

PREHEATING

Pre-postheating unit: Removal - Refitting

13C

K9K

Tightening torques 	
pre-postheating unit mounting nut	9 Nm

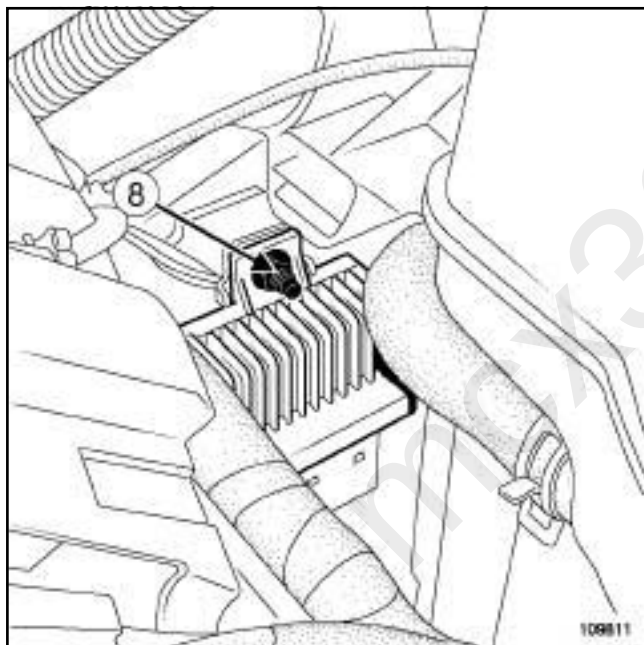
REMOVAL

I - REMOVAL PREPARATION OPERATION

☐ Remove:

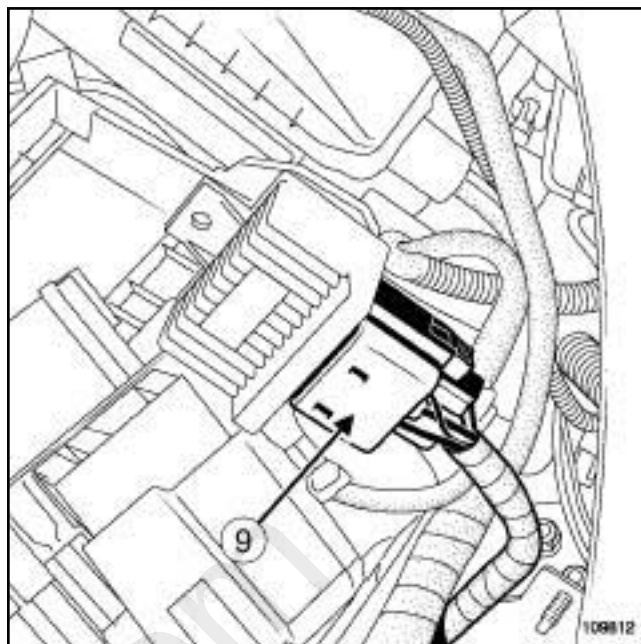
- the battery (see **Battery: Removal - Refitting**) ,
- the battery tray (see **Battery tray: Removal - Refitting**) (MR 392, 80A, Battery).

II - OPERATION FOR REMOVAL OF PART CONCERNED



109811

- ☐ Remove the pre-postheating unit mounting bolt (8) .



109812

- ☐ Disconnect the pre-postheating unit connector (9) .
- ☐ Remove the pre-postheating unit.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Connect the pre-postheating unit connector.
- ☐ Refit the pre-postheating unit.
- ☐ Tighten to torque the **pre-postheating unit mounting nut (9 Nm)**.

II - FINAL OPERATION.

- ☐ Refit the battery (see **Battery: Removal - Refitting**) .

