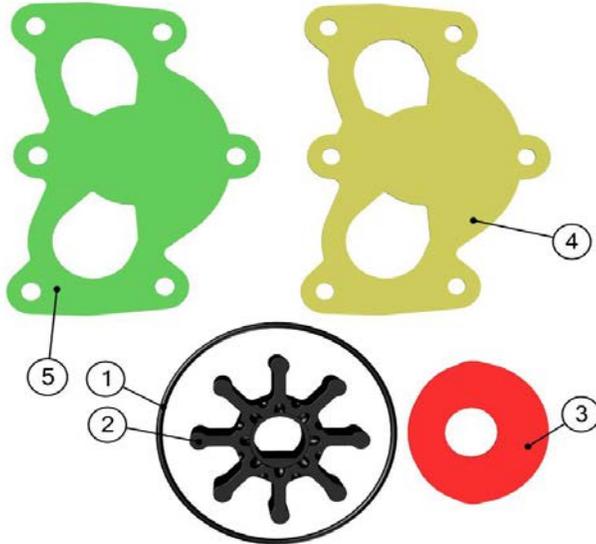




GEN 7 STANDARD REBUILD KIT

625-4203



#	PART #	DESCRIPTION	QTY
1	625-1153	O-RING	1
2	625-4011	IMPELLER	1
3	625-4245	WEAR PLATE-INT	1
4	625-4246	WEAR PLATE-REAR	1
5	625-4248	GASKET	1

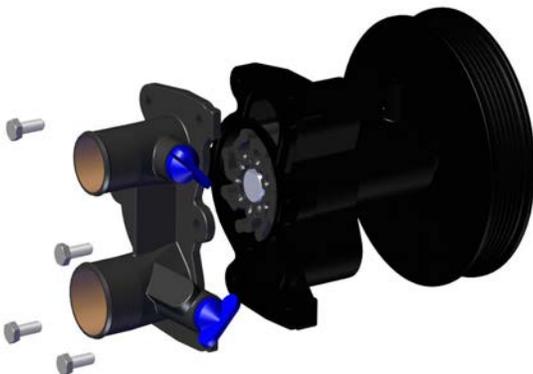
Step 1

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



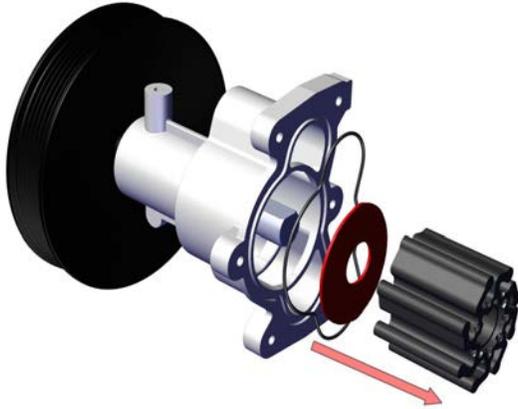
Step 2

1. Using 10mm socket, remove the 4 remaining bolts as shown.
2. Clean gasket from rear cover.
3. Save the rear cover



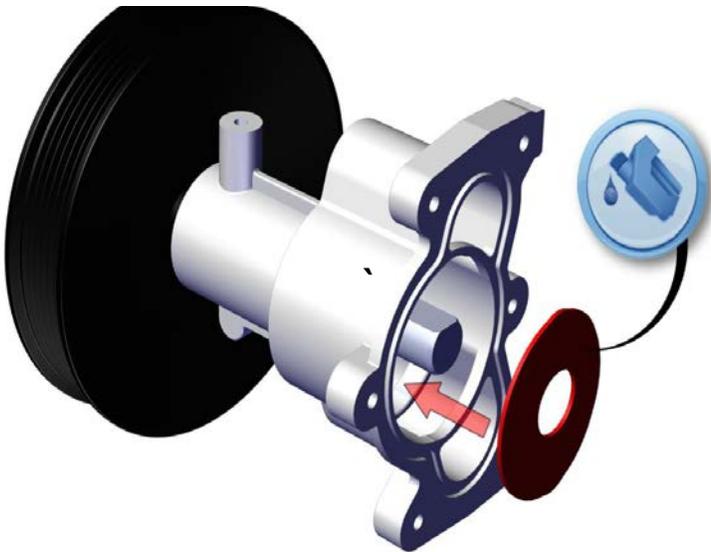


GEN 7 STANDARD REBUILD KIT 625-4203



Step 3

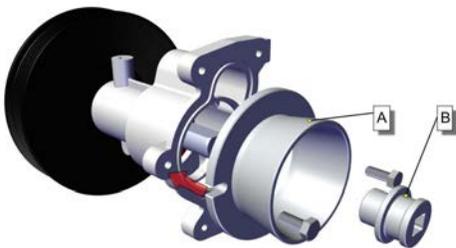
1. Remove the old impeller, o-ring and internal wear plate.
2. Clean the impeller bore.



Step 4

Install white lithium grease on the face of the wear plate that the impeller will ride on.

