

TRACTION BATTERY INTERNAL FUSES : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



- ▣ 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.



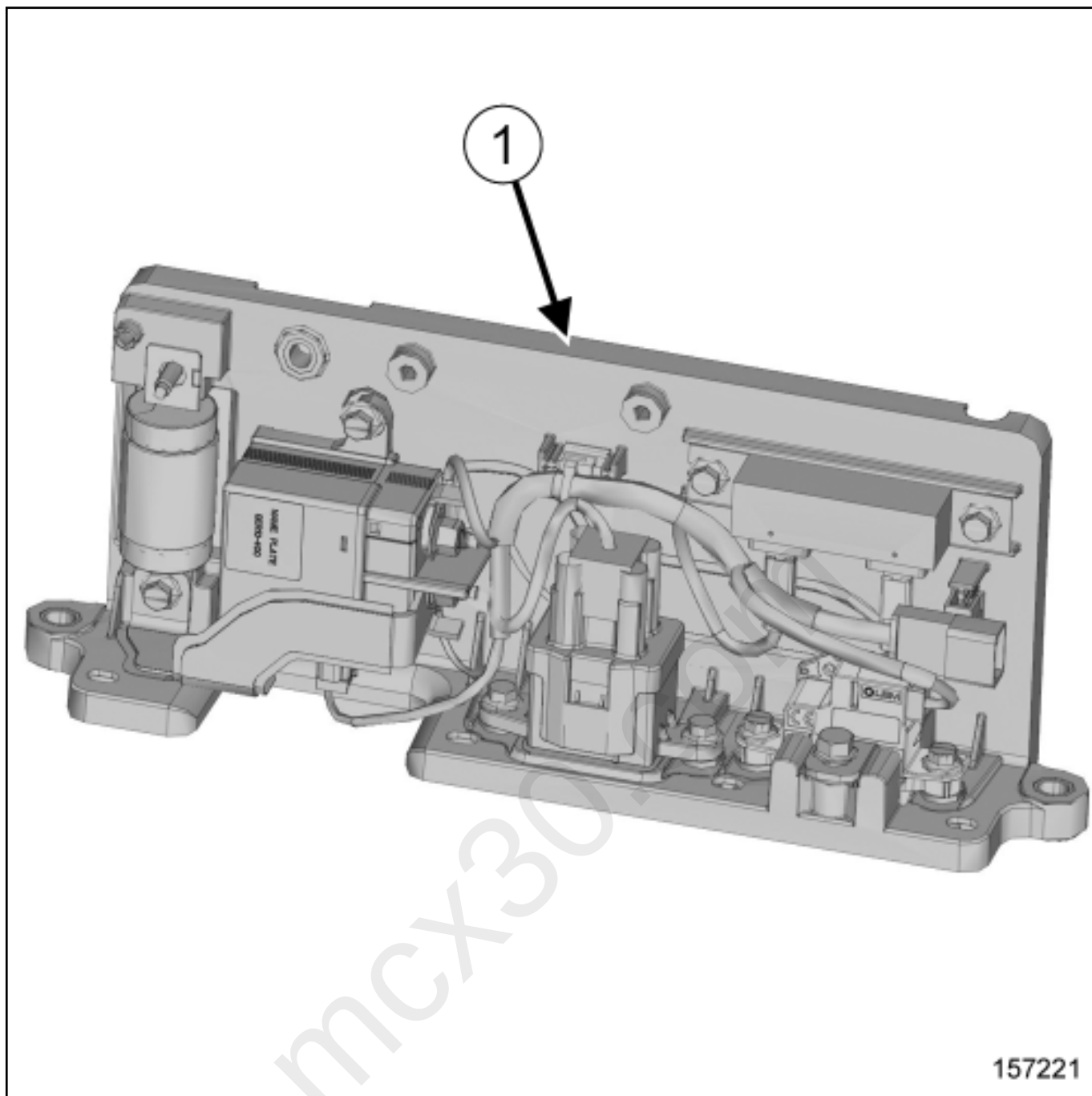
Risks of serious burns or electric shocks that may prove fatal.

