



Repair-10x01-02x60-1-3-1.xml



XSL version : 3.02 du 22/07/11

mcx30.com

ENGINE WIRING: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Equipment required
Diagnostic tool
indelible pencil

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 88A, Wiring harness, Wiring: Precautions for the repair) .



Vehicle: Precautions for the repair (01D, Mechanical introduction).



CAUTION

To prevent damage to the wiring harness when refitting, observe the original routing.



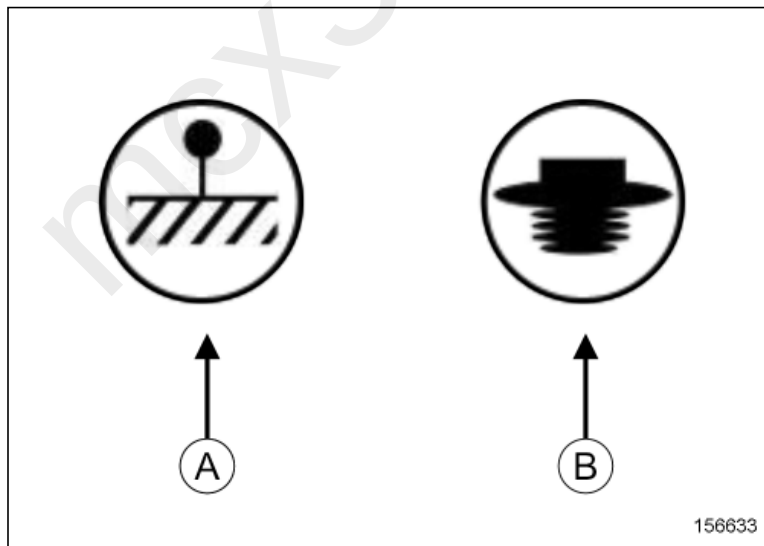
CAUTION

Consult the disconnection procedures (see Connectors: Disconnection and reconnection) (Technical Note 6015A, 88A, Wiring) to prevent damaging the connectors.



Note:

For information on instrument connectors (see Visu-Schéma).



(A) Symbol for an earth

(B) Symbol for a mounting (clip, clamp, etc.)

REMOVAL

1. REMOVAL PREPARATION OPERATION



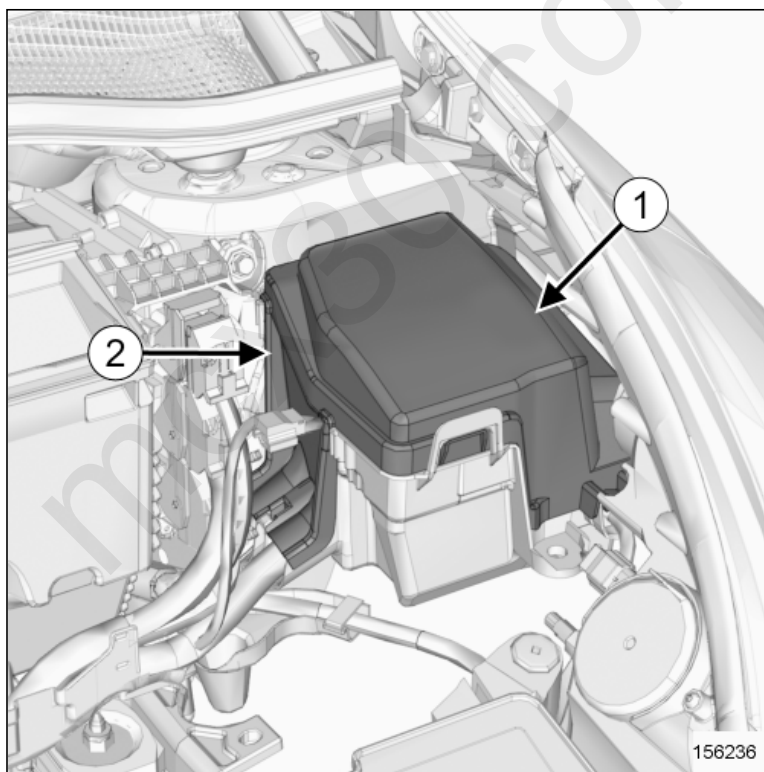
Position the vehicle on a two-post liftVehicle: Towing and lifting .



Switch off the ignition.

