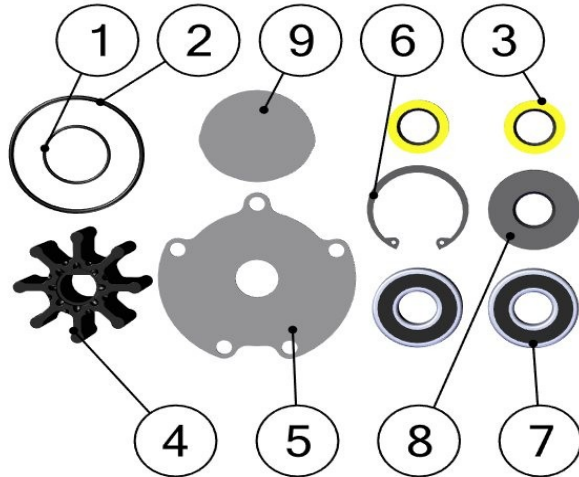




# HARDIN GEN 4 REV 2 MASTER REBUILD KIT

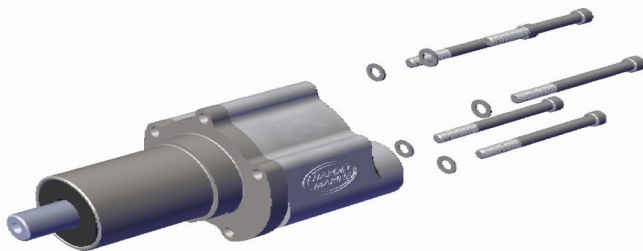
625-4174



Description	BOM ID	Qty
625-1026	1	1
625-1145	2	1
625-4005	3	2
625-4011	4	1
625-4018	5	1
625-4077	6	1
625-4078	7	2
625-4079	8	1
625-4265	9	1

- **Step 1:**

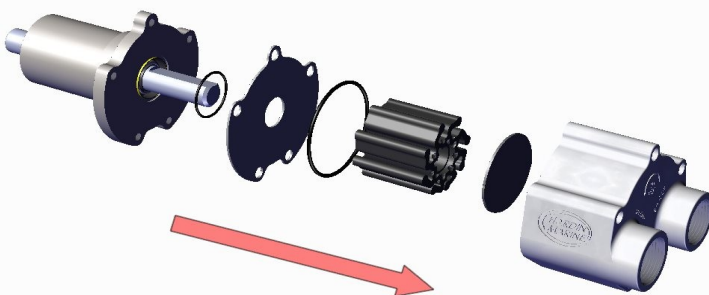
1) Using 1/4 hex socket remove bolts and washers.



- **Step 2:**

1) Remove housing, impeller, wear plates and o-rings.

2) Discard parts.





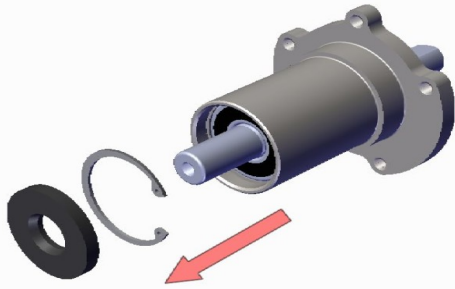
## HARDIN GEN 4 REV 2 MASTER REBUILD KIT

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- **Step 3:**

1) Use a screwdriver to remove the front seal.

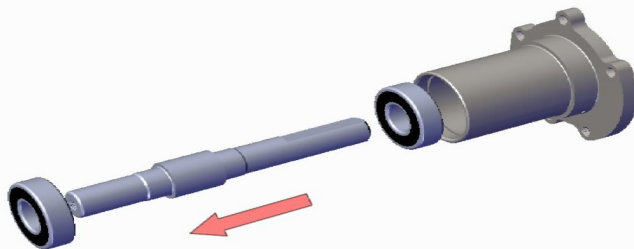
2) Use snap ring pliers to remove snap ring.



