




# SERVICE INSTRUCTIONS FOR OIL ROTARY PUMP

## ERP-01

### Piece Count:

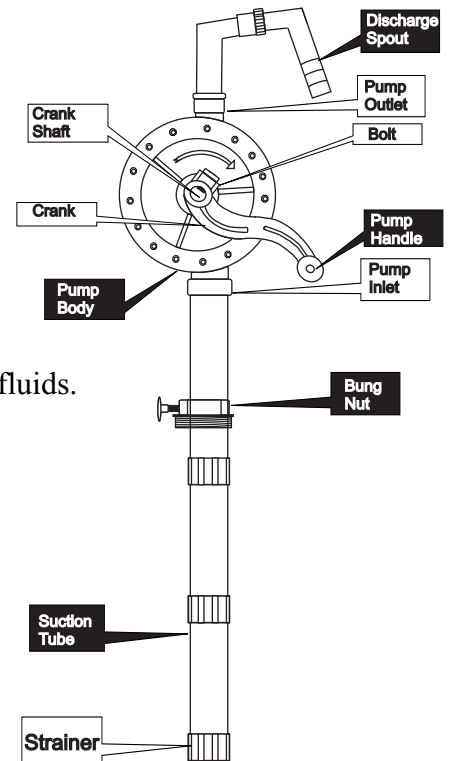
1. Pump Body
2. Pump handle (2 piece - Crank & handle with nut )
3. Bung Nut with 2" threads (1 pieces)
4. Discharge Spout (2 piece construction)
5. Suction Tube (3 piece construction)

### Features:

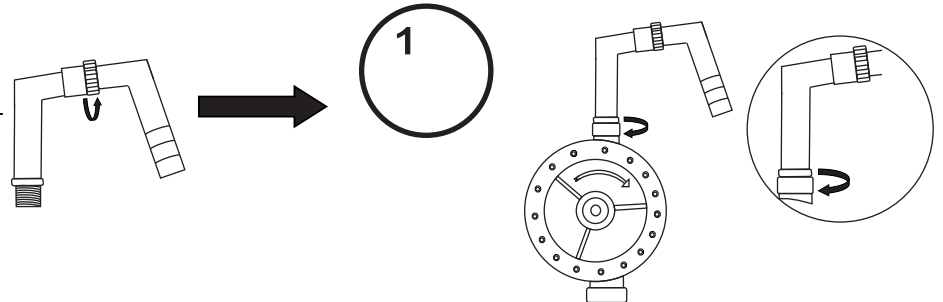
-  Plastic construction, for use with diesel and non corrosive petroleum based fluids.
-  Fits 15 to 55 gallon (50- 205 litre) drums.
-  Dispenses 5 liters (1.30 gl.) per 20 turns.

### Wetted components:

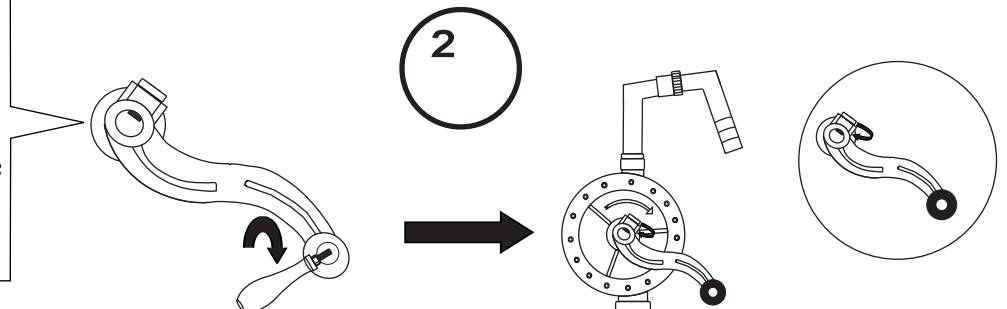
Polypropylene, Steel & Viton



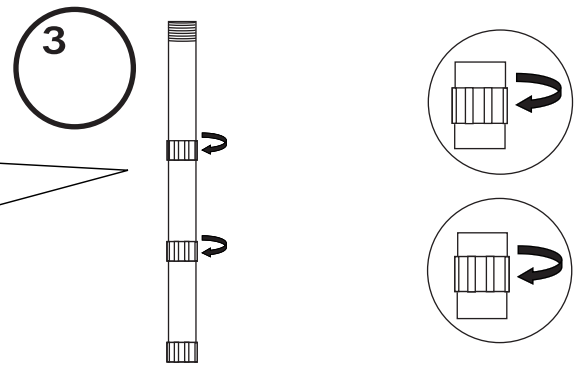
Assemble the 2 parts of the Discharge spout together & fasten the assembly onto the outlet on the main pump body



