DANA 60 ASSEMBLIES



The Dana 60 series rear end has, for many years, been one of drag racing's most popular differentials, mainly due to the heavy-duty nature of the unit itself. The Dana features a large 9-3/4" diameter ring gear and the availability of aftermarket 8620 or 9310 alloy gears with ratios of 3.54 to 7.17! The Dana is the only passenger O.E.M. rear that was available with 35 spline axles in the original factory configuration. The main drawback to the Dana is the weight. By comparison, a complete Dana 60 is approximately

35# heavier than a 9" with a braced steel housing. A newly designed center casting has threaded adjusters for the carrier/spool bearing and pad for the Mopar type pinion snubber. The one piece center casting creates stiffness not found in thirdmember type rears. The Dana 60 offers excellent strength and reliability for the dollar. MW has a complete array of specialized components to further improve a Dana 60.

Complete with Standard axles, bearings, lightweight spool (35 or 40 spline), choice of Pro-Gears, Center housing with threaded adjusters, MW pinion yoke, with 4130 steel tubes, MW housing ends, wheel bearings and 5/8" thread drive stud kit. (less brakes)

Complete with axles, bearings, standard spool (35 or 40 spline), choice of 8620 gears, MW 1350 series pinion yoke, Center housing with threaded adjusters 4130 tubes with any MW housing end and 1/2" screw in wheel studs. (less brakes)

56060 Dana 60 Rear with Detroit Locker4508.00 Complete with axles, bearings, Detroit Locker, 35 or 40 spline, choice of 8620 gears, stock pinion yoke, Center housing with threaded adjusters. 4130 tubes with any MW housing end and 1/2" screw in wheel studs. (less brakes)

Dana 60 Housing with 3" x .25" 4130 steel tubes. Includes housing ends. New center casting width is built to customer specs. Includes a new Strange center housing with threaded adjusters

DANA 60 Spools

MW offers three different spools for the Dana 60 rear axle. Steel spools are produced in the 35-tooth MW version that has the 45° pressure angle spline, and the current 40- tooth 45° pressure angle spline. The aluminum spool features a 40 tooth spline and hardened washers for the bolt seat. The washers prevent deformation of the aluminum from torquing the ring gear bolts. Another feature of the aluminum spool is a steel seat-shim retainer. This innovation keeps the preload shims centered and allows an increased radius for the bearing seat. It also allows the bearing remover to pull against the shimretainer, preventing the destruction of the shims during setup.

MW 40-spline, aluminum, must have 45mm bore axle bearings weight 8

controls axle movement is required) weight 17 lbs.

MW 40 Spline, L/W profile milled steel 15 lbs.

Shim centering and retaining feature 53174 53175/53177 Profile

Dana 60 Locker

The Dana 60 Locker features both 35 and 40 spline axle gears and will accept 4.10 to 7.17 ratio, (4 series) gears. The 40 spline locker is a new item and is available for 3.73-4.30 ratios and 4.56-7.17 ratio. MW 40 spline axles for our spool will also fit the new Locker

225S-23A Detroit Locker
225S-40A Detroit Locker .699.00 40 Spline for 3.73-4.10 ratio gears
225S-40B Detroit Locker .699.00 40 Spline for 4.88-7.17 ratio gears
TA1812 TA Dana 60 rear cover

The TA rear cover strengthens the housing and provides support to the main caps. Steel replacement caps are recommended as the first upgrade on O.E.M. Dana type



oll free 800-525-1963