Install wear plate in the body.



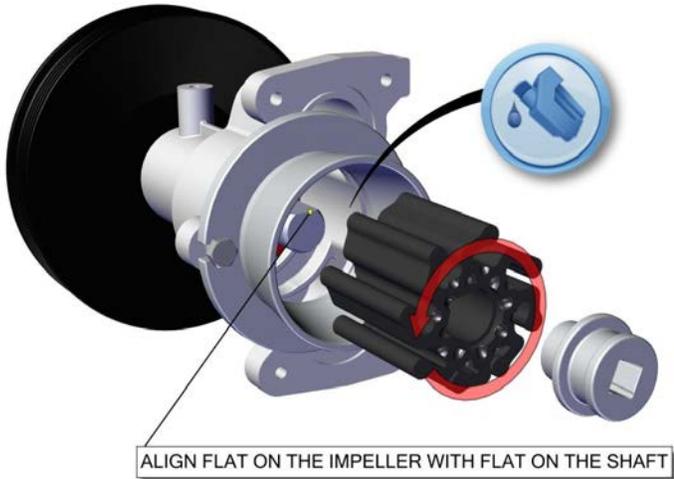
Step 5

1. If you did not purchase 625-4209 installation tool go to step 6.
2. Attached 625-4208 cone, Fig A, using the stock rear cover bolts.
3. Fig. B shows 625-4207 driver.



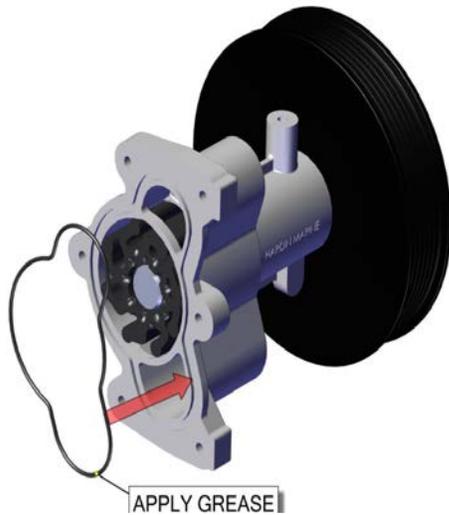
GEN 7 STANDARD REBUILD KIT 625-4203

Step 6



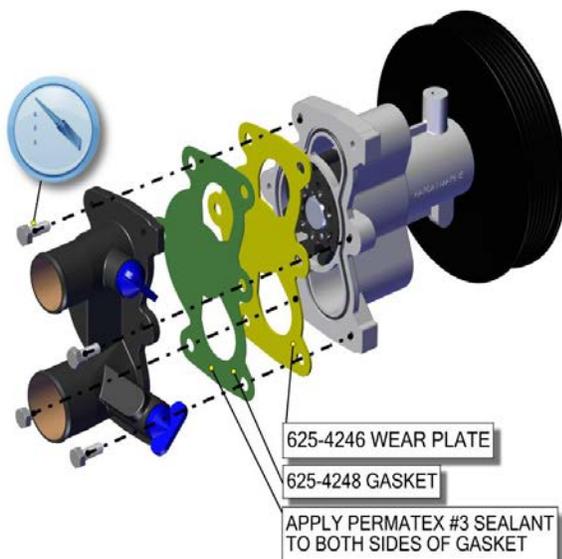
1. Apply white lithium grease to the inside bore and cone.
2. Install impeller into the cone, notice blade rotation.
3. Use the 625-4207 driver to align flat on the impeller with the flat on the shaft.
4. Push impeller in and remove cone.

Step 7



1. Apply white lithium grease to the o-ring and install in the groove.
2. Apply white lithium grease to the end of the impeller

Step 8



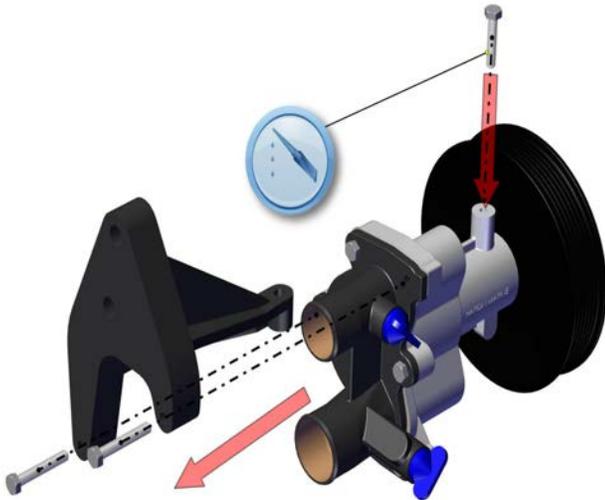
1. Apply Permatex #3 sealant to both sides of the gasket, as shown.
2. Apply anti-sieze to the 4 rear cover bolts.
3. Install rear cover, gasket & wear plate as shown.
4. Lightly tighten bolts.



