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FUEL PRESSURE: CHECK



Note, one or more warnings are present in this procedure



Special tooling required

Pressure gauges and petrol pressure measuring unions.	Mot. 1311-01
Union for taking fuel pressure measurements.	Mot. 1311-08



WARNING

■ During this operation, be sure to:

- refrain from smoking or bringing red hot objects close to the working area,
- be careful of fuel splashes when disconnecting the union.



WARNING

Wear goggles with side protectors for this operation.



WARNING

Wear leaktight gloves (Nitrile type) for this operation.

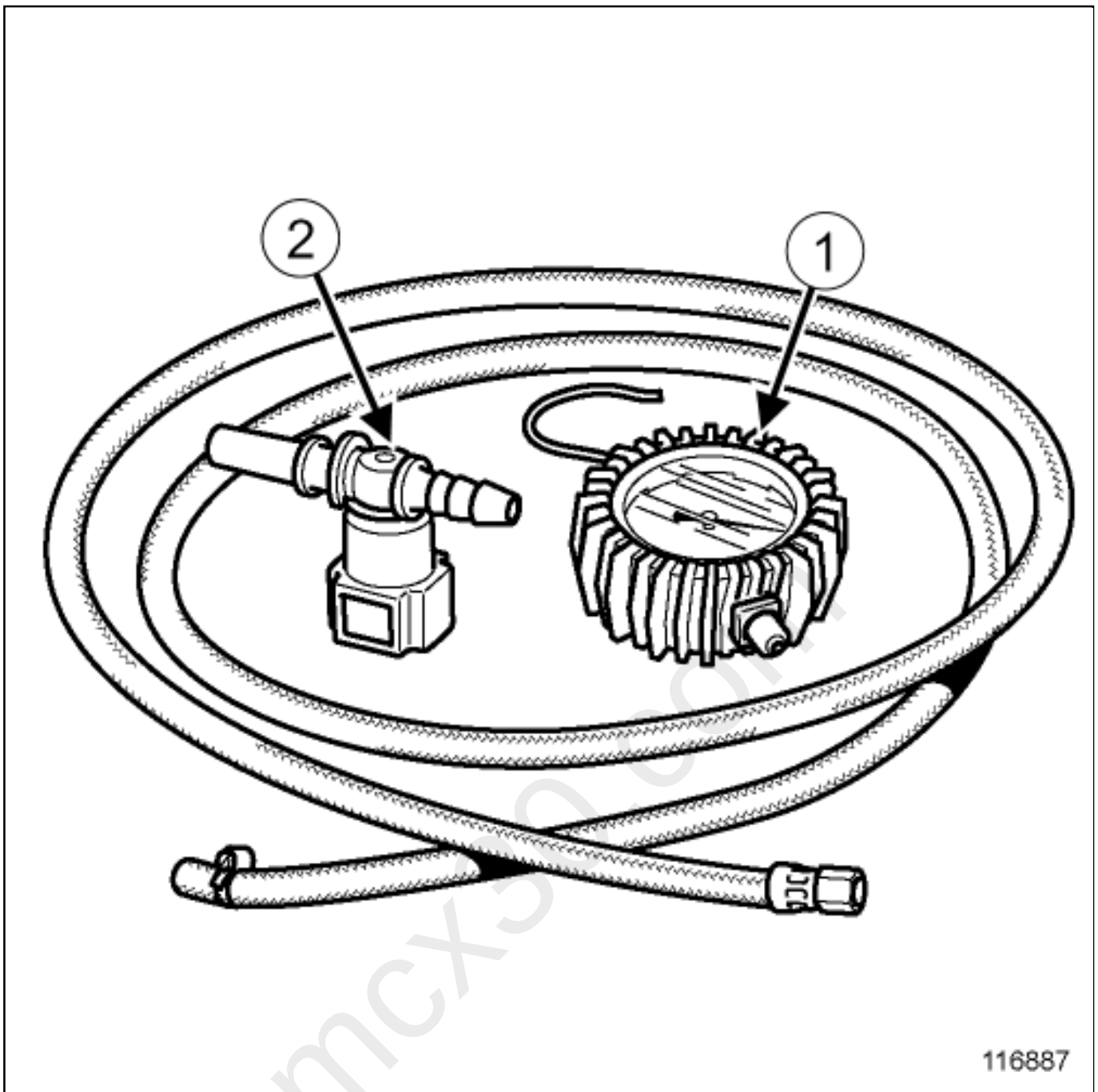


CAUTION

To avoid any corrosion or damage, protect the areas on which fuel is likely to run.

