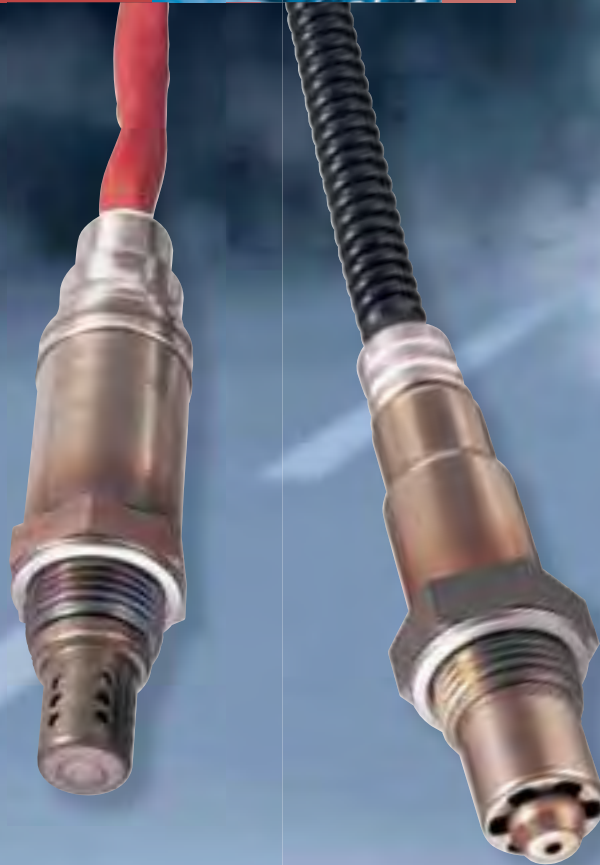


Direct Fit and Universal Applications  
Includes Diesel Passenger Cars



**Oxygen Sensors**

**2009 | 2010**



**BOSCH**

# Invented for Life



From the very beginning, Bosch's history has been characterised by a drive for innovation and social commitment. Environmental and social responsibilities are core values at Bosch. Our slogan "Invented for life" conveys the ambitious standards we have set ourselves and the values that we have long stood for. "Invented for life" stands for reliable technology designed and built to last. At the same time it embodies innovations and technology that contribute to the conservation of resources, sustainable development, and helping people improve their quality of life.

The Robert Bosch Stiftung (Robert Bosch Foundation) was established in 1964 to keep alive the philanthropic and social endeavours of its founder Robert Bosch. Through its programs and institutes, the foundation has since issued 840 million euros in project funds. In 2007, it made available 58.9 million euros for non-profit projects. Education, international understanding, and public welfare are the top priorities stated in Robert Bosch's will and are the pillars of our work today.

Responsibility for the environment is a core value at Bosch and is firmly anchored in our principles for safety and environmental

protection. Our environmental focuses are on renewable energies, energy efficiency, and emissions reduction. At Bosch we believe we have an obligation to develop innovative and beneficial technology and in order to meet such demands, considerable amounts of money are spent each year on research and development. We employ more than 25,000 research and development associates worldwide, all working towards the creation of technology that is innovative, beneficial and environmentally friendly.

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# Oxygen Sensors

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## The Bosch Automotive Story



**The Bosch Group is a leading global supplier of technology and services, with more than 300 subsidiaries and regional companies in over 50 countries.**

The beginnings were humble. In 1898 Robert Bosch developed a magneto ignition device and adapted it to suit a vehicle engine. In doing this he developed the first reliable ignition system, solving one of the greatest technical problems faced by the automotive industry at that time. This key innovation was the first chapter in the success story of Bosch as an automotive supplier.

From 1902 Bosch developed a high voltage magneto ignition system incorporating spark plugs. While the magneto ignition has long since been replaced by battery ignition systems, Bosch today manufactures more than 300 million spark plugs per year, using the very latest precious metal technology.

As cars became a product for the masses, Bosch recognised the prospects for developing motor vehicle lighting. Research in this area resulted in the launch of the Bosch automotive lighting system, comprising of headlights, a generator, a regulator and a battery. This was a significant milestone for both Bosch and the industry, being the first all-in-one system available to consumers, and also the basis for components such as starters, horns, windshield wipers, indicators and car heating systems to be developed and added to the business.

From about 1920, the growth of diesel engines in trucks was a concern at Bosch, because diesel engines did not need an ignition system, the company's main sales driver. To capitalise on this technological advance, Bosch began developing diesel injection pumps and in 1936 launched the first diesel injection pump for passenger cars. Today, Bosch is the global leader in diesel technology, whether it be for passenger cars, trucks or injection systems for ships.

In the years that followed, Bosch made numerous developments with other automotive products. Gasoline injection systems were developed from

1935 and by 1967 had all but displaced the carburettor. Braking systems have also been part of the Bosch offering since 1927. The introduction of the Bosch ABS antilock braking system in 1978 was a significant development in vehicle safety, laying a foundation for the development of further systems, such as Traction Control and the Electronic Stability Program (ESP®).

In today's market, vehicle manufacturers and service organisations face the worldwide challenge of efficient service for highly evolved vehicle systems. This includes not only mastering the electronic systems in today's automobiles, but also utilising the latest state-of-the-art diagnostics technologies to improve servicing efficiencies. The growing range of Bosch diagnostic and service equipment delivers a sophisticated solution for today's workshops to meet these challenges.

Bosch spends billions of dollars annually in research and development to preserve its position as a technological leader. The company's technological competence is evident in the fact that Bosch is world leader in the number of automotive technology patent applications it submits each year. Every hour Bosch research teams create new patents to make Bosch products safer, more efficient and more environmentally friendly.

As one of the world's largest independent manufacturers of automotive parts and systems, Bosch products and technology, supplied through a global network of factories, can be found on virtually every make of car currently produced throughout the world. This strong link to original equipment development and innovation means Bosch is able to deliver a superior aftermarket offering to its customers.

With most vehicles on the road incorporating many Bosch manufactured components, it made sense for Bosch to support these products with local service centres. Bosch Authorised Service Dealers are a group of over 14,000 independent workshops worldwide, offering the latest technical expertise, tools and equipment to motorists.





In just over a hundred years, Bosch successfully transformed from a small automotive supplier into a modern, multinational group, which today has a workforce of more than 270,000 people worldwide.

Bosch employs over 2,300 associates in Australia and New Zealand with activities spanning three business sectors: Automotive Technology, Consumer Goods and Building Materials, and Industrial Technology.

During the past five decades Bosch has grown into a major force in the Australian automotive industry. Today, Robert Bosch Australia is no longer a local company manufacturing automotive components only for Australian customers. It is truly an integrated member of the Bosch global network supplying overseas customers in Europe, Asia and America.

In the automotive industry the name Bosch is now synonymous with leading technology, sophisticated service solutions and high quality replacement parts.



## The Modern Oxygen Sensor



Bosch pioneered the invention of the oxygen sensor in the early 1970's drawing upon experience in the technology of high temperature ceramics developed from many years of spark plug development. The oxygen sensor's first vehicle application came in 1976 used on a K-Jetronic equipped Volvo 260 Series for the Californian market.

This was the start of one of the most widely used emission control devices in automotive history.

Since then, Bosch has produced over 500 million oxygen sensors worldwide, supplying the majority of global vehicle manufacturers. Currently Bosch produces approximately 40 million oxygen sensors per year in plants located in Germany and the USA.

As a major worldwide developer of automotive technology, Bosch has continually improved the design and function of engine management systems to optimise oxygen sensor functionality and constantly improve vehicle exhaust emissions whilst improving overall vehicle performance.

Evolution of the sensor over the years has resulted in many design improvements in both operation and replacement intervals. Starting as a simple single wire sensor, developments include the introduction of improved earth circuits, heating elements to stabilise sensor temperature and now "planar" design sensors delivering superior sensitivity and accuracy as well improved service life.



Vehicle emissions are a major factor in the design of new vehicles. Bosch research and development in the area of engine management system and product technology has seen the introduction of “Broadband” oxygen sensors, providing increased scope of operation of the oxygen sensor for control of mixture values outside of the normal control range. Recent years have seen many changes in the Australian vehicle market. In early 2006, stringent Euro III vehicle emission standards were implemented, further assisting in the reduction of harmful vehicle emissions and greenhouse gas emissions from motor vehicles. Due to this requirement, there is a significant increase in the amount of new vehicles utilising “Broadband” oxygen sensor technology as well as the implementation of Control (pre catalyst) and Diagnosis (post catalyst) oxygen sensor system configuration, resulting in an increase in the number of

oxygen sensors installed in the vehicle. The monitoring and function of the oxygen sensor is now more than ever a major influence in engine management system operation. More focus must be placed on the regular testing and replacement of faulty oxygen sensors to maintain optimal vehicle performance.

Diesel powered cars now make up approximately 20% of all new passenger vehicle sales. Many of these modern common rail diesel systems also utilise the latest design evolution of Bosch “Broadband” oxygen sensor, the LSU 4.9 series. These units provide fast accurate data to the engine management system, are able to withstand the different environmental conditions experienced with diesel applications as well as offering superior service life.



# Bosch Oxygen Sensor Design Types



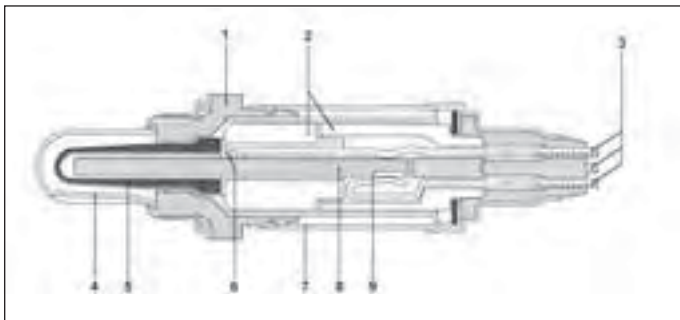
In the process of constant product improvement, Bosch has created many different oxygen sensor design types to meet the various requirements of our Original Equipment customers. As global emission legislation has become increasingly important in engine management system design, Bosch has produced oxygen sensors with higher accuracy, faster light off times and superior service life.

### Thimble Type Sensors (Type Code LS, LSH, LSM 11)

So called due to the design of the ceramic sensor element used. These sensors can be constructed in various formats from simple single wire sensors to heated four wire sensors with either ground isolated or grounded cases. Using a patented "Platinum Grid" design thimble these sensors are manufactured in the following formats:

**Single Wire Sensor** - the original design, sensor output voltage via the single pole connector, grounded via the sensor body.

**Two Wire Sensor** - for improved earth reference of sensor output signal, a reference wire is also connected between control unit and sensor.



#### Typical Heated Sensor

- 1 = Sensor housing
- 2 = Ceramic support tube
- 3 = Electrical connections
- 4 = Protective tube with slots
- 5 = Active sensor ceramic
- 6 = Contact element
- 7 = Protective sleeve
- 8 = Heating element
- 9 = Clamp type connections for heating element

**Three Wire Sensor** - heated sensors provide various advantages including,

- ▶ Earlier cut-in for closed loop operation
- ▶ Lower emissions with new and aged sensors
- ▶ Lower sensor deterioration caused by thermal stress
- ▶ Extended service life (from ~ 50,000km to 80,000km +)
- ▶ More accurate fuel management system calibration
- ▶ Greater flexibility in sensor location

Bosch manufactures heated sensors with either 12 or 18 watt ratings for correct sensor operation during warm up and the complete vehicle drive cycle.

Note: Use of a sensor with an incorrect heating element rating will result in overheating of the sensor measuring element causing the thimble to fracture.

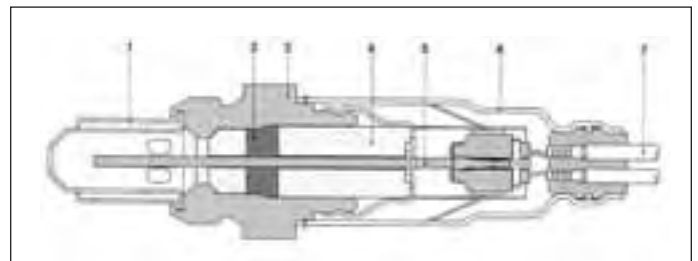
**Four Wire Sensor** - heated sensor with integrated earth reference/supply circuit, these sensors may be either grounded through the body or earth isolated depending upon engine management system design and customer requirement. Earth isolated sensors are provided with an earthing circuit for the measuring cell by the engine management control unit. The engine management control unit purely references the earth of a sensor that has its body grounded.

Note: mis-matching of body ground/isolated sensors can result in the signal earth being open circuit causing the sensor signal to not be recognised by the engine management control unit.

**LSM 11 "Wideband" Sensor** - where the standard sensors described above are "narrow band" or "two step" sensors that purely cycle when the lambda value of 1 is achieved, the LSM 11 sensor has a "wide band" operating characteristic. The LSM 11 sensor has a flatter operating curve than a standard sensor allowing it to measure lambda values of between ~ 0.80 and ~ 1.60.

### Planar Type Sensors (Type Code LSF, LSU)

Improved designed sensor using "Planar" or thick film manufacturing technology. These are heated four wire sensors and whilst operating on the same principle as the thimble type sensors, the planar design provides a more effective heater design, more robust construction, faster switching time and superior service life.



#### Planar Type Sensor

- 1 = Guard Tube
- 2 = Ceramic seal assembly
- 3 = Sensor housing
- 4 = Ceramic support tube
- 5 = Planar sensor element
- 6 = Protective cap
- 7 = Connection cable



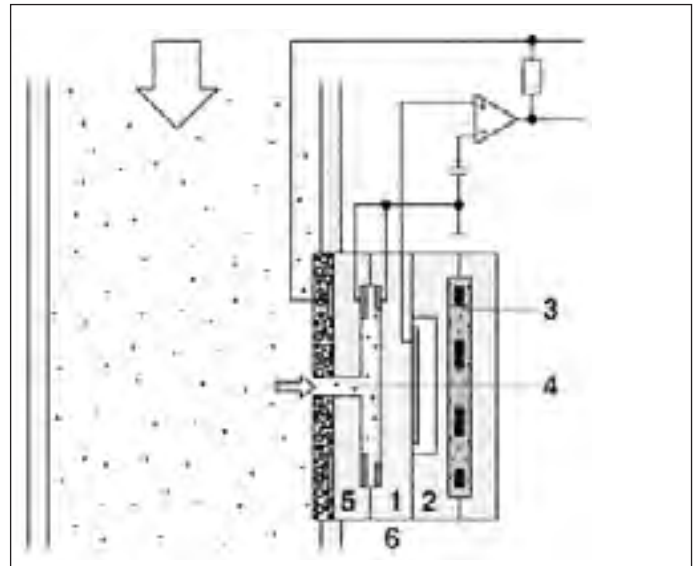


**LSU “Broadband” Universal Sensor** - as its name suggests, the broadband oxygen sensor has the ability to not only indicate an air/fuel ratio of  $\lambda = 1$  but can measure as low as  $\lambda = 0.7$  up to infinity (infinity = atmosphere containing oxygen of ~ 21% by volume). This is a unique quality compared to the “two step” rich/lean function of a standard thimble or planar sensor.

This LSU type sensor has not only been successfully applied to standard petrol engined passenger cars, but for lean-burn and gaseous fuelled engines. Due to their unique design these sensors are also used in diesel powered vehicles equipped with electronic diesel control (EDC) systems and industrial applications including gas powered furnaces, air/fuel ratio measuring equipment and engine/chassis dynamometers.

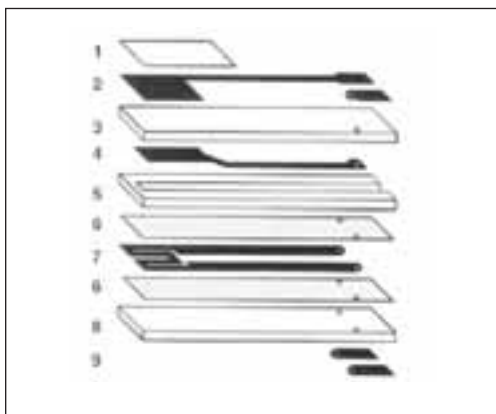
Broadband oxygen sensors can only be used in conjunction with a control unit that is specially designed to support the operational function and precise heater element management required by an LSU broadband sensor. It is important to note that a specifically designed wiring harness connector containing 6 pins is used for LSU type sensors. Whilst the physical appearance of the oxygen sensor connector will vary according to customer and vehicle design requirements, all LSU sensors have a calibration resistor built into the connector housing. Each individual LSU sensor is calibrated at the conclusion of the manufacturing process by laser altering this resistor value. Therefore removal or exchange of the oxygen sensor connector will render the sensor inoperable.

Comprehensive technical descriptions of construction and operation of these sensor types as well as many new Bosch sensor developments can be found in the Bosch Technical Instruction Manual titled “Automotive Sensors” (part # 1 987 722 131) available directly from Bosch Australia’s technical literature department on 03 9532 1081.



**Cross Section of LSU Broadband Sensor**

- 1 = Nernst cell
- 2 = Reference cell
- 3 = Heater
- 4 = Diffusion gap
- 5 = Pump cell
- 6 = Exhaust pipe



**Planar Sensor Operational Layers**

- 1 = Porous protective layer
- 2 = External electrode
- 3 = Sensor laminate
- 4 = Internal electrode
- 5 = Reference air laminate
- 6 = Insulation layer
- 7 = Heater
- 8 = Heater laminate
- 9 = Connection contacts

# Oxygen Sensor Evolution



30,000 km  
CHECK NOW!

60,000 km  
CHECK NOW!

50,000 (-80,000) km  
CHANGE NOW!

## Function

Oxygen sensors measure the level of oxygen in the exhaust gas. This means that internal combustion engines can be regulated in such a way that the catalyst works optimally. Result: minimum levels of exhaust emission, optimum engine performance and up to 15% less fuel consumption.



## Unheated oxygen sensors

The unheated oxygen sensor paved the way for the exhaust emission regulation of the future. They need a minimum working temperature of 360 °C and must therefore be installed in the direct proximity of the engine.

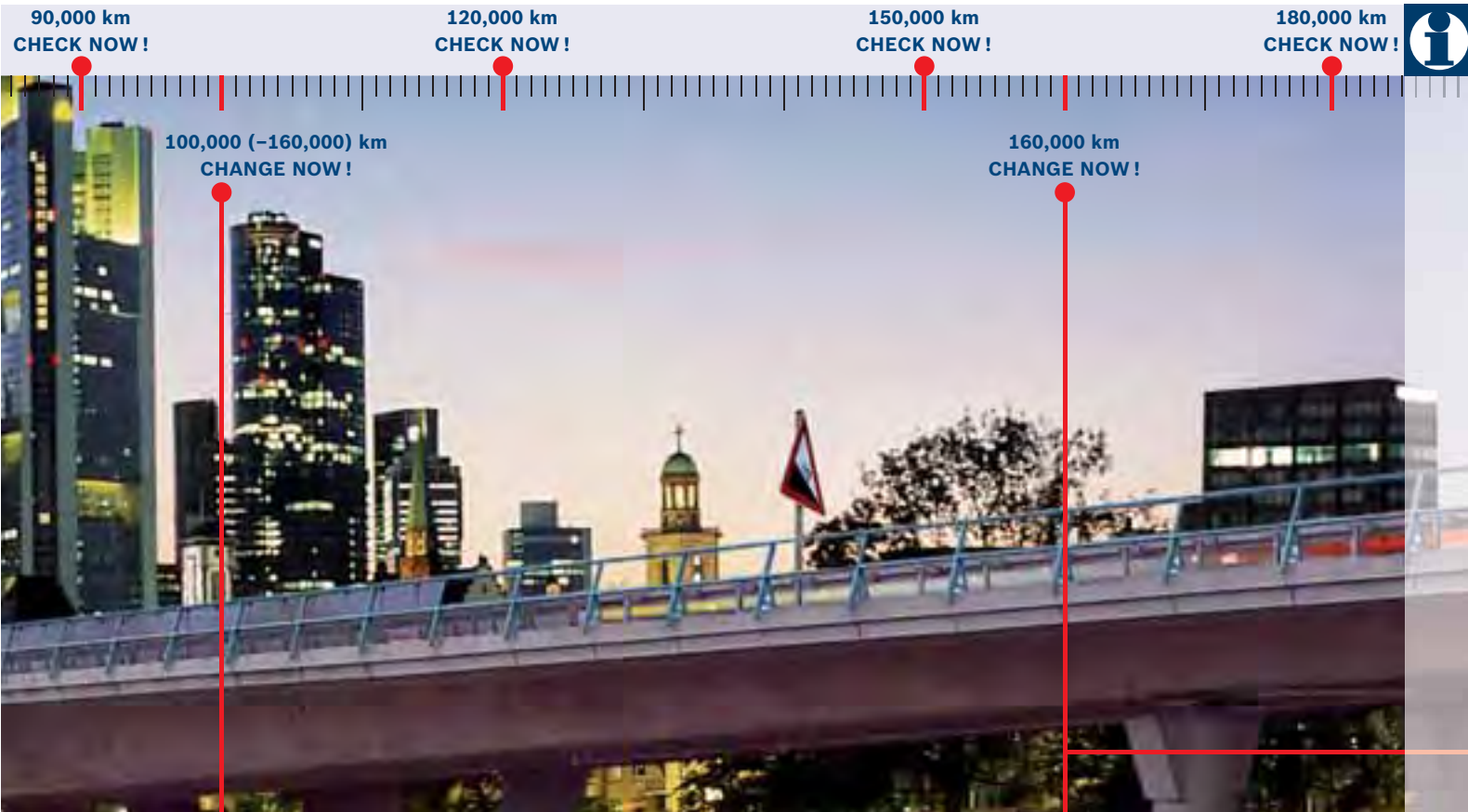
**Replacement interval:**  
every 50,000 – 80,000 km

Exhaust emission standards are becoming stricter and stricter. It is therefore increasingly important to monitor the exhaust emissions closely and to adjust the engine control accordingly. This is exactly what an oxygen sensor does. There are around 11 million vehicles registered in Australia with a petrol engine, and an increasing number of these have more than one oxygen sensor. Oxygen sensors are now also being used more and more in diesel engine applications. This is one of the reasons behind an increase in the demand for oxygen sensors in the aftermarket.

As the inventor and leading manufacturer, Bosch paves the way when it comes to quality and product diversity. With over 30 years of experience and a total production output of over 500 million units, Bosch is the leading global player for original equipment and the aftermarket.

- Only premium quality oxygen sensors
  - ▶ save up to 15% in fuel costs.
  - ▶ provide optimum control of exhaust emissions.
  - ▶ prevent damage to the catalyst.

Always insist on Bosch quality oxygen sensors.



**Heated oxygen sensors, 3-wire**  
 In order to facilitate the installation of oxygen sensors away from the engine, they were equipped with a heater in their next stage of development. This is the first time that it has been possible to ensure a constant functional temperature of the sensor element above 350 °C.

**Replacement interval:**  
 every 100,000 – 160,000 km



**Heated oxygen sensors, 4-wire**  
 The ground circuit for the oxygen sensor signal can be either grounded via the sensor housing and monitored by the control unit or, ground isolated and provided by the control unit. This provides superior signal accuracy and control.

**Replacement interval:**  
 every 160,000 km

**Bosch is the No.1 for oxygen sensors!**

1976 saw the first OE application of the Bosch oxygen sensor. In 2006 we celebrated the 30th anniversary of oxygen sensor production.

**Today**

- ▶ Bosch is the largest producer in the world with a total of more than 500 million oxygen sensors.
- ▶ Bosch has the greatest level of manufacturing know-how with an output of 33 million sensors per year.
- ▶ Bosch is the driving force behind development with the innovations it is constantly creating.

- ▶ Bosch is the market leader in original equipment and aftermarket.
- ▶ All oxygen sensors delivered by Bosch meet original equipment quality standards.
- ▶ The Bosch product range is unique in its diversity.

All vehicle manufacturers throughout the globe place their trust in oxygen sensors from Bosch. Bosch oxygen sensors give you that decisive edge over the competition and allow you to offer your customers what they need – environmentally-friendly, fuel efficient and long-living spare parts.





**Planar oxygen sensors**

The planar oxygen sensors consist of several ceramic foils with a built-in heater. They reach their operating temperature twice as quickly as the previous oxygen sensors, and can thus halve emissions in the critical cold-start phase.

**Replacement interval:**  
every 160,000 km



**Planar broadband sensors**

Unlike the previous sensors, the planar broadband sensors are fitted with two measuring cells and a 6-wire connector. They provide extremely accurate measurements across the entire operating range. Even diesel engines can be controlled using them.

**Replacement interval:**  
every 160,000 km

**Original or universal? Bosch offers both.**

With its wide range of original sensors for accurate solutions and the award-winning universal product range\*, Bosch can offer you the right sensor whatever your requirements.

\* Bosch has won two innovation prizes for its universal oxygen sensors:

“Innovation Award“ at the Automechanika, Frankfurt, 2004 and “Silver Trophy“ at the Equip Auto, Paris, 2003

**The Bosch original product range:**

- ▶ Original oxygen sensors always have the original connector.
- ▶ They can fit into the vehicle precisely with no need for further work (plug and play).
- ▶ The vehicle manufacturer’s requirements are met 100%.
- ▶ The Bosch original oxygen sensors cater for over 75% of the vehicle population in Australia.





#### Universal oxygen sensors

Thanks to the support of the universal plug, a small number of universal oxygen sensors replace a large number of original sensors. Therefore the cable of the built-in sensor is cut at a suitable point. The universal plug is now connecting the universal sensor together with the end of the cable in the vehicle.



#### Innovation prizes

Impressive! The Bosch universal oxygen sensor range:

- "Innovation Award" at the Automechanika, Frankfurt, 2004
- "Silver Trophy" at the Equip Auto, Paris, 2003

#### The Bosch universal product range:

- ▶ A small range of universal sensors are required to replace around 1,000 original oxygen sensors.
- ▶ The range of universal sensors cater for different sensor elements and heating powers.
- ▶ The benefits for you: low storage costs and very high availability rates.
- ▶ No special tools are required for installation.
- ▶ Universal oxygen sensors have one universal connector. It is patented, guarantees a secure, electrical contact and connects to the wiring harness in the vehicle without any problems. It can resist extreme vibration, temperature and moisture.
- ▶ A comprehensive installation manual is included with all universal sensors.

## Oxygen Sensor Construction and Operation - Conventional design ( incl. LSM 11)



The exhaust gas oxygen sensor, or “lambda sensor” as it may be referred to, is located prior to the catalytic converter in the exhaust manifold or pipe. The sensor generates a voltage for the engine management system related to the amount of excess oxygen in the exhaust gas, providing “feedback” of the mixture composition.

The engine management system is designed to provide optimal engine power, emissions and economy over the entire engine operating range and various driving conditions. The oxygen sensor allows the engine management system to directly reference the optimal emission air/fuel ratio of 14.7:1. It can also learn the engines requirements and apply a correctional air/fuel ratio other than 14.7:1, for example compensation for engine wear or engine sensor drift.

The oxygen sensor is a “galvanic cell”, a type of battery. The sensor contains two porous platinum electrodes with a ceramic electrolyte (Zirconium Dioxide) between them. The oxygen sensor generates a very small voltage, ranging from as little as 100mV (0.1 volts), up to a maximum of 900mV (0.9 volts) dependent upon exhaust gas oxygen level. The sensor references atmospheric oxygen, typically approximately 21%, to the varying amount of excess oxygen in the exhaust. The larger the differential in oxygen between the atmosphere and exhaust the higher the voltage output of the sensor. A rich mixture typically has 0% oxygen, whilst a lean mixture may have 3-4%. During normal engine operation the sensor voltage will oscillate between 100mV - 900mV as the mixture quickly swings between lean and rich. The system will average the sensor voltage to ~ 450mV which will result in the mixture ratio of 14.7:1.

Sensor operation can be summarised as follows -

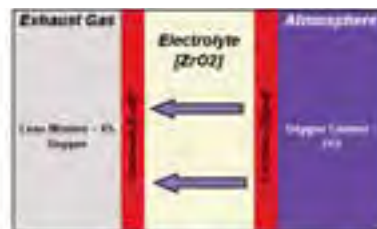
- ▶ The oxygen sensor allows the fuel management system to maintain the “ideal” air/fuel ratio [14.7:1] or a lambda value of 1, across various engine operating conditions.
- ▶ The oxygen sensor compares the amount of oxygen in the exhaust gas against the amount of oxygen in the atmosphere. These differing amounts of oxygen will allow the sensor to produce a voltage output to the vehicles fuel management system.
- ▶ An oxygen sensor is actually a “galvanic cell” a type of battery. The sensor contains two Platinum electrodes with an electrolyte between them.
- ▶ Zirconium Dioxide (ZrO<sub>2</sub>) is the electrolyte used.
- ▶ Oxygen sensor output voltage will range between 100 - 900mV. Rich mixtures [low oxygen] will produce high voltage, lean mixtures [excess oxygen] will produce low voltage.
- ▶ The amount of wires the oxygen sensor has is dependent upon fuel management and vehicle design criteria. Sensor variations are described in the section “oxygen sensor design types”. Refer to page A6.
- ▶ Oxygen sensors operate at a minimum temperature of ~ 360°C. The stability of sensor operating temperature is a function of the heater, as well as the physical position on the vehicle.

- ▶ All Bosch oxygen sensors feature the following -
  - ▶ Stainless steel wire - for resistance to corrosion and thermal stress.
  - ▶ Gold plated terminals - on signal and reference connector pins, giving superior contact for minute voltage/current signals.
  - ▶ Double laser welded sensor body to avoid moisture ingress to sensor element/heater.
  - ▶ Every sensor undergoes functional quality test at 1000°C.
  - ▶ Ceramic thimble is pressure tested to 420 bar to ensure integrity.
  - ▶ Every sensor measuring element undergoes “gas permeation” testing during manufacture.

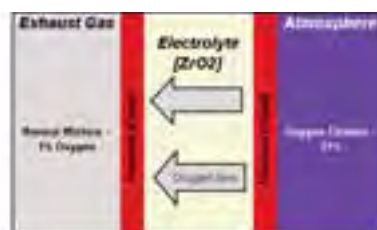
**Rich Mixture** - large difference between atmospheric and exhaust oxygen levels results in high conductivity between the electrodes. Hence voltage output is high ~ 900mV.



**Lean Mixture** - smaller difference between oxygen levels result in less conductivity and smaller voltage output, typically ~ 100 mV.



**Normal Mixture** - when mixture level is approximately 14.7:1, the output from the oxygen sensor will be ~ 450mV.



## Oxygen Sensor Construction and Operation - Conventional design ( incl. LSM 11) (continued)

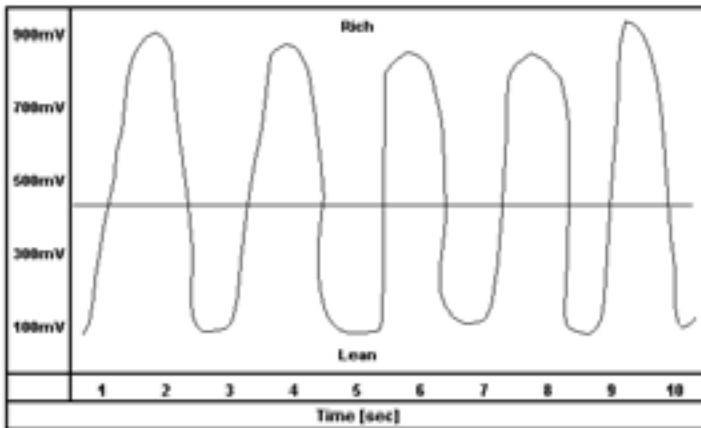


Fig. 1.

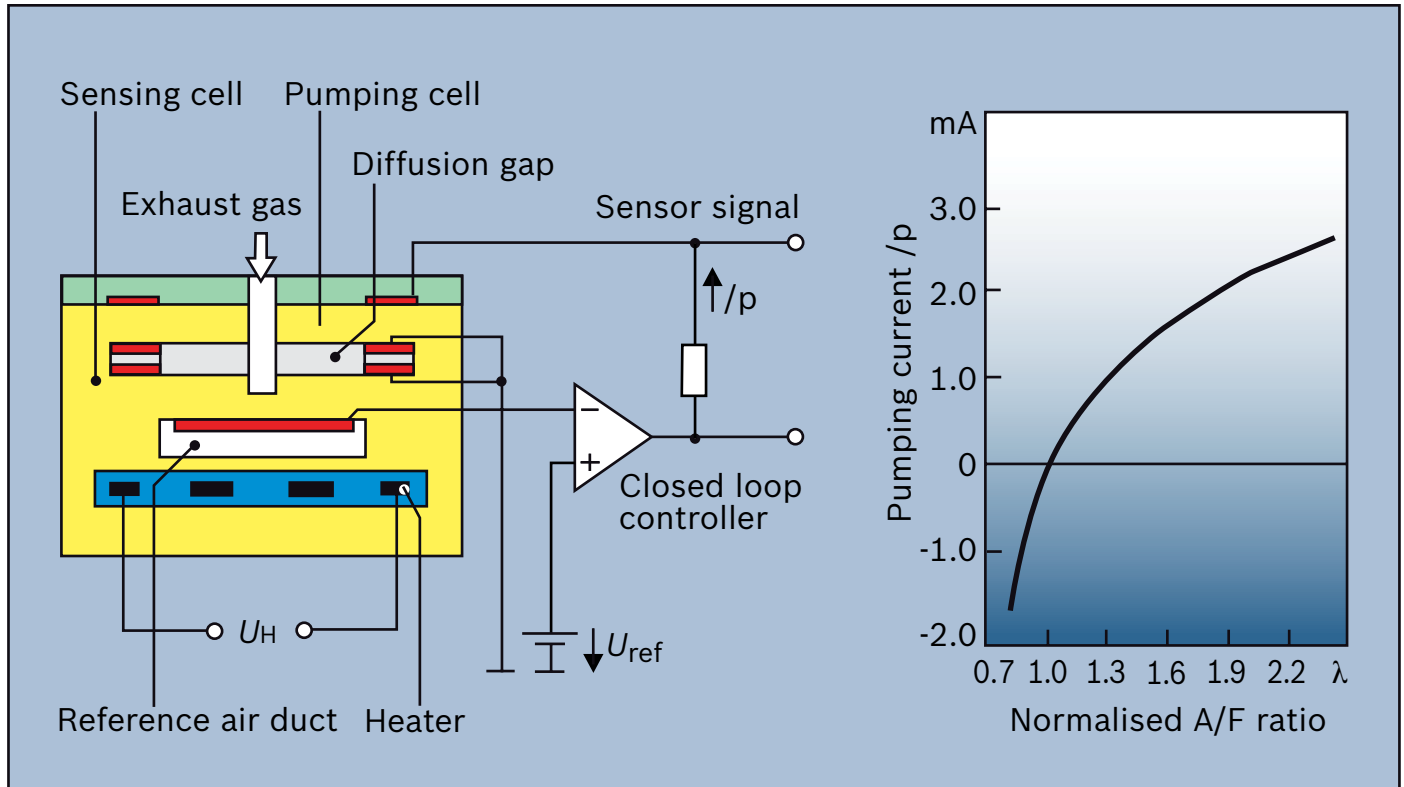
### Oxygen Sensor Voltage Output

Normal Sensor - Voltage “cycles” between 100 & 900 mV as the ECU senses lean and rich and alternates the mixture accordingly. The average output from the oxygen sensor will be ~ 450mV. Refer to Fig. 1.



# Oxygen Sensor Construction and Operation

## (Broadband Design LSU 4)



Whilst it is beyond the scope of this catalogue to fully explain the operating principle and system support requirements of the “Broadband” LSU series sensor, we can provide an overview of its basic design principle.

Essentially in order to allow an infinite range of air/fuel ratio values (only as low as Lambda 0.7), the LSU sensor has two basic elements. Firstly it consists of a standard “Nernst” oxygen ion measuring cell that would be found in any standard planar or thimble type oxygen sensor. In order to be able to effect a much extended measuring range, an oxygen ion “pump” or pumping cell is also integrated into the sensor. This pump is controlled by a signal from the engine management ECU. The ECU will control the pump to maintain a constant signal from the conventional oxygen sensor cell, the amount of bias required to achieve this allows the ECU to determine how far rich or lean the mixture is from the emission optimal value of 14.7:1.

A comprehensive understanding of the operation of the LSU type oxygen sensor is essential for correct diagnosis. Comprehensive technical descriptions of the construction and operation of these sensor types can be found in the Bosch Technical Instruction Manual titled “Automotive Sensors” (part # 1 987 722 131) available directly from Bosch Australia’s technical literature department on 03 9532 1081.



## Oxygen Sensors - System Applications

Why are there sensors before and after the catalytic converter?

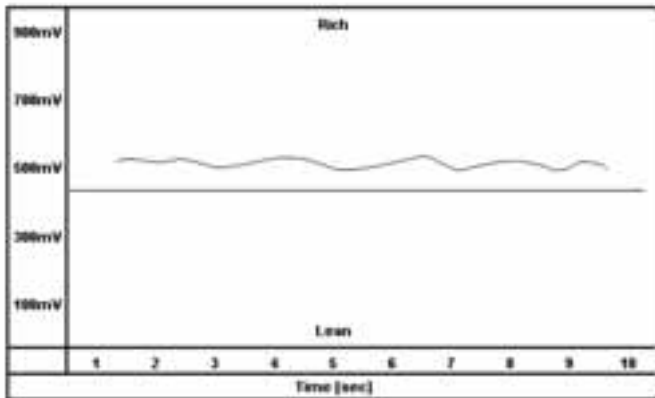


Fig. 1 - Diagnosis Sensor voltage output - typical

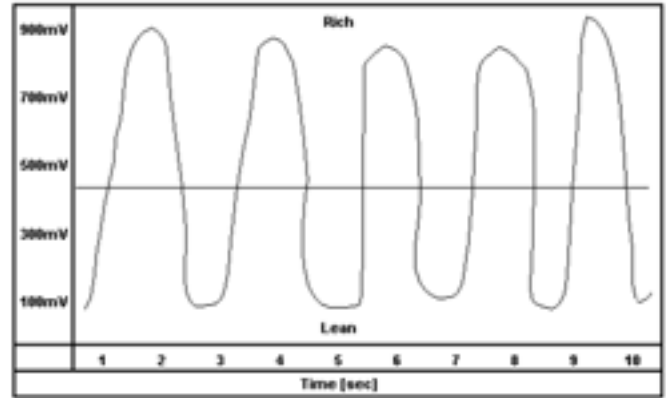


Fig. 2 - Control Sensor voltage output - typical

Since the introduction of ADR 36 in 1986 requiring all new passenger vehicles to operate on unleaded fuel in Australia, there has been constant improvement and evolution of engine management systems. This major change also saw the introduction and broad use of oxygen sensors and catalytic converters. Starting with fairly simple applications using one single wire sensor in the exhaust manifold, over the years multiple sensors for "V" configuration engines have been implemented providing more efficient air/fuel ratio control and diagnostic capabilities.

In recent years in Australia, there has been a rapid increase of vehicles using pre and post catalytic converter oxygen sensors. These are referred to in this catalogue as Control (pre catalyst) and Diagnosis (post catalyst) oxygen sensors. The requirement for controlling the combustion process is now only one of the functions of the engine management

system. Modern systems also control and monitor the operation of the vehicle's catalytic converter. With the fitment of sensors after the catalyst, the efficiency of the catalytic converter can now be evaluated and various engine control strategies can be employed to reduce harmful exhaust emissions throughout various driving and engine operating conditions.

### Diagnosis Sensor Operating Characteristics.

Whilst the diagnosis sensor is often of the same design family as the conventional control sensor, sensor activity is quite different to what would be expected of a correctly operating pre-catalyst sensor. As shown in fig. 1, the output signal from the diagnosis sensor is generally a flat output signal of approximately 500mV, this is in contrast to the control sensor normal activity as shown in fig. 2.

## Testing of Oxygen Sensors



### Conventional Design [incl. LSM11]

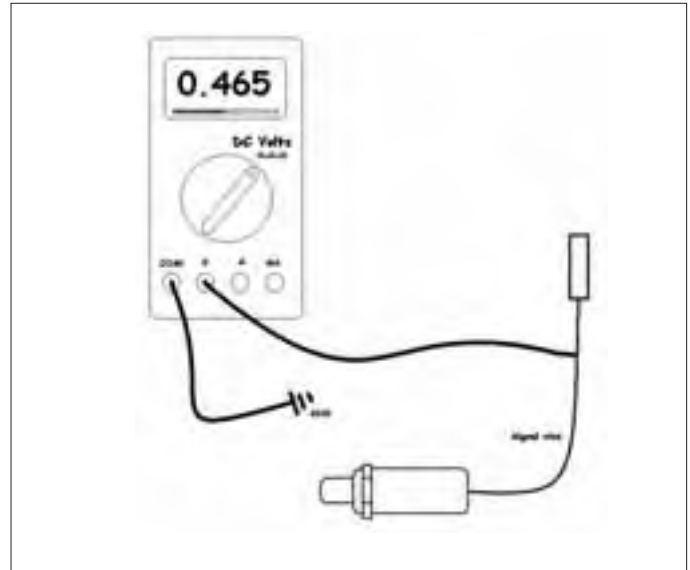
Whilst the physical appearance and design principle of the modern oxygen sensor has improved and changed over the years, the testing procedures used to diagnose a faulty sensor have remained simple.

The information here is a simple guide only and does not replace any technical service procedures quoted by a vehicle manufacturer. Testing of the oxygen sensor should be made after all basic system checks have been carried out, including testing of the fuel system pressure and performing all minor service adjustments and checks as recommended by the vehicle manufacturer.

As previously mentioned the oxygen sensor will only operate correctly once its temperature is above  $\sim 360^{\circ}\text{C}$ , so the engine should be fully warmed up prior to testing. Preferred method of testing is to utilise an automotive oscilloscope, however a good quality Digital Multimeter (DMM) with an analog bar graph function can indicate basic operation. Testing should be done in conjunction with a good quality gas analyser capable of lambda or air/fuel ratio measurement to accurately determine sensor calibration as well as function.

### Hints on oxygen sensor wiring

- ▶ Single wire sensors are grounded through the housing. Make sure engine earth connections are secure and free from corrosion.
- ▶ Two wire sensors have a ground connection to the body of the sensor that goes back to the ECU for reference.
- ▶ Three wire sensors have an integrated heater element. These heaters are not polarity sensitive and in most cases are the two white wires in the sensor connector.
- ▶ Four wire sensors have an integrated heater as well as ground reference wire. In most cases the heater wires will be white (or at least the same colour) the signal wire is black and the ground reference will be grey.
- ▶ If wiring colour is difficult to determine and vehicle wiring details are not available, try the following procedure. Disconnect the oxygen sensor and switch the ignition on, check for the following at the vehicle wiring harness connector –
  - ▶ Pin with battery voltage present – this will be the heater voltage supply.
  - ▶ Pin with  $\sim 0.5$  volt present – this will be the sensor signal wire.
  - ▶ Pin with minimal resistance to vehicle ground – will likely be the heater ground.
  - ▶ Pin with higher resistance to vehicle ground – likely to be ECU ground reference.



### Simplified Test Procedure (Digital Multimeter)

1. Locate the oxygen sensor and determine the wiring layout. On heated sensors check for heater element continuity, adequate 12 volt supply to heater and correct ground when the engine is running. Note - Many late model vehicles have the ground circuit of the oxygen sensor heating element controlled by the engine management ECU for sensor temperature control purposes. Do not supply direct voltage or external ground to these circuits.
2. With engine speed at  $\sim 2000$  RPM the sensor voltage should be seen to cycle smoothly between 100 – 900 mV (0.1 – 0.9 Volts) approximately eight times every ten seconds, as shown in Fig. 1.
3. A contaminated or tired sensor will be slow to cycle between the sensor voltage limits and may not generate the full potential of 900 mV. It may also be noticed that the lean swing may drop to zero voltage, as shown in Fig. 2.



### Simplified Test Procedure (Oscilloscope)

1. Locate the oxygen sensor and determine the wiring layout, see "hints on sensor wiring" (refer to page A16) if unsure. On heated sensors check for heater element continuity, adequate voltage supply to heater and correct ground when the engine is running.  
Note - Many late model vehicles have the ground circuit of the oxygen sensor heating element controlled by the engine management ECU for sensor temperature control purposes. Do not supply direct voltage or external ground to these circuits.
2. Connect the oscilloscope between the sensor signal wire and sensor ground, always back probe the signal wire to avoid damage to the harness. With engine speed at ~ 2000 RPM the sensor voltage should be seen to cycle smoothly on the oscilloscope display between 100 – 900 mV (0.1 – 0.9 Volts) approximately eight times every ten seconds, as shown in Fig. 1.
3. A contaminated or tired sensor will be slow to cycle between the sensor voltage limits and may not generate the full potential of 900 mV. It may also be noticed that the lean swing may drop to zero voltage, as shown in Fig. 2.

Remember! – The oxygen sensor is a battery, a sensor that generates 900 mV constantly is generally not faulty. Faulty sensors, like a failing battery, will be slow to cycle between the control limits and be generally slower to react to mixture changes.

#### Good Sensor

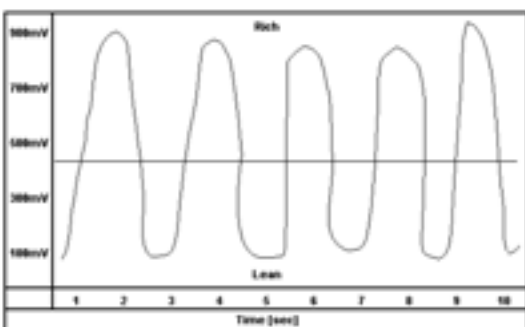


Fig. 1.

#### Faulty Sensor

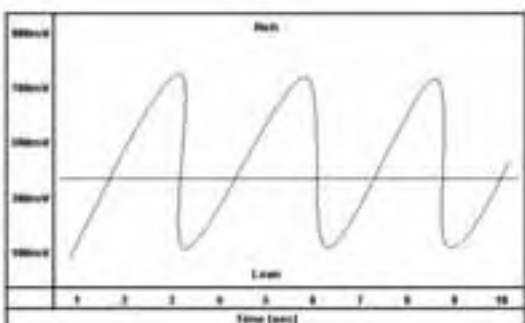


Fig. 2.

The oscilloscope provides a quick and easy method of testing the oxygen sensor output with the added advantage of a visual indication.

Bosch recommends that oxygen sensors are tested and replaced as a part of a regular vehicle maintenance schedule.

Replacement of a faulty oxygen sensor will not only restore vehicle performance but improve fuel economy and reduce harmful exhaust emissions.

### Troubleshooting Tips

- ▶ Always use the sensor ground when testing oxygen sensor output. This is particularly important on four wire sensors where the ECU provides the ground as some late model vehicles utilise a "virtual ground". This means the ground potential is at a voltage level above chassis ground, sometimes as much as 2.5 volts.
- ▶ If sensor voltage is stuck at 900 mV constantly, check the sensor earthing points. This will generally be a small wire attached to the engine block, cylinder head or manifold. It is common for these wires to be left off or loose after major engine repairs such as head gasket replacement and/or engine removal as well as crash repairs.
- ▶ Always check oxygen sensor activity against vehicle exhaust gas readings. Many adaptive engine management systems can compensate to a large degree for a faulty oxygen sensor by changing internal fuelling maps. A sensor cycling perfectly may be indicating a lambda value of 1, however the gas analyser may show an over rich condition, this is typical of a tired sensor.
- ▶ On vehicles fitted with multiple sensors (ie V6 & V8 engines with sensors in both manifolds) it is always recommended to replace sensors in pairs. This avoids issues with the fuelling maps within the engine management system.

## Testing of Oxygen Sensors



### Broadband Design [LSU4]

Testing of LSU type broadband sensors should be done in conjunction with the vehicles diagnostic system. Engine management systems using broadband oxygen sensors have a vast array of integrated diagnostic and analytical software to determine the accuracy and performance of the LSU 4 type sensor. Physical checks of the sensor with either an oscilloscope or multimeter will reveal little in relation to the sensors operation without specialist knowledge.

It should be noted that apart from monitoring the sensor output related to exhaust gas oxygen levels, the ECU also controls sensor temperature via a sophisticated closed loop control circuit. The physical measuring of this circuit will only prove the ECU control circuit is functioning; it is not possible to determine sensor temperature values or other heater control strategies.

Bosch recommends that the oxygen sensor is tested and replaced as a part of a regular vehicle maintenance schedule. Suggested replacement intervals for oxygen sensors are listed in the vehicle application section of this catalogue. A numerical listing can also be found on page C6.

Correct testing procedures are essential for accurate diagnosis of the oxygen sensor, particularly when dealing with modern LSU type sensors.

Replacement of a faulty oxygen sensor will restore vehicle performance, improve fuel economy and reduce harmful exhaust emissions.

#### Important Note:

- ▶ Do not cut original wiring on the sensor.
- ▶ Do not solder connections.

The sensor wiring allows reference oxygen to flow in the wiring strands, soldering or cutting and joining wiring impedes this flow.

Universal sensors use special joiners for this purpose.





## Causes and Effects of Oxygen Sensor Failure

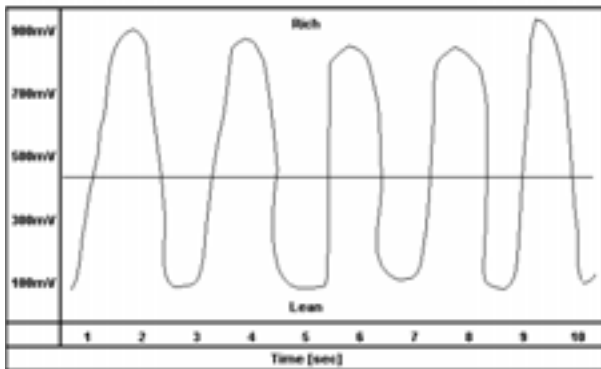
Whilst there are many factors that will contribute to accelerated oxygen sensor failure, it should be remembered that an oxygen sensor is a wearing part with a specific service life not unlike a platinum spark plug.

The oxygen sensor should have a service life ranging from 50,000 Km - 160,000 Km dependant on sensor design, however this can be dramatically reduced by various conditions including overheating of the sensor, chemical poisoning and impact damage.

Excluding physical damage, the majority of these conditions will result in the failure of the ceramic thimble by affecting its porous nature. This will result in a sensor that is slow to react to mixture change as shown below. A slow sensor will tend to make the air / fuel ratio of the vehicle drift rich.

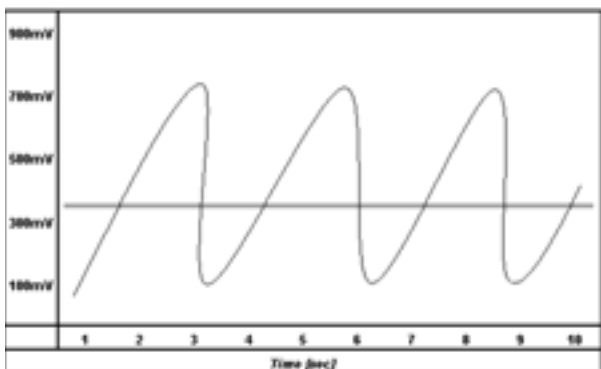
### Sensor Voltage Output

Normal Sensor - Voltage “cycles” between 100 & 900 mV. The average output from the oxygen sensor will be ~ 450mV.



### Slow, Contaminated or “Tired” Sensor

Voltage slowly builds up and then rapidly drops off. The effect is that the average will drop causing a rich condition.




### Important Facts About Oxygen Sensors

- ▶ Oxygen sensor life spans will vary between vehicle and sensor designs, and are effected by many factors including fuel quality and vehicle operational characteristics.
- ▶ Oxygen sensors should be checked and/or replaced at -  
50,000 km for single and two wire sensors.  
80,000 km for three or four wire heated sensors.  
160,000 km for planar type sensors
- ▶ Oxygen sensors can be contaminated in many ways including -  
Lead fouling from incorrect fuel.  
Severe carbon/oil fouling from engine/emission control defects.  
Contamination from silicon products.
- ▶ Thermal stress damage (fracturing of the ceramic thimble) from excessive water in the exhaust, ie- blown head gasket.
- ▶ Contamination of the oxygen sensor basically results in the coating of the platinum electrodes and therefore insulates them.  
**\*\*NOTE\*\*** - oxygen sensors cannot be cleaned!!
- ▶ Oxygen sensors will die of “old age”, they are a wearing service part like a platinum spark plug.
- ▶ As the oxygen sensor deteriorates over time, or is contaminated, the output from the sensor slows down. This causes the average that the fuel management system calculates to reduce.
- ▶ The lower average gives the impression that the engine is lean and the fuel management system overcompensates to rich.
- ▶ Due to the fact that the engine will operate in a rich condition at all times, fuel consumption is naturally higher.

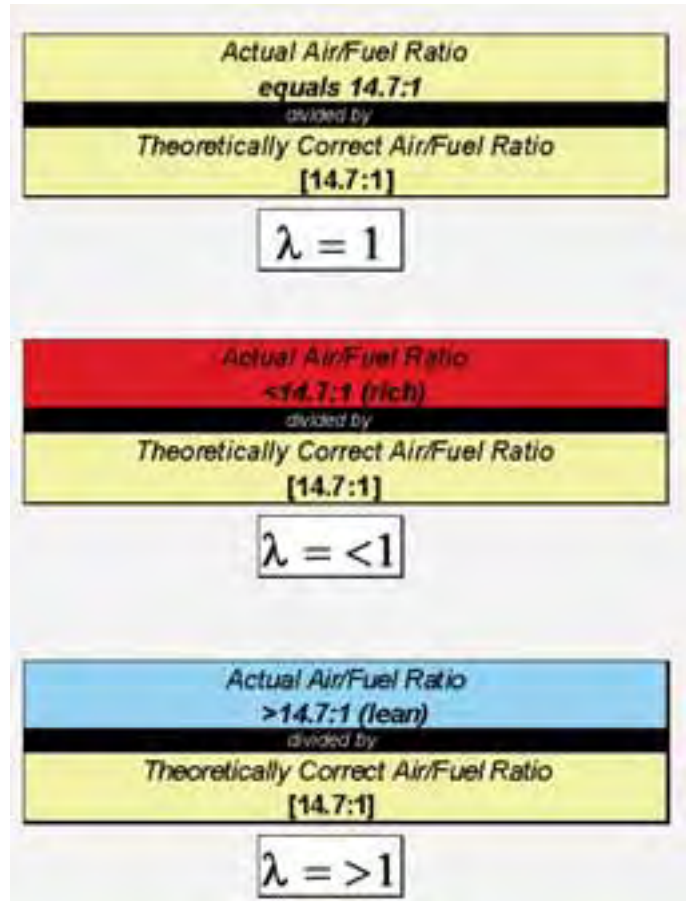


## What is Lambda?

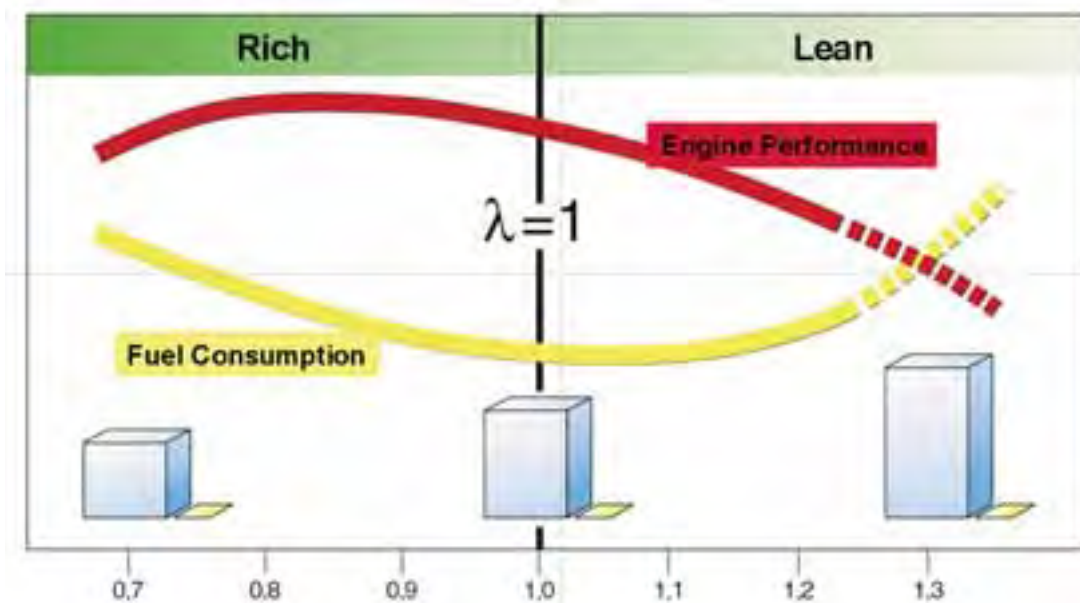
 Lambda is a mathematical calculation representing air/fuel ratio. The figure is derived by dividing the actual air/fuel ratio of the engine by the theoretically correct value [14.7:1].

Rich mixtures produce lambda values that are less than one, leaner mixtures are higher than one.

Lambda is a compromise between power [ $\lambda < 1$ ] and economy [ $\lambda > 1$ ] as shown on the diagram below.

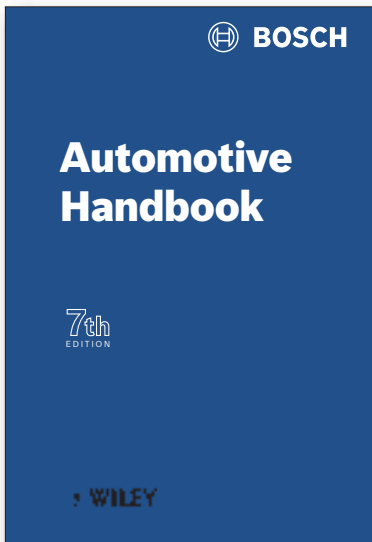


Fuel-Air Mixture Graph



# Bosch Technical Publications

Bosch technical publications offer a detailed introduction to systems and components across a wide range of automotive topics. They feature a wide array of diagrams, illustrations and tables to help you with your day to day understanding of systems.



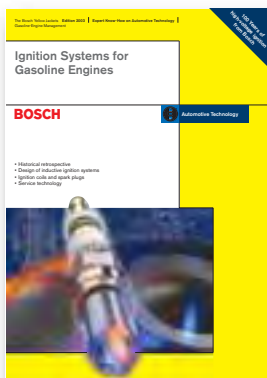
Considered to be the bible to all workshops, the Automotive Handbook is an indispensable reference for mechanics and engineers.

1 987 723 101



Bosch presents the complete spectrum of gasoline engine closed and open-loop control, together with the systems and components concerned.

1 987 723 604



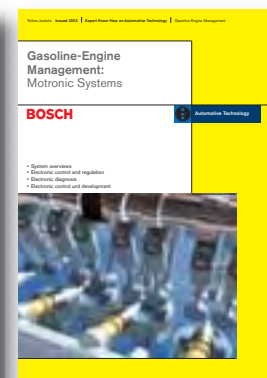
1 987 722 130



1 987 722 102



1 987 722 136



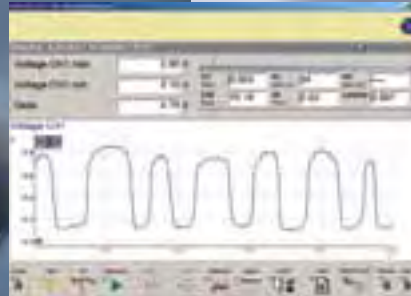
1 987 722 139



1 987 722 131

For more information please contact our customer service hotline on 1300 30 70 40 (Australia) or 0800 452 896 (NZ).

## Diagnose Your Sensors



FSA oxygen sensor reading



BEA oxygen sensor reading

### Bosch FSA 7 Series Vehicle Testers

Efficient vehicle diagnostics is essential for a successful automotive workshop. The on-board electronics of the modern motor vehicles allow for speedy identification to the cause of the problem thanks to diagnostics interfaces and fault memories, but the rapid identification of the defect requires "component testing", which is provided by the FSA 7 Series vehicle systems analysers.

The FSA750 is a combination system, combining the FSA740 and the KTS670, providing the perfect complete system for flexible use in the workshop. The Bosch FSA 750 Vehicle Tester features a 2-channel oscilloscope for complex measurements on vehicle-system components, which is ideally suited for sensor testing in vehicles. It has the ability to simultaneously display two oxygen sensor signals on one screen.

- ▶ 2 x channel - 50 MHz scope.
- ▶ Primary/secondary ignition scope.
- ▶ Digital and graphical multimeter.
- ▶ Continuous 24-hour data logging function.
- ▶ Save comparative scope patterns and superimpose over a live pattern.
- ▶ Component tests with vehicle specific data.
- ▶ Functional test of the rapid CAN bus systems (Ford BA Falcon and latest Mercedes Benz).
- ▶ Signal generator for sensor testing.

### Bosch BEA Emission Analysers

The Bosch range of BEA gas analysers provide the workshop with a complete system for the full spectrum of emission system analysis.

The gas analyser offers the simplest diagnostic connection to a motor vehicle, but it is often overlooked as a diagnostic tool. Depending on the combination of gas readings it can be very useful in assisting to diagnose common ignition or even sensor faults, such as failed oxygen sensors.





KTS oxygen sensor fault scan

### Bosch KTS Series Diagnostic Testers

More and more workshops are using the KTS series from Bosch to make diagnosis of newer vehicle systems efficient. The KTS series, in combination with specially designed ESI[tronic] software, provides the workshop with all the tools necessary for fast, accurate fault diagnosis for all components, including those such as oxygen sensors.

Workshops can now diagnose faults easier, faster and in more detail than ever before with the new KTS340. Targeted trouble shooting, maintenance schedules and service bulletins can all be accessed quickly and easily from this powerful, yet compact diagnostic tester.

The new KTS340 combines simple operation with a comprehensive information system.

It features:

- ▶ 8.4" touchscreen with embedded LINUX operating system.
- ▶ Comprehensive diagnostic functions and vehicle specific connector program.
- ▶ ECU diagnostics supported by guided troubleshooting, repair and maintenance software information modules.
- ▶ Latest graphical user interface with practical menu driven navigation between software modules.
- ▶ Full ECU communication support for all diagnostic protocols from flash code to high speed CAN.
- ▶ 2 channel multimeter.
- ▶ Integrated wireless LAN (for print out via workshop PC).

# Robert Bosch Australia

## General Warranty Information



### Introduction

All products manufactured and/or sold by Bosch Australia carry a statutory and voluntary warranty. Consumer's rights to such warranty are limited to failures and defects caused by a material or manufacturing fault within the specified warranty period.

This warranty information describes very broadly the general procedure for the settlement of warranty claims. Detailed information relating to the most commonly submitted non-warranty cases should also be reviewed prior to any warranty submission. Only genuine warranty cases are accepted.

### What is a Warranty Case?

A warranty case exists when a Bosch product or spare part fails within the specified warranty period as a result of a manufacturing or material fault.

### What are Non-warranty Cases?

A warranty case does not exist if the fault is caused by a violation of the operating, maintenance or installation instructions, inappropriate or improper use, incorrect handling or unauthorised repairs and modifications performed by third parties. Other examples of non-warranty cases are failures caused by foreign contamination and water entry.

### Natural Wear and Tear

Damage caused by natural wear and tear does not constitute a warranty case even if it occurs within the warranty period.

### Wrong Deliveries and Transit Damage

Wrong deliveries, incorrect or damaged packing and transit damage claims are not warranty cases and will not be processed as a warranty claim. Such cases should be directed to Bosch Customer Service on 1300 30 70 40.

### Warranty Responsibility and Evaluation

All warranty claims are to be resolved in the most economical and efficient way, either by repair or replacement. In the case of Bosch oxygen sensors, these must be sent to a Bosch Authorised Service Dealer for warranty evaluation and/or repair.

For details of your nearest Bosch Authorised Service Dealer please call our hotline on 1300 060 060 or visit [www.bosch.com.au](http://www.bosch.com.au)

### Initiating a Claim

If a Bosch product fails within the specified warranty period as a result of a manufacturing or material fault, consumers should:

- ▶ Stop using the goods.
- ▶ Let the seller know as soon as possible.
- ▶ Look after the goods until they are returned.
- ▶ Return the goods, including proof of purchase (while there are no time limits, this should be done as soon as possible).

### Packaging

Goods do not have to be returned with the original packaging to obtain a refund.

### Warranty Periods and Proof of Purchase

The warranty period begins from the date of sale to the customer (generally the consumer). The warranty period is not renewed nor extended as a result of a warranty repair or with the supply of a replacement part. The seller is entitled to ask for proof of purchase when goods are claimed under warranty and consumers are obligated to provide proof of purchase when claiming goods under warranty. Proof of purchase will generally indicate if the purchased product is covered under warranty.

**All Bosch oxygen sensors are covered by a 12 month or 20,000km warranty period within Australia.**

### Deadlines for Submitting Warranty Claims

Bosch Australia aims to rectify genuine quality problems as a priority. This is generally achieved by investigating why defective products have failed and by introducing immediate corrective action measures to prevent re-occurring warranty failures. It is therefore critical that all warranty cases are promptly reported to Bosch Australia. Bosch reserves the right to request the prompt return of all defective parts.

### Product Liability and Product Safety

Bosch Australia should be informed immediately about potential product safety concerns within and outside the warranty period. Bosch Australia is well aware of its product liability and product safety obligations and responsibilities. It is our aim to ensure appropriate product safety standards are met in order to avoid injury, loss and damage caused by defects in Bosch products.

# Vehicle Application Listing

## How to use this catalogue

	4	5	6	7	11	10	8	9	12	
<b>1</b> ← <b>ALFA ROMEO</b>										
<b>2</b> ← <b>Alfa 33</b>										
<b>3</b> ← <b>905</b>	10.87 - 12.89	AR30558 <M8>	4	1.7			Control	0 258 003 060	0 258 986 502	100,000
<b>907</b>	01.90 - 03.92	AR30737 <M6>	4	1.7			Control	0 258 003 060	0 258 986 502	100,000
	06.90 - 10.94	AR30747 <M9>	4	1.7			Control	0 258 003 060	0 258 986 502	100,000
<b>Alfa 75</b>										
	02.86 - 02.92	AR 01911 KAT <M1>	6	2.5			Control	0 258 003 005	0 258 986 502	100,000
	02.87 - 01.90	AR 06124 KAT <M3>	6	3.0			Control	0 258 003 061	0 258 986 502	100,000
	09.87 - 02.92	AR 06166 KAT <M11>	4	2.0	09.87 - 05.90		Control	0 258 003 957	0 258 986 502	100,000
<b>Alfa 90</b>										
	02.86 - 12.90	AR 01911	6	2.5			Control	0 258 003 005	0 258 986 502	100,000
<b>Alfa 147</b>										
<b>937</b>	11.00 →	AR 32310 <M10>	4	2.0			Control	0 258 006 376	0 258 986 615	160,000
	06.05 →	937A5000 <M92>	4	1.9			Diagnosis	0 258 006 388	0 258 986 615	160,000
	10.07 →	937A6000 <M94>	4	1.9			Control	0 258 017 052	0 258 986 615	250,000
<b>Alfa 147 GTA</b>										
<b>937</b>	01.03 →	932A000 <M20>	6	3.2		LAB	Control	0 258 006 206	0 258 986 615	160,000
						RAB	Diagnosis	0 258 006 424	0 258 986 602	160,000
							Control	0 258 006 389	0 258 986 615	160,000
							Diagnosis	0 258 006 391	0 258 986 602	160,000
<b>Alfa 156</b>										
<b>932</b>	10.97 - 09.00	AR32301 <M3>	4	2.0	12.97 - 09.00		Control	0 258 006 190	0 258 986 615	160,000
		AR32401 <M4>	6	2.5			Control	0 258 006 190	0 258 986 615	160,000
	09.00 - 12.01	AR32310 CF3 <M20>	4	2.0			Control	0 258 006 376	0 258 986 615	160,000
							Diagnosis	0 258 006 388	0 258 986 615	160,000
	01.02 - 10.05	AR32310 CF3 <M11>	4	2.0			Control	0 258 006 376	0 258 986 615	160,000
							Diagnosis	0 258 006 388	0 258 986 615	160,000
		937A1.000 <M10>	4	2.0			Diagnosis	0 258 006 193	0 258 986 615	160,000
					01.02 - 01.05		Control	0 258 007 156	0 258 986 615	160,000
					02.05 - 10.05		Control	0 258 007 301	0 258 986 615	160,000
		AR32405 <M15>	6	2.5		LAB	Diagnosis	0 258 006 424	0 258 986 602	160,000
						RAB	Control	0 258 006 389	0 258 986 615	160,000
							Diagnosis	0 258 006 391	0 258 986 602	160,000
	01.02 - 12.05	937A1.000 <M10>	4	2.0			Diagnosis	0 258 006 193	0 258 986 615	160,000
					01.02 - 01.05		Control	0 258 007 156	0 258 986 615	160,000
					02.05 - 12.05		Control	0 258 007 301	0 258 986 615	160,000
	03.02 - 10.05	932A000 <M20>	6	3.2		LAB	Diagnosis	0 258 006 424	0 258 986 602	160,000
						RAB	Control	0 258 006 389	0 258 986 615	160,000
							Diagnosis	0 258 006 391	0 258 986 602	160,000
<b>Alfa 159</b>										
<b>939</b>	06.05 →	939A5000 <M50 E4>	4	2.2			Control	0 258 017 111	0 258 986 602	250,000
							Diagnosis	0 258 006 916	0 258 986 602	250,000
	01.06 →	939A000 <M61>	6	3.2			Control	0 258 007 333	0 258 986 602	250,000
							Diagnosis	0 258 006 910	0 258 986 602	250,000
	03.06 →	939A5000 <M50 E4>	4	2.2			Control	0 258 017 111	0 258 986 602	250,000
							Diagnosis	0 258 006 916	0 258 986 602	250,000
		939A000 <M61>	6	3.2			Control	0 258 007 333	0 258 986 602	250,000
							Diagnosis	0 258 006 910	0 258 986 602	250,000
<b>Alfa 164</b>										
<b>164</b>	04.88 - 09.92	AR 06412 <M4>	6	3.0	04.88 - 05.91		Control	0 258 003 061	0 258 986 502	100,000
					06.91 - 09.92		Control	0 258 003 957	0 258 986 502	100,000
	09.90 - 09.92	AR 64301 <M5>	6	3.0	09.90 - 05.91		Control	0 258 003 061	0 258 986 502	100,000
					06.91 - 09.92		Control	0 258 003 957	0 258 986 502	100,000
<b>Alfa 166</b>										
<b>936</b>	10.98 - 09.00	AR 34301 <M15>	6	3.0			Control	0 258 006 190	0 258 986 615	160,000
	09.00 →	AR 36101 <M17>	6	3.0		XEV	Control	0 258 006 389	0 258 986 615	160,000
							Diagnosis	0 258 006 391	0 258 986 602	160,000
						XEW	Control	0 258 006 206	0 258 986 615	160,000
							Diagnosis	0 258 006 425	0 258 986 602	160,000

- 1 Vehicle make
- 2 Vehicle model
- 3 Vehicle series
- 4 Vehicle production date
- 5 Engine code
- 6 Number of cylinders
- 7 Capacity
- 8 Direct fit oxygen sensor
- 9 Universal fit oxygen sensor
- 10 Special cases refer inside back cover
- 11 Fitment date for oxygen sensor
- 12 Recommended replacement interval

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 2009. This data has been assembled from 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 March 2009. 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.

