

- A. New Gear Housing for MerCruiser 120-140-165
- B. Gear Housing Backlash - MerCruiser 120-140-165-888

A. NEW GEAR HOUSING for MERCUISER 120-140-165

(Attach Bulletin Reference Sticker to P. 6A-1 of Your Service Manual.)

MerCruiser 120-140-165 gear housing B-1623-4110A4 is superseded by the MCM 888 gear housing B-1623-4110A6. The A6 gear housing differs in the forward, pinion and reverse gears. To identify gears in a gear housing being repaired, count the number of pinion and gear teeth, then order accordingly. Use 20:33 ratio gears when all 19:32 ratio gears need replacement.

DO NOT INTERMIX gear ratio combinations.

The following chart indicates gear part numbers and number of teeth for each of the gear housings. Order accordingly.

B-1623-4110A6 GEAR HOUSING

Model	Serial No.	Part No.	Gear	Teeth
MCM 888	3106717 and Up	43-61027	Pinion	20
MCM 165	3470678 and Up	43-61025	Forward	33
MCM 120-140	3469428 and Up	43-61026	Reverse	33

B-1623-4110A4 GEAR HOUSING

MCM 165	2763442-3443920	43-55812	Pinion	19
MCM 120-140	2791957-3443920	43-35930	Forward	32
		43-37964	Reverse	32

The B-1623-4110A4 gear housing assembly **MUST NOT** be used on MCM 888's, but the B-1623-4110A6 gear housing assembly can be used for MCM 120-140 (Serial No. 2791957 and up) and on MCM 165 (Serial No. 2763442 and up).

B. GEAR HOUSING BACKLASH - MERCUISER 120-140-165-888

(Attach Bulletin Reference Sticker to P. 6A-17 of Your Service Manual.)

MerCruiser 120-140-165-888 gear housing B-1623-4110A6 with 20:33 ratio gears have a greater gear backlash than 19:32 ratio gears. FORWARD gear backlash is .010" to .012", and REVERSE gear backlash is .020" to .025". (In metric scale 1" = 25.4mm.)

IMPORTANT: Reverse gear backlash is affected by the torque applied to the threaded cover. Follow outline in MerCruiser Service Manual (Section 6A) to torque threaded cover.

This gear backlash specification only applies to 20:33 ratio gears.