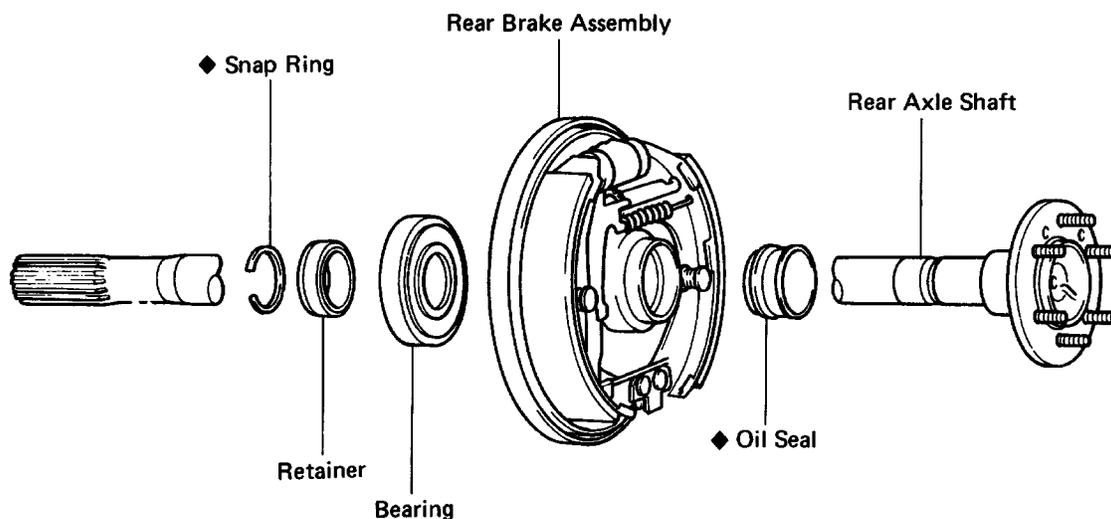
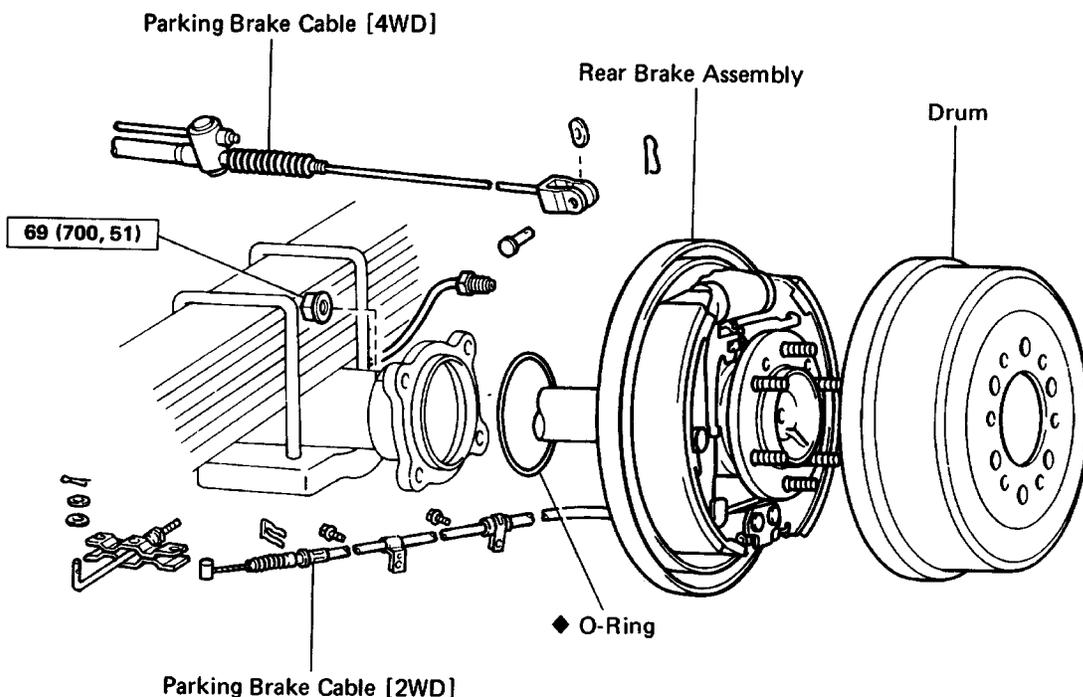


