

## Tool Instruction Fill Valve Adapter

4328707R2

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Tool Number: 15-132-04



0000461910

**Figure 1. 15-132-04 – Fill Valve Adapter**

### **Purpose**

Essential tool utilized to adapt ACME style dispenser nozzles to K-15 Quick Disconnect vehicle fill valves.

### **Application(s)**

PSI 8.8L LPG (ALL)

## 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 personal injury and / or death, or damage to property, always wear safe eye protection when performing vehicle maintenance.



**WARNING:** To prevent personal injury and / or death, or damage to property, inspect tool for wear / damage prior to use. Replace any worn or damaged components as necessary.



**WARNING:** To prevent personal injury and / or death, or damage to property, keep propane autogas and containers away from heat, sparks, and open flames.



**WARNING:** To prevent personal injury and / or death, or damage to property, do not mix any other fuel forms with propane autogas. This may cause an unexpected reaction that may damage the engine and those around it.



**WARNING:** To prevent personal injury and / or death, or damage to property, pay strict attention to all propane autogas fueling site instructions and cautions when refueling your vehicle.



**WARNING:** To prevent personal injury and / or death, or damage to property, never loosen fittings or vent any propane. Escaping propane can cause frostbite and severe freeze burns. Wear insulated PVC rubber gloves resistance to propane, goggles for protection against accidental release of pressurized products, and thermal protective clothing when handling refrigerated liquids.



**WARNING:** To prevent personal injury and / or death, or damage to property, be sure that fill nozzle is tightly secured on the vehicles fill valve. Improperly threading the nozzle on the fill valve may lead to a dangerous leak.



**WARNING:** To prevent personal injury and / or death, or damage to property, ALWAYS wear appropriate Personal Protective Equipment (PPE) when interacting with the propane system. Escaping propane can cause severe frostbite and freeze burn.



**WARNING:** To prevent personal injury and / or death, or damage to property, DO NOT vent or release propane indoors or near sewers, pits, or low lying areas. Propane can accumulate in low spots, creating a fire hazard. Propane can also displace oxygen, creating a suffocation hazard. Propane systems should be serviced in a properly ventilated area.



**WARNING:** To prevent personal injury and / or death, or damage to property, keep all sources of ignition away from propane vehicles during fueling procedures. Even if the tank and fuel lines are empty, flammable vapors could be present near the vehicle.



**WARNING:** To prevent personal injury and / or death, or damage to property, NEVER release trapped propane towards any person.




## Application(s) (cont.)

**⚠ WARNING: To prevent personal injury and / or death, STOP fueling procedure if any leaks are present.**

**⚠ CAUTION: To prevent damage to property, NEVER use tools such as channel-lock pliers or vise grips to install this tool.**

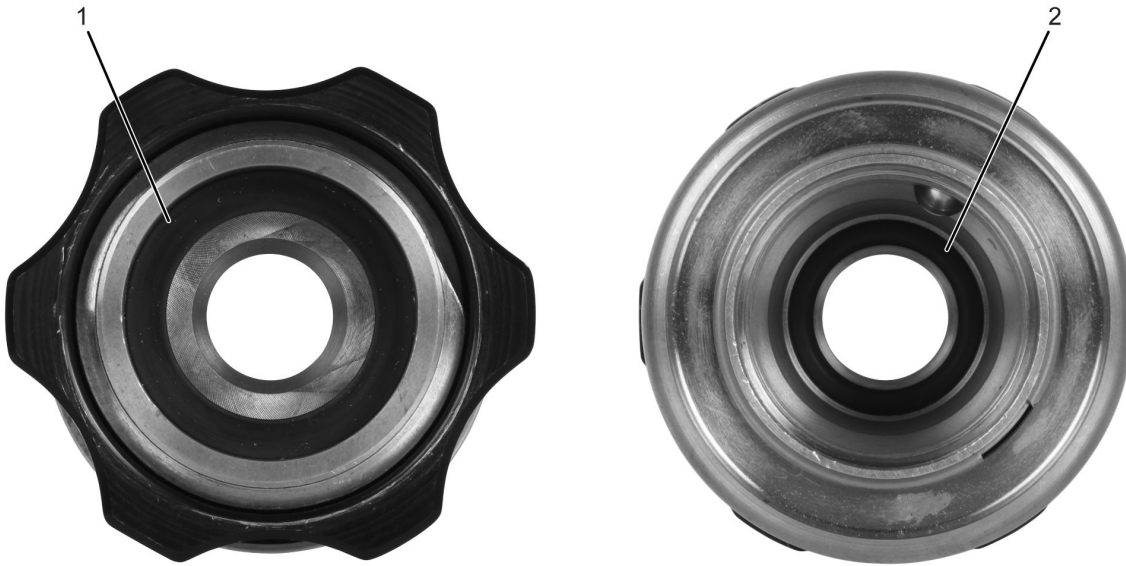
## Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000461909</p>	15-132-04	1	Fill Valve Adapter
 <p>0000463448</p>	15-132-04-02	1	Replacement O-Ring Kit (Not Included with this tool, available for purchase in Navistar Tool Catalog)
 <p>0000160075</p>	4328707R2	1	Tool Instruction

## Instructions

**IMPORTANT:** Please reference International® Service Portal<sup>SM</sup> regarding any possible revisions to this document.



