

Batteries

Overview of application and use 2010



FordService

Feel the difference



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Modern vehicle batteries are subjected to enormous technical demands. Qualities such as high starting power, stability, no maintenance and protection against discharge are nowadays taken for granted. At the same time, however, the new generation of batteries must make it possible to implement current developments in automobile technology, i.e. they must take into account the increased energy requirement due to a greater number of components consuming electricity components. The battery is in fact a completely integral part of the energy management in modern vehicles.

Ford has accepted this challenge and in this catalogue you will find the new delivery programme for Ford Silver-Calcium and Motorcraft Calcium-Plus batteries. Thanks to their innovative technology and uncompromising quality, these batteries are more powerful, more long lasting and safer than the international norms prescribe. In addition, the delivery programme offers a significantly more compact product range which still covers all makes of vehicle as well as a new competitive pricing structure!

In this catalogue you will also find information which will make it easier to understand the most important aspects of the care and maintenance of vehicle batteries.

Get started right now, with Ford and Motorcraft batteries!

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Basic technical principles

A battery is a chemical store for electrical energy. The amount of electricity, which it can deliver under fixed conditions, is called the capacity and is indicated in Ah (ampere hours).

The test current for low temperatures indicates the potential strength of the discharge amperage at low temperatures and is a guide to estimating the potential for cold starting.

Maintenance

Ford and Motorcraft batteries are delivered ready to be installed, i.e. they have already been filled with acid and fully charged ex works. In order to guarantee that the maximum storage time is safely achieved, the state of the charge must be checked regularly and topped up if necessary.

Battery connections

The terminals are of different thicknesses to prevent faulty connections. On Ford Silver Calcium batteries the date of manufacture is embedded in the negative terminal: the first number indicates the calendar week, the second the year.

Flat terminal batteries are not offered any more. Special terminal adapters (Finis 1493705) make it possible to use an appropriate Motorcraft round terminal battery with Calcium-Plus technology.

Hold downs

In many cases, the battery is secured using the hold downs. On Ford Galaxy 1995 (02/1995-03/2000) as well as on some older VW vehicles these are 19 mm high, so for these vehicles Ford offers special hold down adapters.

ETN

The nine figure European Type Number (ETN) makes battery identification clear.

1st Group: The first three places give information about the rated voltage and capacity. A number 5 in the first slot indicates a 12 volt battery, the two following numbers stand for the rated capacity.

2nd Group: The second group of numbers is a sequential number for indicating manufacturer-specific designs.

3rd Group: The last three numbers, when multiplied by ten, give the test current for low temperatures in accord with the European Norm.

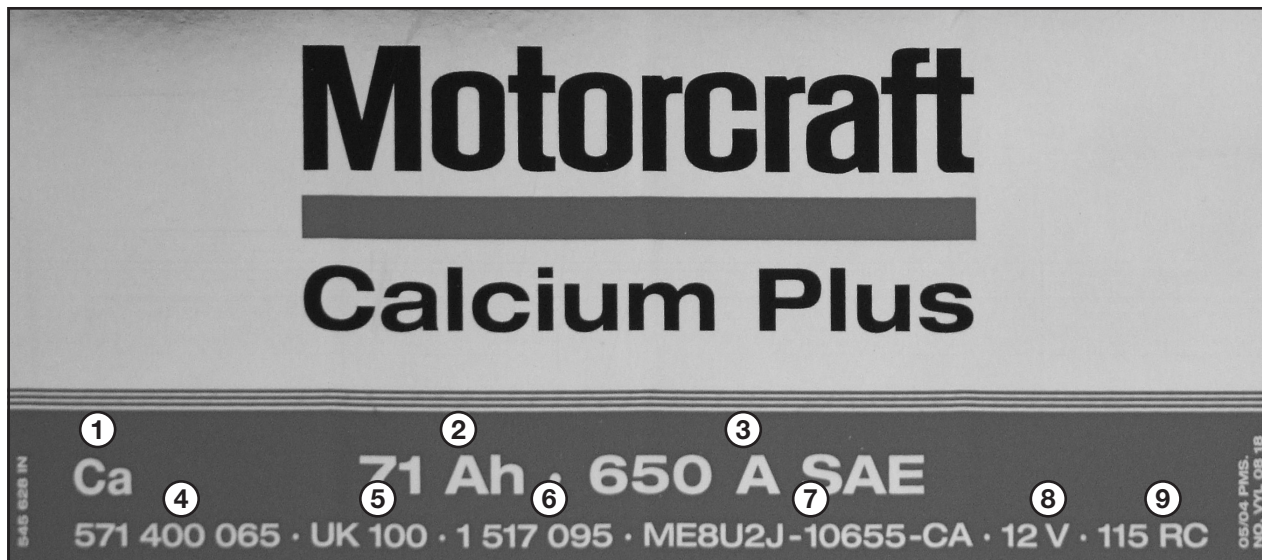
See page 35 for BBMS reference guide.

Example

571 400 065

1 2 3 4

- 1 Rated voltage 12 volts
- 2 Rated capacity 71 ampere hours
- 3 Design
- 4 Test current for low temperatures 650 Amps
(EN = European Norm, SAE = SAE-Norm)



The sticker indicates battery type and electrical characteristics:

- | | |
|--|-------------------------------|
| 1 Battery type (Ca = Calcium; Sb = Antimony) | 5 BBMS-Number |
| 2 Rated capacity in ampere-hours | 6 Order number (FINIS) |
| 3 Test current for low temperatures (EN = European Norm, SAE = SAE-Norm) | 7 Ford part number |
| 4 European Type Number (ETN), see page 35 for BBMS reference guide | 8 Rated voltage |
| | 9 Reserve capacity in minutes |

Ford Silver-Calcium Batteries Maximum performance with original equipment quality

The new Ford Silver-Calcium-Battery sets the standard for starting performance and durability. The addition of silver improves corrosion resistance while at the same time lowering the internal resistance. In this way, the enormous energy transfer in Ford's Silver-Calcium-Battery meets the highest energy demand while guaranteeing reliable starting power. That's why Ford has been equipping all new vehicles with Silver-Calcium-Batteries since 1998.

The Ford Silver-Calcium-Battery is the perfect combination of a starter battery with high cold start current and a high capacity energy store. A further decisive advantage is the extreme cyclic stability of the Ford Silver-Calcium-Battery. It guarantees the reliable supply of on-board electricity even when several overlapping users require power. In addition, Ford Silver-Calcium-Batteries are capable of being stored for long times and, as they are delivered fully charged and filled, there is no need to store sulphuric acid.

- High cyclic stability, ideal for multiple electrical users
- For vehicles with particularly high performance requirements
- The greatest energy transfer by using corrosion resistant silver alloy
- Premium quality at a competitive price
- Especially resistant to the effect of temperature and low discharge
- Can be stored for 18 months from date of production



Motorcraft Calcium-Plus-Batteries The inexpensive alternative

In the majority of cases, the electrical performance of the new Motorcraft Calcium-Plus-Battery exceeds that of the original equipment. With a capacity up to 95 Ah, it provides more safety and starting power even for high-end equipment variants. A wide range of power outputs and casing designs makes the Motorcraft battery the ideal replacement for many current types of vehicle from different manufacturers. In other words, it's an all rounder with wide market coverage. This goes too for the specific battery dimensions of American Ford models. The new Calcium-Plus technology from Motorcraft can also meet the highest demands and offers top quality at a particularly reasonable price.

Another advantage for the dealer is the fact that Motorcraft Calcium-Plus-Batteries are delivered ready-filled and fully charged for starting. So there is no longer the need to have a supply of sulphuric acid.

- Solid, safe performance
- For all classes of modern vehicles
- Long life owing to proven Calcium-Alloy
- High demand, low price
- Makes it possible to repair a great number of different types of vehicle economically in line with current pricing



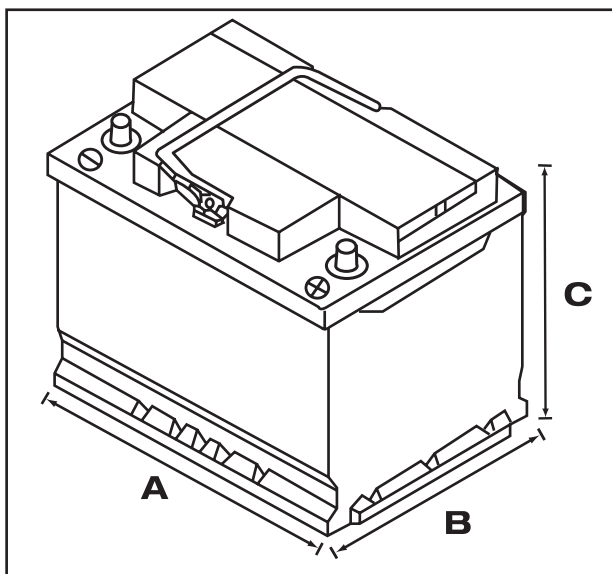
Table of sizes

Finis	ETN	Size	Ah	a) Length mm	b) Width mm	c) Height mm	Number per pallet	Pallet Finis**
Ford Silver-Calcium Batteries								
1672940	543 025 039	T4	43	207	175	175	72	1684304
1672941	550 075 051	T5	50	242	175	175	63	1684305
1672942	560 030 060	T6	60	278	175	175	48	1684306
1682038	580 120 072	T7	80	315	175	175	42	1684307
1581448	540 406 034	H3	40	175	175	190	-	
1581453	552 400 047	H4	52	207	175	190	-	
Motorcraft Calcium-Plus-Batteries								
1517092*	535 400 033	T4	35	207	175	175	72	1517044
1517093	543 402 039	T4	43	207	175	175	72	1517031
1517094	558 401 052	T5	58	242	175	175	63	1517032
1517095	571 400 065	T6	71	278	175	175	48	1517036
1517097	544 403 036	H4	44	207	175	190	72	1517038
1517099	560 408 054	H5	60	242	175	190	63	1517039
1517100	572 410 065	H6	72	278	175	190	48	1517041
1517101	595 402 080	H8	95	353	175	190	36	1517043
1517096	591 400 074	D31	91	306	173	225	39	1517037

* Alternative to Finis 1517093 for vehicles with a low level of equipment. ** Currently available in UK.

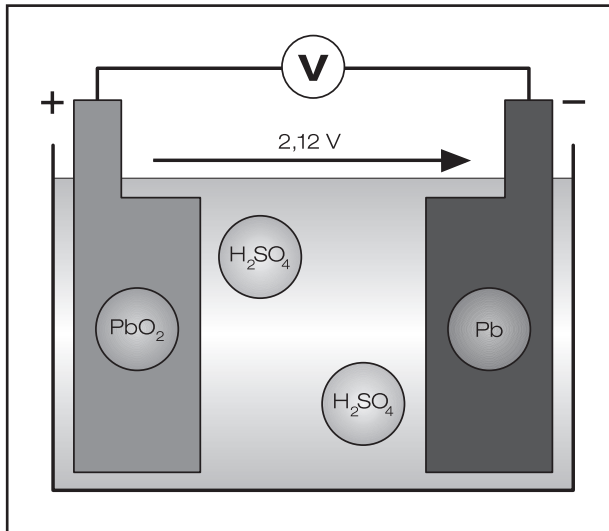
Special casing designs

	Finis	Size	Ah	a) Length mm	b) Width mm	c) Height mm
Probe 1 + 2	3872099	US	58	255	183	174
Explorer	3894012	US	65	306	192	194
Windstar	3894013	US	85	306	192	192



A battery is a chemical store for electrical energy. It works on the principle of the galvanised cell. In this, there is a container, in which there is an electrically conductive fluid (electrolyte) and two different metal electrodes which are separated from each other. The chemical reaction of the metals with the electrolyte releases electrons, which can be used to perform electrical work.

On vehicle batteries, the negative electrodes are made of lead (Pb) and the positive electrodes of lead dioxide (PbO₂). Diluted sulphuric acid with a density of approximately 1.28 kg/l is used as the electrolyte. The open circuit voltage of an individual cell amounts to 2.12 volts. A starting battery consists of six cells connected in series in a plastic battery casing. Because the cells are connected in series, the open circuit voltage of a fully charged battery is 12.72 volts.

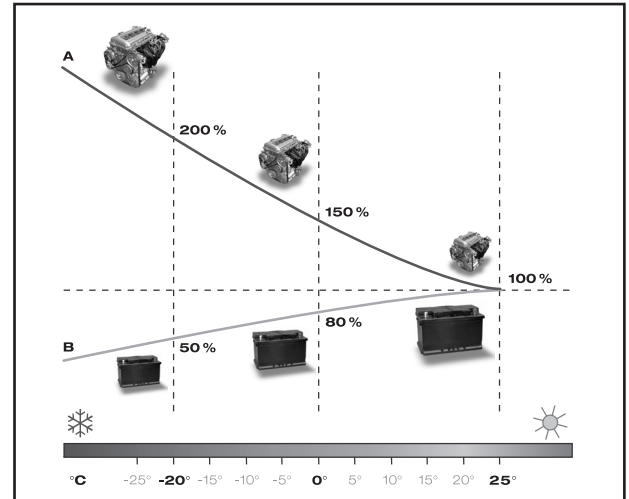


Charged battery cell

For starting batteries to be able to deliver the high currents required, the surface of the electrodes in contact with the electrolyte must be as large as possible. That's why the electrodes are composed of many thin plates connected in series. These plates consist of a bearer grid to which is applied a chemically active material. Pure lead is not ideal as material for the grid because it has low mechanical strength, so Ford and Motorcraft use lead alloys with added Calcium (Ca) or Silver (Ag). Calcium has the advantage of particularly low water consumption. A silver admixture increases the conductivity, reduces internal corrosion and so produces longer life.

Current consumption

When you make an electrical connection between the battery terminals, electrons flow from the negative to the positive plate. The alteration to the electrical balance effects a reaction of the electrodes with the sulphuric acid. Lead and lead dioxide of the electrodes are converted into lead sulphate (PbSO₄). This uses up sulphuric acid and more water (H₂O) is produced. The longer this reaction continues, the lower becomes the density of the acid, and the power which the battery can deliver lessens.



At high temperatures, the chemical processes run more smoothly, i.e. the performance of the battery increases.

- A Current requirements
- B Capacity

Current supply

During charging, the lead sulphate which was produced is reduced to its original component parts. Bearing in mind, however, that it takes a certain amount of time to reconstitute the sulphuric acid, only so much charging current should be allowed as is necessary for this reaction. If the charging current is too high, it leads to the water decomposing into oxygen and hydrogen and so to a loss of water. That's why maintenance free starting batteries should be charged only with chargers which have been checked to make sure this condition is not produced.

Performance

A battery's main task has always been to start the engine. In order to do that, a battery must still be able to deliver high currents even after standing idle, at low temperatures and when not fully charged. That explains why the electrodes consist of a number of thin lead plates with an extensive surface. This structure keeps the internal resistance of the battery low and makes it possible to deliver the starting currents required. But this means that batteries are extremely sensitive to a low discharge. In a low discharge, the thin plates increase their volume enormously and begin to exert pressure on the separators. If these are damaged, it can lead to a short circuit of the plates.

Durability

With the increasing number of electrical and electronic components with which modern vehicles are equipped, the demands made on the cyclic stability have risen dramatically. By this we mean the capability of the battery to withstand the greatest possible number of charging and discharging processes. A cycle, then, is the interval between discharge and subsequent re-charging. Depending on the way it is constructed, a starting battery can achieve up to 300 cycles with a 50% discharge. Because of the cyclic loading, the adhesion of the active material to the plate grids suffers. The material crumbles or is dissolved and takes no more part in the electro-chemical processes. Vigorous shaking or continuous vibrations, for example, can have the same effect.

If a battery is charged/discharged frequently with high currents, this can lead to what is called acid layering. This phenomenon also has a negative effect on the life of a battery. The acid does not spread itself evenly in the electrolyte but sinks to the bottom due to its specific weight. This leads to just one small area of the plates performing, while in other areas sulphation occurs.

So then, to a large extent, the aging of a battery depends on how it is used. The more often, the more extensively and the longer it remains in a discharged or partially charged condition, the faster the aging process happens because of irreversible damage. High temperatures, in the engine compartment for example, accelerate this process.

