая лента улучшенного профиля. Этой же цели служит оптимальное распределение нагрузки пружиной и корпусом.

Бесшумность при работе щеток достигается в результате использования современного состава чистящей ленты и прогрессивной технологии CRYSTAL VISION. Высококачественная чистящая лента предотвращает появление царапин на лобовом стекле.



**CRYSTAL
VISION**

Таблица применимости щеток стеклоочистителей **Finwhale Premium**



Марка
автомобиля



Период
выпуска



Тип
кузова



Сторона
водителя



Щетка со
спойлером



Сторона
пассажира



Задняя
щетка

**ALFA ROMEO**

33					
1982→1995		PW18	PW18S	PW18	PW16
75					
1982→1995		PW18	PW18S	PW18	
90					
1982→1995		PW18	PW18S	PW18	
147					
1982→1995		PW22	PW22S	PW16	
155					
1982→1995		PW19	PW19S	PW19	
1982→1995	QUADRIFOGLIO VERDE	PW21	PW21S	PW19	
156					
12/2003→		PW22	PW22S	PW21	
164					
1987→1998		PW21	PW21S	PW21	
166					
1998→		PW21	PW21S	PW19	
GT					
2004→		PW22	PW22S	PW16	

ASTON MARTIN

DB 7					
1995→		PW21	PW21S	PW21	

AUDI

80					
1978→1983		PW18	PW18S	PW18	
1983→1996	(+ QUATTRO)	PW21	PW21S	PW21	
1983→1996	AVANT (+ QUATTRO)	PW21	PW21S	PW21	PW16
90					
1985→1991	(+ QUATTRO)	PW21	PW21SW	PW21	
100					
1983→1990	(+ QUATTRO)	PW21	PW21S	PW21	
1983→1990	AVANT (+ QUATTRO)	PW21	PW21S	PW21	PW21
1991→1994	(+ QUATTRO)	PW22	PW22S	PW22	
1991→1994	AVANT (+ QUATTRO)	PW22	PW22S	PW22	PW18
200					
1980→1983		PW18	PW18S	PW18	
1983→1992	(+ QUATTRO)	PW21	PW21S	PW21	
1983→1992	AVANT (+ QUATTRO)	PW21	PW21S	PW21	PW21
A3					
1996→03/2003		PW21	PW21S	PW19	PW16



A4					
1994→2000	(+ QUATTRO)	PW21	PW21S	PW21	
1994→2000	AVANT (+ QUATTRO)	PW21	PW21S	PW21	PW16
A6					
1994→05/2001	(+ QUATTRO)	PW22	PW22S		
1994→1997	AVANT (+ QUATTRO)	PW22	PW22S		PW18
1998→05/2001	AVANT (+ QUATTRO)	PW22	PW22S		
2000→06/2002	ALLROAD (+ AVANT)	PW22	PW22S	PW22	
A8					
1994→09/2002	(+ QUATTRO)	PW22	PW22S	PW22	
TT					
1998→2000		PW22	PW22S	PW21	
2000→2002		PW21	PW21S	PW21	
1999→2003	ROADSTER	PW21	PW21S	PW21	
V8					
08/1987→08/1991		PW21	PW21S	PW21	
08/1991→06/1994		PW22	PW22S	PW22	
AUSTIN					
1000					
1986→		PW11		PW11	
MAESTRO					
1984→		PW20	PW20S	PW20	PW18
MONTEGO					
1984→		PW20	PW20S	PW20	
AZLK					
2141					
1986→1999		PW18	PW18S	PW18	
AUTOBIANCHI					
Y 10					
1985→1992		PW18	PW18S	PW18	PW13
BMW					
3 SERIES					
1983→1990	(TYPE E30)	PW20	PW20S	PW20	
1991→1997	(TYPE E36)	PW21	PW21S	PW20	
04/1998→	(TYPE E46)	PW24	PW24S	PW20	
1991→09/1999	COUPE (TYPE E36)	PW21	PW21S	PW20	
10/1999→	COUPE (TYPE E46)	PW24	PW24S	PW20	
12/1985→09/1993	CABRIO (TYPE E30)	PW20	PW20S	PW20	
10/1993→04/1999	CABRIO (TYPE E36)	PW21	PW21S	PW20	
05/1999→	CABRIO (TYPE E46)	PW24	PW24S	PW20	
1988→1990	TOURING (TYPE E30)	PW20	PW20S	PW20	PW18



BMW					
3 SERIES					
1991→1994	TOURING (TYPE E36)	PW21	PW21S	PW20	PW18
1995→10/1999	TOURING (TYPE E36)	PW21	PW21S	PW20	PW16
11/1999→	TOURING (TYPE E46)	PW24	PW24S	PW20	
3 SERIES COMPACT					
1994→1997	(TYPE E36)	PW20	PW20S	PW20	PW18
1998→10/1999	(TYPE E36)	PW21	PW21S	PW20	PW18
11/1999→	(TYPE E46)	PW24	PW24S	PW20	PW18
5 SERIES					
1988→1995	(TYPE E34)	PW24	PW24S	PW24	
1991→1997	TOURING (TYPE E34)	PW24	PW24S	PW24	PW19
1997→06/2003	TOURING (TYPE E39)				PW18
7 SERIES					
1979→1986	(TYPE E23)	PW18	PW18S	PW18	
1986→1995	(TYPE E32)	PW24	PW24S	PW24	
1996→	(TYPE E38)	PW24	PW24S	PW24	
X5					
1999→		PW24	PW24S	PW22	PW18
CADILLAC					
CTS					
2003→		PW22	PW22S	PW21	
SEVILLE					
1998→		PW22	PW22S	PW22	
CHEVROLET					
ALERO					
1999→		PW22	PW22S	PW16	
BLAZER					
1998→		PW20	PW20S	PW20	
CORVETTE					
1997→		PW22	PW22S	PW22	
TAHOE					
1999→		PW22	PW22S	PW22	PW16
AVEO					
2002→		PW22	PW22S	PW16	
LACETTI					
2004→		PW22	PW22S	PW19	PW18
EVANDA					
2002→		PW22	PW22S	PW20	
CHRYSLER					
300M					
1998→		PW24	PW24S	PW22	



NEON					
1994→1998		PW21	PW21S	PW18	
1999→2000		PW22	PW22S	PW19	
2001→		PW22	PW22S	PW22	
PT CRUISER					
2000→		PW20	PW20S	PW21	PW16
2004→	CABRIOLET	PW20	PW20S	PW21	
SEBRING					
→1997	CABRIO	PW21	PW21S	PW21	
1997→	CABRIO	PW22	PW22S	PW22	
1995→	COUPE	PW24	PW24S	PW22	
2000→		PW22	PW22S	PW22	
STRATUS					
1994→		PW22	PW22S	PW22	
CITROEN					
BERLINGO					
1996→		PW22	PW22S	PW22	PW16
1996→2000	(2 REAR DOORS)	PW22	PW22S	PW22	PW13
C2					
2003→		PW24	PW24S	PW18	
C3					
2001→	+ 4X4	PW24	PW24S	PW18	
C3 PLURIEL					
2002→		PW22	PW22S	PW18	
C5					
2000→2004				PW19	
2000→2004	ESTATE			PW19	
XANTIA					
1992→1997		PW24	PW24S	PW20	PW19
1998→		PW24	PW24S	PW19	PW19
1995→1997	ESTATE	PW24	PW24S	PW20	PW16
1998→1999	ESTATE	PW24	PW24S	PW19	PW16
2000→		PW24	PW24S	PW19	PW19
2000→	ESTATE	PW24	PW24S	PW19	
XSARA					
1997→2000		PW22	PW22S	PW20	PW18
1997→2000	COUPE	PW22	PW22S	PW20	PW18
1998→2000	ESTATE	PW22	PW22S	PW20	PW16
2000→		PW22	PW22S	PW20	PW18
2000→	ESTATE	PW22	PW22S	PW20	



