

# INSTALLATION - SERVICE INSTRUCTIONS

765 South Pierce Avenue Louisville, Colorado 80127

303-665-6901 303-665-7021 fax www.markwilliams.com



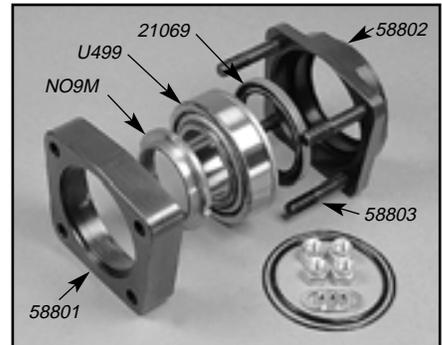
Bulletin #13 page 1 of 1

G.M. Bearing Adapter Kit

August '99

PART NUMBERS:	DESCRIPTION
58800.....	Bolt-on GM 10/12 Bolt Oval Track housing end adapter kit

PARTS INCLUDED:	
2 - 58801.....	Bearing housing.
2 - 58802.....	Bearing retainer cup.
2 - 21069.....	Outer seal (installed in 58802 retainers).
2 - U499.....	Timken unit bearing.
2 - -041.....	Bearing housing to retainer "O" ring.
2 - -230.....	Bearing housing to backing plate "O" ring.
2 - N09M.....	Threaded bearing lock ring.
8 - 58803.....	3/8 bearing retainer stud.
8 - 21FC-624.....	3/8 self locking nuts.
8 - AN960-616.....	3/8 AN washers.



PRIMARY APPLICATIONS:  
Oval track use with MW Oval Track axles in GM 10/12 Bolt rear.

INSTALLATION OVERVIEW:

- 1) Remove stock axles, bearings and seals from housing. Using a hack saw or abrasive cut-off wheel trim housing outboard of the backing plate flange to 5/16" to 3/8" (see Diagram A).
- 2) Place retainer cup (58802) with seal installed on the axle then install axle bearing, screw on bearing lock rings with Loctite and tighten (as tight as possible), make sure large radius on bearing faces the flange.
- 3) Install 3/8" studs (58803) in retainers with Loctite.
- 4) Before installing axles, backing plate must be in place and the -230 "O" place up against backing plate. Install 58801 bearing housing on the portion of the housing left after trimming (see Diagram A). It may be necessary to clean rust and dirt from the part of the stub that will locate the bearing housing. It may also be necessary to tap the bearing housing on with plastic mallet. Make sure the holes in the bearing housing, the backing plate and the housing flange are all lined up.
- 5) Slide axles into housing, engage splines and line up studs in retainer with holes in bearing housing and push into position. Install 3/8 nuts and washers and torque to 30-35 ft/lbs. Bearing housing and retainer should fit together completely with no gap and should capture the -041 "O" ring around the bearing in the relief in the retainer without pinching it.

TORQUE SPECS:

- Retaining stud nuts (3/8-24) 30-35 ft/lbs.
- Bearing lock rings (tight as possible).

MAINTENANCE REQUIREMENTS:

Periodic inspection of bearings and races. Check torque on retainer nuts. Check bearing lock rings (lock ring wrench shown below).

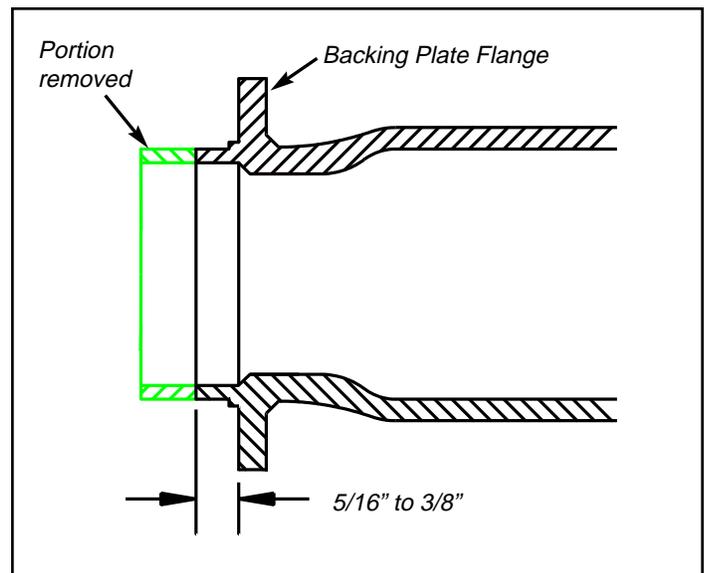


Diagram A