The effect of temperature

The consumption of water with the new generation of Ford and Motorcraft batteries is so small that there is no need to top up the battery with water during its normal working life. The battery is sealed after it has been filled and should not be opened any more. Extreme heat can lead to increased water consumption.

Safety

An important aspect for battery safety is its seal. Acid should never be allowed to spill from the current store. This could cause damage or corrosion to the vehicle's components. However, the battery should not be completely closed; there must be the facility to balance the temperature or pressure because of the variety of conditions under which it operates. So Ford and Motorcraft batteries are equipped with an ingenious closing system. An over-pressure valve prevents oxygenation from outside, while allowing any gases arising from the inside of the battery to be vented.

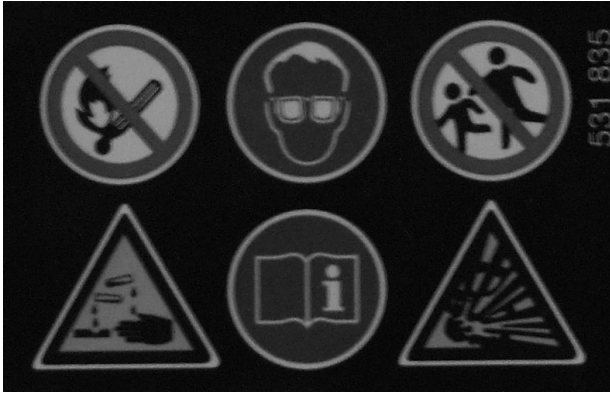
If any gas dissipaters are installed in the vehicle, it is essential to connect these as well to the new battery. The background to this is that if any gas escapes it can lead to the formation of what is called explosive gas. This highly explosive mixture of oxygen and hydrogen is produced during the electrolysis and can lead to the battery going 'phut' or in the worst case even exploding.

Important note!

In Ford vehicles equipped with Smart-Charge charging system, only calcium batteries should be installed (from Focus 1999 (08/1998-12/2004), see also TSB 72/2004).

Safety precautions

Lead batteries contain diluted sulphuric acid which can cause dangerous burns and severe corrosion damage to the vehicle. In addition, during charging, explosive gases (hydrogen and oxygen) can be produced, which is why fire, flying sparks, naked lights and smoking are forbidden anywhere near batteries.



Caution!

Sparks can, for example, be produced during connecting or disconnecting under load, or assisted starting.

When handling batteries, it is essential to wear suitable, impermeable protective gloves, protective glasses and protective clothing. Have water for washing and eye baths immediately to hand.

Storage and transport

Both Ford and Motorcraft batteries leave the factory filled with acid and charged ready to go. So during transport or storage they must not be allowed to tip over, and the protective cap must always be retained on the positive terminal.

As a matter of principle, starter batteries must always be kept stored upright, clean, cool and dry. **In order to guarantee that the maximum storage life is safely achieved, the average annual temperature of the store should be 15° C. The maximum, brief storage temperature should not exceed 25° C.**

Both Ford Silver-Calcium-Batteries and Motorcraft Calcium-Plus batteries should be used at the latest after a total of 18 months from the date of manufacture.

Tip: Owing to the limited storage time, when shifting stock you need to ensure that the oldest batteries are sold first (First-in-first-out). On Ford Silver Calcium batteries the date of manufacture is embedded in the negative terminal: the first number indicates the calendar week, the second the year. On Motorcraft batteries a label with month and year of production is fixed at the battery housing.

The condition of the stock in the store should be checked regularly and if necessary corrected by re-organising. The background for this is that batteries, even when they are not connected to a user, will always lose a certain proportion of their charge. This self-discharging increases as temperatures rise. If a battery remains in a partially discharged condition for a long period of time, this can lead to the formation of large lead sulphate crystals on the surfaces of the plates. This process is called sulphation and impairs the battery performance. The process cannot be reversed simply by charging the battery and can lead to premature battery failure.

Fitting and removing

Detailed references to fitting and removing batteries in Ford vehicles can be found in FordEtis.

With Ford Silver-Calcium and Motorcraft Calcium-Plus batteries, there is no designated check of the acid level during the life of the battery. Since, under normal operating conditions, no water needs to be added, they are designated "maintenance-free." Having said that, maintenance and care are not restricted just to checking the fluid level.

Visual checks

To avoid leaks, the surface of the battery must always be clean and dry. No acid should be permitted on the battery casing. Any corrosion on the terminals, connecting clamps or harness should be completely removed. The clamps can be protected from corrosion with a special acid-free grease.

The battery casing must be undamaged. Bumps or dents are evidence of improper handling, which could have caused leaks or internal damage. Foreign matter, too, on the bottom of the battery can damage the casing and lead to leaks. If cells are damaged or leaky, the battery should be replaced or disposed of.

Open circuit voltage

If batteries lie unused for a long time, they can suffer damage by self-discharging. This also applies to the storing of brand new batteries from the factory! To avoid this, the state of charge should be checked regularly. The testing intervals depend on whether the battery is connected: according to TSB 72/2007, batteries which are connected should be checked monthly and disconnected batteries every six months.

Electronic battery testers are only suitable for batteries which have been used for some time. They cannot tell you anything about the performance of new or unused batteries. In these cases, the only reference point for judging the performance is the open circuit voltage (OCV). This can also be measured with a commercial voltmeter. In this case, the voltage directly between the positive and negative terminals is measured.

A new, pre-charged battery should indicate an open circuit voltage of at least 12.5 volts. If the figure obtained is less than 12.5 volts, the battery must be charged and tested again or, if necessary, disposed of.

Charging batteries

Caution!

Explosive gases can be produced when charging batteries! So, sufficient ventilation should be provided, and fire, smoking or naked lights are forbidden. Wear the prescribed protective clothing, spectacles and gloves.

Ford Silver-Calcium and Motorcraft Calcium-Plus batteries must only be charged up with chargers which have a provision for preventing the battery from overheating during charging. Chargers from the Ford workshop equipment catalogue fulfil this requirement. They are electronically controlled and reduce the charging current when the voltage for the onset of gassing is reached.

Even if the operating instructions of modern battery chargers say that batteries can be charged while still connected to the vehicle, Motorcraft recommends disconnecting the battery for safety reasons and removing it from the vehicle. No matter which charger is used: do not connect or disconnect the charging cables when the charger is switched on. Observe the operating instructions for the charger. The recommended charging current should amount roughly to a tenth of the battery's capacity. If the temperature of the acid is above 55° C, the charging process should be halted.

The effect of temperature

The capacity of a battery for being charged is dependent on temperature and decreases as the temperature drops. Batteries which have cooled down (to between 10 and 15° C) therefore need to be charged with up to 14.4 volts.

Caution!

Never attempt to charge a battery if the electrolyte is frozen!

On the other hand, batteries which have been heated up by the engine or the sun should not be charged with more than 13.8 volts. At this voltage, Silver-Calcium- Batteries achieve a 97 % charge.

Overcharging

Overcharging occurs when a battery is already fully charged and is fed more charging current. This can happen, for example, if the regulator is faulty and it can cause permanent damage to the battery. Since no more lead sulphate can be built up, the water is decomposed into its constituent parts instead. The consequences of this, apart from water consumption, are the formation of explosive gas as well as corrosion on the grid surfaces due to the oxygen and the resulting loss of electrical capacity.

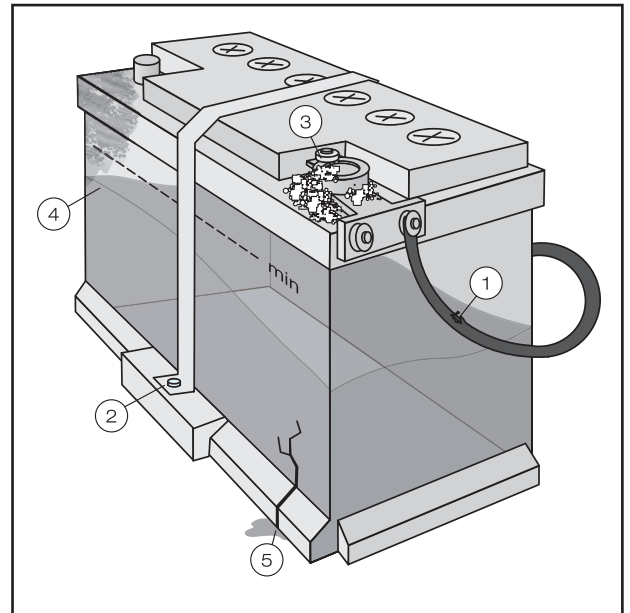
Battery faults

The most frequent causes of battery failure are sulphate formation as a result of low discharging, corrosion of the grid because of overcharging and premature aging because of the high number of cycles.

Low discharge is already present when the open circuit voltage of the battery is less than 12 volts. In this condition, massive amounts of lead sulphate have already been formed. If the battery is charged again immediately, this mostly has no further consequences. But if the battery remains in this condition for a long time, sulphation occurs: large sulphate crystals are formed and they can no longer be dispersed.

The density of the acid also decreases in line with the degree of discharging and there is a danger of the electrolyte freezing. The internal pressure which this causes can damage plates and casing. Apart from that, a battery with frozen electrolyte can only deliver low currents and must be thawed out before charging.

Dysfunctions, which are caused by internal damage to the battery, are irreparable. Examples of these are short circuits because of wear and tear to the separators, failed active material as well as disruptions to cells and plate connectors. In the latter situation, the battery can often be discharged with low currents and then charged up again. When starting, however, the voltage breaks down immediately, even with a full charge.



Typical check points for a visual examination:

- 1 Condition of the connecting cable
- 2 Security of the battery and connecting clamps
- 3 Possible corrosion
- 4 Fluid level
- 5 Integrity of the casing seal

The stiff competition in the battery sector makes it imperative always to have batteries in stock for the most common vehicle types. When a customer needs a battery, he doesn't want to have to order this from a dealer. In most cases he needs it right now. Experience shows, however, that a majority of Ford dealers no longer have flat terminal batteries available. The reason for this is that demand has tailed off, since these batteries were used in Ford vehicles prior to model year 1996. Because of the low demand, there is a danger that these batteries may have been already stored for too long before they are used. Because of this, a terminal adapter was introduced and this makes it possible for dealers to equip such older vehicles with a round terminal battery from the current Motorcraft range. This enables dealers to keep their stock low while still being able to deliver the goods, and it also avoids the danger of storing batteries for too long.

The hold down adapters also make a significant contribution to reducing the amount of stock. The 19 mm high hold downs on Ford Galaxy 1995 (02/1995-03/2000) as well as some older vehicles from the VW business required, up to now, the provision of several types of batteries with identical performances. So Ford offers special hold down adapters for these vehicles.

Product information flat terminal adapters:

Finiscode 1493705

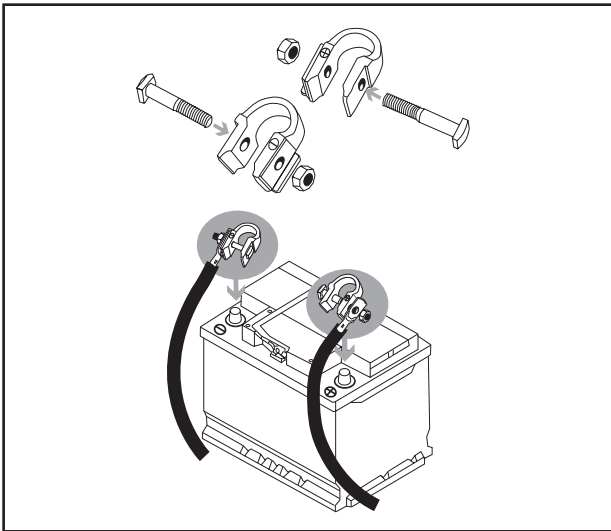
MLI: 053 (Other Electricals)

Introduction: December 2007

The kit contains positive and negative adapters

Advantages

- Favourable price
- Ease of installation
- Fits both Ford and Motorcraft batteries
- Suitable for all "Youngtimers"
- No danger of overstocking
- Considerable stock reduction
- Practical and transparent packaging



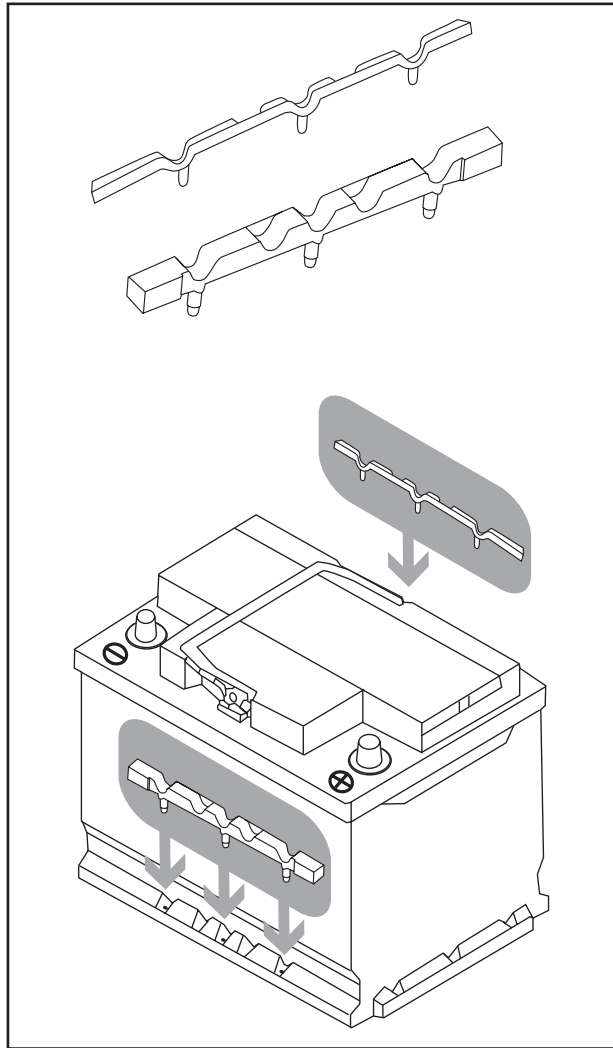
Product information Hold Down Adapters

Finiscode 1493704

MLI: 053 (Other Electricals)

Advantages

- Favourable price
- Ease of installation
- Fits both Ford and Motorcraft batteries
- Fits various vehicle manufacturers
- No danger of overstocking
- Considerable stock reduction




Disposal





Old batteries with the "Recycling sign" are recyclable material and must be recycled.




Old batteries can be returned. If this is not possible, they must be disposed of as special refuse, while observing all valid regulations. Never dispose of old batteries as household rubbish.




Please make yourself familiar with your local disposal programme!

When they are being transported, the same safety precautions as for new batteries apply.