CITROEN					
XSARA PICASSO					
1999→					PW16
DAEWOO					
ESPERO					
1993→1998		PW19	PW19S	PW19	
LACETTI					
2003→		PW22	PW22S	PW18	PW18
LEGANZA					
1997→		PW21	PW21S	PW19	
MAGNUS					
2002→		PW22	PW22S	PW20	
MATIZ					
1998→		PW21	PW21S	PW16	PW13
NEXIA					
1993→	SALOON (4 DOORS)	PW18	PW18S	PW18	
NUBIRA					
1997→2002	SALOON (4 DOORS)	PW20	PW20S	PW20	
2003→	SALOON	PW22	PW22S	PW19	
1997→2000	HATCHBACK (5 DOORS)	PW20	PW20S	PW20	PW18
1997→	ESTATE	PW20	PW20S	PW20	PW16
TICO					
06/1991→		PW18	PW18S	PW16	PW13
DAIHATSU					
CHARADE					
1993→	SALOON (4 DOORS)	PW19	PW19S	PW18	
1993→	HATCHBACK (3/5 DOORS)	PW19	PW19S	PW18	PW16
CUORE					
1981→1991		PW16		PW16	
1992→02/93		PW18	PW18S	PW18	
03/93→2000		PW18	PW18S	PW16	PW11
2001→2002		PW18	PW18S	PW16	PW11
2003→		PW21	PW21S		
GRAND MOVE					
1997→2000		PW20	PW20S	PW18	PW11
2001→		PW20	PW20S	PW19	PW11
2000→		PW20	PW20S	PW18	PW11
MOVE					
1997→1999		PW18	PW18S	PW16	PW11
2000→		PW19	PW19S	PW18	PW11



SIRION					
1998→2000		PW19	PW19S	PW18	PW13
2000→		PW19	PW19S	PW18	PW13
TERIOS					
1997→		PW20	PW20S	PW13	PW11
2000→		PW20	PW20S	PW13	PW11
YRV					
2001→		PW21	PW21S	PW13	
FIAT					
126					
1987→1993		PW13		PW13	PW13
BRAVA					
1995→		PW22	PW22S		
1995→		PW22	PW22S		
CINQUECENTO					
1992→10/1998		PW19	PW19S	PW19	PW11
CROMA					
1986→1999		PW20	PW20S	PW20	PW19
DOBLO					
2001→		PW22	PW22S	PW18	
MAREA					
1996→	WEEKEND	PW22	PW22S		
PANDA					
1980→2003		PW16			PW13
2003→		PW22	PW22S	PW16	
PUNTO					
09/1993→1998		PW22	PW22S		
1999→		PW22	PW22S	PW18	
PUNTOII					
1999→	CABRIO	PW22	PW22S	PW18	
REGATA					
1983→1990		PW16		PW16	PW16
SEICENTO					
1998→2000		PW19	PW19S	PW19	
SIENA					
1996→		PW22	PW22S		
PALIO					
1997→		PW22	PW22S		
STILO					
2001→		PW22	PW22S	PW19	



FIAT					
TIPO					
1988→1993		PW19	PW19S	PW19	PW16
FORD					
ESCORT III					
1981→1990		PW18	PW18S	PW18	PW20
1981→1990	CABRIO	PW18	PW18S	PW18	
1980→1990	ESTATE	PW18	PW18S	PW18	PW13
ESCORT IV					
1991→1999		PW20	PW20S	PW20	PW20
1991→	CABRIO	PW20	PW20S	PW20	
10/1990→1999	ESTATE	PW20	PW20S	PW20	PW13
FIESTA II					
09/1983→09/1989		PW16		PW16	PW16
FIESTA III					
09/1989→1995		PW19	PW19S	PW19	PW16
FIESTA IV					
1996→10/2001		PW19	PW19S	PW19	PW19
FIESTA V					
11/2001→		PW22	PW22S	PW16	PW11
FOCUS					
1998→	SALOON (4 DOORS)	PW22	PW22S	PW19	
1998→	HATCHBACK (3/5 DOORS)	PW22	PW22S	PW19	PW16
1998→	ESTATE	PW22	PW22S	PW19	PW11
KA					
1996→2000		PW19	PW19S	PW18	PW16
MAVERICK					
1993→1999		PW21	PW21S	PW20	PW13
2000→		PW19	PW19S	PW19	PW11
MONDEO					
1993→10/2000	SALOON (4 DOORS)	PW21	PW21S	PW20	PW20
1993→10/2000	HATCHBACK (5 DOORS)	PW21	PW21S	PW20	PW22
1993→10/2000	ESTATE	PW21	PW21S	PW20	PW13
11/2000→	SALOON (4 DOORS)	PW22	PW22S	PW20	
11/2000→	HATCHBACK (5 DOORS)	PW22	PW22S	PW20	PW19
11/2000→	ESTATE	PW22	PW22S	PW20	PW11
ORION					
1983→1990		PW18	PW18S	PW18	
1990→1994		PW20	PW20S	PW20	
PROBE					
1992→1997		PW20	PW20S	PW20	PW20



PUMA					
1997→2000		PW19	PW19S	PW19	PW19
SCORPIO					
1985→1994		PW20	PW20S	PW20	PW20
1995→1998		PW20	PW20S	PW20	PW13
SIERRA					
1981→1993		PW20	PW20S	PW20	
TOURNEO					
1995→2000		PW22	PW22S	PW22	PW16
TRANSIT					
1971→1986		PW20	PW20S	PW20	
1986→1995		PW22	PW22S	PW22	
1995→2000	+ TOURNEO, EUROLINE, NUGGE	PW22	PW22S	PW22	PW16
1995→02/2000		PW22	PW22S	PW22	
03/2000→	(1 REAR DOOR)	PW24	PW24S	PW24	PW18
03/2000→	(2 REAR DOORS)	PW24	PW24S	PW24	PW16
GAZ					
24; 3102; 3110					
1985→		PW16		PW16	
3302					
1993→		PW20	PW20S	PW20	
HONDA					
ACCORD					
1989→1992		PW22	PW22S	PW19	
1993→1997		PW22	PW22S	PW20	
1998→2000		PW22	PW22S	PW19	
2000→2002		PW22	PW22S	PW19	PW16
2002→				PW16	
1993→1995	COUPE	PW22	PW22S	PW19	
1995→1999	TOURER	PW22	PW22S	PW19	PW13
CRV					
1997→2001		PW19	PW19S	PW19	PW11
2002→		PW21	PW21S	PW20	PW11
CIVIC					
1988→1990		PW19	PW19S	PW18	PW16
1991→1994		PW20	PW20S	PW18	
1995→1999	SALOON (4 DOORS)	PW20	PW20S	PW18	
2000→	SALOON (4 DOORS)	PW24	PW24S	PW16	
1995→1999	HATCHBACK (5 DOORS)	PW20	PW20S	PW18	PW18
2000→2003	HATCHBACK (5 DOORS)	PW24	PW24S	PW16	
1995→	HATCHBACK (3 DOORS)	PW20	PW20S	PW18	PW16



