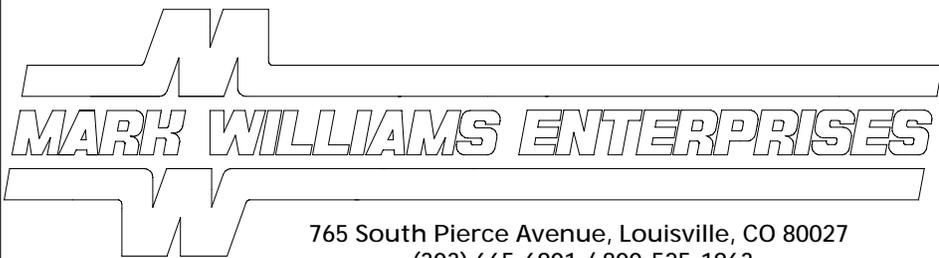


INSTALLATION - SERVICE INSTRUCTIONS



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

SERVICE BULLETIN

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MW PRESSURE
LUBRICATION PUMP

AUGUST 6, 1997

PART NUMBERS :

91100

DESCRIPTIONS :

PRESSURE LUBRICATION ASSEMBLY FOR MW MODULAR 9" FORD REAR

PARTS INCLUDED :

1-PUMP BODY ASSEMBLY, 1-PUMP COVER, 1-DRIVESHAFT, 1-BUSHING, 1EA-1/8" ROLL PIN, 2-GEARS, 2-O-RING, 2EA- -4 90 DEGREE ELBOW AQP HOSE END, 2EA- -4 TEE TO 1/8" PIPE SIDE, 2EA- -4 TO 1/8" PIPE STRAIGHT , 2EA- -4 STRAIGHT AQP HOSE END, 4EA-1/4"-20 SOCKET HEAD CAP SCREWS, 1EA-ROUND SCREEN AND 17" OF -4 BRAIDED HOSE

PRIMARY APPLICATION :

DRAG RACING. RECOMMENDED FOR USE ON VEHICLES THAT EXPERIENCE G-FORCES HIGH ENOUGH TO CAUSE THE FRONT PINION BEARING TO RUN WITHOUT ADEQUATE LUBRICATION. ALCOHOL DRAGSTER AND HIGHER.

MODIFYING EXISTING PARTS :

574XX MW THIRDMEMBER CASE

1. A SPRAY HOLE IS REQUIRED (1/8"-27 PIPE THREAD) THIRDMEMBER CASE TO SPRAY OIL ONTO RING AND PINION GEAR. (SEE DRAWING 1)

90100 MW MODULAR 9" FORD REAR HOUSING

1. A OIL PICKUP HOLE WITH .07" DEEP COUNTERBORE IS REQUIRED (SEE DRAWING 2)

576XX MW PINION SUPPORT HOUSING

1. OIL FEED HOLE IS REQUIRED (1/8"-27 PIPE THREAD) IN PINION SUPPORT HOUSING TO GET OIL TO SUPPORT BEARINGS. (SEE DRAWING 3)

729-XXXX 9 OR 9-1/2" RING AND PINION GEAR

1. A SLOT MUST BE MACHINED IN PINION GEAR TO DRIVE PRESSURE LUBE PUMP. (SEE DRAWING 4)

INSTALLATION OVERVIEW :

1. MODIFY ALL EXISTING PARTS TO SPECS SHOWN ON FOLLOWING PAGES.

2. PLACE DRIVESHAFT (#91103) WITH BUSHING (#91104) INTO HOLE ON HOUSING, BE SURE DRIVESHAFT SLOT IS IN THE SLOT OF THE MODIFIED PINION GEAR. PLACE SCREEN INTO COUNTERBORED HOLE.

3. MOUNT PUMP BODY (#91101) WITH O-RINGS INSTALLED, SURE THAT DRIVESHAFT SLOT IS IN LINE WITH DRIVE GEAR AND SCREEN IS IN PLACE.

