

TRACTION BATTERY COMPUTER: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Set of trim removal levers.

Car. 1363

Equipment required

Diagnostic tool

Locations and specifications (tightening torques, parts always to be replaced, etc.) ([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) ([see 19E, Traction battery, Traction battery housing assembly : Exploded view](#)) .

WARNING



■ To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

- [\(see 19E, Traction battery, Traction battery : Precautions for the repair\)](#) ,
- [Vehicle: Precautions for the repair](#) .

WARNING

DANGER: HIGH VOLTAGE VEHICLE.



Risks of serious burns or electric shock that may prove fatal.

Before carrying out any work on the vehicle, it is essential that you adhere to the instructions regarding vehicle voltage cut-off. This work must be carried out by an employee who is qualified and authorized to work on a high-voltage onboard network.

REMOVAL

1. REMOVAL PREPARATION OPERATION

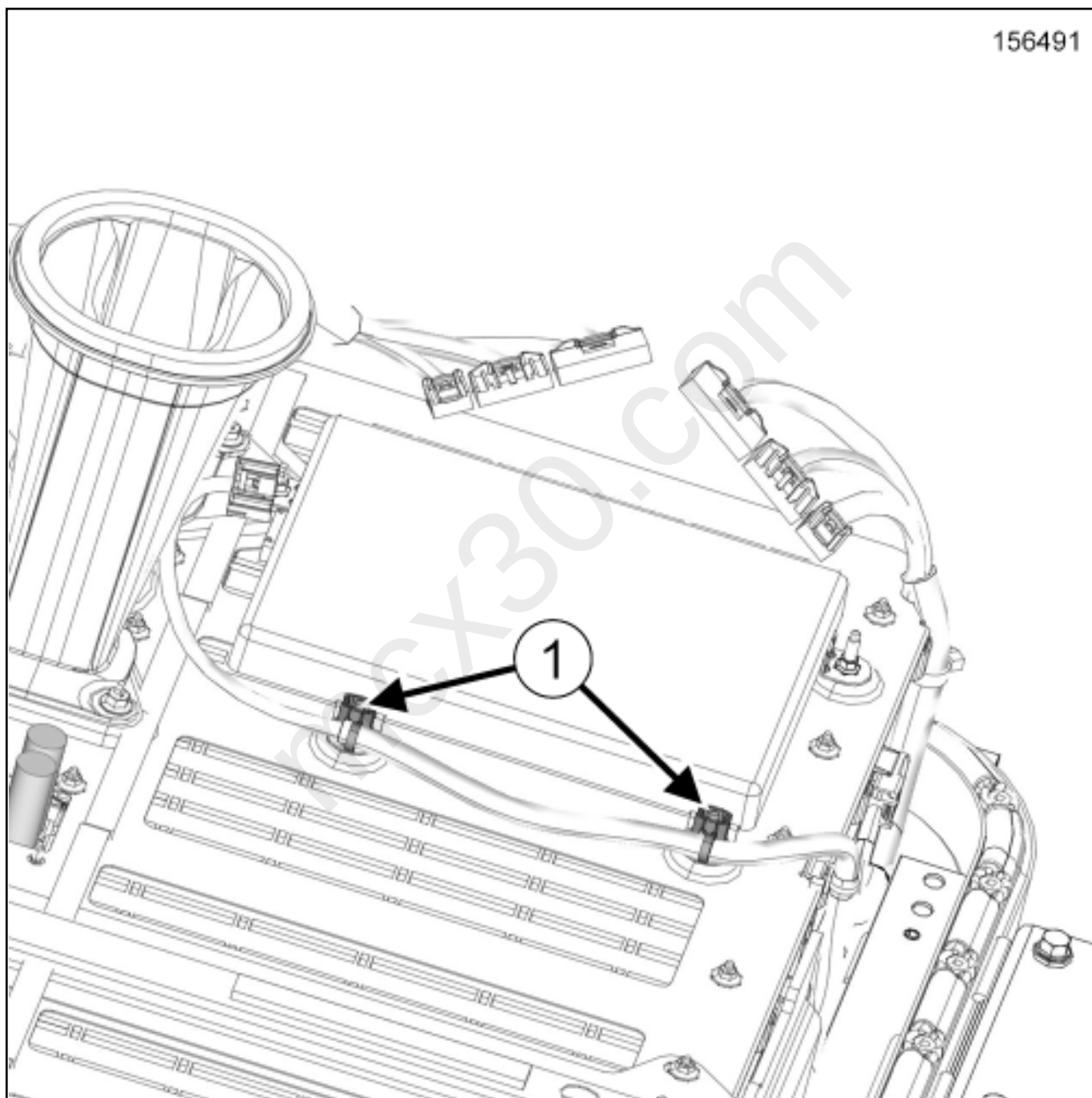
■ Apply the Before repair procedure using the Diagnostic tool [Diagnostic tool : Use](#) :

