

**Model 17850-0012****ENGINE OIL CHANGE SYSTEM****FEATURES**

<b>Pump Body:</b>	Polypropylene
<b>Diaphragm:</b>	†Geolast™, oil resistant
<b>Valves:</b>	††Viton™, oil resistant
<b>Motor:</b>	12V DC with integral power switch
<b>Receiver:</b>	Plastic with 14 quart (maximum) capacity bucket
<b>Battery Leads:</b>	6 feet with alligator clips
<b>Suction Tube:</b>	8 feet, oil & heat resistant
<b>Dimensions:</b>	12-3/8" (314mm) diameter, 12-3/4" (324mm) high
<b>Weight:</b>	5 lb (2.3 kg)


**Model 17850-0012****OPERATING INSTRUCTIONS**


1. Run the engine approximately 5 minutes to heat oil (minimum oil temperature 140°F; maximum 185°F), then shut off engine prior to oil removal.
2. Insert 1/4" tube into pump inlet port and be sure that it is securely in place.
3. With the pump switch in the off position (to avoid sparks), clamp the power-leads' alligator clips to a 12V DC battery (red to positive; black to negative).
4. With the engine off, remove the dipstick, and insert the 1/4" oil change probe through the dipstick tube until it contacts the bottom of the oil pan. It may help to measure the probe against the dipstick, add an inch and mark the probe. Do not push the probe too far into the dipstick tube or it may curl up and out of the oil. It may be useful to tape the probe in place during evacuation.
5. To evacuate the oil, switch on the pump using the rocker switch at the rear of the motor. Watch for flow in the probe. If no flow appears in 15 seconds, check the probe for sediment blockage. Clean the probe and reset it 1/4" off the pan bottom.
6. The pump will speed up when the oil has been removed. Normal 5-quart pump out takes about 10 minutes.
7. Switch off pump before removing alligator clips from the battery, to avoid sparks.

8. Remove probe from dipstick tube while wiping with a rag to prevent oil drips.
9. To empty the container, pull up the retractable pour spout and pour the oil into a suitable container for disposal/recycling.

**NOTICE:** Always recycle used oil in compliance with federal and local legislation. Handle petroleum products in an environmentally responsible manner.

Model Number	Voltage	Amp Draw	Fuse Size
17850-0012	12	4	5

<b>⚠ WARNING</b> 	<b>Explosion hazard. Motor switch must be in "OFF" position when connecting and disconnecting alligator clips to battery terminal and ground. The switch in an "ON" position can cause an electrical spark which can result in explosion. Injury or death can occur.</b>
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<b>⚠ WARNING</b> 	<b>Explosion hazard. Take necessary precautions to rid area around battery of potentially explosive gases. Continue ventilation during oil changing procedure. Failure to do so can result in explosion. Injury or death can occur.</b>
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†Geolast is a registered trademark of Monsanto.

††Viton is a registered trademark of du Pont de Nemours & Co.

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