HONDA					
CIVIC					
1994→	COUPE	PW20	PW20S	PW18	
2004→	HATCHBACK (5 DOORS)	PW21	PW21S	PW19	
CIVIC AERODECK					
1998→		PW20	PW20S	PW18	PW16
CIVIC CRX					
→1991		PW19	PW19S	PW19	
1992→1998		PW20	PW20S	PW18	
CONCERTO					
1988→1996		PW18	PW18S	PW18	PW18
HR-V					
1998→		PW20	PW20S	PW18	
INTEGRA					
1985→1990		PW18	PW18S	PW18	PW18
1997→	TYPE R	PW20	PW20S	PW18	PW19
INSIGHT					
1999→		PW20	PW20S	PW18	PW16
JAZZ					
1983→1992		PW16		PW16	PW13
2001→		PW20	PW20S	PW16	
LEGEND					
1987→1990		PW18	PW18S	PW18	
1990→1991		PW19	PW19S	PW18	
1991→2001		PW20	PW20S	PW19	
2002→		PW20	PW20S	PW19	
LOGO					
1999→2000		PW20	PW20S	PW18	
2000→		PW20	PW20S	PW18	
PRELUDE					
1987→1992		PW19	PW19S	PW18	
1992→1996		PW20	PW20S	PW19	PW19
1997→1998		PW20	PW20S	PW18	
1999→		PW22	PW22S	PW18	
SHUTTLE					
1995→		PW22	PW22S	PW22	PW16
STREAM					
2001→		PW24	PW24S	PW13	
HYUNDAI					
ACCENT					
1994→		PW20	PW20S	PW18	



LANTRA					
1991→1998	SALOON (4 DOORS)	PW20	PW20S	PW19	
1999→	SALOON (4 DOORS)	PW20	PW20S	PW18	
1995→	ESTATE	PW20	PW20S	PW18	PW13
PONY					
1989→1990		PW16		PW16	PW16
1990→1992		PW18	PW18S	PW18	PW18
1992→1993		PW18	PW18S	PW18	PW16
1994→	SALOON (4 DOORS)	PW20	PW20S	PW18	
1994→	HATCHBACK (3/5 DOORS)	PW20	PW20S	PW18	PW20
SANTA FE					
2000→		PW22	PW22S	PW20	PW13
SANTAMO					
1999→		PW22	PW22S	PW18	PW16
S-COUPE					
1990→1996		PW19	PW19S	PW18	PW18
SONATA					
1988→1992		PW18	PW18S	PW18	
1992→1997		PW20	PW20S	PW20	
1998→2000		PW22	PW22S	PW20	
2000→		PW22	PW22S	PW20	
TERRACAN					
2001→		PW22	PW22S	PW20	PW16
XG					
2000→		PW22	PW22S	PW20	
ISUZU					
AMIGO					
1989→		PW18	PW18S	PW18	
GEMINI					
1974→1994		PW16		PW16	
RODEO					
1983→1991		PW16		PW16	
1991→		PW18	PW18S	PW18	
TROOPER					
1983→1991		PW16		PW16	
1991→		PW20	PW20S	PW20	PW16
JAGUAR					
SOVEREIGN					
1986→2000		PW20	PW20S	PW20	
2001→		PW21	PW21S	PW21	

**JAGUAR****XJ-SERIES**

1986→2000

PW20

PW20S

PW20

2001→

PW20

PW20S

PW20

XK9

1997→2000

PW21

PW21S

PW21

XK11

2000→

PW21

PW21S

PW21

JEEP**CHEROKEE**

1984→1996

PW18

PW18S

PW18

1997→2001

PW18

PW18S

PW18

PW13

2001→

PW19

PW19S

PW19

KIA**CARENS**

1999→2000

PW24

PW24S

PW19

PW13

2001→

PW24

PW24S

PW19

PW11

CARNIVAL

1998→2000

PW24

PW24S

PW24

PW18

2000→

PW24

PW24S

PW24

PW18

CLARUS

1995→

SALOON (4 DOORS)

PW21

PW21S

PW19

1997→

ESTATE

PW21

PW21S

PW19

PW16

JOICE

1999→

PW22

PW22S

PW18

PW16

K2700

1998→

PW21

PW21S

PW18

LEO

1994→1998

PW21

PW21S

PW19

PW18

MAGENTIS

2000→

PW22

PW22S

PW20

PRIDE

1991→

PW18

PW18S

PW18

PW16

1991→1998

ESTATE

PW18

PW18S

PW18

PW18

1991→

PW18

PW18S

PW18

PW16

RIO

2000→

PW21

PW21S

PW18

PW13

SEPHIA

1992→1995

PW20

PW20S

PW16

1996→2000

SALOON (4 DOORS)

PW21

PW21S

PW19



1996→2000	HATCHBACK (5 DOORS)	PW21	PW21S	PW19	PW18
1996→2000	CABRIO	PW21	PW21S	PW19	
2000→	SALOON	PW21	PW21S	PW19	
SHUMA					
1998→2000		PW21	PW21S	PW19	PW19
2000→		PW21	PW21S	PW19	PW18
SPORTAGE					
1994→		PW20	PW20S	PW20	PW16
LADA					
2101-2107					
1970→		PW13		PW13	
2110					
1995→		PW20	PW20S	PW20	
21103, 21106					
1997→		PW20	PW20S	PW20	
2111					
1998→		PW20	PW20S	PW20	PW11
2112					
1999→		PW20	PW20S	PW20	PW20
2113-2115					
1996→		PW20	PW20S	PW20	PW13
NIVA 121;21213;21214					
1976→		PW13		PW13	PW11
LANCIA					
DELTA					
1981→1993		PW18	PW18S	PW18	PW18
1993→1995		PW21	PW21S	PW19	PW19
1983→1993	HF TURBO	PW18	PW18S	PW18	
1995→	HPE	PW21	PW21S	PW19	PW21
KAPPA					
1994→2000		PW24	PW24S	PW21	
1996→	STATION WAGON	PW24	PW24S	PW21	
LYBRA					
12/2003→		PW22	PW22S	PW21	
12/2003→	STATION WAGON	PW22	PW22S	PW21	
THEMA					
1989→1995		PW20	PW20S	PW20	
1989→1995	STATION WAGON	PW20	PW20S	PW20	PW16
YPSILON					
2003→		PW24	PW24S	PW16	



LAND ROVER					
DEFENDER					
1990→		PW13		PW13	PW13
DISCOVERY					
1990→		PW18	PW18S	PW18	PW13
FREELANDER					
1998→		PW22	PW22S	PW21	
RANGE ROVER					
1985→1990		PW16		PW16	PW16
1990→1994		PW18	PW18S	PW18	PW16
1995→2002		PW22	PW22S	PW22	PW18
LEXUS					
GS					
1997→		PW24	PW24S	PW20	
IS					
1999→		PW22	PW22S	PW19	
RX					
2003→		PW24	PW24S	PW22	
SC					
2001→		PW24	PW24S	PW20	
MASERATI					
QUATTROPORTE					
1995→		PW21	PW21S	PW20	
SHAMAL					
1993→		PW20	PW20S	PW20	
SPIDER					
1993→		PW20	PW20S	PW20	
MAZDA					
121					
1988→1990		PW18	PW18S	PW18	PW16
1991→1995		PW20	PW20S	PW16	
1996→		PW19	PW19S	PW19	PW19
323					
1989→1996		PW21	PW21S	PW18	PW21
1997→1998		PW21	PW21S	PW18	PW18
1999→2000	SALOON (4 DOORS)	PW21	PW21S	PW19	
1999→2000	P	PW21	PW21S	PW19	PW16
1986→1989	ESTATE	PW18	PW18S	PW18	
1989→2001	ESTATE	PW18	PW18S	PW18	PW13
323F					
1995→1998		PW21	PW21S	PW19	PW19



