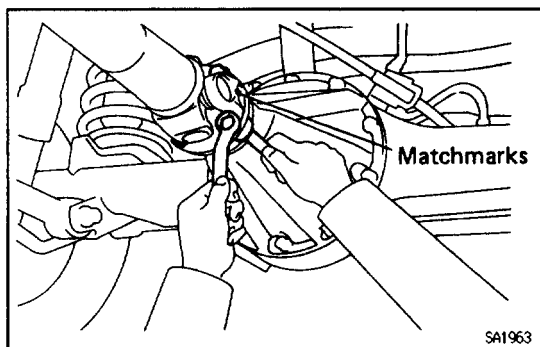
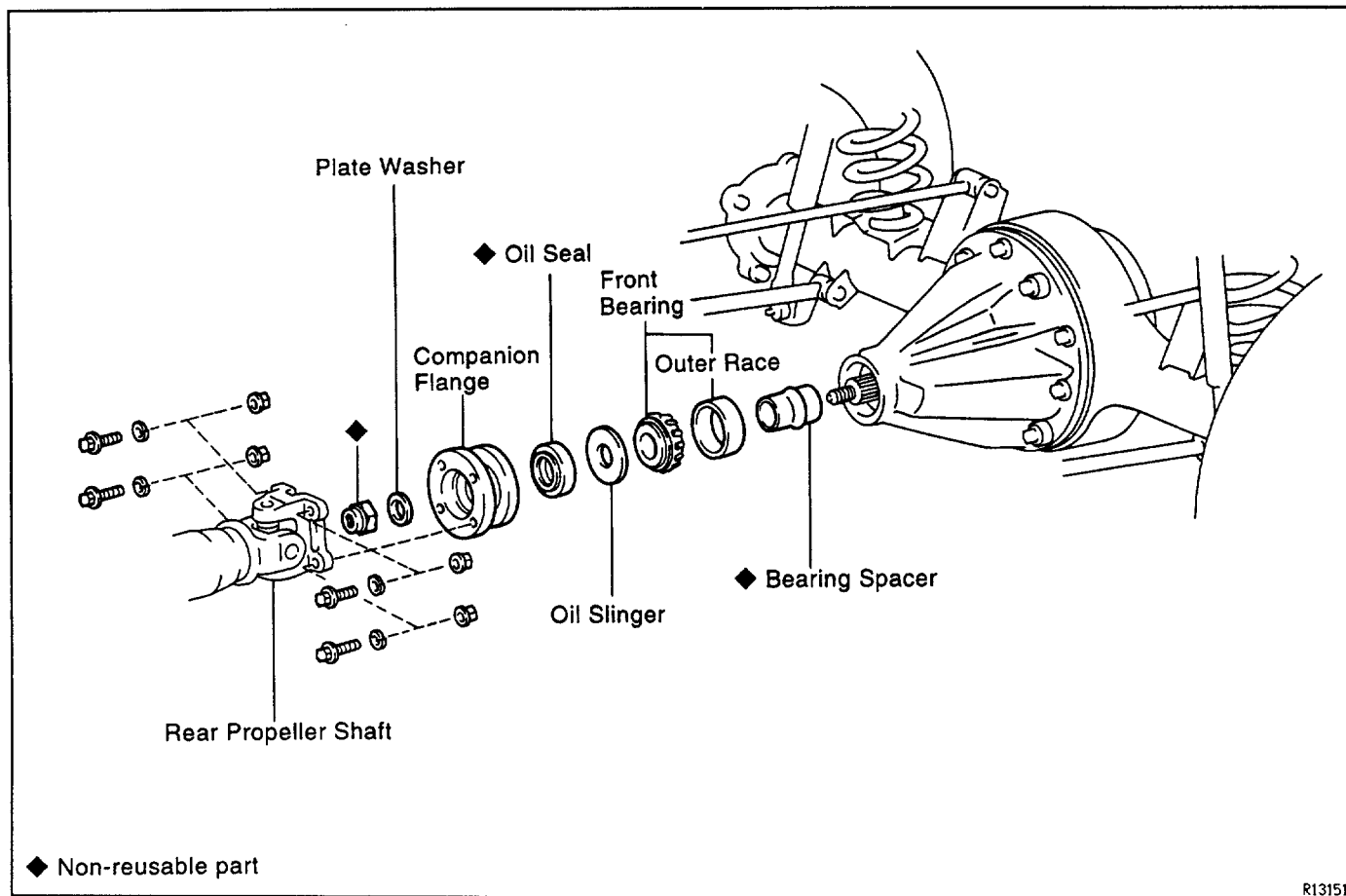
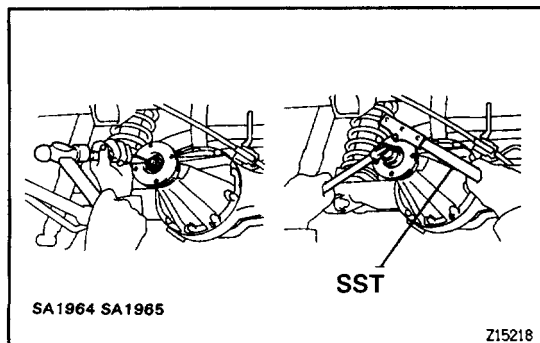


