

Reclip the connector lock.

Confirm that it is locked by the sound of the "clip" .

3. FINAL OPERATION

Proceed in the reverse order to removal.

Apply the after repair procedure using the Diagnostic tool:

- connect the Diagnostic tool,
- select "Automatic gearbox computer" ,
- go to repair mode,
- display the "before/after repair procedure" for the computer selected,
- select "Gear engaged sensor" in the "List of components controlled by this computer" section,
- carry out the operations described in the "After repair procedure" section.



[Repair-12x05x03x05-01x37-1-1-1.xml](#)



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:



(see 23A, [Automatic gearbox , 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](#) ,



2. REMOVAL OPERATION



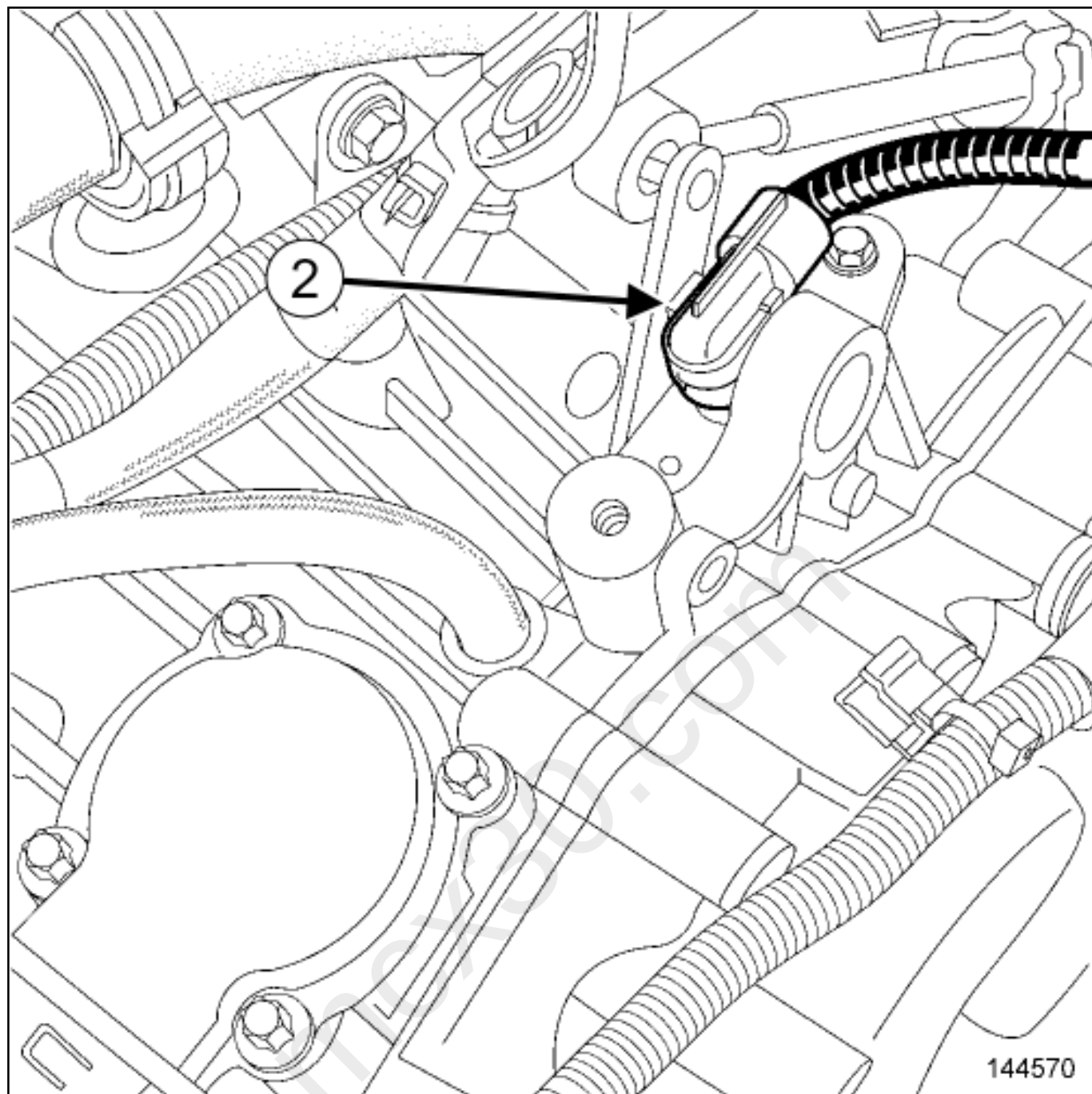
Note:

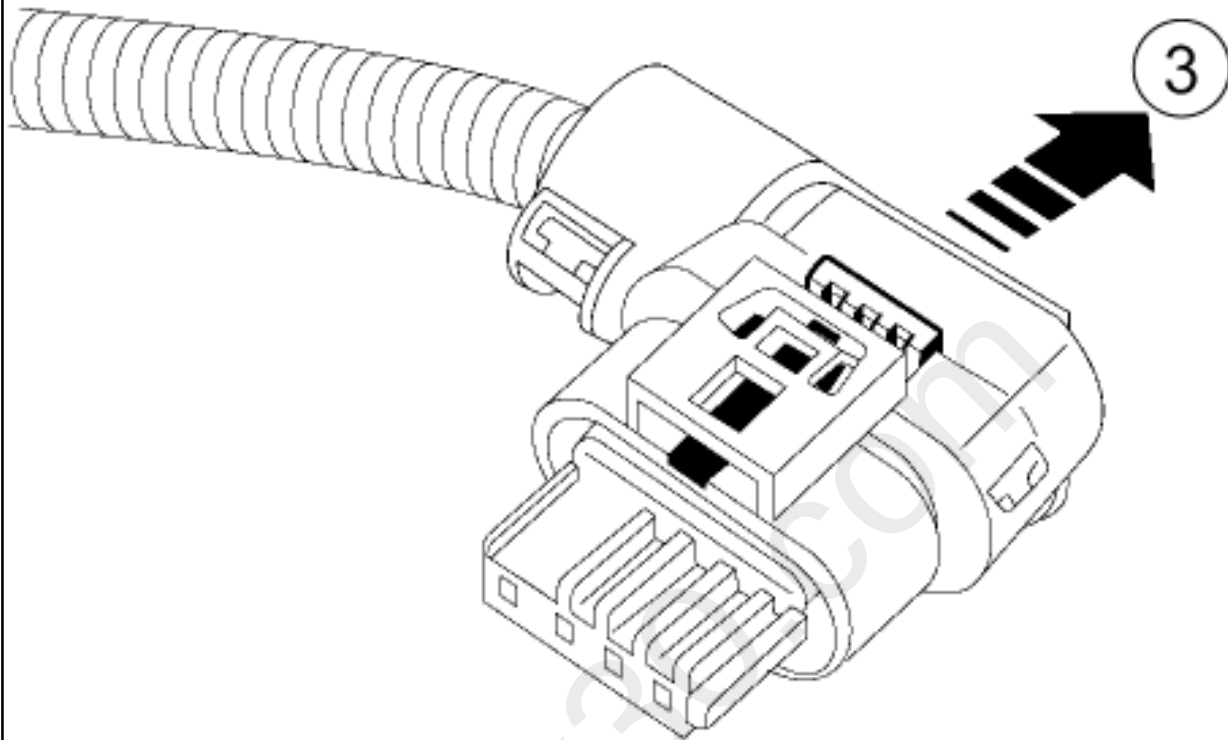
The connector has a locking system.



