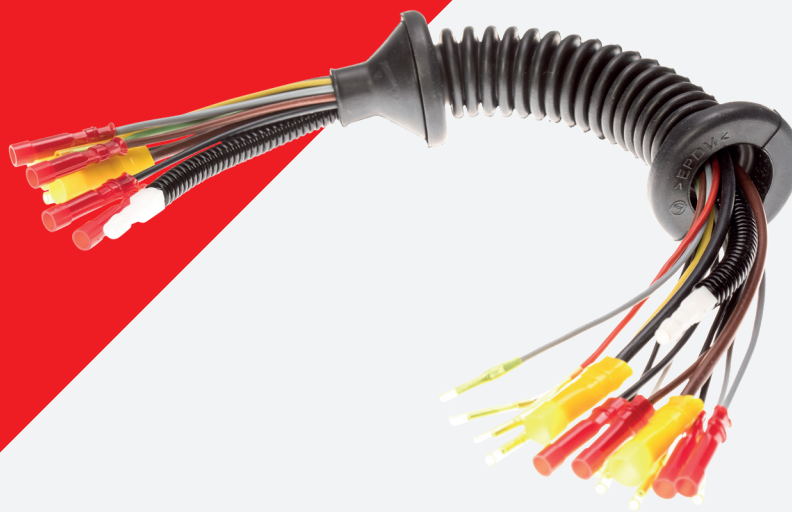


febi 107102



To Fit:
Fiat 500, Ford KA II



EN

Wiring Harness Repair Kit for tailgate

Problem

The rear licence plate's lamps are not working, the rear windscreen wiper and/or demister is not working, the tailgate is not showing as 'closed' on the instrument panel and there is false alarm triggering.

Cause

This is a common fault on the models listed above and is usually due to the wiring harness between the body and tailgate becoming 'brittle' with age. This, combined with the frequent opening and closing of the tailgate, contributes to stressing and straining the wiring. Eventually, the insulation cracks - leaving the wiring exposed, which results in short or open circuits.

Solution

Remove any necessary interior trim panels. Carry out any relevant actuation and electrical tests to the control unit units to eliminate any other faults before repairing the wiring harness. Disconnect the vehicle's battery; each wire of the original harness should be cut to size. Strip the insulation, then the joining connector, and 'crimp' into position whilst attaching the original harness to the new wire.

febi wiring harness repair kits come supplied with an OE-matching rubber gaiter, connectors and enough new silicon-insulated wire to cover vehicles fitted with all available options. The silicone insulation is more resistant against thermal stress and stays flexible at any temperature. This flexibility helps to prevent cable breaks in the future. The wires are 'tinned' and are extra fine, making them more flexible and preventing corrosion for a reliable repair.

Note: At each repair, ensure that the crimp connectors are not positioned immediately next to each other if there are multiple wires to be repaired. Arrange the crimp connectors slightly offset to ensure that the wiring loom does not become too big.

Cut the water pipe for the rear-screen wash and insert the flexible pipe supplied to extend and match the extra wiring harness.

Wrap the repaired wiring harness with fabric insulation tape (107140) to protect the connectors and wiring harness. Fit the new rubber gaiter and grommets into the vehicle's body and tailgate. Reconnect the battery. Check for flexibility of the new wiring harness when opening and closing the tailgate. Clear any fault codes and test the operation of all affected electrical systems.

For more technical information please visit: partsfinder.bilsteingroup.com