

OP-7-P Portable Oil Change System

Basic Features

- IP65 rated
- 3 ft and 5 ft hose
- Reversing switch
- Battery clips
- Available in 12V and 24V
- Adapter (1/4" Female NPT) connects with some inboard engines that have an oil pan hose with 1/4" Female NPT connection

Fluids

- Compatible for oil, diesel, or water
- Not for use with gasoline

System Assembly

The system is supplied with two hoses. The longer 5/8" diameter suction hose is supplied with female garden hose fittings on each end. One end of this hose attaches to the pump and the other end is designed to screw onto the collar surrounding the top of the engine dip tube or to be submerged in fresh oil. The shorter hose has a female garden hose fitting on one end, which is designed to attach to the pump and the other end is inserted into the new or used oil container. Both of the free ends of the hoses are designed to screw on to the base to avoid spillage of oil.

Electrical Connection

The system is supplied with clamps for connection to the battery terminals (or engine connection). The red handled clamp is should be connected to the Positive (+) terminal, while the black handled clamp should be connected to the Negative (-) terminal. With the wiring connections made in this manner, the pump will operate in the same direction as indicated by the arrow on the pump label.

The system is supplied with an in-line 10 amp slow burn fuse.

Operation

The pump is equipped with a 3-position rocker switch. The center position is Off.

To start the pump:

1. Press the arrow for the desired flow direction.
2. Return switch to the center Off position after required amount of fluid has been transferred.

Avoid running the pump dry for long periods.

Technical Specifications

Flow Rate	7.4 GPM / 28 LPM	
Hose to Engine	5/8" I.D. - 5 ft with 3/4" Female Garden Hose (connects to dipstick tube)	
Hose to Container	1/2" I.D. - 3 ft	
Voltage	12V or 24V	
Amp. Draw	6A / 12V, 4A / 24V	
Fuse	7.5A / 12V, 5A / 24V	
Min. Ambient Temperature	14°F / -10°C	
Min. Ambient Temperature	140°F / 60°C	
Impeller	Viton	
Rated	IP65	
Dimensions	A	9.56" / 243 mm
	B	10.75" / 273 mm
	C	4.5" / 114 mm
	10 lbs / 4.5 kg	

Troubleshooting

- Check for a blown fuse.
- Check inside the pump head for any debris or broken blades on the impeller.
- Verify the voltage supplied matches the specifications of the pump motor.
- Check for restrictions in the hose or fitting size.
- Check for air leaks in the lines or seals.
- Check if the impeller has dried out due to a long period without use. If yes, add fluid into the pump head before startup.

System and Spare Parts

33-2302-01-1-2	12 Volt
33-2302-02-1-2	24 Volt
33-2279	Wand Set
38-2410	Viton Impeller
38-2420	SRK-380 Repair Kit: (1) Impeller (1) Ball bearing (1) Top plate (1) Seal (1) O-ring (1) Seal cover (3) Screws
	SRK-380-2 Repair Kit: (2) Impeller (2) Ball bearing (2) Top plate (2) Seal (2) O-ring (2) Seal cover (6) Screws
38-2421	SRK-381 Rebuild Kit for 12V: (1) Impeller (1) Seal (1) Top plate (1) Seal cover (1) O-ring (1) Brush holder with integrated 12V switch (3) Screws (1) Ball bearing
	SRK-381-2 Rebuild Kit for 12V: (2) Impeller (2) Seal (2) Top plate (2) Seal cover (2) O-ring (2) Brush holder with integrated 12V switch (6) Screws (2) Ball bearings
38-2422	SRK-382 Rebuild Kit for 24V: (1) Impeller (1) Seal (1) Top plate (1) Seal cover (1) O-ring (1) Brush holder with integrated 24V switch (3) Screws (1) Ball bearing
	SRK-382-2 Rebuild Kit for 24V: (2) Impeller (2) Seal (2) Top plate (2) Seal cover (2) O-ring (2) Brush holder with integrated 24V switch (6) Screws (2) Ball bearings