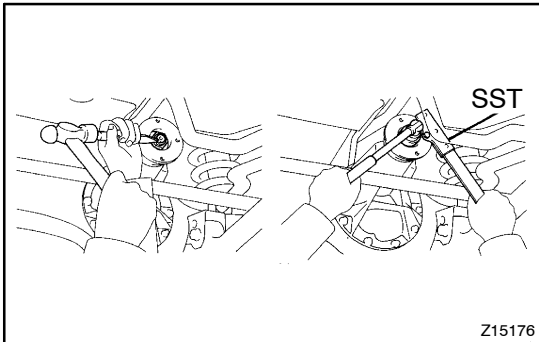


REPLACEMENT

1. DISCONNECT FRONT PROPELLER SHAFT

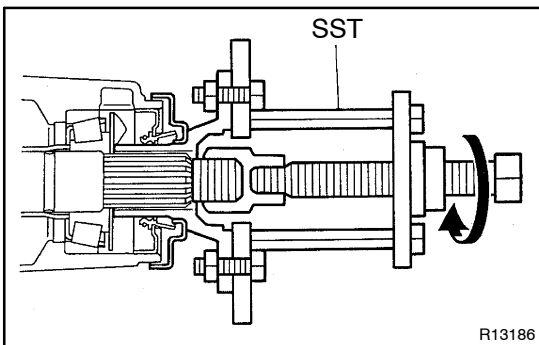
- Place matchmarks on the flanges.
- Remove the 4 bolts and nuts.
- Disconnect the front propeller shaft.

2. DRAIN HYPOID GEAR OIL

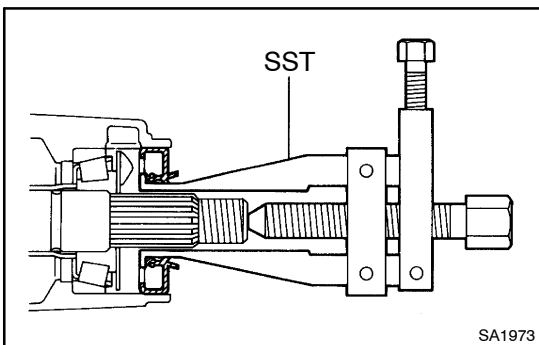


3. REMOVE COMPANION FLANGE

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

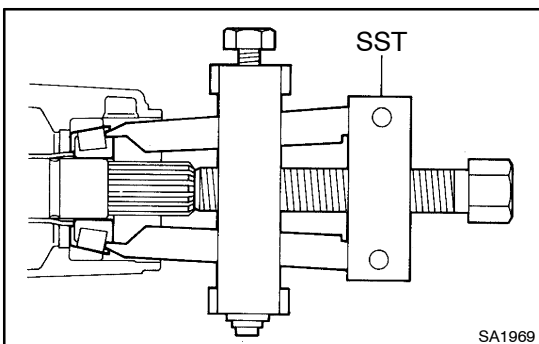


- Using SST, remove the companion flange.
SST 09950 -30010 (09951 -03010, 09953 -03010, 09954 -03010, 09955 -03030, 09956 -03020)



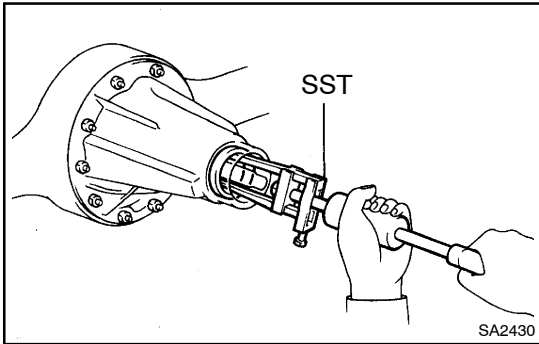
4. REMOVE OIL SEAL AND SLINGER

- Using SST, remove the oil seal.
SST 09308 -10010
- Remove the oil slinger.



5. REMOVE REAR BEARING

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

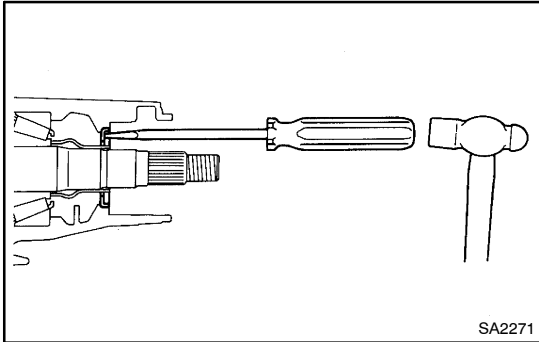
**6. REMOVE REAR BEARING OUTER RACE**

Using SST, remove the bearing outer race.

