

ON-VEHICLE REPAIR

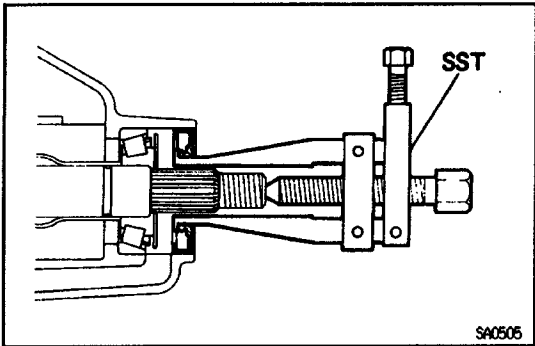
OIL SEAL ON-VEHICLE REPLACEMENT

1. DISCONNECT PROPELLER SHAFT FROM DIFFERENTIAL

- (a) Place matchmarks on the flanges.
- (b) Remove the 4 nuts, washers and bolts.

2. REMOVE COMPANION FLANGE

(See page [SA-146](#))



3. REMOVE OIL SEAL AND OIL SLINGER

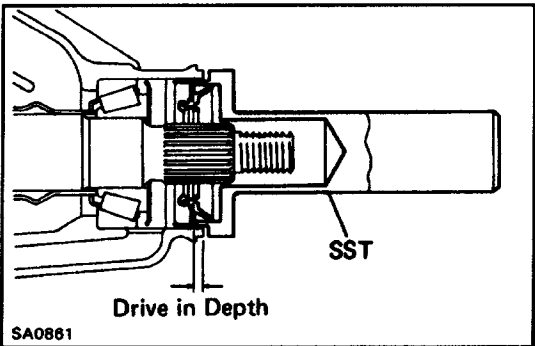
- (a) Using SST, remove the oil seal from the housing.
SST 09308 –10010
- (b) Remove the oil slinger.

4. REMOVE FRONT BEARING AND BEARING SPACER

(See page [SA-146](#))

5. INSTALL NEW BEARING SPACER AND FRONT BEARING

(See page [SA-156](#))



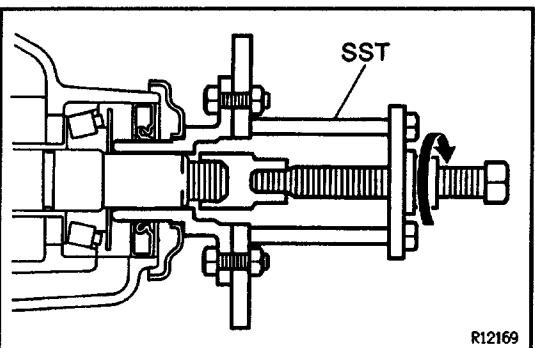
6. INSTALL OIL SLINGER AND NEW OIL SEAL

- (a) Install the oil slinger facing, as shown.
- (b) Using SST, drive in a new oil seal, as shown.
SST 08554–22010

Oil seal drive in depth:

1.0 mm (0.039 in.)

- (c) Apply MP grease to the oil seal lip.



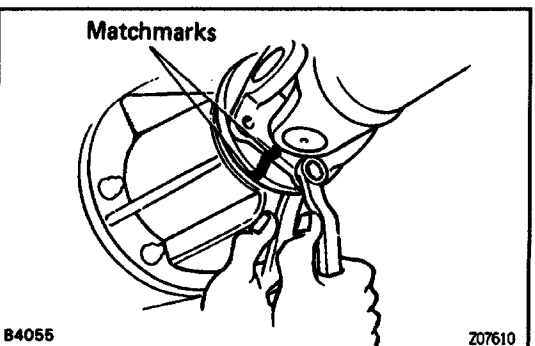
7. INSTALL COMPANION FLANGE

(See page [SA-167](#))

8. ADJUST DRIVE PINION BEARING PRELOAD

(See page [SA-157](#))

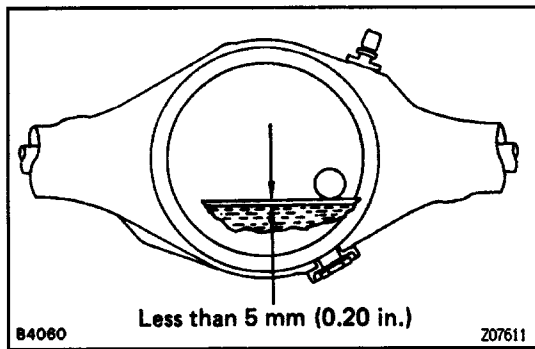
9. STAKE DRIVE PINION NUT



10. CONNECT PROPELLER SHAFT FLANGE TO COMPANION FLANGE

- (a) Align the matchmarks on the flanges and connect the flanges with 4 bolts, washers and nuts.
- (b) Torque the 4 bolts.

Torque: 74 N-m (750 kgf-cm, 54 ft-lbf)

**11. CHECK DIFFERENTIAL OIL LEVEL**

Fill with hypoid gear oil if necessary.

Oil type:

API GL-5 hypoid gear oil

Viscosity:

Above – 18° C (0° F) SAE 90

Below – 18° C (0° F) SAE 80W or 80W – 90

Capacity:

4 x 4 Type:

2.2 liters (2.3 US qts, 1.9 Imp. qts)

4 x 2 Type:

1.8 liters (1.9 US qts, 1.6 Imp. qts)