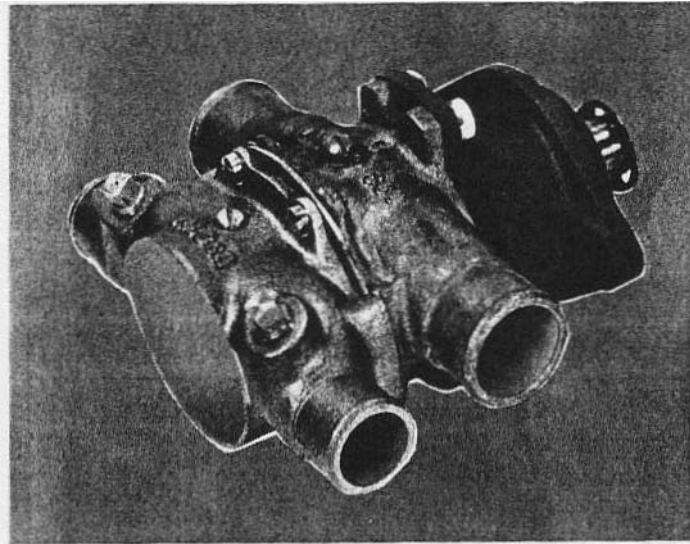


JABSCO® PUMPS

Self-Priming Pumps

MODEL 10170-0011

Product Data



MODEL: 10170-0011

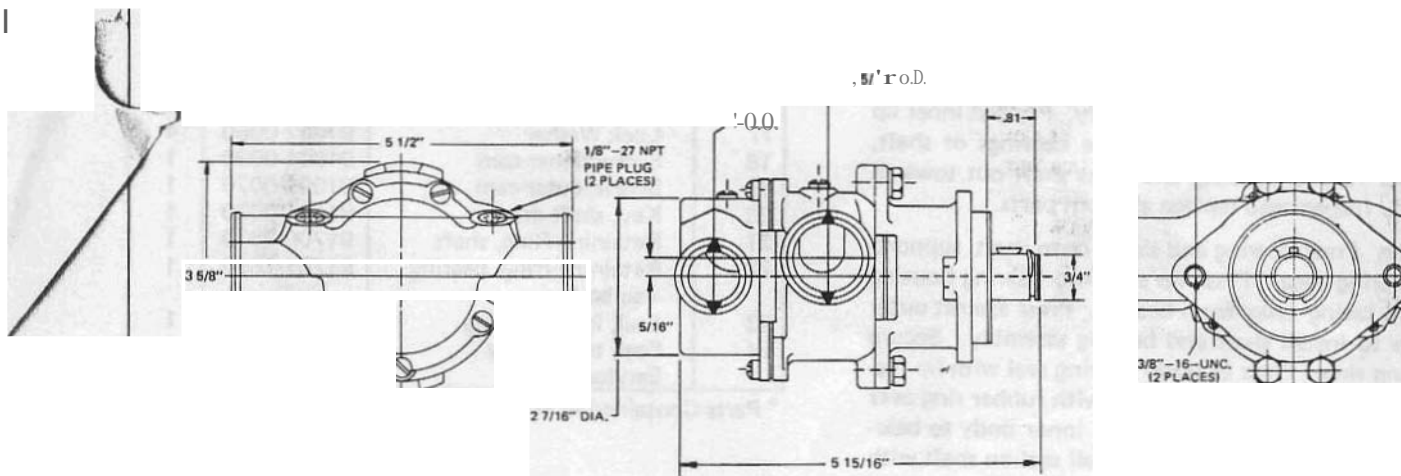
DESIGN FEATURES

Body: Bronze
 Impeller: Jabasco Neoprene Compound
 Shaft: Bronze
 Shaft Seal: Carbon Ceramic **Face-Type**
 Ports: 1" Hose Connections (outer body)
 1 1/4" Hose Connections (inner body)
 Weight: Approx, Shipping Weight, 6 1/2 lbs.

APPLICATION

Marine Engine Cooling
 For Chrysler Engine Models:
 M-431 B, O and M-426B, O

DIMENSIONAL DRAWING



INSTALLATION INSTRUCTIONS

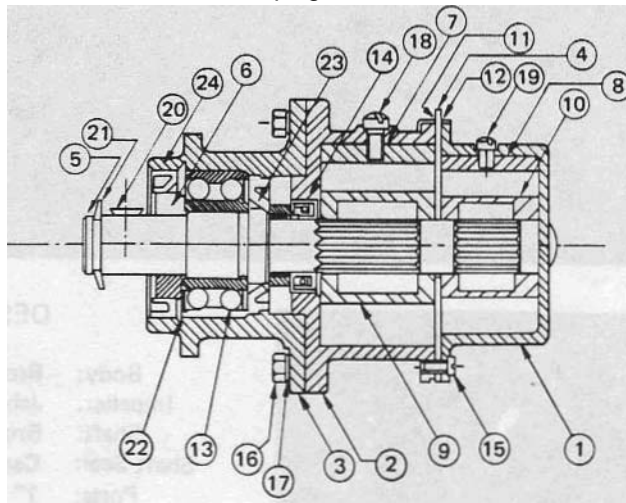
Mount pump on engine **bracket**. Make sure pump pulley is aligned with drive pulley and snap ring securely in **place**. Tighten belt by moving **bracket**. Allow about 1/2" movement in belt **when** tightened. Do not overtighten, connect inlet and outlet hoses, clamp securely on **ports**.

