5- CONCLUSION

The procedures contained in this document merit your attention. Please read them carefully in order to reduce the risk of injury, and avoid using incorrect procedures that could damage the vehicle or make it dangerous in use.

Following the recommended procedures will help you to provide a quality of service which will ensure the vehicles achieve the highest levels of performance and reliability.

Maintenance and repair operations must be carried out under the proper conditions to ensure that our vehicles run safely and reliably.

Repair-00x01x01-02x60-2-9-1.xml

XSL version : 3.02 du 22/07/11

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 .

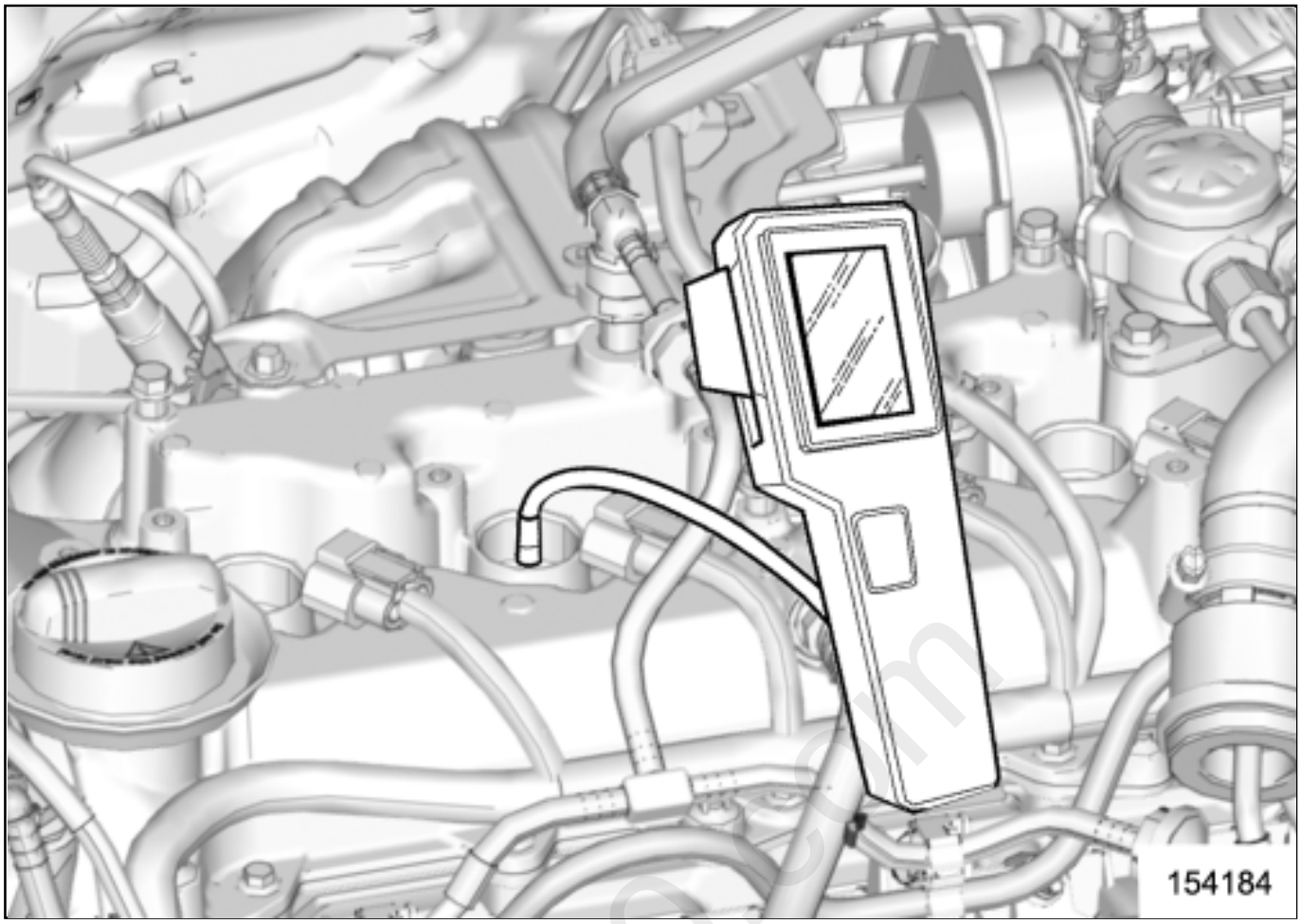
CHECK

1. PREPARATION OPERATION FOR CHECK

Remove the turbocharger air outlet pipe (see 12A, Fuel mixture, 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,

brake pedal depressed.

2. TEST OPERATION

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

> Note:
>
> The engine will be driven for 20 swithout 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 secondsbefore 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

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