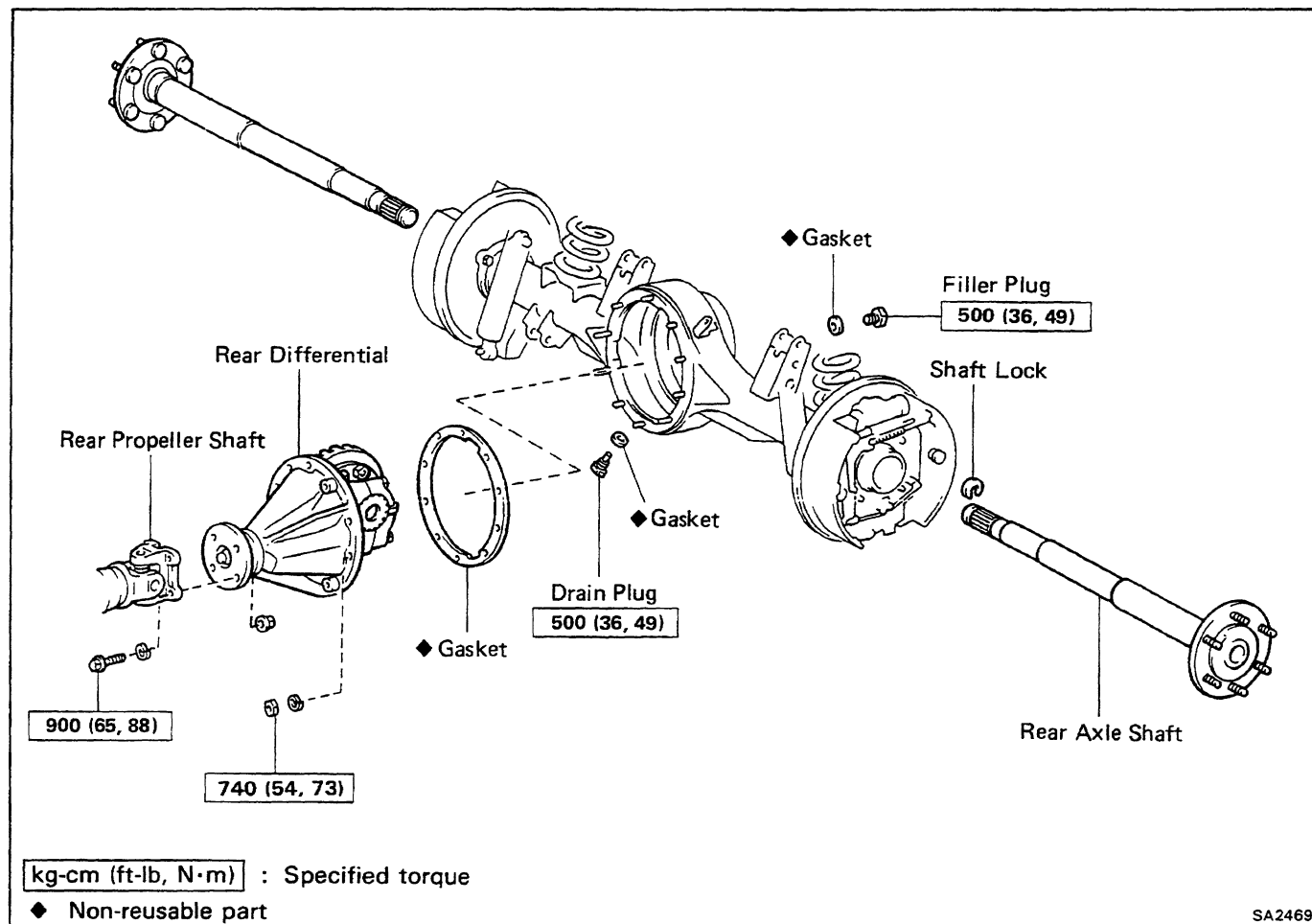


Removal and Installation of Rear Differential COMPONENTS

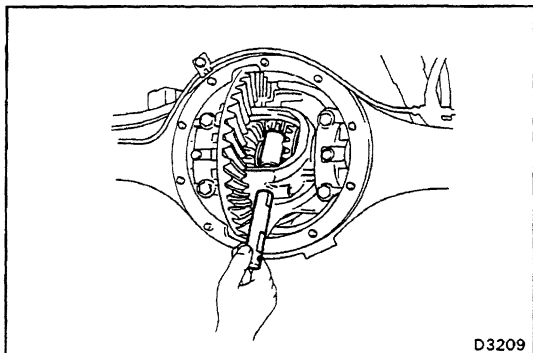


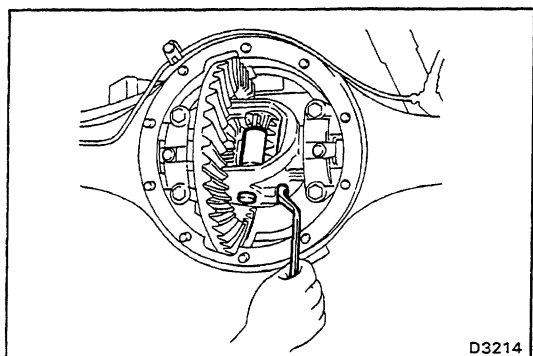
REMOVAL OF REAR DIFFERENTIAL

1. REMOVE DRAIN PLUG AND DRAIN DIFFERENTIAL OIL
2. REMOVE REAR AXLE SHAFTS
(See steps 1 to 9 on pages SA-58 to 60)
3. DISCONNECT REAR PROPELLER SHAFT
(See step 1 on page SA-64)