1999→2000		PW21	PW21S	PW19	PW13
2000→		PW21	PW21S	PW19	PW13
2001→	ESTATE	PW21	PW21S	PW19	PW13
626					
1987→1991		PW19	PW19S	PW19	
1992→1996		PW21	PW21S	PW20	
1997→1998		PW21	PW21S	PW19	PW21
1999→2000		PW21	PW21S	PW19	PW20
2000→		PW21	PW21S	PW19	PW21
1990→1997	ESTATE	PW19	PW19S	PW19	PW16
1998→2000	ESTATE	PW21	PW21S	PW19	PW13
2001→	ESTATE	PW21	PW21S	PW19	PW13
DEMIO					
1998→2000		PW20	PW20S	PW16	PW16
2000→2002		PW20	PW20S	PW16	PW16
MPV					
1988→1995		PW22	PW22S	PW20	PW16
1996→1998		PW22	PW22S	PW20	PW18
1999→2000		PW24	PW24S	PW16	
2001→		PW24	PW24S	PW24	PW16
MX3					
1991→1998		PW21	PW21S	PW18	PW21
1991→1997		PW20	PW20S	PW20	
PREMASY					
1999→		PW24	PW24S	PW16	PW13
RX7					
1976→1986		PW18	PW18S	PW18	
1987→		PW20	PW20S	PW20	
XEDOS9					
1993→2000		PW21	PW21S	PW20	
2000→		PW21	PW21S	PW20	
MERCEDES					
190					
11/1982→12/1984	(TYPE 201)	PW20	PW20S	PW20	
07/1987→06/1993	(TYPE 201)	PW24			
200					
01/1968→12/1976	(TYPE 115)	PW16		PW16	
01/1977→12/1985	(TYPE 123)	PW20	PW20S	PW20	
01/1977→12/1985	T,TE (TYPE 123)	PW20	PW20S	PW20	PW16
01/1988→06/1993	(TYPE 124)	PW24			
01/1985→12/1987	T,TD,TE (TYPE 124)				PW16

**MERCEDES**

200					
01/1988→06/1993	T,TD,TE (TYPE 124)	PW24			PW16
03/1979→04/1984	G (TYPE 460)	PW16		PW16	PW16
05/1984→09/1993	GE (TYPE 461/463)	PW16		PW16	PW16
230					
01/1968→12/1976	(TYPE 115)	PW16		PW16	
02/1976→12/1985	(TYPE 123)	PW20	PW20S	PW20	
01/1988→06/1993	(TYPE 124)	PW24			PW16
01/1985→12/1987	TE (TYPE 124)				PW16
01/1988→06/1993	TE (TYPE 124)	PW24			PW16
09/1978→02/1985	T,TE (TYPE 123)	PW20	PW20S	PW20	PW16
03/1979→04/1984	G (TYPE 460)	PW16		PW16	PW16
09/1983→1991	WAGON G 2.3 (TYPE S460)	PW16		PW16	
05/1984→09/1993	GE (TYPE 461/463)	PW16		PW16	PW16
280					
01/1968→12/1976	(TYPE 115)	PW16		PW16	
01/1976→12/1985	(TYPE 123)	PW20	PW20S	PW20	
01/1976→12/1985	TE (TYPE 123)	PW20	PW20S	PW20	PW16
08/1972→08/1979	SE, SEL (TYPE 116)	PW19	PW19S	PW18	
05/1971→08/1988	SL,SLC (TYPE 107)	PW19	PW19S	PW18	
12/1979→03/1991	(TYPE 126)	PW22	PW22S	PW22	
11/1979→1993	GE (TYPE 460)	PW16		PW16	PW16
A-CLASS					
1997→	(TYPE 168)				PW13
C-CLASS					
06/1993→04/2000	(TYPE 202)	PW24			
06/1993→02/2001	ESTATE (TYPE 202)	PW24			PW16
05/2000→10/2003	(TYPE 203)				PW16
CLK					
1996→05/2002	(TYPE 208)	PW24			
E-CLASS					
07/1995→03/2002	(TYPE 210)	PW24			
07/1995→03/2002	ESTATE (TYPE 210)	PW24			PW16
G-CLASS					
1993→	(TYPE 463)	PW16		PW16	PW16
MB					
04/1987		PW20	PW20S	PW20	
SL-CLASS					
08/1993→09/2001	(TYPE 129)	PW24			
SLK					
1996→1998	(TYPE R170)	PW22	PW22S	PW22	



1999→2000	(TYPE R170)	PW22	PW22S	PW22	
2000→2003	(TYPE R170)	PW22	PW22S	PW22	
SPRINTER					
1998→		PW24	PW24S	PW22	
MITSUBISHI					
3000GT					
1992→		PW21	PW21S	PW20	
CARISMA					
1995→2000	SALOON (4 DOORS)	PW21	PW21S	PW20	
2001→	SALOON (4 DOORS)	PW21	PW21S	PW20	PW22
1995→1999	HATCHBACK (5 DOORS)	PW21	PW21S	PW20	PW20
2000→	HATCHBACK (5 DOORS)	PW21	PW21S	PW20	PW22
2001→	GT EVOLUTION	PW24	PW24S	PW18	
COLT					
1992→1995		PW20	PW20S	PW18	PW13
1996→2000		PW21	PW21S	PW19	PW13
2001→2003		PW21	PW21S	PW20	PW13
2004→				PW11	
MIRAGE					
1992→1995		PW20	PW20S	PW18	PW13
1996→		PW21	PW21S	PW19	PW13
ECLIPSE					
1992→1995		PW20	PW20S	PW20	
1995→		PW24	PW24S	PW22	PW19
GALANT					
1989→1991		PW19	PW19S	PW18	
1992→1993	SALOON (4 DOORS)	PW19	PW19S	PW19	
1993→1998	SALOON (4 DOORS)	PW22	PW22S	PW19	PW21
1999→	SALOON (4 DOORS)	PW22	PW22S	PW18	
1992→1993	HATCHBACK (5 DOORS)	PW19	PW19S	PW19	
1993→1996	HATCHBACK (5 DOORS)	PW22	PW22S	PW19	PW20
1996→	ESTATE	PW22	PW22S	PW18	PW16
LANCER					
1992→1995	SALOON (4 DOORS)	PW20	PW20S	PW18	
1995→	SALOON (4 DOORS)	PW21	PW21S	PW19	
1992→1995	HATCHBACK (5 DOORS)	PW20	PW20S	PW18	PW18
1992→	WAGON	PW20	PW20S	PW18	PW16
PAJERO					
1983→1991		PW16		PW16	PW16
1992→1996		PW19	PW19S	PW19	
1997→2000		PW19	PW19S	PW19	PW16

**MITSUBISHI****PAJERO**

2000→		PW20	PW20S	PW20	PW16
1999→	PININ	PW18	PW18S	PW19	PW16
1999→	SPORT	PW20	PW20S	PW20	PW13

MONTERO

1983→1991		PW16		PW16	PW16
1992→1996		PW19	PW19S	PW19	
1997→2002		PW19	PW19S	PW19	PW16
2002→		PW18	PW18S	PW18	PW16

SIGMA

1991→1992		PW21	PW21S	PW18	
1992→1996		PW20	PW20S	PW19	
09/1993→1996		PW20	PW20S	PW19	PW16

SPACE RUNNER

1991→		PW22	PW22S	PW18	PW16
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SPACE STAR

1998→2000		PW21	PW21S	PW18	PW13
2000→		PW21	PW21S	PW18	PW13

SPACE WAGON

1992→1998		PW22	PW22S	PW18	PW16
1999→				PW16	PW16

NISSAN**200SX**

1988→1994		PW20	PW20S	PW20	PW20
1994→		PW21	PW21S	PW20	PW18

ALMERA

1995→1999	SALOON (4 DOORS)	PW21	PW21S	PW19	
1995→1999	HATCHBACK (3/5 DOORS)	PW21	PW21S	PW19	PW13
2001→		PW21	PW21S	PW16	PW13

