

Citroen C3 - Common Misfire Cause



The leaking washer jet had allowed the corrosive washer fluid to enter the injector plug damaging the terminals

This little 2004 Citroen C3 SX 1.4 just about made it along to our doors under its own steam. It was running on three cylinders and the Check Engine light glowing brightly indicating a fault. Reading off the codes, we discovered that

the misfire was on cylinder four and the source of the problem was down to the injector.

Citroen likes to confuse matters. On this engine, number four cylinder is actually at the timing belt end.

When we began to remove the faulty injector, we discovered that the misfire was not due purely to the internal components of the injector, but was due to a badly corroded terminal on the injector plug. It soon became clear that the failure had been caused by the washer jet leaking and dripping the highly corrosive washer fluid down onto the terminals.

This is a common occurrence on this vehicle, and it is advisable to replace the dribbling washer jet and check the pipe connection to prevent a

reoccurrence of the problem.

Once the injector and the washer jet were replaced, the fault codes were cleared and the C3 now running on four cylinders, was returned to its waiting owner.