

Previous Technical Bulletins

CL 032 FORD TRANSIT 2.4D NON START

Vehicles: 2.4d 2006>2006 models

Valeo technical have received a number of calls regarding an issue with Ford Transit 2.4 diesels not starting once a Valeo conversion kit has been fitted. After further investigation of these calls, all issues were resolved and some common factors were found. This bulletin has been produced to offer a trouble shooting guide:

- Check the conversion kit has been supplied for the correct application. Ensure the conversion kit is designed for the correct model; Valeo produce different conversion kits for 2000 > 2006 and 2006 > Ford Transits. Also, the Solid flywheel conversion Valeo produce for the Ford Transit is not suitable for 6 speed (MT82) gearboxes.
- On the Ford Transit there are two electrical plugs on the gearbox, one for the road speed sensor and one for the timing sensor. The two wiring plugs visually look different but can fit either way round. This will need to be checked to ensure the wiring is connected correctly.
- If the issue is still occurring after confirming the wiring is correct, check there is no damage or

contamination on the timing sensor. As the original dual mass flywheel wears, metal dust is produced and will become attracted to the magnet on the sensor. If there is a high accumulation of flywheel metal particles, the sensor will not register the flywheel timing marks and cause a non-start issue.

- If the sensor is working correctly or a new sensor has been fitted and the wiring plugs are connected correctly and the Ford Transit is not starting, check the continuation of the wiring from the sensor to the engine control unit (ECU). If the wiring has broken or earthed, the ECU will not be receiving the signal from the sensor.