

Disconnect the petrol compression gauge.

Refit:

the spark plugs([see 11A, Top and front of engine, Cylinder head assembly: Exploded view](#)) ,

the coils([see 11A, Top and front of engine, Cylinder head assembly: Exploded view](#)) .

Refit the turbocharger air outlet pipe([see 12A, Fuel mixture, Air inlet assembly: Exploded view](#)) .

Remove the card from the reader to interrupt the + after ignition feed and wait for the loss of communication message to appear on the Diagnostic tool.



Note:

If the message does not appear, wait 9 minutes.

When the loss of communication message appears or after waiting 9 minutes, force the vehicle's + after ignition feed.



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PRESSURE AT END OF COMPRESSION: CHECK



Note, one or more warnings are present in this procedure



Equipment required

Diagnostic tool

petrol compression gauge



WARNING

Before carrying out any operation on a vehicle fitted with the Stop & Start system, always follow the safety instructions [Vehicle: Precautions for the repair](#) .

CHECK

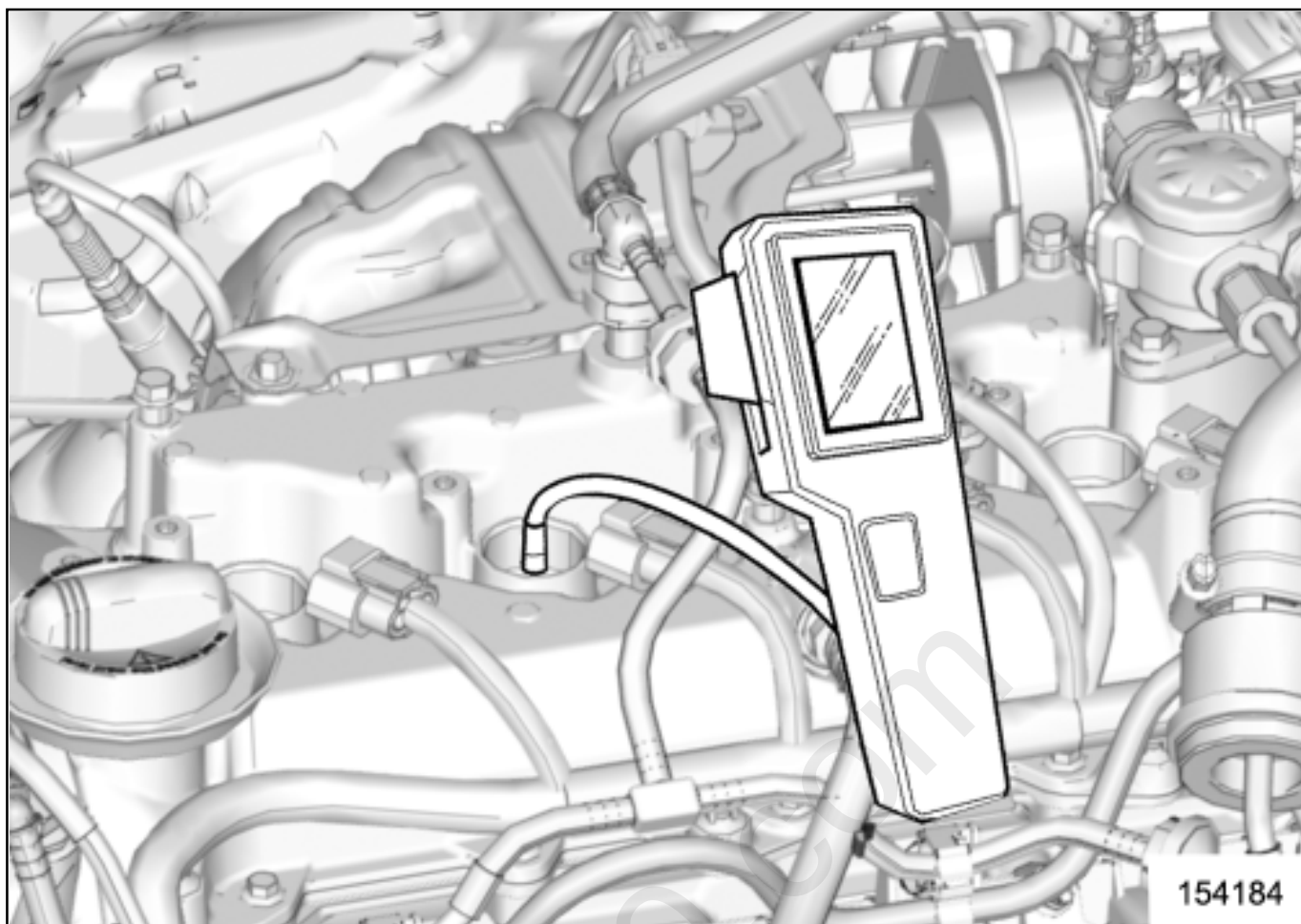
1. PREPARATION OPERATION FOR CHECK

■ Remove the turbocharger air outlet pipe [Air inlet assembly: Exploded view](#) .

■ Remove:

■ the coils [\(see 11A, Top and front of engine, Cylinder head assembly: Exploded view\)](#) ,

the spark plugs [\(see 11A, Top and front of engine, Cylinder head assembly: Exploded view\)](#) .



Connect a petrol compression gauge.

Run command with Diagnostic tool:

- RZ003 : "ENGINE ADAPTIVES",

- VP036 : "FUEL SUPPLY INHIBITION".

Put the vehicle under starting conditions:

- gear lever in neutral position for a manual gearbox,

- "P" (park) position for an automatic gearbox,

2. TEST OPERATION



Press the vehicle start button to trigger the engine starting phase.



Note:

The engine will be driven for 20 s without starting.



Check the compression of cylinder no. 1.



Fully depress the accelerator pedal in order to open the throttle valve during the compression measurements.



Note:

Put the vehicle back in forced + after ignition feed as soon as the starter has stopped (in order to maintain the inhibition of the engine starting and to be able to measure the compression of the other cylinders).



Note:

It is necessary to wait for at least 10 s before starting the engine each time (the starter will not run due to its thermal protection).



Measure the compression of the other cylinders.

3. FINAL OPERATION