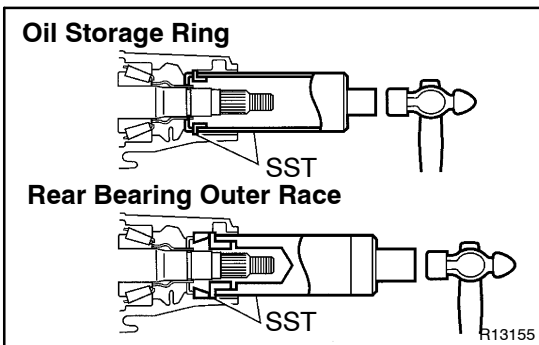
SST 09308 -00010

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

Using SST, install a new oil storage ring.

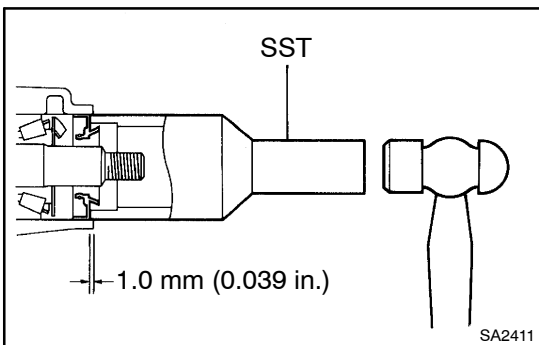
SST 09316 -60011 (09316 -00011), 09506 -35010

11. INSTALL REAR BEARING

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

SST 09316 -60011 (09316 -00011), 09506 -35010

(b) Install the rear bearing.

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

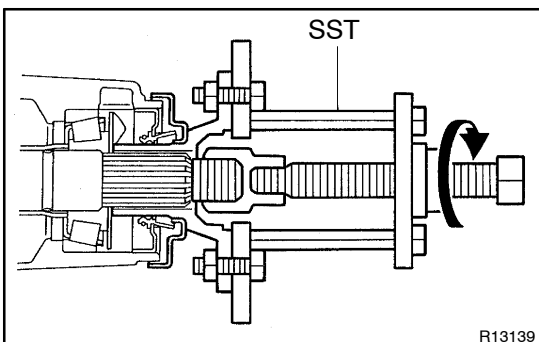
(a) Install the oil slinger.

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

SST 09214 -76011

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

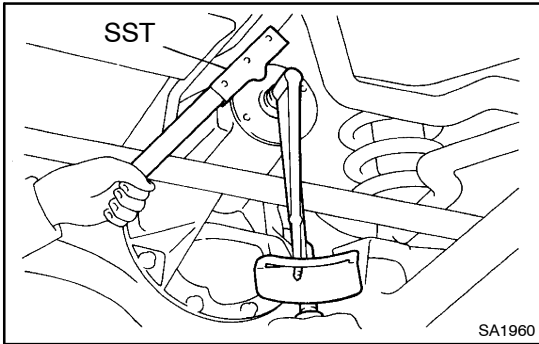
(c) Coat the lip of the oil seal with MP grease.

**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) Apply light coat of gear oil on threads of a new nut.



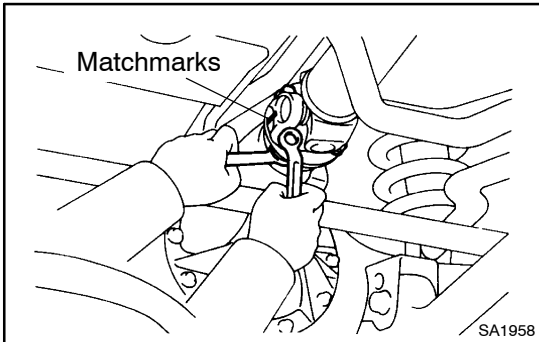
- (c) Using SST to hold the flange, torque the nut.
SST 09330-00021

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

14. ADJUST DRIVE PINION PRELOAD

(See page SA-74)

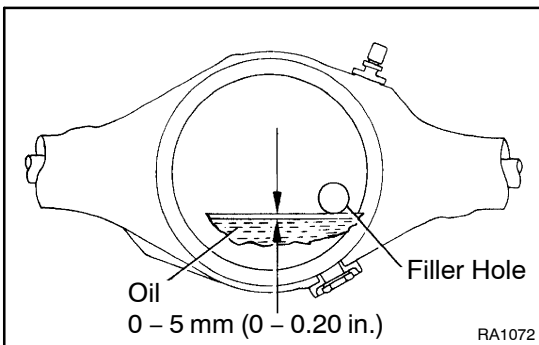
15. STAKE DRIVE PINION NUT



16. CONNECT FRONT PROPELLER SHAFT

- (a) Align the matchmarks and connect the propeller shaft to the companion flange with the 4 bolts, washers and nuts.
(b) Torque the bolts and nuts.

Torque: 80 N·m (820 kgf·cm, 59 ft·lbf)



17. FILL DIFFERENTIAL WITH HYPOID GEAR OIL

Torque: 49 N·m (500 kgf·cm, 36 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 Diff. lock:

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

w/ Diff. lock:

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