PREHEATING

Heater plugs: Removal - Refitting

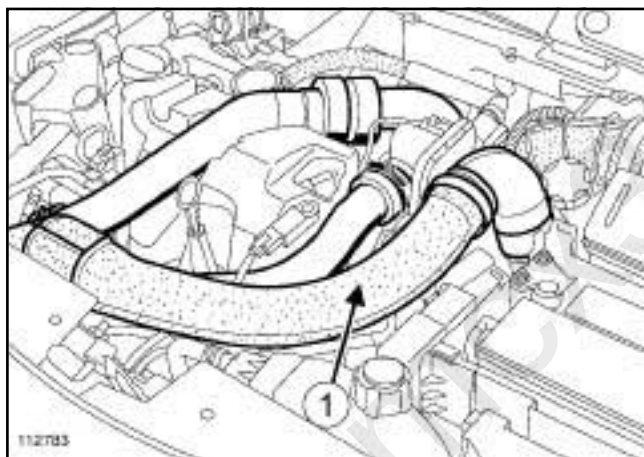
13C

K9K, and 764 or 772

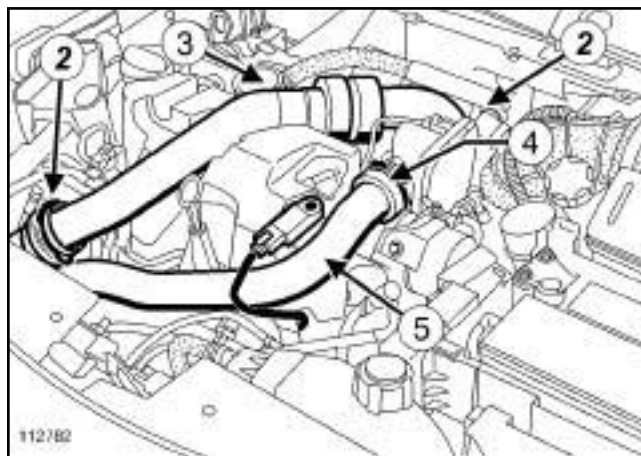
Tightening torques 	
heater plugs	15 Nm
injector rail protector cover bolt	8 Nm
injector rail protector cover nut	8 Nm
nut mounting the inter-cooler inlet air pipe on the alternator	8 Nm
intercooler outlet air pipe clip	5.5 Nm

REMOVAL

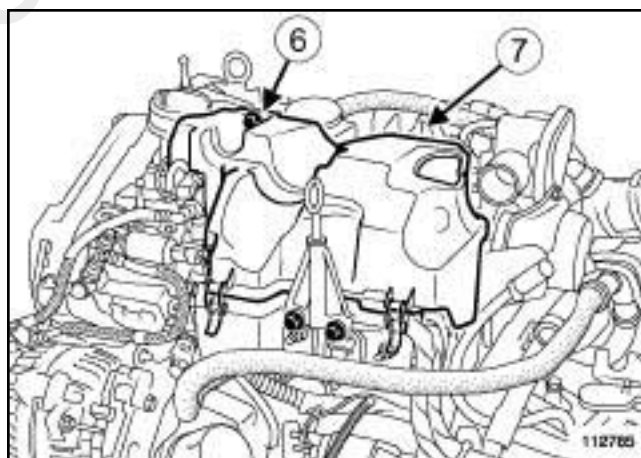
I - REMOVAL PREPARATION OPERATION



- ☐ Remove the air filter box inlet air pipe (1) .



- ☐ Remove the turbocharger outlet air pipe retaining pins (2) .
- ☐ Remove:
 - the turbocharger outlet air pipe bolt (3) ,
 - the turbocharger outlet air pipe
- ☐ Undo the clip (4) from the intercooler outlet air pipe.
- ☐ Move the intercooler outlet air pipe to one side (5) .
- ☐ Remove the dipstick.



