

Installation Guide

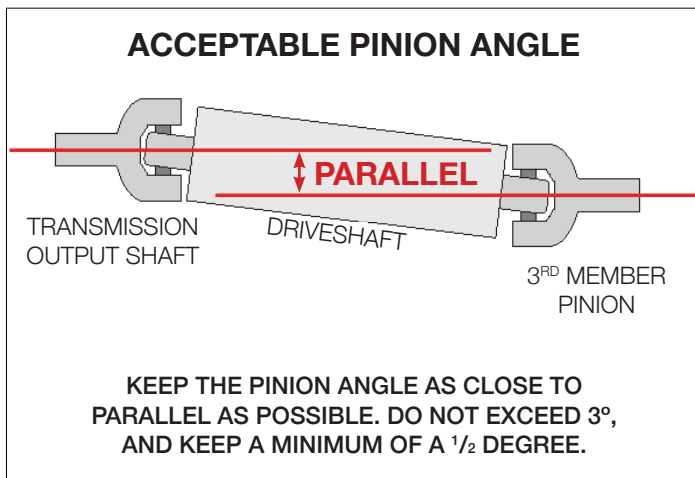
Ford 9-Inch Posi Traction Third Member Assembly

555-60680, 555-60682, 555-60684, 555-60686, 555-60688,
555-60690, 555-60692, 555-60694, 555-60696



3rd Member Install

- 3rd Member to Housing Seal use oil-resistant silicone sealant with gasket
- 3rd Member to Housing Nuts torque to 35 ft. lbs.
- U-Joint straps torque to 14-17 ft. lbs.
- Now is a good time to check that pinion angle:
 - An acceptable pinion angle is one that is close to parallel with the transmission output shaft, keeping the difference between the two angles under 3 degrees, with a minimum of about ½ degree.



- Fill the gear case with 3 quarts of premium GL-5 75W-140 non-synthetic gear oil.
- Add 4oz. of limited slip friction modifier additive
- With the rear end setting level, the oil level should be at the bottom of the fill plug.
- Inspect vent plug for cleanliness and function.

3rd Member Break-In

- During break-in slight “grinding” and chattering is normal.
- Operate the car at normal street driving speed, avoiding hard acceleration for around 20 miles (25-45 mph).
- Let the ring and pinion cool for 30 minutes.
- Check for any leaks.
- Repeat this cycle for the first 100 miles.
- Drive the vehicle at least 500 miles before towing.
- Change the oil after the first 500 miles. If you want to use synthetic gear oil change to 75W-140 at this time