OPERATING INSTRUCTIONS

Pump will self prime at low or high **speeds**. Make sure scoop and inlet line are clear and all connections air tight. Do not run pump dry for more than 30 **seconds**. Lack of water flow may damage impeller.

JABSCO PRODUCTS **ITT**

Form 43000-0075 Rev. 1 file



MOOEL 10170-0011

SERVICE INSTRUCTIONS

Impeller Replacement: Remove **outer** body and gasket. **Pull** impeller out by **grasping** hub or blades with pliers. Remove wearplate, gasket and inside impeller. Replace impeller (**8 blade**), gasket and **wearplate**. Insert **second** impeller (12 blade) in outer **body**, place gasket on body. Push **assembly** onto shaft, lining up splines. A light coating of grease in impeller **bores** will aid **priming** on dry start up. (Use correct Jabsco gasket. A thicker or thinner gasket may **cause** impeller damage.) Standard gasket is .010" thick.

MAJOR REPAIR

Remove **outer** body, impeller and wearplate from pump. Remove inner impeller from inner body. Loosen four **cap** screws and remove inner body from bearing housing. Press out carbon face seal from inner body. Remove seal seat and seat gasket from shaft. Remove E clip, pulley, key, outer bearing seal and retaining ring. **Pressing** on impeller end of shaft, remove shaft and bearing assembly. Pry out inner lip seal from bearing housing. To replace bearings or shaft, support inner race of bearing and press shaft out towards impeller end. Inspect and replace all worn parts.

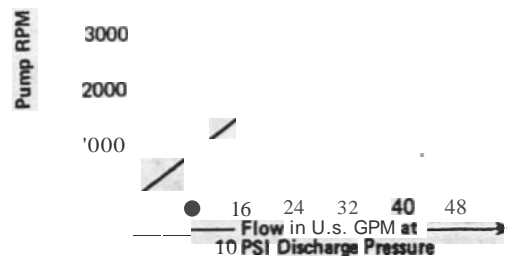
To **Assemble:** Press bearing and sleeve onto shaft, supporting inner bearing race. Press lip seal into bearing housing bore with lip **facing** away from bearing. Press against outer bearing **race** to install shaft and bearing assembly. Secure with retaining ring. Press in outer bearing seal with lip facing away from bearing. Slide seal seat with rubber ring over shaft. (Lubricate with water.) Attach inner body to bearing housing with four cap screws. Install seal on shaft with carbon face against seat and press flush with bottom of **impeller** bore. **CAUTION:** Press on outermost edge of seal to prevent damage. lubricate **with** water. (DO not use oil.) DO not mar nor scratch seal surface. Permatex screw threads. **topside** of cams and install in body with cam screw. Lubricate impeller bore with a light coat of water pump grease and start impeller (**8 blade**) into bore **with** a rotary motion **until** splines engage, then push into bore. Install gasket and divider plate. Push outer impeller (12 blade) into outer body with rotary motion. Place outer gasket in **position** on wearplate. Secure outer body. Tighten both (2) cam screws. Install key, pulley and E clip.

PARTS LIST

KEY	DESCRIPTION	PART NUMBER	QTY. REa.
1	Body, outer	10185-0010	1
2	Body, inner	10176-0000	1
3	Bearing Housing	10178-0000	1
●	Wear Plate	10179-0000	1
5	■ Shaft	1018Q.OODO	1
6	Sleeve	10181-0000	1
7	Inner Cam	10182-0000	1
8	Outer Cam	490-0000	1
9	■ Inner Impeller	11979-0001	1
10	■ Outer Impeller	1210-0001	1
11	■ Inner Gasket	10184-0000	1
12	■ Outer Gasket	10183-0000	1
13	■ Ball Bearing	92600-0060	1
15	■ Seal Assembly, shaft	9608Q.0080	1
16	Screw, outer to inner body	91003-0020	5
17	Bolt, bearing housing	91095-0320	●
18	Lock Washer	91602-0060	●
19	Screw, inner cam	91004-0090	1
20	Screw, outer cam	91003-0070	1
21	Key, shaft drive	91401-0030	1
22	Retaining Ring, shaft	91700-2970	1
22	Retaining Ring, bearing to body	91701-1850	1
23	Seal, inner bearing	92700-0480	1
2.	Seal, outer body	92701-0160	1
	Service Kit	90133-0001	

* Parts Contained in Service Kit

PUMP FLOW CHART



JABSCO PRODUCTS



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