- ☐ Unclip the rail protector cover.
- ☐ Remove:
 - the injector rail protector cover bolt (6) ,
 - the injector rail protector cover nut (7) ,
 - the injector rail protector cover,

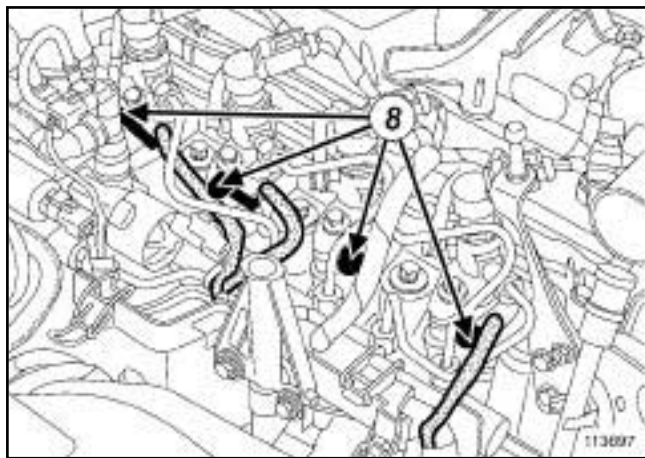
PREHEATING

Heater plugs: Removal - Refitting

13C

K9K, and 764 or 772

II - OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Disconnect the heater plug connectors (8) .
- ☐ Blow around the heater plugs with compressed air to prevent contamination of the cylinders.
- ☐ Undo then remove the plugs using a **10 mm** diameter long socket connected to a universal joint.

Note:

Use a hose to unscrew the plugs completely.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the heater plugs.

WARNING

Ensure that no foreign bodies enter the cylinder during this operation.

- ☐ Torque tighten the **heater plugs (15 Nm)**.
- ☐ Connect the heater plug connectors.

II - FINAL OPERATION

- ☐ Refit:
 - the injector rail protector cover,
 - the injector rail protector cover nut,
 - the injector rail protector cover bolt.
- ☐ Tighten to torque:
 - the **injector rail protector cover bolt (8 Nm)**,
 - the **injector rail protector cover nut (8 Nm)**.

- ☐ Clip the injector rail protector cover into place.
- ☐ Refit the dipstick.
- ☐ Undo the intercooler inlet air pipe nut on the alternator.
- ☐ Fit:
 - the turbocharger air outlet pipe,
 - the turbocharger outlet air pipe retaining pins.
- ☐ Click into place the turbocharger outlet air pipe.
- ☐ Tighten the turbocharger outlet air pipe bolt on the rocker cover.
- ☐ Torque tighten the **nut mounting the intercooler inlet air pipe on the alternator (8 Nm)**.
- ☐ Fit the intercooler outlet air pipe.
- ☐ Torque tighten the **intercooler outlet air pipe clip (5.5 Nm)**.
- ☐ Refit the turbocharger outlet air pipe.
- ☐ Fit the turbocharger outlet air pipe retaining pins.
- ☐ Refit the air filter box inlet air pipe.

PREHEATING

Heater plugs: Removal - Refitting

13C

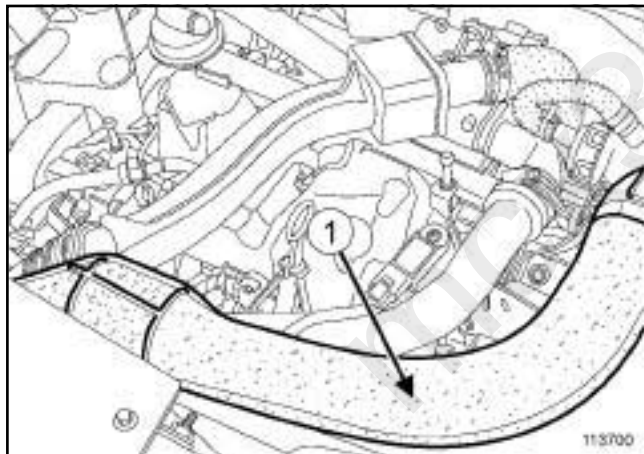
K9K, and 750 or 752 or 766 or 768

Tightening torques 	
heater plugs	15 Nm
turbocharger outlet air pipe clip	5.5 Nm
intercooler outlet air pipe clip	5.5 Nm
nut mounting the inter-cooler inlet air pipe on the alternator	8 Nm
intercooler outlet air pipe clip	5.5 Nm

