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AUTOMATIC GEARBOX WIRING: 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 23A, Automatic gearbox , Automatic gearbox: Precautions for the repair) ,



Vehicle: Precautions for the repair .



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 .



Note:

Do not touch the metal contacts of the computer - an electrostatic discharge can damage the shift drum actuator motors.

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](#) ,
 - the front left-hand wheel [Wheel: Removal - Refitting](#) ,
 - the front section of the front left-hand wheel arch liner (see **Front wheel arch liner: Removal - Refitting**) ,
- the engine undertray.

2. REMOVAL OPERATION



Note:

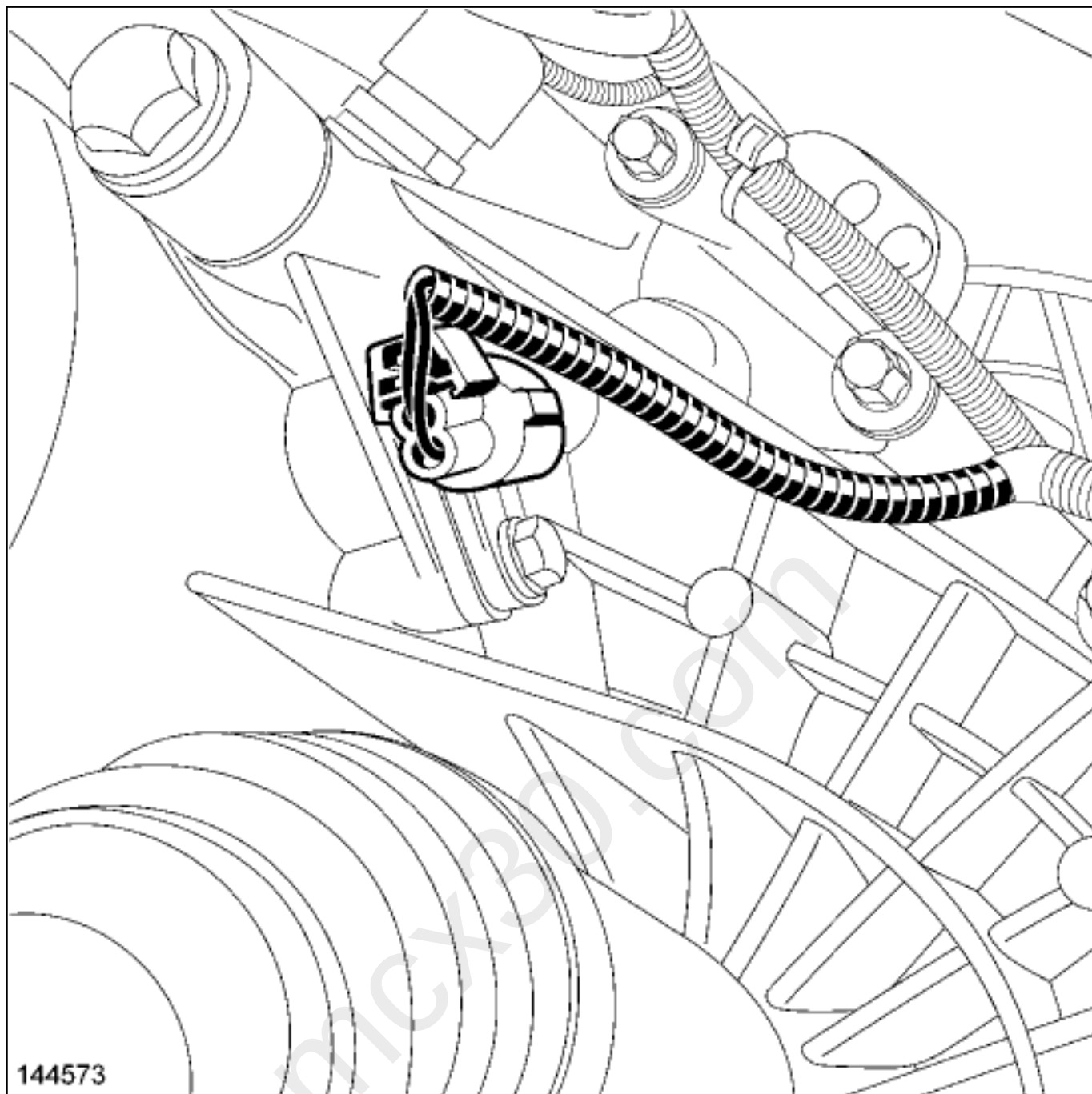
The connectors have a locking system.



