

Tool Instruction SPARK TESTER

4328342R1

Tool Number: OTC6589



0000385001

Figure 1. OTC6589 Spark Tester.

Purpose

Essential tool used for troubleshooting spark conditions.

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.

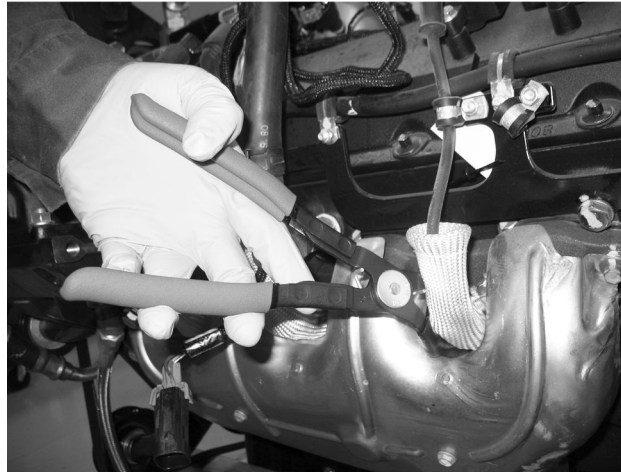
! WARNING: To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000387352</p>	OTC6589	1	Spark Tester
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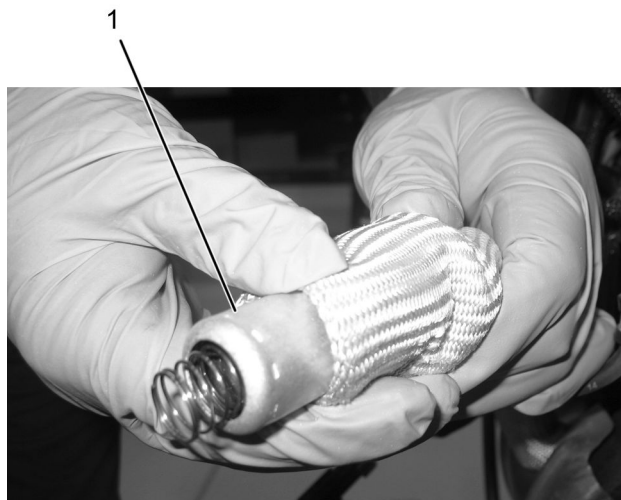
Instructions



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Figure 2. Spark Plug Boot Pliers.

1. Access spark plug harness to be tested.
2. Use SE824A Spark Plug Boot Pliers (not included) to remove spark plug harness boot (Figure 2).



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Figure 3. Spark Plug Heat Shield.

1. Spark plug heat shield
3. Remove spark plug heat shield (Figure 3, Item 1).

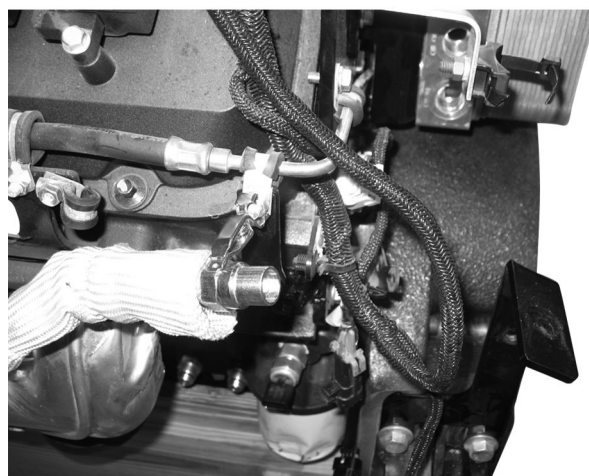
Instructions (cont.)



000387354

Figure 4. Spark Tester Connection.

1. Spark tester
4. Connect spark tester (Figure 4, Item 1) to harness being tested.



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Figure 5. Spark Tester.

5. Connect spark tester clip to a suitable ground (Figure 5).
6. Refer to service manual, service bulletin, or equivalent for detailed 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).