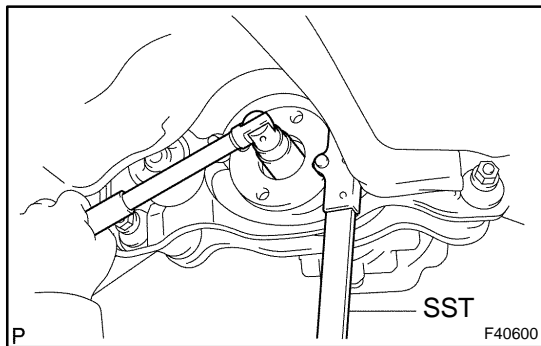


REAR DIFFERENTIAL CARRIER OIL SEAL (4WD)

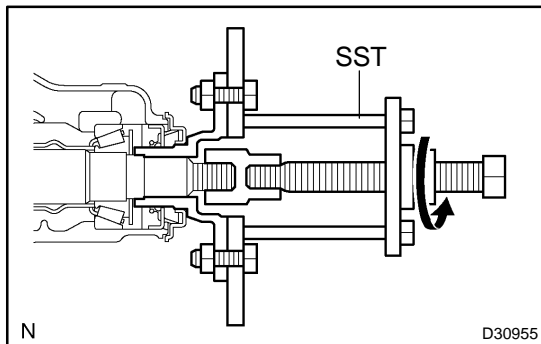
REPLACEMENT

1. REMOVE EXHAUST PIPE ASSY (2AZ-FE ENGINE TYPE) (SEE PAGE 15-2)
2. REMOVE EXHAUST PIPE ASSY (3MZ-FE ENGINE TYPE) (SEE PAGE 15-5)
3. REMOVE PROPELLER W/CENTER BEARING SHAFT ASSY (SEE PAGE 30-12)
4. REMOVE REAR DIFFERENTIAL FILLER PLUG
 - (a) Using a hexagon wrench (10 mm), remove the filler plug and gasket.
5. REMOVE REAR DIFFERENTIAL DRAIN PLUG
 - (a) Using a hexagon wrench (10 mm), remove the drain plug and gasket, drain the oil.



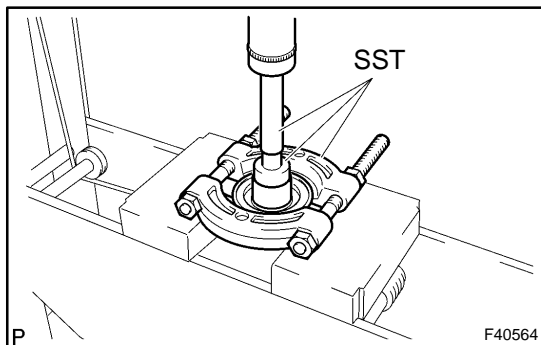
6. REMOVE REAR DRIVE PINION NUT

- (a) Using a chisel and a hammer, unstake the staked part of the nut.
- (b) Using SST to hold the flange, remove the nut.
SST 09330-00021



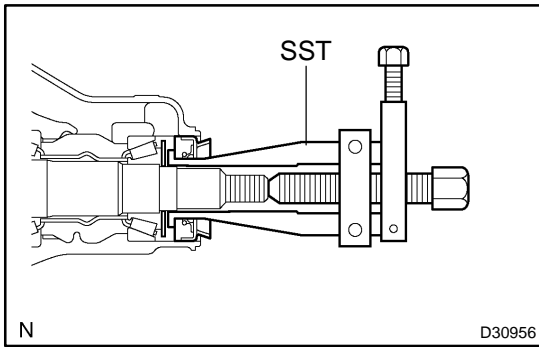
7. REMOVE REAR DRIVE PINION COMPANION FLANGE SUB-ASSY REAR

- (a) Using SST, remove the companion flange.
SST 09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)



8. REMOVE REAR DIFFERENTIAL DUST DEFLECTOR

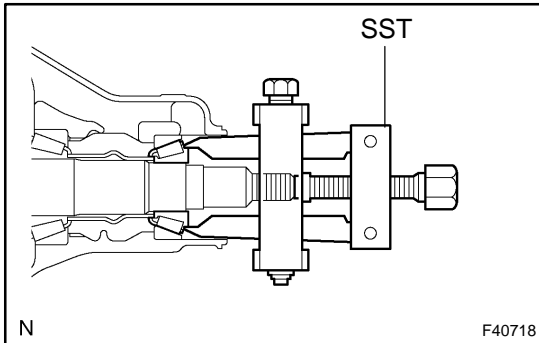
- (a) Using SST and a press, remove the dust deflector.
SST 09950-00020, 09950-60010 (09951-00360), 09950-70010 (09951-07150)