ALMERA TINO

2000→				PW18	PW20
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BLUEBIRD

1986→1991		PW19	PW19S	PW19	
1987→1991		PW19	PW19S	PW19	PW20
1980→1991	ESTATE	PW19	PW19S	PW19	PW13

MAXIMA

1989→1994		PW21	PW21S	PW20	
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MAXIMA QX

1994→1999		PW22	PW22S	PW21	
2000→				PW18	



MICRA					
1987→1991		PW18	PW18S	PW18	PW18
1992→1997		PW20	PW20S	PW18	PW18
1998→2002		PW20	PW20S	PW18	PW16
2002→		PW21	PW21S	PW18	
PATHFINDER					
1997→		PW22	PW22S	PW21	PW11
PATROL					
1985→1995		PW18	PW18S	PW18	PW11
1995→1997		PW18	PW18S	PW18	PW13
1998→		PW19	PW19S	PW20	PW13
PRIMERA					
1990→1996	SALOON (4 DOORS)	PW21	PW21S	PW19	
1996→2000	SALOON (4 DOORS)	PW21	PW21S	PW20	
1990→1996	HATCHBACK (5 DOORS)	PW21	PW21S	PW19	PW21
1996→2000	HATCHBACK (5 DOORS)	PW21	PW21S	PW20	PW21
2000→2002		PW21	PW21S	PW20	PW21
2002→				PW19	PW20
1991→1997	WAGON	PW21	PW21S	PW19	PW16
1997→2000	WAGON	PW21	PW21S	PW20	PW16
2001→	WAGON			PW19	
QX					
1994→		PW22	PW22S	PW21	
SERENA					
1991→		PW24	PW24S	PW24	PW16
SKYLINE					
1970→1979		PW16		PW16	
1987→		PW18	PW18S	PW18	PW18
SUNNY					
1987→1991	(N13)	PW18	PW18S	PW18	
1987→1991		PW20	PW20S	PW20	
1992→1996	HATCHBACK (3 DOORS)	PW21	PW21S	PW19	PW11
1991→1996	HATCHBACK (5 DOORS)	PW21	PW21S	PW19	PW20
1992→1995	ESTATE	PW21	PW21S	PW19	PW13
TERRANO					
1988→1993		PW18	PW18S	PW18	
TERRANO II					
1993→		PW21	PW21S	PW20	PW11
X-TRAIL					
2001→		PW24	PW24S	PW16	PW18



NISSAN					
URVAN					
1981→1987		PW18	PW18S	PW18	
1988→1991		PW18	PW18S	PW18	
1992→		PW19	PW19S	PW19	PW16
VANETTE					
1988→1991		PW22	PW22S	PW22	
1992→1995		PW22	PW22S	PW19	PW18
1995→		PW24	PW24S	PW24	PW16
OPEL					
AGILA					
2000→		PW20	PW20S	PW18	PW13
ASTRA					
08/1991→1997	CABRIO	PW18	PW18S	PW18	
2001→2003	CABRIO	PW20	PW20S	PW19	
08/1991→1997	SALOON (4 DOORS)	PW18	PW18S	PW18	
08/1991→1997	HATCHBACK (3/5 DOORS)	PW18	PW18S	PW18	PW18
1998→2003	HATCHBACK (3/5 DOORS)	PW20	PW20S	PW19	
08/1991→1997	ESTATE	PW18	PW18S	PW18	PW16
1998→2001	ESTATE	PW20	PW20S	PW19	PW13
2000→2003	ESTATE	PW20	PW20S	PW19	
2000→2003	COUPE	PW20	PW20S	PW19	
CALIBRA					
1990→1996		PW19	PW19S	PW19	PW19
COMBO					
2001→		PW20	PW20S	PW18	PW13
1994→2000		PW18	PW18S	PW18	
2001→		PW20	PW20S	PW18	PW13
CORSA A					
1983→1992	SALOON (4 DOORS)	PW16		PW16	
1983→1992	HATCHBACK (3/5 DOORS)	PW16		PW16	PW16
CORSA B					
04/1993→1999	HATCHBACK (3 DOORS)	PW18	PW18S	PW18	PW16
04/1993→1999	HATCHBACK (5 DOORS)	PW18	PW18S	PW18	PW13
CORSA C					
2000→	(3 DOORS)	PW20	PW20S	PW18	
2000→	(5 DOORS)	PW20	PW20S	PW18	
FRONTERA					
1991→1998		PW19	PW19S	PW19	PW11
1999→		PW19	PW19S	PW19	PW13



KADETT					
1984→1991		PW18	PW18S	PW18	PW18
1984→1991	ESTATE	PW18	PW18S	PW18	PW13
MONTEREY					
1992→		PW20	PW20S	PW20	PW16
OMEGA A					
1986→1993		PW19	PW19S	PW19	
1986→1993	ESTATE	PW19	PW19S	PW19	PW13
OMEGA B					
1994→2000		PW24	PW24S	PW19	
1994→2000	ESTATE	PW24	PW24S	PW19	PW13
2000→	SALOON	PW24	PW24S	PW19	
2000→	ESTATE	PW24	PW24S	PW19	PW13
SINTRA					
1996→		PW24	PW24S	PW24	PW18
TIGRA					
1993→2003		PW18	PW18S	PW18	PW20
2004→		PW20	PW20S	PW18	
VECTRA A					
1988→1995	SALOON (4 DOORS)	PW19	PW19S	PW19	
1988→1995	HATCHBACK (5 DOORS)	PW19		PW19	PW19
VECTRA B					
1995→2001	SALOON (4 DOORS)	PW19	PW19S	PW19	
1995→2001	HATCHBACK (5 DOORS)	PW19	PW19S	PW19	PW19
1995→2001	ESTATE	PW19	PW19S	PW19	PW13
VECTRA					
2000→	SALOON (5 DOORS)	PW19	PW19S	PW19	PW19
2000→	ESTATE	PW19	PW19S	PW19	PW13
ZAFIRA					
1998→2000		PW24	PW24S	PW24	PW16
2000→		PW24	PW24S	PW24	
PEUGEOT					
106					
1991→1999		PW20	PW20S	PW18	PW16
2000→		PW20	PW20S	PW18	
1991→1999		PW20	PW20S	PW18	PW16
205					
1983→1997		PW18	PW18S	PW18	PW18
1983→1997	CABRIO	PW18	PW18S	PW18	
1983→1997		PW18	PW18S	PW18	PW18

**PEUGEOT**

206					
1998→		PW24	PW24S	PW16	PW13
2001→	ESTATE, COUPE	PW24	PW24S	PW16	
305					
1978→1989		PW16		PW16	
1978→1989		PW16		PW16	
306					
1992→2001	SALOON (4 DOORS)	PW22	PW22S	PW20	
1992→2000	CABRIO	PW22	PW22S	PW20	
2000→	M7	PW22	PW22S	PW20	
1992→2001	HATCHBACK (3/5 DOORS)	PW22	PW22S	PW20	PW20
1997→2000	ESTATE	PW22	PW22S	PW20	PW11
2000→	SALOON	PW22	PW22S	PW20	
2000→	ESTATE	PW22	PW22S	PW20	
1992→2001		PW22	PW22S	PW20	PW20
307					
2001→		PW24	PW24S	PW24	
2002→	STATION WAGON	PW24	PW24S	PW24	
309					
1985→1994		PW18	PW18S	PW18	
405					
1988→1991	ESTATE				PW13
1991→1996	ESTATE				PW13
406					
1995→		PW24	PW24S	PW22	PW18
1996→	ESTATE	PW24	PW24S	PW22	
1997→	COUPE	PW24	PW24S		
605					
1989→		PW22	PW22S	PW22	
BOXER					
02/1994→		PW22	PW22S	PW22	
EXPERT					
1995→04/1998				PW20	
05/1998→				PW20	
EXPRESS					
1981→1994		PW20	PW20S	PW20	
PARTNER					
1997→		PW22	PW22S	PW22	PW16
1996→2002	(2 REAR DOORS)	PW22	PW22S	PW22	PW13