Remove:

- the battery [Battery: Removal - Refitting](#) ,
- the engine undertray bolts,
- the engine undertray,
- the front wheels [Front hub carrier assembly: Exploded view](#) ,
- the front section of the front wheel arch liners [Exterior body front trim assembly: Exploded view](#) ,
- the front bumper [Front bumper assembly: Exploded view](#) ,
- the battery tray [Battery tray: Removal - Refitting](#) ,
- the air filter inlet duct [Air inlet assembly: Exploded view](#) ,
- the intercooler air inlet pipe [Air inlet assembly: Exploded view](#) ,
- the intercooler air outlet pipe [Air inlet assembly: Exploded view](#) ,
- the throttle valve [Air inlet assembly: Exploded view](#) ,
- the inlet distributor [Air inlet assembly: Exploded view](#) .



Remove:

- the cover(1) of the engine compartment fuse and relay box,
- the closure panel component(2) of the engine compartment fuse and relay box.



Note:

Mark the position of the fuses and relays before removal.

Unclip the fuse holders and the engine harness relays from their mountings.

1- IF REPLACING THE ENGINE WIRING

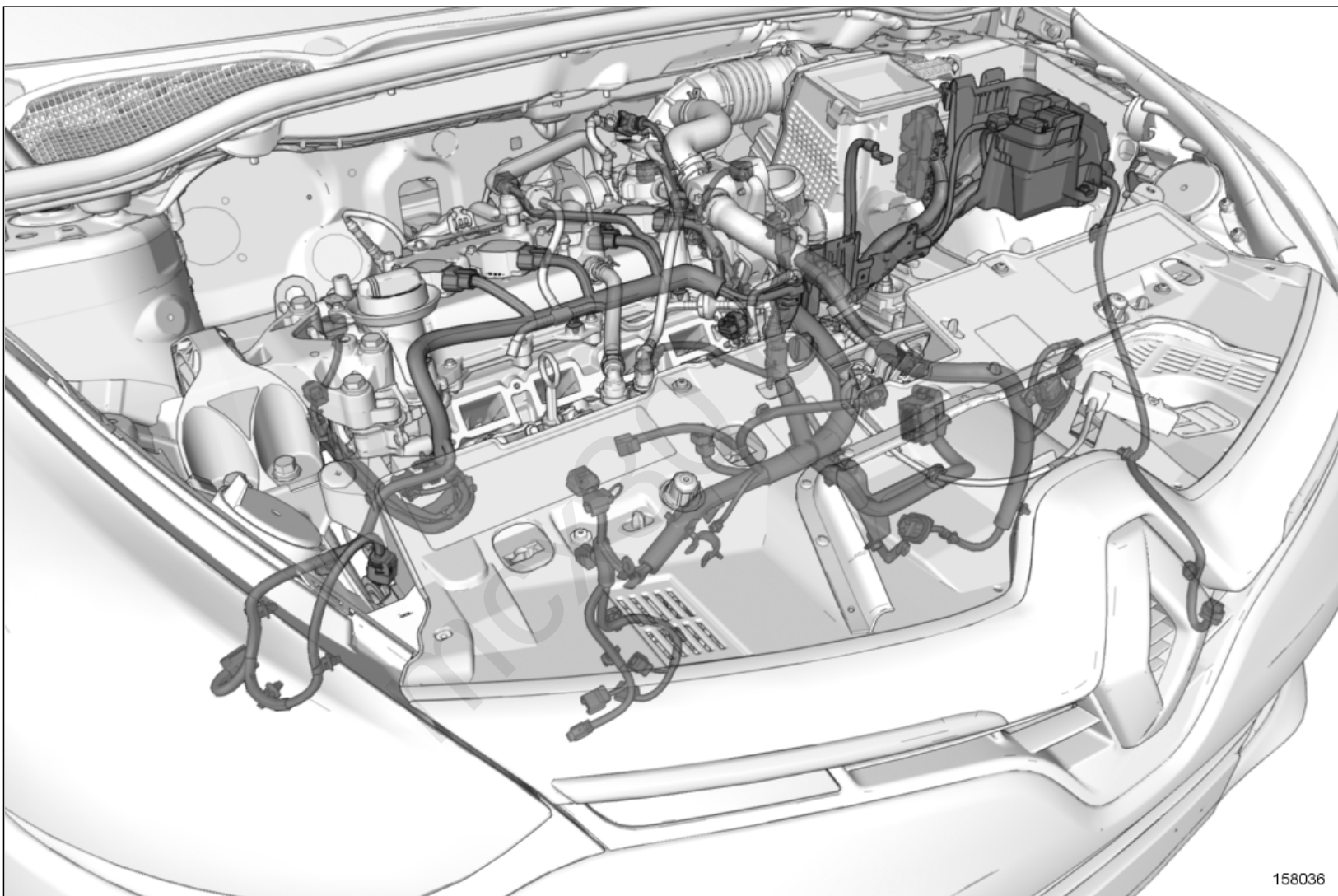
Remove the fuses.

