

The thermostat cannot be separated from the water inlet housing.



In the event of a fault, replace the water inlet housing([see 19A, Cooling, Water chamber: Removal - Refitting](#)) .



Apply the After repair procedure using the Diagnostic tool [Diagnostic tool : Use](#) :

-Computer concerned by the After repair procedure:



"Injection computer" ,

-Component controlled by this computer concerned by the After repair procedure:



"Thermostatic controlled component" .



Repair-10x06x03-01x37-1-71-1.xml



XSL version : 3.02 du 22/07/11

THROTTLE VALVE: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Equipment required

Diagnostic tool



parts always to be replaced:



Throttle valve seal

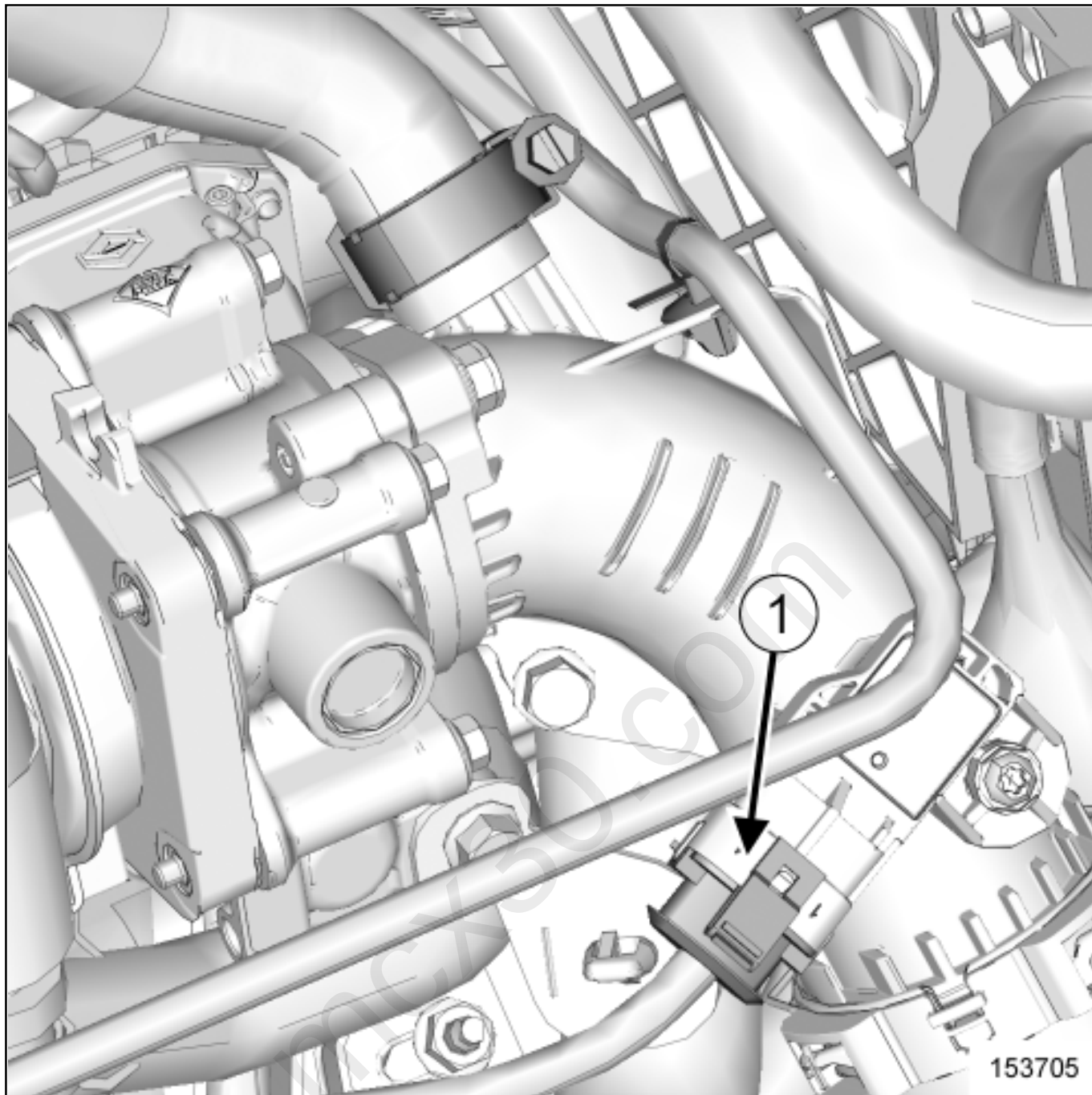
Locations and specifications (tightening torques, parts always to be replaced, etc.) [\(see 12A, Fuel mixture, Air inlet assembly: Exploded view\)](#) .

REMOVAL

1. REMOVAL PREPARATION OPERATION

■ Remove [\(see 12A, Fuel mixture, Air inlet assembly: Exploded view\)](#) :

- the air inlet pipe,
- the air pipe link between intercooler outlet pipe and high pressure discharge valve.