4. INSTALL PUMP COVER WITH 4EA-1-1/4"-20 SOCKET HEAD CAP SCREWS.

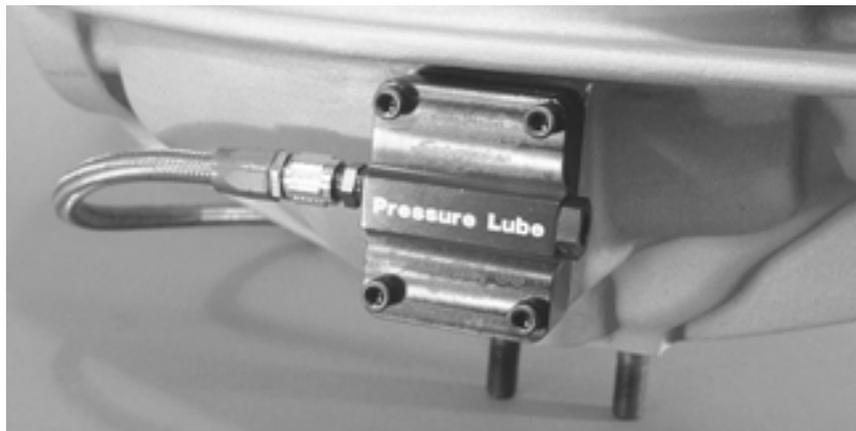
5. INSTALL -4 STRAIGHT AQP HOSE END (#1011) INTO PUMP BODY (#91101) AND MODIFIED MW THIRDMEMBER CASE (#574XX).

6. INSTALL -4 TEE TO 1/8" PIPE SIDE (#2121) INTO SIDE OF MODIFIED MW PINION SUPPORT (#576XX)

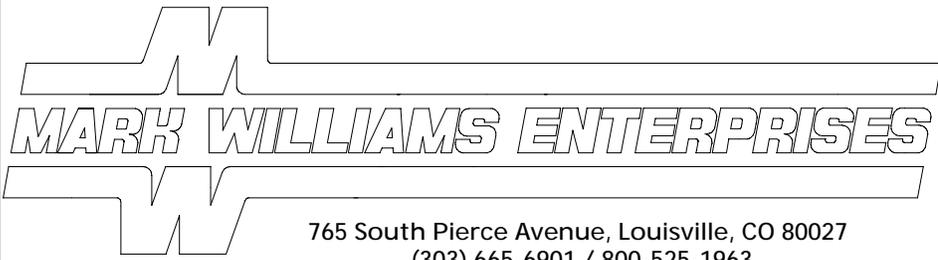
7. CONNECT HOSES BETWEEN PUMP BODY (#91101) AND PINION SUPPORT (#576XX) AND PINION SUPPORT(#576XX) TO THIRDMEMBER (#574XX)

MAINTENANCE REQUIREMENTS :

INSPECT GEARS AND CLEAN OUT PICKUP SCREEN ANNUALLY.