		ETN	Size 	Ah	Finis 	Finis 
FORD SILVER CALCIUM >>>						
Cougar 2.0 Petrol	98 - 00	550 075 051	T5	50	1672941	1684305
Cougar 2.5 V6 Petrol	98 - 00	560 030 060	T6	60	1672942	1684306
Escort (95) 1.3 - 2.0 Petrol	95 - 01	550 075 051	T5	50	1672941	1684305
Escort (95) 1.8 Diesel	95 - 01	560 030 060	T6	60	1672942	1684306
Fiesta (96) 1.0 - 1.4 Petrol	96 - 02	543 025 039	T4	43	1672940	1684304
Fiesta (96) 1.6 Petrol	96 - 02	550 075 051	T5	50	1672941	1684305
Fiesta (96) 1.8 Diesel	96 - 02	560 030 060	T6	60	1672942	1684306
Fiesta (02) 1.3 - 1.4 Petrol	02 - 08	543 025 039	T4	43	1672940	1684304
Fiesta (02) 1.6 Petrol	02 - 08	550 075 051	T5	50	1672941	1684305
Fiesta (02) 2.0 Petrol ST	02 - 08	560 030 060	T6	60	1672942	1684306
Fiesta (02) 1.4 Diesel	02 - 08	560 030 060	T6	60	1672942	1684306
Fiesta (08) 1.25 Petrol	08 - >>	543 025 039	T4	43	1672940	1684304
Fiesta (08) 1.4 & 1.6 Petrol	08 - >>	550 075 051	T5	50	1672941	1684305
Fiesta (08) 1.6 Diesel	08 - >>	560 030 060	T6	60	1672942	1684306
Focus (98) 1.4 - 1.6 Petrol	99 - 04	543 025 039	T4	43	1672940	1684304
Focus (98) 1.8 - 2.0 Petrol	99 - 04	550 075 051	T5	50	1672941	1684305
Focus (98) ST170	99 - 04	560 030 060	T6	60	1672942	1684306
Focus (98) 1.8 Diesel	99 - 04	580 120 072	T7	80	1682038	1684307
Focus (2004) / C-Max 1.6 Petrol	03 - >>	550 075 051	T5	50	1672941	1684305
Focus (2004) / C-Max 1.8 Petrol	03 - >>	560 030 060	T6	60	1672942	1684306
Focus (2004) 2.0 Petrol ST	03 - >>	560 030 060	T6	60	1672942	1684306
Focus (2004) / C-Max 1.6 - 2.0 Diesel	03 - >>	580 120 072	T7	80	1682038	1684307
Fusion (2002) 1.4 Petrol	02 - >>	543 025 039	T4	43	1672940	1684304
Fusion (2002) 1.6 Petrol	02 - >>	550 075 051	T5	50	1672941	1684305
Fusion (2002) 1.4 Diesel	02 - >>	560 030 060	T6	60	1672942	1684306
Galaxy (2000) 2.0 - 2.3 Petrol	00 - 06	560 030 060	T6	60	1672942	1684306
Galaxy (2000) 2.8 V6 Petrol	00 - 06	580 120 072	T7	80	1682038	1684307
Galaxy (2000) 1.9 Diesel	00 - 06	580 120 072	T7	80	1682038	1684307
Galaxy (2006) 2.0 Petrol	06 - >>	560 030 060	T6	60	1672942	1684306
Galaxy (2006) 1.8 - 2.0 Diesel	06 - >>	580 120 072	T7	80	1682038	1684307
Ka (96) 1.1 - 1.3 Petrol	96 - 09	543 025 039	T4	43	1672940	1684304
Ka (2009) Petrol w/o A/C	09 - >>	540 406 034	H3	40	1581448	-
Ka (2009) Diesel & Petrol with A/C	09 - >>	552 400 047	H4	52	1581453	-
Kuga Petrol	08 - >>	560 030 060	T6	60	1672942	1684306
Kuga Diesel	08 - >>	580 120 072	T7	80	1682038	1684307
StreetKa, SportKa	03 - 07	543 025 039	T4	43	1672940	1684304
Mondeo (93) 1.6 Petrol	93 - 96	550 075 051	T5	50	1672941	1684305
Mondeo (93) 1.8 - 2.5 Petrol	93 - 96	560 030 060	T6	60	1672942	1684306
Mondeo (93) 1.8 Diesel	93 - 96	560 030 060	T6	60	1672942	1684306
Mondeo (96) 1.6 - 2.0 Petrol	96 - 00	550 075 051	T5	50	1672941	1684305
Mondeo (96) 2.5 V6 Petrol & 1.8 Diesel	96 - 00	560 030 060	T6	60	1672942	1684306
Mondeo (2000) 1.8 - 2.0 Petrol & V6	00 - 07	550 075 051	T5	50	1672941	1684305
Mondeo (2000) ST220 & V6	00 - 07	560 030 060	T6	60	1672942	1684306
Mondeo (2000) 2.0 - 2.2 Diesel	00 - 07	580 120 072	T7	80	1682038	1684307
Mondeo (2007) 1.6 Petrol	07 - >>	550 075 051	T5	50	1672941	1684305
Mondeo (2007) 2.0 - 2.5 Petrol	07 - >>	560 030 060	T6	60	1672942	1684306
Mondeo (2007) Diesel	07 - >>	580 120 072	T7	80	1682038	1684307
Puma 1.4 Petrol	98 - 02	543 025 039	T4	43	1672940	1684304
Puma 1.6 / 1.7 Petrol	98 - 02	550 075 051	T5	50	1672941	1684305




		ETN	Size 	Ah	Finis 	Finis 
S-Max (2006) 2.0 - 2.5 Petrol	06 - >>	560 030 060	T6	60	1672942	1684306
S-Max (2006) 2.0 Diesel	06 - >>	580 120 072	T7	80	1682038	1684307
Transit (95) 2.0 Petrol	96 - 98	550 075 051	T5	50	1672941	1684305
Transit (95) 2.0 Petrol	99 - 00	560 030 060	T6	60	1672942	1684306
Transit (95) 2.5 Diesel	96 - 00	560 030 060	T6	60	1672942	1684306
Transit (2000) Petrol	00 - 06	560 030 060	T6	60	1672942	1684306
Transit (2000) Diesel	00 - 06	580 120 072	T7	80	1682038	1684307
Transit (2006) Petrol	06 - >>	560 030 060	T6	60	1672942	1684306
Transit (2006) Diesel	06 - >>	580 120 072	T7	80	1682038	1684307
Transit/Tourneo Connect 1.8 Petrol	02 - >>	560 030 060	T6	60	1672942	1684306
Transit/Tourneo Connect 1.8 Diesel standard	02 - >>	560 030 060	T6	60	1672942	1684306
Transit/Tourneo Connect 1.8 Diesel high duty	02 - >>	580 120 072	T7	80	1682038	1684307




Motorcraft		ETN	Size 	Ah	Finis 	Finis 
ALFA ROMEO >>>						
145 1.4 - 1.8 Petrol	07/94 - 01/01	544 403 036	H4	44	1517097	1517038
145 2.0 Petrol	07/94 - 01/01	560 408 054	H5	60	1517099	1517039
145 Diesel	07/94 - 01/01	572 410 065	H6	72	1517100	1517041
146 1.4 - 1.8 Petrol	12/94 - 01/01	544 403 036	H4	44	1517097	1517038
146 2.0 Petrol	12/94 - 01/01	560 408 054	H5	60	1517099	1517039
146 Diesel	12/94 - 01/01	572 410 065	H6	72	1517100	1517041
147 Diesel	01/01 - >>	572 410 065	H6	72	1517100	1517041
147 Petrol	01/01 - >>	560 408 054	H5	60	1517099	1517039
155 Diesel	01/92 - 12/97	572 410 065	H6	72	1517100	1517041
155 Petrol	01/92 - 12/97	560 408 054	H5	60	1517099	1517039
156 1.6 - 1.8 Petrol	09/97 - >>	544 403 036	H4	44	1517097	1517038
156 2.0 - 2.5 Petrol	09/97 - >>	560 408 054	H5	60	1517099	1517039
156 3.2 Petrol & Diesel	09/97 - >>	572 410 065	H6	72	1517100	1517041
159 1.9 - 2.2 Petrol	09/05 - >>	560 408 054	H5	60	1517099	1517039
159 3.2 Petrol & Diesel	09/05 - >>	572 410 065	H6	72	1517100	1517041
164 Diesel	01/87 - 09/98	595 402 080	H8	95	1517101	1517043
164 Petrol	01/87 - 09/98	560 408 054	H5	60	1517099	1517039
166 Diesel	09/98 - >>	595 402 080	H8	95	1517101	1517043
166 Petrol	09/98 - >>	572 410 065	H6	72	1517100	1517041
33 Diesel	05/83 - 12/93	572 410 065	H6	72	1517100	1517041
33 Petrol	05/83 - 09/94	544 403 036	H4	44	1517097	1517038
75 All	05/85 - 02/92	560 408 054	H5	60	1517099	1517039
90 All	10/84 - 07/87	560 408 054	H5	60	1517099	1517039
Alfasud	06/72 - 12/89	544 403 036	H4	44	1517097	1517038
Brera Diesel	01/06 - >>	572 410 065	H6	72	1517100	1517041
Brera Petrol	01/06 - >>	560 408 054	H5	60	1517099	1517039
GT	11/03 - >>	560 408 054	H5	60	1517099	1517039
GTV	09/94 - >>	560 408 054	H5	60	1517099	1517039
Spider	03/71 - >>	560 408 054	H5	60	1517099	1517039
ALPINA >>>						
B3 I Petrol	09/87 - 06/92	572 410 065	H6	72	1517100	1517041
B3 II Petrol	04/93 - 05/99	572 410 065	H6	72	1517100	1517041
B5 Petrol	03/05 - >>	595 402 080	H8	95	1517101	1517043

Motorcraft		ETN	Size 	Ah	Finis 	Finis 
B6 Petrol	03/92 - 07/93	595 402 080	H8	95	1517101	1517043
B8 Petrol	01/95 - 03/98	595 402 080	H8	95	1517101	1517043
B10 (E34) Petrol	04/88 - 04/95	560 408 054	H5	60	1517099	1517039
B10 Petrol	11/93 - 04/96	572 410 065	H6	72	1517100	1517041
B10 Petrol	12/96 - >>	595 402 080	H8	95	1517101	1517043
Roadster	06/02 - >>	595 402 080	H8	95	1517101	1517043
AUDI >>>						
50 Petrol	08/74 - 07/78	543 402 039	T4	43	1517093	1517031
60 Petrol	10/69 - 09/73	543 402 039	T4	43	1517093	1517031
75 Petrol	09/68 - 09/73	543 402 039	T4	43	1517093	1517031
80 I 1.3 - 1.5 Petrol	05/72 - 07/78	543 402 039	T4	43	1517093	1517031
80 I 1.6 - 1.9 Diesel	08/78 - 08/86	571 400 065	T6	71	1517095	1517036
80 I 1.6 - 2.3 Petrol	08/78 - 08/86	558 401 052	T5	58	1517094	1517032
80 II 1.3 - 1.6 Petrol	08/78 - 08/86	543 402 039	T4	43	1517093	1517031
80 II 1.6 - 1.9 Diesel	06/86 - 10/91	571 400 065	T6	71	1517095	1517036
80 II 1.8 - 2.8 Petrol	06/86 - 10/91	558 401 052	T5	58	1517094	1517032
80 III 1.4 - 1.8 Petrol	06/86 - 10/91	543 402 039	T4	43	1517093	1517031
80 III 1.8 - 2.8 Petrol	09/91 - 12/94	558 401 052	T5	58	1517094	1517032
80 III 1.9 Diesel	09/91 - 12/94	571 400 065	T6	71	1517095	1517036
80 IV 1.6 Petrol	09/91 - 12/94	543 402 039	T4	43	1517093	1517031
90 I 1.6 Diesel	10/84 - 03/87	558 401 052	T5	58	1517094	1517032
90 I 2.0 - 2.2 Petrol	10/84 - 03/87	558 401 052	T5	58	1517094	1517032
90 II 1.6 Diesel	04/87 - 09/91	558 401 052	T5	58	1517094	1517032
90 II 2.0 - 2.3 Petrol	04/87 - 09/91	558 401 052	T5	58	1517094	1517032
90 Super	10/66 - 11/71	558 401 052	T5	58	1517094	1517032
100 I 1.6 - 1.9 Petrol	11/68 - 07/76	558 401 052	T5	58	1517094	1517032
100 II 1.6 - 2.1 Petrol	06/76 - 07/82	558 401 052	T5	58	1517094	1517032
100 II 2.0 Diesel	06/76 - 07/82	571 400 065	T6	71	1517095	1517036
100 III 1.8 - 2.3 Petrol	08/82 - 11/90	558 401 052	T5	58	1517094	1517032
100 III 2.0 - 2.5 Diesel	08/82 - 11/90	571 400 065	T6	71	1517095	1517036
100 IV 2.0 Petrol	12/90 - 06/94	558 401 052	T5	58	1517094	1517032
100 IV 2.3 - 2.8 Petrol & 2.4 - 2.5 Diesel	12/90 - 06/94	571 400 065	T6	71	1517095	1517036
200 I 2.1 Petrol	10/79 - 09/82	558 401 052	T5	58	1517094	1517032
200 II 2.1-2.3 Petrol	06/83 - 12/91	558 401 052	T5	58	1517094	1517032
A2 1.4 - 1.6 Petrol & 1.2 - 1.4 Diesel	02/00 - 08/05	572 410 065	H6	72	1517100	1517041
A3 I 1.6 Petrol	09/96 - 05/03	544 403 036	H4	44	1517097	1517038
A3 I 1.8 - 2.0 Petrol	09/96 - 05/03	560 408 054	H5	60	1517099	1517039
A3 I S3 & 3.2 Petrol & 1.9 - 2.0 Diesel	09/96 - 05/03	572 410 065	H6	72	1517100	1517041
A3 II 1.6 Petrol	05/03 - >>	544 403 036	H4	44	1517097	1517038
A3 II 1.8 - 2.0 Petrol	05/03 - >>	560 408 054	H5	60	1517099	1517039
A3 II 3.2 Petrol & 1.9 - 2.0 Diesel	05/03 - >>	572 410 065	H6	72	1517100	1517041
A4 I 1.6 - 2.7 Petrol	01/95 - 11/00	560 408 054	H5	60	1517099	1517039
A4 I 1.9 - 2.5 Diesel	01/95 - 11/00	572 410 065	H6	72	1517100	1517041
A4 II 1.6 - 2.7 Petrol	11/00 - 11/04	560 408 054	H5	60	1517099	1517039
A4 II 3.0 - 3.2 Petrol	11/00 - 11/04	595 402 080	H8	95	1517101	1517043
A4 II 1.9 - 2.5 Diesel	11/00 - 11/04	572 410 065	H6	72	1517100	1517041
A4 III 1.6 - 2.0 Petrol	11/04 - >>	560 408 054	H5	60	1517099	1517039
A4 III 1.9 - 3.0 Diesel	11/04 - >>	572 410 065	H6	72	1517100	1517041
A6 I 1.8 - 2.3 Petrol	06/94 - 02/97	560 408 054	H5	60	1517099	1517039
A6 I 2.0 - 2.8 Petrol & 1.9 - 2.5 Diesel	06/94 - 02/97	572 410 065	H6	72	1517100	1517041

A6 I 3.2 - 4.2 Petrol & 2.7 - 3.0 Diesel	06/94 - 02/97	595 402 080	H8	95	1517101	1517043
A6 II 1.8 - 2.3 Petrol	01/97 - 01/05	560 408 054	H5	60	1517099	1517039
A6 II 1.8 - 4.2 Petrol & 1.9 - 2.5 Diesel	01/97 - 01/05	572 410 065	H6	72	1517100	1517041
A6 III 2.0 Petrol & Diesel	05/04 - >>	572 410 065	H6	72	1517100	1517041
A6 III 4.2 Petrol	05/04 - >>	595 402 080	H8	95	1517101	1517043
A8 2.8 - 3.7 Petrol	03/94 - 09/02	572 410 065	H6	72	1517100	1517041
A8 3.7 - 6.0 Petrol & 2.5 - 4.2 Diesel	03/94 - >>	595 402 080	H8	95	1517101	1517043
Allroad 2.7 - 4.2 Petrol & 2.5 Diesel	05/00 - 08/05	572 410 065	H6	72	1517100	1517041
Cabriolet 1.8 - 2.8 Petrol & 1.9 Diesel	05/91 - 08/00	571 400 065	T6	71	1517095	1517036
Q7 3.6 - 4.2 Petrol & 3.0 Diesel	03/06 - >>	595 402 080	H8	95	1517101	1517043
Quattro 2.1 - 2.2 Petrol	07/80 - 07/91	571 400 065	T6	71	1517095	1517036
TT 1.8 - 3.2 Petrol	10/98 - >>	560 408 054	H5	60	1517099	1517039
V8 3.6 - 4.2 Petrol	10/88 - 02/94	595 402 080	H8	95	1517101	1517043
AUSTIN >>>						
Maestro 1.3 - 1.6 Petrol	03/83 - 08/90	543 402 039	T4	43	1517093	1517031
Maestro 1.6 - 2.0 Petrol	03/83 - 08/90	544 403 036	H4	44	1517097	1517038
Metro 1.3 Petrol	10/80 - 04/90	543 402 039	T4	43	1517093	1517031
Montego 1.3 - 2.0 Petrol	04/84 - >>	543 402 039	T4	43	1517093	1517031
BMW >>>						
1500 - 2000 Petrol	10/62 - 11/72	544 403 036	H4	44	1517097	1517038
1502 - 2002 Petrol	04/66 - 07/77	544 403 036	H4	44	1517097	1517038
1600 GT	10/67 - 05/69	560 408 054	H5	60	1517099	1517039
2000 - 2800 Petrol	10/65 - 04/77	560 408 054	H5	60	1517099	1517039
M1	05/79 - 05/83	560 408 054	H5	60	1517099	1517039
116 - 130 Petrol	09/04 - >>	544 403 036	H4	44	1517097	1517038
315 - 320 Petrol	06/75 - 08/90	544 403 036	H4	44	1517097	1517038
323 - 325 Petrol	06/75 - 08/90	560 408 054	H5	60	1517099	1517039
320 - 335 Petrol	09/90 - >>	572 410 065	H6	72	1517100	1517041
320 Diesel	04/99 - >>	572 410 065	H6	72	1517100	1517041
325 - 335 Diesel	09/82 - >>	595 402 080	H8	95	1517101	1517043
518 - 520 Petrol	08/72 - 01/97	544 403 036	H4	44	1517097	1517038
525 - 535 Petrol	08/72 - 05/80	560 408 054	H5	60	1517099	1517039
525 - 540 Petrol	06/80 - 11/95	572 410 065	H6	72	1517100	1517041
540 - M5 Petrol	06/80 - >>	595 402 080	H8	95	1517101	1517043
525 - 535 Diesel	06/80 - >>	595 402 080	H8	95	1517101	1517043
628 - 635 Petrol	04/76 - 09/90	572 410 065	H6	72	1517100	1517041
650 Petrol	01/04 - >>	595 402 080	H8	95	1517101	1517043
728 - 745 Petrol	05/77 - 09/94	572 410 065	H6	72	1517100	1517041
728 - 740 Petrol	10/94 - 11/01	595 402 080	H8	95	1517101	1517043
730 - 740 Diesel	10/94 - 11/01	595 402 080	H8	95	1517101	1517043
840 - 850 Petrol	04/90 - 12/99	572 410 065	H6	72	1517100	1517041
Z1	06/88 - 06/91	558 401 052	T5	58	1517094	1517032
Z3	10/95 - >>	572 410 065	H6	72	1517100	1517041
Z4	02/03 - >>	560 408 054	H5	60	1517099	1517039
Z8	06/00 - 06/03	595 402 080	H8	95	1517101	1517043
X3 Petrol	01/04 - >>	560 408 054	H5	60	1517099	1517039
X3 Diesel	01/04 - >>	595 402 080	H8	95	1517101	1517043
X5 Petrol	05/00 - >>	595 402 080	H8	95	1517101	1517043
X5 Diesel	05/00 - >>	595 402 080	H8	95	1517101	1517043

