

WIRING BETWEEN TRACTION BATTERY AND ELECTRIC VEHICLE CHARGER AND CONVERTER : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



WARNING



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

- [\(see 88A, Wiring harness, Wiring: Precautions for the repair\)](#) ,
- [Vehicle: Precautions for the repair](#) .

CAUTION



To prevent contamination of disconnected connectors and sockets, hermetically seal the connectors and sockets using a plastic bag and a securing clip. For traction battery sockets, use traction battery caps [Vehicle: Parts and consumables for the repair](#) .

CAUTION



To prevent damage to the wiring harness when refitting, observe the original routing.

REMOVAL

1. REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift [Vehicle: Towing and lifting](#) .

WARNING

DANGER: HIGH VOLTAGE VEHICLE.

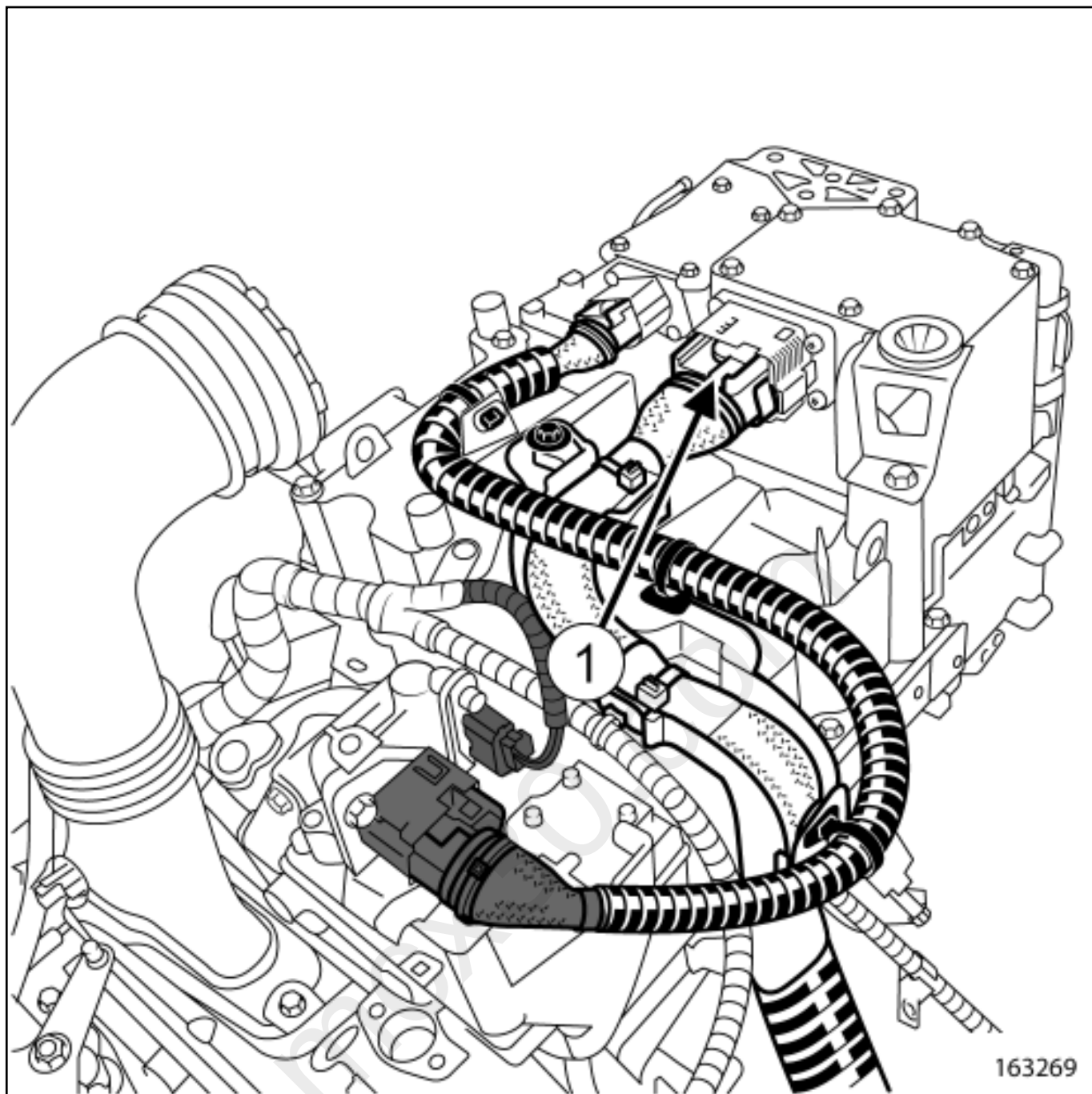


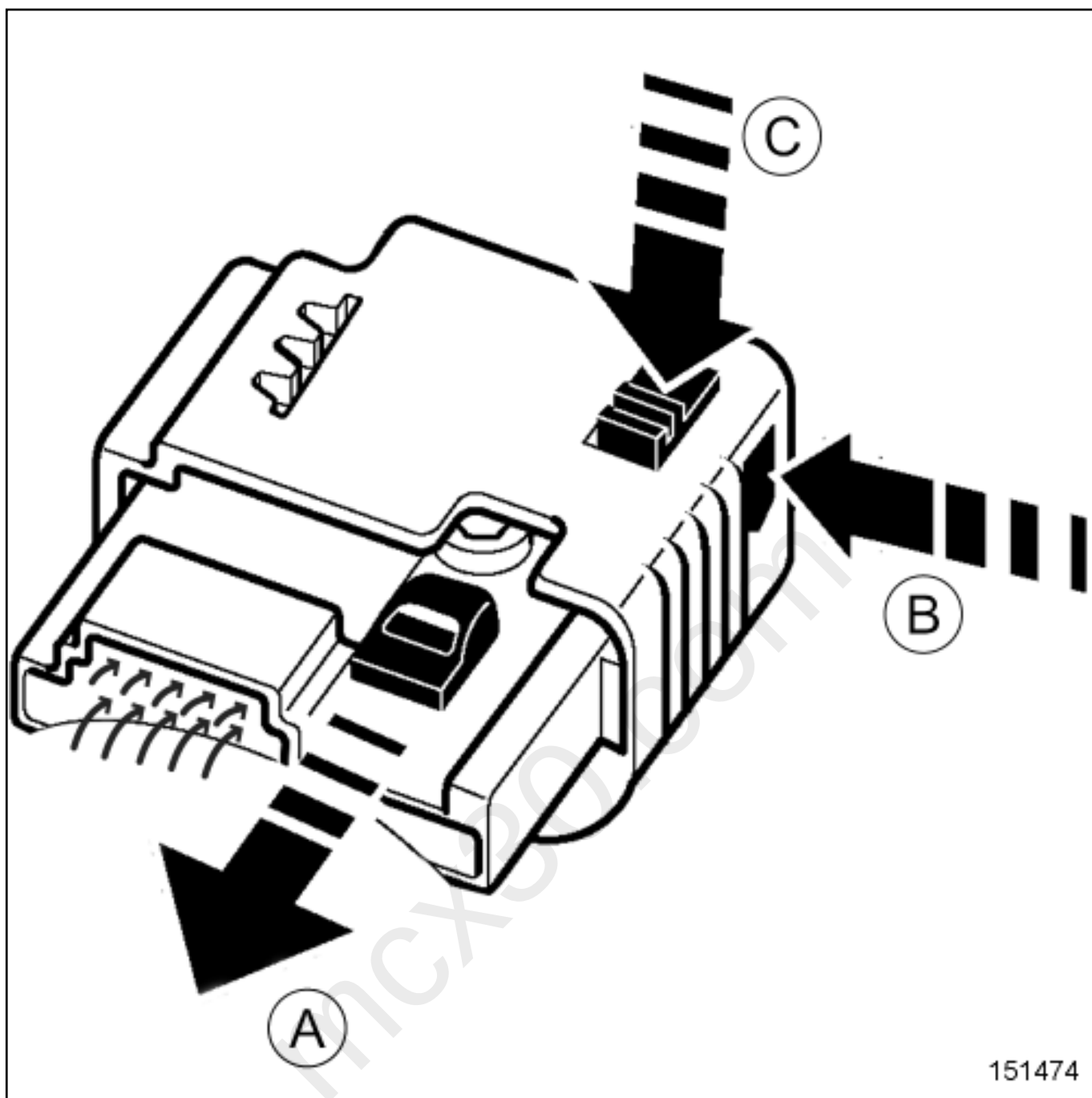
Risks of serious burns or electric shocks that may prove fatal.

