

### Special tooling required

<b>Mot. 1453</b>	Engine anchorage support with multiple adjustments and retaining straps.
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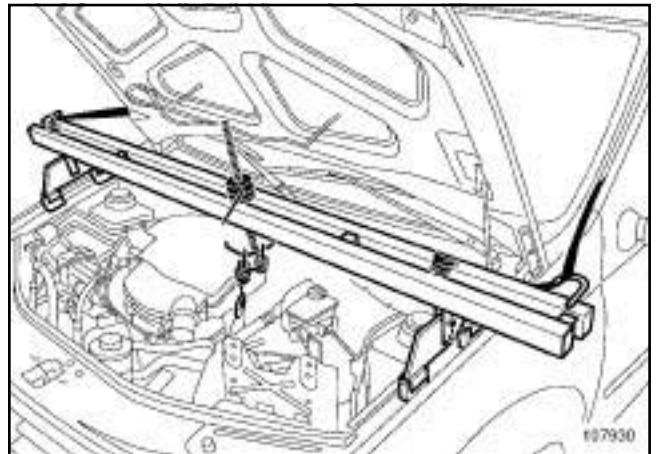
### Tightening torques

bolts mounting the left-hand suspended mounting on the gearbox	<b>62 N.m</b>
bolt of the power-assisted steering pipe on the left-hand suspended mounting	<b>21 N.m</b>
stud on the gearbox support	<b>180 N.m</b>
left-hand rubber pad mounting bolts on the body	<b>21 N.m</b>
rubber pad nuts on the left-hand suspended mounting	<b>105 N.m</b>
nut of the gearbox support on the rubber pad	<b>62 N.m</b>

## REMOVAL

### I - REMOVAL PREPARATION OPERATION

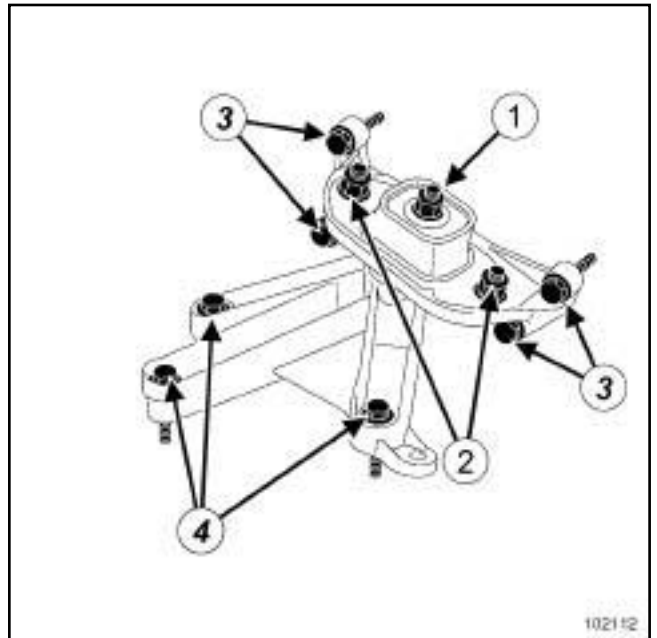
- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (02A, Lifting equipment).
- ☐ Remove:
  - the air inlet sleeve,
  - the battery (see **Battery: Removal - Refitting**) (80A, Battery),
  - the battery tray,
  - the injection computer (see **17B, Petrol injection, Petrol injection computer: Removal - Refitting**, page **17B-7**),
  - the engine undertray.



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- ☐ Fit the engine support tool (**Mot. 1453**) with the retaining belt, taking the flywheel end lifting eye as an anchoring point.
- ☐ Mark the position of the left-hand suspended engine mounting on the body.

### II - REMOVAL OPERATION



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- ☐ Remove the nut (1) from the gearbox support on the rubber pad.
- ☐ Strike the gearbox stud with a copper hammer to separate the engine and gearbox assembly from the body.
- ☐ Remove:
  - the nuts (2) from the rubber pad,
  - the rubber pad,

## Left-hand suspended engine mounting: Removal - Refitting

- the bolts (3) from the left-hand rubber pad mounting on the body,
- the left-hand rubber pad mounting,
- the power-assisted steering pipe bolt on the suspended mounting (if fitted to the vehicle),
- the left-hand suspended mounting bolts (4) on the gearbox,
- the left-hand suspended mounting on the gearbox.