**RENAULT**

19					
07/1989→1990	CABRIO, CHAMADE (4 DOORS)	PW20	PW20S	PW20	
1990→1996	CABRIO, CHAMADE (4 DOORS)	PW20	PW20S	PW20	
1988→06/1989	HATCHBACK (3/5 DOORS)	PW20	PW20S	PW20	PW19
07/1989→1990	HATCHBACK (3/5 DOORS)	PW20	PW20S	PW20	PW19
1990→1996	HATCHBACK (3/5 DOORS)	PW20	PW20S	PW20	PW19
21					
1986→06/1989	SALON (4 DOORS)	PW20	PW20S	PW20	
07/1989→1995	SALON (4 DOORS)	PW20	PW20S	PW20	
1986→06/1989	HATCHBACK (5 DOORS)	PW20	PW20S	PW20	PW20
07/1989→1995	HATCHBACK (5 DOORS)	PW20	PW20S	PW20	PW20
1986→06/1989	NEVADA, SAVANNA	PW20	PW20S	PW20	PW18
07/1989→1995	NEVADA, SAVANNA	PW20	PW20S	PW20	PW18
04/1989→1992		PW22	PW22S	PW22	PW22
CLIO I					
1990→06/1994		PW18	PW18S	PW18	PW16
07/1994→1998		PW20	PW20S	PW20	PW16
1990→06/1994		PW18	PW18S	PW18	PW16
07/1994→1998		PW20	PW20S	PW20	PW16
CLIO II					
1998→06/2001		PW21	PW21S	PW18	PW13
06/2001→		PW20	PW20S	PW18	
1998→		PW21	PW21S	PW18	PW13
ESPACE II					
1991→1996					PW16
ESPACE III					
1997→2002					PW16
KANGOO					
1997→2000	(2 REAR DOORS)	PW20	PW20S	PW20	PW16
2000→		PW20	PW20S	PW20	
1997→		PW20	PW20S	PW20	PW16
1997→	(2 REAR DOORS)	PW20	PW20S	PW20	PW16
LAGUNA					
1994→2000		PW24	PW24S	PW19	PW21
2000→		PW24	PW24S		
1995→2000	ESTATE	PW24	PW24S	PW19	PW13
2001→	GRAND TOUR	PW24	PW24S		
MEGANE					
1995→2000	HATCHBACK (5 DOORS)	PW22	PW22S	PW20	PW20
1995→2003	CABRIO	PW22	PW22S	PW20	

**RENAULT****MEGANE**

1995→2000	COACH, COUPE	PW22	PW22S	PW20	PW16
1999→	ESTATE	PW22	PW22S	PW20	PW13
1995→2002	CLASSIC (4 DOORS)	PW22	PW22S	PW20	
2000→2002	COUPE	PW22	PW22S	PW20	
2003→	(3-5 DOORS)	PW24	PW24S	PW18	
2003→	ESTATE	PW24	PW24S	PW18	
2003→	COUPE	PW24	PW24S	PW18	

SCENIC

1996→2003		PW24	PW24S	PW16	PW16
1999→2003	RX4	PW24	PW24S	PW16	

SAFRANE

1992→1998		PW24	PW24S	PW24	PW22
1999→		PW24	PW24S	PW24	PW22

TWINGO

1993→					PW13
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TRAFIC

03/1989→03/2001		PW20	PW20S	PW20	
04/2001→		PW24	PW24S	PW21	

ROLLS-ROYCE**CORNICHE**

1986→		PW13		PW13	
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SILVER SPIRIT

1981→		PW18	PW18S	PW18	
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SILVER SPUR

1981→		PW18	PW18S	PW18	
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ROVER

25					
2000→		PW18	PW18S	PW18	PW18
45					
2000→		PW20	PW20S	PW18	PW18
75					
1998→		PW22	PW22S	PW22	
100					
1990→1999		PW16		PW16	PW16
200					
1984→1990		PW18	PW18S	PW18	
1990→1999	HATCHBACK (3/5 DOORS)	PW18	PW18S	PW18	PW18
1990→	CABRIO	PW18	PW18S	PW18	
1992→	COUPE	PW18	PW18S	PW18	PW20



400					
1990→1995		PW18	PW18S	PW18	
1995→1999	SALOON (4 DOORS)	PW20	PW20S	PW18	
1995→1999	HATCHBACK (5 DOORS)	PW20	PW20S	PW18	PW18
1994→	TOURER	PW18	PW18S	PW18	PW13
600					
1993→1999		PW22	PW22S	PW20	
800					
1986→1992	SALOON (4 DOORS)	PW19	PW19S	PW19	
1992→1998	SALOON (4 DOORS)	PW20	PW20S	PW20	
1986→1992	HATCHBACK (5 DOORS)	PW19	PW19S	PW19	PW19
1992→1998	HATCHBACK (5 DOORS)	PW20	PW20S	PW20	PW20
1992→1998	COUPE	PW20	PW20S	PW20	
MINI					
1973→1998		PW11		PW11	
1999→2000		PW11		PW11	
2000→		PW18	PW18S	PW19	
SAAB					
9-3					
1998→2000	HATCHBACK (3/5 DOORS)	PW21	PW21S	PW21	PW20
1998→2000	CABRIO	PW21	PW21S	PW21	
2000→		PW21	PW21S	PW21	PW20
2000→2002	CABRIO	PW21	PW21S	PW21	
2003→	CABRIO	PW22	PW22S	PW22	
9-5					
2000→2002		PW24	PW24S	PW22	
1997→	HATCHBACK (5 DOORS)	PW24	PW24S	PW22	
1997→2000	ESTATE	PW24	PW24S	PW22	
2000→	ESTATE	PW24	PW24S	PW22	
900					
1978→1993		PW16		PW16	
1993→	HATCHBACK (5 DOORS)	PW21	PW21S	PW21	PW20
1993→1998	COUPE	PW21	PW21S	PW21	
1993→1998	CABRIO	PW21	PW21S	PW21	
9000					
1984→1991	SALOON (4 DOORS)	PW20	PW20S	PW20	
1992→1998	SALOON (4 DOORS)	PW21	PW21S	PW21	
1984→1991	HATCHBACK (5 DOORS)	PW20	PW20S	PW20	PW20
1992→1998	HATCHBACK (5 DOORS)	PW21	PW21S	PW21	PW21
SEAT					
AROSA					
1997→1999		PW19	PW19S	PW19	PW11



