

Inlet distributor: Removal - Refitting

D4F, and 784

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| <ul style="list-style-type: none"> ☐ Refit: <ul style="list-style-type: none"> - the intermediate pipe at the inlet of the inlet distributor, - the bolts for the intermediate pipe at the inlet of the inlet distributor. ☐ Connect the intermediate pipe at the intercooler outlet. ☐ Tighten the clip of the intermediate pipe at the intercooler outlet. ☐ Connect the throttle valve connector. ☐ Clip: <ul style="list-style-type: none"> - the vacuum pipe, - the throttle valve electrical wiring. ☐ Connect the compressor discharge valve air pipe. ☐ Tighten the compressor discharge valve air pipe clip. ☐ Connect: <ul style="list-style-type: none"> - the air temperature sensor connector, - the air pressure sensor connector. ☐ Refit the turbocharger air outlet pipe. ☐ Clip the turbocharger air outlet pipe onto the turbocharger. ☐ Refit: <ul style="list-style-type: none"> - the turbocharger air outlet pipe bolt on the inlet distributor, - the expansion bottle, - the clip. ☐ Connect the hose. ☐ Refit the clip using the (Mot. 1448). ☐ Remove the hose clamps. ☐ Refit: <ul style="list-style-type: none"> - the front bumper (see Front bumper: Removal - Refitting) (55A, Exterior protection), - the dipstick, - the engine oil filler neck, - the engine oil filler neck bolt. ☐ Connect the air inlet pipe to the air filter box. ☐ Refit the thermal protection shield. ☐ Clip on the thermal protection shield. ☐ Refit the power feed fuse board mounting. ☐ Clip on the power feed fuse board support. | <ul style="list-style-type: none"> ☐ Refit the power wiring nut on the fuse mounting. ☐ Attach the fuse connector to the fuse mounting. ☐ Refit: <ul style="list-style-type: none"> - the green fuse (30A), - the power feed fuse board mounting, - the battery (see Battery: Removal - Refitting) (80A, Battery). ☐ Refit the engine cover. |
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FUEL MIXTURE

Injector holder shim: Removal - Refitting

12A

K4J or K4M

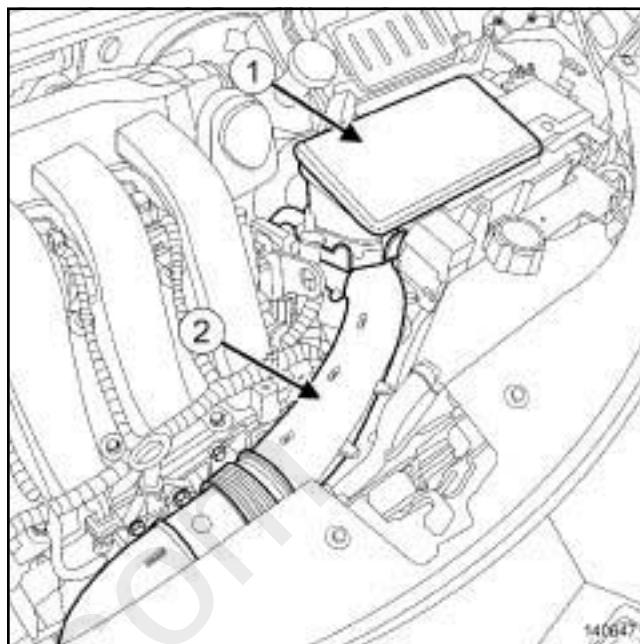
Tightening torques 	
bolts 1 and 2 on the injector holder shim	30 N.m
bolts 3 to 10 on the injector holder shim	25 N.m
upper timing cover bolt	46 N.m
right-hand pendulum suspension bolt	62 N.m

REMOVAL

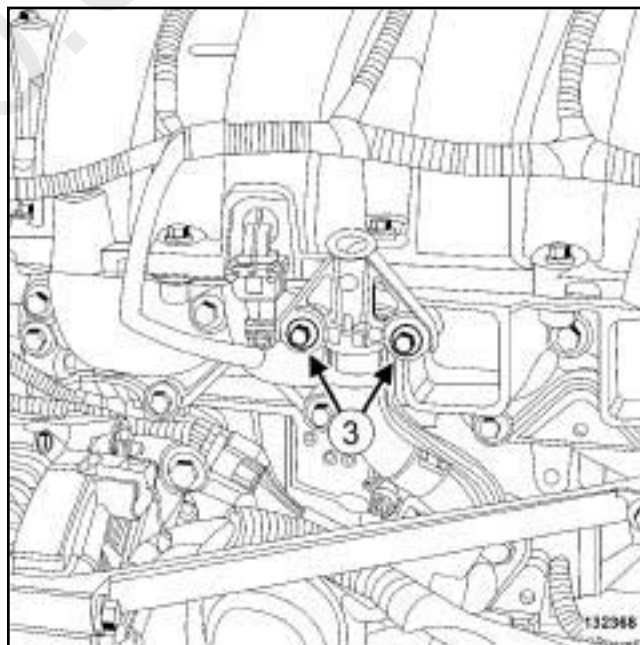
I - REMOVAL PREPARATION OPERATION

- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (80A, Battery).

