



# AUTOELECTRO

Since 1986

## STARTER MOTORS & ALTERNATORS

**IMPORTANT PLEASE READ THE INFORMATION BELOW BEFORE FITTING THIS PART AS THERE ARE KNOWN ISSUES WHICH WILL RESULT IN THE PREMATURE FAILURE OF THE UNIT AND MAY INVALIDATE YOUR WARRANTY**

The vehicle this starter motor is fitted to has known faults which can cause the starter motor to fail prematurely. The fault is often misdiagnosed as a faulty starter motor or solenoid. The following defects on the starter motor you are replacing will indicate that a vehicle fault has caused the failure of the part:

- Blue colour on the gear shaft and pinion area
- Rattling inside the starter motor when shaken indicating components have exploded
- Burnt smell from starter motor/Varnish leak
- Damaged pinion teeth/Broken nose cone
- Burnt/discoloured/melted broken wire from solenoid to starter body
- Shrivelled/burnt label
- Grey or metal like substance in nose cone area or on gear shaft

If the starter motor you are replacing shows any of the above defects then a vehicle fault needs investigating and rectifying before fitting the replacement part, failure to do so will result in the premature failure of the replacement starter motor and may invalidate your warranty.



If your starter motor shows any signs of grey/metal dust this would indicate that failure of the starter motor has been caused due to a failing Dual Mass Flywheel. This dust can cause the bearing and gear shaft to become dry. This results in either the starter motor being noisy during operation or the pinion to stick on the gear shaft. In extreme circumstances the dust can stick to the magnets inside the starter motor and result in the starter motor exploding. Failure caused by dual mass flywheel is not a manufacturing defect and will **not** be covered under warranty.

This starter motor is also commonly returned for failure due to fluid contamination. Depending on the vehicle there are numerous sources of the fluid leak (most commonly diesel/water) which can contaminate the starter motor and cause premature failure.

Look out for fluid residue, rust build up, distinctive smell and possible burning smell. Failure to do so will cause the replacement unit to fail prematurely and will invalidate your warranty.

**FREE** vehicle specific technical information is available by visiting [autoelectro.co.uk](http://autoelectro.co.uk) OR scan this QR code



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