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 [Vehicle: Precautions for the repair](#) .

- ❑ Lockout the vehicle [Vehicle: Lockout - Removal of lockout](#) .
- ❑ Remove the electric traction motor fan assembly [Electric traction motor fan assembly : Removal - Refitting](#) .

2. REMOVAL OPERATION

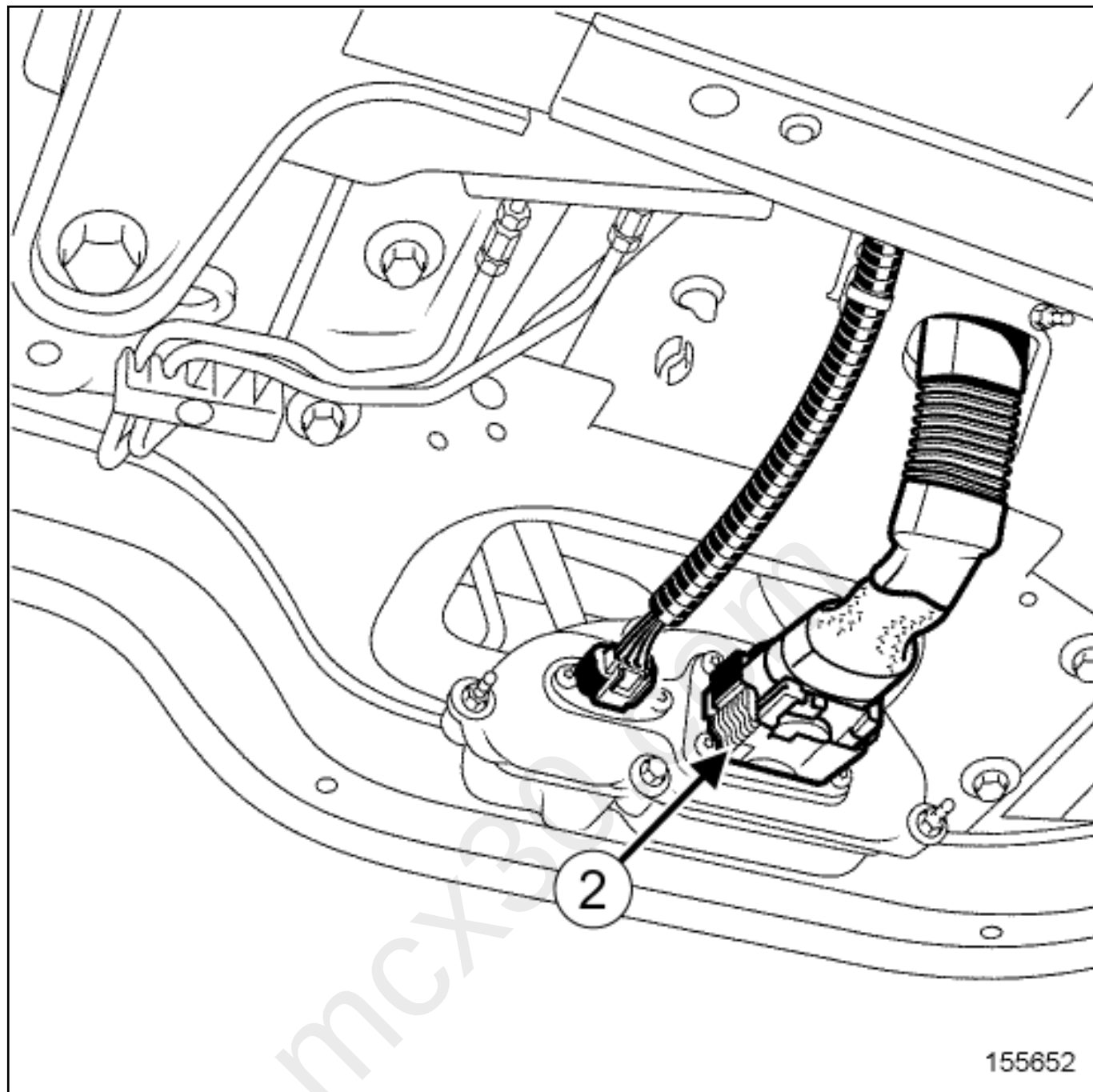


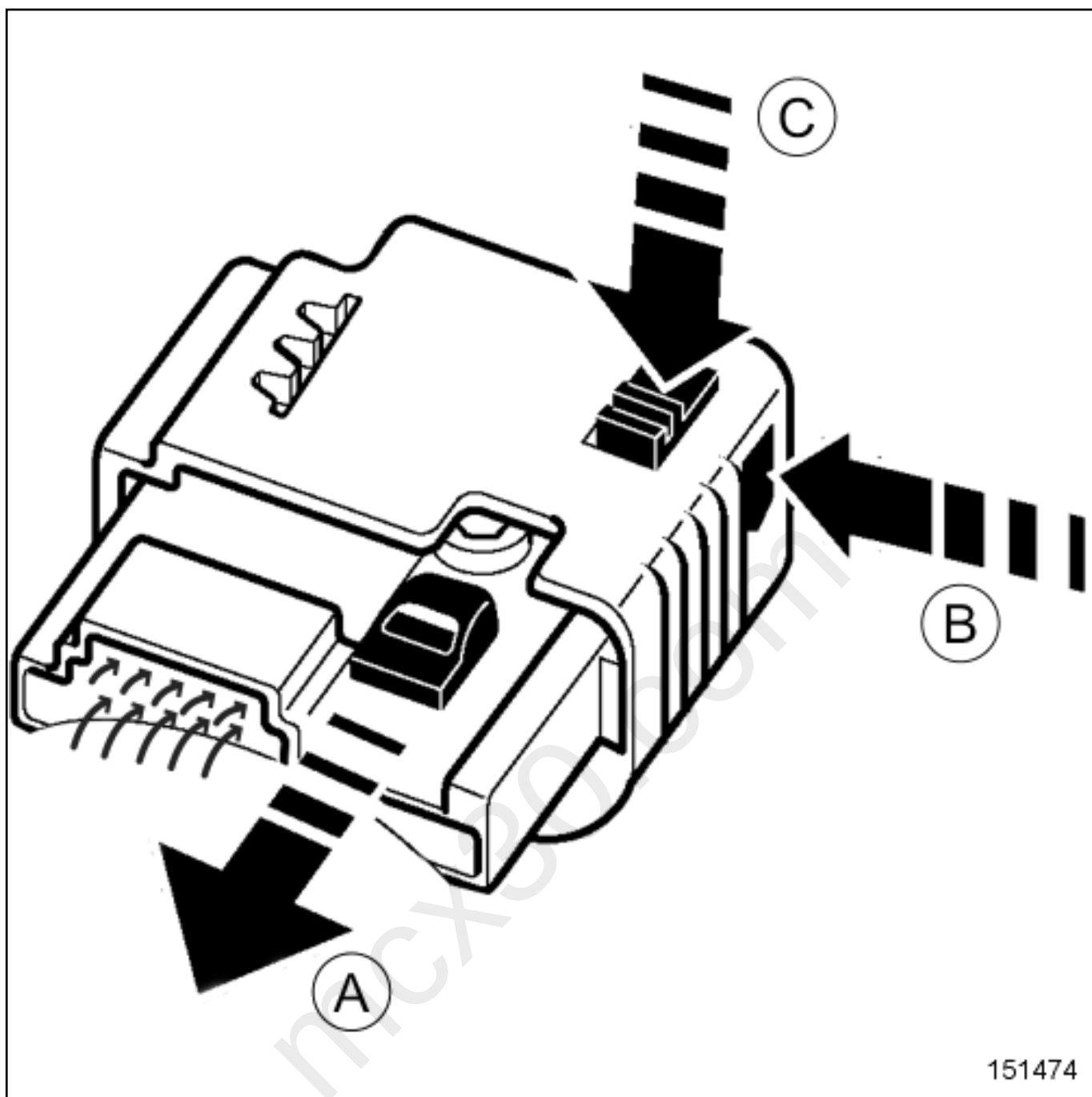


■ Disconnect the traction battery connector(1) from the electric vehicle charger and converter by following the step specified by the arrows(A) , (B) , (C) .