REMOVAL

REMOVAL PREPARATION OPERATION

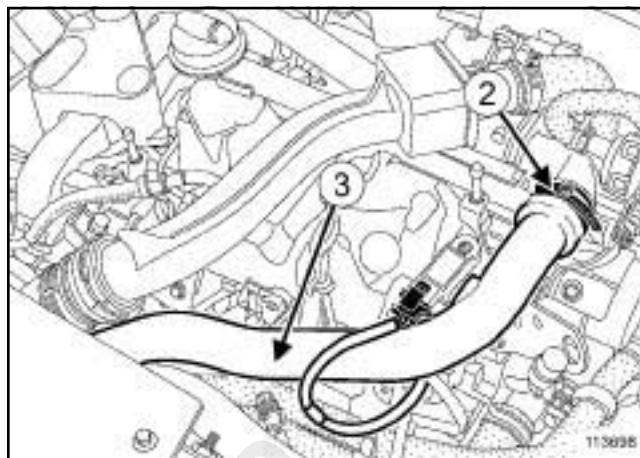
- ❑ Disconnect the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).



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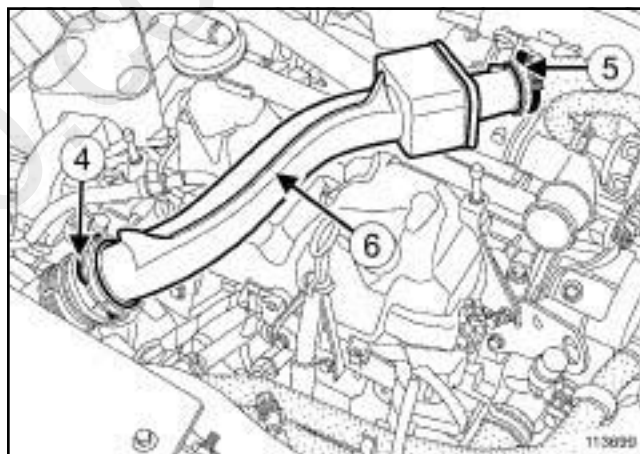
- ❑ Remove the air filter box inlet air pipe (1) .

K9K, and 750 or 768



113698

- ❑ Undo the clip (2) from the intercooler outlet air pipe.
- ❑ Move the intercooler outlet air pipe to one side (3) .



113699

- ❑ Remove the turbocharger outlet air pipe retaining pin (4) .
- ❑ Loosen the turbocharger outlet air pipe clip (5) .
- ❑ Remove the turbocharger outlet air pipe (6) .

