

Comprehensive Range covering
Passenger Vehicles
Light Commercial Vehicles



Brake Pads

2008



BOSCH

Brake Pads from Bosch

World's No. 1
Brake System
Supplier



Bosch Brakes

Brake Pads

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Your Guide to Choosing the Right Pad



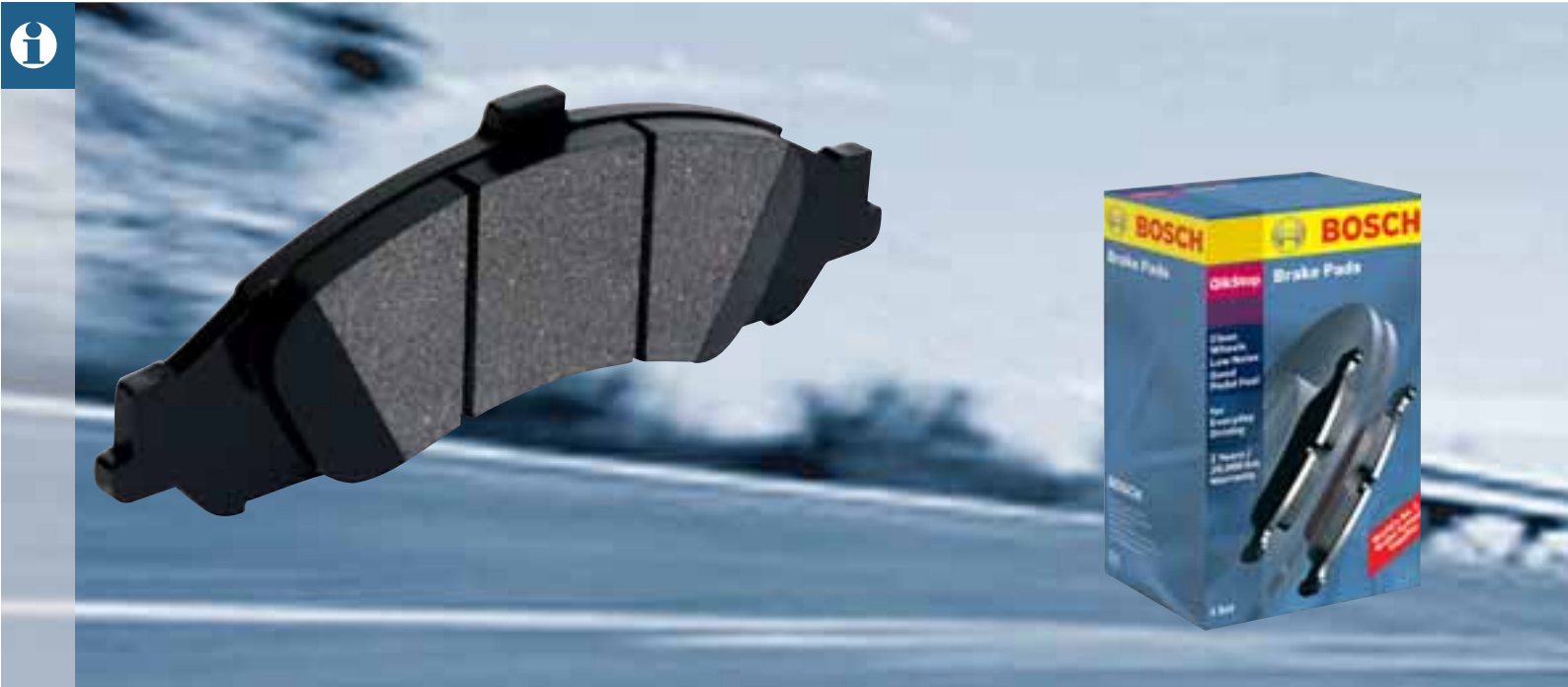
Everyday Driving	
Product Benefits	Clean wheels Low Noise Good pedal Feel
Warranty	2 Years / 20,000 km
Recommended Usage	General driving - suburban, freeway and country, commuting family run-around.
Typical vehicles	Ford Falcon, Holden Commodore, Honda Civic, CRV, Hyundai Excel, KIA Rio, Mazda 3, Mitsubishi Lancer, Magna, Subaru Impreza , Toyota Camry, Corolla





Demanding Driving	
Product Benefits	Long Life Low Noise Good pedal Feel
Warranty	3 Years / 30,000 km
Recommended Usage	Frequent, vigorous braking - towing, carrying loads, mountainous terrain, sports touring, off road.
Typical vehicles	Audi A3, BMW 3 & 5 Series, Ford Mondeo, Holden Astra, Jeep Cherokee, Mercedes Benz C Class, Peugeot 206, Saab 93, VW Golf, Polo, Volvo S40

For Everyday Driving



Bosch QikStop brake pads are a general purpose brake pad designed to meet today's and yesterday's, motor vehicle braking system requirements.

Bosch QikStop brake pads are a premium manufactured using non-asbestos organic materials. Bosch QikStop brake pads contain lower levels of abrasive metal, compared to metallic or semi-metallic alternatives.

This lower level of metal content will result in reduced levels of wear to your vehicles brake discs, which are much more expensive to replace. Bosch QikStop brake pads offer good and solid all round braking performance. They provide excellent pedal feel regardless of hot or cold braking conditions.

Compared to competitors in the same class Bosch QikStop brake pads offer:

- ▶ 2 year / 20,000 km warranty.
- ▶ excellent consistency in braking performance
- ▶ good noise suppression
- ▶ excellent comfort characteristics
- ▶ very low levels of dust
- ▶ extensive range of vehicle applications
- ▶ excellent value for money
- ▶ manufactured to QS9000 standards

For Demanding Driving



As the name suggests Bosch Ultra brake pads are a premium brake pad specifically produced to meet the braking requirements of demanding driving styles.

Naturally they are made using only the best non-asbestos organic compounds from a variety of global sources.

The stand out features of Bosch Ultra pads are excellent stopping power, excellent noise suppression and excellent braking comfort.

Original equipment (vehicle manufacturers) brake pad specifications were used in benchmarking the development of Bosch Ultra pads.

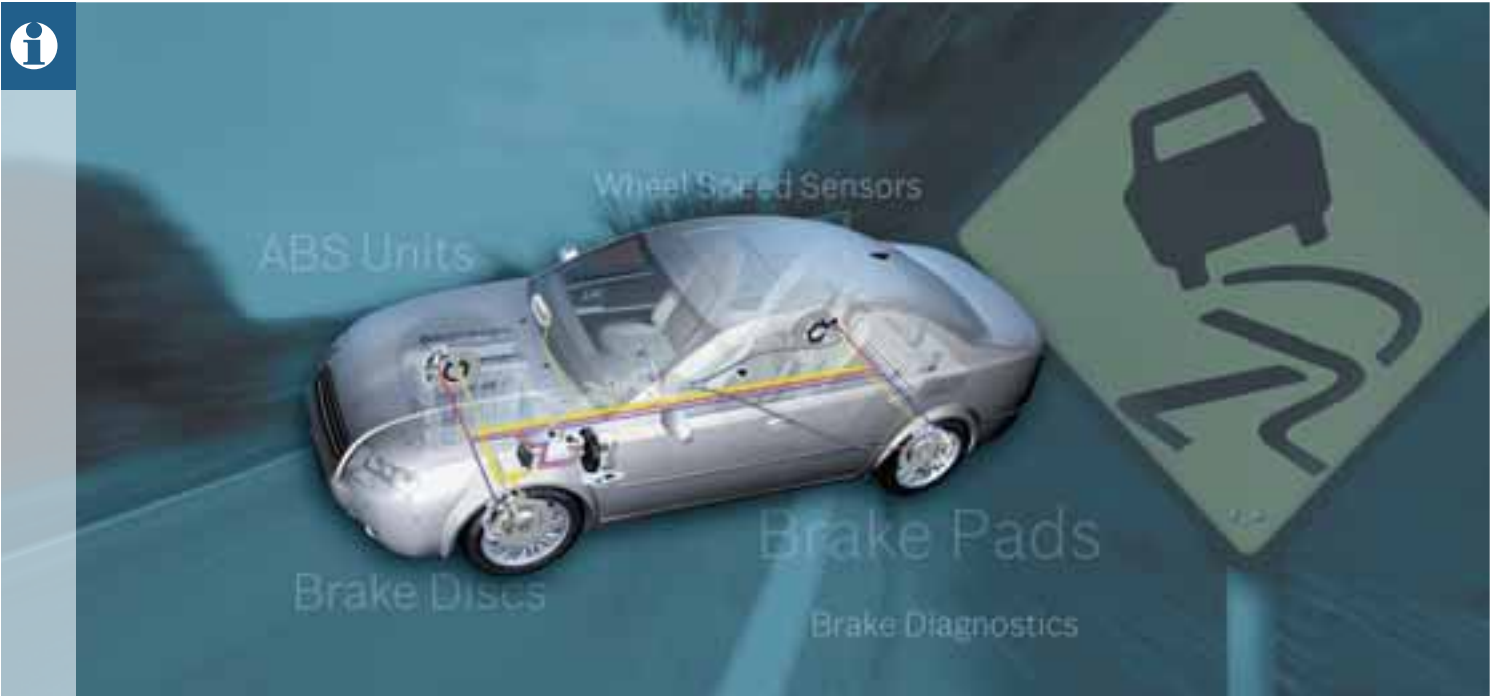
The multiple formulations used in the manufacture of Bosch Ultra pads have a highly stable coefficient of friction (CoF).

Constructive noise-dampening features in the brake pads prevent vibrations from being passed on thus ensuring a high degree of comfort during braking.

Compared to competitors in the same class Bosch Ultra brake pads offer :

- ▶ 3 year / 30,000 km warranty.
- ▶ excellent consistency in brake feel
- ▶ excellent noise suppression
- ▶ excellent comfort characteristics
- ▶ extensive range of European vehicle applications
- ▶ manufactured to QS9000 standards

Worlds No.1 Brake System Supplier



Conventional braking systems

On conventional brake systems, the braking sequence is initiated exclusively by means of force applied to the brake pedal. In the braking system's master cylinder, that force is converted to hydraulic pressure. Brake fluid acts as the transmission medium between the master cylinder and the brakes.

On power-assisted braking systems such as are most frequently used on cars and light commercial vehicles, the actuation pressure is amplified by a brake servo unit (brake booster).

Electronic braking systems Antilock braking system (ABS)

First used on a volume-production vehicle in 1978. ABS prevents the wheels locking up and the vehicle becoming uncontrollable under heavy braking. As with conventional systems, an ABS system has a mechanical link between the brake pedal and the brakes. But it also incorporates an additional component, the hydraulic modulator. Solenoid valves in the hydraulic modulator are controlled in such a way that if the degree of wheel slip exceeds a certain amount, the brake pressure in the individual wheel cylinders is selectively limited to prevent wheels locking. ABS has been continually improved and developed to the extent that it is now standard equipment on virtually all new vehicles manufactured in Australia, Europe and Japan.

Electrohydraulic brakes (SBC)

SBC represents a new generation of braking systems. Under normal operating conditions, it has no mechanical link between the brake pedal and the wheels cylinders.

The system detects the brake pedal travel electronically using duplicated sensor signals in an ECU (electronic control unit).

This method of operation is sometimes referred to as "brake by wire". The hydraulic modulator controls the pressure in the individual brakes by means of solenoid valves. Operation of the brakes is affected hydraulically using brake fluid as the transmission medium.

Ancillary functions of electronic systems

- ▶ Electronic processing of data also makes possible a number of ancillary functions that can be integrated in the overall electronic braking and vehicle dynamics systems.
- ▶ Brake Assist (BA) increases brake pressure if the driver is hesitant in applying the full force of the brakes in an emergency.
- ▶ Electronic Braking-force distribution controls braking force at the rear wheels so that the best possible balance between front and rear wheel braking is achieved.
- ▶ Hill Descent Control (HDC) automatically brakes the vehicle on steep descents.

From the Inventor of ABS



Anti-Lock Braking Systems (ABS)

In hazardous driving conditions, it is possible for the wheels of a vehicle to lock up under braking. The possible causes include wet or slippery road surfaces, and abrupt reaction on the part of the driver (emergency stop). As a result the vehicle can become uncontrollable. The ABS detects if one or more wheels are about to lock up under braking and if so makes sure that the brake pressure remains constant or is reduced. This prevents the wheels from locking up and the vehicle remains steerable. As a consequence the vehicle can be braked or stopped quickly and safely.

Hydraulic modulator

The hydraulic modulator incorporates a series of solenoid valves that can open or close the hydraulic circuits between the master cylinder and the brakes. The pressure in the relevant brake(s) is thus reduced so that wheel lock-up does not occur.

Electronic control unit (ECU)

The ECU processes the information received from the sensors according to defined mathematical procedures (control algorithms). The results of those calculations form the basis for the control signals sent to the hydraulic modulator unit.

Wheel speed sensors

The speed of the rotation of the wheels is an important input variable for the ABS control system. Inductive wheel speed sensors detect the speed of rotation of each individual wheel and pass that information onto the control unit.

Depending on which version of the ABS system fitted, a car may have two, three, or four wheel-speed sensors. The information from the wheel speed sensors is used to calculate the degree of slip between the wheels and the road surface and therefore detect whether any of the wheels is about to lock up.

Everything From a Single Source



Control & Transmission components

High quality materials and strict quality control guarantee long service life and, therefore reliability in the long run.

- ▶ Master cylinder
- ▶ Brake booster / servo
- ▶ Brake force regulator

Maximum safety and consistent transmission behaviour mean peace of mind for workshops and drivers.

- ▶ Brake fluid
- ▶ Brake hoses
- ▶ Brake cables

Bosch disc brakes

One-stop shop for OEM quality products Bosch offers complete solutions with a high degree of market coverage.

- ▶ Brake discs
- ▶ Brake pads
- ▶ Brake pad accessories
- ▶ Brake wear sensors
- ▶ Brake calipers / exchange brake calipers
- ▶ Brake caliper repair kit

Guaranteed System Technology



Bosch drum brakes

All components are perfectly matched to one another. High market coverage and workshop-friendly complete solutions for fast and safe parts replacement.

- ▶ Drums
- ▶ Brake shoes
- ▶ Drum brake shoe accessories
- ▶ Kit Pro brake shoes
- ▶ Kit Super Pro brake shoes
- ▶ Wheel cylinders

Electronic driving safety systems

World-leading systems such as the Antilock Braking System (ABS), the Traction Control System (TCS) and the Electronic Stability Program (ESP®) by Bosch, the pioneer in automotive safety. Maximum functionality is assured by intensive independent research and close cooperation with vehicle manufacturers.

- ▶ Hydraulic units with add-on ECU
- ▶ Electronic Control Units
- ▶ Wheel Speed Sensors
- ▶ Steering angle sensors
- ▶ Yaw rate sensors
- ▶ Acceleration sensors

Extensive Original Equipment Know-how



Composition of brake friction material

The friction material from which brake pads are made is basically made up of four raw material groups. The relative proportions of those materials depends on the specifics of the application and the required frictional coefficient. The precise details of the friction material compositions are well guarded secrets known only to the manufacturers.

Raw Material Group	Raw Material	% by
Metal	Steel wool Copper powder	14
Fillers	Aluminium Oxide Mica Powder Barite Iron Oxide	14
Friction Adjusters	Antimony sulphide Graphite Power coke	35
Organic	Aramide fibre Resin filled powder Binding resin	28

Braking sequence

During braking, the brake pads are pressed against the brake disc. This friction pairing generates a frictional or braking force that converts the kinetic energy of the vehicle into heat. The kinetic friction coefficient between brake pad and disc determines amongst other things the amount of force that has to be applied to the brake pedal to achieve a given brake effect. It has a fundamental effect on brake balance and vehicle handling stability under braking. Disc-brake pads consist of a friction material and/or an intermediate layer that is glued to the metal backing plate.

Quality requirements for brake friction materials

The quality requirements of brake friction materials can be divided into three categories of safety, comfort and durability.

Safety

- ▶ stability of frictional coefficient
- ▶ shear resistance
- ▶ compressibility
- ▶ dimensional stability
- ▶ thermal conductivity
- ▶ corrosion resistance

Comfort

- ▶ noise suppression qualities
- ▶ vibration absorption
- ▶ response characteristics

Durability

- ▶ wear characteristics

Durability

There is no set replacement rates as these will vary dramatically depending on the vehicle application, driving style and friction material used. Inferior friction materials have been known to last only 2,000 kms, ultra premium materials in excess of 100,000 kms. On some vehicles, a wear sensor integrated in the brake pad comes into contact with the disc when the friction material has been worn down to a thickness of 3.5mm.

In doing so, it completes an electrical circuit connected to an indicator lamp on the dashboard, thus warning the driver that the pads need replacing. Minimum thickness for brake pads is 2mm (excluding the backing plate)

Comfort

Braking noises produced by disc-brake pads. Uneven frictional processes between the brake pad and the disc generate vibrations, whose sound waves can be discernible inside the vehicle to the driver, depending on their frequency. The major determinants of brake noise are brake pressure, brake-disc temperature, vehicle speed and climatic/atmospheric conditions. Brake noises during the braking sequence are distinguished according to whether they are produced at the point when the brakes are applied, continuously while the brakes are on, or when they are released.

Low frequency noises between 0 500 Hz are imperceptible from inside the car. Noises with a frequency of 500..1500Hz are not distinguishable by the driver as brake noises. High frequency noises of between 1500 and 15000 Hz are recognisable by the driver as brake noises.



Doing The Job Right



Sometimes a driver might experience a vibration or shudder felt through the brake pedal or steering wheel. This could be caused by Disc Thickness Variation (DTV) also known more commonly know as “warped disc’s”.

DTV is the un-even wear of the brake disc and can be caused by overheating of the discs, or develops as a result of excessive runout when pads / discs are fitted or serviced. Some of the things that contribute to the problem occurring include the following.

High spots on the disc, due to runout, can sometimes touch on the brake pad while the driver’s foot is off the brake pedal. This in turn wears down the disc causing DTV. The problem can occur more often if the driver tends to hold his or her foot on the brake for extended periods of time.

Manufacturers of brake discs use different types of cast iron in their manufacturing process. For this reason the heat transfer and wear from one disc manufacturers product to another will vary.

In some cases inspecting the brake pads and discs may not answer the reason for DTV. Further investigation may need to be conducted, it is recommended that associated systems be checked (eg wheel bearing, calipers, steering and suspension components).

When repairing a vehicle that has experienced DTV the following points should be considered to avoid the problem recurring.

What type of repair and bedding in process of the new components should be followed?

Is the installation process in accordance with the manufacturers specifications? Also have all the other related components been checked?

The correct bedding in process must be followed. This is even more critical today with non-asbestos material being used in all Bosch brake pads.

When planning to fit new Bosch brake pads we highly recommend that disc machining or replacement be undertaken. The discs should preferably be machined on the vehicle using good quality tools and equipment. Always use a non petroleum based solvent or reputable brake cleaner product to clean the discs before fitting new pads or returning old pads to the caliper.

A healthy brake system - safe braking



Inspection and maintenance

For safety's sake a vehicle's braking system must be checked at regular intervals. Maintenance and repairs must be undertaken in accordance with the vehicle manufacturers specification and a qualified trade technician must conduct any work undertaken.

Servicing should involve regular assessment and maintenance of the following components;

- ▶ brake pads and/or brake shoes
- ▶ brake discs and/or brake drums
- ▶ master cylinder
- ▶ brake calipers and/or wheel cylinders
- ▶ brake hoses
- ▶ brake pipes
- ▶ brake fluid level and brake fluid condition

Brake pads

Brake pads (and brake shoes) are the parts of the braking system that are subject to the greatest wear as the retardation of the vehicle is achieved by pressing the pads against the rotating discs. Proper maintenance of these components is absolutely essential for the safety of the braking system.

Checking wear

Assuming they have been correctly fitted, the rate at which brake pads (brake shoes) wear is dependent on the properties of the friction material, the manner in which the vehicle is driven and the loads it carries.

On most vehicles, reliable checking of the brake pad (and brake shoe) wear requires the removal of the wheels. Attempting to assess the level of wear with the wheels is not a wise option.

Maintenance

The components of hydraulic braking systems are subjected to considerable stresses. Heat, cold and vibration can all lead to material fatigue in the course of time. Splashwater, especially salt water and dirt cause corrosion and diminish the ability of components and mechanisms to operate smoothly. Consequently, impairment of function can result. For safety reasons, therefore, specific regular checks and maintenance work are absolutely essential.

The best time for carrying out such work is at the end of the winter season because the exposed components of the braking system are subjected to the most extreme weather conditions in the winter.

The checks and maintenance operations include:

- ▶ visual inspections
- ▶ function checks
- ▶ leakage test
- ▶ internal examination of brakes
- ▶ efficiency test

Caution:

If the level of fluid in the reservoir is very low, simply adding more fluid must on no account be viewed as the solution. The cause of the fluid loss must be established and rectified. Dark or cloudy brake fluid must be replaced immediately.

The Brakes feel like new!



Replacing brake pads

Disc-brake pads have to be replaced when the thickness of the friction material is worn down to 2mm.

On systems with wear sensors on the brake pads, a warning lamp on the dash indicates to the driver that the pads are due for replacement soon.

Brake pads must always be replaced on both sides (i.e. both front & both rear).

When replacing brake pads the discs should be checked at the same time for the following possible defects

- ▶ cracks
- ▶ scoring
- ▶ corrosion
- ▶ abrasion
- ▶ uneven thickness (DTV)

Bedding-In process

Always follow the vehicle manufacturer's handbook when replacing the brake pads.

Bosch brake pads must be "bedded-in" in order to ensure a long and trouble free service life. Once the new pads have been fitted and the brakes are in working order a functional test must be undertaken to "bed-in" the brake pads correctly.

Bosch recommends the following procedure be used:

1. Accelerate to 40 km/h and apply the brakes lightly and reduce the speed to approx. 10 km/h, without stopping.
2. Repeat Step 1 a minimum of 10 times allowing a small distance between applications.

During the "bedding-in" process do not apply excessive force or perform continuous brake applications.

A reduced level of brake pad performance, such as abnormal noise levels will occur, if the "bedding-in" procedure is not completed correctly.

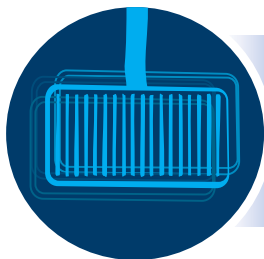
To achieve optimum performance (optional):

If the pads being replaced have a clip-on type shim, you can re-use and re-fit this shim to the new pads. Clip-on type shims can be removed and refitted by hand without the need of any tools. Failure to retrofit the shim does not affect product warranty.

Know what to look for



Cause	Remedy
Faulty, seized or misfitted brake caliper	Repair or replace caliper and fittings
Warped disc rotor	Machine disc rotor or replace
Contaminated brake pads, i.e. Oils, grease etc.	Replace brake pads



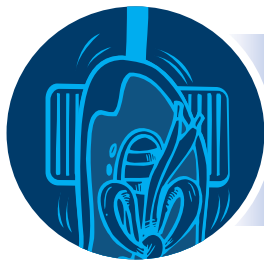
Cause	Remedy
Worn out brake pads	Replace brake pads
Poor condition of brake rotor	Machine disc rotor or replace
Faulty, seized or misfitted brake, caliper	Repair or replace caliper



Cause	Remedy
Faulty, seized or misfitted brake, caliper	Repair or replace caliper



Cause	Remedy
Poor condition of brake fluid	Replace brake fluid
Air in hydraulic system	Bleed system
Faulty hydraulic system	Diagnose and repair faulty components



Cause	Remedy
Faulty, seized or misfitted brake caliper	Repair or replace caliper and fittings
Warped disc rotor	Machine disc rotor or replace
Contaminated brake pads, i.e. Oils, grease etc.	Replace brake pads

Trouble shooting is only a guide and by no means is it a complete listing or repair guide. This section is a guide to problems that commonly occur with brake pads. It is designed to provide you with possible remedies when managing certain problems.

Knowledge and Equipment from a single source

Know-how For Professionals

Complex networked systems in vehicles require more qualified diagnostics and comprehensive knowledge on repairs from workshops. Mechanical systems and electronics have grown into a single unit, especially in braking systems. Bosch Diagnostics therefore offer workshops extensive system knowledge and complete testing technology from a single source. Modern, powerful diagnostic equipment, technical training and technical hotline support the workshops on braking systems repairs.



Advancement Through Knowledge

The future of the workshop is moving away from the business of simply replacing parts and moving towards the diagnosis of networked systems and targeted replacement of high-value components. The professional service training by Bosch prepares workshops for these requirements. Bosch training provides extensive theory and practical knowledge.



Tailored For The Workshops

The ESI software is specifically designed for the requirements of the workshop and is Windows based. Simple operation, fast access and a uniform system for all brands, makes ESI a user-friendly information tool. Extensive market coverage and regular updates are the main attributes. The software packages are modular - a brake specialist can register for the precise "info-types" that are relevant for their job.

Vehicle application listing

How to use this catalogue

How to use this catalogue										
1	FIAT	03.78-01.84	4	1.6	03.78-06.79	BSY	DB29QS	DB29UL	9	Vehicle manufacturer
2					07.79-08.82	BSY	DB29QS	DB29UL		Vehicle model
3		01.81-01.84	4	1.6	01.81-08.82	BSY	DB29QS	DB29UL		Model series
4	132	05.72-05.81	4	1.6		BSY	DB29QS	DB29UL	DB22UL	Vehicle production date
5		03.77-05.81	4	2.0		BSY	DB29QS	DB29UL		No. of cylinders
6						BSY,ERH			DB22UL	Engine capacity
7	FORD									Product fitment date
8	Capri Convertible									Engine type
9	SA	10.89-09.90	4	1.6			DB406QS	DB407QS	10	QikStop Brake Pad for everyday driving
10	SA II	10.90-03.92	4	1.6			DB406QS	DB407QS		Ultra Brake Pad for demanding driving
11	SC	04.92-07.93	4	1.6			DB406QS	DB407QS		Ultra Brake Pad for demanding driving
12		07.92-07.93	4	1.6			DB406QS	DB407QS		
	SE	08.93-07.94	4	1.6			DB406QS	DB407QS		
	Corsair									
	UA	09.88-08.92	4	2.0			DB1165QS			
				2.4			DB1165QS			
	Cortina									
	TE	06.77-10.80	4	2.0			DB1024QS			
			6	3.3			DB1024QS			
				4.1			DB1024QS			
	Cougar									
		08.98-12.00	6	2.5		ATE,WW		DB2098UL		
						BSY,OVA	DB1313QS		DB1313UL	
					08.98-07.99	ATE	DB1299QS	DB1299UL		
					08.99-12.00	ATE	DB1299QS	DB1299UL		
	Courier									
		01.79-02.82	4	1.8			DB40QS			
		01.80-12.84	4	2.2			DB409QS			
		02.82->	4	1.8			DB292QS			
		09.82-08.85	4	2.0			DB292QS			
		01.85-11.89	4	2.0			DB409QS			
		09.85-08.88	4	2.0			DB409QS			
		09.86-08.90	4	2.6			DB409QS			
		12.86-11.89	4	2.6			DB409QS			
		09.88-08.93	4	2.2			DB409QS			
		11.89-02.95	4	2.0			DB409QS			
	PC	09.90-02.96	4	2.6			DB409QS			
		03.96-05.99	4	2.6			DB1326QS			
	PD	03.96-11.99	4	2.6			DB1322QS			
	Econovan									
		01.80-12.84	4	1.6			DB388QS			
		01.81-12.84	4	2.2			DB388QS			
		07.81-12.97	4	2.2			DB388QS			
		01.84-02.97	4	1.8			DB388QS			
		05.84-12.85	4	1.4			DB388QS			
		02.86-12.99	4	2.0			DB388QS			
	JG	02.97-09.99	4	2.0			DB388QS			
	JH	10.99-11.02	4	2.0			DB388QS			
		11.02-11.05	4	1.8			DB388QS			
				2.0			DB388QS			

This publication contains the data from the vehicles, engines and equipment for the Australian market from the year of manufacture from 1960 up to and including the year 2007. This data has been assembled from the information provided by manufacturers and importers and taken from Bosch documentation, as well as from investigations made on vehicles.

It reflects the status as at the date of July 2007. Whilst every care has been taken in the preparation of this publication, it is not possible for Bosch to guarantee its sources or to avoid discrepancies arising from technical changes to vehicles, engines and equipment due to the conditions and regulations applying in Australia / New Zealand

Bosch does not therefore warrant the accuracy or completeness of the information contained herein. Further Bosch reserves the right to alter specifications and its product range without notice.

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ALFA ROMEO

Alfa 33							
907	01.90 - 03.92	4	1.7	BSY,GIR			DB2080UL
	06.90 - 10.94	4	1.7	GIR			DB2080UL
	06.90 - 10.94	4	1.7	BSY,GIR			DB2080UL
Alfa 164							
164	04.88 - 09.92	6	3.0				DB222UL
				GIR,WAR			DB2076UL
	09.90 - 09.92	6	3.0				DB222UL
				GIR,WAR			DB2076UL
Alfetta							
	07.78 - 12.84	4	2.0	ATE	DB2QS		DB2UL
Giulietta							
	10.77 - 04.85	4	1.6	ATE	DB2QS		DB2UL
	04.79 - 04.85	4	1.8	ATE	DB2QS		DB2UL
GT Junior							
	08.66 - 12.77	4	1.3	ATE	DB2QS		DB2UL
	06.72 - 08.75	4	1.6	ATE	DB2QS		DB2UL
GTV							
	04.71 - 12.77	4	2.0	ATE	DB2QS		DB2UL
	07.78 - 01.86	4	2.0	ATE	DB2QS		DB2UL
Spider							
105	05.68 - 10.78	4	1.3	ATE	DB2QS		DB2UL
	04.71 - 12.89	4	2.0	ATE			DB11UL
	06.71 - 10.79	4	1.6	ATE	DB2QS		DB2UL
	01.72 - 12.80	4	2.0				DB11UL

AUDI

A3								
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				07.99 - 06.01	Chassis 8L..Y..000 001→ 228,252		DB2050UL	
					Chassis 8L..Y..000 001→ 288,312		DB2048UL	
				1.8	GIR	DB1192QS	DB1192UL	
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					Chassis →8L..X..999 000 228,252,ATE	DB1405QS	DB2022UL	
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				Chassis 8L..Y..000 001→ 288,312		DB2048UL		

							Everyday Driving		Demanding Driving
8L1	08.98 - 05.00	4	1.8	GIR			DB1192QS		DB1192UL
	08.98 - 06.99			Chassis →8L..X..150 000 288,312,ATE				DB2042UL	
				Chassis →8L..X..999 000 228,252,ATE		DB1405QS		DB2022UL	
	07.99 - 05.00			Chassis 8L..Y..000 001→ 228,252				DB2050UL	
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				288,312				DB2048UL	
8P1	05.03 - 05.05	4	1.6	ATE		DB1405QS		DB2022UL	
				PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				GIR					
				PR no. 1ZM				DB2050UL	
				228					
	05.03→	4	2.0	ATE		DB1405QS		DB2022UL	
				PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				255,GIR					
	01.04 - 08.04	4	2.0	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				255,GIR					
	06.04 - 12.04	4	2.0	ATE		DB1405QS		DB2022UL	
				PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				255,GIR					
8PA	09.04 - 01.05	4	2.0	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				255,GIR					
	09.04 - 05.05	4	1.6	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				GIR					
				PR no. 1ZM				DB2050UL	
				228					
8P1	09.04 - 10.05	4	2.0	ATE		DB1405QS		DB2022UL	
				PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				255,GIR					
8PA	06.05→	4	1.6	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				GIR					
				PR no. 1ZM				DB2050UL	
				228					
8P1	06.05→	4	1.6	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				GIR					
				PR no. 1ZM				DB2050UL	
				228					
8PA	11.05 - 11.06	4	2.0	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				255,GIR					
	11.06 - 05.07	4	1.8	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				GIR					
8P1	11.06 - 06.07	4	1.8	PR no. 1KQ, PR no. 1KD			DB1192QS		DB1192UL
				GIR					



									Everyday Driving		Demanding Driving
◀ AUDI											
A3 Quattro											
8L1	08.97 - 08.00	4	1.8								
	08.97 - 06.99			GIR					DB1192QS		DB1192UL
				Chassis →8L..X..150 000 288,312,ATE						DB2042UL	
				Chassis →8L..X..999 000 228,252,ATE			DB1405QS			DB2022UL	
	07.99 - 08.00			Chassis 8L..Y..000 001→ 228,252						DB2050UL	
				Chassis 8L..Y..000 001→ 288,312						DB2048UL	
	08.98 - 06.99	4	1.8	GIR					DB1192QS		DB1192UL
				252,ATE			DB1405QS			DB2022UL	
				288,312,ATE						DB2042UL	
A4											
8D2, B5	11.94 - 07.98	4	1.8	ATE						DB2044UL	
	11.94 - 02.97			Chassis →8D..V..168 350							DB222UL
	02.97 - 07.98			Chassis 8D..V..168 351→ GIR			DB1192QS				DB1192UL
		6	2.6	ATE						DB2044UL	
	11.94 - 02.97			Chassis →8D..V..168 350							DB222UL
	02.97 - 07.98			Chassis 8D..V..168 351→ GIR			DB1192QS				DB1192UL
	11.94 - 04.99	4	1.8	11.94 - 10.96 Chassis →8D..V..054 061 ATE						DB2012UL	
				11.94 - 02.97 Chassis →8D..V..168 350							DB222UL
				10.96 - 12.98 Chassis 8D..V..054 062→ 8D..X..199 999						DB2052UL	
				02.97 - 04.99 Chassis 8D..V..168 351→ GIR			DB1192QS				DB1192UL
	03.96 - 12.98	6	2.8	ATE						DB2044UL	
	03.96 - 02.97 Chassis →8D..V..168 350										DB222UL
	02.97 - 12.98 Chassis 8D..V..168 351→ GIR						DB1192QS				DB1192UL
	08.97 - 07.98	6	2.4	ATE						DB2044UL	
				GIR			DB1192QS				DB1192UL
	08.97 - 12.98	4	1.8	ATE						DB2044UL	
				GIR			DB1192QS				DB1192UL
	08.98 - 07.99	6	2.4	GIR			DB1192QS				DB1192UL
	08.98 - 06.00	6	2.8	GIR			DB1192QS				DB1192UL
	06.00 - 10.00	6	2.4	GIR			DB1192QS				DB1192UL
8E2, B6	12.00 - 12.04	4	2.0	GIR			DB1192QS				DB1192UL
		6	3.0	GIR			DB1192QS				DB1192UL
	04.01 - 12.04	6	3.0	GIR			DB1192QS				DB1192UL
	09.01 - 12.04	6	2.4	GIR			DB1192QS				DB1192UL
8H7, B6	04.02 - 12.05	4	1.8	GIR			DB1192QS				DB1192UL
		6	3.0	GIR			DB1192QS				DB1192UL
8E2, B6	07.02 - 12.04	4	1.8	GIR			DB1192QS				DB1192UL
	11.02 - 12.04	4	1.8	GIR			DB1192QS				DB1192UL
8EC, B7	11.04 - 05.05	4	2.0	PR no. KD, PR no. KP GIR			DB1192QS				DB1192UL
	11.04→	4	1.8	PR no. KD, PR no. KP GIR			DB1192QS				DB1192UL
			2.0	GIR			DB1192QS				DB1192UL
	06.05→	4	2.0	PR no. KD, PR no. KP GIR			DB1192QS				DB1192UL
A4 Avant											
8D5, B5	11.94 - 07.98	6	2.6	ATE						DB2044UL	
	11.94 - 02.97 Chassis →8D..V..168 350										DB222UL
	02.97 - 07.98 Chassis 8D..V..168 351→ GIR						DB1192QS				DB1192UL
	10.95 - 07.98	4	1.8	ATE						DB2044UL	
	10.95 - 02.97 Chassis →8D..V..168 350										DB222UL
	02.97 - 07.98 Chassis 8D..V..168 351→ GIR						DB1192QS				DB1192UL



						Everyday Driving		Demanding Driving	
8D5, B5	03.96 - 07.98	6	2.8	ATE					DB2044UL
				03.96 - 02.97	Chassis →8D..V..168 350				DB222UL
					02.97 - 07.98	Chassis 8D..V..168 351→	DB1192QS		DB1192UL
						GIR			
	08.97 - 07.98	6	2.4	ATE					DB2044UL
						GIR	DB1192QS		DB1192UL
	08.97 - 09.01	4	1.8	ATE					DB1192UL
					GIR	DB1192QS		DB1192UL	
				08.97 - 12.98	Chassis →8D..X..199 999			DB2044UL	
					288,ATE				
	08.98 - 06.00	6	2.4	GIR				DB1192QS	DB1192UL
	06.00 - 09.01	6	2.4	GIR				DB1192QS	DB1192UL
8E5, B6	09.01 - 12.04	4	2.0	GIR				DB1192QS	DB1192UL
	07.02 - 12.04	4	1.8	GIR				DB1192QS	DB1192UL
	11.02 - 12.04	4	1.8	GIR				DB1192QS	DB1192UL
8ED, B7	11.04→	4	1.8	PR no. KD, PR no. KP				DB1192QS	DB1192UL
					GIR				
			2.0	GIR				DB1192QS	DB1192UL
A4 Quattro									
8D2, B5	11.94 - 12.98	4	1.8	ATE					DB2044UL
					INO				DB222UL
	11.94 - 04.99	4	1.8	ATE					DB2044UL
				11.94 - 10.96	Chassis →8D..V..054 061				DB2044UL
					10.96 - 12.98	Chassis 8D..V..054 062→			DB2052UL
						8D..X..199 999			
					01.99 - 04.99	GIR,INB	DB1192QS		DB1192UL
	03.96 - 07.98	6	2.8	ATE					DB222UL
						INO			DB2044UL
	08.97 - 07.98	6	2.4	ATE					DB222UL
						INO			DB2044UL
	08.97 - 10.00	4	1.8	ATE					DB222UL
					08.97 - 12.98	Chassis →8D..X..199 999			DB2044UL
					288,ATE				
				01.99 - 10.00	GIR,INB	DB1192QS		DB1192UL	
	02.99 - 06.00	6	2.8	GIR,INB				DB1192QS	DB1192UL
					INO			DB222UL	
	02.99 - 10.00	6	2.4	GIR,INB				DB1192QS	DB1192UL
					INO			DB222UL	
8E2, B6	12.00 - 12.04	6	3.0	GIR				DB1192QS	DB1192UL
	03.01 - 12.04	6	3.0	GIR				DB1192QS	DB1192UL
	07.02 - 12.04	4	1.8	GIR				DB1192QS	DB1192UL
8EC, B7	11.04→	4	1.8	PR no. KD, PR no. KP				DB1192QS	DB1192UL
					GIR				
A4 Quattro Avant									
8D5, B5	11.94 - 07.98	6	2.6	ATE					DB222UL
					INO				DB2044UL
	11.94 - 04.99	4	1.8	ATE					DB222UL
				11.94 - 10.96	Chassis →8D..V..054 061				DB2044UL
					10.96 - 12.98	Chassis 8D..V..054 062→			DB2052UL
						8D..X..199 999			
					01.99 - 04.99	GIR,INB	DB1192QS		DB1192UL
	03.96 - 07.98	6	2.8	ATE					DB222UL
						INO			DB2044UL
	08.97 - 09.01	4	1.8	ATE					DB222UL
					08.97 - 12.98	Chassis →8D..X..199 999			DB2044UL
						288,ATE			
					01.99 - 09.01	GIR,INB	DB1192QS		DB1192UL
	08.98 - 09.01	6	2.4	INO				DB222UL	
				01.99 - 09.01	GIR,INB	DB1192QS		DB1192UL	
8E5, B6	09.01 - 06.02	4	1.8	GIR				DB1192QS	DB1192UL
A6									
4A2, C4	06.94 - 10.97	6	2.6	ATE					DB222UL
					ATE				DB2012UL
					ATE				DB222UL
			2.8	ATE				DB2012UL	

					Everyday Driving		Demanding Driving		
					QikStep		Ultra		
◀ AUDI									
4B2, C5	04.97 - 07.98	6	2.8	GIR		DB1192QS		DB1192UL	
	04.97 - 01.99	6	2.4	GIR		DB1192QS		DB1192UL	
	11.98 - 04.01	6	2.4	GIR		DB1192QS		DB1192UL	
			2.8	GIR		DB1192QS		DB1192UL	
	06.01 - 05.04	6	2.4	GIR		DB1192QS		DB1192UL	
		3.0	GIR		DB1192QS		DB1192UL		
A6 Avant									
4A5, C4	06.94 - 06.96	6	2.6					DB222UL	
				ATE			DB2012UL		
4B5, C5	04.97 - 01.99	6	2.4	GIR		DB1192QS		DB1192UL	
	02.98 - 07.98	6	2.8	GIR		DB1192QS		DB1192UL	
	11.98 - 06.00	6	2.4	GIR		DB1192QS		DB1192UL	
4BH, C5	05.00 - 05.03	6	2.5	GIR		DB1192QS		DB1192UL	
A6 Quattro									
4A2, C4	06.94 - 10.97	6	2.6					DB222UL	
			2.8				DB2012UL	DB222UL	
				ATE			DB2012UL		
4B2, C5	04.97 - 12.98	6	2.8	GIR		DB1192QS		DB1192UL	
	11.98 - 06.99	6	2.4	GIR		DB1192QS		DB1192UL	
	01.99 - 05.01	6	2.8	GIR		DB1192QS		DB1192UL	
4B4, C5	04.99 - 05.01	8	4.2	GIR		DB1192QS		DB1192UL	
	06.00 - 05.04	8	4.2	GIR		DB1192QS		DB1192UL	
4B2, C5	06.01 - 06.02	6	2.7	GIR		DB1192QS		DB1192UL	
	06.01 - 05.04	6	3.0	GIR		DB1192QS		DB1192UL	
	07.02 - 05.04	6	2.7	GIR		DB1192QS		DB1192UL	
A6 Quattro Avant									
4B5, C5	11.98 - 06.99	6	2.4	GIR		DB1192QS		DB1192UL	
4BH, C5	05.00 - 06.02	6	2.7	GIR		DB1192QS		DB1192UL	
	07.02 - 08.05	6	2.7	GIR		DB1192QS		DB1192UL	
		8	4.2	GIR		DB1192QS		DB1192UL	
	06.03 - 08.05	6	2.5	GIR		DB1192QS		DB1192UL	
A8									
4D2, D2	06.94 - 03.96	6	2.8					DB222UL	
				GIR			DB1443UL		
	07.95 - 12.98	8	3.7	07.95 - 10.98	Chassis →4D..X..004 999			DB222UL	
				10.98 - 12.98	Chassis 4D..X..005 001→	DB1192QS		DB1192UL	
					GIR				
				11.98 - 12.98	Chassis 4D..X..005 001→		DB1443UL		
					GIR				
	05.97 - 12.98	8	3.7	05.97 - 10.98	Chassis →4D..X..004 999			DB222UL	
			10.98 - 12.98	Chassis 4D..X..005 001→	DB1192QS		DB1192UL		
				GIR					
			11.98 - 12.98	Chassis 4D..X..005 001→		DB1443UL			
				GIR					
A8 Quattro									
4D2, D2	06.94 - 12.98	8	4.2	06.94 - 10.98	Chassis →4D..X..004 999			DB222UL	
				10.98 - 12.98	Chassis 4D..X..005 001→	DB1192QS		DB1192UL	
					11Q,228,GIR		DB1443UL		
				Chassis 4D..X..005 001→		DB1443UL			
				323,GIR					
	10.98 - 02.01	8	4.2		11Q,228,GIR	DB1192QS		DB1192UL	
					323,GIR		DB1443UL		
Cabriolet									
8G7, B4	01.93 - 09.98	4	2.0					DB222UL	
				GIR		DB1325QS	DB1310UL	DB1325UL	
	01.94 - 08.00	6	2.6					DB222UL	
				GIR		DB1325QS	DB1310UL	DB1325UL	

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S3										
8L1	08.98 - 08.00	4	1.8		PR no. 1KF GIR 312			DB1192QS		DB1192UL
	08.01 - 06.03	4	1.8		PR no. 1KF GIR 312			DB1192QS	DB2048UL	DB1192UL
									DB2048UL	
S4										
4A2, C4	07.92 - 07.94	5	2.2							DB222UL
8D2, B5	10.97 - 10.00	6	2.7		PR no. 1KF GIR			DB1192QS		DB1192UL
8D5, B5	10.97 - 09.01	6	2.7		PR no. 1KF GIR			DB1192QS		DB1192UL
S6										
4B4, C5	09.99 - 05.01	8	4.2		GIR			DB1192QS		DB1192UL
	06.01 - 05.04	8	4.2		GIR			DB1192QS		DB1192UL
S8										
4D2	09.96 - 12.98	8	4.2	09.96 - 10.98 10.98 - 12.98	Chassis →4D..X..004 999 Chassis 4D..X..005 001→ 1L0,228,GIR Chassis 4D..X..005 001→ 323,GIR			DB1192QS		DB222UL DB1192UL
	09.00 - 09.02	8	4.2		1L0,228,GIR 323,GIR			DB1192QS	DB1443UL	DB1192UL
									DB1443UL	
TT										
8N3	07.98 - 08.00	4	1.8		ATE,OVA GIR PR no. 1LT, PR no. 9U1 BVA			DB1192QS	DB2042UL	DB1192UL
	07.98 - 08.01	4	1.8		ATE,OVA GIR PR no. 1LT, PR no. 9U1 BVA			DB1192QS	DB2042UL	DB1192UL
	09.00 - 05.05	4	1.8		ATE,OVA PR no. 1KF, PR no. 2EH GIR PR no. 1LT, PR no. 9U1, PR no. 1LD BVA			DB1192QS	DB2042UL	DB1192UL
	09.00 - 06.06	4	1.8		ATE,OVA PR no. 1KF, PR no. 2EH GIR PR no. 1LT, PR no. 9U1, PR no. 1LD BVA			DB1192QS	DB2042UL	DB1192UL
	01.01 - 06.06	4	1.8		ATE,OVA PR no. 1LT, PR no. 9U1, PR no. 1LD BVA				DB2042UL DB2048UL	
TT Quattro										
8N3	07.03 - 06.06	6	3.2		PR no. 1KF, PR no. 2EH GIR			DB1192QS		DB1192UL
TT Quattro Roadster										
8N9	03.99 - 08.01	4	1.8		ATE,OVA GIR PR no. 1LT, PR no. 9U1 BVA			DB1192QS	DB2042UL	DB1192UL
									DB2048UL	



								Everyday Driving		Demanding Driving
◀ AUDI										
8N9	09.00 - 05.05	4	1.8			ATE,OVA PR no. 1KF, PR no. 2EH GIR		DB1192QS	DB2042UL	DB1192UL
						PR no. 1LT, PR no. 9U1, PR no. 1LD BVA			DB2048UL	
	09.00 - 06.06	4	1.8			ATE,OVA PR no. 1KF, PR no. 2EH GIR		DB1192QS	DB2042UL	DB1192UL
						PR no. 1LT, PR no. 9U1, PR no. 1LD BVA			DB2048UL	
	07.03 - 06.06	6	3.2			PR no. 1KF, PR no. 2EH GIR		DB1192QS		DB1192UL
TT Roadster										
8N9	08.00 - 06.06	4	1.8			ATE,OVA PR no. 1LT, PR no. 9U1, PR no. 1LD BVA			DB2042UL DB2048UL	
V8 Quattro										
44, 4C, D11	09.90 - 12.92	8	3.6			B27,GIR			DB1253UL	DB222UL
80										
80, 82, B1	05.72 - 07.78	4	1.3			ATE			DB128UL	
81, 85, B2	08.78 - 07.81	4	1.6	08.78 - 07.79		Chassis →819..2300 000 ATE			DB128UL	
89, 8A2, B3	09.86 - 12.91	4	1.8			GIR			DB2060UL	
	09.87 - 07.88	4	1.9			GIR			DB2060UL	DB222UL
	08.88 - 10.90	4	2.0			GIR			DB2060UL	DB222UL
8C2, B4	09.91 - 11.94	5	2.3			GIR	DB1325QS		DB1325UL	DB222UL
				09.91 - 07.92		Chassis →8C..N..300 000 GIR			DB2060UL	
				08.92 - 11.94		Chassis 8C..P..000 001→ GIR			DB1310UL	
	09.91 - 05.95	4	2.0			GIR	DB1325QS		DB1325UL	DB222UL
				09.91 - 07.92		Chassis →8C..N..300 000 GIR			DB2060UL	
				08.92 - 05.95		Chassis 8C..P..000 001→ GIR			DB1310UL	
		6	2.8			GIR			DB1253UL	DB222UL
	07.92 - 05.95	6	2.6			GIR	DB1325QS		DB1310UL DB1325UL	DB222UL
80 Quattro										
89, 8A2, B3	09.86 - 07.88	4	1.9			09.86 - 03.87 Chassis →81/85..H..299 000 GIR			DB411UL	DB222UL
				04.87 - 07.88		Chassis 89..H..300 001→ GIR			DB2060UL	
8C2, B4	09.91 - 11.94	5	2.3			B27,GIR GIR	DB1325QS		DB1253UL DB1325UL	DB222UL
				09.91 - 07.92		Chassis →8C..N..300 000 228,252,GIR			DB2060UL	
				08.92 - 11.94		Chassis 8C..P..000 001→ 228,252,GIR			DB1310UL	



								Everyday Driving		Demanding Driving
8C2, B4	09.91 - 12.94	4	2.0							DB222UL
					B27,GIR					DB1253UL
					GIR	DB1325QS				DB1325UL
					228,252,GIR					DB1310UL
	09.91 - 05.95	6	2.8							DB222UL
					GIR					DB1253UL
	07.92 - 05.95	6	2.6							DB222UL
					B27,GIR					DB1253UL
					GIR	DB1325QS				DB1325UL
					228,GIR					DB1310UL
	02.93 - 05.95	5	2.2							DB222UL
					GIR					DB1253UL
90										
89, 8A2, B3	04.87 - 12.91	5	2.3							DB222UL
					GIR					DB2060UL
	08.88 - 12.91	5	2.3							DB222UL
					GIR					DB1253UL
90 Quattro										
89, 8A2, B3	04.87 - 09.91	5	2.3							DB222UL
					GIR					DB2060UL
	07.88 - 09.91	5	2.3							DB222UL
					GIR					DB1253UL
100										
43, 80, C1	09.71 - 07.76	4	1.9		ATE	DB2QS				DB2UL
44, 44Q, C3	08.82 - 07.84	5	1.9		GIR					DB2060UL
			2.2							DB222UL
					GIR					DB2060UL
	08.82 - 10.86	4	1.8		GIR					DB2060UL
	08.84 - 12.88	5	2.2							DB222UL
					B27,GIR					DB1253UL
					228,252,GIR					DB2060UL
	09.84 - 12.90	5	2.2							DB222UL
					B27,GIR					DB1253UL
					228,252,GIR					DB2060UL
	08.86 - 11.90	5	2.3							DB222UL
					GIR					DB2060UL
	10.86 - 12.90	5	2.3							DB222UL
					GIR					DB1253UL
4A2, C4	12.90 - 07.94	6	2.8							DB222UL
					ATE					DB2012UL
	04.92 - 07.94	6	2.6							DB222UL
					ATE					DB2012UL
100 Quattro										
44, 44Q, C3	08.84 - 11.90	5	2.2							DB222UL
				08.84 - 12.85	Chassis →44..G..073 362					DB2060UL
				GIR						
				01.86 - 11.90	Chassis 44..G..073 363→					DB1253UL
				GIR						
4A2, C4	03.92 - 07.94	6	2.6							DB222UL
					ATE					DB2012UL
200										
43, C2	08.81 - 09.82	5	2.1							DB222UL
					GIR					DB2060UL
44, C3	08.83 - 09.86	5	2.2							DB222UL
				08.83 - 12.85	Chassis →44..G..073 362					DB2060UL
				GIR						
				01.86 - 09.86	Chassis 44..G..073 363→					DB1253UL
				GIR						



				Cyl.		/l/100km		?		Everyday Driving QikStep		Demanding Driving Ultra		
◀ AUDI														
44, C3	08.85 - 12.91	5	2.2	08.85 - 12.85	Chassis →44..G..073 362 GIR								DB2060UL	DB222UL
				01.86 - 12.91	Chassis 44..G..073 363→ GIR								DB1253UL	
200 Quattro														
44, C3	01.85 - 12.90	5	2.2		GIR								DB2060UL	DB222UL
BMW														
M3														
E 36	09.92 - 09.95	6	3.0									DB1132QS		
	10.95 - 12.98	6	3.2									DB1132QS		
E 46	09.00 - 09.06	6	3.2									DB1397QS		
M3 Cabriolet														
E 46	04.01 - 03.07	6	3.2									DB1397QS		
M3 CSL														
E 46	03.03 - 12.03	6	3.2									DB1397QS		
M5														
E 34	10.88 - 12.93	6	3.5									DB1132QS		
E 39	10.98 - 07.03	8	5.0					DB1409QS				DB1397QS		
X3														
E 83	01.04 - 09.06	6	3.0									DB1397QS		
	03.04 - 09.06	6	2.5									DB1397QS		
	09.05→	6	3.0									DB1397QS		
X5														
E 53	03.99 - 09.03	8	4.4					DB1409QS				DB1397QS		
	10.99 - 10.06	6	3.0					DB1409QS				DB1397QS		
	03.01 - 09.03	6	3.0					DB1409QS				DB1397QS		
	02.02 - 09.03	8	4.6									DB1397QS		
	10.03 - 10.06	6	3.0					DB1409QS				DB1397QS		
		8	4.4					DB1409QS				DB1397QS		
	03.04 - 10.06	8	4.8									DB1397QS		
Z3														
E 36/7	09.95 - 12.99	4	1.9							DB1414QS		DB1414UL		
													DB1245UL	
	11.96 - 09.00	6	2.8							DB1414QS		DB1414UL		
													DB1245UL	
	04.99 - 12.00	6	2.0							DB1414QS		DB1414UL		
													DB1245UL	
	05.00 - 12.02	6	3.0							DB1414QS		DB1414UL		
													DB1245UL	
	09.00 - 12.02	6	2.2							DB1414QS		DB1414UL		
													DB1245UL	
Z4														
E 85	10.02 - 01.06	6	2.5							DB1414QS		DB1414UL		
			3.0							DB1414QS		DB1414UL		
3.0CS														
E 9	05.71 - 03.76	6	3.0										DB161UL	
3.0CSi														
E 9	07.71 - 03.76	6	3.0										DB161UL	



								Everyday Driving		Demanding Driving
3.0S										
E 3	05.71 - 04.77	6	3.0		ATE				DB161UL	
3.0Si										
E 3	02.72 - 11.75	6	3.0		ATE				DB161UL	
	10.75 - 04.77	6	3.0		ATE				DB161UL	
3.3L										
E 3	01.74 - 09.75	6	3.3		ATE				DB161UL	
316i										
E 46	02.02 - 03.04	4	1.8			DB1414QS			DB1414UL	
316i Compact										
E 36	03.94 - 09.00	4	1.6			DB1224QS			DB1414UL	
					ATE		DB1245QS			DB1245UL
	11.95 - 09.00	4	1.6			DB1224QS			DB1414UL	
					ATE		DB1245QS			DB1245UL
	12.98 - 09.00	4	1.9			DB1224QS			DB1414UL	
					ATE		DB1245QS			DB1245UL
316ti Compact										
E 36	10.94 - 09.96	4	1.8			DB1224QS			DB1414UL	
	12.95 - 09.00	4	1.9			DB1224QS			DB1414UL	
					ATE		DB1245QS			DB1245UL
E 46	06.01 - 03.04	4	1.8			DB1414QS			DB1414UL	
	04.04 - 12.04	4	1.6			DB1414QS			DB1414UL	
			1.8			DB1414QS			DB1414UL	
318i										
E 21	03.80 - 05.83	4	1.8		ATE				DB192UL	
E 30	09.87 - 12.91	4	1.8		ATE		DB296QS			DB296UL
					GIR	DB1130QS			DB1130UL	
E 36	12.90 - 02.94	4	1.8			DB1224QS			DB1414UL	
	03.92 - 10.96	4	1.8			DB1224QS			DB1414UL	
	09.93 - 12.98	4	1.8			DB1224QS			DB1414UL	
E 46	11.98 - 09.01	4	1.9			DB1414QS			DB1414UL	
	09.01 - 03.04	4	2.0			DB1414QS			DB1414UL	
	04.04 - 03.05	4	2.0			DB1414QS			DB1414UL	
318i Cabriolet										
E 30	09.90 - 12.93	4	1.8		ATE		DB296QS			DB296UL
					GIR	DB1130QS			DB1130UL	
318iS										
E 30	09.89 - 12.91	4	1.8		ATE		DB296QS			DB296UL
					GIR	DB1130QS			DB1130UL	
E 36	03.92 - 09.96	4	1.8			DB1224QS			DB1414UL	
	03.93 - 12.96	4	1.8			DB1224QS			DB1414UL	
	03.95 - 12.98	4	1.9			DB1224QS			DB1414UL	
	12.95 - 12.99	4	1.9			DB1224QS			DB1414UL	
	07.96 - 10.98	4	1.8			DB1224QS			DB1414UL	
318ti Compact										
E 46	04.04 - 12.04	4	2.0			DB1414QS			DB1414UL	
320Ci										
E 46	09.00 - 09.06	6	2.2			DB1414QS			DB1414UL	
320i										
E 21	06.75 - 12.78	4	2.0		ATE				DB192UL	
E 30	09.82 - 09.87	6	2.0		ATE		DB296QS			DB296UL
					GIR	DB1130QS			DB1130UL	
	12.85 - 12.91	6	2.0		ATE		DB296QS			DB296UL
					GIR	DB1130QS			DB1130UL	



								Everyday Driving		Demanding Driving
◀ BMW										
E 36	09.90 - 12.95	6	2.0				DB1224QS		DB1414UL	
	10.91 - 10.96	6	2.0				DB1224QS		DB1414UL	
E 46	09.00 - 03.05	6	2.2				DB1414QS		DB1414UL	
320i Touring										
E 46	09.00 - 09.05	6	2.2				DB1414QS		DB1414UL	
323Ci										
E 46	04.98 - 09.00	6	2.5				DB1414QS		DB1414UL	
323Ci Cabriolet										
E 46	03.00 - 09.00	6	2.5				DB1414QS		DB1414UL	
323e										
E 30	01.85 - 12.87	6	2.7		ATE GIR		DB1130QS	DB296QS	DB1130UL	DB296UL
323i										
E 21	01.78 - 09.82	6	2.3		ATE				DB192UL	
E 30	09.82 - 12.86	6	2.3		ATE GIR		DB1130QS	DB296QS	DB1130UL	DB296UL
E 36	10.94 - 12.98	6	2.5				DB1224QS		DB1414UL	
	03.95 - 12.99	6	2.5				DB1224QS		DB1414UL	
	10.96 - 10.98	6	2.5				DB1224QS		DB1414UL	
E 46	04.98 - 09.00	6	2.5				DB1414QS		DB1414UL	
323i Cabriolet										
E 36	05.95 - 12.99	6	2.5				DB1224QS		DB1414UL	
323ti										
E 36	06.97 - 09.00	6	2.5		ATE		DB1224QS	DB1245QS	DB1414UL	DB1245UL
325Ci										
E 46	09.00 - 09.06	6	2.5				DB1414QS		DB1414UL	
325Ci Cabriolet										
E 46	09.00 - 03.07	6	2.5				DB1414QS		DB1414UL	
325i										
E 30	12.86 - 12.91	6	2.5		ATE GIR		DB1130QS	DB296QS	DB1130UL	DB296UL
E 36	09.90 - 12.95	6	2.5				DB1224QS		DB1414UL	
	04.91 - 08.95	6	2.5		INB		DB1224QS		DB1414UL	
	03.92 - 12.95	6	2.5				DB1224QS		DB1414UL	
	04.92 - 08.93	6	2.5		INB		DB1224QS		DB1414UL	
E 46	09.00 - 03.05	6	2.5					DB1397QS		
					1QR		DB1414QS		DB1414UL	
325i Cabriolet										
E 36	03.93 - 12.95	6	2.5				DB1224QS		DB1414UL	
325ti Compact										
E 46	06.01 - 12.04	6	2.5				DB1414QS		DB1414UL	
328Ci										
E 46	04.98 - 09.00	6	2.8				DB1414QS		DB1414UL	
328i										
E 36	10.94 - 12.98	6	2.8				DB1224QS		DB1414UL	
	03.95 - 12.99	6	2.8				DB1224QS		DB1414UL	
E 46	11.98 - 09.00	6	2.8				DB1414QS		DB1414UL	

B 12

									Everyday Driving		Demanding Driving
328i Cabriolet											
E 36	03.95 - 12.99	6	2.8					DB1224QS		DB1414UL	
330Ci											
E 46	05.00 - 09.06	6	3.0						DB1397QS		
330Ci Cabriolet											
E 46	05.00 - 03.07	6	3.0						DB1397QS		
330i											
E 46	05.00 - 03.05	6	3.0						DB1397QS		
520i											
E 12	09.72 - 10.75	4	2.0				ATE			DB161UL	
	10.75 - 12.79	4	2.0			10.75 - 08.76	ATE			DB161UL	
						09.76 - 12.79	ATE			DB163UL	
E 28	04.80 - 12.88	6	2.0				ATE			DB256UL	
E 34	09.89 - 12.95	6	2.0					DB1131QS	DB1132QS		
523i											
E 39	09.95 - 09.00	6	2.5					DB1364QS	DB1334QS		
						09.95 - 11.96	ATE			DB1364UL	
						12.96 - 09.00				DB1364UL	
525											
E 12	08.73 - 07.81	6	2.5			08.73 - 08.76	ATE			DB161UL	
						09.76 - 07.81	ATE			DB163UL	
525e											
E 28	12.84 - 12.87	6	2.7				ATE		DB296QS	DB256UL	DB296UL
525i											
E 34	01.88 - 12.90	6	2.5					DB1131QS	DB1132QS		
	09.89 - 12.95	6	2.5					DB1131QS	DB1132QS		
E 39	09.00 - 07.03	6	2.5					DB1364QS	DB1334QS		
								DB1409QS	DB1334QS		
							NBH			DB1364UL	
528											
E 12	01.75 - 12.77	6	2.8			01.75 - 08.76	ATE			DB161UL	
						09.76 - 12.77	ATE			DB163UL	
528i											
E 12	04.77 - 07.81	6	2.8				ATE			DB163UL	
E 28	06.81 - 12.87	6	2.8				ATE		DB296QS	DB256UL	DB296UL
E 39	09.95 - 09.00	6	2.8					DB1364QS	DB1334QS	DB1364UL	
528i Touring											
E 39	01.97 - 09.00	6	2.8					DB1364QS	DB1334QS	DB1364UL	
530i											
E 34	09.92 - 09.95	8	3.0					DB1131QS	DB1132QS		
E 39	09.00 - 07.03	6	3.0					DB1409QS	DB1334QS		
530i Touring											
E 39	09.00 - 05.04	6	3.0					DB1409QS	DB1334QS		
535i											
E 28	01.85 - 12.87	6	3.4				ATE		DB296QS	DB256UL	DB296UL
E 39	01.96 - 07.03	8	3.5					DB1409QS	DB1334QS		
						01.96 - 09.97	ATE	DB1364QS		DB1364UL	



									Everyday Driving		Demanding Driving
◀ BMW											
540i											
E 34	09.92 - 09.95	8	4.0					DB1131QS	DB1132QS		
E 39	01.96 - 07.03	8	4.4					DB1409QS	DB1334QS		
633CSi											
E 24	04.76 - 09.79	6	3.2	04.76 - 08.76	ATE					DB161UL	
				09.76 - 09.79	ATE					DB163UL	
	09.79 - 12.81	6	3.2		ATE					DB163UL	
635CSi											
E 24	01.85 - 04.89	6	3.4		ATE				DB296QS	DB256UL	DB296UL
730i, 730iL											
E 32	09.86 - 06.94	6	3.0					DB1131QS	DB1132QS		
	09.91 - 10.94	8	3.0					DB1131QS	DB1132QS		
E 38	06.94 - 12.96	8	3.0						DB1397QS		
735i											
E 23	01.85 - 08.86	6	3.4		ATE					DB163UL	
					ATE,FSB				DB296QS		DB296UL
735i, 735iL											
E 32	09.86 - 12.92	6	3.4					DB1131QS	DB1132QS		
E 38	09.94 - 12.01	8	3.5					DB1409QS	DB1397QS		
740i, 740iL											
E 32	09.91 - 10.94	8	4.0					DB1131QS	DB1132QS		
E 38	06.94 - 06.96	8	4.0					DB1409QS	DB1397QS		
	01.96 - 12.01	8	4.4					DB1409QS	DB1397QS		
750i, 750iL											
E 32	09.87 - 10.94	12	5.0					DB1131QS	DB1132QS		
E 38	06.94 - 12.01	12	5.4						DB1397QS		
1602											
E 10	05.71 - 07.75	4	1.6		Chassis →1870 199			DB2QS		DB2UL	
					ATE						
2002											
E 10	02.68 - 07.75	4	2.0		Chassis →1 624 530			DB2QS		DB2UL	
					ATE						
2002Tii											
E 10	05.71 - 07.75	4	2.0							DB11UL	
2500											
E 3	05.71 - 04.77	6	2.5		ATE					DB161UL	
2800											
E 3	10.68 - 07.75	6	2.8		ATE					DB161UL	
CHRYSLER											
Crossfire											
ZH	03.04→	6	3.2		ATE				DB1241QS		DB1241UL
Neon											
PL	06.94 - 09.99	4	2.0	06.94 - 12.97	KEL					DB2102UL	
	09.97 - 09.00	4	1.8	09.97 - 12.97	KEL					DB2102UL	
Voyager											
GS	01.95 - 12.99	6	3.3	01.97 - 12.99	KEL,STB,TW					DB2102UL	



CITROEN

AX										
	06.88 - 05.90	4	1.4	ATE						DB2116UL
BX										
X56	07.84 - 06.88	4	1.6	BSY,WAR						DB415UL
	10.84 - 06.86	4	1.9	BSY,WAR						DB415UL
	03.86 - 12.94	4	1.9	BSY,WAR						DB415UL
	03.88 - 03.93	4	1.9	BSY,WAR						DB415UL
CX										
	09.74 - 07.76	4	2.2	CIT,WAR						DB126UL
	06.77 - 06.82	4	2.4	CIT,WAR						DB126UL
	06.79 - 06.82	4	2.0	CIT,WAR						DB126UL
	07.80 - 12.81	4	2.4	CIT,WAR						DB126UL
	07.83 - 12.92	4	2.5	CIT,WAR						DB126UL
C2										
A6	09.03→	4	1.6	GIR					DB1192QS	DB1192UL
	10.04→	4	1.6	GIR					DB1192QS	DB1192UL
C3										
A8	01.02 - 08.05	4	1.6	GIR					DB1192QS	DB1192UL
A31	09.05→	4	1.6	GIR					DB1192QS	DB1192UL
C4										
B5	11.04→	4	1.6	GIR,LFS					DB1192QS	DB1192UL
			2.0	GIR,LFS					DB1192QS	DB1192UL
Xantia										
X1	03.93 - 01.98	4	2.0	BSY						DB2118UL
	12.94 - 01.98	4	2.0	BSY						DB2090UL
X2	12.97 - 12.01	4	1.9	BSY,GS						DB2118UL
			2.0	BSY						DB2090UL
				BSY,OFS						DB2090UL
Xantia Break										
X1	09.95 - 01.98	4	2.0	BSY						DB2090UL
XM										
Y3	05.89 - 06.93	6	3.0	05.89 - 03.91	Org. →5228					DB2108UL
				03.91 - 06.93	BSY					DB2110UL
					Org. 5229→					
06.93 - 06.94	6	3.0	Org. 5229→						DB2110UL	
Y4	07.94 - 12.97	6	3.0	BSY						DB2110UL
				BSY						
Xsara										
N6	07.97 - 08.00	4	1.8	BSY						DB1301UL
			2.0	BSY						DB1301UL
N7	09.00→	4	1.6	BSY						DB1301UL
			2.0	BSY						DB1301UL