CHECK

1. PREPARATION OPERATION FOR THE CHECK



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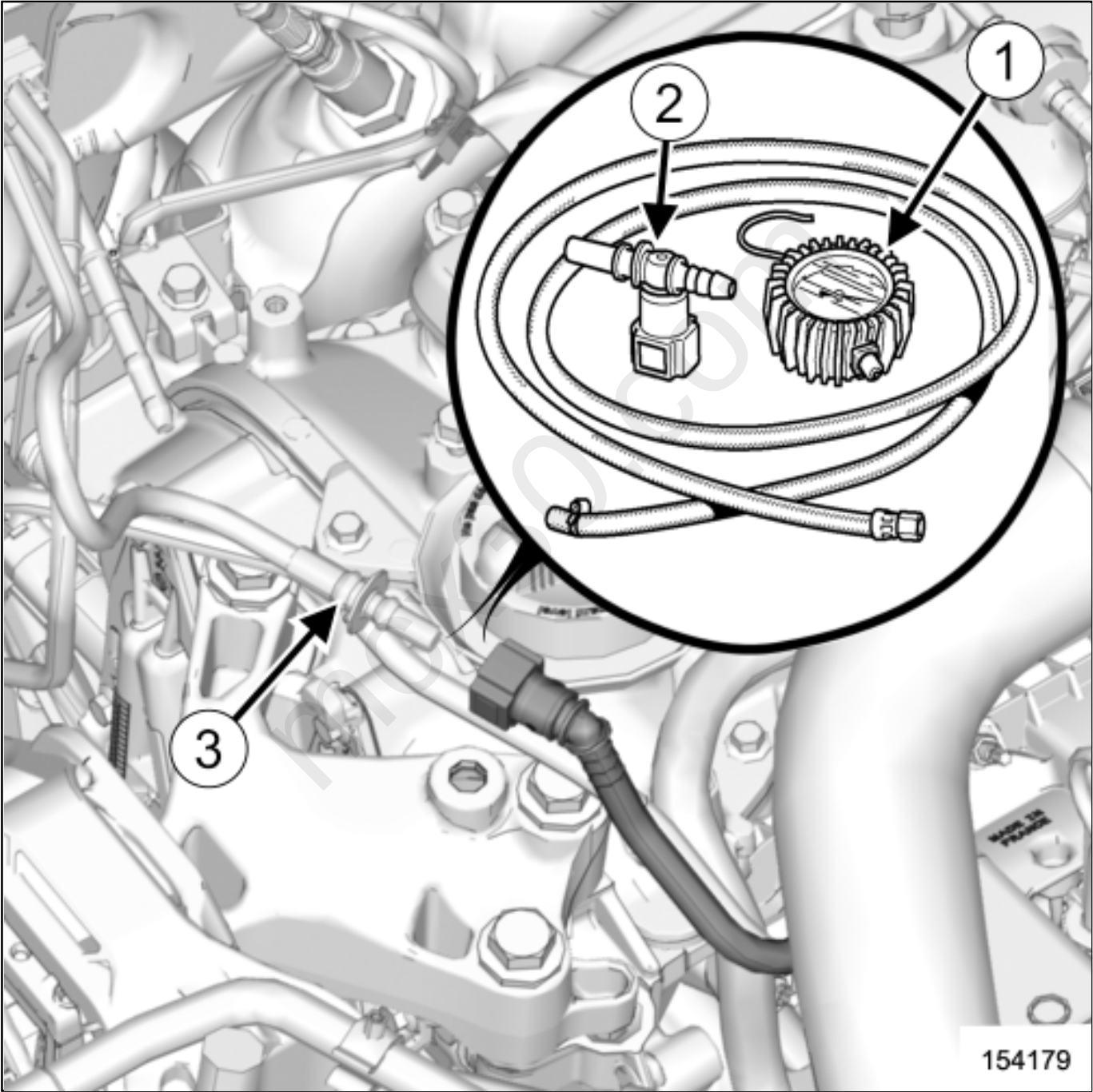


Ensure you have a checking tool Pressure gauges and petrol pressure measuring unions.(Mot. 1311-01) and a “T” union Union for taking fuel pressure measurements.(Mot. 1311-08) .

2. TEST OPERATION



Disconnect the petrol inlet duct from the injector rail(see Petrol injection: List and location of components) .



Unclip the fuel pipe from the right-hand suspended engine mounting.

Connect:



the pipe fitted with a test pressure gaugePressure gauges and petrol pressure measuring unions.(Mot. 1311-01) (1) with the "T" unionUnion for taking fuel pressure measurements.(Mot. 1311-08) (2) ,



the "T" unionUnion for taking fuel pressure measurements.(Mot. 1311-08) to the injector rail,



the injector rail fuel supply union to the "T" unionUnion for taking fuel pressure measurements.(Mot. 1311-08) .



Start the engine.



Determine the pressure:



the pressure must be a constant 3.5 bar,



it may take a few seconds to obtain a correct injector rail pressure reading.



Switch off the engine.



3. FINAL OPERATION



Remove the "T" unionUnion for taking fuel pressure measurements.(Mot. 1311-08) .



Separate the test toolPressure gauges and petrol pressure measuring unions.(Mot. 1311-01) from the "T" union.



Connect the fuel supply union to the injector rail.

