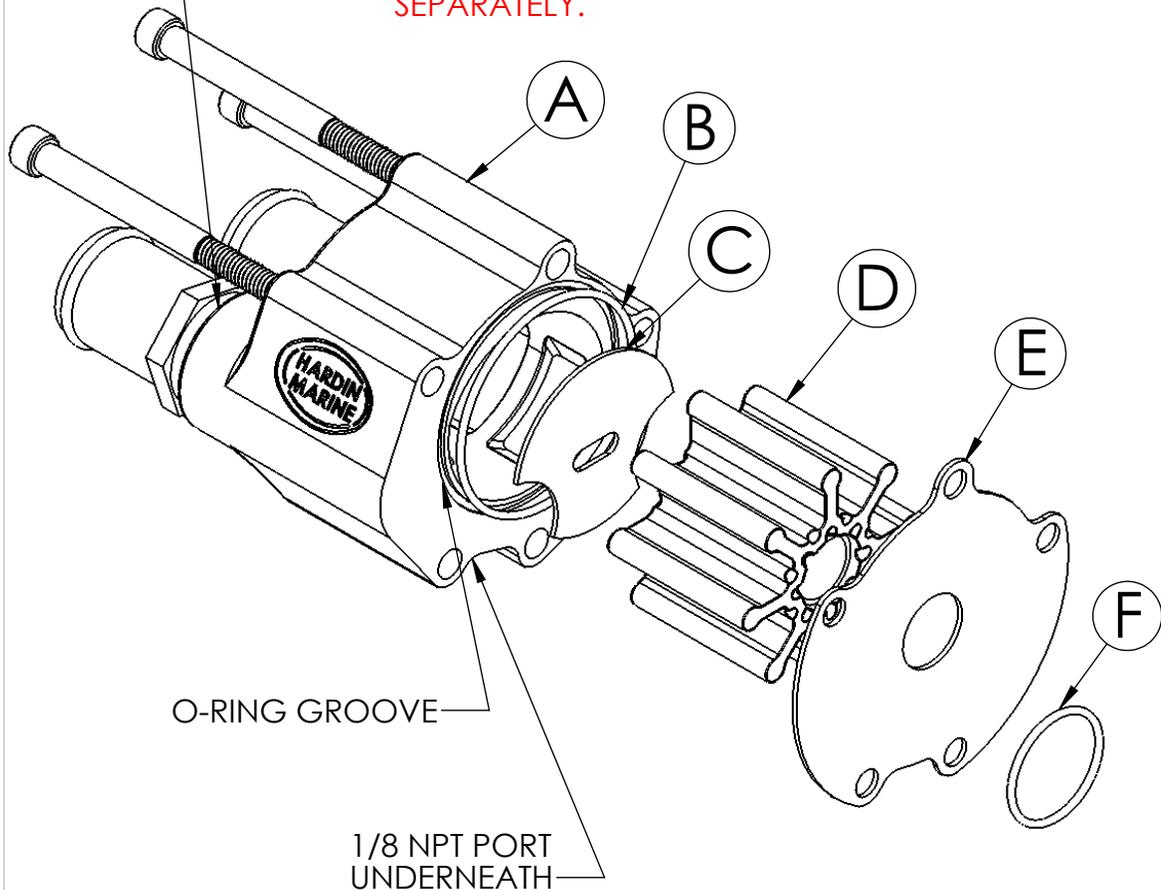


USE ONLY LIQUID PIPE THREAD SEALER TO INSTALL FITTINGS INTO BODY. DO NOT USE TEFLON TAPE. FITTINGS ARE SOLD SEPARATELY.



INSTALLATION INSTRUCTIONS:

- 1) INSTALL WEAR PLATE (C) INTO BODY (A). WEAR PLATE CAN ONLY FIT IN ONE DIRECTION. MAKE SURE THE SLOT FITS OVER THE ADJOINING KNOB IN BODY.
- 2) APPLY GREASE INSIDE BORE AREA. INSERT IMPELLER (D) INTO BORE. MAKE SURE IMPELLER BLADES ARE BENT IN THE DIRECTION SEA PUMP WILL BE SPINNING. THE BACK SIDE OF BODY SHOWS STANDARD LEFT HAND ROTATION.
- 3) INSTALL LARGER O-RING (B) IN THE O-RING GROOVE IN THE BODY. APPLY A LIGHT COAT OF GREASE TO O-RING. THIS WILL HOLD O-RING IN PLACE.
- 4) INSTALL SMALL O-RING (F) INTO THE GROOVE IN YOUR STOCK MERCURY BEARING HOUSING. APPLY LIGHT COAT OF GREASE TO O-RING. THIS WILL HOLD O-RING IN PLACE.
- 5) SLIDE WEAR PLATE (E) OVER YOUR STOCK MERCURY SHAFT AND AGAINST THE BEARING HOUSING.
- 6) INSERT MERCURY SHAFT AND BEARING HOUSING ONTO SEA PUMP BODY ASSEMBLY.
- 7) APPLY ANTI-SEIZE TO THE THREADS OF THE SUPPLIED BOLTS. MAKE SURE TO USE THE LONG BOLTS IN THE SAME SPOT AS THE ORIGINAL BOLTS. THE LONG BOLTS ARE NEEDED TO ATTACH YOU SEA PUMP BRACKET.
- 8) THE SEA PUMP BODY IS MACHINED WITH A 1/8 NPT THREADED PORT (SEE NOTE). THIS PORT ALSO ALLOWS THE SEA PUMP TO BE DRAINED DURING WINTERIZING.

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OPTIONAL STAINLESS STEEL FITTINGS:
 540-222151 1" NPT x 1-1/4 HOSE BARB STRAIGHT.
 540-222161 1" NPT x 1-1/4 HOSE BARB 45°.
 540-222173 1" NPT x 1-1/4 HOSE BARB 90°.

HARDIN MARINE 11 Industry Dr. Palm Coast, FL 32137
 386-445-2500 / FAX 386-445-1122

TITLE: MERCURY SEA PUMP REBUILD KIT

SIZE	DWG. NO.	PART NO.	REV
A	625-4178	625-4178	
SCALE: 1:1		DRAWN BY: J.P.STULL	DATE: 02/11/09