- **Step 4:**

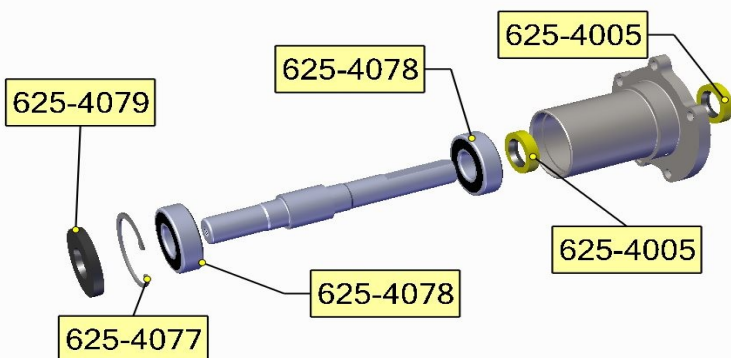
1) Press shaft out of the housing.

2) Remove bearings from the shaft and discard.



- **Step 5:**

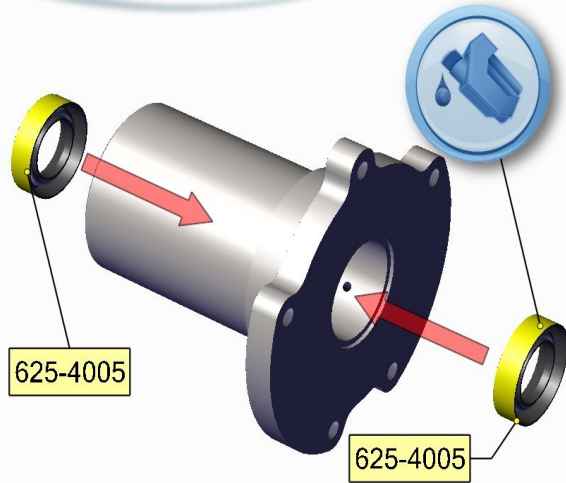
1) These are all the new parts for the front snout assembly.





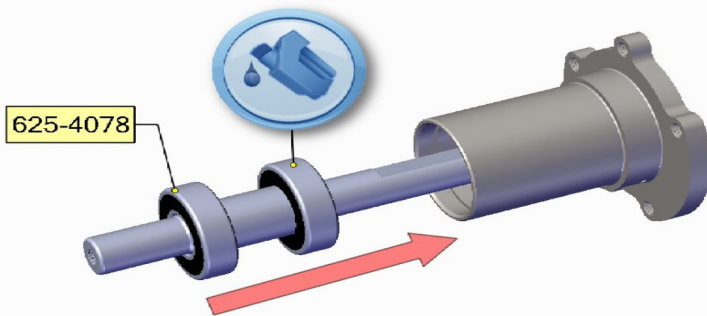
## HARDIN GEN 4 REV 2 MASTER REBUILD KIT

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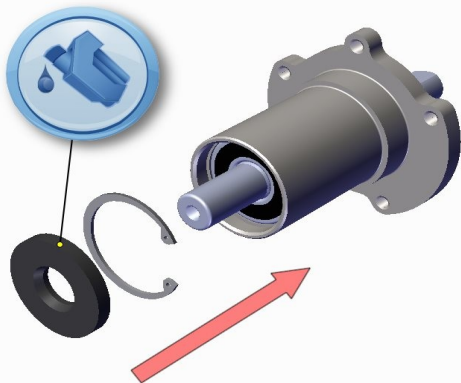
- **Step 6:**

- 1) Remove both seals and clean the housing.
- 2) Make sure the seals are flush with the inside and back side of the bearing housing.
- 3) Coat seals with petroleum jelly



- **Step 7:**

- 1) Press the new bearings on the shaft.
- 2) Coat bearings with grease and install shaft into the housing.



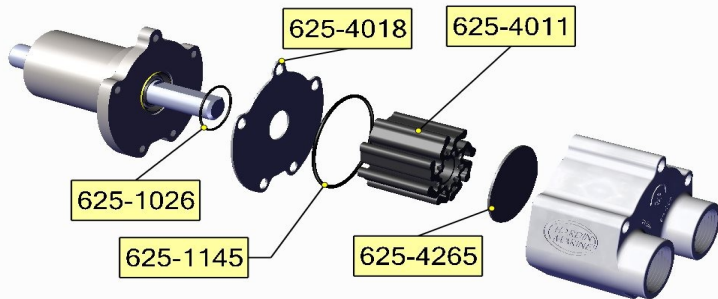
- **Step 8:**

- 1) Using snap ring pliers, install the new snap ring
- 2) Coat seal with petroleum jelly and install flush with housing.



