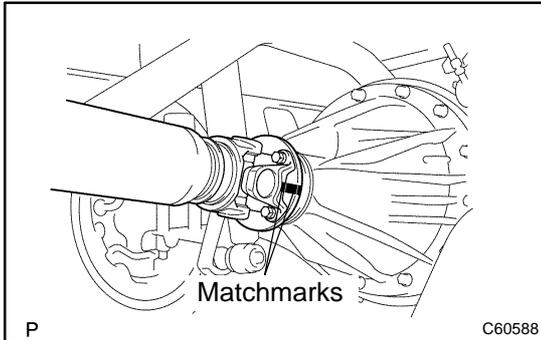


REAR DIFFERENTIAL CARRIER OIL SEAL REPLACEMENT

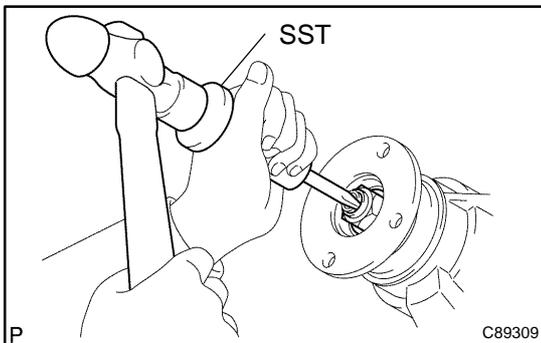
29064-01

1. DRAIN DIFFERENTIAL OIL (See page 29-3)



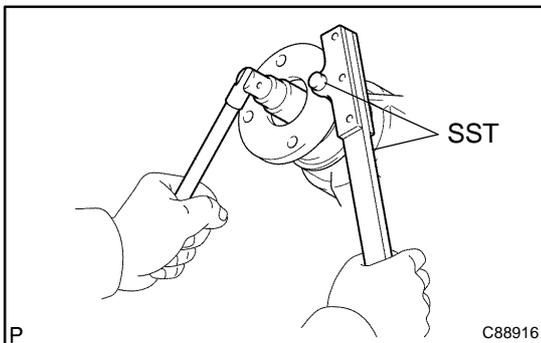
2. SEPARATE PROPELLER SHAFT ASSY

- (a) Place matchmarks on the propeller shaft flange and differential flange.
- (b) 2WD Drive Type:
Remove the 4 nuts and 4 washers.
- (c) 4WD Drive Type:
Remove the 4 nuts, 4 bolts and 4 washers.
- (d) Suspend the propeller shaft assy with wire or similar.

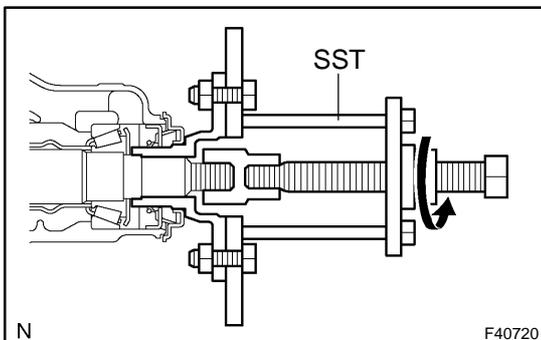


3. REMOVE REAR DRIVE PINION NUT

- (a) Using SST and a hammer, unstake the nut.
SST 09930-00010

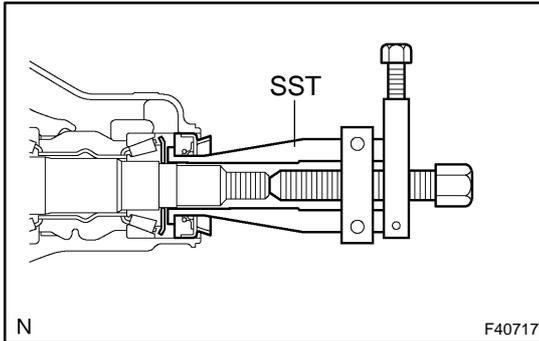


- (b) Using SST to hold the companion flange, remove the nut.
SST 09330-00021 (09330-00030)

