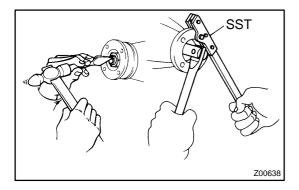
SA057-03

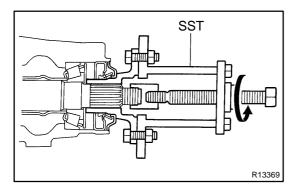
REPLACEMENT

- 1. REMOVE UNDER COVER
- 2. REMOVE FRONT PROPELLER SHAFT (See page PR-8)

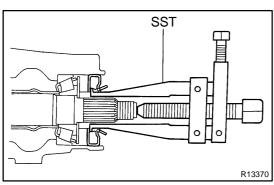


3. REMOVE COMPANION FLANGE

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

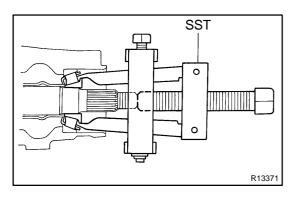


(c) Using SST, remove the companion flange. SST 09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)



4. REMOVE OIL SEAL AND OIL SLINGER

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

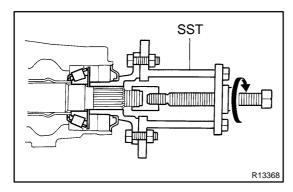


5. REMOVE REAR BEARING AND BEARING SPACER

- (a) Using SST, remove the rear bearing from the drive pinion. SST 09556-22010
- (b) Remove the bearing spacer.

2002 4RUNNER (RM887U)

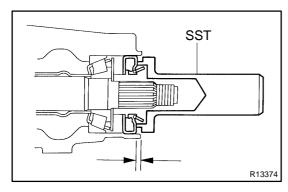
Author: Date: 1194



6. INSTALL BEARING SPACER, REAR BEARING AND OIL SLINGER

- (a) Install a new bearing spacer and place the rear bearing and oil slinger.
- (b) Using SST and the companion flange, install the rear bearing, then remove the companion flange.

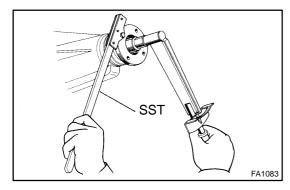
SST 09950-30012 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)



7. INSTALL NEW OIL SEAL

- (a) Coat a new oil seal lip with MP grease.
- (b) Using SST and a hammer, install the oil seal. SST 09554-22010

Oil seal drive in depth: 4.5 mm (0.177 in.)



8. INSTALL COMPANION FLANGE

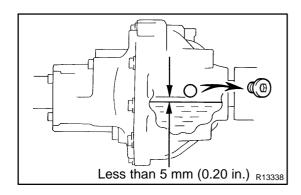
- (a) Place the companion flange on the drive pinion.
- (b) Coat the threads of a new nut with hypoid gear oil.
- (c) Using SST to hold the flange, torque the nut. SST 09330-00021

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

- 9. ADJUST DRIVE PINION PRELOAD
- (See page SA-37)

 10. STAKE DRIVE PINION NUT
- 11. INSTALL FRONT PROPELLER SHAFT

(See page PR-1 1)



12. FILL DIFFERENTIAL WITH DIFFERENTIAL OIL

Torque: 39 N-m (400 kgf-cm, 29 ft-lbf)

w/o A.D.D.:

Oil type: Hypoid gear oil API GL-5

Recommended oil viscosity: Above -18°C (0°F) SAE 90

Below -18°C (0°F) SAE 80W-90 or 80W

Capacity: 1.10 liters (1.16 US qts, 0.97 lmp.qts)

2002 4RUNNER (RM887U)

Author: Date: 1195

w/ A.D.D.:

Oil type: Hypoid gear oil API GL-5 Recommended oil viscosity: SAE 75W-90

Capacity: 1.15 liters (1.22 US qts, 1.01 lmp.qts)

13. INSTALL UNDER COVER

Author: Date: 1196