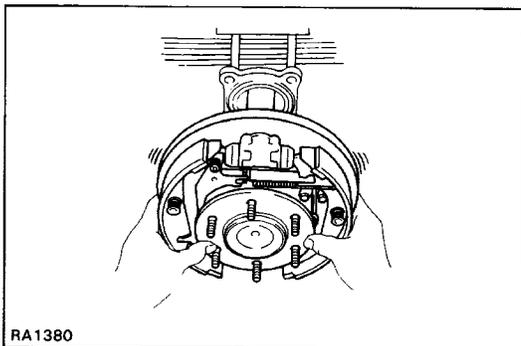
REAR AXLE SHAFT (Single Tire) COMPONENTS



N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non-reusable part

SA0387
SA0388



REMOVAL OF REAR AXLE SHAFT

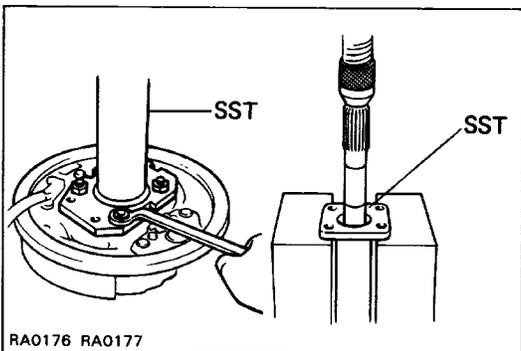
1. REMOVE WHEEL AND BRAKE DRUM
2. DISCONNECT BRAKE TUBE AND PARKING BRAKE CABLE
3. REMOVE FOUR BACKING PLATE MOUNTING NUTS
4. REMOVE REAR AXLE SHAFT FROM REAR AXLE HOUSING
5. REMOVE SNAP RING
6. REMOVE REAR AXLE SHAFT FROM BACKING PLATE

(a) Attach SST to the backing plate.

SST 09521-25011

(b) Press out the rear axle shaft from the backing plate.

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



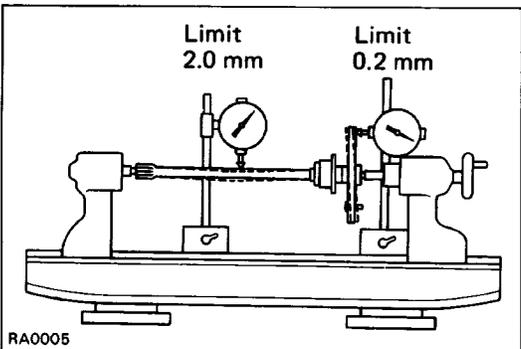
INSPECTION AND REPAIR OF REAR AXLE SHAFT COMPONENTS

1. INSPECT REAR AXLE SHAFT AND FLANGE FOR WEAR, DAMAGE OR RUNOUT

Maximum shaft runout: 2.0 mm (0.079 in.)

Maximum flange runout: 0.2 mm (0.008 in.)

If the rear axle shaft or flange is damaged or worn, or if runout is greater than maximum, replace the rear axle shaft.



2. INSPECT OUTER OIL SEAL

(a) Check for damage.

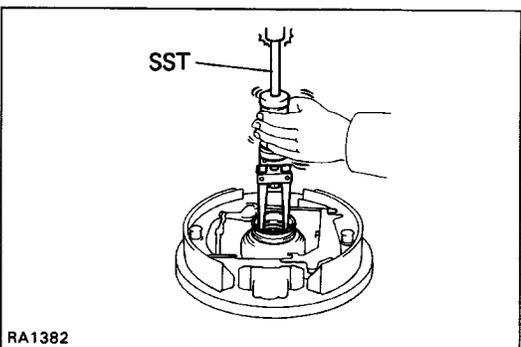
(b) Check the oil seal lip for wear or damage.

