

ELECTRIC TRACTION MOTOR FAN ASSEMBLY : REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Locations and specifications (tightening torques, parts always to be replaced, etc.) [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 :

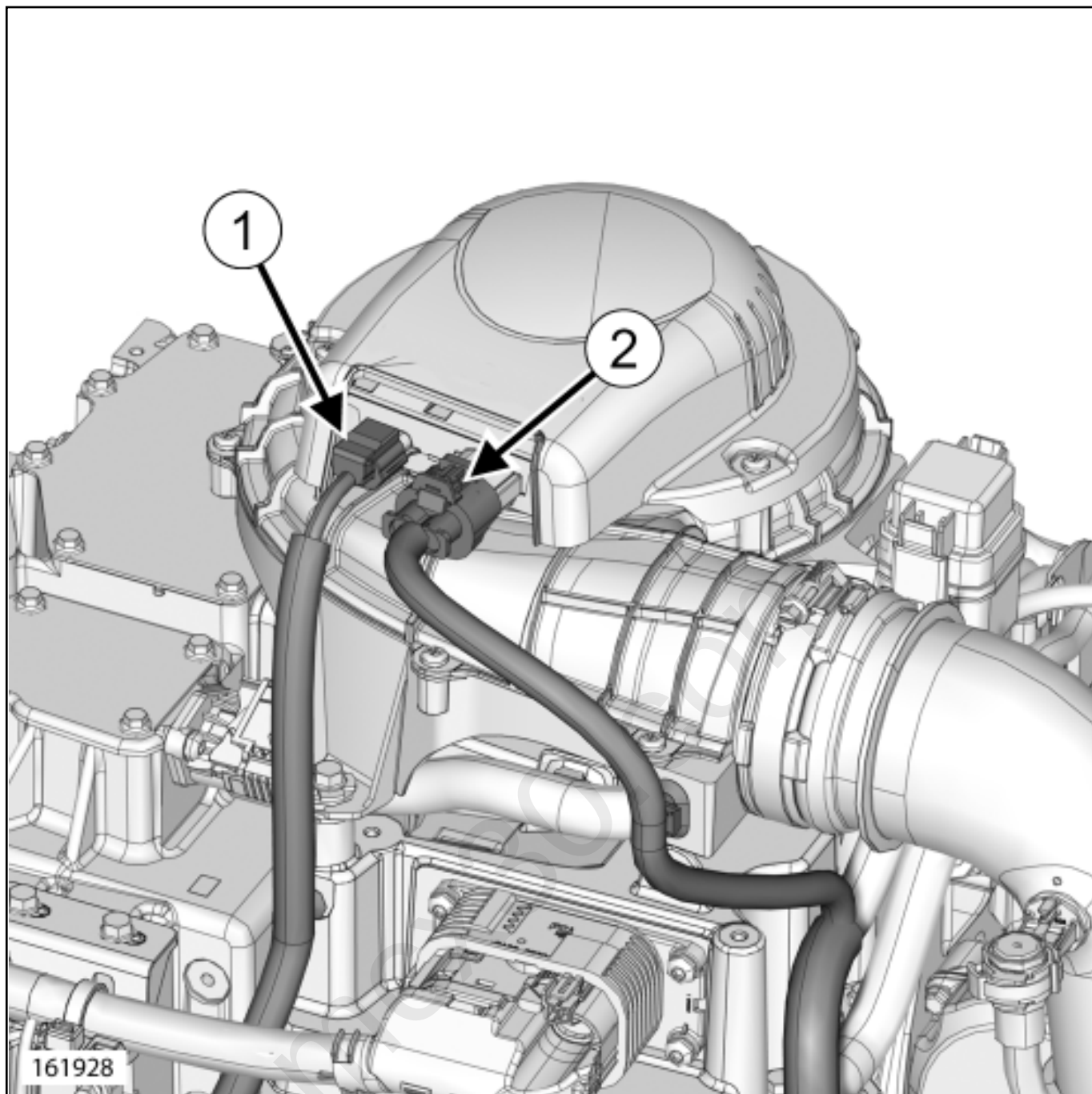
- (see **Electric vehicle power electronics : Precautions for the repair**) ,
- [Vehicle: Precautions for the repair](#) .