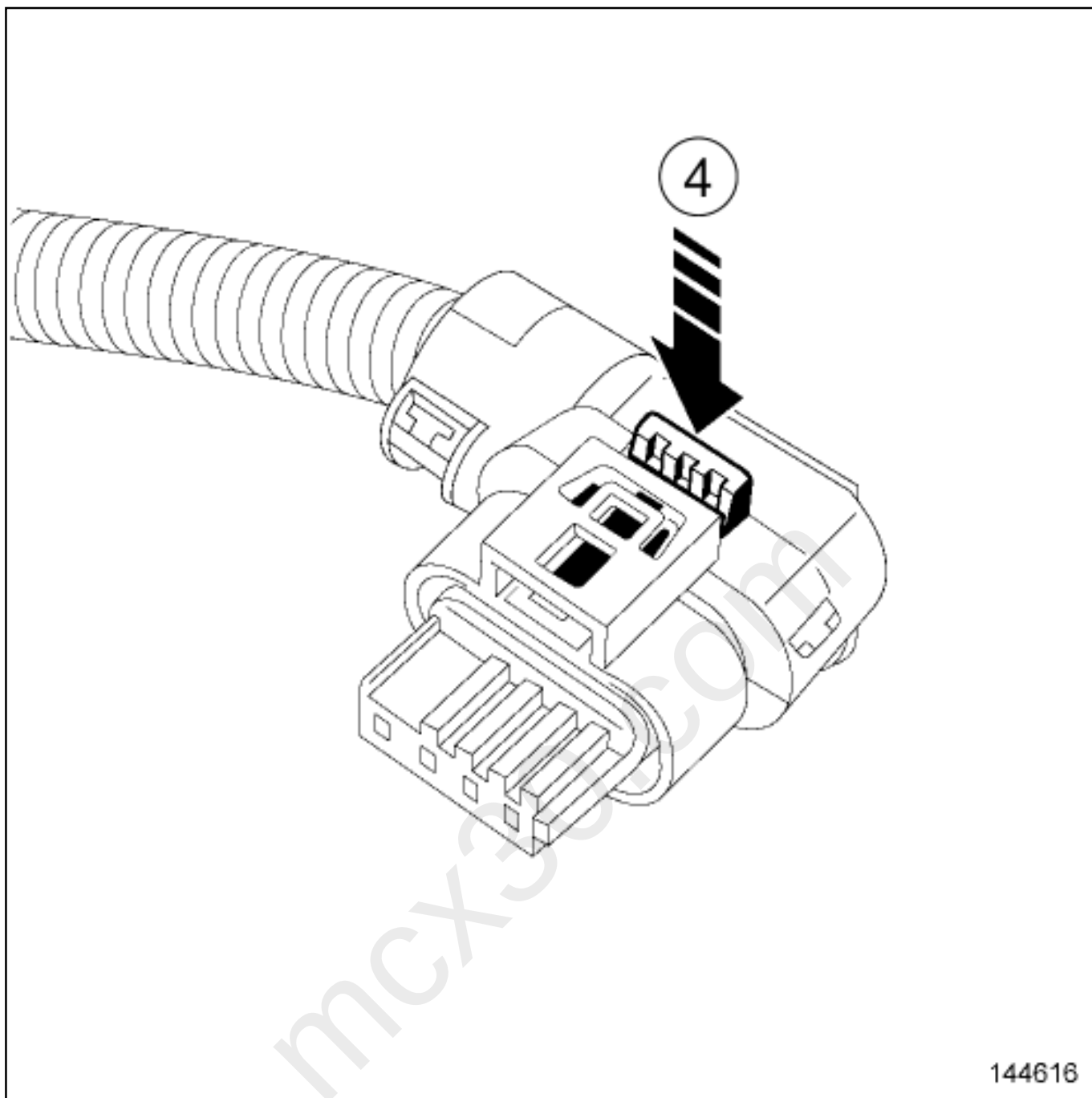
CAUTION

Failure to observe the following procedure could damage the connector.





