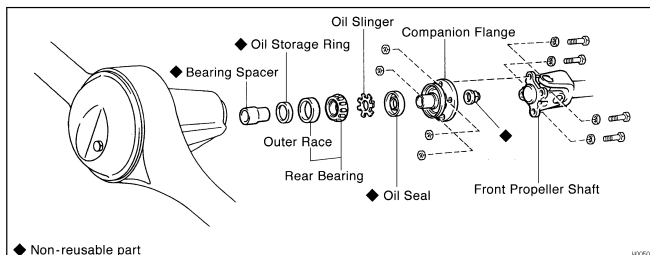


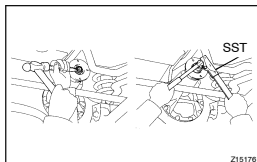
FRONT DIFFERENTIAL REAR OIL SEAL COMPONENTS

S411J-01



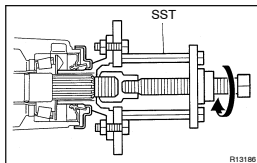
REPLACEMENT

1. DRAIN DIFFERENTIAL OIL
2. REMOVE FRONT PROPELLER SHAFT
(See page PR-3)

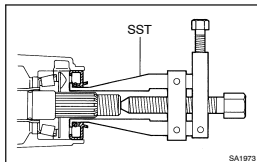


3. REMOVE COMPANION FLANGE

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

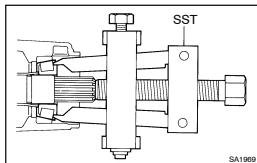


- (c) Using SST, remove the companion flange.
SST 09950-30010 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)



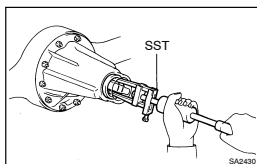
4. REMOVE OIL SEAL AND OIL SLINGER

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



5. REMOVE REAR BEARING

- Using SST, remove the rear bearing from the drive pinion.
SST 09556-22010

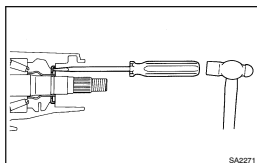
**6. REMOVE REAR BEARING OUTER RACE**

Using SST, remove the bearing outer race.

SST 09308-00010

NOTICE:

Do not scratch the taper surface of the outer race.

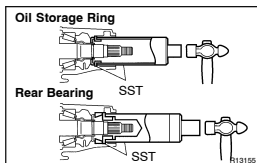
**7. REMOVE OIL STORAGE RING**

Using a screwdriver, bend the oil storage ring and drive it out.

8. REMOVE BEARING SPACER**Note:**

bearing spacer = crush sleeve

MUST be replaced when replacing the seal

**9. INSTALL BEARING SPACER****10. INSTALL OIL STORAGE RING**

Using SST, install a new oil storage ring.

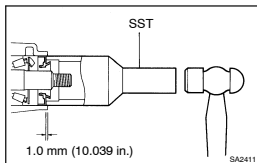
SST 09316-60011 (09316-00011, 09316-00021)

11. INSTALL REAR BEARING

(a) Using SST, install the bearing outer race.

SST 09316-60011 (09316-00011, 09316-00021)

(b) Install the rear bearing.

**12. INSTALL OIL SLINGER AND OIL SEAL**

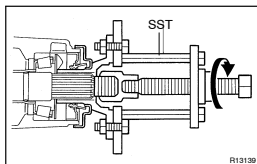
(a) Install the oil slinger.

(b) Using SST, install a new oil seal, as shown.

SST 09214-76011

Oil seal drive in depth: 1.0 mm (0.039 in.)

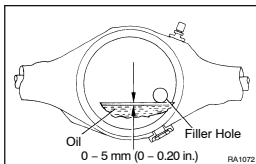
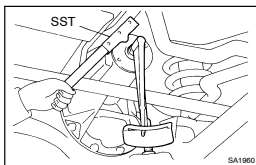
(c) Coat the lip of the oil seal with MP grease.

**13. INSTALL COMPANION FLANGE**

(a) Using SST, install the companion flange on the drive pinion.

SST 09950-30010 (09951-03010, 09953-03010, 09954-03010, 09955-03030, 09956-03020)

(b) Place the plate washer on the companion flange.



- (c) Apply light coat of gear oil on threads of a new companion flange nut.

- (d) Using SST to hold the flange, torque the nut.
SST 09330-00021

Torque: 196 N·m (2,000 kgf·cm, 145 ft·lbf)

14. ADJUST DRIVE PINION PRELOAD

(See page [SA-36](#))

15. STAKE DRIVE PINION NUT

16. INSTALL FRONT PROPELLER SHAFT

(See page [PR-5](#))

17. FILL DIFFERENTIAL WITH GEAR OIL

Torque: 49 N·m (500 kgf·cm, 39 ft·lbf)

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:

w/o Differential lock:

2.80 liters (2.9 US qts, 2.5 Imp. qts)

w/ Differential lock:

2.65 liters (2.8 US qts, 2.3 Imp. qts)