

# INSTALLATION - SERVICE INSTRUCTIONS



Bulletin NO. 0083

PAGE 1 OF 2

November  
2002

765 South Pierce Avenue, Louisville, CO 80027 (303) 665-6901 / 800-525-1963

*To all professional car builders:*

## **NEW HOUSING ENDS AND WHEEL BEARING AVAILABILITY INFORMATION**

There are now three options to improve the life of the 45mm wheel bearings being used with flange type axles in hi-powered Pro-Stock and Pro-Modified cars.

The 58595 housing end uses a double row ball bearing P/N 58508 has an 8580# static load rating and is recommended for Pro-Mod and similar applications. The main usage is for racers not wanting to convert their cars to the full floater systems. This housing end has an internal o-ring that seals the bearing outside diameter to the housing end and can be used without an inboard seal. The 58595 ends are 2" long and have provisions for an inboard seal.

We also produce a 58596 housing end that is 1-1/2" long but loses the provision for an inboard seal. This end seals the lube with bearing seals and the outside diameter o-ring in the housing end. There is also a single row ball bearing P/N 58519 that will fit the same two ends (same width) with a static load capacity of 4590#. Both bearings come with MW manufactured heat-treated retaining rings that have 6 times the holding power of the 58505R rings that were previously used.

The end bell for the MW modular housing is P/N 90141 that will accept the P/N 58509 double roller bearing and 58519 wide, single row bearing. This end bell requires the P/N 58515 inboard seal.

The new 58599 housing end-uses a single row bearing P/N 58509 but is narrower (.748") than the double row bearing. The load rating is 4580#, similar to the wide single row bearing. This end is 2" long and requires an inboard seal. It uses the conventional 58570 end stud kit. We feel this end and bearing combination will become the standard (replacing the current 58505 bearing and 58580 end) for the professional cars using flanged axles, but not requiring the double row bearing. Note that parts stamped with 58599-A are produced from a 4130 steel forging, and heat treated to 28-32 RC (150 PSI). 58599 stamped parts are made from mild steel.

*(UNDERLINED PART NUMBERS ARE PART NUMBERS CORRECTED 8-15-02)*

## **New Housing Ends and Bearing Combinations:**

### **Double Roller Bearings and Housing Ends:**

58595 Housing Ends 2" long (pr) or 58598 Housing ends 1-1/2" long (pr)

58508 Double Roller Bearings (2) w/ inboard spacer 58508R Lock Rings (2)

58272 Stud Kit with nuts and washers

58515 Seal (works with 58595 only)

# INSTALLATION - SERVICE INSTRUCTIONS

## Mark Williams Enterprises

Bulletin NO. 0083

PAGE 1 OF 2

### **Wide Single Roller Bearings and Housing Ends:**

58595 Housing Ends 2" long (pr) or 58598 Housing Ends 1-1/2" long (pr)  
58519 Single Roller Bearings (2) w/ inboard spacer 58508R lock rings (2)  
58272 Stud Kit with nuts and washers  
58515 Seal (works with 58595 only) (2 required)

### **Narrow Single Roller Bearings and Housing Ends:** **(Preferred Bearing Configuration for Pro Stock Type Cars!!!)**

58599 Housing ends 2" long (pr)  
58509 Narrow single bearings (2) w/ Inside Spacer and 58505RH Lock Rings (2)  
58570 Backing Plate Bolt Kit  
58515 Seal (required for 58599 ends) (2 required)

### **MW Brake kits with 71281 brackets to fit the new ends are as follows:**

71280 Drilled Steel Rotor Brake Kit  
71230 Solid Steel Rotor Brake Kit  
81280 Carbon Brake Kit

The 71281 brackets can be purchased separately to make any MW brake kit fit the new style ends.

Pricing is the same as other kits.

Axles seats and bearing diameters are the same as 58580 or Oldsmobile ends.

If you have any questions please do not hesitate to call 303-665-6901 or 1-800-525-1963.