DAEWOO

Cielo										
	08.94 - 08.97	4	1.5						DB1164QS	
Espero										
KLEJ	09.93 - 10.94	4	2.0						DB1228QS	
	01.95 - 10.99	4	2.0	ATE					DB1228QS	



								Everyday Driving		Demanding Driving
◀ DAEWOO										
Korando										
KJ	07.96 - 12.00	4	2.3		GIR			DB1086QS		
		6	3.2		GIR			DB1086QS		
Lacetti										
KLAN	03.04 - 01.05	4	1.8				DB1370QS			
Lanos										
KLAT	11.96 - 09.03	4	1.5				DB1347QS			
					Chassis →447433 ATE	DB1275QS		DB1275UL		
	04.97 - 09.03	4	1.6		Chassis 447434→ AKE	DB1368QS				
					Chassis →447433 ATE	DB1228QS				
			Chassis 447434→ AKE	DB1347QS						
Leganza										
KLAV, V100	03.97 - 12.02	4	2.0		AKE		DB1347QS			
					GIR			DB1204QS		
	09.98 - 12.02	4	2.2		AKE		DB1347QS			
					GIR			DB1204QS		
Matiz										
KLYA	04.98 - 01.05	3	0.8		AKE		DB1368QS			
Musso										
MJ	07.93 - 12.00	5	2.9		GIR			DB1086QS		
	01.96 - 12.00	6	3.2		GIR			DB1086QS		
	05.96 - 12.00	4	2.3		GIR			DB1086QS		
	05.97 - 12.00	5	2.9		GIR			DB1086QS		
Nubira										
KALJ, J100	09.97 - 09.99	4	1.6		AKE		DB1347QS			
					GIR		DB1204QS			
			2.0		AKE		DB1347QS			
				GIR		DB1204QS				
KALJ, 150, 190	10.99 - 06.03	4	2.0		AKE		DB1347QS			
						GIR		DB1204QS		
DAIHATSU										
Applause										
	06.89 - 07.97	4	1.6		AKE		DB1125QS			
					AKE,SBR			DB1180QS		
Charade										
G11	10.83 - 03.87	3	1.0				DB1125QS			
G102	06.88 - 10.90	4	1.3		AKE		DB1125QS			
	11.90 - 12.92	4	1.3		AKE		DB1125QS			
G200	01.93 - 09.00	4	1.3		AKE		DB1271QS	DB1159QS		
G202	05.93 - 12.95	3	1.0				DB1271QS	DB1159QS		
G203	06.94 - 09.00	4	1.5		AKE		DB1271QS	DB1159QS		
	08.94 - 06.00	4	1.5		AKE		DB1271QS	DB1159QS		
G2	01.97 - 04.00	4	1.5		AKE		DB1271QS	DB1159QS		
Feroza										
F300	10.88 - 10.99	4	1.6	09.90 - 10.99	AKE		DB292QS			
F310	05.92 - 10.99	4	1.6		AKE		DB292QS			
Pyzar										
	08.98 - 12.00	4	1.6				DB1271QS			





Rocky						
	04.84 - 12.85	4	2.0			DB292QS
F7	04.84 - 04.93	4	2.8		AKE	DB292QS
	04.84 - 07.93	4	2.8	04.84 - 04.93	AKE	DB292QS
	01.86 - 12.89	4	2.0			DB292QS
Taft						
F5	08.78 - 03.84	4	2.5	10.81 - 03.84	AKE	DB292QS
F6	10.82 - 03.84	4	2.8		AKE	DB292QS
Terios						
J100	03.97 - 05.00	4	1.3		SUM	DB1277QS
J102	05.00 - 12.05	4	1.3	05.00 - 08.02	SUM	DB1277QS
DAIMLER LTD.						
Sovereign						
	03.79 - 12.89	6	4.2			DB585QS DB521QS DB585UL
					GIR	
FIAT						
Argenta						
81	06.81 - 12.82	4	2.0		BSY	DB22UL
	06.81 - 05.83	4	1.6		GIR	DB370UL
83	06.83 - 11.85	4	2.0		GIR	DB370UL
						DB370UL
Croma						
154..	03.88 - 12.89	4	2.0		Ricam.no → 2025078 FMS,GIR	DB2106UL
				09.88 - 12.89	ABS	DB222UL
Regata						
138..	01.84 - 12.87	4	1.6		GIR,KOB	DB370UL
	12.84 - 05.86	4	1.6		GIR,KOB	DB370UL
	05.85 - 12.87	4	1.5		GIR,KOB	DB370UL
124						
	11.69 - 08.73	4	1.6			DB29QS DB22UL
					BSY	DB29UL
	09.72 - 12.78	4	1.8			DB22UL
	06.79 - 04.85	4	2.0		BSY	DB22UL
					Ricam.no VETT.5506003→ BSY,GIR,INO	DB370UL
125						
	03.67 - 12.72	4	1.6		Ricam.no VET.047051→ BSY	DB29QS DB29UL
	11.68 - 12.72	4	1.6		BSY	DB29UL
127						
111	06.71 - 05.83	4	0.9		BSY	DB29QS DB29UL
	12.81 - 05.83	4	1.3		BSY	DB29UL
128						
	03.69 - 12.84	4	1.3		BSY	DB29QS DB29UL
	09.69 - 12.84	4	1.1		BSY	DB29UL
131						
	10.74 - 12.80	4	1.6	10.74 - 06.79	BSY	DB29QS DB29UL
				07.79 - 12.80	BSY	DB29UL

								Everyday Driving		Demanding Driving			
								QikStep		Ultra			
FIAT													
	03.78 - 01.84	4	1.6	03.78 - 06.79	BSY			DB29QS		DB29UL			
				07.79 - 08.82	BSY			DB29QS		DB29UL			
	01.81 - 01.84	4	1.6	01.81 - 08.82	BSY			DB29QS		DB29UL			
132													
	05.72 - 05.81	4	1.6		BSY			DB29QS		DB29UL		DB22UL	
	03.77 - 05.81	4	2.0		BSY			DB29QS		DB29UL			DB22UL
					BSY,ERH								DB22UL
FORD													
Capri Convertible													
SA	10.89 - 09.90	4	1.6					DB406QS		DB407QS			
SA II	10.90 - 03.92	4	1.6					DB406QS		DB407QS			
SC	04.92 - 07.93	4	1.6					DB406QS		DB407QS			
	07.92 - 07.93	4	1.6					DB406QS		DB407QS			
SE	08.93 - 07.94	4	1.6					DB406QS		DB407QS			
Corsair													
UA	09.88 - 08.92	4	2.0					DB1165QS					
			2.4					DB1165QS					
Cortina													
TE	06.77 - 10.80	4	2.0					DB1024QS					
		6	3.3					DB1024QS					
			4.1					DB1024QS					
Cougar													
	08.98 - 12.00	6	2.5		ATE,WW					DB2098UL			
					BSY,OVA					DB1313QS		DB1313UL	
				08.98 - 07.99	ATE			DB1299QS		DB1299UL			
				08.99 - 12.00	ATE			DB1299QS		DB1299UL			
Courier													
	01.79 - 02.82	4	1.8					DB40QS					
	01.80 - 12.84	4	2.2					DB409QS					
	02.82→	4	1.8					DB292QS					
	09.82 - 08.85	4	2.0					DB292QS					
	01.85 - 11.89	4	2.0					DB409QS					
	09.85 - 08.88	4	2.0					DB409QS					
	09.86 - 08.90	4	2.6					DB409QS					
	12.86 - 11.89	4	2.6					DB409QS					
	09.88 - 08.93	4	2.2					DB409QS					
	11.89 - 02.95	4	2.0					DB409QS					
PC	09.90 - 02.96	4	2.6					DB409QS					
	03.96 - 05.99	4	2.6					DB1326QS					
PD	03.96 - 11.99	4	2.6					DB1322QS					
Econovan													
	01.80 - 12.84	4	1.6					DB388QS					
	01.81 - 12.84	4	2.2					DB388QS					
	07.81 - 12.97	4	2.2					DB388QS					
	01.84 - 02.97	4	1.8					DB388QS					
	05.84 - 12.85	4	1.4					DB388QS					
	02.86 - 12.99	4	2.0					DB388QS					
JG	02.97 - 09.99	4	2.0					DB388QS					
JH	10.99 - 11.02	4	2.0					DB388QS					
	11.02 - 11.05	4	1.8					DB388QS					
			2.0					DB388QS					
Escape													
	12.00→	6	3.0					DB1426QS					
BA	03.01 - 02.03	6	3.0					DB1426QS					
ZA	03.03 - 12.03	6	3.0					DB1426QS					
	01.04→	4	2.3					DB1426QS					
ZB	01.04→	6	3.0					DB1426QS					





Explorer						
	11.96 - 05.99	6	4.0		7532QS	7545AQS
	06.99 - 09.01	6	4.0		7532QS	7545AQS
	10.01 - 10.03	6	4.0		7532QS	7545AQS

Fairlane						
ZA	03.67 - 02.68	6	3.3	KEL	S776QS	
		8	4.7	KEL	S776QS	
ZB	03.68 - 06.69	6	3.3	KEL	S776QS	
		8	4.9	KEL	S776QS	
ZC	07.69 - 10.70	6	3.6	KEL	S776QS	
		8	5.0	KEL	S776QS	
			5.8	KEL	S776QS	
ZD	11.70 - 03.72	6	4.1	KEL	S776QS	
		8	4.9	KEL	S776QS	
			5.8	KEL	S776QS	
ZF	04.72 - 10.73	6	4.1		DB1045QS	
		8	4.9		DB1045QS	
			5.8		DB1045QS	
ZG	11.73 - 04.76	6	4.1		DB1045QS	DB1046QS
		8	4.9		DB1045QS	DB1046QS
			5.8		DB1045QS	DB1046QS
ZH	05.76 - 04.79	8	4.9		DB1045QS	DB1046QS
ZJ	05.79 - 12.81	8	4.9		DB1045QS	DB1046QS
			5.8		DB1045QS	DB1046QS
	10.79 - 12.81	6	4.1		DB1045QS	DB1046QS
ZK	01.82 - 09.84	6	4.1		DB1045QS	DB1078QS
		8	5.0		DB1045QS	DB1078QS
ZL	09.84 - 05.88	6	4.1			DB1078QS
				TW	DB1045QS	
					DB1075QS	
NA	06.88 - 09.89	6	3.9		DB1108QS	DB1109QS
NA II	10.89 - 06.91	6	3.9		DB1108QS	DB1109QS
NC	07.91 - 02.92	6	3.9		DB1108QS	DB1109QS
		8	5.0		DB1108QS	DB1109QS
NC II	03.92 - 02.95	6	4.0		DB1108QS	DB1109QS
		8	5.0		DB1108QS	DB1109QS
NF	03.95 - 09.95	6	4.0		DB1108QS	DB1086QS
		8	5.0		DB1108QS	DB1086QS
NF II	10.95 - 08.96	6	4.0		DB1108QS	DB1086QS
		8	5.0		DB1108QS	DB1086QS
NL	09.96 - 02.99	6	4.0		DB1108QS	DB1086QS
		8	5.0		DB1108QS	DB1086QS
AU	02.99 - 06.00	6	4.0		DB1108QS	DB1086QS
		8	5.0		DB1108QS	DB1086QS
AU II	07.00 - 02.03	6	4.0		DB1375QS	
		8	5.0		DB1375QS	
BA	07.03 - 02.05	6	4.0		DB1473QS	DB1376QS
		8	5.4		DB1473QS	DB1376QS
BA II	03.05 - 09.05	6	4.0		DB1473QS	DB1376QS
		8	5.4		DB1473QS	DB1376QS
BF	10.05 →	6	4.0		DB1473QS	DB1376QS
		8	5.4		DB1473QS	DB1376QS

Falcon / Fairmont						
XK	09.60 - 07.62	6	2.3		S776QS	
XL	08.62 - 01.64	6	2.3		S776QS	
			2.8		S776QS	
XM	02.64 - 03.65	6	2.3		S776QS	
			2.8		S776QS	
			3.3		S776QS	
			3.3		S776QS	
XP	04.65 - 08.66	6	2.3		S776QS	
			2.8		S776QS	
			3.3		S776QS	
XR	09.66 - 02.68	6	2.8		S776QS	
			3.3		S776QS	
		8	4.8		S776QS	

					Everyday Driving QikStep		Demanding Driving Ultra			
◀ FORD										
XT	03.68 - 05.69	6	3.1			S776QS				
			3.6			S776QS				
XW	06.69 - 12.70	6	8	5.0		S776QS				
			8	3.1		S776QS				
				5.0		S776QS				
XY	01.71 - 02.72	6	5.8			S776QS				
			8	3.3		S776QS				
				4.1		S776QS				
				4.9		S776QS				
XA	03.72 - 10.73	6	5.8			S776QS				
			8	3.3	KEL	S776QS				
				4.1	KEL	S776QS				
				4.9	KEL	S776QS				
XB	11.73 - 06.76	6	5.8			S776QS				
			8	3.3		DB1045QS				
				4.1		DB1045QS				
				4.9		DB1045QS				
XC	07.76 - 02.79	6	5.8			DB1045QS				
			8	3.3			DB1046QS			
				GRL		DB1004QS				
				PBR		DB1045QS				
			8	4.1				DB1046QS		
				GRL		DB1004QS				
				PBR		DB1045QS				
			8	4.9				DB1046QS		
				GRL		DB1004QS				
				PBR		DB1045QS				
5.8					DB1046QS					
8	03.79 - 02.82	6	GRL		DB1004QS					
			PBR		DB1045QS					
			3.3		DB1045QS	DB1046QS				
			4.1		DB1045QS	DB1046QS				
8	03.82 - 09.84	6	4.9		DB1045QS	DB1046QS				
			5.8		DB1045QS	DB1046QS				
			3.3		DB1045QS	DB1078QS				
			TW		DB1045QS	DB1075QS				
8	09.84 - 10.87	6	4.1			DB1078QS				
			TW		DB1045QS	DB1075QS				
			4.9		DB1045QS	DB1078QS				
			TW		DB1045QS	DB1075QS				
			5.8		DB1045QS	DB1078QS				
			TW		DB1045QS	DB1075QS				
8	03.88 - 12.88	6	3.3			DB1078QS				
			4.1		DB1045QS	DB1075QS				
8	03.88 - 09.89	6	TW		DB1045QS	DB1075QS				
			3.2		DB1108QS	DB1109QS				
8	10.89 - 06.91	6	3.9		DB1108QS	DB1109QS				
			3.9		DB1108QS	DB1109QS				
8	07.91 - 02.92	6	3.9		DB1108QS	DB1109QS				
			5.0		DB1108QS	DB1109QS				
8	03.92 - 07.93	6	4.0		DB1108QS	DB1109QS				
			5.0		DB1108QS	DB1109QS				
			5.0		DB1108QS	DB1109QS				
			5.0		DB1108QS	DB1109QS				
8	10.92 - 04.93	6	4.0		DB1108QS	DB1109QS				
			5.0		DB1108QS	DB1109QS				
8	08.93 - 08.94	6	4.0		DB1108QS	DB1109QS				
			5.0		DB1108QS	DB1109QS				
8	09.94 - 09.95	6	4.0		DB1108QS	DB1086QS				
			5.0		DB1108QS	DB1086QS				
8	10.95 - 08.96	6	4.0		DB1108QS	DB1086QS				
			5.0		DB1108QS	DB1086QS				
8	09.96 - 08.98	6	4.0		DB1108QS	DB1086QS				
			5.0		DB1108QS	DB1086QS				
8	09.98 - 03.00	6	4.0		DB1108QS	DB1086QS				
			5.0		DB1108QS	DB1086QS				



								Everyday Driving		Demanding Driving	
AU II	04.00 - 03.01	6	4.0				DB1375QS	DB1376QS			
		8	5.0				DB1375QS	DB1376QS			
AU III	07.00 - 03.01	6	4.0				DB1375QS	DB1376QS			
	04.01 - 09.02	6	4.0				DB1375QS	DB1376QS			
BA	10.02 - 09.04	8	5.0				DB1375QS	DB1376QS			
		6	4.0				DB1473QS	DB1376QS			
BA II	10.04 - 09.05	8	5.4				DB1473QS	DB1376QS			
		6	4.0				DB1473QS	DB1376QS			
BF	10.05 - 09.06	6	4.0				DB1473QS	DB1376QS			
		8	5.4			GHI	DB1675QS				
						GHI	DB1473QS	DB1675QS			
Falcon Utility											
XF	09.84 - 10.86	6	3.3						DB1078QS		
						TW	DB1045QS				
XF	09.84 - 02.93	6	4.1				DB1075QS		DB1078QS		
						TW	DB1045QS				
							DB1075QS				
XG	03.93 - 03.96	6	4.0				DB1075QS				
XH	04.96 - 11.99	6	4.0				DB1108QS	DB1109QS			
AU II	04.00 - 09.01	6	4.0				DB1375QS	DB1376QS			
		8	5.0				DB1375QS	DB1376QS			
AU III	10.01 - 09.02	6	4.0				DB1375QS	DB1376QS			
		8	5.0				DB1375QS	DB1376QS			
BA	10.02 - 09.04	6	4.0				DB1473QS	DB1376QS			
		8	5.4				DB1473QS	DB1376QS			
BA II	10.04 - 09.05	6	4.0				DB1473QS	DB1376QS			
		8	5.4				DB1473QS	DB1376QS			
Falcon Utility XR6											
XG	10.93 - 03.96	6	4.0				DB1075QS				
AU II	04.00 - 09.01	6	4.0				DB1375QS	DB1376QS			
BA	10.02 - 09.04	6	4.0				DB1473QS	DB1376QS			
BA II	03.05 - 09.05	6	4.0				DB1473QS	DB1376QS			
BF	10.05 - 09.06	6	4.0				DB1473QS	DB1675QS			
Falcon Utility XR8											
AU II	04.00 - 09.01	8	5.0				DB1375QS	DB1376QS			
BA	10.02 - 09.04	8	5.4				DB1473QS	DB1376QS			
BA II	03.05 - 09.05	8	5.4				DB1473QS	DB1376QS			
BF	10.05 - 09.06	8	5.4				DB1473QS	DB1675QS			
Falcon Van											
XF	09.84 - 10.86	6	3.3						DB1078QS		
						TW	DB1045QS				
XF	09.84 - 02.93	6	4.1				DB1075QS		DB1078QS		
						TW	DB1045QS				
							DB1075QS				
XG	03.93 - 03.96	6	4.0				DB1075QS				
XH	04.96 - 05.99	6	4.0				DB1108QS	DB1109QS			
Falcon XR6											
EB II	10.92 - 07.93	6	4.0				DB1108QS	DB1109QS			
ED	08.93 - 07.94	6	4.0				DB1108QS	DB1109QS			
EF	09.94 - 09.95	6	4.0				DB1108QS	DB1086QS			
EF II	10.95 - 08.96	6	4.0				DB1108QS	DB1086QS			
EL	09.96 - 08.98	6	4.0				DB1108QS	DB1086QS			
AU	09.98 - 02.00	6	4.0				DB1108QS	DB1086QS			
AU II	04.00 - 03.01	6	4.0				DB1375QS	DB1376QS			
AU III	04.01 - 09.02	6	4.0				DB1375QS	DB1376QS			
BA	10.02 - 09.04	6	4.0				DB1473QS	DB1376QS			
BA II	10.04 - 09.05	6	4.0				DB1473QS	DB1376QS			
BF	10.05 - 09.06	6	4.0				DB1473QS	DB1675QS			





◀ FORD

Falcon XR8					
ED	08.93 - 08.94	8	5.0		DB1108QS DB1109QS
EF	09.94 - 09.95	8	5.0		DB1108QS DB1086QS
EF II	10.95 - 08.96	8	5.0		DB1108QS DB1086QS
EL	09.96 - 08.98	8	5.0		DB1108QS DB1086QS
	10.97 - 08.98	8	5.0		DB1108QS DB1086QS
AU	09.98 - 02.00	8	5.0		DB1108QS DB1086QS
AU II	04.00 - 03.01	8	5.0		DB1375QS DB1376QS
AU III	04.01 - 09.02	8	5.0		DB1375QS DB1376QS
BA	10.02 - 09.04	8	5.4		DB1376QS
BA II	03.05 - 09.05	8	5.4		DB1473QS DB1376QS
BF	10.05 - 09.06	8	5.4		DB1473QS DB1675QS
Festiva					
WA	06.91 - 03.94	4	1.3		DB442QS
WB	04.94 - 12.96	4	1.3		DB1158QS
WBII	02.97 - 12.97	4	1.3		DB1158QS
			1.5		DB1158QS
WF	01.98 - 12.00	4	1.3		DB1158QS
			1.5		DB1158QS
Fiesta					
02	11.01→	4	1.6		DB1724QS
Focus					
	08.98 - 05.05	4	1.8		7690QS
			2.0		7690QS
Ka					
	09.96 - 10.02	4	1.3	09.96 - 01.00 ATE	DB1373QS
				02.00 - 10.02 ATE	DB1373QS
Laser					
KA	02.81 - 11.82	4	1.3		DB241QS
			1.5		DB241QS
KB	12.82 - 09.85	4	1.3		DB241QS
			1.5		DB241QS
KC	10.85 - 09.87	4	1.3		DB406QS
			1.6		DB406QS
KE	10.87 - 03.89	4	1.3		DB406QS
			10.87 - 02.90	4	1.6
KF	03.90 - 09.91	4	1.6		DB427QS DB407QS
			1.8		DB1158QS DB1159QS
KE II	03.90 - 09.94	4	1.6		DB1158QS DB1159QS
			1.8		DB1158QS DB1159QS
KF	06.90 - 09.91	4	1.8		DB1177QS DB1159QS
KH	10.91 - 09.92	4	1.6		DB1158QS DB1159QS
			1.8		DB1158QS DB1159QS
KH II	10.92 - 07.93	4	1.8		DB1177QS DB1159QS
			10.92 - 09.94	4	1.6
KJ	10.94 - 11.96	4	1.6		DB1158QS DB1180QS
			1.8		DB1177QS DB1291QS
KJ II	12.96 - 12.97	4	1.6		DB1177QS DB1291QS
			1.8		DB1177QS DB1291QS
KJ III	12.97 - 03.99	4	1.6		DB1177QS DB1291QS
			1.8		DB1177QS DB1291QS
KN	03.99 - 02.01	4	1.6		DB1362QS DB1359QS
			1.8		DB1362QS DB1359QS
KQ	03.99→	4	1.6		DB1362QS DB1359QS
			1.8		DB1362QS DB1359QS
KQ	03.01 - 12.03	4	1.6		DB1358QS
			1.8		DB1362QS DB1359QS
			2.0		DB1362QS DB1359QS





LTD								
FC	06.79 - 02.82	6	4.1		DB1045QS	DB1046QS		
		8	5.8		DB1045QS	DB1046QS		
FD	03.82 - 09.84	6	4.1		DB1108QS	DB1109QS		
		8	4.9		DB1108QS	DB1109QS		
			5.8		DB1108QS	DB1109QS		
FE	09.84 - 05.88	6	4.1	TW		DB1078QS		
						DB1045QS		
					DB1075QS			
DA	06.88 - 09.89	6	3.9		DB1108QS	DB1109QS		
DA II	10.89 - 06.91	6	3.9		DB1108QS	DB1109QS		
DC	07.91 - 02.92	6	3.9		DB1108QS	DB1109QS		
		8	5.0		DB1108QS	DB1109QS		
	03.92 - 02.95	6	4.0		DB1108QS	DB1109QS		
DC II	03.92 - 02.95	8	5.0		DB1108QS	DB1109QS		
DF	03.95 - 09.95	6	4.0		DB1108QS	DB1109QS		
		8	5.0		DB1108QS	DB1109QS		
DF II	10.95 - 08.96	6	4.0		DB1108QS	DB1109QS		
		8	5.0		DB1108QS	DB1109QS		
DL	09.96 - 05.99	6	4.0		DB1108QS	DB1109QS		
		8	5.0		DB1108QS	DB1109QS		
AU	05.99 - 05.00	8	5.0		DB1108QS	DB1086QS		
		6	4.0		DB1108QS	DB1086QS		
AU II	06.00 - 06.03	6	4.0		DB1375QS	DB1376QS		
		8	5.0		DB1375QS	DB1376QS		
BA	07.03 - 09.04	8	5.4		DB1473QS	DB1376QS		
BF	10.05→	8	5.4		DB1473QS	DB1376QS		
Maverick								
	04.88 - 12.94	6	4.2			DB1146QS		
Meteor								
GA	02.82 - 04.83	4	1.5		DB241QS			
GB	05.83 - 02.85	4	1.5		DB241QS			
		4	1.5		DB241QS			
GC	10.85 - 10.87	4	1.6		DB406QS	DB407QS		
Mondeo								
93	03.95 - 07.96	4	2.0	ATE,BVA,NOR	DB1299QS		DB1299UL	
				ATE,BVA,VEA			DB2098UL	
				ATE,OVA	DB1299QS		DB1299UL	
				BSY,OVA		DB1313QS		DB1313UL
97	08.96 - 09.00	4	2.0	ATE,BVA,NOR	DB1299QS		DB1299UL	
				ATE,BVA,VEA			DB2098UL	
				ATE,OVA	DB1299QS		DB1299UL	
				BSY,BVA,WW		DB1313QS		DB1313UL
				BSY,OVA		DB1313QS		DB1313UL
		6	2.5	ATE,NOR,OVA	DB1299QS		DB1299UL	
				BSY,BVA,WW		DB1313QS		DB1313UL
				BSY,OVA		DB1313QS		DB1313UL
				08.96 - 11.97			DB2082UL	
				09.96 - 09.00	DB1299QS		DB1299UL	
				12.97 - 09.00			DB2098UL	
	08.98 - 09.00	4	2.0	ATE,BVA,NOR	DB1299QS		DB1299UL	
				ATE,BVA,VEA			DB2098UL	
				ATE,OVA	DB1299QS		DB1299UL	
				BSY,BVA,WW		DB1313QS		DB1313UL
				BSY,OVA		DB1313QS		DB1313UL
Probe								
	04.94 - 07.97	6	2.5			DB1254QS		
				SUM	DB1255QS			
Spectron								
	01.88 - 12.98	4	2.0		DB388QS			

									Everyday Driving		Demanding Driving
◀ FORD											
Taurus											
	09.96 - 12.01	6	3.0					DB1318QS			
Telstar											
AR	05.83 - 08.85	4	2.0					DB304QS			
AS	09.85 - 09.87	4	2.0					DB414QS	DB279QS		
	01.86 - 09.87	4	2.0					DB414QS	DB279QS		
AT	10.87 - 10.89	4	2.0					DB1114QS	DB1115QS		
			2.2					DB1114QS	DB1115QS		
AV	01.90 - 10.91	4	2.2					DB1114QS	DB1115QS		
AX	01.92 - 08.94	4	2.0					DB1255QS	DB1254QS		
		6	2.5					DB1255QS	DB1254QS		
	12.92 - 08.94	4	2.0					DB1255QS	DB1254QS		
AY	09.94 - 11.96	4	2.0					DB1255QS	DB1254QS		
		6	2.5					DB1255QS	DB1254QS		
Telstar Turbo											
AT	10.87 - 10.89	4	2.2					DB1114QS	DB1115QS		
AV	01.90 - 10.91	4	2.2					DB1114QS	DB1115QS		
Territory											
SX	05.04 - 09.05	6	4.0					DB1473QS	DB1675QS		
SY	10.05→	6	4.0						DB1675QS		
								DB1473QS	DB1675QS		
Transit											
F_	01.00 - 07.06	4	2.4		BSY			DB1436QS			
	08.01 - 07.06	4	2.3		BSY			DB1436QS			
	03.04 - 07.06	4	2.4		BSY			DB1436QS			
HOLDEN											
Adventra											
VY II	08.03 - 08.04	8	5.7					DB1331QS	DB1332QS		
VZ	09.04 - 08.06	8	5.7					DB1331QS	DB1332QS		
	04.05 - 08.06	6	3.6					DB1331QS	DB1332QS		
Apollo											
JK	08.89 - 07.91	4	2.0					DB1110QS	DB422QS		
JL	08.91 - 02.93	4	2.0					DB1110QS	DB422QS		
JM	04.93 - 07.95	4	2.2					DB1267QS	DB422QS		
		6	3.0					DB1209QS	DB422QS		
JP	08.95 - 05.97	4	2.2					DB1267QS	DB422QS		
		6	3.0					DB1209QS	DB422QS		
Astra											
LB	08.84 - 03.86	4	1.5					DB1103QS			
LC	04.86 - 06.87	4	1.6					DB1103QS			
LD	07.87 - 07.89	4	1.6					DB1117QS			
			1.8					DB1117QS			
	10.87 - 07.89	4	1.6					DB1117QS			
			1.8					DB1117QS			
TR	09.96 - 09.98	4	1.6					DB1228QS			
					ATE				DB1229QS		DB1229UL
								DB1275QS	DB1229QS	DB1275UL	DB1229UL
			1.8					DB1228QS			
					ATE				DB1229QS		DB1229UL
			2.0					DB1228QS			
TS	10.98 - 11.00	4	1.8						DB1229QS		DB1229UL
					ABS,ATE,B28					DB2014UL	
					BSY				DB1425QS		
					GIR						DB2034UL
					2D5,ABO,ATE			DB1424QS			

								Everyday Driving		Demanding Driving	
TS	02.99 - 11.00	4	1.8	ABS,ATE,B28						DB2014UL	
				BSY				DB1425QS			
				GIR						DB2034UL	
	09.00 - 08.05	4	2.2	2D5,ABO,ATE	DB1424QS						
				ABS,ATE,B28					DB2014UL		
				BSY				DB1425QS			
	12.00 - 09.04	4	1.8	GIR							DB2034UL
				2D5,ABO,ATE	DB1424QS						
				ABS,ATE,B28					DB2014UL		
	09.02 - 08.05	4	2.0	BSY							DB2034UL
				GIR					DB1425QS		
				2D5,ABO,ATE	DB1424QS					DB2014UL	
AH	09.03→	4	2.2	ABS,ATE,B28						DB2014UL	
				BSY					DB1425QS		
				GIR						DB2034UL	
	03.04→	4	1.8	2D5,ABO,ATE	DB1424QS						
				ABS,ATE,B28					DB2014UL		
				BSY				DB1425QS			
	04.04→	4	1.9	GIR							DB2034UL
				2D5,ABO,ATE	DB1424QS						
				ABS,ATE,B28					DB2014UL		
	08.05→	4	1.8	BSY							DB2034UL
				GIR					DB1425QS		
				2D5,ABO,ATE	DB1424QS					DB2014UL	
Astra Convertible											
TS	09.00 - 08.05	4	2.2	ABS,ATE,B28						DB2014UL	
				BSY					DB1425QS		
				GIR						DB2034UL	
	05.03 - 12.04	4	2.0	2D5,ABO,ATE	DB1424QS						
				ABS,ATE,B28					DB2014UL		
				BSY					DB1425QS		
				GIR						DB2034UL	
				2D5,ABO,ATE	DB1424QS						
Astra Coupe											
TS	09.00 - 08.05	4	2.2	ABS,ATE,B28						DB2014UL	
				BSY					DB1425QS		
				GIR						DB2034UL	
				2D5,ABO,ATE	DB1424QS						
Astra GTC											
AH	03.05→	4	2.0	ABS,ATE,B28						DB2014UL	
				BSY					DB1425QS		
				GIR						DB2034UL	
				2D5,ABO,ATE	DB1424QS						
Barina											
MB	02.85 - 08.86	4	1.3							DB402QS	
ML	09.86 - 12.88	4	1.3							DB402QS	
MF	01.89 - 08.91	4	1.3							DB1155QS	
MH	09.91 - 04.94	4	1.3							DB1155QS	
SB	04.94 - 11.95	4	1.6	ATE						DB1275UL	
				ATE					DB1275QS		
	04.94 - 07.97	4	1.2	ATE							DB1275UL
				ATE					DB1275QS		
				ATE					DB1275QS		
12.95 - 09.98	4	1.6	ATE						DB1275UL		
08.97 - 03.01	4	1.4	ATE						DB1275QS		
XC	09.03 - 10.05	4	1.4							DB1471QS	
										DB1472QS	





◀ HOLDEN

Calibra								
YE	09.91 - 07.95	4	2.0	ATE	DB1228QS			
	09.91 - 10.97	4	2.0	ATE		DB1229QS		DB1229UL
				Chassis T9000001→	DB1228QS	DB1229QS		DB1229UL
				Chassis T9000001→	DB1351QS		DB1351UL	
				ATE				
	08.95 - 10.97	4	2.0	Chassis →A23721	DB1228QS			
				ATE	DB1228QS			
		6	2.5	ATE		DB1229QS		DB1229UL
				Chassis T1000583→, T9000001→		DB1229QS		DB1229UL
				ATE				
				Chassis →S1999999			DB1341UL	
				ATE				
				Chassis →T1000582, →T9000000		DB1229QS		DB1229UL
				ATE				
Camira								
JB	08.82 - 10.84	4	1.6		DB1076QS			
JD	11.84 - 02.86	4	1.6		DB1076QS			
	11.85 - 01.86	4	1.8		DB1076QS			
	02.86 - 03.87	4	1.8		DB1076QS			
JE	04.87 - 09.89	4	2.0		DB1076QS			
Caprice								
VQ	03.90 - 10.91	8	5.0		DB1085QS	DB1086QS		
VQ II	12.91 - 02.94	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
VR	03.94 - 08.94	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
VR II	09.94 - 04.95	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
VS	03.95 - 08.96	8	5.0		DB1085QS	DB1086QS		
	04.95 - 08.96	6	3.8		DB1085QS	DB1086QS		
VS II	09.96 - 04.98	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
	09.96 - 05.98	6	3.8		DB1085QS	DB1086QS		
VS III	05.98 - 06.99	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
	06.98 - 05.99	6	3.8		DB1085QS	DB1086QS		
WH	06.99 - 07.01	6	3.8		DB1331QS	DB1332QS		
		8	5.7		DB1331QS	DB1332QS		
WH II	08.01 - 04.03	6	3.8		DB1331QS	DB1332QS		
		8	5.7		DB1331QS	DB1332QS		
WK	05.03 - 08.04	6	3.8		DB1331QS	DB1332QS		
		8	5.7		DB1331QS	DB1332QS		
WL	09.04 - 12.05	8	5.7		DB1331QS	DB1332QS		
	09.04 - 08.06	6	3.6		DB1331QS	DB1332QS		
Combo								
SB	02.96 - 06.97	4	1.4	ATE	DB1275QS		DB1275UL	
	08.97 - 12.02	4	1.4	ATE	DB1275QS		DB1275UL	
XC	09.04→	4	1.4	GIR				DB2034UL
Commodore / Calais								
VB	10.78 - 04.80	6	2.8		DB1085QS	DB1086QS		
			3.3		DB1085QS	DB1086QS		
		8	4.2		DB1085QS	DB1086QS		
			5.0		DB1085QS	DB1086QS		
VC	04.80 - 10.81	6	2.8		DB1085QS	DB1086QS		
			3.3		DB1085QS	DB1086QS		
		8	4.2		DB1085QS	DB1086QS		
			5.0		DB1085QS	DB1086QS		
VH	10.81 - 03.84	6	2.8		DB1085QS	DB1086QS		
			3.3		DB1085QS	DB1086QS		
		8	4.2		DB1085QS	DB1086QS		

								Everyday Driving		Demanding Driving
								DB1085QS	DB1086QS	
VH	10.81 - 03.84	8	5.0					DB1085QS	DB1086QS	
VK	02.84 - 12.85	6	3.3					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VL	01.86 - 07.88	6	3.0					DB1085QS	DB1086QS	
	07.86 - 07.88	8	5.0					DB1085QS	DB1086QS	
VN	08.88 - 02.90	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
	08.88 - 09.91	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VN II	03.90 - 09.91	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VP	10.91 - 12.92	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VP II	01.93 - 06.93	6	3.8					DB1085QS	DB1086QS	
	02.93 - 06.93	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VR	07.93 - 08.94	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VR II	09.94 - 03.95	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VS	04.95 - 05.96	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VS II	06.96 - 07.97	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VT	09.97 - 05.99	6	3.8					DB1331QS	DB1332QS	
		8	5.0					DB1331QS	DB1332QS	
VT II	06.99 - 08.00	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VX	10.00 - 07.01	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VX II	08.01 - 09.02	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VY	10.02 - 07.03	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VY II	08.03 - 08.04	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VZ	09.04 - 08.06	6	3.6					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
	09.04 →	6	3.6					DB1331QS	DB1332QS	
Commodore Utility										
VG	08.90 - 08.91	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VP	09.91 - 06.93	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VR	07.93 - 03.95	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VS	04.95 - 05.96	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VS II	06.96 - 07.97	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VS III	05.98 - 12.00	6	3.8					DB1085QS	DB1086QS	
		8	5.0					DB1085QS	DB1086QS	
VU	12.00 - 07.01	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VU II	08.01 - 09.02	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VY	10.02 - 07.03	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VY II	08.03 - 08.04	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VZ	09.04 →	6	3.6					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
Crewman										
VY II	08.03 - 08.04	6	3.8					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	
VZ	09.04 - 08.06	6	3.6					DB1331QS	DB1332QS	
		8	5.7					DB1331QS	DB1332QS	



					Everyday Driving Demanding Driving	
◀ HOLDEN						
Cruze						
	12.03→	4	1.5			DB1674QS
Drover						
QB	02.85 - 12.87	4	1.3			DB403QS
Gemini						
TX	03.75 - 03.77	4	1.6			DB1026QS
TC	03.77 - 04.78	4	1.6			DB1026QS
TD	04.78 - 10.79	4	1.6			DB1026QS
TE	10.79 - 03.82	4	1.6			DB1026QS
TF	03.82 - 04.83	4	1.6			DB1026QS
TG	03.83 - 04.83	4	1.6			DB1026QS
RB	04.85 - 06.87	4	1.5			DB410QS
Jackaroo						
UBS	02.81 - 12.86	4	2.0			DB1116QS
	11.81 - 06.84	4	2.2			DB1116QS
	07.84 - 06.88	4	2.2			DB1116QS
	08.85 - 06.88	4	2.3			DB1116QS
	05.92 - 06.95	4	3.1	WW		DB1270QS
		6	3.2	WW		DB1280QS
UBS II	07.95 - 12.97	4	3.1	WW		DB1270QS
		6	3.2	WW		DB1280QS
						DB1280QS
L8	01.98 - 09.99	4	3.1			DB1270QS
	01.98 - 01.04	6	3.5			DB1270QS
U8	10.99→	4	3.1			DB1270QS
Kingswood						
HK	01.68 - 05.69	6	2.6			DB625QS
			3.0			DB625QS
			5.0			DB625QS
HT	05.69 - 07.70	6	2.6			DB625QS
			3.0			DB625QS
			4.2			DB625QS
HG	07.70 - 07.71	6	2.6			DB625QS
			4.2			DB625QS
			5.0			DB625QS
HQ	07.71 - 10.74	6	2.8			DB6QS
			3.3			DB6QS
			4.2			DB6QS
HJ	10.74 - 07.76	6	2.8			DB6QS
			3.3			DB6QS
			4.2			DB6QS
HX	07.76 - 10.77	6	2.8	GRL, TW		DB1004QS
				PBR, TW		DB1023QS
						DB6QS
			3.3	GRL, TW		DB1004QS
				PBR, TW		DB1023QS
						DB6QS
			4.2	GRL, TW		DB1004QS
				PBR, TW		DB1023QS
						DB6QS
5.0	GRL, TW		DB1004QS			
	PBR, TW		DB1023QS			
			DB6QS			



									Everyday Driving		Demanding Driving	
HZ	10.77 - 12.79	6	2.8	GRL	DB1023QS							
				PBR	DB1029QS							
				STT		DB1032QS						
		3.3		GRL	DB1023QS							
				PBR	DB1029QS							
				STT		DB1032QS						
	8	4.2	GRL	DB1023QS								
			PBR	DB1029QS								
			STT		DB1032QS							
		5.0		GRL	DB1023QS							
				PBR	DB1029QS							
				STT		DB1032QS						
Monaro												
V2	12.01 - 12.02	6	3.8		DB1331QS	DB1332QS						
			8	5.7	DB1331QS	DB1332QS						
V2 II	01.03 - 07.03	6	3.8		DB1331QS	DB1332QS						
			8	5.7	DB1331QS	DB1332QS						
V2 III	08.03 - 08.06	8	5.7		DB1331QS	DB1332QS						
VZ	09.04 - 08.06	8	5.7		DB1331QS	DB1332QS						
Nova												
LE	07.89 - 08.91	4	1.4		DB1103QS							
				1.6	AKE	DB1147QS						
					AKE	DB1103QS	DB1147QS					
LF	09.91 - 11.92	4	1.4		DB1103QS							
					AKE	DB1147QS						
	09.91 - 10.94	4	1.6		DB1103QS							
					AKE	DB1147QS						
10.92 - 10.94	4	1.8		DB1103QS								
				AKE	DB1147QS							
LG	09.94 - 09.96	4	1.6		DB1267QS							
				1.8	DB1267QS	DB1147QS						
Rodeo												
UBS	07.85 - 06.88	4	2.3		DB1116QS							
	01.87 - 10.88	4	2.2		DB1116QS							
	07.88 - 03.90	4	2.5		DB1116QS							
	07.88 - 12.90	4	2.6		DB1116QS							
TF	07.88 - 12.92	4	2.4		DB1116QS							
	04.90 - 12.96	4	2.8		DB1116QS							
	01.91 - 04.93	4	2.6		DB1116QS							
	01.91 - 10.95	4	2.6		DB1116QS							
	01.93 - 12.96	4	2.8		DB1116QS							
	05.93 - 12.96	4	2.6		DB1116QS							
	11.95 - 12.96	4	2.6		DB1116QS							
	01.97 - 05.98	4	2.6		DB1116QS							
R7	01.97 - 05.98	4	2.8		DB1116QS							
					WW	DB1116QS	DB1270QS	DB1280QS				
	06.98 - 12.00	4	2.2		DB1116QS							
			6	3.2	DB1116QS							
	06.98 - 06.01	4	2.8		DB1116QS							
						DB1116QS						
	01.01 - 02.03	4	2.2		DB1116QS							
			6	3.2	DB1116QS							
	01.01 - 03.03	6	3.2		DB1116QS							
						DB1116QS	DB1270QS	DB1280QS				
	07.01 - 03.03	4	2.8		WW	DB1116QS	DB1270QS	DB1280QS				
						DB1116QS	DB1270QS	DB1280QS				
12.01 - 02.03	4	3.0		WW	DB1116QS	DB1270QS	DB1280QS					
					DB1116QS	DB1270QS	DB1280QS					
03.03→	4	3.0		WW	DB1270QS	DB1280QS						
					DB1116QS	DB1270QS	DB1280QS					
Scurry												
NB	07.85 - 12.87	4	1.0		DB208QS							





◀ HOLDEN

Statesman

HQ	07.71 - 10.74	6	3.3		DB6QS			
		8	4.2		DB6QS			
			5.0		DB6QS			
			5.7		DB6QS			
HJ	10.74 - 07.76	8	5.0		DB6QS			
HX	07.76 - 10.77	8	5.0		DB1004QS			
HZ	10.77 - 06.79	6	3.3		DB1023QS			
		8	4.2		DB1023QS			
			5.0		DB1023QS			
VQ	03.90 - 10.91	8	5.0		DB1085QS	DB1086QS		
VQ II	12.91 - 02.94	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
VR	03.94 - 04.95	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
VS	03.95 - 08.96	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
VS II	09.96 - 04.98	6	3.8		DB1085QS	DB1086QS		
	09.96 - 05.98	8	5.0		DB1085QS	DB1086QS		
VS III	05.98 - 06.99	6	3.8		DB1085QS	DB1086QS		
		8	5.0		DB1085QS	DB1086QS		
WH	06.99 - 07.01	6	3.8		DB1331QS	DB1332QS		
		8	5.7		DB1331QS	DB1332QS		
WH II	08.01 - 04.03	6	3.8		DB1331QS	DB1332QS		
		8	5.7		DB1331QS	DB1332QS		
WK	05.03 - 08.04	6	3.8		DB1331QS	DB1332QS		
	08.03 - 08.04	8	5.7		DB1331QS	DB1332QS		
WL	09.04 - 12.05	8	5.7		DB1331QS	DB1332QS		
	09.04 - 08.06	6	3.6		DB1331QS	DB1332QS		

Sunbird

LX	12.76 - 03.78	4	1.9	TW	DB1028QS			
					DB1085QS			

Torana

HB	05.67 - 10.69	4	1.1		DB14QS			
LC	10.69 - 02.72	4	1.6		DB14QS			
		6	2.6		DB14QS			
			2.8		DB14QS			
			3.0		DB14QS			
	06.71 - 02.72	4	1.8		DB14QS			
LJ	02.72 - 02.74	4	1.6		DB14QS			
		6	2.6		DB14QS			
			2.8		DB14QS			
TA	02.74 - 12.74	4	1.3		DB14QS			
LH	03.74 - 03.76	6	2.8		DB14QS			
			3.3		DB14QS			
		8	4.2		DB14QS			
			5.0		DB14QS			
	05.74 - 03.76	4	1.9		DB14QS			
LX	03.76 - 12.76	4	1.9		DB14QS			
	03.76 - 03.78	6	2.8		DB14QS			
			3.3		DB14QS			
		8	4.2		DB14QS			
			5.0		DB14QS			
UC	03.78 - 12.79	6	2.8	GRL	DB1028QS			
				PBR	DB1085QS			
				STT		DB1032QS		
			3.3	GRL	DB1028QS			
				PBR	DB1085QS			
				STT		DB1032QS		

Vectra

JR	06.97 - 07.98	4	2.0	ATE	DB1351QS	DB1273QS	DB1351UL	
		6	2.5	ATE	DB1351QS	DB1273QS	DB1351UL	
JS	08.98 - 06.99	4	2.0	ATE	DB1351QS	DB1273QS	DB1351UL	
			2.2	ATE	DB1351QS	DB1273QS	DB1351UL	
		6	2.5	ATE	DB1351QS	DB1273QS	DB1351UL	

								Everyday Driving		Demanding Driving	
JS II	07.99 - 08.00	6	2.5			ATE	DB1351QS	DB1273QS	DB1351UL		
	07.99 - 09.02	4	2.0			ATE	DB1351QS	DB1273QS	DB1351UL		
			2.2			ATE	DB1351QS	DB1273QS	DB1351UL		
ZC	09.01→	4	2.2					DB1665QS			
	08.02→	6	3.2					DB1665QS			
Zafira											
TT	09.00 - 08.05	4	2.2					DB1425QS			
						GIR				DB2034UL	
HONDA											
Accord											
CA/CB/CD	11.85 - 12.89	4	2.0			AKE		DB430QS			
	01.86 - 05.89	4	2.0				DB429QS				
	04.87 - 10.89	4	2.0				DB429QS				
	11.89 - 09.93	4	2.2				DB1172QS	DB1265QS			
	11.90 - 09.93	4	2.2				DB1172QS	DB1265QS			
	01.93 - 01.02	4	2.2				DB1172QS	DB1265QS			
	10.93 - 12.97	4	2.2				DB1172QS	DB1265QS			
	01.98→	6	3.0				DB1191QS				
	01.03→	4	2.4				DB1515QS				
CL/CN/CM	02.03→	4	2.4				DB1481QS				
Accord Aerodeck											
CA/CB/CD	06.84 - 01.97	4	2.2				DB1206QS	DB1265QS			
CB/CC/CD/CE	10.93 - 09.97	4	2.2				DB1206QS	DB1265QS			
Accord Tourer											
CL/CN/CM	02.03→	4	2.3	02.03 - 12.05		AKE		DB1142QS			
Civic											
	01.72 - 08.79	4	1.2	03.77 - 08.79		SUM	DB122QS				
SL/SS/SP/WC	09.79 - 09.83	4	1.3				DB208QS				
	09.82 - 09.83	4	1.2				DB208QS				
AL/AM/AG/AJ/AH/AK	10.83 - 10.87	4	1.5				DB408QS				
EC/ED/EE	10.87 - 10.91	4	1.5				DB390QS				
	11.87 - 10.91	4	1.5				DB390QS				
ED/EE	11.87 - 05.92	4	1.6					DB1163QS			
EG/EH	10.91 - 09.93	4	1.3				DB1259QS				
	11.91 - 09.93	4	1.5				DB1259QS				
	06.92 - 06.98	4	1.6				DB1262QS	DB1163QS			
	02.93 - 09.93	4	1.5				DB1259QS				
	10.93 - 09.95	4	1.5				DB1259QS				
				1.6				DB1262QS	DB1163QS		
								DB1262QS	DB1163QS		
EJ	01.94 - 04.00	4	1.6			AG,SUM	DB1286QS				
EJ/EK	10.95 - 09.98	4	1.6				DB1262QS	DB1163QS			
							DB1286QS				
	10.95 - 10.98	4	1.6				DB1262QS	DB1163QS			
						SUM	DB1286QS				
					10.95 - 12.97	AKE		DB430QS			
	10.95 - 03.99	4	1.6				DB1262QS	DB1163QS			
	10.95 - 09.00	4	1.6				DB1286QS				
10.95 - 02.01	4	1.6				DB1286QS					
				10.95 - 12.99	SUM		DB1286QS				
EJ	05.96 - 04.99	4	1.6			WW	DB1262QS				
							DB1286QS				
EM	01.99 - 12.00	4	1.6			AKE		DB430QS			
EJ/EK	10.00→	4	1.7				DB1391QS				
ES	10.00→	4	1.7				DB1391QS	DB1142QS			
						WW	DB1391QS	DB1142QS			
	02.01 - 12.02	4	1.4				DB1481QS				
	11.01 - 03.05	4	1.3				DB1481QS				
	05.03→	4	2.0				DB1391QS				
ES	01.04 - 12.05	4	1.3			AKE		DB1142QS			



								Everyday Driving		Demanding Driving
◀ HONDA										
FD	01.06→	4	1.3			AKE			DB1142QS	
	04.06→	4	2.0			AKE			DB1142QS	
CR-V										
	10.95 - 01.99	4	2.0						DB1206QS	
	09.96 - 11.00	4	2.0						DB1481QS	
	02.99 - 12.01	4	2.0						DB1206QS	
	05.04→	4	2.4						DB1481QS	
	09.04→	4	2.4						DB1481QS	
HR-V										
GH	12.98 - 12.01	4	1.6			AKE			DB1206QS	
	12.98 - 12.05	4	1.6			AKE			DB1206QS	
Integra										
	06.86 - 05.89	4	1.6						DB429QS	
DA	06.89 - 07.93	4	1.8						DB1133QS	DB1163QS
	08.93 - 10.99	4	1.8						DB1206QS	DB1265QS
	07.01 - 03.05	4	2.0						DB1481QS	
Integra Type-R										
DC	01.98 - 10.01	4	1.8			AKE			DB1206QS	DB1142QS
Jazz										
GD	03.02→	4	1.3						DB1262QS	DB1230QS
						AKE				DB430QS
	09.02 - 10.07	4	1.5						DB1262QS	DB1230QS
						AKE				DB430QS
Legend										
KA/HS	05.86 - 12.87	6	2.5						DB1133QS	
	01.87 - 02.91	6	2.7						DB1133QS	DB1142QS
	10.87 - 02.91	6	2.7			AKE				DB437QS
						WW				DB1230QS
KA	03.91 - 04.96	6	3.2						DB1206QS	
	01.96 - 04.98	6	3.5						DB1206QS	DB1230QS
				01.96 - 12.97		AKE				DB1142QS
				01.98 - 04.98		AKE				DB1230QS
	04.98 - 12.04	6	3.5						DB1206QS	
						AKE				DB1230QS
MDX										
YD1	03.03→	6	3.5						DB1481QS	
NSX										
NA	06.90 - 12.96	6	3.0						DB1206QS	DB1265QS
						AKE				DB1142QS
	06.90 - 06.00	6	3.0						DB1206QS	DB1265QS
				06.90 - 12.96		AKE				DB1142QS
	09.90→	6	3.0						DB1481QS	
NA	01.97 - 09.05	6	3.2							DB1265QS
NSX-T										
NA	01.95 - 01.05	6	3.0	01.95 - 12.96		AKE				DB1142QS
	01.97 - 09.05	6	3.2							DB1265QS
Odyssey										
RA	06.95 - 12.97	4	2.2						DB1206QS	DB1230QS
	01.98 - 02.00	4	2.3						DB1206QS	DB1230QS
	03.00→	6	2.3							DB1230QS
										DB1230QS
	10.03 - 03.05	4	2.4						DB1481QS	





Prelude						
AB	01.84 - 12.85	4	1.8			DB300QS
	01.86 - 09.87	4	2.0			DB1133QS
BA	04.87 - 01.92	4	2.0	AKE		DB1163QS
	10.87 - 12.91	4	2.0			DB430QS
BB	12.91 - 12.96	4	2.2			DB1133QS
	01.94 - 12.96	4	2.2			DB1265QS
	03.95 - 12.96	4	2.3			DB1265QS
	01.97→	4	2.2			DB1265QS

S2000						
	04.99→	4	2.0			DB1452QS
				AKE		DB1265QS
						DB1230QS

HSV (HOLDEN SPECIAL VEHICLES)

Avalanche Utility						
VY II	03.04 - 09.04	8	5.7			DB1331QS
VZ	10.04 - 12.05	8	5.7			DB1332QS

Avalanche Wagon						
VY II	12.03 - 09.04	8	5.7			DB1331QS
VZ	10.04 - 12.05	8	5.7			DB1332QS

Avalanche XUV						
VZ	10.04 - 12.05	8	5.7			DB1331QS
						DB1332QS

Clubsport						
VN	08.88 - 10.91	8	5.0			DB1085QS
VP	11.91 - 07.93	8	5.0			DB1086QS
VR	06.93 - 04.95	8	5.0			DB1085QS
VS	05.95 - 08.97	8	5.0			DB1086QS
VT	09.97 - 05.99	8	5.0			DB1085QS
VT II	06.99 - 08.00	8	5.7			DB1331QS
VX	09.00 - 08.02	8	5.7			DB1332QS
VY	09.02 - 08.03	8	5.7			DB1331QS
VY II	09.03 - 09.04	8	5.7			DB1332QS
VZ	10.04 - 07.06	8	6.0			DB1331QS
						DB1332QS






Clubsport R8						
VT II	06.99 - 08.00	8	5.7			DB1331QS
VX	06.00 - 08.02	8	5.7			DB1332QS
VY	09.02 - 08.03	8	5.7			DB1331QS
VY II	09.03 - 09.04	8	5.7			DB1332QS
VZ	10.04 - 07.06	8	6.0			DB1331QS
						DB1332QS

Coupe GTO						
V2	09.00 - 01.03	8	5.7			DB1331QS
V2 II	02.03 - 08.03	8	5.7			DB1332QS
V2 III	09.03 - 09.04	8	5.7			DB1331QS
VZ	10.04 - 12.06	8	6.0			DB1332QS

Coupe GTS						
V2	09.00 - 01.03	8	5.7			DB1331QS
V2 II	02.03 - 02.04	8	5.7			DB1332QS
V2 III	03.04 - 12.04	8	5.7			DB1331QS
						DB1332QS

Coupe4						
V2 III	06.04 - 09.04	8	5.7			DB1331QS
VZ	10.04 - 12.05	8	5.7			DB1332QS



				 Everyday Driving		 Demanding Driving	
				 QikStep		 Ultra	
◀ HSV 							
Grange							
VS	05.95 - 05.99	8	5.0	DB1085QS	DB1086QS		
			5.7	DB1085QS	DB1086QS		
WH	06.99 - 09.00	8	5.7	DB1331QS	DB1332QS		
	10.00 - 08.01	8	5.7	DB1331QS	DB1332QS		
WH II	09.01 - 08.03	8	5.7	DB1331QS	DB1332QS		
WK	09.03 - 09.04	8	5.7	DB1331QS	DB1332QS		
WL	10.04 - 12.06	8	6.0	DB1331QS	DB1332QS		
Group A							
VN	06.91 - 12.91	8	5.0	DB1085QS	DB1086QS		
Group A (Walkinshaw)							
VL	02.88 - 12.88	8	5.0	DB1085QS	DB1086QS		
GTS							
VP	11.91 - 07.93	8	5.0	DB1085QS	DB1086QS		
VR	06.93 - 04.95	8	5.7	DB1085QS	DB1086QS		
VS	05.95 - 08.97	8	5.7	DB1085QS	DB1086QS		
VT II	06.99 - 08.00	8	5.7	DB1331QS	DB1332QS		
VX	09.00 - 08.02	8	5.7	DB1331QS	DB1332QS		
VY	09.02 - 09.04	8	5.7	DB1331QS	DB1332QS		
Maloo							
VG	08.88 - 10.91	8	5.0	DB1331QS	DB1332QS		
VR	06.93 - 04.95	8	5.0	DB1085QS	DB1086QS		
VS	05.95 - 12.00	8	5.0	DB1085QS	DB1086QS		
VU	03.01 - 08.01	8	5.7	DB1331QS	DB1332QS		
VU II	09.01 - 09.02	8	5.7	DB1331QS	DB1332QS		
VY	10.02 - 08.03	8	5.7	DB1331QS	DB1332QS		
VY II	09.03 - 09.04	8	5.7	DB1331QS	DB1332QS		
VZ	10.04 →	8	6.0	DB1331QS	DB1332QS		
Maloo R8							
VU	03.01 - 08.01	8	5.7	DB1331QS	DB1332QS		
VU II	09.01 - 09.02	8	5.7	DB1331QS	DB1332QS		
VY	10.02 - 08.03	8	5.7	DB1331QS	DB1332QS		
VY II	09.03 - 09.04	8	5.7	DB1331QS	DB1332QS		
VZ	10.04 →	8	6.0	DB1331QS	DB1332QS		
Senator							
VP	11.91 - 07.93	8	5.0	DB1085QS	DB1086QS		
VR	06.93 - 04.95	8	5.0	DB1085QS	DB1086QS		
			5.7	DB1085QS	DB1086QS		
VS	05.95 - 08.97	8	5.0	DB1085QS	DB1086QS		
			5.7	DB1085QS	DB1086QS		
VT	09.97 - 05.99	8	5.0	DB1331QS	DB1332QS		
			5.7	DB1331QS	DB1332QS		
VT II	06.99 - 08.00	8	5.7	DB1331QS	DB1332QS		
VX	09.00 - 08.02	8	5.7	DB1331QS	DB1332QS		
VY	09.02 - 06.03	8	5.7	DB1331QS	DB1332QS		
	10.02 - 08.03	8	5.7	DB1331QS	DB1332QS		
VY II	09.03 - 09.04	8	5.7	DB1331QS	DB1332QS		
VZ	10.04 - 07.06	8	6.0	DB1331QS	DB1332QS		
SV6000							
VZ	10.04 - 07.06	6	6.0	DB1331QS	DB1332QS		
XU6							
VT	09.97 - 08.00	6	3.8	DB1331QS	DB1332QS		
VX	09.00 - 08.02	6	3.8	DB1331QS	DB1332QS		
VY	09.02 - 06.03	6	3.8	DB1331QS	DB1332QS		





HYUNDAI

Accent						
LC	05.00 - 02.03	4	1.5	AKE	DB1252QS	
	10.01 →	4	1.6	AKE	DB1252QS	
LC	03.03 - 03.06	4	1.6	AKE	DB1252QS	
Coupe						
RD	05.96 - 09.01	4	2.0	AKE	DB1252QS	
				SUM	DB1167QS	
	07.97 - 09.01	4	1.8	AKE	DB1252QS	
				SUM	DB1167QS	
Elantra						
XD	06.00 →	4	1.8		DB1503QS	
				SUM		DB1166QS
			2.0	06.00 - 09.01	SUM	DB1167QS
					DB1503QS	
				SUM		DB1166QS
				06.00 - 09.01	SUM	DB1167QS
Excel						
X2	02.90 - 07.94	4	1.5	AKE	DB1252QS	
X3	07.94 - 07.99	4	1.5	AKE	DB1252QS	
	11.95 - 07.99	4	1.5	AKE	DB1252QS	
Getz						
TB	03.03 - 09.05	4	1.3	AKE	DB1252QS	
	05.03 - 08.05	3	1.5	AKE	DB1252QS	
	09.05 →	4	1.4		DB1252QS	
				AKE	DB1252QS	
	10.05 →	4	1.6	AKE	DB1252QS	
Lantra						
J1	10.90 - 04.95	4	1.6		DB1167QS	
				SUM		DB1166QS
	06.92 - 04.95	4	1.8	05.93 - 04.95	ABS,SUM	DB1167QS
					SUM	DB1166QS
				05.93 - 04.95	ABS,SUM	DB1166QS
J2	05.95 - 09.00	4	1.8	AKE	DB1252QS	
				SUM	DB1167QS	DB1166QS
	08.95 - 02.01	4	1.8	SUM	DB1308QS	
	08.96 - 09.00	4	2.0	AKE	DB1252QS	
				SUM	DB1167QS	DB1166QS
Santa Fe						
SM	02.00 - 12.05	4	2.4		DB1450QS	DB1451QS
Scoupe						
	02.90 - 06.92	4	1.5	02.90 - 12.90	AKE	DB1252QS
	07.92 - 04.95	4	1.5		AKE	DB1252QS
Sonata						
Y2	01.89 - 10.93	4	2.4			DB437QS
				01.89 - 02.91	AKE	DB1165QS
				03.91 - 10.93	SUM	DB1167QS
	09.89 - 06.93	6	3.0			DB437QS
				09.89 - 02.91	AKE	DB1165QS
				03.91 - 06.93	SUM	DB1167QS
NF	02.01 →	6	2.4		DB1167QS	
	05.04 →	6	2.7		DB1167QS	DB1451QS
Sonata II						
Y3	07.93 - 04.96	4	2.0			DB437QS
				SUM	DB1167QS	



								Everyday Driving		Demanding Driving
								QikStep	Ultra	
HYUNDAI										
Y3	07.93 - 06.98	6	3.0							DB437QS
				SUM				DB1167QS		
	05.96 - 06.98	4	2.0							DB437QS
				SUM				DB1167QS		
Sonata III										
EF	03.98 - 03.01	6	2.5					DB1167QS	DB1451QS	
Sonata IV										
	01.01 - 09.04	4	2.0					DB1167QS	DB1451QS	
EF	04.01 - 11.04	6	2.7						DB1451QS	DB437QS
				07.01 - 11.04	MND			DB1167QS		
Sonata V										
NF	12.04→	6	3.3					DB1167QS		
Terracan										
HP	07.01 - 10.06	6	3.5						DB1451QS	
	11.03→	4	2.9						DB1451QS	
Tiburon										
RD	04.96→	4	1.5	ABO, AKE				DB1252QS		
				ABS, SUM				DB1167QS		
				AKE				DB1252QS		
	05.96→	4	2.0	AKE				DB1252QS		
				SUM				DB1167QS		
GK	03.02 - 12.03	4	2.0	MND				DB1167QS		
				SUM					DB1166QS	
	03.02→	6	2.7	MND				DB1167QS		
				SUM					DB1166QS	
Trajt										
FO	01.00→	6	2.7					DB1450QS	DB1451QS	
Tucson										
JM	08.04→	6	2.7						DB1451QS	
JAGUAR										
XJS										
	09.75 - 09.91	12	5.3	Chassis 139052→179736				DB585QS		DB585UL
				GIR						
	03.92 - 09.96	12	6.0	Chassis 179737→226645				DB585QS		DB585UL
				GIR						
XJ6										
	03.79 - 10.86	6	4.2	GIR				DB585QS		DB585UL
	10.86 - 08.89	6	3.6	GIR						DB1225WUL
	09.89 - 09.94	6	4.0					DB1242QS		
	10.90 - 09.94	6	3.2					DB1242QS		
	10.94 - 12.98	6	4.0					DB1242QS		
XJ8										
	09.97 - 01.03	8	3.2					DB1242QS		
XJ12										
	05.75 - 07.81	12	5.3						DB521QS	
				GIR				DB585QS		DB585UL
	07.81 - 09.94	12	5.3						DB521QS	
				GIR				DB585QS		DB585UL

						Everyday Driving		Demanding Driving		
						DiA/Stop		Ultra		
XK8										
QDV	03.96 - 09.02	8	4.0			DB1242QS				
	03.03→	8	4.2			DB1242QS				
JEEP										
Cherokee										
	01.94 - 12.98	6	4.0		KEL	DB1311QS		DB1311UL		
XJ	01.95 - 04.01	6	4.0		KEL	DB1311QS				
				01.95 - 12.98	KEL			DB1311UL		
	10.95 - 12.01	4	2.5		KEL	DB1311QS		DB1311UL		
Wrangler										
TJ	01.97→	6	4.0		KEL	DB1311QS		DB1311UL		
				01.97 - 12.97	KEL			DB1311UL		
				01.01 - 12.01	KEL			DB1311UL		
KIA										
Carnival										
UP	06.98 - 09.01	6	2.5		KEL	DB1311QS		DB1311UL		
Credos										
	02.98 - 07.00	4	2.0					DB1466QS		
Mentor										
FX	01.98 - 12.00	4	1.5			DB1335QS		DB1466QS		
			1.8			DB1335QS		DB1466QS		
Optima										
	07.00 - 04.02	6	2.5			DB1167QS		DB1451QS		
Rio										
DC	07.00 - 02.05	4	1.5	07.00 - 07.02	SUM	DB1158QS				
Shuma										
FB	01.98 - 12.00	4	1.8			DB1335QS				
Sorento										
	01.01→	4	1.8			DB1335QS		DB1466QS		
					ATE	DB1507QS				
JC	03.03→	6	3.5			DB1450QS				
LADA										
Niva										
	12.76 - 12.96	4	1.6		BSY			DB195UL		
	01.87 - 03.95	4	1.6		BSY			DB195UL		
	01.93 - 12.99	4	1.7		BSY			DB195UL		
Samara										
	07.88 - 09.90	4	1.3		GIR			DB1136UL		



LAND ROVER GROUP

Defender									
08.90 - 12.01	4	2.5	Chassis HA 701010→ KA 930455 DEP					DB1127UL	
			Chassis LA 930456→ DEP					DB1127UL	
			Chassis 2A 000001→ DEP					DB1127UL	
06.98 - 07.07	5	2.5	DEP					DB1127UL	
Discovery									
09.89 - 09.94	4	2.5	BVA,DEP				DB1176QS		DB1176WUL
			DEP						DB1285UL
			DEP,INB			DB1285QS		DB879UL	DB1285UL
			DEP,INO	DB1176QS				DB1176WUL	
09.89 - 12.98	8	3.5	INO			DB843QS			
			BVA,DEP			DB1176QS			DB1176WUL
			DEP,INB			DB1285QS			DB1285UL
							DB879UL	DB1285UL	
			DEP,INO	DB1176QS				DB1176WUL	
			DEP,OVA			DB1285QS		DB1285UL	
			INO			DB843QS			
10.93 - 12.98	4	2.5	BVA,DEP			DB1176QS			DB1176WUL
			DEP,OVA			DB1285QS			DB1285UL
			INO			DB843QS			
							DB1176QS		
	8	3.9	BVA,DEP			DB1176QS			DB1176WUL
DEP					DB1285QS			DB1285UL	
DEP,INB							DB879UL		
DEP,INO			DB1176QS				DB1176WUL		
			INO			DB843QS			
10.98 - 10.04	5	2.5	GIR	DB1336QS	DB1130QS			DB1130UL	
	8	4.0	GIR	DB1336QS	DB1130QS			DB1130UL	
Land Rover									
10.83 - 07.90	0	3.9	Front axle →22L 09654, 22L 10192→22L 10271 DEP					DB879UL	
			Front axle 22L 09655→ 22L 10191, 22L 10272→ Chassis HA 701009 DEP	DB1176QS					
11.83 - 07.90	8	3.5	Front axle →22L 09654, 22L 10192→22L 10271 DEP					DB879UL	
			Front axle 22L 09655→ 22L 10191, 22L 10272→ Chassis HA 701009 DEP	DB1176QS					
Range Rover									
06.70 - 06.86	8	3.5	Chassis →BA DEP				DB1285QS		
			06.70 - 09.85	Chassis →BA DEP					DB1285UL
			06.70 - 10.85	Chassis →BA DEP					DB869UL
			10.85 - 06.86	Chassis CA→FA 399972 BVA,DEP,INO					DB879UL
04.86 - 12.90	4	2.4	DEP			DB1285QS		DB1285UL	
			04.86 - 09.89	Chassis CA→FA 399972 BVA,DEP,INO					DB879UL
			10.89 - 12.90	Chassis GA 399973→ BVA,DEP,INB	DB1176QS				



