

**GEN 7 PLUS SEA PUMP  
w/ BILLET PULLEY**  
625-4131

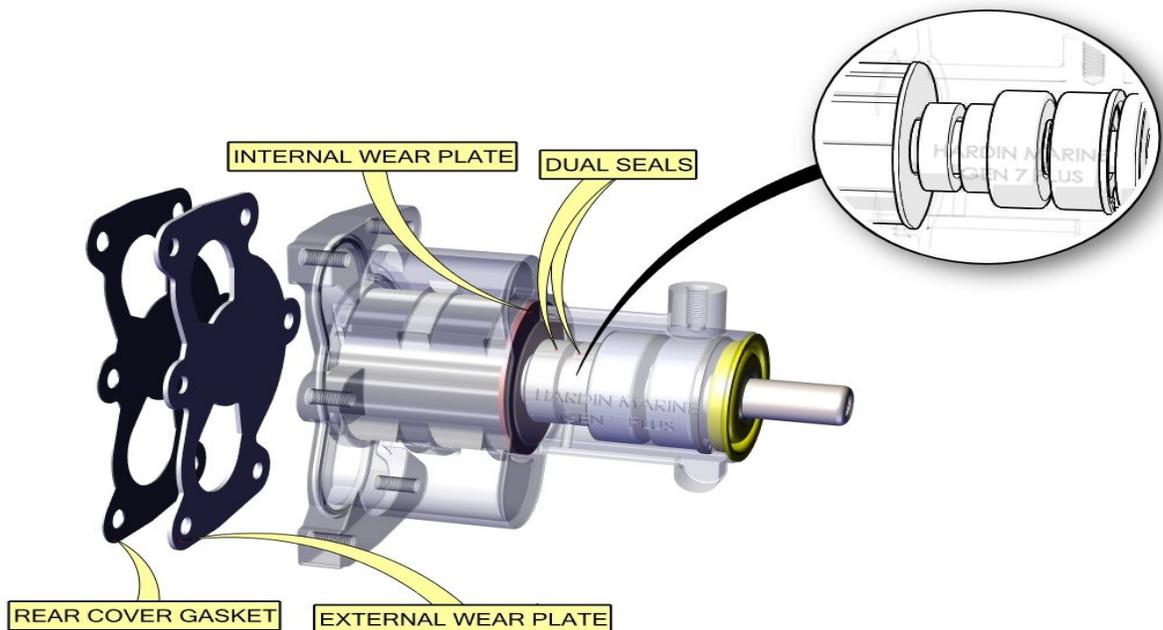


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## HARDIN MARINE ADVANTAGE

- **316 STAINLESS STEEL POLISHED BODY.**
- **INTERNAL WEAR PLATE DESIGN PROVIDES A LIFETIME OF SERVICE.**
- **EXTERNAL WEAR PLATE ALLOWS STOCK REAR COVER TO BE REUSED REGARDLESS OF PREVIOUS WEAR DAMAGE.**
- **20% LARGER PUMP SHAFT ACCEPTS MOST POPULAR OEM MERCUISER IMPELLERS**
- **40% LARGER BEARINGS FOR INCREASED LONGEVITY.**
- **DUAL SHAFT SEALS WITH WATER WEEP HOLE.**
- **BILLET ALUMINUM BLACK ANODIZED SERPENTINE PULLEY**