K4M, and 862



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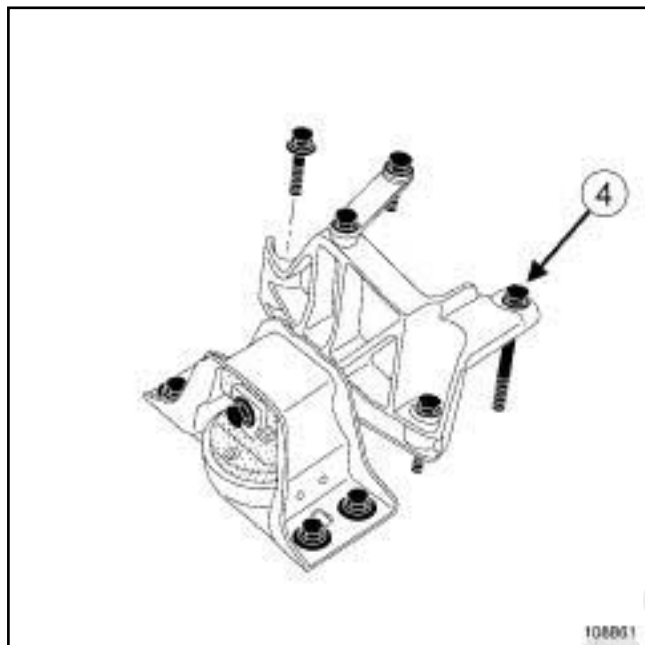
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- ☐ Remove:
 - the air resonator (1) .
 - the air filter unit air inlet pipe (2) ,
 - the dipstick,
 - the dipstick guide bolts (3) .
- ☐ Move aside the dipstick guide.

K4J or K4M

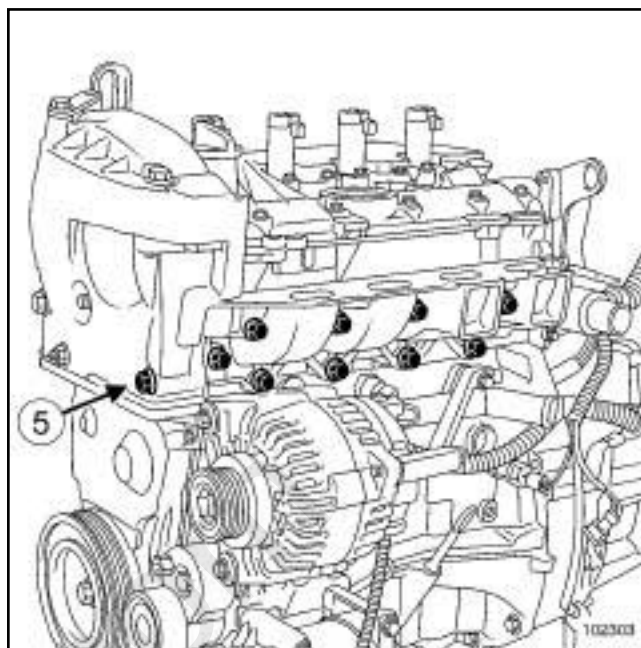
❑ Remove:

- the inlet distributor (see **12A, Fuel mixture, Inlet distributor: Removal - Refitting**, page **12A-46**) ,
- the injector rail (see **13A, Fuel supply, Injector rail - Injectors: Removal - Refitting**, page **13A-11**) .



- ❑ Remove the bolt (4) from the right-hand suspended engine mounting.

II - OPERATION FOR REMOVAL OF PART CONCERNED



❑ Remove:

- the bolt (5) from the upper timing cover,
- the injector holder shim bolts,
- the injector holder shim,
- the injector holder shim seal.

REFITTING

I - REFITTING PREPARATION OPERATION

- ❑ parts always to be replaced: Inlet shim seal (11, 04,04,09).
- ❑ Use **SURFACE CLEANER** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) to clean and degrease:
 - the gasket face of the injector holder shim, in case of reuse.

WARNING

To ensure proper sealing, the gasket surfaces must be clean, dry and not greasy (avoid any finger marks).