SEAT					
AROSA					
1999→2000		PW21	PW21S	PW19	PW11
2000→		PW21	PW21S	PW19	PW11
CORDOBA					
1993→1999	SALOON (4 DOORS)	PW21	PW21S	PW19	PW13
1999→2000	(4 DOORS)	PW21	PW21S	PW19	
2000→	SALOON (4 DOORS)	PW21	PW21S	PW19	
1997→1999	ESTATE	PW21	PW21S	PW19	
1999→2000	ESTATE	PW21	PW21S	PW19	
2000→	ESTATE	PW21	PW21S	PW19	
IBIZA					
1984→1991		PW18	PW18S		PW18
1992→1993		PW20	PW20S	PW20	PW19
05/1993→1999		PW21	PW21S	PW19	PW13
1999→2001		PW21	PW21S	PW19	PW13
2001→	SALOON (3 DOORS)	PW21	PW21S	PW19	PW13
2001→	SALOON (5 DOORS)	PW21	PW21S	PW19	PW13
LEON					
1999→2000		PW21	PW21S	PW19	
2000→		PW21	PW21S	PW19	
MALAGA					
1985→1992		PW16		PW16	
TOLEDO					
1991→1998		PW20	PW20S	PW20	
1998→		PW21	PW21S	PW18	
2000→		PW21	PW21S	PW19	
SKODA					
FABIA					
1999→		PW21	PW21S	PW19	
2000→	ESTATE	PW21	PW21S	PW19	
2001→	SALOON (4 DOORS)	PW21	PW21S	PW19	
2000→	ESTATE	PW21	PW21S	PW19	
FAVORIT					
1988→08/1992		PW18	PW18S	PW18	PW16
FELICIA					
1994→		PW20	PW20S	PW20	PW16
FELICIA PICK-UP					
1995→		PW20	PW20S	PW20	
OCTAVIA					
1996→		PW21	PW21S	PW19	



1996→	ESTATE	PW21	PW21S	PW19	PW13
SSANGYONG					
KJ					
1993→		PW18	PW18S	PW18	PW11
KORANDO					
1993→		PW18	PW18S	PW18	PW11
MUSSO					
1994→		PW20	PW20S	PW18	PW13
1995→1996	SALOON, CLUB, ISTANA	PW20	PW20S	PW20	PW16
1997→2003	SALOON, CLUB, ISTANA	PW20	PW20S	PW20	PW13
2004→		PW20	PW20S	PW18	PW13
REXTON					
2003→		PW20	PW20S	PW20	PW13
SUBARU					
DOMINGO					
1984→1994		PW16		PW16	PW13
1994→		PW16		PW16	PW16
FORESTER					
1998→2000		PW21	PW21S	PW18	PW16
2001→2003		PW21	PW21S	PW19	PW16
2004→		PW22	PW22S	PW19	PW16
IMPREZA					
1992→2001		PW21	PW21S	PW18	PW16
2001→		PW22	PW22S	PW22	
2001→	HATCHBACK	PW22	PW22S	PW18	PW16
LEGACY					
1989→1993	SALOON (4 DOORS)	PW20	PW20S	PW18	
1993→1998	SALOON (4 DOORS)	PW21	PW21S	PW19	
1999→2000	SALOON (4 DOORS)	PW22	PW22S	PW20	
2000→	SALOON (4 DOORS)	PW22	PW22S	PW20	
1989→1993	ESTATE	PW20	PW20S	PW18	PW16
1993→1998	ESTATE	PW21	PW21S	PW19	PW16
1999→2000	ESTATE	PW22	PW22S	PW20	PW16
2000→	ESTATE	PW22	PW22S	PW20	PW16
1996→2000	OUTBACK	PW21	PW21S	PW19	PW16
2000→	OUTBACK	PW22	PW22S	PW20	PW16
SUZUKI					
ALTO					
1994→1997		PW19	PW19S	PW16	PW13
1998→2002		PW19	PW19S	PW19	PW13
2002→		PW18	PW18S	PW16	PW11



SUZUKI					
BALENO					
1995→2000	SALOON (4 DOORS)	PW20	PW20S	PW18	
1997→2000	ESTATE	PW20	PW20S	PW18	PW13
CARRY					
1992→		PW16		PW16	PW16
GRAND VITARA					
1998→		PW19	PW19S	PW19	PW16
JIMNY					
1998→		PW18	PW18S	PW16	PW11
SAMURAI					
03/1985→		PW11		PW11	PW11
SWIFT					
1989→1992		PW20	PW20S	PW18	PW16
1993→		PW21	PW21S	PW18	PW13
VITARA					
1992→		PW18	PW18S	PW18	PW16
WAGON R+					
1997→		PW20	PW20S	PW18	PW11
TOYOTA					
4 RUNNER					
1992→1995		PW18	PW18S	PW18	PW13
AVENSIS					
1998→1999	SALOON (4 DOORS)	PW22	PW22S	PW18	
1999→2000	SALOON (4 DOORS)	PW21	PW21S	PW18	
2000→2002	SALOON (4 DOORS)	PW21	PW21S	PW18	
2003→	SALOON (4 DOORS)	PW24	PW24S	PW16	
1998→1999	HATCHBACK (5 DOORS)	PW22	PW22S	PW18	PW20
1999→2000	HATCHBACK (5 DOORS)	PW21	PW21S	PW18	PW20
2000→	HATCHBACK (5 DOORS)	PW21	PW21S	PW18	PW20
2003→	HATCHBACK (5 DOORS)	PW24	PW24S	PW16	
1998→1999	ESTATE	PW22	PW22S	PW18	PW13
1999→	ESTATE	PW21	PW21S	PW18	PW13
2003→	ESTATE (5 DOORS)	PW24	PW24S	PW16	
2001→2002	VERSO	PW24	PW24S	PW16	
2003→	VERSO			PW16	
CAMRY					
1992→2000		PW21	PW21S	PW19	
1992→2000	ESTATE	PW21	PW21S	PW19	PW11
2001→				PW19	
CARINA E					
1992→1997	SALOON (4 DOORS)	PW21	PW21S	PW18	



1992→1997	HATCHBACK (5 DOORS)	PW21	PW21S	PW18	PW20
1993→1997	ESTATE	PW21	PW21S	PW19	PW16
CELICA					
1992→1993		PW20	PW20S	PW18	
1994→1998		PW21	PW21S	PW19	PW20
1999→2000		PW24	PW24S	PW16	PW20
COROLLA					
1992→1996		PW20	PW20S	PW18	PW18
1997→1999	HATCHBACK (5 DOORS)	PW20	PW20S	PW18	PW20
2000→	HATCHBACK (5 DOORS)	PW22	PW22S	PW18	PW20
1997→2000	HATCHBACK (3 DOORS)	PW20	PW20S	PW18	PW16
2001→	SALOON (4 DOORS)	PW24	PW24S	PW16	
1992→1996	ESTATE	PW20	PW20S	PW18	PW16
1997→2000	ESTATE	PW20	PW20S	PW18	PW13
2001→	ESTATE	PW24	PW24S	PW16	
2001→	VERSO			PW16	
CORONA					
1968→1979		PW16		PW16	
DYNA					
1970→1982		PW13		PW13	
1997→		PW18	PW18S	PW18	PW13
HI-ACE					
1970→1980		PW16		PW16	
1995→		PW21	PW21S	PW21	PW18
HI-LUX					
1997→2000		PW18	PW18S	PW18	
2000→		PW18	PW18S	PW18	
LAND CRUISER					
1990→1996		PW18	PW18S	PW18	PW16
1997→1998		PW18	PW18S	PW16	PW13
1998→2000		PW19	PW19S	PW18	PW13
2001→		PW24	PW24S	PW22	PW16
2002→		PW22	PW22S	PW21	PW18
2002→		PW22	PW22S	PW21	
MR5					
1993→1999		PW20	PW20S	PW19	
MR6					
2000→		PW20	PW20S	PW19	
PREVIA					
2001→				PW18	
PRIUS					
1998→2000		PW24	PW24S	PW16	

**TOYOTA**

PRIUS					
2000→		PW24	PW24S	PW18	
RAV 4					
1994→2000		PW20	PW20S	PW18	PW13
2000→		PW24	PW24S	PW19	
STARLET					
1996→1998		PW20	PW20S	PW18	PW16
SUPRA					
1992→1993		PW20	PW20S	PW18	
1993→		PW21	PW21S	PW20	PW18
YARIS					
1998→2002		PW21	PW21S	PW13	
2003→		PW20	PW21S	PW13	
YARIS VERSO					
1999→		PW22	PW22S	PW16	PW16

