



Universal

Specialist in Rotating Electrics



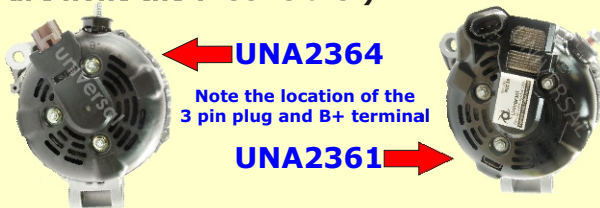
TECHNICAL BULLETIN 004

This issue we look at unit identification

Landrover 2.7TD

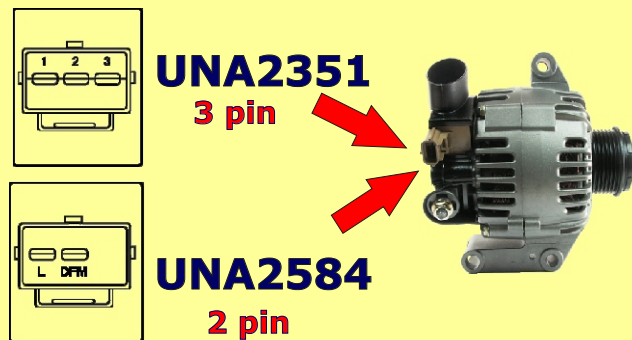
This one is nice and straight forward. There are two types of alternator fitted to these vehicles (despite certain suppliers listing only one....). The difference being, those vehicles fitted with ACE are fitted with our part number UNA2364 whilst those vehicles without ACE are fitted with a UNA2361.

Now for your "starter" for 10, what does ACE stand for? Well it's "Active Cornering Enhancement" (no, we are none the wiser either).



Mondeo ST220

This vehicle is fitted with two different options of alternator. These look identical except for the fact that one has a two pin plug and one has three. If the incorrect unit is fitted the warning light will stay on, however because the unit looks identical the fitter may start to look for all other possible problems (wiring etc). These units **MUST** be applied by O.E. numbers to guarantee the correct part is supplied. Below are the part numbers concerned.



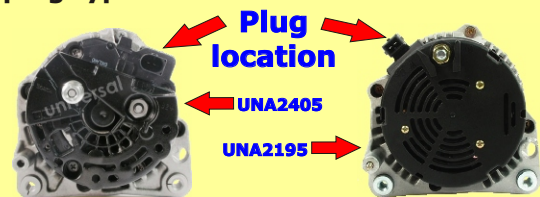
Mazda RX8

The Mazda RX8 can prove troublesome. Firstly we are aware that many of the old units come back completely burnt out. This should obviously raise alarm bells. We are now aware that this engine often loses compression over time, so when starting the starter motor sounds "lazy". It is also prone to

LDV Maxus

Again there are two different types of alternator fitted to this vehicle. However this one doesn't seem to have any vehicle differences associated with it. The LDV Maxus can be fitted with either a Bosch or an Iskra alternator. The easiest way to distinguish between the two is the plug. The Bosch unit (UNA2405) has an oval plug as part of the plastic backing, however the Iskra unit (UNA2195) has a rectangular plug sitting proud of the back.

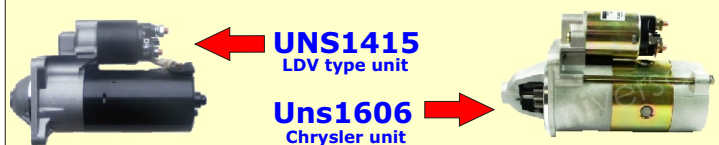
They are not interchangeable and the only way to tell which one is fitted is either O.E. numbers or the plug type and location.



TX4 Taxi

We have found that TX4's have two different engines, the LDV Maxus unit and a Chrysler unit. This has in the past caused issues with wrongly appicated starters as some suppliers only list one unit and as we all know taxi drivers are some of the most reasonable of customers when they receive incorrect parts..... 😊

It is very important to get the O.E. numbers to guarantee the correct unit is supplied and your customer keeps his happy smiling face.



flooding, causing excessive cranking upon start up, particularly on short journeys. The Dealers in their wisdom have tried to overcome this with a higher KW version, however this is only a temporary solution and in many cases the engine requires further attention.

