

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

3.0 Litre Driveshaft Oil Seal Carrier Kit

Models Affected

MERCURY/MARINER/TRACKER

All standard production 3.0 Litre Outboards using standard gear case.

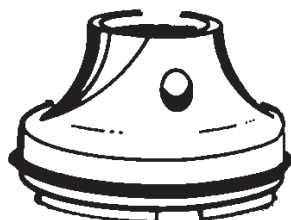
Gear case operating pressure can become excessive under certain conditions, triggering the driveshaft oil seal carrier to be pushed upward. This upward pressure bends the base plate of the water pump, which causes water pump impeller and base plate damage. Conditions that contribute to excessive pressures are overfilling of the gear case, water intrusion into the gear case, and/or elevated engine height.

Correction

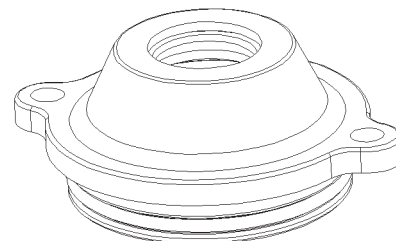
Replace driveshaft oil seal carrier with kit **840836A2** if the water pump base plate is bent or the water pump impeller is damaged from excessive upward pressure from seal carrier. Water pump impeller damage caused by excessive upward seal carrier pressure will have the bottom side of the impeller near the center hub damaged/burnt.

NOTE: Installation instructions are included with kit.

Standard Oil Seal Carrier



Oil Seal Carrier from Kit 840836A2



Parts Required

Part Description	Quantity	Part Number
Oil Seal Carrier Kit	1	840836A2
Water Pump Repair Kit	1	847275A5

Warranty

The carrier kit and damaged water pump parts due to excessive upward pressure on the seal carrier, will be covered under warranty during the normal factory warranty. Damaged impeller, face plate, and old seal carrier must be returned with warranty claim. Complete warranty claim listing:

- Outboard serial number
- One (1.0) hour labor
- Warranty flat rate: NJC
- Part Code: 612
- Failure Code: 00

U.S. and Canada: Return damaged parts and old seal carrier with complete warranty claim.

International: Follow instructions issued by Marine Power International office or by your distributor.