

Tool Instruction CYLINDER LEAK DOWN TESTER

4328338R1

Tool Number: OTC5609



0000387357

Figure 1. OTC5609 Cylinder Leak Down Tester.

Purpose

Essential tool utilized to diagnose internal engine components.

Application(s)

2015 PSI 8.8L Engine

Application(s) (cont.)



GOVERNMENT REGULATION: Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.



WARNING: To prevent property damage, personal injury, and / or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.



WARNING: To prevent property damage, personal injury, and / or death, let engine properly cool prior to performing service / diagnostic procedures.





WARNING: To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.



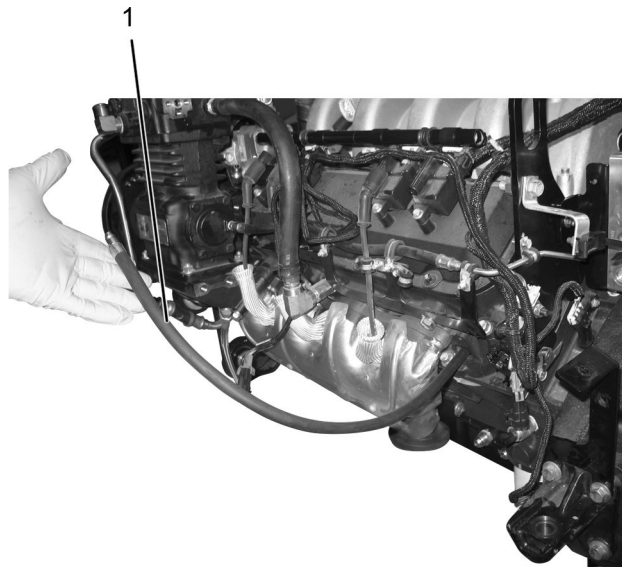
WARNING: To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

Tool Contents

Table 1

Image	Tool Number	Qty	Description
	OTC5609	1	Cylinder Leak Down Tester (Includes Regulator, Hose Fitting, Adapters, Carrying Case)
 <p>0000160075</p>	4328338R1	1	Tool Instruction

Instructions

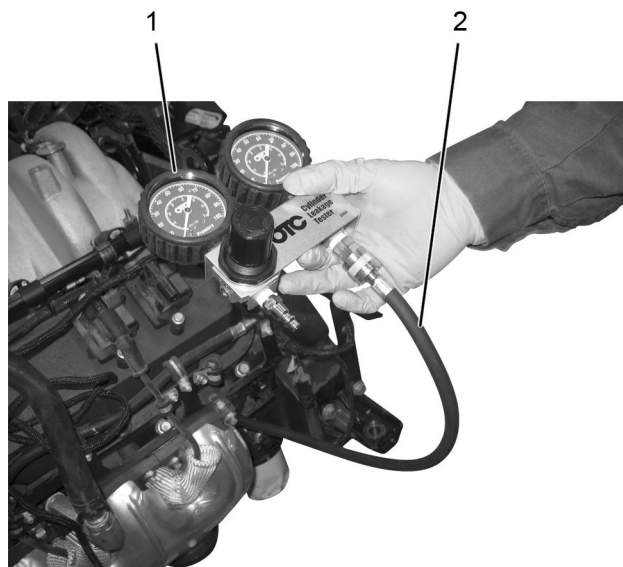


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Figure 2. OTC5609 Hose Fitting.

1. Hose fitting
1. Remove Spark Plug. Refer to service manual, service bulletin, or equivalent for detailed instruction.
2. Install appropriately sized adapter to hose fitting.
3. Install hose fitting into cylinder head (Figure 2, Item 1).

Instructions (cont.)

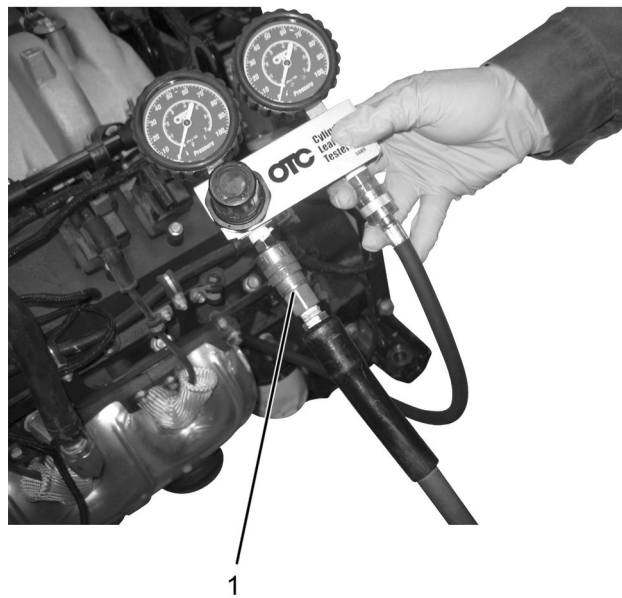


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Figure 3. OTC5609 Regulator.

1. Regulator
 2. Hose fitting
-
4. Connect hose fitting (Figure 3, Item 2) to regulator (Figure 3, Item 1).

Instructions (cont.)



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Figure 4. OTC5609 Assembly.

1. Compressed air line
5. Connect compressed air line (Figure 4, Item 1) to regulator.
6. Refer to service manual, service bulletin, or equivalent for detailed testing instruction.

Contact Information

If you would like to order additional tools or need replacement parts, please refer to the Navistar Service Tool Catalog. If you have questions, concerns, or feedback, please contact Navistar Service Tool Support Center:

- Submit a Service Tool iKnow Case File.
- Phone: 800-365-0088 (toll free).