							Everyday Driving G1&Stop	Demanding Driving Ultra
01.87 - 09.90	8	3.5		DEP			DB1285QS	DB1285UL
01.87 - 09.89				Chassis CA → FA 399972 BVA, DEP, INO				DB879UL
10.89 - 09.90				Chassis GA 399973 → BVA, DEP, INB		DB1176QS		
11.88 - 08.94	8	3.9		DEP			DB1285QS	DB1285UL
11.88 - 09.89				Chassis CA → FA 399972 BVA, DEP, INO				DB879UL
10.89 - 08.94				Chassis GA 399973 → BVA, DEP, INB		DB1176QS		
09.94 - 09.02	8	4.0		GIR		DB1336QS	DB1130QS	DB1130UL
		4.6		GIR		DB1336QS	DB1130QS	DB1130UL
LEXUS								
ES300								
VCV10	03.92 - 08.96	6	3.0			DB1209QS	DB422QS	
MCV20	08.96 - 07.01	6	3.0	Org. GH-MCV20, Org. TA-MCV20 AKE			DB422QS	
MCV30	07.01 - 07.03	6	3.0			DB1345QS	DB422QS	
LS400								
UCF20	10.94 - 08.00	8	4.0			DB1209QS		
LX470								
UZJ100	01.98 →	8	4.7			DB1365QS		
MAZDA								
B2000								
	08.86 - 12.91	4	2.0			DB409QS		
B2200								
UF	01.90 - 04.95	4	2.2			DB409QS		
B2500								
UF	03.96 - 05.99	4	2.5			DB1326QS		
UN	02.99 - 03.06	4	2.5			DB1366QS		
B2600								
UF	12.86 - 11.89	4	2.6			DB409QS		
	11.89 - 03.96	4	2.6			DB409QS		
	03.96 - 05.99	4	2.6			DB1322QS		
UN	02.99 - 03.06	4	2.6			DB1366QS		
E-Series								
	01.84 - 02.88	4	1.8			DB388QS		
	07.89 - 03.95	4	2.0	AKE		DB388QS		
	07.89 - 04.97	4	2.2	AKE		DB388QS		
Eunos 30X								
EC	12.91 - 10.93	6	1.8	AKE SUM		DB1177QS	DB1159QS	
	11.93 - 01.98	6	1.8	AKE SUM		DB1177QS	DB1159QS	
Eunos 500								
CA	04.94 - 09.96	6	2.0	SUM		DB1255QS	DB1254QS	



					Everyday Driving		Demanding Driving			
					GikStep		Ultra			
MAZDA										
Eunos 800										
TA	09.93 - 06.96	6	2.5	AKE	DB1326QS					
	02.94 - 02.04	6	2.3	AKE	DB1326QS					
	06.96→	6	2.5	AKE	DB1326QS					
Millenia 2.3i 24V Kompressor 4WS										
TA	08.00→	6	2.3	AKE	DB1326QS					
MX-5										
NA	08.89 - 07.92	4	1.6	AKE		DB1180QS				
	08.92 - 08.93	4	1.6	AKE		DB1180QS				
MX-6										
GD	07.87 - 10.88	4	2.2	AKE SUM	DB1114QS		DB1115QS			
	09.89 - 06.91	4	2.2	SUM			DB1115QS			
GE	07.94 - 06.97	6	2.5	Chassis GE*0*2-114306→ GE*0*2-115138	DB1255QS					
				Chassis GE*0*2-115138→ SUM	DB1255QS					
				Chassis →GE*0*2-114306 SUM	DB1255QS					
				SUM			DB1254QS			
Premacy										
CP	02.00→	4	1.8		DB1362QS					
RX-2										
S122A	10.70 - 04.76	2	1.1		DB40QS					
RX-3										
S102A	03.72 - 12.73	2	1.0		DB40QS					
RX-4										
	07.72 - 12.73	2	1.1		DB40QS					
				01.74 - 12.77	2	1.1	DB40QS			
						1.3	DB40QS			
RX-5										
	01.75 - 12.78	2	1.3		DB40QS					
RX-7										
SA	02.79 - 10.83	2	1.1	SUM	DB40QS					
	11.83 - 08.85	2	1.1	SUM	DB138QS					
Tribute										
	12.00→	4	2.0		DB1426QS					
					6	3.0	DB1426QS			
				03.04→	4	2.3	DB1426QS			
3										
BJ	12.00→	4	1.6	SUM	DB1358QS					
	01.01→	4	1.8		DB1362QS	DB1359QS				
BK	07.03→	4	2.0		DB1679QS	DB1665QS				
6										
GG/GY	02.02→	4	2.3	NOR	DB1484QS					
	04.02→	4	2.3	NOR	DB1484QS					
GK	04.02→	4	2.3		DB1682QS					
GG/GY	06.02→	4	2.0		DB1484QS					
					Chassis 161271→	DB1484QS				
					2.3	Chassis →411062 15Z,16Z,B17	DB1484QS			
				08.02→	4	2.3	Chassis 161271→	DB1484QS		



121								
CD	01.76 - 12.79	4	1.8		DB138QS			
	09.77 - 12.79	4	2.0		DB138QS			
DA	12.86 - 12.89	4	1.3		DB442QS			
	04.89 - 10.90	4	1.3	SUM	DB442QS			
DB	11.90 - 10.93	4	1.3	SUM	DB1158QS			
	11.93 - 12.95	4	1.3	SUM	DB1158QS			
			1.5	SUM	DB1158QS			
	11.95 - 11.97	4	1.3		DB1158QS			
DW			1.5		DB1158QS			
	08.96 - 12.99	4	1.3		DB1158QS			
			1.5		DB1158QS			
	01.00 - 12.02	4	1.3		DB1158QS			
			1.5		DB1158QS			
323								
FA	03.77 - 05.78	4	1.3		DB153QS			
	03.78 - 05.80	4	1.4		DB153QS			
BD	07.80 - 08.82	4	1.3	SUM	DB241QS			
			1.5	SUM	DB241QS			
	07.82 - 10.85	4	1.5	SUM	DB241QS			
BD/FA	07.82 - 10.85	4	1.5	SUM	DB241QS			
BF	07.85 - 07.87	4	1.6	AKE		DB1159QS		
				SUM	DB406QS			
BW	01.86 - 01.88	4	1.6	AKE		DB1159QS		
BF	09.87 - 06.89	4	1.6	Chassis BF10*2-105926→		DB1159QS		
				AKE				
				Chassis →BF10*2-105926		DB407QS		
				SUM	DB406QS			
BG	07.89 - 03.91	4	1.8			DB1159QS		
				SUM	DB1158QS			
					DB1177QS			
	07.89 - 12.95	4	1.6			DB1159QS		
				SUM	DB1158QS			
	11.89 - 04.92	4	1.8			DB1159QS		
BA				SUM	DB1177QS			
	04.91 - 05.94	4	1.8	Chassis BG10*2-129711→		DB1159QS		
				AKE				
				Chassis →BG10*2-129711		DB1180QS		
			AKE					
			SUM	DB1158QS				
BA	05.94 - 09.95	4	1.8		DB1177QS	DB1291QS		
		6	2.0		DB1177QS	DB1291QS		
	11.94 - 09.95	4	1.8		DB1177QS			
	08.95 - 09.96	4	1.6			DB1291QS		
			1.8			DB1291QS		
	10.96 - 06.98	4	1.6	SUM	DB1177QS			
			1.8			DB1291QS		
			SUM	DB1177QS				
10.96 - 07.98	6	2.0			DB1291QS			
BJ	05.98 - 10.00	4	1.8			DB1359QS		
				SUM	DB1255QS			
	07.98 - 10.00	4	1.6	Chassis →239450	DB1358QS			
				SUM				
	07.98 - 11.00	4	1.6	SUM	DB1358QS			
	07.99 - 09.03	4	1.8			DB1359QS		
			SUM	DB1255QS				
12.00→	4	1.6	SUM	DB1358QS				
626								
CB	12.78 - 08.82	4	2.0	SUM,WAR	DB191QS			
GC	12.82 - 06.87	4	2.0		DB304QS			
				12.82 - 08.85 Chassis →GC10E1-594719	DB414QS			
				AKE				
	07.85 - 06.87	4	2.0	AKE	DB414QS			
GD	07.87 - 08.89	4	2.2	AKE	DB1114QS			
				SUM		DB1115QS		



					Everyday Driving		Demanding Driving		
					QikStep		Ultra		
◀ MAZDA									
GV	03.88 - 09.89	4	2.2	AKE	DB1114QS				
				SUM		DB1115QS			
GD	09.89 - 09.91	4	2.2	SUM		DB1115QS			
GE	09.91 - 05.94	6	2.5	SUM	DB1255QS	DB1254QS			
	01.92 - 05.94	4	2.0	SUM	DB1255QS	DB1254QS			
	04.92 - 05.94	6	2.5	SUM	DB1255QS	DB1254QS			
	11.92 - 05.94	6	2.5	SUM	DB1255QS	DB1254QS			
	06.94 - 06.97	4	2.0	Chassis GE*0*2-115138→ SUM	DB1255QS				
				Chassis →GE*0*2-114306 SUM	DB1255QS				
				SUM		DB1254QS			
		6	2.5	Chassis GE*0*2-114306→ GE*0*2-115138	DB1255QS				
				Chassis GE*0*2-115138→ SUM	DB1255QS				
				Chassis →GE*0*2-114306 SUM	DB1255QS				
				SUM		DB1254QS			
GF	05.97 - 10.99	4	2.0	Chassis GF**S*-100022→ SUM		DB1254QS			
				SUM	DB1255QS				
	06.97 - 10.99	4	2.0	Chassis GF**S*-100022→ SUM		DB1254QS			
				SUM	DB1255QS				
	11.99→	4	2.0			DB1359QS			
					DB1255QS	DB1359QS			
626 Turbo									
GC	01.86 - 06.87	4	2.0		DB414QS	DB279QS			
GD	10.87 - 08.89	4	2.2	AKE	DB1114QS				
				SUM		DB1115QS			
	09.89 - 09.91	4	2.2		DB1114QS				
				SUM		DB1115QS			
929									
HB	07.83 - 11.86	4	2.0			DB279QS			
MERCEDES-BENZ									
CLK 500 Cabrio									
W209	08.06→	8	5.0	ATE					DB1241UL
CLK 500 Coupe									
W209	08.06→	8	5.0	ATE					DB1241UL
CLK55 AMG									
W208	05.99 - 04.02	8	5.4	ATE,MZH		DB1241QS			DB1241UL
W209	09.02→	8	5.4	Chassis →F 123374 ATE		DB1241QS			DB1241UL
	02.03→	8	5.4	Chassis →F 123374 ATE		DB1241QS			DB1241UL
CLK200									
W208	06.97 - 06.00	4	2.0		DB1330QS			DB1330UL	
CLK200 Kompressor									
W208	06.00 - 01.03	4	2.0	ATE,MZH		DB1241QS			DB1241UL
CLK230 Kompressor									
W208	06.97 - 06.00	4	2.3		DB1330QS			DB1330UL	
	06.98 - 05.00	4	2.3	ATE,MZH		DB1241QS			DB1241UL
	06.00 - 04.02	4	2.3		DB1330QS			DB1330UL	

							Everyday Driving		Demanding Driving
CLK320									
W208	06.98 - 01.03	6	3.2		ATE,MZH			DB1241QS	DB1241UL
CLK430									
W208	08.98 - 04.02	8	4.3		ATE,MZH			DB1241QS	DB1241UL
	09.98 - 01.03	8	4.3		ATE,MZH			DB1241QS	DB1241UL
CLK500									
W209	05.02 - 07.06	8	5.0		ATE			DB1241QS	DB1241UL
	02.03 - 07.06	8	5.0		ATE			DB1241QS	DB1241UL
CL55 AMG									
W215	09.99 - 08.02	8	5.4		BRB WW,XXX			DB1453UL	DB1453UL
CL500									
W215	09.99 - 05.06	8	5.0		BRB WW,XXX			DB1453UL	DB1453UL
CL600									
W215	09.99 - 08.02	12	5.8		BRB WW,XXX			DB1453UL	DB1453UL
C32 AMG Kompressor									
W203	01.01 - 01.04	6	3.2		ATE				DB1241UL
C36 AMG									
W202	01.94 - 05.97	6	3.6		ATE Chassis A 344661→, F 331441→ ATE			DB1241QS	DB1320UL DB1241UL
C43 AMG									
W202	11.97 - 04.00	8	4.3		ATE				DB1241UL
C55 AMG									
W203	02.04→	8	5.4		ATE				DB1241UL
C180									
W202	03.93 - 08.95	4	1.8		ATE,MZH GIR			DB1295UL	DB433UL
					MEH				DB2020UL
	09.95 - 04.00	4	1.8		ATE,MZH GIR			DB1295UL	DB433UL
					MEH				DB2020UL
C180 T-Model									
W202	05.96 - 02.01	4	1.8		GIR			DB1295UL	
C200									
W202	01.94 - 04.00	4	2.0		ATE,MZH GIR			DB1295UL	DB433UL
					MEH				DB2020UL
C200 T-Model									
W202	05.96 - 02.01	4	2.0		GIR			DB1295UL	
C220									
W202	03.93 - 09.96	4	2.2		ATE,MZH GIR			DB1295UL	DB433UL
					MEH				DB2020UL



				Cyl.		/l/oom		?		Everyday Driving QikStep		Demanding Driving Ultra	
◀ MERCEDES-BENZ													
C230													
W202	09.96 - 05.97	4	2.3	ATE,MZH								DB433UL	
				GIR						DB1295UL			
				MEH								DB2020UL	
C230 T-Model													
W202	05.96 - 05.97	4	2.3	GIR						DB1295UL			
C240													
W202	06.97 - 04.00	6	2.4			DB1330QS				DB1330UL			
C240 T-Model													
W202	06.97 - 02.01	6	2.4			DB1330QS				DB1330UL			
C250													
W202	05.93 - 08.95	5	2.5	ATE,MZH								DB433UL	
				GIR						DB1295UL			
				MEH								DB2020UL	
	09.95 - 04.00	5	2.5			DB1330QS				DB1330UL			
C280													
W202	05.93 - 05.97	6	2.8			DB1330QS				DB1330UL		DB1296UL	
				Chassis A 344661→ A 487047, F 331441→ F 576240 ASR,ATE,MEH Chassis →A 344660, →F 331440, Comp. no. Code 805, Comp. no. Code 806 ATE,MZH,OAS								DB433UL	
	06.97 - 04.00	6	2.8			DB1330QS				DB1330UL			
E 500													
W124	07.93 - 06.95	8	5.0	ATE						DB1320UL			
E36 AMG													
W124	03.94 - 06.98	6	3.6	Chassis B 862122→ ATE Chassis →B 862121 ATE						DB1320UL			
										DB1320UL			
E55 AMG													
W210	09.97 - 03.03	8	5.5	ATE,ATP				DB1241QS				DB1241UL	
				ATE,OTP								DB1241UL	
E200 Kompressor													
W210	09.00 - 03.02	4	2.0			DB1330QS				DB1330UL			
E220													
W124	07.93 - 06.95	4	2.2			DB425QS						DB433UL	
	07.93 - 06.97	4	2.2	ATE		DB425QS						DB433UL	
	07.93 - 06.98	4	2.2	ATE		DB425QS						DB433UL	
E220 T-Model													
W124	07.93 - 05.96	4	2.2			DB425QS							
E230													
W210	06.95 - 08.97	4	2.3			DB1330QS				DB1330UL			





E230 T-Model								
W210	05.96 - 08.97	4	2.3	ATE	DB1330QS	DB1241QS	DB1330UL	DB1241UL
E240								
W210	09.97 - 06.99	6	2.4	Chassis →A 379346 ATE,MFD,MZH OFD	DB1330QS	DB1241QS	DB1330UL	DB1241UL
E240 T-Model								
W210	09.97 - 06.99	6	2.4	ATE OFD	DB1330QS	DB1241QS	DB1330UL	DB1241UL
	06.99 - 01.03	6	2.6	ATE	DB1330QS	DB1241QS	DB1330UL	DB1241UL
E280								
W124	07.93 - 06.95	6	2.8	Chassis →124029. B88946 ATE Chassis 124028... AOS,ATE Chassis 124028... ASR,ATE Chassis 124029. B884947→ ATE	DB425QS		DB1320UL	DB433UL DB1296UL DB1320UL
W210	06.95 - 01.03	6	2.8	Chassis →A 379346 ATE,MZH		DB1241QS		DB1241UL
E280 T-Model								
W124	07.93 - 05.96	6	2.8	Chassis F 323056→ ATE Chassis →124008. F242721 ATE Chassis 124008. F242722→ ATE	DB425QS	DB1241QS		DB1241UL DB1320UL DB1320UL
E320								
W124	05.93 - 06.98	6	3.2	Chassis B 862122→ ATE Chassis →B 862121 ATE			DB1320UL	
	07.93 - 06.95	6	3.2	Chassis B 864308→ ATE Chassis →B 864307 ATE			DB1320UL	
	07.93 - 06.98	6	3.2	Chassis B 862122→ ATE Chassis →B 862121 ATE			DB1320UL	
W210	06.95 - 02.97	6	3.2	Chassis →A 379346 ATE,MZH		DB1241QS		DB1241UL
	03.97 - 06.99	6	3.2	Chassis →A 379346 ATE,MZH		DB1241QS		DB1241UL
E430								
W210	09.97 - 06.99	8	4.3	Chassis →A 379346 ATE,MZH		DB1241QS		DB1241UL
	07.99 - 03.02	8	4.3	Chassis →A 379346 ATE,MZH		DB1241QS		DB1241UL



									Everyday Driving		Demanding Driving
◀ MERCEDES-BENZ											
G 320											
W463	12.97→	6	3.2	INB,JUR,PEO INO,PEO,TEX						DB239UL	
										DB239UL	
ML55 AMG											
W163	03.00 - 06.05	8	5.4	BRB WW,XXX						DB1453UL	
										DB1453UL	
ML270 CDI											
W163	11.99 - 06.05	5	2.7	Chassis A 289560→, X 754620→ BRB Chassis A 289560→, X 754620→ WW,XXX						DB1453UL	
										DB1453UL	
ML320											
W163	03.98 - 07.02	6	3.2	Chassis A 289560→, X 754620→ BRB Chassis A 289560→, X 754620→ WW,XXX						DB1453UL	
										DB1453UL	
ML350											
W163	08.02 - 01.03	6	3.7	BRB WW,XXX						DB1453UL	
										DB1453UL	
ML430											
W163	06.98 - 07.02	8	4.3	BRB WW,XXX						DB1453UL	
										DB1453UL	
ML500											
W163	09.01 - 06.05	8	5.0	BRB WW,XXX						DB1453UL	
										DB1453UL	
SLK32 AMG											
W170	06.99 - 03.04	6	3.2	ATE							DB1241UL
SLK200											
W170	09.96 - 01.00	4	2.0					DB1330QS		DB1330UL	
SLK200 Kompressor											
W170	09.96 - 01.00	4	2.0					DB1330QS		DB1330UL	
	02.00 - 03.04	4	2.0					DB1330QS		DB1330UL	
SLK230 Kompressor											
W170	09.96 - 01.00	4	2.3					DB1330QS		DB1330UL	
	02.00 - 03.04	4	2.3					DB1330QS		DB1330UL	
SL280											
W129	07.93 - 05.98	6	2.8	ATE Chassis F 125158→					DB1241QS		DB1241UL
				ATE,OFD							
	06.98 - 08.01	6	2.8	ATE					DB1241QS		DB1241UL
				ATE,OFD						DB1320UL	
				BRB,MFD						DB1453UL	
				MFD,WW,XXX						DB1453UL	
SL320											
W129	06.98 - 08.01	6	3.2	ATE					DB1241QS		DB1241UL
				ATE,OFD						DB1320UL	
				BRB,MFD						DB1453UL	
				MFD,WW,XXX						DB1453UL	

M



SL500							
W129	07.93 - 09.95	8	5.0	ATE Chassis F 125158→ ATE,OFD	DB1241QS	DB1320UL	DB1241UL
	09.95 - 05.98	8	5.0	ATE Chassis F 125158→ ATE,OFD	DB1241QS	DB1320UL	DB1241UL
	06.98 - 08.01	8	5.0	ATE BRB WW,XXX	DB1241QS	DB1453UL DB1453UL	DB1241UL
SL600							
W129	07.93 - 09.95	12	6.0	ATE BRB WW,XXX	DB1241QS	DB1453UL DB1453UL	DB1241UL
	09.95 - 05.98	12	6.0	ATE ATE,ATP,MZH BRB WW,XXX	DB1241QS	DB1453UL DB1453UL	DB1241UL DB1241UL
	06.98 - 08.01	12	6.0	ATE BRB WW,XXX	DB1241QS	DB1453UL DB1453UL	DB1241UL
S280							
W140	06.93 - 09.98	6	2.8	ATE	DB1241QS	DB1284UL	DB1241UL
S320							
W140	06.93 - 09.99	6	3.2	ATE Chassis A 050548→ ATE,FKR	DB1241QS	DB1284UL	DB1241UL
W220	10.98 - 08.02	6	3.2	Chassis →A 316070 BRB		DB1453UL	
				Chassis →A 316070 WW,XXX		DB1453UL	
S420							
W140	06.93 - 09.98	8	4.2	ATE		DB1284UL	DB1241UL
S430							
W220	10.98 - 08.05	8	4.3	Chassis →A 316070 BRB		DB1453UL	
				Chassis →A 316070 BRB,OSS		DB1453UL	
				Chassis →A 316070 OSS,WW,XXX		DB1453UL	
				Chassis →A 316070 WW,XXX		DB1453UL	
S500							
W220	06.00 - 08.05	8	5.0	ATE			DB1241UL
S600							
W140	06.93 - 09.95	12	6.0	ATE		DB1284UL	DB1241UL
	06.93 - 05.96	12	6.0	ATE		DB1284UL	DB1241UL
Vario							
WT2W	09.96 - 01.01	4	4.2	GIR,LUC Rear axle 742.501,505 GIR		DBCVP002UL DBCVP002UL	
	01.01 - 09.06	4	4.2	GIR,LUC Rear axle 742.501,505 GIR		DBCVP002UL DBCVP002UL	



						Everyday Driving		Demanding Driving											
◀ MERCEDES-BENZ																			
Vito																			
W638 TON	11.95 - 09.03	4	2.0	BSY,FDO,JUR															
				BSY,JUR					DB1425QS	DB2008UL									
				BSY,JUR,WW,XXX					DB1425QS	DB2008UL									
			2.3	BSY,FDO,JUR															DB2010UL
				BSY,JUR					DB1425QS	DB2008UL									
				BSY,JUR,WW,XXX					DB1425QS	DB2008UL									
	04.99 - 09.03	4	2.2	BSY,FDO,JUR					DB1425QS	DB2008UL									DB2010UL
				BSY,WW,XXX					DB1425QS	DB2008UL									
				FDO,JUR,WW,XXX					DB1425QS	DB2008UL									
180E																			
W201	09.91 - 04.94	4	1.8																
				ATE															DB1256UL
				WW,XXX															DB328UL
																			DB1256UL
190D																			
W201	04.85 - 08.93	5	2.5																
				ATE															DB1256UL
				WW,XXX															DB328UL
																			DB1256UL
190E																			
W201	10.82 - 09.88	4	2.0																
				ATE															DB1256UL
				WW,XXX															DB328UL
	09.85 - 08.86	4	2.0																DB1256UL
				ATE															DB328UL
				WW,XXX															DB1256UL
	09.86 - 08.89	6	2.6																DB1256UL
				ATE															DB328UL
				WW,XXX															DB1256UL
	09.86 - 08.93	4	2.3																DB1256UL
				ATE															DB328UL
				WW,XXX															DB1256UL
	09.86 - 09.93	4	2.0																DB1256UL
				ATE															DB328UL
				WW,XXX															DB1256UL
	09.89 - 08.92	4	2.3																DB1256UL
				ATE															DB328UL
				WW,XXX															DB1256UL
	03.90 - 08.93	4	1.8																DB1256UL
				ATE															DB328UL
				WW,XXX															DB1256UL
220																			
W115	01.68 - 07.73	4	2.2	ATE					DB2QS	DB11UL									DB2UL
220D																			
W115	01.68 - 01.77	4	2.2	ATE					DB2QS	DB11UL									DB2UL
220E																			
W124	09.92 - 06.93	4	2.2						DB425QS										
				ATE															DB433UL
230CE																			
W123	04.80 - 12.85	4	2.3	ATE					DB243QS	DB2QS		DB243UL							DB2UL
230E																			
W123	04.80 - 12.85	4	2.3	ATE					DB243QS	DB2QS		DB243UL							DB2UL
W124	12.84 - 06.93	4	2.3						DB425QS										
				AOS,ATE															DB433UL
				ASR,ATE															DB1296UL
230TE																			
W123	04.80 - 12.85	4	2.3	ATE					DB243QS	DB2QS		DB243UL							DB2UL
W124	09.85 - 08.93	4	2.3						DB425QS										



							Everyday Driving DB2Qs	Demanding Driving Ultra	
230.4									
W115	08.73 - 12.76	4	2.3			ATE	DB2QS	DB11UL	DB2UL
230.6									
W114	08.73 - 11.76	6	2.3			ATE Chassis →203606	DB2QS	DB11UL	DB2UL
						ATE Chassis 203607→		DB143UL	
						ATE			
240D									
W115	07.73 - 01.77	4	2.4			ATE	DB2QS	DB11UL	DB2UL
W123	02.76 - 11.85	4	2.4			ATE	DB2QS		DB2UL
				02.76 - 07.79		ATE		DB143UL	
				08.79 - 11.85		ATE	DB243QS	DB243UL	
250									
W114	01.68 - 06.72	6	2.5			ATE	DB2QS	DB11UL	DB2UL
	07.72 - 11.76	6	2.8			ATE	DB2QS	DB143UL	DB2UL
250C									
W114	07.72 - 11.76	6	2.8			ATE	DB2QS	DB143UL	DB2UL
250CE									
W114	04.69 - 04.72	6	2.5			ATE	DB2QS	DB11UL	DB2UL
260E									
W124	09.85 - 10.92	6	2.6				DB425QS		
						AOS,ATE			DB433UL
						ASR,ATE			DB1296UL
	09.89 - 09.92	6	2.6				DB425QS		
280									
W114	06.72 - 11.76	6	2.8			ATE	DB2QS	DB143UL	DB2UL
280C									
W114	06.72 - 02.77	6	2.8			ATE	DB2QS	DB143UL	DB2UL
280CE									
W114	06.72 - 01.77	6	2.8			ATE	DB2QS	DB143UL	DB2UL
W123	03.77 - 11.85	6	2.8			ATE	DB2QS	DB143UL	DB2UL
				03.77 - 07.79		ATE		DB143UL	
				08.79 - 11.85		ATE	DB243QS	DB243UL	
280E									
W114	06.72 - 11.76	6	2.8			ATE	DB2QS	DB143UL	DB2UL
W123	02.76 - 11.85	6	2.8			ATE	DB2QS		DB2UL
				02.76 - 07.79		ATE		DB143UL	
				08.79 - 11.85		ATE	DB243QS	DB243UL	
280S									
W108	01.68 - 07.72	6	2.8			ATE		DB11UL	
W116	08.72 - 12.75	6	2.8			ATE	DB2QS	DB143UL	DB2UL
280SE									
W108	01.68 - 12.71	6	2.8			ATE		DB11UL	
W111	01.70 - 12.71	8	3.5			ATE		DB11UL	
W108	03.71 - 08.72	8	3.5			ATE		DB11UL	
W116	09.72 - 07.76	6	2.8			ATE	DB2QS	DB143UL	DB2UL
	08.76 - 07.80	6	2.8			ATE	DB2QS	DB143UL	DB2UL
W126	10.79 - 07.85	6	2.8			AOS,ATE	DB2QS		DB2UL
						ASR,ATE	DB2QS		DB2UL
						ATE	DB243QS	DB243UL	



					Everyday Driving		Demanding Driving		
					QikStep		Ultra		
◀ MERCEDES-BENZ									
280SEL									
W108	03.71 - 08.72	8	3.5	ATE				DB11UL	
280SL									
W113	01.68 - 03.71	6	2.8	ATE				DB11UL	
W107	08.74 - 05.76	6	2.8	ATE		DB2QS			DB2UL
				Chassis →042..007869				DB143UL	
				ATE				DB243UL	
				Chassis 042..007870→	DB243QS			DB243UL	
				ATE					
280SLC									
W107	08.74 - 05.76	6	2.8	ATE		DB2QS			DB2UL
				Chassis →022..008365				DB143UL	
				ATE				DB243UL	
				Chassis 022..008366→	DB243QS			DB243UL	
				ATE					
280TE									
W123	02.76 - 11.85	6	2.8	ATE		DB2QS			DB2UL
				Chassis →004195				DB143UL	
				ATE				DB243UL	
				Chassis 004196→	DB243QS			DB243UL	
				ATE					
300CE									
W124	03.87 - 06.93	6	3.0			DB425QS			
				AOS,ATE					DB433UL
				ASR,ATE					DB1296UL
	09.89 - 12.92	6	3.0	ATE				DB1320UL	
300D									
W123	02.76 - 11.85	5	3.0	ATE		DB2QS			DB2UL
				02.76 - 07.79	ATE			DB143UL	
				08.79 - 11.85	ATE	DB243QS		DB243UL	
W124	01.85 - 06.93	6	3.0			DB425QS			
				ATE					DB433UL
300E									
W124	01.85 - 08.93	6	3.0			DB425QS			
				AOS,ATE					DB433UL
				ASR,ATE					DB1296UL
	09.89 - 06.93	6	2.8			DB425QS			
				AOS,ATE					DB433UL
				ASR,ATE					DB1296UL
300GD									
W460	12.79 - 08.91	5	3.0	PEO				DB239UL	
300SE									
W126	09.85 - 06.91	6	3.0	AOS,ATE		DB2QS			DB2UL
				ASR,ATE		DB2QS			DB2UL
				ATE	DB243QS			DB243UL	
	09.89 - 06.91	6	3.0	AOS,ATE		DB2QS			DB2UL
				ASR,ATE		DB2QS			DB2UL
				ATE	DB243QS			DB243UL	
W140	03.91 - 05.93	6	3.2	ATE		DB1241QS			DB1241UL
				ATE,FLR				DB1284UL	
				Chassis A 023719→				DB1284UL	
				ATE,SSR					
				Chassis A 050548→				DB1284UL	
				ALU,ATE					
				Chassis A 050548→				DB1284UL	
				ATE,FKR					





300SEL									
W109	03.68 - 08.72	8	6.3		ATE			DB11UL	
	01.70 - 07.72	8	3.5		ATE			DB11UL	
300TD									
W123	02.76 - 11.85	5	3.0		ATE		DB2QS		DB2UL
				02.76 - 07.79	ATE			DB143UL	
				08.79 - 11.85	ATE	DB243QS		DB243UL	
W124	09.86 - 08.89	6	3.0			DB425QS			
	09.89 - 06.93	6	3.0			DB425QS			
300TE									
W124	01.86 - 08.92	6	3.0			DB425QS			
320CE									
W124	09.92 - 06.93	6	3.2		Chassis B 862122→			DB1320UL	
					ATE			DB1320UL	
					Chassis →B 862121			DB1320UL	
W124	09.92 - 06.93	6	3.2		Chassis B 864308→			DB1320UL	
					ATE			DB1320UL	
					Chassis →B 864307			DB1320UL	
W124	09.92 - 06.93	6	3.2		ATE			DB1320UL	
					Chassis →B 864307			DB1320UL	
					ATE			DB1320UL	
350SE									
W116	08.72 - 02.76	8	3.5		ATE		DB2QS	DB143UL	DB2UL
350SEL									
W116	01.75 - 02.76	8	3.5		ATE		DB2QS	DB143UL	DB2UL
350SL									
W107	05.71 - 02.76	8	3.5		ATE		DB2QS		DB2UL
					Chassis →043..009599			DB11UL	
					ATE			DB143UL	
	03.76 - 02.80	8	3.5		Chassis 043..009600→			DB143UL	
					ATE			DB143UL	
					ATE		DB2QS		DB2UL
03.76 - 02.80	8	3.5		Chassis →043..009599			DB11UL		
				ATE			DB143UL		
				Chassis 043..009600→			DB143UL		
				ATE			DB143UL		
350SLC									
W107	01.72 - 02.76	8	3.5		ATE		DB2QS		DB2UL
					Chassis →023..005715			DB11UL	
					ATE			DB143UL	
	03.76 - 02.80	8	3.5		Chassis 023..005716→			DB143UL	
					ATE			DB143UL	
					ATE		DB2QS		DB2UL
03.76 - 02.80	8	3.5		Chassis →023..005715			DB11UL		
				ATE			DB143UL		
				Chassis 023..005716→			DB143UL		
				ATE			DB143UL		
380SE / SEL									
W126	12.79 - 08.85	8	3.8		AOS,ATE		DB2QS		DB2UL
					ASR,ATE		DB2QS		DB2UL
					ATE	DB243QS		DB243UL	
380SEC									
W126	10.81 - 07.85	8	3.8		AOS,ATE		DB2QS		DB2UL
					ASR,ATE		DB2QS		DB2UL



					Everyday Driving		Demanding Driving		
					QikStep		Ultra		
◀ MERCEDES-BENZ									
380SL									
W107	07.80 - 08.85	8	3.8	ATE	DB243QS	DB2QS	DB243UL	DB2UL	
400SE									
W140	02.91 - 05.93	8	4.2	ATE			DB1284UL	DB1241UL	
	06.93 - 09.95	8	4.2	ATE			DB1284UL	DB1241UL	
420SEL									
W126	09.85 - 06.91	8	4.2	AOS,ATE		DB2QS		DB2UL	
				ASR,ATE		DB2QS		DB2UL	
				ATE	DB243QS		DB243UL		
450SE									
W116	01.73 - 11.75	8	4.5	ATE			DB143UL		
				ATE,BSY		DB2QS		DB2UL	
	12.75 - 04.80	8	4.5	ATE			DB143UL		
				ATE,BSY		DB2QS		DB2UL	
450SEL									
W116	01.73 - 11.75	8	4.5	ATE			DB143UL		
				ATE,BSY		DB2QS		DB2UL	
	07.75 - 03.80	8	6.8	ATE			DB143UL		
				ATE,BSY		DB2QS		DB2UL	
12.75 - 04.80	8	4.5	ATE			DB143UL			
			ATE,BSY		DB2QS		DB2UL		
450SL									
W107	01.73 - 11.75	8	4.5	ATE		DB2QS		DB2UL	
				Chassis →044..062584				DB143UL	
				ATE					
	12.75 - 10.80	8	4.5	Chassis 044..062585→	DB243QS			DB243UL	
				ATE		DB2QS		DB2UL	
				Chassis →044..062584				DB143UL	
ATE	Chassis 044..062585→	ATE	DB243QS			DB243UL			
450SLC									
W107	01.73 - 11.75	8	4.5	ATE		DB2QS		DB2UL	
				Chassis →024..030280				DB143UL	
				ATE					
	12.75 - 09.80	8	4.5	Chassis 024..030281→	DB243QS			DB243UL	
				ATE		DB2QS		DB2UL	
				Chassis →024..030280				DB143UL	
ATE	Chassis 024..030281→	ATE	DB243QS			DB243UL			
500SE									
W140	02.91 - 05.93	8	5.0	ATE			DB1284UL	DB1241UL	
500SEC									
W126	10.81 - 08.85	8	5.0	AOS,ATE		DB2QS		DB2UL	
				ASR,ATE		DB2QS		DB2UL	
W140	10.92 - 05.93	8	5.0	ATE			DB1284UL	DB1241UL	
500SEL									
W140	02.91 - 05.93	8	5.0	ATE			DB1284UL	DB1241UL	
500SL									
W129	09.89 - 08.92	8	5.0	ATE			DB1320UL		



								Everyday Driving		Demanding Driving
560SEC										
W126	10.85 - 06.91	8	5.6		AOS,ATE			DB2QS		DB2UL
					ASR,ATE			DB2QS		DB2UL
					ATE	DB243QS			DB243UL	
560SEL										
W126	10.85 - 06.91	8	5.6		AOS,ATE			DB2QS		DB2UL
					ASR,ATE			DB2QS		DB2UL
					ATE	DB243QS			DB243UL	
560SL										
W107	09.85 - 08.89	8	5.6		ATE			DB2QS	DB1183UL	DB2UL
600SEL										
W140	04.91 - 05.93	12	6.0		ATE				DB1284UL	DB1241UL
600SL										
W129	07.92 - 06.93	12	6.0		ATE			DB1241QS		DB1241UL
					BRB				DB1453UL	
					WW,XXX				DB1453UL	
MG										
MGF										
	10.95 - 03.02	4	1.8		GIR				DB2074UL	
MGTF										
	03.02 - 05.05	4	1.8		GIR				DB2074UL	
ZR										
	10.01 - 05.05	4	1.8		AKE			DB430QS		
					GIR				DB1360UL	
ZS										
	10.01 - 05.05	6	2.5		AKE			DB430QS		
					GIR				DB1360UL	
MITSUBISHI										
Challenger										
PA	02.98→	6	3.0					DB1223QS		
Colt										
RB	10.82 - 03.84	4	1.4					DB1103QS		
RC	04.84 - 12.85	4	1.4					DB1103QS		
RD	01.86 - 08.88	4	1.4					DB1103QS		
RE	09.88 - 12.90	4	1.4					DB1103QS		
CZ	04.04→	4	1.5		GIR				DB1381UL	DB1382UL
	01.05→	4	1.5		GIR				DB1381UL	DB1382UL
Cordia										
AA, AB	04.83 - 10.84	4	1.6					DB1103QS		
	11.84 - 12.85	4	1.8					DB1103QS		
AC	01.86 - 12.89	4	1.8					DB319QS		
Cordia Turbo										
AA, AB	05.84 - 12.85	4	1.8					DB1103QS		
AC	01.86 - 12.89	4	1.8					DB319QS		
Express										
MA	03.80 - 12.81	4	1.6					DB297QS		
SA	03.80 - 12.81	4	1.6					DB297QS		





Lancer 2.0i Turbo Evo7					
CS/CT	12.00 - 12.03	4	2.0	AKE,FSB	DB1223QS
L200					
K0/K1/K2/K3	06.90 - 05.91	6	3.0	SUM	DB1113QS
L300					
P	11.86 - 10.88	4	2.4	SUM	DB1113QS
	11.88 - 05.94	4	2.4	SUM	DB1113QS
	11.90 - 05.96	4	2.4	SUM	DB1113QS
Magna / Verada					
TM	04.85 - 03.87	4	2.6		DB319QS
TN	04.87 - 05.89	4	2.6		DB319QS DB1104QS
TP	06.89 - 04.92	4	2.6		DB319QS
TR	04.91 - 02.94	4	2.6		DB1203QS DB1204QS
KR	07.91 - 02.94	6	3.0		DB1203QS DB1204QS
TR	10.91 - 02.94	4	2.6		DB1203QS DB1204QS
	04.93 - 02.94	6	3.0		DB1203QS DB1204QS
KS	03.94 - 09.96	6	3.0		DB1203QS DB1204QS
TS	03.94 - 12.96	4	2.6		DB1203QS DB1204QS
	03.94 - 02.97	4	2.6		DB1203QS DB1204QS
		6	3.0		DB1203QS DB1204QS
TE	04.96 - 05.97	4	2.4		DB1203QS DB1204QS
		6	3.0		DB1223QS
				TW	DB1238QS DB1239QS
KE	10.96 - 05.97	6	3.5		DB1203QS DB1204QS
KF	06.97 - 03.99	6	3.5		DB1203QS DB1204QS
TF	06.97 - 03.99	4	2.4		DB1203QS DB1204QS
		6	3.0		DB1223QS DB1238QS
				TW	DB1239QS
KH	04.99 - 07.00	6	3.5		DB1203QS DB1204QS
TH	04.99 - 07.00	6	3.0	TW	DB1203QS DB1204QS DB1238QS DB1239QS
			3.5	TW	DB1223QS DB1204QS DB1238QS DB1239QS
					DB1223QS DB1204QS
KJ	08.00 - 07.01	6	3.5		DB1203QS DB1204QS
TJ	08.00 - 06.02	6	3.0		DB1203QS DB1204QS
			3.5		DB1203QS DB1204QS
KJ II	07.02 - 05.03	6	3.5		DB1203QS DB1204QS
TJ II	07.02 - 06.03	6	3.5		DB1203QS DB1204QS
KJ II	12.02 - 07.03	6	3.5		DB1203QS DB1204QS
TJ II	12.02 - 01.04	6	3.5		DB1203QS DB1204QS
KL	06.03 - 09.04	6	3.5		DB1203QS DB1204QS
TL	06.03 - 09.04	6	3.5		DB1203QS DB1204QS
KL	08.03 - 09.04	6	3.5		DB1203QS DB1204QS
TL	02.04 - 09.04	6	3.5		DB1203QS DB1204QS
KW	10.04 - 09.05	6	3.5		DB1203QS DB1204QS
TW	10.04 - 09.05	6	3.5		DB1203QS DB1204QS
Mirage					
	01.93→	4	1.5		DB1277QS
Nimbus					
UA	05.84 - 12.85	4	1.8		DB319QS
UB	01.86 - 08.87	4	1.8		DB319QS
UC	09.87 - 11.91	4	2.0		DB319QS
UF	01.92 - 11.98	4	2.4		DB1249QS
UG	12.98→	4	2.4		DB1223QS DB1231QS
Outlander					
	09.03→	4	2.4	AKE	DB1223QS





◀ MITSUBISHI

Pajero

L	12.82 - 04.86	4	2.3			DB170QS		
NA/NB/NC/ND/NE/NF/NG	12.82 - 04.91	4	2.6			DB1113QS		
L	05.86 - 10.89	4	2.5	06.87 - 10.89	SUM	DB1113QS		
	05.86 - 06.91	4	2.5	06.87 - 06.91	SUM	DB1113QS		
NF/NG	09.88 - 04.91	6	3.0			DB1113QS		
L	11.89 - 06.91	4	2.5		SUM	DB1113QS		
V	12.90 - 06.00	4	2.5		AKE	DB1223QS	DB1231QS	
	04.91 - 07.93	4	2.5		SUM	DB1113QS		
NH/NJ/NK	05.91 - 08.97	6	3.0			DB1223QS	DB1231QS	
NJ/NK/NL	11.93 - 02.00	6	3.5			DB1223QS	DB1231QS	
V	11.93 - 04.00	4	2.8		AKE	DB1223QS	DB1231QS	
	06.94 - 05.99	4	2.8		AKE	DB1223QS		
NM	01.00→	6	3.5			DB1388QS	DB1464QS	
					AKE		DB1231QS	
					WW		DB1464QS	
V	02.00→	4	3.2			DB1388QS	DB1464QS	

Pajero iO

H	06.98 - 08.01	4	1.8		AKE		DB1239QS	
	07.00→	4	2.0		AKE		DB1239QS	

Sigma

GE	10.77 - 04.80	4	1.6			DB85QS		
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Sigma Scorpion

GJ, GK, GL	11.80 - 10.85	4	2.6			DB1085QS		
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Starwagon

	01.86 - 12.90	4	2.0			DB1113QS		
			2.4			DB1113QS		
	01.90 - 12.91	4	2.0			DB1113QS		
			2.4			DB1113QS		

Triton

ME	10.86 - 06.88	4	2.5			DB1113QS		
			2.6			DB1113QS		
MF	07.88 - 08.89	4	2.5			DB1113QS		
			2.6			DB1113QS		
MG	09.89 - 08.90	4	2.5			DB1113QS		
			2.6			DB1113QS		
MH	09.90 - 07.92	4	2.5			DB1113QS		
			2.6			DB1113QS		
MJ	10.90 - 09.96	6	3.0			DB1113QS		
	08.92 - 09.96	4	2.5			DB1113QS		
			2.6			DB1113QS		
MK	10.96 - 12.02	4	2.8			DB1297QS		
	10.96 - 12.03	4	2.4			DB1297QS		
	10.96→	4	2.8			DB1297QS		
		6	3.0			DB1297QS		
	01.03→	4	2.8			DB1297QS		
	01.04→	6	3.0			DB1297QS		

3000 GT

	10.92 - 09.97	6	3.0		AKE		DB1239QS	
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NISSAN

Bluebird

910	04.81 - 05.83	4	2.0			DB225QS	DB1094QS	
	06.83 - 01.85	4	2.0			DB1091QS	DB1094QS	
						DB225QS	DB1094QS	
	02.85 - 06.86	4	2.0			DB1091QS	DB1094QS	
U13	07.93 - 09.97	4	2.4			DB1232QS	DB1247QS	

									Everyday Driving		Demanding Driving
Cefiro											
A32	01.98 - 06.01	6	3.0					DB1232QS			
							SUM			DB1247QS	
Datsun Stanza											
A10	05.78 - 12.83	4	1.6				WW	DB1091QS			
								DB225QS			
Datsun Sunny											
B310	08.78 - 12.79	4	1.2					DB39QS			
Datsun 120Y											
B210	07.73 - 07.78	4	1.2					DB39QS			
Datsun 180B											
610	08.71 - 11.77	4	1.8				SUM	DB122QS			
Datsun 260Z											
S30	08.73 - 06.78	6	2.6					DB86QS			
Datsun 1200											
B110	01.72 - 02.77	4	1.2					DB39QS			
Exa											
	10.83 - 02.86	4	1.5				WW	DB225QS			
	03.86 - 06.87	4	1.5				WW	DB293QS			
								DB225QS			
								DB293QS			
N13	11.86 - 10.87	4	1.6					DB1117QS			
KEN13	10.87 - 10.90	4	1.8					DB1117QS			
GT-R											
	01.91 - 12.93	6	2.6					DB1170QS		DB1220QS	
Maxima											
J30	02.90 - 06.94	6	3.0				TW	DB1187QS			
								DB1232QS			
A32	10.94 - 01.00	6	3.0			10.94 - 08.95	SUM			DB1247QS	
						10.94 - 08.97	SUM	DB1308QS			
						09.95 - 01.00				DB1247QS	
						09.97 - 01.00	ABO,SUM	DB1308QS			
	02.95 - 09.99	6	3.0					DB1308QS		DB1247QS	
CA33	01.00→	6	3.0							DB1247QS	
							WW	DB1232QS			
								DB1308QS			
J31	07.06→	6	3.5					DB1485QS		DB1493QS	
Navara											
D21	09.85 - 02.92	4	2.4			08.87 - 09.87		DB340QS			
	09.85 - 09.95	4	2.0			08.87 - 09.87		DB340QS			
	03.92 - 01.97	4	2.4					DB438QS			
D22	02.97→	4	2.4					DB340QS			
NX											
B13	08.90 - 10.93	4	2.0							DB1211QS	
							WW	DB1216QS			
								DB1281QS			
Pathfinder											
D21	08.86 - 07.92	4	2.4							DB1175QS	
							WW	DB340QS			
								DB438QS			
	09.90 - 12.92	4	2.4				WW	DB340QS			
								DB438QS			



				Cyl.		/room		?		Everyday Driving QikStep		Demanding Driving Ultra	
◀ NISSAN													
D21	07.92 - 07.95	6	3.0							DB438QS	DB1175QS		
R50	09.95→	6	3.3							DB1333QS			
Patrol													
160	11.79 - 08.88	6	3.3	11.79 - 06.84						DB321QS			
				07.84 - 06.85	SUM					DB321QS			
			4.0	11.79 - 06.84						DB321QS			
				07.84 - 06.85	SUM					DB321QS			
	07.80 - 08.88	6	2.8	07.80 - 06.84						DB321QS			
				07.84 - 06.85	SUM					DB321QS			
Y60	08.87 - 09.97	6	4.2							DB321QS	DB1146QS		
260	11.87 - 03.89	6	3.2		SUM					DB321QS			
	02.88 - 12.95	6	4.2							DB321QS			
	04.90 - 11.97	6	3.0							DB321QS			
Y60	04.90 - 11.97	6	3.0							DB321QS	DB1146QS		
	01.92 - 12.95	6	4.2							DB321QS			
Y60	02.92 - 11.97	6	4.2							DB321QS	DB1146QS		
	10.94 - 09.97	6	2.8							DB321QS	DB1146QS		
Y61	08.97→	6	4.5		TW					DB1148QS			
										DB1361QS			
	10.97 - 02.00	6	2.8		TW					DB1148QS			
										DB1361QS			
	10.97→	6	4.2		TW					DB1148QS			
										DB1361QS			
	02.00→	4	3.0		TW					DB1148QS			
										DB1361QS			
	08.04→	6	4.8							DB1361QS			
Pintara													
R31	06.86 - 12.90	4	2.0							DB1105QS	DB1106QS		
U12	08.89 - 10.92	4	2.0							DB1165QS			
			2.4							DB1165QS			
Pulsar													
N10	09.80 - 07.81	4	1.4							DB39QS			
	08.81 - 03.82	4	1.3							DB39QS			
			1.5							DB39QS			
N12	04.82 - 02.86	4	1.5							DB1103QS	DB1104QS		
	06.86 - 07.87	4	1.6		WW					DB225QS			
										DB293QS			
N13	08.87 - 10.91	4	1.6							DB1117QS	DB1118QS		
			1.8							DB1117QS	DB1118QS		
N14	08.91 - 05.95	4	1.6							DB1211QS	DB1211QS		
			2.0							DB1148QS	DB1211QS		
N15	08.95 - 06.00	4	1.6							DB1281QS			
					AKE						DB1247QS		
			2.0							DB1281QS			
					SUM						DB1247QS		
	10.95 - 10.99	4	1.6							DB1302QS			
N16	07.00→	4	1.6		WW					DB1165QS			
										DB1454QS			
			1.8		WW					DB1165QS			
										DB1454QS			
Skyline													
C210	10.77 - 07.81	6	2.4		WW					DB225QS			
										DB86QS			
R30	08.81 - 08.85	6	2.4							DB225QS			
R31	07.86 - 12.90	6	3.0							DB1165QS			
Terrano													
R20	11.96 - 12.99	4	2.4								DB1175QS		
	11.96→	4	2.7								DB1175QS		
Urvan													
E23	01.82 - 12.86	4	2.0							DB321QS			
	04.82 - 01.87	4	2.3							DB321QS			
					SUM					DB321QS			



						Everyday Driving		Demanding Driving													
E24	11.86 - 06.97	4	2.4							DB321QS											
			2.7							DB321QS											
Vanette																					
C120	10.78 - 05.81	4	1.4			SUM				DB122QS											
	10.78 - 06.87	4	1.2	10.78 - 05.81		SUM				DB122QS											
200SX																					
S13	09.88 - 12.93	4	1.8			TW				DB1187QS											
				09.88 - 09.91		AKE,TW				DB1165QS											
S14	04.94 - 12.99	4	2.0							DB1302QS											
						SUM						DB1247QS									
280ZX																					
S130	10.78 - 05.84	6	2.8			SUM						DB325QS									
300C																					
Y30	01.84 - 12.85	6	3.0							DB340QS											
	01.85 - 12.88	6	3.0									DB325QS									
300ZX																					
Z31	04.84 - 12.85	6	3.0			SUM						DB325QS									
	09.85 - 09.89	6	3.0									DB325QS									
Z32	01.90 - 11.95	6	3.0							DB1170QS		DB1220QS									
	01.90 - 03.96	6	3.0							DB1170QS		DB1220QS									
350Z																					
Z33	07.03→	6	3.5							DB1232QS											
350Z Cabriolet																					
Z33	11.04→	6	3.5							DB1232QS											
															PEUGEOT						
GTi																					
	03.86 - 12.93	4	2.2			BSY,INO						DB224UL									DB71UL
						GIR,LIM															
SLi																					
	02.86 - 06.87	4	2.0			BSY,INO						DB224UL									
STi																					
	01.84 - 10.84	4	2.2			BSY,INO						DB224UL									DB71UL
						GIR,LIM															
STi/ GTi																					
	02.85 - 12.85	4	2.2			BSY,INO						DB224UL									DB71UL
						GIR,LIM															
205																					
	10.86 - 10.87	4	1.9			BKV,BSY						DB1182UL									
	10.87 - 10.94	4	1.9			ATE						DB2104UL									
						BKV,BSY						DB1182UL									
						BSY															DB1301UL
	10.87 - 09.98	4	1.9			ATE						DB2104UL									
						BKV,BSY						DB1182UL									
						BSY															DB1301UL
	11.90 - 09.98	4	1.6			ATE						DB2104UL									
						BKV,BSY						DB1182UL									
206																					
T1	06.98→	4	1.6			BSY															DB1301UL
	03.00→	4	1.6			BSY															DB1301UL



							Everyday Driving					Demanding Driving
							QikStep					Ultra
◀ PEUGEOT												
T1	10.00→	4	2.0		BSY							DB1301UL
	03.03→	4	2.0		BSY							DB1301UL
206CC												
T1	09.00→	4	1.6		BSY							DB1301UL
			2.0		BSY							DB1301UL
306												
N3	01.93 - 04.97	4	1.8		ATE,INB							DB2104UL
					BSY							DB1301UL
					BSY,INO							DB1182UL
	05.93 - 04.97	4	1.9		ATE,INB							DB2104UL
					BSY							DB1301UL
					BSY,INO							DB1182UL
	08.93 - 04.97	4	2.0		BSY							DB1301UL
					GIR,INB							DB1258UL
N5	05.97 - 03.02	4	1.8		BSY							DB1301UL
			2.0		BSY							DB1301UL
	05.97 - 10.03	4	1.8		ATE,INB							DB2104UL
					BSY							DB1301UL
			1.9		ATE,INB							DB2104UL
			2.0		BSY							DB1301UL
	06.99 - 10.03	4	2.0		BSY							DB1301UL
306CC												
N3	01.93 - 04.97	4	1.8		ATE,INB							DB2104UL
					BSY							DB1301UL
					BSY,INO							DB1182UL
N5	05.97 - 10.03	4	1.8		BSY							DB1301UL
			2.0		BSY							DB1301UL
307												
T5	08.00 - 05.05	4	1.6									DB1449QS
			2.0		GIR,LUC							DB1192QS
					GIR,LUC							DB1192UL
					GIR,LUC							DB1192QS
	03.02 - 05.05	4	2.0		GIR,LUC							DB1192UL
	10.03 - 05.05	4	2.0		GIR,LUC							DB1192UL
	02.04 - 05.05	4	1.6		GIR,LUC							DB1192QS
					GIR,LUC							DB1192UL
T6	06.05→	4	1.6		GIR,LUC							DB1192QS
			2.0		GIR,LUC							DB1192UL
					GIR,LUC							DB1192UL
405												
15	07.87 - 12.92	4	1.9									DB1449QS
					AA,GIR							DB1192QS
					BSY,INO							DB1182UL
					GIR,INB							DB1258UL
					GIR,NAA							DB1192QS
	04.88 - 12.92	4	1.9		AA,GIR							DB1192QS
					GIR,INB							DB1258UL
					GIR,NAA							DB1192QS
	07.88 - 12.92	4	1.9		AA,GIR							DB1449QS
					AA,GIR							DB1192QS
					BSY,INO							DB1182UL
					GIR,INB							DB1258UL
					GIR,NAA							DB1192QS
4	06.92 - 04.97	4	1.9		BSY,INO							DB1182UL
					GIR,INB							DB1258UL
			2.0		GIR							DB1192QS
					GIR,INB							DB1258UL
	01.93 - 04.97	4	2.0		GIR							DB1192QS
					GIR,INB							DB1258UL
504												
	06.71 - 06.76	4	2.0	08.71 - 06.76	Chassis 1.294.560→							DB71UL
					GIR							
	07.76 - 06.83	4	2.0		Chassis 1.294.560→							DB71UL
					GIR							



505									
	09.80 - 12.85	4	2.0		BSY,INO				DB224UL
	09.83 - 12.83	4	2.2		BSY,INO GIR,LIM				DB224UL DB71UL
604									
	08.77 - 05.83	6	2.7		GIR				DB71UL
	06.83 - 06.86	6	2.8		GIR				DB71UL
605									
Y30	07.93 - 05.99	6	3.0		Chassis 90807684→ BSY				DB2110UL
PORSCHE									
Boxster									
986	10.96 - 08.99	6	2.5		BRB				DB1444UL DB1467UL
	09.99 - 08.02	6	2.7		BRB				DB1444UL DB1467UL
			3.2		BRB				DB1467UL
	09.02 - 08.04	6	2.7		BRB				DB1444UL DB1467UL
			3.2		BRB				DB1467UL
987	09.04 - 08.06	6	2.7		BKS,BRB				DB1467UL
			3.2		BKS,BRB				DB1467UL
Cayman									
987C	11.05→	6	3.4		BKS,BRB				DB1467UL
911									
	09.73 - 08.75	6	2.7	09.74 - 08.75	ATE				DB11UL
	09.74 - 08.75	6	2.7		ATE				DB11UL
	09.75 - 06.77	6	2.7		ATE				DB11UL
			3.0		ATE				DB11UL
	07.77 - 06.79	6	3.0		ATE				DB11UL
	07.80 - 07.83	6	3.0		ATE				DB11UL
	09.83 - 07.86	6	3.2		ATE				DB11UL
					ATE,TLV				DB440UL
911 Carrera									
964	09.89 - 08.93	6	3.6		ATE				DB440UL
				08.91 - 08.93	ATE,TLV				DB439UL
				09.92 - 08.93	ATE,ZWZ				DB440UL
993	09.93 - 08.95	6	3.6		ATE				DB439UL DB440UL
	09.94 - 08.97	6	3.8		ATE				DB439UL
	09.95 - 08.97	6	3.6		ATE				DB439UL
996	09.97 - 08.99	6	3.4		BRB				DB1467UL
	09.99 - 08.01	6	3.4		BRB				DB1467UL
	09.01 - 07.04	6	3.6		BRB				DB1467UL
997	08.04→	6	3.6		BKS,BRB				DB1467UL
	04.05→	6	3.6		BKS,BRB				DB1467UL
911 Carrera 4									
964	09.89 - 08.93	6	3.6		ATE				DB440UL DB440UL
993	09.94 - 08.95	6	3.6		ATE				DB439UL DB440UL
	09.95 - 08.97	6	3.6		ATE				DB439UL DB440UL
996	09.98 - 08.99	6	3.4		BRB				DB1467UL
	09.01 - 07.04	6	3.6		BRB				DB1467UL
911 Turbo									
	10.77 - 07.82	6	3.3		ATE				DB440UL DB440UL
964	12.90 - 08.92	6	3.3		ATE				DB439UL DB440UL
	02.93 - 08.93	6	3.6		ATE				DB440UL
993	03.95 - 08.97	6	3.6		ATE				DB439UL
924 Turbo									
	01.81 - 06.82	4	2.0		ATE				DB2072UL DB166UL





◀ PORSCHE

928									
	05.77 - 07.82	8	4.5		ATE				DB166UL
					Chassis →92 A0800749			DB2072UL	
					ATE				
					Chassis 92 A0800750→			DB256UL	
					ATE,FSB				
	09.82 - 07.83	8	4.7		ATE			DB439UL	
	08.83 - 07.86	8	4.7		ATE			DB439UL	DB440UL
	08.85 - 07.86	8	5.0		ATE			DB439UL	DB440UL
	08.86 - 07.91	8	5.0		ATE			DB439UL	
	08.91 - 11.95	8	5.4		ATE				DB440UL
944									
	07.81 - 12.84	4	2.5		ATE			DB2072UL	DB166UL
	01.85 - 07.87	4	2.5		ATE			DB2072UL	DB166UL
	09.87 - 07.91	4	2.5		ATE			DB439UL	DB440UL
	11.88 - 07.89	4	2.7		ATE			DB2072UL	DB166UL
	12.88 - 07.91	4	3.0		ATE,NKN			DB440UL	
				08.89 - 07.91	ATE,KNI			DB439UL	
968									
	08.91 - 11.95	4	3.0		ATE				DB440UL
					ATE,NOR			DB440UL	
					ATE,SP			DB439UL	

PROTON

Persona

C90 CC0	01.93 - 12.97	4	1.5	11.94 - 12.97	SUM			DB1277QS	
C90 CC1	12.95→	4	1.3					DB1277QS	
					SUM			DB1277QS	
			1.5					DB1277QS	
					SUM			DB1277QS	
			1.6		SUM			DB1249QS	

Satria

C90	03.96→	4	1.3		SUM			DB1277QS	
			1.5		SUM			DB1277QS	
			1.6					DB1277QS	
	11.98→	4	1.8					DB1277QS	

Waja

CF1	09.00→	4	1.6		GIR				DB1382UL
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Wira

C90	05.95 - 12.96	4	1.6					DB1249QS	
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RENAULT

Clio

BB./CB./SB.	03.99 - 10.07	4	2.0		BSY				DB1301UL
	10.99 - 10.07	4	1.4		BSY				DB1301UL
	05.00 - 10.07	4	1.4		BSY				DB1301UL
	08.00 - 10.07	4	1.4		BSY				DB1301UL
	06.01 - 10.07	4	1.6		BSY				DB1301UL
			2.0		BSY				DB1301UL
	03.03 - 10.07	4	2.0		BSY				DB1301UL
BR./CR.	06.05→	4	1.4		GIR			DB1192QS	DB1192UL

Fuego

	10.80 - 10.85	4	2.0		BSY				DB1182UL
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Megane

X64	05.00 - 09.03	4	1.6		BSY,TKO				DB1301UL
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							Everyday Driving		Demanding Driving	
X64	01.01 - 09.03	4	1.6		BSY,TKO					DB1301UL
BM./CM./GM./SM.	03.03→	4	2.0	03.06→	GIR		DB1192QS			DB1192UL
LM.	07.03→	4	2.0		GIR		DB1192QS			DB1192UL
EM.	10.03→	4	1.6		GIR		DB1192QS			DB1192UL
			2.0		GIR		DB1192QS			DB1192UL
BM./CM./GM./SM.	05.05→	4	1.6		GIR		DB1192QS			DB1192UL
Megane II 1.9 DCI										
LM.	05.05→	4	1.9		GIR		DB1192QS			DB1192UL
R 20										
	10.77 - 12.83	4	2.0		BSY				DB179UL	
R 21										
L48	07.86 - 12.94	4	2.2		ABS,BSY					DB36UL
	10.86 - 03.93	4	2.0		ABS,BSY					DB36UL
R 25										
	01.84 - 10.86	4	2.2		BSY					DB36UL
	10.85 - 10.86	4	2.2		BSY					DB36UL
	10.86 - 12.92	4	2.2		BSY					DB36UL
	05.88 - 12.92	6	2.9		BSY					DB36UL
Scenic										
JA	03.99 - 04.03	4	1.6		GIR		DB1192QS			DB1192UL
	06.99 - 04.03	4	2.0		GIR		DB1192QS			DB1192UL
	06.00→	4	2.0		GIR		DB1192QS			DB1192UL
	11.00 - 04.03	4	2.0		GIR		DB1192QS			DB1192UL
	02.01 - 04.03	4	2.0		GIR		DB1192QS			DB1192UL
JM.	05.03→	4	2.0		GIR		DB1192QS			DB1192UL
Scenic II 1.9 DCI										
JM.	05.05→	4	1.9		GIR		DB1192QS			DB1192UL
ROVER										
825										
	10.86 - 10.88	6	2.5		GIR				DB1189WUL	
827										
	02.88 - 10.91	6	2.7		GIR				DB1189WUL	DB1360UL
3500										
	04.68 - 05.76	8	3.5		DEP,INB				DB879UL	
3500 Vitesse										
	10.82 - 10.86	8	3.5		DEP				DB879UL	
SAAB (SAAB AUTOMOBILE AB)										
9-3										
9400	03.98 - 08.00	4	2.0		ATE		DB1351QS	DB1273QS	DB1351UL	
			2.3		ATE		DB1351QS	DB1273QS	DB1351UL	
	09.98 - 08.00	4	2.0		ATE		DB1351QS	DB1273QS	DB1351UL	
	09.99 - 08.00	4	2.3		ATE		DB1351QS	DB1273QS		
	09.99 - 08.02	4	2.0		ATE			DB1273QS	DB1351UL	
				09.99 - 08.00	ATE		DB1351QS			
9440	09.02 - 08.06	4	2.0					DB1665QS		
	09.02→	4	2.0					DB1665QS		
	02.03→	4	2.0					DB1665QS		



				Cyl.		/room		?		Everyday Driving		Demanding Driving	
SAAB				Cyl.		/room		?		Everyday Driving		Demanding Driving	
9-3 Cabriolet													
9440	08.03→	4	1.8							DB1665QS			
			2.0							DB1665QS			
9-5													
	06.97→	4	2.0		ATE							DB1351UL	
					Chassis →X3025751					DB1351QS			DB1351UL
				09.98→	ATE					DB1351QS			
	06.99 - 08.03	6	3.0		ATE					DB1351QS			
					Chassis →X3025751					DB1351QS			DB1351UL
					ATE								
	09.99 - 08.00	4	2.0		ATE					DB1351QS		DB1351UL	
					Chassis →X3025751					DB1351QS			DB1351UL
					ATE								
	09.00→	4	2.3		ATE					DB1351QS		DB1351UL	
					Chassis →X3025751					DB1351QS			DB1351UL
					ATE								
	09.01→	4	2.3		ATE					DB1351QS		DB1351UL	
	09.03→	4	2.3		ATE					DB1351QS		DB1351UL	
9-5 Kombi													
	09.00→	4	2.3		ATE					DB1351QS		DB1351UL	
					Chassis →X3025751					DB1351QS			DB1351UL
					ATE								
	09.01→	4	2.3		ATE					DB1351QS		DB1351UL	
900													
	09.78 - 08.83	4	2.0	08.79 - 08.83	GIR							DB595UL	
	09.79 - 08.83	4	2.0		GIR							DB595UL	
	09.83 - 08.90	4	2.0	09.83 - 08.85	GIR							DB595UL	
				09.85 - 08.90	GIR,TW							DB1157UL	
				09.87 - 08.90	ATE					DB296UQS			DB296UUL
	08.84 - 08.93	4	2.0	08.84 - 08.85	GIR							DB595UL	
				09.85 - 08.93	GIR,TW							DB1157UL	
				09.87 - 08.93	ATE					DB296UQS			DB296UUL
	09.85 - 08.91	4	2.0	09.85 - 08.91	GIR,TW							DB1157UL	
				09.87 - 08.91	ATE					DB296UQS			DB296UUL
	09.85 - 08.92	4	2.0	09.85 - 08.92	GIR,TW							DB1157UL	
				09.87 - 08.92	ATE					DB296UQS			DB296UUL
	09.90 - 08.93	4	2.0	09.90 - 08.93	ATE					DB296UQS			DB296UUL
					GIR,TW							DB1157UL	
			2.1		ATE					DB296UQS			DB296UUL
	09.91 - 08.93	4	2.1	09.91 - 08.93	GIR,TW							DB1157UL	
					ATE					DB296UQS			DB296UUL
	09.93 - 08.98	4	2.0	09.93 - 08.98	ATE							DB1351UL	
				09.93 - 08.96	ATE					DB1229QS		DB1341UL	DB1229UL
				09.96 - 08.98	ATE					DB1351QS		DB1273QS	
	09.93 - 10.98	6	2.5	09.93 - 08.96	ATE					DB1229QS		DB1341UL	DB1229UL
				09.96 - 10.98	ATE					DB1351QS		DB1273QS	
	03.94 - 08.98	4	2.0	03.94 - 08.98	ATE							DB1351UL	
				03.94 - 08.96	ATE					DB1229QS		DB1341UL	DB1229UL
				09.96 - 08.98	ATE					DB1351QS		DB1273QS	
	09.94 - 08.98	4	2.0	09.94 - 08.98	ATE							DB1351UL	
				09.94 - 08.96	ATE					DB1229QS		DB1341UL	DB1229UL
				09.96 - 08.98	ATE					DB1351QS		DB1273QS	
9000													
	09.85 - 08.88	4	2.0	09.85 - 08.88	ATE					DB296UQS			DB296UUL
				09.85 - 08.87	GIR							DB1157UL	
				09.87 - 08.88	ATE							DB1156UL	
	08.86 - 08.93	4	2.0	08.86 - 08.93	ATE					DB296UQS			DB296UUL
				08.86 - 08.89	GIR							DB1157UL	
				09.89 - 08.93	ATE							DB1156UL	
	09.89 - 08.93	4	2.0	09.89 - 08.93	ATE							DB1157UL	
					ATE					DB296UQS		DB1156UL	DB296UUL
			2.3		ATE					DB296UQS		DB1156UL	DB296UUL