WARNING

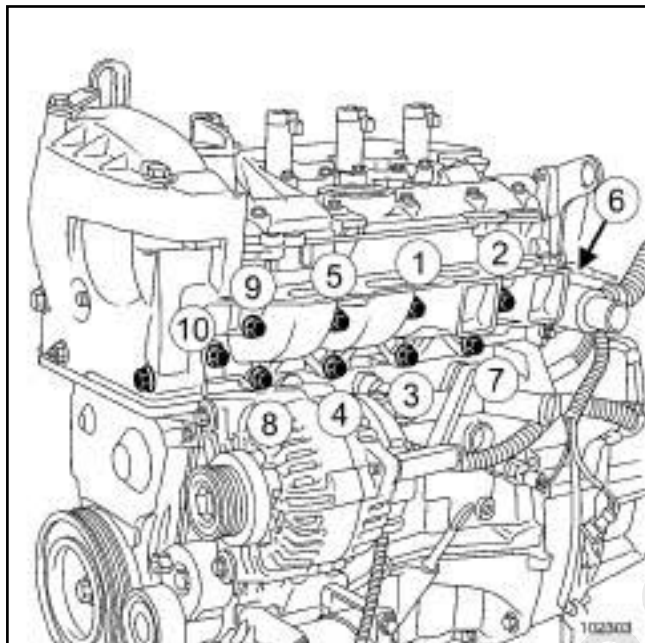
Do not scrape the joint faces of the aluminium, any damage caused to the joint face will result in a risk of leaks.

K4J or K4M

II - REFITTING OPERATION FOR PART CONCERNED

☐ Refit:

- a new seal on the injector holder shim,
- the injector holder shim.



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☐ Fit all the bolts.

☐ Place the injector holder shim against:

- the timing upper cover by manually bringing the bolt closer,
- the right-hand suspended engine mounting by tightening the bolt by hand.

☐ Tighten to torque and in order:

- **bolts 1 and 2 on the injector holder shim (30 N.m),**
- **bolts 3 to 10 on the injector holder shim (25 N.m).**

III - FINAL OPERATION

☐ Torque tighten:

- the **upper timing cover bolt (46 N.m),**
- the **right-hand pendulum suspension bolt (62 N.m).**

☐ Refit:

- the injector rail (see **13A, Fuel supply, Injector rail - Injectors: Removal - Refitting, page 13A-11**),

- the inlet distributor (see **12A, Fuel mixture, Inlet distributor: Removal - Refitting, page 12A-46**).

K4M, and 862

☐ Refit:

- the dipstick guide bolts,
- the dipstick,
- the air filter unit air inlet pipe,
- the air resonator.

- ☐ Connect the battery (see **Battery: Removal - Refitting**) (80A, Battery).

FUEL MIXTURE

Injector holder shim: Removal - Refitting

12A

F4R

Equipment required

Diagnostic tool

Tightening torques

injector holder plate mounting bolts	21 Nm
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stay mounting bolt between the alternator and the injector holder plate	21 Nm
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REMOVAL

I - REMOVAL PREPARATION OPERATION

☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).

☐ Remove:

- the motorised 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**) .

☐

IMPORTANT

During this operation, be sure to:

- refrain from smoking or bringing red hot objects close to the working area,
- beware of fuel splashes when disconnecting the union,
- protect sensitive areas from fuel outflow.

IMPORTANT

This procedure must be carried out with the ignition off.

IMPORTANT

Wear gloves during this operation.

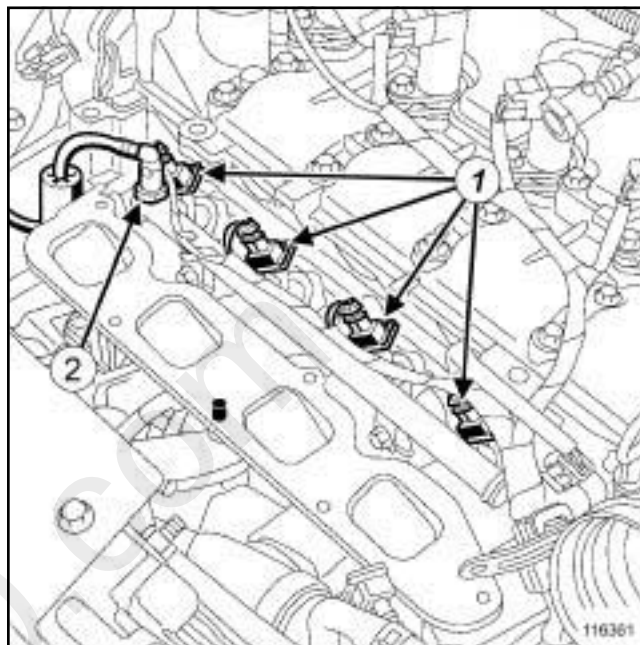
IMPORTANT

Beware of fuel outflow and splashes on the sensitive areas of the vehicle.

1 - When replacing the injector holder plate

☐ Remove the injector rail fitted with its injectors (see **13A, Fuel supply, Injector rail - Injectors: Removal - Refitting**, page **13A-11**) .

2 - removing a single injector holder plate



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☐ Disconnect:

- the injector connectors (1) ,
- the fuel inlet union (2) on the injector rail.

☐ Move the injector wiring harness to one side.