

*Did you know...?*

You can cross reference OE part numbers on our new and improved website: [www.autoelectro.co.uk](http://www.autoelectro.co.uk)



*Did you know...?*

We are continually adding to our range, so if you need a part number that is not listed, give us a call!

# AUTOELECTRO

Starter Motors & Alternators  
Since 1986

## Technical Bulletin 11

### WARRANTY NOTICE! - MAKE YOUR CUSTOMER AWARE

On part numbers where there is a common vehicle fault that causes failure of a Starter Motor or Alternator, we place a Warranty Notice in the box of the part numbers affected, and also there is a note next to the part number in our catalogue. The main Warranty Notices that we enclose are listed below:

1. Ignition Switch Fault – Blue burned starter pinion/shaft indicates a bad key contact or ignition switch fault
2. Oil Ingress/Diesel Ingress - Excessive oil indicates an oil/diesel leaks on the vehicle
3. Slipping Belt – Belt dust on the front of the alternator indicates alternator belt wear
4. DFM Failure – Excessive dust on the drive/shaft indicates Clutch/DFM failure, see below for further information about this

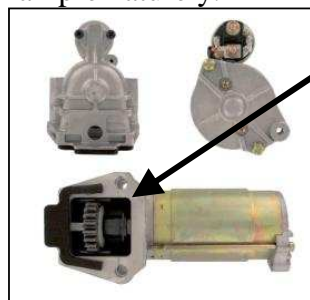
### VAUXHALL 1.7 DTI 16V AND 2.0 DTI DIESEL STARTER MOTORS

There is common complaint of burnt out starter motors on the above applications and part numbers **AES2224** and **AES1239** are mainly affected.

In the past a starter motor would be able to cope better with a fault on the vehicle resulting in excessive cranking, but due to the reduced size of newer starter motors and gear reduction, the units cannot cope with being cranked for long periods. Therefore your customer must not use the starter motor to ventilate/bleed/build up compression after repairs on the diesel system on these part numbers as it will result in a burnt out unit, especially as these part numbers are gear reduction starter motors and turn very quickly and do overheat very quickly. Replacing the starter motor is not a long term solution, and is not in your interest to do so. You should be explaining to your customer why you are charging for another unit!

### FORD TRANSIT DUAL MASS FLYWHEEL (AGAIN!)

As you are already aware there is a big problem with the vehicles that part number AES2202 Starter Motor is fitted. There is a common problem on this application of the Dual Mass Flywheel (DMF) breaking up causing failure of the starter motor. Another starter will not cure the problem, as parts of the damaged DMF will cause the replacement starter motor to stick and fail prematurely.



The DMF dust gathers due to starter having permanent magnets and the build up of dust causes the starter to stick and jam.

Many of our competitors will no longer honour the warranty on this part number, so help us to help you by keeping your customers aware of this vehicle problem. The only way to solve this problem is to replace the DMF and clean out the housing properly when replacing the starter.

**RING TECHNICAL FOR FURTHER HELP**

**Tel: (01274) 656101**

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