									Everyday Driving		Demanding Driving
01.90 - 08.93	4	2.0								DB1157UL	
							ATE		DB296UQS	DB1156UL	DB296UUL
09.90 - 08.93	4	2.3					ATE		DB296UQS	DB1156UL	DB296UUL
09.92 - 12.98	4	2.0					ATE			DB1156UL	
09.93 - 12.98	4	2.3					ATE		DB296UQS		DB296UUL
					09.93 - 08.94		ATE			DB1156UL	
09.94 - 12.98	6	3.0					ATE		DB296UQS		DB296UUL

SEAT

Cordoba

6K2	09.93 - 04.96	4	2.0				GIR		DB1192QS		DB1192UL
							1LY,GIR	DB1325QS		DB1325UL	
							228,GIR			DB1310UL	
							239,KEL			DB399UL	
	09.93 - 09.95						Chassis →6K..TR046 558 1LM,KEL			DB400UL	
	09.93 - 11.95						Chassis →6K..TR099 020 1LA,KEL			DB2062UL	
	10.95 - 04.96						Chassis 6K..TR046 559 → 1LM,ATE			DB1407UL	
	12.95 - 04.96						Chassis 6K..TR099 021 → 1LA,WW,XXX			DB399UL	
							Chassis 6K..TR099 021 → 1LA,KEL			DB399UL	
	07.94 - 12.02	4	1.8				228,GIR			DB1310UL	
							239,KEL			DB399UL	
	07.94 - 09.95						Chassis →6K..TR046 558 1LM,KEL			DB400UL	
	07.94 - 11.95						Chassis →6K..TR099 020 1LA,KEL			DB2062UL	
	07.94 - 03.96						Chassis →6K..TR184 566 1LY,GIR	DB1325QS		DB1325UL	
	10.95 - 12.02						Chassis 6K..TR046 559 → 1LM,ATE			DB1407UL	
	12.95 - 12.02						Chassis 6K..TR099 021 → 1LA,WW,XXX			DB399UL	
							Chassis 6K..TR099 021 → 1LA,KEL			DB399UL	
	12.95 - 11.02	4	1.6				1LA,KEL			DB399UL	
							1LA,WW,XXX			DB399UL	
							1LM,ATE			DB1407UL	
							228,GIR			DB1310UL	
							239,KEL			DB399UL	
	12.95 - 03.96						Chassis →6K..TR184 566 1LY,GIR	DB1325QS		DB1325UL	
	03.97 - 12.98	4	1.6				GIR	DB1325QS		DB1325UL	
							1LA,KEL			DB399UL	
							1LA,WW,XXX			DB399UL	
							1LM,ATE			DB1407UL	
							228,GIR			DB1310UL	
							239,KEL			DB399UL	

Ibiza

6K1	03.93 - 04.96	4	2.0				GIR		DB1192QS		DB1192UL
							1LY,GIR	DB1325QS		DB1325UL	
							228,GIR			DB1310UL	
							239,KEL			DB399UL	
	03.93 - 09.95						Chassis →6K..TR046 558 1LM,KEL			DB400UL	
	03.93 - 11.95						Chassis →6K..TR099 020 1LA,KEL			DB2062UL	
	10.95 - 04.96						Chassis 6K..TR046 559 → 1LM,ATE			DB1407UL	
	12.95 - 04.96						Chassis 6K..TR099 021 → 1LA,WW,XXX			DB399UL	
							Chassis 6K..TR099 021 → 1LA,KEL			DB399UL	



SEAT

6K1	09.93 - 12.95	4	1.4	1LY,GIR	DB1325QS				DB1325UL	
				228,GIR					DB1310UL	
				239,KEL					DB399UL	
				09.93 - 09.95 Chassis →6K..TR046 558					DB400UL	
				09.93 - 11.95 Chassis →6K..TR099 020					DB2062UL	
				10.95 - 12.95 Chassis 6K..TR046 559→					DB1407UL	
				12.95 - 12.95 Chassis 6K..TR099 021 →					DB399UL	
				12.95 - 12.95 Chassis 6K..TR099 021→					DB399UL	
				12.95 - 12.97 4 1.4					1LA,KEL	DB399UL
				12.95 - 12.97 4 1.4					1LA,WW,XXX	DB399UL
	1LM,ATE	DB1407UL								
	228,GIR	DB1310UL								
	239,KEL	DB399UL								
	12.95 - 03.96 Chassis →6K..TR184 566	DB1325QS	DB1325UL							
06.96 - 10.99	4	2.0	GIR	DB1325QS	DB1192QS			DB1325UL		
			1LA,KEL					DB399UL		
			1LA,WW,XXX					DB399UL		
			1LM,ATE					DB1407UL		
			228,GIR					DB1310UL		
			239,KEL					DB399UL		

Toledo

1L2	05.91 - 06.96	4	2.0	GIR	DB1325QS	DB1192QS			DB1325UL						
				1LM,ATE					DB1407UL						
				228,GIR					DB1310UL						
				239,VWW					DB2040UL						
				03.94 - 03.99 4 2.0					GIR	DB1325QS	DB1192QS				DB1325UL
				03.94 - 03.99 4 2.0					1LM,ATE						DB1407UL
				03.94 - 03.99 4 2.0					228,GIR						DB1310UL
				03.94 - 03.99 4 2.0					239,VWW						DB2040UL
				03.96 - 03.99 4 2.0					GIR						DB1192QS
				03.96 - 03.99 4 2.0					1LM,ATE		DB1407UL				
03.96 - 03.99 4 2.0	228,GIR		DB1310UL												
03.96 - 03.99 4 2.0	239,VWW		DB2040UL												

SMART (MCC)

FORFOUR

	01.04 - 06.07	4	1.3	GIR					DB1381UL
			1.5						DB1382UL
			04.05 - 06.07 4 1.5						GIR

FORTWO

	02.04 - 03.07	3	0.7	BSY					DB2130UL
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Roadster

	04.03 - 11.05	3	0.7	BSY					DB2130UL
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Smart

	01.03 - 01.04	3	0.7	BSY					DB2130UL
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SSANGYONG

Korando

KJ	07.96 - 12.05	4	2.3	GIR,PBR	DB1086QS
		5	2.9	GIR,PBR	DB1086QS
		6	3.2	GIR,PBR	DB1086QS

Musso

MJ	07.93 - 12.05	5	2.9	GIR	DB1086QS
		6	3.2	GIR	DB1086QS
		4	2.3	GIR	DB1086QS

Rexton

09.02→	6	3.2	DB1451QS
08.04→	5	2.7	DB1451QS

SUBARU

Forester

SF	01.97 - 07.98	4	2.0		DB1342QS	
				SUM	DB1379QS	
				03.98 - 05.02	4	2.0
	07.98 - 05.02	4	2.5	SUM	DB1379QS	
SG	06.02 - 05.05	4	2.5	06.02 - 05.03	SUM	DB1379QS
					04.03→	4

Impreza

	01.93 - 12.95	4	1.6		DB1186QS
				WW	DB1185QS
					DB1363QS
			1.8	WW	DB1186QS
GC,GF	01.93 - 07.96	4	1.8	AKE	DB1185QS
				SUM	DB1186QS
				08.95 - 07.98	4
	08.96 - 07.98	4	1.6	SUM	DB1186QS
					DB1186QS
				ABO,AKE	DB1185QS
				ABS,AKE	DB1185QS
				AKE	DB1185QS
GD,GG	10.00→	4	2.0	SUM	DB1379QS
				SUM,TW	DB1379QS
				TW	DB1186QS
				WW	DB1342QS
					DB1363QS
	07.01 - 05.05	4	2.5		DB1363QS
				SUM	DB1379QS
	11.02 - 05.05	4	2.0	WW	DB1342QS
					DB1363QS
	06.05→	4	2.0		DB1363QS
				WW	DB1342QS
					DB1363QS

Impreza WRX

GC,GF	12.93 - 07.98	4	2.0		DB1185QS	
				SUM	DB1186QS	
				12.93 - 08.94	AKE	DB1219QS
	08.98 - 09.00	4	2.0		DB1185QS	
					DB1342QS	
				SUM,TW	DB1379QS	
				TW	DB1186QS	
				WW	DB1363QS	

							Everyday Driving					Demanding Driving
							QikStep					Ultra
◀ SUBARU												
GD,GG	10.00 - 10.02	4	2.0									DB1186QS
					TW		DB1342QS					
							DB1363QS					
					WW		DB1342QS					
							DB1363QS					
	11.02 - 05.05	4	2.0		TW		DB1342QS					
							DB1363QS					
	06.05 →	4	2.5				DB1363QS					
Impreza WRX STi												
GD,GG	10.01 - 05.05	4	2.0									DB1220QS
					TW		DB1170QS					
							DB1342QS					
					WW		DB1363QS					
	06.05 →	4	2.5				DB1363QS					
L Series												
	10.75 - 08.80	4	1.6				DB326QS					
	04.77 - 08.80	4	1.4				DB326QS					
	05.79 - 08.80	4	1.8				DB326QS					
Leone												
	03.79 - 10.84	4	1.6				DB326QS					
	01.87 - 12.89	4	1.8				DB418QS					
Liberty												
BC,BF,BJ	01.89 - 12.93	4	2.2		SUM							DB1186QS
					14Z,AKE		DB1185QS					
	01.89 - 12.94	4	2.2				DB1185QS					DB1186QS
BC,BF,BJ	05.92 - 12.93	4	2.0		AKE		DB1219QS					
					SUM							DB1186QS
	01.94 - 12.95	4	2.2				DB1185QS					DB1186QS
BD,BG	01.94 - 05.97	4	2.2		AKE		DB1185QS					
					SUM							DB1186QS
	06.96 - 11.98	4	2.5		SUM							DB1186QS
BE,BH	10.98 - 05.03	4	2.0									DB1379QS
							DB1342QS					DB1379QS
					WW		DB1342QS					
							DB1363QS					
			2.5									DB1379QS
							DB1342QS					DB1379QS
					WW		DB1342QS					
							DB1363QS					
	05.01 - 05.03	4	2.0				DB1342QS					DB1186QS
BL,BP	09.03 →	4	2.0									DB1379QS
MV												
	11.84 - 12.94	4	1.8				DB426QS					
Outback												
BD,BG	06.96 - 08.98	4	2.5		SUM							DB1186QS
BE,BH	10.98 - 05.03	4	2.5									DB1186QS
					WW		DB1185QS					
							DB1342QS					
							DB1363QS					
	07.00 - 05.03	6	3.0		WW		DB1342QS					DB1379QS
							DB1363QS					DB1379QS
					07.00 - 04.01	SUM						DB1379QS
SVX												
	09.92 - 12.96	6	3.3				DB418QS					DB1186QS

S



SUZUKI

SUZUKI					
Alto					
SS	06.82 - 12.85	3	0.6		DB208QS
EC	01.86 - 12.89	3	0.8		DB208QS
EF	10.94→	4	1.0	AKE	DB1155QS
Baleno					
	04.95 - 04.05	4	1.6		DB1304QS
	09.95 - 09.05	4	1.8		DB1367QS
				AKE	DB1367QS
	08.96 - 08.06	4	1.6		DB1304QS
			1.8	AKE	DB1367QS
					DB1180QS
					DB1180QS
Grand Vitara					
	03.98→	4	1.6		DB1312QS
			2.0		DB1312QS
	04.98→	6	2.5		DB1312QS
	06.01→	6	2.7		DB1312QS
	10.02→	6	2.7		DB1312QS
Ignis					
	10.00 - 09.03	4	1.3		DB1674QS
	12.03 - 12.06	4	1.5		DB1674QS
Jimny					
	10.98→	4	1.3	SUM	DB403QS
	10.00→	4	1.3	SUM	DB403QS
Sierra					
	01.85 - 12.88	4	1.0		DB403QS
	01.85 - 12.89	4	1.3		DB403QS
	01.90 - 12.95	4	1.3		DB403QS
Swift					
OA	10.84 - 03.89	4	1.3	WW	DB1117QS
					DB1155QS
	08.86 - 03.89	4	1.3		DB402QS
				AKE	DB1155QS
EA	01.89 - 09.95	4	1.3		DB406QS
	03.89 - 12.95	3	1.0	WW	DB1117QS
					DB1155QS
	09.91 - 04.95	4	1.3		DB1117QS
	09.91 - 09.95	4	1.3		DB1155QS
			1.6	AKE	DB1155QS
MA	06.96 - 03.01	4	1.3		DB1334QS
					DB409QS
				Chassis →*00320339	DB1155QS
				AKE	
Vitara					
ET	12.94 - 03.98	6	2.0		DB1312QS
			2.5		DB1312QS
	12.96 - 03.98	4	2.0		DB1312QS

TATA (TELCO)

Safari					
	02.98→	4	2.0	GIR	DB1189WUL



TOYOTA

Avalon

MCX10R	04.00 - 12.02	6	3.0		DB1345QS	DB1433QS
	01.03 - 06.05	6	3.0			DB1475QS
				WW	DB1345QS	
					DB1474QS	

Avensis

AZT220	07.00 - 01.03	4	2.0	AKE		DB422QS
ACM20	05.01 - 11.03	4	2.0		DB1487QS	
ACM21	10.03→	4	2.4		DB1487QS	

Camry / Vienta

SV11	03.83 - 10.86	4	2.0	AKE	DB308QS	
SV20	01.87 - 06.89	4	1.8		DB1110QS	DB422QS
SV21	01.87 - 11.92	4	2.0		DB1110QS	DB422QS
VZV21	06.88 - 02.93	6	2.5		DB1110QS	DB422QS
SV22	07.89 - 06.91	4	2.0		DB1110QS	DB422QS
XV10	02.93 - 03.94	4	2.2		DB1267QS	DB422QS
		6	3.0		DB1209QS	DB422QS
SDV10	04.94 - 06.95	4	2.2		DB1267QS	DB422QS
VDV10	04.94 - 06.95	6	3.0		DB1209QS	DB422QS
VCV10R	07.95 - 06.97	6	3.0		DB1209QS	DB422QS
SKV10R	07.95 - 04.98	4	2.2		DB1267QS	DB422QS
MCV20R	07.97 - 08.02	6	3.0		DB1345QS	DB422QS
SKV20R	05.98 - 02.02	4	2.2		DB1345QS	DB422QS
ACV36R	09.02 - 05.06	4	2.4		DB1474QS	DB1475QS
MCV36R	09.02 - 06.06	6	3.0		DB1474QS	DB1475QS

Celica

TA40	08.77 - 08.80	4	1.6		DB170QS	
RA40	08.77 - 07.81	4	2.0		DB170QS	
TA40	08.77 - 07.81	4	1.6		DB170QS	
ST162	08.85 - 08.89	4	2.0	AKE		DB422QS
				08.85 - 08.87 AKE	DB308QS	
				09.87 - 08.89 ABO,AKE	DB308QS	
				ABS,SUM	DB1129QS	
	08.86 - 08.89	4	2.0	AKE		DB422QS
				08.86 - 08.87 AKE	DB308QS	
				09.87 - 08.89 ABO,AKE	DB308QS	
				ABS,SUM	DB1129QS	
ST184	10.89 - 11.93	4	2.2		DB1129QS	DB422QS
ST185	10.89 - 11.93	4	2.0	10.89 - 08.91 AKE		DB422QS
				10.89 - 10.93 SUM	DB1129QS	
ST182	10.90 - 11.93	4	2.0	10.90 - 01.91 AKE		DB422QS
				10.90 - 09.91 SUM	DB1129QS	
				01.91 - 10.93 AKE		DB1147QS
ST204	11.93 - 08.99	4	2.2		DB1267QS	DB422QS
ST202	08.94 - 05.99	4	2.0	AKE		DB422QS
ZZT231	08.99→	4	1.8		DB1431QS	DB1429QS
	08.00 - 09.05	4	1.8		DB1431QS	DB1429QS

Corolla

KE25	10.72 - 06.77	4	1.2		DB87QS	
KE30	08.74 - 08.79	4	1.2		DB87QS	
KE55	03.80 - 12.81	4	1.3		DB1088QS	
KE70	03.80 - 03.85	4	1.3		DB1088QS	
AE80	05.83 - 10.84	4	1.3	AKE	DB308QS	
AE71	10.83 - 12.85	4	1.6		DB1088QS	
AE82	04.85 - 12.88	4	1.6		DB308QS	
AE80	04.85 - 06.89	4	1.3		DB308QS	
AE82	01.86 - 12.88	4	1.6		DB308QS	
	09.86 - 08.88	4	1.6		DB308QS	DB1147QS
AE92	05.87 - 06.91	4	1.6		DB1103QS	DB1147QS
	01.88 - 04.92	4	1.6		DB1103QS	DB1147QS
	01.89 - 04.92	4	1.6		DB1103QS	DB1147QS
AE90	02.89 - 05.92	4	1.4		DB1103QS	DB1147QS

								Everyday Driving		Demanding Driving
								DB1103QS	DB1147QS	Ultra
AE92	02.89 - 09.92	4	1.6					DB1103QS	DB1147QS	
	02.89 - 06.94	4	1.6					DB1103QS	DB1147QS	
AE93	08.89 - 05.91	4	1.6					DB1103QS	DB1147QS	
AE92	01.91 - 12.92	4	1.6					DB1103QS	DB1147QS	
AE94	01.91 - 12.92	4	1.8					DB1103QS	DB1147QS	
AE93	06.91 - 08.92	4	1.6					DB1103QS	DB1147QS	
AE92	07.91 - 06.94	4	1.6					DB1103QS	DB1147QS	
AE94	07.91 - 06.94	4	1.6					DB1103QS	DB1147QS	
AE96	10.92 - 06.94	4	1.8					DB1103QS	DB1147QS	
AE101	07.94 - 08.98	4	1.6						DB1147QS	
					WW			DB1267QS		
								DB308QS		
AE102	07.94 - 12.99	4	1.8						DB1147QS	
					WW			DB1267QS		
								DB308QS		
AE101	09.94 - 04.97	4	1.6						DB1147QS	
					WW			DB1267QS		
								DB308QS		
AE102	09.94 - 08.97	4	1.8						DB1147QS	
					SUM			DB1267QS		
					WW			DB308QS		
AE112R	10.98 - 10.99	4	1.8						DB1147QS	
	10.99 - 09.01	4	1.8						DB1147QS	
	10.99 - 10.01	4	1.8			AKE			DB422QS	
					SUM			DB1267QS		
ZZE122	08.00→	4	1.8					DB1422QS		
									DB1429QS	
ZZE122G	08.00→	4	1.8					DB1422QS		
ZZE122	09.01 - 01.04	4	1.8					DB1422QS	DB1429QS	
ZZE123	11.01→	4	1.8						DB1429QS	
ZZE122	09.02→	4	1.8					DB1422QS		
Corolla 4WD										
AE95	02.88 - 07.95	4	1.6					DB1103QS	DB1147QS	
Corona										
ST141	06.83 - 04.87	4	2.0			TW		DB1095QS		
								DB441QS		
Cressida										
MX32	04.77 - 12.80	6	2.6					DB86QS		
MX36	09.78 - 12.80	6	2.6					DB86QS		
MX83	08.88 - 02.93	6	3.0					DB1141QS	DB1244QS	
Crown										
MS65	11.71 - 09.74	6	2.6					DB6QS		
Dyna										
YH81	08.85 - 08.87	4	1.8			AKE		DB318QS		
	08.87 - 03.92	4	1.8			AKE		DB318QS		
LH80	08.87 - 05.95	4	2.5			AKE		DB318QS		
YY100L	05.95 - 05.99	4	1.8					DB318QS		
Echo										
NCP10	08.99 - 12.02	4	1.3					DB1422QS	DB1429QS	
NCP12	08.99→	4	1.5					DB1422QS		
NCP10	09.99 - 02.05	4	1.3					DB1422QS	DB1429QS	
NCP13	06.03→	4	1.5					DB1422QS		
Hiace										
LH50	12.82 - 01.84	4	2.2					DB318QS		
YH50	12.82 - 01.84	4	1.8					DB306QS		
YH61	12.82 - 08.86	4	2.0					DB306QS		
LH60/70	12.82 - 01.89	4	2.4					DB318QS		
YH73	08.86 - 08.87	4	2.2					DB306QS		
YH51	08.87 - 08.89	4	2.0			AKE		DB318QS		
RZH103	08.89 - 08.98	4	2.4					DB1205QS		



◀ TOYOTA

LH103	08.89 - 08.00	4	2.8				DB1205QS		
LH105	08.89 - 08.00	4	2.8				DB1205QS		
RZH113	08.89 - 02.05	4	2.4				DB1205QS		
RZH103	08.93 - 02.05	4	2.4				DB1205QS		
LH174/184	08.98 - 02.05	4	3.0				DB1205QS		
LH162/172	08.01 - 02.05	4	3.0				DB1205QS		
Hilux									
RN36	01.79 - 07.83	4	2.0			SUM	DB288QS		
RN46	01.79 - 07.83	4	2.0			SUM	DB288QS		
LN36	08.81 - 07.83	4	2.2			SUM	DB288QS		
LN46	08.81 - 07.83	4	2.2			SUM	DB288QS		
YN52/57/60/65	09.83 - 08.88	4	2.0				DB318QS		
YN57R	06.84 - 11.86	4	2.0			SUM	DB288QS		
LN51/56/60/61/65	08.84 - 07.98	4	2.4				DB318QS		
RN50/55/58/61/67	01.86 - 07.98	4	2.4	08.87 - 07.98	AKE		DB318QS		
YN67R	02.86 - 08.98	4	2.2	02.86 - 06.94	AKE		DB318QS		
YN50/55	08.86 - 07.98	4	1.6				DB318QS		
YN58/62/63/67	08.86 - 07.98	4	2.2				DB318QS		
YN51/56	08.87 - 08.88	4	1.8		AKE		DB318QS		
YN85	08.88 - 08.94	4	1.8				DB318QS		
YN106	08.88 - 08.94	4	2.2			SUM	DB1149QS		
YN110	08.88 - 08.94	4	2.2			SUM	DB1149QS		
LN85	08.88 - 08.97	4	2.4				DB318QS		
RN110	08.88 - 08.97	4	2.4			SUM	DB1149QS		
RN110R	08.88 - 08.97	4	2.4				DB1149QS		
LN105	09.88 - 08.97	4	2.4			SUM	DB1149QS		
LN106R, 107R, 111R	10.88 - 12.97	4	2.8				DB1149QS		
YN85	01.89 - 10.94	4	1.8				DB318QS		
VZN130	08.89 - 11.95	6	3.0			SUM	DB1149QS		
LN130	01.90 - 11.95	4	2.4			SUM	DB1149QS		
KZN130G/ KZN130W	08.93 - 11.95	4	3.0			SUM	DB1149QS		
LN57/67	08.95 - 07.98	4	2.8				DB318QS		
LN67R	10.95 - 08.98	4	2.8	07.96 - 08.98	SUM		DB288QS		
RZN147/ RZN152H	08.97 - 12.02	4	2.0				DB1350QS		
LN147R	10.97 - 02.05	4	3.0				DB1350QS		
LN167R, 172R	10.97 - 02.05	4	3.0				DB1149QS		
RZN147R, 149R, 154R	10.97 - 02.05	4	2.7				DB1350QS		
RZN169R, 174R	10.97 - 02.05	4	2.7				DB1149QS		
LN192R	01.98 - 12.02	4	3.0			SUM	DB1149QS		
LN167R	10.98 - 06.00	4	3.0			SUM	DB1149QS		
RNZ169R	10.98 - 04.05	4	2.7			SUM	DB1149QS		
RZN169H/ RZN174H	08.99 - 07.04	4	2.7			SUM	DB1149QS		
KZN16R	12.99→	4	3.0				DB1149QS		
KNZ165R	07.00 - 02.02	4	3.0			SUM	DB1149QS		
LN167R	11.00 - 05.02	4	3.0			SUM	DB1149QS		
LN192R	11.00 - 12.02	4	3.0			SUM	DB1149QS		
KNZ165R	03.02 - 05.05	4	3.0			SUM	DB1149QS		
RZN169R, 174R	10.02→	6	3.4				DB1149QS		
VZN210W	11.02→	6	3.4				DB1350QS		
KUN16R	03.05→	4	3.0				DB1149QS		
Hilux Surf									
LN130G	04.89 - 08.90	4	2.4			SUM	DB1149QS		
YN130G	04.89 - 08.91	4	2.0			SUM	DB1149QS		
LN131V	04.89 - 08.93	4	2.8			SUM	DB1149QS		
LN130G/ LN130W	08.90 - 08.93	4	2.4			SUM	DB1149QS		
VZN130G	08.91 - 11.95	6	3.0			SUM	DB1149QS		
KZN185G/ KZN185W	11.95 - 08.00	4	3.0	11.95 - 07.98	SUM		DB1149QS		
RZN185W	11.95 - 11.02	4	2.7			SUM, TW	DB1149QS		
VZN185W	11.95 - 11.02	6	3.4			SUM	DB1149QS		

								Everyday Driving		Demanding Driving
KZN185W	07.96 - 08.00	4	3.0			SUM				
KDN185G/ KDN185W	06.00 - 11.02	4	3.0			Org. KH-KDN185W SUM	DB1149QS			
Land Cruiser										
BJ40	08.80 - 10.84	4	3.0			SUM	DB288QS			
BJ42	08.80 - 10.84	4	3.4			SUM	DB288QS			
FJ60	08.80 - 11.84	6	4.2			SUM	DB288QS			
HJ47	08.80 - 06.85	6	4.0			SUM	DB288QS			
FJ40	08.80 - 10.85	6	4.2			SUM	DB288QS			
FJ45	08.80 - 04.86	6	4.2			SUM	DB288QS			
HJ60	08.80 - 08.87	6	4.0			SUM	DB288QS			
FJ62	11.84 - 08.87	6	4.0			SUM	DB288QS			
BJ70	11.84 - 01.90	4	3.4			SUM	DB288QS			
BJ73	11.84 - 02.94	4	3.4	01.90 - 02.94		SUM	DB1149QS			
FJ70	01.85 - 11.88	4	2.4				DB288QS			
HJ61	10.85 - 08.87	6	4.0			SUM	DB288QS			
BJ71	10.85 - 01.90	4	3.4			SUM	DB288QS			
LJ73	10.85 - 08.94	4	2.4	10.85 - 08.88		SUM	DB288QS			
LJ70	10.85 - 01.95	4	2.4	10.85 - 08.88		SUM	DB288QS			
FJ75RP	02.86 - 04.92	6	4.0	02.86 - 04.90 01.90 - 04.92		SUM	DB288QS DB1149QS			
FJ62	01.87 - 12.88	6	4.0				DB288QS			
HJ60	08.87 - 01.90	6	4.0			SUM	DB288QS			
HJ61	08.87 - 01.90	6	4.0				DB288QS			
FJ62, 70, 73, 75	09.87 - 12.92	6	4.0				DB288QS			
RJ70	12.88 - 12.90	4	2.4				DB288QS			
				01.90 - 12.90		SUM	DB1149QS	DB1200QS		
FJ80	01.90 - 08.92	6	4.0				DB1199QS	DB1200QS		
PZJ70	01.90 - 08.92	5	3.5			SUM	DB1149QS	DB1200QS		
PZJ73	01.90 - 08.92	5	3.5			SUM	DB1149QS	DB1200QS		
HDJ80	01.90 - 01.95	6	4.2			AKE	DB1199QS			
						SUM		DB1200QS		
HZJ80	01.90 - 01.98	6	4.2			AKE	DB1199QS			
				01.90 - 01.95		SUM		DB1200QS		
HZJ70	01.90 - 08.99	6	4.2			SUM	DB1149QS	DB1200QS		
HZJ73	01.90 - 08.99	6	4.2			SUM	DB1149QS			
FZJ80	08.92 - 01.98	6	4.5				DB1199QS	DB1200QS		
HZJ75	08.92 - 08.99	6	4.2			SUM	DB1149QS			
HDJ80	01.95 - 01.98	6	4.2			AKE	DB1199QS			
						SUM		DB1200QS		
KZJ90/95	04.96 - 09.02	4	3.0					DB1200QS		
				04.96 - 06.99		SUM	DB1149QS			
				04.96 - 06.00		SUM		DB1200QS		
				07.99 - 09.02		SUM	DB1149QS			
				07.00 - 09.02		SUM		DB1200QS		
HDJ100	01.98→	6	4.2				DB1365QS			
UZJ100	01.98→	8	4.7				DB1365QS			
FZJ75, 78, 79, 105	03.98 - 04.05	6	4.5				DB1365QS			
HZJ78, 79, 105	03.98→	6	4.2				DB1365QS			
HZJ78	08.99 - 08.01	6	4.2				DB1365QS			
HDJ78, 79	06.01→	6	4.2				DB1365QS			
GRJ120	01.03→	6	4.0			SUM		DB1200QS		
Land Cruiser Prado										
LJ71G/LJ78G/ LJ78W	04.90 - 05.93	4	2.4			Org. Q-LJ78G, Org. Q-LJ78W SUM	DB1149QS			
KZJ71G/ KZJ71W/ KZJ78G/ KZJ78W	05.93 - 04.96	4	3.0			SUM	DB1149QS			
KZJ90W/ KZJ95W	04.96 - 08.00	4	3.0			SUM	DB1149QS			
RZJ90W/ RZJ95W	04.96 - 09.02	4	2.7			SUM WW	DB1149QS DB1323QS			
VZJ90W/ VZJ95W	04.96 - 09.02	6	3.4			SUM	DB1323QS DB1149QS			
				07.00 - 09.02		SUM		DB1200QS		

									Everyday Driving		Demanding Driving	
◀ TOYOTA												
VZJ90/95	04.96 - 01.03	6	3.4								DB1200QS	
					SUM					DB1149QS		
					04.96 - 06.00	SUM					DB1200QS	
					07.00 - 01.03	SUM					DB1200QS	
VZJ95	04.96 - 01.03	6	3.4							DB1323QS		
					SUM					DB1149QS	DB1200QS	
RZJ90/95	10.96 - 08.04	4	2.7								DB1200QS	
					WW					DB1323QS		
										DB288QS		
KZJ95	03.00→	6	3.0							DB288QS	DB1200QS	
VZJ120W/ VZJ121W/ VZJ125W	09.02 - 01.03	6	3.4							DB1323QS		
					SUM						DB1200QS	
RZJ120W/ RZJ125W	09.02 - 08.04	4	2.7							DB1323QS		
					SUM						DB1200QS	
	11.03→	6	4.0								DB1200QS	
Lexcen												
VN19, VN35	06.89 - 08.91	6	3.8							DB1085QS	DB1086QS	
VP19, VP35	09.91 - 05.93	6	3.8							DB1085QS	DB1086QS	
VR19, VR35	06.93 - 04.95	6	3.8							DB1085QS	DB1086QS	
VS19, VS35	05.95 - 04.97	6	3.8							DB1085QS	DB1086QS	
Liteace												
KM20	10.79 - 08.85	4	1.3	10.82 - 08.85	AKE					DB306QS		
M2	10.79 - 08.85	4	1.3							DB306QS		
CM20	10.82 - 08.85	4	1.8		AKE					DB306QS		
YM21	11.83 - 08.85	4	1.8		AKE					DB306QS		
CM35	10.85 - 08.88	4	1.8							DB306QS		
					AKE, EIZ					DB306QS		
					AKE, ZWZ					DB306QS		
M3	10.85 - 08.88	4	1.5							DB306QS		
			1.8							DB306QS		
	01.86 - 08.88	4	2.0							DB306QS		
CM30	08.88 - 01.92	4	2.0		AKE, ZWZ					DB306QS		
CM36	08.88 - 01.92	4	2.0		AKE, EIZ					DB306QS		
					AKE, ZWZ					DB306QS		
KM30	08.88 - 01.92	4	1.5		AKE, ZWZ					DB306QS		
KM36	08.88 - 01.92	4	1.5		AKE, EIZ					DB306QS		
					AKE, ZWZ					DB306QS		
M3	01.90 - 01.92	4	2.0							DB306QS		
Model F												
CR21	05.83 - 07.88	4	2.0		AKE					DB306QS		
MR2												
AW11	11.84 - 12.89	4	1.6		AKE					DB308QS		
	08.87 - 12.89	4	1.6		AKE					DB308QS		
SW20	12.89 - 12.91	4	2.0							DB308QS		
	12.89 - 08.99	4	2.0								DB1147QS	
ZZW30	12.99 - 08.02	4	1.8							DB1422QS		
Paseo												
EL44	04.91 - 08.95	4	1.5							DB308QS		
EL54R	08.95 - 07.99	4	1.5		AKE					DB308QS		
Prius												
NHW11	05.00 - 08.03	4	1.5							DB1422QS	DB1429QS	
RAV4												
ACA 20/21	05.00 - 07.03	4	2.0							DB1432QS		
Sprinter												
AE102	11.92 - 05.95	4	1.8								DB1147QS	
					AKE						DB1147QS	
					SUM					DB1267QS		
					WW					DB308QS		



Starlet									
EP82	12.89 - 01.96	4	1.3	AKE	DB308QS				
EP91	01.96 - 07.99	4	1.3	AKE	DB308QS				
Supra									
MA70	08.88 - 04.93	6	3.0			DB413QS			
Tarago									
YR20	02.83 - 03.84	4	1.8		DB306QS				
YR21	03.84 - 10.85	4	2.0		DB306QS				
YR31	01.86 - 04.90	4	2.2		DB306QS				
TCR10R	05.90 - 12.00	4	2.4		DB1208QS				
ACR30W	02.00 - 04.03	4	2.4		DB1345QS				
Townace									
KR42V	11.96 - 12.98	4	1.8		DB1372QS				
	12.98 - 12.03	4	1.8		DB1372QS				
4-Runner									
	01.84 - 12.85	4	2.0		DB288QS				
	01.85 - 07.89	4	2.2		DB288QS				
	08.89 - 12.90	4	2.2		DB288QS				
	08.89 - 11.95	4	2.4		DB1149QS				
	10.89 →	4	2.8		DB1149QS				
	01.90 - 11.95	6	3.0		DB1149QS				
RN130	08.91 - 11.95	4	2.4		DB1149QS				
TRIUMPH									
GT6 MK I									
	03.67 - 09.68	6	2.0		DB525QS				
GT6 MK II									
	07.69 - 12.70	6	2.0		DB525QS				
GT6 MK III									
	07.71 - 11.72	6	2.0		DB525QS				
	12.72 - 11.73	6	2.0		DB525QS				
Spitfire Mk I									
	04.63 - 12.65	4	1.1	GIR	DB538QS		DB538UL		
Spitfire Mk II									
	01.66 - 12.67	4	1.1	GIR	DB538QS		DB538UL		
Spitfire Mk III									
	03.67 - 12.67	4	1.3	GIR	DB538QS		DB538UL		
Spitfire Mk IV									
	12.72 - 12.75	4	1.5	GIR	DB538QS		DB538UL		
TR 5									
	10.67 - 09.68	6	2.5		DB525QS				
TR 6									
	07.69 - 12.72	6	2.5		DB525QS				
TR 7									
	06.78 - 08.81	4	2.0	DEP			DB815UL		





◀ TRIUMPH

2500 TC				
05.74 - 04.75	6	2.5		DB625QS
05.75 - 12.77	6	2.5		DB625QS

VOLVO

C70					
09.97 - 07.02	5	2.3	ATE	DB2QS	DB2UL
			15Z,ATE	DB1261QS	DB2030UL
09.97 - 07.98			16Z,ATE	DB1261QS	DB2030UL
			08.98 - 07.02	16Z,ATE	DB1261QS
03.99 - 07.00	5	2.4	ATE	DB2QS	DB2UL
			15Z,ATE	DB1261QS	DB2030UL
08.99 - 07.02	5	2.4	16Z,ATE	DB1261QS	DB2030UL
			ATE	DB2QS	DB2UL
08.99 - 07.02	5	2.4	15Z,ATE	DB1261QS	DB2030UL
			16Z,ATE	DB1261QS	DB2030UL
08.02 - 03.06	5	2.3	ATE	DB2QS	DB2UL
			15Z,ATE	DB1261QS	DB2030UL
			16Z,ATE	DB1261QS	DB2030UL

S40					
09.95 - 07.99	4	2.0	GIR		DB1382UL
			09.95 - 07.97	GIR	
05.97 - 07.99	4	1.9	08.97 - 07.99	GIR	DB1381UL
			GIR		DB1382UL
04.98 - 07.99	4	2.0	05.97 - 07.97	GIR	DB1381UL
			08.97 - 07.99	GIR	DB1381UL
08.99 - 07.00	4	1.9	GIR		DB1382UL
			GIR		DB1382UL
08.99 - 01.04	4	1.8	GIR		DB1382UL
			GIR		DB1382UL
08.00 - 01.04	4	2.0	GIR		DB1382UL
			GIR		DB1382UL
08.01 - 01.04	4	2.0	GIR		DB1382UL
			GIR		DB1382UL
P 11	12.03→	5	2.4	GIR	DB1381UL
			2.5	GIR	DB1381UL

S60						
P 24	11.00 - 07.03	5	2.5	ATE	DB1445UL	DB1456UL
	11.00 - 03.04	5	2.3	ATE	DB1445UL	DB1456UL
	11.00→	5	2.4	ATE	DB1445UL	DB1456UL
	04.04→	5	2.5	ATE	DB1445UL	DB1456UL

S70					
01.97 - 07.99	5	2.5	ATE	DB2QS	DB2UL
			15Z,ATE	DB1261QS	DB2030UL
01.97 - 07.98			16Z,ATE	DB1261QS	DB2030UL
			08.98 - 07.99	16Z,ATE	DB1261QS
01.97 - 07.00	5	2.3	ATE	DB2QS	DB2UL
			15Z,ATE	DB1261QS	DB2030UL
01.97 - 07.98			16Z,ATE	DB1261QS	DB2030UL
			08.98 - 07.00	16Z,ATE	DB1261QS
08.99 - 07.00	5	2.4	15Z,ATE	DB1261QS	DB2030UL
			16Z,ATE	DB1261QS	DB2030UL

S80						
P 23	06.98 - 07.99	6	2.9	ATE	DB1445UL	DB1456UL
	06.98 - 07.01	6	2.8	ATE	DB1445UL	DB1456UL
	08.01 - 07.06	6	2.9	ATE	DB1445UL	DB1456UL
	08.03 - 07.06	5	2.5	ATE	DB1445UL	DB1456UL

S90					
01.97 - 05.98	6	2.9		DB1171QS	
			GIR	DB1198QS	DB1198UL

								Everyday Driving		Demanding Driving
V40										
	01.96 - 07.99	4	2.0		GIR				DB1381UL	DB1382UL
				01.96 - 07.97	GIR				DB1381UL	
	05.97 - 07.99	4	1.9		GIR				DB1381UL	DB1382UL
				05.97 - 07.97	GIR				DB1381UL	
	04.98 - 07.99	4	2.0		GIR				DB1381UL	DB1382UL
	08.99 - 07.00	4	1.9		GIR				DB1381UL	DB1382UL
					GIR				DB1381UL	DB1382UL
	08.99 - 04.04	4	1.8		GIR				DB1381UL	DB1382UL
					GIR				DB1381UL	DB1382UL
	08.01 - 04.04	4	2.0		GIR				DB1381UL	DB1382UL
V70										
	01.97 - 03.00	5	2.3		ATE			DB2QS		DB2UL
					15Z,ATE		DB1261QS		DB2030UL	
				01.97 - 07.98	16Z,ATE		DB1261QS		DB2030UL	
				08.98 - 03.00	16Z,ATE		DB1261QS		DB2030UL	
			2.4		ATE			DB2QS		DB2UL
					15Z,ATE		DB1261QS		DB2030UL	
				01.97 - 07.98	16Z,ATE		DB1261QS		DB2030UL	
				08.98 - 03.00	16Z,ATE		DB1261QS		DB2030UL	
	03.00 - 07.03	5	2.4		ATE				DB1445UL	DB1456UL
	03.00 - 07.04	5	2.3		ATE				DB1445UL	DB1456UL
	03.00 - 07.07	5	2.4		ATE				DB1445UL	DB1456UL
	03.03 - 07.07	5	2.5					DB1171QS		
					ATE				DB1445UL	
					GIR					DB1171UL
	04.04 - 07.07	5	2.5		ATE				DB1445UL	DB1456UL
V90										
	01.97 - 07.98	6	2.9					DB1171QS		
					GIR		DB1198QS		DB1198UL	
										DB1171UL
XC70										
	08.02 - 07.07	5	2.5		ATE				DB1445UL	DB1456UL
	08.04 - 07.07	5	2.4		ATE				DB1445UL	DB1456UL
XC90										
	01.03 - 07.06	6	2.9		316,ATE				DB1445UL	
	01.03→	5	2.5		316,ATE				DB1445UL	
XC90 D5										
	05.05→	5	2.4		316,ATE				DB1445UL	
XC90 V8										
	03.05→	8	4.4		316,ATE				DB1445UL	
XC90 2.5T										
	01.03→	5	2.5		316,ATE				DB1445UL	
XC90 3.2										
	08.06→	6	3.2		316,ATE				DB1445UL	
140										
	08.68 - 07.70	4	2.0		GIR			DB538QS	DB538UL	
	08.70 - 07.73	4	2.0		ATE				DB62UL	
					GIR			DB538QS		
				08.70 - 08.72	GIR				DB538UL	
140 Series										
	09.70 - 07.73	4	2.0		ATE				DB62UL	
					GIR		DB549QS	DB538QS		
				09.70 - 08.72	GIR				DB538UL	

						Everyday Driving		Demanding Driving		
						QikStep		Ultra		
VOLVO										
	08.73 - 07.74	4	2.0	ATE GIR		DB549QS		DB62UL		
160										
	05.69 - 12.72	6	3.0	ABF,ATE GIR			DB538QS	DB62UL DB538UL		
164E										
	09.71 - 07.74	6	3.0	ABF,ATE GIR		DB549QS	DB538QS	DB62UL DB538UL		
240 Series										
	03.75 - 10.80	4	2.1	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
				03.75 - 07.78 ATE				DB62UL		
	10.78 - 07.84	4	2.1	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
	01.81 - 07.84	4	2.3	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
	01.85 - 02.86	4	2.3	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
	03.86 - 07.88	4	2.3	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
	08.88 - 12.91	4	2.3	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
	08.92 - 07.93	4	2.3	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
260 Series										
	08.74 - 07.80	6	2.7	ATE GIR		DB549QS	DB2QS DB538QS		DB2UL	
				08.74 - 07.78 ATE				DB62UL		
	02.81 - 07.84	6	2.8	GIR		DB549QS	DB538QS	DB538UL		
440										
	10.93 - 12.96	4	2.0	ATE Chassis →6386 GIR Chassis 6387→ GIR			DB296UQS		DB296UUL	
								DB2114UL		
								DB1288UL		
740										
	08.84 - 07.89	4	2.3	ABO,GIR ABS,GIR		DB1198QS		DB317UL DB1198UL		
				ATE BSY,BWW			DB2QS		DB2UL	
	08.84 - 07.91	4	2.3	ABO,GIR ABS,GIR		DB1198QS		DB317UL DB1198UL		
				ATE BSY,BWW		DB1169QS	DB2QS		DB2UL	
	08.84 - 07.92	4	2.3	ATE BSY,BWW		DB1169QS	DB2QS		DB2UL	
				08.84 - 07.91 ABO,GIR				DB317UL		
				08.91 - 07.92 ABS,GIR		DB1198QS		DB1198UL		
				GIR		DB1198QS		DB1198UL		
	04.88 - 07.90	4	2.3	ABO,GIR ABS,GIR		DB1198QS		DB317UL DB1198UL		
				ATE BSY,BWW		DB1169QS	DB2QS		DB2UL	
	08.89 - 07.91	4	2.3	ABO,GIR ABS,GIR		DB1198QS		DB317UL DB1198UL		
				ATE BSY,BWW		DB1169QS	DB2QS		DB2UL	



						Everyday Driving		Demanding Driving	
						G1&Stop		Ultra	
760									
02.83 - 12.85	6	2.8					DB1171QS		
				ATE			DB2QS		DB2UL
				BSY,BWW	DB1169QS				
				GIR				DB317UL	DB1171UL
01.86 - 04.86	6	2.8					DB1171QS		
				ATE			DB2QS		DB2UL
				BSY,BWW	DB1169QS				
				GIR				DB317UL	DB1171UL
05.86 - 11.90	6	2.8					DB1171QS		
				ATE			DB2QS		DB2UL
				BSY,BWW	DB1169QS				
				GIR				DB317UL	DB1171UL
			08.90 - 11.90	ABS,GIR	DB1198QS			DB1198UL	
760 Turbo									
01.84 - 07.84	4	2.3					DB2QS		DB2UL
				ATE					
				BSY,BWW	DB1169QS				
				GIR				DB317UL	
08.84 - 12.85	4	2.3					DB1171QS		
				ATE			DB2QS		DB2UL
				BSY,BWW	DB1169QS				
				GIR				DB317UL	DB1171UL
850									
09.91 - 07.97	5	2.5		ATE	DB1261QS	DB2QS	DB2030UL	DB2UL	
09.92 - 07.97	5	2.5		ATE	DB1261QS	DB2QS	DB2030UL	DB2UL	
09.93 - 07.96	5	2.3		ATE	DB1261QS	DB2QS	DB2030UL	DB2UL	
08.95 - 07.97	5	2.3		ATE	DB1261QS	DB2QS	DB2030UL	DB2UL	
09.95 - 07.97	5	2.5		ATE	DB1261QS	DB2QS	DB2030UL	DB2UL	
09.96 - 07.97	5	2.5		ATE	DB1261QS	DB2QS	DB2030UL	DB2UL	
940									
12.90 - 07.92	4	2.3					DB1171QS		
				ABO,GIR				DB317UL	
				ABS,GIR	DB1198QS			DB1198UL	
				ATE		DB2QS			DB2UL
				BSY,BWW	DB1169QS				
				GIR					DB1171UL
12.90 - 12.93	4	2.3					DB1171QS		
				ATE			DB2QS		DB2UL
				GIR					DB1171UL
			12.90 - 08.93	ABO,GIR				DB317UL	
				ABS,GIR	DB1198QS			DB1198UL	
				BSY,BWW	DB1169QS				
			09.93 - 12.93	GIR	DB1198QS			DB1198UL	
06.91 - 07.95	4	2.3					DB1171QS		
				ATE			DB2QS		DB2UL
				BSY,BWW	DB1169QS				
				GIR					DB1171UL
			06.91 - 08.93	ABO,GIR				DB317UL	
				ABS,GIR	DB1198QS			DB1198UL	
			09.93 - 07.95	GIR	DB1198QS			DB1198UL	
05.95 - 12.96	4	2.3					DB1171QS		
				ATE			DB2QS		DB2UL
				GIR	DB1198QS			DB1198UL	DB1171UL
960									
09.90 - 07.91	6	2.8		ABS,GIR	DB1198QS			DB1198UL	
				ATE		DB2QS			DB2UL
				BSY	DB1169QS				
				GIR				DB317UL	
12.91 - 02.97	6	3.0		GIR			DB1171QS		
			12.91 - 08.93	ABO,GIR				DB317UL	
				ABS,GIR	DB1198QS			DB1198UL	
				ATE		DB2QS			DB2UL
			09.93 - 02.97	GIR	DB1198QS			DB1198UL	DB1171UL



VW (VOLKSWAGEN)

Bora							
1J2	09.98 - 02.01	5	2.3		DB1449QS DB1192QS	DB2048UL DB2022UL	DB1192UL
				GIR 312			
	09.98 - 04.99			Chassis →1J..X..800 000 252,ATE	DB1405QS		DB2042UL
				Chassis →1J..X..800 000 288,ATE			DB2042UL
	05.99 - 02.01			Chassis 1J..Y..000 001→ 228,252			DB2050UL
				Chassis 1J..Y..000 001→ 288			DB2048UL
	09.98 - 05.05	4	2.0		DB1449QS DB1192QS	DB2048UL DB2022UL	DB1192UL
				GIR 312			
	09.98 - 04.99			Chassis →1J..X..800 000 252,ATE	DB1405QS		DB2042UL
				Chassis →1J..X..800 000 288,ATE			DB2042UL
	05.99 - 05.05			Chassis 1J..Y..000 001→ 228,252			DB2050UL
				Chassis 1J..Y..000 001→ 288			DB2048UL
	01.99 - 02.01	5	2.3		DB1449QS DB1192QS	DB2048UL DB2022UL	DB1192UL
				GIR 312			
	01.99 - 04.99			Chassis →1J..X..800 000 252,ATE	DB1405QS		DB2042UL
				Chassis →1J..X..800 000 288,ATE			DB2042UL
	05.99 - 02.01			Chassis 1J..Y..000 001→ 228,252			DB2050UL
				Chassis 1J..Y..000 001→ 288			DB2048UL
	01.00 - 04.01	6	2.8		DB1449QS	DB2022UL	
				ATE	DB1405QS		DB2048UL
				GIR			DB1192UL
				228,252			DB2050UL
				288,312			DB2048UL
1J6	05.00 - 02.01	5	2.3		DB1449QS	DB2022UL	
				ATE	DB1405QS		DB2048UL
				GIR			DB1192UL
				228,252			DB2050UL
				288,312			DB2048UL
1J2	09.00 - 05.05	5	2.3		DB1449QS	DB2022UL	
				ATE	DB1405QS		DB2048UL
				GIR			DB1192UL
				228,252			DB2050UL
				288,312			DB2048UL
	05.01 - 05.05	6	2.8		DB1449QS	DB2022UL	
				ATE	DB1405QS		DB2048UL
				GIR			DB1192UL
				228,252			DB2050UL
				288,312			DB2048UL
Bus							
24, 25	08.85 - 07.92	4	2.1	ATE,FES FSB,GIR		DB84UL DB1139UL	
Caddy							
2KA, 2KB	02.04→	4	1.9	ATE 228	DB1405QS	DB2022UL DB2050UL	
Caddy 1.9 TDI							
2KA, 2KB	06.05→	4	1.9	228		DB2050UL	





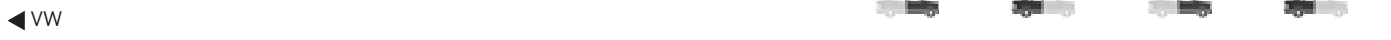
Caravelle						
70	09.90 - 06.03	4	2.0	XXX		DB2038UL
				280,GIR	DB1389QS	
	09.90 - 04.99			Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC		DB1290UL
				Chassis →70..X..250 000, PR no. 1LP 281,GIR		DB1349UL
				Chassis →70..X..250 000, PR no. 1LU 284,ATE		DB2038UL
	05.99 - 06.03			Chassis 70..Y..000 001→, PR no. 1LE 284,LUC		DB2058UL
				Chassis 70..Y..000 001→, PR no. 1LP 281,GIR		DB2056UL
				Chassis 70..Y..000 001→, PR no. 1LU 284,ATE		DB2054UL
	11.90 - 12.93	5	2.5	PR no. 1LE 284,GIR,LUC		DB1290UL
				PR no. 1LP 281,GIR		DB1349UL
				PR no. 1LU 284,ATE		DB2038UL
				280,GIR	DB1389QS	
	07.94 - 10.96	5	2.5	PR no. 1LE 284,GIR,LUC		DB1290UL
				PR no. 1LP 281,GIR		DB1349UL
				PR no. 1LU 284,ATE		DB2038UL
				280,GIR	DB1389QS	
	01.95 - 06.03	5	2.5	280,GIR	DB1389QS	
	01.95 - 04.99			Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC		DB1290UL
				Chassis →70..X..250 000, PR no. 1LP 281,GIR		DB1349UL
				Chassis →70..X..250 000, PR no. 1LU 284,ATE		DB2038UL
	05.99 - 06.03			Chassis 70..Y..000 001→, PR no. 1LE 284,LUC		DB2058UL
				Chassis 70..Y..000 001→, PR no. 1LP 281,GIR		DB2056UL
				Chassis 70..Y..000 001→, PR no. 1LU 284,ATE		DB2054UL
	08.96 - 06.03	5	2.5	280,GIR	DB1389QS	
	08.96 - 04.99			Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC		DB1290UL
				Chassis →70..X..250 000, PR no. 1LP 281,GIR		DB1349UL
				Chassis →70..X..250 000, PR no. 1LU 284,ATE		DB2038UL

									Everyday Driving		Demanding Driving	
◀ VW												
70	08.96 - 06.03	5	2.5	05.99 - 06.03	Chassis 70..Y..000 001→, PR no. 1LE 284,LUC						DB2058UL	
					Chassis 70..Y..000 001→, PR no. 1LP 281,GIR						DB2056UL	
					Chassis 70..Y..000 001→, PR no. 1LU 284,ATE						DB2054UL	
	05.99 - 06.03	0	2.5		PR no. 1LE 284,LUC						DB2058UL	
					PR no. 1LP 281,GIR						DB2056UL	
					PR no. 1LU 284,ATE						DB2054UL	
					280,GIR			DB1389QS				
	05.00 - 06.03	6	2.8		PR no. 1LE 284,LUC						DB2058UL	
					PR no. 1LP 281,GIR						DB2056UL	
					PR no. 1LU 284,ATE 280,GIR				DB1389QS		DB2054UL	
Eos												
1F7	05.06→	4	2.0		PR no. 1KD 255,GIR				DB1192QS			DB1192UL
Golf												
17	03.76 - 07.77	4	1.6		ATE						DB128UL	
					1LM,KEL					DB400UL		
					239,KEL						DB399UL	
	03.76 - 07.79	4	1.6		ATE						DB128UL	
					FSB,KEL						DB399UL	
					KEL,TW						DB400UL	
Golf I Cabriolet												
15	07.90 - 08.93	4	1.8		KEL						DB399UL	
Golf II												
19, 1G	07.90 - 11.92	4	1.8						DB1449QS			
					GIR				DB1192QS		DB1192UL	
					1LA,KEL					DB2062UL		
					1LM,KEL					DB400UL		
					1LY,GIR	DB1325QS			DB1325UL			
239,KEL					DB399UL							
Golf III												
1H1	04.94 - 09.94	4	2.0						DB1449QS			
					ABO,GIR				DB1192QS		DB1192UL	
					ABS,GIR				DB1192QS		DB1192UL	
					1LM,KEL					DB400UL		
					1LY,GIR	DB1325QS			DB1325UL			
					228,BVA,GIR				DB1327WUL			
					228,256,GIR,OVA				DB1310UL			
					239,WWW				DB2040UL			
					288,ATE				DB2042UL			



						Everyday Driving		Demanding Driving	
						GlikStep		Ultra	
◀ VW									
1J1	10.97 - 05.03	4	1.8			DB1449QS			
						DB1192QS			DB1192UL
				232,252,GIR					
				288,312				DB2048UL	
	10.97 - 04.99			Chassis →1J..X..800 000	DB1405QS			DB2022UL	
				228,252,ATE					
				Chassis →1J..X..800 000				DB2042UL	
				288,ATE					
	05.99 - 05.03			Chassis 1J..Y..000 001→				DB2050UL	
				228,252					
				Chassis 1J..Y..000 001→				DB2048UL	
				288					
	10.97 - 05.04	4	1.6			DB1449QS			
						DB1192QS			DB1192UL
				232,252,GIR					
	10.97 - 04.99			Chassis →1J..X..800 000	DB1405QS			DB2022UL	
				228,252,ATE					
				Chassis →1J..X..800 000				DB2042UL	
				288,ATE					
	05.99 - 05.04			Chassis 1J..Y..000 001→				DB2050UL	
				228,252					
				Chassis 1J..Y..000 001→				DB2048UL	
				288					
	01.98 - 05.04	4	1.6			DB1449QS			
						DB1192QS			DB1192UL
				232,252,GIR					
	01.98 - 04.99			Chassis →1J..X..800 000	DB1405QS			DB2022UL	
				228,252,ATE					
				Chassis →1J..X..800 000				DB2042UL	
				288,ATE					
	05.99 - 09.03			Chassis 1J..Y..000 001→				DB2048UL	
				288					
	05.99 - 05.04			Chassis 1J..Y..000 001→				DB2050UL	
				228,252					
	08.98 - 05.04	4	2.0			DB1449QS			
						DB1192QS			DB1192UL
				232,252,GIR					
	08.98 - 04.99			Chassis →1J..X..800 000	DB1405QS			DB2048UL	
				228,252,ATE				DB2022UL	
				Chassis →1J..X..800 000				DB2042UL	
				288,ATE					
	05.99 - 05.04			Chassis 1J..Y..000 001→				DB2050UL	
				228,252					
				Chassis 1J..Y..000 001→				DB2048UL	
				288					
	09.00 - 05.04	4	1.6			DB1449QS			
						DB1405QS		DB2022UL	
				ATE				DB2050UL	
				228,252					
				232,252,GIR		DB1192QS			DB1192UL
				288				DB2048UL	
	07.03 - 02.04	4	2.0					DB2050UL	
								DB2022UL	
				ATE	DB1405QS				
1J1	10.03 - 05.04	6	3.2			DB1449QS			
						DB1192QS			DB1192UL
				GIR					
Golf IV Cabriolet									
1E7	04.98 - 12.01	4	2.0				DB1449QS		
					DB1325QS	DB1192QS		DB1325UL	DB1192UL
				GIR					
				256,GIR				DB1310UL	
Golf Plus 1.9 TDI									
5M1	05.06→	4	1.9				DB1192QS		DB1192UL
				PR no. 1KD					
				255,GIR					
Golf V									
1K1	10.03 - 02.06	4	1.9				DB1449QS		
					DB1405QS			DB2022UL	
				ATE				DB2050UL	
				PR no. 1ZM					
				228					
				255,GIR		DB1192QS			DB1192UL

								Everyday Driving		Demanding Driving
1K1	10.03→	4	2.0					DB1449QS		
						ATE	DB1405QS		DB2022UL	
						PR no. 1ZM			DB2050UL	
						228				
						255,GIR		DB1192QS		DB1192UL
	01.04 - 05.05	4	1.6					DB1449QS		
						ATE	DB1405QS		DB2022UL	
						PR no. 1ZM			DB2050UL	
						228				
						255,GIR		DB1192QS		DB1192UL
	08.04 - 11.05	4	2.0					DB1449QS		
						ATE	DB1405QS		DB2022UL	
						PR no. 1ZM			DB2050UL	
						228				
						255,GIR		DB1192QS		DB1192UL
	12.04→	4	2.0					DB1449QS		
						ATE	DB1405QS		DB2022UL	
						PR no. 1ZM			DB2050UL	
						228				
						255,GIR		DB1192QS		DB1192UL
Golf V 1.4 TSI										
1K1	11.05→	4	1.4						DB2050UL	
						PR no. 1ZM				
						228				
						255,GIR		DB1192QS		DB1192UL
Golf V 1.9 TDI										
1K1	02.06→	4	1.9						DB2050UL	
						PR no. 1ZM				
						228				
						255,GIR		DB1192QS		DB1192UL
Golf V 2.0 FSI										
1K1	11.05→	4	2.0						DB2050UL	
						PR no. 1ZM				
						228				
						255,GIR		DB1192QS		DB1192UL
Golf V 2.0 TDI										
1K1	11.05→	4	2.0						DB2050UL	
						PR no. 1ZM				
						228				
						255,GIR		DB1192QS		DB1192UL
Golf V 2.0 TDI Variant										
1K5	05.07→	4	2.0					DB1449QS		
						PR no. 1ZM			DB2050UL	
						228				
Jetta										
1K2	08.05 - 11.05	4	2.0					DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		DB2022UL
						ATE			DB2050UL	
						228		DB1405QS		



New Beetle

1C1, 9C1	01.98 - 10.01	4	2.0				DB1449QS		
							DB1192QS		DB1192UL
									DB2048UL
	01.98 - 05.99								DB2042UL
						DB1405QS			DB2022UL
	06.99 - 10.01								DB2048UL
									DB2050UL
11.98 - 06.05	4	2.0					DB1449QS		
							DB1192QS		DB1192UL
									DB2048UL
	11.98 - 05.99								DB2042UL
						DB1405QS			DB2022UL
	06.99 - 06.05								DB2048UL
									DB2050UL
06.00 - 06.04	4	1.8					DB1449QS		
							DB1192QS		DB1192UL
									DB2048UL
									DB2050UL
06.00 - 06.05	4	1.6					DB1449QS		
							DB1192QS		DB1192UL
									DB2048UL
									DB2050UL
10.00 →	4	1.8					DB1449QS		
							DB1192QS		DB1192UL
									DB2048UL
									DB2050UL



1C1, 9C1	06.02→	4	1.6	PR no. 1KS, PR no. 1KV, PR no. 1KY GIR	DB1449QS			DB1192UL	
				PR no. 1ZD, PR no. 1ZE, PR no. 1LJ 288,312			DB2048UL		
	07.05→	4	1.9	PR no. 1ZM, PR no. 1ZP 228	DB2050UL				
				PR no. 1KS, PR no. 1KV, PR no. 1KY GIR	DB1449QS			DB1192UL	
				PR no. 1ZD, PR no. 1ZE, PR no. 1LJ 288,312			DB2048UL		
				PR no. 1ZM, PR no. 1ZP 228			DB2050UL		
New Beetle Cabriolet									
1Y7	01.03 - 06.05	4	2.0	ATE	DB1405QS			DB2022UL	
				PR no. 1KS, PR no. 1KV GIR	DB1192QS			DB1192UL	
				PR no. 1ZD, PR no. 1ZE 288			DB2048UL		
				PR no. 1ZM 228			DB2050UL		
01.03→	4	2.0		PR no. 1ZM, PR no. 1ZP 228			DB2050UL		
				ATE	DB1449QS				
				PR no. 1ZD, PR no. 1ZE 288	DB1405QS			DB2022UL	
				PR no. 1ZM 228			DB2048UL		
				PR no. 1ZM, PR no. 1ZP 228			DB2050UL		
				01.03 - 11.06 Chassis →1Y..7..413 420, PR no. 1KS, PR no. 1KV GIR	DB1192QS			DB1192UL	
New Beetle 2.0									
1C1, 9C1	06.01→	4	2.0	PR no. 1KS, PR no. 1KV, PR no. 1KY GIR	DB1192QS			DB1192UL	
				PR no. 1ZD, PR no. 1ZE, PR no. 1LJ 288,312			DB2048UL		
				PR no. 1ZM, PR no. 1ZP 228			DB2050UL		
Passat									
32/33	07.73 - 08.75	4	1.5	1LA,ATE				DB128UL	
				1LM,ATE,SSB 239,KEL			DB128UL		
	02.76 - 07.79	4	1.6		1LA,ATE				DB128UL
					1LM,ATE,SSB			DB128UL	
				08.78 - 07.79 Chassis 329 2000 001→ 239,GFS,KEL			DB399UL		
	03.77 - 07.79	4	1.6					DB128UL	
				1LA,ATE				DB128UL	
				1LM,ATE,SSB 239,KEL				DB399UL	



						Everyday Driving		Demanding Driving	
						GixStep		Ultra	
◀ VW									
31, 35, 3A, 3A5, 3A2	07.95 - 03.97	4	2.0			DB1449QS			
				Chassis PE/PB 080 001→GIR		DB1192QS		DB1192UL	
				Chassis →PE/PB 080 000 GIR		DB1192QS		DB1192UL	
				GIR 256,GIR		DB1325QS		DB1325UL DB1310UL	
	08.95 - 03.97	6	2.8			DB1449QS			
				ATE				DB2042UL	
				Chassis PE/PB 080 001→GIR		DB1192QS		DB1192UL	
				Chassis →PE/PB 080 000 GIR		DB1192QS		DB1192UL	
3B2	10.96 - 11.00	4	1.8			DB1449QS			
				GIR 282,ATE		DB1192QS		DB1192UL	
				10.96 - 04.99 Chassis →3B..X..600 000 228				DB2044UL DB2052UL	
		5	2.3			DB1449QS			
				GIR 282,ATE		DB1192QS		DB1192UL	
				10.96 - 04.99 Chassis →3B..X..600 000 228				DB2044UL DB2052UL	
	12.96 - 01.99	4	1.8			DB1449QS			
				GIR 228		DB1192QS		DB1192UL	
				282,ATE				DB2052UL DB2044UL	
	01.97 - 11.00	6	2.8			DB1449QS			
				GIR 282,ATE		DB1192QS		DB1192UL	
				01.97 - 04.99 Chassis →3B..X..600 000 228				DB2044UL DB2044UL DB2052UL	
06.97 - 11.00	5	2.3			DB1449QS				
			GIR 282,288,ATE,OVA		DB1192QS		DB1192UL		
			06.97 - 04.99 Chassis →3B..X..600 000 228				DB2044UL DB2052UL		
	6	2.8			DB1449QS				
			GIR 282,288,ATE,OVA		DB1192QS		DB1192UL		
			06.97 - 04.99 Chassis →3B..X..600 000 228				DB2044UL DB2052UL		
3B5	06.97 - 11.00	6	2.8			DB1449QS			
				GIR 282,ATE		DB1192QS		DB1192UL	
	282,288,ATE,OVA				DB2044UL DB2044UL				
	06.97 - 04.99 Chassis →3B..X..600 000 228				DB2052UL				
09.97 - 11.00	5	2.3			DB1449QS				
			GIR 282,ATE		DB1192QS		DB1192UL		
			282,288,ATE,OVA				DB2044UL DB2044UL		
09.97 - 04.99 Chassis →3B..X..600 000 228				DB2052UL					
3B2	08.98 - 11.00	4	1.8			DB1449QS			
				GIR 282,ATE		DB1192QS		DB1192UL	
	08.98 - 04.99 Chassis →3B..X..600 000 228				DB2044UL DB2052UL				
01.99 - 11.00	4	1.8			DB1449QS				
			GIR 282,ATE		DB1192QS		DB1192UL		
			282,288,ATE,OVA				DB2044UL DB2044UL		
01.99 - 04.99 Chassis →3B..X..600 000 228				DB2052UL					



