

Lower the gear control unit so that it is resting on the exhaust.

Remove the gear control unit by feeding it out between the exhaust and the tunnel.

REFITTING

1. REFITTING OPERATION

Proceed in the reverse order to removal.

Torque tighten:

the control unit bolts 21 N.m.

the exhaust pipe bolts on the catalytic converter [Exhaust assembly under body: Exploded view](#) .

Adjust the gear control unit ([see 37A, Mechanical component controls, Gear control unit: Adjustment](#)) .



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XSL version : 3.02 du 22/07/11

GEAR ENGAGED SENSOR: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Equipment required

Diagnostic tool



WARNING

Before carrying out any operation on a vehicle fitted with the Stop & Start system, always follow the safety instructions [Vehicle: Precautions for the repair](#) .



WARNING

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

- [Automatic gearbox: Precautions for the repair](#) ,
- [Vehicle: Precautions for the repair](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION



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



Remove:



the battery [Battery: Removal - Refitting](#) ,



the battery tray [Battery tray: Removal - Refitting](#) .

2. REMOVAL OPERATION



Note:

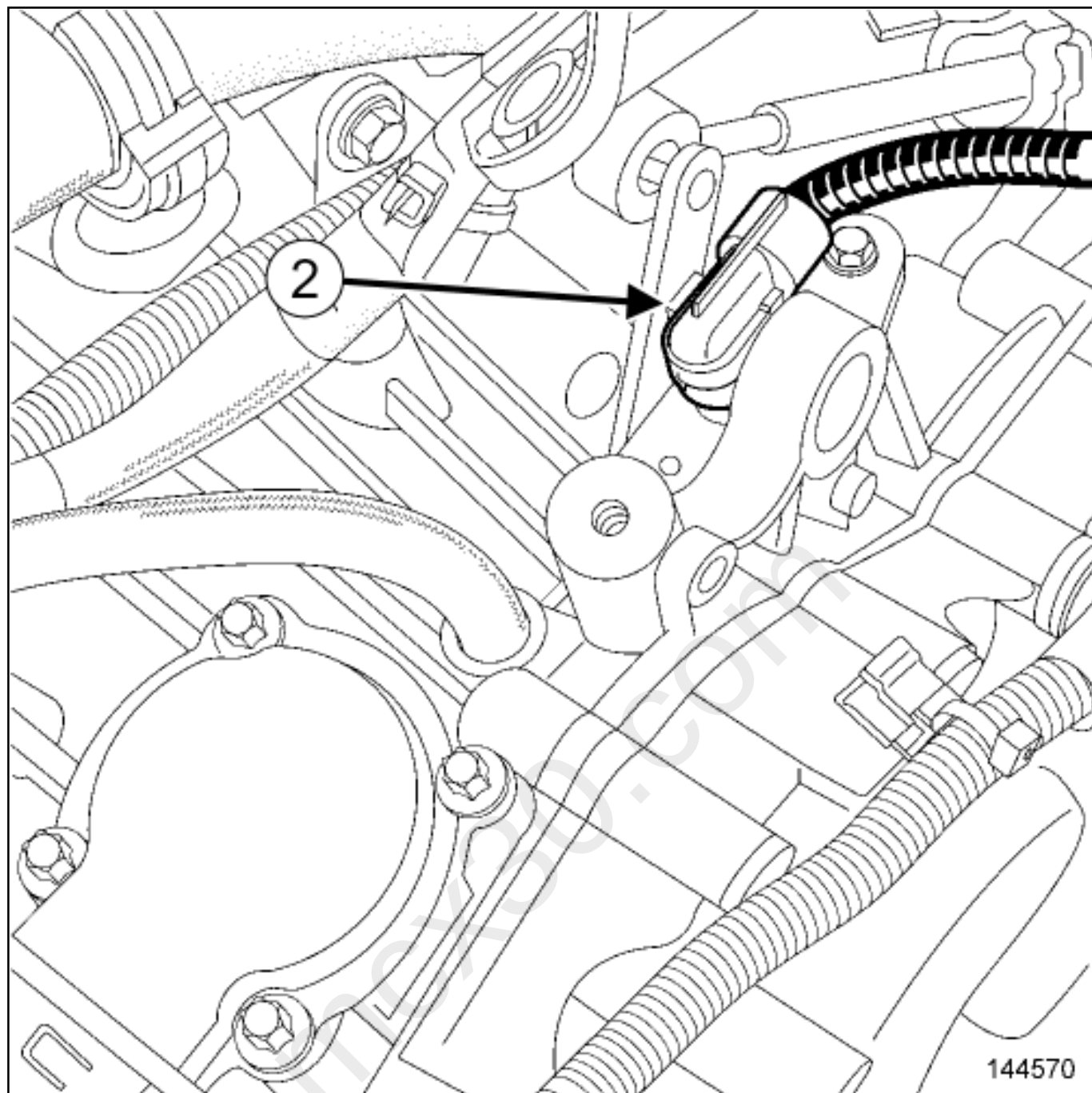
The connector has a locking system.