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.

To the extent permitted by law, Bosch excludes all liability including negligence for any loss incurred in reliance on the contents of this publication. From time to time, Bosch may (in its discretion) issue bulletins containing updates to this information to which users of this publication should have regard.



**ALFA ROMEO**

**Alfa 33**

<b>905</b>	10.87 - 12.89	AR30558 <M8>	4	1.7		Control	<b>0 258 003 060</b>	<b>0 258 986 502</b>	100,000
<b>907</b>	01.90 - 03.92	AR30737 <M6>	4	1.7		Control	<b>0 258 003 060</b>	<b>0 258 986 502</b>	100,000
	06.90 - 10.94	AR30747 <M9>	4	1.7		Control	<b>0 258 003 060</b>	<b>0 258 986 502</b>	100,000

**Alfa 75**

	02.86 - 02.92	AR 01911 KAT <M1>	6	2.5		Control	<b>0 258 003 005</b>	<b>0 258 986 502</b>	100,000
	02.87 - 01.90	AR 06124 KAT <M3>	6	3.0		Control	<b>0 258 003 061</b>	<b>0 258 986 502</b>	100,000
	09.87 - 02.92	AR 06166 KAT <M11>	4	2.0	09.87 - 05.90	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000

**Alfa 90**

	02.86 - 12.90	AR 01911	6	2.5		Control	<b>0 258 003 005</b>	<b>0 258 986 502</b>	100,000
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**Alfa 147**

<b>937</b>	11.00→	AR 32310 <M10>	4	2.0		Control	<b>0 258 006 376</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 388</b>	<b>0 258 986 615</b>	160,000
	06.05→	937A5000 <M92>	4	1.9		Control	<b>0 258 017 052</b>		250,000
	10.07→	937A6000 <M94>	4	1.9		Control	<b>0 258 017 052</b>		250,000

**Alfa 147 GTA**

<b>937</b>	01.03→	932A000 <M20>	6	3.2		LAB	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000
						RAB	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000

**Alfa 156**

<b>932</b>	10.97 - 09.00	AR32301 <M3>	4	2.0	12.97 - 09.00	Control	<b>0 258 006 190</b>	<b>0 258 986 615</b>	160,000				
		AR32401 <M4>	6	2.5		Control	<b>0 258 006 190</b>	<b>0 258 986 615</b>	160,000				
	09.00 - 12.01	AR32310 CF3 <M20>	4	2.0		Control	<b>0 258 006 376</b>	<b>0 258 986 615</b>	160,000				
						Diagnosis	<b>0 258 006 388</b>	<b>0 258 986 615</b>	160,000				
	01.02 - 10.05	AR32310 CF3 <M11>	4	2.0		Control	<b>0 258 006 376</b>	<b>0 258 986 615</b>	160,000				
						Diagnosis	<b>0 258 006 388</b>	<b>0 258 986 615</b>	160,000				
						937A1.000 <M10>	4	2.0		Diagnosis	<b>0 258 006 193</b>	<b>0 258 986 615</b>	160,000
									01.02 - 01.05	Control	<b>0 258 007 156</b>		160,000
								02.05 - 10.05	Control	<b>0 258 007 301</b>		160,000	
		AR32405 <M15>	6	2.5		LAB	Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000			
						RAB	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000			
									Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000	
	01.02 - 12.05	937A1.000 <M10>	4	2.0			Diagnosis	<b>0 258 006 193</b>	<b>0 258 986 615</b>	160,000			
									01.02 - 01.05	Control	<b>0 258 007 156</b>		160,000
									02.05 - 12.05	Control	<b>0 258 007 301</b>		160,000
	03.02 - 10.05	932A000 <M20>	6	3.2		LAB	Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000			
						RAB	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000			
									Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000	

**Alfa 159**

<b>939</b>	06.05→	939A5000 <M50 E4>	4	2.2		Control	<b>0 258 017 111</b>		250,000
						Diagnosis	<b>0 258 006 916</b>	<b>0 258 986 602</b>	250,000
	01.06→	939A000 <M61>	6	3.2		Control	<b>0 258 007 333</b>		250,000
						Diagnosis	<b>0 258 006 910</b>	<b>0 258 986 602</b>	250,000
	03.06→	939A5000 <M50 E4>	4	2.2		Control	<b>0 258 017 111</b>		250,000
						Diagnosis	<b>0 258 006 916</b>	<b>0 258 986 602</b>	250,000
		939A000 <M61>	6	3.2		Control	<b>0 258 007 333</b>		250,000
						Diagnosis	<b>0 258 006 910</b>	<b>0 258 986 602</b>	250,000

**Alfa 164**

<b>164</b>	04.88 - 09.92	AR 06412 <M4>	6	3.0	04.88 - 05.91	Control	<b>0 258 003 061</b>	<b>0 258 986 502</b>	100,000
					06.91 - 09.92	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	09.90 - 09.92	AR 64301 <M5>	6	3.0	09.90 - 05.91	Control	<b>0 258 003 061</b>	<b>0 258 986 502</b>	100,000
					06.91 - 09.92	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000

**Alfa 166**

<b>936</b>	10.98 - 09.00	AR 34301 <M15>	6	3.0		Control	<b>0 258 006 190</b>	<b>0 258 986 615</b>	160,000
	09.00→	AR 36101 <M17>	6	3.0		XEV	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>
						Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000
XEW						Control	<b>0 258 006 206</b>		160,000
						Diagnosis	<b>0 258 006 425</b>	<b>0 258 986 602</b>	160,000







<b>Brera</b>																
<b>939</b>	01.06→	939A5000 <M50>	4	2.2		Control	<b>0 258 017 111</b>		250,000							
						Diagnosis	<b>0 258 006 916</b>	<b>0 258 986 602</b>	250,000							
		939A000 <M61>	6	3.2			Control	<b>0 258 007 333</b>		250,000						
						Diagnosis	<b>0 258 006 910</b>	<b>0 258 986 602</b>	250,000							
<b>GT</b>																
<b>937</b>	10.03→	937A1000 <M5>	4	2.0			Diagnosis	<b>0 258 006 193</b>	<b>0 258 986 615</b>	160,000						
					10.03 - 01.05		Control	<b>0 258 007 156</b>		160,000						
						02.05→		Control	<b>0 258 007 302</b>		160,000					
		936A000 <M10>	6	3.2			LAB	Control	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000					
							Diagnosis	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000						
							RAB	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000					
								Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000					
	<b>GTV</b>															
<b>916</b>	04.95 - 04.98	AR 16201 <M1>	4	2.0			Control	<b>0 258 003 390</b>	<b>0 258 986 506</b>	160,000						
	11.96 - 07.00	AR 16102 <M4/M7>	6	3.0		11.96 - 02.98	Control	<b>0 258 003 390</b>	<b>0 258 986 506</b>	160,000						
						03.98 - 10.99	Control	<b>0 258 006 193</b>		160,000						
						11.99 - 07.00	Control	<b>0 258 006 190</b>	<b>0 258 986 615</b>	160,000						
	08.00 - 12.05	AR 32310 <M6>	4	2.0			Control	<b>0 258 006 376</b>	<b>0 258 986 615</b>	160,000						
							Diagnosis	<b>0 258 006 411</b>		160,000						
		AR 16105 <M7>	6	3.0			LAB	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000					
								Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000					
												RAB	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000
													Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000
	04.03 - 12.05	937A1.000 <M8>	4	2.0			Control	<b>0 258 007 156</b>		160,000						
							Diagnosis	<b>0 258 006 375</b>	<b>0 258 986 615</b>	160,000						
						936A6.000 <M9>	6	3.2			LAB	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
												Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000	
							RAB	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000					
								Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000					
<b>Spider</b>																
<b>916</b>	04.95 - 04.98	AR 16201 <M1>	4	2.0			Control	<b>0 258 003 390</b>	<b>0 258 986 506</b>	160,000						
	04.95 - 07.00	AR 16101 <M2/M4>	6	3.0		04.95 - 10.99	Control	<b>0 258 003 390</b>	<b>0 258 986 506</b>	160,000						
						11.99 - 05.00	Control	<b>0 258 003 390</b>	<b>0 258 986 506</b>	160,000						
						06.00 - 07.00	Control	<b>0 258 006 190</b>	<b>0 258 986 615</b>	160,000						
	08.00 - 03.03	AR 16105 CF3 <M7>	6	3.0			Control	<b>0 258 006 190</b>	<b>0 258 986 615</b>	160,000						
	08.00 - 02.06	AR 32310 CF3 <M6>	4	2.0			Control	<b>0 258 006 376</b>		160,000						
							Diagnosis	<b>0 258 006 411</b>		160,000						
	04.03 - 02.06	936A6.000 <M9>	6	3.2			LAB	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000					
								Diagnosis	<b>0 258 006 424</b>	<b>0 258 986 602</b>	160,000					
												RAB	Control	<b>0 258 006 389</b>	<b>0 258 986 615</b>	160,000
												Diagnosis	<b>0 258 006 391</b>	<b>0 258 986 602</b>	160,000	
<b>Sprint</b>																
	10.87 - 12.89	305.58 Kat.	4	1.7			Control	<b>0 258 003 060</b>	<b>0 258 986 502</b>	100,000						

**ASTON MARTIN**

<b>DB7</b>										
	03.99 - 08.02		12	5.9			Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000





**AUDI**

**A3**

<b>8L1</b>	09.96 - 06.01	AEH	4	1.6	09.96 - 03.97	Control	<b>0 258 005 143</b>	<b>0 258 986 505</b>	160,000	
		Chassis →8L..V..095 000								
			Chassis 8L..V..095 001→ 8L..W..150 000			04.97 - 07.98	Control	<b>0 258 005 079</b>	<b>0 258 986 505</b>	160,000
			Chassis 8L..X..000 001→			08.98 - 06.01	Control	<b>0 258 006 261</b>	<b>0 258 986 615</b>	160,000
			AGN							
			Chassis →8L..V..106 585	4	1.8	09.96 - 05.97	Control	<b>0 258 005 081</b>	<b>0 258 986 505</b>	160,000
			Chassis 8L..V..106 586→	4	1.8	05.97 - 06.01	Control	<b>0 258 005 236</b>	<b>0 258 986 505</b>	160,000
		12.96 - 06.03	AGU							
			Chassis →8L..V..150 000	4	1.8	12.96 - 07.97	Control	<b>0 258 003 740</b>	<b>0 258 986 505</b>	160,000
			Chassis 8L..W..000 001→	4	1.8	08.97 - 06.03	Control	<b>0 258 005 081</b>	<b>0 258 986 505</b>	160,000
		08.98 - 05.00	APP	4	1.8		Control	<b>0 258 006 249</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000
		08.98 - 04.03	APG	4	1.8		Control	<b>0 258 007 049</b>		160,000
							Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000
		05.00 - 04.02	AVU	4	1.6		Control	<b>0 258 007 063</b>		160,000
							Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000
		05.00 - 06.03	AUM	4	1.8		Control	<b>0 258 007 057</b>		160,000
							Diagnosis	<b>0 258 006 161</b>		160,000
		05.02 - 06.03	BFQ	4	1.6		Control	<b>0 258 007 063</b>		160,000
							Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000
<b>8P1</b>	01.04 - 08.04	BMB	4	2.0		Control	<b>0 258 017 012</b>		250,000	
		LAB				Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000	
			RAB	Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000			
		06.04 - 12.04	BLX	4	2.0		Control	<b>0 258 017 012</b>		250,000
						LAB	Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
						RAB	Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000
<b>8PA</b>	09.04 - 01.05	BLX	4	2.0		Control	<b>0 258 017 012</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
			RAB	Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000			
	09.04 - 10.05	AXX	4	2.0		Control	<b>0 258 017 044</b>		250,000	
						Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000	
<b>8P1</b>	09.04 - 10.05	BLY	4	2.0		Control	<b>0 258 017 176</b>		250,000	
						Diagnosis	<b>0 258 006 767</b>	<b>0 258 986 602</b>	250,000	
<b>8PA</b>	09.05→	BWA	4	2.0		Control	<b>0 258 017 044</b>		250,000	
						Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000	
	11.05 - 11.06	BVY	4	2.0		HI	Diagnosis	<b>0 258 006 738</b>	250,000	
						LAB,front	Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
						RAB,front	Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000
						XDV	Control	<b>0 258 017 010</b>	250,000	
						XDW	Control	<b>0 258 017 012</b>	250,000	
	11.06 - 05.07	BYT	4	1.8		Control	<b>0 258 017 012</b>		250,000	
<b>8P1</b>	11.06 - 06.07	BYT	4	1.8		Control	<b>0 258 017 012</b>		250,000	
<b>8PA</b>	06.07 - 05.08	BZB	4	1.8		Control	<b>0 258 017 012</b>		250,000	
<b>A3 Quattro</b>										
<b>8L1</b>	08.97 - 08.00	AGU	4	1.8		Control	<b>0 258 005 081</b>	<b>0 258 986 505</b>	160,000	
	08.98 - 06.99	AGN	4	1.8		Control	<b>0 258 005 236</b>	<b>0 258 986 505</b>	160,000	





<b>8P1</b>	07.03 - 08.04	BDB	6	3.2		KZA	Control	<b>0 258 017 180</b>		250,000											
						KZS	Control	<b>0 258 017 176</b>		250,000											
							Chassis														
							→8P..4..200000	07.03 - 05.04	KZA	Diagnosis	<b>0 258 006 613</b>	<b>0 258 986 602</b>	160,000								
									KZS	Diagnosis	<b>0 258 006 611</b>	<b>0 258 986 602</b>	160,000								
<b>8PA</b>	09.04 - 10.05	AXX	4	2.0			Control	<b>0 258 017 044</b>		250,000											
							Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000											
						BMJ	6	3.2		KZA	Control	<b>0 258 017 180</b>		250,000							
											Diagnosis	<b>0 258 006 835</b>		160,000							
										KZS	Control	<b>0 258 017 176</b>		250,000							
					Diagnosis	<b>0 258 006 683</b>	<b>0 258 986 602</b>	160,000													
<b>8P1</b>	09.04 - 10.05	BMJ	6	3.2		KZA	Control	<b>0 258 017 180</b>		250,000											
							Diagnosis	<b>0 258 006 835</b>		160,000											
						KZS	Control	<b>0 258 017 176</b>						250,000							
															Diagnosis	<b>0 258 006 683</b>	<b>0 258 986 602</b>	160,000			
																			Control	<b>0 258 017 176</b>	
<b>8PA</b>	11.05 - 05.07	BUB	6	3.2		KZA	Control	<b>0 258 017 180</b>		250,000											
							Diagnosis	<b>0 258 006 835</b>		160,000											
						KZS	Control	<b>0 258 017 176</b>						250,000							
															Diagnosis	<b>0 258 006 683</b>	<b>0 258 986 602</b>	160,000			
																			Control	<b>0 258 017 044</b>	
	11.05→	BWA	4	2.0		Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000												
<b>A3 1.9 TDI Sportback</b>																					
<b>8PA</b>	11.05→	BLS	4	1.9			Control	<b>0 281 004 042</b>		250,000											
<b>A4</b>																					
<b>8D2, B5</b>	11.94 - 07.98	AEB	4	1.8	08.97 - 07.98		Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000											
		Chassis	4	1.8	11.94 - 06.96		Control	<b>0 258 006 014</b>	<b>0 258 986 615</b>	160,000											
		→8D-T 300 000																			
		Chassis	4	1.8	07.96 - 07.97		Control	<b>0 258 003 740</b>	<b>0 258 986 505</b>	160,000											
		8D-V 000 001→																			
		8D-V 400 000																			
		ABC	6	2.6			Control	<b>0 258 003 524</b>	<b>0 258 986 502</b>	160,000											
		11.94 - 04.99	ADR	4	1.8	11.94 - 12.98		Control	<b>0 258 003 478</b>	<b>0 258 986 505</b>	160,000										
												Chassis	→8D..X..199 999								
												Chassis	8D..X..200 001→								
		03.96 - 12.98	ACK	6	2.8			Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000										
		08.97 - 07.98	AGA	6	2.4			Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000										
												ALF	6	2.4		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000		
		08.97 - 12.98	AJL	4	1.8			Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000										
		08.98 - 07.99	APS	6	2.4			Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000										
		08.98 - 06.00	APR	6	2.8			Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000										
		06.00 - 10.00	AMM	6	2.4			Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000										
												LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000					
												RAB	Diagnosis	<b>0 258 006 363</b>	<b>0 258 986 615</b>	160,000					
												Control	<b>0 258 007 090</b>		160,000						
<b>8E2, B6</b>	12.00 - 12.04	ALT	4	2.0			Control	<b>0 258 007 090</b>	<b>0 258 986 615</b>	160,000											
											Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000							
															Control	<b>0 258 007 113</b>		160,000			
											ASN	6	3.0				LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000
		Control	<b>0 258 007 113</b>		160,000																
		04.01 - 12.04	BBJ	6	3.0				Control	<b>0 258 007 113</b>	<b>0 258 986 615</b>	160,000									
													LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000				
																		RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>
													09.01 - 12.04	BDV	6	2.4				Control	<b>0 258 006 422</b>
LAB	Diagnosis																				
		RAB	Diagnosis	<b>0 258 006 363</b>	<b>0 258 986 615</b>	160,000															
<b>8H7, B6</b>	04.02 - 12.05	BFB	4	1.8			Control	<b>0 258 007 090</b>	<b>0 258 986 615</b>	160,000											
											Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000							
															Control	<b>0 258 007 113</b>		160,000			
											BBJ	6	3.0				LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000
Control	<b>0 258 007 113</b>		160,000																		

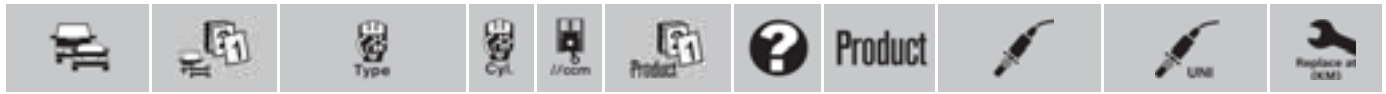




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<b>8E2, B6</b>	07.02 - 12.04	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
	11.02 - 12.04	BEX	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
<b>8EC, B7</b>	11.04 - 08.05	BGB	4	2.0		Control	<b>0 258 017 030</b>		250,000	
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000	
	11.04→	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
		ALT	4	2.0		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
	09.05→	BWE	4	2.0		Control	<b>0 258 017 030</b>		250,000	
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000	
<b>8HE, B7</b>	01.06→	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
		BWE	4	2.0		Control	<b>0 258 017 030</b>		250,000	
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000	
<b>A4 Avant</b>										
<b>8D5, B5</b>	11.94 - 07.98	ABC	6	2.6		Control	<b>0 258 003 524</b>	<b>0 258 986 502</b>	160,000	
	10.95 - 07.98	AEB	4	1.8	08.97 - 07.98	Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000	
		Chassis	4	1.8	10.95 - 06.96	Control	<b>0 258 006 014</b>	<b>0 258 986 615</b>	160,000	
		→8D-T 300 000								
		Chassis	4	1.8	07.96 - 07.97	Control	<b>0 258 003 740</b>	<b>0 258 986 505</b>	160,000	
		8D-V 000 001→								
		8D-V 400 000								
	03.96 - 07.98	ACK	6	2.8		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000	
	08.97 - 07.98	AGA	6	2.4		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000	
	08.97 - 09.01	AJL	4	1.8		Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000	
	08.98 - 06.00	APS	6	2.4		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
	06.00 - 09.01	AMM	6	2.4		Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000
						RAB	Diagnosis	<b>0 258 006 363</b>	<b>0 258 986 615</b>	160,000
<b>8E5, B6</b>	09.01 - 12.04	ALT	4	2.0		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
	07.02 - 12.04	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
	11.02 - 12.04	BEX	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
<b>8ED, B7</b>	11.04 - 08.05	BGB	4	2.0		Control	<b>0 258 017 030</b>		250,000	
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000	
	11.04→	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
		ALT	4	2.0		Control	<b>0 258 007 090</b>		160,000	
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000	
<b>A4 Quattro</b>										
<b>8D2, B5</b>	11.94 - 12.98	AEB	4	1.8	08.97 - 12.98	Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000	
		Chassis	4	1.8	11.94 - 06.96	Control	<b>0 258 006 014</b>	<b>0 258 986 615</b>	160,000	
		→8D-T 300 000								
		Chassis	4	1.8	07.96 - 07.97	Control	<b>0 258 003 740</b>	<b>0 258 986 505</b>	160,000	
		8D-V 000 001→								
		8D-V 400 000								
	11.94 - 04.99	ADR								
		Chassis	4	1.8	11.94 - 12.98	Control	<b>0 258 003 478</b>	<b>0 258 986 505</b>	160,000	
		→8D..X..199 999								
		Chassis	4	1.8	01.99 - 04.99	Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000	
		8D..X..200 001→								
	03.96 - 07.98	ACK	6	2.8		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000	
	08.97 - 07.98	AGA	6	2.4		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000	
	08.97 - 10.00	AJL	4	1.8		Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000	
02.99 - 06.00	APR	6	2.8		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000		
02.99 - 10.00	APS	6	2.4		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000		
<b>8E2, B6</b>	12.00 - 12.04	ASN	6	3.0		Control	<b>0 258 007 113</b>		160,000	
						LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000





<b>8E2, B6</b>	03.01 - 12.04	BBJ	6	3.0		Control	<b>0 258 007 113</b>		160,000		
						LAB	Diagnosis	<b>0 258 006 361</b>	<b>0 258 986 615</b>	160,000	
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000	
	07.02 - 12.04	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000		
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000		
<b>8EC, B7</b>	11.04 - 08.05	BGB	4	2.0		Control	<b>0 258 017 030</b>		250,000		
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000		
	11.04→	BFB	4	1.8		Control	<b>0 258 007 090</b>		160,000		
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000		
	09.05→	BWE	4	2.0		Control	<b>0 258 017 030</b>		250,000		
Diagnosis						<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000			
01.06→	ASB	6	3.0		Control	<b>0 281 004 038</b>		250,000			
<b>A4 Quattro Avant</b>											
<b>8D5, B5</b>	11.94 - 07.98	ABC	6	2.6		Control	<b>0 258 003 524</b>	<b>0 258 986 502</b>	160,000		
						11.94 - 04.99	ADR				
			Chassis	4	1.8	11.94 - 12.98	Control	<b>0 258 003 478</b>	<b>0 258 986 505</b>	160,000	
			→8D..X..199 999								
			Chassis	4	1.8	01.99 - 04.99	Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000	
		8D..X..200 001→									
	03.96 - 07.98	ACK	6	2.8		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000		
	08.97 - 09.01	AJL	4	1.8		Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000		
	08.98 - 09.01	APS	6	2.4		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000		
<b>8E5, B6</b>	09.01 - 06.02	AVJ	4	1.8		Control	<b>0 258 007 090</b>		160,000		
						Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000		
<b>8ED, B7</b>	11.04 - 08.05	BGB	4	2.0		Control	<b>0 258 017 030</b>		250,000		
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000		
	09.05→	BWE	4	2.0		Control	<b>0 258 017 030</b>		250,000		
					Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000			
<b>A4 2.0 TDI</b>											
<b>8K2, B8</b>	11.07→	CAGA	4	2.0		Control	<b>0 281 004 083</b>		250,000		
<b>A4 2.0 TDI Avant</b>											
<b>8ED, B7</b>	06.05→	BRE	4	2.0		Control	<b>0 281 004 062</b>		250,000		
<b>8K5, B8</b>	04.08→	CAGA	4	2.0		Control	<b>0 281 004 083</b>		250,000		
<b>A4 2.7 TDI</b>											
<b>8K2, B8</b>	11.07 - 05.08	CAMA	6	2.7		Control	<b>0 281 004 072</b>		250,000		
<b>A6</b>											
<b>4A2, C4</b>	06.94 - 10.97	ABC	6	2.6		Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000		
		AAH	6	2.8		Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000		
<b>4B2, C5</b>	04.97 - 07.98	ACK	6	2.8		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000		
		04.97 - 01.99	AGA								
			Chassis	6	2.4	04.97 - 12.98	Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000	
			→4B..X..067 801								
			Chassis	6	2.4	12.98 - 01.99	Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
			4B..X..068 801→								
	11.98 - 04.01	APS									
		Chassis	6	2.4	11.98 - 12.98	Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000		
		→4B..X..067 801									
		Chassis	6	2.4	12.98 - 04.01	Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000		
			4B..X..068 801→								
06.01 - 05.04	APR										
	Chassis	6	2.8	11.98 - 12.98	Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000			
	→4B..X..067 801										
	Chassis	6	2.8	12.98 - 04.01	Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000			
		4B..X..068 801→									
06.01 - 05.04	BDV	6	2.4			Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000		
						LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000	
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000	
	ASN	6	3.0				Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000	
							LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000
							RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000
BBJ	6	3.0				Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000		
						LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000	
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000	





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<b>4F2, C6</b>	04.04 - 05.06	BBJ	6	3.0		Control	<b>0 258 007 353</b>			
						XEV	Diagnosis	<b>0 258 006 661</b>	<b>0 258 986 602</b>	160,000
						XEW	Diagnosis	<b>0 258 006 659</b>	<b>0 258 986 602</b>	160,000
	04.04 - 05.07	AUK	6	3.2		XEV	Diagnosis		<b>0 258 986 507</b>	160,000
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000
	04.04→	BDW	6	2.4		XEV	Diagnosis		<b>0 258 986 507</b>	160,000
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000
	06.05→	BPJ	4	2.0			Control	<b>0 258 017 030</b>		250,000
							Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000
	11.06→	BDX	6	2.8		XEV	Diagnosis		<b>0 258 986 507</b>	160,000
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000
<b>A6 Avant</b>										
<b>4A5, C4</b>	06.94 - 06.96	ABC	6	2.6			Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000
<b>4B5, C5</b>	04.97 - 01.99	AGA	6	2.4	04.97 - 12.98		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
							Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
	02.98 - 07.98	ACK	6	2.8			Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
	11.98 - 06.00	APS	6	2.4	11.98 - 12.98		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
							Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
<b>4F5, C6</b>	03.05→	BDW	6	2.4		XEV	Diagnosis		<b>0 258 986 507</b>	160,000
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000
	06.05→	BPJ	4	2.0			Control	<b>0 258 017 030</b>		250,000
							Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000
<b>4FH, C6</b>	05.06→	ASB	6	3.0			Control	<b>0 281 004 054</b>		250,000
<b>A6 Quattro</b>										
<b>4A2, C4</b>	06.94 - 10.97	ABC	6	2.6			Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000
		AAH	6	2.8			Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000
<b>4B2, C5</b>	04.97 - 12.98	ACK	6	2.8			Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
	11.98 - 06.99	APS	6	2.4	11.98 - 12.98		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
							Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
	01.99 - 05.01	APR	6	2.8			Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
<b>4B4, C5</b>	04.99 - 05.01	ARS	8	4.2			Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
	06.00 - 05.04	ASG	8	4.2			Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
						RAB	Diagnosis	<b>0 258 006 371</b>	<b>0 258 986 615</b>	160,000
<b>4B2, C5</b>	06.01 - 05.04	ASN	6	3.0			Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000
						LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000
<b>4F2, C6</b>	04.04 - 05.06	BMK	6	3.0			Control	<b>0 281 004 054</b>		250,000
		BAT	8	4.2			Control	<b>0 258 007 256</b>		250,000
						XEX	Diagnosis	<b>0 258 006 661</b>	<b>0 258 986 602</b>	160,000
						XEY	Diagnosis	<b>0 258 006 659</b>	<b>0 258 986 602</b>	160,000
	04.04→	AUK	6	3.2		XEV	Diagnosis		<b>0 258 986 507</b>	160,000
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000
	06.06→	ASB	6	3.0			Control	<b>0 281 004 054</b>		250,000
	11.06→	BDX	6	2.8		XEV	Diagnosis		<b>0 258 986 507</b>	160,000
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000
<b>A6 Quattro Avant</b>										
<b>4B5, C5</b>	11.98 - 06.99	APS	6	2.4	11.98 - 12.98		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
							Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000





<b>4BH, C5</b>	05.00 - 06.02	ARE	Chassis →4B..1..200 000	6	2.7	05.00 - 06.01	Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000				
							LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000			
							RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000			
	07.01 - 06.02	Chassis 4B..2..000 001→	6	2.7	07.01 - 06.02	Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000					
						LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000				
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000				
	07.02 - 08.05	BES	6	2.7		Control	<b>0 258 006 422</b>	<b>0 258 986 615</b>	160,000					
						LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000				
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000				
		BAS	8	4.2		Control	<b>0 258 007 097</b>		160,000					
						LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000				
						RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000				
04.03 - 08.05	BAS	8	4.2		Control	<b>0 258 007 097</b>		160,000						
					LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000					
					RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000					
<b>4F5, C6</b>	03.05→	AUK	6	3.2		XEV	Diagnosis		<b>0 258 986 507</b>	160,000				
						XEW	Diagnosis		<b>0 258 986 507</b>	160,000				
<b>A8</b>														
<b>4D2, D2</b>	06.94 - 03.96	AAH	6	2.8			Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000				
							Diagnosis	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000				
	07.95 - 12.98	AEW	8	3.7			Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000				
							Diagnosis	<b>0 258 003 823</b>	<b>0 258 986 505</b>	160,000				
	05.97 - 12.98	AKJ												
	Chassis →4B..X..004 999	8	3.7	05.97 - 10.98		Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000					
	Chassis 4D..X..005 001→	8	3.7	10.98 - 12.98		Control	<b>0 258 006 159</b>	<b>0 258 986 615</b>	160,000					
<b>A8 Quattro</b>														
<b>4D2, D2</b>	06.94 - 12.98	ABZ	Chassis →4B..X..004 999	8	4.2	06.94 - 10.98	Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000				
							Chassis 4D..X..005 001→	8	4.2	10.98 - 12.98	Control	<b>0 258 006 159</b>	<b>0 258 986 615</b>	160,000
							10.98 - 02.01	AQF	8	4.2		Control	<b>0 258 006 159</b>	<b>0 258 986 615</b>
						LAB	Diagnosis	<b>0 258 006 406</b>	<b>0 258 986 615</b>	160,000				
						RAB	Diagnosis	<b>0 258 006 404</b>	<b>0 258 986 615</b>	160,000				
<b>4E, D3</b>	11.02 - 05.06	BFL	8	3.7			LAB	Control	<b>0 258 007 191</b>	160,000				
								Diagnosis	<b>0 258 006 525</b>	<b>0 258 986 615</b>	160,000			
							RAB	Control	<b>0 258 007 193</b>	160,000				
								Diagnosis	<b>0 258 006 527</b>	<b>0 258 986 615</b>	160,000			
							LAB	Control	<b>0 258 007 191</b>	160,000				
								Diagnosis	<b>0 258 006 525</b>	<b>0 258 986 615</b>	160,000			
		RAB	Control	<b>0 258 007 193</b>	160,000									
						Diagnosis	<b>0 258 006 527</b>	<b>0 258 986 615</b>	160,000					
	01.04→	ASB	6	3.0			Control	<b>0 281 004 012</b>		250,000				
	02.04→	BHT	12	6.0			XEV	Diagnosis	<b>0 258 006 663</b>	<b>0 258 986 602</b>	160,000			
							XEW	Diagnosis	<b>0 258 006 665</b>	<b>0 258 986 602</b>	160,000			
							Z02	Diagnosis	<b>0 258 006 669</b>		160,000			
							Z79	Diagnosis	<b>0 258 006 667</b>		160,000			
			Chassis →4E..7..017 624	12	6.0	02.04 - 03.07		XEV	Control	<b>0 258 007 177</b>	250,000			
							XEW	Control	<b>0 258 007 357</b>		250,000			
							Z02	Control	<b>0 258 007 361</b>		250,000			
							Z79	Control	<b>0 258 007 361</b>		250,000			
			Chassis 4E..7..017 625→	12	6.0	04.07→		XEV	Control	<b>0 258 007 363</b>	250,000			
					XEW	Control	<b>0 258 007 363</b>		250,000					
					Z02	Control	<b>0 258 007 363</b>		250,000					
					Z79	Control	<b>0 258 007 363</b>		250,000					
07.05→	BVN	8	4.2			LAB	Control	<b>0 281 004 012</b>	250,000					
						RAB	Control	<b>0 281 004 014</b>	250,000					
06.06→	BVJ	8	4.2			XEX	Control	<b>0 258 007 363</b>		250,000				
							Diagnosis	<b>0 258 006 919</b>	<b>0 258 986 602</b>	160,000				
						XEY	Control	<b>0 258 007 363</b>		250,000				
						Diagnosis	<b>0 258 006 797</b>		160,000					





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Cabriolet										
<b>8G7, B4</b>	01.93 - 09.98	ABK	4	2.0	w/ cat	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
					w/o cat	Control	<b>0 258 003 995</b>	<b>0 258 986 504</b>	80,000	
	01.94 - 08.00	ABC	6	2.6		Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000	
Q7										
<b>4LB</b>	03.06 - 05.08	BAR	8	4.2	LAB	Control	<b>0 258 007 361</b>		250,000	
						Diagnosis	<b>0 258 006 849</b>	<b>0 258 986 602</b>	160,000	
					RAB	Control	<b>0 258 007 361</b>		250,000	
						Diagnosis	<b>0 258 006 851</b>	<b>0 258 986 602</b>	160,000	
	08.06 - 09.07	BUG	6	3.0		Control	<b>0 281 004 036</b>		250,000	
	03.07 →	BHK	6	3.6	LAB	Control	<b>0 258 017 178</b>		250,000	
						Diagnosis	<b>0 258 006 839</b>	<b>0 258 986 602</b>	160,000	
					RAB	Control	<b>0 258 017 176</b>		250,000	
						Diagnosis	<b>0 258 006 837</b>	<b>0 258 986 602</b>	160,000	
		BTR	8	4.2	LAB	Control	<b>0 281 004 075</b>		250,000	
						RAB	Control	<b>0 281 004 077</b>		250,000
RS4										
<b>8D5, B5</b>	05.00 - 10.00	ASJ	6	2.7		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	
	11.00 - 09.01	AZR	6	2.7		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	
<b>8ED, B7</b>	05.06 →	BNS	8	4.2	XEX	Control	<b>0 258 007 363</b>		250,000	
						Diagnosis	<b>0 258 006 683</b>	<b>0 258 986 602</b>	160,000	
					XEY	Control	<b>0 258 007 363</b>		250,000	
						Diagnosis	<b>0 258 006 835</b>		160,000	
RS6										
<b>4B6</b>	05.02 - 04.04	BCY	8	4.2		Control	<b>0 258 006 544</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	
<b>4B4</b>	07.02 - 04.04	BCY	8	4.2		Control	<b>0 258 006 544</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	
<b>4B6</b>	04.04 - 09.04	BRV	8	4.2		Control	<b>0 258 006 544</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	
R8 Quattro										
<b>423</b>	04.07 →	BYH	8	4.2	XEX	Control	<b>0 258 007 326</b>		250,000	
						Diagnosis	<b>0 258 006 869</b>	<b>0 258 986 602</b>	250,000	
					XEY	Control	<b>0 258 007 363</b>		250,000	
						Diagnosis	<b>0 258 006 785</b>	<b>0 258 986 602</b>	250,000	
S3										
<b>8L1</b>	08.98 - 08.00	APY	4	1.8		Control	<b>0 258 006 332</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000	
	08.01 - 06.03	BAM	4	1.8		Control	<b>0 258 007 097</b>		160,000	
						Diagnosis	<b>0 258 006 334</b>	<b>0 258 986 615</b>	160,000	
<b>8P1</b>	11.06 →	BHZ	4	2.0		Control	<b>0 258 017 044</b>		250,000	
						Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000	
S3 2.0 TFSI quattro										
<b>8P1</b>	02.07 →	BZC	4	2.0		Control	<b>0 258 017 044</b>		250,000	
						Diagnosis	<b>0 258 010 015</b>	<b>0 258 986 602</b>	250,000	
S4										
<b>4A2, C4</b>	07.92 - 07.94	AAN	5	2.2	w/ cat	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
					w/o cat	Control	<b>0 258 003 995</b>	<b>0 258 986 504</b>	80,000	
<b>8D2, B5</b>	10.97 - 10.00	AGB	6	2.7		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	
<b>8D5, B5</b>	10.97 - 09.01	AGB	6	2.7		Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
						LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000	







<b>8E2, B6</b>	03.03 - 12.04	BBK	8	4.2	Control	<b>0 258 007 097</b>		160,000	
					LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000
<b>8E5, B6</b>	03.03 - 12.04	BBK	8	4.2	Control	<b>0 258 007 097</b>		160,000	
					LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000
<b>8H7, B7</b>	02.04 - 12.05	BBK	8	4.2	Control	<b>0 258 007 097</b>		160,000	
					LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000
<b>8ED, B7</b>	11.04→	BBK	8	4.2	Control	<b>0 258 007 097</b>		160,000	
					LAB	Diagnosis	<b>0 258 006 444</b>	<b>0 258 986 615</b>	160,000
					RAB	Diagnosis	<b>0 258 006 442</b>	<b>0 258 986 615</b>	160,000
<b>S5</b>									
<b>8T3</b>	06.07→	CAUA	8	4.2	Control	<b>0 258 007 330</b>		250,000	
					Diagnosis	<b>0 258 006 887</b>	<b>0 258 986 602</b>	160,000	
<b>S6</b>									
<b>4B4, C5</b>	09.99 - 05.01	AQJ	8	4.2	Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
					Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000	
	06.01 - 05.04	ANK	8	4.2	LAB	Diagnosis	<b>0 258 006 283</b>	160,000	
					RAB	Diagnosis	<b>0 258 006 285</b>	160,000	
<b>4F2, C6</b>	06.06→	BXA	10	5.2	XEV	Diagnosis	<b>0 258 006 887</b>	<b>0 258 986 602</b>	160,000
					X45	Diagnosis	<b>0 258 006 889</b>	<b>0 258 986 602</b>	160,000
					X68	Diagnosis	<b>0 258 006 891</b>	<b>0 258 986 602</b>	160,000
					X90	Diagnosis	<b>0 258 006 893</b>	<b>0 258 986 602</b>	160,000
	Chassis →4F..7..200 000	06.06 - 05.07	10	5.2	XEV	Control	<b>0 258 007 330</b>		250,000
					X45	Control	<b>0 258 007 326</b>		250,000
					X68	Control	<b>0 258 007 328</b>		250,000
					X90	Control	<b>0 258 007 324</b>		250,000
	Chassis 4F..8..000 001→	06.07→	10	5.2	XEV	Control	<b>0 258 017 178</b>		250,000
					X45	Control	<b>0 258 017 151</b>		250,000
					X68	Control	<b>0 258 017 178</b>		250,000
					X90	Control	<b>0 258 017 155</b>		250,000
<b>S8</b>									
<b>4D2</b>	09.96 - 12.98	AHC	8	4.2	Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000	
					Control	<b>0 258 006 159</b>	<b>0 258 986 615</b>	160,000	
	09.00 - 09.02	AVP	8	4.2	Diagnosis	<b>0 258 006 281</b>		160,000	
<b>4E2</b>	06.06→	BSM	10	5.2	KZA,X90	Control	<b>0 258 007 363</b>		250,000
					KZG,XEV	Control	<b>0 258 017 178</b>		250,000
					KZG,X45	Control	<b>0 258 017 182</b>		250,000
					KZS,XEV	Control	<b>0 258 007 256</b>		250,000
					KZS,X45	Control	<b>0 258 007 363</b>		250,000
					KZS,X68	Control	<b>0 258 007 320</b>		250,000
					KZU,X68	Control	<b>0 258 017 178</b>		250,000
					KZU,X90	Control	<b>0 258 017 182</b>		250,000
					X05	Diagnosis	<b>0 258 006 889</b>	<b>0 258 986 602</b>	160,000
					X07	Diagnosis	<b>0 258 006 887</b>	<b>0 258 986 602</b>	160,000
					<b>TT</b>				
<b>8N3</b>	07.98 - 08.00	AJQ	4	1.8	Control	<b>0 258 006 243</b>		160,000	
					Control	<b>0 258 006 249</b>	<b>0 258 986 615</b>	160,000	
	07.98 - 08.01	APX	4	1.8	Control	<b>0 258 006 332</b>	<b>0 258 986 615</b>	160,000	
					Diagnosis	<b>0 258 006 237</b>		160,000	
	09.00 - 05.05	ARY	4	1.8	Control	<b>0 258 007 109</b>		160,000	
					Diagnosis	<b>0 258 006 334</b>	<b>0 258 986 615</b>	160,000	
	09.00 - 06.06	AUQ	4	1.8	Control	<b>0 258 007 057</b>		160,000	
					Diagnosis	<b>0 258 006 161</b>	<b>0 258 986 615</b>	160,000	
					Diagnosis	<b>0 258 006 245</b>		160,000	
					Control	<b>0 258 007 097</b>		160,000	
					Chassis →8N..1..034 000	09.00 - 02.01	4	1.8	Diagnosis
Chassis 8N..1..034 001→	03.01 - 06.06	4	1.8	Diagnosis	<b>0 258 006 334</b>	<b>0 258 986 615</b>	160,000		



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<b>8N3</b>	01.01 - 06.06	AUM	4	1.8		Control	<b>0 258 007 057</b>		160,000						
					01.01 - 08.02	Diagnosis	<b>0 258 006 161</b>	<b>0 258 986 615</b>	160,000						
					09.02 - 06.06	Diagnosis	<b>0 258 006 245</b>		160,000						
<b>8J3</b>	07.06→	BWA	4	2.0		Control	<b>0 258 017 044</b>		250,000						
						Diagnosis	<b>0 258 006 869</b>	<b>0 258 986 602</b>	250,000						
<b>TT Quattro</b>															
<b>8N3</b>	07.03 - 06.06	BHE	6	3.2		KZA	Control	<b>0 258 007 235</b>		250,000					
							Diagnosis	<b>0 258 006 589</b>	<b>0 258 986 602</b>	160,000					
						KZS	Control	<b>0 258 007 237</b>		250,000					
							Diagnosis	<b>0 258 006 591</b>	<b>0 258 986 602</b>	160,000					
<b>8J3</b>	07.06→	BUB	6	3.2		KZA	Control	<b>0 258 017 180</b>		250,000					
							Diagnosis	<b>0 258 006 865</b>	<b>0 258 986 602</b>	250,000					
						KZS	Control	<b>0 258 017 176</b>		250,000					
							Diagnosis	<b>0 258 006 867</b>	<b>0 258 986 602</b>	250,000					
<b>TT Quattro Roadster</b>															
<b>8N9</b>	03.99 - 08.01	APX	4	1.8			Control	<b>0 258 006 332</b>	<b>0 258 986 615</b>	160,000					
							Diagnosis	<b>0 258 006 237</b>		160,000					
	09.00 - 05.05	ARY	4	1.8				Control	<b>0 258 007 109</b>		160,000				
								Diagnosis	<b>0 258 006 334</b>	<b>0 258 986 615</b>	160,000				
	09.00 - 06.06	BAM	4	1.8				Control	<b>0 258 007 097</b>		160,000				
								Chassis							
								→8N..1..034 000	4	1.8	09.00 - 02.01	Diagnosis	<b>0 258 006 296</b>	<b>0 258 986 615</b>	160,000
	07.03 - 06.06	BHE	6	3.2				Chassis							
								8N..1..034 001→	4	1.8	03.01 - 06.06	Diagnosis	<b>0 258 006 334</b>	<b>0 258 986 615</b>	160,000
	<b>8J9</b>	02.07→	BUB	6	3.2		KZA	Control	<b>0 258 017 180</b>		250,000				
Diagnosis								<b>0 258 006 865</b>	<b>0 258 986 602</b>	250,000					
KZS							Control	<b>0 258 017 176</b>		250,000					
							Diagnosis	<b>0 258 006 867</b>	<b>0 258 986 602</b>	250,000					
<b>TT Roadster</b>															
<b>8N9</b>	08.00 - 06.06	AUQ	4	1.8			Control	<b>0 258 007 057</b>		160,000					
							08.00 - 08.02	Diagnosis	<b>0 258 006 161</b>	<b>0 258 986 615</b>	160,000				
							09.02 - 06.06	Diagnosis	<b>0 258 006 245</b>		160,000				
<b>8J9</b>	02.07→	BWA	4	2.0			Control	<b>0 258 017 044</b>		250,000					
							Diagnosis	<b>0 258 006 869</b>	<b>0 258 986 602</b>	250,000					
<b>V8 Quattro</b>															
<b>44, 4C, D11</b>	09.90 - 12.92	PT	8	3.6	09.90 - 07.91	w/ cat	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000					
							→4C..M..020 000	w/o cat	Control	<b>0 258 003 995</b>	<b>0 258 986 504</b>	80,000			
							Chassis	8	3.6	08.91 - 12.92	w/ cat	Control	<b>0 258 003 957</b>		100,000
											w/o cat	Control	<b>0 258 003 995</b>		80,000
<b>80</b>															
<b>81, 85, B2</b>	08.83 - 03.87	JN	4	1.8			Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000					
<b>89, 8A2, B3</b>	09.86 - 12.91	JN	4	1.8			Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000					
	09.87 - 07.88	SD	4	1.9			Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000					
							08.88 - 10.90	3A	4	2.0		w/ cat	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>
							w/o cat	Control	<b>0 258 003 995</b>	<b>0 258 986 504</b>	80,000				
<b>8C2, B4</b>	09.91 - 11.94	NG	5	2.3			Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000					
	09.91 - 05.95	ABK	4	2.0			w/ cat	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000				
							w/o cat	Control	<b>0 258 003 995</b>	<b>0 258 986 504</b>	80,000				
	AAH	Chassis	6	2.8	09.91 - 07.92			Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000				
→8C..N..300 000															
Chassis															
							8C..P..000 001→	6	2.8	08.92 - 05.95	Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000	
07.92 - 05.95	ABC	6	2.6				w/ cat	Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000				
							w/o cat	Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000				
<b>80 Quattro</b>															
<b>89, 8A2, B3</b>	09.86 - 07.88	SD	4	1.9			Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000					
<b>8C2, B4</b>	09.91 - 11.94	NG	5	2.3			Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000					



<b>8C2, B4</b>	09.91 - 12.94	ABK	4	2.0		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
	09.91 - 05.95	AAH								
		Chassis →8C..P..190 000	6	2.8	09.91 - 02.93		Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000
		Chassis 8C..P..190 001→	6	2.8	03.93 - 05.95		Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000
	07.92 - 05.95	ABC								
		Chassis →8C..S..025 820	6	2.6	07.92 - 07.94		Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000
	Chassis 8C..S..025 821→	6	2.6	08.94 - 05.95		Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000	
	02.93 - 05.95	ABY	5	2.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>80 2.2</b>										
<b>81, 85, B2</b>	10.80 - 08.83	WE	5	2.2		Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000	
<b>90</b>										
<b>89, 8A2, B3</b>	04.87 - 12.91	NG	5	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
	08.88 - 12.91	7A	5	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>90 Quattro</b>										
<b>89, 8A2, B3</b>	04.87 - 09.91	NG	5	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
	07.88 - 09.91	7A	5	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>100</b>										
<b>44, 44Q, C3</b>	09.84 - 12.90	KU	5	2.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
	08.86 - 11.90	NF	5	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
	10.86 - 12.90	NF	5	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>4A2, C4</b>	12.90 - 07.94	AAH	6	2.8		Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000	
						w/ cat	Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000
						w/o cat	Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000
	04.92 - 07.94	ABC	6	2.6		w/ cat	Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000
						w/o cat	Control	<b>0 258 003 396</b>	<b>0 258 986 502</b>	160,000
<b>100 Quattro</b>										
<b>44, 44Q, C3</b>	08.84 - 11.90	KU	5	2.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>4A2, C4</b>	03.92 - 07.94	ABC	6	2.6		Control	<b>0 258 003 508</b>	<b>0 258 986 502</b>	160,000	
<b>200</b>										
<b>43, C2</b>	08.81 - 09.82	KJ	5	2.2		Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000	
<b>44, C3</b>	08.83 - 09.86	JY	5	2.2		Control		<b>0 258 986 501</b>	80,000	
	08.85 - 12.91	MC	5	2.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>200 Quattro</b>										
<b>44, C3</b>	01.85 - 12.90	MC	5	2.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>BENTLEY</b>										
<b>Brooklands</b>										
	07.93 - 07.98	L 410 MN 1T	8	6.8		Ascertain in vehicle	Control	<b>0 258 003 645</b>	<b>0 258 986 505</b>	160,000
								<b>0 258 003 746</b>	<b>0 258 986 505</b>	160,000
<b>Continental GT</b>										
	06.03→		12	6.0			Control	<b>0 258 006 617</b>	<b>0 258 986 602</b>	160,000
<b>Continental R Cabriolet</b>										
	03.91 - 07.95	L 410 IT	8	6.8			Control	<b>0 258 003 645</b>	<b>0 258 986 505</b>	160,000
<b>Mulsanne</b>										
	01.81 - 12.86	V8 <OHV>	8	6.8	01.81 - 03.83		Control		<b>0 258 986 501</b>	80,000
					04.83 - 12.86		Control		<b>0 258 986 501</b>	80,000
<b>Turbo R</b>										
	04.93 - 07.95	L 410 MT	8	6.8			Control	<b>0 258 003 330</b>	<b>0 258 986 507</b>	160,000
	07.95 - 07.99	L 410 MT 1T	8	6.8		Ascertain in vehicle	Control	<b>0 258 003 645</b>	<b>0 258 986 505</b>	160,000
								<b>0 258 003 746</b>	<b>0 258 986 505</b>	160,000





**BMW**

M 3 Coupe																	
E 92	05.07→	S65 B40A	8	4.0			Control	<b>0 258 017 038</b>		250,000							
							Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000							
M 6 Cabrio																	
E 64	11.06→	S85 B50A	10	5.0			Control	<b>0 258 017 051</b>		250,000							
							Diagnosis	<b>0 258 005 339</b>	<b>F 00H L00 057</b>	160,000							
M3																	
E 36	09.92 - 09.95	30 6S 1 <S 50 B 30..>	6	3.0			LAB	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000						
							RAB	Control	<b>0 258 005 327</b>	<b>0 258 986 503</b>	100,000						
	10.95 - 12.98	32 6S 1/3 <S 50 B 32..>	6	3.2			XEV	Control	<b>0 258 003 748</b>	<b>0 258 986 505</b>	160,000						
							XEW	Control	<b>0 258 003 749</b>	<b>0 258 986 505</b>	160,000						
E 46	09.00 - 09.06	32 6S 4 <S 54 B 32>	6	3.2			LAB	Diagnosis	<b>0 258 005 281</b>	<b>0 258 986 505</b>	160,000						
							RAB	Diagnosis	<b>0 258 003 771</b>	<b>0 258 986 505</b>	160,000						
							XEV	Control	<b>0 258 003 751</b>	<b>0 258 986 505</b>	160,000						
							XEW	Control	<b>0 258 005 139</b>	<b>0 258 986 505</b>	160,000						
M3 Cabriolet																	
E 46	04.01 - 03.07	32 6S 4 <S 54 B 32>	6	3.2			LAB	Diagnosis	<b>0 258 005 281</b>	<b>0 258 986 505</b>	160,000						
							RAB	Diagnosis	<b>0 258 003 771</b>	<b>0 258 986 505</b>	160,000						
							XEV	Control	<b>0 258 003 751</b>	<b>0 258 986 505</b>	160,000						
							XEW	Control	<b>0 258 005 139</b>	<b>0 258 986 505</b>	160,000						
M3 CSL																	
E 46	03.03 - 12.03	32 6S 4 <S 54 B 32>	6	3.2			LAB	Diagnosis	<b>0 258 005 281</b>	<b>0 258 986 505</b>	160,000						
							RAB	Diagnosis	<b>0 258 003 771</b>	<b>0 258 986 505</b>	160,000						
							XEV	Control	<b>0 258 003 751</b>	<b>0 258 986 505</b>	160,000						
							XEW	Control	<b>0 258 005 139</b>	<b>0 258 986 505</b>	160,000						
M5																	
E 34	10.88 - 12.93	36 6S 1 <S 38 B 36..>	6	3.5			Control	<b>0 258 005 313</b>	<b>0 258 986 506</b>	100,000							
E 39	10.98 - 07.03	50 8S 1	8	5.0			Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000							
							Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000							
E 60	11.04→	S85 B50A	10	5.0			Control	<b>0 258 017 051</b>		250,000							
							Diagnosis	<b>0 258 005 339</b>	<b>F 00H L00 057</b>	160,000							
M6																	
E 63	03.05→	S85 B50A	10	5.0			Control	<b>0 258 017 051</b>		250,000							
							Diagnosis	<b>0 258 005 339</b>	<b>F 00H L00 057</b>	160,000							
X 5																	
E 70	10.07→	30 6D 5	6	3.0			Control	<b>0 281 004 066</b>		250,000							
X 6 35 d																	
E 71	05.08→	30 6D 5	6	3.0			Control	<b>0 281 004 066</b>		250,000							
X3																	
E 83	01.04 - 09.06	30 6S 3 <M 54>	6	3.0			XEV	Control	<b>0 258 005 336</b>		160,000						
								Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000						
							XEW	Control	<b>0 258 005 337</b>	<b>F 00H L00 057</b>	160,000						
								Diagnosis	<b>0 258 005 310</b>		160,000						
							03.04 - 09.06	25 6S 5 <M 54>	6	2.5			XEV	Control	<b>0 258 005 336</b>		160,000
														Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000
	XEW	Control	<b>0 258 005 337</b>	<b>F 00H L00 057</b>	160,000												
												Diagnosis	<b>0 258 005 310</b>		160,000		
	09.05→	30 6D 3 <M 57N2>	6	3.0	09.05 - 09.06			Control	<b>0 281 004 019</b>		250,000						
								10.06→	EU3	Control	<b>0 281 004 028</b>		250,000				
	09.06→	N52 B25... <NG6>	6	2.5				EU4	Control	<b>0 281 004 018</b>		250,000					
								XEV	Control	<b>0 258 017 098</b>		250,000					
								Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000						
XEW								Control	<b>0 258 017 129</b>		250,000						
								Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000						
N52 B30... <NG6>								6	3.0	XEV	Control	<b>0 258 017 098</b>		250,000			
				Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000										
			XEW	Control	<b>0 258 017 129</b>		250,000										
				Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000										





X5										
<b>E 53</b>	03.99 - 09.03	44 8S 2 <M 62 B 44>	8	4.4		Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000	
	10.99 - 10.06	30 6S 3 <M 54>	6	3.0		Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
	02.02 - 09.03	46 8S 1	8	4.6		Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000	
	10.03 - 10.06	30 6D 2 <M 57N> N62 B44A <NGV8>	6	3.0		Control	<b>0 281 004 018</b>		250,000	
			8	4.4	XEX	Control	<b>0 258 007 254</b>		250,000	
						Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000	
					XEY	Control	<b>0 258 007 255</b>		250,000	
	03.04 - 10.06	N62 B48A <NGV8>	8	4.8	XEX	Control	<b>0 258 007 254</b>		250,000	
						Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000	
					XEY	Control	<b>0 258 007 255</b>		250,000	
<b>E 70</b>	11.06→	N52 B30... <NG6>	6	3.0		XEV	Control	<b>0 258 017 098</b>	250,000	
							Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000
					XEW	Control	<b>0 258 017 101</b>		250,000	
						Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000	
		N62 B48B <NGV8>	8	4.8	XEX	Control	<b>0 258 017 126</b>		250,000	
						Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000	
					XEY	Control	<b>0 258 017 124</b>		250,000	
						Diagnosis	<b>0 258 006 864</b>		250,000	
	03.07→	30 6D 3 <M 57N2>	6	3.0		Control	<b>0 281 004 018</b>		250,000	
Z3										
<b>E 36/7</b>	09.95 - 12.99	19 4S 1 <M 44 B 19>	4	1.9		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 003 752</b>	<b>0 258 986 505</b>	160,000	
	11.96 - 09.00	28 6S 1/2 <M 52 B 28>	6	2.8	11.96 - 09.98 10.98 - 09.00	Diagnosis	<b>F 00E 261 264</b>			
							Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
						LAB	Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000
						RAB	Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000
	04.99 - 12.00	20 6S 4 <M 52 B 20>	6	2.0		Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
						LAB	Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000
						RAB	Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000
	05.00 - 12.02	30 6S 3 <M 54>	6	3.0	05.00 - 09.00	A/T	Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000
						LAB,RHG	Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000
						M/T	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
						RAB,RHG	Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000
						RAG,XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000
						RAG,XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
					10.00 - 12.02	Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
						XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000
						XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
	09.00 - 12.02	22 6S 1 <M 54>	6	2.2		Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
						XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000
						XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
Z4										
<b>E 85</b>	10.02 - 01.06	25 6S 5 <M 54>	6	2.5		XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000
						XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
							Diagnosis	<b>0 258 005 310</b>		160,000
		30 6S 3 <M 54>	6	3.0		XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000
						XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000
							Diagnosis	<b>0 258 005 310</b>		160,000
	02.06→	N52 B30... <NG6>	6	3.0		XEV	Control	<b>0 258 017 098</b>		250,000
							Diagnosis	<b>0 258 006 755</b>	<b>0 258 986 602</b>	250,000
						XEW	Control	<b>0 258 017 099</b>		250,000
							Diagnosis	<b>0 258 006 792</b>	<b>0 258 986 602</b>	250,000
	03.06→	32 6S 4 <S 54>	6	3.2		Control	<b>0 258 017 092</b>		250,000	
						LAB	Diagnosis	<b>0 258 005 343</b>	<b>F 00H L00 057</b>	160,000
						RAB	Diagnosis	<b>0 258 005 342</b>	<b>F 00H L00 057</b>	160,000





◀ BMW

<b>E 86</b>	03.06→	N52 B30... <NG6>	6	3.0	XEV	Control	<b>0 258 017 098</b>		250,000				
						Diagnosis	<b>0 258 006 755</b>	<b>0 258 986 602</b>	250,000				
						XEW	Control	<b>0 258 017 099</b>		250,000			
						Diagnosis	<b>0 258 006 792</b>	<b>0 258 986 602</b>	250,000				
<b>116i</b>													
<b>E 87</b>	09.04→	N45 B16A <NG4>	4	1.6	04.07→	Control	<b>0 258 017 126</b>		250,000				
						Diagnosis	<b>0 258 006 977</b>	<b>0 258 986 602</b>	250,000				
<b>118i</b>													
<b>E 87</b>	11.04 - 03.07	N46 B20B <NG4>	4	2.0		Control	<b>0 258 007 274</b>		250,000				
						03.07→	N46 B20B <NG4>	4	2.0	Control	<b>0 258 017 126</b>		250,000
						Diagnosis	<b>0 258 006 977</b>	<b>0 258 986 602</b>	250,000				
<b>120 i Cabrio</b>													
<b>E 88</b>	03.08→	N46 B20... <NG4>	4	2.0	A/T,XDV	Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000				
						A/T,XDW	Diagnosis	<b>0 258 006 993</b>		250,000			
						M/T,XDV	Diagnosis	<b>0 258 006 977</b>	<b>0 258 986 602</b>	250,000			
						M/T,XDW	Diagnosis	<b>0 258 006 992</b>		250,000			
						XDV	Control	<b>0 258 017 131</b>		250,000			
						XDW	Control	<b>0 258 017 028</b>		250,000			
<b>120i</b>													
<b>E 87</b>	09.04 - 03.07	N46 B20... <NG4>	4	2.0	XDV	Control	<b>0 258 007 273</b>		250,000				
						XDW	Control	<b>0 258 007 146</b>		250,000			
<b>125 i Cabrio</b>													
<b>E 88</b>	03.08→	N52 B30... <NG6>	6	3.0	XEV	Control	<b>0 258 017 098</b>		250,000				
						Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000				
						XEW	Control	<b>0 258 017 099</b>		250,000			
						Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000				
<b>125 i Coupe</b>													
<b>E 82</b>	03.08→	N52 B30... <NG6>	6	3.0	XEV	Control	<b>0 258 017 098</b>		250,000				
						Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000				
						XEW	Control	<b>0 258 017 099</b>		250,000			
						Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000				
<b>130i</b>													
<b>E 87</b>	09.05→	N52 B30... <NG6>	6	3.0	XEV	Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000				
						XEW	Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000			
						09.05 - 11.05	XEV	Control	<b>0 258 017 036</b>		250,000		
						XEW	Control	<b>0 258 017 038</b>		250,000			
						12.05→	XEV	Control	<b>0 258 017 098</b>		250,000		
						XEW	Control	<b>0 258 017 099</b>		250,000			
<b>135 i Coupe</b>													
<b>E 82</b>	10.07→	N54 B30A <NG6>	6	3.0	XEV	Control	<b>0 258 017 098</b>		250,000				
						Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000				
						XEW	Control	<b>0 258 017 102</b>		250,000			
						Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000				
<b>135i</b>													
<b>E 88</b>	03.08→	N54 B30A <NG6>	6	3.0	XEV	Control	<b>0 258 017 098</b>		250,000				
						Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000				
						XEW	Control	<b>0 258 017 102</b>		250,000			
						Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000				
<b>316i</b>													
<b>E 46</b>	02.02 - 03.04	N42 B18A <NG4>	4	1.8	EU2,EU3	Control	<b>0 258 007 142</b>		250,000				
						EU4,front	Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000			
						EU4,HI	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000			
						EU4,XDV	Control	<b>0 258 007 142</b>		250,000			
						EU4,XDW	Control	<b>0 258 007 143</b>		250,000			
						<b>316i Compact</b>							
<b>E 36</b>	03.94 - 09.00	16 4E 2 <M 43 B 16>	4	1.6	03.94 - 09.95	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000				
						10.95 - 01.96	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000			
						02.96 - 09.00	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000			
	11.95 - 09.00	16 4E 2 <M 43 B 16..Gas CNG>	4	1.6	LPG	Control	<b>0 258 003 750</b>	<b>0 258 986 505</b>	160,000				
						11.95 - 01.96	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000			
						02.96 - 09.00	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000			
	12.98 - 09.00	19 4E 1 <M 43 B 18>	4	1.9		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000				
						Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000				



**316ti Compact**

<b>E 36</b>	10.94 - 09.96	18 4S 1 <M 42 B 18>	4	1.8		Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000			
	12.95 - 09.00	19 4S 1 <M 44 B 19>	4	1.9		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000			
						Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000			
<b>E 46</b>	06.01 - 03.04	N42 B18A <NG4>	4	1.8	EU2,EU3	Control	<b>0 258 007 142</b>		250,000			
					EU3	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000			
					EU4,front	Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000			
					EU4,HI	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000			
					EU4,XDV	Control	<b>0 258 007 142</b>		250,000			
					EU4,XDW	Control	<b>0 258 007 143</b>		250,000			
	04.04 - 12.04	N45 B16A <NG4>	4	1.6		Control	<b>0 258 006 428</b>	<b>0 258 986 602</b>	250,000			
						Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000			

**318i**

<b>E 30</b>	09.87 - 12.91	18 4E 1 <M 40 B 18>	4	1.8		Control	<b>0 258 005 325</b>	<b>0 258 986 503</b>	100,000
<b>E 36</b>	12.90 - 02.94	18 4E 1 <M 40 B 18>	4	1.8		Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
	03.92 - 10.96	18 4S 1 <M 42 B 18>	4	1.8	10.92 - 10.96	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
	09.93 - 12.98	18 4E 2 <M 43 B 18>	4	1.8	09.93 - 09.95	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
					10.95 - 01.96	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000
					02.96 - 12.98	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000
<b>E 46</b>	11.98 - 09.01	19 4E 1 <M 43 B 19>	4	1.9		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000
	09.01 - 03.04	N42 B20A <NG4>	4	2.0	EU2,EU3	Control	<b>0 258 007 142</b>		250,000
					EU4,front	Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000
					EU4,HI	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000
					EU4,XDV	Control	<b>0 258 007 142</b>		250,000
					EU4,XDW	Control	<b>0 258 007 143</b>		250,000
	04.04 - 03.05	N46 B20... <NG4>	4	2.0	EU2,EU3	Control	<b>0 258 007 142</b>		250,000
					EU3	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000
					EU4,front	Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000
					EU4,HI	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000
					EU4,XDV	Control	<b>0 258 007 142</b>		250,000
EU4,XDW					Control	<b>0 258 007 143</b>		250,000	

**318i Cabriolet**

<b>E 30</b>	09.90 - 12.93	18 4E 1 <M 40 B 18>	4	1.8		Control	<b>0 258 005 325</b>	<b>0 258 986 503</b>	100,000
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**318iS**

<b>E 30</b>	09.89 - 12.91	18 4S 1 <M 42 B 18>	4	1.8	09.89 - 08.90	Control	<b>0 258 005 325</b>	<b>0 258 986 503</b>	100,000
					09.90 - 12.91	Control	<b>0 258 005 323</b>	<b>0 258 986 503</b>	100,000
<b>E 36</b>	03.92 - 09.96	18 4S 1 <M 42 B 18>	4	1.8	03.92 - 09.92	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
					10.92 - 09.96	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
	03.93 - 12.96	18 4S 1 <M 42 B 18>	4	1.8		Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
	03.95 - 12.98	19 4S 1 <M 44 B 19>	4	1.9		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000
	12.95 - 12.99	19 4S 1 <M 44 B 19>	4	1.9		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000
	07.96 - 10.98	19 4S 1 <M 44 B 19>	4	1.8		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000

**318ti Compact**

<b>E 46</b>	04.04 - 12.04	N46 B20... <NG4>	4	2.0	EU2,EU3	Control	<b>0 258 007 142</b>		250,000
					EU3	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000
					EU4,front	Diagnosis	<b>0 258 005 271</b>	<b>0 258 986 505</b>	160,000
					EU4,HI	Diagnosis	<b>0 258 005 270</b>	<b>0 258 986 505</b>	160,000
					EU4,XDV	Control	<b>0 258 007 142</b>		250,000
					EU4,XDW	Control	<b>0 258 007 143</b>		250,000



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320 i Touring										
E91	09.05→	N46 B20... <NG4>	4	2.0	09.05 - 09.07	XDV	Control	0 258 007 273		250,000
						XDW	Control	0 258 007 146		250,000
	10.07→	A/T,XDV	Diagnosis	0 258 006 789	0 258 986 602	250,000				
		A/T,XDW	Diagnosis	0 258 006 993		250,000				
		M/T,XDV	Diagnosis	0 258 006 977	0 258 986 602	250,000				
		M/T,XDW	Diagnosis	0 258 006 992		250,000				
		XDV	Control	0 258 017 131		250,000				
		XDW	Control	0 258 017 028		250,000				
320Ci										
E46	09.00 - 09.06	22 6S 1 <M 54>	6	2.2		Diagnosis	0 258 005 109	0 258 986 505		160,000
					XEV	Control	0 258 005 259	0 258 986 505		160,000
					XEW	Control	0 258 005 177	0 258 986 505		160,000
320d										
E90	03.05 - 09.07	20 4D 4 <M 47N>	4	2.0		Control	0 281 004 018			250,000
320i										
E30	12.85 - 12.91	20 6EE/KA <M 20 B 20>	6	2.0	12.86 - 09.87	AS4	Control	0 258 003 045	0 258 986 503	100,000
					10.87 - 12.91	AS4	Control	0 258 005 324	0 258 986 503	100,000
E36	09.90 - 12.95	20 6S 1/2 <M 50 B 20>	6	2.0	09.90 - 09.92	A/T	Control	0 258 005 324	0 258 986 503	100,000
						M/T	Control	0 258 005 324	0 258 986 503	100,000
E46	09.00 - 03.05	22 6S 1 <M 54>	6	2.2		Diagnosis	0 258 005 109	0 258 986 505		160,000
					XEV	Control	0 258 005 259	0 258 986 505		160,000
					XEW	Control	0 258 005 177	0 258 986 505		160,000
E90	03.05→	N46 B20... <NG4>	4	2.0	03.05 - 09.07	XDV	Control	0 258 007 273		250,000
						XDW	Control	0 258 007 146		250,000
	10.07→	A/T,XDV	Diagnosis	0 258 006 789	0 258 986 602	250,000				
		A/T,XDW	Diagnosis	0 258 006 993		250,000				
		M/T,XDV	Diagnosis	0 258 006 977	0 258 986 602	250,000				
		M/T,XDW	Diagnosis	0 258 006 992		250,000				
		XDV	Control	0 258 017 131		250,000				
		XDW	Control	0 258 017 028		250,000				
320i Touring										
E46	09.00 - 09.05	22 6S 1 <M 54>	6	2.2		Diagnosis	0 258 005 109	0 258 986 505		160,000
					XEV	Control	0 258 005 259	0 258 986 505		160,000
					XEW	Control	0 258 005 177	0 258 986 505		160,000
323Ci										
E46	04.98 - 09.00	25 6S 4 <M 52 B 25>	6	2.5		Control	0 258 005 177	0 258 986 505		160,000
						Diagnosis	0 258 003 561	0 258 986 505		160,000
323Ci Cabriolet										
E46	03.00 - 09.00	25 6S 4 <M 52 B 25>	6	2.5		Control	0 258 005 177	0 258 986 505		160,000
						Diagnosis	0 258 003 561	0 258 986 505		160,000
323i										
E36	10.94 - 12.98	25 6S 3 <M 52 B 25>	6	2.5	10.95 - 12.98		Control	F 00E 261 264		
	03.95 - 12.99	25 6S 3 <M 52 B 25>	6	2.5	10.95 - 12.99		Control	F 00E 261 264		
	10.96 - 10.98	25 6S 3 <M52 B25>	6	2.5			Control	F 00E 261 264		
E46	04.98 - 09.00	25 6S 4 <M 52 B 25>	6	2.5		Control	0 258 005 177	0 258 986 505		160,000
						Diagnosis	0 258 003 561	0 258 986 505		160,000
E90	09.05→	N52 B25... <NG6>	6	2.5		XEV	Diagnosis	0 258 006 795	0 258 986 602	250,000
						XEW	Diagnosis	0 258 006 796	0 258 986 602	250,000
	09.05 - 11.05	XEV	Control	0 258 017 036		250,000				
		XEW	Control	0 258 017 038		250,000				
	12.05→	XEV	Control	0 258 017 098		250,000				
		XEW	Control	0 258 017 099		250,000				
323i Cabriolet										
E36	05.95 - 12.99	25 6S 3 <M 52 B 25>	6	2.5	10.95 - 12.99		Control	F 00E 261 264		
323i Coupe										
E92	09.06→	N52 B25A <NG6>	6	2.5		XEV	Control	0 258 017 098		250,000
						Diagnosis	0 258 006 795	0 258 986 602	250,000	
						XEW	Control	0 258 017 099		250,000
						Diagnosis	0 258 006 796	0 258 986 602		250,000