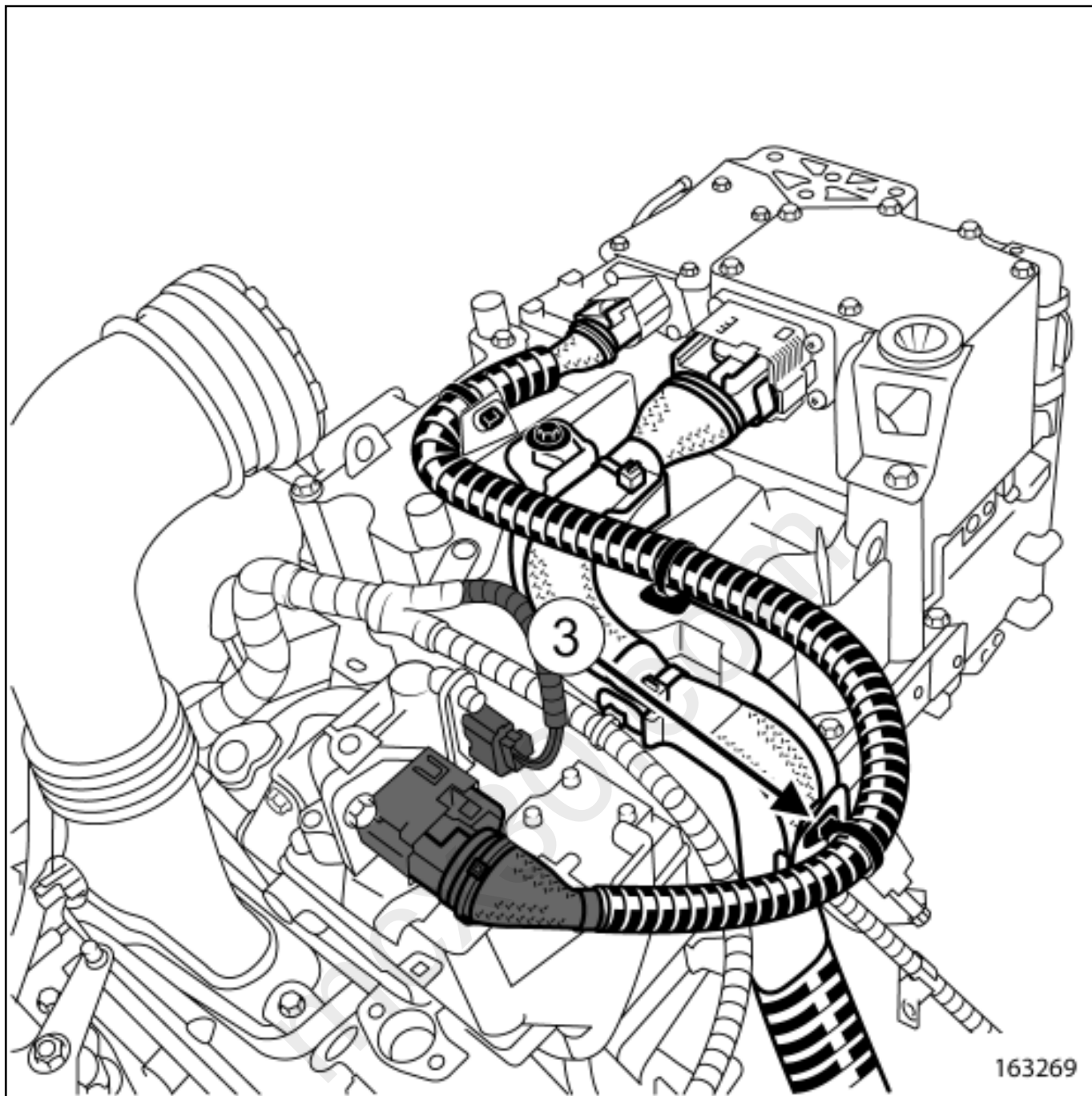
■ Remove Traction battery assembly: Exploded view :

- the traction battery front protective housing bolts,
- the traction battery front protective housing clips,
- the traction battery front protective housing,
- the traction battery wiring protective housing bolts,
- the traction battery wiring protective housing.