INSTALLATION - SERVICE INSTRUCTIONS



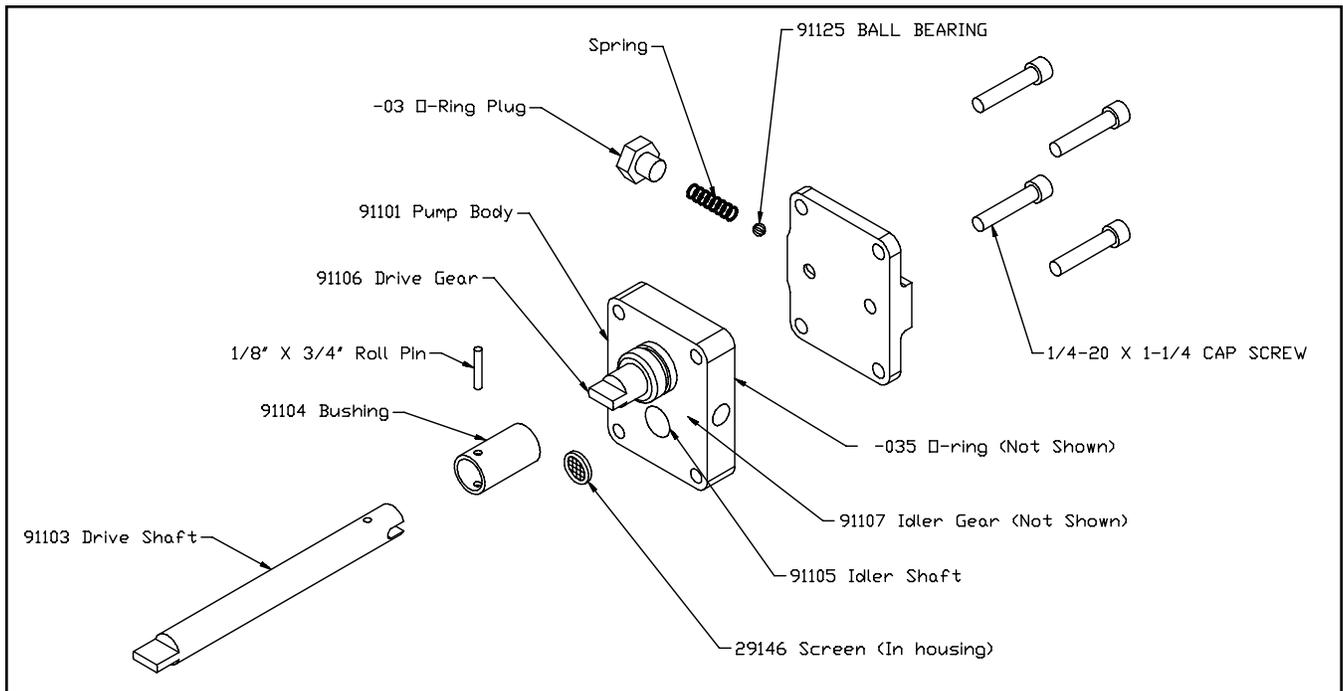
SERVICE BULLETIN

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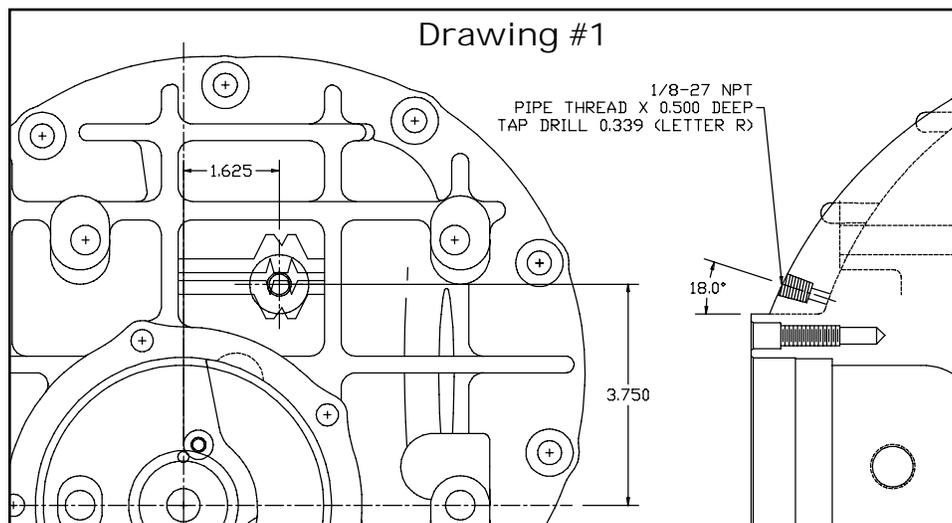
MW PRESSURE
LUBRICATION PUMP

