

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

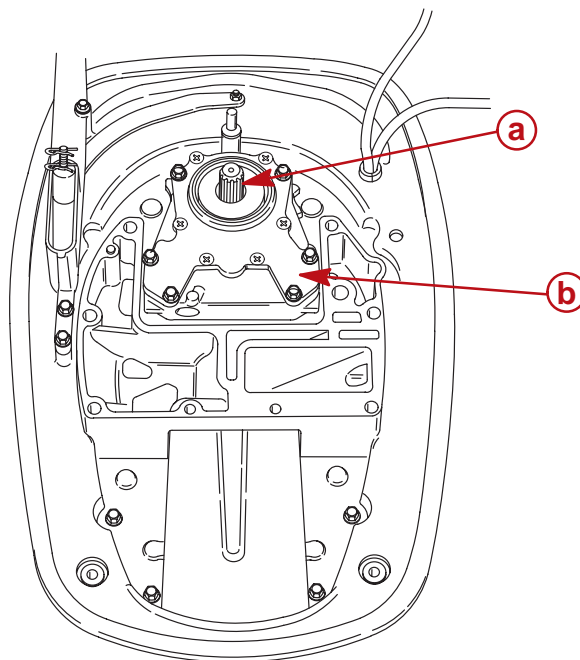
Running Engine Without The Gearcase - 75/90, 115 Four Stroke

Models Affected

MERCURY/MARINER
2000 and newer
75/90 Four Stroke
S/N 0G960500 and above

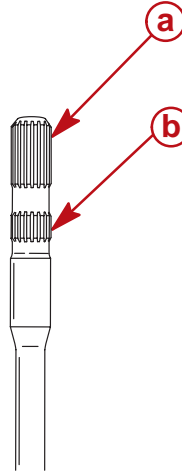
2001 and newer
115 Four Stroke
S/N 0T178500 and above

Mercury/Mariner 75hp through 115hp four stroke outboards MUST NOT BE RUN WITH THE GEARCASE REMOVED. These model outboards have an oil pump that is mounted on top of the adaptor plate and connected to the crankshaft via the gearcase driveshaft. Therefore, conventional troubleshooting methods that requires removal of the gearcase while running the engine must not be used.



a - Drive Shaft
b - Oil Pump

The oil pump is driven by the lower splines on the drive shaft. The upper splines fit into the end of the crankshaft.



- a** - Crankshaft Splines
- b** - Oil Pump Splines

Drive Shaft Connects Oil Pump to Crankshaft

Warranty

If an engine failure is caused by running engine without the gearcase installed, warranty coverage will not be provided.