

WORK DESCRIPTION FOR FIELD MEASURE

Code: 23P5490210

Version: 2.0

Apply preservation agent to PTC Heater Electrical Connections

Model 243

Work procedure

i The following points must be observed prior to carrying out the work.

- Ignition OFF
- No accident vehicle
- **The charging cable must be disconnected on the vehicle side**
- Hood open
- A visual check of the electric lines in the high-voltage on-board electrical system for loose contacts or damaged insulation must be carried out in the working area.

i It is not necessary to disconnect the power to carry out the work.

1. Remove lower engine compartment lining (AR61.20-P-1105EOA).
2. Apply a **generous** amount of spray wax to the ground line (A, Figure 1) on the high-voltage PTC heater so it coats all sides and surfaces of the connector.

i After applying the first layer of wax, let it air-dry for 10 minutes and then repeat the waxing process a second time.

i Make sure that the stranded copper wires in the ground strap (B, Figure 2) are **fully** covered with wax.

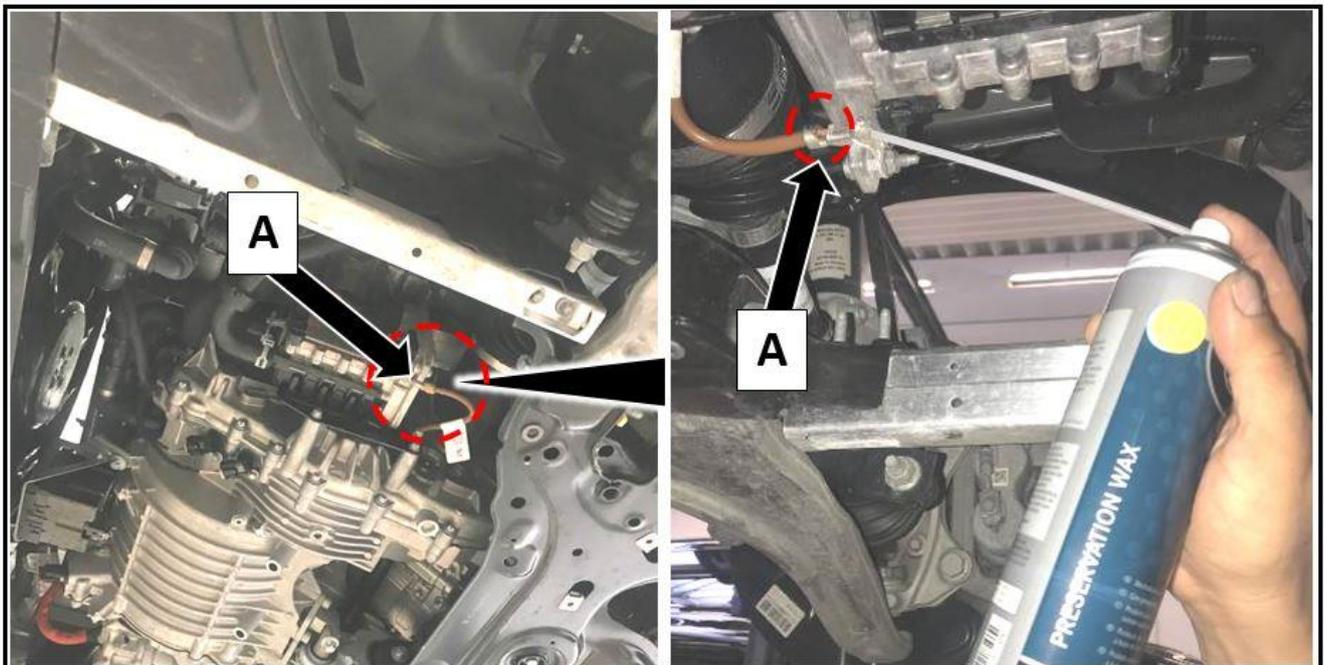


Figure 1

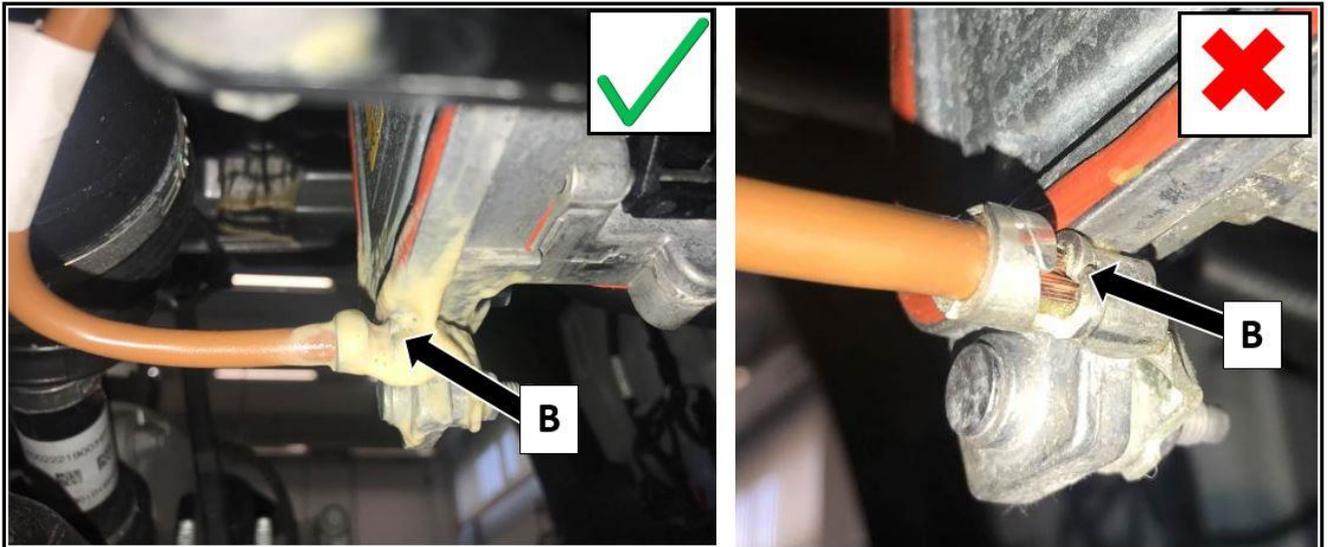


Figure 2

3. Apply a **generous** amount of spray wax to the retaining clamp (C, Figure 3) of the electric lines on the high-voltage PTC heater.

i Position the spray probe of the wax can upstream of the groove (D, Figure 4) to ensure that the wax goes under the retaining clamp.

i After applying the first layer of wax, let it air-dry for 10 minutes and then repeat the waxing process a second time.