- the battery tray,
- the battery (see **Battery: Removal - Refitting**) (80A, Battery),
- the air intake sleeve.

## REFITTING

## I - REFITTING PREPARATION OPERATION

- ☐ Always replace the self-locking nuts.

## II - REFITTING OPERATION

- ☐ Refit:

- the left-hand suspended mounting on the gearbox,
- the power-assisted steering pipe bolt on the suspended mounting (if fitted to the vehicle),
- the left-hand rubber pad mounting,
- the rubber pad,
- the rubber pad nuts on the left-hand suspended mounting,
- the gearbox support nut on the rubber pad.

- ☐ Torque tighten:

- the **bolts mounting the left-hand suspended mounting on the gearbox (62 N.m)**,
- the **bolt of the power-assisted steering pipe on the left-hand suspended mounting (21 N.m)**,
- the **stud on the gearbox support (180 N.m)**,
- the **left-hand rubber pad mounting bolts on the body (21 N.m)**,
- the **rubber pad nuts on the left-hand suspended mounting (105 N.m)**,
- the **nut of the gearbox support on the rubber pad (62 N.m)**.

## III - FINAL OPERATION

- ☐ Remove the engine support tool (**Mot. 1453**).

- ☐ Refit:

- the engine undertray,
- the injection computer (see **17B, Petrol injection, Petrol injection computer: Removal - Refitting, page 17B-7**),

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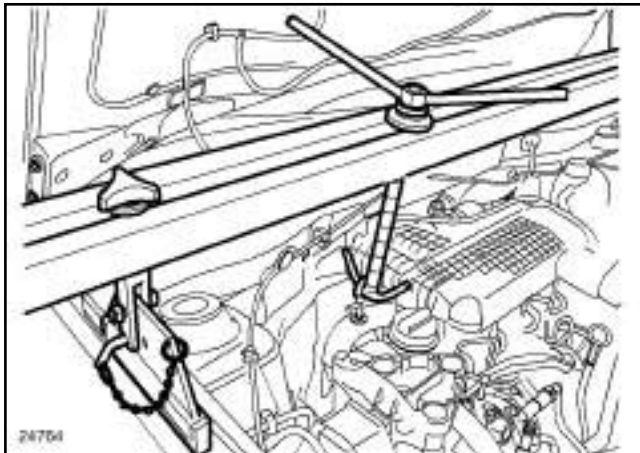
### Tightening torques

right-hand suspended engine mounting bolts on the engine	<b>62 N.m</b>
right-hand suspended engine mounting bolts on the body	<b>62 N.m</b>

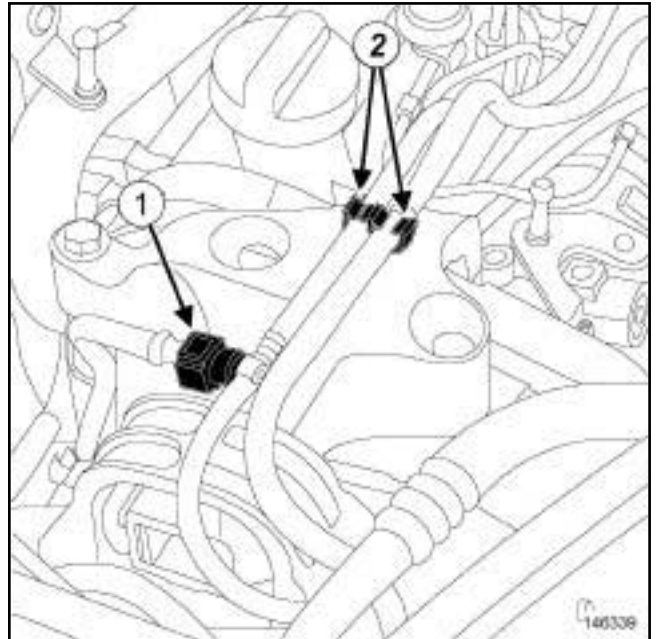
## REMOVAL

### I - REMOVAL PREPARATION OPERATION

- ☐ Remove the front engine cover.



