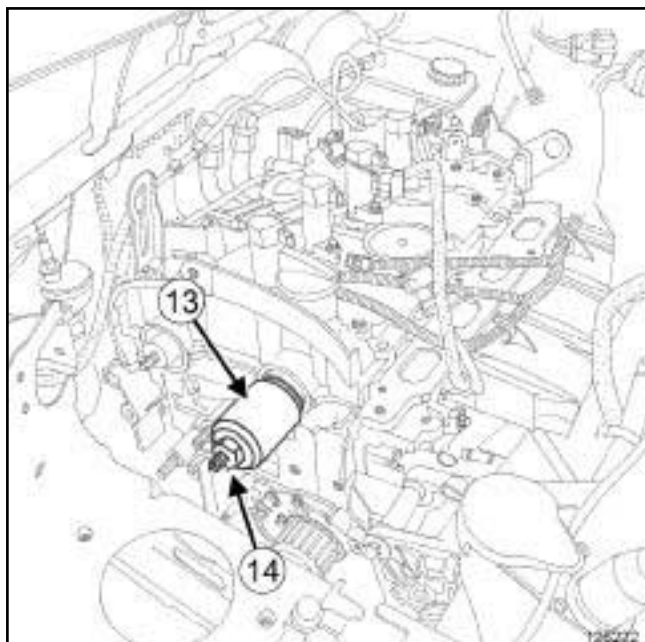


TOP AND FRONT OF ENGINE

Camshaft seal, timing end: Removal - Refitting

11A

K4M



126222

- ☐ Fit the cover (13) and the collar nut (14) of the (Mot. 1632).
- ☐ Screw on the collar nut until the cover touches the cylinder head.
- ☐ Remove:
 - the collar nut from the (Mot. 1632),
 - the cover from the (Mot. 1632),
 - the stud from the (Mot. 1632).

III - FINAL OPERATION

- ☐ Refit:
 - the camshaft dephaser (see 11A, Top and front of engine, Camshaft dephaser: Removal - Refitting, page 11A-234) ,
 - the timing belt (see 11A, Top and front of engine, Timing belt: Removal - Refitting, page 11A-48) ,
 - the crankshaft accessories pulley (see 11A, Top and front of engine, Crankshaft accessories pulley: Removal - Refitting, page 11A-31) ,
 - the right-hand suspended engine mounting (see 19D, Engine mounting, Right-hand suspended engine mounting: Removal - Refitting, page 19D-22) ,
 - the scoop under the scuttle panel grille (see Scoop under the scuttle panel grille: Removal - Refitting) (56A, Exterior equipment),
 - the scuttle panel grille (see Scuttle panel grille: Removal - Refitting) (56A, Exterior equipment),

- the windscreen wiper arms (see Windscreen wiper arm: Removal - Refitting) (85A, Wiping - Washing),
 - the throttle valve (see 12A, Fuel mixture, Throttle valve: Removal - Refitting, page 12A-33) ,
 - the accessories belt (see 11A, Top and front of engine, Accessories belt: Removal - Refitting, page 11A-5) ,
 - the front bumper (see Front bumper: Removal - Refitting) (55A, Exterior protection),
 - the front right-hand wheel arch liner (see Front wheel arch liner: Removal - Refitting) (55A, Exterior protection),
 - the front right-hand wheel (see Wheel: Removal - Refitting) (35A, Wheels and tyres),
 - the engine undertray.
- ☐ Connect the battery (see Battery: Removal - Refitting) (80A, Battery).

TOP AND FRONT OF ENGINE

Oil decanter: Removal - Refitting

11A

F4R

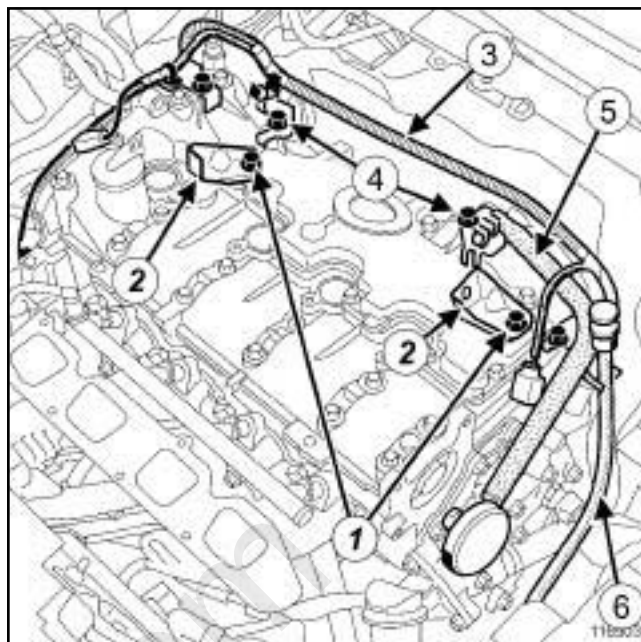
Tightening torques

oil decanter mounting bolts	13 Nm
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REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove:
 - the throttle valve (see **12A, Fuel mixture, Throttle valve: Removal - Refitting**, page **12A-33**) ,
 - the intake distributor (see **12A, Fuel mixture, Inlet distributor: Removal - Refitting**, page **12A-46**) ,
 - the ignition coils from cylinders 2, 3 and 4 (see **17A, Ignition, Coils: Removal - Refitting**, page **17A-2**) .