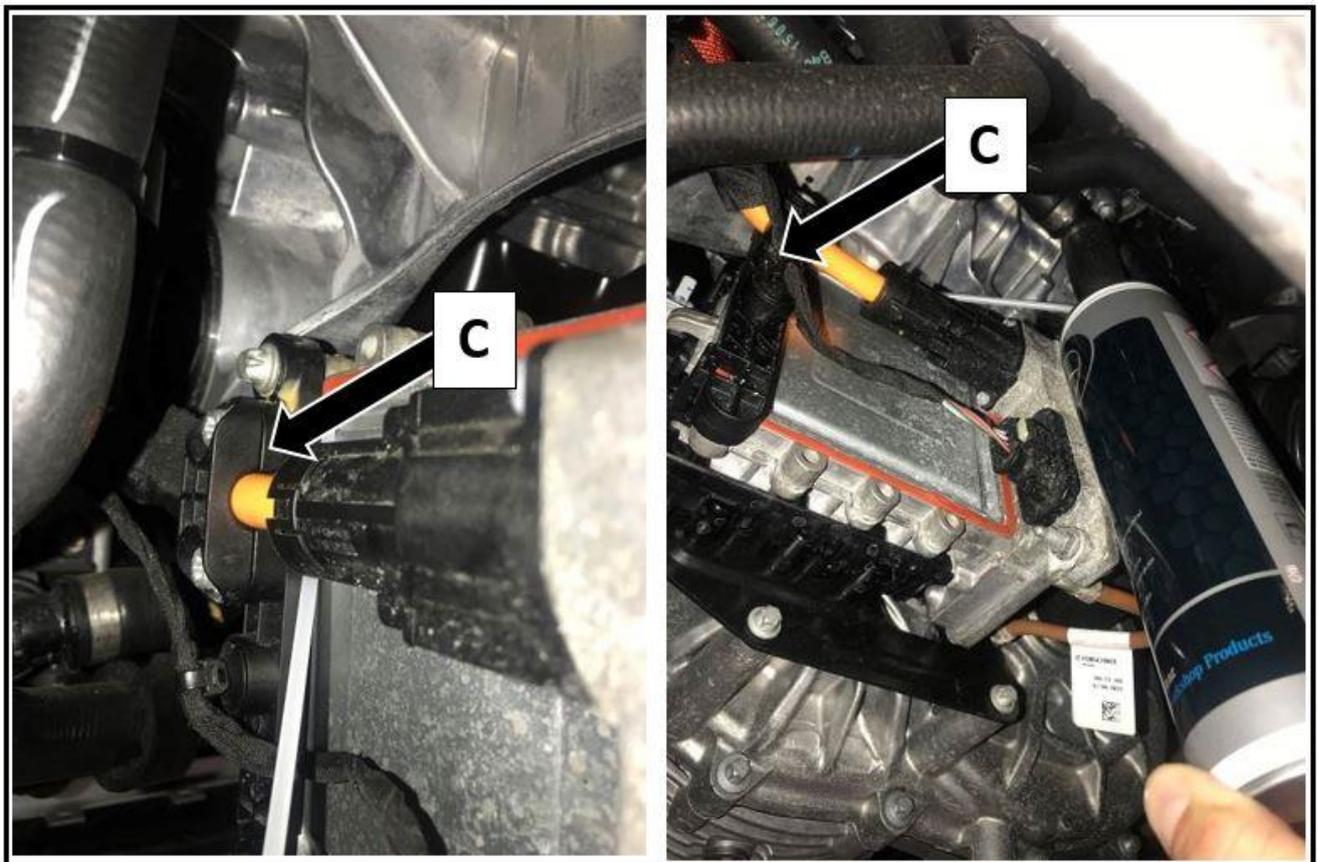


Figure 3

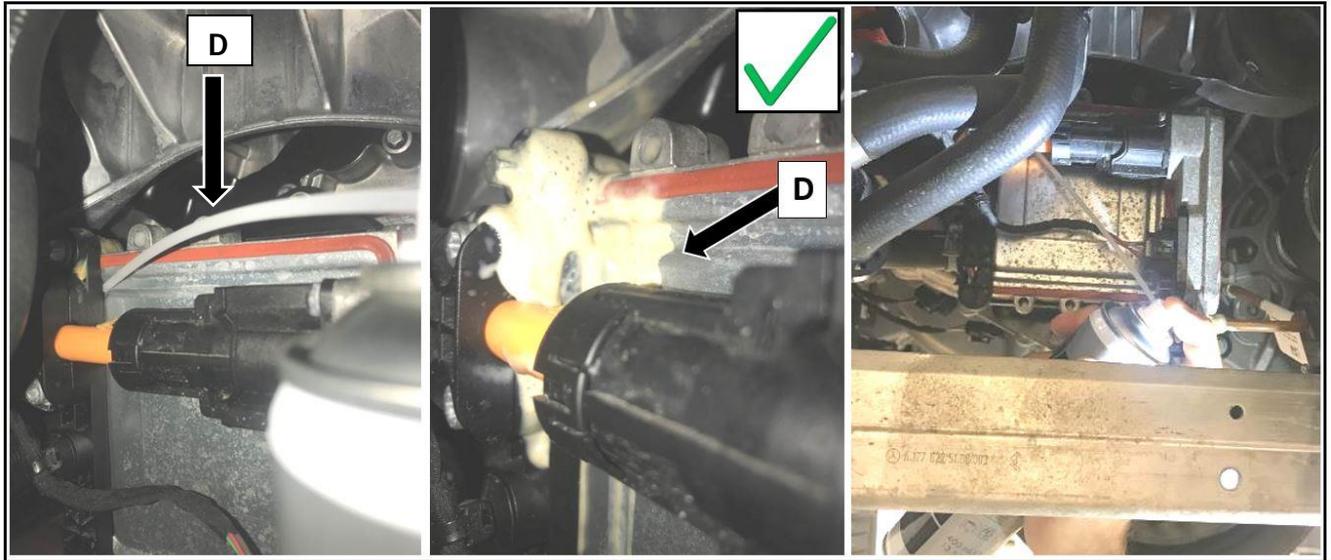


Figure 4

4. Install lower engine compartment lining (AR61.20-P-1105EQA).

Parts

Quantity	Designation	Part no.
As required (1*)	Wax	A 000 986 32 01 09

* One container of wax is sufficient for at least 10 vehicles.

Operation text and flat rate

Operation no.	Operation text	Flat rate	Accounting no./ damage code
12-1820	Operations: Reapply preservation agent to high-voltage PTC heater in area of electrical connections	0.4 h	54 902 10

Mercedes-Benz
Global Service & Parts