<b>323i Touring</b>												
<b>E 91</b>	09.05→	N52 B25A <NG6>	6	2.5		XEV	Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000		
						XEW	Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000		
		09.05 - 11.05					XEV	Control	<b>0 258 017 036</b>		250,000	
							XEW	Control	<b>0 258 017 038</b>		250,000	
		12.05→					XEV	Control	<b>0 258 017 098</b>		250,000	
							XEW	Control	<b>0 258 017 099</b>		250,000	
<b>323ti</b>												
<b>E 36</b>	06.97 - 09.00	25 6S 3 <M 52 B 25>	6	2.5			Diagnosis	<b>F 00E 261 264</b>				
							06.97 - 01.99	Control	<b>F 00E 261 264</b>			
<b>325Ci</b>												
<b>E 46</b>	09.00 - 09.06	25 6S 5 <M 54>	6	2.5			Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000		
							XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
<b>325Ci Cabriolet</b>												
<b>E 46</b>	09.00 - 03.07	25 6S 5 <M 54>	6	2.5			Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000		
							XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
<b>325e</b>												
<b>E 30</b>	01.85 - 12.87	27 6K A/B <M 20 B 27>	6	2.7			AS3	Control	<b>0 258 003 008</b>	<b>0 258 986 502</b>	100,000	
							12.86 - 09.87	AS4	Control	<b>0 258 003 045</b>	<b>0 258 986 503</b>	100,000
<b>325i</b>												
<b>E 30</b>	12.86 - 12.91	25 6K 1 <M 20 B 25 Kat.>	6	2.5			12.86 - 09.87	AS4	Control	<b>0 258 003 045</b>	<b>0 258 986 503</b>	100,000
							10.87 - 12.91	AS4	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
<b>E 36</b>	09.90 - 12.95	25 6S 1/2 <M 50 B 25>	6	2.5			A/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
							M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
	03.92 - 12.95	25 6S 1/2 <M 50 B 25>	6	2.5			A/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
							M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
<b>E 46</b>	09.00 - 03.05	25 6S 5 <M 54>	6	2.5			Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000		
							XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
<b>E 90</b>	03.05→	N52 B25... <NG6>	6	2.5			XEV	Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000	
							XEW	Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000	
		03.05 - 11.05						XEV	Control	<b>0 258 017 036</b>	250,000	
								XEW	Control	<b>0 258 017 038</b>	250,000	
		12.05→						XEV	Control	<b>0 258 017 098</b>	250,000	
								XEW	Control	<b>0 258 017 099</b>	250,000	
<b>325i Cabrio</b>												
<b>E 93</b>	03.07→	N52 B25A <NG6>	6	2.5			XEV	Control	<b>0 258 017 098</b>		250,000	
							Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000		
							XEW	Control	<b>0 258 017 099</b>		250,000	
							Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000		
<b>325i Cabriolet</b>												
<b>E 36</b>	03.93 - 12.95	25 6S 2 <M 50 B 25>	6	2.5			A/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
							M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
<b>325i Coupe</b>												
<b>E 92</b>	09.06→	N52 B25... <NG6>	6	2.5			XEV	Control	<b>0 258 017 098</b>		250,000	
							Diagnosis	<b>0 258 006 795</b>	<b>0 258 986 602</b>	250,000		
							XEW	Control	<b>0 258 017 099</b>		250,000	
							Diagnosis	<b>0 258 006 796</b>	<b>0 258 986 602</b>	250,000		
<b>325ti Compact</b>												
<b>E 46</b>	06.01 - 12.04	25 6S 5 <M 54>	6	2.5			Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000		
							XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							XEW	Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
<b>328Ci</b>												
<b>E 46</b>	04.98 - 09.00	28 6S 2 <M 52 B 28>	6	2.8			Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000		
							Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000		
<b>328i</b>												
<b>E 36</b>	10.94 - 12.98	28 6S 1 <M 52 B 28>	6	2.8	10.95 - 12.98		Control	<b>F 00E 261 264</b>				
	03.95 - 12.99	28 6S 1 <M 52 B 28>	6	2.8	10.95 - 12.99		Control	<b>F 00E 261 264</b>				
<b>E 46</b>	11.98 - 09.00	28 6S 2 <M 52 B 28>	6	2.8			Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000		
							Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000		



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328i Cabriolet										
E 36	03.95 - 12.99	28 6S 1 <M 52 B 28>	6	2.8	10.95 - 12.99		Control		F 00E 261 264	
330Ci										
E 46	05.00 - 09.06	30 6S 3 <M 54>	6	3.0	05.00 - 09.00		Control	0 258 005 177	0 258 986 505	160,000
							Diagnosis	0 258 003 561	0 258 986 505	160,000
					10.00 - 09.06		Diagnosis	0 258 005 109	0 258 986 505	160,000
						XEV	Control	0 258 005 259	0 258 986 505	160,000
						XEW	Control	0 258 005 177	0 258 986 505	160,000
330Ci Cabriolet										
E 46	05.00 - 03.07	30 6S 3 <M 54>	6	3.0	05.00 - 09.00		Control	0 258 005 177	0 258 986 505	160,000
							Diagnosis	0 258 003 561	0 258 986 505	160,000
					10.00 - 03.07		Diagnosis	0 258 005 109	0 258 986 505	160,000
						XEV	Control	0 258 005 259	0 258 986 505	160,000
						XEW	Control	0 258 005 177	0 258 986 505	160,000
330i										
E 46	05.00 - 03.05	30 6S 3 <M 54>	6	3.0	05.00 - 09.00		Control	0 258 005 177	0 258 986 505	160,000
							Diagnosis	0 258 003 561	0 258 986 505	160,000
					10.00 - 03.05		Diagnosis	0 258 005 109	0 258 986 505	160,000
						XEV	Control	0 258 005 259	0 258 986 505	160,000
						XEW	Control	0 258 005 177	0 258 986 505	160,000
E 90	03.05→	N52 B30... <NG6>	6	3.0		XEV	Diagnosis	0 258 006 795	0 258 986 602	250,000
						XEW	Diagnosis	0 258 006 796	0 258 986 602	250,000
					03.05 - 11.05	XEV	Control	0 258 017 036		250,000
						XEW	Control	0 258 017 038		250,000
					12.05→	XEV	Control	0 258 017 098		250,000
						XEW	Control	0 258 017 099		250,000
335 i										
E 90	09.06→	N54 B30A <NG6>	6	3.0		XEV	Control	0 258 017 098		250,000
							Diagnosis	0 258 006 795	0 258 986 602	250,000
						XEW	Control	0 258 017 102		250,000
							Diagnosis	0 258 006 796	0 258 986 602	250,000
335 i Touring										
E 91	09.06→	N54 B30A <NG6>	6	3.0		XEV	Control	0 258 017 098		250,000
							Diagnosis	0 258 006 795	0 258 986 602	250,000
						XEW	Control	0 258 017 102		250,000
							Diagnosis	0 258 006 796	0 258 986 602	250,000
335i Cabrio										
E 93	03.07→	N54 B30A <NG6>	6	3.0		XEV	Control	0 258 017 098		250,000
							Diagnosis	0 258 006 795	0 258 986 602	250,000
						XEW	Control	0 258 017 102		250,000
							Diagnosis	0 258 006 796	0 258 986 602	250,000
335i Coupe										
E 92	09.06→	N54 B30A <NG6>	6	3.0		XEV	Control	0 258 017 098		250,000
							Diagnosis	0 258 006 795	0 258 986 602	250,000
						XEW	Control	0 258 017 102		250,000
							Diagnosis	0 258 006 796	0 258 986 602	250,000
520i										
E 34	09.89 - 12.95	20 6S 1/2 <M 50 B 20>	6	2.0		BOM	Control	0 258 005 322	0 258 986 503	100,000
523i										
E 39	09.95 - 09.00	25 6S 3/4 <M 52 B 25>	6	2.5	09.95 - 09.98		Control	F 00E 261 264		
					10.98 - 09.00		Control	0 258 005 177	0 258 986 505	160,000
							Diagnosis	0 258 005 109	0 258 986 505	160,000
E 60	03.05→	N52 B25... <NG6>	6	2.5		AAK,XEV	Diagnosis	0 258 006 789	0 258 986 602	250,000
						AAK,XEV	Diagnosis	0 258 006 790	0 258 986 602	250,000
						ANK,XEV	Diagnosis	0 258 006 809	0 258 986 602	250,000
					03.05 - 11.05	XEV	Control	0 258 017 036		250,000
						XEW	Control	0 258 017 038		250,000
					03.05 - 03.07	ANK,XEV	Diagnosis	0 258 006 808	0 258 986 602	250,000
					12.05→	XEV	Control	0 258 017 098		250,000
						XEW	Control	0 258 017 099		250,000
					04.07→	ANK,XEV	Diagnosis	0 258 006 977	0 258 986 602	250,000





E 60	03.07→	N53 B25A <NG6>	6	2.5		XEV	Control	<b>0 258 017 098</b>		250,000	
							Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000	
						XEW	Control	<b>0 258 017 099</b>		250,000	
							Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000	
<b>525e</b>											
E 28	12.84 - 12.87	27 6K A/B <M 20 B 27 Kat.>	6	2.7	12.84 - 12.86		Control		<b>0 258 986 501</b>	80,000	
							Control	<b>0 258 003 038</b>	<b>0 258 986 503</b>	100,000	
<b>525i</b>											
E 34	01.88 - 12.90	25 6K 1 <M 20 B 25>	6	2.5			Control	<b>0 258 005 315</b>	<b>0 258 986 503</b>	160,000	
							Control	<b>0 258 005 322</b>	<b>0 258 986 503</b>	100,000	
E 39	09.89 - 12.95	25 6S 1/2 <M 50 B 25>	6	2.5			Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
E 60	09.00 - 07.03	25 6S 5 <M 54>	6	2.5			Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
E 60	09.03 - 03.05	25 6S 5 <M 54>	6	2.5		XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 310</b>		160,000	
							Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000	
							Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000	
							Diagnosis	<b>0 258 006 809</b>	<b>0 258 986 602</b>	250,000	
						03.05 - 11.05	XEV	Control	<b>0 258 017 036</b>		250,000
							XEW	Control	<b>0 258 017 038</b>		250,000
						03.05 - 03.07	ANK,XEV	Diagnosis	<b>0 258 006 808</b>	<b>0 258 986 602</b>	250,000
							12.05→	XEV	Control	<b>0 258 017 098</b>	250,000
							XEW	Control	<b>0 258 017 099</b>		250,000
						04.07→	ANK,XEV	Diagnosis	<b>0 258 006 977</b>	<b>0 258 986 602</b>	250,000
XEV	Control	<b>0 258 017 098</b>		250,000							
03.07→	N53 B30A <NG6>	6	3.0			Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000		
					XEW	Control	<b>0 258 017 099</b>		250,000		
						Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000		
<b>528i</b>											
E 39	09.95 - 09.00	28 6S 1/2 <M 52 B 28>	6	2.8	09.95 - 09.98		Control	<b>F 00E 261 264</b>			
							Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
<b>528i Touring</b>											
E 39	01.97 - 09.00	28 6S 1/2 <M 52 B 28>	6	2.8	01.97 - 09.98		Control	<b>F 00E 261 264</b>			
							Control	<b>0 258 005 177</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
<b>530 d</b>											
E 60	03.07→	30 6D 3 <M 57N2>	6	3.0			Control	<b>0 281 004 018</b>		250,000	
<b>530 i Touring</b>											
E 61	03.07→	N53 B30A <NG6>	6	3.0		XEV	Control	<b>0 258 017 098</b>		250,000	
							Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000	
						XEW	Control	<b>0 258 017 099</b>		250,000	
						Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000		
<b>530d</b>											
E 60	09.05 - 03.07	30 6D 3 <M 57N2>	6	3.0			Control	<b>0 281 004 018</b>		250,000	
<b>530i</b>											
E 34	09.92 - 09.95	30 8S 1 <M 60 B 30>	8	3.0	09.92 - 06.94	A/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
						M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
					07.94 - 09.95	A/T	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000	
						M/T	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000	
E 39	09.00 - 07.03	30 6S 3 <M 54>	6	3.0			Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
E 60	07.03 - 03.05	30 6S 3 <M 54>	6	3.0		XEV	Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
						XEW	Diagnosis	<b>0 258 005 310</b>		160,000	





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<b>E 60</b>	03.05→	N52 B30... <NG6>	6	3.0	AAK,XEV	Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000		
					AAK,XEW	Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000		
					ANK,XEV	Diagnosis	<b>0 258 006 809</b>	<b>0 258 986 602</b>	250,000		
	03.05 - 11.05					XEV	Control	<b>0 258 017 036</b>		250,000	
						XEW	Control	<b>0 258 017 038</b>		250,000	
	03.05 - 03.07					ANK,XEV	Diagnosis	<b>0 258 006 808</b>	<b>0 258 986 602</b>	250,000	
	12.05→					XEV	Control	<b>0 258 017 098</b>		250,000	
						XEW	Control	<b>0 258 017 099</b>		250,000	
	04.07→					ANK,XEV	Diagnosis	<b>0 258 006 977</b>	<b>0 258 986 602</b>	250,000	
	03.07→	N53 B30A <NG6>	6	3.0		XEV	Control	<b>0 258 017 098</b>		250,000	
							Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000	
						XEW	Control	<b>0 258 017 099</b>		250,000	
						Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000		
<b>530i Touring</b>											
<b>E 39</b>	09.00 - 05.04	30 6S 3 <M 54>	6	3.0			Control	<b>0 258 005 259</b>	<b>0 258 986 505</b>	160,000	
							Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000	
<b>E 61</b>	03.05→	N52 B30... <NG6>	6	3.0	AAK,XEV	Diagnosis	<b>0 258 006 789</b>	<b>0 258 986 602</b>	250,000		
					AAK,XEW	Diagnosis	<b>0 258 006 790</b>	<b>0 258 986 602</b>	250,000		
					ANK,XEV	Diagnosis	<b>0 258 006 809</b>	<b>0 258 986 602</b>	250,000		
	03.05 - 11.05					XEV	Control	<b>0 258 017 036</b>		250,000	
						XEW	Control	<b>0 258 017 038</b>		250,000	
	03.05 - 03.07					ANK,XEV	Diagnosis	<b>0 258 006 808</b>	<b>0 258 986 602</b>	250,000	
	12.05→					XEV	Control	<b>0 258 017 098</b>		250,000	
						XEW	Control	<b>0 258 017 099</b>		250,000	
	04.07→					ANK,XEV	Diagnosis	<b>0 258 006 977</b>	<b>0 258 986 602</b>	250,000	
	<b>535i</b>										
	<b>E 28</b>	01.85 - 12.87	34 6K A <M 30 B 35 Kat.>	6	3.4	01.85 - 04.86		Control	<b>0 258 003 008</b>	<b>0 258 986 502</b>	100,000
								05.86 - 12.87	Control	<b>0 258 003 049</b>	<b>0 258 986 502</b>
<b>E 34</b>	01.88 - 12.93	34 6K B <M 30 B 35>	6	3.5			Control	<b>0 258 005 313</b>	<b>0 258 986 506</b>	100,000	
<b>E 39</b>	01.96 - 07.03	35 8S 1/2 <M 62 B 35>	8	3.5	01.96 - 09.98		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000	
							10.98 - 07.03	Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000
								Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000
<b>540i</b>											
<b>E 34</b>	09.92 - 09.95	40 8S 1 <M 60 B 40>	8	4.0	09.92 - 06.94	A/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
						M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	
						07.94 - 09.95	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000	
<b>E 39</b>	01.96 - 07.03	44 8S 1/2 <M 62 B 44>	8	4.4	01.96 - 09.98		Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000	
							10.98 - 07.03	Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000
								Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000
<b>E 60</b>	09.05→	N62 B40A <NGV8>	8	4.0			A/T,XEV	Control	<b>0 258 017 049</b>	250,000	
							A/T,XEY	Control	<b>0 258 017 029</b>	250,000	
							M/T,XEV	Control	<b>0 258 017 092</b>	250,000	
							M/T,XEY	Control	<b>0 258 017 093</b>	250,000	
							XEV	Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000
							XEY	Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000
<b>545i</b>											
<b>E 60</b>	09.03 - 09.05	N62 B44A <NGV8>	8	4.4			A/T,XEV	Control	<b>0 258 007 144</b>	250,000	
							A/T,XEY	Control	<b>0 258 007 208</b>	250,000	
							M/T,XEV	Control	<b>0 258 007 277</b>	250,000	
							M/T,XEY	Control	<b>0 258 007 278</b>	250,000	
							XEV	Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000
							XEY	Diagnosis	<b>0 258 005 321</b>	160,000	
<b>550i</b>											
<b>E 60</b>	09.05→	N62 B48B <NGV8>	8	4.8			A/T,XEV	Control	<b>0 258 017 049</b>	250,000	
							A/T,XEY	Control	<b>0 258 017 029</b>	250,000	
							M/T,XEV	Control	<b>0 258 017 092</b>	250,000	
							M/T,XEY	Control	<b>0 258 017 093</b>	250,000	
							XEV	Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000
							XEY	Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000
<b>635CSi</b>											
<b>E 24</b>	01.86 - 04.89	<M 30 B 35 Kat.>	6	3.4	01.86 - 04.86		Control	<b>0 258 003 008</b>	<b>0 258 986 502</b>	100,000	
					05.86 - 12.87		Control	<b>0 258 003 049</b>	<b>0 258 986 502</b>	100,000	
					01.88 - 04.89		Control	<b>0 258 005 313</b>	<b>0 258 986 506</b>	100,000	



645Ci										
<b>E 63</b>	01.04 - 09.05	N62 B44A <NGV8>	8	4.4	A/T,XEX	Control	<b>0 258 007 144</b>		250,000	
					A/T,XEY	Control	<b>0 258 007 208</b>		250,000	
					M/T,XEX	Control	<b>0 258 007 277</b>		250,000	
					M/T,XEY	Control	<b>0 258 007 278</b>		250,000	
					XEX	Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000	
					XEY	Diagnosis	<b>0 258 005 321</b>		160,000	
645Ci Cabriolet										
<b>E 64</b>	04.04 - 09.05	N62 B44A <NGV8>	8	4.4	A/T,XEX	Control	<b>0 258 007 144</b>		250,000	
					A/T,XEY	Control	<b>0 258 007 208</b>		250,000	
					M/T,XEX	Control	<b>0 258 007 277</b>		250,000	
					M/T,XEY	Control	<b>0 258 007 278</b>		250,000	
					XEX	Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000	
					XEY	Diagnosis	<b>0 258 005 321</b>		160,000	
650i										
<b>E 63</b>	09.05→	N62 B48B <NGV8>	8	4.8	A/T,XEX	Control	<b>0 258 017 049</b>		250,000	
					A/T,XEY	Control	<b>0 258 017 029</b>		250,000	
					M/T,XEX	Control	<b>0 258 017 092</b>		250,000	
					M/T,XEY	Control	<b>0 258 017 093</b>		250,000	
					XEX	Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000	
					XEY	Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000	
650i Cabriolet										
<b>E 64</b>	09.05→	N62 B48B <NGV8>	8	4.8	A/T,XEX	Control	<b>0 258 017 049</b>		250,000	
					A/T,XEY	Control	<b>0 258 017 029</b>		250,000	
					M/T,XEX	Control	<b>0 258 017 092</b>		250,000	
					M/T,XEY	Control	<b>0 258 017 093</b>		250,000	
					XEX	Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000	
					XEY	Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000	
730i, 730iL										
<b>E 32</b>	09.86 - 06.94	30 6K A <M 30 B 30>	6	3.0	09.86 - 09.87	Control	<b>0 258 003 037</b>	<b>0 258 986 506</b>	100,000	
					10.87 - 06.94	Control	<b>0 258 005 313</b>	<b>0 258 986 506</b>	100,000	
		09.91 - 10.94	30 8S 1 <M 60 B 30>	8	3.0	A/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
						M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000
<b>E 38</b>	06.94 - 12.96	30 8S 1 <M 60 B 30>	8	3.0		Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000	
735i										
<b>E 23</b>	01.85 - 08.86	34 6K A <M 30 B 35 Kat.>	6	3.4	01.85 - 04.86	Control	<b>0 258 003 008</b>	<b>0 258 986 502</b>	100,000	
					05.86 - 08.86	Control	<b>0 258 003 049</b>	<b>0 258 986 502</b>	100,000	
<b>E 65</b>	11.01 - 03.05	N62 B36A <NGV8>	8	3.6	XEX	Control	<b>0 258 007 144</b>		250,000	
					XEX	Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000	
					11.01 - 05.02	XEY	Control	<b>0 258 007 146</b>	250,000	
					11.01 - 10.03	XEY	Diagnosis	<b>0 258 005 298</b>	<b>0 258 986 505</b>	160,000
					06.02 - 03.05	XEY	Control	<b>0 258 007 208</b>	250,000	
11.03 - 03.05	XEY	Diagnosis	<b>0 258 005 321</b>	160,000						
735i, 735iL										
<b>E 32</b>	09.86 - 12.92	34 6E C/K B <M 30 B 35>	6	3.4	09.86 - 09.87	Control	<b>0 258 003 037</b>	<b>0 258 986 506</b>	100,000	
					10.87 - 12.92	Control	<b>0 258 005 313</b>	<b>0 258 986 506</b>	100,000	
<b>E 38</b>	09.94 - 12.01	35 8S 1/2 <M 62 B 35>	8	3.5	09.94 - 09.98	Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000	
					10.98 - 12.01	Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000	
735Li										
<b>E 66</b>	03.02 - 03.05	N62 B36A <NGV8>	8	3.6	XEX	Control	<b>0 258 007 144</b>		250,000	
					XEX	Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000	
					03.02 - 05.02	XEY	Control	<b>0 258 007 146</b>	250,000	
					03.02 - 10.03	XEY	Diagnosis	<b>0 258 005 298</b>	<b>0 258 986 505</b>	160,000
					06.02 - 03.05	XEY	Control	<b>0 258 007 208</b>	250,000	
					11.03 - 03.05	XEY	Diagnosis	<b>0 258 005 321</b>	160,000	
740i										
<b>E 65</b>	04.05→	N62 B40A <NGV8>	8	4.0	XEX	Control	<b>0 258 017 049</b>		250,000	
					XEX	Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000	
					XEY	Control	<b>0 258 017 029</b>		250,000	
					XEY	Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000	
740i, 740iL										
<b>E 32</b>	09.91 - 10.94	40 8S 1 <M 60 B 40>	8	4.0		Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000	





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<b>E 38</b>	06.94 - 06.96	40 8S 1 <M 60 B 40>	8	4.0		Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000			
	01.96 - 12.01	44 8S 1/2 <M 62 B 44>	8	4.4	01.96 - 09.98	Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000			
					10.98 - 12.01	Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000			
						Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000			
<b>740Li</b>												
<b>E 66</b>	04.05→	N62 B40A <NGV8>	8	4.0		XEX	Control	<b>0 258 017 049</b>		250,000		
							Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000		
						XEY	Control	<b>0 258 017 029</b>		250,000		
							Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000		
<b>745i</b>												
<b>E 65</b>	11.01 - 03.05	N62 B44A <NGV8>	8	4.4		XEX	Control	<b>0 258 007 144</b>		250,000		
							Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000		
							11.01 - 05.02	XEY	Control	<b>0 258 007 146</b>		250,000
							11.01 - 10.03	XEY	Diagnosis	<b>0 258 005 298</b>	<b>0 258 986 505</b>	160,000
							06.02 - 03.05	XEY	Control	<b>0 258 007 208</b>		250,000
							11.03 - 03.05	XEY	Diagnosis	<b>0 258 005 321</b>		160,000
<b>745Li</b>												
<b>E 66</b>	03.02 - 03.05	N62 B44A <NGV8>	8	4.4		XEX	Control	<b>0 258 007 144</b>		250,000		
							Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000		
							03.02 - 05.02	XEY	Control	<b>0 258 007 146</b>		250,000
							03.02 - 10.03	XEY	Diagnosis	<b>0 258 005 298</b>	<b>0 258 986 505</b>	160,000
							06.02 - 03.05	XEY	Control	<b>0 258 007 208</b>		250,000
							11.03 - 03.05	XEY	Diagnosis	<b>0 258 005 321</b>		160,000
<b>750i</b>												
<b>E 65</b>	04.05→	N62 B48B <NGV8>	8	4.8		XEX	Control	<b>0 258 017 049</b>		250,000		
							Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000		
						XEY	Control	<b>0 258 017 029</b>		250,000		
							Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000		
<b>750i, 750iL</b>												
<b>E 32</b>	09.87 - 10.94	50 12 A <M 70 B 50>	12	5.0		Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000			
<b>E 38</b>	06.94 - 12.01	54 12 1/2 <M 73 B 54>	12	5.4		Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000			
						06.94 - 09.98	Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000		
						10.98 - 12.01	Diagnosis	<b>0 258 003 561</b>	<b>0 258 986 505</b>	160,000		
<b>750Li</b>												
<b>E 66</b>	04.05→	N62 B48B <NGV8>	8	4.8		XEX	Control	<b>0 258 017 049</b>		250,000		
							Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000		
						XEY	Control	<b>0 258 017 029</b>		250,000		
							Diagnosis	<b>0 258 006 794</b>	<b>0 258 986 602</b>	250,000		
<b>760Li</b>												
<b>E 66</b>	12.02→	N73 B60... <NGV12>	12	6.0	12.02 - 09.06	XEZ	Control	<b>0 258 007 160</b>		250,000		
							Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000		
						XFA	Control	<b>0 258 007 208</b>		250,000		
							Diagnosis	<b>0 258 005 298</b>	<b>0 258 986 505</b>	160,000		
						10.06→	XEZ	Control	<b>0 258 017 125</b>		250,000	
						Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000			
					XFA	Control	<b>0 258 017 029</b>		250,000			
						Diagnosis	<b>0 258 006 864</b>		250,000			
<b>840Ci</b>												
<b>E 31</b>	09.94 - 12.99	44 8S 1 <M 62 B 44>	8	4.4		Diagnosis	<b>0 258 003 475</b>	<b>0 258 986 505</b>	160,000			
					A/T	Control	<b>0 258 003 559</b>	<b>0 258 986 505</b>	160,000			
					M/T	Control		<b>0 258 986 505</b>	160,000			
<b>840CSi</b>												
<b>E 31</b>	08.92 - 10.96	56 12 1 <M 70 B 56>	12	5.6		Control	<b>0 258 005 325</b>	<b>0 258 986 503</b>	100,000			
<b>840i</b>												
<b>E 31</b>	04.93 - 03.96	40 8S 1 <M 60 B 40>	8	4.0	04.93 - 04.94	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000			
					05.94 - 03.96	A/T	Control	<b>0 258 003 810</b>	<b>0 258 986 503</b>	100,000		
						M/T	Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000		
<b>850i, 850Ci</b>												
<b>E 31</b>	07.89 - 12.94	50 12 A <M 70 B 50>	12	5.0		Control	<b>0 258 005 324</b>	<b>0 258 986 503</b>	100,000			



## CHRYSLER

## Crossfire

ZH	03.02→	EGX <N>	6	3.2	A/T,LAB	Diagnosis	0 258 006 276	0 258 986 615	160,000
					M/T,LAB	Diagnosis	0 258 006 123	0 258 986 615	160,000
	03.04→	EGZ <S>	6	3.2	A/T,LAB	Diagnosis	0 258 006 276	0 258 986 615	160,000
					M/T,LAB	Diagnosis	0 258 006 123	0 258 986 615	160,000

## Neon

PL	06.94 - 08.99	ECB <VIN-C>	4	2.0	QAS	Control	0 258 003 275		100,000
					RAS	Control	0 258 005 705	0 258 986 507	160,000
	09.99 - 12.05	ECB <VIN-C>	4	2.0		Control	0 258 005 705	0 258 986 507	160,000

## PT Cruiser

PT	06.00 - 12.04	ECC <VIN-9>	4	2.0		Control		0 258 986 507	160,000
						Diagnosis		0 258 986 507	160,000
	06.00→	EDZ <VIN-B>	4	2.4		Control		0 258 986 507	160,000
						Diagnosis		0 258 986 507	160,000

## Viper

	06.97→	EWB	10	8.0		Control	0 258 005 722	0 258 986 507	160,000
						Diagnosis	0 258 005 737		160,000

## Voyager

GS	03.97 - 12.99	EGA,EGM	6	3.3		Control	F 00H L00 048	0 258 005 729	160,000
RS	02.01→	EGA,EGM	6	3.3	02.01 - 12.03	Diagnosis		0 258 986 507	160,000
					01.03 - 12.03	Control		0 258 986 507	160,000
					01.04→	Control		0 258 986 507	160,000

## 300C

LE	10.04→	EGG <G>	6	3.5		Control		0 258 986 507	160,000
					LAB	Diagnosis		0 258 986 507	160,000
					RAB	Diagnosis		0 258 986 507	160,000
						Control		0 258 005 729	160,000
					LAB	Diagnosis		0 258 986 507	160,000
					RAB	Diagnosis		0 258 986 507	160,000
	10.05→	EXL	6	3.0		Control	0 258 017 095		250,000

## CITROEN

## AX

	06.88 - 05.90	KDZ Kat. <TU3M> Org. →5292	4	1.4		Control	0 258 003 078	0 258 986 506	100,000
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## Berlingo

M49	07.96 - 11.02	KFX <TU3JP>	4	1.4	N14	Control	0 258 006 028	0 258 986 615	160,000	
						Diagnosis	0 258 006 026	0 258 986 615	160,000	
M59	11.02→	KFW <TU3JP>	4	1.4	07.96 - 06.98	N04,N05	Control	0 258 003 716	0 258 986 506	100,000
					07.98 - 11.02	N04,N05	Control		0 258 986 506	160,000
							Control		0 258 986 507	160,000
						Diagnosis		0 258 986 507	160,000	

## BX

X56	03.86 - 12.94	DFZ Kat. <XU9J1/Z>	4	1.9	03.86 - 06.86	Control	0 258 003 004	0 258 986 502	100,000
					07.86 - 12.94	Control	0 258 003 078	0 258 986 506	100,000
					03.88 - 03.93	DFW Kat. <XU9J4/Z>	4	1.9	Control

## C2

A6	09.03→	NFU <TU5JP4>	4	1.6		Control	0 258 006 027	0 258 986 615	160,000
						Diagnosis	0 258 006 185	0 258 986 615	160,000
	10.04→	NFS <TU5JP4S>	4	1.6		Control	0 258 006 027	0 258 986 615	160,000
						Diagnosis	0 258 006 185	0 258 986 615	160,000

## C3

A8	01.02 - 08.05	KFV <TU3JP>	4	1.4		Control		0 258 986 507	160,000
						Diagnosis		0 258 986 507	160,000
						Control	0 258 006 027	0 258 986 615	160,000
		NFU <TU5JP4>	4	1.6		Control	0 258 006 027	0 258 986 615	160,000
						Diagnosis	0 258 006 185	0 258 986 615	160,000
A31	09.05→	KFV <TU3A>	4	1.4		Control		0 258 986 507	160,000
						Diagnosis		0 258 986 507	160,000





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<b>A31</b>	09.05→	NFU <TU5JP4>	4	1.6		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
<b>C3-Pluriel 1.6i 16V</b>										
<b>A42</b>	05.03→	NFU <TU5JP4>	4	1.6		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
<b>C4</b>										
<b>B5</b>	11.04→	NFU <TU5JP4>	4	1.6		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
<b>C5</b>										
<b>X4</b>	03.01 - 09.04	RFN <EW10J4>	4	2.0		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 431</b>	<b>0 258 986 615</b>	160,000	
			XFX <ES9J4S>	6	3.0		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000
		06.01 - 09.04	RFN <EW10J4>	4	2.0		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
<b>X3</b>	10.04→	XFX <ES9A>	6	3.0		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
						front	Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000
						HI	Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>	160,000
		04.06→	4H ... <DW12BTED4>	4	2.2		Control	<b>0 281 004 051</b>		250,000
<b>C6</b>										
<b>X6</b>	11.05→	XFV <ES9A>	6	3.0		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
<b>Xantia</b>										
<b>X1</b>	03.93 - 01.98	RFX Kat. <XU10J2C/Z,L3>	4	2.0	03.93 - 05.95		Control	<b>0 258 003 239</b>	<b>0 258 986 506</b>	100,000
	12.94 - 01.98	RFV <XU10J4R>	4	2.0		Control	<b>0 258 003 719</b>	<b>0 258 986 506</b>	100,000	
	05.95 - 01.98	RGX <XU10J2CTE>	4	2.0		Control	<b>0 258 003 668</b>	<b>0 258 986 506</b>	100,000	
<b>X2</b>	12.97 - 12.01	RFV <XU10J4R>	4	2.0		Control	<b>0 258 003 719</b>	<b>0 258 986 506</b>	100,000	
		RFX <XU10J2C/L3>	4	2.0		Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000	
		RGX <XU10J2TE>	4	2.0		Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000	
<b>Xantia Break</b>										
<b>X1</b>	09.95 - 01.98	RFX Kat. <XU10J2C/Z, L3>	4	2.0		Control	<b>0 258 003 668</b>	<b>0 258 986 506</b>	100,000	
<b>X2</b>	01.98 - 12.01	XFZ <ES9J4>	6	3.0		Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000	
<b>XM</b>										
<b>Y3</b>	05.89 - 06.93	SFZ,S6A <ZPJ>	6	3.0	06.89 - 05.91		Control	<b>0 258 003 088</b>	<b>0 258 986 503</b>	100,000
		Org. →5347	6	3.0	06.91 - 06.93	Control	<b>0 258 003 204</b>	<b>0 258 986 503</b>	100,000	
		Org. 5348→	6	3.0		Control	<b>0 258 003 204</b>	<b>0 258 986 503</b>	100,000	
	06.93 - 06.94	UFZ <ZPJ>	6	3.0		Control	<b>0 258 003 204</b>	<b>0 258 986 503</b>	100,000	
<b>Y4</b>	07.94 - 12.97	UFZ <ZPJ>	6	3.0		Control	<b>0 258 003 359</b>	<b>0 258 986 503</b>	100,000	
	09.97 - 10.00	XFZ <ES9J4>	6	3.0		Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000	
<b>Xsara</b>										
<b>N6</b>	07.97 - 08.00	NFZ <TU5JP>	4	1.6	07.97 - 12.97		Control	<b>0 258 003 716</b>	<b>0 258 986 506</b>	100,000
		Org. →7706	4	1.6	01.98 - 08.00	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000	
		Org. 7707→	4	1.6		Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000	
		LFY <XU7JP4>	4	1.8		Control		<b>0 258 986 506</b>	160,000	
		LFZ <XU7JP>	4	1.8		Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000	
		RFS <XU10J4RS>	4	2.0		Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000	
		RFV <XU10J4R>	4	2.0		Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000	
<b>N7</b>	09.00→	NFU <TU5JP4>	4	1.6		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
		RFN <EW10J4>	4	2.0		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000	
						Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000	



**DAEWOO**

Cielo									
	08.94 - 08.97	A15MF <DOHC>	4	1.5		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		G 15 MF <SOHC>	4	1.5		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
Espero									
<b>KLEJ</b>	09.93 - 10.94	C20LE	4	2.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
	03.97 - 10.99	C20LE	4	2.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
Kalos									
	05.02→	F15S3 <SOHC Family I> Chassis →580669	4	1.5		Control		<b>0 258 986 501</b>	80,000
Lacetti									
<b>KLAN</b>	03.04 - 01.05	T18SED	4	1.8		Control		<b>0 258 986 602</b>	160,000
Lanos									
<b>KLAT</b>	11.96 - 09.03	A15SMS <E-TEC>	4	1.5		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		Chassis →595888	4	1.5		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		Chassis 595889→	4	1.5		Control		<b>F 00H L00 091</b>	160,000
	04.97 - 09.03	A16DMS	4	1.6		Diagnosis	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		Chassis →595888	4	1.6		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		Chassis 595889→	4	1.6		Control		<b>F 00H L00 091</b>	160,000
		A16DMS <E-TEC>	4	1.6		Diagnosis	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		Chassis →595888	4	1.6		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		Chassis 595889→	4	1.6		Control		<b>F 00H L00 091</b>	160,000
	04.00 - 05.03	A 15 SMS <SOHC Family I>	4	1.5		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
Leganza									
<b>KLAV, V100</b>	03.97 - 12.02	X20SED	4	2.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		Chassis 289554→	4	2.0		Control		<b>F 00H L00 091</b>	160,000
						Diagnosis	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
	09.98 - 12.02	T22SED	4	2.2		Control	<b>0 258 002 028</b>	<b>F 00H L00 091</b>	50,000
						Diagnosis	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
Matiz									
<b>KLYA</b>	04.98 - 01.05	F 8 CV	3	0.8		Diagnosis		<b>0 258 986 602</b>	160,000
		Chassis →47162	3	0.8		EU2	Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>
		Chassis 471673→, →585105	3	0.8		EU2	Control		<b>0 258 986 602</b>
Musso									
<b>MJ</b>	01.96 - 12.00	M162 E32 <MB-M 104.992>	6	3.2		Control	<b>0 258 003 638</b>	<b>0 258 986 505</b>	160,000
Nubira									
<b>KALJ, J100</b>	09.97 - 09.99	A16DMS <L44>	4	1.6		Diagnosis		<b>0 258 986 602</b>	160,000
		Chassis →580669	4	1.6		Control		<b>0 258 986 501</b>	80,000
							<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>KALJ, 150, 190</b>	10.99 - 06.03	X20SED	4	2.0		Diagnosis		<b>0 258 005 732</b>	160,000
		Chassis →642920	4	2.0		EU2	Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>
		Chassis 642921→	4	2.0		EU3	Control		<b>F 00H L00 091</b>
Tacuma									
<b>KLAU</b>	09.00 - 01.05	T20SED	4	2.0		Control		<b>F 00H L00 091</b>	160,000
						Diagnosis	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**DAIHATSU**

Applause									
	06.89 - 07.97	HDE <Kat.>	4	1.6		Control		<b>0 258 986 501</b>	80,000
	06.89 - 12.99	HDE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
	09.97 - 04.00	HDE <Kat.>	4	1.6		Control		<b>0 258 986 501</b>	80,000
Charade									
<b>G102</b>	06.88 - 10.90	HCE <Kat.>	4	1.3		Control		<b>0 258 986 501</b>	80,000
	11.90 - 12.92	HCE	4	1.3		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
		HCE <Kat.>	4	1.3		Control		<b>0 258 986 501</b>	80,000





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<b>G200</b>	01.93 - 09.00	HCE <Kat.>	4	1.3		Control	<b>0 258 986 501</b>	80,000
	05.93 - 05.03	HCE	4	1.3		Control	<b>0 258 002 031</b>	50,000
<b>G203</b>	06.94 - 09.00	HEEG	4	1.5		Control	<b>0 258 986 501</b>	80,000
	08.94 - 06.00	HEEG	4	1.5		Control	<b>0 258 986 501</b>	80,000
<b>G2</b>	01.97 - 04.00	HEE <Kat.>	4	1.5		Control	<b>0 258 986 501</b>	80,000
<b>L251</b>	03.03→	EJ	3	1.0		Control	<b>0 258 986 507</b>	160,000
<b>Cuore</b>								
<b>L701</b>	10.98 - 12.02	EJDE	3	1.0	10.98 - 12.01	Control	<b>0 258 986 501</b>	80,000
<b>Feroza</b>								
<b>F300</b>	10.88 - 10.99	HDE <Kat.>	4	1.6		Control	<b>0 258 986 501</b>	80,000
	01.89 - 12.95	HDE	4	1.6		Control	<b>0 258 002 031</b>	50,000
<b>F310</b>	05.92 - 10.99	HDE <Kat.>	4	1.6		Control	<b>0 258 986 501</b>	80,000
<b>Mira</b>								
<b>L200</b>	01.92 - 12.95	EFEL	3	0.7		Control	<b>0 258 986 501</b>	80,000
<b>Move</b>								
<b>L601</b>	01.97 - 09.98	ED20	3	0.9		Control	<b>0 258 986 501</b>	80,000
<b>Pyzar</b>								
<b>G303G</b>	08.96 - 07.02	HEEG	4	1.5		Control	<b>0 258 986 501</b>	80,000
	08.98 - 12.00	HD	4	1.6		Control	<b>0 258 986 501</b>	80,000
<b>Rocky</b>								
	01.86 - 12.89	3YE	4	2.0		Control	<b>0 258 002 031</b>	50,000
<b>Sirion</b>								
<b>M100</b>	04.98 - 05.00	EJDE	3	1.0		Control	<b>0 258 986 501</b>	80,000
<b>M101</b>	08.00 - 07.04	K3VE	4	1.3		Control	<b>0 258 986 602</b>	160,000
<b>Terios</b>								
<b>J100</b>	03.97 - 05.00	HCEJ	4	1.3		Control	<b>0 258 986 501</b>	80,000
<b>J102</b>	05.00 - 12.05	K3VE	4	1.3		Control	<b>0 258 986 602</b>	160,000
<b>YRV</b>								
<b>M201G</b>	08.00 - 04.05	K3VE	4	1.3		Diagnosis	<b>F 00H L00 091</b>	160,000
					08.00 - 12.01	Control	<b>0 258 986 602</b>	160,000
<b>M201</b>	08.00 - 07.05	K3	4	1.3	08.00 - 12.01	Control	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 986 602</b>	160,000

**DODGE**

<b>Nitro 2.8</b>								
<b>KA</b>	01.07→	ENS <VIN-9>	4	2.8	01.07 - 12.07	Control	<b>0 258 017 090</b>	250,000

**FERRARI**

<b>F50</b>								
	07.95→		12	4.7		Control	<b>0 258 003 309</b>	<b>0 258 986 506</b> 100,000
<b>Mondial</b>								
	01.86 - 12.87	F 105 C..Kat.	8	3.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b> 100,000
	02.90 - 02.94	F 119 D	8	3.4	02.90 - 06.91	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b> 160,000
					07.91 - 02.94	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b> 160,000
<b>328GTS</b>								
	09.85 - 09.89	F 105 C..	8	3.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b> 100,000
<b>348</b>								
	02.90 - 04.94	F 119 F 000	8	3.4	02.90 - 06.91	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b> 160,000
					07.91 - 04.94	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b> 160,000
	08.90 - 04.94	F 119 F 000	8	3.4	08.90 - 06.91	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b> 160,000
					07.91 - 04.94	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b> 160,000
<b>355</b>								
	05.94 - 10.95	F129B/40	8	3.5		Control	<b>0 258 003 309</b>	<b>0 258 986 506</b> 100,000
	10.95→	F129C/40	8	3.5		Control	<b>0 258 003 819</b>	<b>0 258 986 507</b> 160,000
						Diagnosis	<b>0 258 003 820</b>	<b>0 258 986 505</b> 160,000
<b>360</b>								
	03.99 - 12.04	F131	8	3.5		Control	<b>0 258 007 001</b>	160,000
						Diagnosis	<b>0 258 006 196</b>	<b>0 258 986 615</b> 160,000



	06.00→	F131B	8	3.5	Control	<b>0 258 007 001</b>		160,000
					Diagnosis	<b>0 258 006 196</b>	<b>0 258 986 615</b>	160,000
<b>456</b>								
	03.96 - 12.04	F 116 V12	12	5.5	Control	<b>0 258 003 819</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 003 820</b>	<b>0 258 986 505</b>	160,000
<b>456GT</b>								
	01.93 - 03.96	F 116 B 00	12	5.5	Control	<b>0 258 003 309</b>	<b>0 258 986 506</b>	100,000
<b>512</b>								
	01.92 - 10.94	F 113 D 00/40	12	5.0	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b>	160,000
<b>550</b>								
	10.96→	F 133	12	5.5	Control	<b>0 258 003 819</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 003 820</b>	<b>0 258 986 505</b>	160,000
<b>575</b>								
	02.02→	F 133 48V	12	5.7	Control	<b>0 258 006 486</b>	<b>0 258 986 615</b>	160,000

**FIAT**

<b>Bravo 1.9 JTD 8V</b>									
<b>198</b>	03.07→	192 A 8.000 <M88>	4	1.9	Control	<b>0 281 004 026</b>		250,000	
<b>Croma</b>									
<b>154..</b>	03.88 - 12.89	834 B.048	4	2.0	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>Ducato</b>									
<b>250..</b>	06.06→	F1AE0481D <M94>	4	2.3	Control	<b>0 281 004 026</b>		250,000	
<b>Grande Punto 1.4 i.e. Turbo 16V</b>									
<b>199..</b>	06.07→	198 A 4.000 <M20>	4	1.4	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
					Diagnosis	<b>0 258 006 375</b>		160,000	
<b>Punto</b>									
<b>199..</b>	10.05→	350 A 1.000 <M11>	4	1.4	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
					Diagnosis	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
		939 A 1.000 <M88>	4	1.9	Control	<b>0 281 004 026</b>		250,000	
	01.06→	199 A 5.000 <M89>	4	1.9	Control	<b>0 281 004 026</b>		250,000	
	06.06→	199 A 7.000 <M12>	4	1.4	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
<b>Ritmo</b>									
<b>198</b>	04.07→	937 A 5.000 <M92>	4	1.9	Control	<b>0 281 004 026</b>		250,000	
	07.07→	198 A 1.000 <M21>	4	1.4	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
					Diagnosis	<b>0 258 006 375</b>		160,000	
<b>124</b>									
	06.79 - 04.85	132 C 3.031	4	2.0	06.79 - 08.81	Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000
					09.81 - 04.85	Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000
<b>500 1.2 8V</b>									
<b>150..</b>	07.07→	169 A 4.000 <M8>	4	1.2	Control		<b>0 258 986 507</b>	160,000	
					Diagnosis		<b>0 258 986 507</b>	160,000	
<b>500 1.4 16V</b>									
<b>150..</b>	07.07→	169 A 3.000 <M17>	4	1.4	Control	<b>0 258 006 206</b>	<b>0 258 986 615</b>	160,000	
					Diagnosis	<b>0 258 010 046</b>		160,000	

**FORD**

<b>Capri Convertible</b>								
<b>SA</b>	10.89 - 09.90	F	4	1.6	Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
<b>SA II</b>	10.90 - 03.92	D	4	1.6	Control		<b>0 258 986 501</b>	80,000
			4	1.6		<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
		T	4	1.6	Control		<b>0 258 986 501</b>	80,000
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
<b>SC</b>	04.92 - 07.93	D	4	1.6	Control		<b>0 258 986 501</b>	80,000
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
	07.92 - 07.93	T	4	1.6	Control		<b>0 258 986 501</b>	80,000
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
<b>SE</b>	08.93 - 07.94	D	4	1.6	Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
		T	4	1.6	Control		<b>0 258 986 501</b>	80,000
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000



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Corsair										
UA	09.88 - 08.92	CA20E	4	2.0		Control		<b>0 258 986 501</b>	80,000	
		KA24E	4	2.4		Control		<b>0 258 986 501</b>	80,000	
Cougar										
	08.98 - 12.00	LCBC <MP25 Duratec-VE SEFI>	6	2.5	08.98 - 01.99	Diagnosis	<b>0 258 005 735</b>	<b>0 258 986 507</b>	160,000	
					08.98 - 12.99	Control	<b>F 00H L00 034</b>	<b>0 258 986 507</b>	160,000	
					02.99 - 12.00	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
					01.00 - 12.00	Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000	
Courier										
PC	09.90 - 02.96	G6	4	2.6		Control		<b>0 258 002 210</b>	50,000	
		03.96 - 05.99	G6	4	2.6		Control	<b>0 258 986 507</b>	160,000	
							<b>0 258 005 708</b>	160,000		
PD	03.96 - 11.99	G6	4	2.6		Control		<b>0 258 002 210</b>	50,000	
		05.96 - 01.99	G6	4	2.6		Control	<b>0 258 002 210</b>	50,000	
PE	02.99 - 10.02	G6	4	2.6		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
PG	11.02 - 08.04	G6	4	2.6		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
PH	09.04 →	G6	4	2.6		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
Escape										
BA	12.00 →	Duratec <1>	6	3.0		Control	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
						Diagnosis	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
ZA	01.01 - 12.05	Duratec <VIN-1>	6	3.0		Control	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
						Diagnosis	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
					01.04 →	L3 <L3 MZR>	4	2.3		Control
							<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
ZB	01.06 →	Duratec <VIN-1>	6	3.0		Control	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
						Diagnosis	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000	
Fairlane										
NA	06.88 - 09.89	P	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
NA II	10.89 - 06.91	P	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
NC	07.91 - 02.92	P	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
NC II	03.92 - 02.95	H	6	4.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
NF	03.95 - 09.95	H	6	4.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
NF II	10.95 - 08.96	H	6	4.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
NL	09.96 - 02.99	H	6	4.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		X	6	4.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
AU	02.99 - 06.00	Y	6	4.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
		Z	8	5.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
AU II	07.00 - 02.03	Y	6	4.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
		Z	8	5.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
BA	07.03 - 02.05	H <Barra 182>	6	4.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
		Z <Barra 220>	8	5.4		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
BA II	03.05 - 09.05	H <Barra 182>	6	4.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
		Z <Barra 220>	8	5.4		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
BF	10.05 →	H <Barra 190>	6	4.0		Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
						Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
					Z <Barra 230>	8	5.4		Control	<b>0 258 005 717</b>
							<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
Falcon / Fairmont (inc G & XR Series)										
EA	03.88 - 12.88	A <CFI>	6	3.2		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		03.88 - 09.89	D <CFI>	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000
			P <MPFI>	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000
EA II	10.89 - 06.91	D <CFI>	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		P <MPFI>	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
EB	07.91 - 02.92	D <CFI>	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		P <MPFI>	6	3.9		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
EB II	03.92 - 07.93	H	6	4.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0		Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	





EB II	10.92 - 04.93	J	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
	10.92 - 07.93	X	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
ED	08.93 - 07.94	X	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
	08.93 - 08.94	H	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		T	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
		Z	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
EF	09.94 - 09.95	H	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		X	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		Z	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
EF II	10.95 - 08.96	H	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		X	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		Z	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
EL	09.96 - 08.98	H	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		X	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		X <I6 MP EFI OHC>	6	4.0	Control	0 258 003 950	0 258 986 502	100,000	
		Z	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
	10.97 - 08.98	Z	8	5.0	Control	0 258 003 950	0 258 986 502	100,000	
AU	09.98 - 02.00	X	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Y	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z	8	5.0	Control	0 258 986 603	0 258 986 602	250,000	
	09.98 - 03.00	H	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Y	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z	8	5.0	Control	0 258 986 603	0 258 986 602	250,000	
AU II	04.00 - 03.01	H	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		X	6	4.0	Control	0 258 006 165	0 258 986 615	160,000	
		Y	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z	8	5.0	Control	0 258 986 603	0 258 986 602	250,000	
	04.00 - 09.01	H	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Y	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z	8	5.0	Control	0 258 986 603	0 258 986 602	250,000	
	07.00 - 03.01	S	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
	AU III	04.01 - 09.02	H	6	4.0	Control	0 258 986 603	0 258 986 602	250,000
S			6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
X			6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
Z			8	5.0	Control	0 258 986 603	0 258 986 602	250,000	
10.01 - 09.02		H	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Y	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z	8	5.0	Control	0 258 986 603	0 258 986 602	250,000	
BA	10.02 - 09.04	H <Barra 182>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		S <GAS>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Y <Barra 240T>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z <Barra 220>	8	5.4	Control	0 258 986 603	0 258 986 602	250,000	
		Z <Boss 260>	8	5.4	Control	0 258 986 603	0 258 986 602	250,000	
BA II	10.04 - 09.05	H <Barra 182>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		S <GAS>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Y <Barra 240T>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
		Z <Barra 220>	8	5.4	Control	0 258 986 603	0 258 986 602	250,000	
	03.05 - 09.05	Z <Boss 260>	8	5.4	Control	0 258 986 603	0 258 986 602	250,000	
	BF	10.05 - 09.06	H <Barra 190>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000
						Diagnosis	0 258 005 717	0 258 986 507	160,000
S <Egas>			6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
					Diagnosis	0 258 005 717	0 258 986 507	160,000	
Y <Barra 245T>			6	4.0	Diagnosis	0 258 005 717	0 258 986 507	160,000	
					Control	0 258 986 603	0 258 986 602	250,000	
					Control	0 258 005 717	0 258 986 507	160,000	
Z <Barra 230>			8	5.4	Control	0 258 005 717	0 258 986 507	160,000	
					Diagnosis	0 258 005 717	0 258 986 507	160,000	
Z <Boss 260>			8	5.4	Control	0 258 005 717	0 258 986 507	160,000	
					Diagnosis	0 258 005 717	0 258 986 507	160,000	
BF II	10.06→	H <Barra 190>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
					Diagnosis	0 258 005 717	0 258 986 507	160,000	
		S <Egas>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000	
					Diagnosis	0 258 005 717	0 258 986 507	160,000	



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<b>BF II</b>	10.06→	Y <Barra 245T>	6	4.0	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
	Z <Barra 230>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
				Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
				Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
				Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
<b>FG</b>	04.08→	H <Barra 195>	6	4.0	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
	S <Egas>	6	4.0	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
				Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
	Y <Barra 270T>	6	4.0	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
				Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
Z <Boss 290>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000		
			Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000		
<b>Falcon Utility / Van (inc XR Series)</b>								
<b>XG</b>	03.93 - 03.96	H	6	4.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000
	10.93 - 03.96	X	6	4.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000
<b>AU II</b>	04.00 - 09.01	H <Intech>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		S <GAS>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		X <Intech>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		H <Intech>	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Intech>	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
<b>AU III</b>	10.01 - 09.02	H <Intech>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		S <GAS>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Intech>	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
<b>BA</b>	10.02 - 09.04	H <Barra 182>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		S <GAS>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Y <Barra 240T>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Barra 220>	8	5.4	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Boss 260>	8	5.4	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
<b>BA II</b>	10.04 - 09.05	H <Barra 182>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		S <GAS>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Barra 220>	8	5.4	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
	03.05 - 09.05	H <Barra 182>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Y <Barra 240T>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Boss 260>	8	5.4	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
<b>BF</b>	10.05 - 09.06	H <Barra 190>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		S <GAS>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		Y <Barra 245T>	6	4.0	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
		Z <Barra 220>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		Z <Boss 260>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
<b>BF II</b>	10.06→	H <Barra 190>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		S <GAS>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		Y <Barra 245T>	6	4.0	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		Z <Barra 220>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		Z <Boss 260>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
<b>FG</b>	04.08→	H <Barra 195>	6	4.0	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		S <Egas>	6	4.0	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
		Y <Barra 270T>	6	4.0	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
					Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
Z <Boss 260>	8	5.4	Control	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000		
			Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000		



Festiva												
WB	04.94 - 12.96	U	4	1.3	Control			0 258 986 501	80,000			
						0 258 002 054		0 258 986 501	50,000			
WBII	02.97 - 12.97	U	4	1.3	Control			0 258 986 501	80,000			
		E	4	1.5	Control			0 258 986 501	80,000			
WF	01.98 - 12.00	U	4	1.3	Control			0 258 986 501	80,000			
		E	4	1.5	Control			0 258 986 501	80,000			
Fiesta												
02/05	11.01→	FYJ... <Duratec 16V SFI>	4	1.6	Control			0 258 986 507	160,000			
					A/T	Diagnosis			0 258 986 507	160,000		
					M/T	Diagnosis			0 258 986 602	160,000		
					Control	0 258 006 573	0 258 986 602	250,000				
11.04→	N4JB <Duratec 16V SFI>	4	2.0	Control	0 258 006 573	0 258 986 602	250,000					
				Diagnosis	0 258 006 713		250,000					
Focus												
08.98 - 05.05	EYDC	<ZH18,Zetec-E, SFI>	4	1.8	Control			0 258 986 507	160,000			
					07.00 - 05.05	Diagnosis			0 258 986 615	160,000		
					EDDC	4	2.0	Control			0 258 986 507	160,000
								07.00 - 05.05	Diagnosis			0 258 986 615
02.02 - 05.05	ALDA <Duratec-ST>	4	2.0	Control	0 258 005 717	0 258 986 507	160,000					
				Diagnosis	0 258 005 717	0 258 986 507	160,000					
11.04 - 01.08	AOD... <Duratec-HE>	4	2.0	Control	0 258 006 573	0 258 986 602	250,000					
				Diagnosis	0 258 006 569		250,000					
10.05 - 01.08	HYDA <Duratec-ST>	5	2.5	Control	0 258 007 239		250,000					
				Diagnosis	0 258 006 913		250,000					
07.06→	AOD... <Duratec-HE>	4	2.0	Control	0 258 006 573	0 258 986 602	250,000					
				Diagnosis	0 258 006 569		250,000					
12.07→	<Duratec-ST>	5	2.5	Control	0 258 007 239		250,000					
				Diagnosis	0 258 006 913		250,000					
FPV Force 6												
BF II	10.06→	Y <F6 270>	6	4.0	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FPV Force 8												
BF II	10.06→	Z	8	5.4	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FPV F6												
FG	05.08→	Y <F6 310>	6	4.0	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FPV F6 Tornado												
BA II	01.05 - 09.05	Y <F6 270>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000				
BF	10.05 - 09.06	Y <F6 270>	6	4.0	Diagnosis	0 258 005 717	0 258 986 507	160,000				
					10.05 - 01.06	Control	0 258 986 603	0 258 986 602	250,000			
					02.06 - 09.06	Control	0 258 005 717	0 258 986 507	160,000			
BF II	10.06→	Y <F6 270>	6	4.0	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FPV F6 Typhoon												
BA II	10.04 - 09.05	Y <F6 270>	6	4.0	Control	0 258 986 603	0 258 986 602	250,000				
BF	10.05 - 09.06	Y <F6 270>	6	4.0	Diagnosis	0 258 005 717	0 258 986 507	160,000				
					10.05 - 01.06	Control	0 258 986 603	0 258 986 602	250,000			
					02.06 - 09.06	Control	0 258 005 717	0 258 986 507	160,000			
BF II	10.06→	Y <F6 270>	6	4.0	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FPV F6 UTE												
FG	05.08→	Y <F6 310>	6	4.0	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FPV GT												
BA	02.03 - 09.04	Z <Boss 290>	8	5.4	Control	0 258 986 603	0 258 986 602	250,000				
BA II	10.04 - 09.05	Z <Boss 290>	8	5.4	Control	0 258 986 603	0 258 986 602	250,000				
BF	10.05 - 09.06	Z <Boss 290>	8	5.4	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
BF II	10.06→	Z <Boss 302>	8	5.4	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				
FG	05.08→	Z <Boss 315>	8	5.4	Control	0 258 005 717	0 258 986 507	160,000				
					Diagnosis	0 258 005 717	0 258 986 507	160,000				





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FPV GT-P										
BA	02.03 - 09.04	Z <Boss 290>	8	5.4		Control	0 258 986 603	0 258 986 602	250,000	
BA II	10.04 - 09.05	Z <Boss 290>	8	5.4		Control	0 258 986 603	0 258 986 602	250,000	
BF	10.05 - 09.06	Z <Boss 290>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
BF II	10.06→	Z <Boss 302>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
FPV Pursuit										
BA	02.03 - 09.04	Z <Boss 290>	8	5.4		Control	0 258 986 603	0 258 986 602	250,000	
BA II	10.04 - 09.05	Z <Boss 290>	8	5.4		Control	0 258 986 603	0 258 986 602	250,000	
BF	10.05 - 09.06	Z <Boss 290>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
BF II	10.06→	Z <Boss 302>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
FG	05.08→	Z <Boss 315>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
FPV Super Pursuit										
BA II	06.05 - 09.05	Z <Boss 290>	8	5.4		Control	0 258 986 603	0 258 986 602	250,000	
BF	10.05 - 09.06	Z <Boss 290>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
BF II	10.06→	Z <Boss 302>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
FG	05.08→	Z <Boss 315>	8	5.4		Control	0 258 005 717	0 258 986 507	160,000	
						Diagnosis	0 258 005 717	0 258 986 507	160,000	
F250										
	01.01→	<5,4L SOHC V8>	8	5.4		Control	0 258 005 716	0 258 986 507	160,000	
Ka										
	09.96 - 10.02	J4D <HCS,Endura-E SEFI>	4	1.3	09.96 - 12.98	Control	0 258 003 485	0 258 986 507	160,000	
						Control		0 258 986 507	160,000	
		J4M <HCS,Endura-E SEFI>	4	1.3	09.96 - 12.98	Control	0 258 003 485	0 258 986 507	160,000	
						Control		0 258 986 507	160,000	
01.99 - 10.02	Control		0 258 986 507	160,000						
	Control		0 258 986 507	160,000						
Laser										
KC	10.85 - 09.87	F	4	1.6		Control		0 258 986 501	80,000	
							0 258 002 054	0 258 986 501	50,000	
KE	10.87 - 02.90	F	4	1.6		Control		0 258 986 501	80,000	
							0 258 002 054	0 258 986 501	50,000	
		T	4	1.6		Control		0 258 986 501	80,000	
							0 258 002 054	0 258 986 501	50,000	
KF	03.90 - 09.91	C	4	1.8		Control		0 258 986 501	80,000	
		N	4	1.8		Control		0 258 986 501	80,000	
		06.90 - 09.91	H	4	1.8		Control		0 258 986 501	80,000
KH	10.91 - 09.92	C	4	1.8		Control		0 258 986 501	80,000	
		H	4	1.8		Control		0 258 986 501	80,000	
		N	4	1.8		Control		0 258 986 501	80,000	
KH II	10.92 - 07.93	H	4	1.8		Control		0 258 986 501	80,000	
		10.92 - 09.94	C	4	1.8		Control		0 258 986 501	80,000
		N	4	1.8		Control		0 258 986 501	80,000	
KJ	10.94 - 11.96	B	4	1.6		Control		0 258 986 502	160,000	
		N	4	1.8		Control		0 258 986 502	160,000	
KJ II	12.96 - 12.97	B	4	1.6		Control		0 258 986 502	160,000	
		N	4	1.8		Control		0 258 986 502	160,000	
KJ III	12.97 - 03.99	B	4	1.6		Control		0 258 986 502	160,000	
		N	4	1.8		Control		0 258 986 502	160,000	
KN	03.99 - 02.01	ZM	4	1.6		Control		0 258 986 501	80,000	
		FP	4	1.8		Control		0 258 986 501	80,000	
KQ	03.01 - 12.03	ZM	4	1.6		Control		0 258 986 501	80,000	
		FP	4	1.8		Control		0 258 986 501	80,000	
LTD										
DA	06.88 - 09.89	P	6	3.9		Control	0 258 003 950	0 258 986 502	100,000	
DA II	10.89 - 06.91	P	6	3.9		Control	0 258 003 950	0 258 986 502	100,000	
DC	07.91 - 02.92	P	6	3.9		Control	0 258 003 950	0 258 986 502	100,000	
		Z	8	5.0		Control	0 258 003 950	0 258 986 502	100,000	
	03.92 - 02.95	H	6	4.0		Control	0 258 003 950	0 258 986 502	100,000	





<b>DC II</b>	03.92 - 02.95	Z	8	5.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
<b>DF</b>	03.95 - 09.95	H	6	4.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
<b>DF II</b>	10.95 - 08.96	H	6	4.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
<b>DL</b>	09.96 - 05.99	H	6	4.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
		Z	8	5.0	Control	<b>0 258 003 950</b>	<b>0 258 986 502</b>	100,000	
<b>AU</b>	05.99 - 05.00	Z	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
	10.99 - 09.00	Y	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>AU II</b>	06.00 - 06.03	Y	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
		Z	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>BA</b>	07.03 - 09.04	Z	8	5.4	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>BA II</b>	03.05 - 09.05	Z <Barra 220>	8	5.4	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>Meteor</b>									
<b>GC</b>	10.85 - 10.87	F	4	1.6	Control		<b>0 258 986 501</b>	80,000	
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>Mondeo</b>									
<b>93</b>	03.95 - 07.96	NGA <ZH20,ZETEC>	4	2.0	Control	<b>0 258 003 713</b>	<b>0 258 986 507</b>	160,000	
<b>97</b>	08.96 - 09.00	NGD <ZH20, ZETEC-E>	4	2.0	Control	<b>F 00H L00 034</b>	<b>0 258 986 507</b>	160,000	
		SEA <MP25, DURATEC-VE>	6	2.5	Control	<b>0 258 003 714</b>		160,000	
	08.98 - 09.00	NGB <ZH20, ZETEC-E>	4	2.0	Control	<b>F 00H L00 034</b>	<b>0 258 986 507</b>	160,000	
<b>07</b>	02.07->	<DURATEC-ST>	5	2.5	Control	<b>0 258 007 332</b>		250,000	
					Diagnosis	<b>0 258 006 965</b>	<b>0 258 986 602</b>	250,000	
<b>Mustang</b>									
	09.99 - 08.04	<DOHC V8>	8	4.6	Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000	
					Diagnosis	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000	
					Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000	
								01.00 - 08.04	
<b>Probe</b>									
	04.94 - 07.97	KL <VIN-B>	6	2.5	Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
<b>Taurus</b>									
	09.96 - 08.99	Duratec <VIN-S>	6	3.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
					Diagnosis	<b>0 258 005 735</b>	<b>0 258 986 507</b>	160,000	
<b>Telstar</b>									
<b>AS</b>	01.86 - 09.87	N <Turbo>	4	2.0	Control		<b>0 258 986 501</b>	80,000	
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>AT</b>	10.87 - 10.89	T	4	2.2	Control		<b>0 258 986 501</b>	80,000	
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>AV</b>	01.90 - 10.91	T	4	2.2	Control		<b>0 258 986 501</b>	80,000	
						<b>0 258 002 061</b>	<b>0 258 986 501</b>	50,000	
<b>AX</b>	01.92 - 08.94	N	4	2.0	Control		<b>0 258 986 507</b>	160,000	
						<b>0 258 005 708</b>		160,000	
		U	6	2.5	Control		<b>0 258 986 507</b>	160,000	
						<b>0 258 005 708</b>		160,000	
	12.92 - 08.94	N	4	2.0	Control		<b>0 258 986 507</b>	160,000	
						<b>0 258 005 708</b>		160,000	
<b>AY</b>	09.94 - 11.96	N	4	2.0	Control		<b>0 258 986 507</b>	160,000	
						<b>0 258 005 708</b>		160,000	
		U	6	2.5	Control		<b>0 258 986 507</b>	160,000	
						<b>0 258 005 708</b>		160,000	
<b>Telstar Turbo</b>									
<b>AT</b>	10.87 - 10.89	T <Turbo>	4	2.2	Control		<b>0 258 986 501</b>	80,000	
						<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>AV</b>	01.90 - 10.91	T <Turbo>	4	2.2	Control		<b>0 258 986 501</b>	80,000	
						<b>0 258 002 061</b>	<b>0 258 986 501</b>	50,000	
<b>Territory</b>									
<b>SX</b>	05.04 - 09.05	H <Barra 182>	6	4.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>TE50</b>									
<b>AU</b>	10.99 - 09.00	Z	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>AU II</b>	10.00 - 10.01	Z	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>TL50</b>									
<b>AU</b>	10.99 - 09.00	Z	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	
<b>AU II</b>	10.00 - 10.01	Z	8	5.0	Control	<b>0 258 986 603</b>	<b>0 258 986 602</b>	250,000	





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Transit									
E__	08.94 - 07.00	NSF <DOHC 8V SEFI>	4	2.0	Control	0 258 006 022	0 258 986 615	250,000	
		NSG <DOHC 8V SEFI>	4	2.0	Control	0 258 006 022	0 258 986 615	250,000	
F___	08.01 - 07.06	E5FC <DOHC 16V BI-FUEL>	4	2.3	Control	0 258 006 165	0 258 986 615	160,000	
					Diagnosis	0 258 005 785	0 258 986 507	160,000	

**HOLDEN**

Apollo									
JK	08.89 - 07.91	3SFC <L4>	4	2.0	Control		0 258 002 031	50,000	
							0 258 002 051	0 258 002 031	50,000
JM	04.93 - 07.95	5SFE <LA4>	4	2.2	Control		0 258 002 031	50,000	
		3VZFE <LA6>	6	3.0	Control		0 258 002 031	50,000	
						0 258 002 051	0 258 002 031	50,000	
JP	08.95 - 05.97	5SFE <LA4>	4	2.2	Control		0 258 002 031	50,000	
		3VZFE <LA6>	6	3.0	Control		0 258 002 031	50,000	
						0 258 002 051	0 258 002 031	50,000	

