

ELECTRIC TRACTION REDUCTION GEARING CONTROL CABLE : 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:

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

Location and specifications (tightening torques, parts always replaced, etc.)[\(see 37A, Mechanical component controls, Gear control assembly: Exploded view\)](#) .

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](#) .

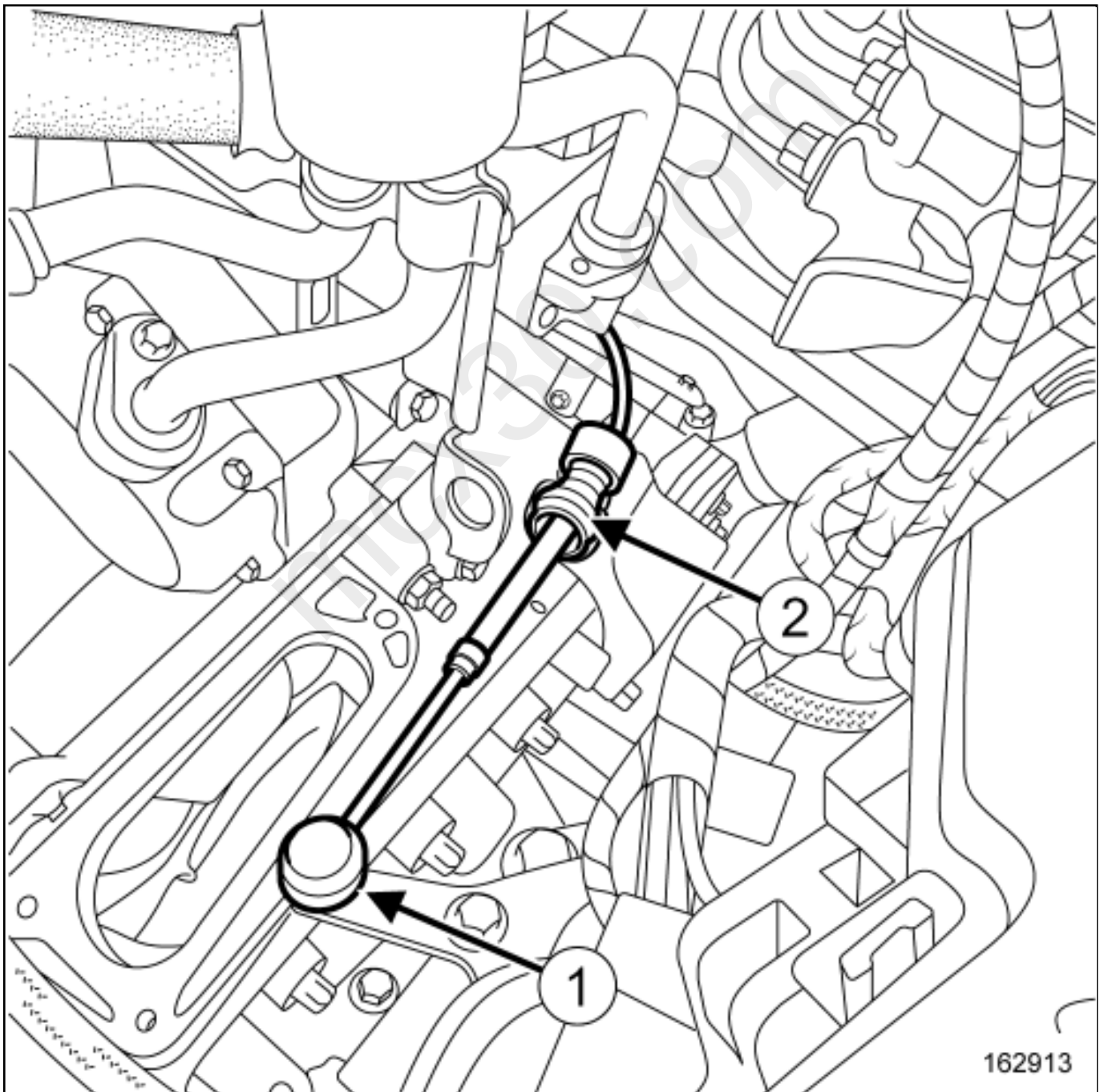
■ Lockout the vehicle [Vehicle: Lockout - Removal of lockout](#) .

■ Remove the engine undertray.

■ Remove the 12V battery [Battery: Removal - Refitting](#) .

- Remove the 12V battery tray [Battery tray: Removal - Refitting](#) .
- Position the vehicle in the D position at the shift level.
- Remove the centre console.
- Remove the electric traction reduction gearing control unit ([see 37A, Mechanical component controls, Gear control assembly: Exploded view](#)) .

