Service Guide

6796

Barrel Pump

Description

Model 6796 Barrel Pump is a hand operated heavy duty pump designed specifically to transfer fluids, such as lubricants, 100% antifreeze, solvents, thinners, automotive additives, industrial chemicals and other noncorrosive liquids.

CAUTION

This pump's metal components are zinc plated steel. It should never be used to transfer fluids that may cause the pump to rust. Never use this pump with water-based fluids or acids. Damage to the pump will occur.

The pump is equipped with a self-adjusting telescopic Suction Tube, a pivoting non-drip spout and a combination 1-1/2" and 2" NPT Bung Adaptor. The Adaptor screws directly into 16-gallon and 55 gallon (200-205 Liters) drums.

The floating piston design with a set of two (2) brass piston rings assures a positive seal on every pumping stroke.

A floating steel check valve allows the liquid to drain back into the drum when the pump is not in use.

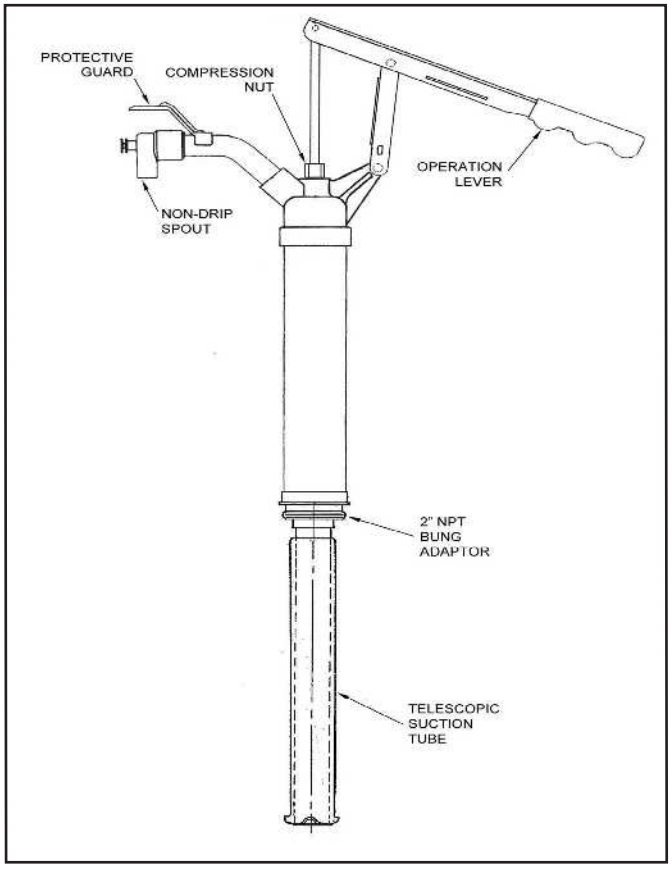

Figure 1 *Model 6796 Barrel Pump*

Assembly

NOTE: Apply thread sealant to the threads of the Suction Tube Assembly before attaching it to the Bung Adaptor.

Fluid Outlet Threads: 3/4″ NPT (M)
Delivery / Stroke*: 11.8 oz (349cc)
Length of Suction Tube: 18-5/16″ - 34-7/16″ (46.5 - 87.5 cm)
Bung Adaptor: 1-1/2 ″ NPT (M) and 2″ NPT (M)
* Delivery is based on SAE 10 W Oil

1. Screw the Suction Tube Assembly (with thread sealant) into the Bung Adaptor. Tighten the connection securely.

CAUTION

Do not over-tighten tube with excessive force.

2. Screw the Spout onto the head until tight. Turn spout until it is properly aligned with the protective guard in the vertical position.

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3. Extend the telescopic Suction Tube a little longer than the height of the drum.

NOTE: The telescope Suction Tube will automatically adjust to the proper position.

4. Screw the pump into the drum's bung. Tighten securely by grasping the barrel of the pump and rotating.

5. Pull the piston rod of Piston Rod Assembly and attach the operating lever to the piston rod using the pin and retainer clip enclosed with the Pump Assembly.

Operation

1. Start the pump by moving the Lever with several quick strokes.

If the pump fails to operate, it may be necessary to prime.

Prime the Pump

2. Turn the Spout upwards.

3. Pour the fluid being dispensed into the Spout.

4. Repeat step 1.

If the pump still fails to start:

5. Remove the pump from the drum and check to ensure the Suction Tube is extended enough to reach the bottom of the drum.

NOTE: Since certain fluids have a tendency to build a coat ing on the surface when dry, it is recommended that the Lever be left in the upright position when the pump is not in use.

IMPORTANT: If the pump leaks around the Compression Nut, Tighten the Nut by hand only.

Service

IMPORTANT: Pump components are not serviced separately.

Part Changes Since Last Printing
Updated Pump Assembly model