2. REMOVAL OPERATION

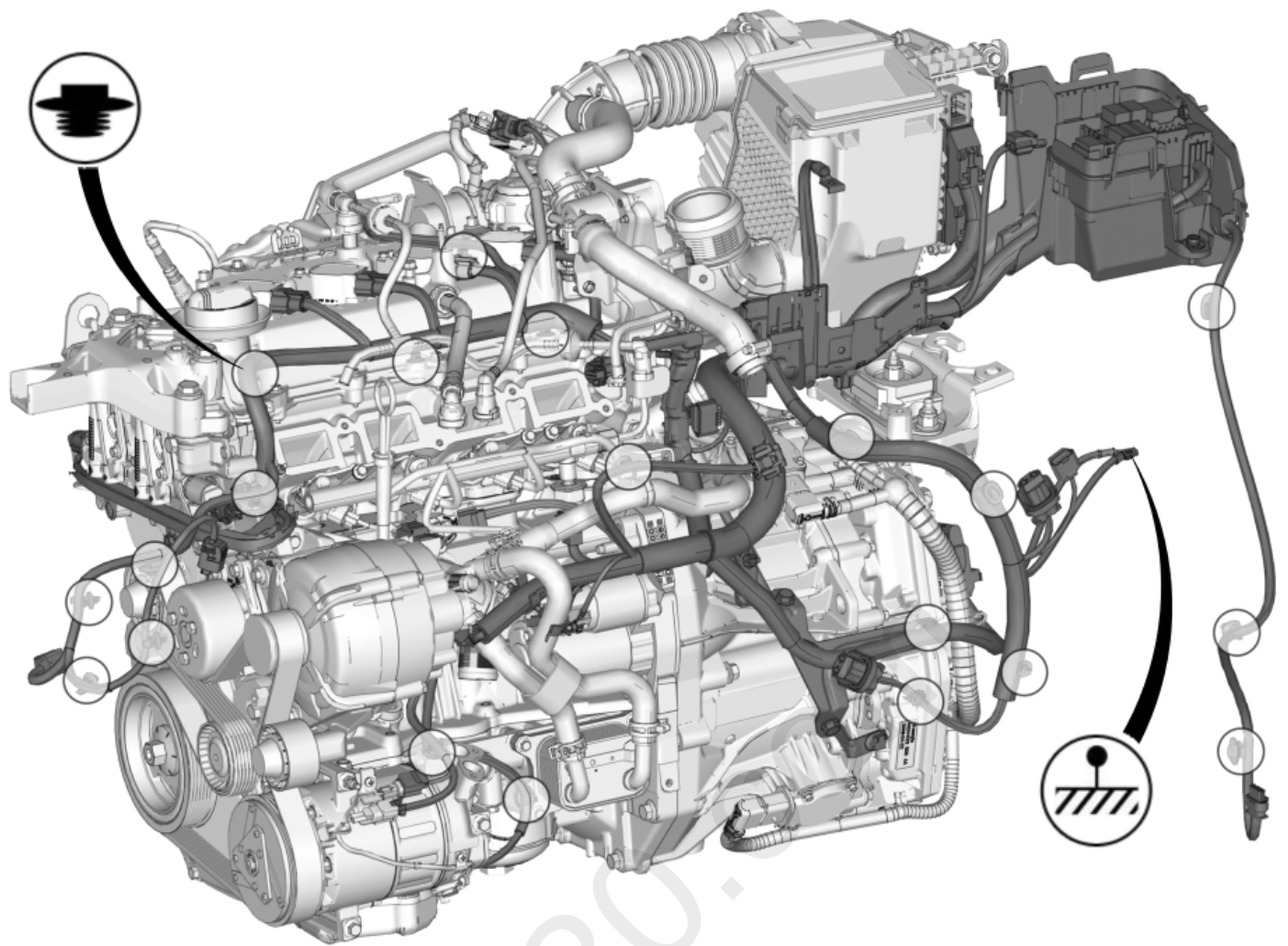


CAUTION

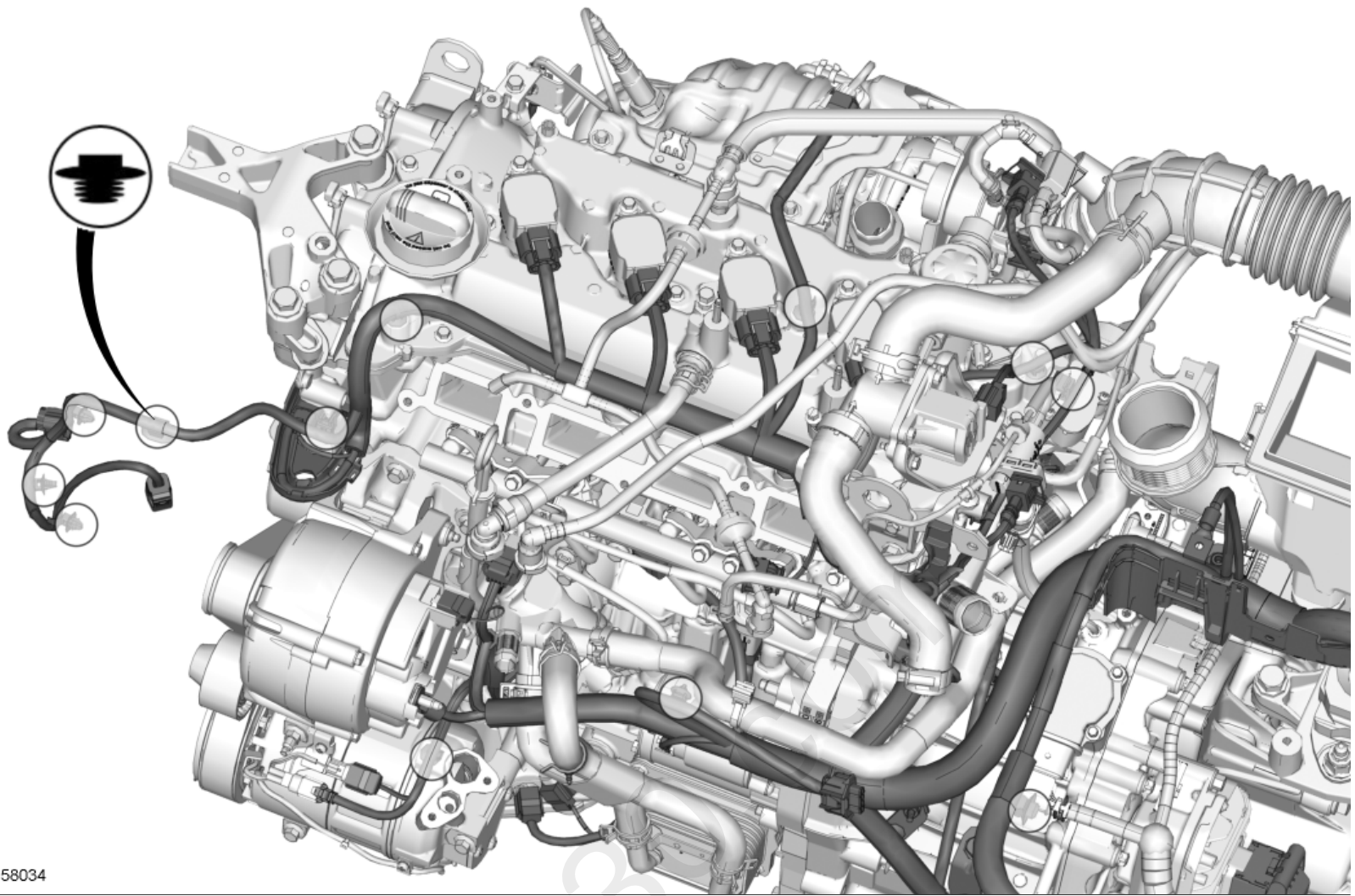
To prevent any risk of noise, premature wear, short circuits, etc. after the refitting operation, mark the wiring routing and how to connect the connectors.