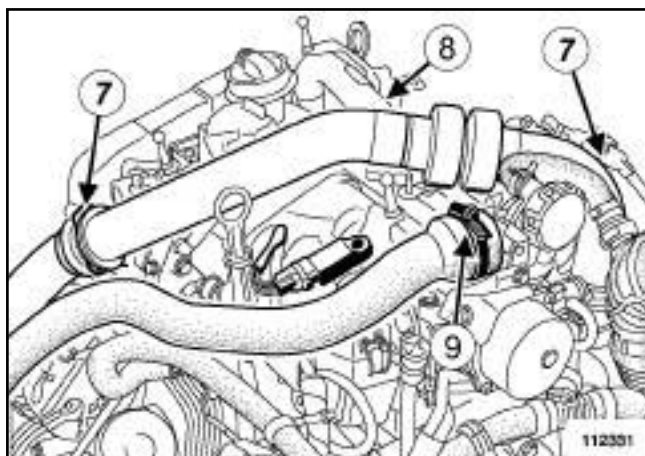
PREHEATING

Heater plugs: Removal - Refitting

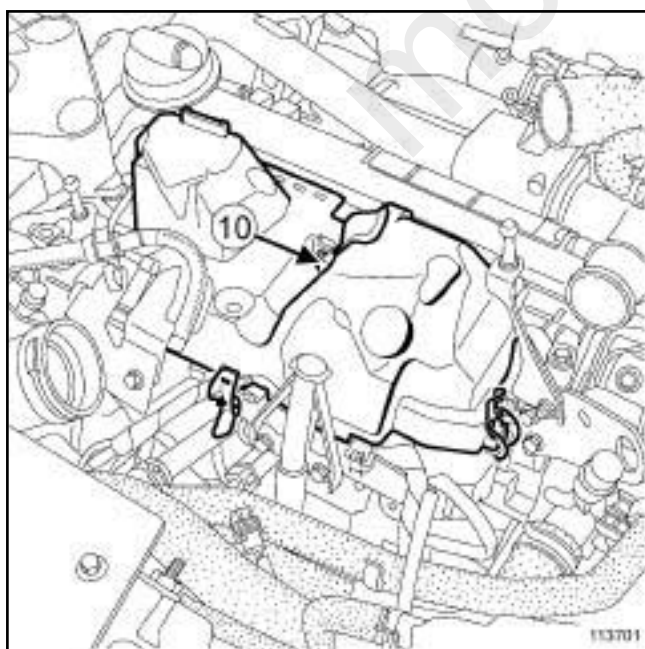
13C

K9K, and 750 or 752 or 766 or 768

K9K, and 766

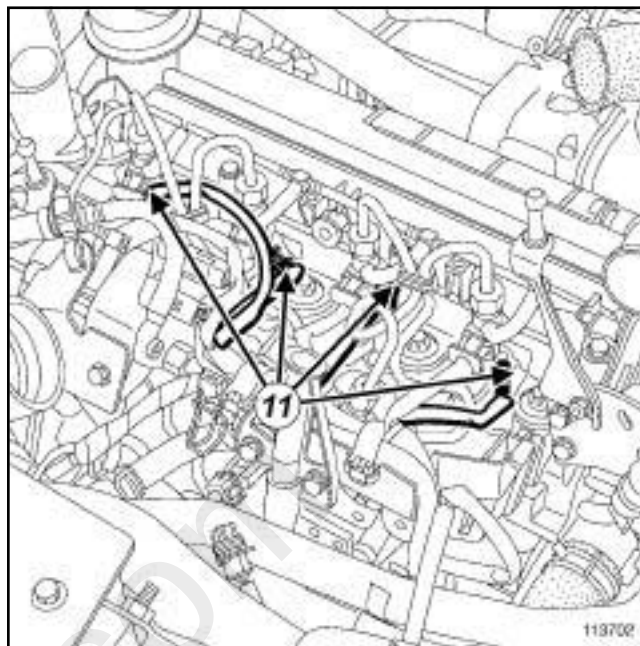


- ☐ Remove the turbocharger outlet air pipe retaining pins (7) .
- ☐ Remove:
 - the turbocharger outlet air pipe bolt (8) on the rocker cover,
 - the turbocharger outlet air pipe.
- ☐ Undo the clip (9) from the intercooler outlet air pipe.
- ☐ Move the intercooler outlet air pipe to one side.



- ☐ Unclip the rail protector.
- ☐ Remove the rail protector bolt (10) .

OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Disconnect the heater plug connectors (11) .
- ☐ Blow around the heater plugs with compressed air to prevent contamination of the cylinders.
- ☐ Undo then remove the plugs using a **10 mm** diameter long socket connected to a universal joint.

Note:

Use a hose to unscrew the plugs completely.

REFITTING

I - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit the heater plugs.

WARNING

Ensure that no foreign bodies enter the cylinder during this operation.

- ☐ Torque tighten the **heater plugs (15 Nm)**.
- ☐ Connect the heater plug connectors.

II - FINAL OPERATION.

- ☐ Refit the rail protector.