VW

BETLE					
1977→1985	SUPER	PW16		PW16	
1998→				PW21	
BORA					
1998→08/2002		PW21	PW21S	PW19	
1999→08/2002	VARIANT	PW21	PW21S	PW19	PW16
09/2002→	VARIANT				PW16
CADDY					
1982→1995		PW16		PW16	
1996→02/2004		PW21	PW21S	PW18	PW18
03/2004→	(2 DOORS REAR)				PW16
CORRADO					
1988→1995		PW19	PW19S	PW19	PW18
GOLF I					
1974→1983		PW16		PW16	PW16
1974→1992	CABRIO	PW16		PW16	
GOLF II					
1983→1991		PW18	PW18S	PW18	PW16
GOLF III					
1992→12/1895		PW21	PW21S	PW19	PW13
1996→09/1997		PW21	PW21S	PW19	PW13
1993→12/1995	CABRIO	PW21	PW21S	PW19	
01/1996→1998	CABRIO	PW21	PW21S	PW19	
09/1993→12/1995	VARIANT	PW21	PW21S	PW19	PW13



1996→1999	VARIANT	PW21	PW21S	PW19	PW13
GOLF IV					
10/1997→08/2002		PW21	PW21S	PW19	PW13
1999→2000	VARIANT	PW21	PW21S	PW19	PW16
1999→	CABRIO	PW21	PW21S	PW19	
JETTA					
1979→1992		PW16		PW16	
1983→1992	CARAT	PW18	PW18S	PW18	
KAFER					
1977→1985	SUPER	PW16		PW16	
LT					
1982→1996		PW19	PW19S	PW19	
1996→		PW24	PW24S	PW22	
LUPO					
1998→1999		PW19	PW19S	PW19	PW11
1999→		PW21	PW21S	PW19	PW11
05/2000→	GTI				PW11
PASSAT					
1980→1988		PW18	PW18S	PW18	PW16
1988→1992		PW21	PW21S	PW21	
1993→1996		PW21	PW21S	PW21	
1997→2001		PW21	PW21S	PW21	
1997→2001	VARIANT	PW21	PW21S	PW21	PW16
POLO					
1988→1991		PW21	PW21S	PW21	
1992→2002		PW21	PW21S	PW21	
1973→1980	VARIANT	PW16		PW16	PW16
1980→1988	VARIANT	PW18	PW18S	PW18	PW16
1988→1991	VARIANT	PW21	PW21S	PW21	PW16
1992→2002	VARIANT	PW21	PW21S	PW21	PW16
2002→	VARIANT (→ 3B.2.225.001)			PW16	
09/2002→	W8				PW16
1981→07/1994	SALOON (4 DOORS)	PW16		PW16	
1981→07/1994	HATCHBACK	PW16		PW16	PW11
1981→07/1994	COUPE	PW16		PW16	PW16
08/1994→06/1995		PW19	PW19S	PW19	PW11
07/1995→1999		PW19	PW19S	PW19	
2000→10/2001		PW19	PW19S	PW19	PW11
10/2001→					PW11
1995→1998	CLASSIC (4 DOORS)	PW21	PW21S	PW18	
1999→2000	CLASSIC (4 DOORS)	PW21	PW21S	PW19	



VW					
POLO					
1997→1998	VARIANT	PW21	PW21S	PW18	
1999→2000	VARIANT	PW21	PW21S	PW19	
SHARAN					
1995→10/2001					PW16
11/2001→					PW16
TRANSPORTER					
1979→1990		PW18	PW18S	PW18	
1990→1991		PW20	PW20S	PW20	
1992→02/2003		PW21	PW21S	PW21	
VENTO					
1991→1999		PW21	PW21S	PW19	
VOLVO					
240					
1974→1993		PW16		PW16	
1974→1993	ESTATE	PW16		PW16	PW13
260					
1975→1993		PW16		PW16	
1974→1993	ESTATE	PW16		PW16	PW13
340					
1979→1989		PW18	PW18S	PW18	
440					
1988→1997		PW21	PW21S	PW21	PW20
460					
1989→1997		PW21	PW21S	PW21	
480					
1986→1995		PW21	PW21S	PW21	PW16
740					
1984→1991	SALOON (4 DOORS)	PW20	PW20S	PW20	
1984→1991	ESTATE	PW20	PW20S	PW20	PW13
760					
1982→1987	SALOON (4 DOORS)	PW20	PW20S	PW20	
1987→1991	SALOON (4 DOORS)	PW21	PW21S	PW21	
1982→1987	ESTATE	PW20	PW20S	PW20	PW13
1987→1991	ESTATE	PW21	PW21S	PW21	PW13
780					
1985→1991		PW20	PW20S	PW20	
850					
1991→1996	SALOON (4 DOORS)	PW21	PW21S	PW21	
1991→1996	ESTATE	PW21	PW21S	PW21	PW18



940					
1990→1997	SALOON (4 DOORS)	PW20	PW20S	PW20	
1990→1997	ESTATE	PW20	PW20S	PW20	PW13
960					
1990→1996	SALOON (4 DOORS)	PW21	PW21S	PW21	
1990→1996	ESTATE	PW21	PW21S	PW21	PW13
C70					
1996→2000		PW21	PW21S	PW21	
2000→		PW21	PW21S	PW21	
CROSS COUNTRY					
2000→	ESTATE	PW24	PW24S		
S40					
1995→		PW21	PW21S	PW20	
S60					
2000→		PW24	PW24S	PW22	
S70					
1996→		PW21	PW21S	PW21	
S80					
1998→2000		PW24	PW24S	PW22	
2000→		PW24	PW24S	PW22	
S90					
1996→		PW21	PW21S	PW21	
V40					
1995→05/1998		PW21	PW21S	PW20	PW16
05/1998→		PW21	PW21S	PW20	
V70					
1996→2000		PW21	PW21S	PW21	PW18
2000→		PW24	PW24S		
2000→	XC + CROSS COUNTRY	PW24	PW24S		
V90					
1996→		PW21	PW21S	PW21	PW13
ZAZ					
TAVRIA					
1988→		PW20			PW13

**Таблица
комплектации**

PREMIUM	РАЗМЕР,ММ	РАЗМЕР, ДЮЙМ	СПОЙЛЕР	АДАПТЕРЫ
PW11	280	11		E+F+B+C+D
PW13	330	13		E+F+C+G+D
PW16	400	16		F+C+G+D+F1
PW18	450	18		G+O
PW19	480	19		O
PW20	500	20		O
PW21	530	21		O
PW22	550	22		O
PW24	600	24		O
PW18S	450	18	SPOILER	G+O
PW19S	480	19	SPOILER	O
PW20S	500	20	SPOILER	O
PW21S	530	21	SPOILER	O
PW22S	550	22	SPOILER	O
PW24S	600	24	SPOILER	O

**Таблица взаимо-
заменяемости**

PREMIUM	BOSCH	CHAMPION	TRICO	SWF
PW11		X29	TV28A	260
PW13	340	X33	TV33A	305
PW16	400	X41	TV40A	400
PW18	450	X45	TV45A	450
PW19	480	X48	TV48D	475
PW20	500	X51	TV50C	500
PW21	530	X53	TV53D	530
PW22	550	X55	TV55D	550
PW24	600	X60	TV60D	600
PW18S	450S	SX45	TS450	S450
PW19S	480S	SX48	TS480	S475
PW20S	500S	SX51	TS500	S500
PW21S	530S	SX53	TS530	S530
PW22S	550S	SX55	TS550	S550
PW24S		SX60	TS600	S600