ON-VEHICLE REPAIR COMPONENTS



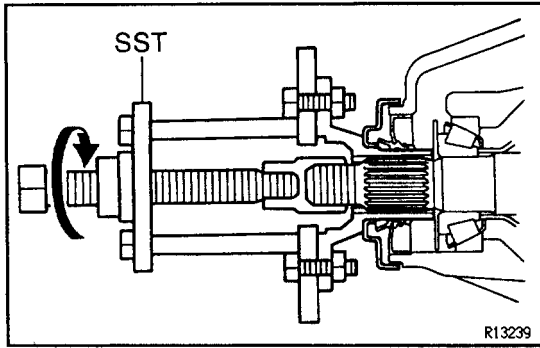
FRONT OIL SEAL REPLACEMENT

1. DRAIN DIFFERENTIAL OIL
2. DISCONNECT REAR PROPELLER SHAFT
 - (a) Place matchmarks on the flanges.
 - (b) Remove the 4 nuts, bolts and washers, and disconnect the rear propeller shaft.

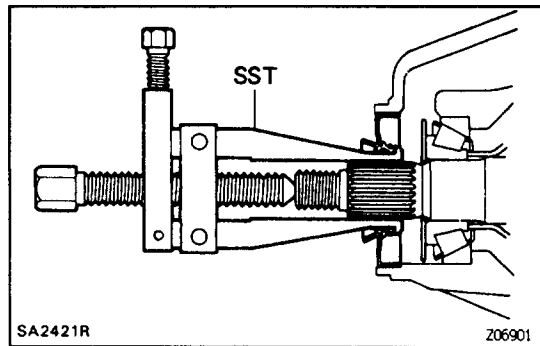


3. REMOVE COMPANION FLANGE
 - (a) Using a chisel and hammer, loosen the staked part of the nut.
 - (b) Using SST to hold the flange, remove the nut and plate washer.

SST 09330-00021

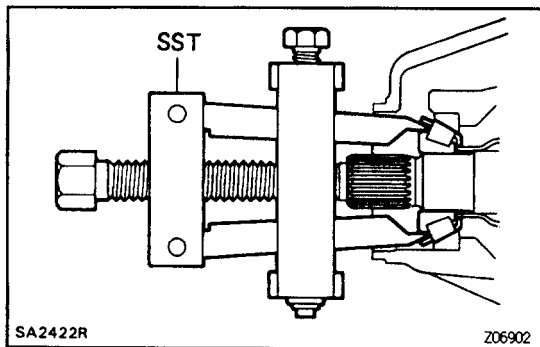


- (c) Using SST, remove the companion flange.
SST 09950-30010



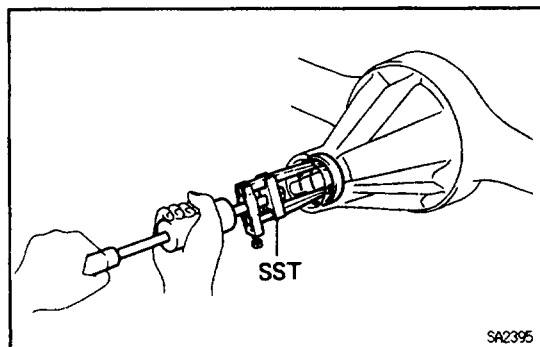
4. REMOVE OIL SEAL AND OIL SLINGER

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



5. REMOVE FRONT BEARING

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



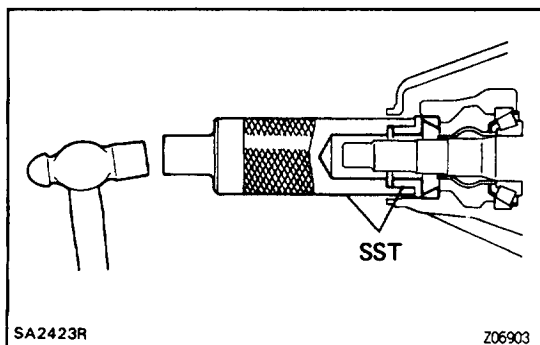
6. REMOVE BEARING OUTER RACE

Using SST, remove the bearing outer race.
SST 09308-00010

NOTICE: Do not scratch the taper surface of the outer race.