AUGUST 6, 1997

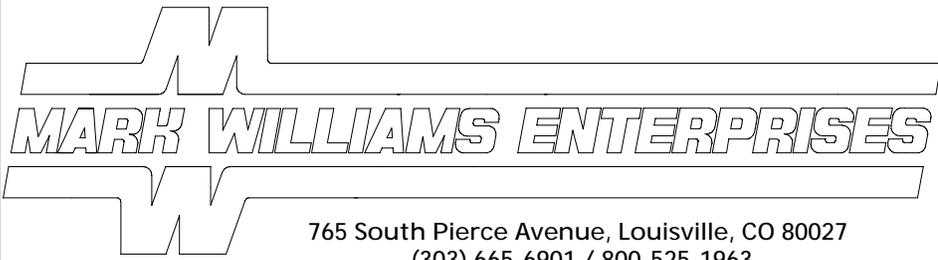
MW Pressure Lube Assembly



Modifying #574XX MW aluminum 9" Ford thirdmember case



INSTALLATION - SERVICE INSTRUCTIONS



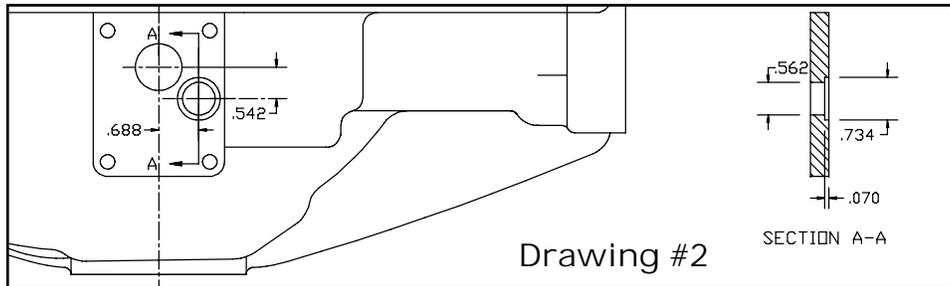
SERVICE BULLETIN

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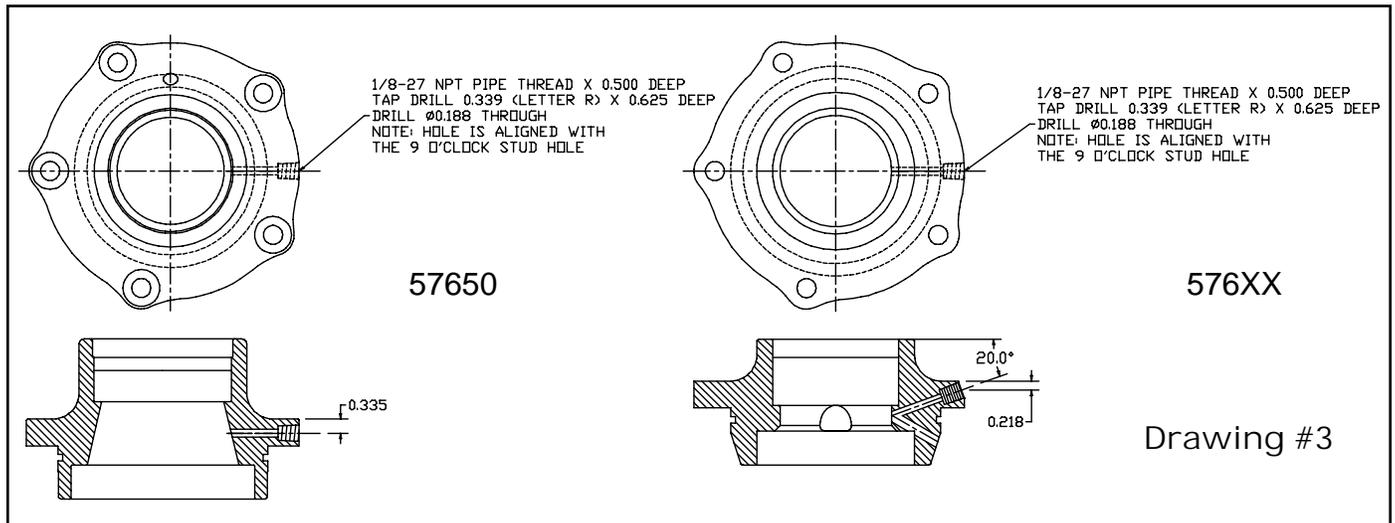
MW PRESSURE
LUBRICATION PUMP

AUGUST 6, 1997

Modifying 90100 MW modular aluminum 9" Ford rear housing



Modifying #576XX MW aluminum 9" Ford pinion support



Modifying 729-XXXX 9" Ford ring and pinion gear

