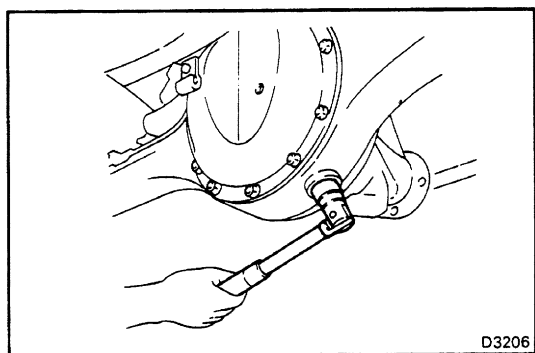
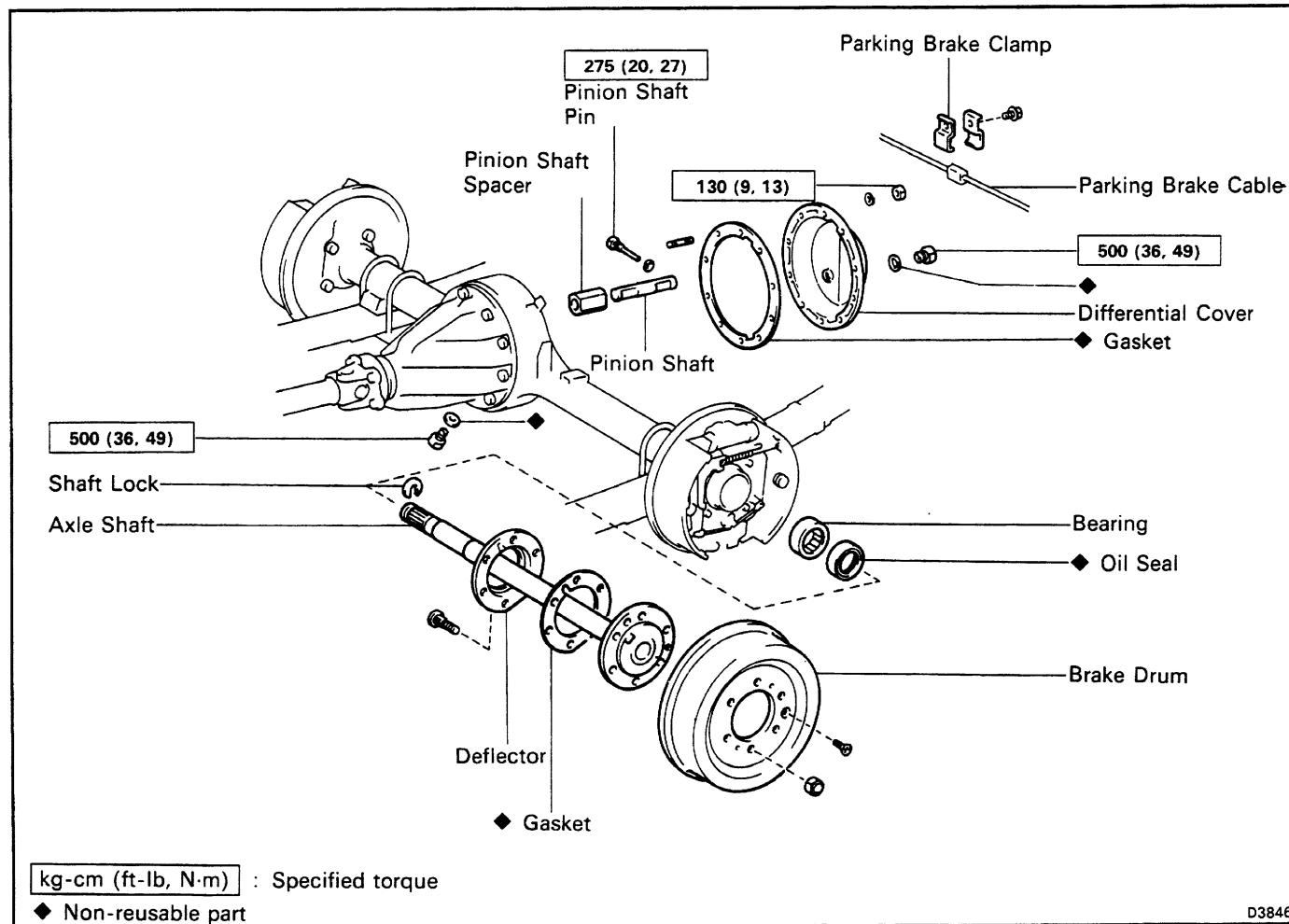
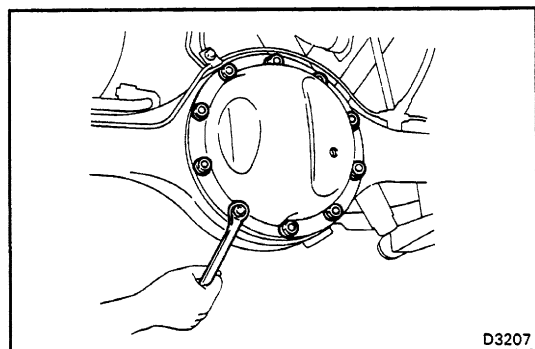