If necessary, replace the oil seal.

3. REMOVE OUTER OIL SEAL

Using SST, remove the oil seal.

SST 09308-00010



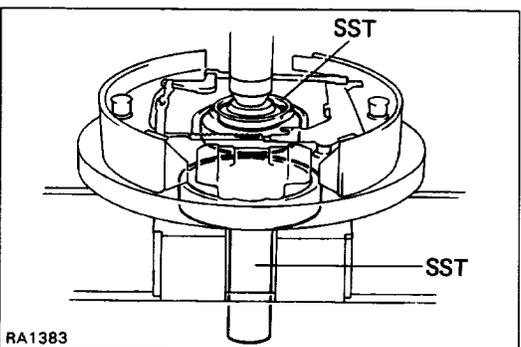
4. INSPECT REAR AXLE BEARING

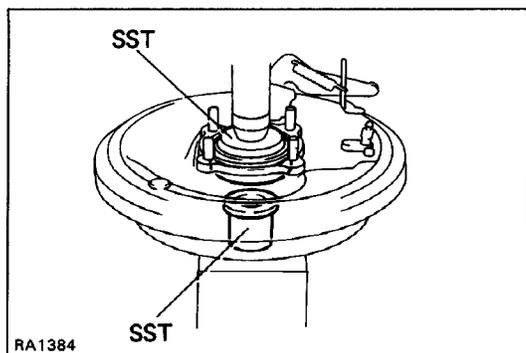
Check for wear or damage.

5. IF NECESSARY, REPLACE REAR AXLE BEARING

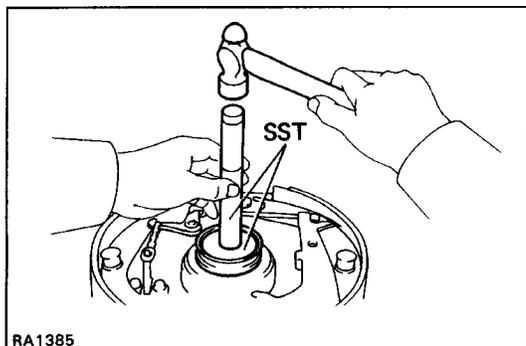
(a) Using SST, press out the bearing.

SST 09223-56010 and 09608-35014 (09608-06100)



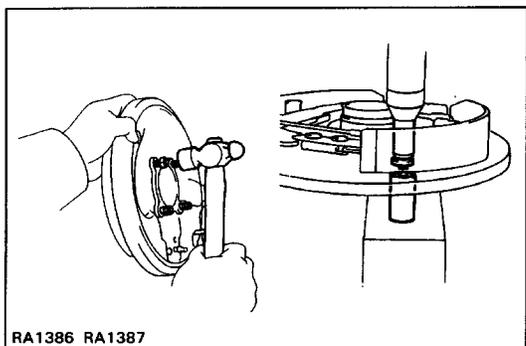


- (b) Using SST, press in a new bearing.
SST 09515-30010 and 09608-35014 (09608-06180)



6. INSTALL NEW OUTER OIL SEAL

- Using SST, tap in a new oil seal.
SST 09608-30012 (09608-04020, 09608-04070)

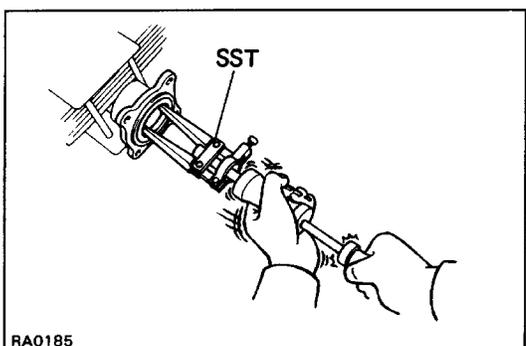


7. INSPECT BEARING CASE

Check for wear or damage.