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**Figure 2. O-Ring Location**

1. Front O-ring
2. Rear O-ring

**NOTE:** If necessary, 15-132-04-02 Replacement O-Ring kit is available through the Navistar Tool Catalog.

1. Prior to use, ensure both O-rings (Figure 2, Items 1 & 2) are installed correctly and are in good condition.

## Instructions (cont.)



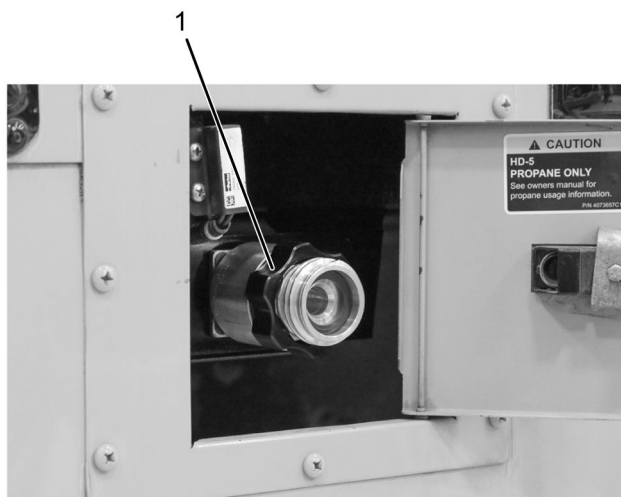
0000463441

**Figure 3. Fill Valve Adapter**

1. Adapter

**CAUTION:** To prevent damage to property, NEVER use tools such as channel-lock pliers or vise grips to install this tool.

2. Open fuel door and remove fill valve dust cap; do not discard cap.
3. Install adapter (Figure 3, Item 1) onto fill valve and tighten securely in a clockwise direction.

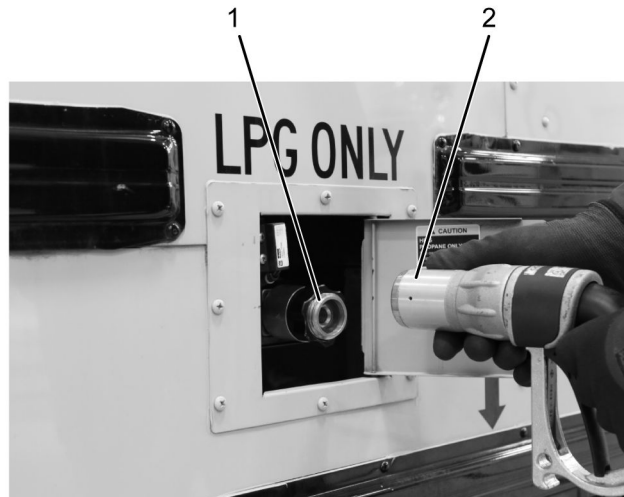


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**Figure 4. Fill Valve Adapter Installed**

1. Handwheel
4. To engage the hold position, push handwheel (Figure 4, Item 1) in, turn slightly clockwise, and release.

## Instructions (cont.)



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**Figure 5. Fuel Dispenser Nozzle and Fill Valve Adapter**

1. Adapter
2. Fuel dispenser nozzle

**! WARNING: To prevent personal injury and / or death, STOP fueling procedure if any leaks are present.**

5. Install fuel dispenser nozzle (Figure 5, Item 2) onto adapter (Figure 5, Item 1) and proceed with fueling.
6. After fueling is complete, remove fuel dispenser nozzle (Figure 5, Item 2) from adapter (Figure 5, Item 1).
7. Verify fill valve adapter handwheel is in the out position.

**! CAUTION: To prevent damage to property and / or component, make sure that the fill valve adapter handwheel is in the out position before loosening.**

8. Remove adapter (Figure 5, Item 1) from vehicle fill valve by loosening in a counterclockwise direction.
9. Install previously removed fill valve dust cap and close vehicle fuel valve door.

## Care and Maintenance

- Keep tools clean and free of contaminants
- Replace any damaged components

## 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).