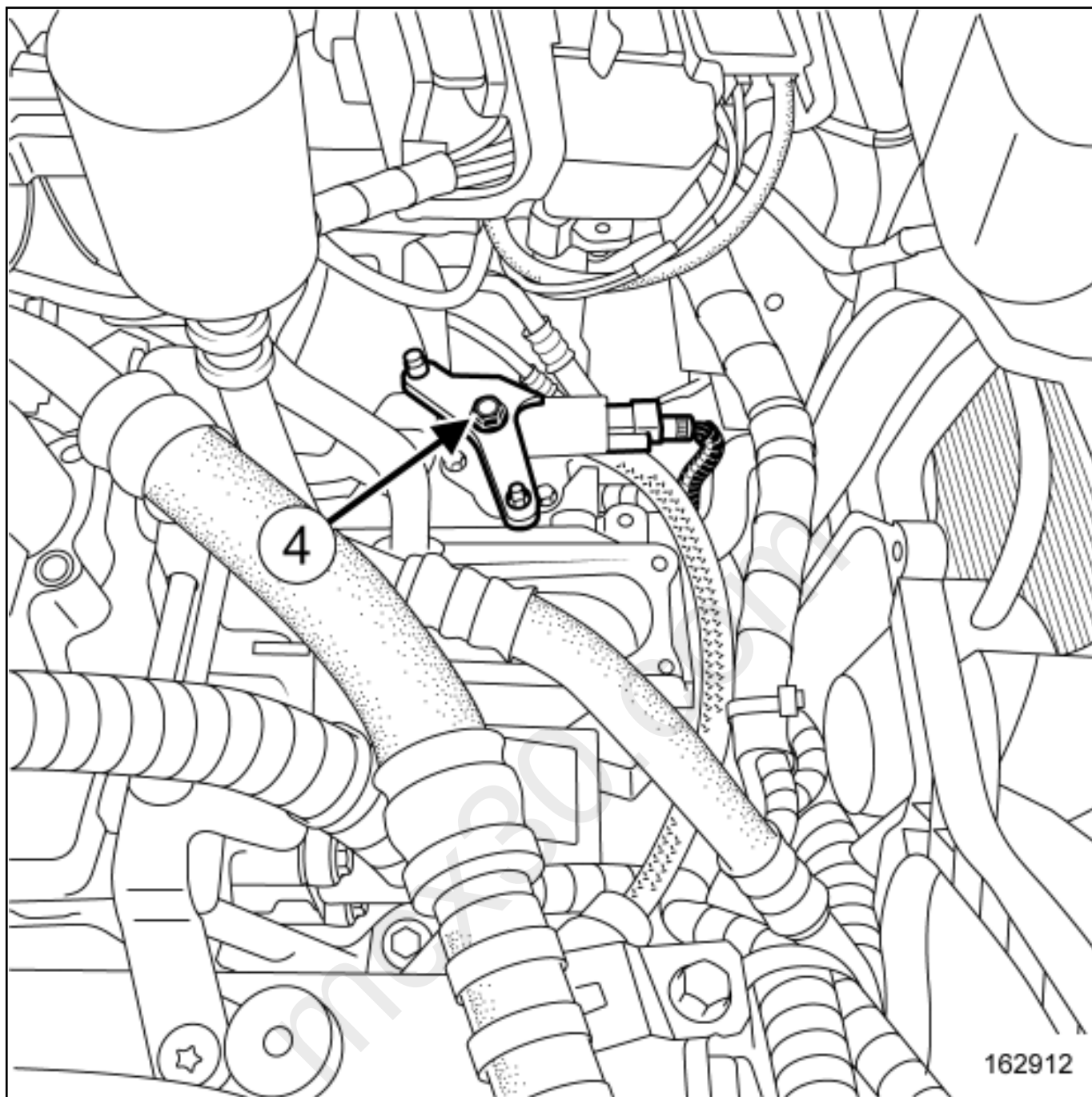
2. REMOVING OPERATION



- Unclip the anchoring ball joint(1) using an open-jawed spanner.
- Unclip the sheath stop from the electric traction reduction gearing control cable:
 - by pressing the tab(2) ,
 - by pulling the electric traction reduction gearing control cable.
- Remove [\(see 37A, Mechanical component controls, Gear control assembly: Exploded view\)](#) :
 - the electric traction reduction gearing control cable stop screw,
 - the electric traction reduction gearing control cable stop,
 - the tunnel seal screws,
 - the electric traction reduction gearing control cable.

REFITTING

1. REFITTING PREPARATION OPERATION



- Put the electric traction reduction gearing lever(4) in position D.

2. REFITTING OPERATION

- Refit [\(see 37A, Mechanical component controls, Gear control assembly: Exploded view\)](#) :
 - the electric traction reduction gearing control cable,
 - the tunnel seal screws.
- Torque tighten the tunnel seal screws[\(see 37A, Mechanical component controls, Gear control assembly:](#)

[Exploded view](#)).

- Refit [\(see 37A, Mechanical component controls, Gear control assembly: Exploded view\)](#) :
 - the electric traction reduction gearing control cable stop,
 - the electric traction reduction gearing control cable stop screw.
- Torque tighten the electric traction reduction gearing control cable stop screw. [\(see 37A, Mechanical component controls, Gear control assembly: Exploded view\)](#) .
- Clip the sheath stop from the electric traction reduction gearing control cable.
- Clip the anchoring ball joint.
- Adjust the electric traction reduction gearing control cable [\(see 37A, Mechanical component controls, Electric traction reduction gearing control cable : Adjustment\)](#) .
- Check that the system is operating correctly.
- Proceed in the reverse order to removal.
- Remove the lockout of the vehicle [Vehicle: Lockout - Removal of lockout](#) .



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