

4X4 FRONT AXLE BEARING REPLACEMENT

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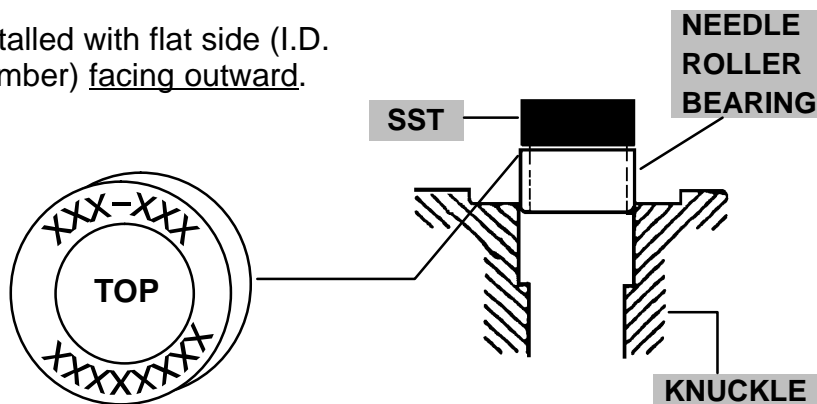
To reduce front spindle bushing noise which may be experienced during severe cold ambient temperatures, a new needle roller bearing and thrust bushing have been made available for use in place of the original bushing.

Note: This repair is applicable only to 4X4 vehicles produced after 8/89.

INSTALLATION PROCEDURE:

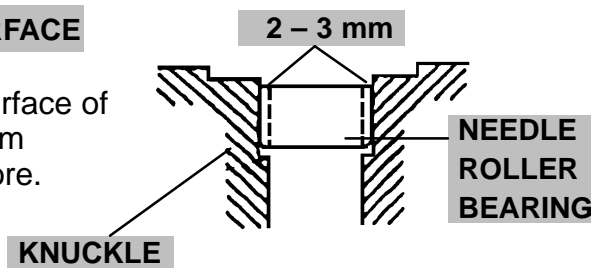
1. Remove front axle bushings (refer to applicable service manual section).
2. Install needle roller bearing using **SST #09620-30010, tool #5** or equivalent bearing driver.

Reference: Bearing must be installed with flat side (I.D. number and part number) facing outward. Refer to illustration.

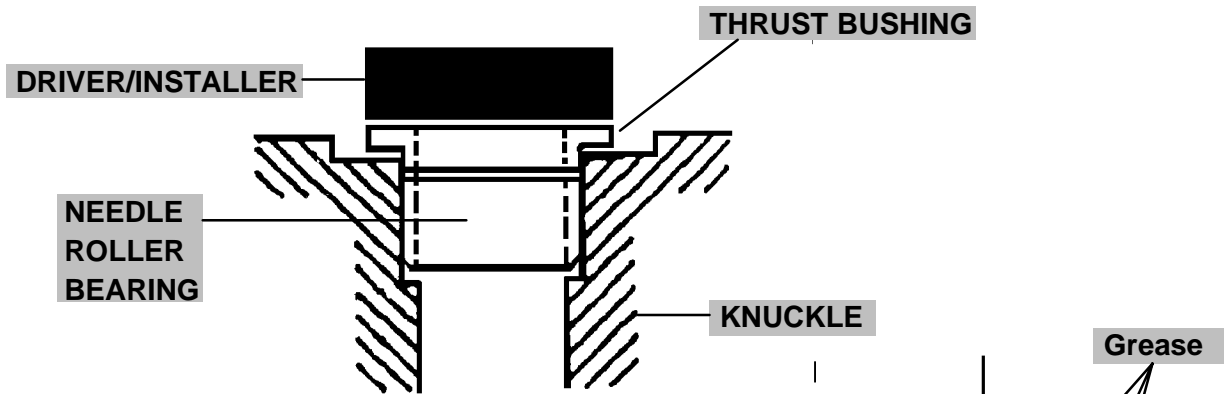


FLAT BEARING SURFACE

Reference: Tap bearing into position until top surface of the bearing is approximately 2-3 mm inside/below the steering knuckle bore.

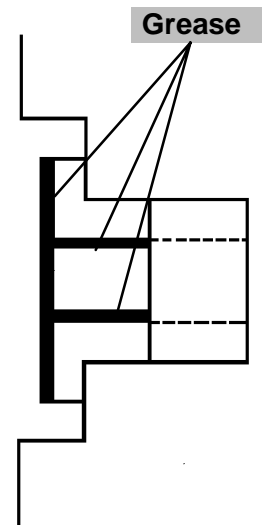


- Install thrust bushing using appropriate bushing driver/installer.



- Apply grease **P/N 08887-80219** in the following locations:

- Thrust bushing inner bore and frontal surface.
- Oil seal.
- Drive shaft where contact will be made.



Note: One tube of grease is sufficient for both left and right side axles.

- Reassemble the knuckle and driveshaft assembly. Use care when installing shaft to prevent damage to needle roller bearing.

PART NUMBER INFORMATION:

Previous Part No.	New Part No.	Part Name	Qty Per Vehicle
N/A	90364-30011	Bearing, Needle Roller	2
90999-70069	90381-32001	Bushing, thrust Inner	2
N/A	08887-80219	Toyota Chassis Grease	1

