JABSCO®

Model 17860-SERIES

FLAT TANK ENGINE OIL CHANGE SYSTEM



Model 17860 SERIES

FEATURES

Pump Body:	Polypropylene
Diaphragm:	*Geolast®, oil resistant
Valves:	**Viton®, oil resistant
Motor:	12V/24V DC with integral power switch
Receiver:	Plastic with 3.5 Gal. (13.2L) (maximum) capacity tank
Battery Leads:	7 ft. (2.1m) with alligator clips
Suction Tube:	8 ft. (2.4m), oil & heat resistant
Dimensions:	
Weight:	3.5 lb (1.6 kg)

OPERATING INSTRUCTIONS

1. Run the engine for approximately 5 minutes to heat oil to approximately 160°F (71°C), then shut off engine prior to oil removal.
2. Insert 1/4" (6 mm) tube into pump inlet port and be sure that it is securely in place.
3. Open the vent cap located on hose retainer strap, vent cap must be opened to allow tank to vent air.
4. 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).
5. With the engine off, remove the dipstick, and insert the 1/4" (6 mm) oil change probe through the dip-stick 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.
6. 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" (6 mm) off the pan bottom.
7. The pump will speed up when the oil has been removed. An average 5 Quart (5 liters) oil capacity engine will take around 10 minutes to drain.
8. Switch off pump before removing alligator clips from the battery, to avoid sparks.
9. Remove probe from dipstick tube while wiping with a rag to prevent oil drips.
10. To empty the container, unscrew the pour cap and pour the oil into a suitable container for disposal/recycling.
11. For extended storage, flush pump with water based degreaser solution.

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

*Geolast is a registered trademark of Monsanto.

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

Model Number	Voltage	Amp Draw	Fuse Size
17860-0012	12	4	5
17860-0024	24	3	5

⚠WARNING

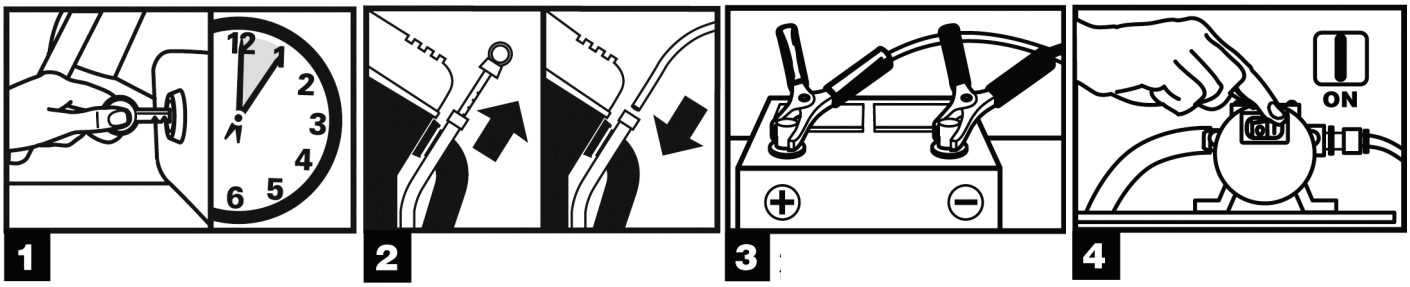


Explosion hazard. Motor switch must be in "OFF" position when connecting and disconnecting alligator clips to battery terminal and ground. The switch in an "ON" position can cause an electrical spark which can result in explosion. Injury or death can occur.

