



	Type	S/Section	
Twingo	XC0 6	12A	17A
Kangoo	XCX X	12A	17A
Clio II	XBX X	12A	17A
Mégane	XAX X	12A	17A
Mégane II	XMV X	12A	17A
Scénic	JAX X	12A	17A
Scénic	JMX X	12A	17A
Laguna	X56 X	12A	17A
Laguna II	XGX X	12A	17A
Avantime	DEX X	12A	17A
Espace III	JEX X	12A	17A
Espace IV	XKX X	12A	17A
Vel Satis	XJX X	12A	17A
Trafic II	XLX X	12A	17A

**12A** CLEANING THE THROTTLE VALVES

*Other subsection concerned:* **17A**

- Engine: **XXX**
- Gearbox: **XXX**

**Basic manuals:**  
All Workshop Repair Manuals

Procedure for cleaning the throttle valves when they have been soiled.

Ensure by a visual inspection that the throttle valve is indeed soiled before removing it.

Cleaner to use: part number **77 11 171 437**

"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

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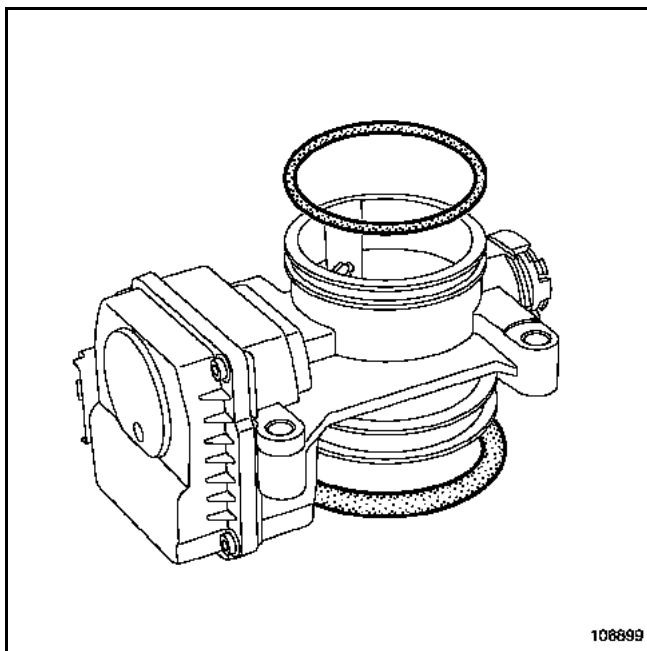
### REMOVAL

#### IMPORTANT

Wear protective glasses and gloves during the operation.  
Be sure to work in a clean environment so as not to allow any contamination of the throttle valve.

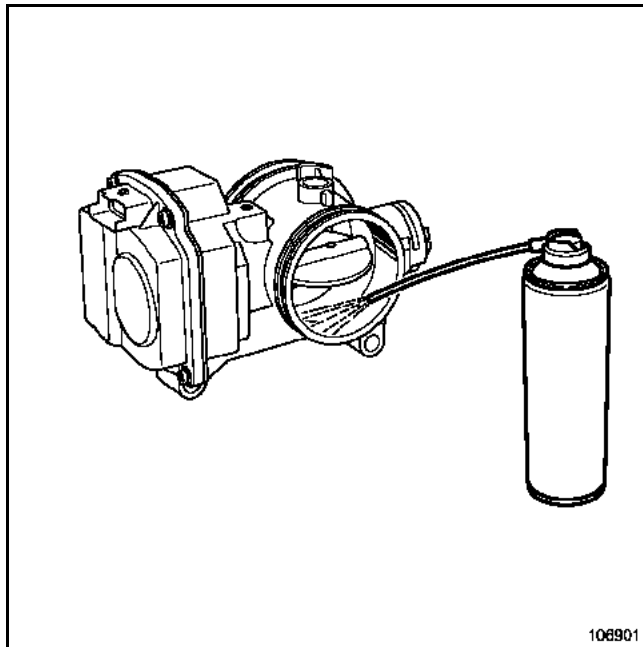
Disconnect the battery, starting with the negative terminal.

Remove the throttle valve (see chapter **12A, Fuel Mixture, Throttle Valve** in the Workshop Repair Manual of the vehicle in question).



Remove the external O-ring seals from the throttle valve.

Note:  
Renault carburettor cleaner (part number: **77 11 171 437**) attacks the seals.