Motorcraft		ETN	Size 	Ah	Finis 	Finis 
Cadillac						
XLR Petrol	03/04 - >>	558 401 052	T5	58	1517094	1517032
Escalade	10/98 - >>	572 410 065	H6	72	1517100	1517041
CHRYSLER >>>						
PT Cruiser	06/00 - >>	558 401 052	T5	58	1517094	1517032
Crossfire	07/03 - >>	572 410 065	H6	72	1517100	1517041
300 M Petrol	07/98 - >>	572 410 065	H6	72	1517100	1517041
300 C Diesel	09/04 - >>	595 402 080	H8	95	1517101	1517043
CITROËN >>>						
AMI Petrol	01/63 - 12/77	544 403 036	H4	44	1517097	1517038
GS Petrol	09/70 - 07/86	544 403 036	H4	44	1517097	1517038
AX Petrol	07/86 - 12/98	544 403 036	H4	44	1517097	1517038
AX Diesel	07/86 - 12/98	560 408 054	H5	60	1517099	1517039
BX Petrol	10/82 - 12/94	544 403 036	H4	44	1517097	1517038
BX Diesel	10/82 - 09/93	572 410 065	H6	72	1517100	1517041
CX I Petrol	09/74 - 08/85	560 408 054	H5	60	1517099	1517039
CX I Diesel	09/74 - 08/85	572 410 065	H6	72	1517100	1517041
CX II Petrol	07/85 - 12/92	560 408 054	H5	60	1517099	1517039
CX II Diesel	07/85 - 12/92	572 410 065	H6	72	1517100	1517041
C15 Petrol & Diesel	10/84 - >>	544 403 036	H4	44	1517097	1517038
C25 Petrol	07/81 - 02/94	560 408 054	H5	60	1517099	1517039
C25 Diesel	07/81 - 02/94	595 402 080	H8	95	1517101	1517043
C35 Diesel	11/73 - 01/94	595 402 080	H8	95	1517101	1517043
AX Petrol	07/86 - 12/98	544 403 036	H4	44	1517097	1517038
AX Diesel	07/86 - 12/98	560 408 054	H5	60	1517099	1517039
ZX Petrol	03/91 - 06/97	544 403 036	H4	44	1517097	1517038
ZX Diesel	03/91 - 06/97	560 408 054	H5	60	1517099	1517039
Berlingo Petrol	07/96 - >>	560 408 054	H5	60	1517099	1517039
Berlingo Diesel	07/96 - >>	572 410 065	H6	72	1517100	1517041
Saxo Petrol	05/96 - >>	544 403 036	H4	44	1517097	1517038
Saxo Diesel	05/96 - >>	560 408 054	H5	60	1517099	1517039
C1 Diesel	06/05 - >>	544 403 036	H4	44	1517097	1517038
C2 Diesel	09/03 - >>	560 408 054	H5	60	1517099	1517039
C3 Petrol	02/02 - >>	544 403 036	H4	44	1517097	1517038
C3 Diesel	02/02 - >>	560 408 054	H5	60	1517099	1517039
C4 Petrol & Diesel	11/04 - >>	560 408 054	H5	60	1517099	1517039
C5 Petrol	03/01 - >>	560 408 054	H5	60	1517099	1517039
C5 Diesel	03/01 - >>	572 410 065	H6	72	1517100	1517041
C6 Petrol	09/05 - >>	571 400 065	T6	71	1517095	1517036
C8 Petrol & Diesel	07/02 - >>	572 410 065	H6	72	1517100	1517041
XM Petrol	05/89 - 10/00	572 410 065	H6	72	1517100	1517041
XM Diesel	05/94 - 10/00	572 410 065	H6	72	1517100	1517041
Visa Petrol	09/78 - 03/91	544 403 036	H4	44	1517097	1517038
Visa Diesel	09/78 - 03/91	560 408 054	H5	60	1517099	1517039
Xantia 1.6 - 2.0 Petrol & 1.9 Diesel	03/93 - >>	560 408 054	H5	60	1517099	1517039
Xantia 3.0 Petrol & 2.0 - 2.1 Diesel	03/93 - >>	595 402 080	H8	95	1517101	1517043
Xsara 1.4 - 1.8 Petrol	04/97 - >>	544 403 036	H4	44	1517097	1517038
Xsara 2.0 Diesel	04/97 - >>	560 408 054	H5	60	1517099	1517039
Xsara 2.0 Petrol & 1.4 - 1.9 Diesel	04/97 - >>	572 410 065	H6	72	1517100	1517041
Jumpy Petrol	06/94 - >>	560 408 054	H5	60	1517099	1517039




		ETN	Size 	Ah	Finis 	Finis 
Jumpy Diesel	06/94 - 12/06	560 408 054	H5	60	1517099	1517039
Jumpy Diesel	01/07 - >>	572 410 065	H6	72	1517100	1517041
Jumper Petrol	02/94 - >>	560 408 054	H5	60	1517099	1517039
Jumper 1.9 - 2.2 Diesel	02/94 - >>	572 410 065	H6	72	1517100	1517041
Jumper 2.5 - 3.0 Diesel	02/94 - >>	595 402 080	H8	95	1517101	1517043
Evasion Petrol	06/94 - 07/02	560 408 054	H5	60	1517099	1517039
Evasion Diesel	06/94 - 07/02	572 410 065	H6	72	1517100	1517041
DACIA >>>						
1300, 1310 Petrol	12/72 - 05/83	544 403 036	H4	44	1517097	1517038
Logan Petrol	09/04 - >>	544 403 036	H4	44	1517097	1517038
Logan Diesel	72 - >>	558 401 052	T5	58	1517094	1517032
DAEWOO >>>						
Espero Petrol	10/91 - 09/99	560 408 054	H5	60	1517099	1517039
Nexia Petrol	02/95 - 08/97	560 408 054	H5	60	1517099	1517039
DAIHATSU >>>						
Hijet Diesel	12/92 - >>	560 408 054	H5	60	1517099	1517039
Rocky all	02/85 - 04/93	591 401 074	D31	91	1517096	1517037
FIAT >>>						
132 2.0 - 2.5 Diesel	04/72 - 12/82	572 410 065	H6	72	1517100	1517041
Argenta 2500 Diesel	05/77 - 03/87	572 410 065	H6	72	1517100	1517041
Barchetta	03/95 - >>	544 403 036	H4	44	1517097	1517038
Brava/Bravo Petrol	10/95 - 10/01	544 403 036	H4	44	1517097	1517038
Brava/Bravo Diesel	10/95 - 10/01	560 408 054	H5	60	1517099	1517039
Campagnola 2.4 Diesel	06/74 - 10/89	572 410 065	H6	72	1517100	1517041
Coupe	11/93 - >>	544 403 036	H4	44	1517097	1517038
Croma Petrol	12/85 - 12/96	544 403 036	H4	44	1517097	1517038
Croma Diesel	12/85 - 12/96	572 410 065	H6	72	1517100	1517041
Croma Petrol & Diesel	06/05 - >>	560 408 054	H5	60	1517099	1517039
Doblo Petrol	03/01 - >>	544 403 036	H4	44	1517097	1517038
Doblo Diesel	03/01 - >>	572 410 065	H6	72	1517100	1517041
Ducato Petrol	01/90 - >>	572 410 065	H6	72	1517100	1517041
Ducato Diesel	01/82 - >>	595 402 080	H8	95	1517101	1517043
Duna Petrol	01/87 - 12/91	544 403 036	H4	44	1517097	1517038
Duna Diesel	01/87 - 12/91	560 408 054	H5	60	1517099	1517039
Elba Petrol	04/86 - 12/96	544 403 036	H4	44	1517097	1517038
Elba Diesel	04/86 - 12/96	560 408 054	H5	60	1517099	1517039
Fiorino Petrol	10/77 - 12/87	544 403 036	H4	44	1517097	1517038
Fiorino Petrol	01/88 - 05/01	572 410 065	H6	72	1517100	1517041
Fiorino Diesel	10/82 - 12/88	572 410 065	H6	72	1517100	1517041
Idea Petrol	01/04 - >>	544 403 036	H4	44	1517097	1517038
Idea Diesel	01/04 - >>	560 408 054	H5	60	1517099	1517039
Marea Petrol	09/96 - >>	544 403 036	H4	44	1517097	1517038
Marea Diesel	09/96 - >>	560 408 054	H5	60	1517099	1517039
Multipla Petrol	04/99 - >>	544 403 036	H4	44	1517097	1517038
Palio Petrol	04/96 - >>	560 408 054	H5	60	1517099	1517039
Palio Diesel	04/96 - >>	544 403 036	H4	44	1517097	1517038
Multipla Diesel	04/99 - >>	560 408 054	H5	60	1517099	1517039
Panda 1.3 Diesel	03/80 - >>	544 403 036	H4	44	1517097	1517038
Premio Petrol	03/85 - 12/96	544 403 036	H4	44	1517097	1517038
Punto Diesel	09/93 - >>	544 403 036	H4	44	1517097	1517038

Motorcraft		ETN	Size 	Ah	Finis 	Finis 
Ritmo Petrol	01/78 - 07/89	544 403 036	H4	44	1517097	1517038
Ritmo Diesel	10/82 - 12/88	560 408 054	H5	60	1517099	1517039
Regata Petrol	09/83 - 06/91	544 403 036	H4	44	1517097	1517038
Regata Diesel	09/83 - 12/90	560 408 054	H5	60	1517099	1517039
Scudo Petrol	02/96 - >>	560 408 054	H5	60	1517099	1517039
Scudo Diesel	02/96 - >>	572 410 065	H6	72	1517100	1517041
Sedici Petrol	06/06 - >>	544 403 036	H4	44	1517097	1517038
Sedici Diesel	06/06 - >>	560 408 054	H5	60	1517099	1517039
Siena	04/96 - >>	544 403 036	H4	44	1517097	1517038
Stilo Petrol	10/01 - >>	544 403 036	H4	44	1517097	1517038
Stilo Diesel	10/01 - >>	560 408 054	H5	60	1517099	1517039
Strada Petrol	06/99 - >>	544 403 036	H4	44	1517097	1517038
Strada Diesel	06/99 - >>	560 408 054	H5	60	1517099	1517039
Talento Petrol	03/89 - 03/94	572 410 065	H6	72	1517100	1517041
Talento Diesel	03/89 - 03/94	595 402 080	H8	95	1517101	1517043
Tempra	03/90 - 08/97	560 408 054	H5	60	1517099	1517039
Tipo Petrol	07/87 - 04/95	544 403 036	H4	44	1517097	1517038
Tipo Diesel	07/87 - 04/95	560 408 054	H5	60	1517099	1517039
Ulysse Petrol	06/94 - 08/02	560 408 054	H5	60	1517099	1517039
Ulysse Diesel	06/94 - 08/02	572 410 065	H6	72	1517100	1517041
Uno 0.9 - 1-3 Petrol	01/83 - >>	544 403 036	H4	44	1517097	1517038
Uno 1.4 - 1-6 Petrol & all Diesel	01/83 - >>	560 408 054	H5	60	1517099	1517039
FORD MOTORCRAFT CALCIUM PLUS >>>						
Capri 1.6, 2.0 Petrol	74 - 88	543 402 039	T4 *	43	1517093	1517031
Capri 2.8, 3.0 Petrol	74 - 88	558 401 052	T5 *	58	1517094	1517032
Cargo	all	591 401 074	D31	91	1517096	1517037
Cougar 2.0 Petrol	98 -	558 401 052	T5	58	1517094	1517032
Cougar 2.5 V6 Petrol	98 -	571 400 065	T6	71	1517095	1517036
Escort / Orion (86 / 91) 1.3 - 2.0 Petrol	86 - 96	558 401 052	T5 *	58	1517094	1517032
Escort / Orion (86 / 91) 1.8 Diesel	86 - 96	571 400 065	T6 *	71	1517095	1517036
Escort (95) 1.3 - 2.0 Petrol	95 - 01	558 401 052	T5	58	1517094	1517032
Escort (95) 1.8 Diesel	95 - 01	571 400 065	T6	71	1517095	1517036
Fiesta (89) 1.1 - 1.4 Petrol	89 - 95	543 402 039	T4 *	43	1517093	1517031
Fiesta (89) 1.6 - 1.8 Petrol	89 - 95	558 401 052	T5 *	58	1517094	1517032
Fiesta (89) 1.8 Diesel	89 - 95	571 400 065	T6 *	71	1517095	1517036
Fiesta (96) 1.0 - 1.4 Petrol	96 - 98	543 402 039	T4	43	1517093	1517031
Fiesta (96) 1.6 Petrol	96 - 98	558 401 052	T5	58	1517094	1517032
Fiesta (96) 1.8 Diesel	96 - 98	571 400 065	T6	71	1517095	1517036
Focus (98) 1.4 - 1.6 Petrol	99 - 04	543 402 039	T4	43	1517093	1517031
Focus (98) 1.8 - 2.0 Petrol & ST170	99 - 04	558 401 052	T5	58	1517094	1517032
Focus (98) 1.8 Diesel	99 - 04	571 400 065	T6	71	1517095	1517036
Galaxy (95) 2.0 - 2.3 Petrol	95 - 00	560 408 054	H5 **	60	1517099	1517039
Galaxy (95) 2.8 V6 Petrol	95 - 00	595 402 080	H8 **	95	1517101	1517043
Galaxy (95) Diesel	95 - 00	595 402 080	H8 **	95	1517101	1517043
Granada / Scorpio 1.8 - 2.4 Petrol	- 98	558 401 052	T5 *	58	1517094	1517032
Granada / Scorpio 2.8 - 2.9 Petrol & 2.5 Diesel	- 98	571 400 065	T6 *	71	1517095	1517036
Ka 1.3 Petrol	96 -	543 402 039	T4	43	1517093	1517031
Maverick 2.4 Petrol & 2.7 Diesel	93 -	591 401 074	D31	91	1517096	1517037
Maverick (2000) 2.0 - 3.0 Petrol	00 -	560 408 054	H5 **	60	1517099	1517039
Mondeo (93) 1.6 - 2.5 Petrol	93 - 98	558 401 052	T5 *	58	1517094	1517032