						Everyday Driving		Demanding Driving			
						GIR/Stop		Ultra			
3B5	01.99 - 11.00	4	1.8			DB1449QS					
				GIR		DB1192QS		DB1192UL			
				282,ATE				DB2044UL			
				282,288,ATE,OVA				DB2044UL			
	01.99 - 04.99			Chassis →3B..X..600 000 228				DB2052UL			
3B2	02.99 - 11.00	4	1.8			DB1449QS					
				GIR		DB1192QS		DB1192UL			
				282,ATE				DB2044UL			
				282,288,ATE,OVA				DB2044UL			
	02.99 - 04.99			Chassis →3B..X..600 000 228				DB2052UL			
3B5	02.99 - 11.00	4	1.8			DB1449QS					
				GIR		DB1192QS		DB1192UL			
				282,ATE				DB2044UL			
				282,288,ATE,OVA				DB2044UL			
	02.99 - 04.99			Chassis →3B..X..600 000 228				DB2052UL			
3B3	10.00 - 05.05	4	1.8			DB1449QS					
				GIR		DB1192QS		DB1192UL			
						DB1449QS					
				5	2.3	GIR		DB1192QS		DB1192UL	
				6	2.8	GIR		DB1449QS			
			05.02 - 09.04	8	4.0	GIR		DB1192QS		DB1192UL	
Polo											
6N1	10.96 - 12.99	4	1.6			DB1449QS					
				Chassis 6N..TY140 001→, 6N..TWO70 001→ 1LX,WW,XXX				DB2100UL			
				1LA,KEL				DB399UL			
				1LA,WW,XXX				DB399UL			
6N2	01.99 - 09.01	4	1.4			DB1449QS					
				GIR		DB1192QS		DB1192UL			
				1LX,WW,XXX				DB2100UL			
9N1	09.01 - 05.04	4	1.4			DB1449QS					
				ATE		DB1405QS		DB2022UL			
				252				DB2050UL			
					03.03 - 05.04			Chassis 9N..3..210 001→ GIR		DB1192QS	
	06.03→	4	1.6			DB1449QS					
				ATE		DB1405QS		DB2022UL			
				GIR		DB1192QS		DB1192UL			
9N2	07.03→	4	1.4			DB1449QS					
				ATE		DB1405QS		DB2022UL			
				PR no. 1KS, PR no. 1KK, PR no. 1KT				DB1192QS		DB1192UL	
				GIR PR no. 1ZG 252						DB2050UL	
9N3	04.05 - 05.07	4	1.4			DB1449QS					
				PR no. 1KD, PR no. 1KS, PR no. 1KV				DB1192QS		DB1192UL	
				GIR						DB2100UL	
				PR no. 1LM, PR no. 1ZN 1LX,OB,WW,XXX						DB2022UL	
				PR no. 1LQ, PR no. 1ZF 252,ATE,OB		DB1405QS				DB2022UL	
				PR no. 1LR, PR no. 1ZG 252,MVB						DB2050UL	

									Everyday Driving		Demanding Driving	
◀ VW												
9N3	04.05→	4	1.9	PR no. 1KD, PR no. 1KS, PR no. 1KV GIR					DB1192QS		DB1192UL	
				PR no. 1LM, PR no. 1ZN 1LX,OBB,WW,XXX						DB2100UL		
	PR no. 1LQ, PR no. 1ZF 252,ATE,OBB				DB1405QS		DB2022UL					
	PR no. 1LR, PR no. 1ZG 252,MVB						DB2050UL					
	08.05→	4	1.8	PR no. 1KD, PR no. 1KS, PR no. 1KV GIR					DB1449QS		DB1192UL	
				PR no. 1KD, PR no. 1KS, PR no. 1KV GIR					DB1192QS		DB1192UL	
	05.06→	4	1.6	PR no. 1KD, PR no. 1KS, PR no. 1KV GIR					DB1192QS		DB1192UL	
				PR no. 1LM, PR no. 1ZN 1LX,OBB,WW,XXX						DB2100UL		
				PR no. 1LQ, PR no. 1ZF 252,ATE,OBB				DB1405QS		DB2022UL		
				PR no. 1LR, PR no. 1ZG 252,MVB						DB2050UL		
Polo 1.4 FSI												
9N3	05.06→	4	1.4	PR no. 1KD, PR no. 1KS, PR no. 1KV GIR					DB1192QS		DB1192UL	
				PR no. 1LM, PR no. 1ZN 1LX,WW,XXX						DB2100UL		
				PR no. 1LQ, PR no. 1ZF 252,ATE,OBB				DB1405QS		DB2022UL		
				PR no. 1LR, PR no. 1ZG 252,MVB						DB2050UL		
Transporter												
21-27	08.75 - 07.77	4	2.0	ATE						DB84UL		
24, 25	01.83 - 07.85	4	1.9	ATE,FES						DB84UL		
				FSB,GIR						DB1139UL		
70	07.85 - 07.92	4	2.1	ATE,FES						DB84UL		
				FSB,GIR						DB1139UL		
	08.85 - 07.92	4	2.1	ATE,FES						DB84UL		
				FSB,GIR						DB1139UL		
09.90 - 05.98	5	2.4	PR no. 1LE 284,GIR,LUC						DB1290UL			
			PR no. 1LP 281,GIR						DB1349UL			
			PR no. 1LU 284,ATE						DB2038UL			
			280,GIR						DB1389QS			
			280,GIR						DB1389QS			
			09.90 - 04.99	4	2.0	Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC						DB1290UL
						Chassis →70..X..250 000, PR no. 1LP 281,GIR						DB1349UL
			05.99 - 06.03	4	2.0	Chassis →70..X..250 000, PR no. 1LU 284,ATE						DB2038UL
						Chassis 70..Y..000 001→, PR no. 1LE 284,LUC						DB2058UL
						Chassis 70..Y..000 001→, PR no. 1LP 281,GIR						DB2056UL
Chassis 70..Y..000 001→, PR no. 1LU 284,ATE								DB2054UL				



								Everyday Driving		Demanding Driving
70	11.90 - 12.93	5	2.5							DB1290UL
										DB1349UL
										DB2038UL
									DB1389QS	
7D	11.92 - 12.93	5	2.5							DB1290UL
										DB1349UL
										DB2038UL
									DB1389QS	
	11.92 - 09.98	5	2.4							DB1290UL
										DB1349UL
										DB2038UL
									DB1389QS	
70	01.94 - 10.96	5	2.5							DB1290UL
										DB1349UL
										DB2038UL
									DB1389QS	
	01.95 - 06.03	5	2.5							DB1389QS
				01.95 - 04.99	Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC					DB1290UL
					Chassis →70..X..250 000, PR no. 1LP 281,GIR					DB1349UL
					Chassis →70..X..250 000, PR no. 1LU 284,ATE					DB2038UL
					280,GIR				DB1389QS	
				05.99 - 06.03	Chassis 70..Y..000 001→, PR no. 1LE 284,LUC					DB2058UL
					Chassis 70..Y..000 001→, PR no. 1LP 281,GIR					DB2056UL
					Chassis 70..Y..000 001→, PR no. 1LU 284,ATE					DB2054UL
					280,GIR				DB1389QS	
	08.96 - 06.03	5	2.5							DB1290UL
				08.96 - 04.99	Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC					DB1349UL
					Chassis →70..X..250 000, PR no. 1LP 281,GIR					DB2038UL
					Chassis →70..X..250 000, PR no. 1LU 284,ATE					DB2058UL
					280,GIR				DB1389QS	
				05.99 - 06.03	Chassis 70..Y..000 001→, PR no. 1LE 284,LUC					DB2058UL
					Chassis 70..Y..000 001→, PR no. 1LP 281,GIR					DB2056UL
					Chassis 70..Y..000 001→, PR no. 1LU 284,ATE					DB2054UL



				Everyday Driving		Demanding Driving	
◀ VW							
7D	03.98 - 06.03	5	2.5	280,GIR		DB1389QS	
			03.98 - 04.99	Chassis →70..X..250 000, PR no. 1LE 284,GIR,LUC			DB1290UL
				Chassis →70..X..250 000, PR no. 1LP 281,GIR			DB1349UL
				Chassis →70..X..250 000, PR no. 1LU 284,ATE			DB2038UL
			05.99 - 06.03	Chassis 70..Y..000 001→, PR no. 1LE 284,LUC			DB2058UL
				Chassis 70..Y..000 001→, PR no. 1LP 281,GIR			DB2056UL
				Chassis 70..Y..000 001→, PR no. 1LU 284,ATE			DB2054UL
70	05.99 - 06.03	5	2.5	PR no. 1LE 284,LUC			DB2058UL
				PR no. 1LP 281,GIR			DB2056UL
				PR no. 1LU 284,ATE			DB2054UL
7D	04.01 - 06.03	5	2.5	280,GIR		DB1389QS	
				PR no. 1LE 284,LUC			DB2058UL
				PR no. 1LP 281,GIR			DB2056UL
				PR no. 1LU 284,ATE			DB2054UL
70	04.01 - 06.03	5	2.5	PR no. 1LE 284,LUC			DB2058UL
				PR no. 1LP 281,GIR			DB2056UL
				PR no. 1LU 284,ATE			DB2054UL
				280,GIR		DB1389QS	
Vento							
1H2	07.95 - 03.97	4	2.0			DB1449QS	
				GIR		DB1192QS	DB1192UL
				GIR,WW		DB1192QS	DB1192UL
				228,256,GIR			DB1310UL
				239,VWW			DB2040UL
				288,ATE			DB2042UL
			07.95 - 12.95	Chassis →1H..TW028 355 1LM,KEL			DB400UL
			07.95 - 04.96	1LY,GIR	DB1325QS		DB1325UL
			01.96 - 03.97	Chassis 1H..TW028 356→ 1LM,ATE			DB1407UL



Buyers guide

Application by part number



**DB2QS****ALFA ROMEO**

Alfetta		4	2.0	07.78 - 12.84
Giulietta		4	1.6	10.77 - 04.85
			1.8	04.79 - 04.85
GT Junior		4	1.3	08.66 - 12.77
			1.6	06.72 - 08.75
GTV		4	2.0	04.71 - 12.77
				07.78 - 01.86
Spider	105	4	1.3	05.68 - 10.78
			1.6	06.71 - 10.79

AUDI

100	43, 80, C1	4	1.9	09.71 - 07.76
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BMW

1602	E 10	4	1.6	05.71 - 07.75
2002	E 10	4	2.0	02.68 - 07.75

MERCEDES-BENZ

220	W115	4	2.2	01.68 - 07.73
220D	W115	4	2.2	01.68 - 01.77
230CE	W123	4	2.3	04.80 - 12.85
230E	W123	4	2.3	04.80 - 12.85
230TE	W123	4	2.3	04.80 - 12.85
230.4	W115	4	2.3	08.73 - 12.76
230.6	W114	6	2.3	08.73 - 11.76
240D	W115	4	2.4	07.73 - 01.77
	W123	4	2.4	02.76 - 11.85
250	W114	6	2.5	01.68 - 06.72
			2.8	07.72 - 11.76
250C	W114	6	2.8	07.72 - 11.76
250CE	W114	6	2.5	04.69 - 04.72
280	W114	6	2.8	06.72 - 11.76
280C	W114	6	2.8	06.72 - 02.77
280CE	W114	6	2.8	06.72 - 01.77
	W123	6	2.8	03.77 - 11.85
280E	W114	6	2.8	06.72 - 11.76
	W123	6	2.8	02.76 - 11.85
280S	W116	6	2.8	08.72 - 12.75
280SE	W116	6	2.8	09.72 - 07.76
				08.76 - 07.80
	W126	6	2.8	10.79 - 07.85
280SL	W107	6	2.8	08.74 - 05.76
280SLC	W107	6	2.8	08.74 - 05.76
280TE	W123	6	2.8	02.76 - 11.85
300D	W123	5	3.0	02.76 - 11.85
300SE	W126	6	3.0	09.85 - 06.91
				09.89 - 06.91
300TD	W123	5	3.0	02.76 - 11.85
350SE	W116	8	3.5	08.72 - 02.76
350SEL	W116	8	3.5	01.75 - 02.76
350SL	W107	8	3.5	05.71 - 02.76
				03.76 - 02.80
350SLC	W107	8	3.5	01.72 - 02.76
				03.76 - 02.80
380SE / SEL	W126	8	3.8	12.79 - 08.85
380SEC	W126	8	3.8	10.81 - 07.85
380SL	W107	8	3.8	07.80 - 08.85
420SEL	W126	8	4.2	09.85 - 06.91
450SE	W116	8	4.5	01.73 - 11.75
				12.75 - 04.80
450SEL	W116	8	4.5	01.73 - 11.75
				12.75 - 04.80
				6.8
450SL	W107	8	4.5	01.73 - 11.75
				12.75 - 10.80
450SLC	W107	8	4.5	01.73 - 11.75
				12.75 - 09.80

500SEC	W126	8	5.0	10.81 - 08.85
560SEC	W126	8	5.6	10.85 - 06.91
560SEL	W126	8	5.6	10.85 - 06.91
560SL	W107	8	5.6	09.85 - 08.89

VOLVO

C70		5	2.3	09.97 - 07.02
				08.02 - 03.06
			2.4	03.99 - 07.00
				08.99 - 07.02
S70		5	2.3	01.97 - 07.00
			2.5	01.97 - 07.99
V70		5	2.3	01.97 - 03.00
			2.4	01.97 - 03.00
240 Series		4	2.1	03.75 - 10.80
			2.3	10.78 - 07.84
				01.81 - 07.84
				01.85 - 02.86
				03.86 - 07.88
				08.88 - 12.91
				08.92 - 07.93
260 Series		6	2.7	08.74 - 07.80
740		4	2.3	08.84 - 07.89
				08.84 - 07.91
				08.84 - 07.92
				04.88 - 07.90
				08.89 - 07.91
760		6	2.8	02.83 - 12.85
				01.86 - 04.86
				05.86 - 11.90
760 Turbo		4	2.3	01.84 - 07.84
				08.84 - 12.85
850		5	2.3	09.93 - 07.96
				08.95 - 07.97
			2.5	09.91 - 07.97
				09.92 - 07.97
				09.95 - 07.97
				09.96 - 07.97
940		4	2.3	12.90 - 07.92
				12.90 - 12.93
				06.91 - 07.95
				05.95 - 12.96
960		6	2.8	09.90 - 07.91
			3.0	12.91 - 08.93

DB2UL**ALFA ROMEO**

Alfetta		4	2.0	07.78 - 12.84
Giulietta		4	1.6	10.77 - 04.85
			1.8	04.79 - 04.85
GT Junior		4	1.3	08.66 - 12.77
			1.6	06.72 - 08.75
GTV		4	2.0	04.71 - 12.77
				07.78 - 01.86
Spider	105	4	1.3	05.68 - 10.78
			1.6	06.71 - 10.79

AUDI

100	43, 80, C1	4	1.9	09.71 - 07.76
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BMW

1602	E 10	4	1.6	05.71 - 07.75
2002	E 10	4	2.0	02.68 - 07.75

MERCEDES-BENZ

220	W115	4	2.2	01.68 - 07.73
220D	W115	4	2.2	01.68 - 01.77
230CE	W123	4	2.3	04.80 - 12.85



◀ DB2UL

230E	W123	4	2.3	04.80 - 12.85
230TE	W123	4	2.3	04.80 - 12.85
230.4	W115	4	2.3	08.73 - 12.76
230.6	W114	6	2.3	08.73 - 11.76
240D	W115	4	2.4	07.73 - 01.77
	W123	4	2.4	02.76 - 11.85
250	W114	6	2.5	01.68 - 06.72
			2.8	07.72 - 11.76
250C	W114	6	2.8	07.72 - 11.76
250CE	W114	6	2.5	04.69 - 04.72
280	W114	6	2.8	06.72 - 11.76
280C	W114	6	2.8	06.72 - 02.77
280CE	W114	6	2.8	06.72 - 01.77
	W123	6	2.8	03.77 - 11.85
280E	W114	6	2.8	06.72 - 11.76
	W123	6	2.8	02.76 - 11.85
280S	W116	6	2.8	08.72 - 12.75
280SE	W116	6	2.8	09.72 - 07.76
				08.76 - 07.80
	W126	6	2.8	10.79 - 07.85
280SL	W107	6	2.8	08.74 - 05.76
280SLC	W107	6	2.8	08.74 - 05.76
280TE	W123	6	2.8	02.76 - 11.85
300D	W123	5	3.0	02.76 - 11.85
300SE	W126	6	3.0	09.85 - 06.91
				09.89 - 06.91
300TD	W123	5	3.0	02.76 - 11.85
350SE	W116	8	3.5	08.72 - 02.76
350SEL	W116	8	3.5	01.75 - 02.76
350SL	W107	8	3.5	05.71 - 02.76
				03.76 - 02.80
350SLC	W107	8	3.5	01.72 - 02.76
				03.76 - 02.80
380SE / SEL	W126	8	3.8	12.79 - 08.85
380SEC	W126	8	3.8	10.81 - 07.85
380SL	W107	8	3.8	07.80 - 08.85
420SEL	W126	8	4.2	09.85 - 06.91
450SE	W116	8	4.5	01.73 - 11.75
				12.75 - 04.80
450SEL	W116	8	4.5	01.73 - 11.75
				12.75 - 04.80
			6.8	07.75 - 03.80
450SL	W107	8	4.5	01.73 - 11.75
				12.75 - 10.80
450SLC	W107	8	4.5	01.73 - 11.75
				12.75 - 09.80
500SEC	W126	8	5.0	10.81 - 08.85
560SEC	W126	8	5.6	10.85 - 06.91
560SEL	W126	8	5.6	10.85 - 06.91
560SL	W107	8	5.6	09.85 - 08.89

VOLVO

C70		5	2.3	09.97 - 07.02
				08.02 - 03.06
			2.4	03.99 - 07.00
				08.99 - 07.02
S70		5	2.3	01.97 - 07.00
			2.5	01.97 - 07.99
V70		5	2.3	01.97 - 03.00
			2.4	01.97 - 03.00
240 Series		4	2.1	03.75 - 10.80
				10.78 - 07.84
			2.3	01.81 - 07.84
				01.85 - 02.86
				03.86 - 07.88
				08.88 - 12.91
				08.92 - 07.93
260 Series		6	2.7	08.74 - 07.80



740		4	2.3	08.84 - 07.89
				08.84 - 07.91
				08.84 - 07.92
				04.88 - 07.90
				08.89 - 07.91
760		6	2.8	02.83 - 12.85
				01.86 - 04.86
				05.86 - 11.90
760 Turbo		4	2.3	01.84 - 07.84
				08.84 - 12.85
850		5	2.3	09.93 - 07.96
				08.95 - 07.97
			2.5	09.91 - 07.97
				09.92 - 07.97
				09.95 - 07.97
				09.96 - 07.97
940		4	2.3	12.90 - 07.92
				12.90 - 12.93
				06.91 - 07.95
				05.95 - 12.96
960		6	2.8	09.90 - 07.91
			3.0	12.91 - 08.93

DB6QS

HOLDEN

Kingswood	HJ	6	2.8	10.74 - 07.76
			3.3	10.74 - 07.76
		8	4.2	10.74 - 07.76
			5.0	10.74 - 07.76
	HQ	6	2.8	07.71 - 10.74
			3.3	07.71 - 10.74
		8	4.2	07.71 - 10.74
			5.0	07.71 - 10.74
	HX	6	2.8	07.76 - 10.77
			3.3	07.76 - 10.77
		8	4.2	07.76 - 10.77
			5.0	07.76 - 10.77
Statesman	HJ	8	5.0	10.74 - 07.76
	HQ	6	3.3	07.71 - 10.74
		8	4.2	07.71 - 10.74
			5.0	07.71 - 10.74
			5.7	07.71 - 10.74

TOYOTA

Crown	MS65	6	2.6	11.71 - 09.74
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DB11UL

ALFA ROMEO

Spider	105	4	2.0	04.71 - 12.89
				01.72 - 12.80

BMW

2002Tii	E 10	4	2.0	05.71 - 07.75
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MERCEDES-BENZ

220	W115	4	2.2	01.68 - 07.73
220D	W115	4	2.2	01.68 - 01.77
230.4	W115	4	2.3	08.73 - 12.76
230.6	W114	6	2.3	08.73 - 11.76
240D	W115	4	2.4	07.73 - 01.77
250	W114	6	2.5	01.68 - 06.72
250CE	W114	6	2.5	04.69 - 04.72
280S	W108	6	2.8	01.68 - 07.72
280SE	W108	6	2.8	01.68 - 12.71
		8	3.5	03.71 - 08.72
	W111	8	3.5	01.70 - 12.71



280SEL	W108	8	3.5	03.71 - 08.72
280SL	W113	6	2.8	01.68 - 03.71
300SEL	W109	8	3.5	01.70 - 07.72
			6.3	03.68 - 08.72
350SL	W107	8	3.5	05.71 - 02.76
				03.76 - 02.80
350SLC	W107	8	3.5	01.72 - 02.76
				03.76 - 02.80

PORSCHE

911		6	2.7	09.74 - 08.75
				09.75 - 06.77
			3.0	09.75 - 06.77
				07.77 - 06.79
				07.80 - 07.83
			3.2	09.83 - 07.86

DB14QS**HOLDEN**

Torana	HB	4	1.1	05.67 - 10.69
		4	1.6	10.69 - 02.72
	LC	4	1.8	06.71 - 02.72
		6	2.6	10.69 - 02.72
			2.8	10.69 - 02.72
			3.0	10.69 - 02.72
	LH	4	1.9	05.74 - 03.76
		6	2.8	03.74 - 03.76
			3.3	03.74 - 03.76
		8	4.2	03.74 - 03.76
		5.0	03.74 - 03.76	
LJ	4	1.6	02.72 - 02.74	
	6	2.6	02.72 - 02.74	
		2.8	02.72 - 02.74	
LX	4	1.9	03.76 - 12.76	
	6	2.8	03.76 - 03.78	
		3.3	03.76 - 03.78	
	8	4.2	03.76 - 03.78	
			5.0	03.76 - 03.78
TA	4	1.3	02.74 - 12.74	

DB22UL**FIAT**

Argenta	81	4	2.0	06.81 - 12.82
124		4	1.6	11.69 - 08.73
			1.8	09.72 - 12.78
			2.0	06.79 - 04.85
132		4	1.6	05.72 - 05.81
			2.0	03.77 - 05.81

DB29QS**FIAT**

124		4	1.6	11.69 - 08.73
125		4	1.6	03.67 - 12.72
				11.68 - 12.72
				11.68 - 12.72
127	111	4	0.9	06.71 - 05.83
			1.3	12.81 - 05.83
128		4	1.1	09.69 - 12.84
			1.3	03.69 - 12.84
131		4	1.6	10.74 - 06.79
				03.78 - 06.79
				07.79 - 12.80
				07.79 - 08.82
				01.81 - 08.82



132		4	1.6	05.72 - 05.81
			2.0	03.77 - 05.81

DB29UL**FIAT**

124		4	1.6	11.69 - 08.73
125		4	1.6	03.67 - 12.72
				11.68 - 12.72
127	111	4	0.9	06.71 - 05.83
			1.3	12.81 - 05.83
128		4	1.1	09.69 - 12.84
			1.3	03.69 - 12.84
131		4	1.6	10.74 - 06.79
				03.78 - 06.79
				07.79 - 12.80
				07.79 - 08.82
				01.81 - 08.82
132		4	1.6	05.72 - 05.81
			2.0	03.77 - 05.81

DB36UL**RENAULT**

R 21	L48	4	2.0	10.86 - 03.93
			2.2	07.86 - 12.94
R 25		4	2.2	01.84 - 10.86
				10.85 - 10.86
				10.86 - 12.92
		6	2.9	05.88 - 12.92

DB39QS**NISSAN**

Datsun Sunny	B310	4	1.2	08.78 - 12.79
Datsun 120Y	B210	4	1.2	07.73 - 07.78
Datsun 1200	B110	4	1.2	01.72 - 02.77
Pulsar	N10	4	1.3	08.81 - 03.82
			1.4	09.80 - 07.81
			1.5	08.81 - 03.82

DB40QS**FORD**

Courier		4	1.8	01.79 - 02.82
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MAZDA

RX-2	S122A	2	1.1	10.70 - 04.76
RX-3	S102A	2	1.0	03.72 - 12.73
RX-4		2	1.1	07.72 - 12.73
				01.74 - 12.77
			1.3	01.74 - 12.77
RX-5		2	1.3	01.75 - 12.78
RX-7	SA	2	1.1	02.79 - 10.83

DB62UL**VOLVO**

140		4	2.0	08.70 - 07.73
140 Series		4	2.0	09.70 - 07.73
				08.73 - 07.74
160		6	3.0	05.69 - 12.72
164E		6	3.0	09.71 - 07.74
240 Series		4	2.1	03.75 - 07.78
260 Series		6	2.7	08.74 - 07.78



DB71UL

PEUGEOT				
GTi		4	2.2	03.86 - 12.93
STi		4	2.2	01.84 - 10.84
STi / GTi		4	2.2	02.85 - 12.85
504		4	2.0	08.71 - 06.76 07.76 - 06.83
505		4	2.2	09.83 - 12.83
604		6	2.7	08.77 - 05.83
			2.8	06.83 - 06.86

DB84UL

VW (VOLKSWAGEN)				
Bus	24, 25	4	2.1	08.85 - 07.92
Transporter	21-27	4	2.0	08.75 - 07.77
	24, 25	4	1.9	01.83 - 07.85
			2.1	07.85 - 07.92
				08.85 - 07.92

DB85QS

MITSUBISHI				
Sigma	GE	4	1.6	10.77 - 04.80

DB86QS

NISSAN				
Datsun 260Z	S30	6	2.6	08.73 - 06.78
Skyline	C210	6	2.4	10.77 - 07.81

TOYOTA				
Cressida	MX32	6	2.6	04.77 - 12.80
	MX36	6	2.6	09.78 - 12.80

DB87QS

TOYOTA				
Corolla	KE25	4	1.2	10.72 - 06.77
	KE30	4	1.2	08.74 - 08.79

DB122QS

HONDA				
Civic		4	1.2	03.77 - 08.79

NISSAN				
Datsun 180B	610	4	1.8	08.71 - 11.77
Vanette	C120	4	1.2	10.78 - 05.81
			1.4	10.78 - 05.81

DB126UL

CITROEN				
CX		4	2.0	06.79 - 06.82
			2.2	09.74 - 07.76
			2.4	06.77 - 06.82
				07.80 - 12.81
			2.5	07.83 - 12.92



DB128UL

AUDI				
80	80, 82, B1	4	1.3	05.72 - 07.78
	81, 85, B2	4	1.6	08.78 - 07.79

VW (VOLKSWAGEN)				
Golf	17	4	1.6	03.76 - 07.77 03.76 - 07.79
Passat	32/33	4	1.5	07.73 - 08.75
			1.6	02.76 - 07.79
				03.77 - 07.79

DB138QS

MAZDA				
RX-7	SA	2	1.1	11.83 - 08.85
121	CD	4	1.8	01.76 - 12.79
			2.0	09.77 - 12.79

DB143UL

MERCEDES-BENZ				
230.6	W114	6	2.3	08.73 - 11.76
240D	W123	4	2.4	02.76 - 07.79
250	W114	6	2.8	07.72 - 11.76
250C	W114	6	2.8	07.72 - 11.76
280	W114	6	2.8	06.72 - 11.76
280C	W114	6	2.8	06.72 - 02.77
280CE	W114	6	2.8	06.72 - 01.77
	W123	6	2.8	03.77 - 07.79
280E	W114	6	2.8	06.72 - 11.76
	W123	6	2.8	02.76 - 07.79
280S	W116	6	2.8	08.72 - 12.75
280SE	W116	6	2.8	09.72 - 07.76
				08.76 - 07.80
280SL	W107	6	2.8	08.74 - 05.76
280SLC	W107	6	2.8	08.74 - 05.76
280TE	W123	6	2.8	02.76 - 11.85
300D	W123	5	3.0	02.76 - 07.79
300TD	W123	5	3.0	02.76 - 07.79
350SE	W116	8	3.5	08.72 - 02.76
350SEL	W116	8	3.5	01.75 - 02.76
350SL	W107	8	3.5	05.71 - 02.76
				03.76 - 02.80
350SLC	W107	8	3.5	01.72 - 02.76
				03.76 - 02.80
450SE	W116	8	4.5	01.73 - 11.75
				12.75 - 04.80
450SEL	W116	8	4.5	01.73 - 11.75
				12.75 - 04.80
			6.8	07.75 - 03.80
450SL	W107	8	4.5	01.73 - 11.75
				12.75 - 10.80
450SLC	W107	8	4.5	01.73 - 11.75
				12.75 - 09.80

DB153QS

MAZDA				
323	FA	4	1.3	03.77 - 05.78
			1.4	03.78 - 05.80

**DB161UL****BMW**

3.0CS	E 9	6	3.0	05.71 - 03.76
3.0CSi	E 9	6	3.0	07.71 - 03.76
3.0S	E 3	6	3.0	05.71 - 04.77
3.0Si	E 3	6	3.0	02.72 - 11.75 10.75 - 04.77
3.3L	E 3	6	3.3	01.74 - 09.75
520i	E 12	4	2.0	09.72 - 10.75 10.75 - 08.76
525	E 12	6	2.5	08.73 - 08.76
528	E 12	6	2.8	01.75 - 08.76
633CSi	E 24	6	3.2	04.76 - 08.76
2500	E 3	6	2.5	05.71 - 04.77
2800	E 3	6	2.8	10.68 - 07.75

DB163UL**BMW**

520i	E 12	4	2.0	09.76 - 12.79
525	E 12	6	2.5	09.76 - 07.81
528	E 12	6	2.8	09.76 - 12.77
528i	E 12	6	2.8	04.77 - 07.81
633CSi	E 24	6	3.2	09.76 - 09.79 09.79 - 12.81
735i	E 23	6	3.4	01.85 - 08.86

DB166UL**PORSCHE**

924 Turbo		4	2.0	01.81 - 06.82
928		8	4.5	05.77 - 07.82
944		4	2.5	07.81 - 12.84 01.85 - 07.87 2.7 11.88 - 07.89

DB170QS**MITSUBISHI**

Pajero	L	4	2.3	12.82 - 04.86
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TOYOTA

Celica	RA40	4	2.0	08.77 - 07.81
	TA40	4	1.6	08.77 - 08.80 08.77 - 07.81

DB179UL**RENAULT**

R 20		4	2.0	10.77 - 12.83
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DB191QS**MAZDA**

626	CB	4	2.0	12.78 - 08.82
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DB192UL**BMW**

318i	E 21	4	1.8	03.80 - 05.83
320i	E 21	4	2.0	06.75 - 12.78
323i	E 21	6	2.3	01.78 - 09.82

DB195UL**LADA**

Niva		4	1.6	12.76 - 12.96 01.87 - 03.95 1.7 01.93 - 12.99
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DB208QS**HOLDEN**

Scurry	NB	4	1.0	07.85 - 12.87
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HONDA

Civic	SL/SS/SP/WC	4	1.2	09.82 - 09.83 1.3 09.79 - 09.83
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SUZUKI

Alto	EC	3	0.8	01.86 - 12.89
	SS	3	0.6	06.82 - 12.85

DB222UL**ALFA ROMEO**

Alfa 164	164	6	3.0	04.88 - 09.92 09.90 - 09.92
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AUDI

A4	8D2, B5	4	1.8	11.94 - 02.97 6 2.6 11.94 - 02.97 2.8 03.96 - 02.97
A4 Avant	8D5, B5	4	1.8	10.95 - 02.97 6 2.6 11.94 - 02.97 2.8 03.96 - 02.97
A4 Quattro	8D2, B5	4	1.8	11.94 - 12.98 11.94 - 04.99 08.97 - 10.00 6 2.4 08.97 - 07.98 02.99 - 10.00 2.8 03.96 - 07.98 02.99 - 06.00
A4 Quattro Avant	8D5, B5	4	1.8	11.94 - 04.99 08.97 - 09.01 6 2.4 08.98 - 09.01 2.6 11.94 - 07.98 2.8 03.96 - 07.98
A6	4A2, C4	6	2.6	06.94 - 10.97 2.8 06.94 - 10.97
A6 Avant	4A5, C4	6	2.6	06.94 - 06.96
A6 Quattro	4A2, C4	6	2.6	06.94 - 10.97 2.8 06.94 - 10.97
A8	4D2, D2	6	2.8	06.94 - 03.96 8 3.7 07.95 - 10.98 05.97 - 10.98
A8 Quattro	4D2, D2	8	4.2	06.94 - 10.98
Cabriolet	8G7, B4	4	2.0	01.93 - 09.98 6 2.6 01.94 - 08.00
S4	4A2, C4	5	2.2	07.92 - 07.94



◀ DB222UL

S8	4D2	8	4.2	09.96 - 10.98	
V8 Quattro	44, 4C, D11	8	3.6	09.90 - 12.92	
80	8C2, B4	4	2.0	09.91 - 05.95	
		5	2.3	09.91 - 11.94	
		6	2.6	07.92 - 05.95	
			2.8	09.91 - 05.95	
		89, 8A2, B3	4	1.9	09.87 - 07.88
			2.0	08.88 - 10.90	
80 Quattro	8C2, B4	4	2.0	09.91 - 12.94	
		5	2.2	02.93 - 05.95	
		6	2.6	07.92 - 05.95	
			2.8	09.91 - 05.95	
	89, 8A2, B3	4	1.9	09.86 - 07.88	
90	89, 8A2, B3	5	2.3	04.87 - 12.91	
				08.88 - 12.91	
90 Quattro	89, 8A2, B3	5	2.3	04.87 - 09.91	
				07.88 - 09.91	
100	4A2, C4	6	2.6	04.92 - 07.94	
				2.8	12.90 - 07.94
		44, 44Q, C3	5	2.2	08.82 - 07.84
				08.84 - 12.88	
				09.84 - 12.90	
			2.3	08.86 - 11.90	
				10.86 - 12.90	
100 Quattro	4A2, C4	6	2.6	03.92 - 07.94	
		44, 44Q, C3	5	2.2	08.84 - 11.90
200	43, C2	5	2.1	08.81 - 09.82	
		44, C3	5	2.2	08.83 - 09.86
				08.85 - 12.91	
200 Quattro	44, C3	5	2.2	01.85 - 12.90	

DB224UL

PEUGEOT

GTi		4	2.2	03.86 - 12.93
SLi		4	2.0	02.86 - 06.87
STi		4	2.2	01.84 - 10.84
STi / GTi		4	2.2	02.85 - 12.85
505		4	2.0	09.80 - 12.85
				2.2

DB225QS

NISSAN

Bluebird	910	4	2.0	04.81 - 05.83
				06.83 - 01.85
Datsun Stanza	A10	4	1.6	05.78 - 12.83
Exa		4	1.5	10.83 - 02.86
				03.86 - 06.87
Pulsar	N12	4	1.6	06.86 - 07.87
Skyline	C210	6	2.4	10.77 - 07.81
				R30

DB239UL

MERCEDES-BENZ

G 320	W463	6	3.2	12.97 →
300GD	W460	5	3.0	12.79 - 08.91



DB241QS

FORD

Laser	KA	4	1.3	02.81 - 11.82
			1.5	02.81 - 11.82
			1.3	12.82 - 09.85
	KB	4	1.5	12.82 - 09.85
Meteor	GA	4	1.5	02.82 - 04.83
			GB	4
				05.83 - 09.85

MAZDA

323	BD	4	1.3	07.80 - 08.82
			1.5	07.80 - 08.82
				07.82 - 10.85
	BD/FA	4	1.5	07.82 - 10.85

DB243QS

MERCEDES-BENZ

230CE	W123	4	2.3	04.80 - 12.85
230E	W123	4	2.3	04.80 - 12.85
230TE	W123	4	2.3	04.80 - 12.85
240D	W123	4	2.4	08.79 - 11.85
280CE	W123	6	2.8	08.79 - 11.85
280E	W123	6	2.8	08.79 - 11.85
280SE	W126	6	2.8	10.79 - 07.85
280SL	W107	6	2.8	08.74 - 05.76
280SLC	W107	6	2.8	08.74 - 05.76
280TE	W123	6	2.8	02.76 - 11.85
300D	W123	5	3.0	08.79 - 11.85
300SE	W126	6	3.0	09.85 - 06.91
				09.89 - 06.91
300TD	W123	5	3.0	08.79 - 11.85
380SE / SEL	W126	8	3.8	12.79 - 08.85
380SL	W107	8	3.8	07.80 - 08.85
420SEL	W126	8	4.2	09.85 - 06.91
450SL	W107	8	4.5	01.73 - 11.75
				12.75 - 10.80
450SLC	W107	8	4.5	01.73 - 11.75
				12.75 - 09.80
560SEC	W126	8	5.6	10.85 - 06.91
560SEL	W126	8	5.6	10.85 - 06.91

DB243UL

MERCEDES-BENZ

230CE	W123	4	2.3	04.80 - 12.85
230E	W123	4	2.3	04.80 - 12.85
230TE	W123	4	2.3	04.80 - 12.85
240D	W123	4	2.4	08.79 - 11.85
280CE	W123	6	2.8	08.79 - 11.85
280E	W123	6	2.8	08.79 - 11.85
280SE	W126	6	2.8	10.79 - 07.85
280SL	W107	6	2.8	08.74 - 05.76
280SLC	W107	6	2.8	08.74 - 05.76
280TE	W123	6	2.8	02.76 - 11.85
300D	W123	5	3.0	08.79 - 11.85
300SE	W126	6	3.0	09.85 - 06.91
				09.89 - 06.91
300TD	W123	5	3.0	08.79 - 11.85
380SE / SEL	W126	8	3.8	12.79 - 08.85
380SL	W107	8	3.8	07.80 - 08.85
420SEL	W126	8	4.2	09.85 - 06.91
450SL	W107	8	4.5	01.73 - 11.75
				12.75 - 10.80



450SLC	W107	8	4.5	01.73 - 11.75 12.75 - 09.80
560SEC	W126	8	5.6	10.85 - 06.91
560SEL	W126	8	5.6	10.85 - 06.91

DB256UL

BMW

520i	E 28	6	2.0	04.80 - 12.88
525e	E 28	6	2.7	12.84 - 12.87
528i	E 28	6	2.8	06.81 - 12.87
535i	E 28	6	3.4	01.85 - 12.87
635CSi	E 24	6	3.4	01.85 - 04.89

PORSCHE

928		8	4.5	05.77 - 07.82
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DB279QS

FORD

Telstar	AS	4	2.0	09.85 - 09.87 01.86 - 09.87
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MAZDA

626 Turbo	GC	4	2.0	01.86 - 06.87
929	HB	4	2.0	07.83 - 11.86

DB288QS

TOYOTA

Hilux	LN36	4	2.2	08.81 - 07.83	
	LN46	4	2.2	08.81 - 07.83	
	LN67R	4	2.8	07.96 - 08.98	
	RN36	4	2.0	01.79 - 07.83	
	RN46	4	2.0	01.79 - 07.83	
	YN57R	4	2.0	06.84 - 11.86	
	Land Cruiser	BJ40	4	3.0	08.80 - 10.84
		BJ42	4	3.4	08.80 - 10.84
		BJ70	4	3.4	11.84 - 01.90
		BJ71	4	3.4	10.85 - 01.90
FJ40		6	4.2	08.80 - 10.85	
FJ45		6	4.2	08.80 - 04.86	
FJ60		6	4.2	08.80 - 11.84	
FJ62		6	4.0	11.84 - 08.87 01.87 - 12.88	
FJ62, 70, 73, 75		6	4.0	09.87 - 12.92	
FJ70		4	2.4	01.85 - 11.88	
FJ75RP		6	4.0	02.86 - 04.90	
HJ47		6	4.0	08.80 - 06.85	
HJ60		6	4.0	08.80 - 08.87 08.87 - 01.90	
HJ61		6	4.0	10.85 - 08.87 08.87 - 01.90	
LJ70		4	2.4	10.85 - 08.88	
LJ73		4	2.4	10.85 - 08.88	
RJ70		4	2.4	12.88 - 12.90	
Land Cruiser Prado	KZJ95	6	3.0	03.00→	
	RZJ90/95	4	2.7	10.96 - 08.04	
4-Runner		4	2.0	01.84 - 12.85	
			2.2	01.85 - 07.89 08.89 - 12.90	



DB292QS

DAIHATSU

Feroza	F300	4	1.6	09.90 - 10.99
	F310	4	1.6	05.92 - 10.99
Rocky		4	2.0	04.84 - 12.85 01.86 - 12.89
	F7	4	2.8	04.84 - 04.93
Taft	F5	4	2.5	10.81 - 03.84
	F6	4	2.8	10.82 - 03.84

FORD

Courier		4	1.8	02.82→
			2.0	09.82 - 08.85

DB293QS

NISSAN

Exa		4	1.5	10.83 - 02.86 03.86 - 06.87
Pulsar	N12	4	1.6	06.86 - 07.87

DB296QS

BMW

318i	E 30	4	1.8	09.87 - 12.91
318i Cabriolet	E 30	4	1.8	09.90 - 12.93
318iS	E 30	4	1.8	09.89 - 12.91
320i	E 30	6	2.0	09.82 - 09.87 12.85 - 12.91
		6	2.7	01.85 - 12.87
323e	E 30	6	2.3	09.82 - 12.86
325i	E 30	6	2.5	12.86 - 12.91
525e	E 28	6	2.7	12.84 - 12.87
528i	E 28	6	2.8	06.81 - 12.87
535i	E 28	6	3.4	01.85 - 12.87
635CSi	E 24	6	3.4	01.85 - 04.89
735i	E 23	6	3.4	01.85 - 08.86

DB296UL

BMW

318i	E 30	4	1.8	09.87 - 12.91
318i Cabriolet	E 30	4	1.8	09.90 - 12.93
318iS	E 30	4	1.8	09.89 - 12.91
320i	E 30	6	2.0	09.82 - 09.87 12.85 - 12.91
		6	2.7	01.85 - 12.87
323e	E 30	6	2.3	09.82 - 12.86
325i	E 30	6	2.5	12.86 - 12.91
525e	E 28	6	2.7	12.84 - 12.87
528i	E 28	6	2.8	06.81 - 12.87
535i	E 28	6	3.4	01.85 - 12.87
635CSi	E 24	6	3.4	01.85 - 04.89
735i	E 23	6	3.4	01.85 - 08.86



DB296UQS

SAAB (SAAB AUTOMOBILE AB)

900	4	2.0	09.87 - 08.90
			09.87 - 08.91
			09.87 - 08.92
			09.87 - 08.93
			09.90 - 08.93
9000	4	2.0	09.90 - 08.93
			09.91 - 08.93
			09.85 - 08.88
			08.86 - 08.93
			09.89 - 08.93
	4	2.0	01.90 - 08.93
			09.89 - 08.93
			09.90 - 08.93
			09.93 - 12.98
			09.94 - 12.98
VOLVO	4	2.0	09.94 - 12.98
			10.93 - 12.96

DB296UUL

SAAB (SAAB AUTOMOBILE AB)

900	4	2.0	09.87 - 08.90
			09.87 - 08.91
			09.87 - 08.92
			09.87 - 08.93
			09.90 - 08.93
9000	4	2.0	09.90 - 08.93
			09.91 - 08.93
			09.85 - 08.88
			08.86 - 08.93
			09.89 - 08.93
	4	2.0	01.90 - 08.93
			09.89 - 08.93
			09.90 - 08.93
			09.93 - 12.98
			09.94 - 12.98
VOLVO	4	2.0	09.94 - 12.98
			10.93 - 12.96

DB297QS

MITSUBISHI

Express	MA	4	1.6	03.80 - 12.81	
				2.0	06.81 - 12.81
	MB	4	1.6	01.82 - 09.82	
				2.0	01.81 - 12.84
	MC	4	1.6	01.82 - 09.82	
				2.0	10.82 - 12.84
				2.3	10.82 - 12.84
	MD	4	2.0	10.82 - 12.84	
				2.0	10.82 - 12.84
	SA	4	1.6	01.85 - 12.85	
				2.0	01.85 →
	SB	4	1.6	03.80 - 12.81	
				1.6	01.82 - 09.82
	SC	4	1.6	10.82 - 12.84	
				1.6	10.82 - 12.84
Express Starwagon	SD	4	1.6	01.85 - 12.85	
				2.0	01.85 →
	SC	4	1.8	10.82 - 12.84	
				1.8	01.85 - 12.85



DB300QS

HONDA

Prelude	AB	4	1.8	01.84 - 12.85
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DB304QS

FORD

Telstar	AR	4	2.0	05.83 - 08.85
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MAZDA

626	GC	4	2.0	12.82 - 06.87
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DB306QS

TOYOTA

Hiace	YH50	4	1.8	12.82 - 01.84
	YH61	4	2.0	12.82 - 08.86
	YH73	4	2.2	08.86 - 08.87
Liteace	CM20	4	1.8	10.82 - 08.85
	CM30	4	2.0	08.88 - 01.92
	CM35	4	1.8	10.85 - 08.88
	CM36	4	2.0	08.88 - 01.92
	KM20	4	1.3	10.82 - 08.85
	KM30	4	1.5	08.88 - 01.92
	KM36	4	1.5	08.88 - 01.92
	M2	4	1.3	10.79 - 08.85
	M3	4	1.5	10.85 - 08.88
				1.8
			2.0	01.86 - 08.88
				01.90 - 01.92
	YM21	4	1.8	11.83 - 08.85
Model F	CR21	4	2.0	05.83 - 07.88
Tarago	YR20	4	1.8	02.83 - 03.84
	YR21	4	2.0	03.84 - 10.85
	YR31	4	2.2	01.86 - 04.90

DB308QS

TOYOTA

Camry / Vienta	SV11	4	2.0	03.83 - 10.86
	ST162	4	2.0	08.85 - 08.87
Corolla	AE80	4	1.3	08.86 - 08.87
				09.87 - 08.89
				05.83 - 10.84
	AE82	4	1.6	04.85 - 12.88
				01.86 - 12.88
	AE101	4	1.6	09.86 - 08.88
				07.94 - 08.98
	AE102	4	1.8	09.94 - 04.97
				07.94 - 12.99
MR2	AW11	4	1.6	09.94 - 08.97
				11.84 - 12.89
	SW20	4	2.0	08.87 - 12.89
				12.89 - 12.91
Paseo	EL44	4	1.5	04.91 - 08.95
	EL54R	4	1.5	08.95 - 07.99
Sprinter	AE102	4	1.8	11.92 - 05.95
Starlet	EP82	4	1.3	12.89 - 01.96
	EP91	4	1.3	01.96 - 07.99

**DB317UL****VOLVO**

740	4	2.3	08.84 - 07.89
			08.84 - 07.91
			04.88 - 07.90
			08.89 - 07.91
760	6	2.8	02.83 - 12.85
			01.86 - 04.86
			05.86 - 11.90
760 Turbo	4	2.3	01.84 - 07.84
			08.84 - 12.85
940	4	2.3	12.90 - 07.92
			12.90 - 08.93
			06.91 - 08.93
960	6	2.8	09.90 - 07.91
		3.0	12.91 - 08.93

DB318QS**TOYOTA**

Dyna	LH80	4	2.5	08.87 - 05.95
	YH81	4	1.8	08.85 - 08.87
				08.87 - 03.92
	YY100L	4	1.8	05.95 - 05.99
Hiace	LH50	4	2.2	12.82 - 01.84
	LH60/70	4	2.4	12.82 - 01.89
	YH51	4	2.0	08.87 - 08.89
Hilux	LN51/56/60/61/65	4	2.4	08.84 - 07.98
	LN57/67	4	2.8	08.95 - 07.98
	LN85	4	2.4	08.88 - 08.97
	RN50/55/58/61/67	4	2.4	08.87 - 07.98
	YN50/55	4	1.6	08.86 - 07.98
	YN51/56	4	1.8	08.87 - 08.88
	YN52/57/60/65	4	2.0	09.83 - 08.88
	YN58/62/63/67	4	2.2	08.86 - 07.98
YN67R	4	2.2	02.86 - 06.94	
YN85	4	1.8	08.88 - 08.94	
			01.89 - 10.94	

DB319QS**MITSUBISHI**

Cordia	AC	4	1.8	01.86 - 12.89
Cordia Turbo	AC	4	1.8	01.86 - 12.89
Galant	H	4	2.0	01.89 - 12.90
Lancer	CA	4	1.5	08.88 - 09.90
				01.89 - 09.90
	C6/C7	4	1.6	04.88 - 05.90
Magna / Verada	TM	4	2.6	04.85 - 03.87
	TN	4	2.6	04.87 - 05.89
	TP	4	2.6	06.89 - 04.92
Nimbus	UA	4	1.8	05.84 - 12.85
	UB	4	1.8	01.86 - 08.87
	UC	4	2.0	09.87 - 11.91

DB321QS**NISSAN**

Patrol	6	3.0	04.90 - 11.97	
			02.88 - 12.95	
			01.92 - 12.95	
			10.94 - 09.97	
Y60	6	2.8	10.94 - 09.97	
			3.0	04.90 - 11.97
			4.2	08.87 - 09.97
			02.92 - 11.97	

Patrol	160	6	2.8	07.80 - 06.84
				07.84 - 06.85
			3.3	11.79 - 06.84
			4.0	07.84 - 06.85
			11.79 - 06.84	
			07.84 - 06.85	
260	6	3.2	11.87 - 03.89	
			11.87 - 03.89	
Urvan	E23	4	2.0	01.82 - 12.86
			2.3	04.82 - 01.87
E24	4	2.4	11.86 - 06.97	
			2.7	11.86 - 06.97

DB325QS**NISSAN**

280ZX	S130	6	2.8	10.78 - 05.84
300C	Y30	6	3.0	01.85 - 12.88
300ZX	Z31	6	3.0	04.84 - 12.85
				09.85 - 09.89

DB326QS**SUBARU**

L Series	4	1.4	04.77 - 08.80	
			1.6	10.75 - 08.80
			1.8	05.79 - 08.80
Leone	4	1.6	03.79 - 10.84	

DB328UL**MERCEDES-BENZ**

180E	W201	4	1.8	09.91 - 04.94
190D	W201	5	2.5	04.85 - 08.93
190E	W201	4	1.8	03.90 - 08.93
			2.0	10.82 - 09.88
				09.85 - 08.86
				09.86 - 09.93
				09.86 - 08.93
				09.89 - 08.92
		6	2.6	09.86 - 08.89

DB340QS**NISSAN**

Navara	D21	4	2.0	08.87 - 09.87
			2.4	08.87 - 09.87
				03.92 - 01.97
	D22	4	2.4	02.97 →
Pathfinder	D21	4	2.4	09.90 - 12.92
			2.4	08.86 - 07.92
300C	Y30	6	3.0	01.84 - 12.85

DB370UL**FIAT**

Argenta	81	4	1.6	06.81 - 05.83
			2.0	06.81 - 12.82
	83	4	2.0	06.83 - 11.85
Regata	138..	4	1.5	05.85 - 12.87
			1.6	01.84 - 12.87
				12.84 - 05.86
124		4	2.0	06.79 - 04.85



DB388QS

FORD

Econovan		4	1.4	05.84 - 12.85
			1.6	01.80 - 12.84
			1.8	01.84 - 02.97
			2.0	02.86 - 12.99
			2.2	01.81 - 12.84
				07.81 - 12.97
JG	4	2.0		02.97 - 09.99
JH	4		1.8	11.02 - 11.05
			2.0	10.99 - 11.02
				11.02 - 11.05
Spectron		4	2.0	01.88 - 12.98

MAZDA

E-Series		4	1.8	01.84 - 02.88
			2.0	07.89 - 03.95
			2.2	07.89 - 04.97

DB390QS

HONDA

Civic	EC/ED/EE	4	1.5	10.87 - 10.91
				11.87 - 10.91

DB399UL

SEAT

Cordoba	6K2	4	1.6	12.95 - 11.02	
				03.97 - 12.98	
				1.8	07.94 - 12.02
					12.95 - 12.02
				2.0	09.93 - 04.96
				12.95 - 04.96	
Ibiza	6K1	4	1.4	09.93 - 12.95	
				12.95 - 12.95	
					12.95 - 12.97
				2.0	03.93 - 04.96
					12.95 - 04.96
				06.96 - 10.99	

VW (VOLKSWAGEN)

Golf	17	4	1.6	03.76 - 07.77	
				03.76 - 07.79	
Golf I Cabriolet	15	4	1.8	07.90 - 08.93	
Golf II	19, 1G	4	1.8	07.90 - 11.92	
Passat	32/33	4	1.5	07.73 - 08.75	
				1.6	03.77 - 07.79
					08.78 - 07.79
Polo	6N1	4	1.6	10.96 - 12.99	

DB400UL

SEAT

Cordoba	6K2	4	1.8	07.94 - 09.95
				2.0
Ibiza	6K1	4	1.4	09.93 - 09.95
				2.0

VW (VOLKSWAGEN)

Golf	17	4	1.6	03.76 - 07.77
				03.76 - 07.79
Golf II	19, 1G	4	1.8	07.90 - 11.92



Golf III	1H1	4	2.0	04.94 - 09.94
				10.94 - 07.95
		6	2.8	04.94 - 07.95
Vento	1H2	4	2.0	07.95 - 12.95

DB402QS

HOLDEN

Barina	MB	4	1.3	02.85 - 08.86
	ML	4	1.3	09.86 - 12.88

SUZUKI

Swift	OA	4	1.3	08.86 - 03.89
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DB403QS

HOLDEN

Drover	QB	4	1.3	02.85 - 12.87
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SUZUKI

Jimny		4	1.3	10.98 →	
				10.00 →	
Sierra		4	1.0	01.85 - 12.88	
				1.3	01.85 - 12.89
					01.90 - 12.95

DB406QS

FORD

Capri Convertible	SA	4	1.6	10.89 - 09.90	
	SA II	4	1.6	10.90 - 03.92	
	SC	4	1.6	04.92 - 07.93	
				07.92 - 07.93	
	SE	4	1.6	08.93 - 07.94	
Laser	KC	4	1.3	10.85 - 09.87	
				1.6	10.85 - 09.87
				1.3	10.87 - 03.89
				1.6	10.87 - 02.90
	KE II	4	1.6	03.90 - 09.94	
Meteor	GC	4	1.6	10.85 - 10.87	

MAZDA

323	BF	4	1.6	07.85 - 07.87
				09.87 - 06.89

SUZUKI

Swift	EA	4	1.3	01.89 - 09.95
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DB407QS

FORD

Capri Convertible	SA	4	1.6	10.89 - 09.90
	SA II	4	1.6	10.90 - 03.92
	SC	4	1.6	04.92 - 07.93
				07.92 - 07.93
	SE	4	1.6	08.93 - 07.94
Laser	KE	4	1.6	10.87 - 02.90
Meteor	GC	4	1.6	10.85 - 10.87

MAZDA

323	BF	4	1.6	09.87 - 06.89
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SUZUKI

Swift	EA	4	1.3	09.91 - 09.95
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**DB408QS****HONDA**

Civic	AL/AM/AG/AJ/ AH/AK	4	1.5	10.83 - 10.87
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DB409QS**FORD**

Courier		4	2.0	01.85 - 11.89
				09.85 - 08.88
				11.89 - 02.95
				2.2
				01.80 - 12.84
			2.6	09.88 - 08.93
			2.6	09.86 - 08.90
				12.86 - 11.89
	PC	4	2.6	09.90 - 02.96

MAZDA

B2000		4	2.0	08.86 - 12.91
B2200	UF	4	2.2	01.90 - 04.95
B2600	UF	4	2.6	12.86 - 11.89
				11.89 - 03.96

SUZUKI

Swift	MA	4	1.3	06.96 - 03.01
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DB410QS**HOLDEN**

Gemini	RB	4	1.5	04.85 - 06.87
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DB411UL**AUDI**

80 Quattro	89, 8A2, B3	4	1.9	09.86 - 03.87
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DB413QS**TOYOTA**

Supra	MA70	6	3.0	08.88 - 04.93
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DB414QS**FORD**

Telstar	AS	4	2.0	09.85 - 09.87
				01.86 - 09.87

MAZDA

626	GC	4	2.0	12.82 - 08.85
				07.85 - 06.87
626 Turbo	GC	4	2.0	01.86 - 06.87

DB415UL**CITROEN**

BX	X56	4	1.6	07.84 - 06.88
				1.9
				10.84 - 06.86
				03.86 - 12.94
				03.88 - 03.93

DB418QS**SUBARU**

Leone		4	1.8	01.87 - 12.89
SVX		6	3.3	09.92 - 12.96

DB422QS**HOLDEN**

Apollo	JK	4	2.0	08.89 - 07.91
	JL	4	2.0	08.91 - 02.93
	JM	4	2.2	04.93 - 07.95
		6	3.0	04.93 - 07.95
	JP	4	2.2	08.95 - 05.97
		6	3.0	08.95 - 05.97

LEXUS

ES300	MCV20	6	3.0	08.96 - 07.01
	MCV30	6	3.0	07.01 - 07.03
	VCV10	6	3.0	03.92 - 08.96

TOYOTA

Avensis	AZT220	4	2.0	07.00 - 01.03	
	Camry / Vienta	MCV20R	6	3.0	07.97 - 08.02
		SDV10	4	2.2	04.94 - 06.95
	SV20	4	1.8	01.87 - 06.89	
	SV21	4	2.0	01.87 - 11.92	
	SV22	4	2.0	07.89 - 06.91	
	SXV10R	4	2.2	07.95 - 04.98	
	SXV20R	4	2.2	05.98 - 02.02	
	VCV10R	6	3.0	07.95 - 06.97	
	VDV10	6	3.0	04.94 - 06.95	
	VZV21	6	2.5	06.88 - 02.93	
	XV10	4	2.2	02.93 - 03.94	
		6	3.0	02.93 - 03.94	
	Celica	ST162	4	2.0	08.85 - 08.89
				08.86 - 08.89	
ST182		4	2.0	10.90 - 01.91	
ST184		4	2.2	10.89 - 11.93	
ST185		4	2.0	10.89 - 08.91	
ST202		4	2.0	08.94 - 05.99	
ST204		4	2.2	11.93 - 08.99	
Corolla		AE112R	4	1.8	10.99 - 10.01

DB425QS**MERCEDES-BENZ**

E220	W124	4	2.2	07.93 - 06.95
				07.93 - 06.97
				07.93 - 06.98
E220 T-Model	W124	4	2.2	07.93 - 05.96
E280	W124	6	2.8	07.93 - 06.95
E280 T-Model	W124	6	2.8	07.93 - 05.96
220E	W124	4	2.2	09.92 - 06.93
230E	W124	4	2.3	12.84 - 06.93
230TE	W124	4	2.3	09.85 - 08.93
260E	W124	6	2.6	09.85 - 10.92
				09.89 - 09.92
300CE	W124	6	3.0	03.87 - 06.93
300D	W124	6	3.0	01.85 - 06.93
300E	W124	6	2.8	09.89 - 06.93
				3.0
				01.85 - 08.93
300TD	W124	6	3.0	09.86 - 08.89
				09.89 - 06.93
300TE	W124	6	3.0	01.86 - 08.92



DB426QS

SUBARU

MV		4	1.8	11.84 - 12.94
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DB427QS

FORD

Laser	KE	4	1.6	10.87 - 02.90
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DB429QS

HONDA

Accord	CA/CB/CD	4	2.0	01.86 - 05.89 04.87 - 10.89
Integra		4	1.6	06.86 - 05.89

DB430QS

HONDA

Accord	CA/CB/CD	4	2.0	11.85 - 12.89
Civic	EJ/EK EM	4	1.6	10.95 - 12.97 01.99 - 12.00
Jazz		4	1.5	09.02 - 10.07
	GD	4	1.3	03.02 →
Prelude	BA	4	2.0	04.87 - 01.92

MG

ZR		4	1.8	10.01 - 05.05
ZS		6	2.5	10.01 - 05.05

DB433UL

MERCEDES-BENZ

C180	W202	4	1.8	03.93 - 08.95 09.95 - 04.00
C200	W202	4	2.0	01.94 - 04.00
C220	W202	4	2.2	03.93 - 09.96
C230	W202	4	2.3	09.96 - 05.97
C250	W202	5	2.5	05.93 - 08.95
C280	W202	6	2.8	05.93 - 05.97
E220	W124	4	2.2	07.93 - 06.95 07.93 - 06.97
E280	W124	6	2.8	07.93 - 06.95
220E	W124	4	2.2	09.92 - 06.93
230E	W124	4	2.3	12.84 - 06.93
260E	W124	6	2.6	09.85 - 10.92
300CE	W124	6	3.0	03.87 - 06.93
300D	W124	6	3.0	01.85 - 06.93
300E	W124	6	2.8	09.89 - 06.93 3.0 01.85 - 08.93

DB437QS

HONDA

Legend	KA/HS	6	2.7	10.87 - 02.91
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HYUNDAI

Sonata	Y2	4	2.4	01.89 - 10.93 6 3.0 09.89 - 06.93
Sonata II	Y3	4	2.0	07.93 - 04.96 05.96 - 06.98 6 3.0 07.93 - 06.98
Sonata IV	EF	6	2.7	04.01 - 11.04



DB438QS

NISSAN

Pathfinder		4	2.4	09.90 - 12.92
	D21	4	2.4	08.86 - 07.92
		6	3.0	07.92 - 07.95

DB439UL

PORSCHE

911 Carrera	964	6	3.6	08.91 - 08.93
	993	6	3.6	09.93 - 08.95 09.95 - 08.97 3.8 09.94 - 08.97
911 Carrera 4	993	6	3.6	09.94 - 08.95 09.95 - 08.97
911 Turbo	964	6	3.3	12.90 - 08.92
	993	6	3.6	03.95 - 08.97
928		8	4.7	09.82 - 07.83 08.83 - 07.86 5.0 08.85 - 07.86 08.86 - 07.91
944		4	2.5	09.87 - 07.91 3.0 08.89 - 07.91
968		4	3.0	08.91 - 11.95

DB440UL

PORSCHE

911		6	3.2	09.83 - 07.86
911 Carrera	964	6	3.6	09.89 - 08.93 09.92 - 08.93 09.93 - 08.95 09.95 - 08.97
	993	6	3.6	09.93 - 08.95 09.95 - 08.97
911 Carrera 4	964	6	3.6	09.89 - 08.93
	993	6	3.6	09.94 - 08.95 09.95 - 08.97
911 Turbo		6	3.3	10.77 - 07.82
	964	6	3.3	12.90 - 08.92 3.6 02.93 - 08.93
928		8	4.7	08.83 - 07.86 5.0 08.85 - 07.86 5.4 08.91 - 11.95
944		4	2.5	09.87 - 07.91 3.0 12.88 - 07.91
968		4	3.0	08.91 - 11.95

DB441QS

TOYOTA

Corona	ST141	4	2.0	06.83 - 04.87
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DB442QS

FORD

Festiva	WA	4	1.3	06.91 - 03.94
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MAZDA

121	DA	4	1.3	12.86 - 12.89 04.89 - 10.90
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**DB521QS****DAIMLER LTD.**

Sovereign	6	4.2	03.79 - 12.89
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JAGUAR

XJ12	12	5.3	05.75 - 07.81 07.81 - 09.94
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DB525QS**TRIUMPH**

GT6 MK I	6	2.0	03.67 - 09.68
GT6 MK II	6	2.0	07.69 - 12.70
GT6 MK III	6	2.0	07.71 - 11.72 12.72 - 11.73
TR 5	6	2.5	10.67 - 09.68
TR 6	6	2.5	07.69 - 12.72

DB538QS**TRIUMPH**

Spitfire Mk I	4	1.1	04.63 - 12.65
Spitfire Mk II	4	1.1	01.66 - 12.67
Spitfire Mk III	4	1.3	03.67 - 12.67
Spitfire Mk IV	4	1.5	12.72 - 12.75

VOLVO

140	4	2.0	08.68 - 07.70 08.70 - 07.73
140 Series	4	2.0	09.70 - 07.73
160	6	3.0	05.69 - 12.72
164E	6	3.0	09.71 - 07.74
240 Series	4	2.1	03.75 - 10.80 10.78 - 07.84 2.3 01.81 - 07.84 01.85 - 02.86 03.86 - 07.88 08.88 - 12.91 08.92 - 07.93
260 Series	6	2.7 2.8	08.74 - 07.80 02.81 - 07.84

DB538UL**TRIUMPH**

Spitfire Mk I	4	1.1	04.63 - 12.65
Spitfire Mk II	4	1.1	01.66 - 12.67
Spitfire Mk III	4	1.3	03.67 - 12.67
Spitfire Mk IV	4	1.5	12.72 - 12.75

VOLVO

140	4	2.0	08.68 - 07.70 08.70 - 08.72
140 Series	4	2.0	09.70 - 08.72
160	6	3.0	05.69 - 12.72
164E	6	3.0	09.71 - 07.74
240 Series	4	2.1	03.75 - 10.80 10.78 - 07.84 2.3 01.81 - 07.84 01.85 - 02.86 03.86 - 07.88 08.88 - 12.91 08.92 - 07.93
260 Series	6	2.7 2.8	08.74 - 07.80 02.81 - 07.84

DB549QS**VOLVO**

140 Series	4	2.0	09.70 - 07.73 08.73 - 07.74
164E	6	3.0	09.71 - 07.74
240 Series	4	2.1	03.75 - 10.80 10.78 - 07.84 2.3 01.81 - 07.84 01.85 - 02.86 03.86 - 07.88 08.88 - 12.91 08.92 - 07.93
260 Series	6	2.7 2.8	08.74 - 07.80 02.81 - 07.84

DB585QS**DAIMLER LTD.**

Sovereign	6	4.2	03.79 - 12.89
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JAGUAR

XJS	12	5.3	09.75 - 09.91 6.0 03.92 - 09.96
XJ6	6	4.2	03.79 - 10.86
XJ12	12	5.3	05.75 - 07.81 07.81 - 09.94

DB585UL**DAIMLER LTD.**

Sovereign	6	4.2	03.79 - 12.89
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JAGUAR

XJS	12	5.3	09.75 - 09.91 6.0 03.92 - 09.96
XJ6	6	4.2	03.79 - 10.86
XJ12	12	5.3	05.75 - 07.81 07.81 - 09.94

DB595UL**SAAB (SAAB AUTOMOBILE AB)**

900	4	2.0	08.79 - 08.83 09.79 - 08.83 09.83 - 08.85 08.84 - 08.85
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DB625QS**HOLDEN**

Kingswood	HG	6	2.6	07.70 - 07.71
		8	4.2	07.70 - 07.71
			5.0	07.70 - 07.71
	HK	6	2.6	01.68 - 05.69
			3.0	01.68 - 05.69
		8	5.0	01.68 - 05.69
	HT	6	2.6	05.69 - 07.70
			3.0	05.69 - 07.70
		8	4.2	05.69 - 07.70
			5.0	05.69 - 07.70

TRIUMPH

2500 TC	6	2.5	05.74 - 04.75 05.75 - 12.77
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DB815UL

TRIUMPH

TR 7	4	2.0	06.78 - 08.81
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DB843QS

LAND ROVER GROUP

Discovery	4	2.5	09.89 - 09.94
			10.93 - 12.98
	8	3.5	09.89 - 12.98
			10.93 - 12.98

DB869UL

LAND ROVER GROUP

Range Rover	8	3.5	06.70 - 10.85
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DB879UL

LAND ROVER GROUP

Discovery	4	2.5	09.89 - 09.94
			09.89 - 12.98
	8	3.5	09.89 - 12.98
			10.93 - 12.98
Land Rover	0	3.9	10.83 - 07.90
	8	3.5	11.83 - 07.90
Range Rover	4	2.4	04.86 - 09.89
			10.85 - 06.86
	8	3.5	01.87 - 09.89
			11.88 - 09.89

ROVER

3500	8	3.5	04.68 - 05.76
3500 Vitesse	8	3.5	10.82 - 10.86

DB1004QS

FORD

Falcon / Fairmont	XC	6	3.3	07.76 - 02.79
				4.1
	8	4.9	07.76 - 02.79	
		5.8	07.76 - 02.79	

HOLDEN

Kingswood	HX	6	2.8	07.76 - 10.77
				3.3
	8	4.2	07.76 - 10.77	
		5.0	07.76 - 10.77	
Statesman	HX	8	5.0	07.76 - 10.77