REMOVAL

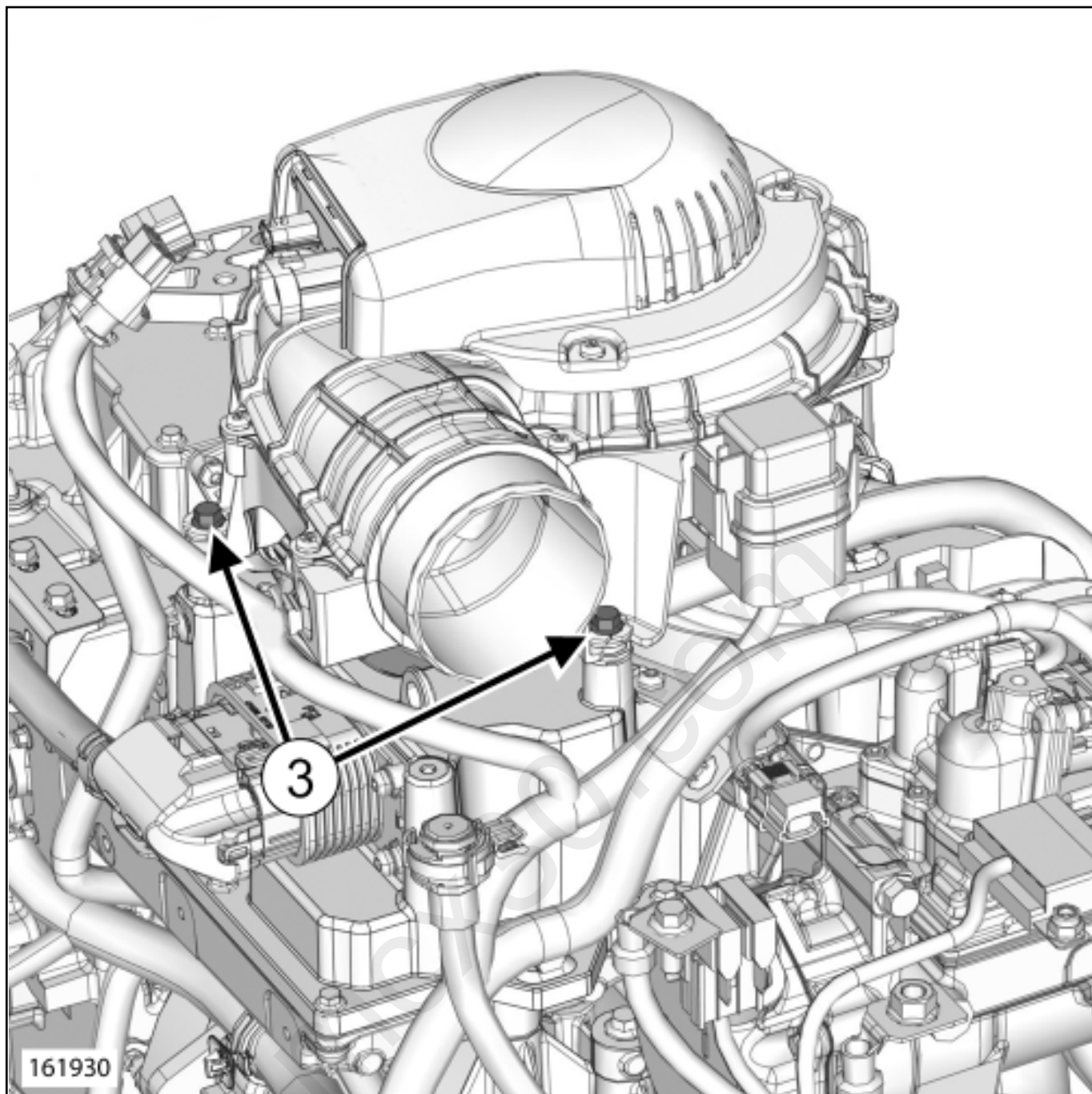
1. REMOVAL PREPARATION OPERATION

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

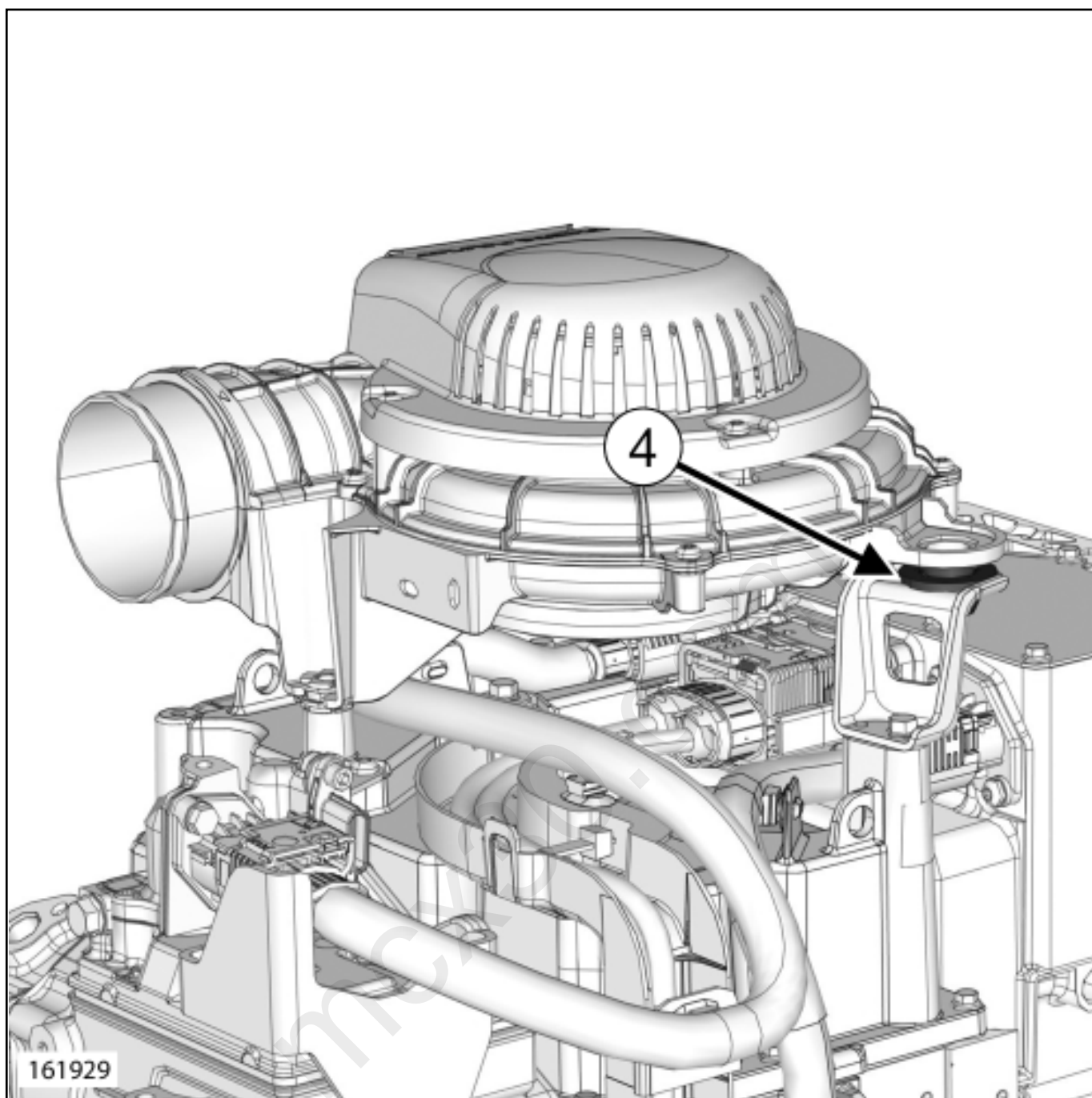
2. REMOVAL OPERATION



- Disconnect from the electric traction motor fan assembly :
 - the electric traction motor signal wiring connector(1) ,
 - the motor wiring connector(2) .
- Loosen the hose clamp of the front air distribution duct.
- Disconnect the front air distribution duct from the electric traction motor fan assembly.
- Move aside the front air distribution duct.



■ Remove the electric traction motor fan assembly screws(3) .



■ Unclip the centring pins(4) of the electric traction motor fan assembly.

■ Remove the electric traction motor fan assembly.

REFITTING

1. REFITTING OPERATION

■ Refit the electric traction motor fan assembly.

- Clip the centring pins of the electric traction motor fan assembly.
- Refit the electric traction motor fan assembly screws.
- Torque tighten the electric traction motor fan assembly screws([see 10B, Electric machine , Traction motor assembly: Exploded view](#)) .
- Mark always the screws with a paint marker of a color different from the original.

2. FINAL OPERATION

- Proceed in the reverse order to removal.



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