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

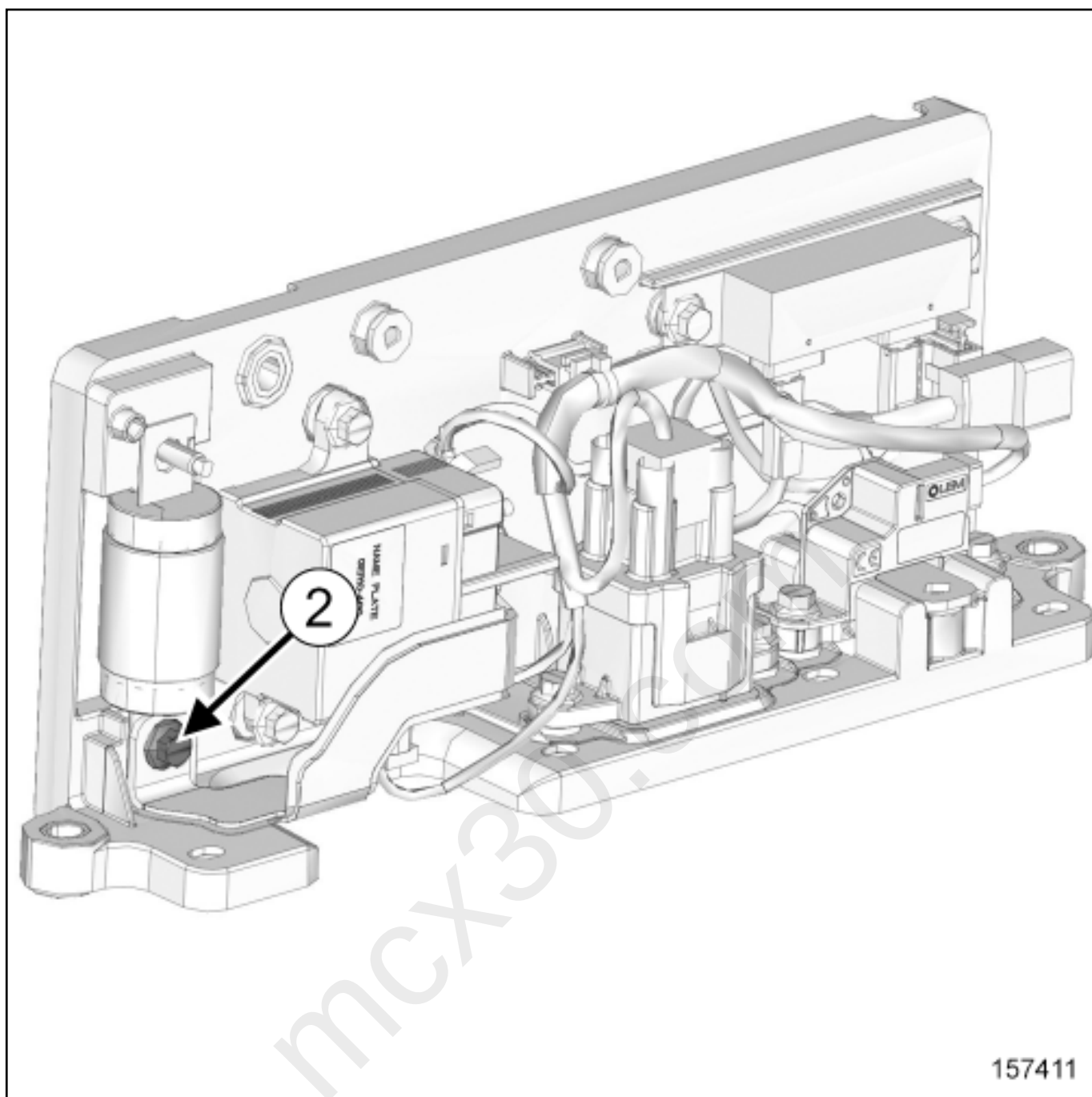
REMOVAL

1. REMOVE THE JB INTERNAL FUSE

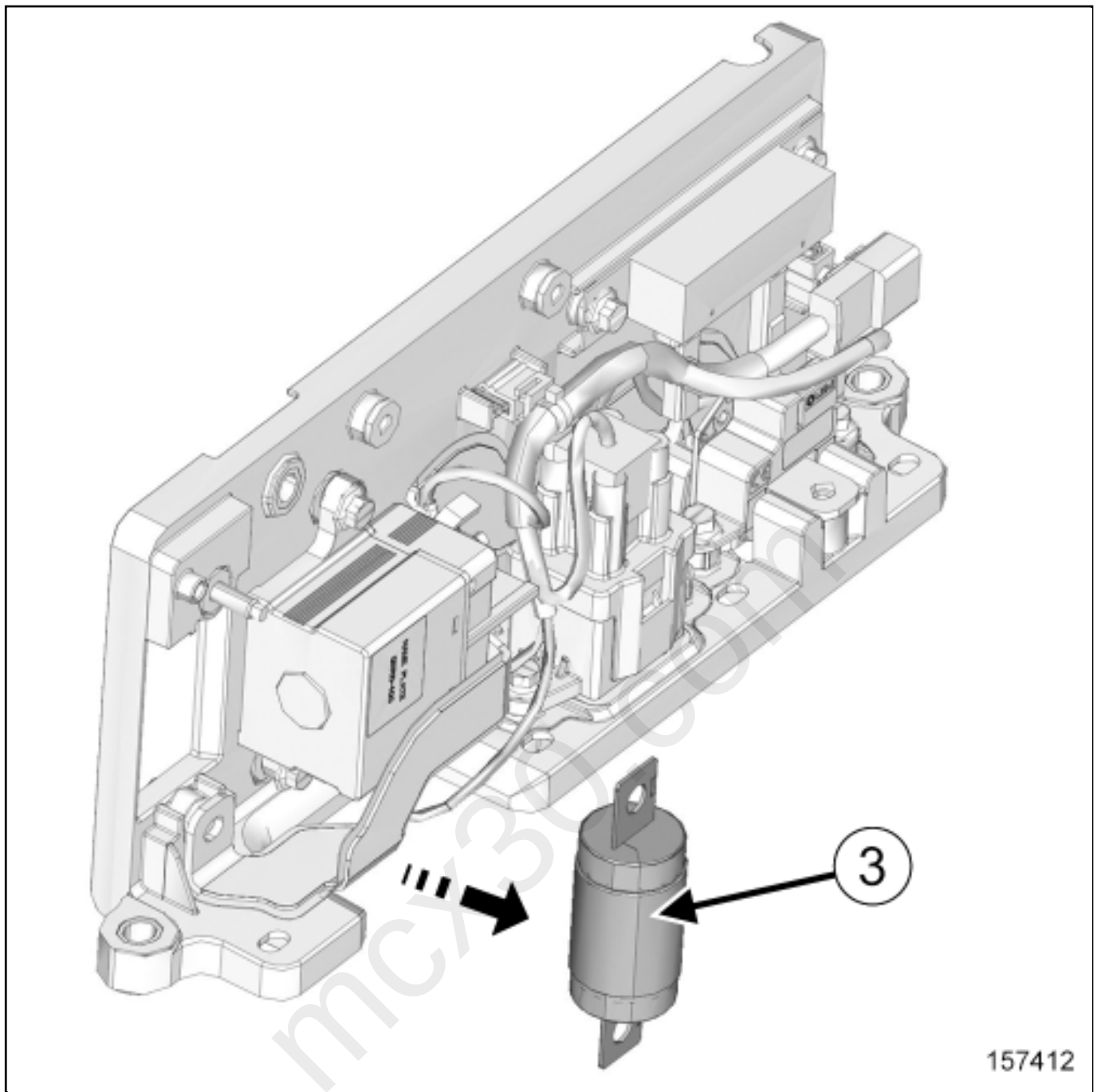
- ▣ Remove the traction battery upper cover ([see 19E, Traction battery, Traction battery housing assembly : Exploded view](#)) .