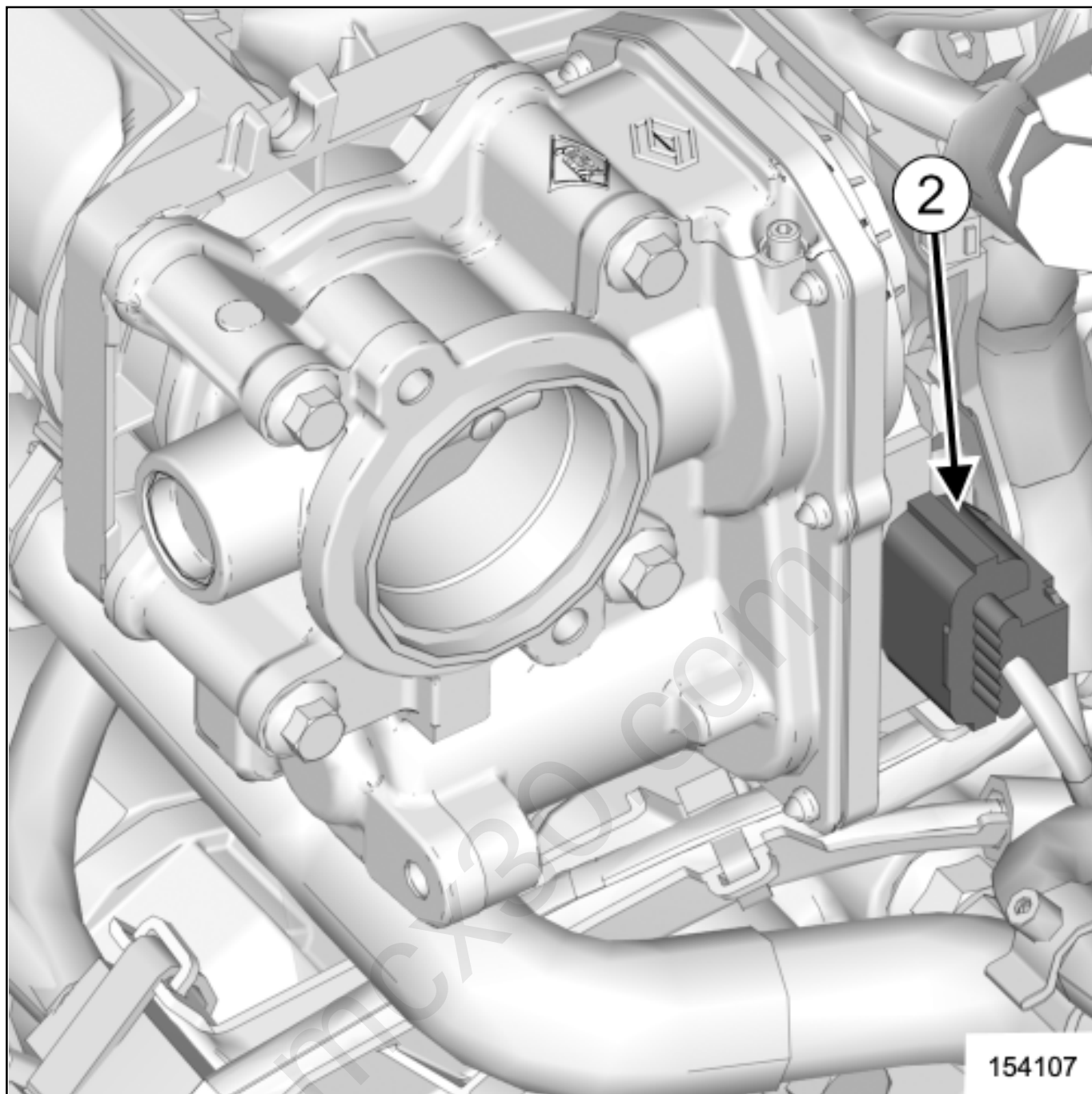


■ Disconnect the air temperature and pressure sensor connector(1).

■ Remove [\(see 12A, Fuel mixture, Air inlet assembly: Exploded view\)](#) :

- the throttle valve air inlet pipe bolts,
- the throttle valve air inlet pipe,
- the throttle valve air inlet pipe seal.

2. REMOVAL OPERATION



■ Disconnect the throttle valve connector(2) .

■ Remove [\(see 12A, Fuel mixture, Air inlet assembly: Exploded view\)](#) :

- the throttle valve bolts,
- the throttle valve,
- the throttle valve seal.

REFITTING

1. REFITTING PREPARATION OPERATION

parts always to be replaced:  Throttle valve seal .

- Part always to be replaced:
 - the throttle valve air inlet pipe seal.

- Use surface cleaner Vehicle: Parts and consumables for the repair to clean and degrease:
 - the seal housing on the inlet manifold,
 - the seal housing on the throttle valve air inlet pipe,
 - the seal housing on the throttle valve, if being reused.



CAUTION

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

2. REFITTING OPERATION

- Refit (see 12A, Fuel mixture, Air inlet assembly: Exploded view) :
 - the new throttle valve seal,
 - the throttle valve.
- Torque tighten the throttle valve bolts (see 12A, Fuel mixture, Air inlet assembly: Exploded view) .
- Connect the throttle valve connector.

3. FINAL OPERATION

- Refit (see 12A, Fuel mixture, Air inlet assembly: Exploded view) :

- the new throttle valve air inlet pipe seal,
 - the throttle valve air inlet pipe.



Torque tighten the throttle valve air inlet pipe bolts (see 12A, Fuel mixture, Air inlet assembly: Exploded view) .



Connect the air temperature and pressure sensor connector.