Astra									
TR	09.96 - 09.98	C16SE <L55>	4	1.6	Control	0 258 002 014	0 258 986 501	50,000	
		C18SEL <2HO>	4	1.8	Control	F 00E 262 888		100,000	
		X20XEV <L34>	4	2.0	Control	F 00E 262 888		100,000	
TS	09.00 - 08.05	Z22SE	4	2.2	Control		0 258 986 602	160,000	
	09.02 - 08.05	Z20LET <Turbo Ecotec>	4	2.0	Control	0 258 006 171	0 258 986 615	160,000	
AH	03.04->	Z18XE <Ecotec>	4	1.8	Diagnosis		0 258 986 507	160,000	

Astra Convertible									
TS	09.00 - 08.05	Z22SE	4	2.2	Control		0 258 986 602	160,000	
	05.03 - 12.04	Z20LET <Turbo Ecotec>	4	2.0	Control	0 258 006 171	0 258 986 615	160,000	
					Diagnosis	0 258 006 280	0 258 986 602	160,000	

Astra Coupe									
TS	09.00 - 08.05	Z22SE	4	2.2	Control		0 258 986 602	160,000	

Barina										
SB	04.94 - 11.95	C16XE <L91>	4	1.6	Control	0 986 258 024	0 258 986 501	160,000		
	04.94 - 07.97	C12NZ <L71>	4	1.2	Control	0 258 002 014	0 258 986 501	50,000		
		C14NZ <LH6>	4	1.4	Control	0 258 002 014	0 258 986 501	50,000		
	12.95 - 09.98	X16XE <L91>		4	1.6	MLU Control	0 258 002 014	0 258 986 501	50,000	
						w/o AP Control	0 986 258 024	0 258 986 501	160,000	
	08.97 - 03.01	C14SE <L48>	4	1.4	Control	0 258 002 014	0 258 986 501	50,000		

XC									
04.01 - 10.05	Z14XE	4	1.4	Control	0 258 005 256	0 258 986 507	160,000		

Calibra									
YE	09.91 - 07.95	C20NE <ML4>	4	2.0	Control	0 258 003 300	0 258 986 502	160,000	
		C20XE <MT5>	4	2.0	Control	0 258 003 300	0 258 986 502	160,000	
	09.91 - 10.97	C20LET <M23>	4	2.0	Control	0 258 003 141	0 258 986 502	100,000	
08.95 - 10.97	X20XEV <MG4 F18>	Chassis T9004512->	4	2.0	Control	F 00E 262 888		100,000	
		C25XE, X25XE <MG4 F18>	6	2.5	Ascertain in vehicle Control	0 258 003 300	0 258 986 502	160,000	
						0 258 003 763	0 258 986 504	160,000	

Camira									
JE	04.87 - 09.89	JD <LE4>	4	2.0	Control	0 258 002 014	0 258 986 501	50,000	

Caprice									
VQ	03.90 - 10.91	VU							
		Eng. ->VU 611 187	8	5.0	Control	0 258 002 014	0 258 986 501	50,000	
VQ II	12.91 - 02.94	VH <LN3>	6	3.8	Control	0 258 002 028		50,000	
		VU	8	5.0	Control	0 258 002 014	0 258 986 501	50,000	
VR	03.94 - 08.94	VU	8	5.0	Control	0 258 986 001		160,000	
VR II	09.94 - 04.95	VU	8	5.0	Control	0 258 986 001		160,000	
VS	03.95 - 08.96	VU	8	5.0	Control	0 258 986 001		160,000	
	04.95 - 08.96	VH <LN3>	6	3.8	Control	0 258 005 703	0 258 005 732	160,000	
VS II	09.96 - 04.98	VS S/C <L67>	6	3.8	Control	0 258 005 703	0 258 005 732	160,000	



<b>VS II</b>	09.96 - 04.98	VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
	09.96 - 05.98	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VS III</b>	05.98 - 06.99	VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
	06.98 - 05.99	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WH</b>	06.99 - 07.01	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WH II</b>	08.01 - 04.03	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WK</b>	05.03 - 08.04	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WL</b>	09.04 - 08.06	H7 <Premium>	6	3.6		Control	<b>0 258 007 200</b>		250,000
						Diagnosis	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000
<b>Captiva</b>									
	05.06 →	Z32SE <Ecotec>	6	3.2		Control	<b>0 258 017 123</b>		250,000
<b>Combo</b>									
<b>SB</b>	02.96 - 06.97	C14NZ <2H6>	4	1.4		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
	08.97 - 12.02	C14SE <L48>	4	1.4		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>XC</b>	10.01 →	Z16SE	4	1.6		Control	<b>0 258 005 291</b>		160,000
	09.04 →	Z14XEP	4	1.4		Control	<b>0 258 006 501</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 499</b>	<b>0 258 986 602</b>	250,000
<b>Commodore / Calais</b>									
<b>VL</b>	01.86 - 07.88	RB30E	6	3.0		Control	<b>0 986 258 002</b>		160,000
		RB30ET <Turbo>	6	3.0		Control	<b>0 986 258 002</b>		160,000
<b>VN</b>	08.88 - 02.90	VH <LN3>	6	3.8		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
	08.88 - 09.91	VH <LN3>	6	3.8		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VN II</b>	03.90 - 09.91	VH <LN3>	6	3.8		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VP</b>	10.91 - 12.92	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VP II</b>	01.93 - 06.93	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
	02.93 - 06.93	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VR</b>	07.93 - 08.94	VH <LN3>	6	3.8		Control		<b>0 258 986 507</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VR II</b>	09.94 - 03.95	VH <LN3>	6	3.8		Control		<b>0 258 986 507</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS</b>	04.95 - 05.96	VH <LN3>							
		Chassis L 823095 →	6	3.8	4PO	Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		Chassis → L 823094	6	3.8	2PO	Control	<b>0 258 986 001</b>		160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS II</b>	06.96 - 07.97	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VT</b>	09.97 - 05.99	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VM High Performance <LB9>	8	5.0		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VM <LB9>	8	5.0		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VT II</b>	06.99 - 08.00	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VX</b>	10.00 - 07.01	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VX II</b>	08.01 - 09.02	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY</b>	10.02 - 07.03	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000



◀ HOLDEN

<b>VY</b>	10.02 - 07.03	VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY II</b>	08.03 - 08.04	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VZ</b>	09.04 - 08.06	H7 <Premium>	6	3.6		Control	<b>0 258 007 200</b>		250,000
					Diagnosis	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000	
	09.04 →	HB <Decontent>	6	3.6		Control	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000
<b>VE</b>	09.06 →	HNG	6	3.6		Diagnosis	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000
					09.06 - 08.07	Control	<b>0 258 017 123</b>		250,000
					09.07 →	Control	<b>0 258 010 047</b>		250,000
		H7	6	3.6		Diagnosis	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000
					09.06 - 08.07	Control	<b>0 258 017 123</b>		250,000
					09.07 →	Control	<b>0 258 010 047</b>		250,000
		H7 <Premium>	6	3.6		Diagnosis	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000
					09.06 - 08.07	Control	<b>0 258 017 123</b>		250,000
					09.07 →	Control	<b>0 258 010 047</b>		250,000

**Commodore Utility**

<b>VG</b>	08.90 - 08.91	VH <LN3>	6	3.8		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VP</b>	09.91 - 06.93	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VR</b>	07.93 - 03.95	VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS</b>	04.95 - 05.96	VH <LN3>							
		Chassis L 823095 →	6	3.8	4PO	Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		Chassis → L 823094	6	3.8	2PO	Control	<b>0 258 986 001</b>		160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS II</b>	06.96 - 07.97	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS III</b>	05.98 - 12.00	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VU</b>	12.00 - 07.01	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VU II</b>	08.01 - 09.02	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY</b>	10.02 - 07.03	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY II</b>	08.03 - 08.04	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VZ</b>	09.04 →	HB <HFV6>	6	3.6		Control	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000

**Crewman**

<b>VY II</b>	08.03 - 08.04	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VZ</b>	09.04 - 08.06	HB <HFV6>	6	3.6		Control	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000

**Frontera**

<b>UT</b>	01.95 - 03.99	X20SE OHC <Ecotec>	4	2.0		Control	<b>0 258 003 448</b>	<b>0 258 986 502</b>	160,000
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**Gemini**

<b>RB</b>	04.85 - 06.87	4XC1 <LN6>	4	1.5		Control		<b>0 258 986 501</b>	80,000
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**Jackaroo**

<b>UBS</b>	07.88 - 12.90	4ZE1	4	2.6		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000	
		05.92 - 06.95	6VD1	6	3.2	05.92 - 08.93	Control	<b>0 258 003 277</b>	<b>0 258 986 502</b>	160,000
						09.93 - 06.95	Control	<b>F 00H L00 036</b>	<b>0 258 005 732</b>	160,000
<b>UBS II</b>	07.95 - 12.97	6VD1	6	3.2		Control	<b>F 00H L00 036</b>	<b>0 258 005 732</b>	160,000	
<b>L8</b>	01.98 - 01.04	6VEI	6	3.5		Control	<b>F 00H L00 036</b>	<b>0 258 005 732</b>	160,000	

**Monaro**

<b>V2</b>	12.01 - 12.02	VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>V2 II</b>	01.03 - 07.03	VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>V2 III</b>	08.03 - 08.06	VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Nova**

<b>LF</b>	09.91 - 10.94	4AFE <L55>	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
	10.92 - 10.94	7AFE <LV6>	4	1.8		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>LG</b>	09.94 - 09.96	4AFE <L55>	4	1.6		Control	<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000



<b>LG</b>	09.94 - 09.96	7AFE <LV6>	4	1.8		Control	<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>Piazza</b>									
<b>YB</b>	04.86 - 12.87	4ZC1	4	2.0		Control		<b>0 258 986 501</b>	80,000
<b>Rodeo</b>									
<b>TF</b>	06.98 - 12.00	6VD1	6	3.2		Control	<b>F 00H L00 036</b>		160,000
	01.01 - 02.03	6VD1	6	3.2		Control	<b>F 00H L00 036</b>		160,000
	01.01 - 03.03	6VD1	6	3.2		Control	<b>F 00H L00 036</b>		160,000
<b>Statesman</b>									
<b>VQ</b>	03.90 - 10.91	VU							
		Eng. →VU 611 187	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VQ II</b>	12.91 - 02.94	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VR</b>	03.94 - 04.95	VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS</b>	03.95 - 08.96	VH <LN3>							
		Chassis L 823095 →	6	3.8	4PO	Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		Chassis →L 823094	6	3.8	2PO	Control	<b>0 258 986 001</b>		160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS II</b>	09.96 - 04.98	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
	09.96 - 05.98	VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>VS III</b>	05.98 - 06.99	VH <LN3>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VS S/C <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VU	8	5.0		Control	<b>0 258 986 001</b>		160,000
<b>WH</b>	06.99 - 07.01	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VS S/C <L67>	6	3.8	2 req.	Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WH II</b>	08.01 - 04.03	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
		VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WK</b>	05.03 - 08.04	VH <LN3>	6	3.8		Control	<b>0 258 002 028</b>		50,000
	08.03 - 08.04	VF <LS1>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>WL</b>	09.04 - 08.06	H7 <Premium>	6	3.6		Control	<b>0 258 007 200</b>		250,000
						Diagnosis	<b>0 258 006 743</b>	<b>0 258 986 602</b>	250,000
<b>Suburban</b>									
<b>K8</b>	01.98 - 08.05	L31	8	5.7		Control	<b>0 258 005 720</b>	<b>0 258 005 732</b>	160,000
						Diagnosis	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>Tigra</b>									
<b>B</b>	09.04 →	Z18XE <Ecotec>	4	1.8		Control		<b>0 258 986 507</b>	160,000
<b>Vectra</b>									
<b>JR</b>	06.97 - 07.98	C20SEL <L34>	4	2.0		Control	<b>F 00E 262 888</b>		100,000
		X25XE <L80>							
		Chassis V5141893 →	6	2.5		Control	<b>0 258 003 300</b>	<b>0 258 986 502</b>	160,000
		Chassis →V5141892	6	2.5		Control	<b>0 258 003 448</b>	<b>0 258 986 502</b>	160,000
<b>JS</b>	08.98 - 06.99	C20SEL <L34>	4	2.0		Control	<b>F 00E 262 888</b>		100,000
		C22SEL <LA9>	4	2.2		Control	<b>F 00E 262 888</b>		100,000
		X25XE <L80>	6	2.5		Control	<b>0 258 003 300</b>	<b>0 258 986 502</b>	160,000
<b>JS II</b>	07.99 - 08.00	X25XE <L80>	6	2.5		Control	<b>0 258 003 300</b>	<b>0 258 986 502</b>	160,000
	07.99 - 09.02	C20SEL <L34>	4	2.0		Control	<b>F 00E 262 888</b>		100,000
		C22SEL <LA9>	4	2.2		Control	<b>F 00E 262 888</b>		100,000
	09.00 - 09.02	Y26SE	6	2.6		Control	<b>0 258 006 347</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 346</b>	<b>0 258 986 615</b>	160,000
<b>ZC</b>	08.02 →	Z32SE <Ecotec>	6	3.2		Control	<b>0 258 006 386</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 386</b>	<b>0 258 986 615</b>	160,000
<b>Zafira</b>									
<b>TT</b>	09.00 - 08.05	Z22SE <Ecotec>	4	2.2		Control		<b>0 258 986 602</b>	160,000

**HONDA**

<b>Accord</b>									
<b>CA/CB/CD</b>	11.85 - 12.89	A20A2	4	2.0		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000
		A20A4	4	2.0		Control		<b>0 258 986 501</b>	80,000
	01.86 - 05.89	A20A2	4	2.0		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000
	04.87 - 10.89	A20A4	4	2.0		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000



◀ HONDA

<b>CA/CB/CD</b>	11.89 - 09.93	F22A5	4	2.2		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
	11.90 - 09.93	F22A5	4	2.2		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
	01.93 - 01.02	F22B1	4	2.2		Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000		
		F22B3	4	2.2		Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000		
	10.93 - 12.97	F22A6	4	2.2		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
		F22B1	4	2.2		Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000		
12.97 - 04.99	F23A1	4	2.3		Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000			
<b>CG</b>	12.97 - 12.02	J30A1	6	3.0	12.97 - 12.00	Control	<b>0 258 986 612</b>	<b>0 258 986 602</b>	250,000		
					01.01 - 12.02	A/T	Control		<b>0 258 986 507</b>	160,000	
	01.98 →	J30A4	6	3.0		HI	Diagnosis		<b>0 258 986 507</b>	160,000	
	01.99 →	F23A1	4	2.3			Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000	
	01.03 - 12.05	K24A4	4	2.4		front	Control		<b>0 258 986 507</b>	160,000	
<b>CL/CN/CM</b>	02.03 - 06.08	K24A3									
			Chassis →3C213444	4	2.4			Diagnosis		<b>0 258 986 507</b>	160,000
			Chassis 3C213445→	4	2.4			Diagnosis		<b>0 258 986 507</b>	160,000
<b>Accord Aerodeck</b>											
<b>CA/CB/CD</b>	06.93 - 01.97	F22B1	4	2.2		Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000		
<b>CB/CC/CD/CE</b>	10.93 - 06.96	F22B3	4	2.2		Control	<b>0 258 986 604</b>	<b>0 258 986 602</b>	250,000		
<b>Accord Tourer</b>											
<b>CL/CN/CM</b>	02.03 - 08.08	K24A3									
			Chassis →3C203528	4	2.4			Diagnosis		<b>0 258 986 507</b>	160,000
			Chassis 3C203529→	4	2.4			Diagnosis		<b>0 258 986 507</b>	160,000
<b>Civic</b>											
<b>EG/EH</b>	11.91 - 09.93	D16A6	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	02.93 - 09.93	D15Z1	4	1.5		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
	10.93 - 09.95	D15B4	4	1.5		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
		D15B7	4	1.5		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
		D15Z1	4	1.5		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
		D16Y1	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
<b>EJ/EK</b>	10.95 - 09.98	D16A1	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
		D16Y5	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	10.95 - 10.98	B16A2	4	1.6		Control	<b>0 258 986 611</b>		250,000		
	10.95 - 03.99	B16A2	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	10.95 - 09.00	D16Y4	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	10.95 - 12.00	D16Y5	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	10.95 - 02.01	B16A2	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
		D16Y5	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	05.96 - 04.99	D16Y8 <VTEC>	4	1.6		Control	<b>0 258 986 605</b>	<b>0 258 986 602</b>	250,000		
	01.99 - 12.00	B16A2	4	1.6		Control	<b>0 258 986 611</b>	<b>0 258 986 602</b>	250,000		
	04.99 - 04.00	D16Y7					Control		<b>0 258 986 602</b>	160,000	
							Diagnosis		<b>0 258 986 602</b>	160,000	
	11.01 - 03.05	LDA									
			Chassis 1000001→	4	1.3			Diagnosis		<b>0 258 986 507</b>	160,000
1200000											
01.06 →	LDA2	4	1.3			Diagnosis		<b>0 258 986 507</b>	160,000		
<b>Concerto</b>											
<b>MA</b>	11.88 - 07.93	D16A6	4	1.6		Control		<b>0 258 986 501</b>	80,000		
<b>CR-V</b>	10.95 - 01.99	B20B						<b>0 258 986 602</b>	160,000		
							<b>0 258 986 611</b>	250,000			
	09.96 - 11.00	B20B3			09.96 - 12.97	Control		<b>0 258 986 602</b>	160,000		
					01.98 - 12.98	Control		<b>0 258 986 615</b>	160,000		
					01.99 - 11.00	Control		<b>0 258 986 602</b>	160,000		
	02.99 - 12.01	B20B3	4	2.0		Control		<b>0 258 986 602</b>	160,000		
							<b>0 258 986 611</b>	250,000			
09.04 - 10.06	K24A1	4	2.4		Diagnosis		<b>0 258 986 507</b>	160,000			
<b>CRX</b>											
<b>ED/EE</b>	11.87 - 05.92	D16A8						<b>0 258 986 501</b>	80,000		
							<b>0 258 002 050</b>	50,000			
<b>EG/EH</b>	06.92 - 06.98	B16A2	4	1.6		Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000		
<b>HR-V</b>											
<b>GH</b>	12.98 - 12.01	D16W1						<b>0 258 986 602</b>	160,000		
					A/T	Diagnosis		<b>0 258 986 602</b>	160,000		





<b>GH</b>	12.98 - 12.01	D16W2	4	1.6		Control		<b>0 258 986 602</b>	160,000		
						A/T	Diagnosis	<b>0 258 986 602</b>	160,000		
	12.98 - 07.02	D16W1	4	1.6	12.98 - 12.01	Control		<b>0 258 986 602</b>	160,000		
						A/T	Diagnosis	<b>0 258 986 602</b>	160,000		
					01.02 - 07.02	Diagnosis		<b>0 258 986 602</b>	160,000		
<b>Integra</b>											
	06.86 - 05.89	D16A3	4	1.6		Control		<b>0 258 986 501</b>	80,000		
							<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000		
<b>DA</b>	06.89 - 07.93	B18A1	4	1.8		Control		<b>0 258 986 501</b>	80,000		
							<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000		
	08.93 - 10.99	B18B2	4	1.8		Control		<b>0 258 986 602</b>	160,000		
		B18C2	4	1.8		Control		<b>0 258 986 602</b>	160,000		
<b>Integra Type-R</b>											
<b>DC</b>	01.98 - 10.01	B18C6	4	1.8		Control		<b>0 258 986 602</b>	160,000		
<b>Jazz</b>											
<b>GD</b>	03.02→	L13A1	4	1.3		Control		<b>0 258 986 602</b>	160,000		
						Diagnosis		<b>0 258 986 602</b>	160,000		
<b>Legend</b>											
<b>KA/HS</b>	05.86 - 12.87	C25A1	6	2.5		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000		
	01.87 - 02.91	C27A1	6	2.7		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000		
	10.87 - 02.91	C27A1	6	2.7		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000		
<b>KA</b>	03.91 - 04.96	C32A3	6	3.2		Control		<b>0 258 986 602</b>	160,000		
		C32A3 <MPFI>	6	3.2		Control		<b>0 258 986 602</b>	160,000		
	01.96 - 04.98	C35A2	6	3.5		LAB	Control		<b>0 258 986 507</b>	160,000	
						RAB	Control		<b>0 258 986 602</b>	160,000	
	04.98 - 12.04	C35A5	6	3.5	04.98 - 12.98	LAB	Control		<b>0 258 986 507</b>	160,000	
RAB						Control		<b>0 258 986 602</b>	160,000		
01.99 - 12.04						RAB	Control		<b>0 258 986 602</b>	160,000	
				01.00 - 12.04	LAB	Control		<b>0 258 986 507</b>	160,000		
<b>KB</b>	10.04 - 09.08	J35A8	6	3.5		front	Control		<b>0 258 986 602</b>	160,000	
						2 req.	Diagnosis		<b>0 258 986 507</b>	160,000	
<b>MDX</b>											
<b>YD1</b>	03.03 - 06.06	J35A	6	3.5		front	Control		<b>0 258 986 602</b>	160,000	
<b>NSX</b>											
<b>NA</b>	06.90 - 12.96	C30A3	6	3.0			Control		<b>0 258 986 602</b>	160,000	
							Control		<b>0 258 986 602</b>	160,000	
	06.90 - 06.00	C30A4	6	3.0			front	Diagnosis		<b>0 258 986 602</b>	160,000
							01.97 - 06.00	front	Control		<b>0 258 986 602</b>
	01.97 - 09.05	C32B2	6	3.2			front	Control		<b>0 258 986 507</b>	160,000
							HI	Control		<b>0 258 986 507</b>	160,000
				01.97 - 12.99	front	Diagnosis		<b>0 258 986 602</b>	160,000		
					HI	Diagnosis		<b>0 258 986 602</b>	160,000		
<b>NSX-T</b>											
<b>NA</b>	01.95 - 01.05	C30A4	6	3.0			Control		<b>0 258 986 602</b>	160,000	
							front	Diagnosis		<b>0 258 986 602</b>	160,000
						01.97 - 01.05	front	Control		<b>0 258 986 602</b>	160,000
	01.97 - 09.05	C32B2	6	3.2			front	Control		<b>0 258 986 507</b>	160,000
							HI	Control		<b>0 258 986 507</b>	160,000
					01.97 - 12.99	front	Diagnosis		<b>0 258 986 602</b>	160,000	
					HI	Diagnosis		<b>0 258 986 602</b>	160,000		
<b>Odyssey</b>											
<b>RA</b>	06.95 - 12.97	F22B6 <MPFI>	4	2.2			Control		<b>0 258 986 602</b>	160,000	
	01.98 - 02.00	F23A7	4	2.3			Control		<b>0 258 986 602</b>	160,000	
	03.00→	F23Z4	6	2.3			Control		<b>0 258 986 602</b>	160,000	
<b>Prelude</b>											
<b>AB</b>	01.86 - 09.87	A20A4	4	2.0			Control		<b>0 258 986 501</b>	80,000	
							<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000		
<b>BA</b>	04.87 - 01.92	B20A5	4	2.0			Control		<b>0 258 986 501</b>	80,000	
	10.87 - 12.91	B20A6	4	2.0	10.87 - 11.90		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000	
							12.90 - 12.91	Control	<b>0 258 005 710</b>	<b>0 258 986 602</b>	160,000
<b>BB</b>	12.91 - 12.96	F22A1	4	2.2			Control		<b>0 258 986 602</b>	160,000	
	01.94 - 12.96	H22A1	4	2.2			Control		<b>0 258 986 602</b>	160,000	
	03.95 - 12.96	H23A1	4	2.3			Control		<b>0 258 986 602</b>	160,000	





◀ HONDA

BB	01.97 - 02.02	H22A4	4	2.2		Control	<b>0 258 986 602</b>	160,000
	01.97 - 07.02	F22A6	4	2.2		Control	<b>0 258 986 602</b>	160,000
<b>S2000</b>								
	04.99→	F20C1 <S2A>	4	2.0	04.99 - 12.03	Diagnosis	<b>0 258 986 602</b>	160,000
					04.99 - 12.05	Control	<b>0 258 986 507</b>	160,000

**HSV (HOLDEN SPECIAL VEHICLES)**

**Avalanche Utility**

VY II	03.04 - 09.04	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
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**Avalanche Wagon**

VY II	12.03 - 09.04	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
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**Clubsport**

VN	08.88 - 10.91	VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
VP	11.91 - 07.93	VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
VR	06.93 - 04.95	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
VS	05.95 - 08.97	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
VT	09.97 - 05.99	VM <LB9>	8	5.0		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VT II	06.99 - 08.00	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VX	09.00 - 08.02	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VY	09.02 - 08.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VY II	09.03 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Clubsport R8**

VT II	06.99 - 08.00	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VX	06.00 - 08.02	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VY	09.02 - 08.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VY II	09.03 - 09.04	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Coupe GTO**

V2	09.00 - 01.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
V2 II	02.03 - 08.03	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
V2 III	09.03 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Coupe GTS**

V2	09.00 - 01.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
V2 II	02.03 - 02.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
V2 III	03.04 - 12.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Coupe4**

V2 III	06.04 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
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**Grange**

VS	05.95 - 05.99	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
		VF	8	5.7		Control		<b>0 258 986 507</b>	160,000
WH	06.99 - 09.00	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
	10.00 - 08.01	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
WH II	09.01 - 08.03	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
WK	09.03 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Group A**

VN	06.91 - 12.91	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
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**Group A (Walkinshaw)**

VL	02.88 - 12.88	VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
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**GTS**

VP	11.91 - 07.93	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
VR	06.93 - 04.95	VF	8	5.7		Control		<b>0 258 986 507</b>	160,000
VS	05.95 - 08.97	VF	8	5.7		Control		<b>0 258 986 507</b>	160,000
VT II	06.99 - 08.00	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VX	09.00 - 08.02	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VY	09.02 - 09.04	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**Maloo**

VG	08.88 - 10.91	VU	8	5.0		Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
VR	06.93 - 04.95	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
VS	05.95 - 12.00	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
VU	03.01 - 08.01	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VU II	09.01 - 09.02	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
VY	10.02 - 08.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000



<b>VY II</b>	09.03 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>Maloo R8</b>									
<b>VU</b>	03.01 - 08.01	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VU II</b>	09.01 - 09.02	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY</b>	10.02 - 08.03	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY II</b>	09.03 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>Senator</b>									
<b>VP</b>	11.91 - 07.93	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
							<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VR</b>	06.93 - 04.95	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
		VF	8	5.7		Control		<b>0 258 986 507</b>	160,000
<b>VS</b>	05.95 - 08.97	VU	8	5.0		Control		<b>0 258 986 507</b>	160,000
		VF	8	5.7		Control		<b>0 258 986 507</b>	160,000
<b>VT</b>	09.97 - 05.99	VM <LB9>	8	5.0		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
		VF	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VT II</b>	06.99 - 08.00	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VX</b>	09.00 - 08.02	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY</b>	09.02 - 06.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
	10.02 - 08.03	VF <LS1, Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY II</b>	09.03 - 09.04	VF <Gen III>	8	5.7		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>XU6</b>									
<b>VT</b>	09.97 - 08.00	VS <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VX</b>	09.00 - 08.02	VS <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
<b>VY</b>	09.02 - 06.03	VS <L67>	6	3.8		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000

**HYUNDAI**

<b>Accent</b>									
<b>LC</b>	05.00 - 02.03	G4EC-G <DOHC Alpha>	4	1.5		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
						Diagnosis		<b>0 258 986 602</b>	160,000
	10.01→	Alpha	4	1.6		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
<b>LC</b>	03.03 - 03.06	G4ED-G	4	1.6		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
						Diagnosis		<b>0 258 986 602</b>	160,000
<b>MC</b>	04.06→	G4ED	4	1.6		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
						Diagnosis		<b>0 258 986 602</b>	160,000
<b>Accent Hatchback</b>									
<b>MC</b>	04.06→	G4ED	4	1.6		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
						Diagnosis		<b>0 258 986 602</b>	160,000
<b>Coupe</b>									
<b>RD</b>	05.96 - 09.01	G4GF <Beta>	4	2.0	05.96 - 11.96 N96	Control	<b>0 258 986 007</b>		160,000
<b>Elantra</b>									
<b>XD</b>	06.00 - 08.06	G4GB	4	1.8		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000
	08.00 - 09.03	G4GB	4	1.8		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000
	08.00 - 09.06	G4...	4	2.0		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000
<b>Excel</b>									
<b>X2</b>	02.90 - 07.94	G4DJ	4	1.5		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
<b>X3</b>	07.94 - 07.99	G4EK	4	1.5	07.94 - 07.97	Control	<b>0 258 986 007</b>		160,000
					08.97 - 07.99	Control	<b>0 986 258 010</b>		160,000
	11.95 - 07.99	G4FK	4	1.5	11.95 - 12.96 E96	Control	<b>0 258 986 007</b>		160,000
					08.97 - 07.99 E96	Control	<b>0 986 258 010</b>		160,000
<b>Getz</b>									
<b>TB</b>	03.03 - 08.05	G4E-A	4	1.3		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
	09.05→	G4EE-G	4	1.4		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
	10.05→	G4ED-G	4	1.6		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
<b>H-1 2.5 CRDi Cargo</b>									
	03.08 - 12.08		4	2.5		Diagnosis	<b>0 281 004 093</b>		250,000
<b>H-1 2.5 CRDi Travel</b>									
	03.08→		4	2.5		Diagnosis	<b>0 281 004 093</b>		250,000
<b>i30</b>									
	09.07→	D4FB <1.6L-U>	4	1.6		Control	<b>0 281 004 069</b>		250,000





◀ HYUNDAI

<b>i30 1.6</b>										
	09.07→	<1.6L-Gamma>	4	1.6			Control	<b>0 258 006 949</b>	<b>0 258 986 602</b>	250,000
							Ascertain in vehicle	<b>0 258 006 951</b>	<b>0 258 986 602</b>	250,000
<b>i30 2.0</b>										
	09.07→	<2.0L-Beta>	4	2.0			Control		<b>0 258 986 602</b>	160,000
<b>Lantra</b>										
<b>J1</b>										
	10.90 - 04.95	G4CR <New Sirius>	4	1.6			Control	<b>0 258 003 218</b>	<b>0 258 986 507</b>	100,000
							Diagnosis		<b>0 258 986 507</b>	160,000
		G4DJ <New Sirius>	4	1.6			Control	<b>0 258 003 218</b>	<b>0 258 986 507</b>	100,000
							Diagnosis		<b>0 258 986 507</b>	160,000
	06.92 - 04.95	G4CN <New Sirius>	4	1.8			Control	<b>0 258 003 218</b>	<b>0 258 986 507</b>	100,000
							Diagnosis		<b>0 258 986 507</b>	160,000
<b>J2</b>										
	05.95 - 09.00	G4GM <Beta>	4	1.8	05.95 - 11.96		Control	<b>0 258 986 007</b>		160,000
	08.96 - 09.00	G4GF <Beta>	4	2.0	08.96 - 11.96		Control	<b>0 258 986 007</b>		160,000
<b>Santa Fe</b>										
<b>SM</b>										
	02.00 - 12.05	G4JSX	4	2.4			Control	<b>F 00E 261 104</b>		
							Diagnosis		<b>0 258 986 602</b>	160,000
<b>CM</b>										
	03.06→	D4EB6	4	2.2			Control	<b>0 281 004 044</b>		250,000
<b>Santa Fe 2.2 CRDi 4x4</b>										
<b>CM</b>										
	03.06→		4	2.2			Control	<b>0 281 004 044</b>		250,000
<b>Scoupe</b>										
	02.90 - 06.92	G4DJ <New Orion>	4	1.5			Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
								<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	07.92 - 04.95	G4EK <Alpha>	4	1.5	07.92 - 06.93		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
		G4EK-TC <Alpha>	4	1.5	07.92 - 06.93		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
<b>Sonata</b>										
<b>Y2</b>										
	01.89 - 10.93	G4CS <New Sirius 4G64>	4	2.4			Control		<b>0 258 986 501</b>	80,000
	09.89 - 06.93	G6AT <6G72>	6	3.0			Control		<b>0 258 986 501</b>	80,000
<b>Sonata II</b>										
<b>Y3</b>										
	07.93 - 04.96	G4CP <New Sirius>	4	2.0			Control		<b>0 258 986 507</b>	160,000
					02.95 - 04.96		Diagnosis		<b>0 258 986 507</b>	160,000
	07.93 - 06.98	G6AT	6	3.0			Control		<b>0 258 986 507</b>	160,000
	05.96 - 06.98	G4CP <New Sirius>	4	2.0			Control		<b>0 258 986 507</b>	160,000
							Diagnosis		<b>0 258 986 507</b>	160,000
<b>Sonata III</b>										
<b>EF</b>										
	03.98 - 03.01	G6AV	6	2.5		RAB	Diagnosis		<b>0 258 986 507</b>	160,000
<b>Sonata IV</b>										
	01.01 - 09.04	G4P <DOHC Sirius II>	4	2.0			Control	<b>F 00E 261 104</b>		
							Diagnosis		<b>0 258 986 602</b>	160,000
<b>EF</b>										
	04.01 - 11.04	G6BA	6	2.7	04.01 - 01.03	RAB	Diagnosis		<b>0 258 986 507</b>	160,000
					02.03 - 11.04	LAB	Control		<b>0 258 986 507</b>	160,000
							Diagnosis		<b>0 258 986 507</b>	160,000
						RAB	Control		<b>0 258 986 507</b>	160,000
<b>Sonata V 2.0 CRDi</b>										
<b>NF</b>										
	01.06→	D4EA	4	2.0	01.06 - 09.06		Control	<b>0 281 004 044</b>		250,000
<b>Terracan</b>										
<b>HP</b>										
	07.01 - 10.06	G6CU1 <Sigma>	6	3.5			Control		<b>0 258 986 507</b>	160,000
<b>Tiburon</b>										
<b>RD</b>										
	04.96→	G4EK <DOHC Alpha>	4	1.5			Control	<b>0 258 986 007</b>		160,000
<b>GK</b>										
	03.02 - 12.03	G4GC-G	4	2.0			Control		<b>0 258 986 602</b>	160,000
							Diagnosis		<b>0 258 986 602</b>	160,000
	03.02→	G6BA-G	6	2.7	02.03→	LAB	Control		<b>0 258 986 507</b>	160,000
							Diagnosis		<b>0 258 986 507</b>	160,000
						RAB	Diagnosis		<b>0 258 986 507</b>	160,000
<b>Trajt</b>										
<b>FO</b>										
	01.00 - 06.07	G6BA	6	2.7		LAB	Diagnosis		<b>0 258 986 507</b>	160,000
							RAB	Diagnosis	<b>0 258 986 507</b>	160,000
					02.03 - 06.07	LAB	Control		<b>0 258 986 507</b>	160,000
							RAB	Control	<b>0 258 986 507</b>	160,000



<b>Tucson</b>									
<b>JM</b>	08.04→	G4GC	4	2.0		Control	<b>0 258 986 602</b>		160,000
		G6BA	6	2.7	RAB	Diagnosis	<b>0 258 986 602</b>		160,000

<b>Tucson 2.0i</b>									
<b>JM</b>	08.04→	G4GC	4	2.0		Control	<b>0 258 986 602</b>		160,000

**JAGUAR**

<b>Daimler</b>									
	10.86 - 12.90	9 DPANA <AJ6>	6	3.6		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	10.86 - 12.92	7P <Kat.>	12	5.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	09.89 - 10.94	9 EPCNA <AJ6 KAT>	6	4.0		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	09.94 - 10.98	9 JPFRB <AJ16>	6	4.0		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000

<b>Sovereign</b>									
	10.86 - 08.89	AJ6.4 <Kat.>	6	3.6		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	03.93 - 12.95		12	6.0		Control	<b>0 258 003 313</b>	<b>0 258 986 502</b>	160,000

<b>S-Type</b>										
<b>CCX</b>	10.98 - 04.02	AJ-V8								
		Chassis L86902→ M45254	8	4.0	M/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
		Chassis →L86901	8	4.0	M/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
			Chassis →M45254	8	4.0		Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000
						A/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
	10.98 - 03.08	AJ-V6								
		Chassis L86902→ M45254	6	3.0	M/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
		Chassis →L86901	6	3.0	M/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
			Chassis →M45254	6	3.0		Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000
						A/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000
	10.01 - 07.05	Chassis L86902→ M45254	6	2.5	M/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
		Chassis →M45254	6	2.5		Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000	
					A/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	
10.01 - 03.08	AJ-V8									
	Chassis L86902→ M45254	8	4.2	M/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000		
	Chassis →M45254	8	4.2		Control	<b>0 258 005 716</b>	<b>0 258 986 507</b>	160,000		
					A/T	Diagnosis	<b>0 258 005 717</b>	<b>0 258 986 507</b>	160,000	

<b>XJR8</b>									
	09.97 - 09.02	DC <AJV8>							
		Chassis F05776→	8	4.0		Diagnosis		<b>0 258 986 507</b>	160,000
		Chassis 853936→ F05775	8	4.0		Diagnosis		<b>0 258 986 507</b>	160,000

<b>XJ6</b>									
	03.79 - 10.86		6	4.2		Control		<b>0 258 986 501</b>	80,000
	09.89 - 09.94	AJ6 <Kat.>	6	4.0		Control	<b>0 258 003 061</b>	<b>0 258 986 502</b>	100,000
	10.90 - 09.94	9BPMNA <AJ6>	6	3.2		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	10.94 - 12.98	AJ16							
		Chassis 667829→ 708757	6	4.0		Control	<b>0 258 003 313</b>	<b>0 258 986 502</b>	160,000

<b>XJ8</b>									
	09.97 - 09.00	BC <AJV8>							
		Chassis F05776→	8	4.0		Diagnosis		<b>0 258 986 507</b>	160,000
		Chassis 853936→ F05775	8	4.0		Diagnosis		<b>0 258 986 507</b>	160,000
	09.97 - 01.03	AC <AJV8>							
		Chassis F05776→	8	3.2		Diagnosis		<b>0 258 986 507</b>	160,000
		Chassis 853936→ F05775	8	3.2		Diagnosis		<b>0 258 986 507</b>	160,000





◀ JAGUAR

XJ12									
	07.81 - 09.94	<Kat.>	12	5.3	07.81 - 03.90	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
					04.90 - 09.94	Control	<b>0 258 003 061</b>	<b>0 258 986 502</b>	100,000
	10.94 - 12.99	8D							
		Chassis 667829→ 708757	12	6.0		Control	<b>0 258 003 313</b>	<b>0 258 986 502</b>	160,000
XKR8									
QDV									
	03.98 - 09.02	EC <AJV8>							
		Chassis A03237→	8	4.0		Control		<b>0 258 986 507</b>	160,000
		Chassis →A03236	8	4.0		Control		<b>0 258 986 507</b>	160,000
XK8									
QDV									
	03.96 - 09.02	CE,CC <AJV8>							
		Chassis A03237→	8	4.0		Control		<b>0 258 986 507</b>	160,000
		Chassis →A03236	8	4.0		Control		<b>0 258 986 507</b>	160,000
QEV									
	03.96 - 09.02	CE,CC <AJV8>							
		Chassis A03237→	8	4.0		Control		<b>0 258 986 507</b>	160,000
		Chassis →A03236	8	4.0		Control		<b>0 258 986 507</b>	160,000

JEEP

Cherokee									
	01.94 - 12.98	ERH	6	4.0	01.94 - 12.95	Control	<b>0 258 005 704</b>	<b>0 258 986 507</b>	160,000
					01.96 - 12.96	Control	<b>0 258 005 704</b>	<b>0 258 986 507</b>	160,000
					01.97 - 12.98	Control		<b>0 258 986 602</b>	160,000
XJ									
	01.94 - 04.01	ERH <VIN-S>	6	4.0	01.94 - 12.97	Diagnosis	<b>0 258 003 829</b>		80,000
					01.94 - 12.98	Control	<b>0 258 005 722</b>	<b>0 258 986 507</b>	160,000
					01.98 - 12.98	Control	<b>0 258 005 722</b>	<b>0 258 986 507</b>	160,000
					01.99 - 12.99	EU2,EU3	Diagnosis		<b>0 258 986 507</b>
					01.99 - 12.00	EU3	Control	<b>0 258 003 169</b>	<b>0 258 986 504</b>
KJ									
	03.01 - 12.07	ED1,EDO	4	2.4	03.01 - 12.03	Diagnosis		<b>0 258 986 507</b>	160,000
					01.04 - 12.07	Diagnosis		<b>0 258 986 507</b>	160,000
		EKG <K>	6	3.7	03.01 - 12.03	LAB	Control		<b>0 258 986 507</b>
							Diagnosis		<b>0 258 986 507</b>
						RAB	Control		<b>0 258 986 507</b>
							Diagnosis		<b>0 258 986 507</b>
					01.04 - 12.07	Diagnosis		<b>0 258 986 507</b>	160,000
Commander 3.0 CRD 4x4									
XH									
	01.06→	EXL	6	3.0		Control	<b>0 258 017 090</b>		250,000
Grand Cherokee									
ZG									
	09.92 - 04.99	ERH,ERO <6L <S MPI>>	6	4.0	09.92 - 01.97	Diagnosis	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000
					01.96 - 04.99	Control	<b>F 00H L00 049</b>	<b>0 258 005 729</b>	160,000
					01.98 - 04.99	Diagnosis	<b>0 258 005 736</b>	<b>0 258 986 507</b>	160,000
WJ									
	10.98 - 09.04	EVA <N>	8	4.7		XEX	Control		<b>0 258 986 602</b>
							Diagnosis		<b>0 258 986 602</b>
							Control	<b>0 258 017 090</b>	250,000
WH									
	03.05→	EXL <VIN-M>	6	3.0			Control		<b>0 258 986 602</b>
		EVA,EVO <Power TechV8>	8	4.7			Control		<b>0 258 986 602</b>
							Diagnosis		<b>0 258 986 602</b>
		EZB,EZO <Hemi V8>	8	5.7		XEW	Control		<b>0 258 005 729</b>
Grand Cherokee 4.7i									
WG									
	09.00 - 12.04	EVA,EVO <Power Tech>	8	4.7		LAB	Control		<b>0 258 986 602</b>
							Diagnosis		<b>0 258 986 602</b>
						RAB	Control		<b>0 258 986 602</b>
							Diagnosis		<b>0 258 986 602</b>



<b>Wrangler</b>									
<b>TJ</b>	01.97→	ERH <S>	6	4.0	01.97 - 12.98	Control	<b>0 258 005 722</b>	<b>0 258 986 507</b>	160,000
						Diagnosis	<b>0 258 005 736</b>		160,000
	01.99 - 12.99	Control	<b>0 258 003 169</b>	<b>0 258 986 504</b>	80,000				
		Diagnosis		<b>0 258 986 507</b>	160,000				
	01.00 - 12.00	Control	<b>F 00H L00 048</b>		160,000				
		XEV	Diagnosis		<b>0 258 986 507</b>	160,000			
		XEW	Diagnosis		<b>0 258 986 507</b>	160,000			
		XEV	Diagnosis		<b>0 258 986 507</b>	160,000			
	01.01 - 12.03	XEV	Diagnosis		<b>0 258 986 507</b>	160,000			
	01.04 - 12.04	XEV	Diagnosis		<b>0 258 986 507</b>	160,000			
		XEW	Diagnosis		<b>0 258 986 507</b>	160,000			
	01.05→	XEW	Control		<b>0 258 005 729</b>	160,000			
			Diagnosis		<b>0 258 986 507</b>	160,000			

**KIA**

<b>Credos</b>									
	02.98 - 07.00	FE <DOHC FED>	4	2.0		Control	<b>0 258 003 653</b>	<b>0 258 986 502</b>	160,000
<b>Rio</b>									
<b>DC</b>	07.00 - 02.05	A5D	4	1.5		Control		<b>0 258 986 507</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000
	09.02 - 02.05	A5D	4	1.5		Control		<b>0 258 986 602</b>	160,000
<b>DE</b>	03.05→	G4EE	4	1.4		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
		G4ED	4	1.6		Control	<b>0 258 986 627</b>	<b>0 258 986 602</b>	250,000
	03.03→	G6CU	6	3.5		Control		<b>0 258 986 507</b>	160,000
						LAB	Diagnosis	<b>0 258 986 602</b>	160,000
						RAB	Diagnosis	<b>0 258 986 602</b>	160,000
<b>Sportage</b>									
<b>JA</b>	01.97 - 10.98	FED	4	2.0		Control	<b>0 258 003 461</b>	<b>0 258 986 502</b>	100,000
	09.04→	G6BA	6	2.7	R bank	Diagnosis		<b>0 258 986 602</b>	160,000
<b>Sportage New</b>									
	01.06→	D4EA-V	4	2.0		Control	<b>0 281 004 044</b>		250,000
<b>Sportage New 2.0 CRDi 4WD</b>									
	01.06→	D4EA-V	4	2.0		Control	<b>0 281 004 044</b>		250,000

**LAMBORGHINI (S+L+H)**

<b>Countach</b>									
	09.85 - 07.90	L 507 V4 I	12	5.2		Control		<b>0 258 986 501</b>	80,000

**LAND ROVER GROUP**

<b>Discovery</b>									
	09.89 - 12.98	V8 3.5 EFI <Kat.>	8	3.5		Control	<b>F 00E 261 358</b>		
	10.93 - 12.98	V8 3.9 <EFi>	8	3.9		Control	<b>F 00E 261 358</b>		
	10.98 - 10.04	V8 - EFi <OHV>	8	4.0		Control	<b>0 258 005 175</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 005 176</b>	<b>0 258 986 505</b>	160,000
<b>Freelander</b>									
09.97→	18K4F <K-Serie>	Chassis →YA 999999	4	1.8		Control	<b>0 258 003 193</b>	<b>0 258 986 506</b>	100,000
						Diagnosis	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000
						Control	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 432</b>	<b>0 258 986 615</b>	160,000
09.01→	KV 6 MPI <K-Serie>	4	2.5		Diagnosis	<b>0 258 006 432</b>	<b>0 258 986 615</b>	160,000	
<b>Freelander II 2.2 Td4</b>									
	03.07→		4	2.2		Control	<b>0 258 017 118</b>		250,000
<b>Range Rover</b>									
	06.70 - 06.86	22D <V8F-EFI-KAT>	8	3.5	w/ cat	Control	<b>F 00E 261 358</b>		



◀ LAND ROVER GROUP

01.87 - 09.90	V8F-EFI <KAT.> Chassis FA 351847→	8	3.5	w/ cat	Control	<b>F 00E 261 358</b>		
11.88 - 08.94	37D,38D <V8-EFI-KAT> Chassis FA 351847→	8	3.9	w/ cat	Control	<b>F 00E 261 358</b>		
09.94 - 09.02	42D Chassis XA 410482→	8	4.0		Control	<b>0 258 005 184</b>	<b>0 258 986 505</b>	160,000
	46D Chassis XA 410482→	8	4.6		Control	<b>0 258 005 184</b>	<b>0 258 986 505</b>	160,000
03.02 - 07.05	M62B44 V8	8	4.4		Control	<b>0 258 003 477</b>	<b>0 258 986 505</b>	160,000
					Diagnosis	<b>0 258 005 109</b>	<b>0 258 986 505</b>	160,000

**LEXUS**

**ES300**

<b>VCV10</b>	03.92 - 08.96	3VZFE	6	3.0		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>MCV20</b>	08.96 - 07.01	1MZFE	6	3.0		Control	<b>0 258 986 606</b>	<b>0 258 986 602</b>	250,000
<b>MCV30</b>	07.01 - 07.03	1MZFE	6	3.0		Diagnosis		<b>0 258 986 602</b>	160,000

**GS300**

<b>JZS160</b>	08.97 - 01.05	2JZGE	6	3.0		Control		<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 986 607</b>	<b>0 258 986 602</b>	250,000

**GS430**

<b>UZS161</b>	07.00 - 01.05	3UZFE	8	4.3		Control		<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 986 607</b>	<b>0 258 986 602</b>	250,000

**IS300**

<b>JCE10</b>	07.01 - 07.05	2JZGE	6	3.0		Diagnosis		<b>0 258 986 602</b>	160,000
					Ascertain in vehicle, XEV	Control		<b>0 258 986 602</b>	160,000
					XEW	Control		<b>0 258 986 602</b>	160,000

**LS400**

<b>UCF10</b>	12.89 - 09.94	1UZFE	8	4.0		Control		<b>0 258 986 602</b>	160,000
<b>UCF20</b>	10.94 - 08.00	1UZFE	8	4.0		Diagnosis		<b>0 258 986 602</b>	160,000

**LS430**

<b>UCF30</b>	08.00 - 08.06	3UZFE	8	4.3		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000

**LX470**

<b>UZJ100</b>	01.98→	2UZFE	8	4.7		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 617</b>	160,000

**RX400**

<b>MHU38</b>	03.05→	3MZFE	6	3.3		Diagnosis		<b>0 258 986 602</b>	160,000
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**SC430**

<b>UZZ40</b>	05.01→	3UZFE	8	4.3		Control		<b>0 258 986 602</b>	160,000
					05.01 - 08.05	Diagnosis		<b>0 258 986 602</b>	160,000

**LOTUS**

**Elan**

	09.89 - 06.92	Isuzu 4XE1	4	1.6		Control		<b>0 258 986 501</b>	80,000
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**Elise**

	01.96 - 12.01	K-Series	4	1.8		Ascertain in vehicle	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000
								<b>0 258 006 127</b>	<b>0 258 986 506</b>	160,000

**Esprit**

	02.80 - 07.92	910	4	2.2		Control		<b>0 258 986 501</b>	80,000
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**Exige**

	10.01 - 10.04	Rover K-Series VVC	4	1.8		Ascertain in vehicle	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000
								<b>0 258 006 127</b>	<b>0 258 986 506</b>	160,000



**MASERATI**

**Quattroporte**

03.04→		8	4.2		Control	<b>0 258 007 272</b>		160,000
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**MAYBACH**

**57**

09.02→	M 285.950 <E 55>	12	5.5		Control	<b>0 258 006 481</b>	<b>0 258 986 602</b>	250,000
					Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000

**62**

07.02→	M 285.950 <E 55>	12	5.5		Control	<b>0 258 006 481</b>	<b>0 258 986 602</b>	250,000
					Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000

**MAZDA**

**B2600**

<b>UF</b>	11.89 - 03.96	G6	4	2.6		Control	<b>0 258 002 210</b>	50,000
	03.96 - 05.99	G6	4	2.6		Control	<b>0 258 002 210</b>	50,000
<b>UN</b>	02.99 - 03.06	G6	4	2.6		Control	<b>0 258 986 507</b>	160,000
							<b>0 258 005 708</b>	160,000

**Eunos 30X**

<b>EC</b>	12.91 - 10.93	K8	6	1.8		Control	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 986 602</b>	160,000
	11.93 - 01.98	K8	6	1.8		Control	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 986 602</b>	160,000

**Eunos 500**

<b>CA</b>	04.94 - 09.96	KF	6	2.0		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
		Chassis	6	2.0	LAB	Control	<b>0 258 986 507</b>	160,000	
		CA10** 100938→			RAB	Control	<b>0 258 986 507</b>	160,000	

**Eunos 800**

<b>TA</b>	09.93 - 06.96	KL	6	2.5		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
	06.96→		6	2.5		Control	<b>0 258 986 507</b>	160,000	
						Diagnosis	<b>0 258 986 507</b>	160,000	

**MPV**

<b>LV</b>	08.93 - 04.96	E	6	3.0		Control	<b>0 258 002 035</b>	<b>0 258 986 501</b>	50,000
<b>LW</b>	03.02 - 06.04	L3	4	2.3		Control	<b>0 258 986 507</b>	160,000	
	03.02 - 12.05	AJ/AJDE	6	3.0	front	Control	<b>0 258 986 507</b>	160,000	
					HI	Control	<b>0 258 005 708</b>	<b>0 258 005 729</b>	160,000
<b>LW</b>	05.02 - 08.04	E	6	3.0	front	Diagnosis	<b>0 258 986 602</b>	160,000	
					HI	Control	<b>0 258 005 708</b>	<b>0 258 005 729</b>	160,000
						Diagnosis	<b>0 258 986 507</b>	160,000	
					Chassis →300147	6	3.0	front	Control

**MX-5**

<b>NA</b>	08.89 - 07.92	B64F	4	1.6		Control	<b>0 258 986 501</b>	80,000
	08.92 - 08.93	B64F	4	1.6		Control	<b>0 258 986 501</b>	80,000
	09.93 - 11.97	BP						
		Chassis	4	1.8		Control	<b>0 258 986 505</b>	160,000
		→NA18** 309286						
<b>NB</b>	01.98 - 07.05	BPD	4	1.8	01.98 - 08.00	Control	<b>0 258 986 602</b>	160,000
					09.00 - 07.05	A/T	Control	<b>0 258 986 507</b>
		Chassis 200302→	4	1.8	A/T	Diagnosis	<b>0 258 986 602</b>	160,000
	09.00 - 07.05	BPZE	4	1.8	A/T	Control	<b>0 258 986 507</b>	160,000

**MX-6**

<b>GD</b>	07.87 - 10.88	F2	4	2.2		Control	<b>0 258 986 501</b>	80,000	
							<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
	09.89 - 06.91	F2	4	2.2		Control	<b>0 258 002 061</b>	<b>0 258 986 501</b>	50,000





◀ MAZDA

<b>GE</b>	07.94 - 06.97	KL								
		Chassis	6	2.5		XEV	Control		<b>0 258 986 507</b>	160,000
		GE*0*2-111879→				XEV	Control		<b>0 258 986 507</b>	160,000
		Chassis	6	2.5			Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
		→GE*0*2-111879								
<b>Premacy</b>										
<b>CP</b>	11.01 - 05.03	FS	4	2.0			Diagnosis		<b>0 258 986 602</b>	160,000
<b>RX-7</b>										
<b>FC</b>	09.85 - 04.89	13BN34 <Kat.>	2	1.3			Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
	03.89 - 11.91	13B	2	1.3			Control		<b>0 258 986 501</b>	80,000
<b>FD</b>	01.92 - 07.94	13B	2	1.3			Control		<b>0 258 986 501</b>	80,000
	07.94 - 02.96	RE13B	2	1.3			Control		<b>0 258 986 501</b>	80,000
<b>RX-8</b>										
<b>SE</b>	04.03 - 04.08	13B	2	1.3			Diagnosis		<b>0 258 986 602</b>	160,000
<b>Tribute</b>										
	12.00 - 12.03	YF	4	2.0			Control	<b>0 258 005 718</b>	<b>0 258 005 729</b>	160,000
							Diagnosis	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000
	12.00→	AJ	6	3.0			Control	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000
							Diagnosis	<b>0 258 005 718</b>	<b>0 258 986 507</b>	160,000
<b>3</b>										
<b>BJ</b>	12.00→	ZM	4	1.6			Control		<b>0 258 986 507</b>	160,000
	01.01→	FP	4	1.8			Control		<b>0 258 986 502</b>	160,000
<b>BK</b>	07.03→	LF	4	2.0	07.03 - 03.06		Control		<b>0 258 986 507</b>	160,000
							Diagnosis		<b>0 258 986 602</b>	160,000
<b>6</b>										
<b>GG/GY</b>	02.02 - 08.07	L3	4	2.3	02.02 - 02.05		Diagnosis		<b>0 258 986 602</b>	160,000
	04.02 - 08.07	L3	4	2.3	04.02 - 02.05		Diagnosis		<b>0 258 986 602</b>	160,000
	06.02 - 12.07	L3	4	2.3	06.02 - 02.05	M/T	Diagnosis		<b>0 258 986 602</b>	160,000
	08.02 - 12.07	L3	4	2.3	08.02 - 02.05	M/T	Diagnosis		<b>0 258 986 602</b>	160,000
<b>121</b>										
<b>DB</b>	11.90 - 10.93	B3	4	1.3			Control	<b>0 258 003 703</b>	<b>0 258 986 502</b>	160,000
	11.93 - 12.95	B3	4	1.3			Control	<b>0 258 003 703</b>	<b>0 258 986 502</b>	160,000
		B5M1	4	1.5			Control	<b>0 258 003 703</b>	<b>0 258 986 502</b>	160,000
<b>DW</b>	08.96 - 12.99	B3	4	1.3			Control		<b>0 258 986 502</b>	160,000
		B5	4	1.5			Control		<b>0 258 986 502</b>	160,000
	01.00 - 12.02	B3	4	1.3			Control		<b>0 258 986 502</b>	160,000
		B5	4	1.5			Control		<b>0 258 986 502</b>	160,000
<b>323</b>										
<b>BF</b>	07.85 - 07.87	B6	4	1.6			Control		<b>0 258 986 501</b>	80,000
								<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
	09.87 - 06.89	B6	4	1.6			Control		<b>0 258 986 501</b>	80,000
								<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
<b>BG</b>	07.89 - 03.91	BP	4	1.8			Control		<b>0 258 986 501</b>	80,000
								<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
	11.89 - 04.92	BP	4	1.8			Control		<b>0 258 986 501</b>	80,000
								<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
04.91 - 05.94	BP	4	1.8			Control		<b>0 258 986 501</b>	80,000	
								<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000
<b>BA</b>	05.94 - 09.95	BP	4	1.8			Control		<b>0 258 986 501</b>	80,000
		KF/F	6	2.0			Control		<b>0 258 986 507</b>	160,000
									<b>0 258 986 602</b>	160,000
	11.94 - 09.95	BP	4	1.8			Control		<b>0 258 986 501</b>	80,000
	08.95 - 09.96	B6	4	1.6			Control		<b>0 258 986 501</b>	80,000
		BP	4	1.8			Control		<b>0 258 986 501</b>	80,000
	10.96 - 06.98	B6	4	1.6			Control		<b>0 258 986 501</b>	80,000
		BP	4	1.8			Control		<b>0 258 986 501</b>	80,000
10.96 - 07.98	KF	6	2.0			Control		<b>0 258 986 507</b>	160,000	
<b>BJ</b>	05.98 - 10.00	FP	4	1.8			Control		<b>0 258 986 507</b>	160,000
	07.98 - 10.00	ZM	4	1.6			Control		<b>0 258 986 507</b>	160,000
	07.98 - 11.00	ZM	4	1.6			Control		<b>0 258 986 507</b>	160,000
		FP	4	1.8			Control		<b>0 258 986 507</b>	160,000
							Ascertain in vehicle	Control	<b>0 258 986 602</b>	160,000





<b>BJ</b>	07.99 - 09.03	FP	4	1.8		Control	<b>0 258 986 507</b>	160,000		
	12.00 - 09.03	FP	4	1.8		Control	<b>0 258 986 507</b>	160,000		
						Ascertain in vehicle	<b>0 258 986 602</b>	160,000		
	12.00 - 12.03	ZM	4	1.6		Control	<b>0 258 986 507</b>	160,000		
		FP	4	1.8		Control	<b>0 258 986 507</b>	160,000		
		FS	4	2.0		Control	<b>0 258 986 507</b>	160,000		
					Ascertain in vehicle	<b>0 258 986 602</b>	160,000			
<b>626</b>										
<b>GC</b>	09.85 - 06.87	FE	4	2.0		Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>GD</b>	07.87 - 08.89	F2	4	2.2		Control		<b>0 258 986 501</b>	80,000	
							<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>GV</b>	03.88 - 09.89	F2	4	2.2		Control		<b>0 258 986 501</b>	80,000	
							<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>GD</b>	09.89 - 09.91	F2	4	2.2		Control	<b>0 258 002 061</b>	<b>0 258 986 501</b>	50,000	
<b>GE</b>	09.91 - 05.94	KL	6	2.5		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
	01.92 - 05.94	FS	4	2.0		Control		<b>0 258 986 507</b>	160,000	
							<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
	04.92 - 05.94	KL	6	2.5		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
	11.92 - 05.94	KL	6	2.5		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
<b>GF</b>	06.94 - 06.97	FS	4	2.0		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
										Chassis →GE*0*2-111840
		KL	6	2.5		XEV	Control	<b>0 258 986 507</b>	160,000	
		Chassis GE*0*2-111879→	6	2.5		XEW	Control	<b>0 258 986 507</b>	160,000	
		Chassis →GE*0*2-111879	6	2.5		Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000	
<b>GF</b>	05.97 - 10.99	FSD DOHC	4	2.0		A/T	Control	<b>0 258 986 507</b>	160,000	
						M/T	Control	<b>0 258 986 507</b>	160,000	
	06.97 - 10.99	FSD	4	2.0			Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
							A/T	Control	<b>0 258 986 507</b>	160,000
							M/T	Control	<b>0 258 986 507</b>	160,000
	11.99 - 08.02	FSD	4	2.0			Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
							A/T	Control	<b>0 258 986 507</b>	160,000
							M/T	Control	<b>0 258 986 507</b>	160,000
<b>626 Turbo</b>										
<b>GC</b>	01.86 - 06.87	FE	4	2.0		Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>GD</b>	10.87 - 08.89	F2	4	2.2		Control		<b>0 258 986 501</b>	80,000	
							<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
	09.89 - 09.91	F2	4	2.2		Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
							<b>0 258 002 061</b>	<b>0 258 986 501</b>	50,000	
<b>929</b>										
<b>HB</b>	09.85 - 06.86	FE <HBES>	4	2.0		Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
	09.85 - 02.87	FE <HBES>	4	2.0		Control	<b>0 258 002 054</b>	<b>0 258 986 501</b>	50,000	
<b>HC</b>	02.87 - 06.91	JE	6	3.0		Control		<b>0 258 986 504</b>	160,000	
<b>HD</b>	05.91 - 11.93	JE	6	3.0		RAB	Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
	12.93 - 12.95	JE	6	3.0		RAB	Control	<b>0 258 005 708</b>	<b>0 258 986 507</b>	160,000
<b>HE</b>	11.95 - 09.97	JE	6	3.0		Control		<b>0 258 986 507</b>	160,000	

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**A140**

<b>W168</b>	10.97 - 08.04	M 166.940 <E 14>	4	1.4		Control	<b>0 258 006 436</b>	<b>0 258 986 602</b>	250,000			
						Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000			
						Chassis →J 568589	4	1.4	Control	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000			





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<b>W168</b>	03.01 - 08.04	M 166.940 <E 14>	4	1.4	Control	<b>0 258 006 436</b>	<b>0 258 986 602</b>	250,000	
		Chassis J 568590→			Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000	
		Chassis →J 568589		4	1.4	Control	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000
<b>A150</b>									
<b>W169</b>	09.04→	M 266.920 <E 15>	4	1.5	Control	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
		Chassis J 151311→			Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
<b>A160</b>									
<b>W168</b>	10.97 - 08.04	M 166.960 <E 16>	4	1.6	Control	<b>0 258 006 436</b>	<b>0 258 986 602</b>	250,000	
		Chassis J 568590→			Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000	
		Chassis →J 568589		4	1.6	Control	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000
03.01 - 08.04	M 166.960 <E 16>	Chassis J 568590→	4	1.6	Control	<b>0 258 006 436</b>	<b>0 258 986 602</b>	250,000	
					Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000	
	Chassis →J 568589		4	1.6	Control	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
		Diagnosis			<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000		
<b>A170</b>									
<b>W169</b>	09.04→	M 266.940 <E 17>	4	1.7	Control	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
		Chassis J 151311→			Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
<b>A190</b>									
<b>W168</b>	03.99 - 08.04	M 166.990 <E 19>	4	1.9	Control	<b>0 258 006 436</b>	<b>0 258 986 602</b>	250,000	
		Chassis J 568590→			Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000	
		Chassis →J 568589		4	1.9	Control	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000
03.01 - 08.04	M 166.990 <E 19>	Chassis J 568590→	4	1.9	Control	<b>0 258 006 436</b>	<b>0 258 986 602</b>	250,000	
					Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000	
	Chassis →J 568589		4	1.9	Control	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
		Diagnosis			<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000		
<b>A200</b>									
<b>W169</b>	09.04→	M 266.960 <E 20>	4	2.0	Control	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
		Chassis J 151311→			Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
06.05→	M 266.980 <E 20 LA>	Chassis J 151311→	4	2.0	Control	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
					Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
<b>B180</b>									
<b>W245</b>	04.05→	OM 640.940 <DE 20 LA>	4	2.0	Control	<b>0 258 017 014</b>		250,000	
<b>B200</b>									
<b>W245</b>	04.05→	M 266.960 <E 20>	4	2.0	Control	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
		Diagnosis			<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000		
		M 266.980 <E 20 LA>	4	2.0	Control	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
					Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
<b>C 63 AMG T-Modell</b>									
<b>W204</b>	02.08→	M 156.985 <E 63>	8	6.2	Control	<b>0 258 017 016</b>		250,000	
		Diagnosis			<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000		
<b>C 200 KOMPRESSOR T-Modell</b>									
<b>W204</b>	09.07→	M 271.950 <KE 18 ML>	4	1.8	Control	<b>0 258 017 121</b>		250,000	
		Diagnosis			<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000		
<b>C 320 CDI</b>									
<b>W204</b>	06.07→	OM 642.960 <DE 30>	6	3.0	Diagnosis	<b>0 258 017 014</b>		250,000	
<b>CLC 200 KOMPRESSOR</b>									
<b>W203</b>	03.08→	M 271.955 <KE 18 ML>	4	1.8	Control	<b>0 258 007 161</b>		250,000	
		Diagnosis			<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000		





CLK55 AMG															
W208	05.99 - 04.02	M 113.984 <E55> Chassis F 136790→, T 000731→	8	5.4	A/T,LAB	Control	0 258 006 320	0 258 986 615	160,000						
					A/T,RAB	Control	0 258 006 326	0 258 986 615	160,000						
						LAB	Diagnosis	0 258 006 320	0 258 986 615	160,000					
						RAB	Diagnosis	0 258 006 324	0 258 986 615	160,000					
			Chassis →F 136789, →T 000730	8	5.4	LAB	Control	0 258 005 088	0 258 986 505	160,000					
							Diagnosis	0 258 005 094	0 258 986 505	160,000					
						RAB	Control	0 258 005 090	0 258 986 505	160,000					
							Diagnosis	0 258 005 092	0 258 986 505	160,000					
	W209	09.02 - 08.06	M 113.987 <E 55>	8	5.4						Diagnosis	0 258 006 183	0 258 986 615	160,000	
											LAB	Control	0 258 006 179	0 258 986 615	160,000
						RAB	Control	0 258 006 167	0 258 986 615	160,000					
		02.03 - 08.06	M 113.987 <E 55>	8	5.4						Diagnosis	0 258 006 183	0 258 986 615	160,000	
						LAB	Control	0 258 006 179	0 258 986 615	160,000					
						RAB	Control	0 258 006 167	0 258 986 615	160,000					
CLK63 AMG															
W209	09.06→	M 156.982 <E 63>	8	6.2						Diagnosis	0 258 006 749	0 258 986 602	250,000		
										LAB	Control	0 258 017 020		250,000	
										RAB	Control	0 258 017 018		250,000	
CLK200															
W208	06.97 - 06.00	M 111.945 <E20> Eng. →001912 Eng. →003752 Eng. 001913→ Eng. 003753→	4	2.0	M/T	Control	0 258 003 870	0 258 986 507	160,000						
					A/T	Control	0 258 003 870	0 258 986 507	160,000						
					M/T	Control	0 258 005 083	0 258 986 507	160,000						
					A/T	Control	0 258 005 083	0 258 986 507	160,000						
CLK200 Kompressor															
W208	06.00 - 01.03	M 111.956 <E 20 EVO ML>	4	2.0						Control	0 258 006 167	0 258 986 615	160,000		
											Diagnosis	0 258 006 125	0 258 986 615	160,000	
W209	09.02 - 09.06	M 271.940 <KE 18 ML>	4	1.8						Control	0 258 007 161		250,000		
											Diagnosis	0 258 006 475	0 258 986 602	250,000	
			02.03 - 09.06	M 271.940 <KE 18 ML>	4	1.8						Control	0 258 007 161		250,000
								Diagnosis	0 258 006 475	0 258 986 602	250,000				
CLK230 Kompressor															
W208	06.97 - 06.00	M 111.975 <E23 ML> Eng. →000555 Eng. →005799 Eng. 000556→ Eng. 005800→	4	2.3	A/T	Control	0 258 003 870	0 258 986 507	160,000						
					M/T	Control	0 258 003 870	0 258 986 507	160,000						
					A/T	Control	0 258 005 083	0 258 986 507	160,000						
					M/T	Control	0 258 005 083	0 258 986 507	160,000						
			06.98 - 05.00	M 111.975 <E23 ML> Eng. →000555 Eng. →005799 Eng. 000556→ Eng. 005800→	4	2.3	A/T	Control	0 258 003 870	0 258 986 507	160,000				
							M/T	Control	0 258 003 870	0 258 986 507	160,000				
							A/T	Control	0 258 005 083	0 258 986 507	160,000				
							M/T	Control	0 258 005 083	0 258 986 507	160,000				
			06.00 - 04.02	M 111.982 <EVO ML>	4	2.3						Control	0 258 006 167	0 258 986 615	160,000
								Diagnosis	0 258 006 125	0 258 986 615	160,000				
	CLK240														
	W209	05.02 - 03.05	M 112.912 <E 26>	6	2.6						Diagnosis	0 258 006 183	0 258 986 615	160,000	
											LAB	Control	0 258 006 359	0 258 986 615	160,000
											RAB	Control	0 258 006 167	0 258 986 615	160,000
		02.03 - 03.05	M 112.912 <E 26>	6	2.6						Diagnosis	0 258 006 183	0 258 986 615	160,000	
						LAB	Control	0 258 006 359	0 258 986 615	160,000					
						RAB	Control	0 258 006 167	0 258 986 615	160,000					
CLK280															
W209	04.05→	M 272.940 <E 30>	6	3.0						Control	0 258 017 018		250,000		
											Diagnosis	0 258 006 749	0 258 986 602	250,000	





