

TURBOCHARGING

Turbocharger oil pipe: Removal - Refitting

12B

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- ☐ Extract the turbocharger oil return pipe from the cylinder block.
- ☐ Remove the turbocharger oil return pipe seals.

REFITTING THE TURBOCHARGER OIL RETURN PIPE

I - REFITTING PREPARATION OPERATION

- ☐ **parts always to be replaced: turbocharger oil pipe seal.**
- ☐ Use **SURFACE CLEANER** (see **Vehicle: Towing and lifting**) (04B, Consumables - Products) to clean and degrease:
 - the seal housing on the turbocharger oil return pipe if it is to be reused,
 - the turbocharger oil return pipe joint face if it is to be reused,
 - the turbocharger oil return pipe joint face on the turbocharger,
 - the turbocharger oil return pipe housing in the cylinder block.

WARNING

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

- ☐ Lubricate the turbocharger oil return pipe O-ring with clean engine oil.

II - REFITTING OPERATION

- ☐ Proceed in the reverse order to removal.
- ☐ Torque tighten the **turbocharger oil return pipe bolts (12 N.m)**.

TURBOCHARGING

Intercooler: Removal - Refitting

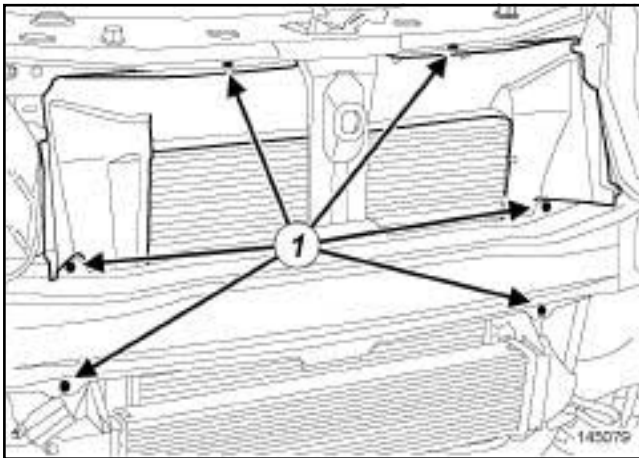
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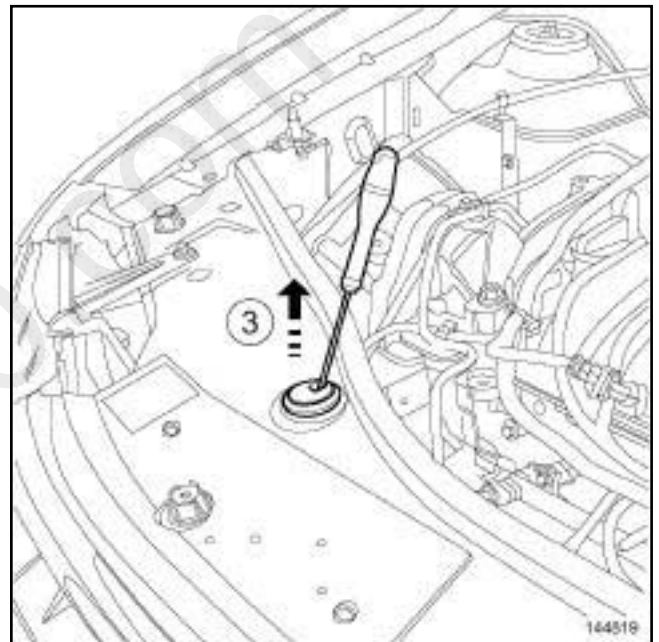
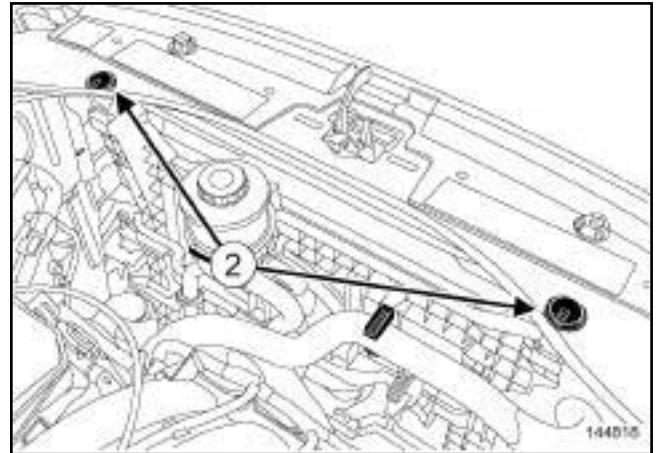
REMOVAL

I - REMOVAL PREPARATION OPERATION

- ☐ Position the vehicle on a two-post lift (see **Vehicle: Towing and lifting**) (02A, Lifting equipment).
- ☐ Disconnect the battery (see **Battery: Removal - Refitting**) (80A, Battery).
- ☐ Remove the front bumper (see **Front bumper assembly: Exploded view**) (55A, Exterior protection).



- ☐ Remove:
 - the air deflector mounting pins (1) ,
 - the air deflector.



- ☐ Press the clips of the fan assembly centring pins (2) using a screwdriver and pull them in the direction of the arrow (3) .
- ☐ Remove the fan assembly centring pins (2) .

II - REMOVAL OPERATION

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Note:

Do not damage the cooling unit vanes (radiator, condenser, etc.) during handling.