



Renault Espace IV 2.2 I dCi From model year 11.2002 With engine code G9T 742/743

Engine cuts out

If there are complaints from customers about the above-mentioned fault, the cause could be a defective crankshaft position sensor. A defective wiring harness to the crankshaft position sensor is also a possible cause. In this case, the first step is to check the connection plug of the sensor for corrosion, mechanical damage and perfect contacting. If damage can be seen, this should be rectified. The vehicle manufacturer offers a repair kit for this. If no damage can be found, the internal resistance of the inductive sensor can be measured with the aid of a multimeter. To do this, disconnect the plug-connection and measure between the two PINs. The value should be between 200–1000 ohms. With the oscilloscope, a sinusoidal signal of approximately 1 volt should be measured at starter speed. If the actual values measured do not correspond to the desired values, the sensor must be replaced.