- Remove the traction battery internal junction box(1) ([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



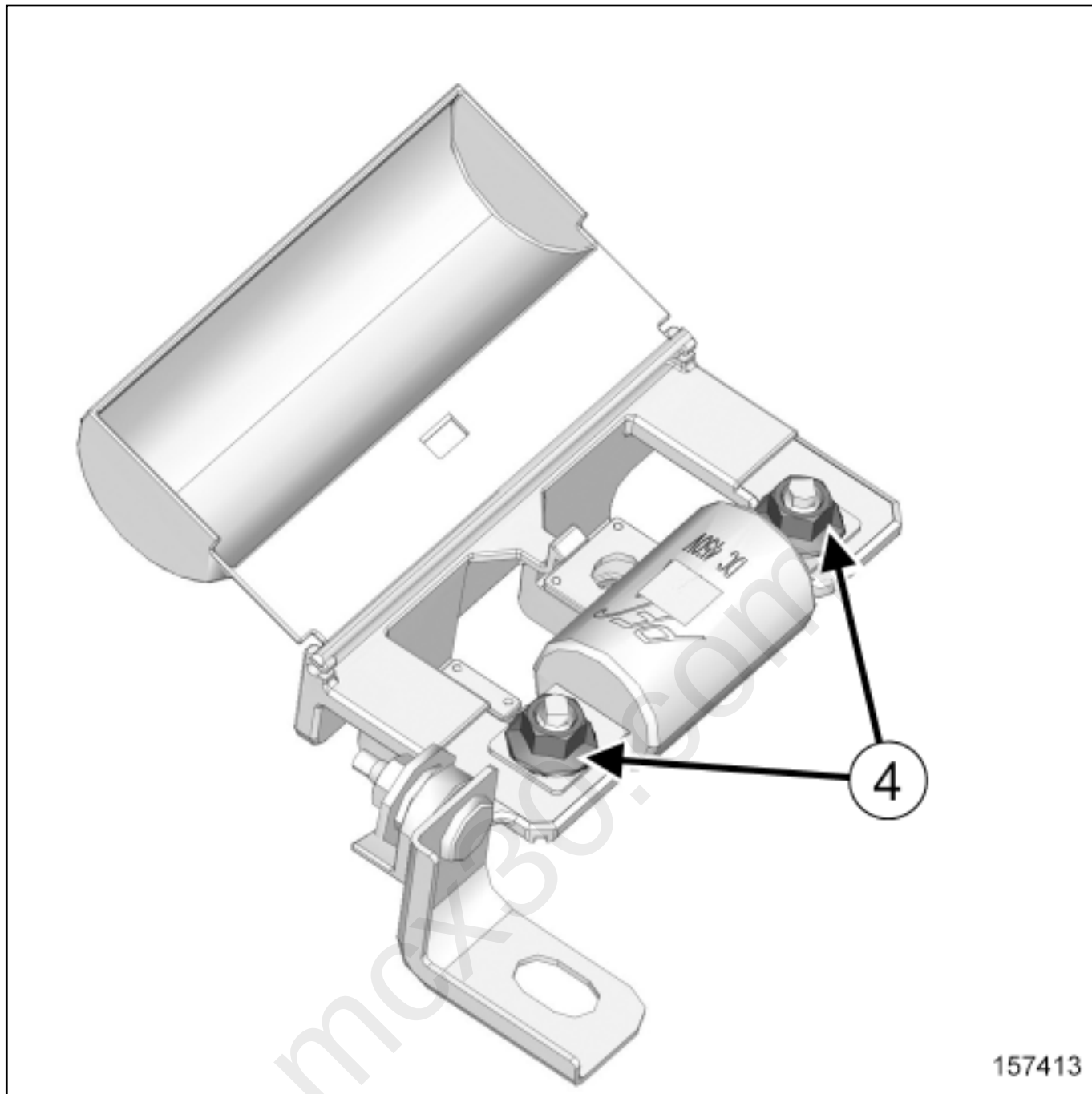
■ Remove the fuse connection screw(2) using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



