

Relevant spare parts kit for this process instruction

[MIH2100042](#) HEATING BLANKET KIT 8KW BATTERY

[MIH2100041](#) HEATING BLANKET KIT 12KW BATTERY

Safety recommendations

- 1 - Switch off ignition and turn off main circuit breaker
- 2 - Disconnect battery pack...
- 3 - Electrical qualification mandatory
- 4 - Check for absence of voltage - process instruction - [MIH97000](#) -

Necessary specific tooling

- 1 - Torque wrench

Standard labour time = 4,76 hours



Dismantle:

- [MIC3300099](#) - rear battery pack access hatch
- [MIH2100007](#) - front battery pack
- [MIH2100008](#) - rear battery pack

- Install battery pack supporting plates on a workbench.
- Install insulation foam and center between rivet screws (**Fig.1**).
- Install 2 washers per rivet screw (RONDELLE ALU DIN125A M10 10/10)(**Fig.2**).
- Install heating blanket on the foam locating the blanket holes over the rivet screws (**Fig.3**).

Fig.1

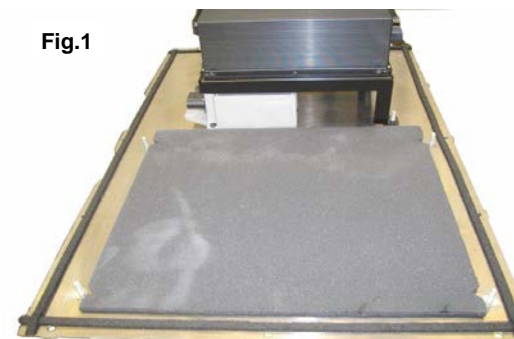


Fig.2

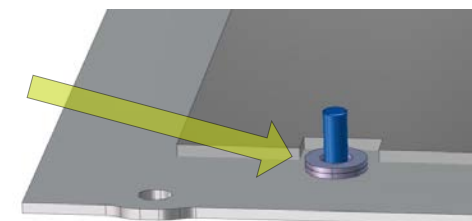
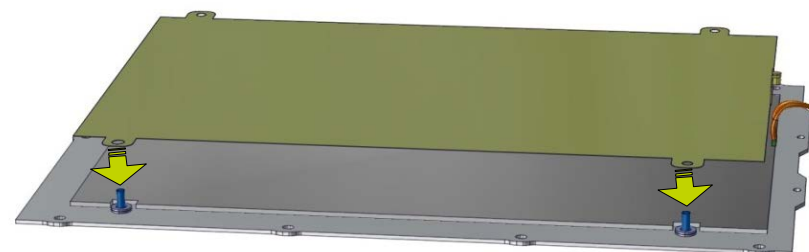


Fig.3



- Install battery pack over the heating blanket (**Fig.4**).
- Tighten the 4 battery pack nuts (**Fig.5**).

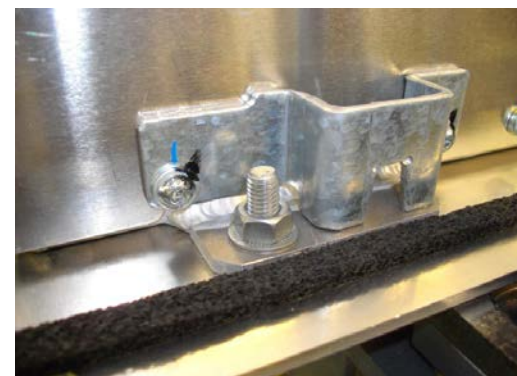


Use appropriate torque settings, see process instruction :[SAV-MIA0000004](#)-Torque settings

Fig.4



Fig.5



Installation of canbridge box

Drilling operation on rear seat reinforcement tube :

- Using a 9mm drill bit, drill 2 holes 235,6 mm apart. **(Fig.6)**.
- Install rivet nuts in the holes.
- Install BRCAN support bracket on BRCAN electrical base plate **(rep 2)(Fig.7)**.
- Screw the assembly on the tube **(rep 1)(Fig.7)**.