REAR AXLE SHAFT COMPONENTS



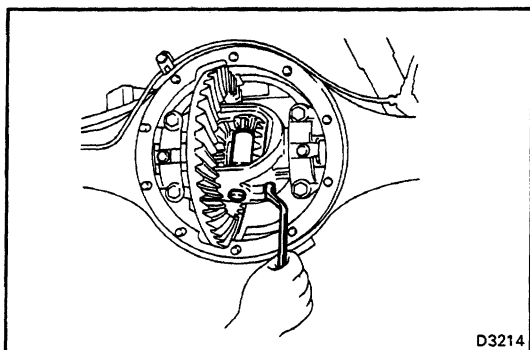
REMOVAL OF REAR AXLE SHAFT

1. JACK UP AND SUPPORT VEHICLE
2. REMOVE WHEEL AND BRAKE DRUM
3. REMOVE DRAIN PLUG AND DIFFERENTIAL OIL
4. REMOVE PARKING BRAKE CABLE CLAMP



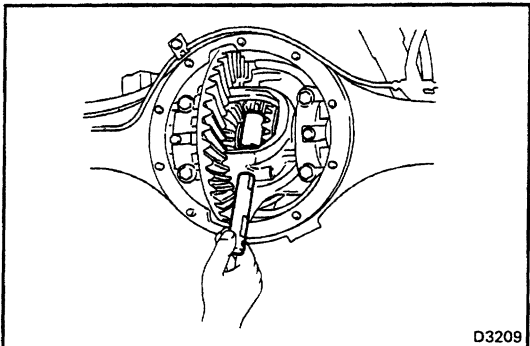
5. REMOVE DIFFERENTIAL COVER

- (a) Remove the ten nuts and washers.
- (b) Remove the differential cover with gasket.



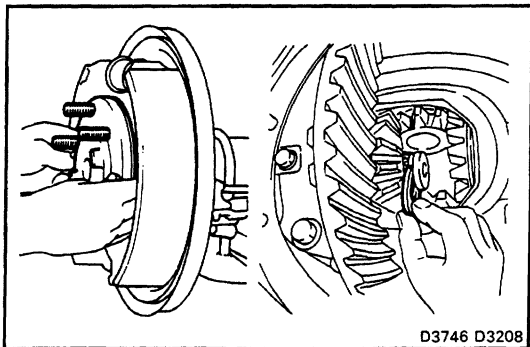
6. REMOVE PINION SHAFT AND SPACER

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



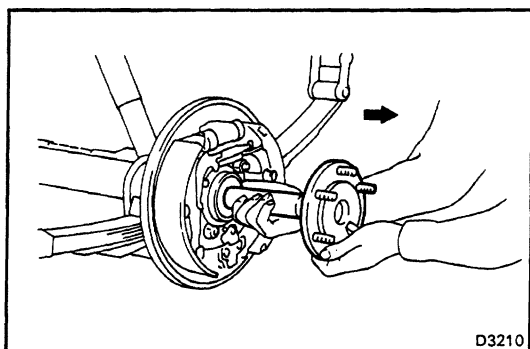
(b) Remove the pinion shaft and spacer.

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



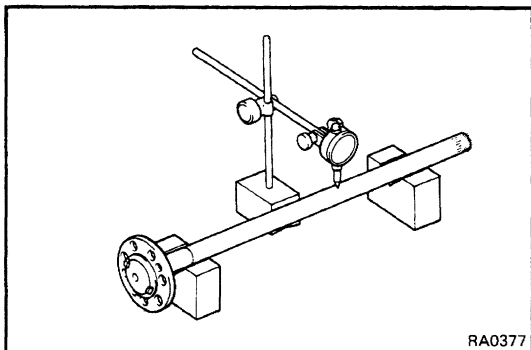
7. REMOVE AXLE SHAFT LOCK

Push the axle shaft to the differential side and remove the axle shaft lock.



8. REMOVE AXLE SHAFT

NOTICE: When pulling out the axle shaft, be careful not to damage the oil seal.

