Heavy Duty Housing Ends

These ends accept a much larger, single, double row, or self aligning axle bearings that are capable of handling increased loads seen with these high horsepower cars.

The HD series and the spherical Evolution 4.1 bearings have a larger O.D. of 85mm (3.347”), which requires either modifying the existing, or purchasing new caliper mounting brackets that accept the larger diameter. The bearing used with these ends have a 45mm bore so they must be installed on axles to match. The sealing arrangement has been modified with a seal in either the caliper bracket, the housing end bore, or before the bearing in the housing end depending on the system. All ends are drilled for the 3” square symmetrical bolt pattern and require the 58572 3/8” diameter stud kit to retain the caliper brackets.

58577 Evolution 4.1 Housing Ends (pr)  ................320.00
Housing end for Evolution 4.1 system.
58595   Ends for 85mm wide bearings w/Seal (pr)....232.00
For 58508 wide bearing only. 2.25” long with provision for seal

Bolt Kits & Seals

MW stocks both 3/8” and 1/2” backing plate bolt kits as well as the stud kit required for the HD housing ends. 3/8” bolts feature quick start ends with serrations under the heads to hold them securely in the housing ends. 1/2” size are special modified fasteners. All kits also include self locking nuts. MW offers 3 different inner axle seals for all MW 2”long housing ends. These seals are designed to ride on the axle shaft just inboard of the axle bearing lock ring.

58514 Housing End Seal for 1.625 dia. Axle ........ 14.94
58515 Housing End Seal for 1.774 dia. Axle ........ 15.12
58516 Housing End Seal for 1.562 dia. Axle ........ 14.49
58570 Backing Plate Bolt Kit (set of 8) ............33.00
3/8” with nuts for MW housing ends (except large old style Ford)

Housing Narrowing Tools

The M/W housing alignment tools are the most accurate way to narrow a rear end housing. It is the tool of choice for all the prominent chassis builders. The alignment bar has a large 2” diameter that is heat treated, hard chromed, and precision ground for durability and precise fit to the mating components. By utilizing a hard-chromed surface we can have a close clearance to the rings without a problem of galling to the mating parts. Alignment sleeves and center rings are produced from thru hardening steel, heat treated, honed, then outside diameters are ground on precision arbors. The quality of this tool will allow many years of accurate performance.

As a added feature, one end of the housing end tool has a 2-1/2” diameter to align the end of a 3” x 1/4 wall housing tube, for tack welding. Kits are shipped in a wooden container that is ideal for storage.

300F Housing End Alignment Ford/Fordr Kit ...........606.00
300M Housing End Alignment Ford/Mopar Kit ........ 606.00
300S Housing Alignment 85mm 3.349 Bearing Kit 606.00

The basic kit contains an alignment bar 39-1/2” long (one), a pair of differential centering rings and one housing end aligning sleeve. The kits are supplied with a choice of different bar centering rings (one pair) and housing end adapters (one). Extra rings and sleeves can be purchased to allow narrowing and truing all popular differentials.

Housing End adapters
302 3.150” and 2.875” Diameters ...............230.00
Large Ford Olds-Pontiac (80mm) and Mopar (73mm)
303 3.150” and 2.834” Diameters ...............230.00
Large Ford Olds-Pontiac (80mm) and Mustang (72mm)
310 3.349” and 3.150” Diameters ...............230.00
Symmetrical ends (85 mm) & Large Ford Olds-Pontiac (80mm)

Bar Centering Rings
305 Center Section Alignment Rings ........... 144.00
Dana 60, 3.812” O.D.
306 Center Section Alignment Rings ........... 144.00
Ford 9”, 3.250” O.D.
307 Center Section Alignment Rings ........... 144.00
12-bolt, 8.8” Ford and Ford 9”, 3.062” O.D.
308 Center Section Alignment Rings ........... 144.00
Mopar 8-3/4”, 3.265” O.D.