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CLK320									
W208	06.98 - 01.03	M 112.940 <E32> Chassis T 054272→	6	3.2	A/T,LAB	Control	0 258 006 320	0 258 986 615	160,000
					A/T,RAB	Control	0 258 006 326	0 258 986 615	160,000
					LAB	Diagnosis	0 258 006 320	0 258 986 615	160,000
					RAB	Diagnosis	0 258 006 324	0 258 986 615	160,000
					LAB	Control	0 258 005 088	0 258 986 505	160,000
	Chassis →T 054271	6	3.2	LAB	Control	0 258 005 088	0 258 986 505	160,000	
				LAB	Diagnosis	0 258 005 094	0 258 986 505	160,000	
				RAB	Control	0 258 005 090	0 258 986 505	160,000	
				RAB	Diagnosis	0 258 005 092	0 258 986 505	160,000	
				LAB	Control	0 258 006 183	0 258 986 615	160,000	
W209	05.02 - 03.05	M 112.955 <E 32>	6	3.2	LAB	Control	0 258 006 359	0 258 986 615	160,000
					RAB	Control	0 258 006 167	0 258 986 615	160,000
					LAB	Diagnosis	0 258 006 183	0 258 986 615	160,000
	02.03 - 03.05	M 112.955 <E 32>	6	3.2	LAB	Control	0 258 006 359	0 258 986 615	160,000
					RAB	Control	0 258 006 167	0 258 986 615	160,000
					LAB	Control	0 258 006 167	0 258 986 615	160,000
CLK350									
W209	04.05→	M 272.960 <E 35>	6	3.5	Control	0 258 017 018		250,000	
					Diagnosis	0 258 006 749	0 258 986 602	250,000	
CLK430									
W208	08.98 - 04.02	M 113.943 <E43> Chassis F 136790→, T 000731→	8	4.3	A/T,LAB	Control	0 258 006 320	0 258 986 615	160,000
					A/T,RAB	Control	0 258 006 326	0 258 986 615	160,000
					LAB	Diagnosis	0 258 006 320	0 258 986 615	160,000
					RAB	Diagnosis	0 258 006 324	0 258 986 615	160,000
					LAB	Control	0 258 005 088	0 258 986 505	160,000
					LAB	Diagnosis	0 258 005 094	0 258 986 505	160,000
	Chassis →F 136789, → T 000730	8	4.3	RAB	Control	0 258 005 090	0 258 986 505	160,000	
				RAB	Diagnosis	0 258 005 092	0 258 986 505	160,000	
				A/T,LAB	Control	0 258 006 320	0 258 986 615	160,000	
				A/T,RAB	Control	0 258 006 326	0 258 986 615	160,000	
				LAB	Diagnosis	0 258 006 320	0 258 986 615	160,000	
				RAB	Diagnosis	0 258 006 324	0 258 986 615	160,000	
	09.98 - 01.03	M 113.943 <E43> Chassis T 054272→	8	4.3	LAB	Control	0 258 005 088	0 258 986 505	160,000
					LAB	Diagnosis	0 258 005 094	0 258 986 505	160,000
					RAB	Control	0 258 005 090	0 258 986 505	160,000
					RAB	Diagnosis	0 258 005 092	0 258 986 505	160,000
					LAB	Control	0 258 006 320	0 258 986 615	160,000
					LAB	Diagnosis	0 258 006 320	0 258 986 615	160,000
Chassis →T 054271	8	4.3	RAB	Diagnosis	0 258 006 324	0 258 986 615	160,000		
			LAB	Control	0 258 005 088	0 258 986 505	160,000		
			LAB	Diagnosis	0 258 005 094	0 258 986 505	160,000		
			RAB	Control	0 258 005 090	0 258 986 505	160,000		
			RAB	Diagnosis	0 258 005 092	0 258 986 505	160,000		
			LAB	Control	0 258 006 320	0 258 986 615	160,000		
CLK500									
W209	05.02 - 07.06	M 113.968 <E 50>	8	5.0	Diagnosis	0 258 006 183	0 258 986 615	160,000	
					LAB	Control	0 258 006 359	0 258 986 615	160,000
					RAB	Control	0 258 006 167	0 258 986 615	160,000
	02.03 - 07.06	M 113.968 <E 50>	8	5.0	Diagnosis	0 258 006 183	0 258 986 615	160,000	
					LAB	Control	0 258 006 359	0 258 986 615	160,000
					RAB	Control	0 258 006 167	0 258 986 615	160,000
	08.06→	M 273.967 <E 55>	8	5.0	Control	0 258 017 018		250,000	
					Diagnosis	0 258 006 749	0 258 986 602	250,000	
					LAB	Control	0 258 006 320	0 258 986 615	160,000
CLS 350 CGI Coupe									
W219	07.06→	M 272.985 <DE 35>	6	3.5	Control	0 258 017 080		250,000	
					Diagnosis	0 258 006 749	0 258 986 602	250,000	
CLS55 AMG									
W219	01.05 - 05.06	M 113.990 <E 55>	8	5.4	Control	0 258 006 272	0 258 986 615	160,000	
					Diagnosis	0 258 006 328	0 258 986 615	160,000	
CLS63 AMG									
W219	06.06→	M 156.983 <E 63>	8	6.2	Control	0 258 017 018		250,000	
					Diagnosis	0 258 006 747	0 258 986 602	250,000	
CLS350									
W219	06.04 - 06.06	M 272.964 <E 35>	6	3.5	Control	0 258 017 016		250,000	
					Diagnosis	0 258 006 749		250,000	
CLS500									
W219	06.04 - 03.06	M 113.967 <E 50>	8	5.0	Control	0 258 006 272	0 258 986 615	160,000	
					Diagnosis	0 258 006 328	0 258 986 615	160,000	





<b>W219</b>	04.06→	M 273.960 <E 55>	8	5.5		Control	<b>0 258 017 016</b>		250,000
						Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>CL55 AMG</b>									
<b>W215</b>	09.99 - 08.02	M 113.986 <E 55>	8	5.4		Control	<b>0 258 006 274</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000
<b>CL55 AMG Kompressor</b>									
<b>W215</b>	09.02 - 08.06	M 113.991 <E 55 ML AMG>	8	5.4		Control	<b>0 258 006 274</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000
<b>CL63 AMG</b>									
<b>W216</b>	01.07→	M 156.984 <E 63>	8	6.2		Control	<b>0 258 017 018</b>		250,000
						Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000
<b>CL65 AMG</b>									
<b>W215</b>	09.03 - 08.06	M 275.980 <E 60>	12	6.0		Control	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000
<b>W216</b>	07.07→	M 275.982 <E 60>	12	6.0		Control	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000
<b>CL500</b>									
<b>W215</b>	09.99 - 05.06	M 113.960 <E 50> Chassis A 008783→	8	5.0		Control	<b>0 258 006 274</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000
		Chassis →A 008782	8	5.0		Control	<b>0 258 003 642</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 003 782</b>	<b>0 258 986 505</b>	160,000
<b>W216</b>	06.06→	M 273.961 <E 55>	8	5.5		Control	<b>0 258 017 016</b>		250,000
						Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000
<b>CL600</b>									
<b>W215</b>	09.99 - 08.02	M 137.970 <E 58>	12	5.8		Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 125</b>	<b>0 258 986 615</b>	160,000
	09.02 - 08.06	M 275.950 <E 55>	12	5.5		Control	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000
<b>W216</b>	09.06→	M 275.953 <E 55>	12	5.5		Control	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000
<b>C32 AMG Kompressor</b>									
<b>W203</b>	01.01 - 01.04	M 112.961 <E 32 AMG>	6	3.2		Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>	160,000
					LAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>	160,000
					RAB	Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>	160,000
<b>C36 AMG</b>									
<b>W202</b>	01.94 - 05.97	M 104.941 <AMG> Chassis A 436536→, F 483848→	6	3.6		Control	<b>0 258 005 005</b>	<b>0 258 986 505</b>	160,000
		Chassis →A436535, →F483847	6	3.6		Control	<b>0 258 003 427</b>	<b>0 258 986 503</b>	160,000
<b>C43 AMG</b>									
<b>W202</b>	11.97 - 04.00	M 113.944	8	4.3		LAB	Control	<b>0 258 005 088</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 094</b>	<b>0 258 986 505</b>
					RAB	Control	<b>0 258 005 090</b>	<b>0 258 986 505</b>	160,000
							Diagnosis	<b>0 258 005 092</b>	<b>0 258 986 505</b>
<b>C55 AMG</b>									
<b>W203</b>	02.04 - 08.07	M 113.988 <E 55>	8	5.4		Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>	160,000
					LAB	Control	<b>0 258 006 318</b>	<b>0 258 986 615</b>	160,000
					RAB	Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>	160,000
<b>C63 AMG</b>									
<b>W204</b>	02.08→	M 156.985 <E 63>	8	6.2		Control	<b>0 258 017 016</b>		250,000
						Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>C180</b>									
<b>W202</b>	03.93 - 08.95	M 111.920 <E 18> Eng. →050883	4	1.8	A/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. →117655	4	1.8	M/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. 050884→	4	1.8	A/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
		Eng. 117656→	4	1.8	M/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000







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<b>W202</b>	09.95 - 04.00	M 111.921 <E 18>							
		Eng. →004126	4	1.8	A/T	Control	<b>0 258 003 870</b>	<b>0 258 986 507</b>	160,000
		Eng. →007268	4	1.8	M/T	Control	<b>0 258 003 870</b>	<b>0 258 986 507</b>	160,000
		Eng. 004127→	4	1.8	A/T	Control	<b>0 258 005 083</b>	<b>0 258 986 507</b>	160,000
		Eng. 007269→	4	1.8	M/T	Control	<b>0 258 005 083</b>	<b>0 258 986 507</b>	160,000
<b>W203</b>	10.00 - 08.02	M 111.951 <E 20 EVO>	4	2.0					
					EU3	Control	<b>0 258 006 181</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 268</b>	<b>0 258 986 615</b>	160,000
					EU4	Control	<b>0 258 006 324</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
<b>C180 Kompressor</b>									
<b>W203</b>	09.02 - 07.07	M 271.946 <KE 18 ML>	4	1.8					
						Control	<b>0 258 007 161</b>		250,000
		Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000				
	09.02 - 02.08	M 271.946 <KE 18 ML>	4	1.8					
					Control	<b>0 258 007 161</b>		250,000	
					Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000	
<b>C180 T-Model</b>									
<b>W202</b>	05.96 - 02.01	M 111.920 <E 18>							
		Eng. →050883	4	1.8	A/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. →117655	4	1.8	M/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. 050884→	4	1.8	A/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
		Eng. 117656→	4	1.8	M/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
<b>C200</b>									
<b>W202</b>	01.94 - 04.00	M 111.941 <E 20>							
		Eng. →014845	4	2.0	M/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. →015981	4	2.0	A/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. 014846→	4	2.0	M/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
		Eng. 015982→	4	2.0	A/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
<b>C200 Kompressor</b>									
<b>W203</b>	09.02 - 02.07	M 271.940 <KE 18 ML>	4	1.8					
						Control	<b>0 258 007 161</b>		250,000
		Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000				
	04.03 - 08.04	M 271.942 <DE 18 ML>	4	1.8					
					Control	<b>0 258 007 161</b>		250,000	
					Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000	
<b>W204</b>	03.07→	M 271.950 <KE 18 ML>	4	1.8					
						Control	<b>0 258 017 121</b>		250,000
					Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000	
<b>C200 Kompressor Sportcoupe</b>									
<b>W203</b>	09.02 - 02.08	M 271.940 <KE 18 ML>	4	1.8					
						Control	<b>0 258 007 161</b>		250,000
					Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000	
<b>C200 Kompressor T-Model</b>									
<b>W203</b>	01.01 - 08.02	M 111.955 <E 20 EVO ML>	4	2.0					
						Control	<b>0 258 006 272</b>	<b>0 258 986 615</b>	160,000
		Diagnosis	<b>0 258 006 268</b>	<b>0 258 986 615</b>	160,000				
	09.02 - 08.07	M 271.940 <KE 18 ML>	4	1.8					
					Control	<b>0 258 007 161</b>		250,000	
					Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000	
<b>C200 T-Model</b>									
<b>W202</b>	05.96 - 02.01	M 111.941 <E 20>							
		Eng. →014845	4	2.0	M/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. →015981	4	2.0	A/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. 014846→	4	2.0	M/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
		Eng. 015982→	4	2.0	A/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
<b>C220</b>									
<b>W202</b>	03.93 - 09.96	M 111.961 <E 22>							
		Eng. →017341	4	2.2	M/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. →050895	4	2.2	A/T	Control	<b>0 258 003 365</b>	<b>0 258 986 506</b>	100,000
		Eng. 017342→	4	2.2	M/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
		Eng. 050896→	4	2.2	A/T	Control	<b>0 258 003 513</b>	<b>0 258 986 506</b>	100,000
<b>C220 CDI</b>									
<b>W203</b>	03.03 - 02.07	OM 646.963 <DE 22 LA>	4	2.2					250,000
<b>W204</b>	03.07→	OM 646.811 <DE 22>	4	2.2					250,000
	09.07→	OM 646.811 <DE 22>	4	2.2					250,000
<b>C230</b>									
<b>W202</b>	09.96 - 05.97	M 111.974 <E 23>							
		Eng. →001871	4	2.3	M/T	Control	<b>0 258 003 870</b>	<b>0 258 986 507</b>	160,000
		Eng. →004991	4	2.3	A/T	Control	<b>0 258 003 870</b>	<b>0 258 986 507</b>	160,000
		Eng. 001872→	4	2.3	M/T	Control	<b>0 258 005 083</b>	<b>0 258 986 507</b>	160,000
		Eng. 004992→	4	2.3	A/T	Control	<b>0 258 005 083</b>	<b>0 258 986 507</b>	160,000



<b>W203</b>	06.05 - 07.07	M 272.920 <E 25>	6	2.5		Control	<b>0 258 017 018</b>		250,000
						Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>C230 Kompressor Sportcoupe</b>									
<b>W203</b>	02.04 - 05.05	M 271.948 <KE 18 ML>	4	1.8		Control	<b>0 258 007 161</b>		250,000
						Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000
<b>C230 Sportcoupe</b>									
<b>W203</b>	06.05 - 02.08	M 272.920 <E 25>	6	2.5		Control	<b>0 258 017 018</b>		250,000
						Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>C230 T-Model</b>									
<b>W202</b>	05.96 - 05.97	M 111.974							
		Eng. →001871	4	2.3	M/T	Control	<b>0 258 003 870</b>	<b>0 258 986 507</b>	160,000
		Eng. →004991	4	2.3	A/T	Control	<b>0 258 003 870</b>	<b>0 258 986 507</b>	160,000
		Eng. 001872→	4	2.3	M/T	Control	<b>0 258 005 083</b>	<b>0 258 986 507</b>	160,000
		Eng. 004992→	4	2.3	A/T	Control	<b>0 258 005 083</b>	<b>0 258 986 507</b>	160,000
<b>W203</b>	06.05 - 08.07	M 272.920 <E 25>	6	2.5		Control	<b>0 258 017 018</b>		250,000
						Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>C240</b>									
<b>W202</b>	06.97 - 04.00	M 112.910 <E 24>	6	2.4		LAB	Control	<b>0 258 005 088</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 094</b>	<b>0 258 986 505</b>
						RAB	Control	<b>0 258 005 090</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 092</b>	<b>0 258 986 505</b>
<b>W203</b>	05.00 - 05.05	M 112.912 <E 26>	6	2.6			Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>
						LAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>
						RAB	Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>
<b>C240 T-Model</b>									
<b>W202</b>	06.97 - 02.01	M 112.910 <E 24>	6	2.4		LAB	Control	<b>0 258 005 088</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 094</b>	<b>0 258 986 505</b>
						RAB	Control	<b>0 258 005 090</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 092</b>	<b>0 258 986 505</b>
<b>W203</b>	01.01 - 05.05	M 112.912 <E 26>	6	2.6			Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>
						LAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>
						RAB	Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>
<b>C280</b>									
<b>W202</b>	05.93 - 05.97	M 104.941					Control	<b>0 258 005 005</b>	<b>0 258 986 505</b>
		Chassis A 436536→, F 483848→	6	2.8					160,000
		Chassis →A436535, →F483847	6	2.8			Control	<b>0 258 003 427</b>	<b>0 258 986 503</b>
									160,000
	06.97 - 04.00	M 112.920 <E 28>	6	2.8		LAB	Control	<b>0 258 005 088</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 094</b>	<b>0 258 986 505</b>
						RAB	Control	<b>0 258 005 090</b>	<b>0 258 986 505</b>
							Diagnosis	<b>0 258 005 092</b>	<b>0 258 986 505</b>
<b>W204</b>	03.07→	M 272.947 <KE 30>	6	3.0			Control	<b>0 258 017 016</b>	250,000
							Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>
<b>C320</b>									
<b>W203</b>	05.00 - 05.05	M 112.946 <DE LA>	6	3.2			Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>
						LAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>
						RAB	Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>
<b>C320 Sportcoupe</b>									
<b>W203</b>	09.02 - 05.05	M 112.946 <E 32>	6	3.2			Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>
						LAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>
						RAB	Control	<b>0 258 006 167</b>	<b>0 258 986 615</b>
<b>C350</b>									
<b>W203</b>	06.05 - 02.07	M 272.960 <E 35>	6	3.5		LAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>
							Diagnosis	<b>0 258 006 471</b>	<b>0 258 986 615</b>
						RAB	Control	<b>0 258 006 359</b>	<b>0 258 986 615</b>
							Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>
<b>E36 AMG</b>									
<b>W124</b>	03.94 - 06.98	M 104.992	6	3.6			Control	<b>0 258 003 314</b>	<b>0 258 986 503</b>
									100,000





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E55 AMG										
W210	09.97 - 03.03	M 113.980 <E55>	8	5.5	EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505	160,000	
					RAR	Control	0 258 003 640	0 258 986 505	160,000	
	09.97 - 06.00					Diagnosis	0 258 003 782	0 258 986 505	160,000	
						EU2,LAL	Control	0 258 003 862	0 258 986 505	160,000
	07.00 - 03.03					LAR,RAL	Control	0 258 003 798	0 258 986 505	160,000
						Diagnosis	0 258 006 276	0 258 986 615	160,000	
						EU2,LAL	Control	0 258 006 274	0 258 986 615	160,000
						LAR,RAL	Control	0 258 006 353	0 258 986 615	160,000
W211	10.02 - 05.06	M 113.990 <E 55 ML AMG>	8	5.4	Control	0 258 006 272	0 258 986 615	160,000		
					Diagnosis	0 258 006 328	0 258 986 615	160,000		
E63 AMG										
W211	06.06→	M 156.983 <E 63 AMG>	8	6.2	Control	0 258 017 018		250,000		
					Diagnosis	0 258 006 747	0 258 986 602	250,000		
E63 AMG T-Model										
W211	06.06→	M 156.983 <E 63 AMG>	8	6.2	Control	0 258 017 018		250,000		
					Diagnosis	0 258 006 747	0 258 986 602	250,000		
E200 Kompressor										
W210	09.00 - 03.02	M 111.957 <E20 EVO ML>	4	2.0	Control	0 258 006 348	0 258 986 615	160,000		
					Diagnosis	0 258 006 167	0 258 986 615	160,000		
W211	03.02 - 03.06	M 271.941 <KE 18 ML>	4	1.8	Control	0 258 007 161		250,000		
					Diagnosis	0 258 006 456	0 258 986 602	250,000		
	04.06→	M 271.956 <KE 18 ML>	4	1.8	Diagnosis	0 258 006 456	0 258 986 602	250,000		
					Chassis A 171225→	4	1.8	Control	0 258 007 338	250,000
					Chassis →A 171224	4	1.8	Control	0 258 007 161	250,000
E220										
W124	07.93 - 06.95	M 111.960	4	2.2	Control		0 258 986 501	80,000		
	07.93 - 06.97	M 111.960	4	2.2	Control	0 258 003 320	0 258 986 506	100,000		
	07.93 - 06.98	M 111.960	4	2.2	Control	0 258 003 320	0 258 986 506	100,000		
E220 T-Model										
W124	07.93 - 05.96	M 111.960	4	2.2	Control	0 258 003 320	0 258 986 506	100,000		
E230										
W210	06.95 - 08.97	M 111.970 <E23>	4	2.3	Control	0 258 003 571	0 258 986 506	160,000		
E230 T-Model										
W210	05.96 - 08.97	M 111.970 <E23>	4	2.3	Control	0 258 003 571	0 258 986 506	160,000		
E240										
W210	09.97 - 06.99	M 112.911 <E24>	6	2.4	Diagnosis	0 258 003 782	0 258 986 505	160,000		
					EU2,LAL	Control	0 258 003 862	0 258 986 505	160,000	
					EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505	160,000	
					LAR,RAL	Control	0 258 003 798	0 258 986 505	160,000	
					RAR	Control	0 258 003 640	0 258 986 505	160,000	
W211	03.02 - 03.05	M 112.913 <E 26>	6	2.6	Control	0 258 006 272	0 258 986 615	160,000		
					Diagnosis	0 258 006 328	0 258 986 615	160,000		
E240 T-Model										
W210	09.97 - 06.99	M 112.911 <E24>	6	2.4	Diagnosis	0 258 003 782	0 258 986 505	160,000		
					EU2,LAL	Control	0 258 003 862	0 258 986 505	160,000	
					EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505	160,000	
					LAR,RAL	Control	0 258 003 798	0 258 986 505	160,000	
					RAR	Control	0 258 003 640	0 258 986 505	160,000	
	06.99 - 01.03	M 112.914 <E26>	6	2.6	EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505	160,000	
					RAR	Control	0 258 003 640	0 258 986 505	160,000	
					Diagnosis	0 258 003 782	0 258 986 505	160,000		
					EU2,LAL	Control	0 258 003 862	0 258 986 505	160,000	
					LAR,RAL	Control	0 258 003 798	0 258 986 505	160,000	
07.00 - 01.03					Diagnosis	0 258 006 276	0 258 986 615	160,000		
					EU2,LAL	Control	0 258 006 274	0 258 986 615	160,000	
					LAR,RAL	Control	0 258 006 353	0 258 986 615	160,000	
W211	02.03 - 03.05	M 112.913 <E 26>	6	2.6	Control	0 258 006 272	0 258 986 615	160,000		
					Diagnosis	0 258 006 328	0 258 986 615	160,000		





E280									
W124	07.93 - 06.95	M 104.942	6	2.8		Control	0 258 003 925	0 258 986 502	100,000
W210	06.95 - 01.03	M 112.921 <E28>	6	2.8		EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505
						RAR	Control	0 258 003 640	0 258 986 505
				06.95 - 06.00			Diagnosis	0 258 003 782	0 258 986 505
						EU2,LAL	Control	0 258 003 862	0 258 986 505
						LAR,RAL	Control	0 258 003 798	0 258 986 505
				07.00 - 01.03			Diagnosis	0 258 006 276	0 258 986 615
						EU2,LAL	Control	0 258 006 274	0 258 986 615
						LAR,RAL	Control	0 258 006 353	0 258 986 615
W211	04.05→	M 272.943 <E 30>	6	3.0		Control	0 258 017 016		250,000
		Chassis F 786704→	6	3.0		Diagnosis	0 258 006 749	0 258 986 602	250,000
		Chassis →F 786703	6	3.0		Diagnosis	0 258 006 749		250,000
E280 T-Model									
W124	07.93 - 05.96	M 104.942	6	2.8		Control	0 258 003 314	0 258 986 503	100,000
W211	04.05→	M 272.943 <E 30>	6	3.0		Control	0 258 017 016		250,000
		Chassis F 786704→	6	3.0		Diagnosis	0 258 006 749	0 258 986 602	250,000
		Chassis →F 786703	6	3.0		Diagnosis	0 258 006 749		250,000
E320									
W124	05.93 - 06.98	M 104.992	6	3.2		Control	0 258 003 314	0 258 986 503	100,000
	07.93 - 06.95	M 104.992	6	3.2		Control	0 258 003 314	0 258 986 503	100,000
	07.93 - 06.98	M 104.992	6	3.2		Control	0 258 003 314	0 258 986 503	100,000
W210	06.95 - 02.97	M 104.995	6	3.2		Control	0 258 003 597	0 258 986 503	160,000
	03.97 - 06.99	M 112.941 <E32>	6	3.2		Diagnosis	0 258 003 782	0 258 986 505	160,000
						EU2,LAL	Control	0 258 003 862	0 258 986 505
						EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505
						LAR,RAL	Control	0 258 003 798	0 258 986 505
						RAR	Control	0 258 003 640	0 258 986 505
W211	03.02 - 03.05	M 112.949 <E 32>	6	3.2		Control	0 258 006 272	0 258 986 615	160,000
						Diagnosis	0 258 006 328	0 258 986 615	160,000
E320 T-Model									
W211	02.03 - 03.05	M 112.949 <E 32>	6	3.2		Control	0 258 006 272	0 258 986 615	160,000
						Diagnosis	0 258 006 328	0 258 986 615	160,000
E350									
W211	04.05→	M 272.964 <E 35>	6	3.5		Control	0 258 017 016		250,000
		Chassis F 786704→	6	3.5		Diagnosis	0 258 006 749	0 258 986 602	250,000
		Chassis →F 786703	6	3.5		Diagnosis	0 258 006 749		250,000
E350 T-Model									
W211	04.05→	M 272.964 <E 35>	6	3.5		Control	0 258 017 016		250,000
		Chassis F 786704→	6	3.5		Diagnosis	0 258 006 749	0 258 986 602	250,000
		Chassis →F 786703	6	3.5		Diagnosis	0 258 006 749		250,000
E430									
W210	09.97 - 06.99	M 113.940 <E43>	8	4.3		Diagnosis	0 258 003 782	0 258 986 505	160,000
						EU2,LAL	Control	0 258 003 862	0 258 986 505
						EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505
						LAR,RAL	Control	0 258 003 798	0 258 986 505
						RAR	Control	0 258 003 640	0 258 986 505
	07.99 - 03.02	M 113.940 <E43>	8	4.3		EU3,LAL, MD4	Control	0 258 003 642	0 258 986 505
						RAR	Control	0 258 003 640	0 258 986 505
				07.99 - 06.00			Diagnosis	0 258 003 782	0 258 986 505
						EU2,LAL	Control	0 258 003 862	0 258 986 505
						LAR,RAL	Control	0 258 003 798	0 258 986 505
				07.00 - 03.02			Diagnosis	0 258 006 276	0 258 986 615
						EU2,LAL	Control	0 258 006 274	0 258 986 615
						LAR,RAL	Control	0 258 006 353	0 258 986 615
E500									
W124	07.93 - 06.95	M 119.974	8	5.0		Control	0 258 003 326	0 258 986 503	160,000
W211	03.02 - 03.06	M 113.967 <E 50>	8	5.0		Control	0 258 006 272	0 258 986 615	160,000
						Diagnosis	0 258 006 328	0 258 986 615	160,000





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<b>W211</b>	04.06→	M 273.960 <E 55>	8	5.5		Control	<b>0 258 017 018</b>		250,000	
<b>E500 T-Model</b>										
<b>W211</b>	04.06→	M 273.960 <E 55>	8	5.5		Control	<b>0 258 017 018</b>		250,000	
<b>GL320 CDI</b>										
<b>W164</b>	02.06→	OM 642.940 <D 30>	6	3.0		Control	<b>0 258 017 016</b>		250,000	
<b>GL500</b>										
<b>W164</b>	02.06→	M 273.963 <E 55>	8	5.5		Control	<b>0 258 017 016</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000
						RAB	Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>G320</b>										
<b>W463</b>	12.97→	M 112.945 <E 32>	6	3.2		Control	<b>0 258 003 798</b>	<b>0 258 986 505</b>	160,000	
<b>ML55 AMG</b>										
<b>W163</b>	03.00 - 06.05	M 113.981 <E 55>	8	5.4		Control	<b>0 258 003 782</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 005 202</b>	<b>0 258 986 505</b>	160,000	
<b>ML63 AMG</b>										
<b>W164</b>	02.06→	M 156.980 <E 63>	8	6.2		Control	<b>0 258 017 016</b>		250,000	
						Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000	
<b>ML280 CDI</b>										
<b>W164</b>	07.05→	OM 642.940 <D 30>	6	3.0		Control	<b>0 258 017 016</b>		250,000	
<b>ML320</b>										
<b>W163</b>	03.98 - 07.02	M 112.942 <E 32>	6	3.2	03.98 - 09.00	Control	<b>0 258 003 782</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 005 202</b>	<b>0 258 986 505</b>	160,000	
					10.00 - 07.02	Control	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
<b>ML320 CDI</b>										
<b>W164</b>	07.05→	OM 642.940 <D 30>	6	3.0		Control	<b>0 258 017 016</b>		250,000	
<b>ML350</b>										
<b>W163</b>	08.02 - 01.03	M 112.970 <E 37>	6	3.7		Control	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
<b>W164</b>	07.05→	M 272.967 <E 35>	6	3.5		Control	<b>0 258 017 016</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000
						RAB	Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>ML430</b>										
<b>W163</b>	06.98 - 07.02	M 113.942 <E 43>	8	4.3	06.98 - 09.00	Control	<b>0 258 003 782</b>	<b>0 258 986 505</b>	160,000	
						Diagnosis	<b>0 258 005 202</b>	<b>0 258 986 505</b>	160,000	
					10.00 - 07.02	Control	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
<b>ML500</b>										
<b>W163</b>	09.01 - 06.05	M 113.965 <E 50>	8	5.0		Control	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 123</b>	<b>0 258 986 615</b>	160,000	
<b>W164</b>	07.05 - 08.07	M 113.964 <E 50>	8	5.0		LAB	Control	<b>0 258 006 179</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 328</b>	<b>0 258 986 615</b>	160,000
						RAB	Control	<b>0 258 006 268</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 183</b>	<b>0 258 986 615</b>	160,000
<b>R350</b>										
<b>W251</b>	05.07→	M 272.967 <E 35>	6	3.5		Control	<b>0 258 017 016</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000
						RAB	Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>R500 4MATIC</b>										
<b>W251</b>	05.07→	M 273.963 <E 55>	8	5.0		Control	<b>0 258 017 016</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000
						RAB	Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000
<b>SL 350</b>										
<b>W230</b>	01.08→	M 272.968 <E 35>	6	3.5		Control	<b>0 258 017 016</b>		250,000	
						Diagnosis	<b>0 258 006 749</b>	<b>0 258 986 602</b>	250,000	
<b>SLK 200 KOMPRESSOR</b>										
<b>W171</b>	12.07→	M 271.954 <KE 18 ML>	4	1.8		Diagnosis	<b>0 258 006 475</b>	<b>0 258 986 602</b>	250,000	
		Chassis F 028442→	4	1.8		Control	<b>0 258 007 290</b>		250,000	
		Chassis →F 028441	4	1.8		Control	<b>0 258 007 149</b>		250,000	







SLK 350												
W171	12.07→	M 272.969 <E 35>	6	3.5	LAB	Control	0 258 017 016		250,000			
					RAB	Control	0 258 017 018		250,000			
						Diagnosis	0 258 006 749	0 258 986 602	250,000			
						Diagnosis	0 258 006 749		250,000			
SLK32 AMG												
W170	06.99 - 03.04	M 112.960 <E32 ML>	6	3.2	A/T	Diagnosis	0 258 006 276	0 258 986 615	160,000			
					LAB	Control	0 258 006 125	0 258 986 615	160,000			
					M/T	Diagnosis	0 258 006 123	0 258 986 615	160,000			
					RAB	Control	0 258 006 181	0 258 986 615	160,000			
SLK55 AMG												
W171	04.04→	M 113.989 <E 55>	8	5.4		Diagnosis	0 258 006 420	0 258 986 615	160,000			
					LAB	Control	0 258 006 318	0 258 986 615	160,000			
					RAB	Control	0 258 006 268	0 258 986 615	160,000			
SLK200												
W170	09.96 - 01.00	M 111.946 <E20>										
					Eng. →006646	4	2.0	A/T	Control	0 258 003 855	0 258 986 507	160,000
					Eng. →013735	4	2.0	M/T	Control	0 258 003 855	0 258 986 507	160,000
					Eng. 006647→	4	2.0	A/T	Control	0 258 005 163		160,000
		Eng. 013736→	4	2.0	M/T	Control	0 258 005 163		160,000			
SLK200 Kompressor												
W170	09.96 - 01.00	M 111.943 <E20 ML>										
					Eng. →006277	4	2.0		Control	0 258 003 855	0 258 986 507	160,000
					Eng. 006278→	4	2.0		Control	0 258 005 163		160,000
								Control	0 258 006 276	0 258 986 615	160,000	
	02.00 - 03.04	M 111.958 <E20 EVO ML>	4	2.0		Diagnosis	0 258 006 125	0 258 986 615	160,000			
W171	04.04 - 11.07	M 271.944 <KE 18 ML>	4	1.8		Diagnosis	0 258 006 475	0 258 986 602	250,000			
					Chassis F 028442→	4	1.8		Control	0 258 007 290		250,000
					Chassis →F 028441	4	1.8		Control	0 258 007 149		250,000
SLK230 Kompressor												
W170	09.96 - 01.00	M 111.973 <E23 ML>										
					Eng. →013520	4	2.3	M/T	Control	0 258 003 855	0 258 986 507	160,000
					Eng. →041031	4	2.3	A/T	Control	0 258 003 855	0 258 986 507	160,000
					Eng. 013521→	4	2.3	M/T	Control	0 258 005 163		160,000
					Eng. 041032→	4	2.3	A/T	Control	0 258 005 163		160,000
						02.00 - 03.04	M 111.983 <E23 EVO ML>	4	2.3		Control	0 258 006 276
						Diagnosis	0 258 006 125	0 258 986 615	160,000			
SLK280												
W171	05.05→	M 272.942 <E 30>	6	3.0		Diagnosis	0 258 006 749	0 258 986 602	250,000			
					LAB	Control	0 258 017 016		250,000			
					RAB	Control	0 258 017 018		250,000			
SLK320												
W170	06.99 - 03.04	M 112.947 <E32>	6	3.2	A/T	Diagnosis	0 258 006 276	0 258 986 615	160,000			
					LAB	Control	0 258 006 125	0 258 986 615	160,000			
					M/T	Diagnosis	0 258 006 123	0 258 986 615	160,000			
					RAB	Control	0 258 006 181	0 258 986 615	160,000			
SLK350												
W171	04.04 - 11.07	M 272.963 <E 35>	6	3.5	LAB	Control	0 258 017 016		250,000			
					RAB	Control	0 258 017 018		250,000			
					Chassis F 017564→	6	3.5		Diagnosis	0 258 006 749	0 258 986 602	250,000
					Chassis →F 017563	6	3.5		Diagnosis	0 258 006 749		250,000
SL55 AMG												
W230	10.01 - 12.05	M 113.992 <E 55>	8	5.4		Control	0 258 006 167	0 258 986 615	160,000			
						Diagnosis	0 258 006 328	0 258 986 615	160,000			
	01.06→	M 113.995 <E 55>	8	5.4		Control	0 258 006 167	0 258 986 615	160,000			
						Diagnosis	0 258 006 328	0 258 986 615	160,000			
SL65 AMG												
W230	09.04→	M 275.981 <E 60>	12	6.0		Control	0 258 006 473	0 258 986 602	250,000			
						Diagnosis	0 258 006 473	0 258 986 602	250,000			





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SL280															
W129	07.93 - 05.98	M 104.943													
		Chassis F 125158→	6	2.8		Control	0 258 003 792	0 258 986 503	100,000						
		F 127941													
		Chassis F 127942→	6	2.8		Control	0 258 003 786	0 258 986 503	100,000						
		F 140421													
		Chassis F 140422→	6	2.8		Control	0 258 003 864	0 258 986 505	160,000						
		Chassis →F 125157	6	2.8		Control	0 258 003 429	0 258 986 503	160,000						
	06.98 - 08.01	M 112.923	6	2.8		MD4	Control	0 258 003 862	0 258 986 505	160,000					
SL320															
W129	06.98 - 08.01	M 112.943	6	3.2			Diagnosis	0 258 003 433	0 258 986 503	160,000					
SL350															
W230	03.03 - 12.05	M 112.973 <E 37>	6	3.7			Control	0 258 006 274	0 258 986 615	160,000					
							Diagnosis	0 258 006 420	0 258 986 615	160,000					
	01.06 - 12.07	M 272.966 <E 35>	6	3.5			Control	0 258 017 016		250,000					
							Diagnosis	0 258 006 749	0 258 986 602	250,000					
SL500															
W129	07.93 - 09.95	M 119.972	8	5.0			Control	0 258 003 326	0 258 986 503	160,000					
W230	10.01 - 12.05	M 113.963 <E 50>	8	5.0			Control	0 258 006 167	0 258 986 615	160,000					
							Diagnosis	0 258 006 328	0 258 986 615	160,000					
							Control	0 258 017 016		250,000					
	01.06→	M 273.965 <E 55>	8	5.5			Diagnosis	0 258 006 749	0 258 986 602	250,000					
SL600															
W129	07.93 - 09.95	M 120.981	12	6.0			Control	0 258 003 429	0 258 986 503	160,000					
		M 120.983	12	6.0			Control	0 258 003 638	0 258 986 505	160,000					
W230	03.03 - 12.05	M 275.951 <E 55>	12	5.5			Control	0 258 006 473	0 258 986 602	250,000					
							Diagnosis	0 258 006 473	0 258 986 602	250,000					
							Control	0 258 006 473	0 258 986 602	250,000					
							Diagnosis	0 258 006 473	0 258 986 602	250,000					
	01.06→	M 275.954 <E 55>	12	5.5			Control	0 258 006 473	0 258 986 602	250,000					
							Diagnosis	0 258 006 473	0 258 986 602	250,000					
S55 AMG															
W220	09.02 - 08.05	113.991 <E55 AMG>	8	5.4			Control	0 258 006 274	0 258 986 615	160,000					
							Diagnosis	0 258 006 276	0 258 986 615	160,000					
S63 AMG															
W221	12.06→	M 156.984 <E 63>	8	6.2			Control	0 258 017 018		250,000					
							Diagnosis	0 258 006 747	0 258 986 602	250,000					
S65 AMG															
W220	02.04 - 08.05	M 275.980 <E60>	12	6.0			Control	0 258 006 473	0 258 986 602	250,000					
							Diagnosis	0 258 006 438	0 258 986 602	250,000					
W221	07.06→	M 275.982 <E 60>	12	6.0			Control	0 258 006 473	0 258 986 602	250,000					
							Diagnosis	0 258 006 473	0 258 986 602	250,000					
S280															
W140	06.93 - 09.98	M 104.944													
		Chassis A328811→	6	2.8		Control	0 258 003 864	0 258 986 505	160,000						
		Chassis →A328810	6	2.8		Control	0 258 003 786	0 258 986 503	100,000						
S320															
W220	10.98 - 08.02	M 112.944 <E32>	6	3.2											
							Chassis A 138351→				Control	0 258 006 274	0 258 986 615	160,000	
											OD4	Diagnosis	0 258 006 276	0 258 986 615	160,000
							Chassis →A 138350	6	3.2		MD4	Diagnosis	0 258 003 782	0 258 986 505	160,000
							Chassis →A138350	6	3.2		Control	0 258 003 642	0 258 986 505	160,000	
S320 CDI															
W221	12.05→	OM 642.930 <D 30>	6	3.0			Control	0 258 017 016		250,000					
S350															
W220	09.02 - 08.05	M 112.972 <E37>	6	3.7			Control	0 258 006 274	0 258 986 615	160,000					
							Diagnosis	0 258 006 276	0 258 986 615	160,000					
W221	09.05→	M 272.965 <E 35>	6	3.5			Control	0 258 017 016		250,000					
							Diagnosis	0 258 006 747	0 258 986 602	250,000					
S420															
W140	06.93 - 09.98	M 119.971;981													
		Chassis A100181→	8	4.2		Control	0 258 003 326	0 258 986 503	160,000						
		Chassis →A100180	8	4.2		Control	0 258 003 429	0 258 986 503	160,000						





S430												
<b>W220</b>	10.98 - 08.05	M 113.941 <E43> Chassis A 138351→	8	4.3			Control	<b>0 258 006 274</b>	<b>0 258 986 615</b>	160,000		
							OD4	Diagnosis	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000	
							MD4	Diagnosis	<b>0 258 003 782</b>	<b>0 258 986 505</b>	160,000	
								Control	<b>0 258 003 642</b>	<b>0 258 986 505</b>	160,000	
S500												
<b>W220</b>	06.00 - 08.05	M 113.960 <E50> Chassis A 138351→	8	5.0			Control	<b>0 258 006 274</b>	<b>0 258 986 615</b>	160,000		
							OD4	Diagnosis	<b>0 258 006 276</b>	<b>0 258 986 615</b>	160,000	
							MD4	Diagnosis	<b>0 258 003 782</b>	<b>0 258 986 505</b>	160,000	
								Control	<b>0 258 003 642</b>	<b>0 258 986 505</b>	160,000	
<b>W221</b>	09.05→	M 273.961 <E 55>	8	5.5			Control	<b>0 258 017 016</b>		250,000		
								Diagnosis	<b>0 258 006 747</b>	<b>0 258 986 602</b>	250,000	
S600												
<b>W140</b>	06.93 - 05.96	M 120.980;982	12	6.0			Control	<b>0 258 003 638</b>	<b>0 258 986 505</b>	160,000		
<b>W220</b>	09.02 - 08.05	M 275.950 <E55>	12	5.5			Control	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000		
								Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000	
<b>W221</b>	12.05→	M 275.953 <E 55>	12	5.5			Control	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000		
								Diagnosis	<b>0 258 006 473</b>	<b>0 258 986 602</b>	250,000	
Viano												
<b>W639 TON</b>	06.04 - 08.07	M 112.976 <M 112.E37 (MG0)>	6	3.7			Control	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000		
								Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000	
Vito												
<b>W638 TON</b>	11.95 - 09.03	M 111.950 <E20>	4	2.0			Control	<b>0 258 003 640</b>	<b>0 258 986 505</b>	160,000		
<b>W639 TON</b>	10.03→	M 112.951 <M 112.E32>	6	3.2			Control	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000		
								Diagnosis	<b>0 258 006 438</b>	<b>0 258 986 602</b>	250,000	
180E												
<b>W201</b>	09.91 - 04.94	M 102.910 Chassis A 582958→ Chassis →A 528957	4	1.8			Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000		
								Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
190E												
<b>W201</b>	09.85 - 08.86	M 102.962 Eng. →122335 Eng. →236838 Eng. 122336→ Eng. 236839→	4	2.0			A/T	Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000	
	09.86 - 08.89	M 103.942		6	2.6			Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
									Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
	09.86 - 08.93	M 102.985 Eng. →033729 Eng. →080064 Eng. 033730→ Eng. 080065→		4	2.3			M/T	Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
	09.86 - 09.93	M 102.962 Eng. →122335 Eng. →236838 Eng. 122336→ Eng. 236839→		4	2.0			A/T	Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
									Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
09.89 - 08.92	M 102.985 Eng. →033729 Eng. →080064 Eng. 033730→ Eng. 080065→		4	2.3			M/T	Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000	
03.90 - 08.93	M 102.910 Chassis A 582958→ Chassis →A 528957		4	1.8			Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000		
								Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
								Control	<b>0 258 003 134</b>	<b>0 258 986 502</b>	100,000	
215 CDI Sprinter												
<b>WNCV3</b>	04.06→	OM 646.9... DE 22 LA <Euro 4>	4	2.1		VKA	Control	<b>0 258 017 016</b>		250,000		
220E												
<b>W124</b>	09.92 - 06.93	M 111.960	4	2.2			Control	<b>0 258 003 320</b>	<b>0 258 986 506</b>	100,000		
230E												
<b>W123</b>	04.80 - 12.85	M 102.980	4	2.3		w/ cat	Control		<b>0 258 986 501</b>	80,000		





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<b>W124</b>	12.84 - 06.93	M 102.982	4	2.3		Control	<b>0 258 003 130</b>	<b>0 258 986 502</b>	100,000
						Optional	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
<b>230TE</b>									
<b>W123</b>	04.80 - 12.85	M 102.980	4	2.3	w/ cat	Control		<b>0 258 986 501</b>	80,000
<b>W124</b>	09.85 - 08.93	M 102.982	4	2.3		Control	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
<b>260E</b>									
<b>W124</b>	09.85 - 10.92	M 103.940	6	2.6		Control	<b>0 258 003 130</b>	<b>0 258 986 502</b>	100,000
						Optional	<b>0 258 003 156</b>	<b>0 258 986 502</b>	100,000
<b>300CE</b>									
<b>W124</b>	03.87 - 06.93	M 103.983	6	3.0		Control	<b>0 258 003 130</b>	<b>0 258 986 502</b>	100,000
	09.89 - 12.92	M 104.980	6	3.0		Control	<b>0 258 003 146</b>	<b>0 258 986 504</b>	100,000
<b>300E</b>									
<b>W124</b>	01.85 - 08.93	M 103.980;983	6	3.0		Control	<b>0 258 003 925</b>	<b>0 258 986 502</b>	100,000
	09.89 - 06.93	M 104.942	6	2.8		Control	<b>0 258 003 925</b>	<b>0 258 986 502</b>	100,000
<b>300SE</b>									
<b>W126</b>	09.85 - 06.91	M 103.981	6	3.0		Control	<b>0 258 003 130</b>	<b>0 258 986 502</b>	100,000
	09.89 - 06.91	M 103.981	6	3.0		Control	<b>0 258 003 130</b>	<b>0 258 986 502</b>	100,000
<b>W140</b>	03.91 - 05.93	M 104.990							
		Chassis A328811→	6	3.2		Control	<b>0 258 003 864</b>	<b>0 258 986 505</b>	160,000
		Chassis →A328810	6	3.2		Control	<b>0 258 003 786</b>	<b>0 258 986 503</b>	100,000
<b>300TE</b>									
<b>W124</b>	01.86 - 08.92	M 103.983	6	3.0		Control	<b>0 258 003 925</b>	<b>0 258 986 502</b>	100,000
<b>309 CDI Sprinter</b>									
<b>WNCV3</b>	04.06→	OM 646.984 DE 22 LA <Euro 4>	4	2.1	VKA	Control	<b>0 258 017 016</b>		250,000
<b>311 CDI Sprinter</b>									
<b>WNCV3</b>	04.06→	OM 646.985 DE 22 LA <Euro 4>	4	2.1	VKA	Control	<b>0 258 017 016</b>		250,000
<b>315 CDI Sprinter</b>									
<b>WNCV3</b>	04.06→	OM 646.9... DE 22 LA <Euro 4>	4	2.1	VKA	Control	<b>0 258 017 016</b>		250,000
<b>320CE</b>									
<b>W124</b>	09.92 - 06.93	M 104.992	6	3.2		Control	<b>0 258 003 314</b>	<b>0 258 986 503</b>	100,000
<b>320E</b>									
<b>W124</b>	09.92 - 06.93	M 104.992	6	3.2		Control	<b>0 258 003 314</b>	<b>0 258 986 503</b>	100,000
<b>400SE</b>									
<b>W140</b>	02.91 - 05.93	M 119.971;981							
		Chassis A100181→	8	4.2		Control	<b>0 258 003 326</b>	<b>0 258 986 503</b>	160,000
		Chassis →A100180	8	4.2		Control	<b>0 258 003 429</b>	<b>0 258 986 503</b>	160,000
<b>415 CDI Sprinter</b>									
<b>WNCV3</b>	04.06→	OM 646.9... DE 22 LA <Euro 4>	4	2.1	VKA	Control	<b>0 258 017 016</b>		250,000
<b>420SEL</b>									
<b>W126</b>	09.85 - 06.91	M 116.965	8	4.2		Control	<b>0 258 003 926</b>	<b>0 258 986 502</b>	100,000
<b>500SE</b>									
<b>W140</b>	02.91 - 05.93	M 119.970;980							
		Chassis A100181→	8	5.0		Control	<b>0 258 003 326</b>	<b>0 258 986 503</b>	160,000
		Chassis →A100180	8	5.0		Control	<b>0 258 003 429</b>	<b>0 258 986 503</b>	160,000
<b>500SEC</b>									
<b>W140</b>	10.92 - 05.93	M 119.970;980							
		Chassis A100181→	8	5.0		Control	<b>0 258 003 326</b>	<b>0 258 986 503</b>	160,000
		Chassis →A100180	8	5.0		Control	<b>0 258 003 429</b>	<b>0 258 986 503</b>	160,000
<b>500SL</b>									
<b>W129</b>	09.89 - 08.92	M 119.960	8	5.0		Control	<b>0 258 003 160</b>	<b>0 258 986 502</b>	100,000
<b>515 CDI Sprinter</b>									
<b>WNCV3</b>	04.06→	OM 646.9... DE 22 LA <Euro 4>	4	2.1	VKA	Control	<b>0 258 017 016</b>		250,000
<b>560SEC</b>									
<b>W126</b>	10.85 - 06.91	M 117.968	8	5.6		Control	<b>0 258 003 926</b>	<b>0 258 986 502</b>	100,000
<b>560SEL</b>									
<b>W126</b>	10.85 - 06.91	M 117.968 <KAT>	8	5.6		Control	<b>0 258 003 926</b>	<b>0 258 986 502</b>	100,000
<b>560SL</b>									
<b>W107</b>	09.85 - 08.89	M 117.967	8	5.6		Control	<b>0 258 003 930</b>	<b>0 258 986 502</b>	100,000



<b>600SL</b>								
<b>W129</b>	07.92 - 06.93	M 120.981;983	12	6.0	Control	<b>0 258 003 429</b>	<b>0 258 986 503</b>	160,000

**MG**

<b>MGF</b>								
	10.95 - 03.02	18K4F <K-Serie>						
		Chassis YD 522573→	4	1.8	Control	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
		Chassis →YD 522572	4	1.8	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000
		18K4K <MPI VVC K- Serie>						
		Chassis YD 522573→	4	1.8	Control	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
		Chassis →YD 522572	4	1.8	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000

<b>MGTF</b>								
	03.02 - 05.05	18 K4F K-Serie <DOHC>	4	1.8	Diagnosis	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
		Chassis YD 522573→	4	1.8	Control	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
		Chassis →YD 522572	4	1.8	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000
		18 K4F K-Serie- VVC- <DOHC>	4	1.8	Diagnosis	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
		Chassis YD 522573→	4	1.8	Control	<b>0 258 006 127</b>	<b>0 258 986 615</b>	160,000
		Chassis →YD 522572	4	1.8	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000

<b>ZR</b>								
	10.01 - 05.05	18 K4K -K-Serie-VVC						
		Chassis YD 471565→	4	1.8	Control	<b>0 258 006 289</b>	<b>0 258 986 615</b>	160,000
		Chassis →YD 471564	4	1.8	Control	<b>0 258 003 229</b>	<b>0 258 986 506</b>	100,000

<b>ZS</b>								
	10.01 - 05.05	25 K4F <K-Serie 2.5KV6>	6	2.5	Control		<b>0 258 986 507</b>	160,000

<b>ZT</b>								
	10.01 - 05.05	25 K4F <K-Serie>	6	2.5	Control		<b>0 258 986 507</b>	160,000

**MINI (BMW)**

<b>Cooper</b>								
<b>R 56</b>	11.06→	N12 B16...	4	1.6	Control	<b>0 258 017 113</b>		250,000
<b>Cooper Cabrio</b>								
<b>R 52</b>	07.04→	W10 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000
<b>Cooper Clubman</b>								
<b>R 55</b>	11.07→	N12 B16...	4	1.6	Control	<b>0 258 017 113</b>		250,000
<b>Cooper S</b>								
<b>R 56</b>	11.06→	N14 B16A	4	1.6	Control	<b>0 258 017 112</b>		250,000
<b>Cooper S Cabrio</b>								
<b>R 52</b>	08.04→	W11 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000
<b>John Cooper Works</b>								
<b>R 53</b>	08.04 - 11.06	W11 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000
<b>R 56</b>	07.08→	N14 B16C	4	1.6	Control	<b>0 258 017 112</b>		250,000
<b>John Cooper Works Cabrio</b>								
<b>R 52</b>	08.04→	W11 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000
<b>John Cooper Works Clubman</b>								
<b>R 55</b>	07.08→	N14 B16C	4	1.6	Control	<b>0 258 017 112</b>		250,000
<b>New Mini Cooper</b>								
<b>R 50</b>	06.01 - 11.06	W10 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000
<b>New Mini Cooper S</b>								
<b>R 53</b>	03.02 - 07.04	W11 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000
	08.04 - 11.06	W11 B16A	4	1.6	Control		<b>0 258 986 507</b>	160,000





**MITSUBISHI**

Challenger									
PA	02.98→	6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
Colt									
CZ	04.04→	4A91	4	1.5		Control	<b>0 258 006 566</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 568</b>	<b>0 258 986 602</b>	250,000
CJ	10.04 - 05.06	4G15	4	1.5		Control	<b>0 258 006 718</b>	<b>0 258 986 602</b>	250,000
	10.04→	4A91	4	1.5		Control	<b>0 258 006 732</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 769</b>	<b>0 258 986 602</b>	250,000
CZ	01.05→	4G15T	4	1.5		Control	<b>0 258 006 718</b>	<b>0 258 986 602</b>	250,000
						Diagnosis	<b>0 258 006 566</b>	<b>0 258 986 602</b>	250,000
Cordia Turbo									
AC	01.86 - 12.89	4G62	4	1.8		Control		<b>0 258 986 501</b>	80,000
							<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
Express									
SF	01.86 - 12.90	4G64	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
SG	01.90 - 12.91	4G64	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
Galant									
H	01.89 - 12.90	4G63 SOHC	4	2.0		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
	01.89 - 12.93	4G63 DOHC	4	2.0		Control	<b>F 00H L00 050</b>		160,000
	01.90 - 12.93	4G63 SOHC	4	2.0		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
E5/E6/E7/E8	11.92 - 05.96	4G63 Kat.	4	2.0		Control		<b>0 258 986 507</b>	160,000
		6A12 Kat.	6	2.0		Control		<b>0 258 986 602</b>	160,000
HJ	11.92 - 05.96	4G63 SOHC Kat.	4	2.0		Control		<b>0 258 986 507</b>	160,000
Grandis									
	01.04→	4G69 MIVEC	4	2.4	172	Control		<b>0 258 986 507</b>	160,000
					374	Control		<b>0 258 986 507</b>	160,000
Lancer									
C6/C7	04.88 - 05.90	4G61	4	1.6		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
CA	01.89 - 09.90	4G15	4	1.5		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
CB	10.90 - 09.92	4G15 SOHC	4	1.5		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
		4G61 DOHC	4	1.6		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
CA/CB/CD	05.92 - 12.96	4G93 Kat.	4	1.8		Control		<b>0 258 986 507</b>	160,000
C6/C7	06.92 - 07.95	4G92 Kat.	4	1.6		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
CA/CB/CD	07.93 - 12.97	4G15 <MPI>	4	1.5		Control		<b>F 00H L00 091</b>	160,000
	12.93 - 12.96	4G92 MVV	4	1.6		Control		<b>0 258 986 507</b>	160,000
	01.98 - 02.03	4G15	4	1.5		Control		<b>F 00H L00 091</b>	160,000
CS/CT	12.00 - 12.03	4G63	4	2.0		Diagnosis		<b>0 258 986 602</b>	160,000
	01.04 - 07.05	4G63	4	2.0		Control		<b>0 258 986 507</b>	160,000
Lancer GSR									
	10.95 - 05.96	4G93	4	1.8		Control		<b>F 00H L00 091</b>	160,000
L300									
P	11.86 - 10.88	G64B Kat.	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
	11.88 - 05.94	4G64 Kat.	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
	11.90 - 05.96	4G64 Kat.	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000
Magna / Verada									
TN	04.87 - 05.89	4G54 EFI <Astron II>	4	2.6		Control	<b>9 250 060 016</b>	<b>0 258 986 501</b>	160,000
TP	06.89 - 04.92	4G54 EFI <Astron II>	4	2.6		Control	<b>9 250 060 016</b>	<b>0 258 986 501</b>	160,000
TR	04.91 - 02.94	4G54 EFI	4	2.6		Control	<b>0 258 002 038</b>	<b>0 258 986 501</b>	50,000
KR	07.91 - 02.94	6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
TR	04.93 - 02.94	6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
KS	03.94 - 09.96	6G72 <E32>	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
TS	03.94 - 02.97	4G54	4	2.6		Control	<b>0 258 002 038</b>	<b>0 258 986 501</b>	50,000
		6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
TE	04.96 - 05.97	4G64	4	2.4	2 req.	Control		<b>0 258 986 507</b>	160,000
		6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
KE	10.96 - 05.97	6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
		6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000
KF	06.97 - 03.99	6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000
		6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000
TF	06.97 - 03.99	4G64	4	2.4	2 req.	Control		<b>0 258 986 507</b>	160,000



TF	06.97 - 03.99	6G72	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000	
KH	04.99 - 07.00	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TH	04.99 - 07.00	6G72 <E32>	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000	
		6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KJ	08.00 - 07.01	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TJ	08.00 - 06.02	6G74 <E32>	6	3.0	2 req.	Control		<b>0 258 986 507</b>	160,000	
		6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KJ	08.01 - 06.02	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KJ II	07.02 - 05.03	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TJ II	07.02 - 06.03	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KJ II	12.02 - 07.03	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TJ II	12.02 - 01.04	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KL	06.03 - 09.04	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TL	06.03 - 09.04	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KL	08.03 - 09.04	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TL	02.04 - 09.04	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
KW	10.04 - 09.05	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
TW	10.04 - 09.05	6G74 <E35>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
		6G74 <E40>	6	3.5	2 req.	Control		<b>0 258 986 507</b>	160,000	
<b>Mirage</b>										
	01.93→	4G15 <SOHC Kat.>	4	1.5		Control		<b>0 258 002 210</b>	50,000	
<b>Nimbus</b>										
UF	01.92 - 11.98	4G64 SOHC	4	2.4		Control		<b>0 258 002 210</b>	50,000	
UG	12.98→	4G64	4	2.4		Control		<b>0 258 002 210</b>	50,000	
<b>Pajero</b>										
	04.96 - 09.99	4G64	4	2.4		Control		<b>F 00H L00 091</b>	160,000	
	07.00 - 09.06	6G72	6	3.0		Control		<b>0 258 986 507</b>	160,000	
<b>Starion</b>										
JD	01.86 - 12.87	4G63T	4	2.0		Control	<b>0 258 002 051</b>		50,000	
<b>Starion 2.6i Turbo Intercooler</b>										
	06.86 - 03.90	G54B Kat.	4	2.6		Control		<b>0 258 986 501</b>	80,000	
<b>Starwagon</b>										
SF, SG	01.86 - 12.90	4G64	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000	
	01.90 - 12.91	4G64	4	2.4		Control	<b>0 258 002 053</b>	<b>0 258 986 501</b>	50,000	
<b>380</b>										
DL I	10.05 - 03.06	6G75	6	3.8		HI,LAB	Diagnosis	<b>0 258 006 760</b>	<b>0 258 986 602</b>	250,000
						HI,RAB	Diagnosis	<b>0 258 006 762</b>	<b>0 258 986 602</b>	250,000
						LAB,front	Control	<b>0 258 006 735</b>	<b>0 258 986 602</b>	250,000
						RAB,front	Control	<b>0 258 006 737</b>	<b>0 258 986 602</b>	250,000
DL II	04.06 - 06.07	6G75	6	3.8		HI,LAB	Diagnosis	<b>0 258 006 760</b>	<b>0 258 986 602</b>	250,000
						HI,RAB	Diagnosis	<b>0 258 006 762</b>	<b>0 258 986 602</b>	250,000
						LAB,front	Control	<b>0 258 006 735</b>	<b>0 258 986 602</b>	250,000
						RAB,front	Control	<b>0 258 006 737</b>	<b>0 258 986 602</b>	250,000
DL III	07.07→	6G75	6	3.8		HI,LAB	Diagnosis	<b>0 258 006 760</b>	<b>0 258 986 602</b>	250,000
						HI,RAB	Diagnosis	<b>0 258 006 762</b>	<b>0 258 986 602</b>	250,000
						LAB,front	Control	<b>0 258 006 735</b>	<b>0 258 986 602</b>	250,000
						RAB,front	Control	<b>0 258 006 737</b>	<b>0 258 986 602</b>	250,000
<b>3000 GT</b>										
	10.92 - 09.97	6G72	6	3.0		LAB	Control	<b>0 258 986 507</b>	160,000	
						RAB	Control	<b>0 258 986 602</b>	160,000	

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<b>Bluebird</b>									
U13	07.93 - 09.97	KA24DE	4	2.4		Control	<b>F 00H L00 030</b>	<b>0 258 986 501</b>	160,000
<b>Exa</b>									
	03.86 - 06.87	E15ET	4	1.5		Control		<b>0 258 986 501</b>	80,000
N13	11.86 - 10.87	CA16DE	4	1.6		Control	<b>0 986 258 002</b>	<b>0 258 986 507</b>	160,000
KEN13	10.87 - 10.90	CA18DE	4	1.8		Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000
<b>Gazelle</b>									
S12	10.83 - 02.88	CA20E	4	2.0		Control		<b>0 258 986 501</b>	80,000





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<b>Laurel</b>											
	06.97 - 08.02	RB25DE	6	2.5			Control	<b>0 258 005 726</b>	160,000		
<b>Maxima</b>											
<b>A32</b>	10.94 - 01.00	VQ30DE	6	3.0			Control	<b>F 00H L00 044</b>	160,000		
<b>CA33</b>	01.00→	VQ30DE	6	3.0			XEV	Control	<b>0 258 005 726</b>	160,000	
							XEW	Control	<b>0 258 005 955</b>	<b>0 258 986 502</b>	160,000
<b>A34</b>	02.03→	VQ35DE	6	3.5			front	Diagnosis	<b>0 258 986 602</b>	160,000	
							HI	Diagnosis	<b>0 258 986 507</b>	160,000	
								02.03 - 07.04	Control	<b>0 258 007 185</b>	250,000
								08.04→	Control	<b>0 258 007 264</b>	250,000
<b>J31</b>	07.06 - 02.08	VQ35DE	6	3.5				Diagnosis	<b>0 258 986 507</b>	160,000	
							front	Control	<b>0 258 986 507</b>	160,000	
<b>Micra</b>											
<b>K11E</b>	05.95 - 12.97	CG13DE	4	1.3			Control	<b>0 258 003 256</b>	<b>0 258 986 502</b>	160,000	
<b>K12E</b>	06.05→	CR14DE	4	1.4			Diagnosis	<b>0 258 006 513</b>	<b>0 258 986 602</b>	250,000	
<b>Murano</b>											
<b>Z50</b>	11.04→	VQ35DE	6	3.5				Control	<b>0 258 007 264</b>	250,000	
								Diagnosis	<b>0 258 986 507</b>	160,000	
<b>Navara</b>											
<b>D21</b>	03.92 - 01.97	VG30E	6	3.0	03.93 - 01.97		Control	<b>0 258 003 418</b>	<b>0 258 986 502</b>	160,000	
<b>Pathfinder</b>											
<b>R50</b>	09.95 - 06.05	VG33E	6	3.3			LAB	Control	<b>0 258 005 726</b>	160,000	
							RAB	Control	<b>0 258 005 726</b>	160,000	
							XEV	Control	<b>0 258 986 502</b>	160,000	
								09.95 - 02.99	XEW	Control	<b>0 258 986 502</b>
<b>R51</b>	06.05→	VQ40DE	6	4.0				Control	<b>0 258 007 204</b>	250,000	
								Diagnosis	<b>0 258 986 602</b>	160,000	
<b>Patrol</b>											
	01.92 - 12.95	TB42E	6	4.2			Control	<b>0 986 258 021</b>	160,000		
<b>Y60</b>	02.92 - 11.97	TB42E	6	4.2			Control	<b>0 258 986 501</b>	80,000		
<b>Pintara</b>											
<b>R31</b>	06.86 - 12.90	CA20E	4	2.0			Control	<b>0 258 986 501</b>	80,000		
<b>U12</b>	08.89 - 10.92	CA20E	4	2.0			Control	<b>0 258 986 501</b>	80,000		
		KA24E	4	2.4			Control	<b>0 258 986 501</b>	80,000		
<b>Pulsar</b>											
<b>N12</b>	04.84 - 07.87	E15T	4	1.5			Control	<b>0 258 986 501</b>	80,000		
<b>N14</b>	08.91 - 05.95	GA16DE	4	1.6				Control	<b>0 258 986 501</b>	80,000	
								<b>0 986 258 022</b>	160,000		
<b>N15</b>	08.95 - 06.00	GA16DE	4	1.6			A/T	Control	<b>0 258 986 502</b>	160,000	
							M/T	Control	<b>F 00H L00 030</b>	<b>0 258 986 501</b>	160,000
								SR20DE	4	2.0	
<b>N16</b>	07.00→	QG16DE <DOHC-16V-EFI>	4	1.6			Control	<b>F 00H L00 038</b>	<b>0 258 986 502</b>	160,000	
<b>Sylvia</b>											
	01.99 - 08.02	SR20DE	4	2.0			Control	<b>0 258 005 726</b>	160,000		
<b>Terrano</b>											
	10.89 - 08.95	VG30E	6	3.0	10.89 - 10.93		Control	<b>F 00H L00 020</b>	<b>0 258 986 502</b>	160,000	
	09.95 - 08.02	VG33E	6	3.3			LAB	Control	<b>0 258 005 726</b>	160,000	
							RAB	Control	<b>0 258 005 726</b>	160,000	
<b>R20</b>	11.96 - 12.99	KA24E	4	2.4			M/T	Control	<b>0 258 003 897</b>	<b>0 258 986 502</b>	160,000
<b>X-Trail</b>											
<b>T30</b>	09.02 - 03.07	QR25DE	4	2.5			Control	<b>0 258 986 507</b>	160,000		
<b>300C</b>											
<b>Y30</b>	01.85 - 12.88	VG30E	6	3.0			Control	<b>0 986 258 002</b>	160,000		
<b>300ZX</b>											
<b>Z31</b>	09.85 - 09.89	VG30ET	6	3.0			Control	<b>0 986 258 002</b>	160,000		
<b>Z32</b>	01.90 - 11.95	VG30DE	6	3.0			Control	<b>F 00H L00 130</b>	<b>0 258 005 726</b>	160,000	
	01.90 - 03.96	VG30DETT	6	3.0			Control	<b>F 00H L00 130</b>	<b>0 258 005 726</b>	160,000	
<b>350Z</b>											
<b>Z33</b>	07.03 - 01.07	VQ35DE	6	3.5				Control	<b>0 258 007 240</b>	250,000	
								Diagnosis	<b>0 258 986 602</b>	160,000	



<b>350Z Cabriolet</b>									
<b>Z33</b>	11.04 - 01.07	VQ35DE	6	3.5		Control	<b>0 258 007 240</b>		250,000
						Diagnosis		<b>0 258 986 602</b>	160,000

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<b>GTi</b>									
	10.87 - 03.91	DFZ <XU9J1 Kat.>	4	1.9		Control	<b>0 258 003 046</b>	<b>0 258 986 502</b>	100,000
	04.91 - 04.94	DFY,DKZ <XU9JAZ Kat.>	4	1.9		Control	<b>0 258 003 074</b>	<b>0 258 986 506</b>	100,000

<b>Partner 1.6i 16V</b>									
<b>B9</b>	05.08→	NFR <TU5JP4B>	4	1.6		Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000

<b>Si</b>									
	04.91 - 04.94	BDY <XU5M Kat.>	4	1.6		Control	<b>0 258 003 074</b>	<b>0 258 986 506</b>	100,000

<b>205</b>									
	10.86 - 10.87	DFZ <XU9J1 Kat.>	4	1.9		Control	<b>0 258 003 046</b>	<b>0 258 986 502</b>	100,000
	10.87 - 09.98	D6B <XU9JA>	4	1.9		Control	<b>0 258 003 074</b>	<b>0 258 986 506</b>	100,000

<b>206</b>									
<b>T1</b>	06.98 - 08.07	NFZ <TU5JP>	4	1.6		Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000
	03.00 - 08.07	NFU <TU5JP4>	4	1.6		Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000
					EU4	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000
					NE4	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
	03.00→	KFW <TU3JP/L4/FL5>	4	1.4		Control		<b>0 258 986 507</b>	160,000
						Diagnosis		<b>0 258 986 507</b>	160,000
	10.00 - 11.04	RFN <EW10J4>	4	2.0		Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>	160,000
		Org. →9673	4	2.0	10.00 - 05.03	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
		Org. 9674→	4	2.0	06.03 - 11.04	Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
	06.01 - 04.05	TU5JP4	4	1.6		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
<b>T1</b>	03.03 - 08.06	RFK <EW10J4S>	4	2.0		Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>	160,000
	02.04 - 12.05	TU3JP	4	1.4		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000

<b>206CC</b>									
<b>T1</b>	09.00 - 03.07	NFU <TU5JP4>	4	1.6		Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000
					EU4	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000
					NE4	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
		RFN <EW10J4>	4	2.0		Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>	160,000
		Org. →9673	4	2.0	09.00 - 05.03	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
		Org. 9674→	4	2.0	06.03 - 03.07	Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000

<b>207</b>									
<b>A7</b>	05.06→	KFV <TU3A>	4	1.4		Diagnosis		<b>0 258 986 507</b>	160,000
	07.06→	5FX <EP6DT>	4	1.6		Control	<b>0 258 017 112</b>		250,000
	03.07→	5FW <EP6>	4	1.6		Control	<b>0 258 017 113</b>		250,000
	06.07→	5FW <EP6>	4	1.6		Control	<b>0 258 017 113</b>		250,000

<b>207CC</b>									
<b>A7</b>	03.07→	5FW <EP6>	4	1.6		Control	<b>0 258 017 113</b>		250,000
		5FX <EP6DT>	4	1.6		Control	<b>0 258 017 112</b>		250,000

<b>306</b>									
<b>N3</b>	01.93 - 04.97	LFZ <XU7JP KAT.>	4	1.8	01.93 - 02.95	Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
					03.95 - 04.97	Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
	08.93 - 04.97	RFX <XU10J2 KAT.>	4	2.0	08.93 - 02.95	Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
					03.95 - 04.97	Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
		RFY <XU10J4>	4	2.0	08.93 - 02.95	Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
					03.95 - 04.97	Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
		R6D <XU10J2>	4	2.0	08.93 - 02.95	Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
					03.95 - 04.97	Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
<b>N5</b>	05.97 - 03.02	LFY <XU7JP4>	4	1.8		N05	Control		<b>0 258 986 506</b>
						N14	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>
							Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>
		L6A <XU7JP>	4	1.8		Control	<b>0 258 003 672</b>	<b>0 258 986 506</b>	80,000
		RFV <XU10J4R>	4	2.0		Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000