-Computer concerned by the Before repair procedure:

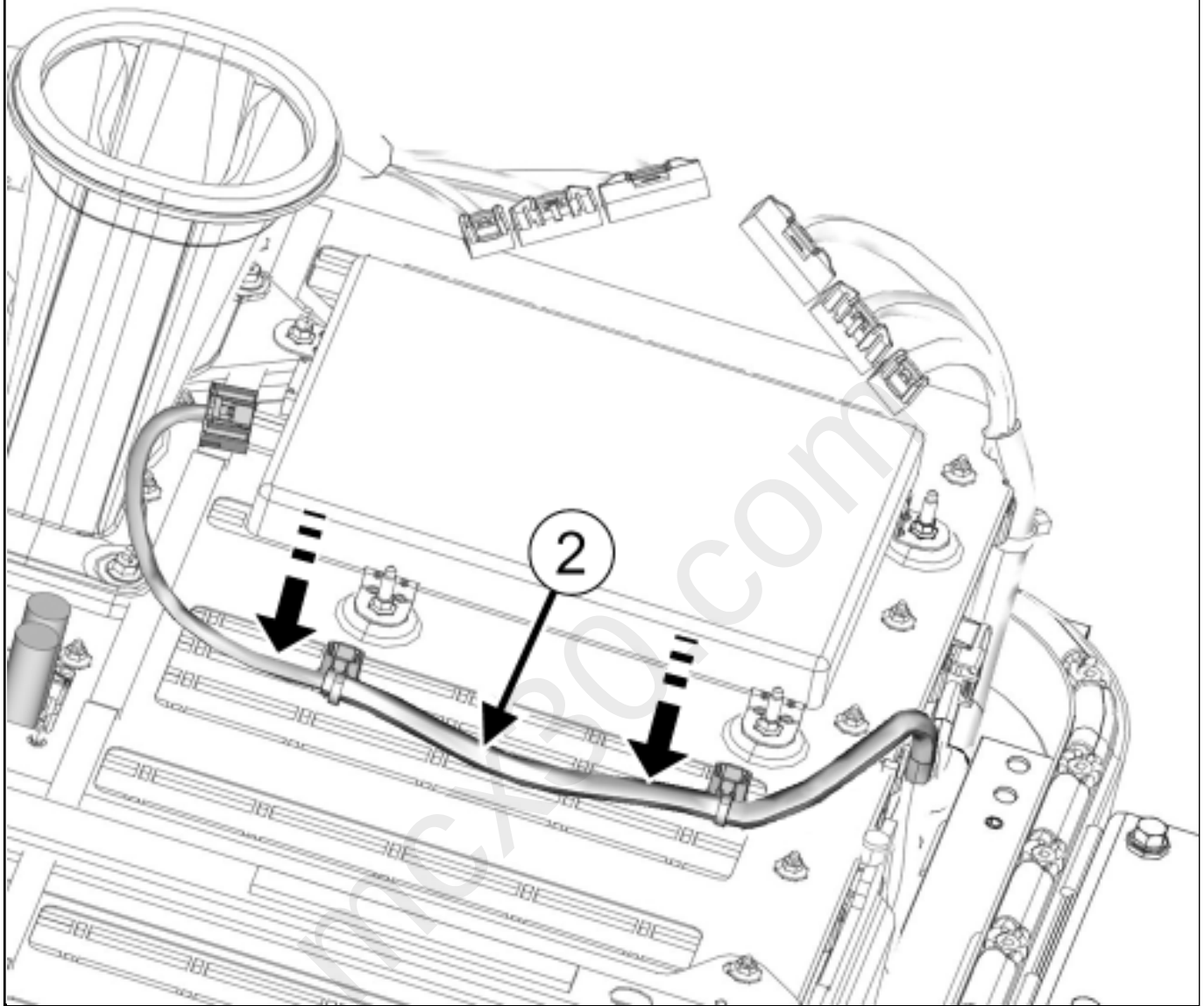
- "Traction battery computer".