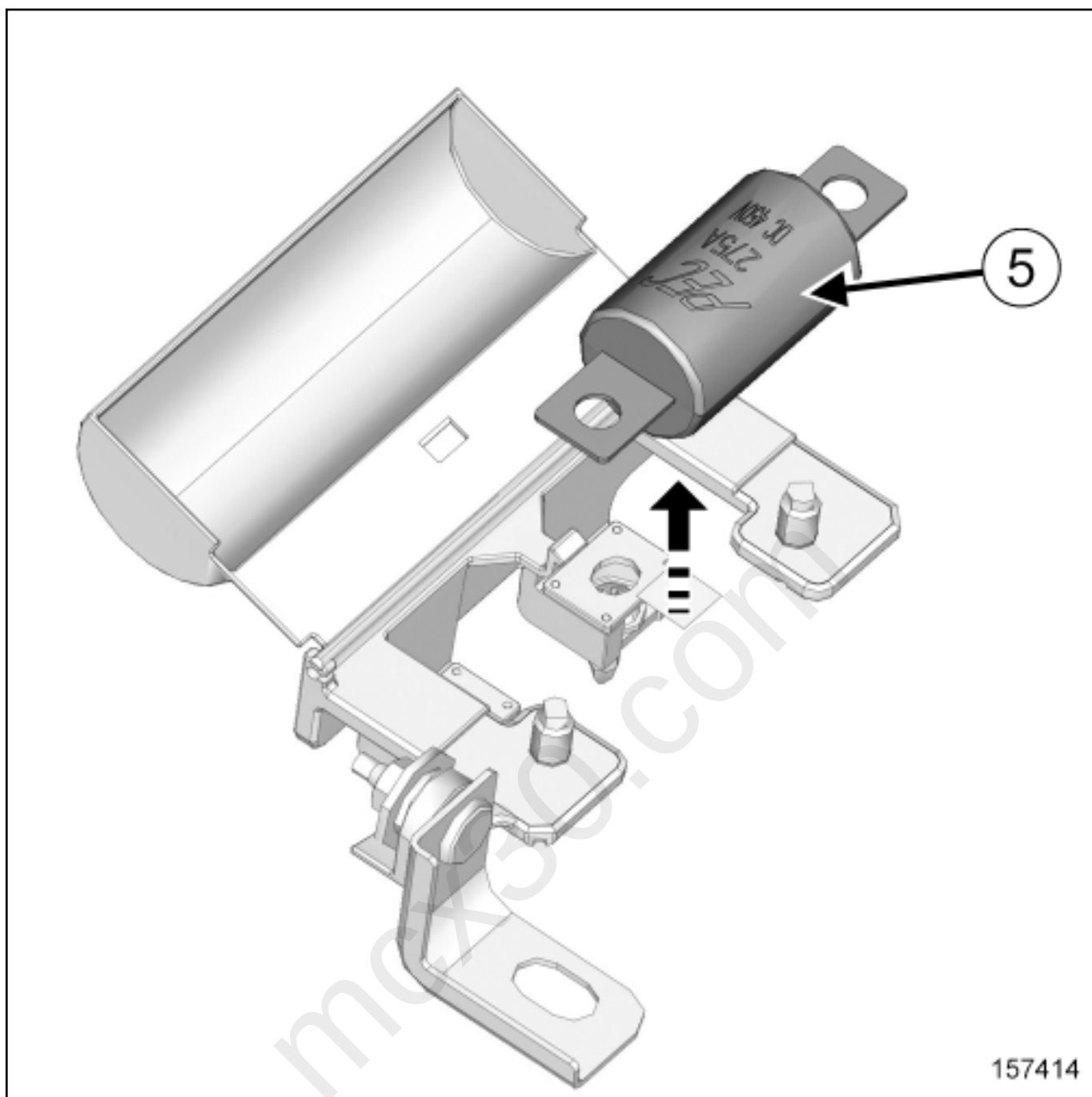
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■ Remove the main fuse(3) .

2. REMOVE THE INTER STACK FUSE



Remove the fuse between staks nuts(4) using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



Remove the fuse between staks(5) .

