Škoda Superb - battery discharges

Data sheet	
Manufacturer	Škoda
Vehicle model	Superb (vehicles with diesel particulate filter)
Engine	2.0 TDI
Year of manufacture	2016-2018
Symptoms	Battery is discharged/vehicle does not start
Recommended HGS tool/ HELLA Spare Part No.	Relays: 4RA 933 332-451

Important safety note

Battery discharged, vehicle cannot be started

With the above-mentioned vehicle type, the radiator fan may switch on of its own accord and does not switch off. It is also possible for the radiator fan to be activated after a longer stationary period of over an hour.

The battery is heavily discharged and it is no longer possible to start the engine.

One reason for this fault may be a thermally overloaded relay contact. This overload can cause the relay contact to "stick" and it can then no longer open properly.

If no definite faults have been detected in the periphery of the affected systems during the diagnosis, special attention should be paid to the power supply relay of Terminal 30 (Relay 4RA 933 332-451). This is located in the engine compartment fuse box in slot R5. One way of determining whether the relay contact is really "sticking" in the event of a fault is to tap lightly on the relay.

This can be done, for example, with a screwdriver. Tapping lightly on the affected relay usually opens the relay contacts again. If the contacts are open, the radiator fan also switches off again.

Another option for checking the relay contacts is the performing of a visual inspection. The relay housing can be opened and then the contacts inside checked. If thermal overloads are visible on the relay contact, the relay has to be replaced.

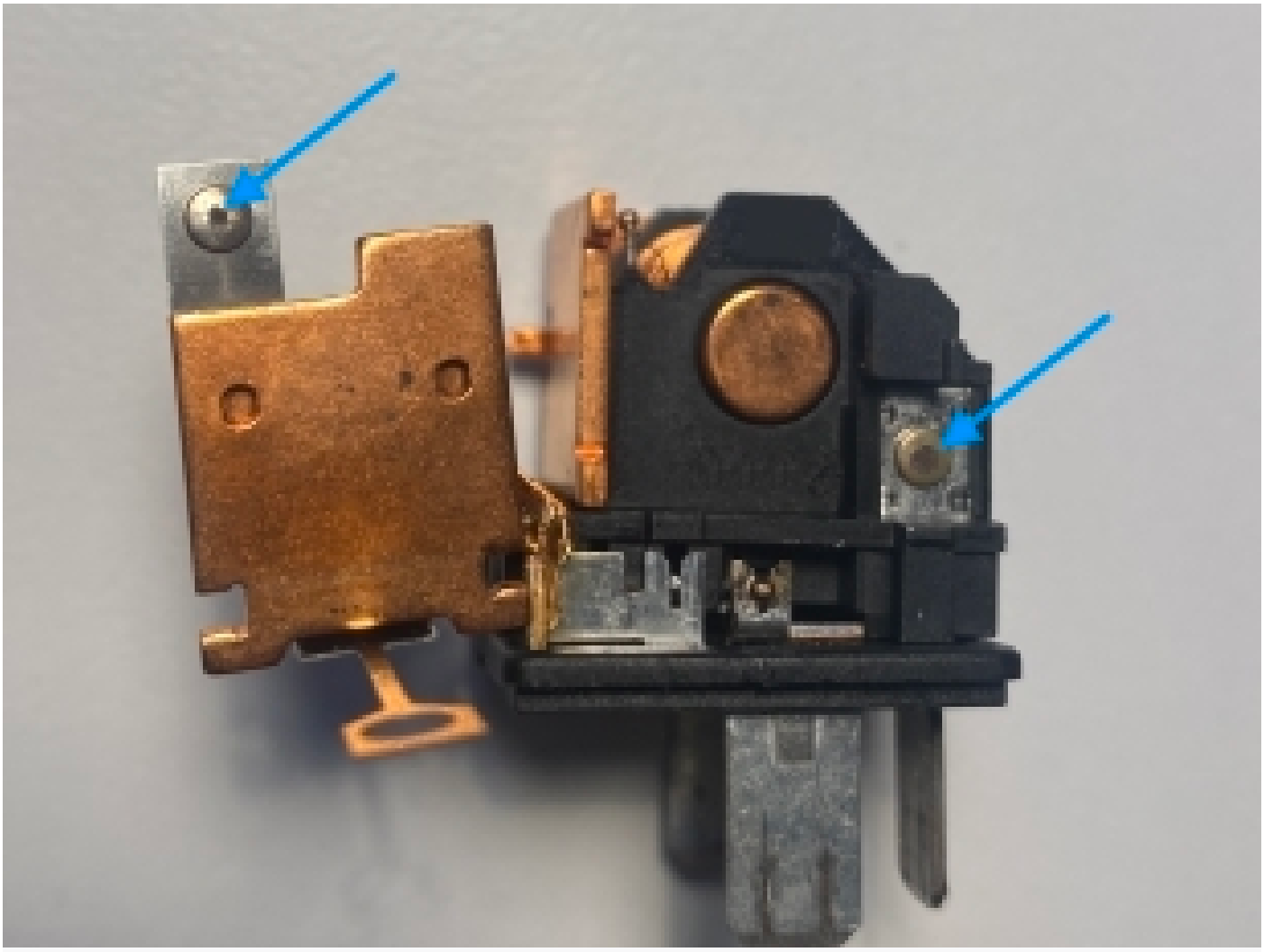
Once the cause of the fault has been removed, delete the error memory and then carry out a test drive.

IMPORTANT

Please always follow the repair instructions from the vehicle manufacturer when carrying out such work.

In certain cases, this information can also apply to other vehicle series.

12V
40A



Example of thermal overload of relay contact

Reprinting, distribution, reproduction, exploitation in any form or disclosure of the contents of this document, even in part, is prohibited without our express, written approval; indication of the document source is also required. The schematic illustrations, pictures and descriptions serve only for the purposes of explanation and representation of the instructions and cannot be used as a basis for installation or assembly work. All rights reserved.