CAUTION

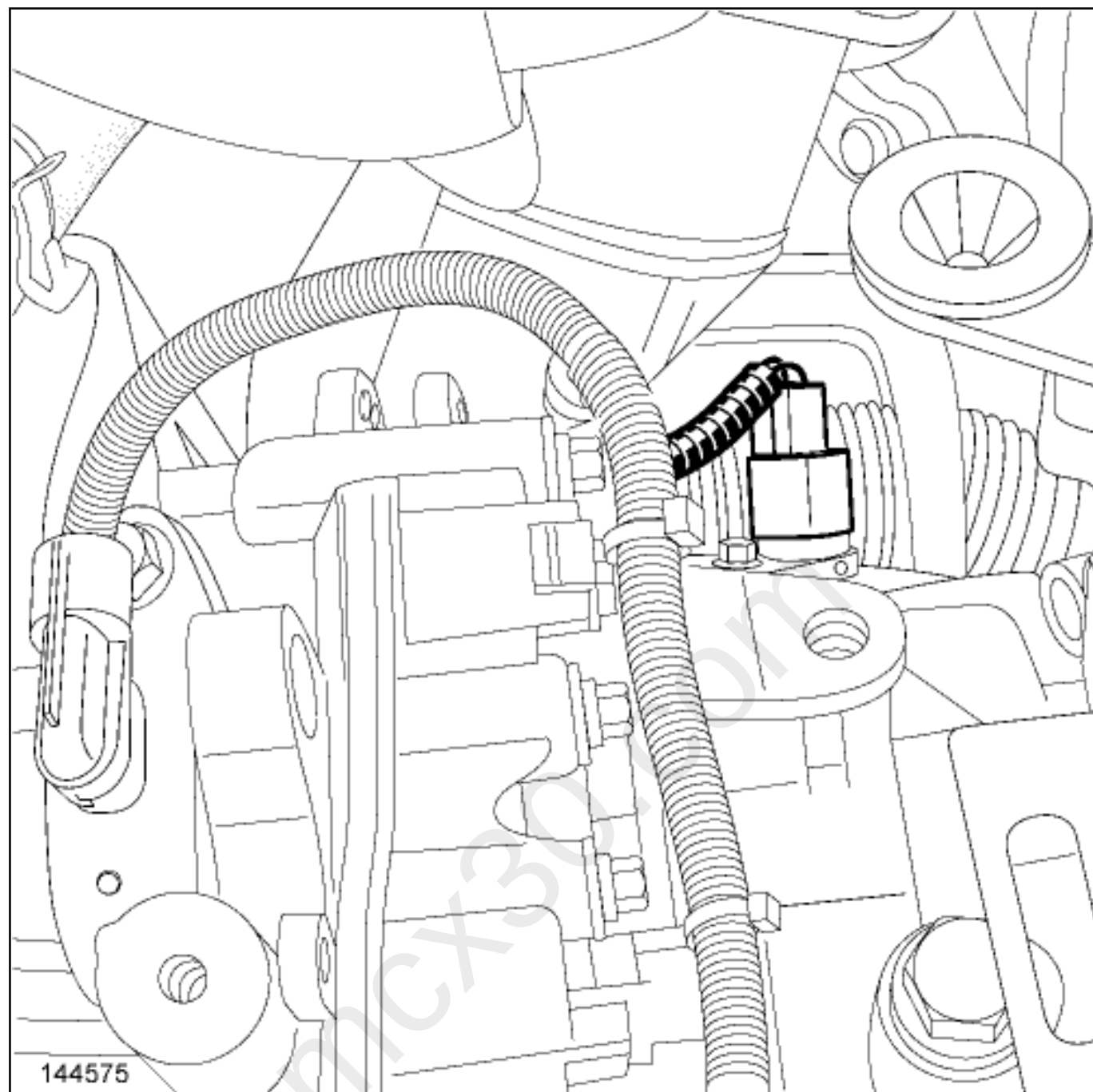
Failure to observe the following procedure could damage the connector.