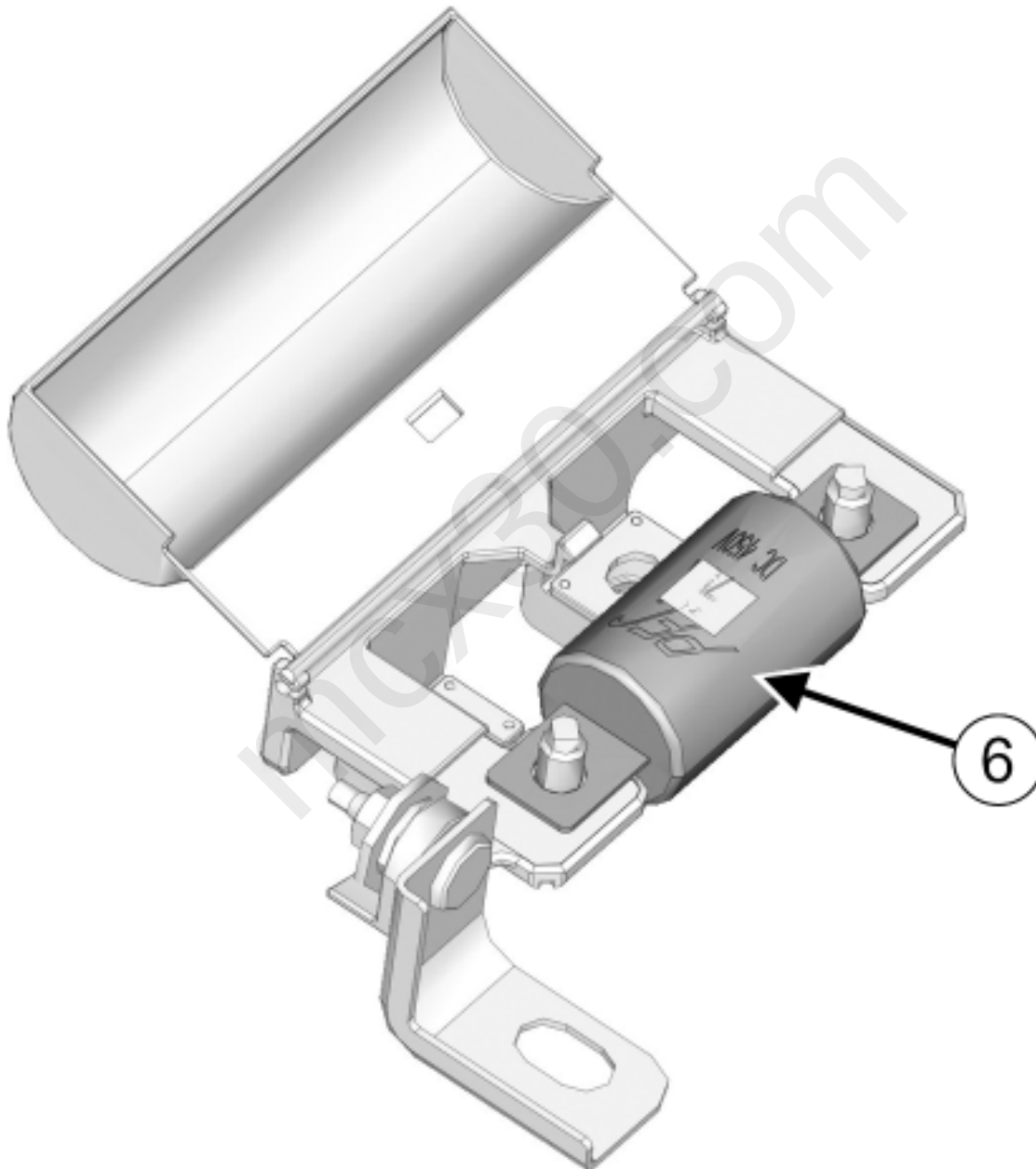
REFITTING

1. REFIT THE INTER STACK FUSE

Note:



Check the state of the bus bar and fuses terminals (no black marks, no corrosion, no trace of electrolisis, no tapping damages, no deformation of the contacts, no sign of break-age, or cracking on the plastic endings). Replace it in case of damage and analyse the origin.

