

SERVICE BULLETIN

MERCURY OUTBOARDS

Number: 76-7
Date : 2/10/76



CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins" Binder
---------------	--------------	------------	-----------	--

- A. New Reverse Gear - Merc 1500-1400-1150
- B. Bleed System Check Valve Failure
- C. Lift Ring (Heavy Duty) C-91-75132

A. NEW REVERSE GEAR - Merc 1500-1400-1150

(Attach Service Bulletin Sticker on Page 6C-7 of Your Service Manual.)

Reverse gear **A43-62044** has been superseded by reverse gear **A-43-68015** which, in turn, has been superseded by reverse gear **A-43-68347**. Reverse gear **A-43-68347** is larger in diameter than the two previous gears. This has caused some confusion in making service repairs in the field.

The following parts should be used when rebuilding units in the field:

Merc Model	Model Year	Reverse Gear	Thrust Washer	Shim A-15-29955A1
1500	1973 and Newer	A-43-68347	12-71143A1	None
1400	1972	A-43-68347	12-71143A1	.020 (.508mm)
1150	1973 and Newer	A-43-68347	12-71143A1	None

When using the shim (**A-15-29955A1**), it must be positioned on the thrust washer (**A-12-71143A1**) before pushing the ball bearing into place on the reverse gear hub. This shim can be kept in proper location on the thrust washer with a coating of grease (Multipurpose Lubricant, **C-92-63250**) while assembling it into the gear housing.

B. BLEED SYSTEM CHECK VALVE FAILURE

(Attach Service Bulletin Sticker on Table of Contents Section 5 Divider of Your Service Manual.)

Should a customer complain of an apparent lean-out or engine backfire on a current model Mercury Outboard, it may be caused by a failure of the bleed system check valve (**A-21-64871A1**, **A2** or **A3**).

In some check valves, the rubber check unit (duck bill) can swell up from fuel that makes the bleed system inoperative. Should this occur, it will be necessary to replace the bleed system check valve assembly.

A-21-64871A1, A-21-64871A2, A-21-64871A3

Bleed System Check Valves

C. LIFT RING - HEAVY-DUTY (C-91-75132)

(Attach Service Bulletin Sticker on Page 9-23 of Your Service Manual.)

A new heavy-duty lift ring is available for handling Mercury Outboards up to the Merc **1750** Model. Order from your Branch or Distributor.

C-91-75132

Lift Ring