# HARDIN GEN 4 REV 2 MASTER REBUILD KIT

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- **Step 9:**

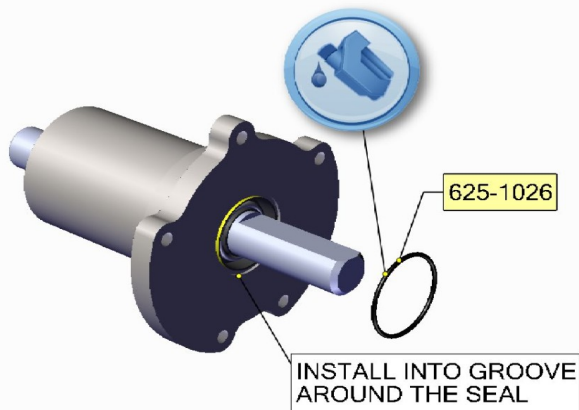
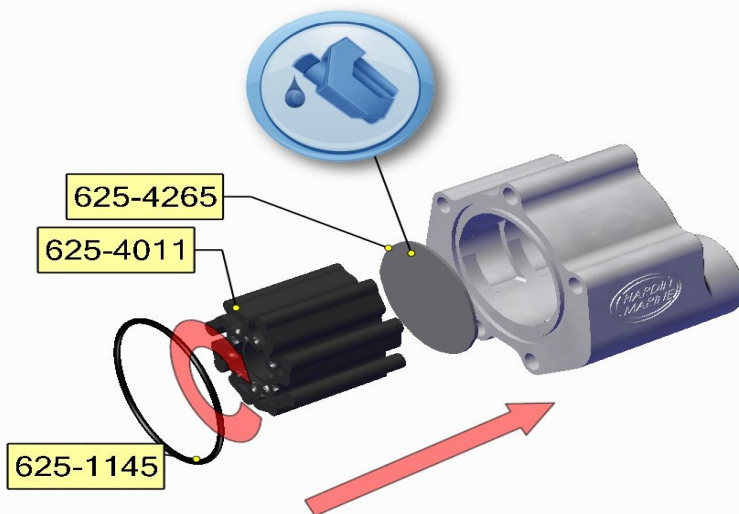
1) This is the list of the new parts and the order of assembly.

- **Step 10:**

1) Install rear plate into the housing. Coat with petroleum jelly.

2) Coat inside of housing with petroleum jelly. Install impeller into the housing. Rotate clockwise like shown for standard rotation engine, port side mounted sea pump.

- 3) Coat o-ring with petroleum jelly and install into the groove in the housing.



- **Step 11:**

1) Coat o-ring with petroleum jelly and install into the groove around the groove around the seal.



## HARDIN GEN 4 REV 2 MASTER REBUILD KIT

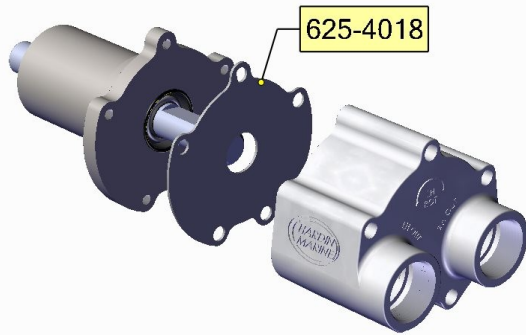
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- **Step 12:**

- 1) Slide wear plate over the shaft.

- 2) Make sure the impeller side of the wear plate is coated with petroleum jelly.

- 3) Install sea pump impeller housing.



- **Step 13:**

- 1) Apply anti-sieze to the bolts.

- 2) Using 1/4 hex socket install bolts and torque to 20 ft. lbs..

- 3) The front of the sea pump is threaded for reinstalling sea pump pulley using the power steering pulley installer.