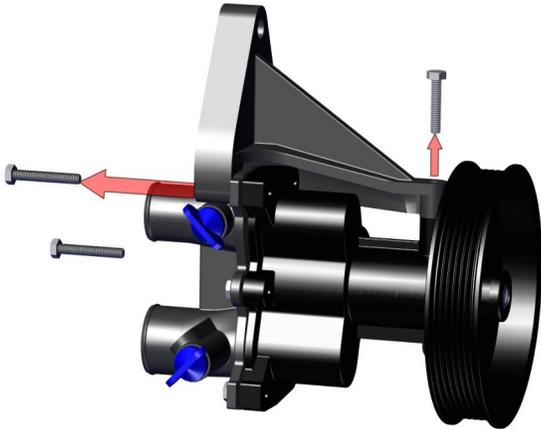


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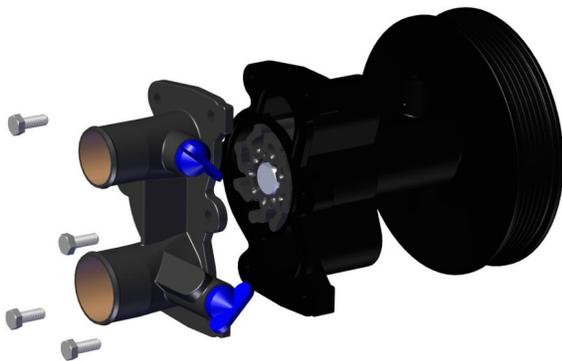
## Step 1

1. Remove the belt.
2. Remove both hoses from the pump.
3. Using a 10 mm socket, remove the 3 bolts as shown.



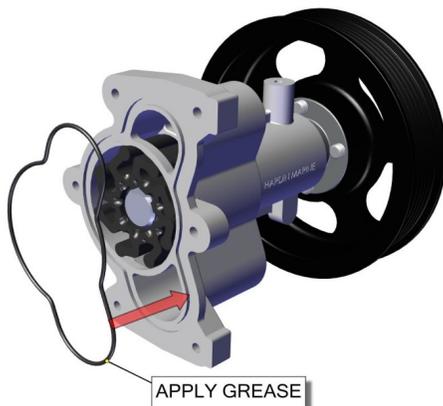
## Step 2

1. Using 10 mm socket remove the remaining 4 bolts as shown.
2. Save the rear cover.



## Step 3

1. Apply white lithium grease to the o-ring and install into the new pump housing groove.
2. Apply whiter lithium grease on the end of the impeller.

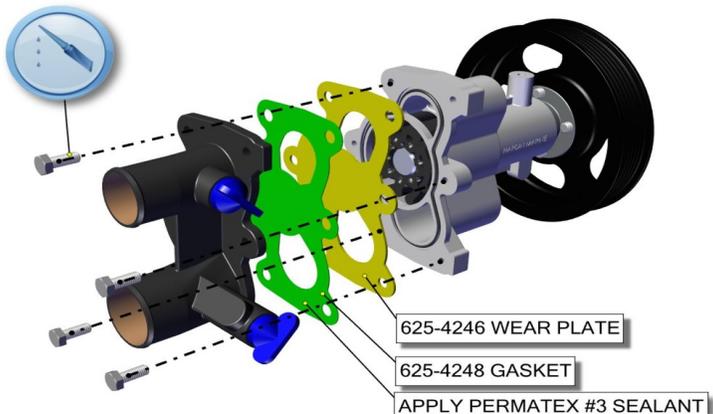


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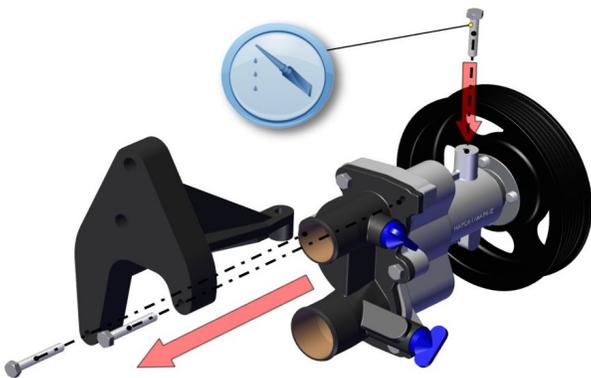
## Step 4

1. Apply Permatex #3 sealant to both sides of gasket, as shown.
2. Apply anti-sieze to the 4 rear cover bolts.
3. Install rear cover, gasket & wear plate as shown.
4. Lightly tighten the bolts.