■ Remove the traction battery upper cover([see 19E, Traction battery, Traction battery housing assembly : Exploded view](#)).

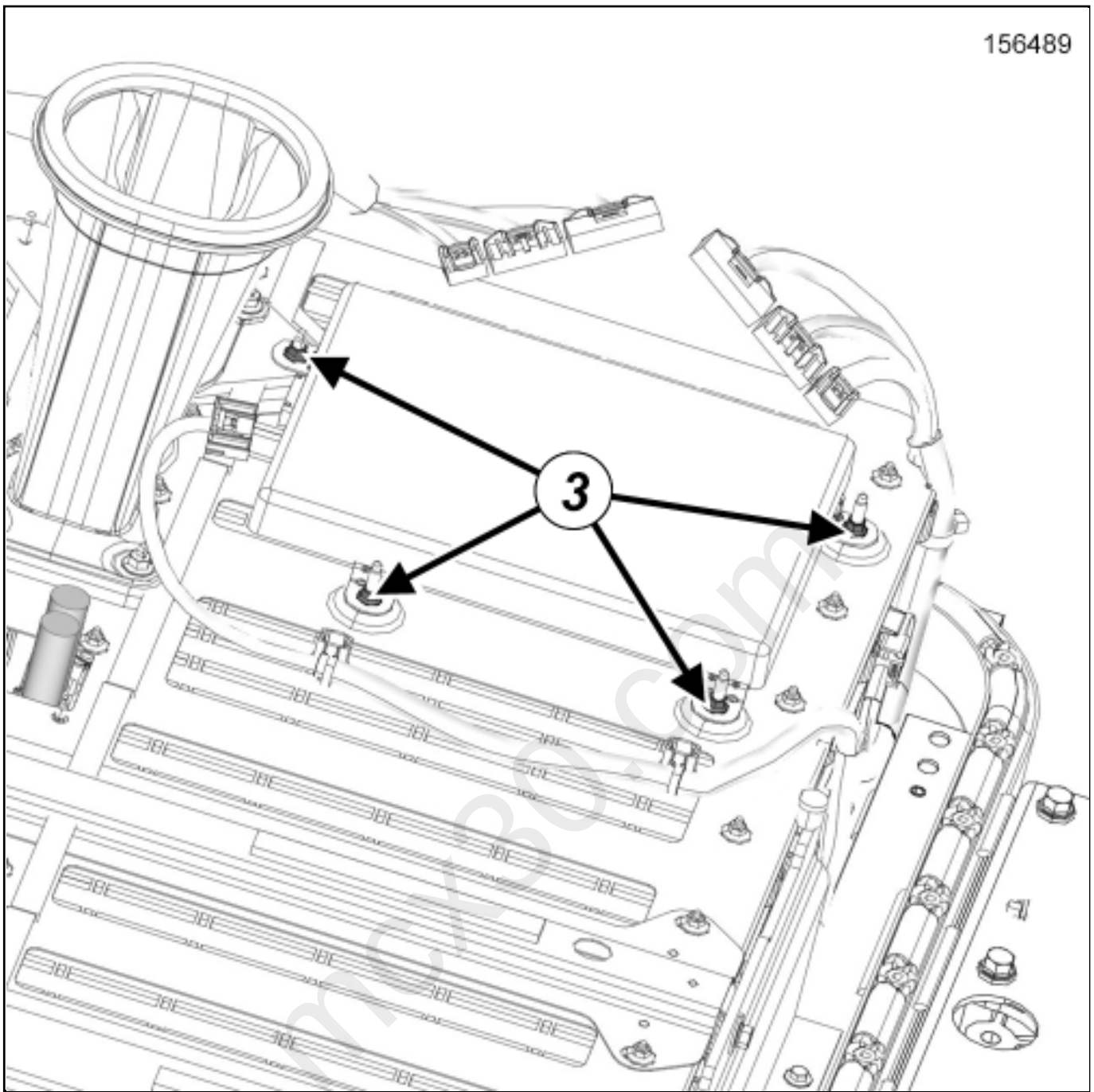
2. REMOVAL OPERATION



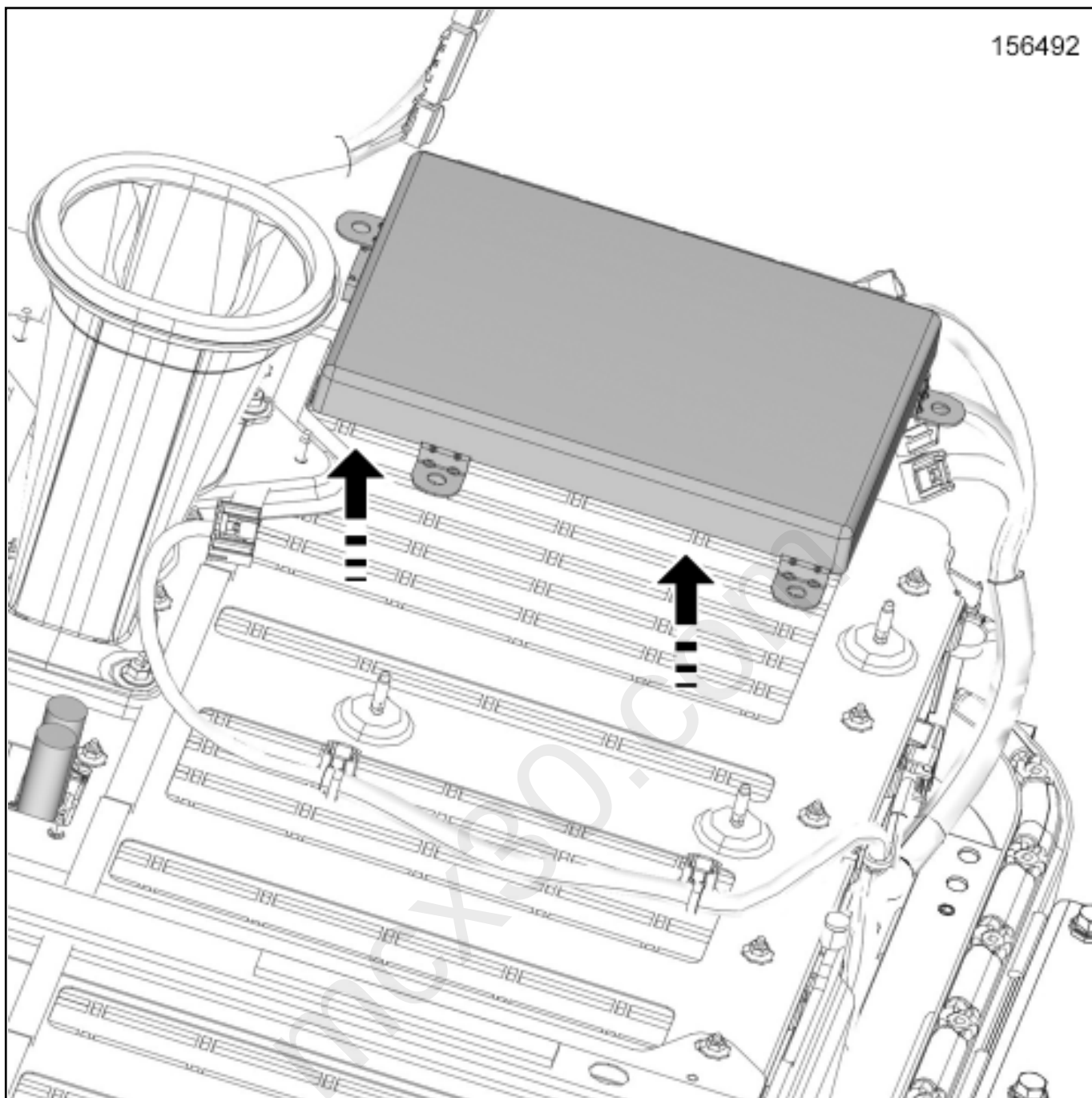
■ Unclip the clips(1) from the studs using the toolSet of trim removal levers.([Car. 1363](#)) .



- Move the low voltage wiring(2) .



■ Remove the computer nuts(3) using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



Remove the computer([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .

REFITTING

1. REFITTING PREPARATION OPERATION



CAUTION

In case of replacement, note and report the identification number of the new computer.

2. REFITTING OPERATION



Refit the computer.



Note:

Pay attention to the mechanical coding.



Refit the computer nuts using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



Torque tighten the computer nuts using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



Note:

Tighten the nuts in a criss-cross pattern.



Mark always the nuts with a PAINT MARKER of a color different from the original.



Clip the clips on the stud.

3. FINAL OPERATION



Proceed in the reverse order to removal.



Apply the After repair procedure using the Diagnostic tool [Diagnostic tool : Use](#) :

-Computer concerned by the After repair procedure:



"Traction battery computer" .



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