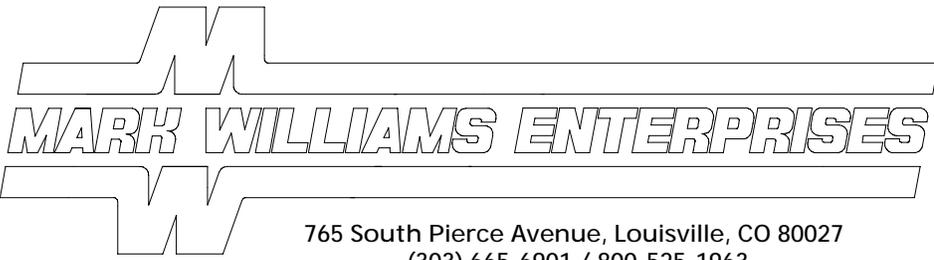


INSTALLATION - SERVICE INSTRUCTIONS



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

SERVICE BULLETIN

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LARGE PILOT BEARING

JUNE 1, 1994

PART NUMBER : 57915
DESCRIPTION : PILOT BEARING FOR TOP FUEL CASE

PART INCLUDED :
1-PILOT BEARING AND 2EA-1/4"-20 X 3/8" FLANGE HEAD SCREW

PRIMARY APPLICATION :
DRAG RACING, ALCOHOL AND NITRO APPLICATIONS.

OVERVIEW :

- 1) THE MODIFICATION OF THE PILOT BEARING AREA ALLOWS THE USAGE OF A MUCH LARGER ROLLER BEARING FOR APPLICATIONS EXPERIENCING FAILURE OF A STANDARD 9" FORD PILOT BEARING.
- 2) THE MODIFICATION ALSO REQUIRES THE GRINDING OF THE STANDARD 9" FORD PINION PILOT SHAFT TO A SMALLER DIAMETER (APPROXIMATELY .008").
CARE MUST BE EXERCISED TO KEEP THE NEW BEARING BORE CONCENTRIC AND SQUARE WITH THE ORIGINAL MACHINING. THE NEW BORE IS SLIGHTLY DEEPER THAN THE ORIGINAL BORE AND REQUIRES DRILLING AND TAPPING OF TWO 1/4"-20 THREADS TO RETAIN THE LARGER PILOT BEARING.
- 4) THE BEARING CAN BE INSTALLED BY HEATING THE BORE TO 350-400 DEGREES FAHRENHEIT TO EXPAND THE BORE SO THAT THE BEARING WILL DROP IN. USE LOCTITE® STUD LOCK WITH THE 1/4"-20 FLANGE HEAD SCREWS.

