

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

Lower Driveshaft Bearing Installed Incorrectly – Verado and 3.0 Liter OptiMax Service Gearcase Assemblies

Models Affected

| Models Covered | Serial Number |
|---|---|
| 135/150/175/200 Verado L4 200/225/250/275/300 Verado L6 200/225/250 3.0 Liter OptiMax | Service replacement gearcases - See gearcase serial numbers listed under Part Identification . |

Situation/Correction

Some of the service gearcases listed below may have been assembled with the lower driveshaft needle bearing in the incorrect direction (number side down). Gearcases assembled in this manner will fail after a short time in operation. These service gearcases must be replaced and returned to Mercury Marine as soon as possible for inspection and possible rework.



a - This end up

Gearcase Part Number Identification

On the following table, the column on the left represents the production part numbers as indicated on the gearcase bar code label. The center column lists the corresponding service part number as listed on the gearcase packaging label. The column on the right shows the model usage for the gearcase.

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Lower Driveshaft Bearing Installed Incorrectly – Verado and 3.0 Liter OptiMax Service Gearcase Assemblies

| Production Model Numbers | Service Part Number | Gearcase Usage |
|--------------------------|---------------------|-----------------------|
| 880686A14 | 1600-880686T14 | 1.85:1 Verado L6 XL |
| 880686A15 | 1600-880686T15 | 1.85:1 Verado L6 CXL |
| 880686A16 | 1600-880686T16 | 1.85:1 Verado L6 XXL |
| 880686A17 | 1600-880686T17 | 1.85:1 Verado L6 CXXL |
| 880686A23 | 1600-880686T23 | 2.08:1 Verado L4 L |
| 880686A24 | 1600-880686T24 | 2.08:1 Verado L4 XL |
| 880686A25 | 1600-880686T25 | 2.08:1 Verado L4 CXL |
| 880686A29 | 1600-880686A43 | 1.75:1 OptiMax L |
| 880686A33 | 1600-880686A44 | 1.75:1 OptiMax XL |
| 880686A34 | 1600-880686A51 | 1.75:1 OptiMax XXL |
| 880686A38 | 1600-880686A52 | 1.75:1 OptiMax CXL |
| 880686A56 | 1600-880686A56 | 1.75:1 Verado XXL |
| 880686A58 | 1600-880686A58 | 1.75:1 Verado CXL |

Part Identification

The table below shows the affected serial number codes. This code is found on the bar code sticker affixed to the top side of the anti-ventilation plate. Gearcase replacement is only required if the gearcase serial number can be matched with one of the suspect serial numbers listed.

| Suspect Serial Numbers | | |
|------------------------|------|-----------|
| Line | Date | Time |
| GA9 | 068 | 0701-1708 |
| GA9 | 069 | 0701-1708 |
| GA9 | 070 | 1401-1708 |
| GA9 | 071 | 1401-1708 |
| GA9 | 095 | 1401-1708 |
| GA9 | 096 | 1401-1708 |
| GA9 | 097 | 1401-1708 |
| GA9 | 098 | 1401-1708 |
| GA9 | 104 | 1401-1708 |
| GA9 | 105 | 1401-1708 |
| GA9 | 106 | 1401-1708 |
| GA9 | 108 | 1401-1708 |
| GA9 | 110 | 1401-1708 |
| GA9 | 111 | 1401-1708 |
| GA9 | 112 | 1401-1708 |
| GA9 | 117 | 1401-1708 |
| GA9 | 118 | 1401-1708 |

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| Suspect Serial Numbers | | |
|------------------------|------|-----------|
| Line | Date | Time |
| GA9 | 119 | 1401-1708 |



- a** - Assembly line
- b** - Julian date
- c** - Time stamp: First engine at 12:00 hour

Dealer Parts Inventory

Return any boxed or unused gearcases that have been identified by the affected serial number.

Repair Identification

Service gearcases within the serial number range listed that have been inspected or reworked at Mercury Marine are identified by:

- A green paint mark on the end of the propeller shaft.
- A green paint mark applied onto the serial number label located on the gearcase anti-ventilation plate.

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- A green dot sticker applied to the part number label on the gearcase shipping carton.



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Warranty

Mercury Marine will credit the dealer for the cost of the part and labor.

Complete a warranty claim listing:

- Gearcase part number
- 0.3 hour labor
- Warranty flat rate code: SB03
- Part code: 206
- Failure code: 00

US AND CANADA

Complete and process the claim via MercNET or return a warranty claim form.

International

Follow the instructions issued by Marine Power International office or by an authorized Marine Power Distributor.

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