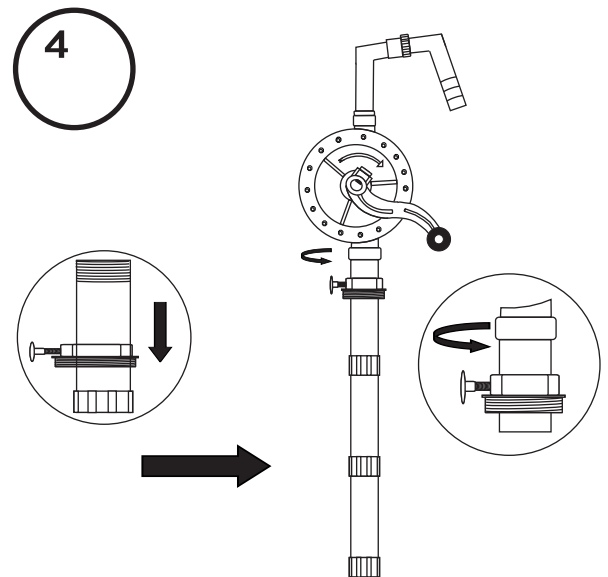
Fix the pump handle onto the crank & connect the crank to the crankshaft on the pump body. Secure the connection using the bolt provided. Make sure that the bolt fits onto the depression in the crankshaft



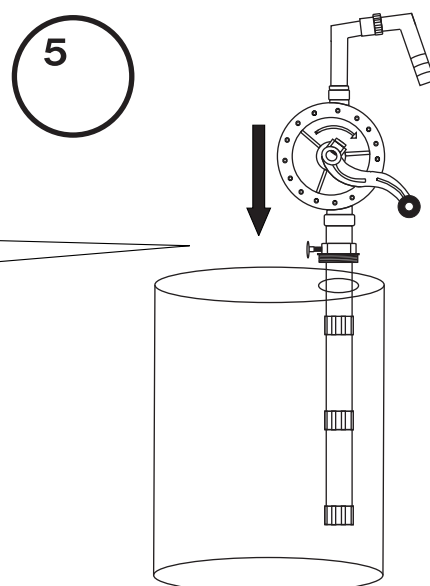
Assemble the suction tube parts, depending upon the drum size on which the pump is to be installed. The suction tube part with the strainer may be connected direct onto the pump inlet or assembled with one extension or both extensions, depending upon drum size. All 3 parts must be connected for use with 55 gallon / 205 litre drums. It is good practice to use a sealant such as Teflon in connecting the suction tube parts for a totally leak-proof connection.



Chose the bung adapter from the two that best fits your drum. Each pack comes with two adapters, which have slight difference in the threads to suit different drums (metal & plastic) . Slide the selected 2" bung onto the tube from the top end & tighten the suction tube onto the inlet on the main pump body. It is good practice to use a sealant such as teflon in connecting the suction tube to the pump inlet.

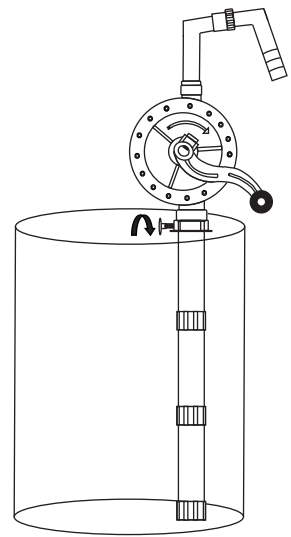
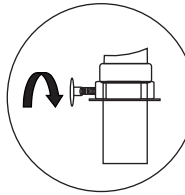


Insert the pump assembly into the drum from the 2" bung opening on the drum.