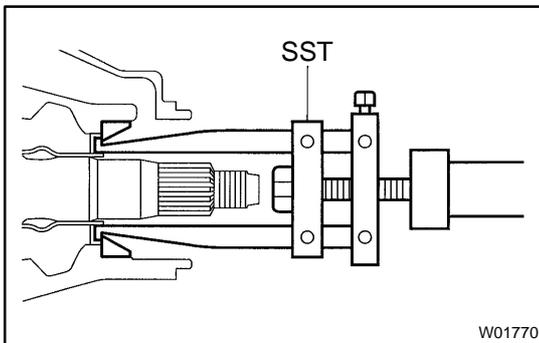


4. REMOVE REAR DRIVE PINION COMPANION FLANGE SUB-ASSY REAR

- (a) Using SST, remove the companion flange.
SST 09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03030)

**5. REMOVE REAR DIFFERENTIAL CARRIER OIL SEAL**

- (a) Using SST, remove the oil seal.
SST 09308-10010

6. REMOVE REAR DIFFERENTIAL DRIVE PINION OIL SLINGER**7. REMOVE REAR DRIVE PINION FRONT TAPERED ROLLER BEARING**

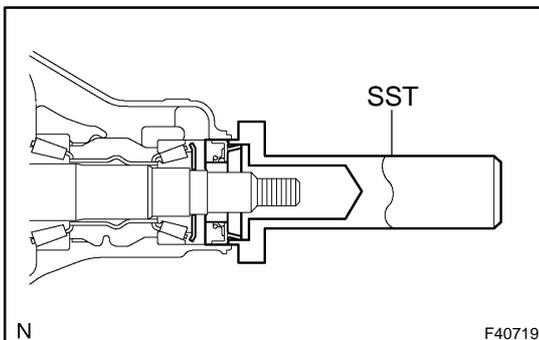
- (a) Using SST, remove the front bearing.
SST 09556-22010
(b) Using SST, remove the front bearing outer race.
SST 09308-00010
(c) Using a screwdriver, bend the oil strage ring and remove it.

8. REMOVE REAR DIFFERENTIAL DRIVE PINION BEARING SPACER**9. INSTALL REAR DIFFERENTIAL DRIVE PINION BEARING SPACER**

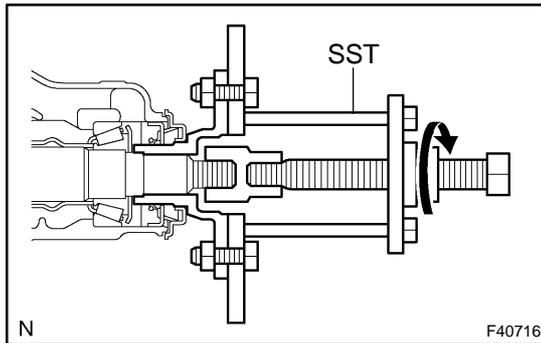
- (a) Install a new rear differential drive pinion bearing spacer.

10. INSTALL REAR DRIVE PINION FRONT TAPERED ROLLER BEARING

- (a) Using a brass bar and a hammer, install a new oil strage ring.
(b) Using SST and a hammer, install the front bearing outer race.
SST 09316-6001 1 (09316-00011, 09316-00021)
(c) Install the front bearing.

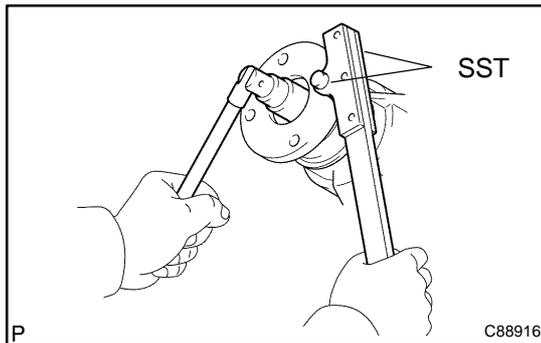
11. INSTALL REAR DIFFERENTIAL DRIVE PINION OIL SLINGER**12. INSTALL REAR DIFFERENTIAL CARRIER OIL SEAL**

- (a) Using SST and a hammer, install a new oil seal.
SST 09554-3001 1
Oil seal drive in depth:
0.7 - 1.3 mm (0.0276 - 0.0512 in.)
(b) Coat with oil seal lip with MP grease.