DB1023QS

HOLDEN

Kingswood	HX	6	2.8	07.76 - 10.77	
				3.3	07.76 - 10.77
		8	4.2	07.76 - 10.77	
			5.0	07.76 - 10.77	
	HZ	6	2.8	10.77 - 12.79	
				3.3	10.77 - 12.79
8		4.2	10.77 - 12.79		
			5.0	10.77 - 12.79	
Statesman	HZ	6	3.3	10.77 - 06.79	
				4.2	10.77 - 06.79
		8	5.0	10.77 - 06.79	



DB1024QS

FORD

Cortina	TE	4	2.0	06.77 - 10.80
		6	3.3	06.77 - 10.80
				4.1

DB1026QS

HOLDEN

Gemini	TC	4	1.6	03.77 - 04.78
	TD	4	1.6	04.78 - 10.79
	TE	4	1.6	10.79 - 03.82
	TF	4	1.6	03.82 - 04.83
	TG	4	1.6	03.83 - 04.83
	TX	4	1.6	03.75 - 03.77

DB1028QS

HOLDEN

Sunbird	LX	4	1.9	12.76 - 03.78	
				3.3	03.78 - 12.79
		6	2.8	03.78 - 12.79	
Torana	UC	6	3.3	03.78 - 12.79	

DB1029QS

HOLDEN

Kingswood	HX	6	2.8	07.76 - 10.77	
				3.3	07.76 - 10.77
		8	4.2	07.76 - 10.77	
			5.0	07.76 - 10.77	
	HZ	6	2.8	10.77 - 12.79	
				3.3	10.77 - 12.79
8		4.2	10.77 - 12.79		
			5.0	10.77 - 12.79	

DB1032QS

HOLDEN

Kingswood	HZ	6	2.8	10.77 - 12.79	
				3.3	10.77 - 12.79
		8	4.2	10.77 - 12.79	
				5.0	10.77 - 12.79
Torana	UC	6	2.8	03.78 - 12.79	
				3.3	03.78 - 12.79

DB1045QS

FORD

Fairlane	ZF	6	4.1	04.72 - 10.73	
		8	4.9	04.72 - 10.73	
				5.8	04.72 - 10.73
ZG		6	4.1	11.73 - 04.76	
		8	4.9	11.73 - 04.76	
				5.8	11.73 - 04.76
ZH		8	4.9	05.76 - 04.79	
		ZJ	6	4.1	10.79 - 12.81
ZK		8	4.9	05.79 - 12.81	
				5.8	05.79 - 12.81
		6	4.1	01.82 - 09.84	
ZL		8	5.0	01.82 - 09.84	
		6	4.1	09.84 - 05.88	





Falcon / Fairmont	XB	6	3.3	11.73 - 06.76
			4.1	11.73 - 06.76
		8	4.9	11.73 - 06.76
			5.8	11.73 - 06.76
	XC	6	3.3	07.76 - 02.79
			4.1	07.76 - 02.79
		8	4.9	07.76 - 02.79
			5.8	07.76 - 02.79
	XD	6	3.3	03.79 - 02.82
			4.1	03.79 - 02.82
		8	4.9	03.79 - 02.82
			5.8	03.79 - 02.82
XE	6	3.3	03.82 - 09.84	
		4.1	03.82 - 09.84	
	8	4.9	03.82 - 09.84	
		5.8	03.82 - 09.84	
XF	6	3.3	09.84 - 10.87	
		4.1	09.84 - 10.87	
Falcon Utility	XF	6	3.3	09.84 - 10.86
Falcon Van	XF	6	3.3	09.84 - 10.86
			4.1	09.84 - 10.86
LTD	FC	6	4.1	06.79 - 02.82
		8	5.8	06.79 - 02.82
	FE	6	4.1	09.84 - 05.88

DB1046QS**FORD**

Fairlane	ZG	6	4.1	11.73 - 04.76
		8	4.9	11.73 - 04.76
			5.8	11.73 - 04.76
	ZH	8	4.9	05.76 - 04.79
	ZJ	6	4.1	10.79 - 12.81
Falcon / Fairmont	XC	6	3.3	07.76 - 02.79
			4.1	07.76 - 02.79
		8	4.9	07.76 - 02.79
			5.8	07.76 - 02.79
	XD	6	3.3	03.79 - 02.82
			4.1	03.79 - 02.82
		8	4.9	03.79 - 02.82
			5.8	03.79 - 02.82
LTD	FC	6	4.1	06.79 - 02.82
		8	5.8	06.79 - 02.82

DB1075QS**FORD**

Fairlane	ZL	6	4.1	09.84 - 05.88
Falcon / Fairmont	XE	6	3.3	03.82 - 09.84
			4.1	03.82 - 09.84
		8	4.9	03.82 - 09.84
			5.8	03.82 - 09.84
XF	6	3.3	09.84 - 10.87	
		4.1	09.84 - 10.87	
Falcon Utility	XF	6	3.3	09.84 - 10.86
			4.1	09.84 - 10.86
Falcon Utility XR6	XG	6	4.0	03.93 - 03.96
		6	4.0	10.93 - 03.96
Falcon Van	XF	6	3.3	09.84 - 10.86
			4.1	09.84 - 10.86
LTD	XG	6	4.0	03.93 - 03.96
		FE	6	4.1

**DB1076QS****HOLDEN**

Camira	JB	4	1.6	08.82 - 10.84
		4	1.6	11.84 - 02.86
	JD		1.8	11.85 - 01.86
				02.86 - 03.87
JE	4	2.0	04.87 - 09.89	

DB1078QS**FORD**

Fairlane	ZK	6	4.1	01.82 - 09.84
		8	5.0	01.82 - 09.84
		ZL	6	4.1
Falcon / Fairmont	XE	6	3.3	03.82 - 09.84
			4.1	03.82 - 09.84
	8	4.9	03.82 - 09.84	
		5.8	03.82 - 09.84	
XF	6	3.3	09.84 - 10.87	
		4.1	09.84 - 10.87	
Falcon Utility	XF	6	3.3	09.84 - 10.86
Falcon Van	XF	6	3.3	09.84 - 10.86
			4.1	09.84 - 10.86
LTD	FE	6	4.1	09.84 - 05.88

DB1085QS**HOLDEN**

Caprice	VQ	8	5.0	03.90 - 10.91
	VQ II	6	3.8	12.91 - 02.94
		8	5.0	12.91 - 02.94
		8	3.8	03.94 - 08.94
	VR	6	3.8	03.94 - 08.94
		8	5.0	03.94 - 08.94
	VR II	6	3.8	09.94 - 04.95
		8	5.0	09.94 - 04.95
	VS	6	3.8	04.95 - 08.96
		8	5.0	03.95 - 08.96
	VS II	6	3.8	09.96 - 04.98
				09.96 - 05.98
		8	5.0	09.96 - 04.98
	VS III	6	3.8	05.98 - 06.99
				06.98 - 05.99
		8	5.0	05.98 - 06.99
Commodore / Calais	VB	6	2.8	10.78 - 04.80
			3.3	10.78 - 04.80
		8	4.2	10.78 - 04.80
	VC	6	5.0	10.78 - 04.80
			2.8	04.80 - 10.81
			3.3	04.80 - 10.81
	VH	8	4.2	04.80 - 10.81
			5.0	04.80 - 10.81
			2.8	10.81 - 03.84
	VK	6	3.3	10.81 - 03.84
			4.2	10.81 - 03.84
			5.0	10.81 - 03.84
VL	6	3.0	02.84 - 12.85	
		3.0	02.84 - 12.85	
VN	6	3.0	01.86 - 07.88	
		3.8	07.86 - 07.88	
VN II	6	3.8	08.88 - 02.90	
			08.88 - 09.91	
		8	5.0	08.88 - 02.90
VN II	6	3.8	08.88 - 09.91	
		8	5.0	03.90 - 09.91



◀ DB1085QS

Commodore / Calais	VP	6	3.8	10.91 - 12.92
		8	5.0	10.91 - 12.92
VP II		6	3.8	01.93 - 06.93
		8	5.0	02.93 - 06.93
VR		6	3.8	07.93 - 08.94
		8	5.0	07.93 - 08.94
VR II		6	3.8	09.94 - 03.95
		8	5.0	09.94 - 03.95
VS		6	3.8	04.95 - 05.96
		8	5.0	04.95 - 05.96
VS II		6	3.8	06.96 - 07.97
		8	5.0	06.96 - 07.97
Commodore Utility	VG	6	3.8	08.90 - 08.91
		8	5.0	08.90 - 08.91
VP		6	3.8	09.91 - 06.93
		8	5.0	09.91 - 06.93
VR		6	3.8	07.93 - 03.95
		8	5.0	07.93 - 03.95
VS		6	3.8	04.95 - 05.96
		8	5.0	04.95 - 05.96
VS II		6	3.8	06.96 - 07.97
		8	5.0	06.96 - 07.97
VS III		6	3.8	05.98 - 12.00
		8	5.0	05.98 - 12.00
Statesman	VQ	8	5.0	03.90 - 10.91
	VQ II	6	3.8	12.91 - 02.94
		8	5.0	12.91 - 02.94
VR		6	3.8	03.94 - 04.95
		8	5.0	03.94 - 04.95
VS		6	3.8	03.95 - 08.96
		8	5.0	03.95 - 08.96
VS II		6	3.8	09.96 - 04.98
		8	5.0	09.96 - 05.98
VS III		6	3.8	05.98 - 06.99
		8	5.0	05.98 - 06.99
Sunbird	LX	4	1.9	12.76 - 03.78
Torana	UC	6	2.8	03.78 - 12.79
			3.3	03.78 - 12.79

HSV (HOLDEN SPECIAL VEHICLES)

Clubsport	VN	8	5.0	08.88 - 10.91	
	VP	8	5.0	11.91 - 07.93	
	VR	8	5.0	06.93 - 04.95	
	VS	8	5.0	05.95 - 08.97	
Grange	VS	8	5.0	05.95 - 05.99	
			5.7	05.95 - 05.99	
Group A	VN	8	5.0	06.91 - 12.91	
Group A (Walkinshaw)	VL	8	5.0	02.88 - 12.88	
GTS	VP	8	5.0	11.91 - 07.93	
	VR	8	5.7	06.93 - 04.95	
	VS	8	5.7	05.95 - 08.97	
Maloo	VR	8	5.0	06.93 - 04.95	
	VS	8	5.0	05.95 - 12.00	
Senator	VP	8	5.0	11.91 - 07.93	
	VR		8	5.0	06.93 - 04.95
				5.7	06.93 - 04.95
	VS	8	5.0	05.95 - 08.97	
			5.7	05.95 - 08.97	

MITSUBISHI

Sigma Scorpion	GJ, GK, GL	4	2.6	11.80 - 10.85
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TOYOTA

Lexcen	VN19, VN35	6	3.8	06.89 - 08.91
	VP19, VP35	6	3.8	09.91 - 05.93
	VR19, VR35	6	3.8	06.93 - 04.95
	VS19, VS35	6	3.8	05.95 - 04.97



DB1086QS

DAEWOO

Korando	KJ	4	2.3	07.96 - 12.00
		6	3.2	07.96 - 12.00
Musso	MJ	4	2.3	05.96 - 12.00
		5	2.9	07.93 - 12.00
		6	3.2	05.97 - 12.00
		6	3.2	01.96 - 12.00

FORD

Fairlane	AU	6	4.0	02.99 - 06.00
		8	5.0	02.99 - 06.00
	NF	6	4.0	03.95 - 09.95
		8	5.0	03.95 - 09.95
	NF II	6	4.0	10.95 - 08.96
		8	5.0	10.95 - 08.96
NL	6	4.0	09.96 - 02.99	
	8	5.0	09.96 - 02.99	
Falcon / Fairmont	AU	6	4.0	09.98 - 03.00
		8	5.0	09.98 - 03.00
	EF	6	4.0	09.94 - 09.95
		8	5.0	09.94 - 09.95
	EF II	6	4.0	10.95 - 08.96
		8	5.0	10.95 - 08.96
EL	6	4.0	09.96 - 08.98	
	8	5.0	09.96 - 08.98	
Falcon XR6	AU	6	4.0	09.98 - 02.00
		6	4.0	09.94 - 09.95
	EF II	6	4.0	10.95 - 08.96
		6	4.0	09.96 - 08.98
Falcon XR8	AU	8	5.0	09.98 - 02.00
		8	5.0	09.94 - 09.95
	EF II	8	5.0	10.95 - 08.96
		8	5.0	09.96 - 08.98
EL	8	5.0	10.97 - 08.98	
				10.97 - 08.98
LTD	AU	6	4.0	10.99 - 09.00
		8	5.0	05.99 - 05.00

HOLDEN

Caprice	VQ	8	5.0	03.90 - 10.91	
		VQ II	6	3.8	12.91 - 02.94
			8	5.0	12.91 - 02.94
	VR	6	3.8	03.94 - 08.94	
		8	5.0	03.94 - 08.94	
	VR II	6	3.8	09.94 - 04.95	
		8	5.0	09.94 - 04.95	
	VS	6	3.8	04.95 - 08.96	
		8	5.0	03.95 - 08.96	
		6	3.8	09.96 - 04.98	
VS II	6	3.8	09.96 - 05.98		
	8	5.0	09.96 - 04.98		
VS III	6	3.8	05.98 - 06.99		
			06.98 - 05.99		
Commodore / Calais	VB	6	2.8	10.78 - 04.80	
			3.3	10.78 - 04.80	
	VC	8	4.2	10.78 - 04.80	
			5.0	10.78 - 04.80	
		6	2.8	04.80 - 10.81	
	VH	8	4.2	04.80 - 10.81	
			5.0	04.80 - 10.81	
	VK	6	2.8	10.81 - 03.84	
		8	3.3	10.81 - 03.84	
	VK	6	4.2	10.81 - 03.84	
8		5.0	10.81 - 03.84		



Commodore / Calais	VL	6	3.0	01.86 - 07.88	
		8	5.0	07.86 - 07.88	
VN		6	3.8	08.88 - 02.90	
				08.88 - 09.91	
		8	5.0	08.88 - 02.90	
VN II		6	3.8	03.90 - 09.91	
		8	5.0	03.90 - 09.91	
VP		6	3.8	10.91 - 12.92	
		8	5.0	10.91 - 12.92	
VP II		6	3.8	01.93 - 06.93	
				02.93 - 06.93	
		8	5.0	02.93 - 06.93	
VR		6	3.8	07.93 - 08.94	
		8	5.0	07.93 - 08.94	
VR II		6	3.8	09.94 - 03.95	
		8	5.0	09.94 - 03.95	
VS		6	3.8	04.95 - 05.96	
		8	5.0	04.95 - 05.96	
VS II		6	3.8	06.96 - 07.97	
		8	5.0	06.96 - 07.97	
		8	5.0	06.96 - 07.97	
Commodore Utility	VG	6	3.8	08.90 - 08.91	
		8	5.0	08.90 - 08.91	
VP		6	3.8	09.91 - 06.93	
		8	5.0	09.91 - 06.93	
		8	5.0	09.91 - 06.93	
VR		6	3.8	07.93 - 03.95	
		8	5.0	07.93 - 03.95	
VS		6	3.8	04.95 - 05.96	
		8	5.0	04.95 - 05.96	
VS II		6	3.8	06.96 - 07.97	
		8	5.0	06.96 - 07.97	
		8	5.0	06.96 - 07.97	
VS III		6	3.8	05.98 - 12.00	
		8	5.0	05.98 - 12.00	
		8	5.0	05.98 - 12.00	
Statesman	VQ	8	5.0	03.90 - 10.91	
	VQ II	6	3.8	12.91 - 02.94	
VR		8	5.0	12.91 - 02.94	
		6	3.8	03.94 - 04.95	
		8	5.0	03.94 - 04.95	
VS		6	3.8	03.95 - 08.96	
		8	5.0	03.95 - 08.96	
		8	5.0	03.95 - 08.96	
VS II		6	3.8	09.96 - 04.98	
		8	5.0	09.96 - 04.98	
VS III		6	3.8	05.98 - 06.99	
		8	5.0	05.98 - 06.99	
HSV (HOLDEN SPECIAL VEHICLES)					
Clubsport	VN	8	5.0	08.88 - 10.91	
	VP	8	5.0	11.91 - 07.93	
	VR	8	5.0	06.93 - 04.95	
	VS	8	5.0	05.95 - 08.97	
Grange	VS	8	5.0	05.95 - 05.99	
Group A	VN	8	5.0	06.91 - 12.91	
	VL	8	5.0	02.88 - 12.88	
Group A (Walkinshaw)	GTS	VP	8	5.0	11.91 - 07.93
		VR	8	5.7	06.93 - 04.95
		VS	8	5.7	05.95 - 08.97
Maloo	VR	8	5.0	06.93 - 04.95	
	VS	8	5.0	05.95 - 12.00	
Senator	VP		8	5.0	11.91 - 07.93
			8	5.0	06.93 - 04.95
	VR			5.7	06.93 - 04.95
			8	5.0	05.95 - 08.97
		5.7	05.95 - 08.97		



SSANGYONG					
Korando	KJ		4	2.3	07.96 - 12.05
			5	2.9	07.96 - 12.05
			6	3.2	07.96 - 12.05
Musso	MJ		4	2.3	05.96 - 12.05
			5	2.9	07.93 - 12.05
			6	3.2	01.96 - 12.05

TOYOTA				
Lexcen	VN19, VN35	6	3.8	06.89 - 08.91
	VP19, VP35	6	3.8	09.91 - 05.93
	VR19, VR35	6	3.8	06.93 - 04.95
	VS19, VS35	6	3.8	05.95 - 04.97

DB1088QS

TOYOTA				
Corolla	AE71	4	1.6	10.83 - 12.85
	KE55	4	1.3	03.80 - 12.81
	KE70	4	1.3	03.80 - 03.85

DB1091QS

NISSAN				
Bluebird	910	4	2.0	06.83 - 01.85
				02.85 - 06.86
Datsun Stanza	A10	4	1.6	05.78 - 12.83

DB1094QS

NISSAN				
Bluebird	910	4	2.0	04.81 - 05.83
				06.83 - 01.85
				02.85 - 06.86

DB1095QS

TOYOTA				
Corona	ST141	4	2.0	06.83 - 04.87

DB1103QS

HOLDEN					
Astra	LB	4	1.5	08.84 - 03.86	
	LC	4	1.6	04.86 - 06.87	
Nova	LE	4	1.4	07.89 - 08.91	
				1.6	07.89 - 08.91
	LF	4	1.4	09.91 - 11.92	
				1.6	09.91 - 10.94
				1.8	10.92 - 10.94
MITSUBISHI					
Colt	RB	4	1.4	10.82 - 03.84	
	RC	4	1.4	04.84 - 12.85	
	RD	4	1.4	01.86 - 08.88	
	RE	4	1.4	09.88 - 12.90	
Cordia	AA, AB	4	1.6	04.83 - 10.84	
				1.8	11.84 - 12.85
Cordia Turbo	AA, AB	4	1.8	05.84 - 12.85	
NISSAN					
Pulsar	N12	4	1.5	04.82 - 02.86	



◀ DB1103QS

TOYOTA				
Corolla	AE90	4	1.4	02.89 - 05.92
	AE92	4	1.6	05.87 - 06.91
				01.88 - 04.92
				01.89 - 04.92
				02.89 - 09.92
				02.89 - 06.94
				01.91 - 12.92
				07.91 - 06.94
	AE93	4	1.6	08.89 - 05.91
				06.91 - 08.92
AE94	4	1.6	07.91 - 06.94	
			1.8	
			01.91 - 12.92	
AE96	4	1.8	10.92 - 06.94	
Corolla 4WD	AE95	4	1.6	02.88 - 07.95

DB1104QS

MITSUBISHI

Magna / Verada	TN	4	2.6	04.87 - 05.89
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NISSAN

Pulsar	N12	4	1.5	04.82 - 02.86
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DB1105QS

NISSAN

Pintara	R31	4	2.0	06.86 - 12.90
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DB1106QS

NISSAN

Pintara	R31	4	2.0	06.86 - 12.90
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DB1108QS

FORD

Fairlane	AU	6	4.0	02.99 - 06.00	
		8	5.0	02.99 - 06.00	
	NA	6	3.9	06.88 - 09.89	
	NA II	6	3.9	10.89 - 06.91	
	NC	6	3.9	07.91 - 02.92	
		8	5.0	07.91 - 02.92	
	NC II	6	4.0	03.92 - 02.95	
		8	5.0	03.92 - 02.95	
	NF	6	4.0	03.95 - 09.95	
		8	5.0	03.95 - 09.95	
	NF II	6	4.0	10.95 - 08.96	
		8	5.0	10.95 - 08.96	
	NL	6	4.0	09.96 - 02.99	
		8	5.0	09.96 - 02.99	
	Falcon / Fairmont	AU	6	4.0	09.98 - 03.00
			8	5.0	09.98 - 03.00
EA		6	3.2	03.88 - 12.88	
			3.9	03.88 - 09.89	
EA II		6	3.9	10.89 - 06.91	
EB		6	3.9	07.91 - 02.92	
		8	5.0	07.91 - 02.92	
EB II		6	4.0	03.92 - 07.93	
		8	5.0	03.92 - 07.93	
				10.92 - 04.93	
ED		6	4.0	08.93 - 08.94	
		8	5.0	08.93 - 08.94	
EF	6	4.0	09.94 - 09.95		
	8	5.0	09.94 - 09.95		



Falcon / Fairmont	EF II	6	4.0	10.95 - 08.96
		8	5.0	10.95 - 08.96
	EL	6	4.0	09.96 - 08.98
		8	5.0	09.96 - 08.98
Falcon Utility	XH	6	4.0	04.96 - 11.99
Falcon Van	XH	6	4.0	04.96 - 05.99
Falcon XR6	AU	6	4.0	09.98 - 02.00
	EB II	6	4.0	10.92 - 07.93
	ED	6	4.0	08.93 - 07.94
	EF	6	4.0	09.94 - 09.95
	EF II	6	4.0	10.95 - 08.96
	EL	6	4.0	09.96 - 08.98
Falcon XR8	AU	8	5.0	09.98 - 02.00
	ED	8	5.0	08.93 - 08.94
	EF	8	5.0	09.94 - 09.95
	EF II	8	5.0	10.95 - 08.96
	EL	8	5.0	09.96 - 08.98
				10.97 - 08.98
LTD	AU	6	4.0	10.99 - 09.00
		8	5.0	05.99 - 05.00
	DA	6	3.9	06.88 - 09.89
	DA II	6	3.9	10.89 - 06.91
	DC	6	3.9	07.91 - 02.92
			4.0	03.92 - 02.95
		8	5.0	07.91 - 02.92
	DC II	8	5.0	03.92 - 02.95
	DF	6	4.0	03.95 - 09.95
		8	5.0	03.95 - 09.95
	DF II	6	4.0	10.95 - 08.96
		8	5.0	10.95 - 08.96
	DL	6	4.0	09.96 - 05.99
		8	5.0	09.96 - 05.99
FD	6	4.1	03.82 - 09.84	
	8	4.9	03.82 - 09.84	
		5.8	03.82 - 09.84	

DB1109QS

FORD

Fairlane	NA	6	3.9	06.88 - 09.89	
		NA II	6	3.9	10.89 - 06.91
	NC	6	3.9	07.91 - 02.92	
		8	5.0	07.91 - 02.92	
	NC II	6	4.0	03.92 - 02.95	
		8	5.0	03.92 - 02.95	
Falcon / Fairmont	EA	6	3.2	03.88 - 12.88	
			3.9	03.88 - 09.89	
	EA II	6	3.9	10.89 - 06.91	
	EB	6	3.9	07.91 - 02.92	
		8	5.0	07.91 - 02.92	
	EB II	6	4.0	03.92 - 07.93	
		8	5.0	03.92 - 07.93	
				10.92 - 04.93	
	ED	6	4.0	08.93 - 08.94	
		8	5.0	08.93 - 08.94	
	Falcon Utility	XH	6	4.0	04.96 - 11.99
	Falcon Van	XH	6	4.0	04.96 - 05.99
Falcon XR6	EB II	6	4.0	10.92 - 07.93	
	ED	6	4.0	08.93 - 07.94	
Falcon XR8	ED	8	5.0	08.93 - 08.94	
LTD	DA	6	3.9	06.88 - 09.89	
	DA II	6	3.9	10.89 - 06.91	
	DC	6	3.9	07.91 - 02.92	
			4.0	03.92 - 02.95	
		8	5.0	07.91 - 02.92	
	DC II	8	5.0	03.92 - 02.95	
DF	6	4.0	03.95 - 09.95		
	8	5.0	03.95 - 09.95		
DF II	6	4.0	10.95 - 08.96		
	8	5.0	10.95 - 08.96		



LTD	DL	6	4.0	09.96 - 05.99
		8	5.0	09.96 - 05.99
	FD	6	4.1	03.82 - 09.84
		8	4.9	03.82 - 09.84
			5.8	03.82 - 09.84

DB1110QS

HOLDEN

Apollo	JK	4	2.0	08.89 - 07.91
	JL	4	2.0	08.91 - 02.93

TOYOTA

Camry / Vienta	SV20	4	1.8	01.87 - 06.89
	SV21	4	2.0	01.87 - 11.92
	SV22	4	2.0	07.89 - 06.91
	VZV21	6	2.5	06.88 - 02.93

DB1113QS

MITSUBISHI

Express	MD	4	1.6	01.86 →			
				01.86 →			
	SE	4	1.6	01.86 →			
				2.0	01.86 - 09.86		
				2.4	01.86 - 12.90		
	SF	4	2.0	01.86 - 12.90			
				10.86 - 11.90			
	SG	4	2.0	01.86 - 12.90			
				2.4	01.90 - 12.91		
				2.5	12.90 - 12.91		
	SH	4	2.0	01.92 - 08.94			
				2.4	09.91 →		
				2.5	01.92 - 08.94		
	SJ	4	2.0	09.94 →			
2.5				09.94 →			
Express Starwagon	SE	4	2.0	01.86 →			
L200	K0/K1/K2/K3	6	3.0	06.90 - 05.91			
L300	P	4	2.4	11.86 - 10.88			
				11.88 - 05.94			
Pajero	L	4	2.5	06.87 - 10.89			
				06.87 - 06.91			
				11.89 - 06.91			
				12.82 - 04.91			
				12.82 - 04.91			
Starwagon	NA/NB/NC/ND/NE/NF/NG	4	2.6	12.82 - 04.91			
				NF/NG	6	3.0	09.88 - 04.91
				V	4	2.5	04.91 - 07.93
Starwagon		4	2.0	01.86 - 12.90			
				01.90 - 12.91			
				2.4	01.86 - 12.90		
				01.90 - 12.91			
Triton	ME	4	2.5	10.86 - 06.88			
				2.6	10.86 - 06.88		
	MF	4	2.5	07.88 - 08.89			
				2.6	07.88 - 08.89		
	MG	4	2.5	09.89 - 08.90			
				2.6	09.89 - 08.90		
	MH	4	2.5	09.90 - 07.92			
				2.6	09.90 - 07.92		
	MJ	4	2.5	08.92 - 09.96			
				2.6	08.92 - 09.96		
				6	3.0	10.90 - 09.96	



DB1114QS

FORD

Telstar	AT	4	2.0	10.87 - 10.89
				2.2
Telstar Turbo	AV	4	2.2	01.90 - 10.91
				AT
	AV	4	2.2	01.90 - 10.91

MAZDA

MX-6	GD	4	2.2	07.87 - 10.88
				GD
626	GV	4	2.2	03.88 - 09.89
				626 Turbo
				09.89 - 09.91

DB1115QS

FORD

Telstar	AT	4	2.0	10.87 - 10.89
				2.2
Telstar Turbo	AV	4	2.2	01.90 - 10.91
				AT
	AV	4	2.2	01.90 - 10.91

MAZDA

MX-6	GD	4	2.2	07.87 - 10.88
				09.89 - 06.91
626	GD	4	2.2	07.87 - 08.89
				09.89 - 09.91
626 Turbo	GV	4	2.2	03.88 - 09.89
				GD
				09.89 - 09.91

DB1116QS

HOLDEN

Jackaroo	UBS	4	2.0	02.81 - 12.86				
				2.2	11.81 - 06.84			
				2.3	07.84 - 06.88			
Rodeo		4	2.3	08.85 - 06.88				
				2.5	07.85 - 06.88			
				2.6	07.88 - 03.90			
				2.6	07.88 - 12.90			
				R7	4	2.6	01.97 - 05.98	
				TF	4	2.2	06.98 - 12.00	
							01.01 - 02.03	
							2.4	07.88 - 12.92
							2.6	01.91 - 04.93
								01.91 - 10.95
Rodeo		4	2.6	05.93 - 12.96				
				11.95 - 12.96				
				2.8	04.90 - 12.96			
					01.93 - 12.96			
					01.97 - 05.98			
					01.97 - 06.01			
					06.98 - 06.01			
					07.01 - 03.03			
					3.0	12.01 - 02.03		
					6	3.2	06.98 - 12.00	
							01.01 - 02.03	
			01.01 - 03.03					
	UBS	4	2.2	01.87 - 10.88				

**DB1117QS****HOLDEN**

Astra	LD	4	1.6	07.87 - 07.89
				10.87 - 07.89
			1.8	07.87 - 07.89
				10.87 - 07.89

NISSAN

Exa	KEN13	4	1.8	10.87 - 10.90
	N13	4	1.6	11.86 - 10.87
Pulsar	N13	4	1.6	08.87 - 10.91
			1.8	08.87 - 10.91

SUZUKI

Swift	EA	3	1.0	03.89 - 12.95
		4	1.3	09.91 - 04.95
		4	1.3	10.84 - 03.89

DB1118QS**NISSAN**

Pulsar	N13	4	1.6	08.87 - 10.91
				1.8

DB1125QS**DAIHATSU**

Applause		4	1.6	06.89 - 07.97
Charade	G11	3	1.0	10.83 - 03.87
	G102	4	1.3	06.88 - 10.90
				11.90 - 12.92

DB1127UL**LAND ROVER GROUP**

Defender	4	2.5	08.90 - 12.01
	5	2.5	06.98 - 07.07

DB1129QS**TOYOTA**

Celica	ST162	4	2.0	09.87 - 08.89
	ST182	4	2.0	10.90 - 09.91
	ST184	4	2.2	10.89 - 11.93
	ST185	4	2.0	10.89 - 10.93

DB1130QS**BMW**

318i	E 30	4	1.8	09.87 - 12.91
318i Cabriolet	E 30	4	1.8	09.90 - 12.93
318iS	E 30	4	1.8	09.89 - 12.91
320i	E 30	6	2.0	09.82 - 09.87
				12.85 - 12.91
323e	E 30	6	2.7	01.85 - 12.87
323i	E 30	6	2.3	09.82 - 12.86
325i	E 30	6	2.5	12.86 - 12.91

LAND ROVER GROUP

Discovery	5	2.5	10.98 - 10.04
	8	4.0	10.98 - 10.04



Range Rover	8	4.0	09.94 - 09.02
		4.6	09.94 - 09.02

DB1130UL**BMW**

318i	E 30	4	1.8	09.87 - 12.91
318i Cabriolet	E 30	4	1.8	09.90 - 12.93
318iS	E 30	4	1.8	09.89 - 12.91
320i	E 30	6	2.0	09.82 - 09.87
				12.85 - 12.91
323e	E 30	6	2.7	01.85 - 12.87
323i	E 30	6	2.3	09.82 - 12.86
325i	E 30	6	2.5	12.86 - 12.91

LAND ROVER GROUP

Discovery	5	2.5	10.98 - 10.04
	8	4.0	10.98 - 10.04
Range Rover	8	4.0	09.94 - 09.02
		4.6	09.94 - 09.02

DB1131QS**BMW**

520i	E 34	6	2.0	09.89 - 12.95
525i	E 34	6	2.5	01.88 - 12.90
				09.89 - 12.95
530i	E 34	8	3.0	09.92 - 09.95
540i	E 34	8	4.0	09.92 - 09.95
730i, 730iL	E 32	6	3.0	09.86 - 06.94
		8	3.0	09.91 - 10.94
735i, 735iL	E 32	6	3.4	09.86 - 12.92
740i, 740iL	E 32	8	4.0	09.91 - 10.94
750i, 750iL	E 32	12	5.0	09.87 - 10.94

DB1132QS**BMW**

M3	E 36	6	3.0	09.92 - 09.95
			3.2	10.95 - 12.98
M5	E 34	6	3.5	10.88 - 12.93
520i	E 34	6	2.0	09.89 - 12.95
525i	E 34	6	2.5	01.88 - 12.90
				09.89 - 12.95
530i	E 34	8	3.0	09.92 - 09.95
		8	4.0	09.92 - 09.95
730i, 730iL	E 32	6	3.0	09.86 - 06.94
		8	3.0	09.91 - 10.94
735i, 735iL	E 32	6	3.4	09.86 - 12.92
740i, 740iL	E 32	8	4.0	09.91 - 10.94
750i, 750iL	E 32	12	5.0	09.87 - 10.94

DB1133QS**HONDA**

Integra Legend	DA	4	1.8	06.89 - 07.93
	KA/HS	6	2.5	05.86 - 12.87
			2.7	01.87 - 02.91
Prelude	AB	4	2.0	01.86 - 09.87
	BA	4	2.0	10.87 - 12.91

DB1136UL**LADA**

Samara	4	1.3	07.88 - 09.90
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**DB1139UL****VW (VOLKSWAGEN)**

Bus	24, 25	4	2.1	08.85 - 07.92
Transporter	24, 25	4	1.9	01.83 - 07.85
			2.1	07.85 - 07.92
				08.85 - 07.92

DB1141QS**TOYOTA**

Cressida	MX83	6	3.0	08.88 - 02.93
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DB1142QS**HONDA**

Accord 2.4 Tourer	CL/CN/CM	4	2.3	02.03 - 12.05
Civic		4	2.0	04.06→
	ES	4	1.3	01.04 - 12.05
			1.7	10.00→
	FD	4	1.3	01.06→
Integra Type-R	DC	4	1.8	01.98 - 10.01
Legend	KA	6	3.5	01.96 - 12.97
	KA/HS	6	2.7	01.87 - 02.91
NSX	NA	6	3.0	06.90 - 12.96
NSX-T	NA	6	3.0	01.95 - 12.96

DB1146QS**FORD**

Maverick		6	4.2	04.88 - 12.94
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NISSAN

Patrol	Y60	6	2.8	10.94 - 09.97
			3.0	04.90 - 11.97
			4.2	08.87 - 09.97
				02.92 - 11.97

DB1147QS**HOLDEN**

Nova	LE	4	1.4	07.89 - 08.91
			1.6	07.89 - 08.91
	LF	4	1.4	09.91 - 11.92
			1.6	09.91 - 10.94
			1.8	10.92 - 10.94
	LG	4	1.8	09.94 - 09.96

TOYOTA

Celica	ST182	4	2.0	01.91 - 10.93
Corolla	AE82	4	1.6	09.86 - 08.88
	AE90	4	1.4	02.89 - 05.92
	AE92	4	1.6	05.87 - 06.91
				01.88 - 04.92
				01.89 - 04.92
				02.89 - 09.92
				02.89 - 06.94
				01.91 - 12.92
				07.91 - 06.94
	AE93	4	1.6	08.89 - 05.91
				06.91 - 08.92
	AE94	4	1.6	07.91 - 06.94
			1.8	01.91 - 12.92
	AE96	4	1.8	10.92 - 06.94



Corolla	AE101	4	1.6	07.94 - 08.98
				09.94 - 04.97
	AE102	4	1.8	07.94 - 12.99
				09.94 - 08.97
	AE112R	4	1.8	10.98 - 10.99
				10.99 - 09.01
Corolla 4WD	AE95	4	1.6	02.88 - 07.95
MR2	SW20	4	2.0	12.89 - 08.99
Sprinter	AE102	4	1.8	11.92 - 05.95

DB1148QS**NISSAN**

Patrol	Y61	4	3.0	02.00→
		6	2.8	10.97 - 02.00
				4.2
				10.97→
				4.5
				08.97→
Pulsar	N14	4	2.0	08.91 - 05.95

DB1149QS**TOYOTA**

Hilux	KNZ165R	4	3.0	07.00 - 02.02
				03.02 - 05.05
	KUN16R	4	3.0	03.05→
	KZN16R	4	3.0	12.99→
	KZN130G/KZN130W	4	3.0	08.93 - 11.95
	LN105	4	2.4	09.88 - 08.97
	LN106R, 107R, 111R	4	2.8	10.88 - 12.97
	LN130	4	2.4	01.90 - 11.95
	LN167R	4	3.0	10.98 - 06.00
				11.00 - 05.02
	LN167R, 172R	4	3.0	10.97 - 02.05
	LN192R	4	3.0	01.98 - 12.02
				11.00 - 12.02
	RNZ169R	4	2.7	10.98 - 04.05
	RN110	4	2.4	08.88 - 08.97
	RN110R	4	2.4	08.88 - 08.97
	RZN169H/RZN174H	4	2.7	08.99 - 07.04
	RZN169R, 174R	4	2.7	10.97 - 02.05
		6	3.4	10.02→
	VZN130	6	3.0	08.89 - 11.95
	YN106	4	2.2	08.88 - 08.94
	YN110	4	2.2	08.88 - 08.94
Hilux Surf	KDN185G/ KDN185W	4	3.0	06.00 - 11.02
	KZN185G/ KZN185W	4	3.0	11.95 - 07.98
	KZN185W	4	3.0	07.96 - 08.00
	LN130G	4	2.4	04.89 - 08.90
	LN130G/LN130W	4	2.4	08.90 - 08.93
	LN131V	4	2.8	04.89 - 08.93
	RZN185W	4	2.7	11.95 - 11.02
	VZN130G	6	3.0	08.91 - 11.95
	VZN185W	6	3.4	11.95 - 11.02
	YN130G	4	2.0	04.89 - 08.91
Land Cruiser	BJ73	4	3.4	01.90 - 02.94
	FJ75RP	6	4.0	01.90 - 04.92
	HZJ70	6	4.2	01.90 - 08.99
	HZJ73	6	4.2	01.90 - 08.99
	HZJ75	6	4.2	08.92 - 08.99
	KZJ90/95	4	3.0	04.96 - 06.99
				07.99 - 09.02
	PZJ70	5	3.5	01.90 - 08.92
	PZJ73	5	3.5	01.90 - 08.92
	RJ70	4	2.4	01.90 - 12.90
Land Cruiser Prado	KZJ71G/KZJ71W/ KZJ78G/KZJ78W	4	3.0	05.93 - 04.96



◀ DB1149QS

Land Cruiser Prado	KZJ90W/KZJ95W	4	3.0	04.96 - 08.00
	LJ71G/LJ78G/LJ78W	4	2.4	04.90 - 05.93
	RZJ90W/RZJ95W	4	2.7	04.96 - 09.02
	VZJ90W/VZJ95W	6	3.4	04.96 - 09.02
	VZJ90/95	6	3.4	04.96 - 01.03
	VZJ95	6	3.4	04.96 - 01.03
4-Runner		4	2.4	08.89 - 11.95
			2.8	10.89 →
		6	3.0	01.90 - 11.95
	RN130	4	2.4	08.91 - 11.95

DB1155QS

HOLDEN

Barina	MF	4	1.3	01.89 - 08.91
	MH	4	1.3	09.91 - 04.94

SUZUKI

Alto	EF	4	1.0	10.94 →
Swift	EA	3	1.0	03.89 - 12.95
		4	1.3	09.91 - 09.95
			1.6	09.91 - 09.95
	MA	4	1.3	06.96 - 03.01
	OA	4	1.3	10.84 - 03.89
			08.86 - 03.89	

DB1156UL

SAAB (SAAB AUTOMOBILE AB)

9000		4	2.0	09.87 - 08.88
				09.89 - 08.93
				01.90 - 08.93
				09.92 - 12.98
				09.89 - 08.93
		4	2.3	09.90 - 08.93
				09.90 - 08.93
				09.93 - 08.94

DB1157UL

SAAB (SAAB AUTOMOBILE AB)

900		4	2.0	09.85 - 08.90			
				09.85 - 08.91			
				09.85 - 08.92			
				09.85 - 08.93			
				09.90 - 08.93			
		4	2.1	09.90 - 08.93			
				09.91 - 08.93			
				9000	4	2.0	09.85 - 08.87
							08.86 - 08.89
							09.89 - 08.93
			01.90 - 08.93				

DB1158QS

FORD

Festiva	WB	4	1.3	04.94 - 12.96
	WBII	4	1.3	02.97 - 12.97
				1.5
	WF	4	1.3	01.98 - 12.00
		4	1.5	01.98 - 12.00
Laser	KF	4	1.6	03.90 - 09.91
				1.8
	KH	4	1.6	10.91 - 09.92
			1.8	10.91 - 09.92



Laser	KH II	4	1.6	10.92 - 09.94
			1.8	10.92 - 07.93
				10.92 - 09.94

KIA

Rio	DC	4	1.5	07.00 - 07.02
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MAZDA

121	DB	4	1.3	11.90 - 10.93	
				11.93 - 12.95	
				11.95 - 11.97	
				1.5	11.93 - 12.95
				11.95 - 11.97	
	DW	4	1.3	08.96 - 12.99	
				01.00 - 12.02	
				1.5	08.96 - 12.99
				01.00 - 12.02	
323	BG	4	1.6	07.89 - 12.95	
				1.8	07.89 - 03.91
					04.91 - 05.94

DB1159QS

DAIHATSU

Charade	G2	4	1.5	01.97 - 04.00
	G200	4	1.3	01.93 - 09.00
	G202	3	1.0	05.93 - 12.95
	G203	4	1.5	06.94 - 09.00
				08.94 - 06.00

FORD

Laser	KF	4	1.6	03.90 - 09.91
			1.8	03.90 - 09.91
				06.90 - 09.91
	KH	4	1.6	10.91 - 09.92
			1.8	10.91 - 09.92

MAZDA

Eunos 30X	EC	6	1.8	12.91 - 10.93	
				11.93 - 01.98	
323	BF	4	1.6	07.85 - 07.87	
				09.87 - 06.89	
				07.89 - 12.95	
		BG	4	1.6	07.89 - 03.91
					1.8
				11.89 - 04.92	
				04.91 - 05.94	
	BW	4	1.6	01.86 - 01.88	

DB1163QS

HONDA

Civic	ED/EE	4	1.6	11.87 - 05.92
	EG/EH	4	1.6	06.92 - 06.98
				10.93 - 09.95
	EJ/EK	4	1.6	10.95 - 09.98
				10.95 - 10.98
				10.95 - 03.99
Integra	DA	4	1.8	06.89 - 07.93
Prelude	AB	4	2.0	01.86 - 09.87
	BA	4	2.0	10.87 - 12.91

DB1164QS

DAEWOO

Cielo		4	1.5	08.94 - 08.97
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**DB1165QS****FORD**

Corsair	UA	4	2.0	09.88 - 08.92
			2.4	09.88 - 08.92

HYUNDAI

Sonata	Y2	4	2.4	01.89 - 02.91
		6	3.0	09.89 - 02.91

NISSAN

Pintara	U12	4	2.0	08.89 - 10.92
			2.4	08.89 - 10.92
Pulsar	N16	4	1.6	07.00→
			1.8	07.00→
Skyline	R31	6	3.0	07.86 - 12.90
200SX	S13	4	1.8	09.88 - 09.91

DB1166QS**HYUNDAI**

Elantra	XD	4	1.8	06.00→
			2.0	06.00→
Lantra	J1	4	1.6	05.93 - 04.95
			1.8	05.93 - 04.95
	J2	4	1.8	05.95 - 09.00
			2.0	08.96 - 09.00
Tiburon	GK	4	2.0	03.02 - 12.03
		6	2.7	03.02→

DB1167QS**HYUNDAI**

Coupe	RD	4	1.8	07.97 - 09.01
			2.0	05.96 - 09.01
Elantra	XD	4	1.8	06.00 - 09.01
			2.0	06.00 - 09.01
Lantra	J1	4	1.6	10.90 - 04.95
			1.8	06.92 - 04.95
	J2	4	1.8	05.95 - 09.00
			2.0	08.96 - 09.00
Sonata		6	2.7	05.04→
	NF	6	2.4	02.01→
	Y2	4	2.4	03.91 - 10.93
		6	3.0	03.91 - 06.93
Sonata II	Y3	4	2.0	07.93 - 04.96
				05.96 - 06.98
		6	3.0	07.93 - 06.98
Sonata III	EF	6	2.5	03.98 - 03.01
Sonata IV		4	2.0	01.01 - 09.04
	EF	6	2.7	07.01 - 11.04
Sonata V	NF	6	3.3	12.04→
Tiburon	GK	4	2.0	03.02 - 12.03
		6	2.7	03.02→
	RD	4	1.5	04.96→
			2.0	05.96→

KIA

Optima		6	2.5	07.00 - 04.02
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DB1168QS**MITSUBISHI**

Express	SJ	4	2.4	09.94→
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DB1169QS**VOLVO**

740		4	2.3	08.84 - 07.89
				08.84 - 07.91
				08.84 - 07.92
				04.88 - 07.90
				08.89 - 07.91
760		6	2.8	02.83 - 12.85
				01.86 - 04.86
				05.86 - 11.90
760 Turbo		4	2.3	01.84 - 07.84
				08.84 - 12.85
940		4	2.3	12.90 - 07.92
				12.90 - 08.93
				06.91 - 07.95
960		6	2.8	09.90 - 07.91

DB1170QS**NISSAN**

GT-R		6	2.6	01.91 - 12.93
300ZX	Z32	6	3.0	01.90 - 11.95
				01.90 - 03.96

SUBARU

Impreza WRX STi	GD,GG	4	2.0	10.01 - 05.05
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DB1171QS**VOLVO**

S90		6	2.9	01.97 - 05.98
V70		5	2.5	03.03 - 07.07
V90		6	2.9	01.97 - 07.98
760		6	2.8	02.83 - 12.85
				01.86 - 04.86
				05.86 - 11.90
760 Turbo		4	2.3	08.84 - 12.85
940		4	2.3	12.90 - 07.92
				12.90 - 12.93
				06.91 - 07.95
				05.95 - 12.96
960		6	3.0	12.91 - 02.97

DB1171UL**VOLVO**

S90		6	2.9	01.97 - 05.98
V70		5	2.5	03.03 - 07.07
V90		6	2.9	01.97 - 07.98
760		6	2.8	02.83 - 12.85
				01.86 - 04.86
				05.86 - 11.90
760 Turbo		4	2.3	08.84 - 12.85
940		4	2.3	12.90 - 07.92
				12.90 - 12.93
				06.91 - 07.95
				05.95 - 12.96
960		6	3.0	09.93 - 02.97



DB1172QS

HONDA				
Accord	CA/CB/CD	4	2.2	11.89 - 09.93 11.90 - 09.93 01.93 - 01.02 10.93 - 12.97

DB1175QS

NISSAN				
Pathfinder	D21	4	2.4	08.86 - 07.92
		6	3.0	07.92 - 07.95
Terrano	R20	4	2.4	11.96 - 12.99
			2.7	11.96 →

DB1176QS

LAND ROVER GROUP				
Discovery		4	2.5	09.89 - 09.94 10.93 - 12.98
		8	3.5	09.89 - 12.98
			3.9	10.93 - 12.98
Land Rover		0	3.9	10.83 - 07.90
		8	3.5	11.83 - 07.90
Range Rover		4	2.4	10.89 - 12.90
		8	3.5	10.89 - 09.90
			3.9	10.89 - 08.94

DB1176WUL

LAND ROVER GROUP				
Discovery		4	2.5	09.89 - 09.94 10.93 - 12.98
		8	3.5	09.89 - 12.98
			3.9	10.93 - 12.98

DB1177QS

FORD				
Laser	KF	4	1.8	06.90 - 09.91
			1.8	10.91 - 09.92
	KH	4	1.6	10.94 - 11.96
			1.8	10.94 - 11.96
	KJ II	4	1.6	12.96 - 12.97
			1.8	12.96 - 12.97
KJ III	4	1.6	12.97 - 03.99	
		1.8	12.97 - 03.99	

MAZDA

Eunos 30X	EC	6	1.8	12.91 - 10.93 11.93 - 01.98		
323	BA	4	1.6	10.96 - 06.98 05.94 - 09.95 11.94 - 09.95 10.96 - 06.98		
				6	2.0	05.94 - 09.95
				BG	4	1.8



DB1180QS

DAIHATSU				
Applause		4	1.6	06.89 - 07.97

FORD					
Laser	KH II	4	1.6	10.92 - 09.94	
				1.8	10.92 - 07.93
					10.92 - 09.94

MAZDA

MX-5	NA	4	1.6	08.89 - 07.92 08.92 - 08.93
323	BG	4	1.8	04.91 - 05.94

SUZUKI

Baleno		4	1.8	09.95 - 09.05 08.96 - 08.06

DB1182UL

PEUGEOT					
205		4	1.6	11.90 - 09.98	
				1.9	10.86 - 10.87 10.87 - 10.94 10.87 - 09.98
306	N3	4	1.8	01.93 - 04.97	
				1.9	05.93 - 04.97
306CC	N3	4	1.8	01.93 - 04.97	
405		4	1.9	06.92 - 04.97	
				15	07.87 - 12.92
					07.88 - 12.92

RENAULT

Fuego		4	2.0	10.80 - 10.85
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DB1183UL

MERCEDES-BENZ				
560SL	W107	8	5.6	09.85 - 08.89

DB1185QS

SUBARU							
Impreza		4	1.6	01.93 - 12.95			
				1.8	01.93 - 12.95		
				GC,GF	4	1.6	08.96 - 07.98
						1.8	01.93 - 07.96
					2.0	08.95 - 07.98	
				Impreza WRX	GC,GF	4	2.0
Liberty		4	2.2	01.89 - 12.94 01.94 - 12.95			
				BC,BF,BJ	4	2.2	01.89 - 12.93
					BD,BG	4	2.2
				Outback	BE,BH	4	2.5

DB1186QS

SUBARU							
Impreza		4	1.6	01.93 - 12.95			
				1.8	01.93 - 12.95		
				GC,GF	4	1.6	08.96 - 07.98
						1.8	01.93 - 07.96
					2.0	08.95 - 07.98	



Impreza	GD,GG	4	2.0	10.00→
Impreza WRX	GC,GF	4	2.0	12.93-07.98 08.98-09.00
	GD,GG	4	2.0	10.00-10.02
Liberty		4	2.2	01.89-12.94 01.94-12.95
	BC,BF,BJ	4	2.0	05.92-12.93
			2.2	01.89-12.93
	BD,BG	4	2.2	01.94-05.97
			2.5	06.96-11.98
	BE,BH	4	2.0	05.01-05.03
Outback	BD,BG	4	2.5	06.96-08.98
	BE,BH	4	2.5	10.98-05.03
SVX		6	3.3	09.92-12.96

DB1187QS

NISSAN

Maxima	J30	6	3.0	02.90-06.94
200SX	S13	4	1.8	09.88-12.93

DB1189WUL

ROVER

825		6	2.5	10.86-10.88
827		6	2.7	02.88-10.91

TATA (TELCO)

Safari		4	2.0	02.98→
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DB1191QS

HONDA

Accord		6	3.0	01.98→
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DB1192QS

AUDI

A3	8L1	4	1.6	09.96-06.01 05.00-04.02 05.02-06.03
			1.8	09.96-06.01 12.96-06.03 08.98-05.00 08.98-04.03 05.00-06.03
	8PA	4	1.6	09.04-05.05 06.05→
			1.8	11.06-05.07
			2.0	09.04-01.05 11.05-11.06
	8P1	4	1.6	05.03-05.05 06.05→
			1.8	11.06-06.07
			2.0	05.03→ 01.04-08.04 06.04-12.04 09.04-10.05
A3 Quattro	8L1	4	1.8	08.97-08.00 08.98-06.99
A4	8D2, B5	4	1.8	02.97-07.98 02.97-04.99 08.97-12.98



A4	8D2, B5	6	2.4	08.97-07.98 08.98-07.99 06.00-10.00
			2.6	02.97-07.98
			2.8	02.97-12.98 08.98-06.00
	8EC, B7	4	1.8	11.04→
			2.0	11.04-05.05 11.04→ 06.05→
	8E2, B6	4	1.8	07.02-12.04 11.02-12.04
			2.0	12.00-12.04
		6	2.4	09.01-12.04
			3.0	12.00-12.04 04.01-12.04
	8H7, B6	4	1.8	04.02-12.05
		6	3.0	04.02-12.05
A4 Avant	8D5, B5	4	1.8	02.97-07.98 08.97-09.01
		6	2.4	08.97-07.98 08.98-06.00 06.00-09.01
			2.6	02.97-07.98
			2.8	02.97-07.98
	8ED, B7	4	1.8	11.04→
			2.0	11.04→
	8E5, B6	4	1.8	07.02-12.04 11.02-12.04
			2.0	09.01-12.04
A4 Quattro	8D2, B5	4	1.8	01.99-04.99 01.99-10.00
		6	2.4	02.99-10.00
			2.8	02.99-06.00
	8EC, B7	4	1.8	11.04→
	8E2, B6	4	1.8	07.02-12.04
		6	3.0	12.00-12.04 03.01-12.04
A4 Quattro Avant	8D5, B5	4	1.8	01.99-04.99 01.99-09.01
		6	2.4	01.99-09.01
	8E5, B6	4	1.8	09.01-06.02
A6	4B2, C5	6	2.4	04.97-01.99 11.98-04.01 06.01-05.04
			2.8	04.97-07.98 11.98-04.01
			3.0	06.01-05.04
A6 Avant	4BH, C5	6	2.5	05.00-05.03
	4B5, C5	6	2.4	04.97-01.99 11.98-06.00
			2.8	02.98-07.98
A6 Quattro	4B2, C5	6	2.4	11.98-06.99
			2.7	06.01-06.02
			2.8	07.02-05.04 04.97-12.98
			3.0	01.99-05.01 06.01-05.04
	4B4, C5	8	4.2	04.99-05.01 06.00-05.04
A6 Quattro Avant	4BH, C5	6	2.5	06.03-08.05
			2.7	05.00-06.02 07.02-08.05
		8	4.2	07.02-08.05
	4B5, C5	6	2.4	11.98-06.99
A8	4D2, D2	8	3.7	10.98-12.98
A8 Quattro	4D2, D2	8	4.2	10.98-12.98 10.98-02.01
S3	8L1	4	1.8	08.98-08.00 08.01-06.03



◀ DB1192QS

S4	8D2, B5	6	2.7	10.97 - 10.00
	8D5, B5	6	2.7	10.97 - 09.01
S6	4B4, C5	8	4.2	09.99 - 05.01 06.01 - 05.04
S8	4D2	8	4.2	10.98 - 12.98 09.00 - 09.02
TT	8N3	4	1.8	07.98 - 08.00 07.98 - 08.01 09.00 - 05.05 09.00 - 06.06
TT Quattro	8N3	6	3.2	07.03 - 06.06
TT Quattro Roadster	8N9	4	1.8	03.99 - 08.01 09.00 - 05.05 09.00 - 06.06
		6	3.2	07.03 - 06.06
CITROEN				
C2	A6	4	1.6	09.03 → 10.04 →
C3	A8	4	1.6	01.02 - 08.05
	A31	4	1.6	09.05 →
C4	B5	4	1.6	11.04 → 2.0 11.04 →
PEUGEOT				
307	T5	4	1.6	08.00 - 05.05 02.04 - 05.05 08.00 - 05.05 03.02 - 05.05 10.03 - 05.05
	T6	4	1.6	06.05 → 2.0 06.05 →
405	4	4	2.0	06.92 - 04.97 01.93 - 04.97
	15	4	1.9	07.87 - 12.92 04.88 - 12.92 07.88 - 12.92
RENAULT				
Clio	BR./CR.	4	1.4	06.05 →
Megane	BM./CM./GM./SM.	4	1.6	05.05 → 2.0 03.06 →
	EM.	4	1.6	10.03 → 2.0 10.03 →
	LM.	4	2.0	07.03 →
Megane II 1.9 DCI	LM.	4	1.9	05.05 →
Scenic	JA	4	1.6	03.99 - 04.03 2.0 06.99 - 04.03 06.00 → 11.00 - 04.03 02.01 - 04.03
	JM.	4	2.0	05.03 →
Scenic II 1.9 DCI	JM.	4	1.9	05.05 →
SEAT				
Cordoba	6K2	4	2.0	09.93 - 04.96
Ibiza	6K1	4	2.0	03.93 - 04.96 06.96 - 10.99
Toledo	1L2	4	2.0	05.91 - 06.96 03.94 - 03.99 03.96 - 03.99
VW (VOLKSWAGEN)				
Bora	1J2	4	2.0	09.98 - 05.05
		5	2.3	09.98 - 02.01 01.99 - 02.01 09.00 - 05.05
		6	2.8	01.00 - 04.01 05.01 - 05.05
	1J6	5	2.3	05.00 - 02.01



Eos	1F7	4	2.0	05.06 →
Golf II	19, 1G	4	1.8	07.90 - 11.92
Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94 10.94 - 12.97
		6	2.8	04.94 - 12.97
Golf III Cabriolet	1E7	4	2.0	02.95 - 07.95 07.95 - 04.98
Golf IV	1J1	4	1.6	10.97 - 05.04 01.98 - 05.04 09.00 - 05.04
			1.8	10.97 - 10.00 10.97 - 05.03
			2.0	08.98 - 05.04
		6	3.2	10.03 - 05.04
Golf IV Cabriolet	1E7	4	2.0	04.98 - 12.01
Golf Plus 1.9 TDI	5M1	4	1.9	05.06 →
Golf V	1K1	4	1.6	01.04 - 05.05
			1.9	10.03 - 02.06
			2.0	10.03 → 08.04 - 11.05 12.04 →
Golf V 1.4 TSI	1K1	4	1.4	11.05 →
Golf V 1.9 TDI	1K1	4	1.9	02.06 →
Golf V 2.0 FSI	1K1	4	2.0	11.05 →
Golf V 2.0 TDI	1K1	4	2.0	11.05 →
New Beetle	1C1, 9C1	4	1.6	06.00 - 06.05 06.02 →
			1.8	06.00 - 06.04 10.00 →
			1.9	07.05 →
			2.0	01.98 - 10.01 11.98 - 06.05
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05 01.03 - 11.06
New Beetle 2.0	1C1, 9C1	4	2.0	06.01 →
Passat	3B2	4	1.8	10.96 - 11.00 12.96 - 01.99 08.98 - 11.00 01.99 - 11.00 02.99 - 11.00
		5	2.3	10.96 - 11.00 06.97 - 11.00
		6	2.8	01.97 - 11.00 06.97 - 11.00
	3B3	4	1.8	10.00 - 05.05
		5	2.3	10.00 - 05.05
		6	2.8	10.00 - 05.05
		8	4.0	05.02 - 09.04
	3B5	4	1.8	01.99 - 11.00 02.99 - 11.00
		5	2.3	09.97 - 11.00
		6	2.8	06.97 - 11.00
	31, 35, 3A, 3A5, 3A2	4	2.0	07.95 - 03.97
		6	2.8	08.95 - 03.97
Polo		4	1.6	06.03 →
	6N2	4	1.4	01.99 - 09.01
	9N1	4	1.4	03.03 - 05.04
	9N2	4	1.4	07.03 →
	9N3	4	1.4	04.05 - 05.07 1.6 05.06 → 1.8 08.05 → 1.9 04.05 →
Polo 1.4 FSI	9N3	4	1.4	05.06 →
Vento	1H2	4	2.0	07.95 - 03.97

**DB1192UL****AUDI**

A3	8L1	4	1.6	09.96 - 06.01		
				05.00 - 04.02		
				05.02 - 06.03		
		1.8	09.96 - 06.01			
			12.96 - 06.03			
			08.98 - 05.00			
	8PA	4	1.6	09.04 - 05.05		
				06.05 →		
				1.8	11.06 - 05.07	
		2.0	09.04 - 01.05			
			11.05 - 11.06			
			05.03 - 05.05			
8P1	4	1.6	05.03 - 05.05			
			06.05 →			
			1.8	11.06 - 06.07		
	2.0	05.03 →				
		01.04 - 08.04				
		06.04 - 12.04				
A3 Quattro	8L1	4	1.8	08.97 - 08.00		
				08.98 - 06.99		
A4	8D2, B5	4	1.8	02.97 - 07.98		
				02.97 - 04.99		
				08.97 - 12.98		
		6	2.4	08.97 - 07.98		
				08.98 - 07.99		
				06.00 - 10.00		
	8EC, B7	4	1.8	02.97 - 07.98		
				2.6	02.97 - 07.98	
				2.8	02.97 - 12.98	
		8E2, B6	4	1.8	08.98 - 06.00	
					11.04 →	
					2.0	11.04 - 05.05
	8E5, B6		4	1.8	11.04 →	
					06.05 →	
					2.0	11.04 - 05.05
		8E7, B6	4	1.8	07.02 - 12.04	
					11.02 - 12.04	
					2.0	12.00 - 12.04
8E9, B6	6		2.4	09.01 - 12.04		
				3.0	12.00 - 12.04	
				04.01 - 12.04		
	A4 Avant	8D5, B5	4	1.8	04.02 - 12.05	
					6	04.02 - 12.05
					02.97 - 07.98	
8E5, B6		4	1.8	08.97 - 09.01		
				6	08.97 - 07.98	
				2.4	08.97 - 07.98	
	8ED, B7	4	1.8	08.98 - 06.00		
				06.00 - 09.01		
				2.6	02.97 - 07.98	
8E5, B6		4	1.8	2.8	02.97 - 07.98	
				11.04 →		
				2.0	11.04 →	
	A4 Quattro	8D2, B5	4	1.8	07.02 - 12.04	
					11.02 - 12.04	
					2.0	12.00 - 12.04
6		2.4	09.01 - 12.04			
			2.8	02.99 - 10.00		
			2.8	02.99 - 06.00		
8EC, B7	4	1.8	11.04 →			
			07.02 - 12.04			
			6	3.0	12.00 - 12.04	
	A4 Quattro Avant	8D5, B5	4	1.8	03.01 - 12.04	
					01.99 - 04.99	
					6	2.4
8E5, B6		4	1.8	01.99 - 09.01		
				6	2.4	01.99 - 09.01
				4	1.8	09.01 - 06.02

A6	4B2, C5	6	2.4	04.97 - 01.99			
				11.98 - 04.01			
				06.01 - 05.04			
			2.8	04.97 - 07.98			
				11.98 - 04.01			
				3.0	06.01 - 05.04		
A6 Avant	4BH, C5	6	2.5	05.00 - 05.03			
				4B5, C5	6	2.4	04.97 - 01.99
				11.98 - 06.00			
2.8	02.98 - 07.98						
A6 Quattro	4B2, C5	6	2.4	11.98 - 06.99			
				2.7	06.01 - 06.02		
				2.8	07.02 - 05.04		
	4B4, C5	8	4.2	04.97 - 12.98			
				3.0	01.99 - 05.01		
				06.01 - 05.04			
A6 Quattro Avant	4BH, C5	6	2.5	04.99 - 05.01			
				2.7	06.03 - 08.05		
				8	07.02 - 08.05		
	4B5, C5	6	2.4	05.00 - 06.02			
				7.02 - 08.05			
				8	07.02 - 08.05		
A8	4D2, D2	8	3.7	10.98 - 12.98			
				A8 Quattro	8	4.2	10.98 - 12.98
S3	8L1	4	1.8	10.98 - 02.01			
				08.98 - 08.00			
S4	8D2, B5	6	2.7	08.01 - 06.03			
				10.97 - 10.00			
S6	8D5, B5	6	2.7	10.97 - 09.01			
				09.99 - 05.01			
S8	4B4, C5	8	4.2	06.01 - 05.04			
				10.98 - 12.98			
TT	4D2	8	4.2	09.00 - 09.02			
				07.98 - 08.00			
TT Quattro	8N3	4	1.8	07.98 - 08.01			
				09.00 - 05.05			
TT Quattro Roadster	8N9	4	1.8	09.00 - 06.06			
				07.03 - 06.06			
		6	3.2	03.99 - 08.01			
				09.00 - 05.05			
		6	3.2	09.00 - 06.06			
				07.03 - 06.06			

CITROEN

C2	A6	4	1.6	09.03 →
				10.04 →
C3	A8	4	1.6	01.02 - 08.05
				A31
C4	B5	4	1.6	11.04 →
				2.0

PEUGEOT

307	T5	4	1.6	08.00 - 05.05	
				02.04 - 05.05	
				2.0	08.00 - 05.05
				03.02 - 05.05	
	T6	4	1.6	10.03 - 05.05	
				06.05 →	
				2.0	06.05 →
				405	4
01.93 - 04.97					
15	4	1.9	07.87 - 12.92		
04.88 - 12.92					
				07.88 - 12.92	

RENAULT

Clio	BR./CR.	4	1.4	06.05 →
Megane	BM./CM./GM./SM.	4	1.6	05.05 →
				2.0



◀ DB1192UL

Megane	EM.	4	1.6	10.03→
			2.0	10.03→
	LM.	4	2.0	07.03→
Megane II 1.9 DCI	LM.	4	1.9	05.05→
Scenic	JA	4	1.6	03.99 - 04.03
			2.0	06.99 - 04.03
				06.00→
				11.00 - 04.03
				02.01 - 04.03
	JM.	4	2.0	05.03→
Scenic II 1.9 DCI	JM.	4	1.9	05.05→
SEAT				
Cordoba	6K2	4	2.0	09.93 - 04.96
Ibiza	6K1	4	2.0	03.93 - 04.96
				06.96 - 10.99
Toledo	1L2	4	2.0	05.91 - 06.96
				03.94 - 03.99
				03.96 - 03.99
VW (VOLKSWAGEN)				
Bora	1J2	4	2.0	09.98 - 05.05
		5	2.3	09.98 - 02.01
				01.99 - 02.01
				09.00 - 05.05
		6	2.8	01.00 - 04.01
				05.01 - 05.05
	1J6	5	2.3	05.00 - 02.01
Eos	1F7	4	2.0	05.06→
Golf II	19, 1G	4	1.8	07.90 - 11.92
Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
		6	2.8	04.94 - 12.97
Golf III Cabriolet	1E7	4	2.0	02.95 - 07.95
				07.95 - 04.98
Golf IV	1J1	4	1.6	10.97 - 05.04
				01.98 - 05.04
				09.00 - 05.04
			1.8	10.97 - 10.00
				10.97 - 05.03
			2.0	08.98 - 05.04
		6	3.2	10.03 - 05.04
Golf IV Cabriolet	1E7	4	2.0	04.98 - 12.01
Golf Plus 1.9 TDI	5M1	4	1.9	05.06→
Golf V	1K1	4	1.6	01.04 - 05.05
			1.9	10.03 - 02.06
			2.0	10.03→
				08.04 - 11.05
				12.04→
Golf V 1.4 TSI	1K1	4	1.4	11.05→
Golf V 1.9 TDI	1K1	4	1.9	02.06→
Golf V 2.0 FSI	1K1	4	2.0	11.05→
Golf V 2.0 TDI	1K1	4	2.0	11.05→
New Beetle	1C1, 9C1	4	1.6	06.00 - 06.05
				06.02→
			1.8	06.00 - 06.04
				10.00→
			1.9	07.05→
			2.0	01.98 - 10.01
				11.98 - 06.05
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05
				01.03 - 11.06
New Beetle 2.0	1C1, 9C1	4	2.0	06.01→
Passat	3B2	4	1.8	10.96 - 11.00
				12.96 - 01.99
				08.98 - 11.00
				01.99 - 11.00
				02.99 - 11.00



