

REMOVE AND REFIT SEVEN MODULE BATTERY RH

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.

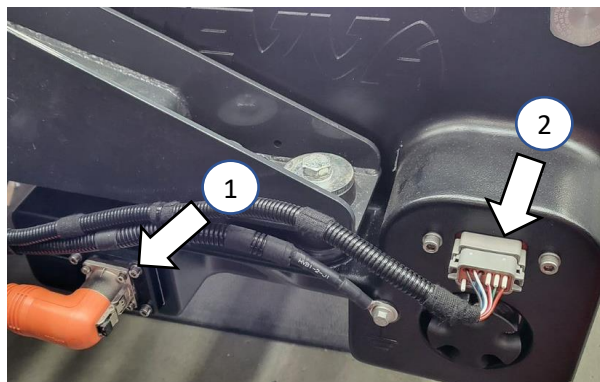
1. Disconnect both the negative and positive battery cables – see LV Battery Disconnection



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



3. Locate + Remove both Master Service Disconnect devices (MSD) – see Master Service Disconnect Remove/Refit
4. Disconnect high voltage power cables, front and rear (1)
5. Disconnect low voltage connectors, front and rear (2)

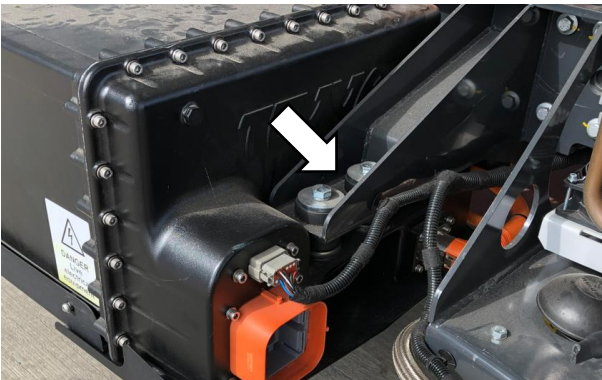


6. Remove battery casing ground cable



7. Raise lifting platform to support battery (ensure battery is secured to lifting equipment)

8. Remove battery securing fixings (4 off – 2 front and 2 rear)



9. Lower hydraulic lift and battery assembly from vehicle



10. Remove lifting platform and battery from vehicle

11. Where necessary, use a suitable fork lifting device to remove battery from lifting platform

Refit

1. Ensure new battery pack is correctly and securely positioned on lifting platform
2. Position hydraulic lifting platform and battery under vehicle
3. Raise hydraulic lifting platform, align battery into location – pay particular attention to cable routing
4. Continue to raise platform until battery brackets/mounts align with holes in battery casing
5. Insert retaining bolts through fixing brackets and battery casing rubber mounts
6. Fit securing nuts and tighten to 83 Nm
7. Lower hydraulic lifting platform and remove
8. If necessary, lower vehicle lift to a suitable height
9. Position and secure battery ground cable, tighten to 30 Nm
10. Position and refit low voltage connectors (front and rear)
11. Position and fit high voltage connectors (front and rear)
12. Fully lower vehicle lift
13. Reconnect low voltage battery
14. Refit MSD device
15. Carry out full operational test on vehicle power system