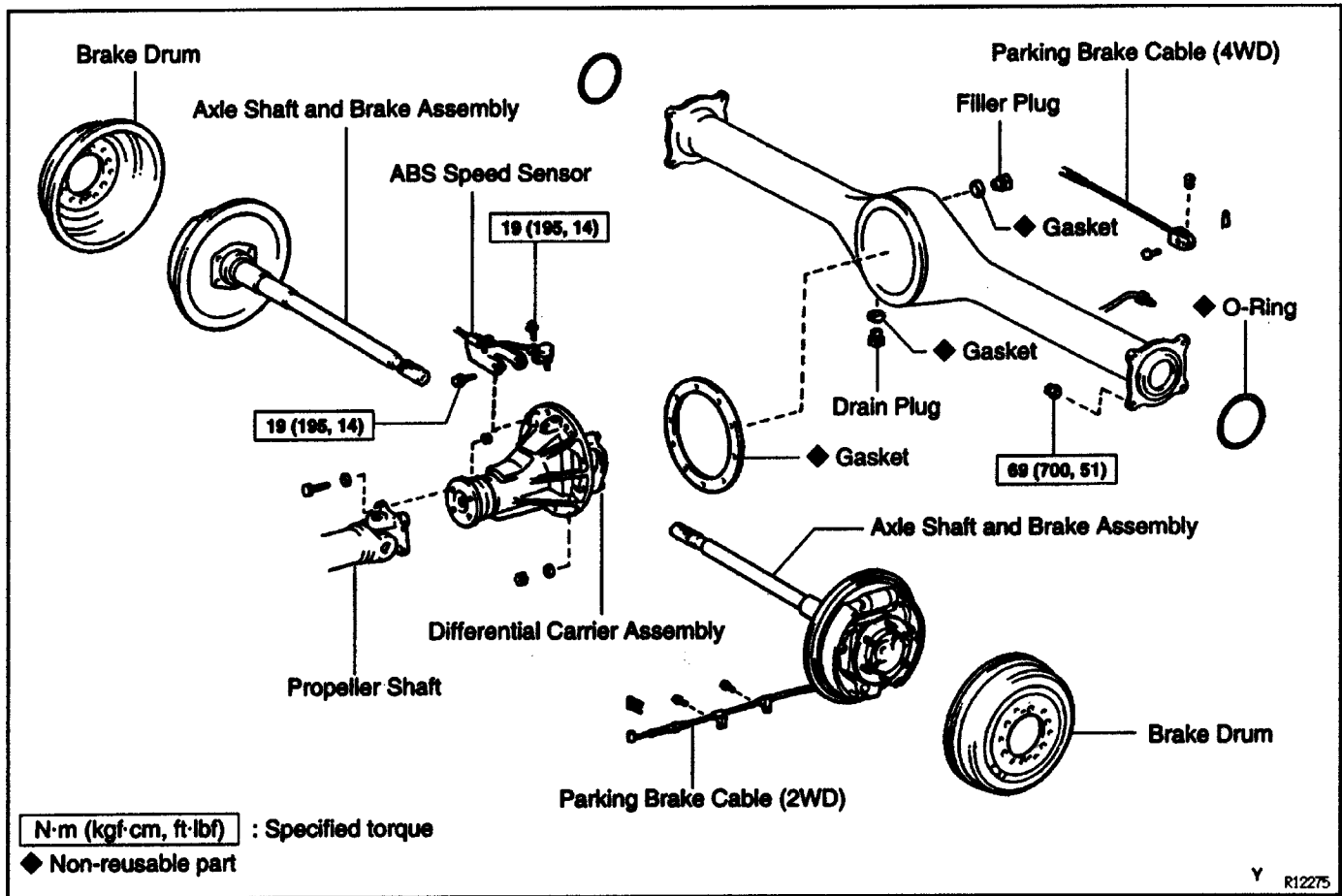


ASSEMBLY REMOVAL AND INSTALLATION COMPONENTS



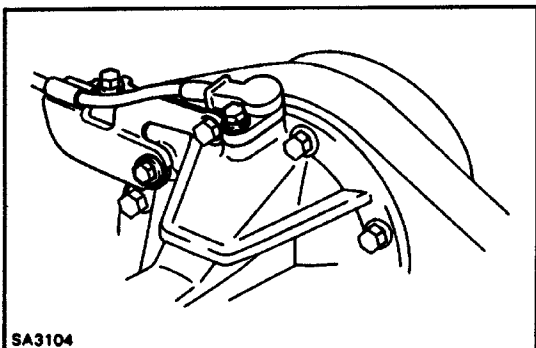
DIFFERENTIAL REMOVAL

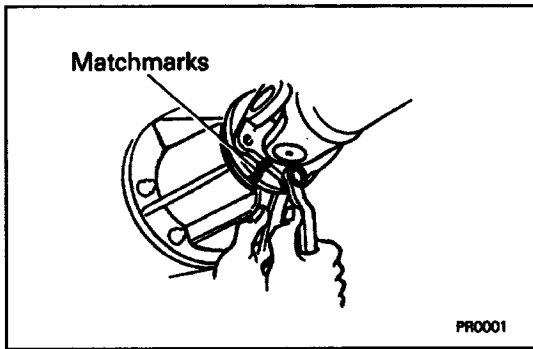
1. REMOVE DRAIN PLUG AND DRAIN DIFFERENTIAL OIL
2. REMOVE REAR AXLE SHAFTS
(See page [SA-128](#))