* = Terminal adapters Finis 1493705 required, ** = Hold down adapters Finis 1493704 required




Mondeo (93) 1.8 Diesel	93 - 98	571 400 065	T6 *	71	1517095	1517036
Mondeo (96) 1.6 - 2.0 Petrol	96 - 00	558 401 052	T5	58	1517094	1517032
Mondeo (96) 2.5 V6 Petrol & 1.8 Diesel	96 - 00	571 400 065	T6	71	1517095	1517036
Puma 1.4 Petrol	98 -	543 402 039	T4	43	1517093	1517031
Puma 1.6 / 1.7 Petrol	98 -	558 401 052	T5	58	1517094	1517032
Ranger (single battery)	99 -	591 401 074	D31	91	1517096	1517037
Sierra 1.6 - 2.9 Petrol & 1.8 Diesel	82 - 93	558 401 052	T5 *	58	1517094	1517032
Sierra 2.5 Diesel	82 - 93	571 400 065	T6 *	71	1517095	1517036
Transit (85) 2.0 Petrol	85 - 94	558 401 052	T5 *	58	1517094	1517032
Transit (85) 2.9 V6 Petrol & 2.5 Diesel	85 - 94	571 400 065	T6 *	71	1517095	1517036
Transit (95) 2.0 Petrol	96 - 98	558 401 052	T5	58	1517094	1517032
Transit (95) 2.5 Diesel	96 - 98	571 400 065	T6	71	1517095	1517036
FORD USA >>>						
Explorer	all	815 565 065	US	65	3894012	-
Mustang	all	560 408 054	H5	60	1517099	1517039
Probe I & II	all	815 558 058	US	58	3872099	-
Windstar	all	815 585 088	US	85	3894013	-
HONDA >>>						
Accord Petrol	10/98 - >>	560 408 054	H5	60	1517099	1517039
Accord 2.0 Diesel	02/96 - >>	572 410 065	H6	72	1517100	1517041
Accord 2.2 Diesel	02/03 - >>	595 402 080	H8	95	1517101	1517043
Civic 2.2 Diesel	01/06 - >>	572 410 065	H6	72	1517100	1517041
Concerto Petrol	08/89 - 10/96	544 403 036	H4	44	1517097	1517038
CV-R 2.2 Diesel	07/02 - >>	572 410 065	H6	72	1517100	1517041
FR-V 2.2 Diesel	02/05 - >>	572 410 065	H6	72	1517100	1517041
HYUNDAI >>>						
Accent Petrol	01/00 - >>	544 403 036	H4	44	1517097	1517038
Elantra 1.6 Petrol	06/00 - >>	544 403 036	H4	44	1517097	1517038
Elantra 1.8 - 2.0 Petrol	06/00 - >>	560 408 054	H5	60	1517099	1517039
Galloper Diesel	08/91 - >>	591 401 074	D31	91	1517096	1517037
Getz Petrol	09/02 - >>	544 403 036	H4	44	1517097	1517038
Grandeur Petrol	04/05 - >>	572 410 065	H6	72	1517100	1517041
Lantra 1.5 - 1.6 Petrol	11/95 - >>	544 403 036	H4	44	1517097	1517038
Lantra 1.8 - 2.0 Petrol	11/95 - >>	560 408 054	H5	60	1517099	1517039
Matrix Petrol	06/01 - >>	560 408 054	H5	60	1517099	1517039
Sant Fé 2.0 - 2.7 Petrol	02/01 - >>	560 408 054	H5	60	1517099	1517039
Sonata 2.0 Petrol	03/98 - 10/01	560 408 054	H5	60	1517099	1517039
Sonata 2.4 - 2.5 Petrol	03/98 - 10/01	572 410 065	H6	72	1517100	1517041
Sonata 2.0 - 2.7 Petrol	10/01 - >>	560 408 054	H5	60	1517099	1517039
Stellar Petrol	10/83 - 12/91	544 403 036	H4	44	1517097	1517038
Trajet Petrol	03/00 - >>	560 408 054	H5	60	1517099	1517039
XG Petrol	12/98 - >>	572 410 065	H6	72	1517100	1517041
JAGUAR >>>						
S-Type Petrol & Diesel	01/99 - >>	595 402 080	H8	95	1517101	1517043
X-Type Petrol & Diesel	06/01 - >>	572 410 065	H6	72	1517100	1517041
XJ 2.8 - 3.6 Petrol	07/68 - 11/94	560 408 054	H5	60	1517099	1517039
XJ 3.0 - 4.2 Petrol	11/94 - >>	572 410 065	H6	72	1517100	1517041
XJ 3.2 - 6.0 Petrol	11/94 - 07/97	572 410 065	H6	72	1517100	1517041
XJ Diesel	05/03 - >>	572 410 065	H6	72	1517100	1517041

* = Terminal adapters Finis 1493705 required, ** = Hold down adapters Finis 1493704 required




Motorcraft		ETN	Size 	Ah	Finis 	Finis 
XK8	03/96 - >>	595 402 080	H8	95	1517101	1517043
XK	03/06 - >>	595 402 080	H8	95	1517101	1517043
JEEP >>>						
CJ5 - CJ8 Petrol	01/66 - 12/87	560 408 054	H5	60	1517099	1517039
Commander Petrol	09/05 - >>	572 410 065	H6	72	1517100	1517041
Grand Cherokee Petrol	04/99 - >>	572 410 065	H6	72	1517100	1517041
Grand Cherokee 2.7 Diesel	04/99 - >>	595 402 080	H8	95	1517101	1517043
KIA >>>						
Carens Petrol	11/00 - >>	560 408 054	H5	60	1517099	1517039
Cerato Petrol	04/04 - >>	560 408 054	H5	60	1517099	1517039
Clarus Petrol	07/96 - >>	560 408 054	H5	60	1517099	1517039
Magentis Petrol	05/01 - >>	560 408 054	H5	60	1517099	1517039
Roadster Petrol	08/99 - >>	560 408 054	H5	60	1517099	1517039
Sorento Diesel	08/02 - >>	591 401 074	D31	91	1517096	1517037
Sportage Petrol	04/94 - >>	560 408 054	H5	60	1517099	1517039
LANCIA >>>						
Dedra Petrol	01/89 - 07/99	560 408 054	H5	60	1517099	1517039
Dedra Diesel	01/89 - 07/99	572 410 065	H6	72	1517100	1517041
Delta Petrol	06/93 - 08/99	544 403 036	H4	44	1517097	1517038
Delta Diesel	09/79 - 08/99	572 410 065	H6	72	1517100	1517041
Kappa Petrol	08/94 - 10/01	560 408 054	H5	60	1517099	1517039
Kappa Diesel	08/94 - 10/01	572 410 065	H6	72	1517100	1517041
Lybra Petrol	07/99 - >>	544 403 036	H4	44	1517097	1517038
Lybra Diesel	07/99 - >>	560 408 054	H5	60	1517099	1517039
Musa Petrol	10/04 - >>	560 408 054	H5	60	1517099	1517039
Phedra Petrol & Diesel	09/02 - >>	572 410 065	H6	72	1517100	1517041
Prisma Petrol	01/83 - 02/92	560 408 054	H5	60	1517099	1517039
Prisma Diesel	01/83 - 02/92	572 410 065	H6	72	1517100	1517041
Thema Petrol	11/84 - 07/94	544 403 036	H4	44	1517097	1517038
Thema Diesel	11/84 - 07/94	572 410 065	H6	72	1517100	1517041
Thesis Petrol & Diesel	07/02 - >>	595 402 080	H8	95	1517101	1517043
Ypsilon Petrol & Diesel	10/03 - >>	560 408 054	H5	60	1517099	1517039
Zeta Petrol & Diesel	05/95 - 09/02	560 408 054	H5	60	1517099	1517039
LAND ROVER >>>						
Discovery Petrol & Diesel	10/04 - >>	595 402 080	H8	95	1517101	1517043
Freelander Petrol	02/98 - 01/06	560 408 054	H5	60	1517099	1517039
Freelander Petrol	02/06 - >>	572 410 065	H6	72	1517100	1517041
Freelander Diesel	02/98 - >>	572 410 065	H6	72	1517100	1517041
Land Rover	09/63 - 12/86	591 401 074	D31	91	1517096	1517037
Range Rover Petrol & Diesel	03/02 - >>	595 402 080	H8	95	1517101	1517043
LEXUS >>>						
IS 220 Diesel	10/05 - >>	591 401 074	D31	91	1517096	1517037
LS 460	10/00 - >>	591 401 074	D31	91	1517096	1517037
LOTUS >>>						
Elise	08/95 - >>	543 402 039	T4	43	1517093	1517031
Exige	09/01 - >>	543 402 039	T4	43	1517093	1517031
Eclat	10/75 - 08/86	560 408 054	H5	60	1517099	1517039
Elan	09/89 - 11/95	560 408 054	H5	60	1517099	1517039
Esprit	10/75 - >>	558 401 052	T5	58	1517094	1517032
Excel	10/83 - 08/91	560 408 054	H5	60	1517099	1517039









MASERATI >>>						
228	12/86 - 12/90	560 408 054	H5	60	1517099	1517039
Karif	04/88 - >>	572 410 065	H6	72	1517100	1517041
Shamal	09/89 - 11/95	572 410 065	H6	72	1517100	1517041
Spyder	03/02 - >>	572 410 065	H6	72	1517100	1517041
MAZDA >>>						
121 Petrol	03/96 - >>	560 408 054	H5	60	1517099	1517039
121 Diesel	03/96 - >>	572 410 065	H6	72	1517100	1517041
2 Petrol & Diesel	04/03 - >>	543 402 039	T4	43	1517093	1517031
3 Petrol & Diesel	10/03 - >>	558 401 052	T5	58	1517094	1517032
B-Serie	01/85 - >>	591 401 074	D31	91	1517096	1517037
Tribute Petrol	03/00 - >>	560 408 054	H5	60	1517099	1517039
Xedos Petrol	07/93 - >>	558 401 052	T5	58	1517094	1517032
MERCEDES BENZ >>>						
A-Class Petrol	07/97 - >>	560 408 054	H5	60	1517099	1517039
A-Class Diesel	07/97 - >>	572 410 065	H6	72	1517100	1517041
B-Class Petrol	03/05 - >>	560 408 054	H5	60	1517099	1517039
B-Class Diesel	03/05 - >>	572 410 065	H6	72	1517100	1517041
190 1.8 Petrol	10/82 - 08/93	544 403 036	H4	44	1517097	1517038
190 2.0 - 2.6 Petrol	10/82 - 08/93	560 408 054	H5	60	1517099	1517039
190 2.0 - 2.5 Diesel	10/82 - 08/93	572 410 065	H6	72	1517100	1517041
C-Class 1.8 - 2.4 Petrol	03/93 - >>	560 408 054	H5	60	1517099	1517039
C-Class 2.8 - 5.5 Petrol	03/93 - >>	572 410 065	H6	72	1517100	1517041
C-Class 2.0 - 3.2 Diesel	03/93 - >>	572 410 065	H6	72	1517100	1517041
E-Class 2.0 - 2.4 Petrol	06/93 - >>	560 408 054	H5	60	1517099	1517039
E-Class 2.8 - 6.0 Petrol	06/93 - >>	572 410 065	H6	72	1517100	1517041
E-Class 2.0 - 3.2 Diesel	06/93 - >>	572 410 065	H6	72	1517100	1517041
S-Class 2.6 - 5.6 Petrol	08/72 - 06/91	572 410 065	H6	72	1517100	1517041
S-Class 2.8 - 6.0 Petrol	02/91 - >>	595 402 080	H8	95	1517101	1517043
S-Class 3.0 - 4.0 Diesel	02/91 - >>	595 402 080	H8	95	1517101	1517043
SLK	04/96 - 04/04	560 408 054	H5	60	1517099	1517039
SLK	03/04 - >>	572 410 065	H6	72	1517100	1517041
CLK 2.0 - 2.4 Petrol	06/97 - >>	560 408 054	H5	60	1517099	1517039
CLK 2.8 - 5.5 Petrol	06/97 - >>	572 410 065	H6	72	1517100	1517041
CLK 2.2 - 2.7 Diesel	06/02 - >>	572 410 065	H6	72	1517100	1517041
CLK 6.3 Petrol & 3.2 Diesel	06/02 - >>	595 402 080	H8	95	1517101	1517043
SL 2.8 - 3.8 Petrol	05/71 - 08/89	560 408 054	H5	60	1517099	1517039
SL 4.2 - 6.0 Petrol	01/72 - >>	572 410 065	H6	72	1517100	1517041
G-Class 2.3 - 3.0 Petrol	03/79 - >>	572 410 065	H6	72	1517100	1517041
G-Class 3.2 - 5.0 Petrol	03/79 - >>	595 402 080	H8	95	1517101	1517043
G-Class 2.4 - 4.0 Diesel	03/79 - >>	595 402 080	H8	95	1517101	1517043
GL-Class 4.5 - 5.0 Petrol	09/06 - >>	595 402 080	H8	95	1517101	1517043
GL-Class 3.2 - 4.2 Diesel	09/06 - >>	595 402 080	H8	95	1517101	1517043
Vaneo all	02/02 - >>	572 410 065	H6	72	1517100	1517041
Viano all	09/03 - >>	572 410 065	H6	72	1517100	1517041
Vito 2.0 - 3.2 Petrol	02/96 - >>	572 410 065	H6	72	1517100	1517041
Vito 2.2 - 2.3 Diesel	02/96 - >>	595 402 080	H8	95	1517101	1517043
V-Class all	02/96 - >>	595 402 080	H8	95	1517101	1517043
Sprinter all	01/95 - >>	572 410 065	H6	72	1517100	1517041

Motorcraft		ETN	Size 	Ah	Finis 	Finis 
MG >>>						
Maestro Petrol	03/83 - 09/90	543 402 039	T4	43	1517093	1517031
Metro Petrol	04/84 - 09/90	558 401 052	T5	58	1517094	1517032
Montego Petrol	03/95 - 03/02	558 401 052	T5	58	1517094	1517032
MGF all	03/95 - 03/02	558 401 052	T5	58	1517094	1517032
MGR V8	09/92 - 12/95	558 401 052	T5	58	1517094	1517032
MG TF all	03/02 - >>	560 408 054	H5	60	1517099	1517039
MG X-Power 4.5 - 5.0 Petrol	01/03 - >>	571 400 065	T6	71	1517095	1517036
MG ZR Petrol	06/01 - >>	558 401 052	T5	58	1517094	1517032
MG ZS Petrol	07/01 - >>	544 403 036	H4	44	1517097	1517038
MG ZS Diesel	07/01 - >>	571 400 065	T6	71	1517095	1517036
MG ZT Petrol	06/01 - >>	560 408 054	H5	60	1517099	1517039
MG ZT Diesel	06/01 - >>	572 410 065	H6	72	1517100	1517041
MINI >>>						
Mini-Moke	01/87 - >>	544 403 036	H4	44	1517097	1517038
Cooper (88 KW)	06/01 - >>	543 402 039	T4	43	1517093	1517031
One, Cooper, Works Petrol	06/01 - >>	544 403 036	H4	44	1517097	1517038
One Diesel	06/01 - >>	572 410 065	H6	72	1517100	1517041
MITSUBISHI >>>						
Carisma Petrol	07/95 - >>	560 408 054	H5	60	1517099	1517039
Carisma Diesel	07/95 - >>	572 410 065	H6	72	1517100	1517041
Colt Petrol	06/04 - >>	544 403 036	H4	44	1517097	1517038
Colt Diesel	06/04 - >>	560 408 054	H5	60	1517099	1517039
Lancer all	09/03 - >>	560 408 054	H5	60	1517099	1517039
Pajero Petrol except V6	10/99 - >>	560 408 054	H5	60	1517099	1517039
Pajero Diesel and V6 Petrol	12/82 - >>	591 401 074	D31	91	1517096	1517037
Space Gear Diesel	05/95 - 05/00	591 401 074	D31	91	1517096	1517037
Space Star Petrol	06/98 - >>	560 408 054	H5	60	1517099	1517039
Space Star Diesel	06/98 - >>	572 410 065	H6	72	1517100	1517041
Space Wagon Diesel	10/91 - 10/98	591 401 074	D31	91	1517096	1517037
L 300 Bus & Van	11/86 - >>	591 401 074	D31	91	1517096	1517037
L 400 Bus & Van	06/96 - >>	591 401 074	D31	91	1517096	1517037
NISSAN >>>						
Almera Petrol	03/00 - >>	543 402 039	T4	43	1517093	1517031
Almera Diesel	03/00 - >>	571 400 065	T6	71	1517095	1517036
Interstar Diesel	07/02 - >>	595 402 080	H8	95	1517101	1517043
Kubistar Petrol	08/03 - >>	543 402 039	T4	43	1517093	1517031
Kubistar Diesel	08/03 - >>	572 410 065	H6	72	1517100	1517041
Maxima Diesel	03/00 - >>	572 410 065	H6	72	1517100	1517041
Micra Petrol	01/03 - >>	543 402 039	T4	43	1517093	1517031
Micra C+C Petrol	08/05 - >>	558 401 052	T5	58	1517094	1517032
Micra Diesel	08/92 - >>	558 401 052	T5	58	1517094	1517032
Navara Diesel	07/05 - >>	572 410 065	H6	72	1517100	1517041
Note Petrol	03/06 - >>	543 402 039	T4	43	1517093	1517031
Note Diesel	03/06 - >>	558 401 052	T5	58	1517094	1517032
Pathfinder Petrol	03/05 - >>	560 408 054	H5	60	1517099	1517039
Pathfinder Diesel	09/85 - 02/05	591 401 074	D31	91	1517096	1517037
Pathfinder Diesel	03/05 - >>	572 410 065	H6	72	1517100	1517041
Pick Up Diesel	09/85 - >>	591 401 074	D31	91	1517096	1517037
Primastar Diesel	09/02 - >>	572 410 065	H6	72	1517100	1517041