Use appropriate torque settings, see process instruction :SAV-MIA0000004-Torque settings

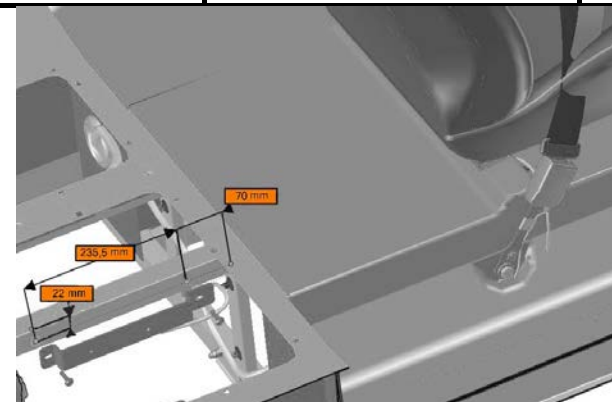


Fig.6

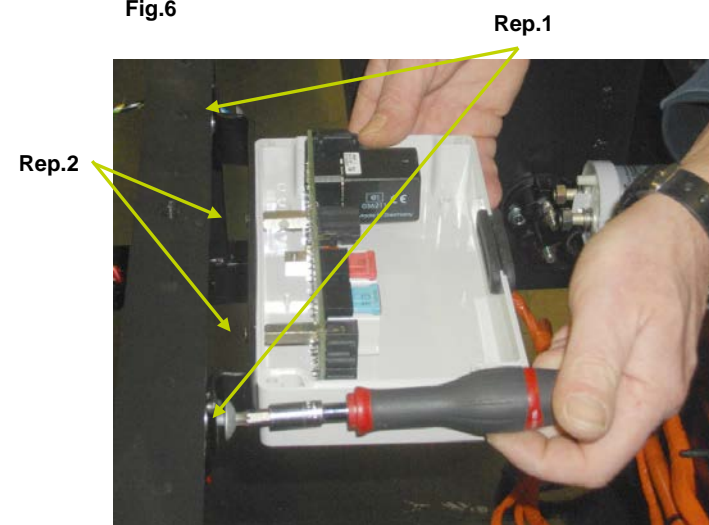


Fig.7

Wiring instructions :

- Open relay/fuse plate casing inside battery pack compartment **(Rep 3)(Fig.8)**.
- Disconnect terminal in order to make the splice **(Rep 5)(Fig.10)** so as to connect the red wire of the kit **(Rep 3)(Fig.8)** onto the relay/fuse (see instructions below) .
- Remove orange taping on wire.
- Cut wire n° 4 **(BC+)** using side cutters **(Rep 5)(Fig.10)**.
- Make a splice **(Rep 6)(Fig.11)** with the red wire using the connection sleeve and shrink sleeve.
- Wrap the modified wiring with orange tape.
- Connect the connector **(Rep 4)(Fig.9)** to the BRCAN electrical base plate (P3 connection slot).
- Crimp terminal onto black wire, wrap wire using orange tape and connect to negative terminal on the circuit breaker **(Rep 7)(Fig.12)**(circuit breaker output).

