

REMOVE AND REFIT CHARGE SOCKET

Remove

1. Ensure the Ignition switch is OFF, remove keys from the vehicle and place in a secure location at least 2 metres from the vehicle

Caution: Please wait 30 minutes after the vehicle power system has been switched off to allow any power stored within the inverter capacitors to have been discharged.

Warning: ALWAYS ensure the correct PPE is worn when working on, or with HV components.

1. Disconnect both the negative and positive battery cables – see LV Battery Disconnection



2. Locate + Remove both Master Service Disconnect devices (MSD) – see Master Service Disconnect Remove/Refit



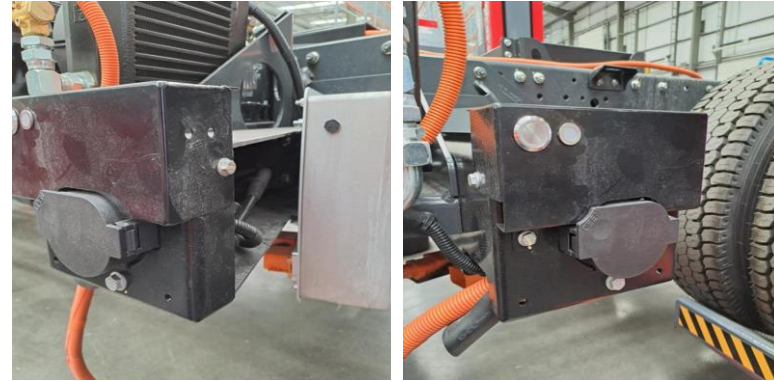
3. Wait 30 minutes to check for residual voltage (close to zero volts)
4. Raise the vehicle using a suitable lifting apparatus while complying with lifting weight restrictions to a safe working height

5. Disconnect the charge cable from the RF filter box



6. Cut ties along the short loom up to the charge socket and let the cable hang

7. Remove the three M8 nuts and bolts from the cable release switch and remove



8. Disconnect the release cable switch
9. Disconnect the two connectors behind the socket



10. Raise the vehicle and remove the third earth connection on the rear earth connection point



11. Unclip the earth cable up to the charge socket
12. Undo and remove the three M8 nuts and bolts that secure the charge socket
13. Gently push the socket back into the box section and feed the cable out

Refit

1. Feed the new charge cable into the housing and secure in place with the three bolts and tighten to 23 Nm
2. Feed the earth cable through the chassis and resecure to the earth point. Tighten to 23 Nm
3. Resecure the earth cable up to the existing loom
4. Reconnect the HV connector to the RF filter box and secure the cable along the main harness
5. Reconnect connector behind the charge cable socket
6. Refit the cable release switch with the three 10 mm nut and bolts and reconnect electrical connector
7. Refit all required PPE
8. Refit both MSDs
9. Refit 24V battery link
10. After vehicle power up confirmed safe, remove PPE
11. Plug in vehicle and test it works (ensure it charges, locks in and releases)
12. Check and confirm no faults/DTCs