



## **Skoda**

### **Fabia (6Y)**

### **Engine: 1.4 MPI (44 + 50 KW)**

#### **Engine control lamp illuminates/ flashes. Engine misfires, throttle response is poor**

If the above-mentioned symptoms occur in the case of these vehicles, a readout of the fault memory of the engine control should be taken first. Often the fault code 1668... (injection valve/ignition system) is stored there. The 5<sup>th</sup> numeral denotes the cylinder (e.g. 5 = 1<sup>st</sup> cylinder, 6 = 2<sup>nd</sup> cylinder) affected by the fault. If the ignition system has been checked and a leak (air entering through a leak) has also been excluded as the source of the fault, the cause is often in a defective/contaminated injection valve. Despite the correct coil resistance (14–16 ohms), the injection valves may be defective. To be on the safe side, the injection valves can be swapped between the cylinders on a trial basis. When exchanging/renewing the injection valves, proceed as follows:

- Remove the caps of the engine cover and the nuts lying below (Fig.1 )
- Remove the engine cover
- Remove the oil filler cap and the oil dipstick
- Close the oil filler neck
- Disconnect the injection-valve plugs
- Unclip the locking tabs of the cable well (Fig. 2)
- Remove the fuel hose from the manifold and close the opening (Caution: The system is pressurized – Fuel will escape! Wear protective gloves and protective goggles!)
- Unclip the valve-cover breather hose



- Remove the nuts with washers (2x) of the fastening for the coolant line
- Twist the coolant line in such a way that access to the stud bolts (fuel manifold) lying below is guaranteed
- Remove the stud bolts (2x)
- Remove the manifold with injection valves (Fig. 3)
- Remove the safety clamp of the defective valve
- Remove the injection valve (rotate when doing so), see Fig. 4
- Insert the new injection valve
- Replace the sealing rings of all other injection valves

Installation is the reverse of the removal procedure.  
Following this, a functional test and a leak test should be carried out, and the fault memory should be erased.



Fig. 1

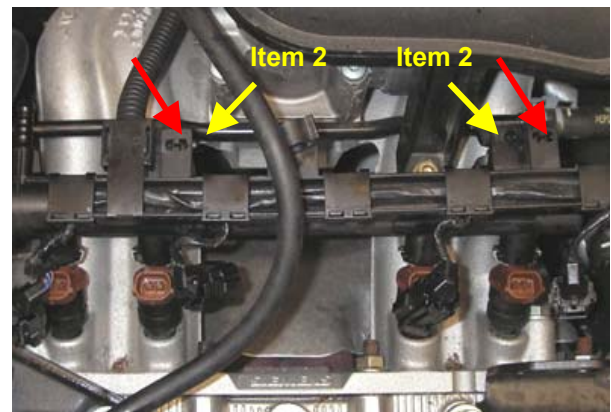


Fig. 2



Fig. 3



Fig. 4