9. REMOVE REAR DIFFERENTIAL CARRIER OIL SEAL

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

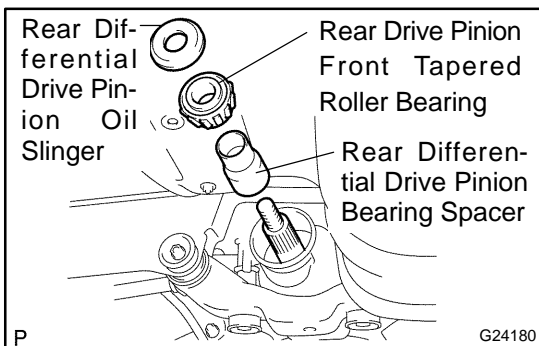
10. REMOVE REAR DIFFERENTIAL DRIVE PINION OIL SLINGER



11. REMOVE REAR DRIVE PINION FRONT TAPERED ROLLER BEARING

- (a) Using SST, remove the front tapered roller bearing.
SST 09556-22010

12. REMOVE REAR DIFFERENTIAL DRIVE PINION BEARING SPACER



13. INSTALL REAR DIFFERENTIAL DRIVE PINION BEARING SPACER

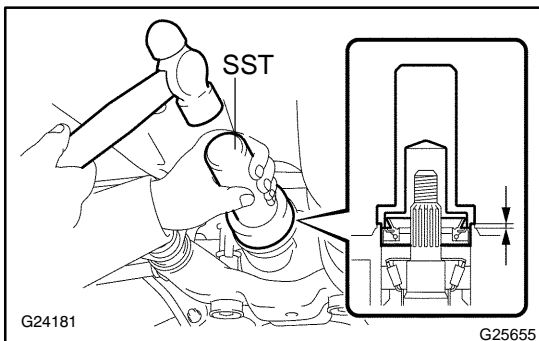
- (a) Install a new bearing spacer.

14. INSTALL REAR DRIVE PINION FRONT TAPERED ROLLER BEARING

- (a) Install the tapered roller bearing.

15. INSTALL REAR DIFFERENTIAL DRIVE PINION OIL SLINGER

- (a) Install the oil slinger.



16. INSTALL REAR DIFFERENTIAL CARRIER OIL SEAL

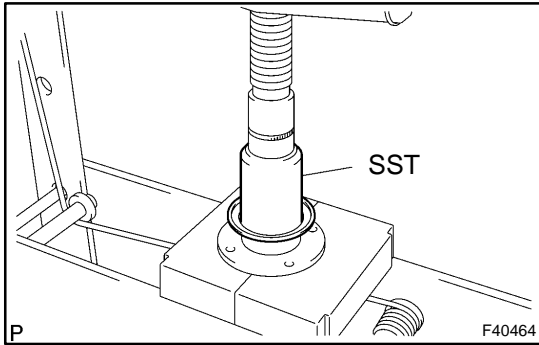
- (a) Using SST and a hammer, install a new oil seal.

Oil seal drive in depth:

2.0 ± 0.3 mm (0.079 ± 0.012 in.)

- (b) Coat MP grease to the oil seal lip.

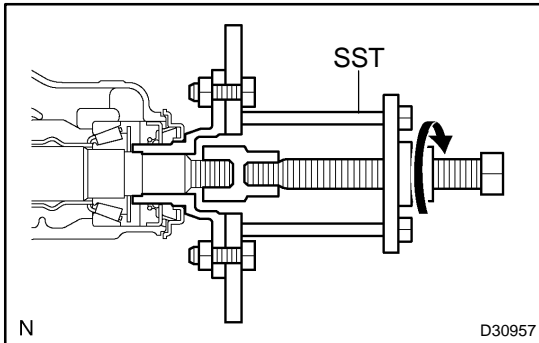
SST 09554-22010

**17. INSTALL REAR DIFFERENTIAL DUST DEFLECTOR**

- (a) Using SST and a press, install a new dust deflector.
SST 09223-00010

NOTICE:

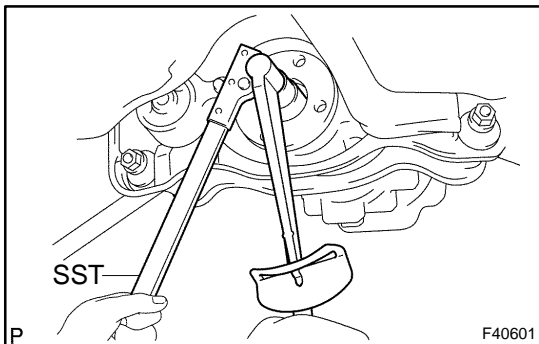
Be careful not to damage the dust deflector.

**18. INSTALL REAR DRIVE PINION COMPANION FLANGE SUB-ASSY REAR**

- (a) Using SST, install the companion flange on the shaft.
SST 09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)

NOTICE:

Apply hypoid gear oil to the SST center bolt tip and threads before use.

**19. INSTALL REAR DRIVE PINION NUT**

- (a) Coat the threads of a new nut with hypoid gear oil LSD.
(b) Using SST to hold the flange, torque the nut.
SST 09330-00021

Torque: 108 N·m (1,100 kgf·cm, 80 ft·lbf)

20. INSPECT DIFFERENTIAL DRIVE PINION PRELOAD (SEE PAGE 29-11)**21. INSTALL REAR DRIVE PINION NUT**

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

22. INSTALL PROPELLER W/CENTER BEARING SHAFT ASSY (SEE PAGE 30-12)**23. INSTALL REAR DIFFERENTIAL DRAIN PLUG**

- (a) Using a hexagon wrench (10 mm), install the drain plug and a new gasket.

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

24. ADD DIFFERENTIAL OIL

- (a) Fill the rear differential carrier assy with hypoid gear oil.

Oil grade: Hypoid gear oil API GL-5

Recommended oil viscosity:

Above -18°C (0°F) SAE 90

Below -18°C (0°F) SAE 80W or 80W-90

Capacity: 0.9 ± 0.05 liters (0.95 ± 0.05 US qts, 0.79 ± 0.04 Imp. qts)

25. INSPECT DIFFERENTIAL OIL (SEE PAGE 29-5)**26. INSTALL REAR DIFFERENTIAL FILLER PLUG**

- (a) Using a hexagon wrench (10 mm), install the filler plug and a new gasket.

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

27. INSTALL EXHAUST PIPE ASSY (2AZ-FE ENGINE TYPE) (SEE PAGE 15-2)**28. INSTALL EXHAUST PIPE ASSY (3MZ-FE ENGINE TYPE) (SEE PAGE 15-5)**