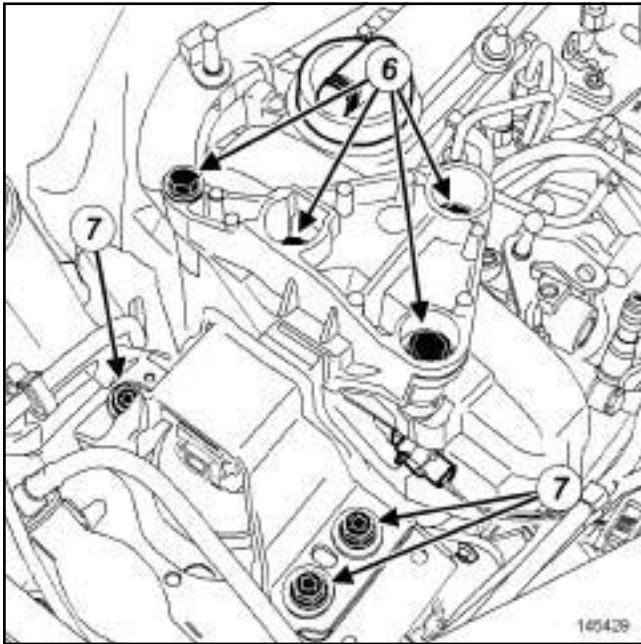
- ☐ Fit the engine support tool (**Mot. 1453**) with the retaining belt, taking the timing end lifting eye as an anchoring point.



- ☐ Disconnect the fuel pipe at (1) ,
- ☐ Insert the blanking plugs.
- ☐ Unclip the fuel pipes at (2) ,
- ☐ Move the fuel pipes aside.

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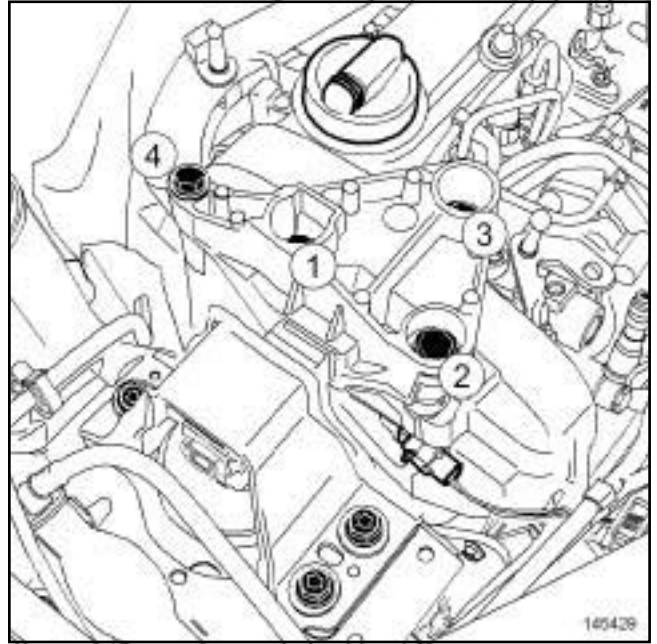
### II - REMOVAL OPERATION



- ☐ Mark the position of the right-hand suspended engine mounting on the body.
- ☐ Remove:
  - the bolts (6) from the right-hand suspended engine mounting on the engine,
  - the right-hand suspended engine mounting bolts (7) on the body,
  - the right-hand suspended engine mounting.

### REFITTING

#### I - REFITTING OPERATION



- ☐ Refit:
  - the right-hand suspended engine mounting observing the marks made on the body during removal,
  - the right-hand suspended engine mounting bolts on the engine,
  - the right-hand suspended engine mounting bolts on the body.
- ☐ Torque tighten in order the **right-hand suspended engine mounting bolts on the engine (62 N.m)**.
- ☐ Torque tighten the **right-hand suspended engine mounting bolts on the body (62 N.m)**.

#### II - FINAL OPERATION

- ☐ Position the fuel pipes.
- ☐ Clip on the fuel pipes at (2) .
- ☐ Remove the blanking plugs.
- ☐ Connect the fuel pipe at (1) .
- ☐ Remove the engine support tool (**Mot. 1453**) and the retaining strap.
- ☐ Refit the engine cover.