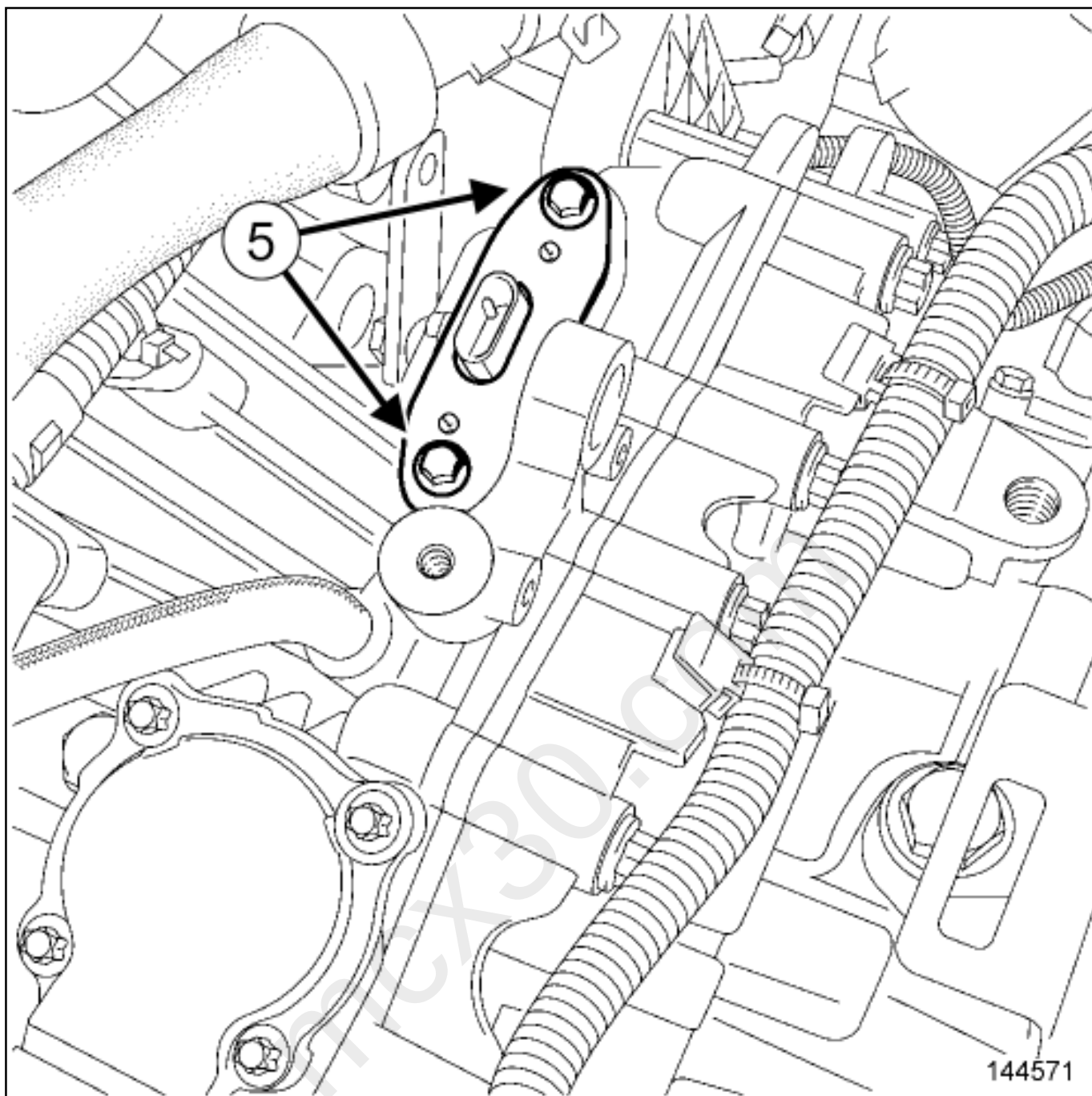
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Disconnect the gear engaged sensor connector(2) by:

