



Mini R50 / R52 / R53 (Cooper S)

Poor cooling performance of the air-conditioning system

With the above-mentioned vehicles, a faulty evaporator temperature sensor can lead to poor cooling performance of the air-conditioning system.

Before the sensor is replaced (drawing, pos. A), an air-conditioning service unit should be used to check the pressures in the system, and the refrigerant levels should also be checked if necessary.

The sensor can be checked using a diagnostic unit and the measured value blocks are then read out. If the value displayed (e.g. -30°C) is implausible, faulty cabling or a faulty sensor can be assumed. Alternatively, the resistance values of the sensor can be checked using a multimeter and compared with the reference values.

The sensor has been modified by the vehicle manufacturer.

Old part no. (up to April 2004): 64511499136

New part no. (from April 2004): 64116943846

