

Tool Instruction FRONT CRANKSHAFT SEAL INSTALLER

4328336R1

Tool Number: 12-174-01



0000387386

Figure 1. 12-174-01 Front Crankshaft Seal Installer.

Purpose

Essential tool utilized to assist with installation of the front crankshaft seal.

Application(s)

2015 PSI 8.8L Engine



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.

Application(s) (cont.)



⚠ 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, 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

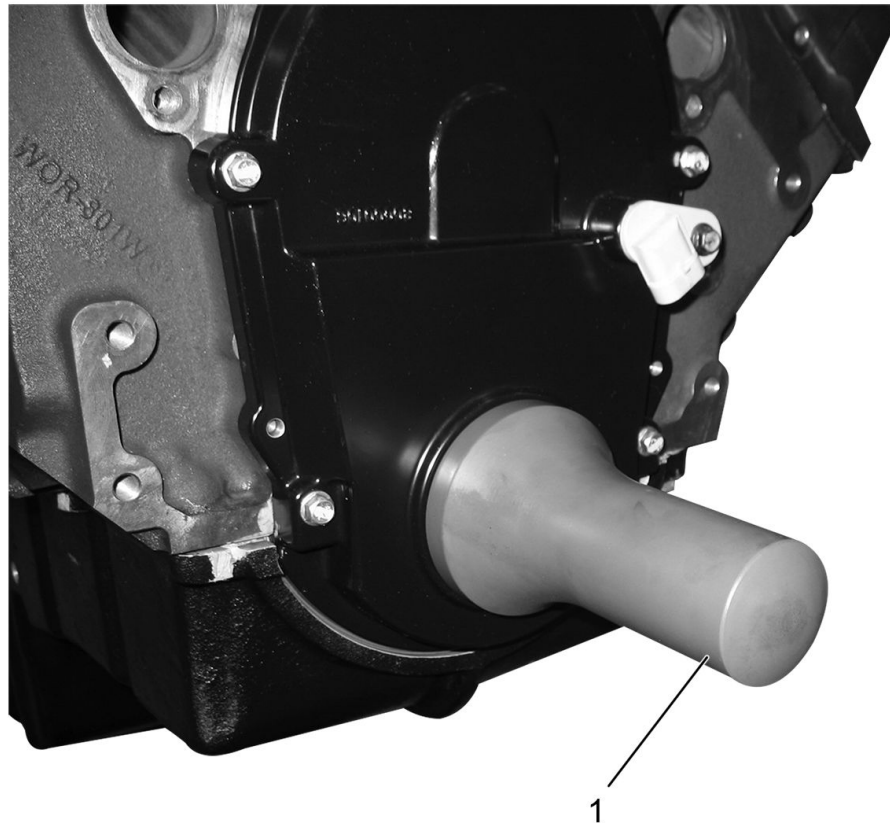
Table 1

Image	Tool Number	Qty	Description
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Instructions

1. Park vehicle on flat surface with wheels straight ahead.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle off and allow to thoroughly cool down.
4. Install wheel chocks.

Instructions (cont.)



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Figure 2. Crankshaft Seal Installer.

1. Seal installer

NOTE: Some engine components removed from graphic for clarity.

5. Access front crankshaft seal. Refer to service manual, service bulletin, or equivalent for detailed instruction.
6. Position new crankshaft seal. Refer to service manual, service bulletin, or equivalent for detailed instruction.
7. Align crankshaft seal installer (Figure 2, Item 1) against seal. Using a rubber mallet, tap the protruding end of the seal installer until seal is fully seated.
8. Complete installation. Refer to service manual, service bulletin, or equivalent for detailed instruction.
9. Remove wheel chocks.

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).