158036

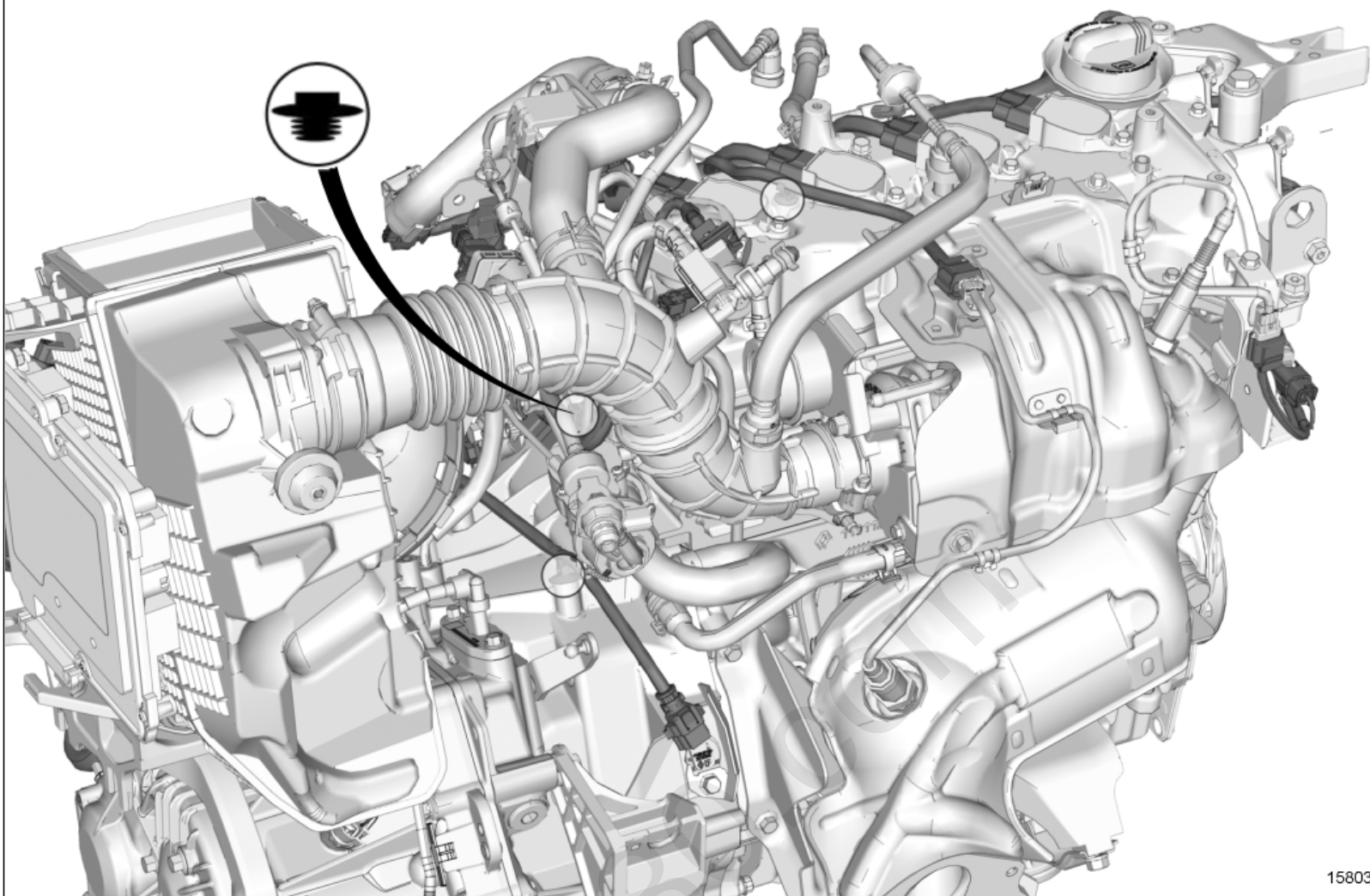


158033



158034

mcx33



Disconnect all the connectors.

Unclip the engine wiring where indicated.

Note:



Before removing the earth terminal, mark its position using an indelible pencil.

Remove the earth terminal.



CAUTION

To prevent any damage during the removal operation, check that the wiring is free from its mountings (retaining clip, plastic clip, adhesive tape, connector, etc.).

Remove the engine wiring.

REFITTING

1. REFITTING PREPARATION OPERATION

1- IF REPLACING THE ENGINE WIRING