Primera Petrol	06/90 - 05/96	544 403 036	H4	44	1517097	1517038
Primera Petrol	06/96 - >>	560 408 054	H5	60	1517099	1517039
Primera Diesel	06/90 - >>	572 410 065	H6	72	1517100	1517041
Qashqai 1.6 Petrol	02/07 - >>	544 403 036	H4	44	1517097	1517038
Qashqai 2.0 Petrol	02/07 - >>	560 408 054	H5	60	1517099	1517039
Qashqai Diesel	02/07 - >>	572 410 065	H6	72	1517100	1517041
Serena Diesel	07/92 - >>	591 401 074	D31	91	1517096	1517037
Terrano Petrol	02/93 - >>	560 408 054	H5	60	1517099	1517039
Terrano Diesel	02/93 - >>	591 401 074	D31	91	1517096	1517037
Urvan Bus & Van	10/00 - >>	591 401 074	D31	91	1517096	1517037
X-Trail Petrol	07/01 - >>	572 410 065	H6	72	1517100	1517041
OPEL >>>						
Agila all	09/00 - >>	543 402 039	T4	43	1517093	1517031
Arena Diesel	03/98 - 08/01	572 410 065	H6	72	1517100	1517041
Ascona Petrol	08/79 - 08/91	558 401 052	T5	58	1517094	1517032
Ascona Petrol	10/70 - 08/88	543 402 039	T4	43	1517093	1517031
Ascona Diesel	09/81 - 08/88	558 401 052	T5	58	1517094	1517032
Astra 1.0 - 1.8 Petrol	09/91 - >>	543 402 039	T4	43	1517093	1517031
Astra 1.8 - 2.0 Petrol	02/98 - >>	558 401 052	T5	58	1517094	1517032
Astra Diesel	09/91 - 01/98	558 401 052	T5	58	1517094	1517032
Astra Diesel	02/98 - >>	571 400 065	T6	71	1517095	1517036
Calibra	06/90 - 07/97	571 400 065	T6	71	1517095	1517036
Campo Petrol	08/87 - >>	571 400 065	T6	71	1517095	1517036
Combo Petrol	07/94 - >>	543 402 039	T4	43	1517093	1517031
Combo Diesel	07/94 - >>	558 401 052	T5	58	1517094	1517032
Corsa Petrol	09/82 - 06/06	543 402 039	T4	43	1517093	1517031
Corsa Petrol	07/06 - >>	558 401 052	T5	58	1517094	1517032
Corsa Diesel	09/82 - 06/06	558 401 052	T5	58	1517094	1517032
Corsa Diesel	07/06 - >>	571 400 065	T6	71	1517095	1517036
Frontera all	03/92 - 10/98	572 410 065	H6	72	1517100	1517041
Kadett Petrol	09/65 - 08/91	543 402 039	T4	43	1517093	1517031
Manta 1.2 - 1.6 Petrol	09/70 - 08/88	543 402 039	T4	43	1517093	1517031
Manta 1.8 - 2.4 Petrol	09/70 - 08/88	558 401 052	T5	58	1517094	1517032
Meriva Petrol	05/03 - >>	558 401 052	T5	58	1517094	1517032
Meriva Diesel	05/03 - >>	571 400 065	T6	71	1517095	1517036
Movano Diesel	07/98 - >>	595 402 080	H8	95	1517101	1517043
Omega 1.8 Petrol	09/86 - 05/94	543 402 039	T4	43	1517093	1517031
Omega 2.0 Petrol	09/86 - 07/03	558 401 052	T5	58	1517094	1517032
Omega 2.2 - 3.2 Petrol Petrol	09/86 - 07/03	571 400 065	T6	71	1517095	1517036
Omega 2.0 - 2.3 Diesel	09/86 - 07/03	571 400 065	T6	71	1517095	1517036
Rekord 1.7 - 1.8 Petrol	01/72 - 08/86	543 402 039	T4	43	1517093	1517031
Rekord 1.9 - 2.2 Petrol	01/72 - 08/86	558 401 052	T5	58	1517094	1517032
Rekord Diesel	01/72 - 08/86	571 400 065	T6	71	1517095	1517036
Senator Petrol	02/78 - 09/93	558 401 052	T5	58	1517094	1517032
Senator Diesel	02/78 - 09/93	571 400 065	T6	71	1517095	1517036
Signum 1.8 Petrol	05/03 - >>	558 401 052	T5	58	1517094	1517032
Signum 2.0 - 3.2 Petrol	05/03 - >>	571 400 065	T6	71	1517095	1517036
Signum Diesel	05/03 - >>	571 400 065	T6	71	1517095	1517036
Sintra all	11/96 - 04/99	558 401 052	T5	58	1517094	1517032
Speedster all	09/00 - >>	543 402 039	T4	43	1517093	1517031

Motorcraft		ETN	Size 	Ah	Finis 	Finis 
Tigra Petrol	07/94 - 12/00	543 402 039	T4	43	1517093	1517031
Tigra Twin Top	06/04 - >>	558 401 052	T5	58	1517094	1517032
Vectra 1.4 - 1.8 Petrol	04/88 - 03/02	543 402 039	T4	43	1517093	1517031
Vectra 1.6 - 1.8 Petrol	04/02 - >>	560 408 054	H5	60	1517099	1517039
Vectra 2.0 - 2.6 Petrol	04/88 - 07/03	558 401 052	T5	58	1517094	1517032
Vectra 2.8 Petrol	08/02 - >>	571 400 065	T6	71	1517095	1517036
Vectra 3.2 V6 & Turbo Petrol	08/02 - >>	572 410 065	H6	72	1517100	1517041
Vectra Diesel	04/82 - >>	571 400 065	T6	71	1517095	1517036
Vivaro all	08/01 - >>	572 410 065	H6	72	1517100	1517041
Zafira 1.6 - 1.8 Petrol	04/99 - >>	543 402 039	T4	43	1517093	1517031
Zafira 2.0 - 2.2 Petrol	04/99 - >>	558 401 052	T5	58	1517094	1517032
Zafira Diesel	04/99 - >>	571 400 065	T6	71	1517095	1517036
PEUGEOT >>>						
106 Petrol	09/91 - >>	544 403 036	H4	44	1517097	1517038
106 Diesel	09/91 - >>	560 408 054	H5	60	1517099	1517039
205 Petrol	02/83 - 09/98	544 403 036	H4	44	1517097	1517038
205 Diesel	02/83 - 09/98	572 410 065	H6	72	1517100	1517041
206 Petrol	09/98 - >>	544 403 036	H4	44	1517097	1517038
206 Diesel	09/98 - >>	560 408 054	H5	60	1517099	1517039
207 Petrol	02/06 - >>	544 403 036	H4	44	1517097	1517038
207 Diesel	02/06 - >>	572 410 065	H6	72	1517100	1517041
305 Petrol	11/77 - 07/90	560 408 054	H5	60	1517099	1517039
305 Diesel	11/77 - 07/90	572 410 065	H6	72	1517100	1517041
306 Petrol	05/93 - >>	544 403 036	H4	44	1517097	1517038
306 Diesel	05/93 - >>	572 410 065	H6	72	1517100	1517041
307 Petrol	08/00 - >>	544 403 036	H4	44	1517097	1517038
309 Petrol	10/85 - 12/93	544 403 036	H4	44	1517097	1517038
309 Diesel	10/85 - 12/93	560 408 054	H5	60	1517099	1517039
405 Petrol	01/87 - 10/96	544 403 036	H4	44	1517097	1517038
405 Diesel	01/87 - 10/96	572 410 065	H6	72	1517100	1517041
406 Petrol	10/95 - >>	544 403 036	H4	44	1517097	1517038
406 Diesel	10/95 - >>	560 408 054	H5	60	1517099	1517039
407 1.8 Petrol	05/04 - >>	544 403 036	H4	44	1517097	1517038
407 2.0 - 3.0 Petrol	05/04 - >>	560 408 054	H5	60	1517099	1517039
407 Diesel	05/04 - >>	572 410 065	H6	72	1517100	1517041
505 Petrol	05/79 - 12/93	560 408 054	H5	60	1517099	1517039
505 Diesel	05/79 - 12/93	572 410 065	H6	72	1517100	1517041
604 Petrol	08/77 - 07/87	560 408 054	H5	60	1517099	1517039
604 Diesel	08/77 - 07/87	595 402 080	H8	95	1517101	1517043
605 Petrol	06/89 - 09/99	544 403 036	H4	44	1517097	1517038
605 Diesel	06/89 - 09/99	572 410 065	H6	72	1517100	1517041
607 all	02/00 - >>	572 410 065	H6	72	1517100	1517041
806 Petrol	06/94 - 08/02	560 408 054	H5	60	1517099	1517039
806 Diesel	06/94 - 08/02	572 410 065	H6	72	1517100	1517041
807 all	06/02 - >>	572 410 065	H6	72	1517100	1517041
1007 Petrol	04/05 - >>	544 403 036	H4	44	1517097	1517038
1007 Diesel	04/05 - >>	560 408 054	H5	60	1517099	1517039
Boxer Patrol	03/94 - >>	572 410 065	H6	72	1517100	1517041
Boxer Diesel	03/94 - >>	595 402 080	H8	95	1517101	1517043
Expert Petrol	07/95 - >>	560 408 054	H5	60	1517099	1517039

		ETN	Size 	Ah	Finis 	Finis 
Expert Diesel	07/95 - >>	572 410 065	H6	72	1517100	1517041
J5 Petrol	09/81 - 03/94	544 403 036	H4	44	1517097	1517038
J5 Diesel	09/81 - 03/94	572 410 065	H6	72	1517100	1517041
Partner Petrol	06/96 - >>	544 403 036	H4	44	1517097	1517038
Partner Diesel	06/96 - >>	560 408 054	H5	60	1517099	1517039
PIAGGIO >>>						
Porter Diesel	02/93 - >>	560 408 054	H5	60	1517099	1517039
PORSCHE >>>						
914	01/69 - 02/76	543 402 039	T4	43	1517093	1517031
911	01/63 - >>	572 410 065	H6	72	1517100	1517041
924	11/75 - 07/88	558 401 052	T5	58	1517094	1517032
928	09/77 - 11/95	572 410 065	H6	72	1517100	1517041
944	06/81 - 07/91	571 400 065	T6	71	1517095	1517036
959	01/86 - 04/91	572 410 065	H6	72	1517100	1517041
968	06/91 - 11/95	571 400 065	T6	71	1517095	1517036
RENAULT >>>						
9 Petrol	09/81 - 12/89	544 403 036	H4	44	1517097	1517038
9 Diesel	09/81 - 12/89	572 410 065	H6	72	1517100	1517041
11 Petrol	03/83 - 07/89	544 403 036	H4	44	1517097	1517038
11 Diesel	03/83 - 07/89	572 410 065	H6	72	1517100	1517041
18 Petrol	04/78 - 07/86	544 403 036	H4	44	1517097	1517038
18 Diesel	04/78 - 07/86	572 410 065	H6	72	1517100	1517041
19 Petrol	01/88 - 12/95	544 403 036	H4	44	1517097	1517038
19 Diesel	01/88 - 12/95	572 410 065	H6	72	1517100	1517041
20 Petrol	10/75 - 12/83	544 403 036	H4	44	1517097	1517038
20 Diesel	10/75 - 12/83	572 410 065	H6	72	1517100	1517041
21 Petrol	09/89 - 06/94	544 403 036	H4	44	1517097	1517038
21 Diesel	09/89 - 06/94	572 410 065	H6	72	1517100	1517041
25 Petrol	04/84 - 12/93	560 408 054	H5	60	1517099	1517039
25 Diesel	04/84 - 12/93	572 410 065	H6	72	1517100	1517041
30 Petrol	02/75 - 03/86	560 408 054	H5	60	1517099	1517039
30 Diesel	02/75 - 03/86	572 410 065	H6	72	1517100	1517041
Avantime Petrol	09/01 - 05/03	572 410 065	H6	72	1517100	1517041
Avantime Diesel	09/01 - 05/03	571 400 065	T6	71	1517095	1517036
Clio 1.2 - 2.0 Petrol	05/90 - 05/05	544 403 036	H4	44	1517097	1517038
Clio 1.2 - 2.0 Petrol	06/05 - >>	558 401 052	T5	58	1517094	1517032
Clio 3.0 Petrol	09/98 - >>	571 400 065	T6	71	1517095	1517036
Clio 1.5 Diesel	09/98 - 05/05	558 401 052	T5	58	1517094	1517032
Clio 1.5 Diesel	06/05 - >>	571 400 065	T6	71	1517095	1517036
Clio 1.9 Diesel	05/90 - 08/98	572 410 065	H6	72	1517100	1517041
Clio 1.9 Diesel	09/98 - >>	560 408 054	H5	60	1517099	1517039
Espace Petrol	07/84 - 10/96	544 403 036	H4	44	1517097	1517038
Espace Petrol	11/96 - 10/02	560 408 054	H5	60	1517099	1517039
Espace Petrol	11/02 - >>	571 400 065	T6	71	1517095	1517036
Espace Diesel	07/84 - 10/02	572 410 065	H6	72	1517100	1517041
Fuego Petrol	02/80 - 10/85	544 403 036	H4	44	1517097	1517038
Fuego Diesel	02/80 - 10/85	572 410 065	H6	72	1517100	1517041
Kangoo Petrol	03/98 - >>	544 403 036	H4	44	1517097	1517038
Kangoo Diesel	03/98 - >>	572 410 065	H6	72	1517100	1517041
Laguna 1.6 Petrol	11/93 - 03/01	544 403 036	H4	44	1517097	1517038