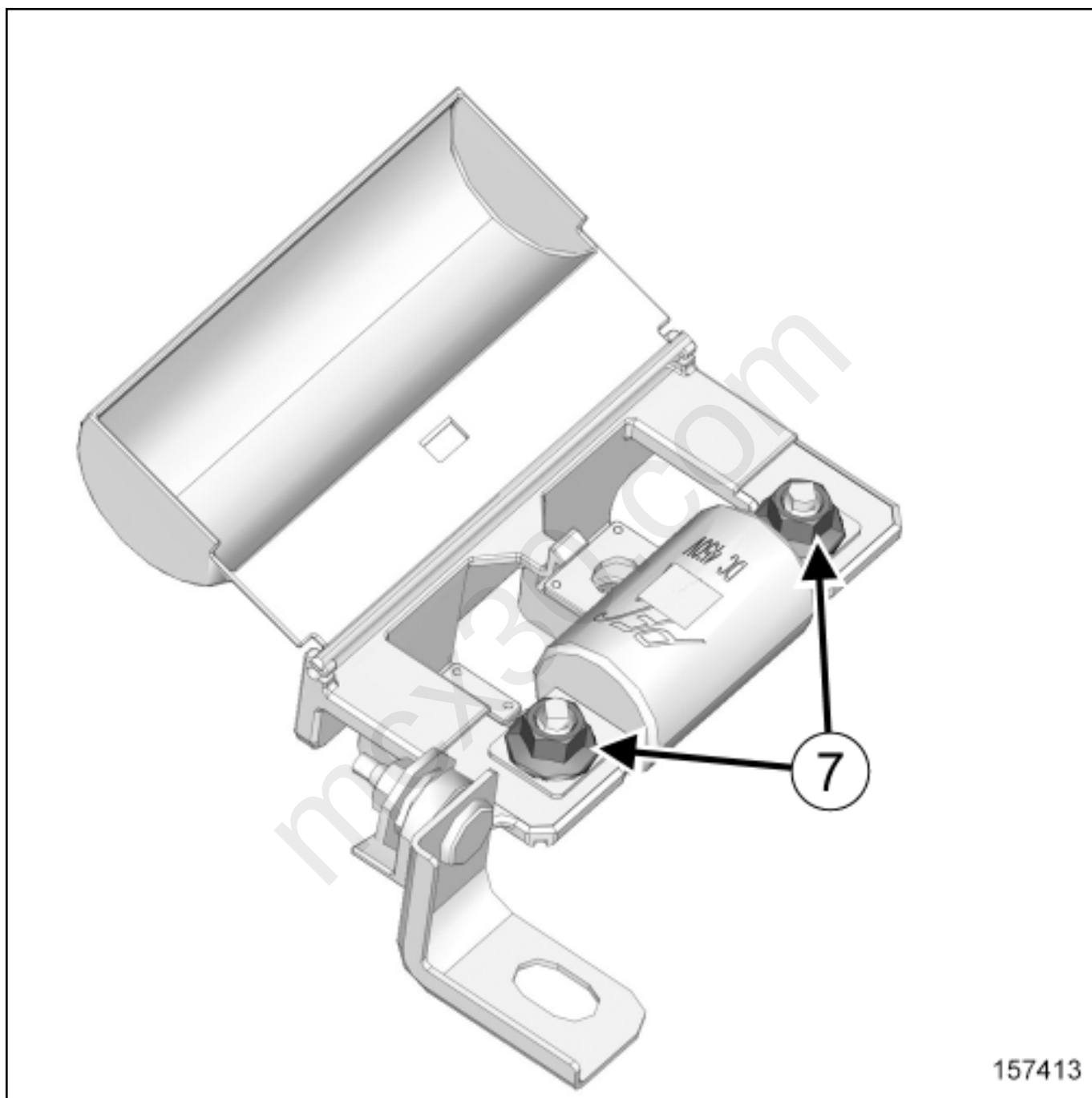


Refit the fuse between stacks(6) .



Note:

Upper mark.



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Refit the fuse between staks nuts(7) using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



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



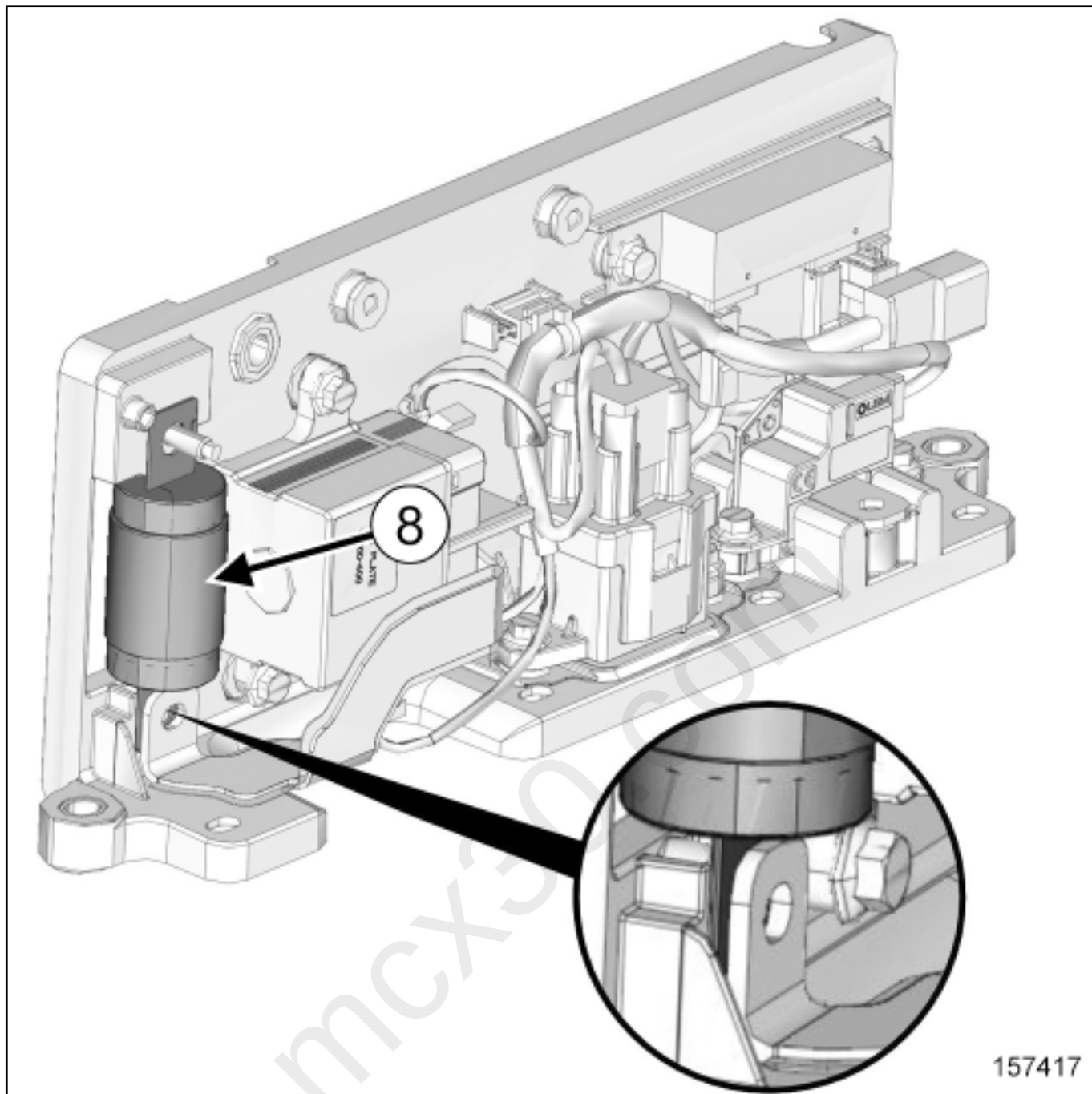
Mark always the nuts with a PAINT MARKER of a color different from the original.