8. IF NECESSARY, REPLACE BEARING CASE

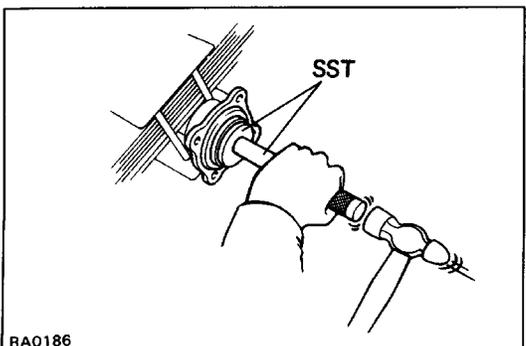
- Remove the oil seal and bearing.
- Install nuts to the serration bolts.
- Using a hammer, tap out the serration bolts and remove the bearing case.
- Position the backing plate on the new bearing case and, using two socket wrenches, press in the serration bolts.
- Install a new bearing and oil seal.

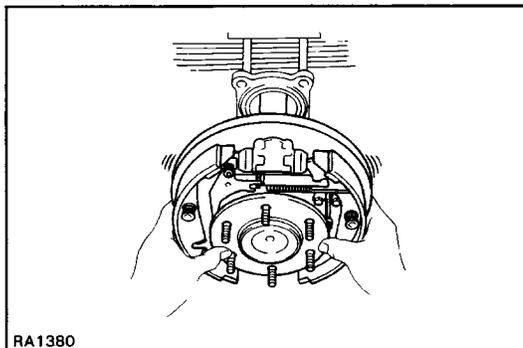
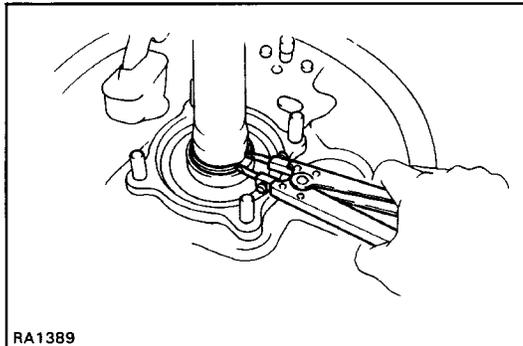
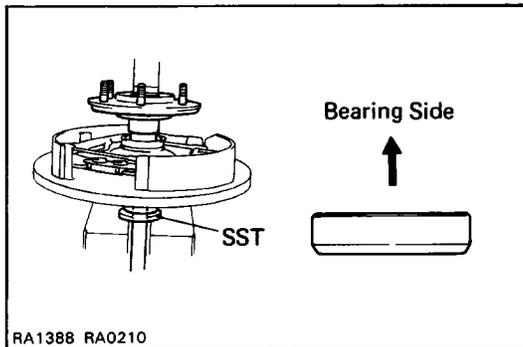


9. INSPECT OIL SEAL FOR WEAR OR DAMAGE

10. IF NECESSARY, REPLACE OIL SEAL

- Using SST, remove the oil seal.
SST 09308-00010
- Apply MP grease to the oil seal.
- Using SST, drive in a new oil seal.
SST 09608-30012 (09608-04020, 09608-04100)





INSTALLATION OF REAR AXLE SHAFT

(See page SA-123)

1. INSTALL REAR AXLE SHAFT IN BACKING PLATE

- (a) Apply MP grease to the oil seal lip.
- (b) Install the backing plate and bearing retainer on the rear axle shaft.
- (c) Using SST, press the rear axle shaft into the backing plate.
SST 09515-30010
- (d) Using snap ring pliers, install a new snap ring.

2. INSTALL REAR AXLE SHAFT INTO HOUSING

Install the rear axle with four nuts.

Torque: 59 N·m (700 kgf·cm, 51 ft·lbf)

HINT:

- Be careful not to damage the oil seal.
- When inserting the axle shaft, be careful not to hit or deform the oil deflector inside the axle housing.

3. CONNECT BRAKE TUBE AND PARKING BRAKE CABLE

4. INSTALL BRAKE DRUM AND WHEEL

5. BLEED BRAKE SYSTEM