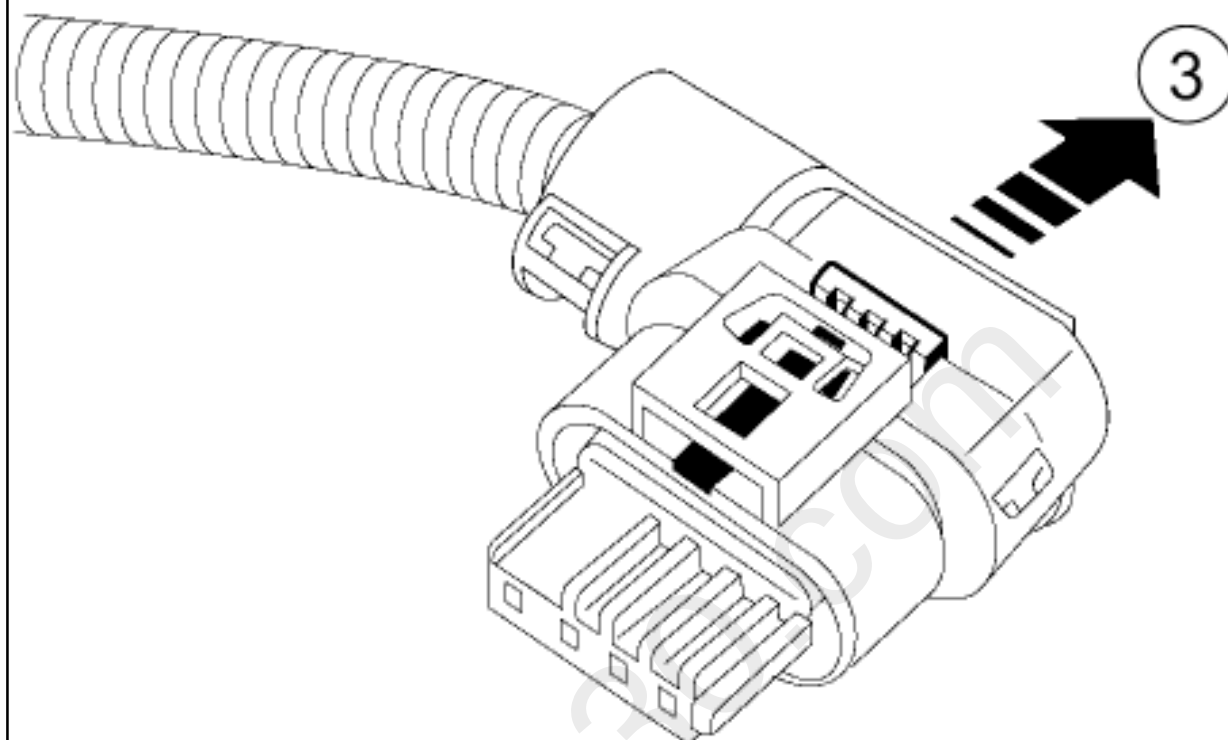


CAUTION

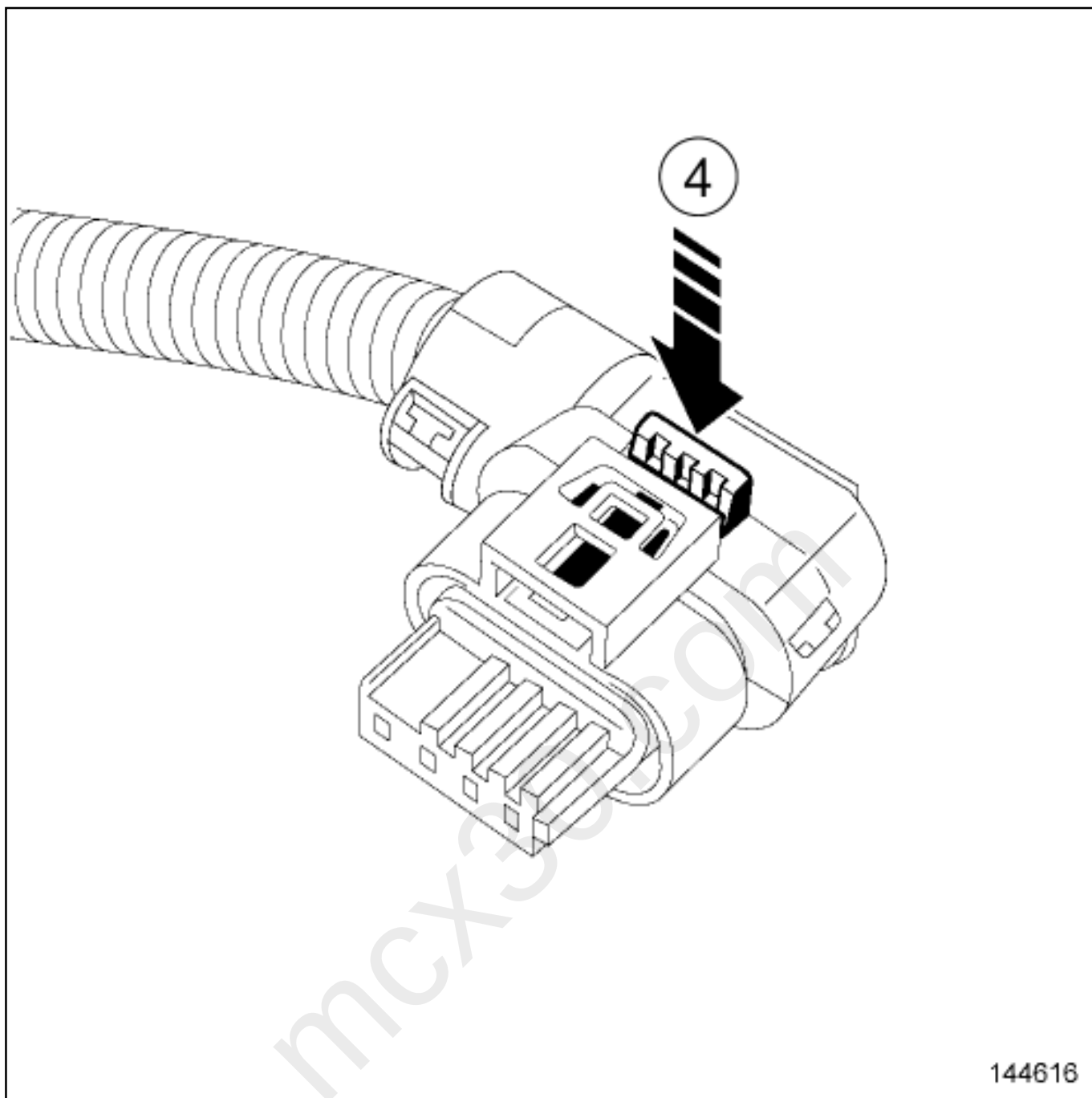
Failure to observe the following procedure could damage the connector.