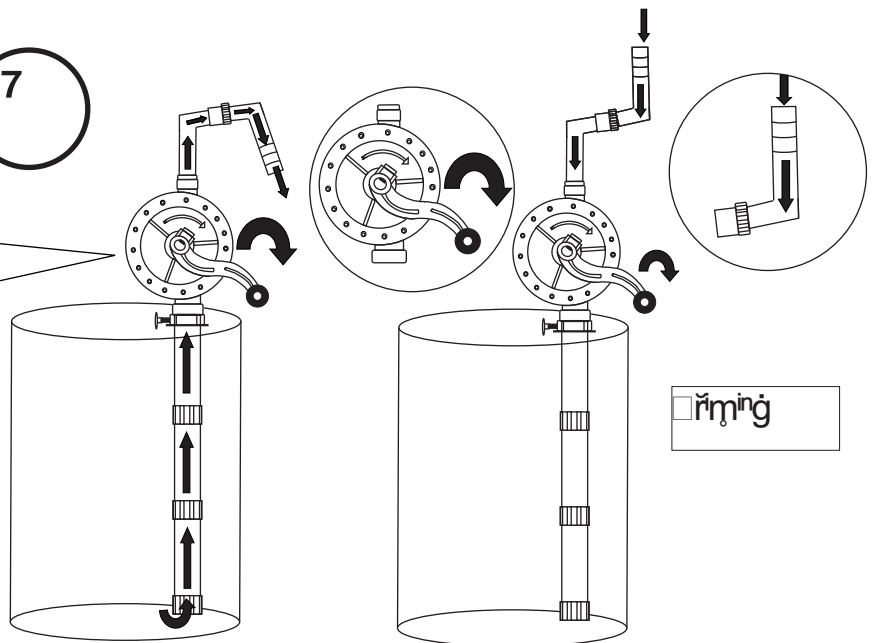
Once the bottom of the pump touches the base of the drum, securely fasten the bung onto the drum. Now very lightly tighten the bung onto the suction tube

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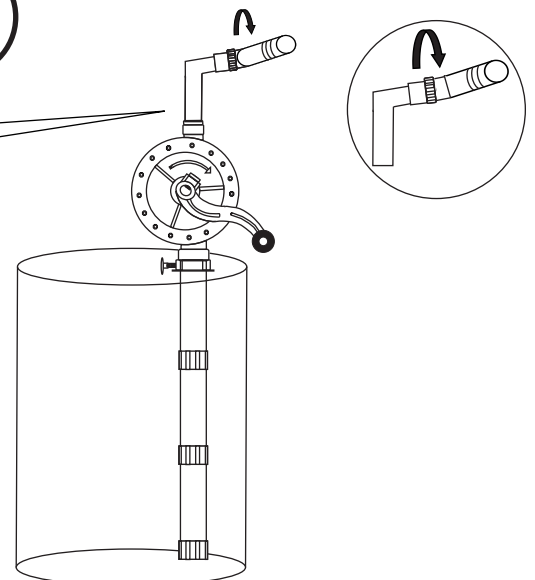
Take an empty container & place it below the discharge spout. Start rotating pump handle. Within a maximum of 7 rotations, pump will be primed & will start dispensing media. In a rare case, where the pump does not get primed, the same can be done by reversing the outlet discharge spout on the pump & pouring about 30 ml of any oil into the outlet & operating the pump handle for about 7 rotations.


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Once you have completed pumping the media, it is a good practice to invert the discharge spout sideways for a non-drip operation.



 If the pump is re used after an extended period of time, it may loose it's prime & need re-priming, follow step 7 above.

## Recommended Use:

The pump is designed for use with oil based media, Antifreeze, Detergents, Windshield fluids, Glycerine, Mild acids etc

## Do Not Use with:

Chemicals, alcohols, paint thinner, gasoline, solvents etc.

**Warning : Never operate the pump near fire or source of spark. Some media may be explosive & dangerous to pump**

## TROUBLESHOOTING:

Sr. Nr.	PROBLEM	CAUSE	REMEDY
1	Pump does not dispense fluid	Pump not able to create adequate suction	Prime pump . Follow Step 7 above
		Pumps is drawing in air , instead of fluid	Tighten all connections of suction tube & of the suction tube with pump inlet
		Suction tube inlet is blocked	Remove suction tube & clean strainer at tube inlet
2	Leakage of media from the crankshaft	Damaged seal due to use with media not suitable for use with pump	Replace seal with genuine replacement seal from manufacturer