2. REFIT THE JB INTERNAL FUSE

Note:



Check the state of the bus bar and fuses terminals (no black marks, no corrosion, no trace of electrolusis, no tapping damages, no deformation of the contacts, no sign of breakage, or cracking on the plastic endings). Replace it in case of damage and analyse the origin.



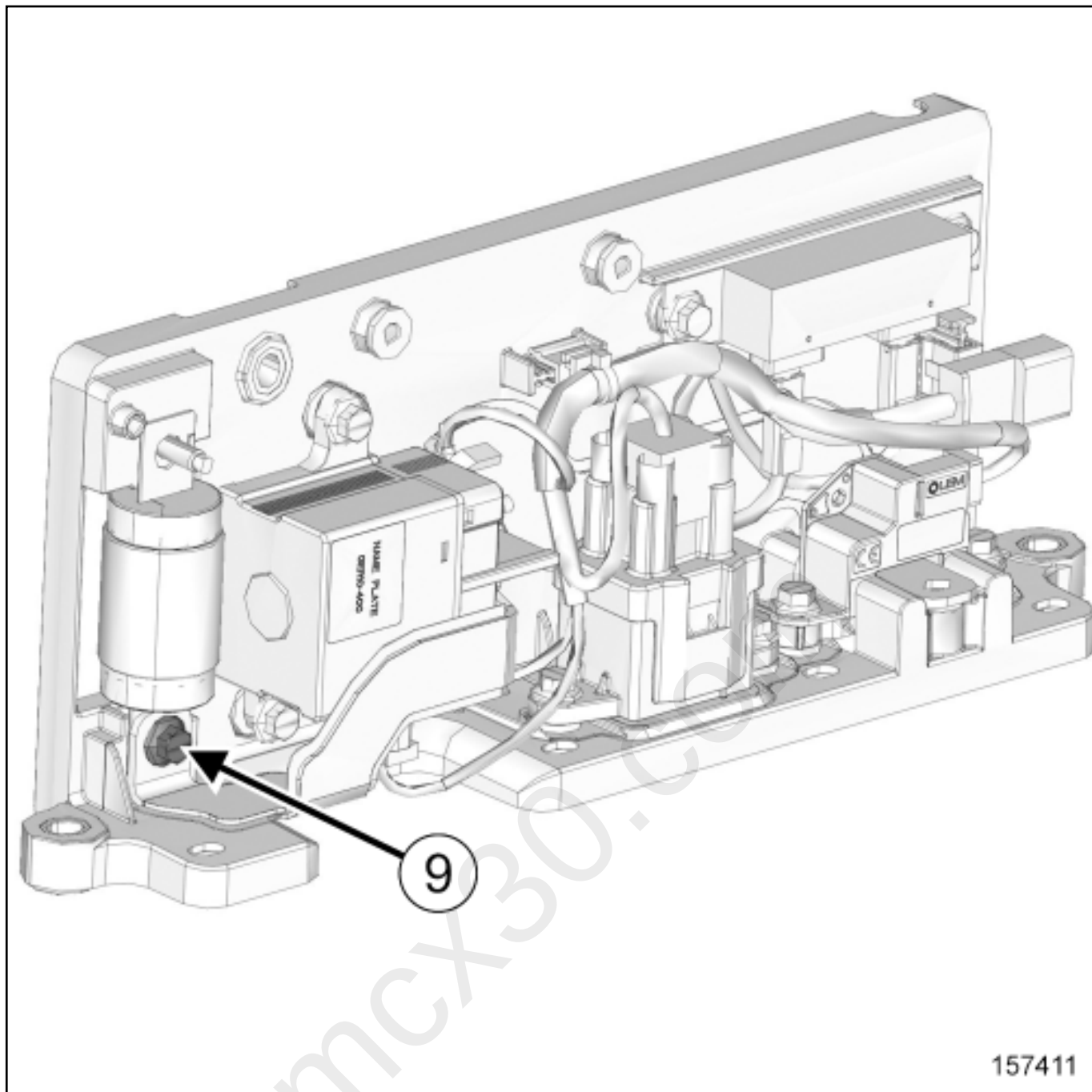
Refit the main fuse(8) .