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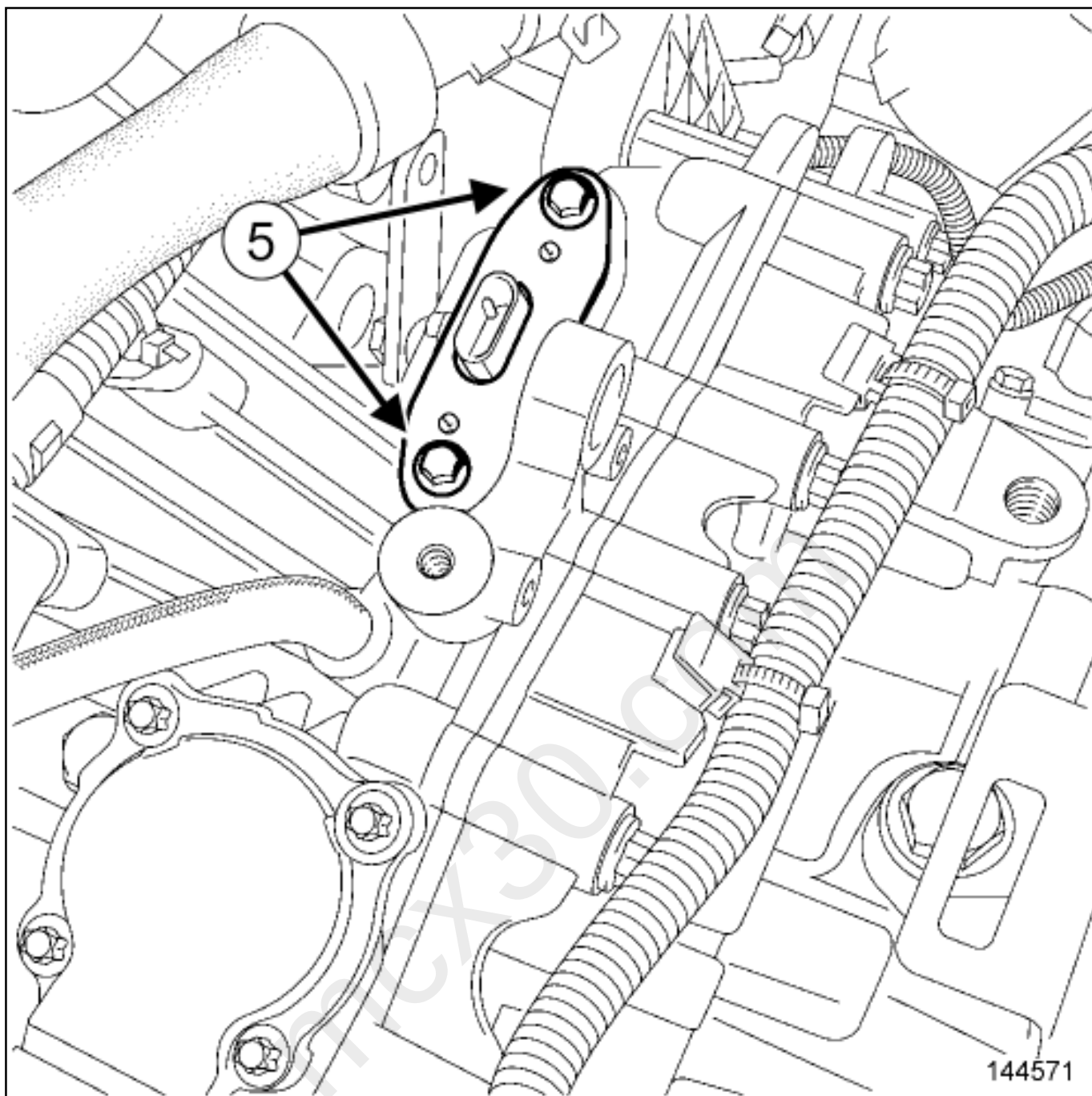
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Disconnect the gear engaged sensor connector(2) by:

-
- unlocking the connector locking system(3) ,
- pressing the tab(4) .



Note:



Take the necessary precautions in order not to introduce any foreign bodies into the gearbox.

Remove:



the bolts(5) of the gear engaged sensor,



- the gear engaged sensor,

- the seal of the gear engaged sensor.

