

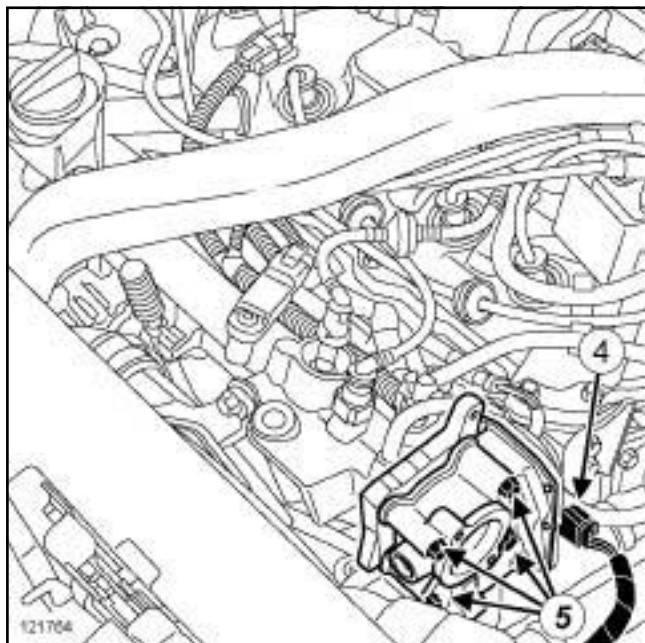
FUEL MIXTURE

Throttle valve: Removal - Refitting

12A

D4F, and 784

II - OPERATION FOR REMOVAL OF PART CONCERNED



- ☐ Disconnect the connector (4) from the throttle valve.
- ☐ Remove:
 - the throttle valve bolts (5) ,
 - the throttle valve,
 - the throttle valve seal.

REFITTING

I - REFITTING PREPARATION OPERATION

- ☐ Replace the throttle valve seal.
- ☐ Use abrasive pads to clean the bearing faces of:
 - the intake distributor - throttle valve,
 - the throttle valve - intercooler air outlet pipe.
- ☐ Use **SURFACE CLEANER** (see **Vehicle: Parts and consumables for the repair**) (MR 398, 04B, Consumables - Products) and clean cloths to degrease the bearing faces:
 - the intake distributor - throttle valve,
 - the throttle valve - intercooler air outlet pipe.

WARNING

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

II - REFITTING OPERATION FOR PART CONCERNED

- ☐ Refit:
 - the throttle valve seal,
 - the throttle valve,
 - the throttle valve bolts.
- ☐ Torque tighten the **throttle valve bolts (10 Nm)**.
- ☐ Connect the throttle valve connector.

III - FINAL OPERATION.

- ☐ Refit:
 - the intercooler outlet air pipe,
 - the intercooler air outlet pipe bolts.
- ☐ Clip:
 - the vacuum pipe,
 - the harness.
- ☐ Connect:
 - the air filter box air inlet pipe,
 - the battery (see **Battery: Removal - Refitting**) (MR 392, 80A, Battery).
- ☐ Refit the engine cover.
- ☐ Program the motorised throttle valve (see **Fault finding - Replacement of components**)(MR387, 17B, Petrol injection).

FUEL MIXTURE

Throttle valve: Cleaning

12A

D4F or F4R or K4J or K4M or M4R

Equipment required

compressed air nozzle

IMPORTANT

Wear leaktight gloves (Nitrile type) for this operation.

IMPORTANT

Always wear protective gear (gloves, goggles and breathing masks).

Note:

Be sure to work in a clean environment so as not to allow any contamination of the throttle valve.

CLEANING

I - CLEANING PREPARATION OPERATION

- ☐ Remove the throttle valve (see **12A, Fuel mixture, Throttle valve: Removal - Refitting**, page **12A-33**)

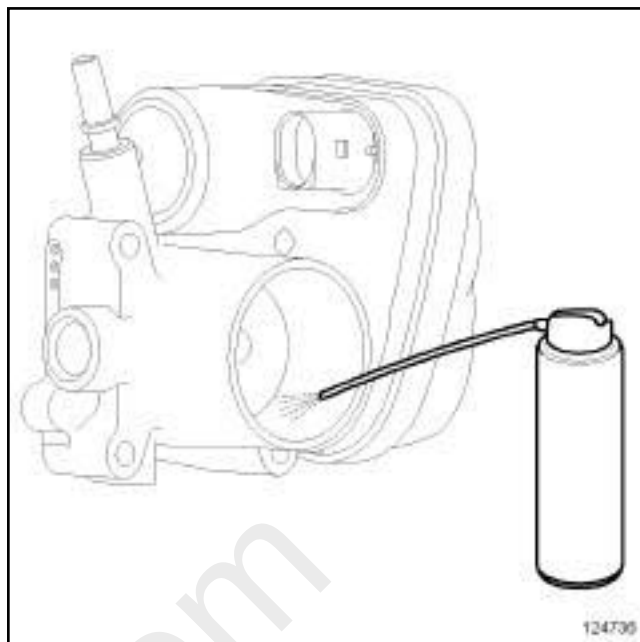
II - CLEANING THE PART CONCERNED

☐

Note:

The **CARBURETTOR CLEANING** product damages the seals.

- ☐ Remove the seal(s) of the throttle valve.



124736

- ☐ Hold the throttle valve flap open manually.

Note:

Do not spray any cleaning product onto the outside of the cylinder, inside the spring housing or onto the connector.

- ☐ Spray **CARBURETTOR CLEANER** (see **Vehicle: Parts and consumables for the repair**) (04B, Consumables - Products) into the air vent until all traces of clogging have disappeared.