Note:



upper mark.

Fit the fuse under the bus bar.



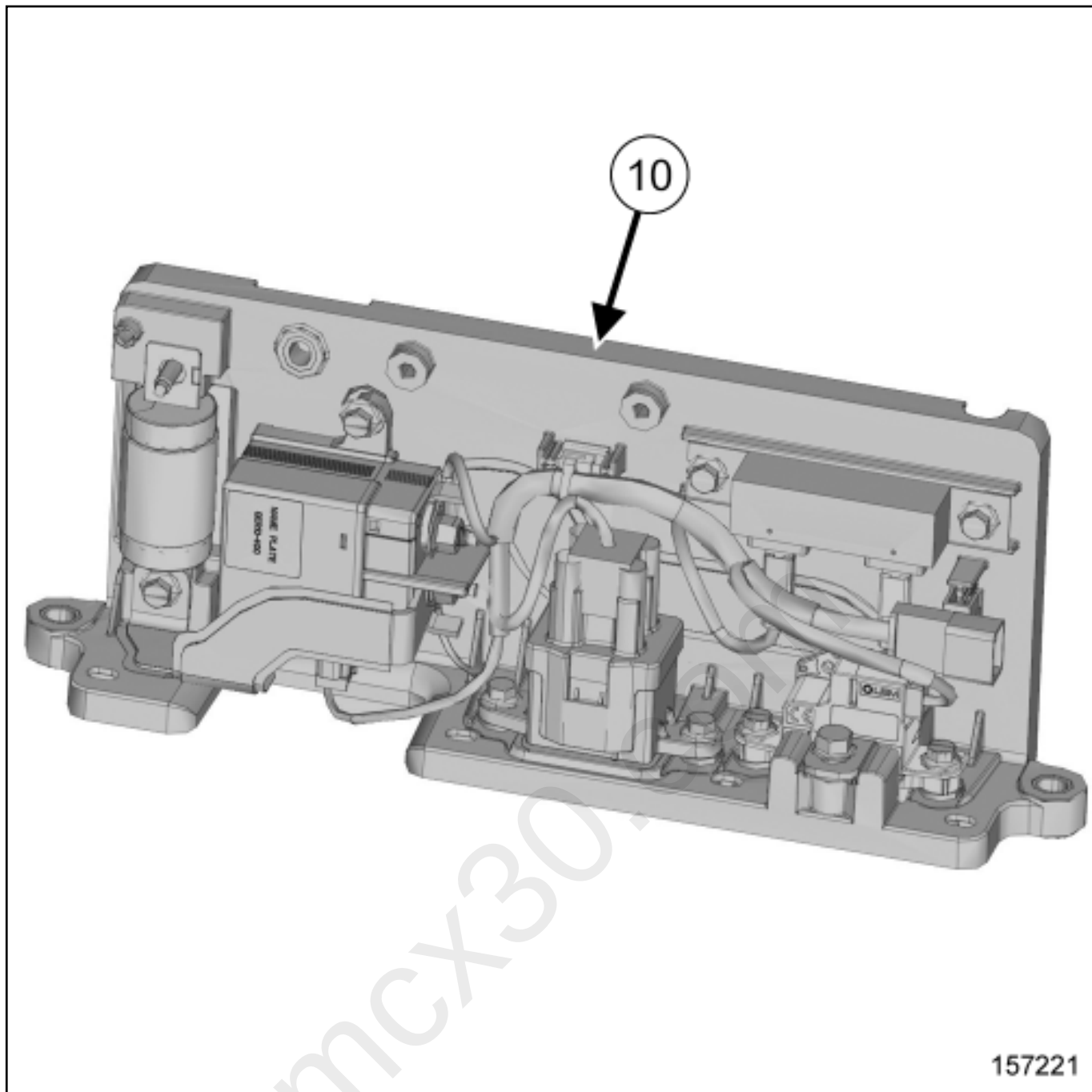
Refit the fuse connection screw(9) using an insulated magnetic socket([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



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



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



Refit the traction battery internal junction box(10) ([see 19E, Traction battery, Traction battery module stack assembly : Exploded view](#)) .



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

3. FINAL OPERATION



Proceed in the reverse order to removal.



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