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<b>N5</b>	05.97 - 10.03	LFY <XU7JP4>	4	1.8		N05	Control		<b>0 258 986 506</b>	160,000
						N14	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>	160,000
							Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 672</b>	<b>0 258 986 506</b>	80,000
							Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
		RFV <XU10J4R>	4	2.0		Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000	
		R6E <XU10J4R>	4	2.0		Control	<b>0 258 003 672</b>	<b>0 258 986 506</b>	80,000	
<b>306CC</b>										
<b>N3</b>	01.93 - 04.97	LFZ <XU7JP KAT.>	4	1.8	01.93 - 02.95		Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000
<b>N5</b>	05.97 - 10.03	LFY <XU7JP4>	4	1.8		N05	Control		<b>0 258 986 506</b>	160,000
						N14	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 186</b>	<b>0 258 986 615</b>	160,000
		RFV <XU10J4R>	4	2.0		Control	<b>0 258 003 717</b>	<b>0 258 986 506</b>	100,000	
<b>307</b>										
<b>T5</b>	08.00 - 05.05	NFU <TU5JP4>	4	1.6			Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000
							Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000
							Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
			RFN <EW10J4>	4	2.0		Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000
			RFN <EW10J4>	4	2.0		Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
			RFN <EW10J4>	4	2.0		Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000
			RFN <EW10J4>	4	2.0		Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
			RFN <EW10J4>	4	2.0		Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000
			RFN <EW10J4>	4	2.0		Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
<b>T6</b>	06.05 - 12.06	RFK <EW10J4S>	4	2.0			Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000
							Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
	06.05→	RFK <EW10J4S>	4	2.0		Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000	
		RFK <EW10J4S>	4	2.0		Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000	
<b>308</b>										
<b>T7</b>	09.07→	5FW <EP6>	4	1.6			Control	<b>0 258 017 113</b>		250,000
<b>308 1.6i SW</b>										
<b>T7</b>	05.08→	5FT <EP6DT>	4	1.6	05.08 - 06.08		Control	<b>0 258 017 112</b>		250,000
							Control	<b>0 258 017 113</b>		250,000
							Control	<b>0 258 017 113</b>		250,000
<b>405</b>										
<b>15</b>	04.88 - 12.92	DFW <XU9J4Z Kat.>	4	1.9	04.88 - 01.89		Control	<b>0 258 003 074</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 078</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 074</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 078</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 078</b>	<b>0 258 986 506</b>	100,000
<b>4</b>	06.92 - 04.97	RFX <XU10J2 Kat.>	4	2.0	06.92 - 06.95		Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
		RFT <XU10J4>	4	2.0		Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000	
		RFY <XU10J4>	4	2.0		Control	<b>0 258 003 203</b>	<b>0 258 986 506</b>	100,000	
		RFY <XU10J4>	4	2.0		Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000	
<b>406</b>										
<b>D8</b>	10.95 - 03.99	RFV <XU10J4R>	4	2.0			Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 705</b>	<b>0 258 986 503</b>	80,000
	08.96 - 03.99	XFZ <ES9J4>	6	3.0		N01	Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000
						N05	Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 705</b>	<b>0 258 986 503</b>	80,000
							Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000
	10.96 - 03.99	RFV <XU10J4R>	4	2.0			Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 003 705</b>	<b>0 258 986 503</b>	80,000
							Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000
							Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000
03.97 - 03.99	XFZ <ES9J4>	6	3.0		N05	Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000	
						Control	<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000	
<b>D9</b>	04.99 - 08.00	RFR <EW10J4>	4	2.0			Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							Control	<b>0 258 003 716</b>	<b>0 258 986 506</b>	100,000
							Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000
04.99 - 06.04	LFY <XU7JP4>	4	1.8		BO,014	Control	<b>0 258 003 716</b>	<b>0 258 986 506</b>	100,000	
					N14	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000	
					O14,SAG	Control		<b>0 258 986 506</b>	160,000	





<b>D9</b>	04.99 - 06.04	RFV <XU10J4R>	4	2.0		Ascertain in vehicle	Control	<b>0 258 003 673</b>	<b>0 258 986 506</b>	80,000	
								<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000	
			XFZ <ES9J4>	6	3.0		N01	Control	<b>0 258 003 705</b>	<b>0 258 986 503</b>	80,000
							N05	Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000
	04.99 - 02.05	RFV <XU10J4R>	4	2.0		Ascertain in vehicle	Control	<b>0 258 003 673</b>	<b>0 258 986 506</b>	80,000	
								<b>0 258 003 718</b>	<b>0 258 986 506</b>	100,000	
				XFZ <ES9J4>	6	3.0		N01	Control	<b>0 258 003 705</b>	<b>0 258 986 503</b>
							N05	Control	<b>0 258 003 754</b>	<b>0 258 986 503</b>	160,000
	12.99 - 06.04	AFX <ES9J4S>	6	3.0				Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000
		Org. →8819	6	3.0	12.99 - 12.00	front	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
					HI	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000		
		Org. 8820→	6	3.0	01.01 - 06.04		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
12.99 - 02.05	AFX <ES9J4S>	6	3.0				Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
	Org. →8819	6	3.0	12.99 - 12.00	front	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000		
					HI	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000		
		Org. 8820→	6	3.0	01.01 - 02.05		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
08.00 - 06.04	RFN <EW10J4>	4	2.0				Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000	
							Diagnosis	<b>0 258 006 029</b>	<b>0 258 986 615</b>	160,000	
<b>407</b>											
<b>D2</b>	05.04→	RFN <EW10J4>	4	2.0			Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000	
							Diagnosis	<b>0 258 006 431</b>	<b>0 258 986 615</b>	160,000	
			3FZ <EW12J4>	4	2.2			Control	<b>0 258 006 026</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 431</b>	<b>0 258 986 615</b>	160,000	
			XFV <ES9A>	6	3.0			Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
<b>505</b>											
	02.86 - 06.87	<XN6 Kat.>	4	2.0	02.86 - 06.86		Control	<b>0 258 003 004</b>	<b>0 258 986 502</b>	100,000	
					07.86 - 06.87		Control	<b>0 258 003 046</b>	<b>0 258 986 502</b>	100,000	
	03.86 - 12.93	851X <ZDJL Kat.>	4	2.2			Control	<b>0 258 003 046</b>	<b>0 258 986 502</b>	100,000	
<b>605</b>											
<b>Y30</b>	07.93 - 05.99	UFZ <ZPJ KAT.>	6	3.0	07.93 - 06.94		Control	<b>0 258 003 204</b>	<b>0 258 986 503</b>	100,000	
					07.94 - 05.99		Control	<b>0 258 003 359</b>	<b>0 258 986 503</b>	100,000	
<b>607</b>											
<b>Z8</b>	03.00 - 11.04	AFX <ES9J4S>	6	2.9			Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
		Org. →8819	6	2.9	03.00 - 12.00	front	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
						HI	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000	
		Org. 8820→	6	2.9	01.01 - 11.04		Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000	
<b>Z9</b>	12.04→	XFV <ES9A>	6	3.0			Diagnosis	<b>0 258 006 185</b>	<b>0 258 986 615</b>	160,000	
							front	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
							HI	Control	<b>0 258 006 028</b>	<b>0 258 986 615</b>	160,000

**PORSCHE**

**Boxster**

<b>986</b>	10.96 - 08.99	M 96.20	6	2.5			Diagnosis	<b>0 258 003 806</b>	<b>0 258 986 505</b>	160,000
					10.96 - 08.97		Control	<b>0 258 003 806</b>	<b>0 258 986 505</b>	160,000
	09.99 - 08.02	M 96.22	6	2.7			Control	<b>0 258 003 806</b>	<b>0 258 986 505</b>	160,000
						front	Diagnosis	<b>0 258 005 183</b>	<b>0 258 986 505</b>	160,000
						HI	Diagnosis	<b>0 258 003 806</b>	<b>0 258 986 505</b>	160,000
							Control	<b>0 258 003 806</b>	<b>0 258 986 505</b>	160,000
						front	Diagnosis	<b>0 258 005 183</b>	<b>0 258 986 505</b>	160,000
						HI	Diagnosis	<b>0 258 003 806</b>	<b>0 258 986 505</b>	160,000
	09.02 - 08.04	M 96.23	6	2.7	front	Diagnosis	<b>0 258 006 508</b>	<b>0 258 986 602</b>	160,000	
					HI	Diagnosis	<b>0 258 006 506</b>	<b>0 258 986 602</b>	160,000	
		M 96.24	6	3.2	front	Diagnosis	<b>0 258 006 508</b>	<b>0 258 986 602</b>	160,000	
					HI	Diagnosis	<b>0 258 006 506</b>	<b>0 258 986 602</b>	160,000	
<b>987</b>	09.04 - 08.06	M 96.25	6	2.7			Control	<b>0 258 007 276</b>		250,000
							Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000
							Control	<b>0 258 007 276</b>		250,000
	09.06→	M 96.26	6	3.2			Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000
							Control	<b>0 258 007 276</b>		250,000
							Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000
		M 97.21	6	3.4			Control	<b>0 258 006 810</b>		250,000
							Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000



◀ PORSCHE

Carrera GT									
	10.04→	M80.01	10	5.7		Control	<b>0 258 007 044</b>		160,000
						Diagnosis	<b>0 258 006 205</b>	<b>0 258 986 602</b>	160,000
Cayenne									
<b>9PA</b>	09.02 - 01.07	M48.00	8	4.5		Diagnosis	<b>0 258 006 498</b>	<b>0 258 986 602</b>	250,000
						LAB	<b>0 258 007 158</b>		250,000
						RAB	<b>0 258 007 157</b>		250,000
		M48.50	8	4.5		Control	<b>0 258 007 174</b>		250,000
						Diagnosis	<b>0 258 006 498</b>	<b>0 258 986 602</b>	250,000
Cayenne S 4.8									
<b>9PA</b>	02.07→	M48.01	8	4.8		Diagnosis	<b>0 258 006 962</b>		250,000
		Eng. →838 07240	8	4.8		Control	<b>0 258 017 127</b>		250,000
		Eng. 838 07241→	8	4.8		Control	<b>0 258 017 184</b>		250,000
Cayenne Turbo 4.8									
<b>9PA</b>	02.07→	M48.51	8	4.8		Control	<b>0 258 017 128</b>		250,000
						Diagnosis	<b>0 258 006 962</b>		250,000
Cayenne 3.6									
<b>9PA</b>	02.07→	M55.01	6	3.6		XEV	Control	<b>0 258 017 176</b>	250,000
							Diagnosis	<b>0 258 006 837</b>	160,000
						XEW	Control	<b>0 258 017 178</b>	250,000
							Diagnosis	<b>0 258 006 839</b>	160,000
Cayman									
<b>987C</b>	11.05→	M97.21	6	3.4		Control	<b>0 258 006 810</b>		250,000
						Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000
Cayman 2.7									
<b>987C</b>	09.06→	M97.20	6	2.7		Control	<b>0 258 006 810</b>		250,000
						Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000
911									
	09.83 - 07.86	930.21	6	3.2		Control	<b>0 258 003 003</b>	<b>0 258 986 502</b>	100,000
911 Carrera									
<b>964</b>	09.89 - 08.93	64.01/.02	6	3.6	09.89 - 08.90	Control	<b>0 258 005 324</b>	<b>0 258 986 502</b>	100,000
					09.90 - 08.93	Control	<b>0 258 003 924</b>	<b>0 258 986 502</b>	100,000
<b>993</b>	09.93 - 08.95	M64.05 / M64.06	6	3.6		Control	<b>0 258 003 369</b>	<b>0 258 986 505</b>	160,000
	09.94 - 08.97	M64.20	6	3.8		Control	<b>0 258 003 369</b>	<b>0 258 986 505</b>	160,000
	09.95 - 08.97	M64.21 / M64.22	6	3.6		Control	<b>0 258 003 369</b>	<b>0 258 986 505</b>	160,000
<b>996</b>	09.97 - 08.99	M96.01	6	3.4		Control	<b>0 258 003 564</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 003 723</b>	<b>0 258 986 505</b>	160,000
<b>996T/GT2/GT3</b>	03.99 - 08.01	M96.76	6	3.6		Control	<b>0 258 003 721</b>	<b>0 258 986 505</b>	160,000
<b>996</b>	09.99 - 08.01	M96.04	6	3.4		Control	<b>0 258 003 564</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 003 723</b>	<b>0 258 986 505</b>	160,000
	09.01 - 07.04	M96.03	6	3.6		Control	<b>0 258 006 433</b>	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 006 435</b>	<b>0 258 986 602</b>	160,000
<b>997</b>	08.04 - 05.08	M96.05	6	3.6	08.04 - 08.05	Control	<b>0 258 006 433</b>	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 006 435</b>	<b>0 258 986 602</b>	160,000
					09.05 - 05.08	Control	<b>0 258 006 824</b>		250,000
						Diagnosis	<b>0 258 006 825</b>	<b>0 258 986 602</b>	250,000
		M97.01	6	3.8	08.04 - 08.05	Control	<b>0 258 006 433</b>	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 006 435</b>	<b>0 258 986 602</b>	160,000
					09.05 - 05.08	Control	<b>0 258 006 824</b>		250,000
						Diagnosis	<b>0 258 006 825</b>	<b>0 258 986 602</b>	250,000
	04.05 - 05.08	M96.05	6	3.6	04.05 - 08.05	Control	<b>0 258 006 433</b>	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 006 435</b>	<b>0 258 986 602</b>	160,000
					09.05 - 05.08	Control	<b>0 258 006 824</b>		250,000
						Diagnosis	<b>0 258 006 825</b>	<b>0 258 986 602</b>	250,000
		M97.01	6	3.8	04.05 - 08.05	Control	<b>0 258 006 433</b>	<b>0 258 986 602</b>	160,000
						Diagnosis	<b>0 258 006 435</b>	<b>0 258 986 602</b>	160,000
					09.05 - 05.08	Control	<b>0 258 006 824</b>		250,000
						Diagnosis	<b>0 258 006 825</b>	<b>0 258 986 602</b>	250,000
<b>997 GT3</b>	03.06→	M97.76	6	3.6		Control	<b>0 258 007 276</b>		250,000
						Diagnosis	<b>0 258 006 697</b>	<b>0 258 986 602</b>	250,000
911 Carrera 4									
<b>964</b>	09.89 - 08.93	64.01	6	3.6	09.89 - 08.90	Control	<b>0 258 005 324</b>	<b>0 258 986 502</b>	100,000
					09.90 - 08.93	Control	<b>0 258 003 924</b>	<b>0 258 986 502</b>	100,000



993	09.94 - 08.95	M64.05	6	3.6	Control	0 258 003 369	0 258 986 505	160,000
	09.95 - 08.97	M64.21	6	3.6	Control	0 258 003 369	0 258 986 505	160,000
996	09.98 - 08.99	M96.02	6	3.4	Control	0 258 003 564	0 258 986 505	160,000
					Diagnosis	0 258 003 723	0 258 986 505	160,000
	09.01 - 07.04	M96.03	6	3.6	Control	0 258 006 433	0 258 986 602	160,000
					Diagnosis	0 258 006 435	0 258 986 602	160,000
997	10.05 - 05.08	M97.01	6	3.8	Control	0 258 006 824		250,000
					Diagnosis	0 258 006 825	0 258 986 602	250,000
<b>911 Turbo</b>								
964	12.90 - 08.92	30.69	6	3.3	Control	0 258 003 924	0 258 986 502	100,000
	02.93 - 08.93	64.50	6	3.6	Control	0 258 003 924	0 258 986 502	100,000
993	03.95 - 08.97	M64.60	6	3.6	Control	0 258 003 564	0 258 986 505	160,000
					Diagnosis	0 258 003 577	0 258 986 505	160,000
996T/GT2/GT3	06.00→	M96.70	6	3.6	Control	0 258 003 564	0 258 986 505	160,000
	06.01→	M96.70/S	6	3.6	Control	0 258 003 564	0 258 986 505	160,000
	02.03→	M96.70E	6	3.6	Control	0 258 003 564	0 258 986 505	160,000
	10.03→	M96.70	6	3.6	Control	0 258 003 564	0 258 986 505	160,000
		M96.70E	6	3.6	Control	0 258 003 564	0 258 986 505	160,000
<b>928</b>								
944	08.83 - 07.86	M 28.21.,.22	8	4.7	Control	0 258 003 003	0 258 986 502	100,000
	08.85 - 07.86	M 28...	8	4.7	Control	0 258 003 918	0 258 986 502	100,000
	08.86 - 07.91	M 28.41.,.42	8	5.0	Control	0 258 003 048	0 258 986 502	100,000
	08.91 - 11.95	M 28.49/.50	8	5.4	Control	0 258 003 048	0 258 986 502	100,000
944	01.85 - 07.87	M 44.05/.06	4	2.5	Control	0 258 003 011	0 258 986 502	100,000
	08.85 - 07.88	M 44.51	4	2.5	Control	0 258 003 012	0 258 986 502	100,000
	09.87 - 07.91	M 44.52	4	2.5	Control	0 258 003 012	0 258 986 502	100,000
	11.88 - 07.89	M 44.11, .12	4	2.7	Control	0 258 003 011	0 258 986 502	100,000
	12.88 - 07.91	M 44.41	4	3.0	Control	0 258 003 011	0 258 986 502	100,000
<b>968</b>								
	08.91 - 11.95	M 44.43/.44	4	3.0	Control	0 258 003 011	0 258 986 502	100,000

**PROTON**

<b>GEN2</b>								
	02.04→	S4PH <Campro>	4	1.6	Control		0 258 986 602	160,000
<b>New Persona</b>								
	08.07→	S4PH <Campro>	4	1.6	Control		0 258 986 602	160,000
<b>Persona</b>								
C90 CC0	01.93 - 12.97	4G15 Euro I	4	1.5	11.94 - 12.97	Control	0 258 986 602	160,000
C90 CC1	12.95→	4G13 Euro II	4	1.3		Control	0 258 986 602	160,000
		4G15 <Euro II>	4	1.5		Control	0 258 986 602	160,000
		4G92 Euro II <SOHC>	4	1.6		Control	0 258 986 602	160,000
<b>Satria</b>								
C90	03.96→	4G13	4	1.3		Control	0 258 986 507	160,000
		4G15	4	1.5		Control	0 258 986 507	160,000
		4G92	4	1.6		Control	0 258 986 507	160,000
	11.98→	4G93	4	1.8		Control	0 258 986 602	160,000
<b>Waja</b>								
CF1	09.00→	4G18 S4	4	1.6		Diagnosis	0 258 986 602	160,000
<b>Wira</b>								
C90	05.95 - 12.96	4G92	4	1.6		Control	0 258 986 602	160,000

**RENAULT**

<b>Clio</b>									
BB./CB./SB.	06.98 - 10.07	K4M 748	4	1.6		Control	0 258 006 046	0 258 986 615	160,000
		Chassis VF1BBOH, Chassis VF1CB0H	4	1.6		Diagnosis	0 258 006 294	0 258 986 615	160,000
		Chassis VF1BB0T, Chassis VF1CB0T	4	1.6		Diagnosis	0 258 005 135	0 258 986 507	160,000





◀ RENAULT

<b>BB./CB./SB.</b>	03.99 - 10.07	F4R 730	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
	10.99 - 10.07	K4J 712	4	1.4	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
		K4J 713	4	1.4	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
	05.00 - 10.07	K4J 711	4	1.4	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
	08.00 - 10.07	K4J 710	4	1.4	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
					K4M 708	4	1.6	Control
	06.01 - 10.07	K4M 744	4	1.6	Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
					Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
		F4R 732	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
					F4R 736	4	2.0	Control
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
					Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
<b>LB.</b>	06.01 - 10.07	K4J 712	4	1.4	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
					11.01 - 10.07	K4J 713	4	1.4
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
					Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
<b>BB./CB./SB.</b>	12.02 - 10.07	K4M 742	4	1.6	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
					03.03 - 10.07	F4R 738	4	2.0
					Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
<b>Clio III 2.0 Sport</b>								
<b>BR./CR.</b>	12.05→	F4R 830	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 294</b>	<b>0 258 986 615</b>	160,000
<b>Laguna</b>								
<b>B56</b>	01.94 - 12.96	F3R 722	4	2.0	Control	<b>0 258 003 448</b>	<b>0 258 986 502</b>	160,000
					01.94 - 02.01	F3R 723	4	2.0
<b>BG.</b>	03.01 - 09.07	F4R 712	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
		L7X 731	6	3.0	Control	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 027</b>	<b>0 258 986 615</b>	160,000
06.01 - 09.07	F4R 713	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000	
				Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000	
07.05 - 09.07	G9T 605	4	2.2	Control	<b>0 281 004 040</b>		250,000	
<b>Laguna III Grandtour 2.0 T 16V</b>								
<b>KT.</b>	10.07→	F4R 811	4	2.0	Control	<b>0 258 006 988</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 988</b>	<b>0 258 986 615</b>	160,000
<b>Laguna III 2.0 T 16V</b>								
<b>BT./DT.</b>	10.07→	F4R 811	4	2.0	Control	<b>0 258 006 988</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 988</b>	<b>0 258 986 615</b>	160,000
<b>Megane</b>								
<b>X64</b>	03.99 - 09.03	K4M 700	4	1.6	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
	05.00 - 09.03	K4M 700	4	1.6	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
	01.01 - 09.03	K4M 700	4	1.6	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
<b>BM./CM./GM./SM.</b>	03.03→	F4R 774	4	2.0	Control	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000
<b>LM.</b>	07.03→	F4R 771	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
<b>EM.</b>	10.03→	K4M 760	4	1.6	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
					Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000
	K4M 761	4	1.6	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000	
				Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000	
	F4R 771	4	2.0	Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000	
				Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000	



<b>BM./CM./GM./SM.</b>	05.05→	K4M 812	4	1.6		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
<b>R 19</b>																
<b>X53</b>	09.88 - 12.95	F3N 742 Kat.	4	1.7		Control	<b>0 258 003 086</b>	<b>0 258 986 502</b>	100,000							
		F3N 743 Kat.	4	1.7		Control	<b>0 258 003 086</b>	<b>0 258 986 502</b>	100,000							
	05.92 - 12.95	F3P 700 Kat.	4	1.8		Control	<b>0 258 003 086</b>	<b>0 258 986 502</b>	100,000							
	09.94 - 12.95	F3P 682 Kat.	4	1.8		Control	<b>0 258 003 189</b>	<b>0 258 986 502</b>	160,000							
	10.94 - 12.95	F3P 765 Kat.	4	1.8		Control	<b>0 258 003 189</b>	<b>0 258 986 502</b>	160,000							
<b>R 21</b>																
<b>L48</b>	07.86 - 12.94	J7T 754,755 Kat.														
		Chassis S00005773→	4	2.2	02.90 - 12.94	Control		<b>0 258 986 501</b>	80,000							
		Chassis →S00005772	4	2.2	07.86 - 02.90	Control	<b>0 258 003 189</b>	<b>0 258 986 502</b>	160,000							
<b>R 25</b>																
	10.85 - 10.86	J7T 708	4	2.2	10.86 - 10.86	Control		<b>0 258 986 501</b>	80,000							
	10.86 - 12.92	J7T 732,733 Kat.	4	2.2	10.86 - 01.90	Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000							
					02.90 - 12.92	Control		<b>0 258 986 501</b>	80,000							
<b>Scenic</b>																
<b>JA.</b>	03.99 - 04.03	K4M 700	4	1.6		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000							
	06.99 - 04.03	F4R 744	4	2.0		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000							
	06.00 - 04.03	F4R 746	4	2.0		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000							
	11.00 - 04.03	F4R 744	4	2.0		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000							
	02.01 - 04.03	F4R 746	4	2.0		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 295</b>	<b>0 258 986 615</b>	160,000							
<b>JM.</b>	05.03→	F4R 770	4	2.0		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
		F4R 771	4	2.0		Control	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
						Diagnosis	<b>0 258 006 046</b>	<b>0 258 986 615</b>	160,000							
<b>ROLLS-ROYCE</b>																
<b>Corniche</b>																
	01.87 - 05.90	OHV V8 Kat.	8	6.8		Control	<b>0 258 003 016</b>	<b>0 258 986 502</b>	100,000							
	04.93 - 08.94	L 410 M	8	6.8		Control	<b>0 258 003 330</b>	<b>0 258 986 507</b>	160,000							
<b>Flying Spur</b>																
	08.94 - 07.95	OHV V8	8	6.8		Control	<b>0 258 003 645</b>	<b>0 258 986 505</b>	160,000							
							<b>0 258 003 746</b>	<b>0 258 986 505</b>	160,000							
<b>Phantom</b>																
<b>RR1</b>	03.03→	N73 B68	12	6.8	03.03 - 09.06	XEZ	Control	<b>0 258 007 145</b>		250,000						
							Diagnosis	<b>0 258 005 297</b>	<b>0 258 986 505</b>	160,000						
												XFA	Control	<b>0 258 007 146</b>		250,000
													Diagnosis	<b>0 258 005 298</b>	<b>0 258 986 505</b>	160,000
													Control	<b>0 258 017 126</b>		250,000
					10.06→	Diagnosis	<b>0 258 006 793</b>	<b>0 258 986 602</b>	250,000							
<b>Silver Spirit</b>																
	01.87 - 07.89	OHV V8 <Kat.>	8	6.8		Control	<b>0 258 003 016</b>	<b>0 258 986 502</b>	100,000							
	03.94 - 05.98	L 410 MN 1T	8	6.8	03.94 - 08.95	Control	<b>0 258 003 330</b>	<b>0 258 986 507</b>	160,000							
					09.95 - 05.98	L60	Control	<b>0 258 003 746</b>	<b>0 258 986 505</b>	160,000						
						103	Control	<b>0 258 003 645</b>	<b>0 258 986 505</b>	160,000						
<b>Silver Spur</b>																
	01.87 - 07.89	OHV V8 <Kat.>	8	6.8		Control	<b>0 258 003 016</b>	<b>0 258 986 502</b>	100,000							
	07.89 - 03.93	OHV V8 <Kat.>	8	6.8		Control	<b>0 258 003 016</b>	<b>0 258 986 502</b>	100,000							
	04.93 - 12.98	OHV V8	8	6.8	09.95 - 12.98	L60	Control	<b>0 258 003 746</b>	<b>0 258 986 505</b>	160,000						
						103	Control	<b>0 258 003 645</b>	<b>0 258 986 505</b>	160,000						







**ROVER**

<b>75</b>	01.99 - 05.05	25K4F <KV 6>	6	2.5		Control	<b>0 258 986 507</b>	160,000	
<b>827</b>	02.88 - 10.91	C27A V6	6	2.7		Control	<b>0 258 002 050</b>	<b>0 258 986 501</b>	50,000

**SAAB (SAAB AUTOMOBILE AB)**

<b>9-3</b>									
<b>9400</b>	03.98 - 08.00	B204I	4	2.0		Diagnosis	<b>0 258 003 577</b>	<b>0 258 986 505</b>	160,000
						BFK Control	<b>0 258 005 328</b>	<b>0 258 986 502</b>	160,000
						BLK Control	<b>0 258 003 503</b>	<b>0 258 986 502</b>	80,000
		B204L	4	2.0		Diagnosis	<b>0 258 003 577</b>	<b>0 258 986 505</b>	160,000
		Chassis X2020001→, X7020001→	4	2.0		Control	<b>0 258 005 074</b>	<b>0 258 986 505</b>	160,000
		Chassis →X2020000, →X7020000	4	2.0		Control	<b>0 258 986 601</b>	<b>0 258 986 505</b>	160,000
		B234I	4	2.3		Diagnosis	<b>0 258 003 577</b>	<b>0 258 986 505</b>	160,000
						BFK Control	<b>0 258 005 328</b>	<b>0 258 986 502</b>	160,000
						BLK Control	<b>0 258 003 503</b>	<b>0 258 986 502</b>	80,000
	09.98 - 08.00	B204E	4	2.0		Diagnosis	<b>0 258 003 577</b>	<b>0 258 986 505</b>	160,000
		Chassis X2020001→, X7020001→	4	2.0		Control	<b>0 258 005 074</b>	<b>0 258 986 505</b>	160,000
		Chassis →X2020000, →X7020000	4	2.0		Control	<b>0 258 986 601</b>	<b>0 258 986 505</b>	160,000
	09.99 - 08.00	B235R	4	2.3		Diagnosis	<b>0 258 003 577</b>	<b>0 258 986 505</b>	160,000
		Chassis X2020001→, X7020001→	4	2.3		Control	<b>0 258 005 074</b>	<b>0 258 986 505</b>	160,000
		Chassis →X2020000, →X7020000	4	2.3		Control	<b>0 258 986 601</b>	<b>0 258 986 505</b>	160,000
	09.99 - 08.02	B205E <(Ecopower)>	4	2.0		Control	<b>0 258 006 174</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 175</b>	<b>0 258 986 615</b>	160,000
		B205L	4	2.0		Control	<b>0 258 006 174</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 175</b>	<b>0 258 986 615</b>	160,000
		B205R <Ecopower DOHC>	4	2.0		Control	<b>0 258 006 174</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 175</b>	<b>0 258 986 615</b>	160,000
<b>9440</b>	09.02 - 08.06	B207L	4	2.0	09.03 - 08.06	Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
	09.02→	B207E	4	2.0	09.03→	Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
	02.03→	B207R	4	2.0	09.03→	Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
	09.04→	Z19DTH	4	1.9		Control	<b>0 281 004 026</b>		250,000
	02.08→	Z19DTH	4	1.9		Control	<b>0 281 004 026</b>		250,000
		Z19DTR	4	1.9		Control	<b>0 281 004 026</b>		250,000
<b>9-3 Cabriolet</b>									
<b>9440</b>	08.03→	B207E	4	2.0	09.03→	Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
		B207L	4	2.0	09.03→	Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
		B207R	4	2.0	09.03→	Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
	01.06→	Z19DTH	4	1.9		Control	<b>0 281 004 026</b>		250,000
<b>9-3 Kombi</b>									
<b>9440</b>	03.05→	Z19DTH	4	1.9		Control	<b>0 281 004 026</b>		250,000
		B207L	4	2.0		Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000
		B207R	4	2.0		Control	<b>0 258 006 623</b>	<b>0 258 986 615</b>	160,000
						Diagnosis	<b>0 258 006 624</b>	<b>0 258 986 615</b>	160,000





9-5												
06.97 - 08.01	B205E <Ecopower>	4	2.0	BFK	Control	0 258 005 074	0 258 986 505	160,000				
				BLK	Control	0 258 986 601	0 258 986 505	160,000				
06.99 - 08.03	B308E <Ecopower> Chassis Y3040001→	6	3.0		Control	0 258 006 174	0 258 986 615	160,000				
					Diagnosis	0 258 006 173	0 258 986 615	160,000				
				Chassis →Y3040000	6	3.0		Control	0 258 005 074	0 258 986 505	160,000	
								Diagnosis	0 258 003 577	160,000		
09.99 - 08.00	B205E <Ecopower>	4	2.0	BFK	Control	0 258 005 074	0 258 986 505	160,000				
				BLK	Control	0 258 986 601	0 258 986 505	160,000				
09.00→	B235E <Ecopower>	4	2.3		Control	0 258 006 174	0 258 986 615	160,000				
					Diagnosis	0 258 006 175	0 258 986 615	160,000				
09.01→	B235R	4	2.3		Control	0 258 006 174	0 258 986 615	160,000				
					Diagnosis	0 258 006 175	0 258 986 615	160,000				
09.03→	B235L	4	2.3		Control	0 258 006 174	0 258 986 615	160,000				
					Diagnosis	0 258 006 175	0 258 986 615	160,000				
9-5 Kombi												
09.00→	B235E <Ecopower>	4	2.3		Control	0 258 006 174	0 258 986 615	160,000				
					Diagnosis	0 258 006 175	0 258 986 615	160,000				
09.01→	B235R	4	2.3		Control	0 258 006 174	0 258 986 615	160,000				
					Diagnosis	0 258 006 175	0 258 986 615	160,000				
900												
09.83 - 08.90	B 201 I Kat.	4	2.0	09.83 - 08.85	Control	0 258 001 051	0 258 986 501	50,000				
				09.85 - 08.87	Control		0 258 986 501	80,000				
				09.87 - 08.90	Control	0 258 003 957	0 258 986 502	100,000				
					Control		0 258 986 501	80,000				
09.85 - 08.91	B 201 I Kat.	4	2.0	09.85 - 08.87	Control		0 258 986 501	80,000				
				09.87 - 08.90	Control	0 258 003 957	0 258 986 502	100,000				
09.85 - 08.92	B 202 I Kat.	4	2.0	BO	Control	0 258 003 957	0 258 986 502	100,000				
09.90 - 08.93	B 212 I Kat.	4	2.1	BO	Control	0 258 003 957	0 258 986 502	100,000				
09.91 - 08.93	B 212 I Kat.	4	2.1	MEB	Control	0 258 003 957	0 258 986 502	100,000				
09.93 - 08.98	B 206 I Kat.	4	2.0	BFK,NHE	Control	0 258 005 334	0 258 986 502	160,000				
				BLK	Control	0 258 003 503	0 258 986 502	80,000				
09.93 - 10.98	B 258 I	6	2.5	BKF	Control	0 258 005 328	0 258 986 502	160,000				
				BLK	Control	0 258 003 505	0 258 986 502	80,000				
03.94 - 08.98	B 206 I Kat.	4	2.0	BFK,NHE	Control	0 258 005 334	0 258 986 502	160,000				
				BLK	Control	0 258 003 503	0 258 986 502	80,000				
09.94 - 08.98	B 204 I Kat.	4	2.0	BFK,NHE	Control	0 258 005 334	0 258 986 502	160,000				
				BLK	Control	0 258 003 503	0 258 986 502	80,000				
900 Turbo												
08.84 - 08.93	B 202 L Kat.	4	2.0	08.84 - 08.85	Control	0 258 001 051	0 258 986 501	50,000				
				09.85 - 08.89	Control	0 258 003 957	0 258 986 502	100,000				
900 Turbo Cabriolet												
09.90 - 08.93	B 202 L Kat.	4	2.0	BO	Control	0 258 003 957	0 258 986 502	100,000				
9000												
09.85 - 08.88	B 202 L <Turbo-Katalysator>	4	2.0		Control	0 258 003 957	0 258 986 502	100,000				
08.86 - 08.93	B 202 I <Kat>	4	2.0	08.86 - 08.86	Control	0 258 003 957	0 258 986 502	100,000				
				09.86 - 08.90	Control	0 258 003 957	0 258 986 502	100,000				
				09.90 - 08.91	Control	0 258 003 957	0 258 986 502	100,000				
				09.91 - 08.93	Control	0 258 005 334	0 258 986 502	160,000				
09.89 - 08.93	B 202 I <Kat>	4	2.0	09.89 - 08.90	Control	0 258 003 957	0 258 986 502	100,000				
				09.90 - 08.91	Control	0 258 003 957	0 258 986 502	100,000				
				09.91 - 08.93	Control	0 258 005 334	0 258 986 502	160,000				
				09.89 - 08.91	Control	0 258 003 957	0 258 986 502	100,000				
B 234 I <Kat>	4	2.3	09.89 - 08.91	Control	0 258 003 957	0 258 986 502	100,000					
			09.91 - 08.93	Control	0 258 005 334	0 258 986 502	160,000					
				Control	0 258 003 957	0 258 986 502	100,000					
01.90 - 08.93	B 202 L <Turbo-Katalysator>	4	2.0		Control	0 258 003 957	0 258 986 502	100,000				
09.90 - 08.93	B 234 L <Turbo-Katalysator>	4	2.3	09.90 - 08.91	Control	0 258 003 957	0 258 986 502	100,000				
				09.91 - 08.93	Control	0 258 005 334	0 258 986 502	160,000				
09.92 - 12.98	B 202 S <Turbo-Katalysator>	4	2.0		Control	0 258 005 334	0 258 986 502	160,000				





◀ SAAB

09.93 - 12.98	B 234 I <Kat>	4	2.3	BFK	Control		<b>0 258 986 502</b>	160,000	
				09.93 - 08.94	BLK	Control	<b>0 258 003 441</b>	<b>0 258 986 504</b>	80,000
09.94 - 12.98	B 234 L <Kat>	4	2.3	09.94 - 12.98	BLK	Control	<b>0 258 003 504</b>	<b>0 258 986 502</b>	80,000
				09.93 - 08.94	BLK	Control	<b>0 258 003 258</b>	<b>0 258 986 504</b>	80,000
				09.93 - 08.95		Control	<b>0 258 005 334</b>	<b>0 258 986 502</b>	160,000
				09.94 - 08.95	BLK	Control	<b>0 258 003 503</b>	<b>0 258 986 502</b>	80,000
				09.95 - 12.98		Control	<b>0 258 986 601</b>	<b>0 258 986 505</b>	160,000
				10.95 - 12.98	BLK	Control	<b>0 258 986 601</b>	<b>0 258 986 505</b>	160,000
09.94 - 12.98	B 308 I <Kat>	6	3.0	BFK,front	Control	<b>0 258 003 505</b>	<b>0 258 986 502</b>	80,000	
				front	Control	<b>0 258 005 328</b>	<b>0 258 986 502</b>	160,000	

**SEAT**

**Cordoba**

<b>6K2</b>	09.93 - 04.96	2E	4	2.0	w/ cat	Control	<b>0 258 003 267</b>	<b>0 258 986 503</b>	100,000
					w/o cat	Control	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000
	07.94 - 12.02	ADZ	4	1.8	w/ cat	Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
					w/o cat	Control	<b>0 258 003 273</b>	<b>0 258 986 502</b>	80,000
	12.95 - 11.02	AFT	4	1.6		Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000
	03.97 - 12.98	AEE	4	1.6		Control	<b>0 258 003 542</b>	<b>0 258 986 505</b>	160,000

**Ibiza**

<b>6K1</b>	03.93 - 04.96	2E	4	2.0	w/ cat	Control	<b>0 258 003 267</b>	<b>0 258 986 503</b>	100,000	
					w/o cat	Control	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000	
	09.93 - 12.95	ABD	4	1.4	09.93 - 12.94	w/ cat	Control	<b>0 258 003 439</b>	<b>0 258 986 503</b>	100,000
						w/o cat	Control	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000
	12.95 - 12.97	AEX	4	1.4	01.95 - 12.95		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
					12.95 - 05.97		Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
		Chassis →6K..V..165 000	4	1.4	06.97 - 12.97		Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000
					06.97 - 12.97		Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000
	06.96 - 10.99	ABF	4	2.0			Control	<b>0 258 003 584</b>	<b>0 258 986 506</b>	160,000

**Toledo**

<b>1L2</b>	05.91 - 06.96	2E	4	2.0	w/o cat	Control	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000	
					05.91 - 02.94	w/ cat	Control	<b>0 258 003 181</b>	<b>0 258 986 502</b>	100,000
		Chassis →1L..ZD320 000	4	2.0	03.94 - 06.96	w/ cat	Control	<b>0 258 003 267</b>	<b>0 258 986 503</b>	100,000
					03.94 - 03.99	ABF	4	2.0	03.94 - 12.94	
		Chassis →1L..ZR020 000	4	2.0	01.95 - 03.99		Control	<b>0 258 003 584</b>	<b>0 258 986 506</b>	160,000
					01.95 - 03.99		Control	<b>0 258 003 584</b>	<b>0 258 986 506</b>	160,000
	03.96 - 03.99	AGG	4	2.0	w/ cat	Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000	
					w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000	

**SKODA**

**Octavia**

<b>1Z3</b>	10.05→	BWA	4	2.0		Control	<b>0 258 017 044</b>		250,000
						Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000

**Octavia Combi**

<b>1U5</b>	08.00→	AUM	4	1.8		Control	<b>0 258 007 057</b>		160,000
						Diagnosis	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000
<b>1Z5</b>	10.05→	BWA	4	2.0		Control	<b>0 258 017 044</b>		250,000
						Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000
	12.05→	BMM	4	2.0		Control	<b>0 281 004 042</b>		250,000

**Octavia 2.0 FSI**

<b>1Z3</b>	11.05→	BVY	4	2.0	LAB	Control	<b>0 258 017 012</b>		250,000
						Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
					RAB	Control	<b>0 258 017 010</b>		250,000
						Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000

**Octavia 2.0 FSI Combi**

<b>1Z5</b>	11.05→	BVY	4	2.0	LAB	Control	<b>0 258 017 012</b>		250,000
						Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
					RAB	Control	<b>0 258 017 010</b>		250,000
						Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000

**SMART (MCC)****FORFOUR**

01.04 - 06.07	135.930	4	1.3	Control	<b>0 258 006 566</b>	<b>0 258 986 602</b>	250,000
				Diagnosis	<b>0 258 006 568</b>		250,000
	135.950	4	1.5	Control	<b>0 258 006 566</b>	<b>0 258 986 602</b>	250,000
				Diagnosis	<b>0 258 006 568</b>		250,000
04.05 - 06.07	122.950	4	1.5	Control	<b>0 258 006 566</b>	<b>0 258 986 602</b>	250,000

**FORTWO**

02.04 - 03.07		3	0.7	Control	<b>0 258 006 563</b>		160,000
				Diagnosis	<b>0 258 006 563</b>		160,000

**Roadster**

04.03 - 11.05	160.922	3	0.7	Control	<b>0 258 006 563</b>		160,000
				Diagnosis	<b>0 258 006 563</b>		160,000

**Smart**

01.03 - 01.04		3	0.7	Control	<b>0 258 006 563</b>		160,000
				Diagnosis	<b>0 258 006 563</b>		160,000

**SSANGYONG****Musso**

<b>MJ</b>	01.96 - 12.05	M162 E32 <M 104.>	6	3.2	EOL,014	Control	<b>0 258 003 638</b>	<b>0 258 986 505</b>	160,000
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**SUBARU****Forester**

<b>SF</b>	01.97 - 07.98	EJ20J	4	2.0		Control	<b>0 258 986 502</b>		160,000
	03.98 - 05.02	EJ202	4	2.0	OKK	Control	<b>0 258 986 502</b>		160,000
					10.00 - 05.02	MKK	Diagnosis	<b>0 258 005 732</b>	160,000
		EJ205	4	2.0		Control	<b>0 258 986 502</b>		160,000
					03.98 - 05.00		Control	<b>0 258 986 502</b>	160,000
					06.00 - 08.00		Control	<b>0 258 986 502</b>	160,000
					09.00 - 07.01	M/T	Diagnosis	<b>0 258 986 507</b>	160,000
					09.00 - 05.02	A/T	Diagnosis	<b>0 258 986 507</b>	160,000
					08.01 - 05.02	M/T	Diagnosis	<b>0 258 986 507</b>	160,000
<b>SG</b>	06.02 - 05.05	EJ251	4	2.5	06.02 - 05.03	Ascertain in vehicle	Diagnosis	<b>0 258 005 732</b>	160,000
							<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000
			06.03 - 05.05		Diagnosis	<b>0 258 005 732</b>		160,000	
	04.03 - 11.07	EJ255	4	2.5		Diagnosis	<b>0 258 986 507</b>		160,000
	06.05 - 11.07	EJ255	4	2.5		Diagnosis	<b>0 258 986 507</b>		160,000

**Impreza**

	01.93 - 12.95	EJ16	4	1.6		Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000
		EJ18S	4	1.8		Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000
<b>GC,GF</b>	01.93 - 07.96	EJ18E	4	1.8		Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000
		10.93 - 09.00	EJ16E	4	1.6		Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>
<b>GC,GF</b>	08.95 - 07.98	EJ20E	4	2.0		Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000
		08.96 - 07.98	EJ16J	4	1.6		Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>
<b>GD,GG</b>	10.00 - 06.07	EJ201	4	2.0		Control	<b>0 258 986 502</b>		160,000
					Ascertain in vehicle	Control	<b>0 258 005 732</b>		160,000
					Diagnosis	<b>0 258 005 732</b>		160,000	



◀ SUBARU

<b>GD,GG</b>	07.01 - 05.05	EJ251	4	2.5	Control		<b>0 258 986 502</b>	160,000	
					Ascertain in vehicle	Diagnosis	<b>0 258 005 732</b>	160,000	
<b>Impreza WRX</b>									
<b>GC,GF</b>	08.98 - 09.00	EJ205	4	2.0	Control		<b>0 258 986 502</b>	160,000	
<b>GD,GG</b>	10.00 - 10.02	EJ205	4	2.0	Diagnosis		<b>0 258 986 507</b>	160,000	
<b>Liberty</b>									
<b>BC,BF,BJ</b>	01.89 - 12.93	EJ22	4	2.2	Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000	
<b>BD,BG</b>	01.94 - 05.97	EJ22E	4	2.2	Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000	
	06.96 - 11.98	EJ25D <4CAM>	4	2.5	Control		<b>0 258 986 502</b>	160,000	
<b>BE,BH</b>	10.98 - 06.03	EJ201	4	2.0	Control		<b>0 258 986 502</b>	160,000	
					07.00 - 06.03	Ascertain in vehicle	Diagnosis	<b>0 258 005 732</b>	160,000
		EJ251	4	2.5	10.98 - 06.00	Control	<b>0 258 986 502</b>	160,000	
					10.98 - 11.02	Diagnosis	<b>0 258 005 732</b>	160,000	
					12.02 - 06.03	Diagnosis	<b>0 258 005 732</b>	160,000	
<b>Outback</b>									
<b>BD,BG</b>	06.96 - 08.98	EJ25D <4CAM>	4	2.5	Control		<b>0 258 986 502</b>	160,000	
<b>BE,BH</b>	10.98 - 06.03	EJ251	4	2.5	10.98 - 06.00	Control	<b>0 258 986 502</b>	160,000	
					10.98 - 11.02	Diagnosis	<b>0 258 005 732</b>	160,000	
					12.02 - 06.03	Diagnosis	<b>0 258 005 732</b>	160,000	
<b>SVX</b>									
	09.92 - 12.96	EG33	6	3.3	Control	<b>F 00H L00 053</b>	<b>0 258 005 726</b>	160,000	
<b>Tribeca</b>									
<b>B9</b>	10.06→	EZ 30 H6	6	3.0	Diagnosis		<b>0 258 986 507</b>	160,000	
<b>Vortex</b>									
	01.86 - 12.89	EA82	4	1.8	Control		<b>0 258 986 501</b>	80,000	

**SUZUKI**

<b>Alto</b>									
<b>EF</b>	10.94 - 02.02	G10B	4	1.0	Control		<b>0 258 986 501</b>	80,000	
<b>Baleno</b>									
	05.95 - 11.01	G16B	4	1.6	Control	<b>0 258 005 701</b>	<b>0 258 986 504</b>	160,000	
	09.95 - 09.05	G18A	4	1.8	Control	<b>0 258 005 701</b>	<b>0 258 986 504</b>	160,000	
		Chassis *00140001→ *00200000	4	1.8	Control		<b>0 258 005 729</b>	160,000	
		Chassis *00200001→	4	1.8	Control		<b>0 258 986 507</b>	160,000	
		Chassis 00200001→	4	1.8	Diagnosis		<b>0 258 986 602</b>	160,000	
	08.96 - 08.06	G16B	4	1.6	Control		<b>0 258 986 501</b>	80,000	
		G18A							
		Chassis →00200000	4	1.8	Control		<b>0 258 005 729</b>	160,000	
		Chassis *00200001→	4	1.8	Control		<b>0 258 986 507</b>	160,000	
		Chassis 00200001→	4	1.8	Diagnosis		<b>0 258 986 602</b>	160,000	
<b>Carry</b>									
<b>FD</b>	03.99→	G13B	4	1.3	Control		<b>0 258 986 602</b>	160,000	
					Diagnosis		<b>0 258 986 507</b>	160,000	
<b>Grand Vitara</b>									
	03.98→	G16B							
		Chassis →00150000	4	1.6	Control		<b>0 258 986 602</b>	160,000	
		Chassis 00150001→	4	1.6	Control		<b>0 258 986 507</b>	160,000	
		J20A							
		Chassis *A52V00100001→ *A52V00150000	4	2.0	Control		<b>0 258 986 602</b>	160,000	
		Chassis *A52V00150001→	4	2.0	Control		<b>0 258 986 507</b>	160,000	
		Chassis *B52V00150001→	4	2.0	Control		<b>0 258 986 507</b>	160,000	
		Chassis *L52V00100001→ *L52V00150000	4	2.0	Control		<b>0 258 986 602</b>	160,000	





	10.00→	J20A	4	2.0		Control	0 258 986 507	160,000	
						Diagnosis	0 258 986 602	160,000	
	06.01→	H27A	6	2.7		Control	0 258 986 507	160,000	
						Diagnosis	0 258 986 602	160,000	
		Chassis →00200000	6	2.7		Diagnosis	0 258 986 507	160,000	
	10.02→	H27A	6	2.7		Control	0 258 986 507	160,000	
						Diagnosis	0 258 986 602	160,000	
<b>Ignis</b>									
	12.03 - 12.07	M15A	4	1.5		Control	0 258 986 507	160,000	
<b>Jimny</b>									
	10.98→	G13BB	4	1.3		Control	0 258 986 602	160,000	
	10.00→	M13A	4	1.3		Control	0 258 986 507	160,000	
<b>Liana</b>									
	03.01 - 12.04	M16A	4	1.6		Diagnosis	0 258 986 602	160,000	
		Chassis 00150001→	4	1.6		Control	0 258 986 507	160,000	
	04.02 - 12.07	M16A	4	1.6		Diagnosis	0 258 986 602	160,000	
		Chassis →00300000	4	1.6		Control	0 258 986 507	160,000	
		Chassis 00300001→	4	1.6		Control	0 258 986 602	160,000	
	04.05→	M18A	4	1.8		Control	0 258 986 507	160,000	
						Diagnosis	0 258 986 602	160,000	
<b>Swift</b>									
<b>EA</b>	01.89 - 09.95	G13B	4	1.3	03.89 - 09.95	Control	0 258 002 014	0 258 986 501	50,000
	09.91 - 04.95	G13B	4	1.3		Control	0 258 002 014	0 258 986 501	50,000
	09.91 - 09.95	G13B	4	1.3		Control	0 258 002 014	0 258 986 501	50,000
		G16B	4	1.6		Control	0 258 002 014	0 258 986 501	50,000
<b>MA</b>	06.96 - 03.01	G13BA							
		Chassis →*00250000	4	1.3		Control	0 258 002 014	0 258 986 501	50,000
		Chassis *00250001→	4	1.3		Control		0 258 986 602	160,000
<b>MZ/EZ</b>	11.04→	M15A	4	1.5		Control		0 258 986 507	160,000
						Diagnosis		0 258 986 602	160,000
<b>Vitara</b>									
<b>ET</b>	03.88 - 03.98	G16A	4	1.6	09.88 - 03.98	Control		0 258 986 501	80,000
	02.91 - 03.98	G16B	4	1.6		Control	0 258 002 014	0 258 986 501	50,000
	12.94 - 03.98	H20A	6	2.0	03.95 - 03.98	Control		0 258 005 729	160,000
		H25A	6	2.5	03.95 - 03.98	Control		0 258 005 729	160,000
<b>Wagon R Wide</b>									
	02.97 - 06.99	K10A	4	1.0		Control		0 258 986 507	160,000
<b>X90</b>									
	09.95→	G16B	4	1.6		Control	0 258 003 936	0 258 986 502	100,000

**TOYOTA**

<b>Avalon</b>									
<b>MCX10R</b>	04.00 - 12.02	1MZFE	6	3.0		Control	0 258 986 606	0 258 986 602	250,000
						Diagnosis	0 258 986 606	0 258 986 602	250,000
	01.03 - 06.05	1MZFE	6	3.0		Control	0 258 986 606	0 258 986 602	250,000
						Diagnosis	0 258 986 606	0 258 986 602	250,000
<b>Camry / Vienta</b>									
<b>SV11</b>	03.83 - 10.86	2SEL	4	2.0		Control	0 258 002 051	0 258 002 031	50,000
		2SELC	4	2.0		Control	0 258 002 051	0 258 002 031	50,000
<b>SV20</b>	01.87 - 06.89	1SE	4	1.8		Control	0 258 002 051	0 258 002 031	50,000
<b>VZV21</b>	06.88 - 02.93	2VZFE	6	2.5		Control	0 258 005 711	0 258 005 728	160,000
<b>SV22</b>	07.89 - 06.91	3SFC	4	2.0		Control	0 258 002 051	0 258 002 031	50,000
<b>XV10</b>	02.93 - 03.94	5SFE	4	2.2		Control		0 258 002 031	50,000
		3VZFE	6	3.0		Control	0 258 002 051	0 258 002 031	50,000
<b>SDV10</b>	04.94 - 06.95	5SFE	4	2.2		Control		0 258 002 031	50,000
<b>VDV10</b>	04.94 - 06.95	3VZFE	6	3.0		Control	0 258 002 051	0 258 002 031	50,000
<b>VCV10R</b>	07.95 - 06.97	3VZFE	6	3.0		Control	0 258 002 051	0 258 002 031	50,000
<b>SXV10R</b>	07.95 - 04.98	5SFE	4	2.2		Control		0 258 002 031	50,000
<b>MCV20R</b>	07.97 - 08.02	1MZFE	6	3.0		Control	0 258 002 051	0 258 002 031	50,000
							0 258 986 606	0 258 986 602	250,000
<b>SXV20R</b>	05.98 - 02.02	5SFE	4	2.2		Control		0 258 002 031	50,000



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<b>MCV36R</b>	09.02 - 06.06	1M2FE	6	3.0		Control	<b>0 258 986 606</b>	<b>0 258 986 602</b>	250,000
<b>Celica</b>									
<b>RA65</b>	08.84 - 07.85	22REC	4	2.4		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
	08.84 - 12.85	22REC	4	2.4		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>ST162</b>	08.85 - 08.89	3SGEL	4	2.0		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
		3SGELC	4	2.0		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
	08.86 - 08.89	3SFE	4	2.0		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>ST184</b>	10.89 - 11.93	5SFE	4	2.2		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>ST185</b>	10.89 - 11.93	3SGTE	4	2.0	10.89 - 10.93	Control		<b>0 258 005 728</b>	160,000
<b>ST204</b>	11.93 - 08.99	5SFE	4	2.2		Control		<b>0 258 002 031</b>	50,000
<b>ST205</b>	02.94 - 08.99	3SGTE	4	2.0		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>ZZT231</b>	08.00 - 09.05	2ZZGE	4	1.8		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000
<b>Corolla</b>									
	01.70 - 10.78	3K	4	1.2		XEV Control		<b>0 258 986 602</b>	160,000
						XEW Control		<b>0 258 986 602</b>	160,000
<b>AE82</b>	01.86 - 12.88	4AGE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE92</b>	05.87 - 06.91	4AGE	4	1.6		Control		<b>0 258 002 031</b>	50,000
	01.88 - 04.92	4AFE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE93</b>	08.89 - 05.91	4AGE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE94</b>	01.91 - 12.92	4AFE	4	1.8		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE93</b>	06.91 - 08.92	4AGE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE92</b>	07.91 - 06.94	4AFE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE94</b>	07.91 - 06.94	4AFE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE96</b>	10.92 - 06.94	7AFE	4	1.8		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>AE101</b>	07.94 - 08.98	4AFE	4	1.6		Control	<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>AE102</b>	07.94 - 12.99	7AFE	4	1.8		Control	<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>AE101</b>	09.94 - 04.97	4AFE	4	1.6		Control	<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>AE102</b>	09.94 - 08.97	7AFE	4	1.8		Control		<b>0 258 986 617</b>	160,000
							<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>AE112R</b>	10.99 - 09.01	7AFE	4	1.8		Control		<b>0 258 986 617</b>	160,000
	10.99 - 10.01	7AFE	4	1.8		Control		<b>0 258 986 617</b>	160,000
<b>ZZE122</b>	08.00 - 10.06	1ZZFE	4	1.8	08.00 - 09.02	Control		<b>0 258 986 602</b>	160,000
					10.02 - 10.06	Control		<b>0 258 986 507</b>	160,000
<b>ZZE122G</b>	08.00 - 10.06	1ZZFE	4	1.8	08.00 - 09.02	Control		<b>0 258 986 602</b>	160,000
					10.02 - 10.06	Control		<b>0 258 986 507</b>	160,000
<b>ZZE122</b>	08.00→	1ZZFE <VIN-R>	4	1.8		Diagnosis		<b>0 258 986 602</b>	160,000
					08.00 - 10.05	Control		<b>0 258 986 602</b>	160,000
					11.05→	Control		<b>0 258 986 602</b>	160,000
	09.02 - 10.06	1ZZFE	4	1.8		Control		<b>0 258 986 507</b>	160,000
<b>Corolla 4WD</b>									
<b>AE95</b>	02.88 - 07.95	4AFE	4	1.6		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>Cressida</b>									
<b>MX73</b>	11.85 - 08.88	5MGE	6	2.8		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>MX83</b>	08.88 - 02.93	7MGE	6	3.0		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>Crown</b>									
<b>MS123</b>	09.85 - 08.87	5MGE	6	2.8		Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>Echo</b>									
<b>NCP10</b>	08.99 - 12.02	2NZFE	4	1.3		Control		<b>0 258 986 602</b>	160,000
						Diagnosis		<b>0 258 986 602</b>	160,000
<b>NCP12</b>	08.99→	1NZFE	4	1.5		Diagnosis		<b>0 258 986 602</b>	160,000
					08.99 - 08.02	Control		<b>0 258 986 602</b>	160,000
					09.02→	Control		<b>0 258 986 507</b>	160,000
<b>NCP10</b>	09.99 - 02.05	2NZFE	4	1.3	09.99 - 01.05	Control		<b>0 258 986 602</b>	160,000
<b>NCP13</b>	06.03→	1NZFE	4	1.5		Control		<b>0 258 986 602</b>	160,000
<b>Hiace</b>									
<b>RZH113</b>	08.89 - 02.05	2RZE	4	2.4	08.89 - 05.92	Control	<b>0 258 005 711</b>	<b>0 258 005 728</b>	160,000
					06.92 - 07.95	Control		<b>0 258 005 728</b>	160,000
<b>RZH103</b>	08.93 - 02.05	2RZE	4	2.4	08.93 - 07.95	Control		<b>0 258 005 728</b>	160,000
<b>RCH22</b>	03.97 - 12.03	2RZE	4	2.4	03.97 - 04.98	Control		<b>0 258 986 617</b>	160,000
<b>Hiace Commuter</b>									
<b>RZH125B</b>	08.98 - 07.03	2RZE	4	2.4		Control		<b>0 258 005 728</b>	160,000



Hilux										
<b>RN110</b>	08.88 - 08.97	22RE	4	2.4	08.88 - 08.91		Control	<b>0 258 005 711</b>	<b>0 258 005 728</b>	160,000
					09.91 - 08.97		Control	<b>0 258 005 704</b>	<b>0 258 005 728</b>	160,000
<b>VZN130</b>	08.89 - 11.95	3VZE	6	3.0	08.89 - 08.91		Control	<b>0 258 005 711</b>	<b>0 258 005 728</b>	160,000
					09.91 - 11.95		Control	<b>0 258 005 704</b>	<b>0 258 005 728</b>	160,000
<b>VZN210W</b>	11.02 - 08.05	5VZFE	6	3.4			Control		<b>0 258 986 602</b>	160,000
Land Cruiser										
<b>FJ80</b>	01.90 - 08.92	3FE	6	4.0			Control	<b>0 258 005 711</b>	<b>0 258 005 728</b>	160,000
<b>FZJ80</b>	08.92 - 01.98	1FZFE	6	4.5			Control		<b>0 258 986 617</b>	160,000
<b>UZJ100W</b>	01.98 - 07.07	2UZFE	8	4.7	01.98 - 06.05	2 req.	Control		<b>0 258 986 602</b>	160,000
					01.98 - 05.06	2 req.	Diagnosis		<b>0 258 986 617</b>	160,000
<b>UZJ100</b>	01.98→	2UZFE	8	4.7		front	Control		<b>0 258 986 602</b>	160,000
						HI	Control		<b>0 258 986 617</b>	160,000
<b>GRJ120</b>	01.03→	1GRFE	6	4.0	01.03 - 08.04		Control		<b>0 258 986 507</b>	160,000
							LAB	Diagnosis	<b>0 258 986 507</b>	160,000
							RAB	Diagnosis	<b>0 258 986 602</b>	160,000
					09.04 - 08.06		LAB	Diagnosis	<b>0 258 986 602</b>	160,000
							RAB	Diagnosis	<b>0 258 986 602</b>	160,000
					09.06→		LAB	Diagnosis	<b>0 258 986 602</b>	160,000
							RAB	Diagnosis	<b>0 258 986 602</b>	160,000
Land Cruiser Prado										
<b>RZJ90W/ RZJ95W</b>	04.96 - 09.02	3RZFE	4	2.7			Control		<b>0 258 986 617</b>	160,000
<b>VZJ90W/ VZJ95W</b>	04.96 - 09.02	5VZFE	6	3.4		A/T	Control		<b>0 258 986 617</b>	160,000
		Org. E-VZJ90W, Org. GF-VZJ90W	6	3.4		M/T	Control		<b>0 258 986 617</b>	160,000
<b>VZJ90/95</b>	04.96 - 01.03	5VZFE	6	3.4			Control		<b>0 258 986 617</b>	160,000
<b>RZJ90/95</b>	10.96 - 08.04	3RZFE	4	2.7		A/T	Control		<b>0 258 986 617</b>	160,000
						M/T	Control		<b>0 258 986 617</b>	160,000
<b>VZJ120W/ VZJ121W/ VZJ125W</b>	09.02 - 01.03	5VZFE	6	3.4			Control		<b>0 258 986 602</b>	160,000
<b>RZJ120W/ RZJ125W</b>	09.02 - 08.04	3RZFE	4	2.7			Control		<b>0 258 986 602</b>	160,000
	11.03→	1GRFE	6	4.0			Control		<b>0 258 986 602</b>	160,000
Lexcen										
<b>VN19, VN35</b>	06.89 - 08.91	VH	6	3.8			Control	<b>0 258 002 014</b>	<b>0 258 986 501</b>	50,000
<b>VP19, VP35</b>	09.91 - 05.93	VH	6	3.8			Control	<b>0 258 002 028</b>		50,000
<b>VR19, VR35</b>	06.93 - 04.95	VH	6	3.8			Control		<b>0 258 986 507</b>	160,000
<b>VS19, VS35</b>	05.95 - 04.97	VH	6	3.8	05.95 - 06.95		Control	<b>0 258 986 001</b>		160,000
					07.95 - 04.97		Control	<b>0 258 005 703</b>	<b>0 258 005 732</b>	160,000
Liteace										
<b>YM30G</b>	09.85 - 01.92	2YU	4	1.8			Control		<b>0 258 002 031</b>	50,000
<b>YM40G</b>	10.85 - 01.92	3YU	4	2.0			Control		<b>0 258 002 031</b>	50,000
Mark II										
<b>GX110</b>	10.00 - 11.04	1GFE	6	2.0		2 req.	Control		<b>0 258 986 602</b>	160,000
MR-S										
<b>ZZW30</b>	10.99 - 07.07	1ZZFE	4	1.8		2 req.	Control		<b>0 258 986 602</b>	160,000
MR2										
<b>AW11</b>	08.87 - 12.89	4AGELC	4	1.6			Control	<b>0 258 005 711</b>	<b>0 258 005 728</b>	160,000
<b>SW20</b>	12.89 - 08.99	3SGE	4	2.0	11.93 - 06.96		Control	<b>0 258 005 955</b>	<b>0 258 986 502</b>	160,000
<b>ZZW30</b>	12.99 - 08.02	1ZZFE	4	1.8			Control	<b>0 258 986 606</b>	<b>0 258 986 602</b>	250,000
	12.99 - 09.05	1ZZFE	4	1.8			Control		<b>0 258 986 602</b>	160,000
							Diagnosis		<b>0 258 986 602</b>	160,000
Paseo										
<b>EL44</b>	04.91 - 08.95	5EFE	4	1.5			Control	<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>EL54R</b>	08.95 - 07.99	5EFE	4	1.5			Control	<b>0 258 986 606</b>	<b>0 258 986 602</b>	250,000
Prius										
<b>NHW11</b>	05.00 - 08.03	1NZFXE	4	1.5		front	Control	<b>0 258 986 606</b>	<b>0 258 986 602</b>	250,000
						HI	Diagnosis		<b>0 258 986 602</b>	160,000
<b>NHW20</b>	08.03→	1NZFXE	4	1.5			Diagnosis		<b>0 258 986 602</b>	160,000
RAV4										
<b>SXA 10/11</b>	04.94 - 08.00	3SFE	4	2.0	09.96 - 08.00		Control	<b>0 258 986 618</b>	<b>0 258 986 602</b>	160,000



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<b>ACA 20/21</b>	05.00 - 07.03	1AZFE	4	2.0		LAB RAB	Control Control	<b>0 258 986 687</b> <b>F 00E 260 820</b>	<b>0 258 986 602</b>	160,000
<b>ACA 22/23</b>	07.03 - 01.06	2AZFE	4	2.4			Diagnosis		<b>0 258 986 602</b>	160,000
<b>ACA33/38</b>	11.05→	2AZFE	4	2.4			Diagnosis	<b>0 258 986 618</b>		
<b>Spacia</b>										
<b>YR22</b>	10.93 - 08.96	4YEC	4	2.2			Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>Sprinter</b>										
<b>AE102</b>	11.92 - 05.95	7AFE	4	1.8			Control		<b>0 258 986 617</b>	160,000
								<b>0 258 002 201</b>	<b>0 258 002 210</b>	50,000
<b>Starlet</b>										
<b>EP82</b>	12.89 - 01.96	4EFTE	4	1.3			Control		<b>0 258 986 501</b>	80,000
<b>EP91</b>	01.96 - 07.99	4EFE	4	1.3			Control		<b>0 258 986 602</b>	160,000
		4EFTE	4	1.3			Control		<b>0 258 986 501</b>	80,000
<b>Supra</b>										
	01.86 - 08.88	7MGE <MA70>	6	3.0			Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
	08.88 - 12.90	7MGE <MA70>	6	3.0			Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>MA70</b>	08.88 - 04.93	7MGTE	6	3.0			Control		<b>0 258 002 031</b>	50,000
<b>JZA80</b>	05.93 - 01.96	2JZGTE	6	3.0			Control		<b>0 258 986 617</b>	160,000
<b>Tarago</b>										
<b>YR31</b>	01.86 - 04.90	4YEC	4	2.2			Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>TCR10R</b>	05.90 - 12.00	2TZFE	4	2.4	05.90 - 01.94		Control	<b>0 258 005 704</b>	<b>0 258 005 728</b>	160,000
					02.94 - 12.00		Control		<b>0 258 005 731</b>	160,000
<b>Tercel</b>										
<b>AL25</b>	10.82 - 01.88	3AC	4	1.5			Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
<b>Yaris</b>										
<b>NCP93</b>	01.06→	1NZFE	4	1.5			Control		<b>0 258 986 602</b>	160,000
<b>4-Runner</b>										
	08.89 - 12.90	4YE	4	2.2			Control	<b>0 258 002 051</b>	<b>0 258 002 031</b>	50,000
	01.90 - 11.95	3VZE	6	3.0			Control		<b>0 258 005 728</b>	160,000

**VOLVO**

<b>C30</b>										
	10.06 - 07.07	B5254T3	5	2.5			Control	<b>0 258 007 332</b>		250,000
							Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
	10.06→	D5244T..	5	2.4			Control	<b>0 258 017 107</b>		250,000
<b>C70</b>										
	09.97 - 07.02	B5234T3	5	2.3	09.97 - 07.98		Diagnosis	<b>0 258 005 063</b>	<b>0 258 986 505</b>	160,000
						BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000
						BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000
					08.98 - 07.99		Control	<b>0 258 007 038</b>		160,000
					08.98 - 07.02		Diagnosis	<b>0 258 006 197</b>	<b>0 258 986 615</b>	160,000
					08.99 - 07.02		Control	<b>0 258 007 070</b>		160,000
	03.99 - 07.00	B5244S	5	2.4			Diagnosis		<b>0 258 986 507</b>	160,000
	08.99 - 07.02	B5244T	5	2.4			Control	<b>0 258 007 070</b>		160,000
							Diagnosis	<b>0 258 006 197</b>	<b>0 258 986 615</b>	160,000
	08.02 - 03.06	B5234T9	5	2.3			Control	<b>0 258 007 187</b>		250,000
							Diagnosis	<b>0 258 006 522</b>	<b>0 258 986 602</b>	250,000
<b>C70 II</b>										
	03.06 - 07.07	B5254T3	5	2.5			Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
					03.06 - 07.06		Control	<b>0 258 007 239</b>		250,000
					08.06 - 07.07		Control	<b>0 258 007 332</b>		250,000
<b>S40</b>										
	09.95 - 07.99	B4204S	4	2.0			Control		<b>0 258 986 507</b>	160,000
	08.00 - 01.04	B4204T5	4	1.9			Control	<b>0 258 006 381</b>	<b>0 258 986 602</b>	160,000
		Chassis →773028	4	1.9			Diagnosis	<b>0 258 006 380</b>	<b>0 258 986 602</b>	160,000
		Chassis 773029→	4	1.9	08.01 - 01.04		Diagnosis	<b>0 258 006 464</b>	<b>0 258 986 602</b>	160,000
	08.01 - 01.04	B4204T3	4	1.9			Control	<b>0 258 006 381</b>	<b>0 258 986 602</b>	160,000
		Chassis →773028	4	1.9			Diagnosis	<b>0 258 006 380</b>	<b>0 258 986 602</b>	160,000
		Chassis 773029→	4	1.9			Diagnosis	<b>0 258 006 464</b>	<b>0 258 986 602</b>	160,000