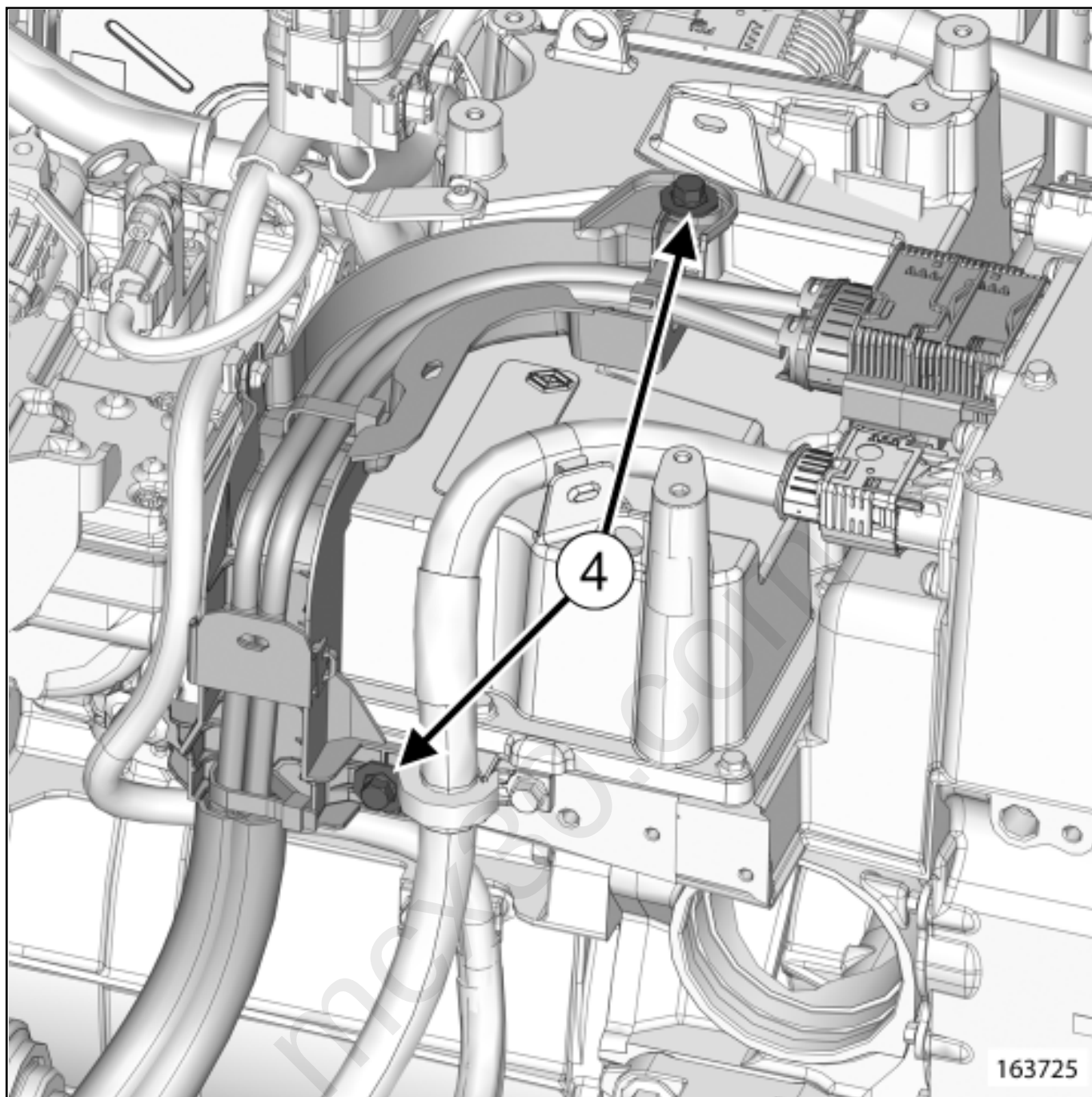




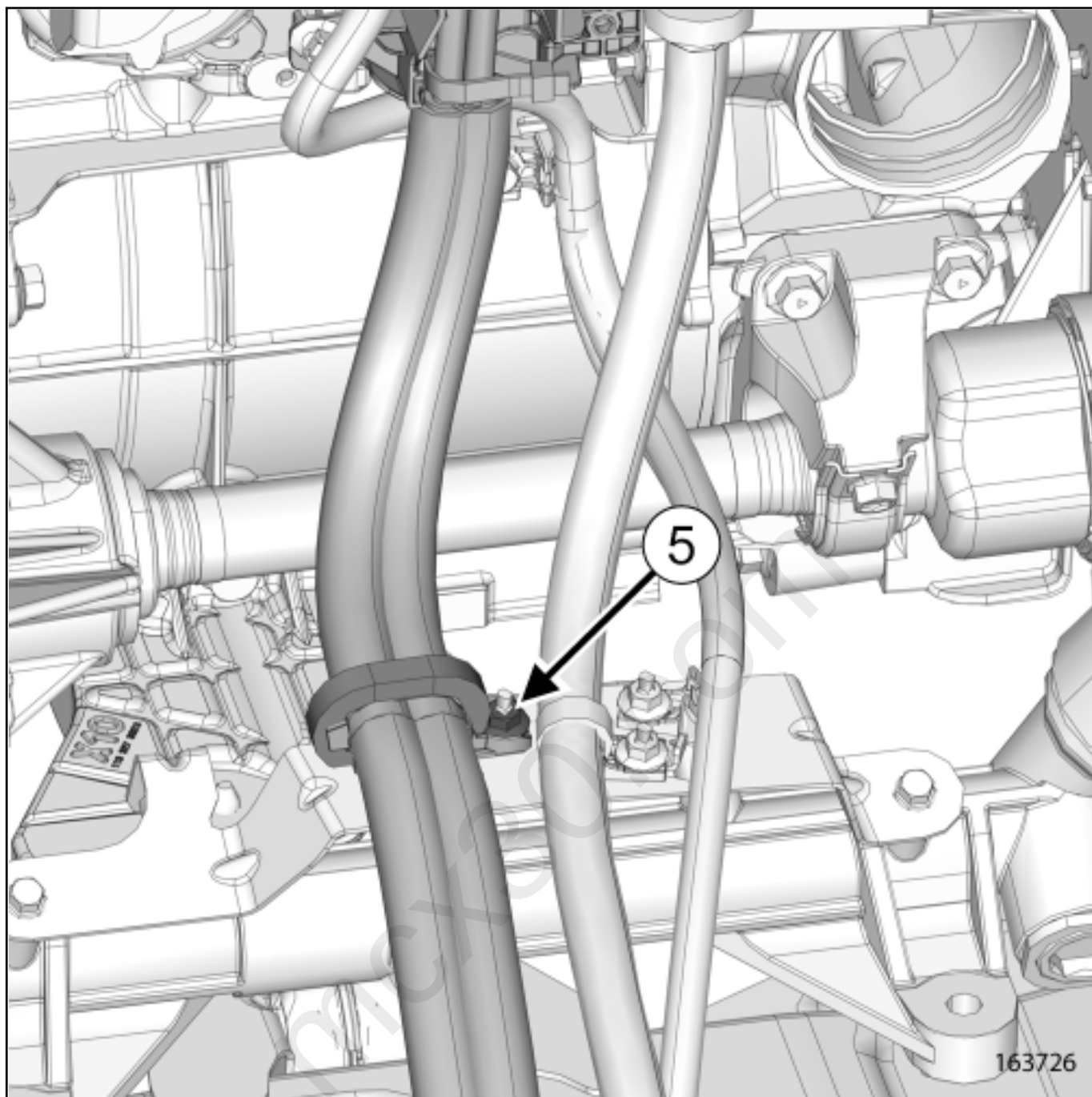
Disconnect from the traction battery the traction battery connector(2) by following the steps specified by the arrows(A) , (B) and (C) .



Unclip the wiring between the compressor and the electric vehicle charger and converter at(3) .



Remove the wiring channel screws(4) .



Remove the screw(5) of the wiring between traction battery and the electric vehicle charger and converter .



Remove the wiring between traction battery and the electric vehicle charger and converter .

1. REFITTING PREPARATION OPERATION



If the wiring between traction battery and electric vehicle charger is damaged, it must be replaced.

2. REFITTING OPERATION



Proceed in the reverse order to removal.



Remove the lockout of the vehicle [Vehicle: Lockout - Removal of lockout](#) .



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