

TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 89-17

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New Heavy Duty Gears in 1.50:1 Alpha One Upper Drive Shaft Housing Assembly

All 1.50:1 ratio Alpha One Stern Drive Units starting with serial number OC559690 and above are equipped with new heavy duty gears in the drive shaft housing. The replacement part number for the new gears is 43-18410A2. This number will include the drive gear and the driven gear plus bearing (part number 31-32573A1) for the driven gear. The gears can be identified by the numbers stamped on the gears. 43-18410 will be stamped on the driven gear face and 43-18411 will be stamped on the end of the hub of the drive gear. The new gears will be used as service replacement parts for all 1.50:1 ratio drive units which previously used the 43-59832A2 gear set, the repair and shimming procedure remains the same as listed in the repair manual for Alpha One Stern Drives.

Near Net Forged Forward and Pinion Gears in 350 Magnum Alpha One Lower Unit

The 350 Magnum Alpha One manufactured January 1989 and later will have near net forged forward and pinion gears. The manufacturing process called near net forging cuts down on gear manufacturing time plus gives gears increased strength and durability. The gear housing assembly will be identified with a letter "M" stamped on the end of the propeller shaft assembly. When disassembled, the new gears can be identified by the following numbers stamped on the gear surface. Forward gear 43-17064, pinion gear 43-19016. When ordered for a service replacement order part number 43-17064A3 gear set.

New Alpha One Shift Cable Assembly (19543A2)

All Alpha One Transom Assemblies manufactured January 1989 and later will have a new style shift cable assembly, part number 19543A2.

This cable will supersede the old 41951A1 and 73679A2 cable assemblies. The core wire and anchor assembly will no longer be offered for service replacement, the conduit and core wire should be replaced as a complete assembly. This cable will install the same way as the 41951A1 and the 73679A2 cables with the same measurements as listed in the repair manual for Alpha One Stern Drives and Transom Assemblies.