

1.4TSI - Twincharger Known Engine Issues

Vehicles: Audi A1
SEAT Ibiza FR, Cupra, Boconeagra
VW Golf MKVI
VW Scirocco
VW Polo Gti
Skoda Fabia VRS

This document is a collation of engine issues that have been seen on the newer generation Euro5 compliant 1.4TSI – Twincharger engines. Certain issues have been addressed by the manufacturer as described below.

Revo Dealers have been advised to NOT flash Revo software onto the ECU if they see any vehicle with these issues without the issues being rectified.

- Misfiring when cold and vehicle is in warm up state – factory update issued
- Misfiring due to faulty coilpacks – certain batches of coilpacks were recognised as faulty and would be replaced under warranty
- Misfiring due to faulty plugs
- Misfiring due to faulty injectors – there was an injector part number change early 2010 newer injectors are believed to have a more efficient spray pattern to prevent excessive depositing on the piston crown. Injectors were also changed to solve misfire issue along with a factory software update.
- Water Pump Failures
- Crankshaft bearing play which can lead to bore wear and piston/piston ring damage

NOTE: there have been numerous cases where completely standard vehicles have suffered from misfires and un-burnt fuel in the cylinder has caused bore-wash leading to piston/piston ring damage.

Not all vehicles suffer from these issues however it's very important to be aware of the issues prior to flashing the vehicle so you can look out for symptoms of any potential problems. Any issue seen on a standard vehicle will be accentuated if the vehicle is run at a higher level of tune.