Motorcraft		ETN	Size 	Ah	Finis 	Finis 
Laguna 2.0 - 3.0 Petrol	11/93 - 03/01	560 408 054	H5	60	1517099	1517039
Laguna 1.6 - 2.0 Petrol	03/01 - >>	558 401 052	T5	58	1517094	1517032
Laguna 3.0 Petrol	03/01 - >>	571 400 065	T6	71	1517095	1517036
Laguna 1.9 Diesel	11/93 - >>	571 400 065	T6	71	1517095	1517036
Laguna 2.2 Diesel	11/93 - >>	572 410 065	H6	72	1517100	1517041
Master Petrol	08/80 - 07/98	544 403 036	H4	44	1517097	1517038
Master Diesel	08/80 - 07/98	572 410 065	H6	72	1517100	1517041
Master Diesel	07/98 - >>	595 402 080	H8	95	1517101	1517043
Megane Petrol	01/96 - 08/03	560 408 054	H5	60	1517099	1517039
Megane Diesel	01/96 - 08/03	572 410 065	H6	72	1517100	1517041
Modus Petrol	12/04 - >>	558 401 052	T5	58	1517094	1517032
Modus Diesel	12/04 - >>	571 400 065	T6	71	1517095	1517036
Rapid Petrol	07/85 - 03/98	544 403 036	H4	44	1517097	1517038
Rapid Diesel	07/85 - 03/98	572 410 065	H6	72	1517100	1517041
Safrane 2.0 - 2.5 Petrol	04/92 - 12/00	560 408 054	H5	60	1517099	1517039
Safrane 3.0 Petrol	04/92 - 07/96	572 410 065	H6	72	1517100	1517041
Safrane 2.9 - 3.0 Petrol	07/96 - 12/00	571 400 065	T6	71	1517095	1517036
Safrane 2.1 - 2.2 Diesel	04/92 - 12/00	572 410 065	H6	72	1517100	1517041
Safrane 2.5 Diesel	04/92 - 07/96	595 402 080	H8	95	1517101	1517043
Scenic Petrol & Diesel	09/99 - >>	558 401 052	T5	58	1517094	1517032
Sport Spider	03/95 - 10/99	558 401 052	T5	58	1517094	1517032
Super 5 Petrol	10/84 - 12/96	544 403 036	H4	44	1517097	1517038
Super 5 Diesel	10/84 - 12/96	572 410 065	H6	72	1517100	1517041
Thalia Petrol	08/00 - >>	543 402 039	T4	43	1517093	1517031
Thalia Diesel	08/00 - >>	558 401 052	T5	58	1517094	1517032
Trafic Petrol	03/80 - 04/89	544 403 036	H4	44	1517097	1517038
Trafic Petrol	03/89 - 03/01	560 408 054	H5	60	1517099	1517039
Trafic Diesel	03/80 - >>	572 410 065	H6	72	1517100	1517041
Twingo Petrol	03/93 - >>	543 402 039	T4	43	1517093	1517031
Vel Satis Petrol & Diesel	06/02 - >>	571 400 065	T6	71	1517095	1517036
Williams Petrol	01/91 - 09/98	544 403 036	H4	44	1517097	1517038
ROVER >>>						
25 Petrol	10/99 - >>	560 408 054	H5	60	1517099	1517039
25 Diesel	10/99 - >>	572 410 065	H6	72	1517100	1517041
45 Petrol	02/00 - >>	560 408 054	H5	60	1517099	1517039
45 Diesel	02/00 - >>	572 410 065	H6	72	1517100	1517041
75 Petrol	02/99 - >>	560 408 054	H5	60	1517099	1517039
75 Diesel	02/99 - >>	572 410 065	H6	72	1517100	1517041
100 Petrol	11/89 - 12/98	544 403 036	H4	44	1517097	1517038
100 Diesel	11/89 - 12/98	558 401 052	T5	58	1517094	1517032
200 Petrol	03/85 - 03/00	544 403 036	H4	44	1517097	1517038
200 Diesel	10/89 - 03/00	558 401 052	T5	58	1517094	1517032
400 Petrol	04/90 - 03/00	544 403 036	H4	44	1517097	1517038
400 Diesel	04/90 - 03/00	558 401 052	T5	58	1517094	1517032
600 Petrol	08/93 - 02/99	560 408 054	H5	60	1517099	1517039
600 Diesel	08/93 - 02/99	558 401 052	T5	58	1517094	1517032
800 Petrol	10/86 - 02/99	560 408 054	H5	60	1517099	1517039
800 Diesel	10/86 - 02/99	572 410 065	H6	72	1517100	1517041
Cabriolet	04/90 - 11/99	543 402 039	T4	43	1517093	1517031
Coupe	03/96 - 11/99	560 408 054	H5	60	1517099	1517039

Cityrover	01/04 - >>	560 408 054	H5	60	1517099	1517039
Maestro Petrol	09/90 - 01/95	543 402 039	T4	43	1517093	1517031
Maestro Diesel	09/90 - 01/95	543 402 039	T4	43	1517093	1517031
Montego Petrol	10/84 - 10/95	558 401 052	T5	58	1517094	1517032
Montego Diesel	10/84 - 10/95	558 401 052	T5	58	1517094	1517032
Streetwise Petrol	08/03 - >>	560 408 054	H5	60	1517099	1517039
Streetwise Diesel	08/03 - >>	572 410 065	H6	72	1517100	1517041
SAAB >>>						
9-3 Petrol	02/98 - >>	560 408 054	H5	60	1517099	1517039
9-3 Diesel	02/98 - 09/02	595 402 080	H8	95	1517101	1517043
9-3 Diesel	09/02 - >>	572 410 065	H6	72	1517100	1517041
9-5 Petrol	09/97 - >>	572 410 065	H6	72	1517100	1517041
9-5 Diesel	09/97 - >>	572 410 065	H6	72	1517100	1517041
900 Petrol	09/78 - 02/98	560 408 054	H5	60	1517099	1517039
900 Diesel	09/78 - 02/98	572 410 065	H6	72	1517100	1517041
9000 Petrol	04/85 - 12/98	560 408 054	H5	60	1517099	1517039
9000 Diesel	04/85 - 12/98	572 410 065	H6	72	1517100	1517041
SEAT >>>						
Alhambra 1.8 - 2.0 Petrol	04/96 - >>	560 408 054	H5	60	1517099	1517039
Alhambra 2.8 Petrol	04/96 - >>	572 410 065	H6	72	1517100	1517041
Alhambra Diesel	04/96 - >>	595 402 080	H8	95	1517101	1517043
Altea 1.6 Petrol	03/04 - >>	544 403 036	H4	44	1517097	1517038
Altea 2.0 Petrol	03/04 - >>	572 410 065	H6	72	1517100	1517041
Altea Diesel	03/04 - >>	572 410 065	H6	72	1517100	1517041
Arosa Petrol	05/97 - >>	544 403 036	H4	44	1517097	1517038
Arosa Diesel	05/97 - >>	560 408 054	H5	60	1517099	1517039
Cordoba 1.0 - 1.6 Petrol	02/93 - 06/99	543 402 039	T4	43	1517093	1517031
Cordoba 1.8 - 2.0 Petrol	02/93 - 06/99	558 401 052	T5	58	1517094	1517032
Cordoba 1.0 - 1.6 Petrol	06/99 - >>	544 403 036	H4	44	1517097	1517038
Cordoba 1.8 - 2.0 Petrol	06/99 - >>	560 408 054	H5	60	1517099	1517039
Cordoba Diesel	02/93 - 06/99	571 400 065	T6	71	1517095	1517036
Cordoba Diesel	06/99 - >>	572 410 065	H6	72	1517100	1517041
Ibiza Petrol	06/84 - 12/93	543 402 039	T4	43	1517093	1517031
Ibiza Petrol	03/93 - 08/99	544 403 036	H4	44	1517097	1517038
Ibiza Petrol	08/99 - >>	560 408 054	H5	60	1517099	1517039
Ibiza Diesel	08/99 - >>	572 410 065	H6	72	1517100	1517041
Inca Diesel	11/95 - 07/99	558 401 052	T5	58	1517094	1517032
Inca Diesel	08/99 - >>	571 400 065	T6	71	1517095	1517036
Leon Petrol	11/99 - >>	560 408 054	H5	60	1517099	1517039
Leon Diesel	11/99 - >>	572 410 065	H6	72	1517100	1517041
Toledo Petrol	01/91 - 03/99	543 402 039	T4	43	1517093	1517031
Toledo Petrol	04/99 - >>	560 408 054	H5	60	1517099	1517039
Toledo Diesel	01/91 - 03/99	558 401 052	T5	58	1517094	1517032
Toledo Diesel	04/99 - >>	572 410 065	H6	72	1517100	1517041
SKODA >>>						
100 Petrol	01/70 - 12/77	543 402 039	T4	43	1517093	1517031
105 Petrol	08/76 - 12/90	543 402 039	T4	43	1517093	1517031
110 Petrol	12/69 - 03/82	543 402 039	T4	43	1517093	1517031
120 Petrol	08/76 - 12/90	543 402 039	T4	43	1517093	1517031
130 Petrol	02/85 - 10/91	543 402 039	T4	43	1517093	1517031




Motorcraft		ETN	Size 	Ah	Finis 	Finis 
Fabia Petrol	08/99 - >>	544 403 036	H4	44	1517097	1517038
Fabia Diesel	08/99 - >>	572 410 065	H6	72	1517100	1517041
Favorit Petrol	05/89 - 09/94	560 408 054	H5	60	1517099	1517039
Felicia Petrol	10/94 - >>	544 403 036	H4	44	1517097	1517038
Felicia Diesel	07/95 - >>	560 408 054	H5	60	1517099	1517039
Octavia 1.4 - 1.8 Petrol	09/96 - >>	544 403 036	H4	44	1517097	1517038
Octavia 2.0 Petrol	09/96 - >>	560 408 054	H5	60	1517099	1517039
Octavia Diesel	09/96 - >>	572 410 065	H6	72	1517100	1517041
Rapid Petrol	02/83 - 10/91	543 402 039	T4	43	1517093	1517031
Roomster Petrol	09/06 - >>	544 403 036	H4	44	1517097	1517038
Roomster Diesel	01/04 - >>	560 408 054	H5	60	1517099	1517039
Superb Petrol	02/02 - >>	572 410 065	H6	72	1517100	1517041
Superb Diesel	02/02 - >>	572 410 065	H6	72	1517100	1517041
SMART >>>						
All Petrol	07/98 - >>	544 403 036	H4	44	1517097	1517038
All 0.8 Diesel	01/04 - >>	560 408 054	H5	60	1517099	1517039
All 1.5 Diesel	04/04 - >>	572 410 065	H6	72	1517100	1517041
SSANGYONG >>>						
Actyon all	10/06 - >>	591 401 074	D31	91	1517096	1517037
Korando all	12/88 - >>	591 401 074	D31	91	1517096	1517037
Kyron Diesel	05/05 - >>	591 401 074	D31	91	1517096	1517037
Musso Diesel	10/95 - >>	591 401 074	D31	91	1517096	1517037
Rexton all	04/02 - >>	591 401 074	D31	91	1517096	1517037
Rodius Diesel	05/05 - >>	591 401 074	D31	91	1517096	1517037
SUZUKI >>>						
Ignis Petrol	10/00 - >>	543 402 039	T4	43	1517093	1517031
Ignis Diesel	10/00 - >>	543 402 039	T4	43	1517093	1517031
Swift Petrol	02/05 - >>	543 402 039	T4	43	1517093	1517031
Swift Diesel	02/05 - >>	543 402 039	T4	43	1517093	1517031
SX4 Petrol	06/06 - >>	558 401 052	T5	58	1517094	1517032
SX4 Diesel	06/06 - >>	572 410 065	H6	72	1517100	1517041
SUBARU >>>						
Forester 2.0 Petrol	01/02 - >>	560 408 054	H5	60	1517099	1517039
TOYOTA >>>						
Avensis Petrol	09/97 - >>	544 403 036	H4	44	1517097	1517038
Avensis Petrol	04/03 - >>	560 408 054	H5	60	1517099	1517039
Avensis Diesel	09/97 - >>	572 410 065	H6	72	1517100	1517041
Aygo Diesel	07/05 - >>	544 403 036	H4	44	1517097	1517038
Corolla Petrol	01/02 - >>	560 408 054	H5	60	1517099	1517039
Corolla Diesel	01/02 - >>	572 410 065	H6	72	1517100	1517041
Corolla Verso Petrol	04/04 - >>	560 408 054	H5	60	1517099	1517039
Corolla Verso Diesel	01/02 - >>	572 410 065	H6	72	1517100	1517041
Dyna Diesel	08/77 - 08/87	591 401 074	D31	91	1517096	1517037
Land Cruiser all	11/84 - >>	591 401 074	D31	91	1517096	1517037
Hiace Diesel	08/89 - 08/95	591 401 074	D31	91	1517096	1517037
Liteace Diesel	10/85 - 01/95	591 401 074	D31	91	1517096	1517037
Yaris Petrol	04/99 - 01/06	543 402 039	T4	43	1517093	1517031
Yaris Petrol	01/06 - >>	544 403 036	H4	44	1517097	1517038
Yaris Diesel	04/99 - >>	560 408 054	H5	60	1517099	1517039



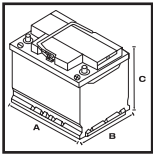
Motorcraft		ETN	Size	Ah	Finis	Finis
TRABANT >>>						
All Petrol	01/66 - 12/91	560 408 054	H5	60	1517099	1517039
VAUXHALL >>>						
Agila Petrol	09/00 - >>	543 402 039	T4	43	1517093	1517031
Antara Diesel	11/06 - >>	591 401 074	D31	91	1517096	1517037
Arena Diesel	01/97 - 08/01	572 410 065	H6	72	1517100	1517041
Astra 1.2 - 1.6 Petrol	09/79 - >>	543 402 039	T4	43	1517093	1517031
Astra 1.8 - 2.0 Petrol	09/79 - >>	558 401 052	T5	58	1517094	1517032
Astra 2.2 Petrol	02/98 - >>	571 400 065	T6	71	1517095	1517036
Astra 1.5 - 1.7 Diesel	09/79 - 02/98	558 401 052	T5	58	1517094	1517032
Astra 1.7 - 2.0 Diesel	02/98 - 02/05	571 400 065	T6	71	1517095	1517036
Astra 1.3 - 1.9 Diesel	03/04 - >>	558 401 052	T5	58	1517094	1517032
Astra Twintop	01/06 - >>	543 402 039	T4	43	1517093	1517031
Astravan Petrol	01/91 - >>	543 402 039	T4	43	1517093	1517031
Astravan Diesel	01/91 - 08/98	558 401 052	T5	58	1517094	1517032
Astravan Diesel	08/98 - >>	571 400 065	T6	71	1517095	1517036
Brava Pick-Up Petrol	06/90 - >>	543 402 039	T4	43	1517093	1517031
Brava Pick-Up Diesel	06/90 - >>	595 402 080	H8	95	1517101	1517043
Calibra	06/90 - 07/97	558 401 052	T5	58	1517094	1517032
Carlton 1.8 Petrol	10/78 - 03/94	543 402 039	T4	43	1517093	1517031
Carlton 2.0 - 3.6 Petrol	10/78 - 03/94	558 401 052	T5	58	1517094	1517032
Carlton Diesel	10/78 - 03/94	571 400 065	T6	71	1517095	1517036
Cavalier Petrol	03/75 - 11/95	543 402 039	T4	43	1517093	1517031
Cavalier Diesel	09/88 - 11/95	558 401 052	T5	58	1517094	1517032
Chevette Petrol	03/75 - 12/85	543 402 039	T4	43	1517093	1517031
Combo Petrol	07/94 - >>	543 402 039	T4	43	1517093	1517031
Combo Diesel	07/94 - >>	558 401 052	T5	58	1517094	1517032
Corsa Petrol	03/93 - >>	543 402 039	T4	43	1517093	1517031
Corsa Diesel	03/93 - >>	558 401 052	T5	58	1517094	1517032
Corsavan Petrol	01/94 - >>	543 402 039	T4	43	1517093	1517031
Corsavan Diesel	01/94 - >>	558 401 052	T5	58	1517094	1517032
Frontera Diesel	03/92 - 10/98	572 410 065	H6	72	1517100	1517041
Meriva Petrol	05/03 - >>	558 401 052	T5	58	1517094	1517032
Meriva Diesel	05/03 - >>	571 400 065	T6	71	1517095	1517036
Movano Diesel	10/98 - >>	595 402 080	H8	95	1517101	1517043
Nova Petrol	09/82 - 10/94	543 402 039	T4	43	1517093	1517031
Nova Diesel	09/82 - 10/94	558 401 052	T5	58	1517094	1517032
Novavan Petrol	01/90 - 10/94	543 402 039	T4	43	1517093	1517031
Novavan Diesel	01/90 - 10/94	558 401 052	T5	58	1517094	1517032
Omega 2.0 Petrol	12/93 - >>	558 401 052	T5	58	1517094	1517032
Omega 2.2 - 3.2 Petrol	12/93 - >>	571 400 065	T6	71	1517095	1517036
Omega Diesel	12/93 - >>	571 400 065	T6	71	1517095	1517036
Royale Petrol	02/78 - 08/87	558 401 052	T5	58	1517094	1517032
Royale Diesel	02/78 - 08/87	571 400 065	T6	71	1517095	1517036
Senator	02/78 - 09/93	558 401 052	T5	58	1517094	1517032
Sintra Petrol	09/96 - 04/99	558 401 052	T5	58	1517094	1517032
Sintra Diesel	09/96 - 04/99	558 401 052	T5	58	1517094	1517032
Signum Petrol	05/03 - >>	571 400 065	T6	71	1517095	1517036
Signum Diesel	05/03 - >>	571 400 065	T6	71	1517095	1517036
Tigra	07/94 - >>	543 402 039	T4	43	1517093	1517031