Passat	3B2	5	2.3	10.96 - 11.00
				06.97 - 11.00
		6	2.8	01.97 - 11.00
				06.97 - 11.00
	3B3	4	1.8	10.00 - 05.05
		5	2.3	10.00 - 05.05
		6	2.8	10.00 - 05.05
		8	4.0	05.02 - 09.04
	3B5	4	1.8	01.99 - 11.00
				02.99 - 11.00
		5	2.3	09.97 - 11.00
		6	2.8	06.97 - 11.00
	31, 35, 3A,	4	2.0	07.95 - 03.97
	3A5, 3A2	6	2.8	08.95 - 03.97
Polo		4	1.6	06.03→
	6N2	4	1.4	01.99 - 09.01
	9N1	4	1.4	03.03 - 05.04
	9N2	4	1.4	07.03→
	9N3	4	1.4	04.05 - 05.07
			1.6	05.06→
			1.8	08.05→
			1.9	04.05→
Polo 1.4 FSI	9N3	4	1.4	05.06→
Vento	1H2	4	2.0	07.95 - 03.97

DB1198QS

VOLVO				
S90		6	2.9	01.97 - 05.98
V90		6	2.9	01.97 - 07.98
740		4	2.3	08.84 - 07.89
				08.84 - 07.91
				04.88 - 07.90
				08.89 - 07.91
				08.91 - 07.92
760		6	2.8	08.90 - 11.90
940		4	2.3	12.90 - 07.92
				12.90 - 08.93
				06.91 - 08.93
				09.93 - 12.93
				09.93 - 07.95
				05.95 - 12.96
960		6	2.8	09.90 - 07.91
			3.0	12.91 - 08.93
				09.93 - 02.97

DB1198UL

VOLVO				
S90		6	2.9	01.97 - 05.98
V90		6	2.9	01.97 - 07.98
740		4	2.3	08.84 - 07.89
				08.84 - 07.91
				04.88 - 07.90
				08.89 - 07.91
				08.91 - 07.92
760		6	2.8	08.90 - 11.90
940		4	2.3	12.90 - 07.92
				12.90 - 08.93
				06.91 - 08.93
				09.93 - 12.93
				09.93 - 07.95
				05.95 - 12.96
960		6	2.8	09.90 - 07.91
			3.0	12.91 - 08.93
				09.93 - 02.97

**DB1199QS****TOYOTA**

Land Cruiser	FJ80	6	4.0	01.90 - 08.92
	FZJ80	6	4.5	08.92 - 01.98
	HDJ80	6	4.2	01.90 - 01.95 01.95 - 01.98
	HZJ80	6	4.2	01.90 - 01.98

DB1200QS**TOYOTA**

Land Cruiser	FJ80	6	4.0	01.90 - 08.92	
	FZJ80	6	4.5	08.92 - 01.98	
	GRJ120	6	4.0	01.03 →	
	HDJ80	6	4.2	01.90 - 01.95 01.95 - 01.98	
	HZJ70	6	4.2	01.90 - 08.99	
	HZJ80	6	4.2	01.90 - 01.95	
	KZJ90/95	4	3.0	04.96 - 06.00 04.96 - 09.02 07.00 - 09.02	
	PZJ70	5	3.5	01.90 - 08.92	
	PZJ73	5	3.5	01.90 - 08.92	
	RJ70	4	2.4	01.90 - 12.90	
	Land Cruiser Prado		6	4.0	11.03 →
		KZJ95	6	3.0	03.00 →
		RZJ90/95	4	2.7	10.96 - 08.04
RZJ120W/RZJ125W		4	2.7	09.02 - 08.04	
VZJ90W/VZJ95W		6	3.4	07.00 - 09.02	
VZJ90/95		6	3.4	04.96 - 06.00 04.96 - 01.03 07.00 - 01.03	
VZJ95		6	3.4	04.96 - 01.03	
VZJ120W/VZJ121W/ VZJ125W		6	3.4	09.02 - 01.03	

DB1203QS**MITSUBISHI**

Magna / Verada	KE	6	3.5	10.96 - 05.97
	KF	6	3.5	06.97 - 03.99
	KH	6	3.5	04.99 - 07.00
	KJ	6	3.5	08.00 - 07.01
	KJ II	6	3.5	07.02 - 05.03 12.02 - 07.03
	KL	6	3.5	06.03 - 09.04 08.03 - 09.04
	KR	6	3.0	07.91 - 02.94
	KS	6	3.0	03.94 - 09.96
	KW	6	3.5	10.04 - 09.05
	TE	4	2.4	04.96 - 05.97
	TF	4	2.4	06.97 - 03.99
	TH	6	3.0	04.99 - 07.00 3.5 04.99 - 07.00
	TJ	6	3.0	08.00 - 06.02 3.5 08.00 - 06.02
	TJ II	6	3.5	07.02 - 06.03 12.02 - 01.04
	TL	6	3.5	06.03 - 09.04 02.04 - 09.04
	TR	4	2.6	04.91 - 02.94 10.91 - 02.94
		6	3.0	04.93 - 02.94

Magna / Verada	TS	4	2.6	03.94 - 12.96 03.94 - 02.97
		6	3.0	03.94 - 02.97
	TW	6	3.5	10.04 - 09.05

DB1204QS**DAEWOO**

Leganza	KLAV, V100	4	2.0	03.97 - 12.02
			2.2	09.98 - 12.02
Nubira	KALJ, J100	4	1.6	09.97 - 09.99
			2.0	09.97 - 09.99
	KALJ, 150, 190	4	2.0	10.99 - 06.03

MITSUBISHI

Magna / Verada	KE	6	3.5	10.96 - 05.97
	KF	6	3.5	06.97 - 03.99
	KH	6	3.5	04.99 - 07.00
	KJ	6	3.5	08.00 - 07.01
	KJ II	6	3.5	07.02 - 05.03 12.02 - 07.03
	KL	6	3.5	06.03 - 09.04 08.03 - 09.04
	KR	6	3.0	07.91 - 02.94
	KS	6	3.0	03.94 - 09.96
	KW	6	3.5	10.04 - 09.05
	TE	4	2.4	04.96 - 05.97
	TF	4	2.4	06.97 - 03.99
	TH	6	3.0	04.99 - 07.00 3.5 04.99 - 07.00
	TJ	6	3.0	08.00 - 06.02 3.5 08.00 - 06.02
	TJ II	6	3.5	07.02 - 06.03 12.02 - 01.04
	TL	6	3.5	06.03 - 09.04 02.04 - 09.04
	TR	4	2.6	04.91 - 02.94 10.91 - 02.94
		6	3.0	04.93 - 02.94
	TS	4	2.6	03.94 - 12.96 03.94 - 02.97
		6	3.0	03.94 - 02.97
	TW	6	3.5	10.04 - 09.05

DB1205QS**TOYOTA**

Hiace	LH103	4	2.8	08.89 - 08.00
	LH105	4	2.8	08.89 - 08.00
	LH162/172	4	3.0	08.01 - 02.05
	LH174/184	4	3.0	08.98 - 02.05
	RZH103	4	2.4	08.89 - 08.98 08.93 - 02.05
	RZH113	4	2.4	08.89 - 02.05

DB1206QS**HONDA**

Accord Aerodeck	CA/CB/CD	4	2.2	06.84 - 01.97
	CB/CC/CD/CE	4	2.2	10.93 - 09.97
CR-V		4	2.0	10.95 - 01.99 02.99 - 12.01
HR-V	GH	4	1.6	12.98 - 12.01
			2.0	12.98 - 12.05
Integra		4	1.8	08.93 - 10.99
Integra Type-R	DC	4	1.8	01.98 - 10.01



◀ DB1206QS

Legend	KA	6	3.2	03.91 - 04.96
			3.5	01.96 - 04.98
				04.98 - 12.04
NSX	NA	6	3.0	06.90 - 12.96
				06.90 - 06.00
Odyssey	RA	4	2.2	06.95 - 12.97
			2.3	01.98 - 02.00
Prelude	BB	4	2.2	12.91 - 12.96
				01.94 - 12.96
				01.97 →

DB1208QS

TOYOTA

Tarago	TCR10R	4	2.4	05.90 - 12.00
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DB1209QS

HOLDEN

Apollo	JM	6	3.0	04.93 - 07.95
	JP	6	3.0	08.95 - 05.97

LEXUS

ES300	VCV10	6	3.0	03.92 - 08.96
LS400	UCF20	8	4.0	10.94 - 08.00

TOYOTA

Camry / Vienta	VCV10R	6	3.0	07.95 - 06.97
	VDV10	6	3.0	04.94 - 06.95
	XV10	6	3.0	02.93 - 03.94

DB1211QS

NISSAN

NX	B13	4	2.0	08.90 - 10.93
Pulsar	N14	4	1.6	08.91 - 05.95
			2.0	08.91 - 05.95

DB1216QS

NISSAN

NX	B13	4	2.0	08.90 - 10.93
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DB1219QS

SUBARU

Impreza WRX	GC,GF	4	2.0	12.93 - 08.94
Liberty	BC,BF,BJ	4	2.0	05.92 - 12.93

DB1220QS

NISSAN

GT-R		6	2.6	01.91 - 12.93
300ZX	Z32	6	3.0	01.90 - 11.95
				01.90 - 03.96

SUBARU

Impreza WRX STi	GD,GG	4	2.0	10.01 - 05.05
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DB1223QS

MITSUBISHI

Challenger	PA	6	3.0	02.98 →
Galant	H	4	2.0	01.89 - 12.93
				01.90 - 12.93
Lancer	CS/CT	4	2.0	01.04 - 07.05
Lancer 2.0i Turbo Evo4	CK/CP/CN	4	2.0	08.96 - 06.97
Lancer 2.0i Turbo Evo5/Evo6	CK/CP/CN	4	2.0	01.98 - 09.00
Lancer 2.0i Turbo Evo7	CS/CT	4	2.0	12.00 - 12.03
Magna / Verada	TE	6	3.0	04.96 - 05.97
	TF	6	3.0	06.97 - 03.99
	TH	6	3.0	04.99 - 07.00
			3.5	04.99 - 07.00
Nimbus	UG	4	2.4	12.98 →
Outlander		4	2.4	09.03 →
Pajero	NH/NJ/NK	6	3.0	05.91 - 08.97
	NJ/NK/NL	6	3.5	11.93 - 02.00
	V	4	2.5	12.90 - 06.00
			2.8	11.93 - 04.00
				06.94 - 05.99

DB1224QS

BMW

316i Compact	E 36	4	1.6	03.94 - 09.00
				11.95 - 09.00
			1.9	12.98 - 09.00
316ti Compact	E 36	4	1.8	10.94 - 09.96
			1.9	12.95 - 09.00
318i	E 36	4	1.8	12.90 - 02.94
				03.92 - 10.96
				09.93 - 12.98
318iS	E 36	4	1.8	03.92 - 09.96
				03.93 - 12.96
				07.96 - 10.98
			1.9	03.95 - 12.98
				12.95 - 12.99
320i	E 36	6	2.0	09.90 - 12.95
				10.91 - 10.96
323i	E 36	6	2.5	10.94 - 12.98
				03.95 - 12.99
				10.96 - 10.98
323i Cabriolet	E 36	6	2.5	05.95 - 12.99
323ti	E 36	6	2.5	06.97 - 09.00
325i	E 36	6	2.5	09.90 - 12.95
				04.91 - 08.95
				03.92 - 12.95
				04.92 - 08.93
325i Cabriolet	E 36	6	2.5	03.93 - 12.95
328i	E 36	6	2.8	10.94 - 12.98
				03.95 - 12.99
328i Cabriolet	E 36	6	2.8	03.95 - 12.99

DB1225WUL

JAGUAR

XJ6		6	3.6	10.86 - 08.89
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**DB1228QS****DAEWOO**

Espero	KLEJ	4	2.0	09.93 - 10.94 01.95 - 10.99
Lanos	KLAT	4	1.6	04.97 - 09.03

HOLDEN

Astra	TR	4	1.6	09.96 - 09.98 1.8 09.96 - 09.98 2.0 09.96 - 09.98
Calibra	YE	4	2.0	09.91 - 07.95 09.91 - 10.97 08.95 - 10.97

DB1229QS**HOLDEN**

Astra	TR	4	1.6	09.96 - 09.98 1.8 09.96 - 09.98 2.0 09.96 - 09.98
Calibra	YE	4	2.0	09.91 - 07.95 09.91 - 10.97 08.95 - 10.97
		6	2.5	08.95 - 10.97

SAAB (SAAB AUTOMOBILE AB)

900		4	2.0	09.93 - 08.96 03.94 - 08.96 09.94 - 08.96
		6	2.5	09.93 - 08.96

DB1229UL**HOLDEN**

Astra	TR	4	1.6	09.96 - 09.98 1.8 09.96 - 09.98 2.0 09.96 - 09.98
Calibra	YE	4	2.0	09.91 - 07.95 09.91 - 10.97 08.95 - 10.97
		6	2.5	08.95 - 10.97

SAAB (SAAB AUTOMOBILE AB)

900		4	2.0	09.93 - 08.96 03.94 - 08.96 09.94 - 08.96
		6	2.5	09.93 - 08.96

DB1230QS**HONDA**

Jazz		4	1.5	09.02 - 10.07
	GD	4	1.3	03.02 →
Legend	KA	6	3.5	01.96 - 04.98 01.98 - 04.98 04.98 - 12.04
	KA/HS	6	2.7	10.87 - 02.91
Odyssey	RA	4	2.2	06.95 - 12.97
		6	2.3	01.98 - 02.00
		6	2.3	03.00 →
		6	3.0	03.00 →
S2000		4	2.0	04.99 →

DB1231QS**MITSUBISHI**

Nimbus	UG	4	2.4	12.98 →
Pajero	NH/NJ/NK	6	3.0	05.91 - 08.97
	NJ/NK/NL	6	3.5	11.93 - 02.00
	NM	6	3.5	01.00 →
	V	4	2.5	12.90 - 06.00
			2.8	11.93 - 04.00

DB1232QS**NISSAN**

Bluebird	U13	4	2.4	07.93 - 09.97
Cefiro	A32	6	3.0	01.98 - 06.01
Maxima	CA33	6	3.0	01.00 →
	J30	6	3.0	02.90 - 06.94
350Z	Z33	6	3.5	07.03 →
350Z Cabriolet	Z33	6	3.5	11.04 →

DB1236QS**MITSUBISHI**

Lancer	CB	4	1.5	10.90 - 09.92
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DB1238QS**MITSUBISHI**

Magna / Verada	TE	6	3.0	04.96 - 05.97
	TF	6	3.0	06.97 - 03.99
	TH	6	3.0	04.99 - 07.00
			3.5	04.99 - 07.00

DB1239QS**MITSUBISHI**

Galant	E5/E6/E7/E8	4	2.0	11.92 - 05.96
		6	2.0	11.92 - 05.96
Magna / Verada	TE	6	3.0	04.96 - 05.97
	TF	6	3.0	06.97 - 03.99
	TH	6	3.0	04.99 - 07.00
			3.5	04.99 - 07.00
Pajero iO	H	4	1.8	06.98 - 08.01
			2.0	07.00 →
3000 GT		6	3.0	10.92 - 09.97

DB1241QS**CHRYSLER**

Crossfire	ZH	6	3.2	03.04 →
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MERCEDES-BENZ

CLK55 AMG	W208	8	5.4	05.99 - 04.02
	W209	8	5.4	09.02 → 02.03 →
CLK200 Kompressor	W208	4	2.0	06.00 - 01.03
CLK230 Kompressor	W208	4	2.3	06.98 - 05.00
CLK320	W208	6	3.2	06.98 - 01.03
CLK430	W208	8	4.3	08.98 - 04.02 09.98 - 01.03
CLK500	W209	8	5.0	05.02 - 07.06 02.03 - 07.06



◀DB1241QS

C36 AMG	W202	6	3.6	01.94 -05.97
E55 AMG	W210	8	5.5	09.97 -03.03
E230 T-Model	W210	4	2.3	05.96 -08.97
E240	W210	6	2.4	09.97 -06.99
E240 T-Model	W210	6	2.4	09.97 -06.99
			2.6	06.99 -01.03
E280	W210	6	2.8	06.95 -01.03
E280 T-Model	W124	6	2.8	07.93 -05.96
E320	W210	6	3.2	06.95 -02.97
				03.97 -06.99
E430	W210	8	4.3	09.97 -06.99
				07.99 -03.02
SL280	W129	6	2.8	07.93 -05.98
				06.98 -08.01
SL320	W129	6	3.2	06.98 -08.01
SL500	W129	8	5.0	07.93 -09.95
				09.95 -05.98
				06.98 -08.01
SL600	W129	12	6.0	07.93 -09.95
				09.95 -05.98
				06.98 -08.01
S280	W140	6	2.8	06.93 -09.98
S320	W140	6	3.2	06.93 -09.99
300SE	W140	6	3.2	03.91 -05.93
600SL	W129	12	6.0	07.92 -06.93

DB1241UL

CHRYSLER

Crossfire	ZH	6	3.2	03.04→
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MERCEDES-BENZ

CLK 500 Cabrio	W209	8	5.0	08.06→
CLK 500 Coupe	W209	8	5.0	08.06→
CLK55 AMG	W208	8	5.4	05.99 -04.02
	W209	8	5.4	09.02→
				02.03→
CLK200	W208	4	2.0	06.00 -01.03
Kompressor				
CLK230	W208	4	2.3	06.98 -05.00
Kompressor				
CLK320	W208	6	3.2	06.98 -01.03
CLK430	W208	8	4.3	08.98 -04.02
				09.98 -01.03
CLK500	W209	8	5.0	05.02 -07.06
				02.03 -07.06
C32 AMG	W203	6	3.2	01.01 -01.04
Kompressor				
C36 AMG	W202	6	3.6	01.94 -05.97
C43 AMG	W202	8	4.3	11.97 -04.00
C55 AMG	W203	8	5.4	02.04→
E55 AMG	W210	8	5.5	09.97 -03.03
E230 T-Model	W210	4	2.3	05.96 -08.97
E240	W210	6	2.4	09.97 -06.99
E240 T-Model	W210	6	2.4	09.97 -06.99
			2.6	06.99 -01.03
E280	W210	6	2.8	06.95 -01.03
E280 T-Model	W124	6	2.8	07.93 -05.96
E320	W210	6	3.2	06.95 -02.97
				03.97 -06.99
E430	W210	8	4.3	09.97 -06.99
				07.99 -03.02
SLK32 AMG	W170	6	3.2	06.99 -03.04
SL280	W129	6	2.8	07.93 -05.98
				06.98 -08.01
SL320	W129	6	3.2	06.98 -08.01
SL500	W129	8	5.0	07.93 -09.95
				09.95 -05.98
				06.98 -08.01



SL600	W129	12	6.0	07.93 -09.95
				09.95 -05.98
				06.98 -08.01
S280	W140	6	2.8	06.93 -09.98
S320	W140	6	3.2	06.93 -09.99
S420	W140	8	4.2	06.93 -09.98
S500	W220	8	5.0	06.00 -08.05
S600	W140	12	6.0	06.93 -09.95
				06.93 -05.96
300SE	W140	6	3.2	03.91 -05.93
400SE	W140	8	4.2	02.91 -05.93
				06.93 -09.95
500SE	W140	8	5.0	02.91 -05.93
500SEC	W140	8	5.0	10.92 -05.93
500SEL	W140	8	5.0	02.91 -05.93
600SEL	W140	12	6.0	04.91 -05.93
600SL	W129	12	6.0	07.92 -06.93

DB1242QS

JAGUAR

XJ6		6	3.2	10.90 -09.94
			4.0	09.89 -09.94
				10.94 -12.98
XJ8		8	3.2	09.97 -01.03
 XK8	QDV	8	4.0	03.96 -09.02
			4.2	03.03→

DB1244QS

TOYOTA

Cressida	MX83	6	3.0	08.88 -02.93
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DB1245QS

BMW

Z3	E 36/7	4	1.9	09.95 -12.99
		6	2.0	04.99 -12.00
			2.2	09.00 -12.02
			2.8	11.96 -09.00
			3.0	05.00 -12.02
316i Compact	E 36	4	1.6	03.94 -09.00
				11.95 -09.00
			1.9	12.98 -09.00
316ti Compact	E 36	4	1.9	12.95 -09.00
323ti	E 36	6	2.5	06.97 -09.00

DB1245UL

BMW

Z3	E 36/7	4	1.9	09.95 -12.99
		6	2.0	04.99 -12.00
			2.2	09.00 -12.02
			2.8	11.96 -09.00
			3.0	05.00 -12.02
316i Compact	E 36	4	1.6	03.94 -09.00
				11.95 -09.00
			1.9	12.98 -09.00
316ti Compact	E 36	4	1.9	12.95 -09.00
323ti	E 36	6	2.5	06.97 -09.00

**DB1247QS****NISSAN**

Bluebird	U13	4	2.4	07.93 - 09.97
Cefiro	A32	6	3.0	01.98 - 06.01
Maxima	A32	6	3.0	10.94 - 08.95 02.95 - 09.99 09.95 - 01.00
	CA33	6	3.0	01.00→
Pulsar	N15	4	1.6	08.95 - 06.00 2.0 08.95 - 06.00
200SX	S14	4	2.0	04.94 - 12.99

DB1249QS**MITSUBISHI**

Galant	E5/E6/E7/E8	4	2.0	11.92 - 05.96 6 2.0 11.92 - 05.96
Lancer	CA/CB/CD	4	1.8	05.92 - 12.96
	CB	4	1.6	10.90 - 09.92
	CK/CP/CN	4	1.8	05.96 - 05.01
	C6/C7	4	1.6	06.92 - 07.95
Nimbus	UF	4	2.4	01.92 - 11.98

PROTON

Persona	C90 CC1	4	1.6	12.95→
Wira	C90	4	1.6	05.95 - 12.96

DB1252QS**HYUNDAI**

Accent		4	1.6	10.01→
	LC	4	1.5	05.00 - 02.03 1.6 03.03 - 03.06
Coupe	RD	4	1.8	07.97 - 09.01 2.0 05.96 - 09.01
Excel	X2	4	1.5	02.90 - 07.94
	X3	4	1.5	07.94 - 07.99 11.95 - 07.99
Getz	TB	3	1.5	05.03 - 08.05
		4	1.3	03.03 - 09.05 1.4 09.05→ 1.6 10.05→
Lantra	J2	4	1.8	05.95 - 09.00 2.0 08.96 - 09.00
Scoupe		4	1.5	02.90 - 12.90 07.92 - 04.95
Tiburon	RD	4	1.5	04.96→ 2.0 05.96→

DB1253UL**AUDI**

V8 Quattro	44, 4C, D11	8	3.6	09.90 - 12.92
80	8C2, B4	6	2.8	09.91 - 05.95
80 Quattro	8C2, B4	4	2.0	09.91 - 12.94
		5	2.2	02.93 - 05.95 2.3 09.91 - 11.94
		6	2.6	07.92 - 05.95 2.8 09.91 - 05.95
90	89, 8A2, B3	5	2.3	08.88 - 12.91
90 Quattro	89, 8A2, B3	5	2.3	07.88 - 09.91
100	44, 44Q, C3	5	2.2	08.84 - 12.88 09.84 - 12.90 2.3 10.86 - 12.90

100 Quattro	44, 44Q, C3	5	2.2	01.86 - 11.90
200	44, C3	5	2.2	01.86 - 09.86 01.86 - 12.91

DB1254QS**FORD**

Probe		6	2.5	04.94 - 07.97
Telstar	AX	4	2.0	01.92 - 08.94 12.92 - 08.94
		6	2.5	01.92 - 08.94
	AY	4	2.0	09.94 - 11.96
		6	2.5	09.94 - 11.96

MAZDA

Eunos 500	CA	6	2.0	04.94 - 09.96
MX-6	GE	6	2.5	07.94 - 06.97
626	GE	4	2.0	01.92 - 05.94 06.94 - 06.97
		6	2.5	09.91 - 05.94 04.92 - 05.94 11.92 - 05.94
				06.94 - 06.97
	GF	4	2.0	05.97 - 10.99 06.97 - 10.99

DB1255QS**FORD**

Probe		6	2.5	04.94 - 07.97
Telstar	AX	4	2.0	01.92 - 08.94 12.92 - 08.94
		6	2.5	01.92 - 08.94
	AY	4	2.0	09.94 - 11.96
		6	2.5	09.94 - 11.96

MAZDA

Eunos 500	CA	6	2.0	04.94 - 09.96
MX-6	GE	6	2.5	07.94 - 06.97
323	BJ	4	1.8	05.98 - 10.00 07.99 - 09.03
626	GE	4	2.0	01.92 - 05.94 06.94 - 06.97
		6	2.5	09.91 - 05.94 04.92 - 05.94 11.92 - 05.94
				06.94 - 06.97
	GF	4	2.0	05.97 - 10.99 06.97 - 10.99 11.99→

DB1256UL**MERCEDES-BENZ**

180E	W201	4	1.8	09.91 - 04.94
190D	W201	5	2.5	04.85 - 08.93
190E	W201	4	1.8	03.90 - 08.93
			2.0	10.82 - 09.88 09.85 - 08.86
				09.86 - 09.93
			2.3	09.86 - 08.93
				09.89 - 08.92
		6	2.6	09.86 - 08.89

**DB1258UL****PEUGEOT**

306	N3	4	2.0	08.93 - 04.97
405	4	4	1.9	06.92 - 04.97
			2.0	06.92 - 04.97
				01.93 - 04.97
	15	4	1.9	07.87 - 12.92
				04.88 - 12.92
				07.88 - 12.92

DB1259QS**HONDA**

Civic	EG/EH	4	1.3	10.91 - 09.93
			1.5	11.91 - 09.93
				02.93 - 09.93
				10.93 - 09.95

DB1261QS**VOLVO**

C70		5	2.3	09.97 - 07.98
				09.97 - 07.02
				08.98 - 07.02
				08.02 - 03.06
			2.4	03.99 - 07.00
				08.99 - 07.02
S70		5	2.3	01.97 - 07.98
				01.97 - 07.00
				08.98 - 07.00
			2.4	08.99 - 07.00
			2.5	01.97 - 07.98
				01.97 - 07.99
				08.98 - 07.99
V70		5	2.3	01.97 - 07.98
				01.97 - 03.00
				08.98 - 03.00
			2.4	01.97 - 07.98
				01.97 - 03.00
				08.98 - 03.00
850		5	2.3	09.93 - 07.96
				08.95 - 07.97
			2.5	09.91 - 07.97
				09.92 - 07.97
				09.95 - 07.97
				09.96 - 07.97

DB1262QS**HONDA**

Civic	EG/EH	4	1.5	10.93 - 09.95
			1.6	06.92 - 06.98
				10.93 - 09.95
	EJ	4	1.6	05.96 - 04.99
	EJ/EK	4	1.6	10.95 - 09.98
				10.95 - 10.98
				10.95 - 03.99
Jazz		4	1.5	09.02 - 10.07
	GD	4	1.3	03.02 →

DB1265QS**HONDA**

Accord	CA/CB/CD	4	2.2	11.89 - 09.93
				11.90 - 09.93
				01.93 - 01.02
				10.93 - 12.97
Accord Aerodeck	CA/CB/CD	4	2.2	06.84 - 01.97
	CB/CC/CD/CE	4	2.2	10.93 - 09.97
Integra		4	1.8	08.93 - 10.99
NSX	NA	6	3.0	06.90 - 12.96
				06.90 - 06.00
			3.2	01.97 - 09.05
NSX-T	NA	6	3.2	01.97 - 09.05
Prelude	BB	4	2.2	12.91 - 12.96
				01.94 - 12.96
				01.97 →
			2.3	03.95 - 12.96
S2000		4	2.0	04.99 →

DB1267QS**HOLDEN**

Apollo	JM	4	2.2	04.93 - 07.95
	JP	4	2.2	08.95 - 05.97
Nova	LG	4	1.6	09.94 - 09.96
			1.8	09.94 - 09.96

TOYOTA

Camry / Vienta	SDV10	4	2.2	04.94 - 06.95
	SXV10R	4	2.2	07.95 - 04.98
	XV10	4	2.2	02.93 - 03.94
Celica	ST204	4	2.2	11.93 - 08.99
Corolla	AE101	4	1.6	07.94 - 08.98
				09.94 - 04.97
	AE102	4	1.8	07.94 - 12.99
				09.94 - 08.97
	AE112R	4	1.8	10.99 - 10.01
Sprinter	AE102	4	1.8	11.92 - 05.95

DB1270QS**HOLDEN**

Jackaroo	L8	4	3.1	01.98 - 09.99
		6	3.5	01.98 - 01.04
	UBS	4	3.1	05.92 - 06.95
		6	3.2	05.92 - 06.95
	UBS II	4	3.1	07.95 - 12.97
		6	3.2	07.95 - 12.97
	U8	4	3.1	10.99 →
Rodeo		4	3.0	03.03 →
	TF	4	2.8	01.97 - 06.01
				07.01 - 03.03
			3.0	12.01 - 02.03

DB1271QS**DAIHATSU**

Charade	G2	4	1.5	01.97 - 04.00
	G200	4	1.3	01.93 - 09.00
	G202	3	1.0	05.93 - 12.95
	G203	4	1.5	06.94 - 09.00
				08.94 - 06.00
Pyzar		4	1.6	08.98 - 12.00

**DB1273QS****HOLDEN**

Vectra	JR	4	2.0	06.97 - 07.98
		6	2.5	06.97 - 07.98
	JS	4	2.0	08.98 - 06.99
			2.2	08.98 - 06.99
		6	2.5	08.98 - 06.99
	JS II	4	2.0	07.99 - 09.02
			2.2	07.99 - 09.02
		6	2.5	07.99 - 08.00

SAAB (SAAB AUTOMOBILE AB)

9-3	9400	4	2.0	03.98 - 08.00
				09.98 - 08.00
				09.99 - 08.02
				2.3
				09.99 - 08.00
900		4	2.0	09.96 - 08.98
				6

DB1275QS**DAEWOO**

Lanos	KLAT	4	1.5	11.96 - 09.03
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HOLDEN

Astra	TR	4	1.6	09.96 - 09.98
Barina	SB	4	1.2	04.94 - 07.97
			1.4	04.94 - 07.97
				08.97 - 03.01
			1.6	04.94 - 11.95
				12.95 - 09.98
Combo	SB	4	1.4	02.96 - 06.97
				08.97 - 12.02

DB1275UL**DAEWOO**

Lanos	KLAT	4	1.5	11.96 - 09.03
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HOLDEN

Astra	TR	4	1.6	09.96 - 09.98
Barina	SB	4	1.2	04.94 - 07.97
			1.4	04.94 - 07.97
				08.97 - 03.01
			1.6	04.94 - 11.95
				12.95 - 09.98
Combo	SB	4	1.4	02.96 - 06.97
				08.97 - 12.02

DB1277QS**DAIHATSU**

Terios	J100	4	1.3	03.97 - 05.00
	J102	4	1.3	05.00 - 08.02

MITSUBISHI

Lancer	CA/CB/CD	4	1.5	07.93 - 12.97
			1.6	12.93 - 12.96
	CC	4	1.5	10.92 - 06.96
	CK/CP/CN	4	1.5	11.95 - 09.00
			1.6	11.95 - 09.00
C6/C7	4	1.5	06.92 - 07.95	
		1.6	06.92 - 07.95	
Mirage		4	1.5	01.93 →

PROTON

Persona	C90 CC0	4	1.5	11.94 - 12.97
			1.3	12.95 →
			1.5	12.95 →
Satria	C90	4	1.3	03.96 →
			1.5	03.96 →
			1.6	03.96 →
			1.8	11.98 →

DB1280QS**HOLDEN**

Jackaroo	UBS	4	3.1	05.92 - 06.95		
			6	3.2	05.92 - 06.95	
			UBS II	4	3.1	07.95 - 12.97
				6	3.2	07.95 - 12.97
Rodeo	TF	4	3.0	03.03 →		
			2.8	01.97 - 06.01		
			3.0	07.01 - 03.03		
				12.01 - 02.03		

DB1281QS**NISSAN**

NX	B13	4	2.0	08.90 - 10.93
Pulsar	N15	4	1.6	08.95 - 06.00
			2.0	08.95 - 06.00

DB1284UL**MERCEDES-BENZ**

S280	W140	6	2.8	06.93 - 09.98
S320	W140	6	3.2	06.93 - 09.99
S420	W140	8	4.2	06.93 - 09.98
S600	W140	12	6.0	06.93 - 09.95
				06.93 - 05.96
300SE	W140	6	3.2	03.91 - 05.93
400SE	W140	8	4.2	02.91 - 05.93
				06.93 - 09.95
500SE	W140	8	5.0	02.91 - 05.93
500SEC	W140	8	5.0	10.92 - 05.93
500SEL	W140	8	5.0	02.91 - 05.93
600SEL	W140	12	6.0	04.91 - 05.93

DB1285QS**LAND ROVER GROUP**

Discovery		4	2.5	09.89 - 09.94	
				10.93 - 12.98	
			8	3.5	09.89 - 12.98
				3.9	10.93 - 12.98
Range Rover		4	2.4	04.86 - 12.90	
			8	3.5	06.70 - 06.86
					01.87 - 09.90
				3.9	11.88 - 08.94

DB1285UL**LAND ROVER GROUP**

Discovery		4	2.5	09.89 - 09.94	
				10.93 - 12.98	
			8	3.5	09.89 - 12.98
				3.9	10.93 - 12.98



◀ DB1285UL

Range Rover	4	2.4	04.86 - 12.90
	8	3.5	06.70 - 09.85
			01.87 - 09.90
		3.9	11.88 - 08.94

DB1286QS

HONDA

Civic	EJ	4	1.6	01.94 - 04.00
				05.96 - 04.99
	EJ/EK	4	1.6	10.95 - 09.98
				10.95 - 10.98
				10.95 - 12.99
		10.95 - 09.00	10.95 - 02.01	

DB1288UL

VOLVO

440	4	2.0	10.93 - 12.96
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DB1290UL

VW (VOLKSWAGEN)

Caravelle	70	4	2.0	09.90 - 04.99
		5	2.5	11.90 - 12.93
			07.94 - 10.96	01.95 - 04.99
			08.96 - 04.99	
	Transporter	7D	5	2.4
			2.5	11.92 - 12.93
			03.98 - 04.99	
70		4	2.0	09.90 - 04.99
		5	2.4	09.90 - 05.98
			2.5	11.90 - 12.93
			01.94 - 10.96	01.95 - 04.99
			08.96 - 04.99	

DB1291QS

FORD

Laser	KJ	4	1.6	10.94 - 11.96
			1.8	10.94 - 11.96
	KJ II	4	1.6	12.96 - 12.97
			1.8	12.96 - 12.97
	KJ III	4	1.6	12.97 - 03.99
			1.8	12.97 - 03.99

MAZDA

323	BA	4	1.6	08.95 - 09.96
			1.8	05.94 - 09.95
				08.95 - 09.96
			10.96 - 06.98	
	6	2.0	05.94 - 09.95	
			10.96 - 07.98	

DB1295UL

MERCEDES-BENZ

C180	W202	4	1.8	03.93 - 08.95
				09.95 - 04.00
C180 T-Model	W202	4	1.8	05.96 - 02.01
C200	W202	4	2.0	01.94 - 04.00
C200 T-Model	W202	4	2.0	05.96 - 02.01



C220	W202	4	2.2	03.93 - 09.96
C230	W202	4	2.3	09.96 - 05.97
C230 T-Model	W202	4	2.3	05.96 - 05.97
C250	W202	5	2.5	05.93 - 08.95

DB1296UL

MERCEDES-BENZ

C280	W202	6	2.8	05.93 - 05.97
E280	W124	6	2.8	07.93 - 06.95
230E	W124	4	2.3	12.84 - 06.93
260E	W124	6	2.6	09.85 - 10.92
300CE	W124	6	3.0	03.87 - 06.93
300E	W124	6	2.8	09.89 - 06.93
			3.0	01.85 - 08.93

DB1297QS

MITSUBISHI

Express	WA	4	2.4	09.94 →
Triton	MK	4	2.4	10.96 - 12.03
			2.8	10.96 - 12.02
			10.96 →	
			01.03 →	
		6	3.0	10.96 →
			01.04 →	

DB1299QS

FORD

Cougar		6	2.5	08.98 - 07.99
				08.99 - 12.00
Mondeo	93	4	2.0	03.95 - 07.96
	97	4	2.0	08.96 - 09.00
	6	2.5	08.96 - 09.00	
				09.96 - 09.00

DB1299UL

FORD

Cougar		6	2.5	08.98 - 07.99
				08.99 - 12.00
Mondeo	93	4	2.0	03.95 - 07.96
	97	4	2.0	08.96 - 09.00
	6	2.5	08.96 - 09.00	
				09.96 - 09.00

DB1301UL

CITROEN

Xsara	N6	4	1.8	07.97 - 08.00
			2.0	07.97 - 08.00
	N7	4	1.6	09.00 →
			2.0	09.00 →

PEUGEOT

205		4	1.9	10.87 - 10.94
				10.87 - 09.98
206	T1	4	1.6	06.98 →
				03.00 →
			2.0	10.00 →
				03.03 →



206CC	T1	4	1.6	09.00→
			2.0	09.00→
306	N3	4	1.8	01.93 - 04.97
			1.9	05.93 - 04.97
			2.0	08.93 - 04.97
	N5	4	1.8	05.97 - 03.02
			2.0	05.97 - 10.03
				05.97 - 10.03
				06.99 - 10.03
306CC	N3	4	1.8	01.93 - 04.97
	N5	4	1.8	05.97 - 10.03
			2.0	05.97 - 10.03

RENAULT

Clio	BB./CB./SB.	4	1.4	10.99 - 10.07
				05.00 - 10.07
				08.00 - 10.07
			1.6	06.01 - 10.07
			2.0	03.99 - 10.07
				06.01 - 10.07
				03.03 - 10.07
Megane	X64	4	1.6	05.00 - 09.03
				01.01 - 09.03

DB1302QS**NISSAN**

Pulsar	N15	4	1.6	10.95 - 10.99
200SX	S14	4	2.0	04.94 - 12.99

DB1304QS**SUZUKI**

Baleno		4	1.6	04.95 - 04.05
				08.96 - 08.06

DB1308QS**HYUNDAI**

Lantra	J2	4	1.8	08.95 - 02.01
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NISSAN

Maxima	A32	6	3.0	10.94 - 08.97
				02.95 - 09.99
				09.97 - 01.00
	CA33	6	3.0	01.00→

DB1310UL**AUDI**

Cabriolet	8G7, B4	4	2.0	01.93 - 09.98
		6	2.6	01.94 - 08.00
80	8C2, B4	4	2.0	08.92 - 05.95
		5	2.3	08.92 - 11.94
		6	2.6	07.92 - 05.95
80 Quattro	8C2, B4	4	2.0	09.91 - 12.94
		5	2.3	08.92 - 11.94
		6	2.6	07.92 - 05.95

SEAT

Cordoba	6K2	4	1.6	12.95 - 11.02
				03.97 - 12.98
			1.8	07.94 - 12.02
			2.0	09.93 - 04.96



Ibiza	6K1	4	1.4	09.93 - 12.95
				12.95 - 12.97
			2.0	03.93 - 04.96
				06.96 - 10.99
Toledo	1L2	4	2.0	05.91 - 06.96
				03.94 - 03.99
				03.96 - 03.99

VW (VOLKSWAGEN)

Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
		6	2.8	04.94 - 12.97
Golf III Cabriolet	1E7	4	2.0	02.95 - 07.95
				07.95 - 04.96
Golf IV Cabriolet	1E7	4	2.0	04.98 - 12.01
Passat	31, 35, 3A, 3A5, 3A2	4	2.0	07.95 - 03.97
Vento	1H2	4	2.0	07.95 - 03.97

DB1311QS**JEEP**

Cherokee		6	4.0	01.94 - 12.98
	XJ	4	2.5	10.95 - 12.01
		6	4.0	01.95 - 04.01
Wrangler	TJ	6	4.0	01.97→

KIA

Carnival	UP	6	2.5	06.98 - 09.01
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DB1311UL**JEEP**

Cherokee		6	4.0	01.94 - 12.98
	XJ	4	2.5	10.95 - 12.01
		6	4.0	01.95 - 12.98
Wrangler	TJ	6	4.0	01.97 - 12.97
				01.97→
				01.01 - 12.01

KIA

Carnival	UP	6	2.5	06.98 - 09.01
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DB1312QS**SUZUKI**

Grand Vitara		4	1.6	03.98→
			2.0	03.98→
		6	2.5	04.98→
			2.7	06.01→
				10.02→
Vitara	ET	4	2.0	12.96 - 03.98
		6	2.0	12.94 - 03.98
			2.5	12.94 - 03.98

DB1313QS**FORD**

Cougar		6	2.5	08.98 - 12.00
Mondeo	93	4	2.0	03.95 - 07.96
	97	4	2.0	08.96 - 09.00
				08.98 - 09.00
		6	2.5	08.96 - 09.00



DB1313UL

FORD				
Cougar		6	2.5	08.98 - 12.00
Mondeo	93	4	2.0	03.95 - 07.96
	97	4	2.0	08.96 - 09.00
				08.98 - 09.00
		6	2.5	08.96 - 09.00

DB1318QS

FORD				
Taurus		6	3.0	09.96 - 12.01

DB1320UL

MERCEDES-BENZ				
C36 AMG	W202	6	3.6	01.94 - 05.97
E 500	W124	8	5.0	07.93 - 06.95
E36 AMG	W124	6	3.6	03.94 - 06.98
E280	W124	6	2.8	07.93 - 06.95
E280 T-Model	W124	6	2.8	07.93 - 05.96
E320	W124	6	3.2	05.93 - 06.98
				07.93 - 06.95
SL280	W129	6	2.8	07.93 - 05.98
				06.98 - 08.01
SL320	W129	6	3.2	06.98 - 08.01
SL500	W129	8	5.0	07.93 - 09.95
				09.95 - 05.98
300CE	W124	6	3.0	09.89 - 12.92
320CE	W124	6	3.2	09.92 - 06.93
320E	W124	6	3.2	09.92 - 06.93
500SL	W129	8	5.0	09.89 - 08.92

DB1322QS

FORD				
Courier	PD	4	2.6	03.96 - 11.99

MAZDA				
B2600	UF	4	2.6	03.96 - 05.99

DB1323QS

TOYOTA				
Land Cruiser Prado	RZJ90W/RZJ95W	4	2.7	04.96 - 09.02
	RZJ90/95	4	2.7	10.96 - 08.04
	RZJ120W/RZJ125W	4	2.7	09.02 - 08.04
	VZJ90W/VZJ95W	6	3.4	04.96 - 09.02
	VZJ95	6	3.4	04.96 - 01.03
	VZJ120W/VZJ121W/	6	3.4	09.02 - 01.03
	VZJ125W			

DB1325QS

AUDI				
Cabriolet	8G7, B4	4	2.0	01.93 - 09.98
		6	2.6	01.94 - 08.00
80	8C2, B4	4	2.0	09.91 - 05.95
		5	2.3	09.91 - 11.94
		6	2.6	07.92 - 05.95



80 Quattro	8C2, B4	4	2.0	09.91 - 12.94
		5	2.3	09.91 - 11.94
		6	2.6	07.92 - 05.95

SEAT

Cordoba	6K2	4	1.6	12.95 - 03.96
				03.97 - 12.98
			1.8	07.94 - 03.96
			2.0	09.93 - 04.96
Ibiza	6K1	4	1.4	09.93 - 12.95
				12.95 - 03.96
			2.0	03.93 - 04.96
Toledo	1L2	4	2.0	05.91 - 06.96
				03.94 - 03.99

VW (VOLKSWAGEN)

Golf II	19, 1G	4	1.8	07.90 - 11.92
Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
Golf III Cabriolet	1E7	4	2.8	04.94 - 12.97
			2.0	02.95 - 07.95
				05.96 - 04.98
Golf IV Cabriolet	1E7	4	2.0	04.98 - 12.01
Passat	31, 35, 3A, 3A5, 3A2	4	2.0	07.95 - 03.97
Vento	1H2	4	2.0	07.95 - 04.96

DB1325UL

AUDI

Cabriolet	8G7, B4	4	2.0	01.93 - 09.98
		6	2.6	01.94 - 08.00
80	8C2, B4	4	2.0	09.91 - 05.95
		5	2.3	09.91 - 11.94
		6	2.6	07.92 - 05.95
80 Quattro	8C2, B4	4	2.0	09.91 - 12.94
		5	2.3	09.91 - 11.94
		6	2.6	07.92 - 05.95

SEAT

Cordoba	6K2	4	1.6	12.95 - 03.96
				03.97 - 12.98
			1.8	07.94 - 03.96
			2.0	09.93 - 04.96
Ibiza	6K1	4	1.4	09.93 - 12.95
				12.95 - 03.96
			2.0	03.93 - 04.96
Toledo	1L2	4	2.0	05.91 - 06.96
				03.94 - 03.99

VW (VOLKSWAGEN)

Golf II	19, 1G	4	1.8	07.90 - 11.92
Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
Golf III Cabriolet	1E7	4	2.8	04.94 - 12.97
			2.0	02.95 - 07.95
				05.96 - 04.98
Golf IV Cabriolet	1E7	4	2.0	04.98 - 12.01
Passat	31, 35, 3A, 3A5, 3A2	4	2.0	07.95 - 03.97
Vento	1H2	4	2.0	07.95 - 04.96

**DB1326QS****FORD**

Courier	PC	4	2.6	03.96 - 05.99
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MAZDA

B2500	UF	4	2.5	03.96 - 05.99
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Eunos 800	TA	6	2.3	02.94 - 02.04
			2.5	09.93 - 06.96

06.96 →				
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Millenia 2.3i 24V	TA	6	2.3	08.00 →
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Kompressor 4WS				
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DB1327WUL**VW (VOLKSWAGEN)**

Golf III	1H1	4	1.8	10.95 - 12.97
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	2.0	04.94 - 09.94
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		10.94 - 12.97
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6	2.8	04.94 - 12.97
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DB1330QS**MERCEDES-BENZ**

CLK200	W208	4	2.0	06.97 - 06.00
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CLK230	W208	4	2.3	06.97 - 06.00
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Kompressor				06.00 - 04.02
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C240	W202	6	2.4	06.97 - 04.00
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C240 T-Model	W202	6	2.4	06.97 - 02.01
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C250	W202	5	2.5	09.95 - 04.00
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C280	W202	6	2.8	05.93 - 05.97
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		06.97 - 04.00
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E200 Kompressor	W210	4	2.0	09.00 - 03.02
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E230	W210	4	2.3	06.95 - 08.97
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E230 T-Model	W210	4	2.3	05.96 - 08.97
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E240	W210	6	2.4	09.97 - 06.99
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E240 T-Model	W210	6	2.4	09.97 - 06.99
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	2.6	06.99 - 01.03
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SLK200	W170	4	2.0	09.96 - 01.00
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SLK200	W170	4	2.0	09.96 - 01.00
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Kompressor				02.00 - 03.04
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SLK230	W170	4	2.3	09.96 - 01.00
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Kompressor				02.00 - 03.04
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DB1330UL**MERCEDES-BENZ**

CLK200	W208	4	2.0	06.97 - 06.00
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CLK230	W208	4	2.3	06.97 - 06.00
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Kompressor				06.00 - 04.02
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C240	W202	6	2.4	06.97 - 04.00
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C240 T-Model	W202	6	2.4	06.97 - 02.01
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C250	W202	5	2.5	09.95 - 04.00
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C280	W202	6	2.8	05.93 - 05.97
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		06.97 - 04.00
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E200 Kompressor	W210	4	2.0	09.00 - 03.02
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E230	W210	4	2.3	06.95 - 08.97
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E230 T-Model	W210	4	2.3	05.96 - 08.97
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E240	W210	6	2.4	09.97 - 06.99
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E240 T-Model	W210	6	2.4	09.97 - 06.99
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	2.6	06.99 - 01.03
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SLK200	W170	4	2.0	09.96 - 01.00
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SLK200	W170	4	2.0	09.96 - 01.00
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Kompressor				02.00 - 03.04
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SLK230	W170	4	2.3	09.96 - 01.00
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Kompressor				02.00 - 03.04
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DB1331QS**HOLDEN**

Adventra	VY II	8	5.7	08.03 - 08.04
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	VZ	6	3.6	04.05 - 08.06
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		8	5.7	09.04 - 08.06
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Caprice	WH	6	3.8	06.99 - 07.01
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		8	5.7	06.99 - 07.01
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WH II		6	3.8	08.01 - 04.03
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		8	5.7	08.01 - 04.03
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WK		6	3.8	05.03 - 08.04
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		8	5.7	05.03 - 08.04
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WL		6	3.6	09.04 - 08.06
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		8	5.7	09.04 - 12.05
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Commodore / Calais	VT	6	3.8	09.97 - 05.99
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		8	5.0	09.97 - 05.99
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VT II		6	3.8	06.99 - 08.00
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		8	5.7	06.99 - 08.00
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VX		6	3.8	10.00 - 07.01
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		8	5.7	10.00 - 07.01
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VX II		6	3.8	08.01 - 09.02
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		8	5.7	08.01 - 09.02
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VY		6	3.8	10.02 - 07.03
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		8	5.7	10.02 - 07.03
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VY II		6	3.8	08.03 - 08.04
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		8	5.7	08.03 - 08.04
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VZ		6	3.6	09.04 - 08.06
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		8	5.7	09.04 - 08.06
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		8	5.7	09.04 - 08.06
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Commodore Utility	VU	6	3.8	12.00 - 07.01
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		8	5.7	12.00 - 07.01
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VU II		6	3.8	08.01 - 09.02
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		8	5.7	08.01 - 09.02
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VY		6	3.8	10.02 - 07.03
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		8	5.7	10.02 - 07.03
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VY II		6	3.8	08.03 - 08.04
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		8	5.7	08.03 - 08.04
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VZ		6	3.6	09.04 →
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		8	5.7	09.04 →
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Crewman	VY II	6	3.8	08.03 - 08.04
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		8	5.7	08.03 - 08.04
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VZ		6	3.6	09.04 - 08.06
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		8	5.7	09.04 - 08.06
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Monaro	VZ	8	5.7	09.04 - 08.06
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	V2	6	3.8	12.01 - 12.02
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		8	5.7	12.01 - 12.02
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V2 II		6	3.8	01.03 - 07.03
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		8	5.7	01.03 - 07.03
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V2 III		8	5.7	08.03 - 08.06
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Statesman	WH	6	3.8	06.99 - 07.01
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		8	5.7	06.99 - 07.01
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WH II		6	3.8	08.01 - 04.03
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		8	5.7	08.01 - 04.03
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WK		6	3.8	05.03 - 08.04
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		8	5.7	08.03 - 08.04
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WL		6	3.6	09.04 - 08.06
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		8	5.7	09.04 - 12.05
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HSV (HOLDEN SPECIAL VEHICLES)

Avalanche Utility	VY II	8	5.7	03.04 - 09.04
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	VZ	8	5.7	10.04 - 12.05
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Avalanche Wagon	VY II	8	5.7	12.03 - 09.04
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	VZ	8	5.7	10.04 - 12.05
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Avalanche XUV	VZ	8	5.7	10.04 - 12.05
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Clubsport	VT	8	5.0	09.97 - 05.99
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	VT II	8	5.7	06.99 - 08.00
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	VX	8	5.7	09.00 - 08.02
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	VY	8	5.7	09.02 - 08.03
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	VY II	8	5.7	09.03 - 09.04
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	VZ	8	6.0	10.04 - 07.06
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◀ DB1331QS

Clubsport R8	VT II	8	5.7	06.99 - 08.00	
	VX	8	5.7	06.00 - 08.02	
	VY	8	5.7	09.02 - 08.03	
	VY II	8	5.7	09.03 - 09.04	
	VZ	8	6.0	10.04 - 07.06	
Coupe GTO	VZ	8	6.0	10.04 - 12.06	
	V2	8	5.7	09.00 - 01.03	
	V2 II	8	5.7	02.03 - 08.03	
	V2 III	8	5.7	09.03 - 09.04	
	V2	8	5.7	09.00 - 01.03	
Coupe GTS	V2 II	8	5.7	02.03 - 02.04	
	V2 III	8	5.7	03.04 - 12.04	
	VZ	8	5.7	10.04 - 12.05	
Coupe4	V2 III	8	5.7	06.04 - 09.04	
	WH	8	5.7	06.99 - 09.00	
Grange				10.00 - 08.01	
	WH II	8	5.7	09.01 - 08.03	
	WK	8	5.7	09.03 - 09.04	
	WL	8	6.0	10.04 - 12.06	
	GTS	VT II	8	5.7	06.99 - 08.00
		VX	8	5.7	09.00 - 08.02
		VY	8	5.7	09.02 - 09.04
Maloo	VG	8	5.0	08.88 - 10.91	
	VU	8	5.7	03.01 - 08.01	
	VU II	8	5.7	09.01 - 09.02	
	VY	8	5.7	10.02 - 08.03	
	VY II	8	5.7	09.03 - 09.04	
	VZ	8	6.0	10.04 →	
Maloo R8	VU	8	5.7	03.01 - 08.01	
	VU II	8	5.7	09.01 - 09.02	
	VY	8	5.7	10.02 - 08.03	
	VY II	8	5.7	09.03 - 09.04	
	VZ	8	6.0	10.04 →	
	Senator	VT	8	5.0	09.97 - 05.99
				5.7 09.97 - 05.99	
VT II		8	5.7	06.99 - 08.00	
VX		8	5.7	09.00 - 08.02	
VY		8	5.7	09.02 - 06.03	
				10.02 - 08.03	
VY II		8	5.7	09.03 - 09.04	
VZ		8	6.0	10.04 - 07.06	
SV6000		VZ	6	6.0	10.04 - 07.06
XU6		VT	6	3.8	09.97 - 08.00
	VX	6	3.8	09.00 - 08.02	
	VY	6	3.8	09.02 - 06.03	

DB1332QS

HOLDEN

Adventra	VY II	8	5.7	08.03 - 08.04
	VZ	6	3.6	04.05 - 08.06
		8	5.7	09.04 - 08.06
Caprice	WH	6	3.8	06.99 - 07.01
		8	5.7	06.99 - 07.01
	WH II	6	3.8	08.01 - 04.03
		8	5.7	08.01 - 04.03
	WK	6	3.8	05.03 - 08.04
		8	5.7	05.03 - 08.04
	WL	6	3.6	09.04 - 08.06
	8	5.7	09.04 - 12.05	
Commodore / Calais	VT	6	3.8	09.97 - 05.99
		8	5.0	09.97 - 05.99
	VT II	6	3.8	06.99 - 08.00
		8	5.7	06.99 - 08.00
	VX	6	3.8	10.00 - 07.01
		8	5.7	10.00 - 07.01
	VX II	6	3.8	08.01 - 09.02
		8	5.7	08.01 - 09.02
	VY	6	3.8	10.02 - 07.03
		8	5.7	10.02 - 07.03



Commodore / Calais	VY II	6	3.8	08.03 - 08.04
		8	5.7	08.03 - 08.04
	VZ	6	3.6	09.04 - 08.06
				09.04 →
		8	5.7	09.04 - 08.06
Commodore Utility	VU	6	3.8	12.00 - 07.01
		8	5.7	12.00 - 07.01
	VU II	6	3.8	08.01 - 09.02
		8	5.7	08.01 - 09.02
	VY	6	3.8	10.02 - 07.03
		8	5.7	10.02 - 07.03
	VY II	6	3.8	08.03 - 08.04
	8	5.7	08.03 - 08.04	
VZ	6	3.6	09.04 →	
	8	5.7	09.04 →	
Crewman	VY II	6	3.8	08.03 - 08.04
		8	5.7	08.03 - 08.04
	VZ	6	3.6	09.04 - 08.06
	8	5.7	09.04 - 08.06	
Monaro	VZ	8	5.7	09.04 - 08.06
	V2	6	3.8	12.01 - 12.02
		8	5.7	12.01 - 12.02
	V2 II	6	3.8	01.03 - 07.03
		8	5.7	01.03 - 07.03
	V2 III	8	5.7	08.03 - 08.06
Statesman	WH	6	3.8	06.99 - 07.01
		8	5.7	06.99 - 07.01
	WH II	6	3.8	08.01 - 04.03
		8	5.7	08.01 - 04.03
	WK	6	3.8	05.03 - 08.04
		8	5.7	08.03 - 08.04
	WL	6	3.6	09.04 - 08.06
	8	5.7	09.04 - 12.05	

HSV (HOLDEN SPECIAL VEHICLES)

Avalanche Utility	VY II	8	5.7	03.04 - 09.04	
	VZ	8	5.7	10.04 - 12.05	
Avalanche Wagon	VY II	8	5.7	12.03 - 09.04	
	VZ	8	5.7	10.04 - 12.05	
Avalanche XUV	VZ	8	5.7	10.04 - 12.05	
Clubsport	VT	8	5.0	09.97 - 05.99	
	VT II	8	5.7	06.99 - 08.00	
	VX	8	5.7	09.00 - 08.02	
	VY	8	5.7	09.02 - 08.03	
	VY II	8	5.7	09.03 - 09.04	
	VZ	8	6.0	10.04 - 07.06	
	VT II	8	5.7	06.99 - 08.00	
	VX	8	5.7	06.00 - 08.02	
	VY	8	5.7	09.02 - 08.03	
	VY II	8	5.7	09.03 - 09.04	
VZ	8	6.0	10.04 - 07.06		
Clubsport R8	VT II	8	5.7	06.99 - 08.00	
	VX	8	5.7	06.00 - 08.02	
	VY	8	5.7	09.02 - 08.03	
Coupe GTO	VY II	8	5.7	09.03 - 09.04	
	VZ	8	6.0	10.04 - 07.06	
	VZ	8	6.0	10.04 - 12.06	
	V2	8	5.7	09.00 - 01.03	
	V2 II	8	5.7	02.03 - 08.03	
Coupe GTS	V2 III	8	5.7	09.03 - 09.04	
	V2	8	5.7	09.00 - 01.03	
	V2 II	8	5.7	02.03 - 02.04	
Coupe4	V2 III	8	5.7	03.04 - 12.04	
	VZ	8	5.7	10.04 - 12.05	
	V2 III	8	5.7	06.04 - 09.04	
Grange	WH	8	5.7	06.99 - 09.00	
				10.00 - 08.01	
	WH II	8	5.7	09.01 - 08.03	
	WK	8	5.7	09.03 - 09.04	
	WL	8	6.0	10.04 - 12.06	
	GTS	VT II	8	5.7	06.99 - 08.00
		VX	8	5.7	09.00 - 08.02
VY		8	5.7	09.02 - 09.04	
VG		8	5.0	08.88 - 10.91	
Maloo	VU	8	5.7	03.01 - 08.01	
	VU II	8	5.7	09.01 - 09.02	



Maloo	VY	8	5.7	10.02 - 08.03
	VZ	8	6.0	10.04→
Maloo R8	VU	8	5.7	03.01 - 08.01
	VU II	8	5.7	09.01 - 09.02
	VY	8	5.7	10.02 - 08.03
	VY II	8	5.7	09.03 - 09.04
	VZ	8	6.0	10.04→
Senator	VT	8	5.0	09.97 - 05.99
			5.7	09.97 - 05.99
	VT II	8	5.7	06.99 - 08.00
	VX	8	5.7	09.00 - 08.02
	VY	8	5.7	09.02 - 06.03
				10.02 - 08.03
	VY II	8	5.7	09.03 - 09.04
	VZ	8	6.0	10.04 - 07.06
SV6000	VZ	6	6.0	10.04 - 07.06
XU6	VT	6	3.8	09.97 - 08.00
	VX	6	3.8	09.00 - 08.02
	VY	6	3.8	09.02 - 06.03

DB1333QS**NISSAN**

Pathfinder	R50	6	3.3	09.95→
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DB1334QS**BMW**

523i	E 39	6	2.5	09.95 - 09.00
525i	E 39	6	2.5	09.00 - 07.03
528i	E 39	6	2.8	09.95 - 09.00
528i Touring	E 39	6	2.8	01.97 - 09.00
530i	E 39	6	3.0	09.00 - 07.03
530i Touring	E 39	6	3.0	09.00 - 05.04
535i	E 39	8	3.5	01.96 - 07.03
540i	E 39	8	4.4	01.96 - 07.03

SUZUKI

Swift	MA	4	1.3	06.96 - 03.01
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DB1335QS**KIA**

Mentor	FX	4	1.5	01.98 - 12.00
			1.8	01.98 - 12.00
Shuma	FB	4	1.8	01.98 - 12.00
Sorento		4	1.8	01.01→

DB1336QS**LAND ROVER GROUP**

Discovery	5	2.5	10.98 - 10.04
	8	4.0	10.98 - 10.04
Range Rover	8	4.0	09.94 - 09.02
		4.6	09.94 - 09.02

DB1341UL**HOLDEN**

Calibra	YE	6	2.5	08.95 - 10.97
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SAAB (SAAB AUTOMOBILE AB)

900		4	2.0	09.93 - 08.96
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900		4	2.0	03.94 - 08.96
		6	2.5	09.94 - 08.96
				09.93 - 08.96

DB1342QS**SUBARU**

Forester	SF	4	2.0	01.97 - 07.98
			2.5	03.98 - 05.02
				07.98 - 05.02
Impreza	GD,GG	4	2.0	10.00→
				11.02 - 05.05
				06.05→
Impreza WRX	GC,GF	4	2.0	08.98 - 09.00
				10.00 - 10.02
	GD,GG	4	2.0	11.02 - 05.05
Impreza WRX STi	GD,GG	4	2.0	10.01 - 05.05
Liberty	BE,BH	4	2.0	10.98 - 05.03
				05.01 - 05.03
			2.5	10.98 - 05.03
Outback	BE,BH	4	2.5	10.98 - 05.03
			6	3.0

DB1345QS**LEXUS**

ES300	MCV30	6	3.0	07.01 - 07.03
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TOYOTA

Avalon	MCX10R	6	3.0	04.00 - 12.02
				01.03 - 06.05
Camry / Vienta	MCV20R	6	3.0	07.97 - 08.02
			SXV20R	4
Tarago	ACR30W	4	2.4	02.00 - 04.03

DB1347QS**DAEWOO**

Lanos	KLAT	4	1.5	11.96 - 09.03
			1.6	04.97 - 09.03
Leganza	KLAV, V100	4	2.0	03.97 - 12.02
			2.2	09.98 - 12.02
Nubira	KALJ, J100	4	1.6	09.97 - 09.99
			2.0	09.97 - 09.99
			KALJ, 150, 190	4

DB1349UL**VW (VOLKSWAGEN)**

Caravelle	70	4	2.0	09.90 - 04.99
		5	2.5	11.90 - 12.93
				07.94 - 10.96
				01.95 - 04.99
				08.96 - 04.99
Transporter	7D	5	2.4	11.92 - 09.98
			2.5	11.92 - 12.93
				03.98 - 04.99
	70	4	2.0	09.90 - 04.99
		5	2.4	09.90 - 05.98
			2.5	11.90 - 12.93
				01.94 - 10.96
				01.95 - 04.99
				08.96 - 04.99



DB1350QS

TOYOTA

Hilux	LN147R	4	3.0	10.97 - 02.05
	RZN147R, 149R, 154R	4	2.7	10.97 - 02.05
	RZN147/RZN152H	4	2.0	08.97 - 12.02
	VZN210W	6	3.4	11.02→

DB1351QS

HOLDEN

Calibra	YE	4	2.0	09.91 - 10.97
Vectra	JR	4	2.0	06.97 - 07.98
		6	2.5	06.97 - 07.98
	JS	4	2.0	08.98 - 06.99
			2.2	08.98 - 06.99
		6	2.5	08.98 - 06.99
	JS II	4	2.0	07.99 - 09.02
			2.2	07.99 - 09.02
		6	2.5	07.99 - 08.00

SAAB (SAAB AUTOMOBILE AB)

9-3	9400	4	2.0	03.98 - 08.00
				09.98 - 08.00
				09.99 - 08.00
			2.3	03.98 - 08.00
				09.99 - 08.00
9-5		4	2.0	06.97→
				09.98→
				09.99 - 08.00
			2.3	09.00→
				09.01→
				09.03→
		6	3.0	06.99 - 08.03
9-5 Kombi		4	2.3	09.00→
				09.01→
900		4	2.0	09.96 - 08.98
		6	2.5	09.96 - 10.98

DB1351UL

HOLDEN

Calibra	YE	4	2.0	09.91 - 10.97
Vectra	JR	4	2.0	06.97 - 07.98
		6	2.5	06.97 - 07.98
	JS	4	2.0	08.98 - 06.99
			2.2	08.98 - 06.99
		6	2.5	08.98 - 06.99
	JS II	4	2.0	07.99 - 09.02
			2.2	07.99 - 09.02
		6	2.5	07.99 - 08.00

SAAB (SAAB AUTOMOBILE AB)

9-3	9400	4	2.0	03.98 - 08.00
				09.98 - 08.00
				09.99 - 08.02
			2.3	03.98 - 08.00
9-5		4	2.0	06.97→
				09.99 - 08.00
			2.3	09.00→
				09.01→
				09.03→
		6	3.0	06.99 - 08.03
9-5 Kombi		4	2.3	09.00→
				09.01→



900		4	2.0	09.93 - 08.98
				03.94 - 08.98
				09.94 - 08.98

DB1358QS

FORD

Laser	KQ	4	1.6	03.01 - 12.03
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MAZDA

3	BJ	4	1.6	12.00→
323	BJ	4	1.6	07.98 - 10.00
				07.98 - 11.00
				12.00→

DB1359QS

FORD

Laser	KN	4	1.6	03.99 - 02.01
				03.99→
			1.8	03.99 - 02.01
				03.99→
	KQ	4	1.8	03.01 - 12.03
			2.0	03.01 - 12.03

MAZDA

3	BJ	4	1.8	01.01→
323	BJ	4	1.8	05.98 - 10.00
				07.99 - 09.03
626	GF	4	2.0	11.99→

DB1360UL

MG

ZR		4	1.8	10.01 - 05.05
ZS		6	2.5	10.01 - 05.05

ROVER

827		6	2.7	02.88 - 10.91
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DB1361QS

NISSAN

Patrol	Y61	4	3.0	02.00→
		6	2.8	10.97 - 02.00
			4.2	10.97→
			4.5	08.97→
			4.8	08.04→

DB1362QS

FORD

Laser	KN	4	1.6	03.99 - 02.01
				03.99→
			1.8	03.99 - 02.01
				03.99→
	KQ	4	1.8	03.01 - 12.03
			2.0	03.01 - 12.03

MAZDA

Premacy	CP	4	1.8	02.00→
3	BJ	4	1.8	01.01→

**DB1363QS****SUBARU**

Impreza		4	1.6	01.93 - 12.95
			1.8	01.93 - 12.95
	GD,GG	4	2.0	10.00→ 11.02-05.05 06.05→ 2.5 07.01-05.05
Impreza WRX	GC,GF	4	2.0	08.98-09.00
	GD,GG	4	2.0	10.00-10.02 11.02-05.05
			2.5	06.05→
Impreza WRX STi	GD,GG	4	2.0	10.01-05.05
			2.5	06.05→
Liberty	BE,BH	4	2.0	10.98-05.03
			2.5	10.98-05.03
Outback	BE,BH	4	2.5	10.98-05.03
		6	3.0	07.00-05.03

DB1364QS**BMW**

523i	E 39	6	2.5	09.95-09.00
525i	E 39	6	2.5	09.00-07.03
528i	E 39	6	2.8	09.95-09.00
528i Touring	E 39	6	2.8	01.97-09.00
535i	E 39	8	3.5	01.96-09.97

DB1364UL**BMW**

523i	E 39	6	2.5	09.95-11.96 12.96-09.00
525i	E 39	6	2.5	09.00-07.03
528i	E 39	6	2.8	09.95-09.00
528i Touring	E 39	6	2.8	01.97-09.00
535i	E 39	8	3.5	01.96-09.97

DB1365QS**LEXUS**

LX470	UZJ100	8	4.7	01.98→
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TOYOTA