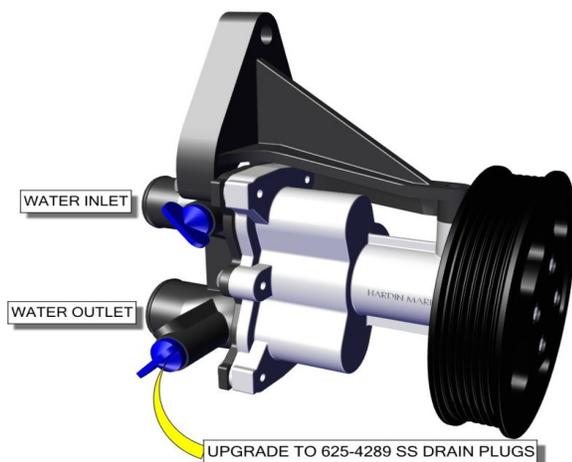
## Step 5

1. Apply anti-sieze to the remaining 3 bolts.
2. Install pump as shown.
3. Torque all 7 bolts to 6 ft. lbs..



## Step 6

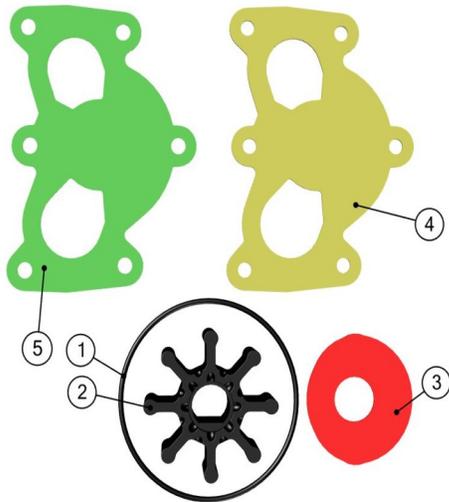
1. Attach hoses and belt. Check belt alignment.
2. As a preventive maintenance, replace the plastic Mercury drain plugs with Hardin stainless steel drain plugs.



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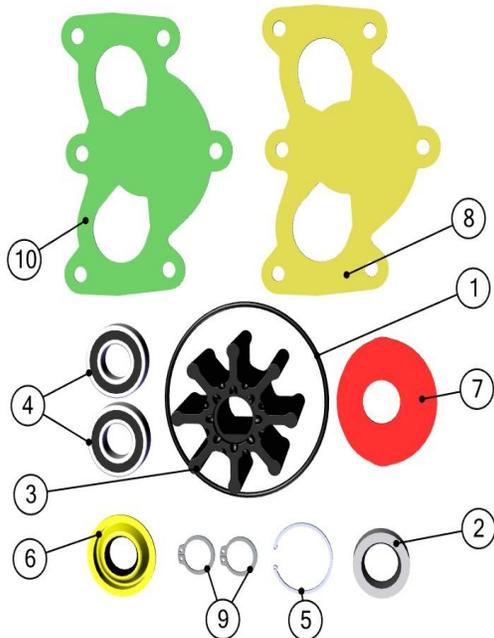
## REPLACEMENT REBUILD KITS

### 625-4203 STANDARD REBUILD KIT



#	PART #	DESCRIPTION	QTY
1	625-1053	O-RING	1
2	625-4080	IMPELLER	1
3	625-4245	WEAR PLATE-INT.	1
4	625-4246	WEAR PLATE-REAR	1
5	625-4248	GASKET	1

### 625-4133 MASTER REBUILD KIT



#	PART #	DESCRIPTION	QTY
1	625-1153	O-RING	1
2	625-4005	SEAL	2
3	625-4080	IMPELLER	1
4	625-4302	BEARING	2
5	625-4305	SNAP RING	1
6	625-4304	SEAL	1
7	625-4245	WEAR PLATE-INT	1
8	625-4246	WEAR PLATE-REAR	1
9	625-4303	SNAP RING	2
10	625-4248	GASKET	1