7. REMOVE BEARING SPACER

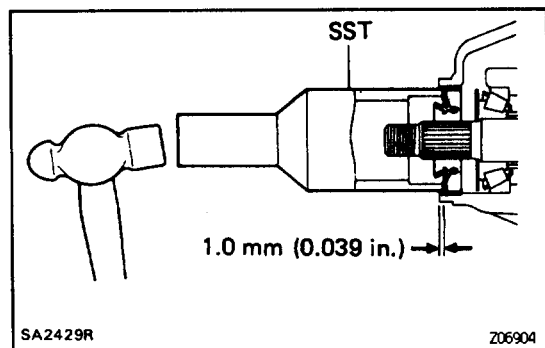
8. INSTALL NEW BEARING SPACER



9. INSTALL BEARING OUTER RACE

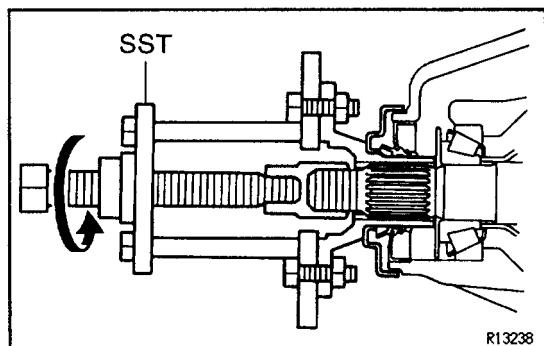
Using SST, install the bearing outer race.
SST 09316-60010 (09316-00010, 09316-00020)

10. INSTALL FRONT BEARING



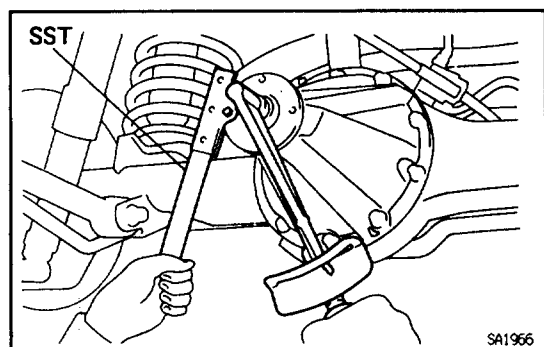
11. INSTALL OIL SLINGER AND OIL SEAL

- Install the oil slinger.
- Using SST, install a new oil seal, as shown.
SST 09214-76011
Oil seal drive in depth:
1.0 mm (0.039 in.)
- Apply MP grease to the oil seal lip.

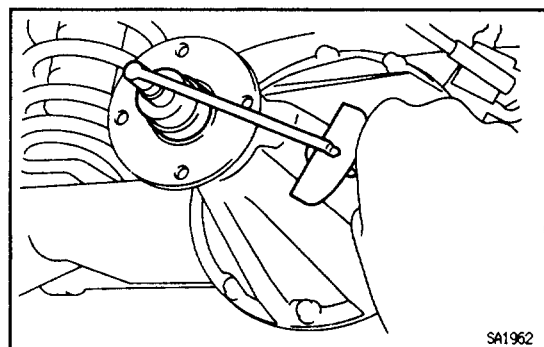


12. INSTALL COMPANION FLANGE

- Using SST, install the companion flange on the drive pinion.
SST 09950-30010
- Place the plate washer on the companion flange.



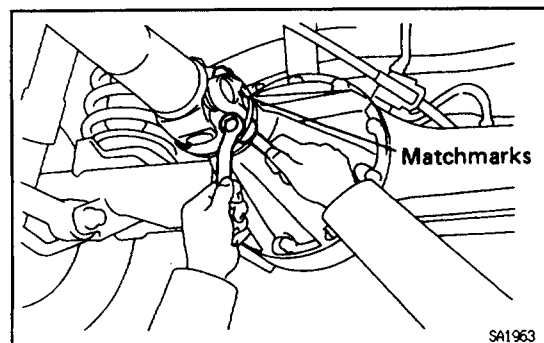
- Apply light coat of gear oil on threads of a new companion flange nut.
- Using SST to hold the flange, torque the nut.
SST 09330-00021
Torque: 245 N·m (2,500 kgf·cm, 181 ft·lbf)



13. ADJUST DRIVE PINION PRELOAD

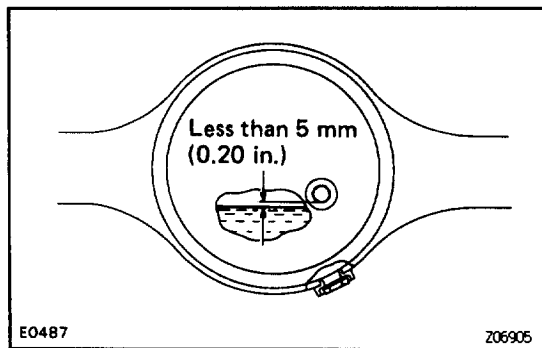
(See page [SA-95](#))

14. STAKE DRIVE PINION NUT



15. CONNECT REAR PROPELLER SHAFT

- Align the matchmarks and connect the propeller shaft to the companion flange with the 4 bolts, washers and nuts.
- Torque the bolts.
Torque: 88 N·m (900 kgf·cm, 65 ft·lbf)

**16. FILL DIFFERENTIAL WITH GEAR OIL****Torque:**

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

Filler plug: 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 or 80W – 90

Capacity:

3.25 liters (3.4 US qts, 2.9 Imp. qts)