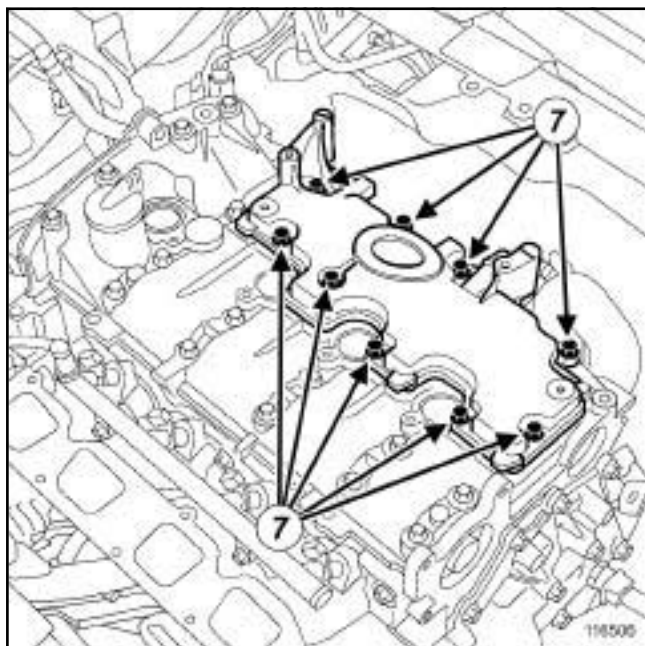


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- ☐ Remove:
 - the inlet manifold retaining bracket mounting bolts (1) ,
 - the inlet manifold retaining brackets (2) .
- ☐ Unclip the petrol vapour rebreathing solenoid valve wiring harness (3) .
- ☐ Remove:
 - the retaining bracket mounting bolts (4) ,
 - the retaining brackets.
- ☐ Disconnect the oil vapour rebreathing pipe (5) from the oil decanter.
- ☐ Remove the oil vapour rebreathing pipe.
- ☐ Unclip the breather hose (6) from the gearbox.

F4R

II - OPERATION FOR REMOVAL OF PART CONCERNED



❑ Remove:

- the mounting bolts (7) from the oil separator,
- the oil decanter.

REFITTING

I - REFITTING PREPARATIONS OPERATION

- ❑ Clean the joint faces.

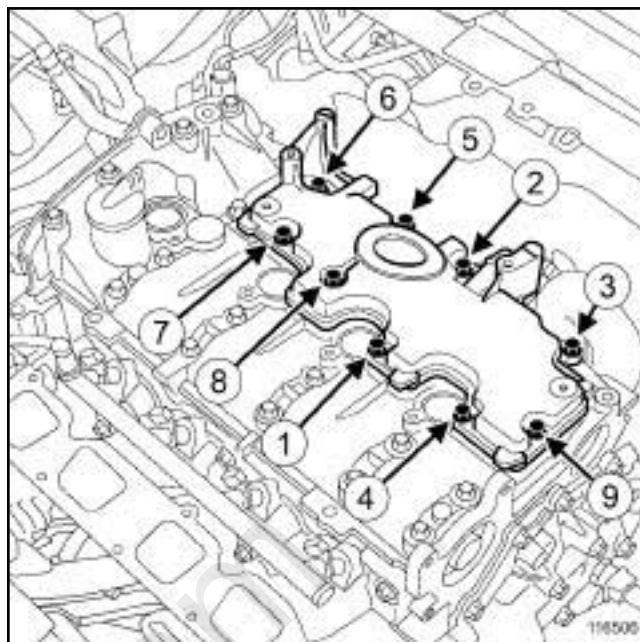
WARNING

The joint faces must be clean, dry and free from grease (avoid finger marks).

II - REFITTING OPERATION FOR PART CONCERNED

❑ Refit:

- the oil decanter fitted with a new seal,
- the oil decanter mounting bolts.



- ❑ Tighten to torque and in order the **oil decanter mounting bolts (13 Nm)**.

III - FINAL OPERATION.

- ❑ Refit the oil vapour rebreathing pipe.
- ❑ Connect the oil decanter oil vapour rebreathing hose.
- ❑ Refit:
 - the retaining brackets,
 - the retaining bracket mounting bolts.
- ❑ Connect the petrol vapour rebreathing solenoid valve wiring harness.
- ❑ Refit:
 - the inlet manifold retaining brackets,
 - the inlet manifold retaining bracket mounting bolts,
 - the ignition coils for cylinders 2, 3 and 4 (see **17A, Ignition, Coils: Removal - Refitting**, page 17A-2),
 - the intake distributor (see **12A, Fuel mixture, Inlet distributor: Removal - Refitting**, page 12A-46),
 - the throttle valve (see **12A, Fuel mixture, Throttle valve: Removal - Refitting**, page 12A-33).
- ❑ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).