

ELECTRIC VEHICLE CHARGER AND CONVERTER FUSE BOX : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Locations and specifications (tightening torques, parts always to be replaced, etc.)[\(see 17E, Power electronics, Electric vehicle charger and converter assembly : Exploded view\)](#) [\(see 17E, Power electronics, Electric powertrain assembly : Exploded view\)](#) .



CAUTION

- To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair :
 - (see **Electric vehicle power electronics : Precautions for the repair**) ,
 - [Vehicle: Precautions for the repair](#) .

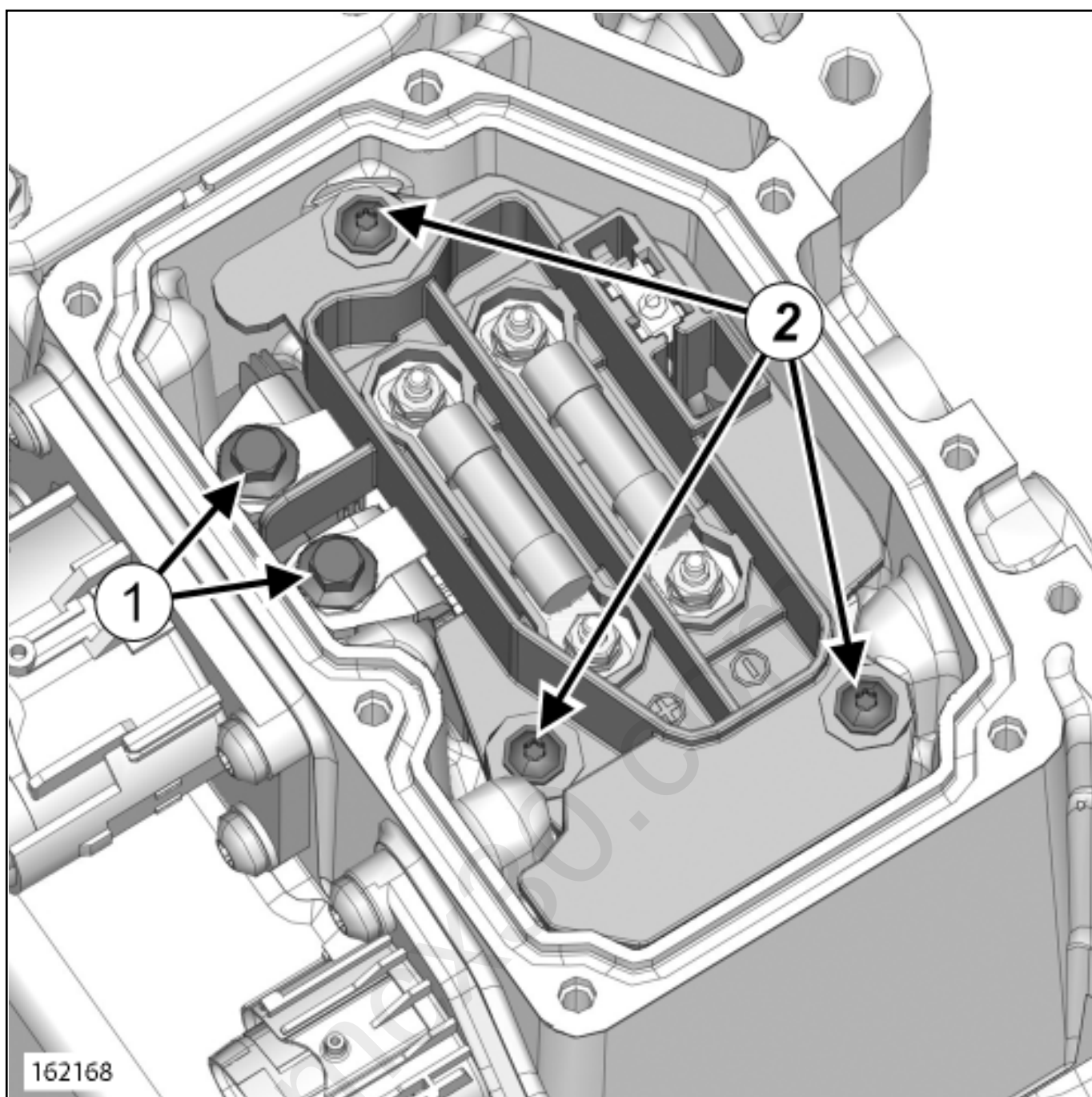
REMOVAL

1. REMOVAL PREPARATION OPERATION

- Remove the electric vehicle charger and converter[\(see 17E, Power electronics, Electric vehicle charger and converter: Removal - Refitting\)](#) .
- Remove the housing cover of electric vehicle charger and converter[\(see 17E, Power electronics, Electric vehicle charger and converter housings : Removal - Refitting\)](#) .
- Remove the upper bus bars[\(see 17E, Power electronics, Electric vehicle charger and converter high voltage bus bars : Removal - Refitting\)](#) .
- Remove the internal low voltage wiring[\(see 17E, Power electronics, Electric vehicle charger and converter internal wiring : Removal - Refitting\)](#) .

2. REMOVAL OPERATION

- Remove [\(see 17E, Power electronics, Electric powertrain assembly : Exploded view\)](#) :
 - the seven screws of the fuse flap,
 - the fuse flap,
 - the fuse flap seal.



■ Remove [\(see 17E, Power electronics, Electric vehicle charger and converter assembly : Exploded view\)](#) :

- the two connection screws(1) of the traction battery connector,
- the three fixation screws(2) of the fuse box,
- the fuse box.

■ Unclip the retaining clip of the heating connector wiring from the fuse box.

REFITTING

1. REFITTING PREPARATION OPERATION

- Part always to be replaced : the fuse flap seal.

2. REFITTING OPERATION

- Clip the retaining clip of the heating connector wiring on the fuse box.

- Refit [\(see 17E, Power electronics, Electric vehicle charger and converter assembly : Exploded view\)](#) :

- the fuse box,
- the three fixation screws of the fuse box,
- the two connection screws of the traction battery connector.

- Torque tighten [\(see 17E, Power electronics, Electric vehicle charger and converter assembly : Exploded view\)](#) :

- the three fixation screws of the fuse box,
- the two connection screws of the traction battery connector.

- Mark always the screws using a paint marker of a color different from the original.

- Refit [\(see 17E, Power electronics, Electric powertrain assembly : Exploded view\)](#) :

- the new fuse flap seal,
- the fuse flap,
- the seven screws of the fuse flap.

- Torque tighten the seven screws of the fuse flap [\(see 17E, Power electronics, Electric powertrain assembly : Removal - Refitting\)](#) .

- Mark always the screws using a paint marker of a color different from the original.

3. FINAL OPERATION

- Proceed in the reverse order to removal.



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