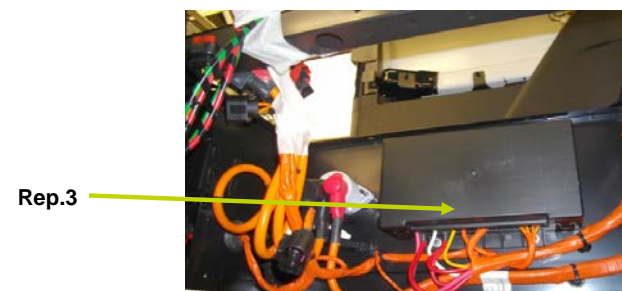


Fig.8

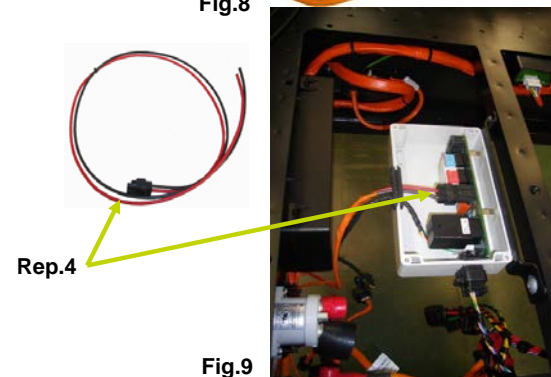


Fig.9

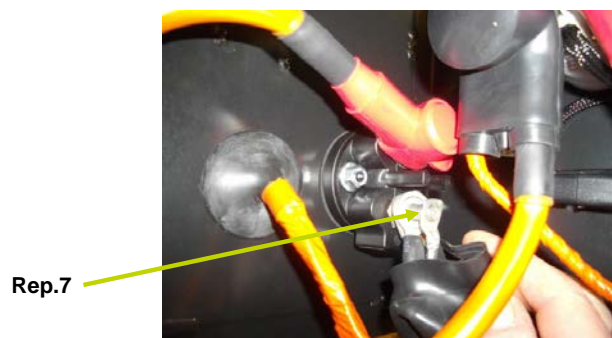


Fig.12

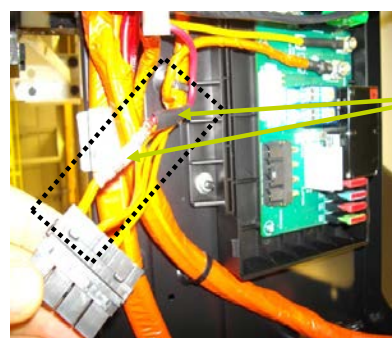


Fig.11

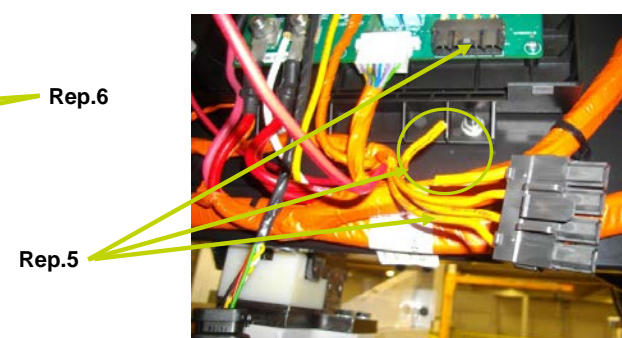


Fig.10

- Connect heating blanket(s) **(Rep 8)(Fig.13)**, white and orange wires.
- Disconnect charger connector **(Rep 9)(Fig.14)** and connect to BRCAN electrical base plate **(Rep 10)(Fig.14)**.
- Connect wire **(Rep 12)** to P1 (where charger connector was connected previously) **(Rep 9)(Fig.14)** then connect to P2 on BRCAN electrical base **(Rep 11)(Fig.14)**.
- Screw BRCAN electrical base plate cover in place (4 screws) **(Fig.15)**.

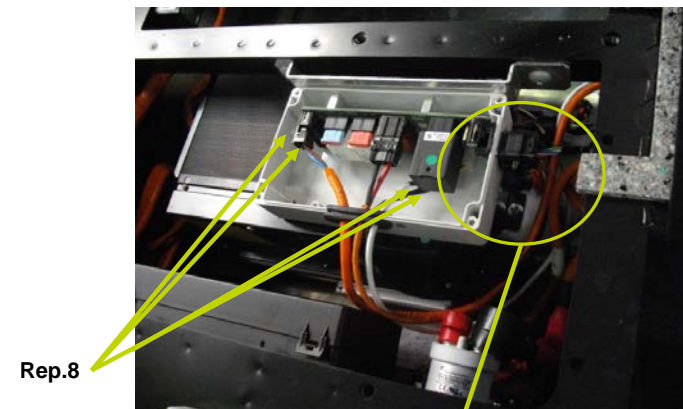


Fig.13

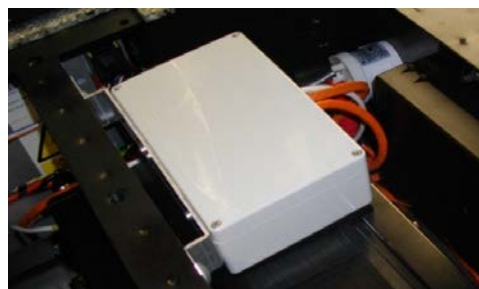


Fig.15



Rep.12

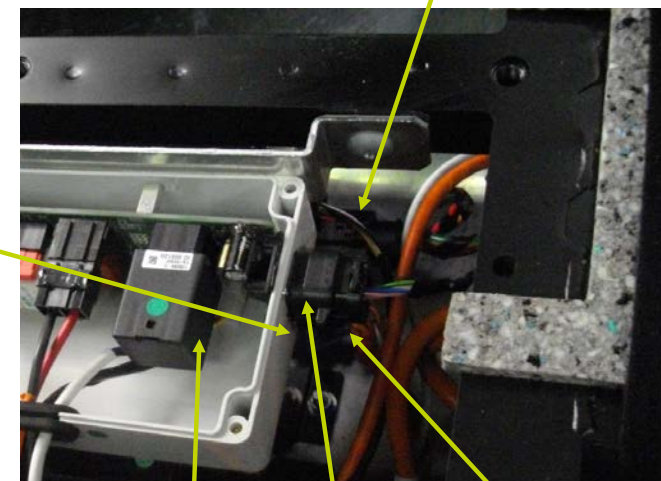


Fig.14

Rep.11

Rep.10

Rep.9



 Only valid for EGV SW version n°1.46

[illegible]



Miscellaneous Equipment Heating Blanket - assembly / disassembly

Process instruction n°
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