4. INSTALL PINION SHAFT AND PINION SPACER

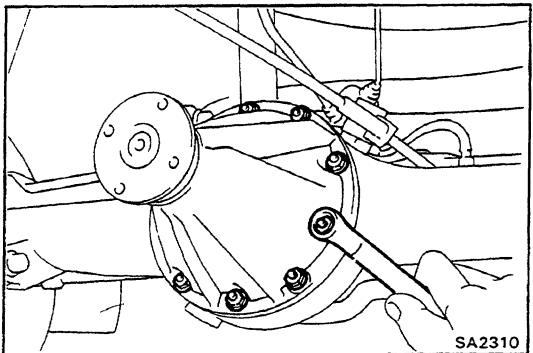
- (a) Install the spacer and pinion shaft to the differential.





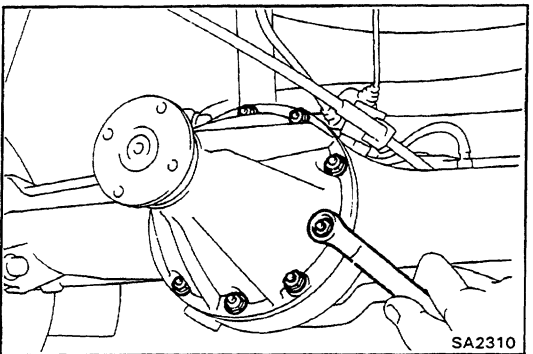
(b) Install the pinion shaft pin.

Torque: 275 kg-cm (20 ft-lb, 27 N-m)



5. REMOVE DIFFERENTIAL CARRIER ASSEMBLY

NOTICE: Do not scratch the installation surface.



INSTALLATION OF REAR DIFFERENTIAL

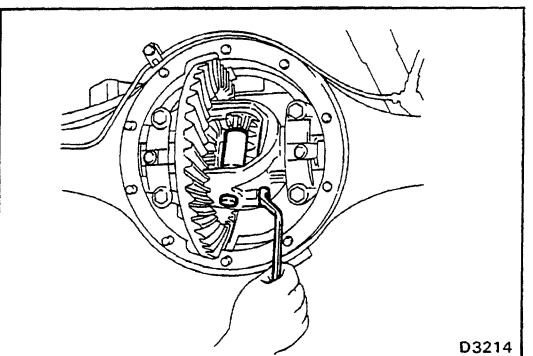
(See page [SA-68](#))

1. INSTALL A NEW GASKET

2. INSTALL DIFFERENTIAL CARRIER ASSEMBLY

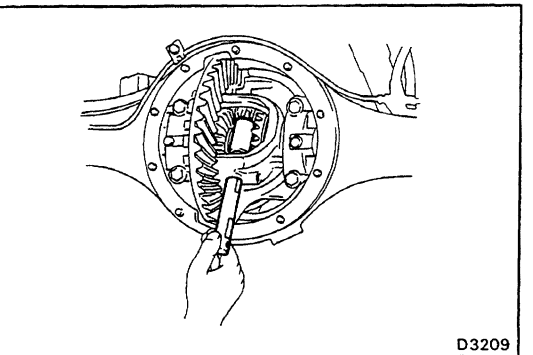
Install the differential carrier assembly in the axle and install the 10 nuts. Torque the nuts.

Torque: 475 kg-cm (34 ft-lb, 47 N-m)



3. REMOVE PINION SHAFT AND PINION SPACER

(a) Remove the pinion shaft pin from the differential.



(b) Remove the pinion shaft and spacer.

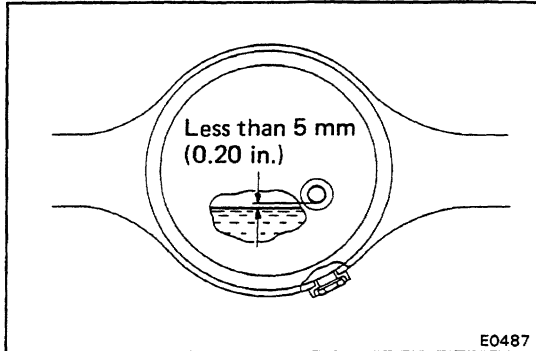
HINT: When the pinion shaft is removed, the pinion gear and thrust washer will come off also.

4. CONNECT REAR PROPELLER SHAFT

(See step 14 on page [SA-67](#))

5. INSTALL REAR AXLE SHAFTS

(See steps 2 to 8 on pages [SA-61](#) to 63)

6. INSTALL DRAIN PLUG**7. FILL DIFFERENTIAL WITH GEAR OIL**

Fill with hypoid 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: 3.25 liters (3.4 US qts, 2.9 Imp. qts)