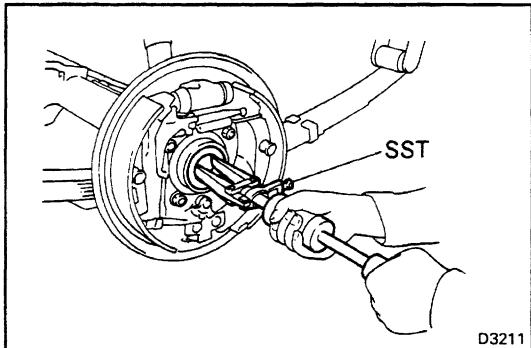


INSPECTION AND REPLACEMENT OF REAR AXLE SHAFT COMPONENTS

1. INSPECT REAR AXLE SHAFT

- (a) Check for wear or damage.
- (b) Check the runout of axle shaft.

Maximum runout: 0.8 mm (0.031 in.)

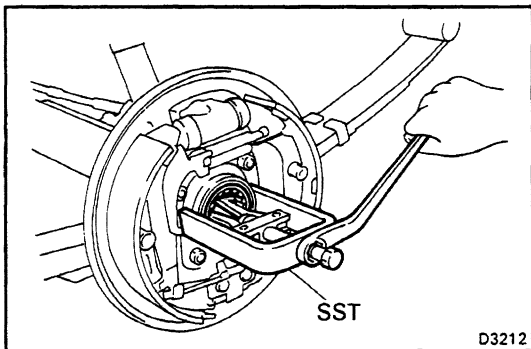


2. INSPECT OIL SEAL AND BEARING FOR WEAR OR DAMAGE

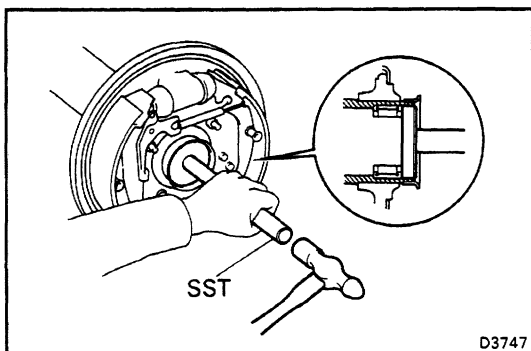
If the oil seal and bearing is damaged or worn, replace it.

3. REPLACE OIL SEAL AND BEARING

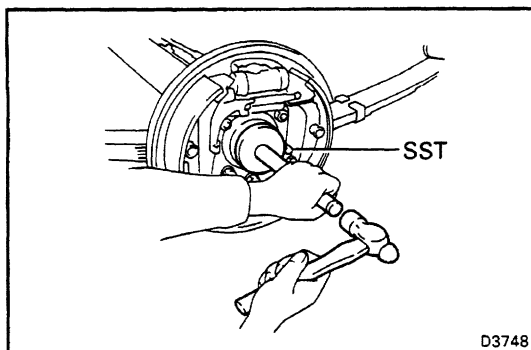
- (a) Using SST, remove the oil seal.
SST 09308-00010



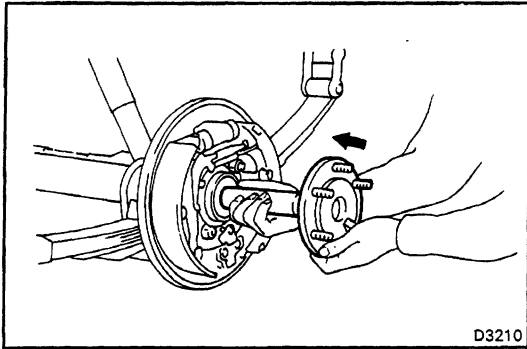
- (b) Using SST, remove the bearing.
SST 09514-35011



- (c) Apply IMP grease to the bearing.
- (d) Using SST, drive in a new bearing.
SST 09608-20012(09608-03020, 09608-03060)



- (e) Using SST, drive in a new oil seal.
SST 09608-20012(09608-03020, 09608-03090)
- (f) Apply MP grease to the oil seal lip.



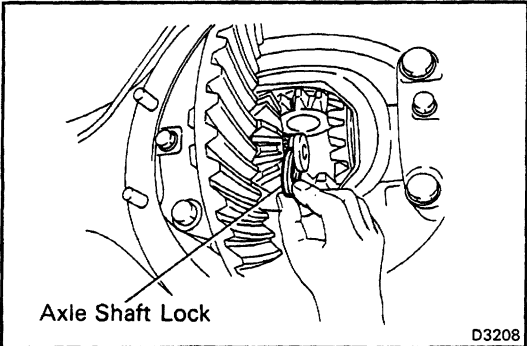
INSTALLATION OF REAR AXLE SHAFT

(See page SA-56)

1. INSTALL REAR AXLE SHAFT IN AXLE HOUSING

Insert the axle shaft into the housing.

