



## Texas T Parts

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Note our  
**New Address**  
Everything else  
remains the same.



### T2587-M Pinion Bearing Cartridge Instructions



1. Try your drive shaft through the bearing cartridge. You may need to dress the shaft with a file particularly the area just in front of the pinion gear to relieve any swelling of the shaft. You may also need to dress the driveshaft with fine emery paper to get the bearing cartridge to fit properly. The hardened inner race of the bearing will not tolerate irregularities in the surface of the drive shaft..
2. Check to make sure you have no wear and/or cracks in your drive shaft key and key slot. Grind your half moon key so that it does not protrude past the end of the gear with the gear fully installed.

3. Thoroughly clean inside of the pinion spool and the outside of bearing cartridge with solvent.

Lightly coat the outside of the bearing cartridge and inside of the inside of the pinion spool with the Press-fit supplied.

Install bearing cartridge with the open bearing towards the differential and the closed bearing towards the drive shaft housing end flush with the front of the spool (toward drive shaft housing). It may require some force, particularly on the enclosed type spools. Wipe off any excess Press-fit with a paper towel. Place the pinion sleeve front side (drive shaft housing side) down on a piece of plastic or wax paper. Press down firmly on bearing cartridge to insure cartridge and front end of the spool are flush together. Let the spool set in this position for 24 hours.

4. Slide the shaft collar on the drive shaft first. Install the pinion spool and cartridge with the closed bearing to the front (drive shaft housing side). The supplied shim may or may not be needed. Install pinion gear and tighten.
5. Slide collar on drive shaft to the rear removing any clearance. While holding it firmly, tighten set screw.
6. If shim is needed to achieve good gear mesh, loosen collar. Install the shim behind the pinion gear. Tighten pinion gear and collar as above. Don't forget to put a cotter pin on the pinion gear nut. And remember!-- Never back up a nut to install a cotter pin.
7. If you ever need to remove the cartridge from pinion spool, clean the pinion spool thoroughly inside and out. Heat pinion spool assembly in an oven at 370°- 380° for about 15 minutes. The cartridge can then be removed from the spool.

If you like our product, tell your friends. If you have a question or a problem, let us know.  
For technical assistance call: (979) 260-5433

Thanks, and Smooth Running,

TEXAS 'A&T' PARTS