P 11	12.03 - 07.07	B5254T3	5	2.5		Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000			
					12.03 - 07.06	Control	<b>0 258 007 239</b>		250,000			
					08.06 - 07.07	Control	<b>0 258 007 332</b>		250,000			
04.04 - 07.07	B5254T3	5	2.5		Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000				
				04.04 - 07.06	Control	<b>0 258 007 239</b>		250,000				
				08.06 - 07.07	Control	<b>0 258 007 332</b>		250,000				
03.06→	D5244T8	5	2.4		Control	<b>0 258 017 107</b>		250,000				
<b>S60</b>												
P 24	11.00 - 07.03	B5244T3	5	2.4	11.00 - 07.01	Control	<b>0 258 007 070</b>		160,000			
						Diagnosis	<b>0 258 006 199</b>	<b>0 258 986 615</b>	160,000			
					08.01 - 07.03	Control	<b>0 258 007 137</b>		250,000			
						Diagnosis	<b>0 258 006 446</b>	<b>0 258 986 602</b>	250,000			
11.00 - 03.04	B5234T3	5	2.3	11.00 - 07.01	Control	<b>0 258 007 070</b>		160,000				
					Diagnosis	<b>0 258 006 199</b>	<b>0 258 986 615</b>	160,000				
				08.01 - 03.04	Control	<b>0 258 007 137</b>		250,000				
					Diagnosis	<b>0 258 006 446</b>	<b>0 258 986 602</b>	250,000				
11.00→	B5244S	5	2.4	11.00 - 07.01	Diagnosis		<b>0 258 986 507</b>	160,000				
				08.01 - 07.02	Diagnosis		<b>0 258 986 602</b>	160,000				
				08.02 - 07.04	Diagnosis		<b>0 258 986 602</b>	160,000				
03.03 - 07.07	B5254T4	5	2.5		Control	<b>0 258 007 137</b>		250,000				
				03.03 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000				
				08.04 - 07.07	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000				
04.04→	B5254T2	5	2.5		Control	<b>0 258 007 137</b>		250,000				
				04.04 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000				
				08.04→	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000				
<b>S70</b>												
01.97 - 07.99	B5254S	5	2.4	01.97 - 07.98	Diagnosis	<b>0 258 005 062</b>	<b>0 258 986 505</b>	160,000				
					BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000			
					BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000			
								08.98 - 07.99	Diagnosis		<b>0 258 986 507</b>	160,000
				B5254T	5	2.4	01.97 - 07.98	Diagnosis	<b>0 258 005 063</b>	<b>0 258 986 505</b>	160,000	
								BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000
								BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000
								08.98 - 07.99	Control	<b>0 258 007 038</b>		160,000
									Diagnosis	<b>0 258 006 197</b>	<b>0 258 986 615</b>	160,000
				01.97 - 07.00	B5234T3	5	2.3	01.97 - 07.98	Diagnosis	<b>0 258 005 063</b>	<b>0 258 986 505</b>	160,000
BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>						160,000			
BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>						160,000			
	Control	<b>0 258 007 038</b>							160,000			
	Diagnosis	<b>0 258 006 197</b>	<b>0 258 986 615</b>						160,000			
				08.99 - 07.00	Control	<b>0 258 007 070</b>		160,000				
08.99 - 07.00	B5244S2	5	2.4		Diagnosis		<b>0 258 986 507</b>	160,000				
<b>S80</b>												
P 23	06.98 - 07.99	B6304S3	6	2.9		Control	<b>0 258 007 036</b>		160,000			
						Diagnosis	<b>0 258 006 427</b>	<b>0 258 986 602</b>	160,000			
06.98 - 07.01	B6284T	6	2.8		Control	<b>0 258 007 036</b>		160,000				
					Diagnosis	<b>0 258 006 427</b>	<b>0 258 986 602</b>	160,000				
08.01 - 07.06	B6294T	6	2.9	08.01 - 07.02	LAB	Control	<b>0 258 007 135</b>		250,000			
					LAB	Diagnosis	<b>0 258 006 447</b>	<b>0 258 986 602</b>	250,000			
					RAB	Control	<b>0 258 007 136</b>		250,000			
				08.02 - 07.06	LAB	Diagnosis	<b>0 258 006 448</b>	<b>0 258 986 602</b>	250,000			
					LAB	Diagnosis	<b>0 258 006 524</b>	<b>0 258 986 602</b>	250,000			
					RAB	Control	<b>0 258 007 188</b>		250,000			
				Diagnosis	<b>0 258 006 523</b>	<b>0 258 986 602</b>	250,000					
08.03 - 07.06	B5254T2	5	2.5		Control	<b>0 258 007 137</b>		250,000				
				08.03 - 07.04	Diagnosis	<b>0 258 006 446</b>	<b>0 258 986 602</b>	250,000				
				08.04 - 07.06	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000				
<b>S80 II</b>												
03.06→	D5244T4	5	2.4		Control	<b>0 258 017 107</b>		250,000				
<b>S90</b>												
01.97 - 05.98	B6304S	6	2.9		Control	<b>0 258 005 098</b>	<b>0 258 986 505</b>	160,000				
					Diagnosis	<b>0 258 005 099</b>	<b>0 258 986 505</b>	160,000				





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V40									
	01.96 - 07.99	B4204S	4	2.0		Control		<b>0 258 986 507</b>	160,000
	08.01 - 04.04	B4204T3	4	1.9		Control	<b>0 258 006 381</b>	<b>0 258 986 602</b>	160,000
		Chassis →773028	4	1.9		Diagnosis	<b>0 258 006 380</b>	<b>0 258 986 602</b>	160,000
		Chassis 773029→	4	1.9		Diagnosis	<b>0 258 006 464</b>	<b>0 258 986 602</b>	160,000
V50									
P 12									
	04.04 - 07.07	B5254T3	5	2.5		Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
					04.04 - 07.06	Control	<b>0 258 007 239</b>		250,000
					08.06 - 07.07	Control	<b>0 258 007 332</b>		250,000
	04.06→	D5244T8	5	2.4		Control	<b>0 258 017 107</b>		250,000
V70									
	01.97 - 03.00	B5234T3	5	2.3	01.97 - 07.98	Diagnosis	<b>0 258 005 063</b>	<b>0 258 986 505</b>	160,000
					BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000
					BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000
					08.98 - 07.99	Control	<b>0 258 007 038</b>		160,000
					08.98 - 03.00	Diagnosis	<b>0 258 006 197</b>	<b>0 258 986 615</b>	160,000
					08.99 - 03.00	Control	<b>0 258 007 070</b>		160,000
		B5254S	5	2.4	01.97 - 07.98	Diagnosis	<b>0 258 005 062</b>	<b>0 258 986 505</b>	160,000
					BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000
					08.98 - 03.00	Diagnosis	<b>0 258 986 507</b>		160,000
		B5254T	5	2.4	01.97 - 07.98	Diagnosis	<b>0 258 005 063</b>	<b>0 258 986 505</b>	160,000
					BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000
					BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000
					08.98 - 07.99	Control	<b>0 258 007 038</b>		160,000
					08.98 - 03.00	Diagnosis	<b>0 258 006 197</b>	<b>0 258 986 615</b>	160,000
					08.99 - 03.00	Control	<b>0 258 007 070</b>		160,000
	03.00 - 07.03	B5244T3	5	2.4	03.00 - 07.01	Control	<b>0 258 007 070</b>		160,000
					Diagnosis	<b>0 258 006 199</b>	<b>0 258 986 615</b>		160,000
					08.01 - 07.03	Control	<b>0 258 007 137</b>		250,000
					Diagnosis	<b>0 258 006 446</b>	<b>0 258 986 602</b>		250,000
	03.00 - 07.04	B5234T3	5	2.3	03.00 - 07.01	Control	<b>0 258 007 070</b>		160,000
					Diagnosis	<b>0 258 006 199</b>	<b>0 258 986 615</b>		160,000
					08.01 - 07.04	Control	<b>0 258 007 137</b>		250,000
					Diagnosis	<b>0 258 006 446</b>	<b>0 258 986 602</b>		250,000
	03.00 - 07.07	B5244S	5	2.4	03.00 - 07.01	Diagnosis	<b>0 258 986 507</b>		160,000
					08.01 - 07.02	Diagnosis	<b>0 258 986 602</b>		160,000
					08.02 - 07.04	Diagnosis	<b>0 258 986 602</b>		160,000
	03.03 - 07.07	B5254T4	5	2.5		Control	<b>0 258 007 137</b>		250,000
					03.03 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000
					08.04 - 07.07	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
	04.04 - 07.07	B5254T2	5	2.5		Control	<b>0 258 007 137</b>		250,000
					04.04 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000
					08.04 - 07.07	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
V90									
	01.97 - 07.98		6	2.9		Control	<b>0 258 005 098</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 005 099</b>	<b>0 258 986 505</b>	160,000
		B6304S	6	2.9		Control	<b>0 258 005 098</b>	<b>0 258 986 505</b>	160,000
						Diagnosis	<b>0 258 005 099</b>	<b>0 258 986 505</b>	160,000
XC70									
	08.02 - 07.07	B5254T2	5	2.5		Control	<b>0 258 007 137</b>		250,000
					08.02 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000
					08.04 - 07.07	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
	08.04 - 07.07	B5244T4	5	2.4		Control	<b>0 258 007 137</b>		250,000
						Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
XC70 II D5									
	08.07→	D5244T4	5	2.4		Control	<b>0 258 017 107</b>		250,000
XC90									
	01.03 - 07.06	B5254T2	5	2.5		Control	<b>0 258 007 137</b>		250,000
					01.03 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000
					08.04 - 07.06	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
		B6294T	6	2.9		Diagnosis	<b>0 258 006 541</b>	<b>0 258 986 602</b>	250,000
					LAB	Control	<b>0 258 007 135</b>		250,000
					RAB	Control	<b>0 258 007 188</b>		250,000



01.03→	B5254T2	5	2.5		Control	<b>0 258 007 137</b>		250,000
				01.03 - 07.04	Diagnosis	<b>0 258 006 488</b>	<b>0 258 986 602</b>	250,000
				08.04→	Diagnosis	<b>0 258 006 682</b>	<b>0 258 986 602</b>	250,000
<b>XC90 D5</b>								
05.05→	D5244T4	5	2.4		Control	<b>0 258 017 043</b>		250,000
<b>240 Series</b>								
03.86 - 07.88	B230F Kat.							
	Chassis →334099	4	2.3	Sedan	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis →808999	4	2.3	Station wagon	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis 334100→	4	2.3	Sedan	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
	Chassis 809000→	4	2.3	Station wagon	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
08.88 - 12.91	B230F Kat.							
	Chassis →334099	4	2.3	Sedan	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis →808999	4	2.3	Station wagon	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis 334100→	4	2.3	Sedan	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
	Chassis 809000→	4	2.3	Station wagon	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
08.92 - 07.93	B230F							
	Chassis →334099	4	2.3	Sedan	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis →808999	4	2.3	Station wagon	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis 334100→	4	2.3	Sedan	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
	Chassis 809000→	4	2.3	Station wagon	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
<b>440</b>								
10.93 - 12.96	B20F Kat.							
	Chassis →603473	4	2.0		Control	<b>0 258 003 060</b>	<b>0 258 986 502</b>	100,000
	Chassis 603474→	4	2.0		Control	<b>0 258 003 060</b>	<b>0 258 986 502</b>	100,000
<b>740</b>								
08.84 - 07.89	B230ET	4	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
08.84 - 07.91	B230FT Kat.	4	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
08.84 - 07.92	B230F Kat.							
	Chassis →176799	4	2.3	Station wagon	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis →294099	4	2.3	Sedan	Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
	Chassis 176800→	4	2.3	Station wagon	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
	Chassis 294100→	4	2.3	Sedan	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
04.88 - 07.90	B234F Kat.	4	2.3		Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
08.89 - 07.91	B230FT Kat.	4	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
<b>760</b>								
01.86 - 04.86	B28F Kat.	6	2.8		Control		<b>0 258 986 501</b>	80,000
05.86 - 11.90	B280F Kat.	6	2.8	05.86 - 10.86	Control	<b>0 258 003 034</b>	<b>0 258 986 502</b>	100,000
				11.86 - 11.90	Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
<b>760 Turbo</b>								
08.84 - 12.85	B230ET	4	2.3		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
<b>850</b>								
09.91 - 07.97	B5254S Kat.	5	2.5		Diagnosis	<b>0 258 005 062</b>	<b>0 258 986 505</b>	160,000
				09.91 - 07.96	BHK	Control	<b>0 258 003 403</b>	<b>0 258 986 503</b>
				08.96 - 07.97	BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>
	Chassis →70018	5	2.5	09.91 - 07.96	BFK	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b>
	Chassis 70019→	5	2.5	09.91 - 07.96	BFK	Control	<b>0 258 003 373</b>	<b>0 258 986 506</b>
09.93 - 07.96	B5234FT Kat.	5	2.3		BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>
				09.94 - 07.96	BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>
08.95 - 07.97	B5234T4 Kat.	5	2.3		BFK	Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>
					BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>



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09.95 - 07.97	B5254S Kat.	5	2.5		Diagnosis	<b>0 258 005 062</b>	<b>0 258 986 505</b>	160,000	
09.95 - 07.96	BHK				Control	<b>0 258 003 403</b>	<b>0 258 986 503</b>	80,000	
08.96 - 07.97	BFK				Control	<b>0 258 005 097</b>	<b>0 258 986 505</b>	160,000	
	BHK				Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000	
	Chassis →70018	5	2.5	09.95 - 07.96	BFK	Control	<b>0 258 003 222</b>	<b>0 258 986 506</b>	160,000
	Chassis 70019→	5	2.5	09.95 - 07.96	BFK	Control	<b>0 258 003 373</b>	<b>0 258 986 506</b>	100,000
09.96 - 07.97	B5254T Kat.	5	2.5		Diagnosis	<b>0 258 005 063</b>	<b>0 258 986 505</b>	160,000	
					BFK	Control	<b>0 258 003 517</b>	<b>0 258 986 503</b>	160,000
					BLK	Control	<b>0 258 003 626</b>	<b>0 258 986 505</b>	160,000
<b>940</b>									
12.90 - 07.92	B234F Kat.	4	2.3		Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000	
12.90 - 12.93	B230FT Kat.	4	2.3	12.90 - 08.93		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000
				09.93 - 12.93	AGR	Control	<b>0 258 003 376</b>	<b>0 258 986 502</b>	160,000
					OAR	Control	<b>0 258 003 381</b>	<b>0 258 986 502</b>	100,000
06.91 - 07.95	B230F Kat.	4	2.3	06.91 - 08.93		Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000
				09.93 - 07.95		Control	<b>0 258 003 380</b>	<b>0 258 986 504</b>	100,000
05.95 - 12.96	B230FK Kat.	4	2.3	05.95 - 08.96		Control	<b>0 258 003 381</b>	<b>0 258 986 502</b>	100,000
				09.96 - 12.96		Control	<b>0 258 003 376</b>	<b>0 258 986 502</b>	160,000
<b>960</b>									
09.90 - 07.91	B280F Kat.	6	2.8		Control	<b>0 258 003 034</b>	<b>0 258 986 504</b>	100,000	
12.91 - 02.97	B6304FS Kat.	6	3.0		Diagnosis	<b>0 258 005 099</b>	<b>0 258 986 505</b>	160,000	
				12.91 - 08.94		Control	<b>0 258 003 119</b>	<b>0 258 986 504</b>	100,000
				09.94 - 02.97		Control	<b>0 258 005 098</b>	<b>0 258 986 505</b>	160,000

**VW (VOLKSWAGEN)**

<b>Bora</b>										
<b>1J2</b>	09.98 - 02.01	AGZ	5	2.3		Control	<b>0 258 005 081</b>	<b>0 258 986 505</b>	160,000	
	09.98 - 05.05	APK	4	2.0		Control	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000	
						Diagnosis	<b>0 258 006 237</b>	<b>0 258 986 615</b>	160,000	
	01.99 - 02.01	AGZ	5	2.3		Control	<b>0 258 005 221</b>	<b>0 258 986 505</b>	160,000	
	01.00 - 04.01	AUE	6	2.8		LAB	Control	<b>0 258 007 351</b>		
						Diagnosis	<b>0 258 006 302</b>	<b>0 258 986 602</b>	160,000	
						RAB	Control	<b>0 258 007 073</b>	160,000	
						Diagnosis	<b>0 258 006 300</b>	<b>0 258 986 602</b>	160,000	
<b>1J6</b>	05.00 - 02.01	AGZ	5	2.3		Control	<b>0 258 005 221</b>	<b>0 258 986 505</b>	160,000	
<b>1J2</b>	09.00 - 05.05	AQN	5	2.3		LAB	Diagnosis	<b>0 258 006 302</b>	<b>0 258 986 602</b>	160,000
						RAB	Diagnosis	<b>0 258 006 300</b>	<b>0 258 986 602</b>	160,000
				09.00 - 04.01		Control	<b>0 258 007 057</b>		160,000	
						Diagnosis	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000	
						LAB	Control	<b>0 258 007 351</b>		
						RAB	Control	<b>0 258 007 073</b>	160,000	
				05.01 - 05.05		Control	<b>0 258 007 125</b>		250,000	
						Diagnosis	<b>0 258 006 452</b>	<b>0 258 986 602</b>	160,000	
						LAB	Control	<b>0 258 007 361</b>	250,000	
						RAB	Control	<b>0 258 007 123</b>	250,000	
<b>Bus</b>										
<b>24, 25</b>	08.85 - 07.92	MV	4	2.1		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>Caddy</b>										
<b>2K</b>	06.05 - 05.08	BLS	4	1.9		Control	<b>0 281 004 042</b>		250,000	
<b>California</b>										
<b>7H</b>	06.03→	AXA	4	2.0		Control	<b>0 258 007 357</b>		250,000	
						Diagnosis	<b>0 258 006 547</b>	<b>0 258 986 602</b>	160,000	
<b>Caravelle</b>										
<b>70, 7D</b>	09.90 - 06.03	AAC								
		Chassis	4	2.0	09.90 - 12.95		Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>	100,000
		→70..T..199 000								
		Chassis	4	2.0	01.96 - 06.03	w/ cat	Control	<b>0 258 003 821</b>	<b>0 258 986 502</b>	100,000
		70..T..200 001→				w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000
	11.90 - 12.93	AAF	5	2.5		w/ cat	Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>	100,000
						w/o cat	Control	<b>0 258 003 305</b>	<b>0 258 986 504</b>	80,000



<b>70, 7D</b>	07.94 - 10.96	ACU	5	2.5		w/ cat	Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>	100,000	
						w/o cat	Control	<b>0 258 003 305</b>	<b>0 258 986 504</b>	80,000	
	08.96 - 06.03	AET	5	2.5			Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000	
	05.00 - 06.03	AMV	6	2.8			Control	<b>0 258 007 057</b>		160,000	
<b>7H</b>	01.06→	BNZ	5	2.5			Diagnosis	<b>0 258 006 247</b>	<b>0 258 986 615</b>	160,000	
		BPC	5	2.5			Control	<b>0 281 004 058</b>		250,000	
							Control	<b>0 281 004 058</b>		250,000	
<b>Caravelle T5 2.5 TDI 4 Motion</b>											
<b>7H</b>	01.06→	BPC	5	2.5			Control	<b>0 281 004 058</b>		250,000	
<b>Eos</b>											
<b>1F7</b>	05.06 - 05.08	BMM	4	2.0			Control	<b>0 281 004 042</b>		250,000	
	05.06→	BWA	4	2.0			Control	<b>0 258 017 044</b>		250,000	
		Chassis →1F..9..040 000	4	2.0	05.06 - 12.08			Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000
		Chassis 1F..9..045 000→	4	2.0	01.09→			Diagnosis	<b>0 258 010 002</b>		250,000
<b>Golf I Cabriolet</b>											
<b>15</b>	07.90 - 08.93	JH	4	1.8			Control	<b>0 258 001 051</b>	<b>0 258 986 501</b>	50,000	
<b>Golf II</b>											
<b>19, 1G</b>	07.90 - 11.92	RV	4	1.8			Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>	100,000	
<b>Golf III</b>											
<b>1H1</b>	04.94 - 09.94	2E	4	2.0			w/ cat	Control	<b>0 258 003 267</b>	<b>0 258 986 503</b>	100,000
							w/o cat	Control	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000
	04.94 - 12.97	AAA	6	2.8	08.95 - 12.97		w/ cat	Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000
		Chassis →1H..S..120 000	6	2.8	04.94 - 12.94		w/ cat	Control	<b>0 258 003 267</b>	<b>0 258 986 503</b>	100,000
							w/o cat	Control	<b>0 258 003 829</b>	<b>0 258 986 503</b>	80,000
		Chassis 1H..S..120 001→	6	2.8	01.95 - 07.95		w/ cat	Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000
					01.95 - 12.97		w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000
	10.94 - 12.97	ADY	4	2.0			w/ cat	Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000
							w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000
	10.95 - 12.97	ADZ	4	1.8				Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000
<b>Golf III Cabriolet</b>											
<b>1E7</b>	02.95 - 07.95	ADY	4	2.0				Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000
	07.95 - 04.98	AGG	4	2.0				Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000
<b>Golf IV</b>											
<b>1J1</b>	10.97 - 10.00	AGN	4	1.8				Control	<b>0 258 005 081</b>	<b>0 258 986 505</b>	160,000
	10.97 - 05.03	AGU	4	1.8				Control	<b>0 258 005 081</b>	<b>0 258 986 505</b>	160,000
	10.97 - 05.04	AKL	4	1.6	05.02 - 05.04			Control	<b>0 258 006 261</b>	<b>0 258 986 615</b>	160,000
		Chassis →1J..X..13 000	4	1.6	10.97 - 08.98		A/T	Control	<b>0 258 006 215</b>		160,000
							M/T	Control	<b>0 258 005 079</b>	<b>0 258 986 505</b>	160,000
		Chassis 1J..X..132 001→	4	1.6	09.98 - 04.02			Control	<b>0 258 006 163</b>	<b>0 258 986 615</b>	160,000
	01.98 - 05.04	AEH	4	1.6	05.02 - 05.04			Control	<b>0 258 006 261</b>	<b>0 258 986 615</b>	160,000
		Chassis →1J..X..132 000	4	1.6	01.98 - 08.98			Control	<b>0 258 005 079</b>	<b>0 258 986 505</b>	160,000
		Chassis 1J..X..132 001→	4	1.6	09.98 - 04.02			Control	<b>0 258 005 143</b>	<b>0 258 986 505</b>	160,000
	08.98 - 05.04	APK	4	2.0				Control	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000
								Diagnosis	<b>0 258 006 237</b>	<b>0 258 986 615</b>	160,000
	09.00 - 05.04	AVU	4	1.6				Control	<b>0 258 007 063</b>		160,000
								Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000
	07.03 - 02.04	APK	4	2.0				Control	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000
							Diagnosis	<b>0 258 006 237</b>	<b>0 258 986 615</b>	160,000	
<b>1J1</b>	10.03 - 05.04	BML	6	3.2			LAB	Control	<b>0 258 007 361</b>		250,000
								Diagnosis	<b>0 258 006 302</b>	<b>0 258 986 602</b>	160,000
							RAB	Control	<b>0 258 007 123</b>		250,000
								Diagnosis	<b>0 258 006 300</b>	<b>0 258 986 602</b>	160,000
<b>Golf IV Cabriolet</b>											
<b>1E7</b>	04.98 - 12.01	AGG	4	2.0				Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000



◀ VW

**Golf V**

<b>1K1</b>	08.04 - 11.05	BLX	4	2.0	LAB	Control	<b>0 258 017 012</b>		250,000
						Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
	09.04 - 11.05	AXX <TFSI>	4	2.0	RAB	Control	<b>0 258 017 010</b>		250,000
						Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000
	12.04→	BMM	4	2.0		Control	<b>0 258 017 044</b>		250,000
	11.05 - 05.07	BUB	6	3.2	LAB	Control	<b>0 258 017 180</b>		250,000
						Diagnosis	<b>0 258 006 611</b>	<b>0 258 986 602</b>	160,000
	11.05→	BLG	4	1.4	RAB	Control	<b>0 258 017 176</b>		250,000
						Diagnosis	<b>0 258 006 613</b>	<b>0 258 986 602</b>	160,000
		BVM	4	2.0	HI	Diagnosis	<b>0 258 006 738</b>		250,000
						Control	<b>0 258 017 012</b>		250,000
		BVM	4	2.0	LAB,front	Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000
						Control	<b>0 258 017 010</b>		250,000
		BVM	4	2.0	RAB	Control	<b>0 258 017 010</b>		250,000
						Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000
<b>1K5</b>	05.07→	BWA <TFSI>	4	2.0		Control	<b>0 258 017 044</b>		250,000
						Diagnosis	<b>0 258 006 741</b>	<b>0 258 986 602</b>	250,000

**Jetta**

<b>1K2</b>	08.05 - 11.05	BLR	4	2.0	HI	Diagnosis	<b>0 258 006 738</b>		250,000	
						LAB	Control	<b>0 258 017 012</b>		250,000
	09.05 - 06.08	BWA	4	2.0	LAB,front	Diagnosis	<b>0 258 006 555</b>	<b>0 258 986 602</b>	250,000	
						Control	<b>0 258 017 010</b>		250,000	
		Chassis →1K..8..195 923	4	2.0	09.05 - 04.08	RAB,front	Diagnosis	<b>0 258 006 553</b>	<b>0 258 986 602</b>	250,000
						Control	<b>0 258 006 163</b>	<b>0 258 986 615</b>	160,000	
		Chassis 1K..8..195 924→	4	2.0	05.08 - 06.08	Diagnosis	<b>0 258 010 002</b>		250,000	
						Control	<b>0 258 017 176</b>		250,000	
	10.05 - 11.05	BLY	4	2.0		Diagnosis	<b>0 258 006 767</b>	<b>0 258 986 602</b>	250,000	
	10.05 - 06.08	BMM	4	2.0		Control	<b>0 281 004 042</b>		250,000	

**Multivan**

<b>7H</b>	05.03→	BKK	6	3.2		Control	<b>0 258 007 357</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 549</b>	<b>0 258 986 602</b>	160,000
	07.04→	BKK	6	3.2		RAB	Diagnosis	<b>0 258 006 547</b>	<b>0 258 986 602</b>	160,000
						Control	<b>0 258 007 357</b>		250,000	
						LAB	Diagnosis	<b>0 258 006 549</b>	<b>0 258 986 602</b>	160,000
						RAB	Diagnosis	<b>0 258 006 547</b>	<b>0 258 986 602</b>	160,000

**New Beetle**

<b>1C1, 9C1</b>	01.98 - 10.01	AEG	4	2.0		Control	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000				
						Chassis →1C..X..460 000, →9C..X..645 560	4	2.0	01.98 - 04.99	Diagnosis	<b>0 258 006 213</b>	<b>0 258 986 615</b>	160,000
	11.98 - 06.05	AQY	4	2.0		Chassis 1C..X..460 001→, 9C..X..645 561→	4	2.0	05.99 - 10.01	Diagnosis	<b>0 258 006 237</b>	<b>0 258 986 615</b>	160,000
						Control	<b>0 258 006 245</b>		160,000				
	06.00 - 06.04	AWV	4	1.8		Diagnosis	<b>0 258 006 237</b>	<b>0 258 986 615</b>	160,000				
						Control	<b>0 258 007 057</b>		160,000				
	06.00 - 06.05	AYD	4	1.6		Diagnosis	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000				
						Control	<b>0 258 007 063</b>		160,000				
	10.00 - 12.07	AWU	4	1.8		Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000				
						Control	<b>0 258 007 057</b>		160,000				
	06.01→	AZJ	4	2.0		Diagnosis	<b>0 258 006 245</b>	<b>0 258 986 615</b>	160,000				
						Control	<b>0 258 007 085</b>		160,000				
	06.02→	BFS	4	1.6	Ascertain in vehicle	Diagnosis	<b>0 258 006 373</b>	<b>0 258 986 602</b>	160,000				
						Control	<b>0 258 007 063</b>		160,000				
						Control	<b>0 258 017 180</b>		250,000				
						Diagnosis	<b>0 258 006 257</b>	<b>0 258 986 615</b>	160,000				
						Diagnosis	<b>0 258 006 704</b>	<b>0 258 986 602</b>	250,000				





**New Beetle Cabriolet**

<b>1Y7</b>	01.03→	AZJ	4	2.0		Control	<b>0 258 007 085</b>		160,000
						Diagnosis	<b>0 258 006 373</b>	<b>0 258 986 602</b>	160,000
		BGD	4	2.0		Control	<b>0 258 007 085</b>		160,000
						Diagnosis	<b>0 258 006 373</b>	<b>0 258 986 602</b>	160,000

**Passat**

<b>31, 35, 3A, 3A5, 3A2</b>	07.95 - 03.97	AGG	4	2.0		w/ cat	Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000					
						w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000					
	08.95 - 03.97	AAA	6	2.8			Control	<b>0 258 003 842</b>	<b>0 258 986 505</b>	160,000					
							Chassis 3A..T...000 210→								
<b>3B2</b>	10.96 - 11.00	AEB	4	1.8	10.96 - 12.98		Control	<b>0 258 003 740</b>	<b>0 258 986 505</b>	160,000					
							Chassis →3B..X...360 000								
							Chassis 3B..X...360 001→								
	12.96 - 01.99	ADR	4	1.8	12.96 - 12.98		Control	<b>0 258 003 478</b>	<b>0 258 986 505</b>	160,000					
							Chassis →3B..X...360 000								
							Chassis 3B..X...360 001→								
	01.97 - 11.00	ACK	6	2.8			Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000					
	06.97 - 11.00	AGZ	5	2.3			Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000					
							Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000					
	<b>3B5</b>	06.97 - 11.00	ACK	6	2.8			Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000				
								Control	<b>0 258 003 759</b>	<b>0 258 986 507</b>	160,000				
		09.97 - 11.00	AGZ	5	2.3			Control	<b>0 258 005 160</b>	<b>0 258 986 505</b>	160,000				
<b>3B2</b>	08.98 - 11.00	ANB	4	1.8			Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000					
							Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000					
							01.99 - 11.00	APT	4	1.8			Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>
<b>3B5</b>	01.99 - 11.00	ANB	4	1.8			Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000					
							Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000					
							APT	4	1.8			Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000
<b>3B2</b>	02.99 - 11.00	ARG	4	1.8			Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000					
							Control	<b>0 258 006 307</b>	<b>0 258 986 615</b>	160,000					
<b>3B3</b>	10.00 - 05.05	AWT	4	1.8			Control	<b>0 258 007 090</b>		160,000					
							Diagnosis	<b>0 258 006 305</b>	<b>0 258 986 615</b>	160,000					
							AZX	5	2.3	10.00 - 04.02		Control	<b>0 258 007 073</b>		160,000
												Diagnosis	<b>0 258 006 259</b>	<b>0 258 986 615</b>	160,000
										05.02 - 05.05		Control	<b>0 258 007 361</b>		250,000
												Diagnosis	<b>0 258 006 458</b>	<b>0 258 986 602</b>	160,000
	AMX	6	2.8				Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000					
							RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000				
							10.00 - 04.02	LAB	Diagnosis	<b>0 258 003 524</b>	<b>0 258 986 502</b>	160,000			
							05.02 - 05.05	LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000			
							BBG	6	2.8			Control	<b>0 258 006 287</b>	<b>0 258 986 615</b>	160,000
												LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>
BDN	8	4.0				RAB	Diagnosis	<b>0 258 006 312</b>	<b>0 258 986 615</b>	160,000					
						10.00 - 04.02	LAB	Diagnosis	<b>0 258 003 524</b>	<b>0 258 986 502</b>	160,000				
						05.02 - 05.05	LAB	Diagnosis	<b>0 258 006 314</b>	<b>0 258 986 615</b>	160,000				
						05.02 - 09.04	A/T,LAB	Diagnosis	<b>0 258 006 418</b>	<b>0 258 986 602</b>	160,000				
									LAB	Control	<b>0 258 007 138</b>		250,000		
							M/T,LAB	Diagnosis	<b>0 258 006 509</b>	<b>0 258 986 602</b>	160,000				
RAB	Control	<b>0 258 007 140</b>		250,000											
<b>3C2</b>	09.05→	AXZ	6	3.2		LAB	Control	<b>0 258 017 070</b>		250,000					
							Diagnosis	<b>0 258 006 862</b>	<b>0 258 986 602</b>	160,000					
							RAB	Control	<b>0 258 017 068</b>		250,000				
						Diagnosis	<b>0 258 006 895</b>	<b>0 258 986 602</b>	160,000						



◀ VW

<b>3C2</b>	11.05→	BWA	4	2.0		Control	<b>0 258 017 044</b>		250,000	
						Diagnosis	<b>0 258 006 816</b>	<b>0 258 986 602</b>	250,000	
<b>3C5</b>	11.05→	BWA	4	2.0		Control	<b>0 258 017 044</b>		250,000	
						Diagnosis	<b>0 258 006 816</b>	<b>0 258 986 602</b>	250,000	
	AXZ	6	3.2		LAB	Control	<b>0 258 017 070</b>		250,000	
						Diagnosis	<b>0 258 006 862</b>	<b>0 258 986 602</b>	160,000	
						RAB	Control	<b>0 258 017 068</b>		250,000
							Diagnosis	<b>0 258 006 895</b>	<b>0 258 986 602</b>	160,000

**Passat 2.0 TDI**

<b>3C2</b>	05.08→	CBAB	4	2.0		Control	<b>0 281 004 085</b>		250,000
		CBBB	4	2.0		Control	<b>0 281 004 085</b>		250,000

**Passat 2.0 TDI Variant**

<b>3C5</b>	01.08→	CBAB	4	2.0		Control	<b>0 281 004 085</b>		250,000
	05.08→	CBBB	4	2.0		Control	<b>0 281 004 085</b>		250,000

**Passat 3.6 FSI R36**

<b>3C2</b>	04.07→	BWS	6	3.6		LAB	Control	<b>0 258 017 070</b>		250,000
						RAB	Diagnosis	<b>0 258 006 862</b>	<b>0 258 986 602</b>	160,000
							Control	<b>0 258 017 068</b>		250,000
						Diagnosis	<b>0 258 006 895</b>	<b>0 258 986 602</b>	160,000	

**Passat 3.6 FSI R36 Variant**

<b>3C5</b>	04.07→	BWS	6	3.6		LAB	Control	<b>0 258 017 070</b>		250,000
						RAB	Diagnosis	<b>0 258 006 862</b>	<b>0 258 986 602</b>	160,000
							Control	<b>0 258 017 068</b>		250,000
						Diagnosis	<b>0 258 006 895</b>	<b>0 258 986 602</b>	160,000	

**Polo**

<b>6N1</b>	10.96 - 12.99	AEE	4	1.6		M/T	Control	<b>0 258 005 123</b>	<b>0 258 986 505</b>	160,000
		Chassis 6N..T..140 001→	4	1.6		A/T	Control	<b>0 258 005 123</b>		160,000
<b>6N2</b>	01.99 - 09.01	AHW	4	1.4		A/T	Control	<b>0 258 005 143</b>		160,000
						M/T	Control	<b>0 258 005 143</b>		160,000
<b>9N1</b>	09.01 - 05.04	BBY	4	1.4			Diagnosis		<b>0 258 986 507</b>	160,000
							06.03→	BCD <EA113>	4	1.6
	M/T	Diagnosis	<b>0 258 006 802</b>	<b>0 258 986 602</b>	250,000					
		Control	<b>0 258 005 303</b>	<b>0 258 986 505</b>	160,000					
<b>9N2</b>	07.03→	BBY	4	1.4			Diagnosis		<b>0 258 986 507</b>	160,000
<b>9N3</b>	04.05 - 05.07	BBZ	4	1.4			Diagnosis		<b>0 258 986 507</b>	160,000
							08.05→	BJX	4	1.8
	08.05 - 05.08	Control	<b>0 258 007 351</b>							
06.08→	Control	<b>0 258 007 351</b>								
05.06→	BUD	4	1.4				Diagnosis		<b>0 258 986 507</b>	160,000
08.06→	BAH <EA111>	4	1.6				Control	<b>0 258 006 233</b>	<b>0 258 986 615</b>	160,000

**Tiguan 2.0 FSI**

<b>5N1</b>	11.07→	CAWB	4	2.0	11.07 - 03.08			Control	<b>0 258 006 960</b>	<b>0 258 986 602</b>	250,000								
		Chassis →5N..8..040 000										4	2.0	04.08→			Control	<b>0 258 010 063</b>	250,000
		Chassis 5N..8..040 001→																	
		CCTA										4	2.0				Control	<b>0 258 017 169</b>	
Diagnosis						Diagnosis	<b>0 258 010 044</b>		250,000										

**Tiguan 2.0 TDI**

<b>5N1</b>	11.07→	CBAB	4	2.0			Control	<b>0 281 004 085</b>		250,000
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**Tiguan 2.0 TSI**

<b>5N1</b>	03.08→	CAWA	4	2.0			Control	<b>0 258 010 063</b>		250,000
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**Touareg**

<b>7LA</b>	11.02 - 05.04	AZZ	6	3.2		LAB	Control	<b>0 258 007 357</b>		250,000
						RAB	Diagnosis	<b>0 258 006 559</b>	<b>0 258 986 602</b>	160,000
							Control	<b>0 258 007 221</b>		250,000
						Diagnosis	<b>0 258 006 557</b>	<b>0 258 986 602</b>	160,000	
11.02 - 11.06	AYH	Chassis →7L..4..100 000	10	5.0	11.02 - 04.04	LAB	Control	<b>0 281 004 005</b>		250,000
						RAB	Control	<b>0 281 004 003</b>		250,000
						LAB	Control	<b>0 281 004 024</b>		250,000
						RAB	Control	<b>0 281 004 022</b>		250,000

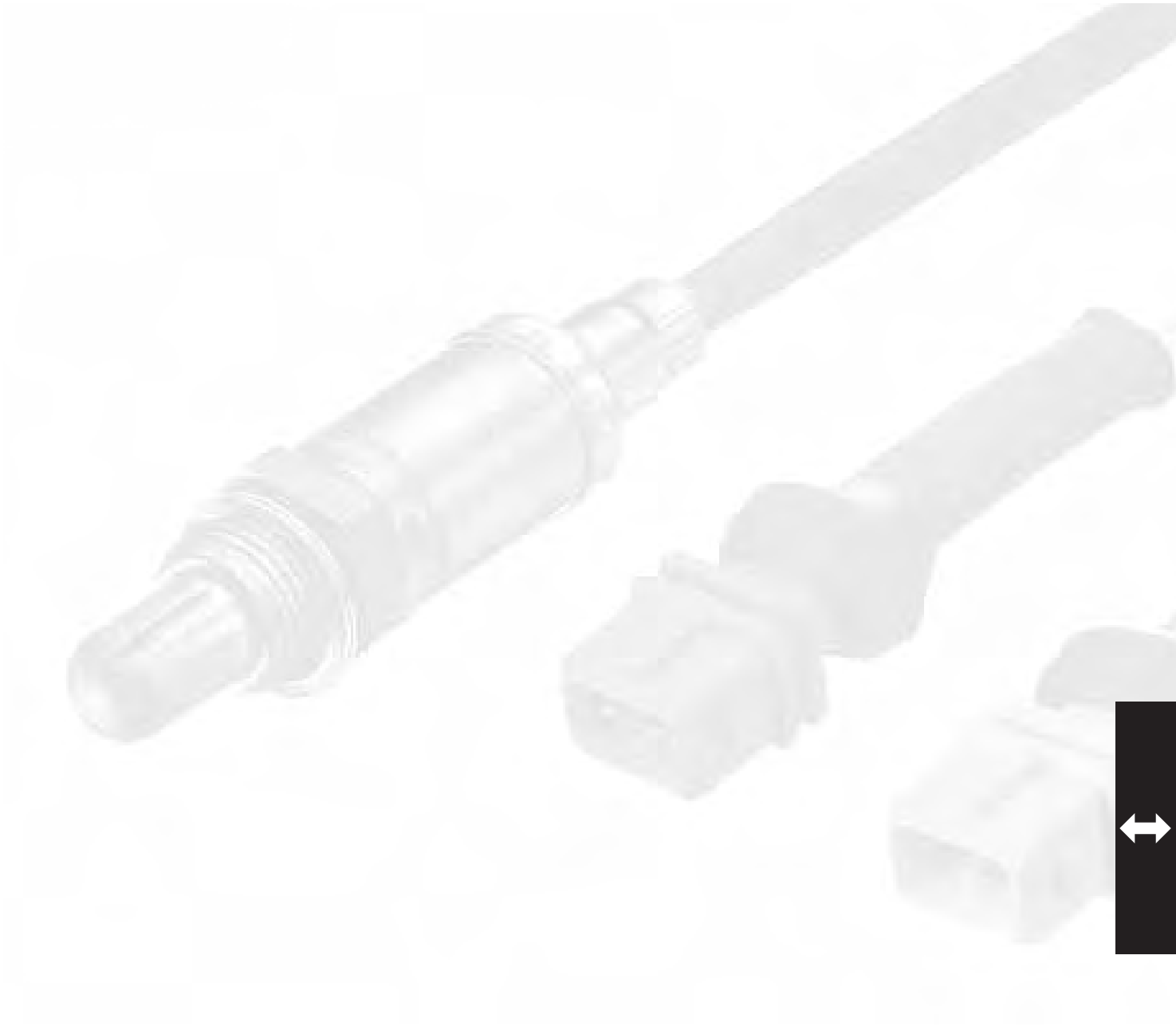


<b>7LA</b>	12.02 - 11.06	AXQ	8	4.2	LAB	Control	<b>0 258 007 351</b>				
						Diagnosis	<b>0 258 006 584</b>	<b>0 258 986 615</b>	160,000		
						RAB	Control	<b>0 258 007 227</b>		160,000	
						Diagnosis	<b>0 258 006 582</b>	<b>0 258 986 615</b>	160,000		
	04.03 - 11.06	BHX	8	4.2	LAB	Control	<b>0 258 007 351</b>				
						Diagnosis	<b>0 258 006 584</b>	<b>0 258 986 615</b>	160,000		
						RAB	Control	<b>0 258 007 227</b>		160,000	
						Diagnosis	<b>0 258 006 582</b>	<b>0 258 986 615</b>	160,000		
	05.04 - 11.06	BMV	6	3.2	LAB	Control	<b>0 258 007 357</b>			250,000	
						Diagnosis	<b>0 258 006 559</b>	<b>0 258 986 602</b>	160,000		
						RAB	Control	<b>0 258 007 221</b>		250,000	
						Diagnosis	<b>0 258 006 557</b>	<b>0 258 986 602</b>	160,000		
11.04 - 11.06	BKS	6	3.0		Control	<b>0 281 004 036</b>			250,000		
	BLE	10	5.0	LAB	Control	<b>0 281 004 032</b>			250,000		
					RAB	Control	<b>0 281 004 030</b>		250,000		
08.05 - 11.06	BHK	6	3.6	LAB	Control	<b>0 258 017 178</b>			250,000		
					Diagnosis	<b>0 258 006 839</b>	<b>0 258 986 602</b>	160,000			
					RAB	Control	<b>0 258 017 176</b>		250,000		
					Diagnosis	<b>0 258 006 837</b>	<b>0 258 986 602</b>	160,000			
01.06 - 11.06	BPE	5	2.5		Control	<b>0 258 017 006</b>			250,000		
<b>7L6</b>	12.06 - 05.08	BKS	6	3.0		Control	<b>0 281 004 036</b>			250,000	
	12.06 →	BPE	5	2.5		Control	<b>0 258 017 006</b>			250,000	
		BHK	6	3.6	LAB	Control	<b>0 258 017 178</b>			250,000	
						Diagnosis	<b>0 258 006 839</b>	<b>0 258 986 602</b>		160,000	
						RAB	Control	<b>0 258 017 176</b>		250,000	
						Diagnosis	<b>0 258 006 837</b>	<b>0 258 986 602</b>		160,000	
		BLE	10	5.0	LAB	Control	<b>0 281 004 032</b>			250,000	
						RAB	Control	<b>0 281 004 030</b>		250,000	
	08.07 →	CBWA	10	5.0	LAB	Control	<b>0 281 004 032</b>			250,000	
						RAB	Control	<b>0 281 004 030</b>		250,000	
<b>Touareg 3.0 TDI</b>											
<b>7L6</b>	01.08 →	CASC	6	3.0		Control	<b>0 281 004 036</b>			250,000	
<b>Transporter</b>											
<b>24, 25</b>	01.83 - 07.85	DH	4	1.9		Control		<b>0 258 986 501</b>		80,000	
	08.85 - 07.92	MV	4	2.1		Control	<b>0 258 003 957</b>	<b>0 258 986 502</b>		100,000	
<b>70, 7D</b>	09.90 - 06.03	AAC	4	2.0	09.90 - 12.95	Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>		100,000	
							w/ cat	Control	<b>0 258 003 821</b>	<b>0 258 986 502</b>	100,000
							w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000
	11.90 - 12.93	AAF	5	2.5			w/ cat	Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>	100,000
							w/o cat	Control	<b>0 258 003 305</b>	<b>0 258 986 504</b>	80,000
	11.92 - 12.93	AAF	5	2.5			w/ cat	Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>	100,000
						w/o cat	Control	<b>0 258 003 305</b>	<b>0 258 986 504</b>	80,000	
01.94 - 10.96	ACU	5	2.5			w/ cat	Control	<b>0 258 003 211</b>	<b>0 258 986 502</b>	100,000	
						w/o cat	Control	<b>0 258 003 305</b>	<b>0 258 986 504</b>	80,000	
08.96 - 06.03	AET	5	2.5		Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>		160,000		
<b>7H</b>	05.03 →	BKK	6	3.2		Control	<b>0 258 007 357</b>			250,000	
						LAB	Diagnosis	<b>0 258 006 549</b>	<b>0 258 986 602</b>	160,000	
						RAB	Diagnosis	<b>0 258 006 547</b>	<b>0 258 986 602</b>	160,000	
06.03 →	AXA	4	2.0			Control	<b>0 258 007 357</b>			250,000	
						Diagnosis	<b>0 258 006 547</b>	<b>0 258 986 602</b>	160,000		
<b>7J</b>	06.06 →	BRS	4	1.9		Control	<b>0 281 004 056</b>			250,000	
<b>Vento</b>											
<b>1H2</b>	07.95 - 03.97	AGG	4	2.0		w/ cat	Control	<b>0 258 003 548</b>	<b>0 258 986 503</b>	160,000	
						w/o cat	Control	<b>0 258 003 868</b>	<b>0 258 986 503</b>	160,000	





# Product Technical Information





## Universal Oxygen Sensor Program Overview

To further complement and enhance our Oxygen Sensor program, a “Universal” range of oxygen sensors is now offered by Bosch. Drawing from many years of engineering experience as an OE supplier and global manufacturer of oxygen sensors, a consolidated range of universal sensors are available that fully comply to the technical specifications of the original sensor fitted to the vehicle. Bosch Universal Oxygen Sensors are correctly OE matched by our engineering and development teams to ensure they meet or exceed the original design standard. All sensors are designed and built to the latest OE design types ensuring renowned Bosch quality, and complete confidence in application. All sensors feature stainless steel wiring, double laser welded body and latest design protection tubes. Connection is easy and reliable as all Bosch 3 & 4 wire universal sensors are supplied with a patented “Posi-Lock” weather-tight connector.

The Bosch Universal Oxygen Sensor program consists of the following range of sensors,

### Single Wire Sensors

- 0 258 986 501 – Standard single wire sensor with “bullet” style connection.
- 0 258 002 031 – Single wire sensor with “bullet” style connection, supplied with removable “flange” type mounting (54 mm pitch).

### Two Wire Sensor

- 0 258 002 210 – Two wire sensor with “bullet” style connections, supplied with removable “flange” type mounting (54 mm pitch). Sensor can be used without mounting flange.
- F 00H L00 091 – Two wire sensor with “bullet” style connections and special protection tube.



**Three Wire Sensors**

- 0 258 005 726 – Three wire sensor with 12 watt heater and grounded case and special 3 slot protection tube.
- 0 258 986 502 – Three wire sensor with 12 watt heater and grounded case.
- 0 258 986 504 – Three wire sensor with 18 watt heater and grounded case.

**Four Wire Sensors**

- 0 258 005 728 – Four wire sensor with 12 watt heater, grounded case, “flange” type mounting. And special protection tube.
- 0 258 005 729 – Four wire sensor with 12 watt heater, isolated ground, 3 slot protection tube.
- 0 258 005 732 – Four wire sensor with 12 watt heater, grounded case and special protection tube.
- 0 258 986 503 – Four wire sensor with 18 watt heater and grounded case.
- 0 258 986 505 – Four wire sensor with 18 watt heater and ground isolated case.
- 0 258 986 506 – Four wire sensor with 12 watt heater and grounded case.
- 0 258 986 507 – Four wire sensor with 12 watt heater and ground isolated case.
- 0 258 986 602 – Four wire “Planar” construction sensor, 7 watt heater, isolated ground.
- 0 258 986 615 – Four wire “Planar” construction sensor, 7 watt heater, isolated ground and special protection tube.
- 0 258 986 617 – Four wire “Planar” construction sensor with “flange” type mounting, isolated ground and special protection tube.



# Universal Oxygen Sensor Installation Instructions



Step 1

**Installation must only be carried out by trained personnel**  
Please read these instructions carefully before removing the Oxygen sensor from your vehicle

Tools required  
Removal tool for Oxygen Sensors or a 22mm open ended spanner  
Side cutter  
Cable stripper  
Measuring tape



Step 2

Equipment supplied with the Bosch Universal Oxygen Sensor  
1 Bosch universal Oxygen Sensor  
1 Posi-lock connector  
4 Grey cable connectors  
8 Yellow cable seals  
2 Cable fasteners

Important preliminary instructions  
Make a note of how the cable of your vehicle's Oxygen Sensor is laid. The cable of the Universal Oxygen Sensor must be attached in the same way.

Step 3

After removing the Oxygen Sensor, take care not to cut the cable too short. Part of this cable will be required as an extension for the Universal Oxygen Sensor to keep it in a strain free state during installation

Important: Under no circumstances, must the cable be soldered!

The maximum torque of 50 Nm must not be exceeded when screwing in the Oxygen Sensor.



Step 4

Installing the Sensor (see illustrations)

**Step 1**  
Remove the Oxygen Sensor from the exhaust system of your vehicle. Take care not to damage the cable fixtures as they will be used again later.

**Step 2**  
After removing the Oxygen Sensor, measure the length of the cable from the hexagon to the end of the plug (fig. 2). If any special fixtures are attached to the cable, proceed to step 3. If there are no special fixtures on the cable and if  
a) the cable is shorter than 75 cm, proceed to step 4  
b) the cable is longer than 75 cm, proceed to step 5



Step 5

**Step 3 (cable with fixtures)**  
Cut through the cable of the original Sensor at least 13 cm and no more than 60 cm from cable outlet on the Sensor. Leave all cable fixtures on the original cable.



Step 6

Place the Universal Oxygen Sensor beside the original Sensor. Shorten the cable of the Universal Oxygen Sensor until it is the same length as the cable of the original sensor. Proceed to step 6

**Step 4 (cable shorter than 75 cm)**  
Cut the cable of the original Sensor in two around 10 cm from the connecting plug. Place the Universal Oxygen Sensor beside the original. Shorten the cable of the Universal Oxygen Sensor until it is the same length as the cable of the original sensor. Proceed to step 6

**Step 5** (cable longer than 75 cm)

Place the Universal Oxygen Sensor beside the original Sensor. Cut the cable of the original sensor in two until it is as long as the cable from the Universal Oxygen Sensor (fig. 5) Remove the cable fastener on the Universal Oxygen Sensor. - Proceed to step 6

**Step 6**

Using installation pliers , remove approx. 1 cm (important!) of the cable insulation (fig. 6) from all cable ends, taking care not to damage any wires.

**Step 7**

Cable colour allocations for the Universal Oxygen Sensor are as follows, sensor output signal wire = black, sensor heater element cables = White (Note - heater is not polarity sensitive) Sensor signal ground (where used) = Grey

Important: The cable allocations must be assigned correctly. Otherwise the Sensor could be destroyed . Put the large plug housing over the cable from the Universal Oxygen Sensor and the small plug cover over the cable from the original Oxygen Sensor (fig. 7).

**Step 8**

Put the yellow seals over each cable end in such a way that the narrow end of the seals points to the rear of the plug housing (fig. 8)

**Step 9**

Insert the insulated cable ends from the Universal Oxygen Sensor into the grey cable connectors. Screw the centre pieces of the cable connectors together (fig. 9) ensure the leads are fitted tightly inside the cable connectors.

**Step 10**

Connect the Sensor to the cable harness in the vehicle (fig. 10) Check again that the cables are correctly assigned as in step 7 above Note: Cables must not be knotted. Pull the cable connections into the plug housing . Check that the tension is correct.

**Step 11**

Insert the cable connectors into the plug housing. Press the plug cover onto the plug housing until it can be heard locking in place. (fig. 11)

**Step 12**

Install the Universal Oxygen Sensor into the vehicle (fig 12). Secure the cable so that it is safe from extreme heat and scuffing . Use the cable fixtures from the original Sensor. If necessary, use the cable fasteners so that the plug housing is free from strain and does not vibrate. This ensures that the cable will not wear when the engine is in motion.

Step 7



Step 8



Step 9



Step 10



Step 11



Step 12



# Cross Reference Direct Fit to Universal Sensor

## Including Test and Replacement Intervals

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 001 014	0 258 001 051	0 258 986 501	1		50,000
0 258 001 026	0 258 001 051	0 258 986 501	1	500	50,000
0 258 001 037		0 258 986 501	1	600	50,000
0 258 001 051		0 258 986 501	1	500	50,000
0 258 002 014		0 258 986 501	1	400	50,000
0 258 002 016		0 258 986 501	1		50,000
0 258 002 028		F 00HL00 091	2	347	50,000
0 258 002 031			1	165	50,000
0 258 002 035		0 258 986 501	1	500	50,000
0 258 002 038		0 258 986 501	1	290	50,000
0 258 002 050		0 258 986 501	1	510	50,000
0 258 002 051		0 258 002 031	1	540	50,000
0 258 002 053		0 258 986 501	1	795	50,000
0 258 002 054		0 258 986 501	1	590	50,000
0 258 002 061		0 258 986 501	1	485	50,000
0 258 002 201		0 258 002 210	2	631	50,000
0 258 002 210			2		50,000
0 258 003 003		0 258 986 502	3	550	100,000
0 258 003 004		0 258 986 502	3	426	100,000
0 258 003 005		0 258 986 502	3	916	100,000
0 258 003 006	0 258 003 957	0 258 986 502	3	916	100,000
0 258 003 008		0 258 986 502	3	523	100,000
0 258 003 009	0 258 003 957	0 258 986 502	3	700	100,000
0 258 003 011		0 258 986 502	3	952	100,000
0 258 003 012		0 258 986 502	3	670	100,000
0 258 003 016		0 258 986 502	3	760	100,000
0 258 003 020	0 258 003 034	0 258 986 504	3	1,700	100,000
0 258 003 028	0 258 003 957	0 258 986 502	3	1,135	100,000
0 258 003 032	0 258 003 957	0 258 986 502	3	520	100,000
0 258 003 034		0 258 986 504	3	1,700	100,000
0 258 003 037		0 258 986 506	4	1,600	100,000
0 258 003 038		0 258 986 503	4	640	100,000
0 258 003 042	F 00HL00 053	0 258 986 504	3	480	100,000
0 258 003 045		0 258 986 503	4	540	100,000
0 258 003 046		0 258 986 502	3	440	100,000
0 258 003 048		0 258 986 502	3	670	100,000
0 258 003 049		0 258 986 502	3	1,790	100,000
0 258 003 060		0 258 986 502	3	1,700	100,000
0 258 003 061		0 258 986 502	3	916	100,000
0 258 003 074		0 258 986 506	4	440	100,000
0 258 003 078		0 258 986 506	4	1,130	100,000
0 258 003 084	0 258 003 924	0 258 986 502	3	670	100,000
0 258 003 086		0 258 986 502	3	400	100,000
0 258 003 088		0 258 986 503	4	1,500	100,000
0 258 003 090	0 258 003 957	0 258 986 502	3	916	100,000
0 258 003 091	F 00HL00 130	0 258 986 504	3	600	80,000
0 258 003 101	0 258 003 957	0 258 986 502	3	1,135	100,000
0 258 003 103	0 258 003 222	0 258 986 506	4	700	100,000
0 258 003 114		0 258 986 504	3	950	100,000
0 258 003 119		0 258 986 504	3	1,700	100,000
0 258 003 130		0 258 986 502	3	780	100,000
0 258 003 132	0 258 003 130	0 258 986 502	3	720	100,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 003 134		0 258 986 502	3	350	100,000
0 258 003 141		0 258 986 502	3	1,250	100,000
0 258 003 144		0 258 986 504	3	350	100,000
0 258 003 146		0 258 986 504	3	780	100,000
0 258 003 156		0 258 986 502	3	533	100,000
0 258 003 160		0 258 986 502	3	446	100,000
0 258 003 169		0 258 986 504	3	610	80,000
0 258 003 175	0 258 003 957	0 258 986 502	3	811	100,000
0 258 003 181		0 258 986 502	3	610	100,000
0 258 003 189		0 258 986 502	3	400	160,000
0 258 003 193		0 258 986 506	4	423	100,000
0 258 003 195	0 258 003 429	0 258 986 503	4	350	100,000
0 258 003 197	0 258 003 429	0 258 986 503	4	270	100,000
0 258 003 203		0 258 986 506	4	1,500	100,000
0 258 003 204		0 258 986 503	4	1,500	100,000
0 258 003 206	0 258 003 957	0 258 986 502	3	756	100,000
0 258 003 211		0 258 986 502	3	610	100,000
0 258 003 218		0 258 986 507	4	460	100,000
0 258 003 220	0 258 005 324	0 258 986 503	4	260	100,000
0 258 003 222		0 258 986 506	4	911	160,000
0 258 003 229		0 258 986 506	4	623	100,000
0 258 003 239		0 258 986 506	4	480	100,000
0 258 003 240	0 258 003 222	0 258 986 506	4	700	100,000
0 258 003 246	0 258 003 060	0 258 986 502	3	1,700	100,000
0 258 003 254	0 258 003 995	0 258 986 504	3	811	80,000
0 258 003 256		0 258 986 502	3	410	160,000
0 258 003 258		0 258 986 504	3	1,120	80,000
0 258 003 260		0 258 986 503	4	450	100,000
0 258 003 267		0 258 986 503	4	610	100,000
0 258 003 271	0 258 003 829	0 258 986 503	4	650	80,000
0 258 003 273		0 258 986 502	3	510	80,000
0 258 003 275		0 258 986 507	4	328	100,000
0 258 003 276	F 00HL00 018	0 258 986 502	3	270	100,000
0 258 003 277		0 258 986 502	3	340	160,000
0 258 003 285		0 258 986 504	3	440	80,000
0 258 003 300		0 258 986 502	3	910	160,000
0 258 003 305		0 258 986 504	3	380	80,000
0 258 003 309		0 258 986 506	4	600	100,000
0 258 003 310	0 258 005 324	0 258 986 503	4	440	100,000
0 258 003 311	F 00HL00 018	0 258 986 502	3	395	160,000
0 258 003 313		0 258 986 502	3	916	160,000
0 258 003 314		0 258 986 503	4	780	100,000
0 258 003 320		0 258 986 506	4	800	100,000
0 258 003 324		0 258 986 506	4	900	100,000
0 258 003 328	0 258 003 326	0 258 986 503	4	270	100,000
0 258 003 330		0 258 986 507	4	1,035	160,000
0 258 003 357	0 258 005 324	0 258 986 503	4	380	100,000
0 258 003 359		0 258 986 503	4	1,510	100,000
0 258 003 360	0 258 003 719	0 258 986 506	4	1,500	100,000
0 258 003 365		0 258 986 506	4	680	100,000
0 258 003 369		0 258 986 505	4	1,000	160,000
0 258 003 373		0 258 986 506	4	530	100,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's	Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 003 376		0 258 986 502	3	915	160,000	0 258 003 653		0 258 986 502	3	545	160,000
0 258 003 380		0 258 986 504	3	1,900	100,000	0 258 003 656		0 258 986 505	4	2,080	160,000
0 258 003 381		0 258 986 502	3	915	100,000	0 258 003 657		0 258 986 505	4	1,520	160,000
0 258 003 390		0 258 986 506	4	1,200	160,000	0 258 003 668	0 258 003 717	0 258 986 506	4	555	100,000
0 258 003 391		0 258 986 503	4	1,500	80,000	0 258 003 672		0 258 986 506	4	565	80,000
0 258 003 396		0 258 986 502	3	726	160,000	0 258 003 673		0 258 986 506	4	1,260	80,000
0 258 003 403		0 258 986 503	4	530	80,000	0 258 003 703		0 258 986 502	3	395	160,000
0 258 003 418		0 258 986 502	3	1,850	160,000	0 258 003 705		0 258 986 503	4	565	80,000
0 258 003 426	0 258 005 324	0 258 986 503	4	320	100,000	0 258 003 713		0 258 986 507	4	300	160,000
0 258 003 427		0 258 986 503	4	230	160,000	0 258 003 714		0 258 986 507	4	400	160,000
0 258 003 433		0 258 986 503	4	215	160,000	0 258 003 716		0 258 986 506	4	410	100,000
0 258 003 439		0 258 986 503	4	650	100,000	0 258 003 717		0 258 986 506	4	565	100,000
0 258 003 441		0 258 986 504	3	1,470	80,000	0 258 003 718		0 258 986 506	4	1,265	100,000
0 258 003 445		0 258 986 504	3	470	160,000	0 258 003 719		0 258 986 506	4	1,510	100,000
0 258 003 447	0 258 003 448	0 258 986 502	3	450	160,000	0 258 003 721		0 258 986 505	4	870	160,000
0 258 003 448		0 258 986 502	3	560	160,000	0 258 003 723		0 258 986 505	4	720	160,000
0 258 003 453	0 258 003 810	0 258 986 503	4	320	100,000	0 258 003 740		0 258 986 505	4	1,170	160,000
0 258 003 460	0 258 005 324	0 258 986 503	4	380	100,000	0 258 003 746		0 258 986 505	4	600	160,000
0 258 003 461		0 258 986 502	3	395	100,000	0 258 003 748		0 258 986 505	4	1,145	160,000
0 258 003 465		0 258 986 503	4	1,510	80,000	0 258 003 749		0 258 986 505	4	1,005	160,000
0 258 003 475		0 258 986 505	4	580	160,000	0 258 003 750		0 258 986 505	4	540	160,000
0 258 003 476	0 258 003 475	0 258 986 505	4	325	160,000	0 258 003 751		0 258 986 505	4	840	160,000
0 258 003 477		0 258 986 505	4	320	160,000	0 258 003 752		0 258 986 505	4	450	160,000
0 258 003 478		0 258 986 505	4	1,010	160,000	0 258 003 754		0 258 986 503	4	565	160,000
0 258 003 485		0 258 986 507	4	640	160,000	0 258 003 759		0 258 986 507	4	550	160,000
0 258 003 503		0 258 986 502	3	1,120	80,000	0 258 003 763		0 258 986 504	3	910	160,000
0 258 003 504		0 258 986 502	3	1,470	80,000	0 258 003 771		0 258 986 505	4	740	160,000
0 258 003 505		0 258 986 502	3	500	80,000	0 258 003 782		0 258 986 505	4	347	160,000
0 258 003 508		0 258 986 502	3	506	160,000	0 258 003 786		0 258 986 503	4	290	100,000
0 258 003 512	0 258 005 324	0 258 986 503	4	420	100,000	0 258 003 792		0 258 986 503	4	200	100,000
0 258 003 513		0 258 986 506	4	860	100,000	0 258 003 798		0 258 986 505	4	580	160,000
0 258 003 517		0 258 986 503	4	530	160,000	0 258 003 806		0 258 986 505	4	350	160,000
0 258 003 522	0 258 003 810	0 258 986 503	4	380	100,000	0 258 003 810		0 258 986 503	4	600	100,000
0 258 003 523	0 258 003 810	0 258 986 503	4	480	100,000	0 258 003 819		0 258 986 507	4	600	160,000
0 258 003 524		0 258 986 502	3	440	160,000	0 258 003 820		0 258 986 505	4	1,000	160,000
0 258 003 542		0 258 986 505	4	480	160,000	0 258 003 821		0 258 986 502	3	690	100,000
0 258 003 548		0 258 986 503	4	910	160,000	0 258 003 823		0 258 986 505	4	880	160,000
0 258 003 559		0 258 986 505	4	370	160,000	0 258 003 829		0 258 986 503	4	1,105	80,000
0 258 003 561		0 258 986 505	4	765	160,000	0 258 003 840	0 258 005 063	0 258 986 505	4	680	160,000
0 258 003 564		0 258 986 505	4	580	160,000	0 258 003 842		0 258 986 505	4	750	160,000
0 258 003 570	0 258 003 390	0 258 986 506	4	1,165	100,000	0 258 003 848	0 258 005 143	0 258 986 505	4	490	160,000
0 258 003 571		0 258 986 506	4	510	160,000	0 258 003 855		0 258 986 507	4	300	160,000
0 258 003 577		0 258 986 505	4	870	160,000	0 258 003 862		0 258 986 505	4	640	160,000
0 258 003 584		0 258 986 506	4	690	160,000	0 258 003 864		0 258 986 505	4	290	160,000
0 258 003 592	0 258 005 098	0 258 986 505	4	1,700	160,000	0 258 003 868		0 258 986 503	4	690	160,000
0 258 003 597		0 258 986 503	4	560	160,000	0 258 003 870		0 258 986 507	4	1,000	160,000
0 258 003 603	0 258 005 099	0 258 986 505	4	2,160	160,000	0 258 003 897		0 258 986 502	3	1,200	160,000
0 258 003 626		0 258 986 505	4	530	160,000	0 258 003 918		0 258 986 502	3	582	100,000
0 258 003 638		0 258 986 505	4	280	160,000	0 258 003 924		0 258 986 502	3	715	100,000
0 258 003 640		0 258 986 505	4	770	160,000	0 258 003 925		0 258 986 502	3	780	100,000
0 258 003 642		0 258 986 505	4	480	160,000	0 258 003 926		0 258 986 502	3	990	100,000
0 258 003 645		0 258 986 505	4	1,035	160,000	0 258 003 930		0 258 986 502	3	700	100,000



