

Shift Shaft Seal – 225 & 250

Models Affected

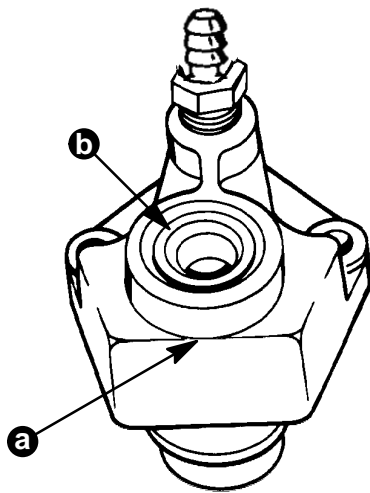
MARINER AND MERCURY

1996 225, 225 EFI, 250 EFI

S/N 0G325934 thru 0G336858

3 Litre Marathon/Sea Pro models are not affected.

The shift shaft oil seal on the models listed may become loose and allow water to enter the gearcase. On a small quantity of units, the shift shaft oil seal hole in the bushing was machined 0.002 inch (0.05 mm) too large.



a - Bushing
b - Shift Shaft Oil Seal

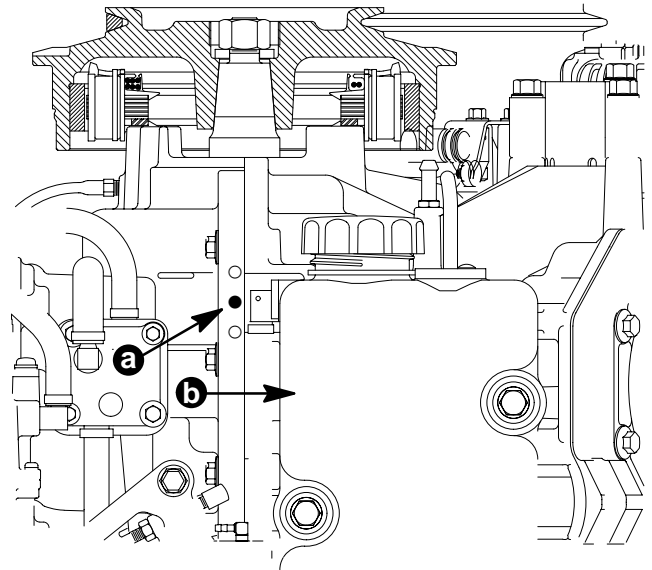
Figure 1. Shift Shaft Bushing Assembly

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Product reworked by Mercury Marine will have:

a white paint dot on the port side of the powerhead by the crankcase split line forward of the top of the oil tank.

a yellow colored dot on the outside of the shipping carton by the serial number.



a - Identification Mark
b - Oil Tank

Figure 2. Port Side View

Dealers that received the product were contacted by a Mercury Marine representative, advised to replace the shift shaft bushing, and mark the powerhead for identification purposes.

SERVICE PARTS STOCK

Mercury Marine parts stock was inspected and found to be good. It appears none of the shift shaft bushing with the oversized hole were in distribution inventory.

CORRECTION

When servicing any of the product listed, check if the powerhead has the identification mark and, if not, replace the shift shaft bushing and mark the powerhead.

IMPORTANT: DO NOT install p/n 23-815921A 8 shift shaft bushing into an outboard gearcase.

When replacing a shift shaft bushing on 225, 250, and 3 Litre Marathon/Sea Pro models, install p/n 23-815921A 4. The A 4 has a p/n 23-816464 1 shift shaft seal that will release excess pressure. The parts manual will be changed at the next reprint.

Shift Shaft Bushing Assembly

Outboard 23-815921A 4 with 23-816464 1 Seal Bushing White	MerCruiser 23-815921A 8 with 23-89236 Seal Bushing White Supersedes to 23-815921A10 Bushing Black
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PARTS REQUIRED

P/N 23-815921A 4 Shift Shaft Bushing Assembly

REPAIR IDENTIFICATION

Paint a white paint dot on the port side of the powerhead by the crankcase split line forward of the top of the oil tank (refer to Figure 2).

WARRANTY

Complete warranty claim listing:

Outboard serial number.

Qty. 1	P/N 23-815921A 4	Shift Shaft Bushing Assembly
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Eight tenths (0.8) hour labor.

Warranty labor rate code - OG17.

Failure Code 250 40.

USA & Canada - Tag and hold parts for 60 days after the warranty credit is received.

International - Hold parts for inspection/disposal by a Marine Power International technical representative.