3. w/ REAR WHEEL ABS:

DISCONNECT ABS SPEED SENSOR

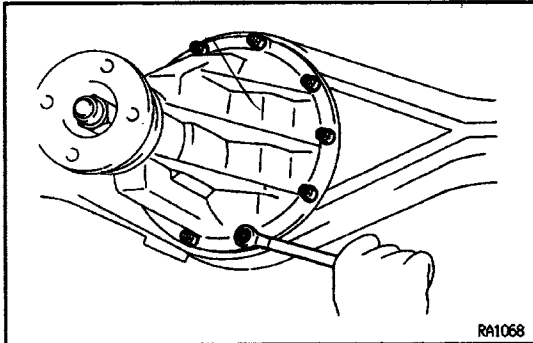
Remove the 3 bolts and ABS speed sensor with the bracket.





4. DISCONNECT PROPELLER SHAFT FROM DIFFERENTIAL

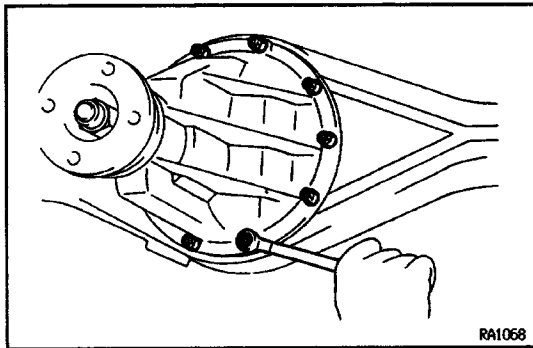
- (a) Place matchmarks on the flanges.
- (b) Remove the 4 nuts, bolts and washers, disconnect the propeller shaft.



5. REMOVE DIFFERENTIAL CARRIER ASSEMBLY

Remove the 14 nuts, washers and differential carrier assembly.

NOTICE: Be careful not to damage the installation surface.



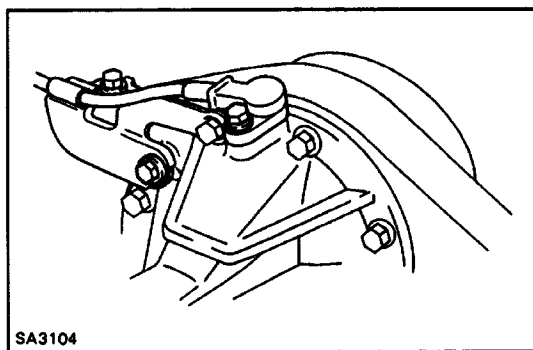
DIFFERENTIAL INSTALLATION

1. INSTALL NEW GASKET

2. INSTALL DIFFERENTIAL CARRIER ASSEMBLY

- (a) Install the differential carrier assembly in the axle and install the 10 washers and nuts.
- (b) Torque the nuts.

Torque: 25 N-m (250 kgf-cm, 18 ft-lbf)

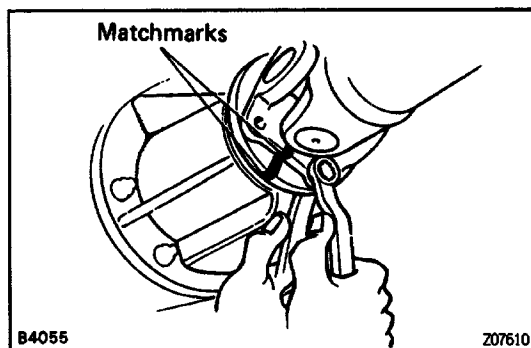


3. w/ REAR WHEEL ABS:

CONNECT ABS SPEED SENSOR

Connect the ABS speed sensor with the bracket and install the 2 bolts.

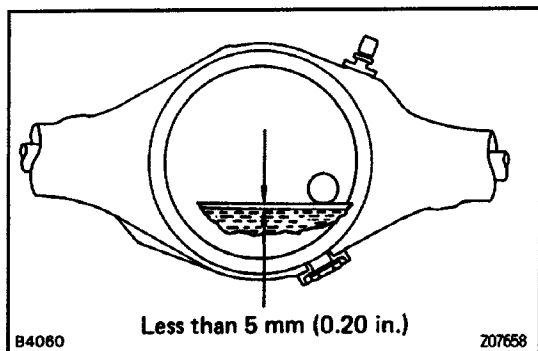
Torque: 19 N-m (196 kgf-cm, 14 ft-lbf)



4. CONNECT PROPELLER SHAFT FLANGE TO COMPANION FLANGE

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

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



5. INSTALL DRAIN PLUG AND FILL DIFFERENTIAL WITH GEAR OIL

Oil type:

Hypoid gear oil API GL-5

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)

Install the filler plug.

Toque 49 N-m (500 kgf-cm, 36 ft-lbf)

6. w/ REAR WHEEL ABS:

CHECK ABS SPEED SENSOR SIGNAL

(See page [BR-63](#))