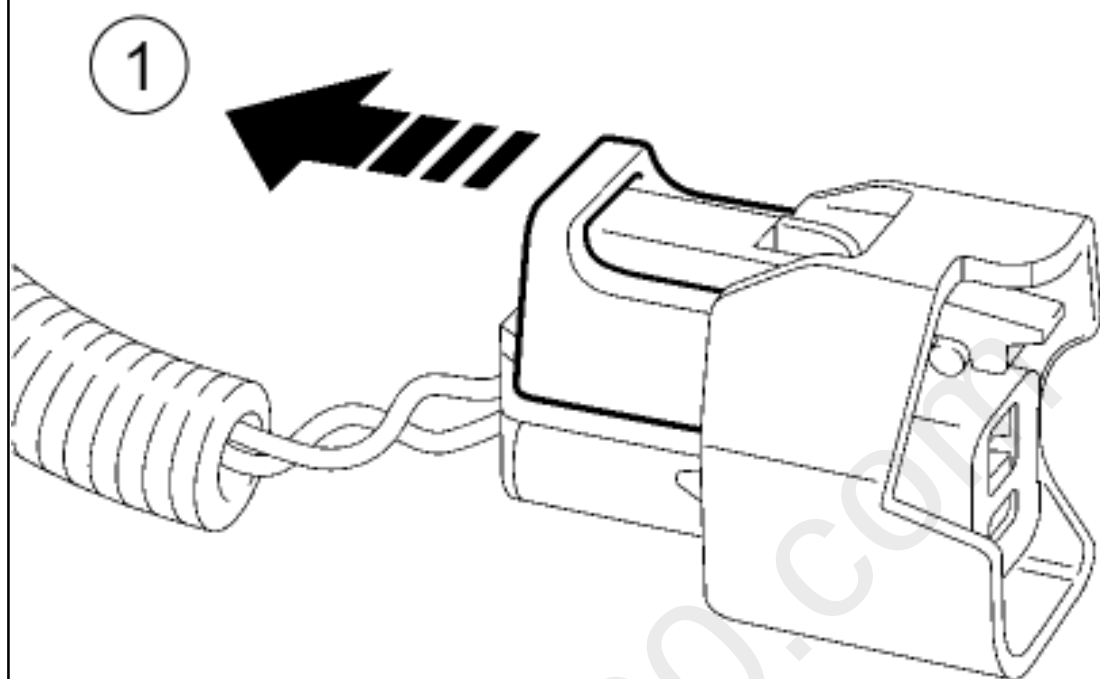
THIRD GEAR CONNECTOR



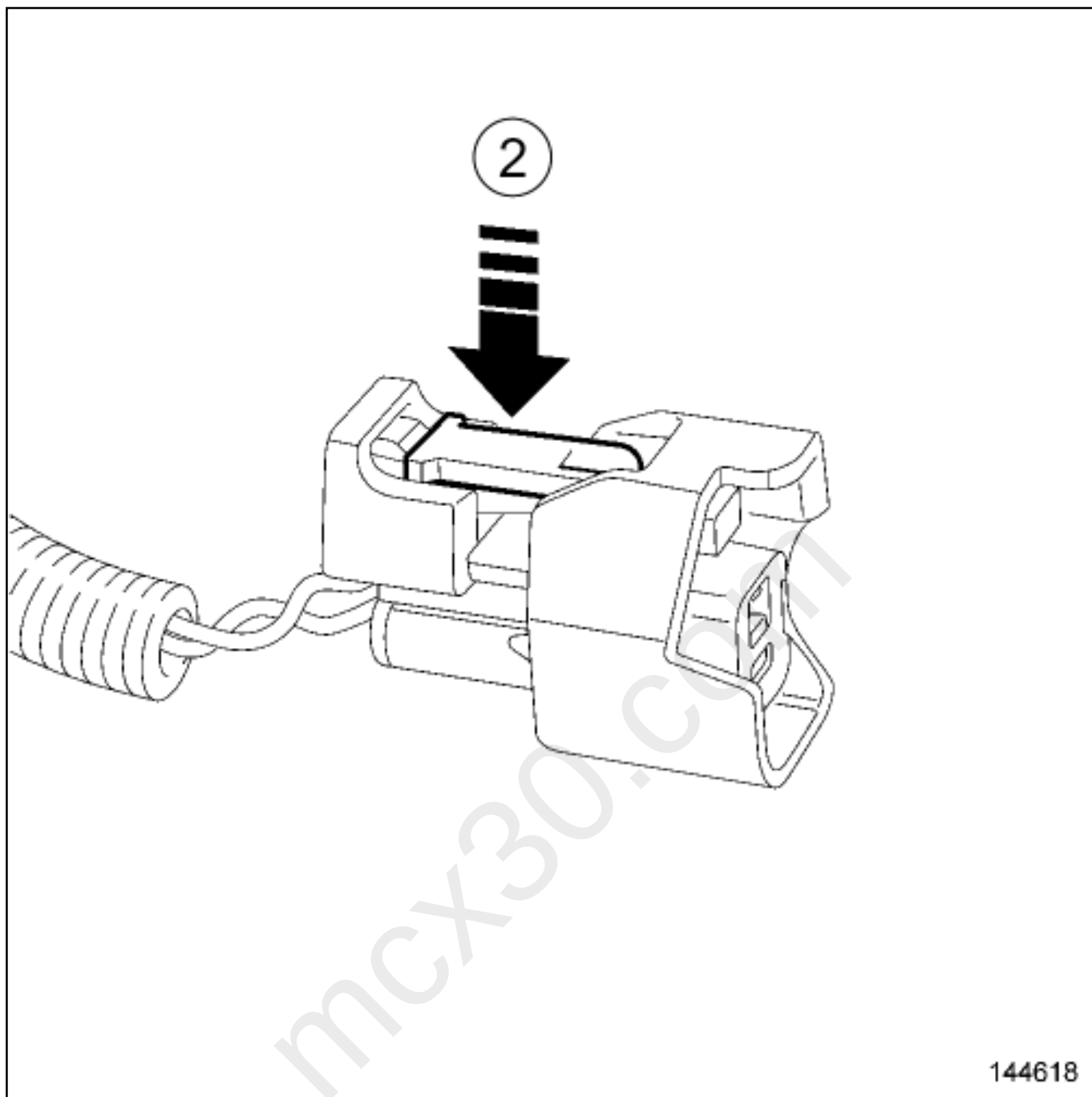
144573

FOURTH GEAR CONNECTOR