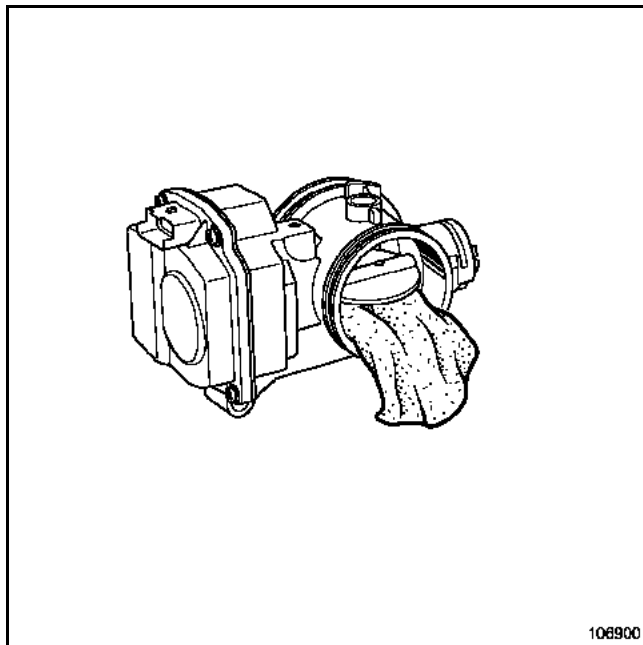


Hold the throttle valve flap open manually.

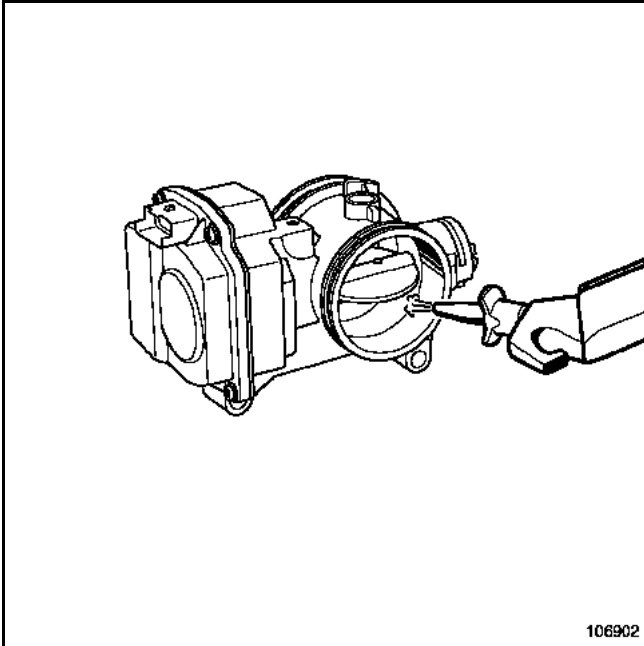
Spray the cleaner into the cavity of the throttle valve until all traces of soiling have disappeared.

#### WARNING

Do not allow the cleaner to fall on the spring housing or the connector.



Wipe away cleaner and soil residue with paper.



Blow out any paper debris with compressed air from the nozzle. Blow first around the valve, then inside the throttle valve cavity.

Replace the O-ring seals of the throttle valve.

**Note:**

If the throttle valve is dropped or receives any other impact, it will need to be replaced.

### REFITTING

Reinstall the throttle valve (see chapter **12A, Fuel Mixture, Throttle Valve** in the Workshop Repair Manual of the vehicle in question).

**WARNING**

Connect the battery starting with the positive terminal; perform the necessary programming. (See section **8 entitled Electrical equipment** in the Workshop Repair Manual of the vehicle in question).

### MOTORISED THROTTLE VALVE

With the **fault-finding tool** reinitialise the programming of the thrust bearings:

- (for injection systems **S2000** or **Sirius34**) use the erase command **RZ008 "Reinitialise programming"**.
- (for injection systems **S3000**) use the erase command **RZ005 "Programming"**.

When the ignition is switched on, the throttle valve should go through a cycle of programming the MINI and MAXI throttle stop positions.

Using the **fault-finding tool**, check that the programming has been carried out correctly:

- (for injection systems **S2000** or **Sirius34**) message title **"Programming Throttle Stops" ET111**.
- (for injection systems **S3000**) message title **"Programming Throttle Stops" ET051**.