

## Tool Instruction WATER PUMP WRENCH

4328381R1

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Tool Number: 12-744-01



0000393466

**Figure 1. 12-744-01 Water Pump Wrench.**

### **Purpose**

Essential tool used in conjunction with the ZTSE43972 Fan Hub Wrench (not included in this kit). The 12-744-01 Water Pump Wrench is used to hold the water pump in place during removal / installation of the vehicle's fan hub assembly.

### **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, 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.

**CAUTION:** To prevent component / tool damage, NEVER use power / impact tools with this essential tool.

## Tool Contents

Table 1

Image	Tool Number	Qty	Description
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## Instructions

**NOTE: Some vehicle / engine components have been removed from graphics depicted in this procedure for clarity purposes.**

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral, and set parking brake.
3. Install wheel chocks.
4. Unlatch and open hood.



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**Figure 2. Water Pump Wrench.**

1. Water pump pulley
  2. Water pump wrench
5. Using 12-744-01 Water Pump Wrench (Figure 2, Item 2), hold water pump pulley (Figure 2, Item 1) in place.
  6. Using ZTSE43972 Fan Hub Wrench (not included), remove / install fan hub. Refer to service manual, service bulletin, or equivalent for detailed procedure.
  7. When service is complete, close and latch hood.
  8. 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).