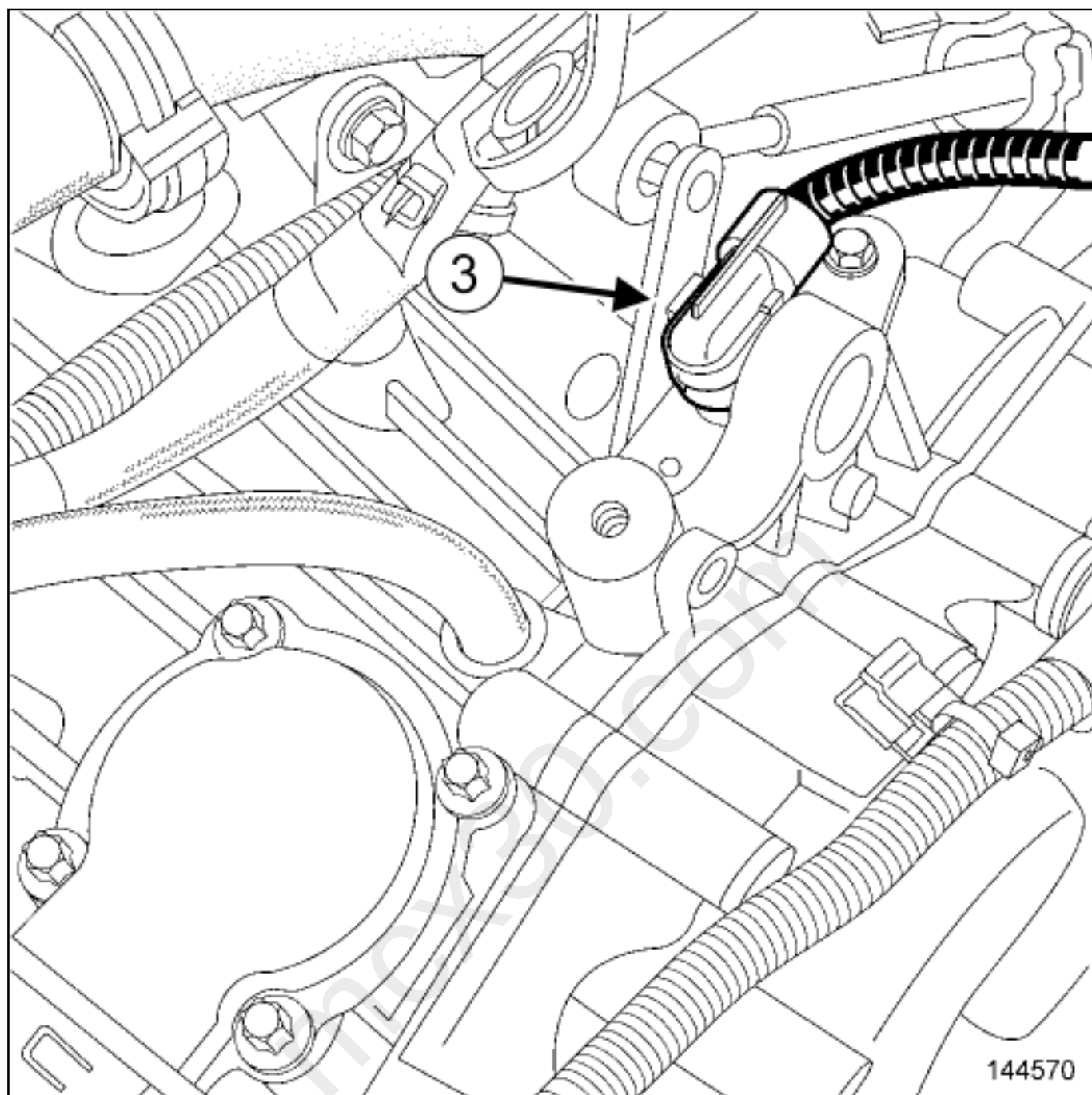
144619

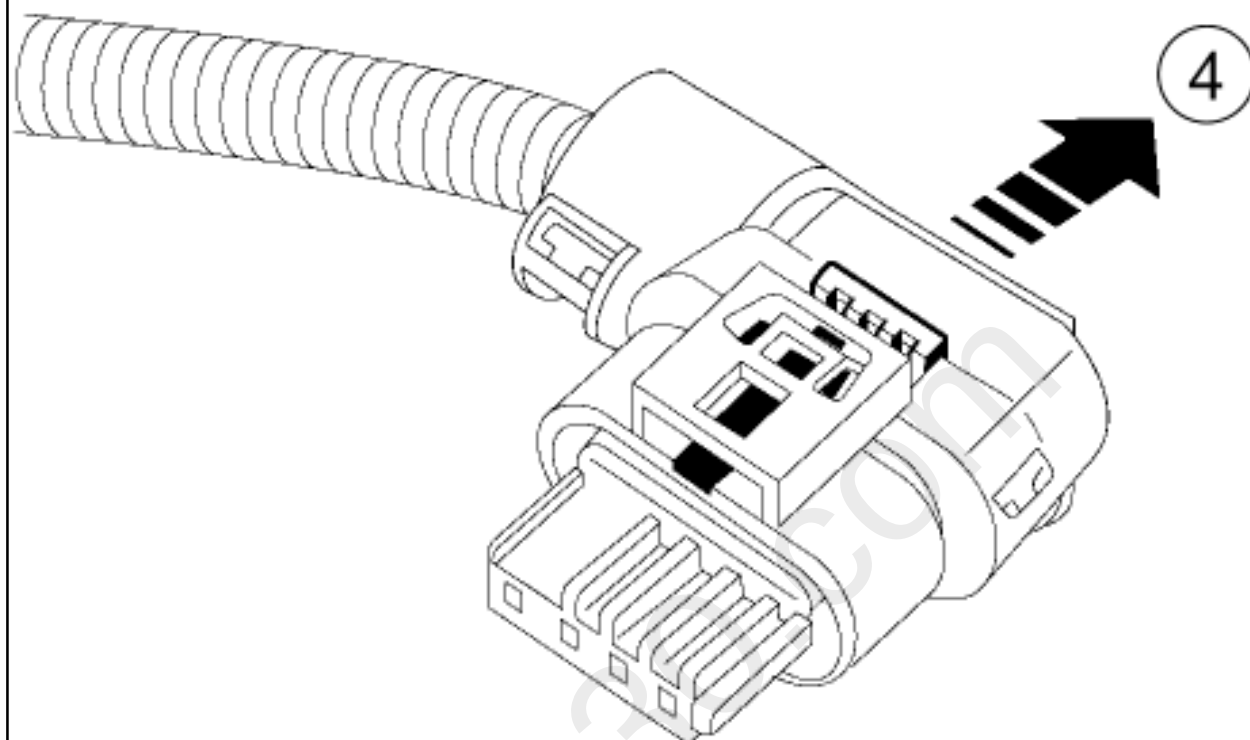


144618

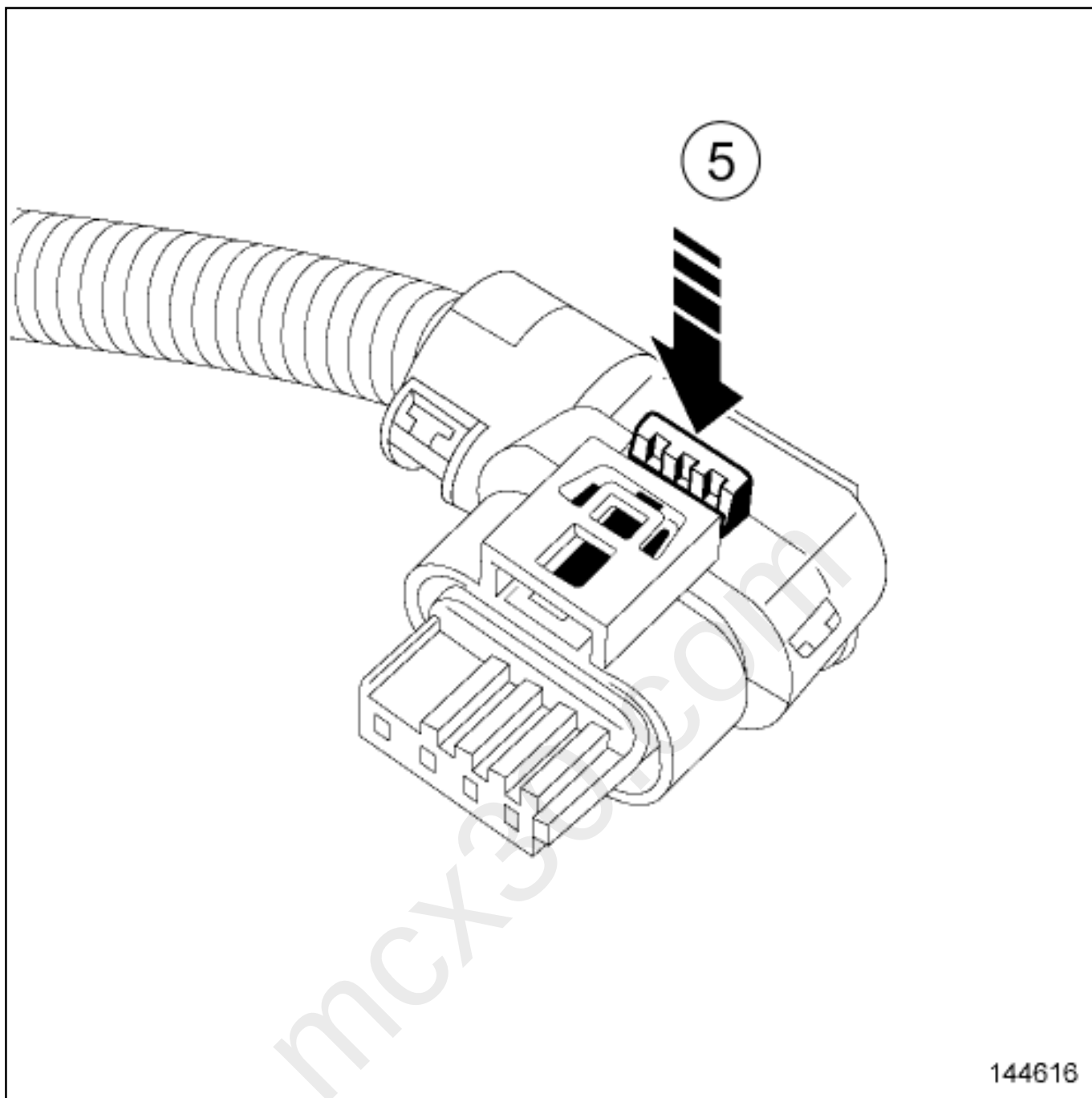
Disconnect the connectors of the engine speed sensor of third gear and fourth gear by:

-
- unlocking the connector locking system(1),
- pressing the tab(2) and pulling the connector.