Land Cruiser	FZJ75, 78, 79, 105	6	4.5	03.98-04.05
	HDJ78, 79	6	4.2	06.01→
	HDJ100	6	4.2	01.98→
	HZJ78	6	4.2	08.99-08.01
	HZJ78, 79, 105	6	4.2	03.98→
	UZJ100	8	4.7	01.98→

DB1366QS**MAZDA**

B2500	UN	4	2.5	02.99-03.06
B2600	UN	4	2.6	02.99-03.06

DB1367QS**SUZUKI**

Baleno		4	1.8	09.95-09.05 08.96-08.06
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DB1368QS**DAEWOO**

Lanos	KLAT	4	1.5	11.96-09.03
Matiz	KLYA	3	0.8	04.98-01.05

DB1370QS**DAEWOO**

Lacetti	KLAN	4	1.8	03.04-01.05
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DB1372QS**TOYOTA**

Townace	KR42V	4	1.8	11.96-12.98 12.98-12.03
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DB1373QS**FORD**

Ka		4	1.3	09.96-01.00 02.00-10.02
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DB1375QS**FORD**

Fairlane	AU II	6	4.0	07.00-02.03
		8	5.0	07.00-02.03
Falcon / Fairmont	AU II	6	4.0	04.00-03.01 07.00-03.01
		8	5.0	04.00-03.01
	AU III	6	4.0	04.01-09.02
		8	5.0	04.01-09.02
Falcon Utility	AU II	6	4.0	04.00-09.01
		8	5.0	04.00-09.01
	AU III	6	4.0	10.01-09.02
		8	5.0	10.01-09.02
Falcon Utility XR6	AU II	6	4.0	04.00-09.01
Falcon Utility XR8	AU II	8	5.0	04.00-09.01
Falcon XR6	AU II	6	4.0	04.00-03.01
		6	4.0	04.01-09.02
Falcon XR8	AU II	8	5.0	04.00-03.01
		8	5.0	04.01-09.02
LTD	AU II	6	4.0	06.00-06.03
		8	5.0	06.00-06.03

DB1376QS**FORD**

Fairlane	BA	6	4.0	07.03-02.05
		8	5.4	07.03-02.05
	BA II	6	4.0	03.05-09.05
		8	5.4	03.05-09.05
	BF	6	4.0	10.05→
		8	5.4	10.05→
Falcon / Fairmont	AU II	6	4.0	04.00-03.01 07.00-03.01
		8	5.0	04.00-03.01
	AU III	6	4.0	04.01-09.02
		8	5.0	04.01-09.02
	BA	6	4.0	10.02-09.04
		8	5.4	10.02-09.04
	BA II	6	4.0	10.04-09.05
		8	5.4	10.04-09.05



◀ DB1376QS

Falcon / Fairmont	BF	6	4.0	10.05 - 09.06
		8	5.4	10.05 - 09.06
Falcon Utility	AU II	6	4.0	04.00 - 09.01
		8	5.0	04.00 - 09.01
	AU III	6	4.0	10.01 - 09.02
		8	5.0	10.01 - 09.02
	BA	6	4.0	10.02 - 09.04
		8	5.4	10.02 - 09.04
	BA II	6	4.0	10.04 - 09.05
		8	5.4	10.04 - 09.05
Falcon Utility XR6	AU II	6	4.0	04.00 - 09.01
	BA	6	4.0	10.02 - 09.04
	BA II	6	4.0	03.05 - 09.05
Falcon Utility XR8	AU II	8	5.0	04.00 - 09.01
	BA	8	5.4	10.02 - 09.04
	BA II	8	5.4	03.05 - 09.05
Falcon XR6	AU II	6	4.0	04.00 - 03.01
	AU III	6	4.0	04.01 - 09.02
	BA	6	4.0	10.02 - 09.04
	BA II	6	4.0	10.04 - 09.05
Falcon XR8	AU II	8	5.0	04.00 - 03.01
	AU III	8	5.0	04.01 - 09.02
	BA	8	5.4	10.02 - 09.04
	BA II	8	5.4	03.05 - 09.05
LTD	AU II	6	4.0	06.00 - 06.03
		8	5.0	06.00 - 06.03
	BA	8	5.4	07.03 - 09.04
		BF	8	5.4

DB1379QS

SUBARU

Forester	SF	4	2.0	01.97 - 07.98
				03.98 - 05.02
				2.5 07.98 - 05.02
SG	4	2.5	06.02 - 05.03	
			04.03 →	
Impreza	GD,GG	4	2.0	10.00 →
				2.5 07.01 - 05.05
Impreza WRX	GC,GF	4	2.0	08.98 - 09.00
Liberty	BE,BH	4	2.0	10.98 - 05.03
				2.5 10.98 - 05.03
Outback	BE,BH	6	3.0	07.00 - 04.01
				07.00 - 05.03

DB1381UL

MITSUBISHI

Colt	CZ	4	1.5	04.04 →
				01.05 →

SMART (MCC)

FORFOUR		4	1.3	01.04 - 06.07
			1.5	01.04 - 06.07

VOLVO

S40		4	1.8	08.99 - 01.04
				1.9 05.97 - 07.97
				08.97 - 07.99
				08.99 - 07.00
				2.0 09.95 - 07.97
				08.97 - 07.99
				04.98 - 07.99
				08.99 - 07.00
				08.99 - 01.04
				08.00 - 01.04
				08.01 - 01.04



S40	P 11	5	2.4	12.03 →
				2.5 12.03 →
V40		4	1.8	08.99 - 04.04
				1.9 05.97 - 07.97
				05.97 - 07.99
				08.99 - 07.00
				2.0 01.96 - 07.97
				01.96 - 07.99
				04.98 - 07.99
				08.99 - 07.00
				08.99 - 04.04
				08.01 - 04.04

DB1382UL

MITSUBISHI

Colt	CZ	4	1.5	04.04 →
				01.05 →

PROTON

Waja	CF1	4	1.6	09.00 →
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SMART (MCC)

FORFOUR		4	1.3	01.04 - 06.07
				1.5 01.04 - 06.07
				04.05 - 06.07

VOLVO

S40		4	1.8	08.99 - 01.04				
				1.9 05.97 - 07.99				
				08.99 - 07.00				
				2.0 09.95 - 07.99				
				04.98 - 07.99				
				08.99 - 07.00				
				08.99 - 01.04				
				08.00 - 01.04				
				08.01 - 01.04				
								08.99 - 01.04
								08.01 - 01.04
V40		4	1.8	08.99 - 04.04				
				1.9 05.97 - 07.99				
				08.99 - 07.00				
				2.0 01.96 - 07.99				
				04.98 - 07.99				
				08.99 - 07.00				
				08.99 - 04.04				
				08.01 - 04.04				
	P 11	5	2.4	12.03 →				
			2.5	12.03 →				

DB1388QS

MITSUBISHI

Pajero	NM	6	3.5	01.00 →
				V 4 3.2 02.00 →

DB1389QS

VW (VOLKSWAGEN)

Caravelle	70		0	2.5 05.99 - 06.03
				4 2.0 09.90 - 06.03
				5 2.5 11.90 - 12.93
				07.94 - 10.96
				01.95 - 06.03
				08.96 - 06.03
				05.00 - 06.03
Transporter	7D	5	2.4	11.92 - 09.98



Transporter	7D	5	2.5	11.92 - 12.93		
				03.98 - 06.03		
				04.01 - 06.03		
	70	4	2.0	09.90 - 06.03		
				5	2.4	09.90 - 05.98
					2.5	11.90 - 12.93
				01.94 - 10.96		
				01.95 - 06.03		
				08.96 - 06.03		
				05.99 - 06.03		
04.01 - 06.03						

DB1391QS**HONDA**

Civic		4	2.0	05.03→
	EJ/EK	4	1.7	10.00→
	ES	4	1.7	10.00→

DB1397QS**BMW**

M3	E 46	6	3.2	09.00 - 09.06		
M3 Cabriolet	E 46	6	3.2	04.01 - 03.07		
M3 CSL	E 46	6	3.2	03.03 - 12.03		
M5	E 39	8	5.0	10.98 - 07.03		
X3	E 83	6	2.5	03.04 - 09.06		
			3.0	01.04 - 09.06 09.05→		
X5	E 53	6	3.0	10.99 - 10.06		
				03.01 - 09.03		
				10.03 - 10.06		
				8	4.4	03.99 - 09.03
				10.03 - 10.06		
	4.6	02.02 - 09.03				
	4.8	03.04 - 10.06				
325i	E 46	6	2.5	09.00 - 03.05		
330Ci	E 46	6	3.0	05.00 - 09.06		
330Ci Cabriolet	E 46	6	3.0	05.00 - 03.07		
330i	E 46	6	3.0	05.00 - 03.05		
730i, 730iL	E 38	8	3.0	06.94 - 12.96		
735i, 735iL	E 38	8	3.5	09.94 - 12.01		
740i, 740iL	E 38	8	4.0	06.94 - 06.96		
			4.4	01.96 - 12.01		
750i, 750iL	E 38	12	5.4	06.94 - 12.01		

DB1405QS**AUDI**

A3	8L1	4	1.6	09.96 - 06.99	
				05.00 - 04.02	
				05.02 - 06.03	
				1.8	09.96 - 06.99
				12.96 - 06.99	
	8P1	4	1.6	05.03 - 05.05	
	2.0			05.03→	
				06.04 - 12.04	
				09.04 - 10.05	
	A3 Quattro	8L1	4	1.8	08.97 - 06.99
08.98 - 06.99					

VW (VOLKSWAGEN)

Bora	1J2	4	2.0	09.98 - 04.99		
				5	2.3	09.98 - 04.99
						01.99 - 04.99
						09.00 - 05.05



Bora	1J2	6	2.8	01.00 - 04.01			
				05.01 - 05.05			
				5	2.3	05.00 - 02.01	
Caddy	2KA, 2KB	4	1.9	02.04→			
				4	2.0	07.03 - 02.04	
Golf IV	1J1	4	1.6	10.97 - 04.99			
				01.98 - 04.99			
				09.00 - 05.04			
				1.8	10.97 - 04.99		
				2.0	08.98 - 04.99		
Golf V	1K1	4	1.6	01.04 - 05.05			
				1.9	10.03 - 02.06		
				2.0	10.03→		
					08.04 - 11.05		
				12.04→			
Jetta	1K2	4	2.0	08.05 - 11.05			
				08.05→			
				09.05→			
				10.05 - 11.05			
				10.05→			
New Beetle	1C1, 9C1	4	2.0	01.98 - 05.99			
				11.98 - 05.99			
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05			
Polo		4	1.6	06.03→			
				9N1	4	1.4	09.01 - 05.04
				9N2	4	1.4	07.03→
				9N3	4	1.4	04.05 - 05.07
				1.6	05.06→		
				1.9	04.05→		
Polo 1.4 FSI	9N3	4	1.4	05.06→			

DB1407UL**SEAT**

Cordoba	6K2	4	1.6	12.95 - 11.02	
				03.97 - 12.98	
				1.8	10.95 - 12.02
				2.0	10.95 - 04.96
Ibiza	6K1	4	1.4	10.95 - 12.95	
				12.95 - 12.97	
				2.0	10.95 - 04.96
					06.96 - 10.99
Toledo	1L2	4	2.0	05.91 - 06.96	
				03.94 - 03.99	
				03.96 - 03.99	

VW (VOLKSWAGEN)

Golf III	1H1	4	1.8	10.95 - 12.97	
				2.0	08.95 - 12.97
				6	2.8
Vento	1H2	4	2.0	01.96 - 03.97	

DB1409QS**BMW**

M5	E 39	8	5.0	10.98 - 07.03
X5	E 53	6	3.0	10.99 - 10.06
				03.01 - 09.03
				10.03 - 10.06
		8	4.4	03.99 - 09.03
				10.03 - 10.06
525i	E 39	6	2.5	09.00 - 07.03
530i	E 39	6	3.0	09.00 - 07.03
530i Touring	E 39	6	3.0	09.00 - 05.04
535i	E 39	8	3.5	01.96 - 07.03
540i	E 39	8	4.4	01.96 - 07.03



◀ DB1409QS

735i, 735iL	E 38	8	3.5	09.94 - 12.01
740i, 740iL	E 38	8	4.0	06.94 - 06.96
			4.4	01.96 - 12.01

DB1414QS

BMW

Z3	E 36/7	4	1.9	09.95 - 12.99	
			6	2.0	04.99 - 12.00
				2.2	09.00 - 12.02
				2.8	11.96 - 09.00
				3.0	05.00 - 12.02
Z4	E 85	6	2.5	10.02 - 01.06	
				3.0	10.02 - 01.06
316i	E 46	4	1.8	02.02 - 03.04	
316ti Compact	E 46	4	1.6	04.04 - 12.04	
				1.8	06.01 - 03.04
					04.04 - 12.04
318i	E 46	4	1.9	11.98 - 09.01	
				2.0	09.01 - 03.04
					04.04 - 03.05
318ti Compact	E 46	4	2.0	04.04 - 12.04	
320Ci	E 46	6	2.2	09.00 - 09.06	
320i	E 46	6	2.2	09.00 - 03.05	
320i Touring	E 46	6	2.2	09.00 - 09.05	
323Ci	E 46	6	2.5	04.98 - 09.00	
323Ci Cabriolet	E 46	6	2.5	03.00 - 09.00	
323i	E 46	6	2.5	04.98 - 09.00	
325Ci	E 46	6	2.5	09.00 - 09.06	
325Ci Cabriolet	E 46	6	2.5	09.00 - 03.07	
325i	E 46	6	2.5	09.00 - 03.05	
325ti Compact	E 46	6	2.5	06.01 - 12.04	
328Ci	E 46	6	2.8	04.98 - 09.00	
328i	E 46	6	2.8	11.98 - 09.00	

DB1414UL

BMW

Z3	E 36/7	4	1.9	09.95 - 12.99	
			6	2.0	04.99 - 12.00
				2.2	09.00 - 12.02
				2.8	11.96 - 09.00
				3.0	05.00 - 12.02
Z4	E 85	6	2.5	10.02 - 01.06	
				3.0	10.02 - 01.06
316i	E 46	4	1.8	02.02 - 03.04	
316i Compact	E 36	4	1.6	03.94 - 09.00	
				1.9	12.98 - 09.00
316ti Compact	E 36	4	1.8	10.94 - 09.96	
				1.9	12.95 - 09.00
	E 46	4	1.6	04.04 - 12.04	
				1.8	06.01 - 03.04
					04.04 - 12.04
318i	E 36	4	1.8	12.90 - 02.94	
					03.92 - 10.96
					09.93 - 12.98
	E 46	4	1.9	11.98 - 09.01	
				2.0	09.01 - 03.04
					04.04 - 03.05
318iS	E 36	4	1.8	03.92 - 09.96	
					03.93 - 12.96
					07.96 - 10.98
		1.9	03.95 - 12.98		
			12.95 - 12.99		
318ti Compact	E 46	4	2.0	04.04 - 12.04	
320Ci	E 46	6	2.2	09.00 - 09.06	
320i	E 36	6	2.0	09.90 - 12.95	
					10.91 - 10.96



320i	E 46	6	2.2	09.00 - 03.05	
320i Touring	E 46	6	2.2	09.00 - 09.05	
323Ci	E 46	6	2.5	04.98 - 09.00	
323Ci Cabriolet	E 46	6	2.5	03.00 - 09.00	
323i	E 36	6	2.5	10.94 - 12.98	
					03.95 - 12.99
				10.96 - 10.98	
	E 46	6	2.5	04.98 - 09.00	
323i Cabriolet	E 36	6	2.5	05.95 - 12.99	
323ti	E 36	6	2.5	06.97 - 09.00	
325Ci	E 46	6	2.5	09.00 - 09.06	
325Ci Cabriolet	E 46	6	2.5	09.00 - 03.07	
325i	E 36	6	2.5	09.90 - 12.95	
					04.91 - 08.95
					03.92 - 12.95
				04.92 - 08.93	
	E 46	6	2.5	09.00 - 03.05	
325i Cabriolet	E 36	6	2.5	03.93 - 12.95	
325ti Compact	E 46	6	2.5	06.01 - 12.04	
328Ci	E 46	6	2.8	04.98 - 09.00	
328i	E 36	6	2.8	10.94 - 12.98	
					03.95 - 12.99
	E 46	6	2.8	11.98 - 09.00	
328i Cabriolet	E 36	6	2.8	03.95 - 12.99	

DB1422QS

TOYOTA

Corolla	ZZE122	4	1.8	08.00 →	
					09.01 - 01.04
					09.02 →
	ZZE122G	4	1.8	08.00 →	
Echo	NCP10	4	1.3	08.99 - 12.02	
					09.99 - 02.05
					08.99 →
					06.03 →
MR2	ZZW30	4	1.8	12.99 - 08.02	
					05.00 - 08.03
Prius	NHW11	4	1.5	05.00 - 08.03	

DB1424QS

HOLDEN

Astra	AH	4	1.8	03.04 →		
					08.05 →	
					1.9	04.04 →
					2.2	09.03 →
						10.98 - 11.00
	TS	4	1.8	02.99 - 11.00		
				12.00 - 09.04		
				2.0	09.02 - 08.05	
				2.2	09.00 - 08.05	
Astra Convertible	TS	4	2.0	05.03 - 12.04		
				2.2	09.00 - 08.05	
Astra Coupe	TS	4	2.2	09.00 - 08.05		
Astra GTC	AH	4	2.0	03.05 →		

DB1425QS

HOLDEN

Astra	AH	4	1.8	03.04 →		
					08.05 →	
					1.9	04.04 →
					2.2	09.03 →
						10.98 - 11.00
	TS	4	1.8	02.99 - 11.00		
				12.00 - 09.04		



Astra	TS	4	2.0	09.02 - 08.05
			2.2	09.00 - 08.05
Astra Convertible	TS	4	2.0	05.03 - 12.04
			2.2	09.00 - 08.05
Astra Coupe	TS	4	2.2	09.00 - 08.05
Astra GTC	AH	4	2.0	03.05→
Zafira	TT	4	2.2	09.00 - 08.05

MERCEDES-BENZ

Vito	W638 TON	4	2.0	11.95 - 09.03
			2.2	04.99 - 09.03
			2.3	11.95 - 09.03

DB1426QS**FORD**

Escape		4	2.3	01.04→
		6	3.0	12.00→
	BA	6	3.0	03.01 - 02.03
	ZA	6	3.0	03.03 - 12.03
	ZB	6	3.0	01.04→

MAZDA

Tribute		4	2.0	12.00→
			2.3	03.04→
		6	3.0	12.00→

DB1429QS**TOYOTA**

Celica	ZZT231	4	1.8	08.99→
				08.00 - 09.05
Corolla	ZZE122	4	1.8	08.00→
				09.01 - 01.04
	ZZE123	4	1.8	11.01→
Echo	NCP10	4	1.3	08.99 - 12.02
				09.99 - 02.05
Prius	NHW11	4	1.5	05.00 - 08.03

DB1431QS**TOYOTA**

Celica	ZZT231	4	1.8	08.99→
				08.00 - 09.05

DB1432QS**TOYOTA**

RAV4	ACA 20/21	4	2.0	05.00 - 07.03
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DB1433QS**TOYOTA**

Avalon	MCX10R	6	3.0	04.00 - 12.02
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DB1436QS**FORD**

Transit	F_	4	2.3	08.01 - 07.06
			2.4	01.00 - 07.06
				03.04 - 07.06

**DB1443UL****AUDI**

A8	4D2, D2	6	2.8	06.94 - 03.96
		8	3.7	11.98 - 12.98
A8 Quattro	4D2, D2	8	4.2	10.98 - 12.98
				10.98 - 02.01
S8	4D2	8	4.2	10.98 - 12.98
				09.00 - 09.02

DB1444UL**PORSCHE**

Boxster	986	6	2.5	10.96 - 08.99
			2.7	09.99 - 08.02
				09.02 - 08.04

DB1445UL**VOLVO**

S60	P 24	5	2.3	11.00 - 03.04
			2.4	11.00→
			2.5	11.00 - 07.03
				04.04→
S80	P 23	5	2.5	08.03 - 07.06
		6	2.8	06.98 - 07.01
			2.9	06.98 - 07.99
				08.01 - 07.06
V70		5	2.3	03.00 - 07.04
			2.4	03.00 - 07.03
				03.00 - 07.07
			2.5	03.03 - 07.07
				04.04 - 07.07
XC70		5	2.4	08.04 - 07.07
			2.5	08.02 - 07.07
XC90		5	2.5	01.03→
		6	2.9	01.03 - 07.06
XC90 D5		5	2.4	05.05→
XC90 V8		8	4.4	03.05→
XC90 2.5T		5	2.5	01.03→
XC90 3.2		6	3.2	08.06→

DB1449QS**PEUGEOT**

307	T5	4	1.6	08.00 - 05.05
405	15	4	1.9	07.87 - 12.92
				07.88 - 12.92

VW (VOLKSWAGEN)

Bora	1J2	4	2.0	09.98 - 05.05
		5	2.3	09.98 - 02.01
				01.99 - 02.01
				09.00 - 05.05
		6	2.8	01.00 - 04.01
				05.01 - 05.05
	1J6	5	2.3	05.00 - 02.01
Golf II	19, 1G	4	1.8	07.90 - 11.92
Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
		6	2.8	04.94 - 12.97
Golf III Cabriolet	1E7	4	2.0	02.95 - 07.95
				07.95 - 04.98



◀ DB1449QS

Golf IV	1J1	4	1.6	10.97 - 05.04 01.98 - 05.04 09.00 - 05.04
			1.8	10.97 - 10.00 10.97 - 05.03
			2.0	08.98 - 05.04
		6	3.2	10.03 - 05.04
Golf IV Cabriolet	1E7	4	2.0	04.98 - 12.01
Golf V	1K1	4	1.6	01.04 - 05.05
			1.9	10.03 - 02.06
			2.0	10.03 → 08.04 - 11.05 12.04 →
Golf V 2.0 TDI Variant	1K5	4	2.0	05.07 →
New Beetle	1C1, 9C1	4	1.6	06.00 - 06.05 06.02 →
			1.8	06.00 - 06.04 10.00 →
			1.9	07.05 →
			2.0	01.98 - 10.01 11.98 - 06.05
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05 01.03 →
Passat	3B2	4	1.8	10.96 - 11.00 12.96 - 01.99 08.98 - 11.00 01.99 - 11.00 02.99 - 11.00
		5	2.3	10.96 - 11.00 06.97 - 11.00
		6	2.8	01.97 - 11.00 06.97 - 11.00
	3B3	4	1.8	10.00 - 05.05
		5	2.3	10.00 - 05.05
		6	2.8	10.00 - 05.05
		8	4.0	05.02 - 09.04
	3B5	4	1.8	01.99 - 11.00 02.99 - 11.00
		5	2.3	09.97 - 11.00
		6	2.8	06.97 - 11.00
	31, 35, 3A, 3A5, 3A2	4	2.0	07.95 - 03.97
		6	2.8	08.95 - 03.97
Polo		4	1.6	06.03 →
	6N1	4	1.6	10.96 - 12.99
	6N2	4	1.4	01.99 - 09.01
	9N1	4	1.4	09.01 - 05.04
	9N2	4	1.4	07.03 →
	9N3	4	1.4	04.05 - 05.07
			1.8	08.05 →
Vento	1H2	4	2.0	07.95 - 03.97

DB1450QS

HYUNDAI

Santa Fe	SM	4	2.4	02.00 - 12.05
Trajt	FO	6	2.7	01.00 →

KIA

Sorento	JC	6	3.5	03.03 →
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DB1451QS

HYUNDAI

Santa Fe	SM	4	2.4	02.00 - 12.05
Sonata		6	2.7	05.04 →
Sonata III	EF	6	2.5	03.98 - 03.01



Sonata IV		4	2.0	01.01 - 09.04
	EF	6	2.7	04.01 - 11.04
Terracan	HP	4	2.9	11.03 →
		6	3.5	07.01 - 10.06
Trajt	FO	6	2.7	01.00 →
Tucson	JM	6	2.7	08.04 →
KIA				
Optima		6	2.5	07.00 - 04.02
SSANGYONG				
Rexton		5	2.7	08.04 →
		6	3.2	09.02 →

DB1452QS

HONDA

S2000		4	2.0	04.99 →
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DB1453UL

MERCEDES-BENZ

CL55 AMG	W215	8	5.4	09.99 - 08.02
CL500	W215	8	5.0	09.99 - 05.06
CL600	W215	12	5.8	09.99 - 08.02
ML55 AMG	W163	8	5.4	03.00 - 06.05
ML270 CDI	W163	5	2.7	11.99 - 06.05
ML320	W163	6	3.2	03.98 - 07.02
ML350	W163	6	3.7	08.02 - 01.03
ML430	W163	8	4.3	06.98 - 07.02
ML500	W163	8	5.0	09.01 - 06.05
SL280	W129	6	2.8	06.98 - 08.01
SL320	W129	6	3.2	06.98 - 08.01
SL500	W129	8	5.0	06.98 - 08.01
SL600	W129	12	6.0	07.93 - 09.95 09.95 - 05.98 06.98 - 08.01
S320	W220	6	3.2	10.98 - 08.02
S430	W220	8	4.3	10.98 - 08.05
600SL	W129	12	6.0	07.92 - 06.93

DB1454QS

NISSAN

Pulsar	N16	4	1.6	07.00 →
			1.8	07.00 →

DB1455QS

MITSUBISHI

Lancer	CS/CT	4	2.0	06.03 →
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DB1456UL

VOLVO

S60	P 24	5	2.3	11.00 - 03.04
			2.4	11.00 →
			2.5	11.00 - 07.03 04.04 →
S80	P 23	5	2.5	08.03 - 07.06
		6	2.8	06.98 - 07.01
			2.9	06.98 - 07.99 08.01 - 07.06



V70		5	2.3	03.00 - 07.04
			2.4	03.00 - 07.03
				03.00 - 07.07
XC70		5	2.5	04.04 - 07.07
			2.4	08.04 - 07.07
			2.5	08.02 - 07.07

DB1464QS

MITSUBISHI

Pajero	NM	6	3.5	01.00→
	V	4	3.2	02.00→

DB1466QS

KIA

Credos		4	2.0	02.98 - 07.00
Mentor	FX	4	1.5	01.98 - 12.00
			1.8	01.98 - 12.00
Sorento		4	1.8	01.01→

DB1467UL

PORSCHE

Boxster	986	6	2.5	10.96 - 08.99
			2.7	09.99 - 08.02
				09.02 - 08.04
			3.2	09.99 - 08.02
				09.02 - 08.04
987	6	2.7	09.04 - 08.06	
		3.2	09.04 - 08.06	
		3.4	11.05→	
Cayman	987C	6	3.4	11.05→
911 Carrera	996	6	3.4	09.97 - 08.99
				09.99 - 08.01
			3.6	09.01 - 07.04
997	6	3.6	08.04→	
			04.05→	
911 Carrera 4	996	6	3.4	09.98 - 08.99
			3.6	09.01 - 07.04

DB1471QS

HOLDEN

Barina	XC	4	1.4	09.03 - 10.05
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DB1472QS

HOLDEN

Barina	XC	4	1.4	09.03 - 10.05
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DB1473QS

FORD

Fairlane	BA	6	4.0	07.03 - 02.05	
			8	5.4	07.03 - 02.05
			6	4.0	03.05 - 09.05
			8	5.4	03.05 - 09.05
			6	4.0	10.05→
			8	5.4	10.05→
Falcon / Fairmont	BA	6	4.0	10.02 - 09.04	
			8	5.4	10.02 - 09.04
			6	4.0	10.04 - 09.05
			8	5.4	10.04 - 09.05



Falcon / Fairmont	BF	6	4.0	10.05 - 09.06	
			8	5.4	10.05 - 09.06
Falcon Utility	BA	6	4.0	10.02 - 09.04	
			8	5.4	10.02 - 09.04
			6	4.0	10.04 - 09.05
			8	5.4	10.04 - 09.05
Falcon Utility XR6	BA	6	4.0	10.02 - 09.04	
			6	4.0	03.05 - 09.05
			6	4.0	10.05 - 09.06
Falcon Utility XR8	BA	8	5.4	10.02 - 09.04	
			8	5.4	03.05 - 09.05
			8	5.4	10.05 - 09.06
Falcon XR6	BA	6	4.0	10.02 - 09.04	
			6	4.0	10.04 - 09.05
			6	4.0	10.05 - 09.06
Falcon XR8	BA II	8	5.4	03.05 - 09.05	
			8	5.4	10.05 - 09.06
LTD	BA	8	5.4	07.03 - 09.04	
			8	5.4	10.05→
Territory	SX	6	4.0	05.04 - 09.05	
			6	4.0	10.05→

DB1474QS

TOYOTA

Avalon	MCX10R	6	3.0	01.03 - 06.05
Camry / Vienta	ACV36R	4	2.4	09.02 - 05.06
			6	3.0

DB1475QS

TOYOTA

Avalon	MCX10R	6	3.0	01.03 - 06.05
Camry / Vienta	ACV36R	4	2.4	09.02 - 05.06
			6	3.0

DB1481QS

HONDA

Accord	CL/CN/CM	4	2.4	02.03→
Civic		4	1.3	11.01 - 03.05
			4	1.4
CR-V		4	2.0	09.96 - 11.00
			2.4	05.04→
				09.04→
Integra		4	2.0	07.01 - 03.05
MDX	YD1	6	3.5	03.03→
NSX		6	3.0	09.90→
Odyssey		4	2.4	10.03 - 03.05

DB1484QS

MAZDA

6	GG/GY	4	2.0	06.02→
			2.3	02.02→
				04.02→
				06.02→
				08.02→

DB1485QS

NISSAN

Maxima	J31	6	3.5	07.06→
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DB1487QS

TOYOTA

Avensis	ACM20	4	2.0	05.01 - 11.03
	ACM21	4	2.4	10.03→

DB1493QS

NISSAN

Maxima	J31	6	3.5	07.06→
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DB1503QS

HYUNDAI

Elantra	XD	4	1.8	06.00→
			2.0	06.00→

DB1507QS

KIA

Sorento		4	1.8	01.01→
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DB1515QS

HONDA

Accord		4	2.4	01.03→
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DB1665QS

HOLDEN

Vectra	ZC	4	2.2	09.01→
		6	3.2	08.02→

MAZDA

3	BK	4	2.0	07.03→
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SAAB (SAAB AUTOMOBILE AB)

9-3	9440	4	2.0	09.02 - 08.06
				09.02→
				02.03→
9-3 Cabriolet	9440	4	1.8	08.03→
			2.0	08.03→

DB1674QS

HOLDEN

Cruze		4	1.5	12.03→
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SUZUKI

Ignis		4	1.3	10.00 - 09.03
			1.5	12.03 - 12.06

DB1675QS

FORD

Falcon / Fairmont	BF	6	4.0	10.05 - 09.06
		8	5.4	10.05 - 09.06
Falcon Utility XR6	BF	6	4.0	10.05 - 09.06
Falcon Utility XR8	BF	8	5.4	10.05 - 09.06
Falcon XR6	BF	6	4.0	10.05 - 09.06



Falcon XR8	BF	8	5.4	10.05 - 09.06
Territory	SX	6	4.0	05.04 - 09.05
	SY	6	4.0	10.05→

DB1679QS

MAZDA

3	BK	4	2.0	07.03→
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DB1682QS

MAZDA

6	GK	4	2.3	04.02→
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DB1686QS

MITSUBISHI

Lancer	CS/CT	4	2.0	06.03→
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DB1724QS

FORD

Fiesta	02	4	1.6	11.01→
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DB2008UL

MERCEDES-BENZ

Vito	W638 TON	4	2.0	11.95 - 09.03
			2.2	04.99 - 09.03
			2.3	11.95 - 09.03

DB2010UL

MERCEDES-BENZ

Vito	W638 TON	4	2.0	11.95 - 09.03
			2.2	04.99 - 09.03
			2.3	11.95 - 09.03

DB2012UL

AUDI

A4	8D2, B5	4	1.8	11.94 - 10.96
A6	4A2, C4	6	2.6	06.94 - 10.97
			2.8	06.94 - 10.97
A6 Avant	4A5, C4	6	2.6	06.94 - 06.96
A6 Quattro	4A2, C4	6	2.6	06.94 - 10.97
			2.8	06.94 - 10.97
100	4A2, C4	6	2.6	04.92 - 07.94
			2.8	12.90 - 07.94
100 Quattro	4A2, C4	6	2.6	03.92 - 07.94

DB2014UL

HOLDEN

Astra	AH	4	1.8	03.04→
				08.05→
			1.9	04.04→
			2.2	09.03→



Astra	TS	4	1.8	10.98 - 11.00 02.99 - 11.00 12.00 - 09.04
			2.0	09.02 - 08.05
			2.2	09.00 - 08.05
Astra Convertible	TS	4	2.0	05.03 - 12.04
			2.2	09.00 - 08.05
Astra Coupe	TS	4	2.2	09.00 - 08.05
Astra GTC	AH	4	2.0	03.05→

DB2020UL

MERCEDES-BENZ

C180	W202	4	1.8	03.93 - 08.95 09.95 - 04.00
C200	W202	4	2.0	01.94 - 04.00
C220	W202	4	2.2	03.93 - 09.96
C230	W202	4	2.3	09.96 - 05.97
C250	W202	5	2.5	05.93 - 08.95

DB2022UL

AUDI

A3	8L1	4	1.6	09.96 - 06.99 05.00 - 04.02 05.02 - 06.03
			1.8	09.96 - 06.99 12.96 - 06.99 08.98 - 06.99
	8P1	4	1.6	05.03 - 05.05
			2.0	05.03→ 06.04 - 12.04 09.04 - 10.05
A3 Quattro	8L1	4	1.8	08.97 - 06.99 08.98 - 06.99

VW (VOLKSWAGEN)

Bora	1J2	4	2.0	09.98 - 04.99
		5	2.3	09.98 - 04.99 01.99 - 04.99 09.00 - 05.05
		6	2.8	01.00 - 04.01 05.01 - 05.05
	1J6	5	2.3	05.00 - 02.01
Caddy	2KA, 2KB	4	1.9	02.04→
Golf IV		4	2.0	07.03 - 02.04
	1J1	4	1.6	10.97 - 04.99 01.98 - 04.99 09.00 - 05.04
			1.8	10.97 - 04.99
			2.0	08.98 - 04.99
Golf V	1K1	4	1.6	01.04 - 05.05
			1.9	10.03 - 02.06
			2.0	10.03→ 08.04 - 11.05 12.04→
Jetta	1K2	4	2.0	08.05 - 11.05 08.05→ 09.05→ 10.05 - 11.05 10.05→
New Beetle	1C1, 9C1	4	2.0	01.98 - 05.99 11.98 - 05.99
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05 01.03→
Polo		4	1.6	06.03→
	9N1	4	1.4	09.01 - 05.04
	9N2	4	1.4	07.03→



Polo	9N3	4	1.4	04.05 - 05.07
			1.6	05.06→
			1.9	04.05→
Polo 1.4 FSI	9N3	4	1.4	05.06→

DB2030UL

VOLVO

C70		5	2.3	09.97 - 07.98 09.97 - 07.02 08.98 - 07.02 08.02 - 03.06
			2.4	03.99 - 07.00 08.99 - 07.02
S70		5	2.3	01.97 - 07.98 01.97 - 07.00 08.98 - 07.00
			2.4	08.99 - 07.00
			2.5	01.97 - 07.98 01.97 - 07.99 08.98 - 07.99
V70		5	2.3	01.97 - 07.98 01.97 - 03.00 08.98 - 03.00
			2.4	01.97 - 07.98 01.97 - 03.00 08.98 - 03.00
850		5	2.3	09.93 - 07.96 08.95 - 07.97
			2.5	09.91 - 07.97 09.92 - 07.97 09.95 - 07.97 09.96 - 07.97

DB2034UL

HOLDEN

Astra	AH	4	1.8	03.04→ 08.05→
			1.9	04.04→
			2.2	09.03→
	TS	4	1.8	10.98 - 11.00 02.99 - 11.00 12.00 - 09.04
			2.0	09.02 - 08.05
			2.2	09.00 - 08.05
Astra Convertible	TS	4	2.0	05.03 - 12.04 09.00 - 08.05
Astra Coupe	TS	4	2.2	09.00 - 08.05
Astra GTC	AH	4	2.0	03.05→
Combo	XC	4	1.4	09.04→
Zafira	TT	4	2.2	09.00 - 08.05

DB2038UL

VW (VOLKSWAGEN)

Caravelle	70	4	2.0	09.90 - 04.99 09.90 - 06.03
		5	2.5	11.90 - 12.93 07.94 - 10.96 01.95 - 04.99 08.96 - 04.99
Transporter	7D	5	2.4	11.92 - 09.98
			2.5	11.92 - 12.93 03.98 - 04.99



◀ DB2038UL

Transporter	70	4	2.0	09.90 - 04.99
		5	2.4	09.90 - 05.98
			2.5	11.90 - 12.93
				01.94 - 10.96
				01.95 - 04.99
				08.96 - 04.99

DB2040UL

SEAT

Toledo	1L2	4	2.0	05.91 - 06.96
				03.94 - 03.99
				03.96 - 03.99

VW (VOLKSWAGEN)

Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
			6	2.8
Vento	1H2	4	2.0	07.95 - 03.97

DB2042UL

AUDI

A3	8L1	4	1.6	09.96 - 06.99
			1.8	09.96 - 06.99
				12.96 - 06.99
				08.98 - 06.99

A3 Quattro	8L1	4	1.8	08.97 - 06.99
				08.98 - 06.99

TT	8N3	4	1.8	07.98 - 08.00
				07.98 - 08.01
				09.00 - 05.05
				09.00 - 06.06

TT Quattro Roadster	8N9	4	1.8	03.99 - 08.01
				09.00 - 05.05
				09.00 - 06.06

TT Roadster	8N9	4	1.8	08.00 - 06.06
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VW (VOLKSWAGEN)

Bora	1J2	4	2.0	09.98 - 04.99
		5	2.3	09.98 - 04.99
				01.99 - 04.99

Golf III	1H1	4	1.8	10.95 - 12.97
			2.0	04.94 - 09.94
				10.94 - 12.97
			6	2.8

Golf IV	1J1	4	1.6	10.97 - 04.99
				01.98 - 04.99
			1.8	10.97 - 04.99
			2.0	08.98 - 04.99

New Beetle	1C1, 9C1	4	2.0	01.98 - 05.99
				11.98 - 05.99

Passat	31, 35, 3A, 3A5, 3A2	6	2.8	08.95 - 03.97
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Vento	1H2	4	2.0	07.95 - 03.97
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DB2044UL

AUDI

A4	8D2, B5	4	1.8	11.94 - 07.98	
				08.97 - 12.98	
			6	2.4	08.97 - 07.98
				2.6	11.94 - 07.98
				2.8	03.96 - 12.98



A4 Avant	8D5, B5	4	1.8	10.95 - 07.98
				08.97 - 12.98
			6	2.4
			2.6	11.94 - 07.98
			2.8	03.96 - 07.98

A4 Quattro	8D2, B5	4	1.8	11.94 - 10.96	
					11.94 - 12.98
				6	2.4
			2.8	03.96 - 07.98	

A4 Quattro Avant	8D5, B5	4	1.8	11.94 - 10.96	
					08.97 - 12.98
				6	2.6
			2.8	03.96 - 07.98	

VW (VOLKSWAGEN)

Passat	3B2	4	1.8	10.96 - 11.00
				12.96 - 01.99
				08.98 - 11.00
				01.99 - 11.00
				02.99 - 11.00
				5

				06.97 - 11.00
			6	2.8
				01.97 - 11.00
				06.97 - 11.00

	3B5	4	1.8	01.99 - 11.00		
				02.99 - 11.00		
				5	2.3	09.97 - 11.00
				6	2.8	06.97 - 11.00

DB2048UL

AUDI

A3	8L1	4	1.6	07.99 - 06.01		
				05.00 - 04.02		
					1.8	05.02 - 06.03
						07.99 - 05.00

				07.99 - 06.01
				07.99 - 04.03
				07.99 - 06.03
				05.00 - 06.03

A3 Quattro	8L1	4	1.8	07.99 - 08.00
S3	8L1	4	1.8	08.98 - 08.00
				08.01 - 06.03

TT	8N3	4	1.8	07.98 - 08.00
				07.98 - 08.01
				09.00 - 05.05
				09.00 - 06.06
				01.01 - 06.06

TT Quattro Roadster	8N9	4	1.8	03.99 - 08.01
				09.00 - 05.05
				09.00 - 06.06

TT Roadster	8N9	4	1.8	08.00 - 06.06
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VW (VOLKSWAGEN)

Bora	1J2	4	2.0	09.98 - 05.05		
				05.99 - 05.05		
				5	2.3	09.98 - 02.01
						01.99 - 02.01
						05.99 - 02.01

				09.00 - 05.05
			6	2.8
				01.00 - 04.01
				05.01 - 05.05
	1J6	5	2.3	05.00 - 02.01



Golf IV	1J1	4	1.6	05.99 - 09.03								
				05.99 - 05.04								
				09.00 - 05.04								
				1.8								
				10.97 - 10.00								
				10.97 - 05.03								
				05.99 - 10.00								
				05.99 - 05.03								
				2.0								
				08.98 - 05.04								
New Beetle	1C1, 9C1	4	1.6	06.00 - 06.05								
				06.02 →								
				1.8								
				06.00 - 06.04								
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05								
				01.03 →								
				New Beetle 2.0	1C1, 9C1	4	2.0	06.01 →				
								Polo	9N1	4	1.4	09.01 - 05.04
												9N2
								9N3	4	1.4	04.05 - 05.07	
											1.6	05.06 →
											1.9	04.05 →
								Polo 1.4 FSI	9N3	4	1.4	05.06 →

DB2050UL

AUDI

A3	8L1	4	1.6	07.99 - 06.01
				05.00 - 04.02
				05.02 - 06.03
				1.8
				07.99 - 05.00
				07.99 - 06.01
				07.99 - 04.03
				07.99 - 06.03
				05.00 - 06.03
				8PA
8P1	4	1.6	05.03 - 05.05	
			06.05 →	
A3 Quattro	8L1	4	1.8	07.99 - 08.00

VW (VOLKSWAGEN)

Bora	1J2	4	2.0	05.99 - 05.05
				5
				2.3
				05.99 - 02.01
				09.00 - 05.05
				6
1J6	5	2.3	05.00 - 02.01	01.00 - 04.01
				05.01 - 05.05
				05.00 - 02.01
Caddy	2KA, 2KB	4	1.9	02.04 →
				Caddy 1.9 TDI
Golf IV	1J1	4	1.6	07.03 - 02.04
				05.99 - 05.04
				09.00 - 05.04
				1.8
Golf V	1K1	4	1.6	05.99 - 10.00
				05.99 - 05.03
				2.0
				05.99 - 05.04
				1.6
				01.04 - 05.05
				1.9
				10.03 - 02.06
				2.0
				10.03 →
08.04 - 11.05				
12.04 →				
Golf V 1.4 TSI	1K1	4	1.4	11.05 →
				Golf V 1.9 TDI
Golf V 2.0 FSI	1K1	4	2.0	11.05 →
				Golf V 2.0 TDI
Golf V 2.0 TDI	1K5	4	2.0	05.07 →
				Variant
Jetta	08.05 →			
09.05 →				
10.05 - 11.05				
10.05 →				



New Beetle	1C1, 9C1	4	1.6	06.00 - 06.05			
				06.02 →			
				1.8			
				06.00 - 06.04			
				10.00 →			
				1.9			
2.0	06.99 - 10.01						
		06.99 - 06.05					
New Beetle Cabriolet	1Y7	4	2.0	01.03 - 06.05			
				01.03 →			
New Beetle 2.0	1C1, 9C1	4	2.0	06.01 →			
				Polo	9N1	4	1.4
9N2	4	1.4	07.03 →				
			9N3				
Polo 1.4 FSI	9N3	4		1.4	05.06 →		
			04.05 →				
			05.06 →				

DB2052UL

AUDI

A4	8D2, B5	4	1.8	10.96 - 12.98				
				A4 Quattro	8D2, B5	4	1.8	10.96 - 12.98
								A4 Quattro Avant

VW (VOLKSWAGEN)

Passat	3B2	4	1.8	10.96 - 04.99
				12.96 - 01.99
				08.98 - 04.99
				01.99 - 04.99
				02.99 - 04.99
				5
				2.3
				10.96 - 04.99
				06.97 - 04.99
				6
2.8				
01.97 - 04.99				
06.97 - 04.99				
3B5	4	1.8	1.8	01.99 - 04.99
				02.99 - 04.99
				5
				2.3
				09.97 - 04.99
				6
2.8				
06.97 - 04.99				

DB2054UL

VW (VOLKSWAGEN)

Caravelle	70	0	2.5	05.99 - 06.03					
				4					
				2.0					
				05.99 - 06.03					
5	2.5	05.99 - 06.03	05.00 - 06.03	6					
					Transporter	7D	5	2.5	05.99 - 06.03
									04.01 - 06.03
					70	4	2.0	05.99 - 06.03	5
2.5	05.99 - 06.03	04.01 - 06.03							
			04.01 - 06.03						

DB2056UL

VW (VOLKSWAGEN)

Caravelle	70	0	2.5	05.99 - 06.03					
				4					
				2.0					
				05.99 - 06.03					
5	2.5	05.99 - 06.03	05.00 - 06.03	6					
					Transporter	7D	5	2.5	05.99 - 06.03
									04.01 - 06.03
					70	4	2.0	05.99 - 06.03	5
2.5	05.99 - 06.03	04.01 - 06.03							
			04.01 - 06.03						



DB2058UL

VW (VOLKSWAGEN)				
Caravelle	70	0	2.5	05.99 - 06.03
		4	2.0	05.99 - 06.03
		5	2.5	05.99 - 06.03
		6	2.8	05.00 - 06.03
Transporter	7D	5	2.5	05.99 - 06.03 04.01 - 06.03
		70	4	2.0
		5	2.5	05.99 - 06.03 04.01 - 06.03

DB2060UL

AUDI				
80	8C2, B4	4	2.0	09.91 - 07.92
		5	2.3	09.91 - 07.92
	89, 8A2, B3	4	1.8	09.86 - 12.91
			1.9	09.87 - 07.88
		2.0	08.88 - 10.90	
80 Quattro	8C2, B4	5	2.3	09.91 - 07.92
	89, 8A2, B3	4	1.9	04.87 - 07.88
90	89, 8A2, B3	5	2.3	04.87 - 12.91
90 Quattro	89, 8A2, B3	5	2.3	04.87 - 09.91
100	44, 44Q, C3	4	1.8	08.82 - 10.86
		5	1.9	08.82 - 07.84
		2.2	08.82 - 07.84	
			08.84 - 12.88	
		09.84 - 12.90		
		2.3	08.86 - 11.90	
100 Quattro	44, 44Q, C3	5	2.2	08.84 - 12.85
200	43, C2	5	2.1	08.81 - 09.82
	44, C3	5	2.2	08.83 - 12.85
				08.85 - 12.85
200 Quattro	44, C3	5	2.2	01.85 - 12.90

DB2062UL

SEAT				
Cordoba	6K2	4	1.8	07.94 - 11.95
			2.0	09.93 - 11.95
Ibiza	6K1	4	1.4	09.93 - 11.95
			2.0	03.93 - 11.95

VW (VOLKSWAGEN)				
Golf II	19, 1G	4	1.8	07.90 - 11.92

DB2072UL

PORSCHE				
924 Turbo		4	2.0	01.81 - 06.82
928		8	4.5	05.77 - 07.82
944		4	2.5	07.81 - 12.84
				01.85 - 07.87
			2.7	11.88 - 07.89

DB2074UL

MG				
MGF		4	1.8	10.95 - 03.02
MGTF		4	1.8	03.02 - 05.05



DB2076UL

ALFA ROMEO				
Alfa 164	164	6	3.0	04.88 - 09.92 09.90 - 09.92

DB2080UL

ALFA ROMEO				
Alfa 33	907	4	1.7	01.90 - 03.92 06.90 - 10.94

DB2082UL

FORD				
Mondeo	97	6	2.5	08.96 - 11.97

DB2090UL

CITROEN				
Xantia	X1	4	2.0	12.94 - 01.98
		4	2.0	12.97 - 12.01
Xantia Break	X1	4	2.0	09.95 - 01.98

DB2098UL

FORD				
Cougar		6	2.5	08.98 - 12.00
Mondeo	93	4	2.0	03.95 - 07.96
	97	4	2.0	08.96 - 09.00 08.98 - 09.00
		6	2.5	12.97 - 09.00

DB2100UL

VW (VOLKSWAGEN)				
Polo	6N1	4	1.6	10.96 - 12.99
	6N2	4	1.4	01.99 - 09.01
	9N3	4	1.4	04.05 - 05.07
				1.6
			1.9	04.05 →
Polo 1.4 FSI	9N3	4	1.4	05.06 →

DB2102UL

CHRYSLER				
Neon	PL	4	1.8	09.97 - 12.97
			2.0	06.94 - 12.97
Voyager	GS	6	3.3	01.97 - 12.99

DB2104UL

PEUGEOT				
205		4	1.6	11.90 - 09.98
			1.9	10.87 - 10.94
				10.87 - 09.98
306	N3	4	1.8	01.93 - 04.97
			1.9	05.93 - 04.97
		4	1.8	05.97 - 10.03
			1.9	05.97 - 10.03
306CC	N3	4	1.8	01.93 - 04.97

**DB2106UL****FIAT**

Croma	154..	4	2.0	03.88 - 12.89
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DB2108UL**CITROEN**

XM	Y3	6	3.0	05.89 - 03.91
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DB2110UL**CITROEN**

XM	Y3	6	3.0	03.91 - 06.93
				06.93 - 06.94
	Y4	6	3.0	07.94 - 12.97

PEUGEOT

605	Y30	6	3.0	07.93 - 05.99
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DB2114UL**VOLVO**

440		4	2.0	10.93 - 12.96
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DB2116UL**CITROEN**

AX		4	1.4	06.88 - 05.90
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DB2118UL**CITROEN**

Xantia	X1	4	2.0	03.93 - 01.98
	X2			12.97 - 12.01

DB2130UL**SMART (MCC)**

FORTWO		3	0.7	02.04 - 03.07
Roadster		3	0.7	04.03 - 11.05
Smart		3	0.7	01.03 - 01.04

DBCVP002UL**MERCEDES-BENZ**

Vario	WT2W	4	4.2	09.96 - 01.01 01.01 - 09.06
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S776QS**FORD**

Fairlane	ZA	6	3.3	03.67 - 02.68
		8	4.7	03.67 - 02.68
	ZB	6	3.3	03.68 - 06.69
		8	4.9	03.68 - 06.69
	ZC	6	3.6	07.69 - 10.70
		8	5.0	07.69 - 10.70
			5.8	07.69 - 10.70



Fairlane	ZD	6	4.1	11.70 - 03.72		
		8	4.9	11.70 - 03.72		
			5.8	11.70 - 03.72		
Falcon / Fairmont	XA	6	3.3	03.72 - 10.73		
			4.1	03.72 - 10.73		
		8	4.9	03.72 - 10.73		
				5.8	03.72 - 10.73	
		XK	6	2.3	09.60 - 07.62	
	XL	6		2.3	08.62 - 01.64	
					2.8	08.62 - 01.64
	XM	6		2.3	02.64 - 03.65	
					2.8	02.64 - 03.65
					3.3	02.64 - 03.65
	XP	6		2.3	04.65 - 08.66	
					2.8	04.65 - 08.66
3.3					04.65 - 08.66	
XR	6		2.8	09.66 - 02.68		
				3.3	09.66 - 02.68	
				8	4.8	09.66 - 02.68
XT	6		3.1	03.68 - 05.69		
				3.6	03.68 - 05.69	
				8	5.0	03.68 - 05.69
XW	6		3.1	06.69 - 12.70		
				8	5.0	06.69 - 12.70
					5.8	06.69 - 12.70
XY	6		3.3	01.71 - 02.72		
				4.1	01.71 - 02.72	
				8	4.9	01.71 - 02.72
			5.8	01.71 - 02.72		

7532QS**FORD**

Explorer	6	4.0	11.96 - 05.99
			06.99 - 09.01
			10.01 - 10.03

7545AQS**FORD**

Explorer	6	4.0	11.96 - 05.99
			06.99 - 09.01
			10.01 - 10.03

7690QS**FORD**

Focus	4	1.8	08.98 - 05.05
		2.0	08.98 - 05.05

Cross Reference



D2 | Cross Reference - 10 Digit to Short Order No.

10 Digit. Part No	Short Order No.	10 Digit. Part No	Short Order No.	10 Digit. Part No	Short Order No.	10 Digit. Part No	Short Order No.
0 986 AB4 000	DB2QS	0 986 AB4 056	DB1397QS	0 986 AB4 112	DB1474QS	0 986 AB4 170	DB1481QS
0 986 AB4 001	DB1130QS	0 986 AB4 057	DB422QS	0 986 AB4 113	DB1475QS	0 986 AB4 171	DB1484QS
0 986 AB4 002	DB6QS	0 986 AB4 058	DB427QS	0 986 AB4 114	7532QS	0 986 AB4 172	DB1485QS
0 986 AB4 003	DB1131QS	0 986 AB4 059	DB429QS	0 986 AB4 115	7545AQ	0 986 AB4 173	DB1487QS
0 986 AB4 004	DB14QS	0 986 AB4 061	DB1422QS	0 986 AB4 116	7690QS	0 986 AB4 174	DB1493QS
0 986 AB4 005	DB1146QS	0 986 AB4 062	DB1429QS	0 986 AB4 117	DB1168QS	0 986 AB4 175	DB1503QS
0 986 AB4 006	DB39QS	0 986 AB4 063	DB1431QS	0 986 AB4 118	DB1175QS	0 986 AB4 176	DB1507QS
0 986 AB4 007	DB40QS	0 986 AB4 064	DB442QS	0 986 AB4 119	DB1176QS	0 986 AB4 177	DB1252QS
0 986 AB4 008	DB85QS	0 986 AB4 065	DB525QS	0 986 AB4 120	DB1187QS	0 986 AB4 178	DB1515QS
0 986 AB4 009	DB86QS	0 986 AB4 066	DB538QS	0 986 AB4 121	DB1147QS	0 986 AB4 179	DB1255QS
0 986 AB4 010	DB87QS	0 986 AB4 067	DB549QS	0 986 AB4 122	DB1215QS	0 986 AB4 180	DB1665QS
0 986 AB4 011	DB1148QS	0 986 AB4 068	DB585QS	0 986 AB4 123	DB1149QS	0 986 AB4181	DB1674QS
0 986 AB4 012	DB122QS	0 986 AB4 069	DB1432QS	0 986 AB4 124	DB1155QS	0 986 AB4182	DB1675QS
0 986 AB4 013	DB138QS	0 986 AB4 070	DB625QS	0 986 AB4 125	DB1230QS	0 986 AB4 183	DB1679QS
0 986 AB4 015	DB1270QS	0 986 AB4 071	DB1433QS	0 986 AB4 126	DB1158QS	0 986 AB4 184	DB1267QS
0 986 AB4 016	DB153QS	0 986 AB4 073	DB1004QS	0 986 AB4 127	DB1159QS	0 986 AB4 185	DB1682QS
0 986 AB4 017	DB170QS	0 986 AB4 074	DB1023QS	0 986 AB4 128	DB1241QS	0 986 AB4 186	DB1686QS
0 986 AB4 018	DB191QS	0 986 AB4 075	DB1024QS	0 986 AB4 129	DB1285QS	0 986 AB4 187	DB1724QS
0 986 AB4 019	DB208QS	0 986 AB4 076	DB1025QS	0 986 AB4 131	DB1164QS	0 986 AB4 189	DB1275QS
0 986 AB4 020	DB1280QS	0 986 AB4 077	DB1026QS	0 986 AB4 132	DB1165QS	0 986 AB4 190	DB296UQS
0 986 AB4 021	DB225QS	0 986 AB4 078	DB1028QS	0 986 AB4 133	DB1166QS	0 986 AB4 191	DB1277QS
0 986 AB4 022	DB241QS	0 986 AB4 079	DB1029QS	0 986 AB4 134	DB1167QS	0 986 AB4 192	DB300QS
0 986 AB4 023	DB1323QS	0 986 AB4 080	DB1032QS	0 986 AB4 135	DB1322QS	0 986 AB4 193	DB425QS
0 986 AB4 024	DB1333QS	0 986 AB4 081	DB1045QS	0 986 AB4 136	DB1325QS	0 986 AB4 196	DB843QS
0 986 AB4 025	DB1342QS	0 986 AB4 082	DB1046QS	0 986 AB4 137	DB1326QS	0 986 AB4 197	S788QS
0 986 AB4 026	DB288QS	0 986 AB4 083	DB1075QS	0 986 AB4 138	DB1330QS	0 986 AB4 198	DB1297QS
0 986 AB4 027	DB292QS	0 986 AB4 084	DB1076QS	0 986 AB4 140	DB1361QS	0 986 AB4 201	DB1302QS
0 986 AB4 028	DB296QS	0 986 AB4 085	DB1078QS	0 986 AB4 141	DB1177QS	0 986 AB4 212	DB1331QS
0 986 AB4 029	DB297QS	0 986 AB4 086	DB1085QS	0 986 AB4 142	DB1363QS	0 986 AB4 213	DB1332QS
0 986 AB4 030	DB1365QS	0 986 AB4 087	DB1086QS	0 986 AB4 143	DB1185QS	0 986 AB4 219	DB1347QS
0 986 AB4 031	DB304QS	0 986 AB4 088	DB1088QS	0 986 AB4 144	DB1364QS	0 986 AB4 221	DB1350QS
0 986 AB4 032	DB306QS	0 986 AB4 089	DB1091QS	0 986 AB4 145	DB1366QS	0 986 AB4 230	DB1368QS
0 986 AB4 033	DB308QS	0 986 AB4 090	DB1094QS	0 986 AB4 146	DB1369QS	0 986 AB4 231	DB1375QS
0 986 AB4 034	DB318QS	0 986 AB4 091	DB1095QS	0 986 AB4 147	DB1388QS	0 986 AB4 232	DB1376QS
0 986 AB4 035	DB319QS	0 986 AB4 092	DB1436QS	0 986 AB4 148	DB1391QS	0 986 AB4 239	DB1473QS
0 986 AB4 036	DB321QS	0 986 AB4 093	DB1103QS	0 986 AB4 149	DB1199QS	0 986 AB4 245	DB1370QS
0 986 AB4 038	DB326QS	0 986 AB4 094	DB1104QS	0 986 AB4 150	DB1200QS	0 986 AB4 246	DB1373QS
0 986 AB4 039	DB438QS	0 986 AB4 095	DB1105QS	0 986 AB4 151	DB1203QS	0 986 AB4 247	DB293QS
0 986 AB4 040	DB340QS	0 986 AB4 096	DB1106QS	0 986 AB4 152	DB1204QS	0 986 AB4 248	DB29QS
0 986 AB4 041	DB1132QS	0 986 AB4 097	DB1449QS	0 986 AB4 153	DB1205QS	0 986 AB4 249	DB441QS
0 986 AB4 042	DB388QS	0 986 AB4 098	DB1108QS	0 986 AB4 154	DB1206QS	0 986 AB4 250	DB1111QS
0 986 AB4 043	DB1171QS	0 986 AB4 099	DB1109QS	0 986 AB4 155	DB1405QS	0 986 AB4 251	DB1112QS
0 986 AB4 044	DB1198QS	0 986 AB4 100	DB1110QS	0 986 AB4 156	DB1409QS	0 986 AB4 252	DB1129QS
0 986 AB4 045	DB1242QS	0 986 AB4 101	DB1450QS	0 986 AB4 157	DB1414QS	0 986 AB4 253	DB1133QS
0 986 AB4 046	DB1311QS	0 986 AB4 102	DB1452QS	0 986 AB4 158	DB1426QS	0 986 AB4 254	DB1141QS
0 986 AB4 047	DB402QS	0 986 AB4 103	DB1113QS	0 986 AB4 161	DB1451QS	0 986 AB4 255	DB1142QS
0 986 AB4 048	DB1312QS	0 986 AB4 104	DB1114QS	0 986 AB4 162	DB1454QS	0 986 AB4 256	DB1163QS
0 986 AB4 049	DB406QS	0 986 AB4 105	DB1115QS	0 986 AB4 163	DB1455QS	0 986 AB4 257	DB1169QS
0 986 AB4 050	DB407QS	0 986 AB4 106	DB1116QS	0 986 AB4 164	DB1223QS	0 986 AB4 258	DB1170QS
0 986 AB4 051	DB1334QS	0 986 AB4 107	DB1117QS	0 986 AB4 165	DB1464QS	0 986 AB4 259	DB1172QS
0 986 AB4 052	DB409QS	0 986 AB4 108	DB1118QS	0 986 AB4 166	DB1228QS	0 986 AB4 260	DB1180QS
0 986 AB4 053	DB410QS	0 986 AB4 109	DB1466QS	0 986 AB4 167	DB1471QS	0 986 AB4 261	DB1186QS
0 986 AB4 054	DB414QS	0 986 AB4 110	DB1124QS	0 986 AB4 168	DB1472QS	0 986 AB4 262	DB1191QS
0 986 AB4 055	DB1336QS	0 986 AB4 111	DB1125QS	0 986 AB4 169	DB1231QS	0 986 AB4 263	DB1192QS

10 Digit. Part No	Short Order No.
0 986 AB4 264	DB1208QS
0 986 AB4 265	DB1209QS
0 986 AB4 266	DB1211QS
0 986 AB4 267	DB1216QS
0 986 AB4 268	DB1219QS
0 986 AB4 269	DB1220QS
0 986 AB4 270	DB1224QS
0 986 AB4 271	DB1229QS
0 986 AB4 272	DB1232QS
0 986 AB4 273	DB1236QS
0 986 AB4 274	DB1238QS
0 986 AB4 275	DB1239QS
0 986 AB4 276	DB1244QS
0 986 AB4 277	DB1245QS
0 986 AB4 278	DB1247QS
0 986 AB4 279	DB1249QS
0 986 AB4 280	DB1254QS
0 986 AB4 281	DB1259QS
0 986 AB4 282	DB1261QS
0 986 AB4 283	DB1262QS
0 986 AB4 284	DB1265QS
0 986 AB4 285	DB1271QS
0 986 AB4 286	DB1273QS
0 986 AB4 287	DB1281QS
0 986 AB4 288	DB1286QS
0 986 AB4 289	DB1291QS

10 Digit. Part No	Short Order No.
0 986 AB4 290	DB1299QS
0 986 AB4 291	DB1304QS
0 986 AB4 292	DB1308QS
0 986 AB4 293	DB1313QS
0 986 AB4 294	DB1318QS
0 986 AB4 295	DB1335QS
0 986 AB4 296	DB1345QS
0 986 AB4 297	DB1351QS
0 986 AB4 298	DB1358QS
0 986 AB4 299	DB1359QS
0 986 AB4 300	DB1362QS
0 986 AB4 301	DB1367QS
0 986 AB4 302	DB1372QS
0 986 AB4 303	DB1378QS
0 986 AB4 304	DB1379QS
0 986 AB4 305	DB1389QS
0 986 AB4 306	DB1424QS
0 986 AB4 307	DB1425QS
0 986 AB4 308	DB243QS
0 986 AB4 309	DB279QS
0 986 AB4 310	DB325QS
0 986 AB4 311	DB390QS
0 986 AB4 312	DB403QS
0 986 AB4 313	DB408QS
0 986 AB4 314	DB413QS
0 986 AB4 315	DB418QS

10 Digit. Part No	Short Order No.
0 986 AB4 316	DB426QS
0 986 AB4 317	DB430QS
0 986 AB4 318	DB437QS
0 986 AB4 319	DB521QS
0 986 AB4 320	DBS776QS

Special Cases



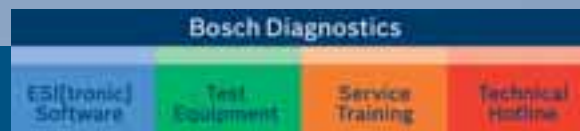
14Z	Rim diameter 14 inch	LFS	Floating caliper brake, Lucas
15Z	Rim diameter 15 inch	LIM	For Saloon
16Z	Rim diameter 16 inch	LUC	Interchangeable Bosch product or part for Lucas
1LA	Brake disk 239 x 10 mm	MEH	With one retaining pin
1LM	Brake disk 239 x 12 mm	MFD	For vehicles with ESP (electronic stability program)
1LO	Brake disk 269 x 22 mm	MND	For Mando system
1LX	Brake disk 239 x 18 mm	MVB	For vehicles with brake lining wear indicator
1LY	Brake disk 256 x 20 mm	MZH	With two retaining pins
1QR	Brake disk diameter 300 mm	NAA	Not for all-wheel drive
228	Brake disk 280 x 22 mm	NBH	Not for official vehicle
232	Brake disk 232 x 9 mm	NKN	Not for Koni sports running gear
239	Brake disk 239 x 20 mm	NOR	Standard version
252	Brake disk 256 x 22 mm	OAS	For vehicles without TCS (traction control system)
255	Brake disk 255 x 10 mm	OBB	For vehicles without brake lining wear indicator
256	Brake disk 256 x 13 mm	OFD	For vehicles without ESP (electronic stability program)
280	Brake disk 280 x 12 mm	OFS	For vehicles without active roll angle control
281	Brake disk 282 x 18 mm	OSS	For vehicles without special protection (non-armoured)
282	Brake disk 282 x 25 mm	OTP	For vehicles without AMG technology package
284	Brake disk 280 x 24 mm	OVA	Without wear indicator
288	Brake disk 288 x 25 mm	PBR	Interchangeable Bosch product or part for PBR
2D5	Brake disk diameter 254 mm	PEO	For Perrot brake/system
312	Brake disk diameter 312 mm	SBR	For vehicles with disk brakes
316	Brake disk diameter 316 mm	SP	Sport
323	Brake disk 323 x 30 mm	SSB	Floating caliper brake
AA	All-wheel drive	SSR	For vehicles with steel rims
ABF	Asbestos-free	STB	For vehicles with front disk brakes and rear drum brakes
ABO	For vehicles without ABS	STT	Standard type
ABS	For vehicles with ABS	SUM	For Sumitomo system
AG	For vehicles with automatic transmission	TEX	For Textar system
AKE	For AKEBONO system	TKO	For vehicles with traction control
ALU	Vehicle with aluminum rims	TLV	Turbo-look version
AOS	For vehicles with ABS, without TCS	TW	Product installed must be determined on vehicle or engine.
ASR	For vehicles with TCS (traction control system)	VEA	Heavy-duty version
ATE	For ATE system (Teves)	VWW	For VW system
ATP	For vehicles with AMG technology package	WAR	Provision for warning device
B17	Rim diameter 17 inch	WW	Optional
B27	Brake disk diameter 276 mm	XXX	Available while stocks last
B28	Brake disk diameter 280 mm	ZWZ	Brake caliper, two cylinders
BKS	Steel brake disk		
BKV	For vehicles with brake booster		
BRB	For Brembo system		
BSY	For Bosch brake system		
BVA	With wear indicator		
BWW	For Bosch and Bendix system, optional		
CIT	For Citroen system		
DEP	For Delphi system		
EIZ	Brake caliper, one cylinder		
ERH	For vehicles with increased payload		
FDO	For Ferodo system		
FES	Fixed caliper brake		
FKR	For vehicles with short wheelbase		
FLR	For vehicles with long wheelbase		
FMS	For vehicles with special protection (armoured)		
FSB	Floating caliper brake		
GFS	For Girling system with floating caliper brake		
GHI	Ghia version		
GIR	For Lucas-Girling system		
GRL	Interchangeable Bosch product or part for Girlock		
GS	For vehicles with manual transmission		
INB	Ventilated brake disk		
INO	Non-ventilated brake disk		
JUR	For Jurid system		
KEL	For Kelsey-Hayes system		
KNI	For Koni sports running gear		
KOB	For station wagon		



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