# Cross Reference Direct Fit to Universal Sensor

## Including Test and Replacement Intervals

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 003 931	0 258 003 957	0 258 986 502	3	700	100,000
0 258 003 950		0 258 986 502	3	422	100,000
0 258 003 957		0 258 986 502	3	1,236	100,000
0 258 003 970			3	422	100,000
0 258 003 973	0 258 003 936	0 258 986 502	3	1,400	100,000
0 258 003 995		0 258 986 504	3	989	80,000
0 258 005 005		0 258 986 505	4	180	160,000
0 258 005 062		0 258 986 505	4	1,765	160,000
0 258 005 063		0 258 986 505	4	685	160,000
0 258 005 074		0 258 986 505	4	720	160,000
0 258 005 079		0 258 986 505	4	490	160,000
0 258 005 081		0 258 986 505	4	720	160,000
0 258 005 083		0 258 986 507	4	1,150	160,000
0 258 005 088		0 258 986 505	4	845	160,000
0 258 005 090		0 258 986 505	4	670	160,000
0 258 005 092		0 258 986 505	4	610	160,000
0 258 005 094		0 258 986 505	4	340	160,000
0 258 005 097		0 258 986 505	4	530	160,000
0 258 005 098		0 258 986 505	4	1,700	160,000
0 258 005 099		0 258 986 505	4	2,160	160,000
0 258 005 109		0 258 986 505	4	990	160,000
0 258 005 121	0 258 005 123	0 258 986 505	4	850	160,000
0 258 005 123		0 258 986 505	4	1,010	160,000
0 258 005 135		0 258 986 507	4	428	160,000
0 258 005 138		0 258 986 505	4	1,075	160,000
0 258 005 139		0 258 986 505	4	935	160,000
0 258 005 143		0 258 986 505	4	710	160,000
0 258 005 160		0 258 986 505	4	1,370	160,000
0 258 005 163		0 258 986 507	4	730	160,000
0 258 005 175		0 258 986 505	4	350	160,000
0 258 005 176		0 258 986 505	4	600	160,000
0 258 005 177		0 258 986 505	4	990	160,000
0 258 005 182		0 258 986 505	4	275	160,000
0 258 005 183		0 258 986 505	4	425	160,000
0 258 005 184		0 258 986 505	4	500	160,000
0 258 005 189	0 258 005 143	0 258 986 505	4	350	160,000
0 258 005 200		0 258 986 505	4	1,170	160,000
0 258 005 202		0 258 986 505	4	250	160,000
0 258 005 221		0 258 986 505	4	1,140	160,000
0 258 005 236		0 258 986 505	4	640	160,000
0 258 005 253		0 258 986 507	4	348	160,000
0 258 005 254		0 258 986 507	4	278	160,000
0 258 005 256		0 258 986 507	4	524	160,000
0 258 005 259		0 258 986 505	4	570	160,000
0 258 005 270		0 258 986 505	4	765	160,000
0 258 005 271		0 258 986 505	4	450	160,000
0 258 005 281		0 258 986 505	4	470	160,000
0 258 005 291		0 258 986 507	4	314	160,000
0 258 005 297		0 258 986 505	4	325	160,000
0 258 005 298		0 258 986 505	4	325	160,000
0 258 005 303		0 258 986 505	4	320	160,000
0 258 005 305		0 258 986 505	4	990	160,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 005 306		0 258 986 505	4	990	160,000
0 258 005 309		0 258 986 505	4	320	160,000
0 258 005 310		0 258 986 505	4	1,005	160,000
0 258 005 313		0 258 005 732	4	1,520	100,000
0 258 005 315		0 258 986 503	4	660	160,000
0 258 005 318	0 258 005 324	0 258 986 503	4	420	100,000
0 258 005 321		0 258 986 505	4	450	160,000
0 258 005 322		0 258 986 503	4	1,450	100,000
0 258 005 323		0 258 986 503	4	800	100,000
0 258 005 324		0 258 986 503	4	570	100,000
0 258 005 325		0 258 986 503	4	940	100,000
0 258 005 327		0 258 986 503	4	570	100,000
0 258 005 328		0 258 986 502	3	500	160,000
0 258 005 329		0 258 986 502	3	1,860	160,000
0 258 005 334		0 258 986 502	3	1,285	160,000
0 258 005 336		F 00H L00 057	4	540	160,000
0 258 005 337		F 00H L00 057	4	700	160,000
0 258 005 339		F 00H L00 057	4	370	160,000
0 258 005 342		F 00H L00 057	4	1,390	160,000
0 258 005 343		F 00H L00 057	4	1,340	160,000
0 258 005 701		0 258 986 504	3	410	160,000
0 258 005 703		0 258 005 732	4	335	160,000
0 258 005 704		0 258 986 507	4	580	160,000
0 258 005 705		0 258 986 507	4	330	160,000
0 258 005 708		0 258 986 507	4	510	160,000
0 258 005 710		0 258 986 507	4	382	160,000
0 258 005 711		0 258 005 728	4	510	160,000
0 258 005 716		0 258 986 507	4	300	160,000
0 258 005 717		0 258 986 507	4	422	160,000
0 258 005 718		0 258 986 507	4	511	160,000
0 258 005 720		0 258 005 732	4	417	160,000
0 258 005 722		0 258 986 507	4	493	160,000
0 258 005 726		0 258 986 504	3	755	160,000
0 258 005 728			4	755	160,000
0 258 005 729			4	755	160,000
0 258 005 730		0 258 986 507	4	755	
0 258 005 731			4	755	160,000
0 258 005 732			4	755	160,000
0 258 005 735		0 258 986 507	4	422	160,000
0 258 005 736		0 258 986 507	4	340	160,000
0 258 005 737		0 258 986 507	4	495	160,000
0 258 005 785		0 258 986 507	4	300	160,000
0 258 005 955		0 258 986 502	3	415	160,000
0 258 006 014		0 258 986 615	4	1,150	160,000
0 258 006 022		0 258 986 615	4	400	250,000
0 258 006 026		0 258 986 615	4	1,260	160,000
0 258 006 027		0 258 986 615	4	565	160,000
0 258 006 028		0 258 986 615	4	410	160,000
0 258 006 029		0 258 986 615	4	1,510	160,000
0 258 006 042	0 258 006 215	0 258 986 615	4	1,050	160,000
0 258 006 046		0 258 986 615	4	480	160,000
0 258 006 061	0 258 006 281	0 258 986 615	4	930	160,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's	Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 006 072	0 258 006 193	0 258 986 615	4	630	160,000	0 258 006 294		0 258 986 615	4	408	160,000
0 258 006 091	0 258 006 285	0 258 986 615	4	1,700	160,000	0 258 006 295		0 258 986 615	4	358	160,000
0 258 006 093	0 258 006 283	0 258 986 615	4	1,700	160,000	0 258 006 296		0 258 986 615	4	900	160,000
0 258 006 105	0 258 006 233	0 258 986 615	4	310	160,000	0 258 006 300		0 258 986 602	4	370	160,000
0 258 006 109	0 258 006 237	0 258 986 615	4	540	160,000	0 258 006 302		0 258 986 602	4	1,480	160,000
0 258 006 115	0 258 006 243	0 258 986 615	4	940	160,000	0 258 006 305		0 258 986 615	4	710	160,000
0 258 006 119	0 258 006 161	0 258 986 615	4	880	160,000	0 258 006 307		0 258 986 615	4	1,170	160,000
0 258 006 121	0 258 006 245	0 258 986 615	4	980	160,000	0 258 006 312		0 258 986 615	4	1,450	160,000
0 258 006 123		0 258 986 615	4	260	160,000	0 258 006 314		0 258 986 615	4	1,450	160,000
0 258 006 125		0 258 986 615	4	400	160,000	0 258 006 318		0 258 986 615	4	830	160,000
0 258 006 127		0 258 986 615	4	568	160,000	0 258 006 320		0 258 986 615	4	340	160,000
0 258 006 159		0 258 986 615	4	420	160,000	0 258 006 322		0 258 986 615	4	670	160,000
0 258 006 161		0 258 986 615	4	880	160,000	0 258 006 324		0 258 986 615	4	610	160,000
0 258 006 163		0 258 986 615	4	1,110	160,000	0 258 006 326		0 258 986 615	4	1,180	160,000
0 258 006 165		0 258 986 615	4	422	160,000	0 258 006 328		0 258 986 615	4	450	160,000
0 258 006 167		0 258 986 615	4	450	160,000	0 258 006 332		0 258 986 615	4	480	160,000
0 258 006 171		0 258 986 615	4	549	160,000	0 258 006 334		0 258 986 615	4	760	160,000
0 258 006 173		0 258 986 615	4	1,500	160,000	0 258 006 346		0 258 986 615	4	750	160,000
0 258 006 174		0 258 986 615	4	700	160,000	0 258 006 347		0 258 986 615	4	460	160,000
0 258 006 175		0 258 986 615	4	850	160,000	0 258 006 348		0 258 986 615	4	900	160,000
0 258 006 179		0 258 986 615	4	700	160,000	0 258 006 353		0 258 986 615	4	580	160,000
0 258 006 181		0 258 986 615	4	500	160,000	0 258 006 359		0 258 986 615	4	640	160,000
0 258 006 183		0 258 986 615	4	350	160,000	0 258 006 361		0 258 986 615	4	820	160,000
0 258 006 185		0 258 986 615	4	565	160,000	0 258 006 363		0 258 986 615	4	820	160,000
0 258 006 186		0 258 986 615	4	1,260	160,000	0 258 006 371		0 258 986 615	4	1,350	160,000
0 258 006 190		0 258 986 615	4	1,200	160,000	0 258 006 373		0 258 986 602	4	520	160,000
0 258 006 191	0 258 006 190	0 258 986 615	4	1,200	160,000	0 258 006 375		0 258 986 615	4	630	160,000
0 258 006 193		0 258 986 615	4	630	160,000	0 258 006 376		0 258 986 615	4	430	160,000
0 258 006 194	0 258 006 563	0 258 986 615	4	300	160,000	0 258 006 380		0 258 986 602	4	898	160,000
0 258 006 196		0 258 986 615	4	1,200	160,000	0 258 006 381		0 258 986 602	4	923	160,000
0 258 006 197		0 258 986 615	4	665	160,000	0 258 006 384		0 258 986 615	4	660	160,000
0 258 006 199		0 258 986 615	4	790	160,000	0 258 006 386		0 258 986 615	4	300	160,000
0 258 006 205		0 258 986 602	4	600	160,000	0 258 006 388		0 258 986 615	4	2,030	160,000
0 258 006 206		0 258 986 615	4	325	160,000	0 258 006 389		0 258 986 615	4	850	160,000
0 258 006 213		0 258 986 615	4	590	160,000	0 258 006 391		0 258 986 602	4	2,330	160,000
0 258 006 233		0 258 986 615	4	310	160,000	0 258 006 392		0 258 986 615	4	340	160,000
0 258 006 237		0 258 986 615	4	510	160,000	0 258 006 404		0 258 986 615	4	1,425	160,000
0 258 006 245		0 258 986 615	4	980	160,000	0 258 006 406		0 258 986 615	4	1,635	160,000
0 258 006 247		0 258 986 615	4	1,270	160,000	0 258 006 411		0 258 986 615	4	1,530	160,000
0 258 006 249		0 258 986 615	4	740	160,000	0 258 006 416		0 258 986 602	4	910	160,000
0 258 006 257		0 258 986 615	4	580	160,000	0 258 006 418		0 258 986 602	4	940	160,000
0 258 006 259		0 258 986 615	4	1,140	160,000	0 258 006 420		0 258 986 615	4	520	160,000
0 258 006 261		0 258 986 615	4	1,140	160,000	0 258 006 422		0 258 986 615	4	680	160,000
0 258 006 268		0 258 986 615	4	600	160,000	0 258 006 424		0 258 986 602	4	2,030	160,000
0 258 006 272		0 258 986 615	4	420	160,000	0 258 006 425		0 258 986 602	4	1,780	160,000
0 258 006 274		0 258 986 615	4	480	160,000	0 258 006 427		0 258 986 602	4	1,670	160,000
0 258 006 276		0 258 986 615	4	340	160,000	0 258 006 428		0 258 986 602	4	540	250,000
0 258 006 280		0 258 986 602	4	1,116	160,000	0 258 006 431		0 258 986 615	4	1,860	160,000
0 258 006 287		0 258 986 615	4	630	160,000	0 258 006 432		0 258 986 615	4	538	160,000
0 258 006 289		0 258 986 615	4	1,138	160,000	0 258 006 433		0 258 986 602	4	580	160,000
0 258 006 291		0 258 986 615	4	918	160,000	0 258 006 435		0 258 986 602	4	580	160,000
0 258 006 292		0 258 986 615	4	992	160,000	0 258 006 436		0 258 986 602	4	260	250,000

# Cross Reference Direct Fit to Universal Sensor

## Including Test and Replacement Intervals

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 006 438		0 258 986 602	4	450	250,000
0 258 006 442		0 258 986 615	4	1,450	160,000
0 258 006 444		0 258 986 615	4	1,450	160,000
0 258 006 446		0 258 986 602	4	790	250,000
0 258 006 447		0 258 986 602	4	975	250,000
0 258 006 448		0 258 986 602	4	685	250,000
0 258 006 452		0 258 986 602	4	880	160,000
0 258 006 456		0 258 986 602	4	700	250,000
0 258 006 458		0 258 986 602	4	820	160,000
0 258 006 464		0 258 986 602	4	578	160,000
0 258 006 471		0 258 986 615	4	760	160,000
0 258 006 473		0 258 986 602	4	400	250,000
0 258 006 475		0 258 986 602	4	660	250,000
0 258 006 481		0 258 986 602	4	340	250,000
0 258 006 486		0 258 986 615	4	700	160,000
0 258 006 488		0 258 986 602	4	1,060	250,000
0 258 006 498		0 258 986 602	4	790	250,000
0 258 006 499		0 258 986 602	4	300	250,000
0 258 006 501		0 258 986 602	4	549	250,000
0 258 006 506		0 258 986 602	4	290	160,000
0 258 006 507		0 258 986 602	4	285	160,000
0 258 006 508		0 258 986 602	4	430	160,000
0 258 006 509		0 258 986 602	4	940	160,000
0 258 006 513		0 258 986 602	4	315	250,000
0 258 006 522		0 258 986 602	4	665	250,000
0 258 006 523		0 258 986 602	4	640	250,000
0 258 006 524		0 258 986 602	4	610	250,000
0 258 006 525		0 258 986 615	4	870	160,000
0 258 006 527		0 258 986 615	4	910	160,000
0 258 006 541		0 258 986 602	4	740	250,000
0 258 006 544		0 258 986 615	4	880	160,000
0 258 006 547		0 258 986 602	4	800	160,000
0 258 006 549		0 258 986 602	4	580	160,000
0 258 006 553		0 258 986 602	4	1,010	250,000
0 258 006 555		0 258 986 602	4	1,120	250,000
0 258 006 557		0 258 986 602	4	530	160,000
0 258 006 559		0 258 986 602	4	770	160,000
0 258 006 563		0 258 986 615	4	310	160,000
0 258 006 566		0 258 986 602	4	478	250,000
0 258 006 568		0 258 986 602	4	348	250,000
0 258 006 569		0 258 986 602	4	660	250,000
0 258 006 573		0 258 986 602	4	435	250,000
0 258 006 582		0 258 986 615	4	1,230	160,000
0 258 006 584		0 258 986 615	4	1,450	160,000
0 258 006 589		0 258 986 602	4	870	160,000
0 258 006 591		0 258 986 602	4	620	160,000
0 258 006 611		0 258 986 602	4	690	160,000
0 258 006 613		0 258 986 602	4	540	160,000
0 258 006 617		0 258 986 602	4	1,520	160,000
0 258 006 623		0 258 986 615	4	443	160,000
0 258 006 624		0 258 986 615	4	858	160,000
0 258 006 659		0 258 986 602	4	820	160,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 006 661		0 258 986 602	4	820	160,000
0 258 006 663		0 258 986 602	4	1,550	160,000
0 258 006 665		0 258 986 602	4	1,640	160,000
0 258 006 667		0 258 986 602	4	1,720	160,000
0 258 006 669		0 258 986 602	4	1,700	160,000
0 258 006 671		0 258 986 602	4	540	250,000
0 258 006 682		0 258 986 602	4	770	250,000
0 258 006 683		0 258 986 602	4	540	160,000
0 258 006 685	0 258 006 835	0 258 986 602	4	670	160,000
0 258 006 687	0 258 006 749	0 258 986 602	4	330	250,000
0 258 006 697		0 258 986 602	4	775	250,000
0 258 006 704		0 258 986 602	4	500	250,000
0 258 006 713		0 258 986 602	4	758	250,000
0 258 006 718		0 258 986 602	4	658	250,000
0 258 006 732		0 258 986 602	4	448	250,000
0 258 006 735		0 258 986 602	4	388	250,000
0 258 006 737		0 258 986 602	4	518	250,000
0 258 006 738		0 258 986 602	4	850	250,000
0 258 006 741		0 258 986 602	4	525	250,000
0 258 006 743		0 258 986 602	4	400	250,000
0 258 006 747		0 258 986 602	4	490	250,000
0 258 006 749		0 258 986 602	4	330	250,000
0 258 006 755		0 258 986 602	4	560	250,000
0 258 006 760		0 258 986 602	4	558	250,000
0 258 006 762		0 258 986 602	4	733	250,000
0 258 006 767		0 258 986 602	4	800	250,000
0 258 006 769		0 258 986 602	4	743	250,000
0 258 006 785		0 258 986 602	4	820	250,000
0 258 006 789		0 258 986 602	4	470	250,000
0 258 006 790		0 258 986 602	4	510	250,000
0 258 006 792		0 258 986 602	4	450	250,000
0 258 006 793		0 258 986 602	4	325	250,000
0 258 006 794		0 258 986 602	4	450	250,000
0 258 006 795		0 258 986 602	4	560	250,000
0 258 006 796		0 258 986 602	4	490	250,000
0 258 006 797		0 258 986 602	4	715	160,000
0 258 006 800		0 258 986 602	4	580	160,000
0 258 006 802		0 258 986 602	4	310	250,000
0 258 006 808		0 258 986 602	4	430	250,000
0 258 006 809		0 258 986 602	4	380	250,000
0 258 006 810		0 258 986 602	4	790	250,000
0 258 006 816		0 258 986 602	4	690	250,000
0 258 006 824		0 258 986 602	4	550	250,000
0 258 006 825		0 258 986 602	4	580	250,000
0 258 006 837		0 258 986 602	4	500	160,000
0 258 006 839		0 258 986 602	4	710	160,000
0 258 006 847		0 258 986 615	4	680	160,000
0 258 006 849		0 258 986 602	4	1,320	160,000
0 258 006 851		0 258 986 602	4	1,300	160,000
0 258 006 857		0 258 986 602	4	540	250,000
0 258 006 862		0 258 986 602	4	610	160,000
0 258 006 864		0 258 986 602	4	325	250,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's	Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 006 865		0 258 986 602	4	983	250,000	0 258 007 156			5	410	160,000
0 258 006 867		0 258 986 602	4	1,174	250,000	0 258 007 157			5	1,470	250,000
0 258 006 869		0 258 986 602	4	920	250,000	0 258 007 158			5	1,490	250,000
0 258 006 887		0 258 986 602	4	350	160,000	0 258 007 159			5	650	250,000
0 258 006 889		0 258 986 602	4	320	160,000	0 258 007 160			5	620	250,000
0 258 006 891		0 258 986 602	4	580	160,000	0 258 007 161			5	850	250,000
0 258 006 893		0 258 986 602	4	850	160,000	0 258 007 165	0 258 007 357		5	640	250,000
0 258 006 895		0 258 986 602	4	710	160,000	0 258 007 174			5	800	250,000
0 258 006 910		0 258 986 602	4	640	250,000	0 258 007 177			5	320	250,000
0 258 006 913		0 258 986 602	4	690	250,000	0 258 007 185			5	400	250,000
0 258 006 916		0 258 986 602	4	790	250,000	0 258 007 187			5	1,230	250,000
0 258 006 919		0 258 986 602	4	575	160,000	0 258 007 188			5	1,020	250,000
0 258 006 949		0 258 986 602	4	380	250,000	0 258 007 191			5	1,510	160,000
0 258 006 951		0 258 986 602	4	700	250,000	0 258 007 193			5	1,210	160,000
0 258 006 960		0 258 986 602	4	775	250,000	0 258 007 200			5	675	250,000
0 258 006 962		0 258 986 602	4	693	250,000	0 258 007 204			5	400	250,000
0 258 006 965		0 258 986 602	4	640	250,000	0 258 007 208			5	620	250,000
0 258 006 977		0 258 986 602	4	480	250,000	0 258 007 215			5	1,010	250,000
0 258 006 988		0 258 986 615	4	358	160,000	0 258 007 216			5	1,010	250,000
0 258 006 992		0 258 986 602	4	325	250,000	0 258 007 221			5	420	250,000
0 258 006 993		0 258 986 602	4	470	250,000	0 258 007 223	0 258 007 357		5	400	250,000
0 258 007 001			5	500	160,000	0 258 007 225	0 258 007 357		5	650	250,000
0 258 007 036			5	800	160,000	0 258 007 227			5	760	160,000
0 258 007 038			5	530	160,000	0 258 007 229	0 258 007 351		5	1,230	160,000
0 258 007 044			5	750	160,000	0 258 007 235			5	1,440	250,000
0 258 007 049			5	980	160,000	0 258 007 237			5	1,300	250,000
0 258 007 057			5	760	160,000	0 258 007 239			5	620	250,000
0 258 007 063			5	1,150	160,000	0 258 007 240			5	560	250,000
0 258 007 070			5	1,230	160,000	0 258 007 243			5	1,050	250,000
0 258 007 073			5	1,030	160,000	0 258 007 254			5	480	250,000
0 258 007 075	0 258 007 351		5	1,030	160,000	0 258 007 255			5	840	250,000
0 258 007 085			5	1,090	160,000	0 258 007 256			5	480	250,000
0 258 007 090			5	1,200	160,000	0 258 007 258	0 258 007 357		5	700	250,000
0 258 007 095			5	340	160,000	0 258 007 260	0 258 007 361		5	1,720	250,000
0 258 007 097			5	480	160,000	0 258 007 262	0 258 007 361		5	1,580	250,000
0 258 007 109			5	920	160,000	0 258 007 264			5	400	250,000
0 258 007 113			5	850	160,000	0 258 007 266	0 258 007 353		5	650	160,000
0 258 007 121	0 258 007 361		5	1,030	250,000	0 258 007 272			5	1,000	160,000
0 258 007 123			5	1,030	250,000	0 258 007 273			5	550	250,000
0 258 007 125			5	760	250,000	0 258 007 274			5	720	250,000
0 258 007 135			5	900	250,000	0 258 007 276			5	790	250,000
0 258 007 136			5	1,060	250,000	0 258 007 277			5	950	250,000
0 258 007 137			5	1,180	250,000	0 258 007 278			5	550	250,000
0 258 007 138			5	520	250,000	0 258 007 290			5	1,070	250,000
0 258 007 140			5	800	250,000	0 258 007 296	0 258 007 363		5	730	250,000
0 258 007 142			5	360	250,000	0 258 007 298	0 258 007 363		5	600	250,000
0 258 007 143			5	360	250,000	0 258 007 301			5	410	160,000
0 258 007 144			5	550	250,000	0 258 007 302			5	600	160,000
0 258 007 145			5	680	250,000	0 258 007 307			5	585	250,000
0 258 007 146			5	680	250,000	0 258 007 311	0 258 007 351		5	1,350	160,000
0 258 007 149			5	1,000	250,000	0 258 007 313	0 258 007 361		5	1,220	250,000
0 258 007 152	0 258 007 361		5	1,030	250,000	0 258 007 315	0 258 007 361		5	760	250,000

## Cross Reference Direct Fit to Universal Sensor

### Including Test and Replacement Intervals

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's	Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 007 318	0 258 007 363		5	1,270	250,000	0 258 017 088	0 258 017 180		5	800	250,000
0 258 007 320			5	480	250,000	0 258 017 090			5	350	250,000
0 258 007 322	0 258 007 363		5	1,330	250,000	0 258 017 091			5	1,100	250,000
0 258 007 324			5	640	250,000	0 258 017 092			5	950	250,000
0 258 007 326			5	800	250,000	0 258 017 093			5	550	250,000
0 258 007 328			5	340	250,000	0 258 017 094			5	1,050	250,000
0 258 007 330			5	310	250,000	0 258 017 095			5	830	250,000
0 258 007 332			5	580	250,000	0 258 017 098			5	1,400	250,000
0 258 007 333			5	730	250,000	0 258 017 099			5	910	250,000
0 258 007 334	0 258 007 363		5	735	250,000	0 258 017 100			5	910	250,000
0 258 007 336	0 258 007 363		5	590	250,000	0 258 017 101			5	1,100	250,000
0 258 007 338			5	850	250,000	0 258 017 102			5	1,200	250,000
0 258 007 343	0 258 007 363		5	530	250,000	0 258 017 107			5	420	250,000
0 258 007 345	0 258 007 363		5	930	250,000	0 258 017 110			5	1,400	250,000
0 258 007 347	0 258 007 363		5	1,720	250,000	0 258 017 111			5	560	250,000
0 258 007 349	0 258 007 363		5	1,580	250,000	0 258 017 112			5	710	250,000
0 258 007 351			5	1,510	250,000	0 258 017 113			5	320	250,000
0 258 010 002		0 258 986 602	4	545	250,000	0 258 017 116			5	1,540	250,000
0 258 010 015		0 258 986 602	4	960	250,000	0 258 017 118			5	410	250,000
0 258 010 044		0 258 986 602	4	550	250,000	0 258 017 121			5	830	250,000
0 258 010 046		0 258 986 615	4	560	160,000	0 258 017 123			5	500	250,000
0 258 010 047			4	500	250,000	0 258 017 124			5	950	250,000
0 258 010 063			4	855	250,000	0 258 017 125			5	620	250,000
0 258 017 002	0 258 017 176		5	710	250,000	0 258 017 126			5	680	250,000
0 258 017 006			5	560	250,000	0 258 017 127			5	1,455	250,000
0 258 017 008	0 258 017 176		5	520	250,000	0 258 017 128			5	710	250,000
0 258 017 010			5	830	250,000	0 258 017 129			5	1,100	250,000
0 258 017 012			5	1,060	250,000	0 258 017 131			5	550	250,000
0 258 017 014			5	350	250,000	0 258 017 134			5	350	250,000
0 258 017 016			5	560	250,000	0 258 017 149	0 258 017 178		5	310	250,000
0 258 017 018			5	830	250,000	0 258 017 151			5	800	250,000
0 258 017 020			5	1,260	250,000	0 258 017 153	0 258 017 178		5	340	250,000
0 258 017 025			5	1,000	250,000	0 258 017 155			5	640	250,000
0 258 017 026	0 258 017 180		5	800	250,000	0 258 017 157	0 258 017 178		5	480	250,000
0 258 017 028			5	650	250,000	0 258 017 159	0 258 017 182		5	1,270	250,000
0 258 017 029			5	620	250,000	0 258 017 161	0 258 017 178		5	480	250,000
0 258 017 030			5	1,200	250,000	0 258 017 163	0 258 017 182		5	1,330	250,000
0 258 017 036			5	380	250,000	0 258 017 169			5	550	250,000
0 258 017 038			5	340	250,000	0 258 017 184			5	1,475	250,000
0 258 017 043			5	510	250,000	0 258 986 001		F 00H L00 091	2	570	50,000
0 258 017 044			5	590	250,000	0 258 986 007		F 00H L00 057	4	380	160,000
0 258 017 048			5	470	250,000	0 258 986 501			1	165	50,000
0 258 017 049			5	550	250,000	0 258 986 502			3	670	160,000
0 258 017 051			5	620	250,000	0 258 986 503			4	670	160,000
0 258 017 052			5	625	250,000	0 258 986 504			3	670	160,000
0 258 017 053	0 258 017 180		5	900	250,000	0 258 986 505			4	670	160,000
0 258 017 068			5	770	250,000	0 258 986 506			4	670	160,000
0 258 017 070			5	730	250,000	0 258 986 507			4	670	160,000
0 258 017 080			5	560	250,000	0 258 986 601		0 258 986 505	4	1,120	160,000
0 258 017 082	0 258 017 176		5	390	250,000	0 258 986 602			4	670	160,000
0 258 017 084	0 258 017 178		5	340	250,000	0 258 986 603		0 258 986 602	4	422	250,000
0 258 017 086	0 258 017 176		5	710	250,000	0 258 986 604		0 258 986 602	4	310	250,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
0 258 986 605		0 258 986 602	4	610	250,000
0 258 986 606		0 258 986 602	4	565	250,000
0 258 986 607		0 258 986 602	4	750	250,000
0 258 986 611		0 258 986 602	4	340	250,000
0 258 986 612		0 258 986 602	4	500	250,000
0 258 986 615			4	670	160,000
0 258 986 617			4	760	160,000
0 258 986 618					
0 258 986 627		0 258 986 602	4	380	250,000
0 258 986 687		0 258 986 602	4		160,000
0 281 004 003			5	1,060	250,000
0 281 004 005			5	1,000	250,000
0 281 004 012			5	900	250,000
0 281 004 014			5	900	250,000
0 281 004 018			5	380	250,000
0 281 004 019			5	470	250,000
0 281 004 022			5	970	250,000
0 281 004 024			5	1,060	250,000
0 281 004 026			5	400	250,000
0 281 004 028			5	540	250,000
0 281 004 030			5	1,025	250,000
0 281 004 032			5	1,215	250,000
0 281 004 036			5	560	250,000
0 281 004 038			5	1,100	250,000
0 281 004 040			5	481	250,000
0 281 004 042			5	695	250,000
0 281 004 044			5	400	250,000
0 281 004 051			5	410	250,000
0 281 004 054			5	500	250,000
0 281 004 056			5	720	250,000
0 281 004 058			5	790	250,000
0 281 004 062			5	940	250,000
0 281 004 066			5	580	250,000
0 281 004 069			5	425	250,000
0 281 004 072			5	310	250,000
0 281 004 075			5	770	250,000
0 281 004 077			5	720	250,000
0 281 004 083			5	490	250,000
0 281 004 085			5	650	250,000
0 281 004 093			5	360	250,000
0 986 258 002			3	285	160,000
0 986 258 007	0 258 986 007	F 00HL00 057	4	380	160,000
0 986 258 010		0 258 986 504	3	350	160,000
0 986 258 014	F 00HL00 102	0 258 986 504	3	350	160,000
0 986 258 021	0 258 001 051	0 258 986 501	1	560	50,000
0 986 258 022	F 00HL00 030	0 258 986 501	1	280	50,000
0 986 258 024		0 258 986 501	1	340	160,000
2 269 013 000	0 258 001 051	0 258 986 501	1	500	50,000
2 269 013 001	0 258 001 051	0 258 986 501	1	500	50,000
2 269 013 002	F 00HL00 030	0 258 986 501	1	240	50,000
2 269 013 003	F 00HL00 030	0 258 986 501	1	240	50,000
2 269 013 005	F 00HL00 030	0 258 986 501	1	240	50,000

Original Sensor	Direct Fit Supersession	Universal Sensor	No. of wires	Overall Length mm's	Check Interval km's
2 269 013 006	F 00HL00 020	0 258 986 504	3	1,850	160,000
2 269 013 007	F 00HL00 102	0 258 986 504	3	385	160,000
2 269 013 008	F 00HL00 006	0 258 986 504	3	340	160,000
2 269 013 031	0 258 003 445	0 258 986 504	3	470	160,000
2 269 013 224	F 00HL00 114		3	480	160,000
2 269 013 228	F 00HL00 117		3	960	160,000
2 269 013 242	F 00HL00 044	0 258 986 504	3	820	160,000
2 269 013 250	F 00HL00 053	0 258 986 504	3	480	160,000
2 269 013 255			3	180	160,000
2 269 013 419	F 00HL00 053	0 258 986 504	3	480	160,000
9 250 060 016		0 258 986 501	1	930	160,000
F 00E 260 820			4		160,000
F 00E 261 104			4		160,000
F 00E 261 264			4	1,100	160,000
F 00E 261 358			3	550	160,000
F 00E 262 888			4	780	100,000
F 00HL00 006		0 258 986 504	3	340	160,000
F 00HL00 020		0 258 986 504	3	1,850	160,000
F 00HL00 030		0 258 986 501	1	241	160,000
F 00HL00 034		0 258 986 507	4	670	160,000
F 00HL00 036		0 258 986 507	4	375	160,000
F 00HL00 038		0 258 986 502	3	340	160,000
F 00HL00 044		0 258 986 504	3	820	160,000
F 00HL00 048		0 258 986 507	4	340	160,000
F 00HL00 049		0 258 986 507	4	593	160,000
F 00HL00 050		0 258 986 507	4	790	160,000
F 00HL00 052		0 258 986 507	4	340	160,000
F 00HL00 053		0 258 986 504	3	480	160,000
F 00HL00 057			4	1,000	160,000
F 00HL00 081	0 258 005 704	0 258 005 728	4	550	160,000
F 00HL00 091			2	670	50,000
F 00HL00 093		0 258 986 507	4	400	160,000
F 00HL00 102		0 258 986 504	3	385	160,000
F 00HL00 114			3	480	160,000
F 00HL00 117			3	960	160,000
F 00HL00 130		0 258 986 504	3	600	160,000
F 00HL00 172		0 258 002 210	2	1,110	80,000







**0 258 001 051**  
Audi



**0 258 002 014**  
Daewoo, Holden, Suzuki, Toyota



**0 258 002 028**  
Holden, Toyota



**0 258 002 031**  
Daihatsu, Holden, Lexus, Mitsubishi, Toyota



**0 258 002 038**  
Mitsubishi



**0 258 002 050**  
Honda, Rover



**0 258 002 051**  
Daihatsu, Holden, Lexus, Mitsubishi, Toyota



**0 258 002 053**  
Hyundai, Mitsubishi, Subaru



**0 258 002 054**  
Ford, Mazda



**0 258 002 055**  
Suzuki, Rover



**0 258 002 061**  
Ford



**0 258 002 201**  
Holden, Toyota





**0 258 002 210**  
Ford, Holden, Mazda, Mitsubishi, Toyota



**0 258 002 909**  
Ford



**0 258 003 003**  
Porsche



**0 258 003 005**  
Alfa Romeo



**0 258 003 008**  
BMW



**0 258 003 011**  
Porsche



**0 258 003 012**  
**Porsche**



**0 258 003 016**  
**Bentley, Rolls Royce**



**0 258 003 034**  
**Volvo**



**0 258 003 037**  
**BMW**



**0 258 003 038**  
**BMW**



**0 258 003 045**  
**BMW**





**0 258 003 046**  
**Peugeot**



**0 258 003 048**  
**Porsche**



**0 258 003 049**  
**BMW**



**0 258 003 060**  
**Alfa Romeo, Volvo**



**0 258 003 068**  
**BMW**



**0 258 003 074**  
**Peugeot**



**0 258 003 078**  
Citroen, Peugeot



**0 258 003 109**  
BMW



**0 258 003 119**  
Volvo



**0 258 003 130**  
Mercedes Benz



**0 258 003 134**  
Mercedes Benz



**0 258 003 141**  
Holden







**0 258 003 146**  
Mercedes Benz



**0 258 003 156**  
Mercedes Benz



**0 258 003 160**  
Mercedes Benz



**0 258 003 181**  
Volkswagen



**0 258 003 189**  
Renault



**0 258 003 203**  
Citroen, Peugeot



**0 258 003 211**  
**Volkswagen**



**0 258 003 218**  
**Hyundai**



**0 258 003 222**  
**Ferrari**



**0 258 003 239**  
**Citroen**



**0 258 003 251**  
**BMW**



**0 258 003 320**  
**Mercedes Benz**





**0 258 003 326**  
**Mercedes Benz**



**0 258 003 330**  
**Rolls Royce**



**0 258 003 338**  
**BMW**



**0 258 003 369**  
**Porsche**



**0 258 003 370**  
**SAAB**



**0 258 003 373**  
**Volvo**



**0 258 003 376**  
Volvo



**0 258 003 380**  
Volvo



**0 258 003 381**  
Volvo



**0 258 003 383**  
Proton



**0 258 003 396**  
Audi



**0 258 003 427**  
Mercedes Benz





**0 258 003 429**  
Mercedes Benz



**0 258 003 439**  
Seat, Volkswagen



**0 258 003 445**  
Subaru



**0 258 003 448**  
Holden, Renault



**0 258 003 461**  
Kia



**0 258 003 475**  
BMW





**0 258 003 477**  
BMW, Landrover



**0 258 003 478**  
Audi, Volkswagen



**0 258 003 513**  
Mercedes Benz



**0 258 003 517**  
Volvo



**0 258 003 524**  
Audi



**0 258 003 542**  
Seat







**0 258 003 548**  
Seat, Volkswagen



**0 258 003 559**  
BMW



**0 258 003 564**  
Porsche



**0 258 003 640**  
Mercedes Benz



**0 258 003 642**  
Mercedes Benz



**0 258 003 645**  
Bentley, Rolls Royce



**0 258 003 662**  
**SAAB**



**0 258 003 703**  
**Mazda**



**0 258 003 705**  
**Peugeot**



**0 258 003 714**  
**Ford**



**0 258 003 716**  
**Citroen**



**0 258 003 717**  
**Citroen, Peugeot**





**0 258 003 718**  
Peugeot



**0 258 003 719**  
Citroen



**0 258 003 740**  
Audi, Volkswagen



**0 258 003 748**  
BMW



**0 258 003 749**  
BMW



**0 258 003 759**  
Audi, Seat, Volkswagen



**0 258 003 774**  
Kia



**0 258 003 782**  
Mercedes Benz



**0 258 003 786**  
Mercedes Benz



**0 258 003 798**  
Mercedes Benz



**0 258 003 806**  
Porsche



**0 258 003 810**  
BMW





**0 258 003 819**  
Ferrari



**0 258 003 842**  
Audi, Volkswagen



**0 258 003 854**  
BMW



**0 258 003 855**  
Mercedes Benz



**0 258 003 862**  
Mercedes Benz



**0 258 003 870**  
Mercedes Benz





**0 258 003 915**  
**Mercedes Benz**



**0 258 003 918**  
**Porsche**



**0 258 003 924**  
**Mercedes Benz**



**0 258 003 925**  
**Mercedes Benz**



**0 258 003 926**  
**Mercedes Benz**



**0 258 003 930**  
**Mercedes Benz**







**0 258 003 950**  
Ford



**0 258 003 957**  
Audi, Citroen, Hyundai,  
Jaguar, SAAB, Volkswagen, Volvo



**0 258 005 005**  
Mercedes Benz



**0 258 005 074**  
SAAB



**0 258 005 081**  
Audi, Volkswagen



**0 258 005 083**  
Mercedes Benz



**0 258 005 088**  
**Mercedes Benz**



**0 258 005 090**  
**Mercedes Benz**



**0 258 005 097**  
**Volvo**



**0 258 005 098**  
**Volvo**



**0 258 005 123**  
**Volkswagen**



**0 258 005 139**  
**BMW**





**0 258 005 143**  
Audi



**0 258 005 160**  
Audi



**0 258 005 177**  
BMW



**0 258 005 297**  
BMW



**0 258 005 313**  
BMW



**0 258 005 322**  
BMW



**0 258 005 324**  
**BMW**



**0 258 005 325**  
**BMW**



**0 258 005 334**  
**SAAB**



**0 258 005 701**  
**Suzuki**



**0 258 005 703**  
**Holden, Toyota**



**0 258 005 704**  
**Chrysler, Jeep**







**0 258 005 718**  
Ford



**0 258 005 719**  
Ford



**0 258 005 720**  
Holden



**0 258 005 722**  
Chrysler, Jeep



**0 258 005 728\***  
Universal [4 wire]



**0 258 005 732\***  
Universal [4 wire]

\* More detail on page C3







**0 258 005 735**  
**Ford**



**0 258 006 065\***  
**Motorsport / Industrial use [600mm cable]**



**0 258 006 066\***  
**Motorsport / Industrial use [460mm cable]**



**0 258 006 123**  
**Mercedes Benz, Smart**



**0 258 006 167**  
**Mercedes Benz**



**0 258 006 199**  
**Volvo**

\* More detail on page D8



**0 258 006 245**  
**Volkswagen**



**0 258 006 249**  
**Audi**



**0 258 006 272**  
**Mercedes Benz**



**0 258 006 274**  
**Mercedes Benz**



**0 258 006 276**  
**Mercedes Benz**



**0 258 006 287**  
**Audi, Volkswagen**





**0 258 006 307**  
**Audi, Volkswagen**



**0 258 006 743**  
**Holden**



**0 258 007 036**  
**Volvo**



**0 258 007 044**  
**Porsche**



**0 258 007 057**  
**Audi, Volkswagen**



**0 258 007 070**  
**Volvo**



**0 258 007 144**  
**BMW**



**0 258 007 146**  
**BMW**



**0 258 007 200**  
**Holden**



**0 258 007 351**  
**Audi, Volkswagen**



**0 258 104 002\***  
**Motorsport / Industrial use [2500mm cable]**



**0 258 104 004\***  
**Motorsport / Industrial use [650mm cable]**

\* More detail on page D4





**0 258 986 001**  
Holden



**0 258 986 501\***  
Universal [single wire]



**0 258 986 502\***  
Universal [3 wire]



**0 258 986 503\***  
Universal [4 wire]



**0 258 986 504\***  
Universal [3 wire]



**0 258 986 505\***  
Universal [4 wire]

\* More detail on page C3



**0 258 986 506\***  
**Universal [4 wire]**



**0 258 986 507\***  
**Universal [4 wire]**



**0 258 986 602\***  
**Universal [4 wire]**



**0 258 986 603**  
**Ford**



**0 258 986 604**  
**Honda**



**0 258 986 605**  
**Honda**

\* More detail on page C3







**0 258 986 606**  
Lexus, Toyota



**0 258 986 617\***  
Universal [4 wire]



**0 986 258 007**  
Hyundai



**2 269 013 255**  
Subaru



**9 250 060 016**  
Mitsubishi



**F 00H L00 006**  
Nissan

\* More detail on page C3



**F 00H L00 020**  
Nissan



**F 00H L00 030**  
Nissan



**F 00H L00 034**  
Ford



**F 00H L00 036**  
Holden



**F 00H L00 044**  
Nissan



**F 00H L00 048**  
Chrysler





**F 00H L00 050**  
Mitsubishi



**F 00H L00 053**  
Subaru



**F 00H L00 102**  
Nissan



**F 00H L00 114**  
Nissan



**F 00H L00 117**  
Nissan



**F 00H L00 130**  
Nissan

## Wiring Harness Repair Components

### Connector Plug Kits

The following kits include connector plug, full set of terminals and high temperature silicon rubber boot.

Description	Part Number
2 Pin Male kit	1 287 013 002
2 Pin Female kit	1 287 013 003
3 Pin Male Kit	1 287 013 901
3 Pin Female Kit	1 237 000 039
4 Pin Female Kit	1 287 013 900
6 Pin Female Kit	D 261 205 138 [ suitable for LSU 4 sensor part # 0 258 006 065 / 066 ]



### Protective Rubber Boots

High temperature silicon protective boots to stop water ingress and moisture entering connections

Description	Part Number
Boot for 2 pin housings	1 280 703 026
Boot for 3 pin housings	1 280 703 022
Boot for 4 pin housings	1 280 703 023
Boot for 5 pin housings	1 280 703 024



### Electrical Terminals

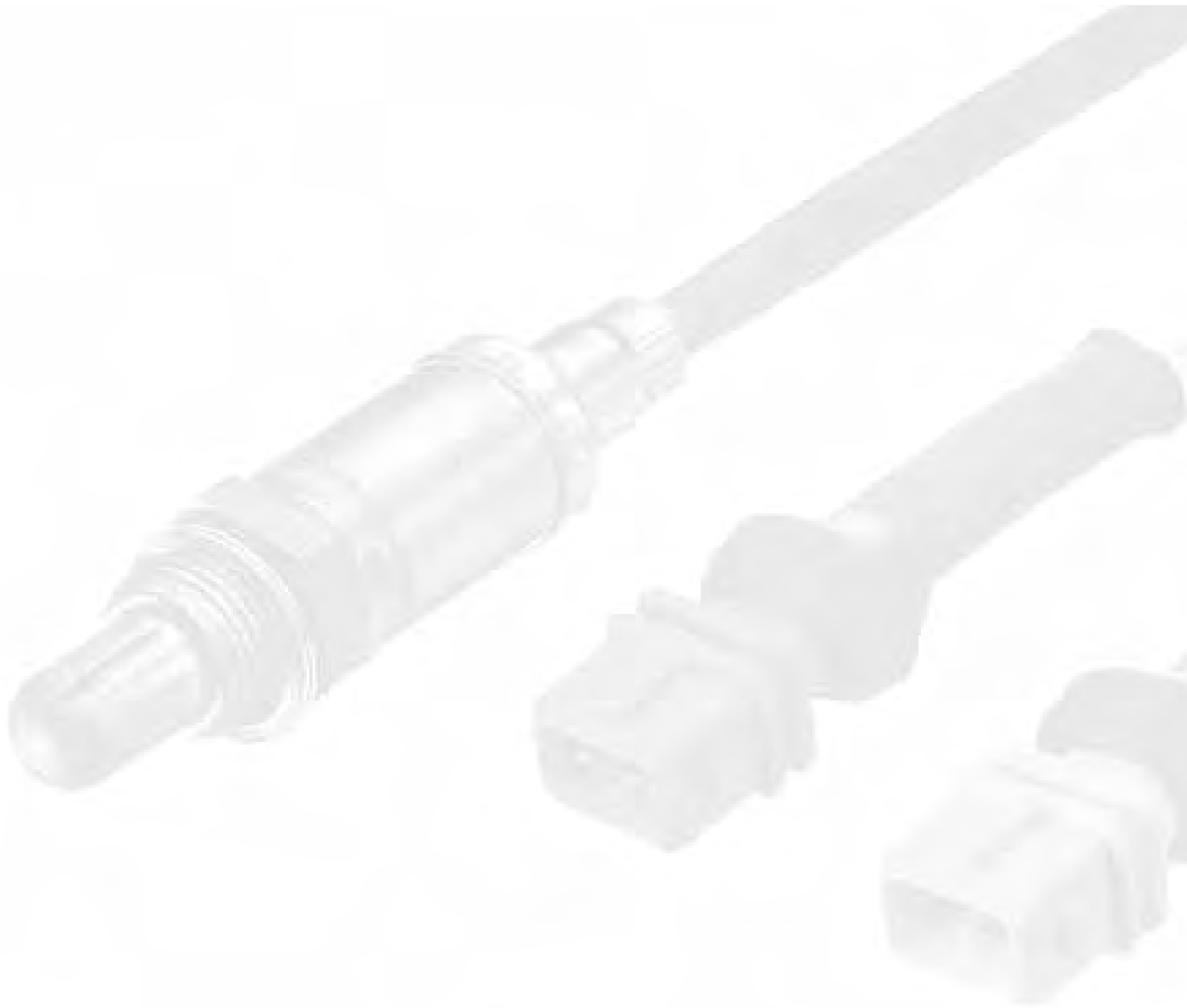
High quality zinc plated contact terminals for wiring harness repair

Description	Part Number
Standard male terminal [cable size 0.5 - 1.0mm]	1 234 477 014
Standard Female Terminal [cable size 0.5 - 1.0mm]	1 284 477 121





## Motorsport and Industrial Applications





## Supporting Stone Brothers Racing



Bosch is a leading global supplier of automotive parts, services and technology. Today, virtually every make of a car includes Bosch products or technology, which is recognised for their quality, reliability and high performance.

Bosch has been a proud supporter of the Stone Brothers Racing team since 2003. SBR race vehicles are fitted with many “off the shelf” Bosch products such as spark plugs, ignition leads, fuel pumps, wipers, filters, oxygen sensors, injectors and temperature sensors demonstrating their ability to stand up to tough racing conditions.

With three V8 Supercar championships to date, Stone Brothers Racing and Bosch continue to work closely to develop the best possible race vehicle.

For further information on Bosch automotive products and accessories please go to [www.bosch.com.au](http://www.bosch.com.au)



## Product Usage Warning

### Use of Bosch products for motorsport applications – Important information.

- ▶ Individual warnings relating to certain products are located at the bottom of each section. These warnings should also be adhered to where applicable.

### Technical specifications are a guide only.

- ▶ The component specifications detailed within this information have been compiled by Bosch Australia as indicative operational and dimensional technical specifications only. The precise performance of a component during ordinary use will vary in accordance with a variety of environmental factors.
- ▶ Dimensional drawings and images shown within this information are representative only and are not to scale. No full scale engineering design for volume production should be undertaken without further consultation with Bosch Australia.
- ▶ The provision of these technical specifications in no way, implied or otherwise, forms any application suggestion or recommendation of suitability to the application for which the customer may have chosen a product.

### Bosch is not liable for third party recommendations or modifications

- ▶ Bosch is not liable for damage arising from reliance on application recommendations and specification statements made by third parties regarding Bosch products.
- ▶ Modifications of fuel management systems should only be carried out by suitably qualified personnel. It is the responsibility of the purchaser/consumer to ensure the product is compatible with the fuel management system/vehicle used to avoid damage. Subject to statutory warranties, Bosch is not liable for damage caused by third party recommendations or modifications.
- ▶ Modification of fuel management systems may cause a vehicle to contravene state or federal emission laws and/or ADR's. Bosch does not endorse or recommend the modification of standard vehicles and does not accept liability for damages or consequential loss related to any modification undertaken by the purchaser.

### Bosch does not warrant the performance of its components when used outside their specified or normal operating range purpose and/or environmental conditions

- ▶ Unless otherwise specified, Bosch components are designed, tested and produced for use with standard passenger vehicles only. Bosch does not warrant the performance of components outside their specified or normal operating range, purpose and/or environmental conditions and, subject to statutory warranties, is not liable for any damage (consequential or otherwise) arising from the use of any of these components outside their specified or normal operating range, purpose and/or environmental conditions.
- ▶ A component should only be used in combination with other components which have compatible technical specifications and performance. Unless Bosch specifies otherwise, Bosch does not warrant that components will be compatible or appropriate for a particular application and it is the responsibility of the purchaser to ensure that a component is appropriate for the intended application.

### Special conditions applicable when ordering some specialised products.

- ▶ Due to the specialised nature of some of these products, they are often manufactured to order only. Certain parts listed within this information [*generally parts with a "B" part number prefix*] may therefore have a delivery lead time of up to ten (10) weeks from the date of order. Once orders have been placed and confirmed for these products they cannot be cancelled without penalty.

### Subject to applicable statutory warranties, Bosch warrants its components against any manufacturing or material defects only.



# Oxygen Sensor Type Code LSM 11

## “Lean” Sensor

### Overview

The oxygen sensor type LSM 11 is a thimble construction, zirconium dioxide sensor with integrated heater element. This sensor is a galvanic concentration cell with solid electrolyte permitting measurement of oxygen concentration in exhaust gas. These sensors have an output signal that is both stable and insensitive to interference, as well as being suitable for extreme operating conditions. Sensor output ranges from  $\lambda = 1.00 < \lambda < 2.00$ , in certain applications. This sensor has various application possibilities including;

### Combustion Processes

- Oil burners
- Gas burners
- Coal-fired systems
- Wood-fired systems
- Industrial furnaces

### Engine Management Systems

- Lean-burn engines
- Gas engines

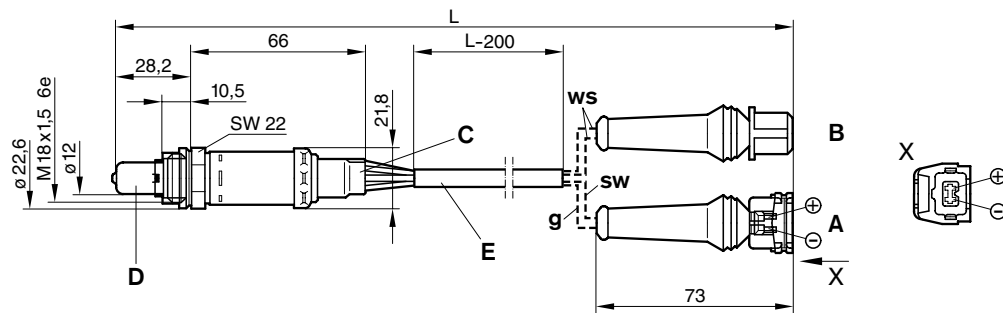
### Measuring & Analysis Processes

- Smoke measurement
- Gas analysis ( In conjunction with Air / Fuel ratio meter )



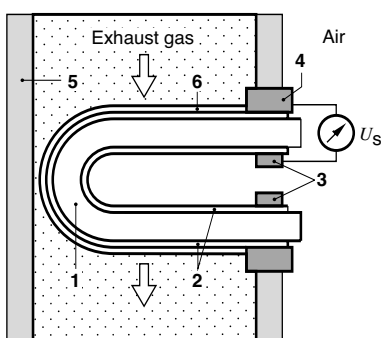
### Dimension drawing.

**A** Signal voltage, **B** Heater voltage, **C** Cable sleeve and seals, **D** Protective tube, **E** Protective sleeve, **L** Overall length. **ws** White, **sw** Black, **g** Grey.

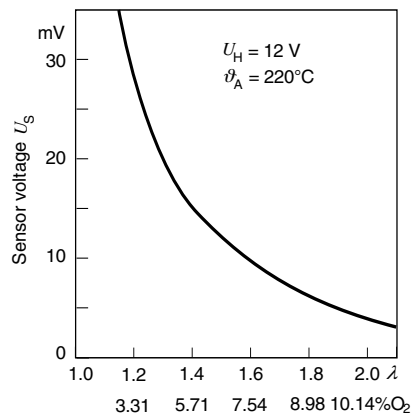


### Lambda sensor in exhaust pipe (principle).

- 1 Sensor ceramic, 2 Electrodes, 3 Contact,
- 4 Housing contact, 5 Exhaust pipe, 6 Ceramic protective coating (porous).

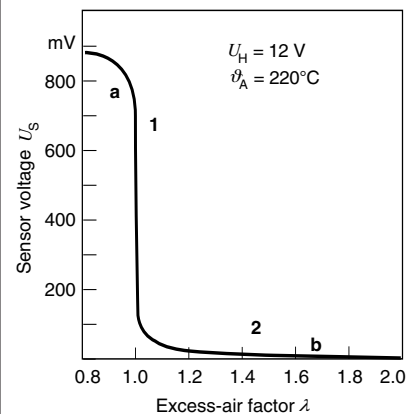


### Characteristic curve: Propane gas (lean range).



### Characteristic curve: Complete range.

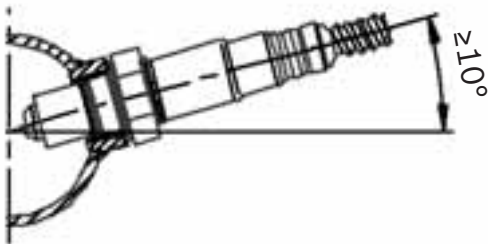
- 1 Closed-loop control  $\lambda = 1$ ; 2 Lean control
- a Rich A/F mixture, b Lean A/F mixture



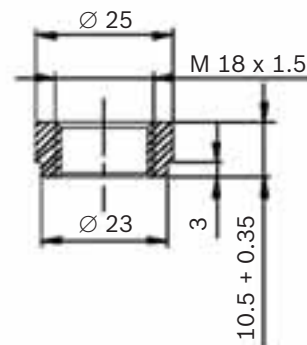
### General Installation Instructions and Requirements

In general, the sensor installation point must be tested sufficiently by the customer for function and durability.

- ▶ Installation in the exhaust line must be at a point guaranteeing representative exhaust gas composition whilst also satisfying the specified temperature limits.
- ▶ The sensor installation location must be selected to minimise exhaust side stressing with condensation water in order to prevent ceramic element cracking.
- ▶ Locate the sensor as close to the engine as possible, respecting maximum allowed temperature range.
- ▶ The exhaust pipe in front of the sensor should not contain any pockets, projections, protrusions, edges, flex-tubes etc. to avoid accumulation of condensation water. A downward slope of the pipe is recommended.
- ▶ Make sure, that the front hole of the double protection tube does not point against exhaust gas stream.
- ▶ Never switch on the sensor heater before engine start.
- ▶ Installation angle should be inclined at least 10 degrees towards horizontal (electrical connection upwards). Thus preventing the collection of liquids between sensor housing and sensor element during the cold start phase. Other installation angles must be inspected and tested individually.



- ▶ As the sensor receives reference air through the connection cable, the use of cleaning/greasing fluids at the sensor plug connection is not permitted.
- ▶ Assembly with special high temperature resistant grease on the screw-in thread is recommended.
- ▶ Tightening torque = 40 – 60 Nm, material characteristics and strength must be appropriate.
- ▶ Recommended material for the thread boss in the exhaust pipe: Temperature resistant stainless steel to following standards; DIN 17440 1.4301 or 1.4303, SAE 30304 or 30305 (US). Thread boss dimensions should be as in sketch, note that sensor thread must be covered complete.
- ▶ The sensor must be covered when underseal (wax, tar etc.) or spray oil is applied to the vehicle.
- ▶ The sensor must not be exposed to strong mechanical shocks (e.g. while the sensor is installed). Otherwise the sensor element may crack without visible damage at the sensor housing.



- ▶ Underfloor installation of the sensor remote from the engine requires an additional check of the following points; positioning of the sensor with respect to stone impact hazard; positioning and fixing of cable and connector with respect to mechanical damage, cable bending stress and thermal stress.
- ▶ The sensor should not be exposed to continuous, one-sided dripping of water, e.g. by the air-conditioning condensation water outlet. The thermal stress could lead to mechanical damage of the sensor.
- ▶ The sensor cable must not be soldered. It must only be crimped, clamped or secured by screws.

## LSM 11 Technical Data & Specifications

### General

Sensor Part Number	
with 2500mm cable length	<b>0 258 104 002</b>
with 650mm cable length	<b>0 258 104 004</b>
Electrical connection	2 x 2 pole connectors
Connector part numbers	
for heater element	1 287 013 003
for sensor output	1 287 013 002
Mounting thread size	M18 x 1.5mm
Sensor hexagon size	SW 22

### Application Conditions

Temperature range, passive (storage temperature)	-40...+ 100° C
Sustained exhaust gas temperature with heating switched on	+ 150...+ 600° C
Permissible maximum exhaust gas temperature at sensor element with heating switched on	+ 800° C
Operating temperature	
of the sensor housing hexagon	< + 500° C
at the cable gland	< + 200° C
at the connection cable	< + 150° C
at the connector	< + 120° C
Temperature gradient at the sensor-ceramic front end	< + 100 K/s
Temperature gradient at the sensor-housing hexagon	< + 150 K/s
Load current, maximum	+/- 1 uA

### Heater Element

Nominal supply voltage (preferably AC)	12 V
Operating voltage	12...13 V
Nominal heating power for exhaust gas = 350° C & exhaust gas flow speed of ~ 0.7 m/sec at 12 V heater voltage in steady state	~16 W
Heater current at 12 V steady state	~ 1.25 A
Insulation resistance between heater and sensor connection	> 30m ohms

### Data for Heater Applications

Lambda control range	1.00...2.00
Sensor output voltage for lambda = 1.025...2.00 at exhaust gas temperature of 220° C and a flow rate of 0.4...0.9 m/sec	68...3.5 mV (2)
Sensor internal resistance in air at 20 ° C at 12 V heater voltage	< 250 ohms
Sensor voltage in air at 20° C in as-new state and at 13 V heater voltage	-9...-15 mV

**Data for Heater Applications cont.**

Manufacturing lambda tolerance in as-new state (standard deviation 1 s) at exhaust gas temperature of 220° C and at flow rate of ~ 0.7 m/sec

at lambda = 1.30	< 0.013
at lambda = 1.80	< 0.050
Relative sensitivity - sensor voltage/lambda value delta at lambda = 1.30	0.65 mV/0.01
Influence of the exhaust-gas temperature on sensor signal for a temperature increase 130 to 230° C, at a flow rate < 0.7 m/sec, and lambda = 1.30 (delta lambda)	< 0.01
Influence of heater-voltage change +/- 10% of 12 V at exhaust gas temperature of 220° C	
at lambda = 1.30; lambda delta change	< +/- 0.009
at lambda = 1.80; lambda delta change	< +/- 0.035
Response time at exhaust gas temperature = 220° C and ~ 0.7 m/sec flow rate. As-new values for the 66% switching point; lambda jump = 1.10 < > 1.30	
for the jump in the "lean" direction	2.0 sec
for the jump in the "rich" direction	1.5 sec
Guideline value for sensor's "readiness for control" point to be reached after switching on oil burner and sensor heater; exhaust gas temperature ~ 220° C; flow rate ~ 1.8 m/sec; lambda = 1.45; sensor in exhaust pipe dia. 170mm	70 sec
Sensor ageing (lambda value drift) in heating-oil exhaust gas after 1,000 continuous burner operation with EL heating oil; measured at exhaust gas temperature of 220° C	
at lambda = 1.30; lambda delta change	< +/- 0.012
at lambda = 1.80; lambda delta change	< +/- 0.052
Sensor useful life at exhaust temperature of < 300° C	In individual cases to be checked by customer; guideline value ~ 10,000 hours
(2) = See characteristic curves on page D4	





# Oxygen Sensor Type Code LSU 4.2

## “Broadband” Sensor

### Overview

The Broadband oxygen sensor type LSU 4 is a Planar construction zirconium dioxide, dual cell current limiting sensor with integrated heater. Sensor output can range from  $\lambda = 0.7$  up to  $\lambda = \infty$  (atmospheric) hence the LSU is capable of being used as a universal sensor for  $\lambda = 1$  application as well as various other  $\lambda$  ranges. These sensors have been applied to petrol and diesel engines for lambda control.

The sensor connector module carries a calibration-trimming resistor that defines the characteristics of each individual sensor. This resistor is critical for the correct operation of the sensor and must not be removed, hence removal and/or exchange of the connector module is prohibited.

Due to the unique operational nature of the LSU 4 broadband oxygen sensor, they can only be operated in conjunction with a special control unit designed to support the dual measuring cells, ion pump and the complex heater management requirements.

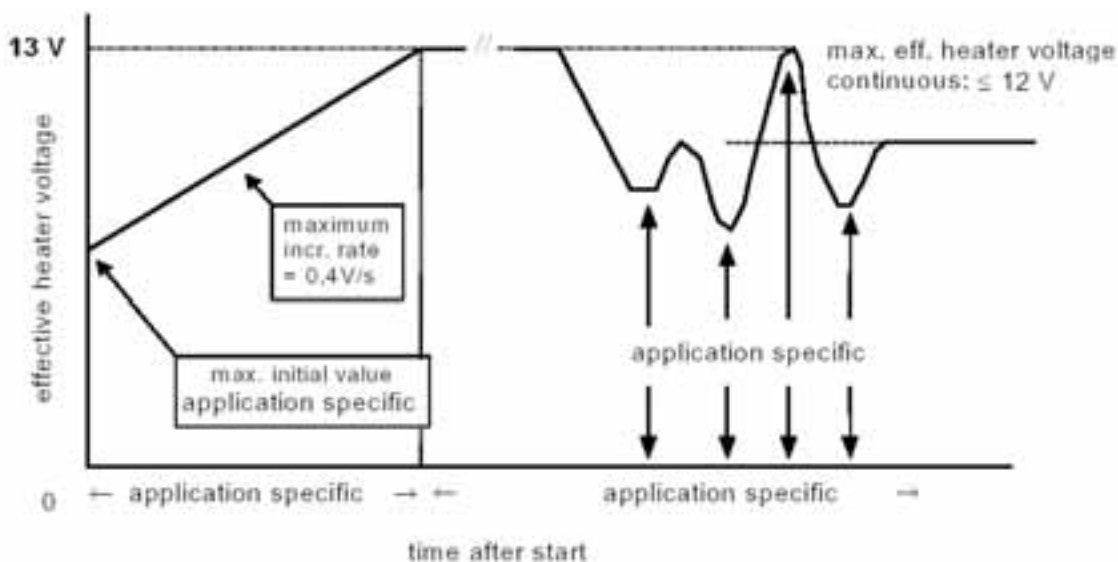
**Important Note:** It is common practice for these sensors to be used in conjunction with various aftermarket air/fuel ratio measurement devices, not of Bosch design or manufacture. It should be noted that these sensors are more susceptible to damage from thermal shock than the older “Thimble” design sensors, this is mainly due to their much higher operational temperatures. As detailed below, the heater management strategy used for the LSU 4 sensor is quite complex and generally vehicle specific. Whilst these sensors are “Universal” in their measurement capabilities, they are not designed to be “Universal” in their installation position. Installation position is critical to prevent moisture settling into the sensor element during shut down; hence the sensor should never be allowed to become inverted during storage. Therefore when using these sensors for temporary air/fuel ratio measurements, i.e. chassis/engine dynamometer testing, the operator should take care to protect the sensor from moisture ingress and physical damage that may create the potential of thermal shock to the sensor element resulting in premature sensor failure.



### Sensor Heater Management

Due to the high operational temperature of the sensing element of the LSU sensor, complex application specific heater element control strategies are used to control sensor temperature across various operating conditions. These strategies are used to avoid sensor damage caused by thermal shock resulting in premature sensor failure. The heater supply voltage must be controlled, so that the temperature of the sensor is kept at a nominal temperature of approximately 750°C. The heater circuit of the LSU is a pulse width modulated (PWM) control circuit allowing infinite control of the heater supply voltage to compensate for various engine, vehicle and climatic operating conditions. The table below shows some of the factors involved in mapping the control requirements of the sensor heater element.

**Important Note:** The sensor heating element should never be connected directly to battery voltage.

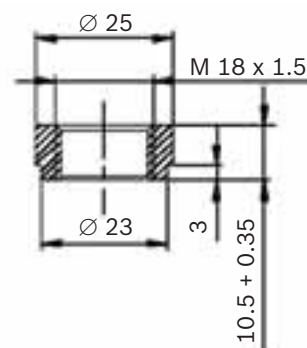
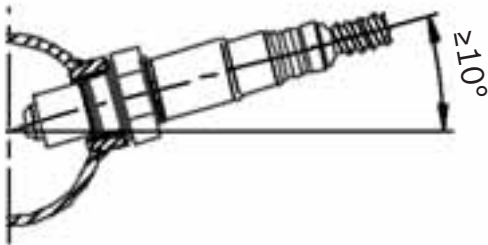


### General Installation Instructions & Requirements

In general, the sensor installation point must be tested sufficiently by the customer for function and durability.

- ▶ Installation in the exhaust line must be at a point guaranteeing representative exhaust gas composition whilst also satisfying the specified temperature limits
- ▶ The heater power must always be switched on power controlled, starting with a maximum ramp up nominal voltage as described in the sensor specifications. This is to reduce thermal stress of the sensor element at cold start due to high peak power in the first seconds.
- ▶ The sensor installation location must be selected to minimise exhaust side stressing with condensation water in order to prevent ceramic element cracking.
- ▶ Locate the sensor as close to the engine as possible, respecting maximum allowed temperature range.
- ▶ The exhaust pipe in front of the sensor should not contain any pockets, projections, protrusions, edges, flex-tubes etc. to avoid accumulation of condensation water. A downside slope of the pipe is recommended.
- ▶ Make sure, that the front hole of the double protection tube does not point against exhaust gas stream.
- ▶ Never switch on the sensor heating control unit before engine start.
- ▶ Delay of sensor heater start or power control of the sensor heater as a function of engine and ambient temperature.
- ▶ Installation angle should be inclined at least 10 degrees towards horizontal (electrical connection upwards). Thus preventing the collection of liquids between sensor housing and sensor element during the cold start phase. Other installation angles must be inspected and tested individually.

- ▶ As the sensor receives reference air through the connection cable, the use of cleaning/greasing fluids at the sensor plug connection is not permitted.
- ▶ Assembly with special high temperature resistant grease on the screw-in thread is recommended. Tightening torque = 40 – 60 Nm, material characteristics and strength must be appropriate.
- ▶ Recommended material for the thread boss in the exhaust pipe: Temperature resistant stainless steel to following standards; DIN 17440 1.4301 or 1.4303, SAE 30304 or 30305 (US). Thread boss dimensions should be as in sketch, note that sensor thread must be covered completely. The sensor must be covered when underseal (wax, tar etc.) or spray oil is applied to the vehicle.
- ▶ The sensor must not be exposed to strong mechanical shocks (e.g. while the sensor is installed). Otherwise the sensor element may crack without visible damage at the sensor housing.
- ▶ Underfloor installation of the sensor remote from the engine requires an additional check of the following points; positioning of the sensor with respect to stone impact hazard; positioning and fixing of cable and connector with respect to mechanical damage, cable bending stress and thermal stress.
- ▶ The sensor should not be exposed to continuous, one-sided dripping of water, e.g. by the air-conditioning condensation water out let. The thermal stress could lead to mechanical damage of the sensor.



## LSU 4.2 Technical Data & Specifications

### General

Sensor Part Number ( as example ) with 650mm cable length	<b>0 258 006 065</b>
with 460mm cable length	<b>0 258 006 066</b>
Electrical connection	6 pole connector module (with integrated trim resistor)
Connector part number	D 261 205 138
Mounting thread size	M18 x 1.5mm
Sensor hexagon size	SW 22

### Application Conditions

Temperature range, passive (storage temperature)	-40...+ 100° C
Permissible maximum exhaust gas temperature at sensor element with heating switched on. Note: If the exhaust gas temperature of 850° C is exceeded, the heater power must be switched off. In this case the accuracy of the sensor signal is limited.	< + 980° C (max 250 h in 10 min intervals)
Operating temperature of the sensor housing hexagon	< + 570° C
at the cable gland	< + 200° C
at the connection cable	< + 150° C
at the connector	< + 120° C
Maximum current load of lambda = 1 Nernst cell	< 10 uA
Maximum pumping current into pump cell for rich gas signal	> - 9 mA
for lean gas signal	< 18 mA
Heater Element Nominal supply voltage, test voltage	9 V
Maximum permissible effective heater voltage at sensor element temperature of < 900° C short time < 200 hours	< 13 V
continuous	< 12 V
Minimum frequency of heater voltage control at supply voltage (peak) < 16 V	> 2 Hz
at supply voltage (peak) < 28 V	> 10 Hz
Nominal heating power for exhaust gas = 350° C & exhaust gas flow speed of ~ 0.7 m/sec at 9 V heater voltage	~10 W
Insulation resistance between heater and sensor connection	> 30m ohms
Initial heater voltage is dependent on start temperature of sensor; nominal values at - 40° C	7.4 V
- 10° C	7.8 V
+ 20° C	8.2 V
+ 50° C	8.6 V
Maximum heater voltage increase during warm-up phase	< 0.4 V/sec
Nominal heater cold resistance at ambient temperature for new sensor, including cable and connector at 20° C	3.2 ohms
at - 40° C	2.1 ohms

**Data for Measurement Applications**

Lambda control range	0.70...infinity
Sensor internal resistance at 750° C	~ 80 ohms
Guideline value for sensor "light-off time" to be reached after switching on sensor heater; exhaust gas temperature ~ 20° C	< 20 sec
Sensor ageing (lambda value drift) in calibration gas; measured at exhaust gas temperature of 20° C	
at lambda = 1.70; lambda delta change	+/- 0.20
at lambda = 0.80; lambda delta change	+/- 0.04
Sensor useful life at exhaust temperature of < 300° C	> 160,000 km dependent on installation compliance











## Special cases

103	Length: 1035 mm
172	For cylinders 1 and 2
2PO	Connection, 2-pole
3Z4	For cylinders 3 and 4
4PO	Connection, 4-pole
AAK	For vehicles with detachable trailer coupling
AG	For vehicles with automatic transmission
AGR	Exhaust gas recirculation
ANK	Not for vehicles with detachable trailer coupling
AS3	3 connections
AS4	4 connections
BFK	For unleaded fuel
BGB	Product for gas operation only
BHK	For leaded fuel
BKF	For Bock air conditioner
BLK	Suitable for leaded fuel
BO	Bosch, only as replacement for Bosch equipment
BOM	For Bosch engine management system
E96	For emission standard EEC 96
EOL	For vehicles without EML; (electronic throttle control)
EU2	For vehicles with emission standard EURO 2
EU3	For vehicles with emission standard EURO 3
EU4	For vehicles with emission standard EURO 4
GS	For vehicles with manual transmission
HI	Rear
HZY	For rear cylinder bank
KAT	For vehicles with catalytic converter
KOB	For station wagon
KZA	Identification: brown
KZG	Identification: green
KZS	Identification: black
KZU	Identification: grey
L60	Length: 600 mm
LAB	Left side
LAL	For LHD vehicles, left side
LAR	For RHD vehicles, left side
LIM	For Saloon
MD4	For emission standard D4
MEB	With Bosch injection system
MKK	With catalytic converter monitoring
MLU	For vehicles with secondary air pump
NO1	For emission standard ECE R15.04
N04	For emission standard EURO 93 - CEE W2
N05	For emission standard EURO 96, CEE 95, L3
N14	For emission standard EURO 2000, CEE 2000
N96	Not for emission standard EURO 96, CEE 95, L3
NE4	Not for vehicles with emission standard Euro 4
NHE	Without heating
O14	Not for emission standard EURO 2000, CEE 2000
OAR	Without exhaust gas recirculation
OD4	Not for emission standard D4
OKA	For vehicles without catalytic converter
OKK	Without catalytic converter monitoring
OLU	Without air pump
QAS	Square connector
RAB	Right side
RAG	For RHD vehicles with automatic transmission
RAL	For LHD vehicles, right side
RAR	For RHD vehicles, right side
RAS	Connector, round
RHG	For RHD vehicles with manual transmission
SAG	Interchangeable Bosch product or part for SAGEM
SNG	For vehicles not fitted with sequential manual transmission
TW	Product installed must be determined on vehicle or engine.
VKA	Fitted upstream of catalytic converter
VO	Front
X05	For cylinders 1 - 5
X07	For cylinders 6 -10
X45	For cylinders 4 and 5
X68	For cylinders 6-8
X90	For cylinders 9 and 10
XDV	For cylinders 1 and 4
XDW	For cylinders 2 and 3
XEV	For cylinders 1-3
XEW	For cylinders 4-6
XEX	For cylinders 1-4
XEY	For cylinders 5-8
XEZ	For cylinders 1-6
XFA	For cylinders 7-12
Z02	For cylinders 10-12
Z79	For cylinders 7-9
ZE	Two required



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