-
- 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

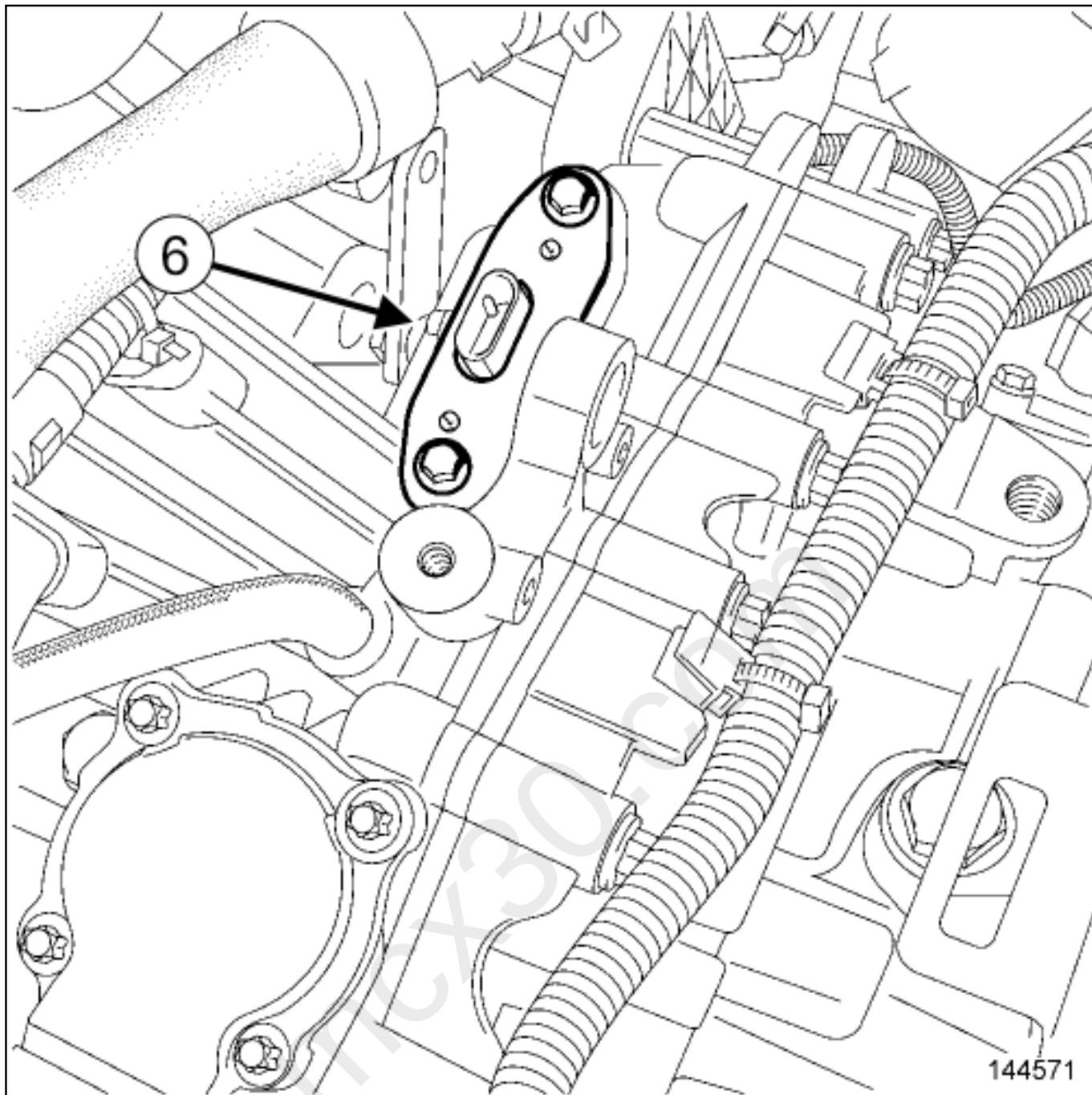


Use surface cleaner [Vehicle: Parts and consumables for the repair](#) to clean the joint face of:

- 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.