13. INSTALL REAR DRIVE PINION COMPANION FLANGE SUB-ASSY REAR

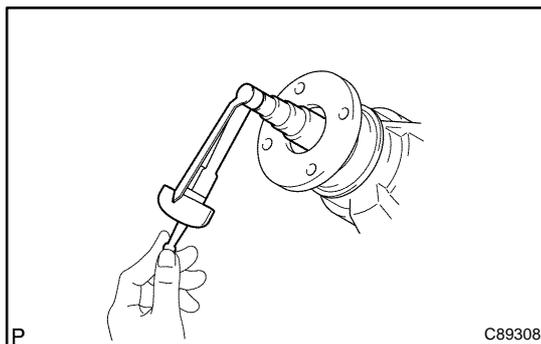
- (a) Using SST, install the companion flange.
SST 09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03030)
- (b) Coat the threads of a new nut with hypoid gear oil LSD.



- (c) Using SST, to hold the companion flange, torque the nut.
SST 09330-00021 (09330-00030)

Torque:

215 N·m (2,190 kgf·cm, 159 ft·lbf)



14. INSPECT DIFFERENTIAL DRIVE PINION PRELOAD

- (a) Using a torque wrench, measure the preload of backlash between the drive pinion and ring rear.

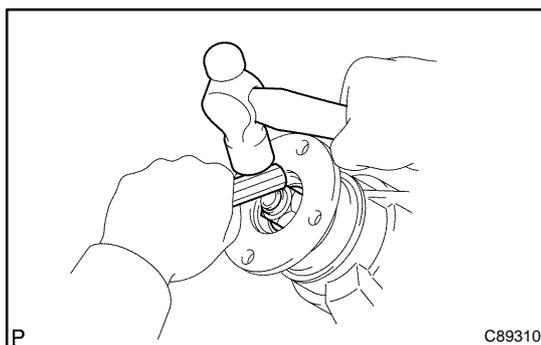
New bearing:

1.05 - 1.64 N·m (10.7 - 16.7 kgf·cm, 9.3 - 14.5 in·lbf)

Reused bearing:

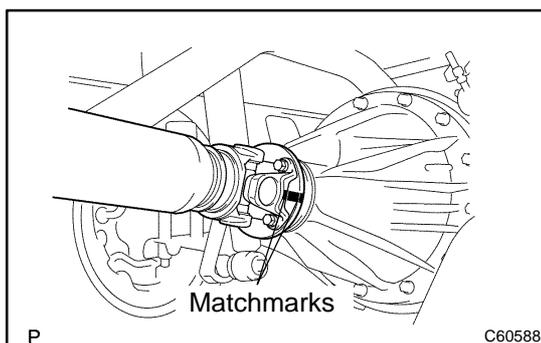
0.56 - 0.85 N·m (5.7 - 8.7 kgf·cm, 5.0 - 7.5 in·lbf)

If necessary, disassemble and inspect the differential assy.



15. INSTALL REAR DRIVE PINION NUT

- (a) Using a chisel and a hammer, stake the nut.



16. INSTALL PROPELLER SHAFT ASSY

- (a) Align the matchmarks on the propeller shaft differential flange.
- (b) 2WD Drive Type:
Install the propeller shaft with the 4 washers and 4 nuts.
Torque: 88 N·m (887 kgf·cm, 64 ft·lbf)
- (c) 4WD Drive Type:
Install the propeller shaft with the 4 bolts, 4 washers and 4 nuts.
Torque: 88 N·m (887 kgf·cm, 64 ft·lbf)

17. FILL UP DIFFERENTIAL OIL (See page 29-3)
18. INSPECT DIFFERENTIAL OIL (See page 29-3)