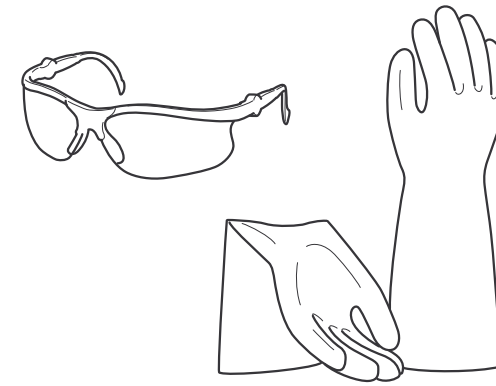


Procedures for all electrical work



WARNING!

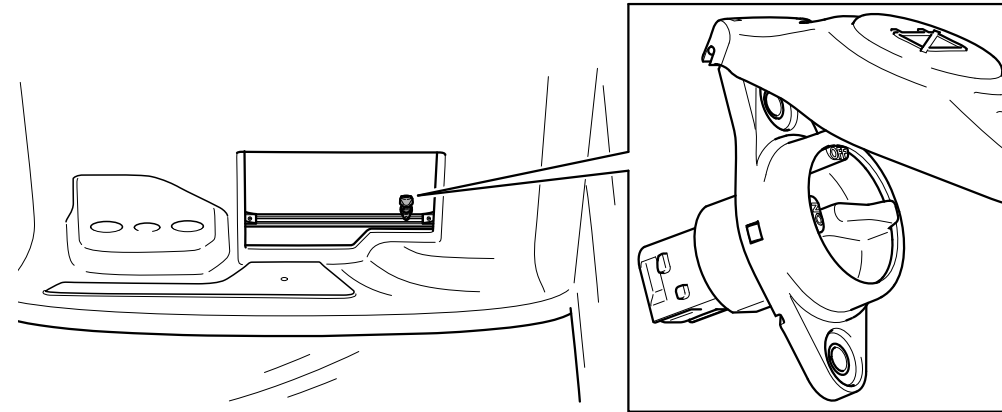
- Work classified as electrical work may only be carried out by trained and qualified personnel who are authorised to perform such work.
- Only wear clothes made of 100% cotton.
- Wear protective goggles and rubber gloves classified for 1,000 V. There is a risk of coming into contact with voltage class B (650 V) when working in the central electric unit for voltage class B.
- Check that the gloves are intact. Roll them up and check that no air seeps out.



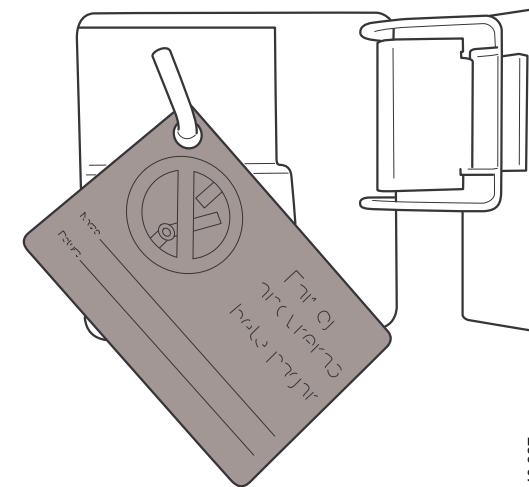
340 666

Before all work

1. Switch off the 15 voltage.
2. The hybrid system control switch is located by the central electric unit in the roof panel. Switch off the hybrid system using the hybrid system control switch in the roof panel.
3. Switch on the 15 voltage.
4. Connect SDP3. When starting SDP3, an automatic check of the voltage and insulation monitor on the voltage class B circuit is performed and a check that the control switch is switched off. Fault code 793, the hybrid system interlock loop is open, is set when the control switch is switched off.
5. Switch off the 15 voltage.
6. Switch off the 30 voltage. Place a sign indicating that electrical work is being carried out and give the name of the electrical work supervisor. If possible, lock the 30 voltage switch.