⚠WARNING

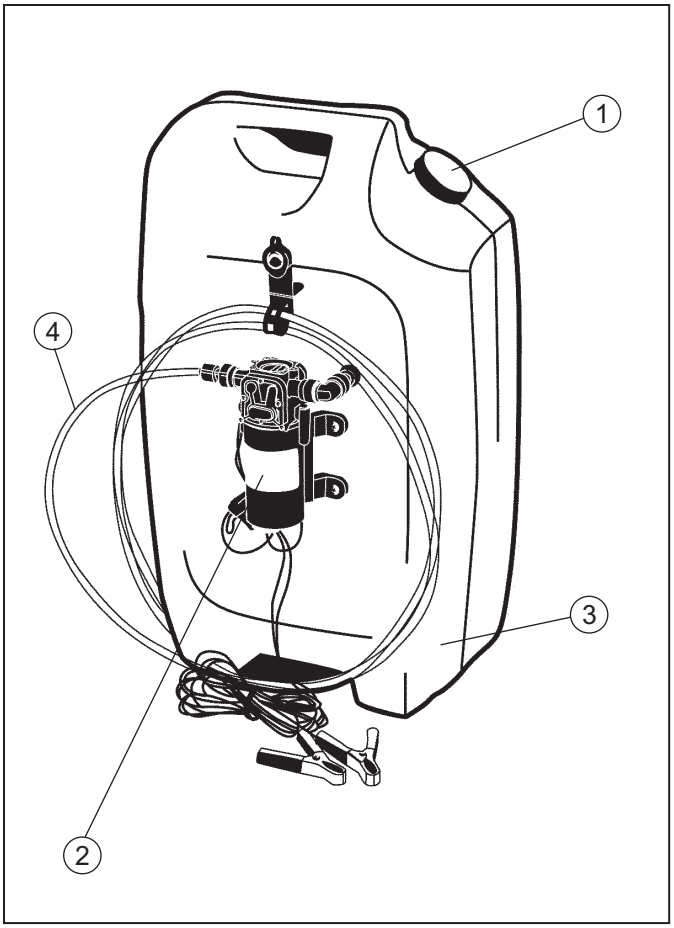


Explosion hazard. Take necessary precautions to ventilate area around battery of potentially explosive gases. Continue ventilation during oil changing procedure. Failure to do so can result in explosion. Injury or death can occur.



⚠WARNING

Burn Hazard. Heated oil can cause burns. Wear protective gloves, clothing and safety glasses during the oil change process. Failure to do so may result in personal injury.



KEY

1. For quicker oil changes, start engine and run for 5 minutes to heat the oil.
2. Remove the dipstick and insert the suction probe.
3. Attach the power cord clips to the engine's battery.
   Red = Positive, Black = Negative
4. Activate pump with switch on motor to drain crankcase.

Key	Description	Qty.	Part Number
1	Cap	1	17864-0000
2	Pump 12V	1	17869-0012
	Pump 24V	1	17869-0024
3	Tank	1	17866-0000
4	Hose	1	17867-0000
5	Bag (For Hose, Not Shown)	1	17868-0000

THE PRODUCTS DESCRIBED HEREIN ARE SUBJECT TO THE JABSCO ONE YEAR LIMITED WARRANTY, WHICH IS AVAILABLE FOR YOUR INSPECTION UPON REQUEST.

ITT
Engineered for life

U.S.A.
Flojet
666 E. Dyer Rd.
Santa Ana, CA 92705
Phone: 714.557.4700
Fax: 714.628.8478

UNITED KINGDOM
ITT Corporation
Bingley Road, Hoddesdon
Hertfordshire EN11 OBU
Tel: +44 (0) 1992 450145
Fax: +44 (0) 1992 467132

JAPAN
NHK Jabsco Company Ltd.
3-21-10, Shin-Yokohama
Kohoku-Ku, Yokohama, 222
Tel: 045.475.8906
Fax: 045.475.8908

GERMANY
Jabsco GmbH
Oststrasse 28
22840 Norderstedt
Tel: +49-40-53 53 73 -0
Fax: +49-40-53 53 73 -11

ITALY
ITT Corporation
Via Tommaseo, 6
20059 Vimercate, Milano
Tel: +39 039 685 2323
Fax: +39 039 666 307

© Copyright 2008, ITT Corporation Printed in U.S.A. All Rights Reserved Form: 950-0095 Rev. B 01/2009