

## OPERATION INSTRUCTIONS

### WARNING

The DFX-1 is designed to exchange differential fluid. Using the DFX-1 for brake fluid or other liquids may damage the pump seals and will void the warranty

### EXCHANGE

1. Verify that there is enough fluid in the New Fluid Tank and sufficient space in the Used Fluid Tank for the exchange procedure.
2. Remove the service plug in the differential cover and insert the Service Hose labeled **Used** into the open service hole.
3. Remove the used fluid from the differential by opening the valve on the Used Hose and pressing the switch labeled **Used** on the DFX-1 control panel. Close valve and remove the hose when finished.
4. To refill the differential insert the hose labeled **New** into the differential service hole.
5. Open the valve on the New Hose and press the switch labeled **New** on the DFX-1 control panel. Close valve, remove hose and replace service plug when finished.

**Note: Refer to the vehicle capacity chart for quantity of fluid required. Typically, the differential is full when fluid drains out of the service hole when vehicle is level.**

**Caution: Do not allow Used Tank to overflow.**

**Always wear safety glasses while using the DFX-1.**

### EC Declaration of Conformity for Machinery

Directive 98/37/EC



MAHLE Aftermarket Inc.  
10 Innovation Drive  
York, Pennsylvania 17402 USA  
Phone: 717-840-0678

Herewith declares that:

- DFX-1 Differential Fluid Exchanger
- is in conformity with the provisions of the Machinery Directive (directive 98/37/EC) and with the national implementing legislation
- is in conformity with the provisions of the following other EC directives:

Electromagnetic Compatibility (EMC) Directive 89/336/EEC  
Electromagnetic Emissions EN 61000-6-4: 2001  
Electromagnetic Immunity EN 61000-6-2: 1999

The DFX-1 is certified to the EMC Directive like the ATX-2 tested by:

TÜV America Inc.  
1775 Old Highway 8 NW Ste. #104  
New Brighton, MN 55112  
Phone: 651-638-0262

Eric I. Shultz

Vice President - Technology  
Dated: February 20, 2013



REPLACEMENT PARTS	
<b>Pump</b>	<b>345-80006-00</b>
<b>New Fluid Tank</b>	<b>315-80004-00</b>
<b>Used Fluid Tank</b>	<b>315-80005-00</b>
<b>Hose Cap</b>	<b>028-80250-18</b>
<b>Switch</b>	<b>024-80066-00</b>

### MAHLE Aftermarket Inc.

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