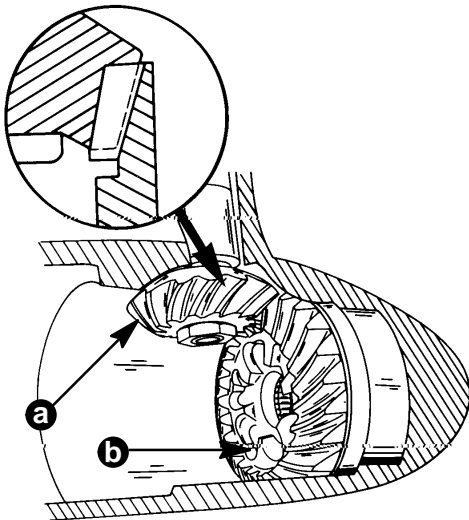


## Gear Failures - Force 40/50 HP

### Models Affected

Force 1995 and 1996 Model 40/50  
Serial Number  
0E093700 thru 0E202999

Some of the listed outboards have experienced low hour gear failures due to a poor pinion gear/forward gear engagement. The pinion gear has been revised to move the gear tooth contact pattern away from the toe of forward gear to prevent forward gear tooth chipping. The new pinion gear p/n 43-821326--1 has been installed into the gear housings of the 1997 models of the 40/50 HP with the starting serial numbers of 0E203000 and above.



### Pinion Gear/Forward Gear

a - Pinion Gear  
b - Forward Gear

### Owner Notification

Due to a low probability of a failure after the first twenty hours of outboard operation, a customer letter will not be issued.

### Dealer Outboard Inventory

Outboards in dealer inventory which **MUST BE** re-worked prior to customer delivery are listed below:

1996 Model 40/50  
Serial Number 0E179004 thru 0E202999

### Parts Required

#### GEAR HOUSING ASSEMBLY (2:1 RATIO)

PART NO.	DESCRIPTION
1682-821306A16	LONG, GRAPHITE GRAY

### Correction

**IMPORTANT:** Refer to outboard service manual for proper gear housing replacement procedures.

Replace the complete gear housing assembly if a gear failure occurs.

**USA** – Use Quick-fax (800-842-4550) or call Mercury Marine Outboard Service at (414-929-5884) for a pre-authorized warranty to replace the gear housing assembly.

**CANADA** – Use Quick-fax (800-663-8334) or call Mercury Marine Service/Warranty (905-270-4481).

**INTERNATIONAL** – Call your area office.

## Warranty

Gear failures on the listed 1995 and 1996 model year outboards will be covered by a special warranty for two (2) years from the date of sale to the original owner to assure customer satisfaction.

Complete a warranty claim listing:

- Outboard serial number(s)
- Qty 1 p/n 1682-821306A16 Gear Housing Assembly
- One (1) hour labor
- Labor Rate Code:  
0G 12
- Failure Code: 210 00

**USA:** Return gear housing assembly with a copy of the warranty claim.

**Canada:** Return gear housing assembly with a copy of the warranty claim to Mercury Marine Mississauga.

**International:** Tag and hold gear housing assembly for inspection/disposal by a Mercury Marine International Technical Representative.