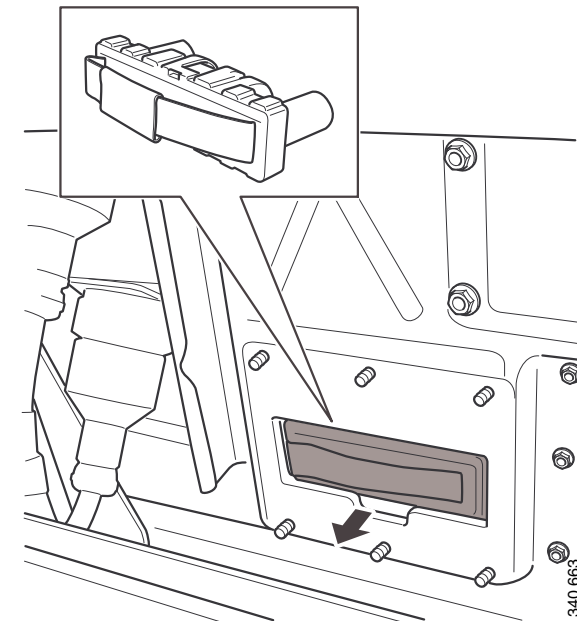
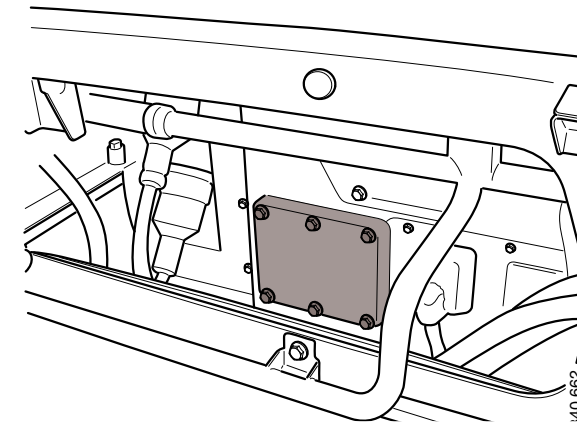
Control switch



Sign

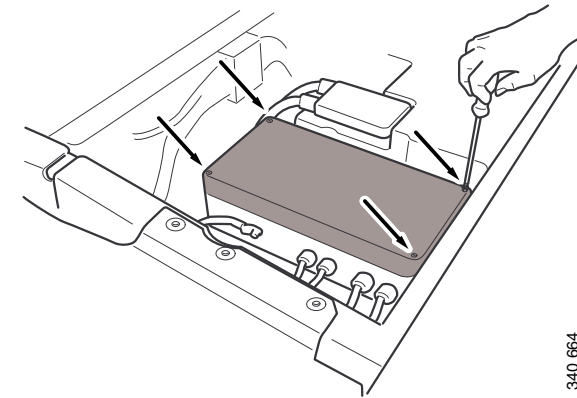
340 937

7. Remove the main fuse on the hybrid battery on the roof.



Main fuse

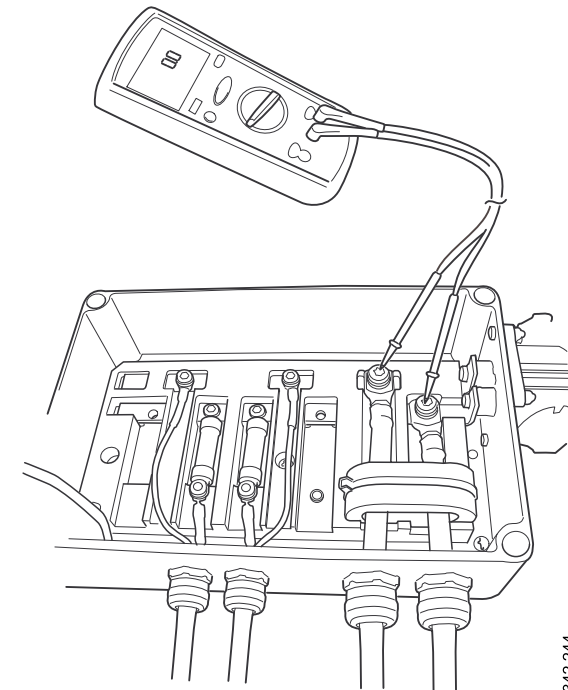
8. Detach the cover from the voltage class B central electric unit. The voltage class B central electric unit is on the roof.



Central electric unit cover

340 664

9. Check the voltage between the cables from the hybrid battery in the voltage class B central electric unit. The voltage should be less than 5 V.
10. Carry out the electrical work.



342 244

Voltage check

Electrical components

Hybrid vehicles have a number of unique components in the engine and gearbox, which must be sorted as electronic waste.

Examples of components unique to hybrids:

- Voltage class B central electric unit
- The electric machine
- Inverter (MGU)
- Direct current converter (DCC)
- Electric heater
- Class B voltage cables