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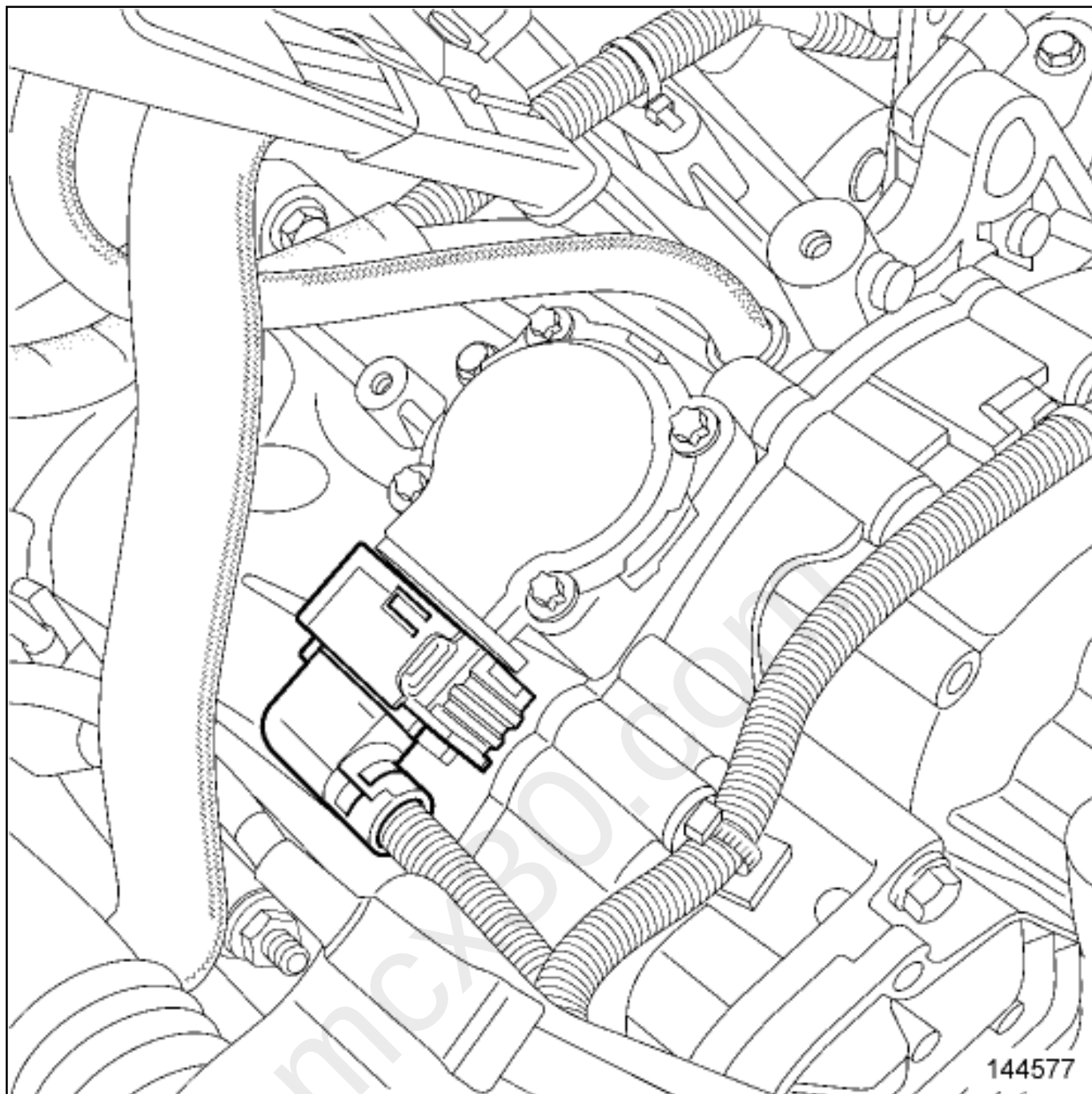


144616

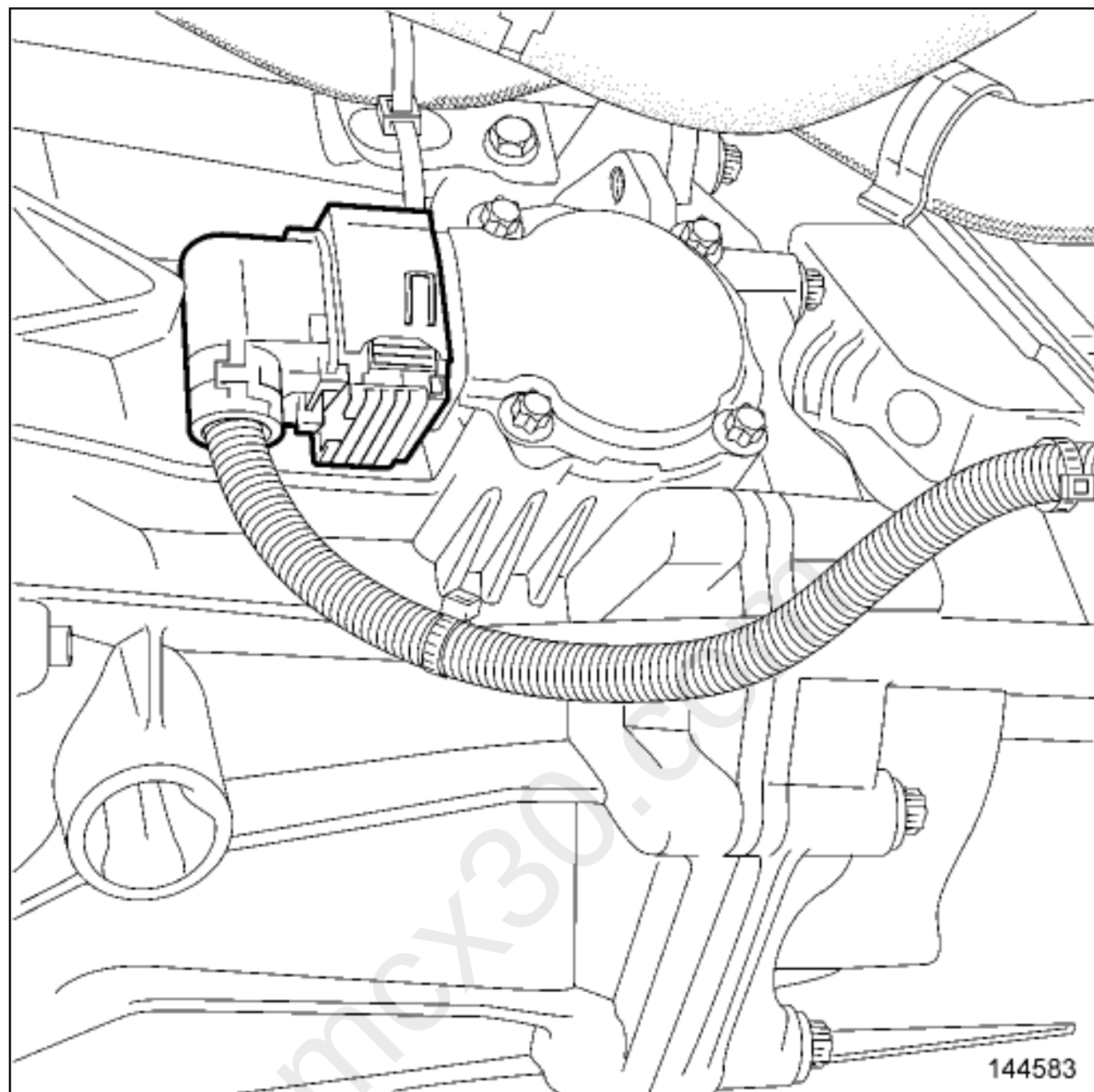
Disconnect the gear engaged sensor connector(3) :

