



# Service Bulletin

Bulletin No. 2014-10

Circulate to:  Sales Manager  Accounting  Service Manager  Technician  Parts Manager

## Gearcase Lubricant Underfilled

### Models Affected

Models Covered	Serial Number
Outboard product	All

### Scope

Worldwide

### Situation

Mercury Marine has discovered that a small number of outboard engines may have been shipped with slightly underfilled gearcases.

### Correction

While performing the required predelivery inspection (PDI), be certain to check all required items, including the gearcase (lower unit) lubricant.

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## Outboard Pre-Delivery Inspection Checklist

The following checks appear on the **Outboard Pre-Delivery Inspection (PDI)** checklist, 816212-2. To be eligible for full warranty coverage, all checks must be performed prior to delivery to the customer and evidence of PDI completion must be submitted to Mercury Marine.

**NOTE:** A paper copy of the PDI checklist is included in the literature bag that is packaged with the engine, and can be completed and returned to Mercury with the registration information. Alternatively, an on-line version of the PDI checklist can be completed during product registration on MercNET.

Not Applicable	Check/ Adjust	CHECK BEFORE RUNNING
___	___	Service Bulletin updates or repairs completed?
___	___	Lower unit lubricant
___	___	Tilt tube and swivel pin lubrication
___	___	Engine tight on transom, height correct and centered
___	___	Fuel line and fuel tank installation
___	___	Gasoline-oil mixture for break-in
___	___	Co-pilot adjustment
___	___	Steering operation through complete range
___	___	Remote control operation
___	___	Electrical harness installation
___	___	Battery fully charged and properly secured
___	___	Battery cable connections tight and protective cover(s) in place
___	___	Instrument connections
___	___	Manual tilt operation
___	___	Manual tilt valve operation
___	___	Power trim oil level
___	___	Power trim and tilt operation
___	___	Check for tight steering link and fasteners
___	___	Fill oil injection reservoir(s)
___	___	Purge air from oil injection system
___	___	Check operation of low oil and overheat warning horns
___	___	Shift cable adjustment
___	___	Select correct propeller, install and torque
___	___	4-cycle engine oil level
___	___	Warning gauge installed
___	___	SmartCraft gauge(s) calibrated
Not Applicable	Check/ Adjust	CHECK WHILE RUNNING
___	___	Rewind starter/neutral interlock operation
___	___	Electric starter/neutral safety switch
___	___	Manual choke operation
___	___	Electric check or enricher operation
___	___	Tell-tale water stream
___	___	Instrument(s) operation
___	___	Check idle RPM

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Not Applicable	Check/ Adjust	<b>CHECK WHILE RUNNING</b>
___	___	Idle RPM _____
___	___	Throttle and shift, ease of operation
___	___	Steering operation throughout range
___	___	Reverse operation and reverse locks hooks
___	___	Shallow water drive
___	___	Power trim operation
___	___	Trim tab adjustment
___	___	Tilt angle adjustment
___	___	Maximum RPM/Timing _____
___	___	Stop switch and lanyard stop switch

Not Applicable	Check/ Adjust	<b>CHECK AFTER RUNNING</b>
___	___	Oil, gasoline, or water leakage
___	___	Propeller nut torque
___	___	Power trim and oil injection oil levels
___	___	4-cycle engine oil level
___	___	CARB Hang Tag and Owners Manual in Boat*
___	___	CARB Decal properly affixed to boat hull*

*\*If registered to a California resident.*

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