

# INSTALLATION - SERVICE INSTRUCTIONS

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**8" & 9" Ford Mini Spools**

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## PART NUMBERS:

57928.....8" and 9" Ford mini spool, 28 spline.  
57931.....9" Ford mini spool, 31 spline.

## DESCRIPTION

## PRIMARY APPLICATIONS:

Oval track racing only. Not recommended for street or drag racing applications.  
For non-posi (open) carriers only.

## INSTALLATION OVERVIEW:

- 1) Remove axles.
- 2) Remove thirdmember.
- 3) Remove main caps and carrier. (Note backlash before removing carrier. If the tooth count on the pinion divides evenly into the the tooth count on the ring gear it is recommended that timing marks be made on the gears so they can be re-installed in the same position as they were removed)
- 4) Remove ring gear from carrier.
- 5) Remove flat head screws that hold carrier halves together and open up the carrier.
- 6) Remove cross pin retainer then remove cross pin.
- 7) Remove all internal components (spider gears, side gears, shims etc.). These parts will not be used with mini spool.
- 8) Install mini spool in carrier half, lining up the cross pin hole in the mini spool with the cross pin holes in the carrier.
- 9) Install cross pin and roll pin retainer.
- 10) Bolt carrier halves back together and install ring gear and torque ring gear bolts.
- 11) Install assembled carrier in thirdmember. Align timing marks if required. Set backlash as noted in step #3.
- 12) Torque main cap bolts and install adjuster locking tabs.
- 13) Install thirdmember in housing, install axles and add new gear lube.

## MAINTENANCE REQUIREMENTS:

Periodic visual inspection of all components (mini spool, carrier and cross pin).