-
- by unlocking the connector locking system(4) ,
- pressing the tab(5) and pulling the connector.

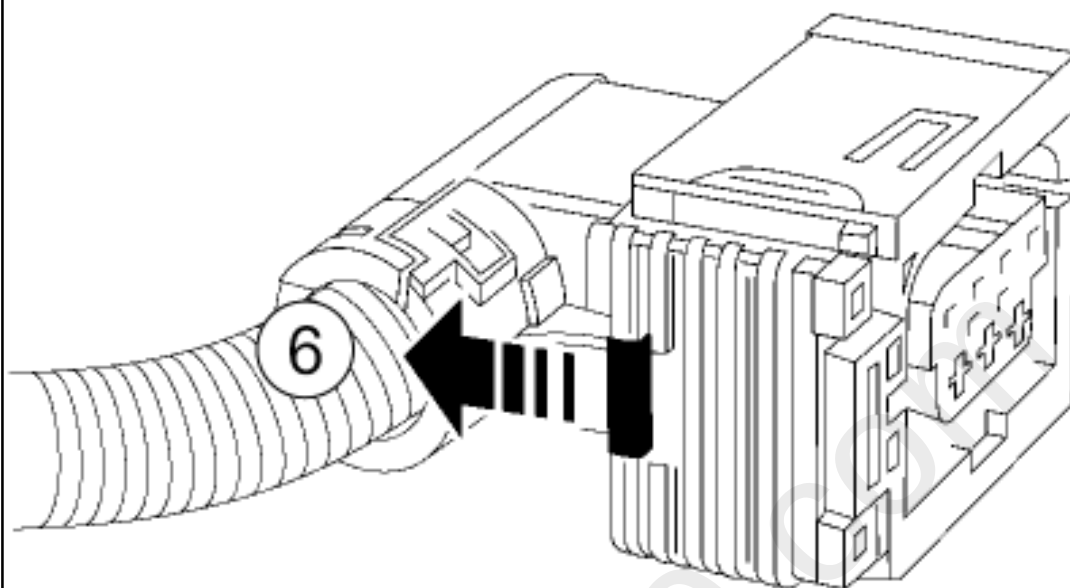
CONNECTOR OF THE UPPER CLUTCH ACTUATOR MOTOR



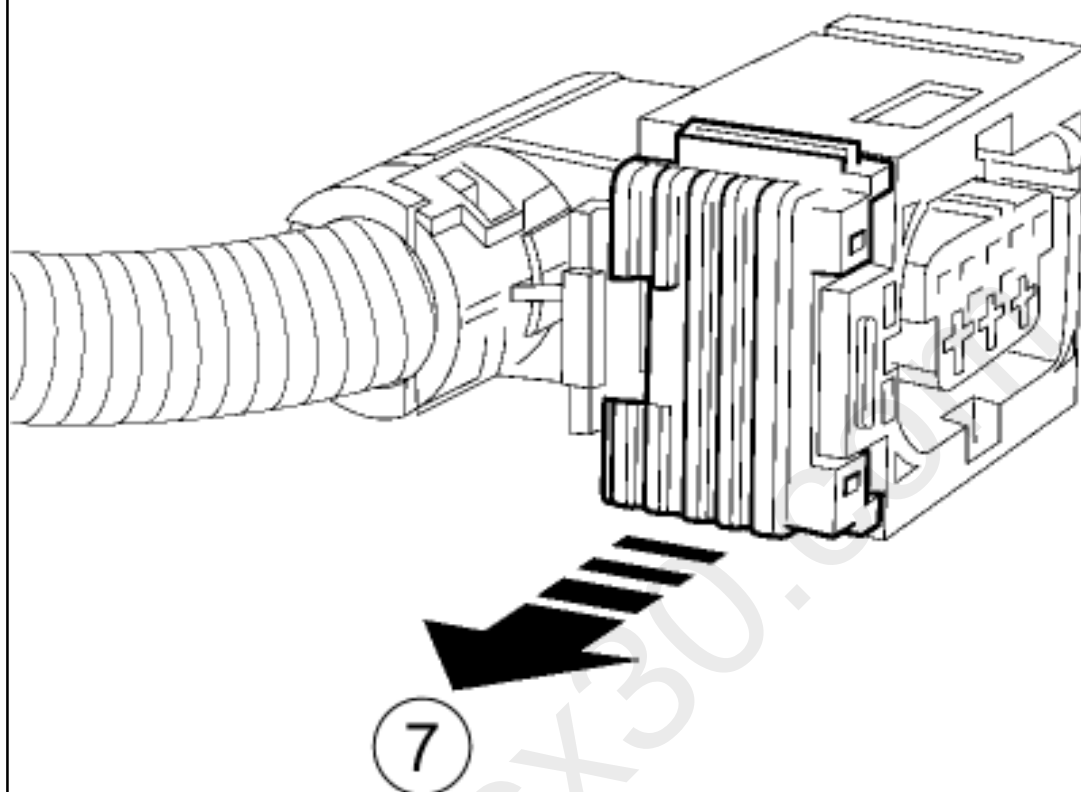
CONNECTOR OF THE LOWER CLUTCH ACTUATOR MOTOR



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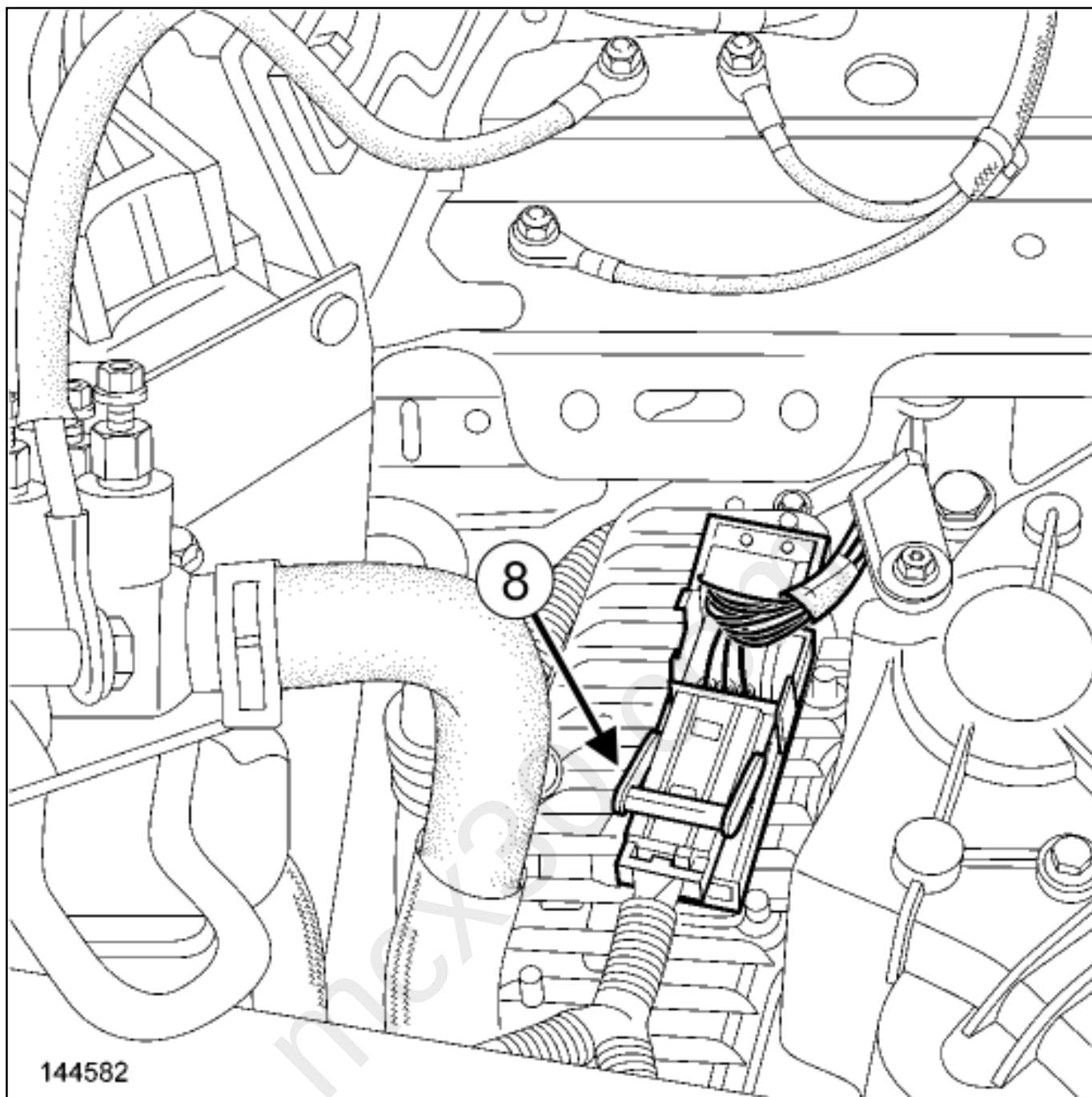


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Disconnect the connector of the upper clutch actuator motor and the connector of the lower clutch actuator motor by:

- unlocking the connector locking system(6) ,

- pulling the tab(7) .



Disconnect the connectors(8) from the gearbox computer.

Unclip the automatic gearbox wiring.

Remove the automatic gearbox wiring.

1. REFITTING PREPARATION OPERATION



Always replace any damaged clips.

2. REFITTING OPERATION



Note:

Observe the correct sequence of steps in order not to swap the connectors.



Connect the following connectors:

-
- the lower clutch actuator motor,
- the upper clutch actuator motor,
- the gear engaged sensor,
- the engine speed sensors of the automatic gearbox,
- the automatic gearbox computer.



Note:

Position the automatic gearbox wiring, taking care to place the clips on their mounting points.

3. FINAL OPERATION



Proceed in the reverse order to removal.