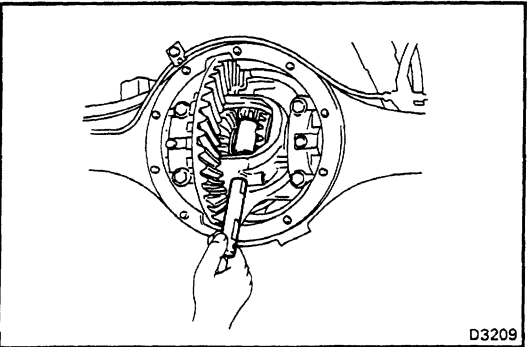
NOTICE: When inserting the axle shaft, be careful not to damage the oil seal.



2. INSTALL AXLE SHAFT LOCK

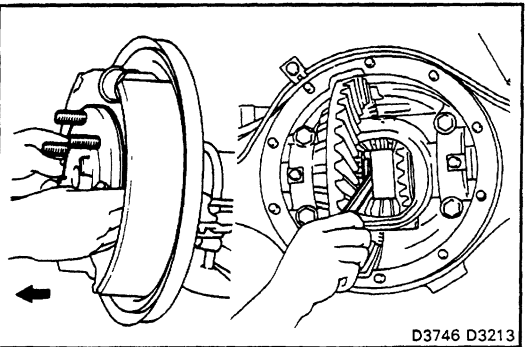
(a) Install the axle shaft lock to the axle shaft.

(b) Pull the axle shaft fully toward the outer side of the vehicle.



3. INSTALL PINION SHAFT AND PINION SPACER

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



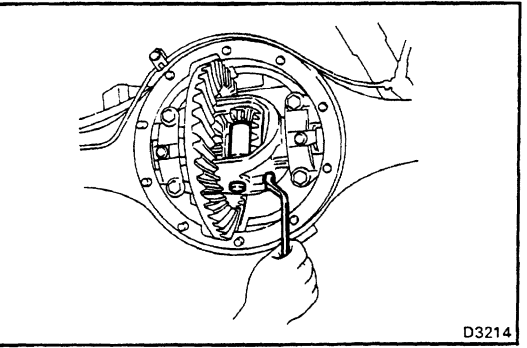
(b) Measure the thrust clearance between the axle shaft and spacer.

Maximum clearance: 0.5 mm (0.020 in.)

If necessary, select the spacer.

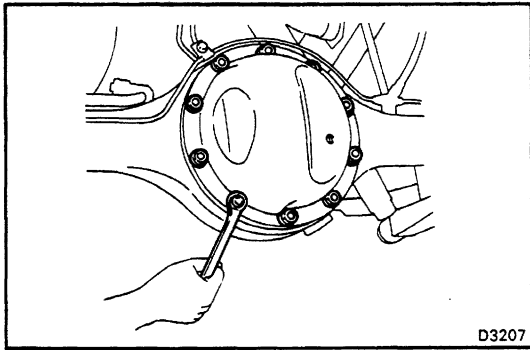
Spacer thickness

Thickness mm (in.)	
29.0	(1.142)
29.4	(1.157)
29.8	(1.173)
30.2	(1.189)
30.6	(1.205)



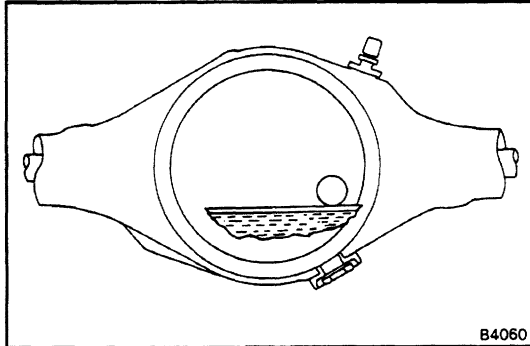
(c) Install the pinion shaft pin.

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

**4. INSTALL DIFFERENTIAL COVER**

- (a) Install anew gasket and differential cover to the axle housing.
- (b) Install the ten washers and nuts.

Torque: 130 kg-cm (9 ft-lb, 13 N-m)

5. INSTALL PARKING BRAKE CABLE CLAMP**6. INSTALL BRAKE DRUM AND WHEEL****7. FILL DIFFERENTIAL WITH GEAR OIL**

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: 2.5 liters (2.6 US qts, 2.2 Imp.qts)

8. LOWER VEHICLE