REFITTING

1. REFITTING PREPARATION OPERATION

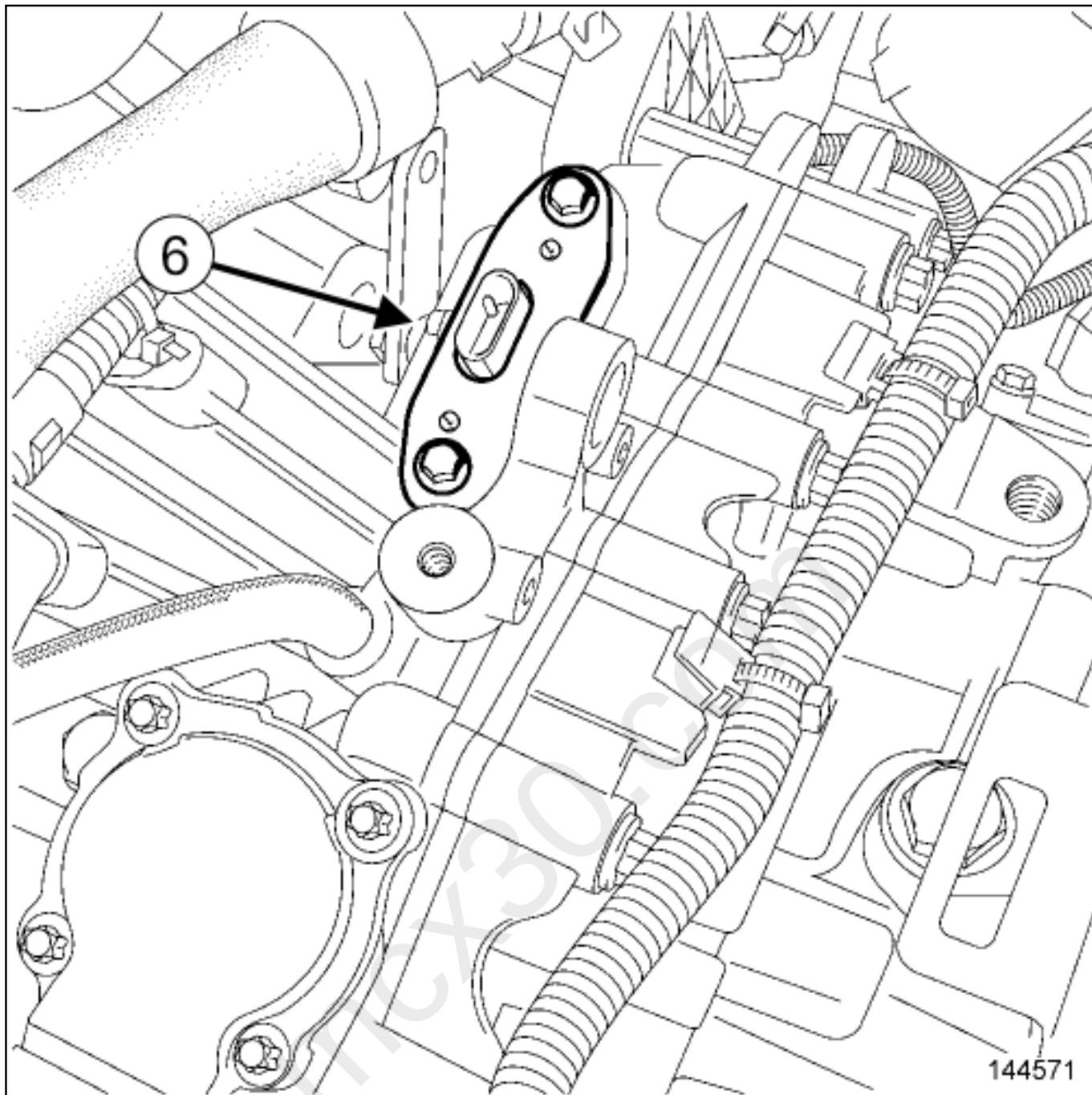


Use surface cleaner [Vehicle: Parts and consumables for the repair](#) to clean the joint face of:

- the gear engaged sensor,

- the gearbox casing.

2. REFITTING OPERATION



Check for the presence of a new seal on the gear engaged sensor.

Refit the gear engaged sensor, positioning the lug(6) on the engine side.

Connect the gear engaged sensor connector.