

Injectronics

Remanufactured Automotive Electronics Components

TECHNICAL BULLETIN

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Make: Volkswagen

Model: Transporter

Subject: Rough running and cutting out

Another problem Injectronics has recently seen is ECM's, which have damaged sensor earth tracks and blown IC's. It has been discovered that this fault is being caused by a short circuit in the engine harness. The engine harness is rubbing on the engine block where it runs under the air intake pipe, the 12v injector supply can short onto the earth for the air temp sensor. This damages the ECU and causes the vehicle to run very rough and cut out.

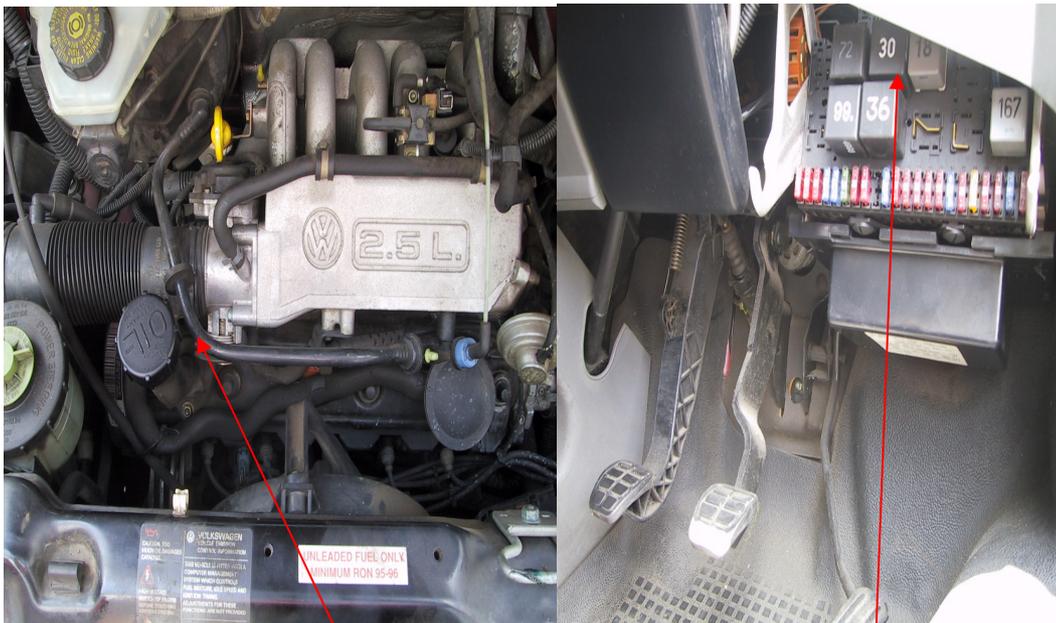
Removing the harness and repairing it solves the problem. Injectronics can supply full changeover units for these vehicles or carry out required repairs on the ECU.

The engine ECM in some Transporters has an internal Map sensor, which can fail. This can cause permanent rich or lean situation, intermittent rough running or stalling. It is imperative that the vacuum line is clear of oil and we suggest hanging it higher than the inlet manifold, so any oil will drain back to the manifold rather than to the ECM.

All Injectronics exchange units have new internal Map sensors fitted.

Injectronics also receives many calls in relation to Volkswagen transporters intermittently not starting or cutting out while driving. The problem has been traced back to a faulty EFI relay in a number of cases. The problem can often be recreated by tapping on the relay, which located under the steering wheel and labelled with the number 30

Volkswagen Engine:



Harness Short Generally occurs here

EFI Relay numbered with a 30

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