

Exhaust fuel injector: Removal - Refitting

K9K, and 772

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Always replace the diesel injector seal on its cooler.
- ☐ Fit the diesel injector fitted with its new seal and its retaining bracket on the cooler.

WARNING

Before tightening the bracket, check that the injector is correctly positioned in relation to the bracket.

Note:

Before tightening the bracket bolt, ensure that the injector is positioned properly in relation to its bracket: flat surfaces to guide the bracket on the injector ensure this correct position.

If the injector is incorrectly positioned, the entire particle filter will not work properly as the diesel fuel jet will not be correctly oriented.

- ☐ Torque tighten the **mounting bolt of the diesel injector retaining bracket (21 N.m)**.
- ☐ Connect to the diesel injector:
 - the diesel supply pipe union,
 - the electrical connector.

III - FINAL OPERATION

- ☐ Refit:
 - the battery tray (see **Battery tray: Removal - Refitting**) (MR 392, 80A, Battery),
 - the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery),
- ☐ Connect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Connect the **Diagnostic tool** to the vehicle.
- ☐ Run command **AC 237** : fuel pump relay.
- ☐ Wait for the command to end, then lift the vehicle and check that there are no leaks on the injector circuit: deal with any leaks.
- ☐ Refit:
 - the engine cover,
 - the engine undertray.

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Special tooling required

Ms. 583	Pipe clamps.
Mot. 1448	Remote operation pliers for hose clips.

Equipment required

Diagnostic tool

Tightening torques

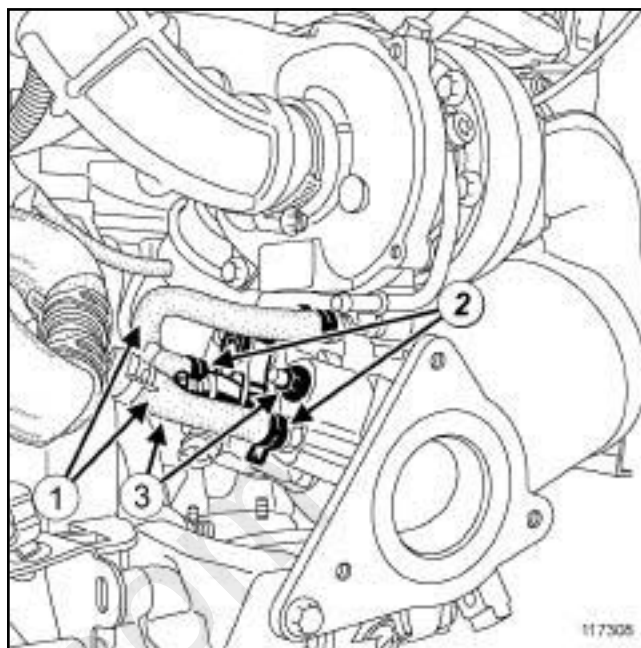
diesel injector cooler studs	on the catalytic pre-converter 9 N.m
diesel injector cooler nuts on the catalytic pre-converter	25 N.m

REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (MR 392, 02, Lifting equipment).
- ☐ Apply the discharge procedure for the exhaust injector fuel supply system (see **19B, Exhaust, Exhaust fuel injector: Removal - Refitting**, page 19B-64) .
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Remove:
 - the engine cover,
 - the engine undertray,
 - the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery),
 - the battery tray (see **Battery tray: Removal - Refitting**) (MR 392, 80A, Battery),
 - the diesel injector from the catalytic pre-converter (see **19B, Exhaust, Exhaust fuel injector: Removal - Refitting**, page 19B-64) .

II - OPERATION FOR REMOVAL OF PART CONCERNED



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- ☐ Place a (**Ms. 583**) or a hose clamp on the hoses (1) of the catalytic pre-converter diesel injector cooler.
- ☐ Release the clips (2) using the (**Mot. 1448**).
- ☐ Disconnect the diesel injector cooler hoses on the catalytic pre-converter.

Note:

Be prepared for the escape of coolant.

- ☐ Remove:
 - the catalytic pre-converter diesel injector cooler nuts (3) ,
 - the diesel injector cooler on the catalytic pre-converter,
 - the seal from the diesel injector cooler on the catalytic pre-converter, then discard it.

Note:

Be prepared for the escape of coolant.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ If replacing, torque tighten the **diesel injector cooler studs (on the catalytic pre-converter 9 N.m)**.