GEN 7 STANDARD REBUILD KIT 625-4203

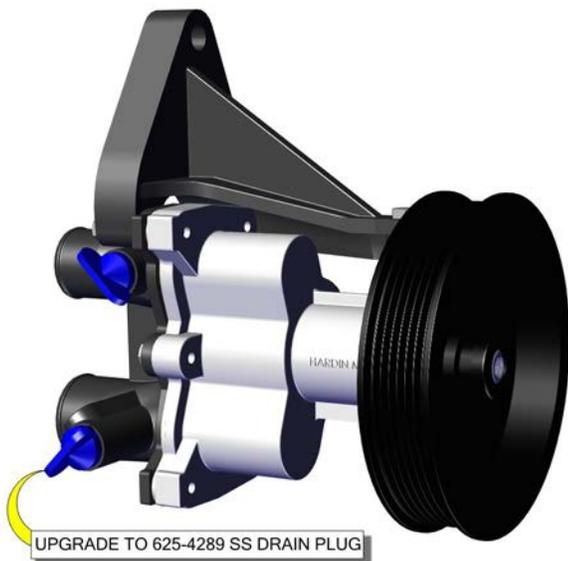
Step 9

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



Step 10

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, 625-4289



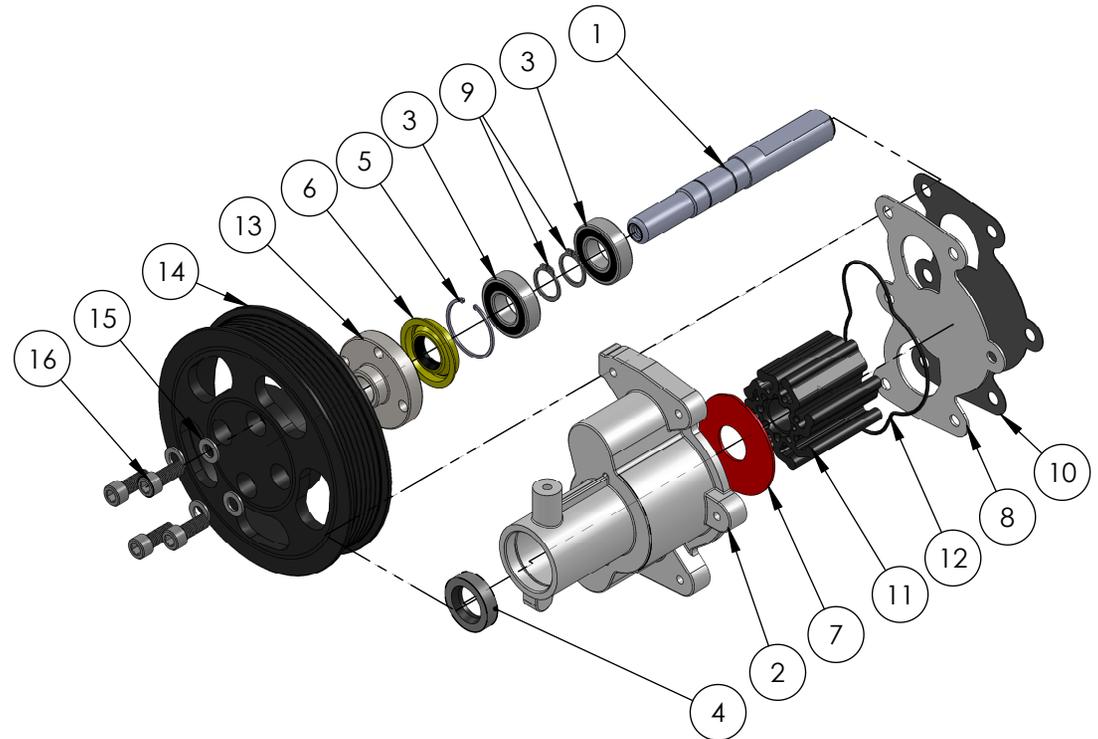
- Click to add text

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

PART NO.
625-4101

TITLE:
GEN 7 EXPLODED VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	625-4241	SHAFT, GEN 7 SEA PUMP	1
2	625-4240	BODY, GEN 7	1
3	625-4242	BEARING, GEN 7	2
4	625-4005	SEAL, SEA PUMP	1
5	625-4243	RING, SNAP	1
6	625-4244	SEAL, SEA PUMP	1
7	625-4245	WEAR PLATE, INTERNAL	1
8	625-4246	WEAR PLATE, REAR	1
9	625-4247	RING	2
10	625-4248	GASKET, GEN 7	1
11	625-4011	IMPELLER, SEA PUMP	1
12	625-1153	O-RING, GEN 7	1
13	625-4263	HUB, GEN 7 SEA PUMP	1
14	625-4262	PULLEY	1
15	90031AN-STSS	WASHER, 5/16 AN	4
16	90031F075SHS	BOLT, SHCS, 5/16-24x.75	4



www.hardin-marine.com

PART NUMBERS 13, 14, 15 & 16 ARE PART OF
625-4101 SEA PUMP WITH PULLEY.

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