Motorcraft		ETN	Size 	Ah	Finis 	Finis 
Tigra Twintop Petrol	06/04 - >>	558 401 052	T5	58	1517094	1517032
Tigra Twintop Diesel	06/04 - >>	558 401 052	T5	58	1517094	1517032
Vectra 1.6 Petrol	10/95 - >>	543 402 039	T4	43	1517093	1517031
Vectra 1.8 Petrol	10/95 -07/02	543 402 039	T4	43	1517093	1517031
Vectra 1.8 Petrol	08/02 - >>	560 408 054	H5	60	1517099	1517039
Vectra 2.0 - 2.6 Petrol	10/95 -07/02	558 401 052	T5	58	1517094	1517032
Vectra 2.0 - 2.6 Petrol	08/02 - >>	572 410 065	H6	72	1517100	1517041
Vectra Diesel	10/95 - >>	571 400 065	T6	71	1517095	1517036
Viceroy Petrol	01/80 - 10/82	571 400 065	T6	71	1517095	1517036
Vivaro Petrol	08/01 - >>	572 410 065	H6	72	1517100	1517041
VX220	09/00 - >>	543 402 039	T4	43	1517093	1517031
Zafira 1.6 Petrol	04/99 - >>	543 402 039	T4	43	1517093	1517031
Zafira 1.8 Petrol	04/99 - 06/05	558 401 052	T5	58	1517094	1517032
Zafira 1.8 Petrol	07/05 - >>	543 402 039	T4	43	1517093	1517031
Zafira 2.0 - 2.2 Petrol	04/99 - >>	558 401 052	T5	58	1517094	1517032
Zafira Diesel	04/99 - >>	558 401 052	T5	58	1517094	1517032
VOLVO >>>						
66 Petrol	08/75 - 08/78	543 402 039	T4	43	1517093	1517031
66 Diesel	08/75 - 08/78	543 402 039	T4	43	1517093	1517031
240 Petrol	08/74 - 08/93	560 408 054	H5	60	1517099	1517039
240 Diesel	08/74 - 08/93	572 410 065	H6	72	1517100	1517041
260 Petrol	08/74 - 07/82	560 408 054	H5	60	1517099	1517039
340 Petrol	08/75 - 07/91	572 410 065	H6	72	1517100	1517041
340 Diesel	08/75 - 07/91	572 410 065	H6	72	1517100	1517041
360 Petrol	08/75 - 07/91	572 410 065	H6	72	1517100	1517041
360 Diesel	08/75 - 07/91	572 410 065	H6	72	1517100	1517041
440 K Petrol	08/88 - 12/96	560 408 054	H5	60	1517099	1517039
440 K Diesel	08/88 - 12/96	572 410 065	H6	72	1517100	1517041
460 L Petrol	09/88 - 07/96	560 408 054	H5	60	1517099	1517039
460 L Diesel	09/88 - 07/96	572 410 065	H6	72	1517100	1517041
480 E Petrol	04/86 - 07/96	560 408 054	H5	60	1517099	1517039
740 Petrol	08/83 - 08/92	560 408 054	H5	60	1517099	1517039
740 Diesel	08/83 - 08/92	595 402 080	H8	95	1517101	1517043
760 Petrol	08/81 - 07/92	572 410 065	H6	72	1517100	1517041
760 Diesel	08/81 - 07/92	572 410 065	H6	72	1517100	1517041
780 Petrol	08/86 - 07/90	572 410 065	H6	72	1517100	1517041
850 Petrol	06/91 - 12/96	560 408 054	H5	60	1517099	1517039
850 Diesel	06/91 - 12/96	572 410 065	H6	72	1517100	1517041
940 Petrol	08/90 - 12/94	560 408 054	H5	60	1517099	1517039
940 Petrol	08/94 - 10/98	572 410 065	H6	72	1517100	1517041
940 Diesel	08/90 - 10/98	572 410 065	H6	72	1517100	1517041
960 Petrol	08/90 - 12/96	572 410 065	H6	72	1517100	1517041
960 Diesel	08/90 - 07/94	572 410 065	H6	72	1517100	1517041
C30 1.6 - 1.8 Petrol	10/06 - >>	558 401 052	T5	58	1517094	1517032
C30 2.0 - 2.4 Petrol	10/06 - >>	572 410 065	H6	72	1517100	1517041
C70 Petrol	03/98 - >>	560 408 054	H5	60	1517099	1517039
C70 Diesel	03/06 - >>	595 402 080	H8	95	1517101	1517043
S40 Petrol	07/95 - 12/03	560 408 054	H5	60	1517099	1517039
S40 1.6 - 1.8 Petrol	01/04 - >>	558 401 052	T5	58	1517094	1517032
S40 2.0 - 2.4 Petrol	01/04 - >>	571 400 065	T6	71	1517095	1517036

S40 Diesel	07/95 - 12/03	572 410 065	H6	72	1517100	1517041
S60 Petrol	11/00 - >>	560 408 054	H5	60	1517099	1517039
S60 Diesel	11/00 - >>	595 402 080	H8	95	1517101	1517043
S70 Petrol	01/97 - 11/00	560 408 054	H5	60	1517099	1517039
S70 Diesel	01/97 - 11/00	572 410 065	H6	72	1517100	1517041
S80 Petrol	05/98 - 02/06	560 408 054	H5	60	1517099	1517039
S80 Petrol	03/06 - >>	572 410 065	H6	72	1517100	1517041
S80 Diesel	05/98 - >>	595 402 080	H8	95	1517101	1517043
S90 Petrol	01/97 - 05/98	560 408 054	H5	60	1517099	1517039
V40 Petrol	07/95 - >>	560 408 054	H5	60	1517099	1517039
V40 Diesel	07/95 - >>	572 410 065	H6	72	1517100	1517041
V50 1.6 - 1.8 Petrol	04/04 - >>	558 401 052	T5	58	1517094	1517032
V50 2.0 - 2.4 Petrol	04/04 - >>	571 400 065	T6	71	1517095	1517036
V50 Diesel	04/04 - >>	571 400 065	T6	71	1517095	1517036
V70 Petrol	01/97 - 05/00	560 408 054	H5	60	1517099	1517039
V70 Petrol	03/00 - >>	572 410 065	H6	72	1517100	1517041
V70 Diesel	01/97 - 05/00	572 410 065	H6	72	1517100	1517041
V70 Diesel	03/00 - >>	595 402 080	H8	95	1517101	1517043
V90 Petrol	01/97 - 12/98	560 408 054	H5	60	1517099	1517039
XC70 Petrol	03/00 - >>	572 410 065	H6	72	1517100	1517041
XC70 Diesel	03/00 - >>	595 402 080	H8	95	1517101	1517043
XC90 Petrol	10/02 - >>	572 410 065	H6	72	1517100	1517041
XC90 Diesel	10/02 - >>	595 402 080	H8	95	1517101	1517043
VW >>>						
411, 412 Petrol	07/68 - 03/75	543 402 039	T4	43	1517093	1517031
1500, 1600 Petrol	08/65 - 03/75	543 402 039	T4	43	1517093	1517031
Beetle Petrol	04/49 - 07/03	543 402 039	T4	43	1517093	1517031
Bora 1.4 - 1.6 Petrol	10/98 - 05/05	544 403 036	H4	44	1517097	1517038
Bora 1.8 - 2.8 Petrol	10/98 - 05/05	560 408 054	H5	60	1517099	1517039
Bora Diesel	10/98 - 05/05	572 410 065	H6	72	1517100	1517041
Caddy Petrol	08/82 - >>	544 403 036	H4	44	1517097	1517038
Caddy Diesel	08/82 - >>	560 408 054	H5	60	1517099	1517039
Corrado Petrol	08/87 - 12/95	543 402 039	T4	43	1517093	1517031
Derby Petrol	02/77 - 09/81	543 402 039	T4	43	1517093	1517031
Eos 1.6 Petrol	03/06 - >>	544 403 036	H4	44	1517097	1517038
Eos 2.0 Petrol	03/06 - >>	560 408 054	H5	60	1517099	1517039
Eos Diesel	03/06 - >>	572 410 065	H6	72	1517100	1517041
Fox Petrol	04/05 - >>	544 403 036	H4	44	1517097	1517038
Fox Petrol	04/05 - >>	544 403 036	H4	44	1517097	1517038
Golf Petrol	04/74 - 12/92	543 402 039	T4	43	1517093	1517031
Golf 1.3 - 1.6 Petrol	01/93 - >>	544 403 036	H4	44	1517097	1517038
Golf 1.6 - 3.2 Petrol	01/93 - >>	560 408 054	H5	60	1517099	1517039
Golf Diesel	04/74 - 12/92	558 401 052	T5	58	1517094	1517032
Golf Diesel	01/93 - >>	572 410 065	H6	72	1517100	1517041
Jetta Petrol	08/78 - 12/92	543 402 039	T4	43	1517093	1517031
Jetta Petrol	08/05 - >>	560 408 054	H5	60	1517099	1517039
Jetta Diesel	08/78 - 12/92	558 401 052	T5	58	1517094	1517032
Jetta Diesel	08/05 - >>	572 410 065	H6	72	1517100	1517041
Karmann Ghia	08/55 - 07/74	543 402 039	T4	43	1517093	1517031
K70 Petrol	08/70 - 10/74	543 402 039	T4	43	1517093	1517031

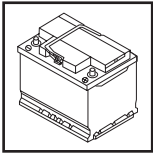
Motorcraft			Size	Finis	Finis	
		ETN		Ah		
Lupo Petrol	09/98 - 07/05	544 403 036	H4	44	1517097	1517038
Lupo Diesel	09/98 - 07/05	560 408 054	H5	60	1517099	1517039
New Beetle Petrol	01/98 - >>	560 408 054	H5	60	1517099	1517039
New Beetle Diesel	01/98 - >>	560 408 054	H5	60	1517099	1517039
Passat Petrol	05/73 - 07/80	543 402 039	T4	43	1517093	1517031
Passat Petrol	08/80 - 08/96	571 400 065	T6	71	1517095	1517036
Passat 1.6 Petrol	08/96 - >>	544 403 036	H4	44	1517097	1517038
Passat 1.8 Petrol	08/96 - >>	560 408 054	H5	60	1517099	1517039
Passat 2.0 - 4.0 Petrol	08/96 - >>	572 410 065	H6	72	1517100	1517041
Passat Diesel	05/73 - 08/96	558 401 052	T5	58	1517094	1517032
Passat Diesel	08/96 - >>	572 410 065	H6	72	1517100	1517041
Phaeton Petrol	04/02 - >>	572 410 065	H6	72	1517100	1517041
Phaeton Diesel	04/02 - >>	572 410 065	H6	72	1517100	1517041
Polo Petrol	03/75 - 09/94	543 402 039	T4	43	1517093	1517031
Polo Petrol	10/94 - 09/01	544 403 036	H4	44	1517097	1517038
Polo Petrol	10/01 - >>	572 410 065	H6	72	1517100	1517041
Polo Diesel	03/75 - 09/81	543 402 039	T4	43	1517093	1517031
Polo Diesel	10/81 - 09/94	558 401 052	T5	58	1517094	1517032
Polo Diesel	10/94 - 09/01	560 408 054	H5	60	1517099	1517039
Polo Diesel	10/01 - >>	572 410 065	H6	72	1517100	1517041
Santana Petrol	08/81 - 12/84	543 402 039	T4	43	1517093	1517031
Santana Petrol	01/95 - >>	571 400 065	T6	71	1517095	1517036
Santana Diesel	08/81 - 12/84	558 401 052	T5	58	1517094	1517032
Scirocco Petrol	02/74 - 07/92	543 402 039	T4	43	1517093	1517031
Sharan 1.8 - 2.0 Petrol	05/95 - >>	560 408 054	H5	60	1517099	1517039
Sharan 2.8 Petrol	05/95 - >>	572 410 065	H6	72	1517100	1517041
Sharan Diesel	05/95 - >>	572 410 065	H6	72	1517100	1517041
Touareg 3.2 - 3.6 Petrol	10/02 - >>	572 410 065	H6	72	1517100	1517041
Touareg 4.2 - 6.0 Petrol	10/02 - >>	595 402 080	H8	95	1517101	1517043
Touareg 2.5 - 3.0 Diesel	10/02 - >>	572 410 065	H6	72	1517100	1517041
Touareg 5.0 Diesel	10/02 - >>	595 402 080	H8	95	1517101	1517043
Touran 1.4 - 1.6 Petrol	02/03 - >>	544 403 036	H4	44	1517097	1517038
Touran 2.0 Petrol	02/03 - >>	560 408 054	H5	60	1517099	1517039
Touran Diesel	02/03 - >>	572 410 065	H6	72	1517100	1517041
Vento Petrol	11/91 - 09/98	560 408 054	H5	60	1517099	1517039
Vento Diesel	11/91 - 09/98	572 410 065	H6	72	1517100	1517041
Crafter Diesel	04/06 - >>	595 402 080	H8	95	1517101	1517043
LT Petrol	04/75 - 06/96	560 408 054	H5	60	1517099	1517039
LT Petrol	04/96 - >>	572 410 065	H6	72	1517100	1517041
LT 2.4 Diesel	04/75 - 06/96	572 410 065	H6	72	1517100	1517041
LT 2.7 Diesel	04/75 - 06/96	595 402 080	H8	95	1517101	1517043
LT 2.5 - 2.8 Diesel	04/96 - >>	572 410 065	H6	72	1517100	1517041
Multivan Petrol	04/03 - >>	572 410 065	H6	72	1517100	1517041
Multivan Diesel	04/03 - >>	572 410 065	H6	72	1517100	1517041
Transporter Petrol	01/50 - 07/92	543 402 039	T4	43	1517093	1517031
Transporter Petrol	09/90 - 03/03	544 403 036	H4	44	1517097	1517038
Transporter Petrol	04/03 - >>	560 408 054	H5	60	1517099	1517039
Transporter Petrol Syncro	05/79 - >>	572 410 065	H6	72	1517100	1517041
Transporter Diesel	05/79 - 07/92	558 401 052	T5	58	1517094	1517032
Transporter Diesel	09/90 - >>	572 410 065	H6	72	1517100	1517041

ETN European Type Number

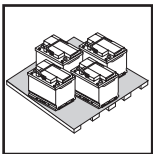


Size Casing design.

Ah Nominal capacity in ampere hours.



Single Finis Ford order number for a single battery.



Pallet Finis Ford order number for a battery (ordered in pallet quantity). Order quantity see below.

ETN / BBMS cross reference table

Finis	ETN	BBMS	Pallet Quantity	Pallet Finis
Ford Silver-Calcium Batteries				
1672940	543 025 039	063	72	1684304
1672941	550 075 051	075	63	1684305
1672942	560 030 060	080	48	1684306
1682038	580 120 072	110	42	1684307
1581448	540 406 034	202	-	-
1581453	555 400 047	012	-	-
Motorcraft Calcium-Plus-Batteries				
1517092*	535 400 033	007	72	1517044
1517093	543 402 039	063	72	1517031
1517094	558 401 052	065	63	1517032
1517095	571 400 065	100	48	1517036
1517097	544 403 036	079	72	1517038
1517099	560 408 054	027	63	1517039
1517100	572 410 065	096	48	1517041
1517101	595 402 080	019	36	1517043
1517096	591 400 074	335	39	1517037

* Alternative to Finis 1517093 for vehicles with a low level of equipment.

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