

# V50 Leaking Injector

The owner described the noise he was hearing from the engine of his 2011 Volvo V50 D2 1.6 diesel, as sounding like a steam train. He decided to have a quick look under the bonnet to investigate with the engine running, the chuffing sound was easily located to the base of number two injector.

The owner then took a bad decision. He decided to see if a simple nip up on the injector clamp bolt, would be good enough to silence the chuffing. With the socket in place and the ratchet attached, he wound down the bolt and did hear a decrease in the chuffing noise, but it did not completely disappear.

It's a good job he switched off the engine before moving on to the next steps which was to use a bar on the socket to get a little extra torque. The bolt tightened down a little further, but then he heard a crack. That was

the clamp breaking. It was at this point he contacted me and asked if I could sort things out for him.

A new clamp was needed, along with a set of injector seals and new clamping bolts were fitted, the job took just under 2 hours. Once the new seals were in place and the new clamp and bolts had arrived, the clamps were torqued up to the specified 4Nm + 65°.

On starting up, the chuffing sound was now gone.



**The clamp breaking may have been a much bigger problem had the owner not switched the engine off**