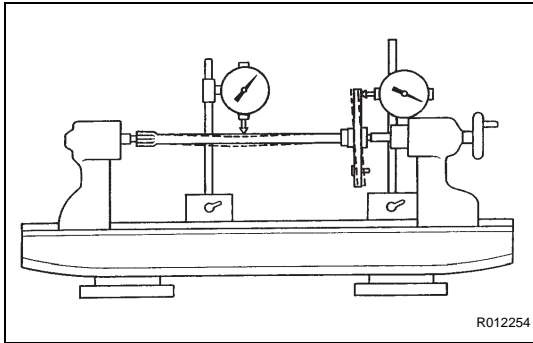


4. REMOVE BRAKE DRUM OIL DEFLECTOR

- (a) Remove the deflector and deflector gasket to the rear axle shaft.
- (b) Using SST, remove the 6 hub bolts.
SST 09650-17011



INSPECTION

1. INSPECT REAR AXLE SHAFT

- (a) Using a dial indicator, measure the rear axle shaft runout and flange runout.

Maximum runout:

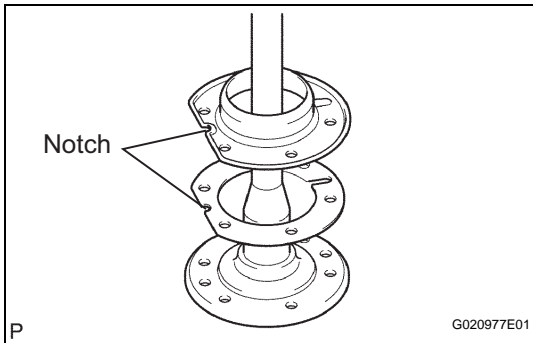
Shaft runout:

1.5 mm (0.0591 in.)

Flange runout:

0.05 mm (0.0020 in.)

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



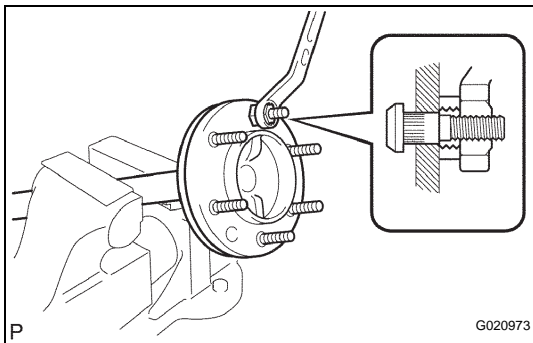
REASSEMBLY

1. INSTALL BRAKE DRUM OIL DEFLECTOR

- (a) Install a new deflector gasket and deflector onto the rear axle shaft.

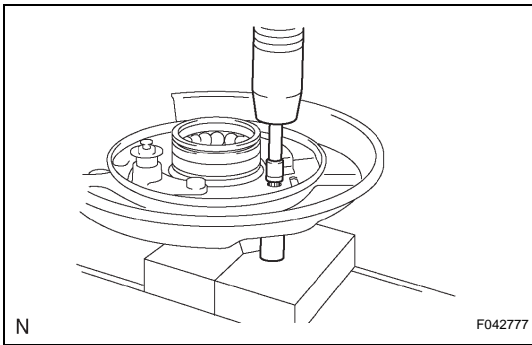
HINT:

Align the 2 notches.



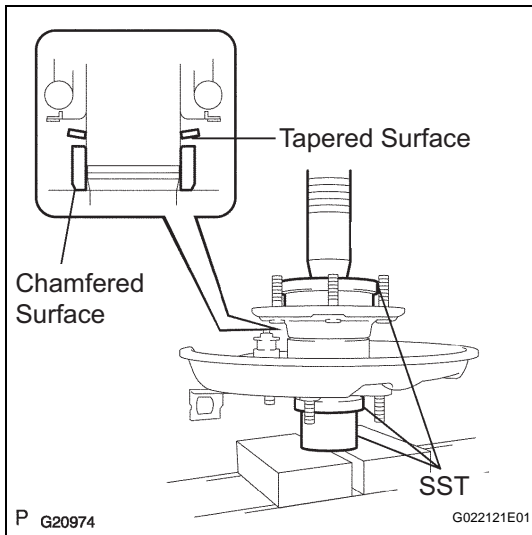
- (b) Install the washer and nut onto a new hub bolt, as shown in the illustration.

- (c) Install the hub bolt by tightening the nut.



2. INSTALL REAR AXLE HUB AND BEARING ASSEMBLY

- (a) Position the parking brake plate on a new rear axle hub and bearing assembly and install the 4 housing bolts using 2 socket wrenches and a press.



3. INSTALL REAR AXLE SHAFT

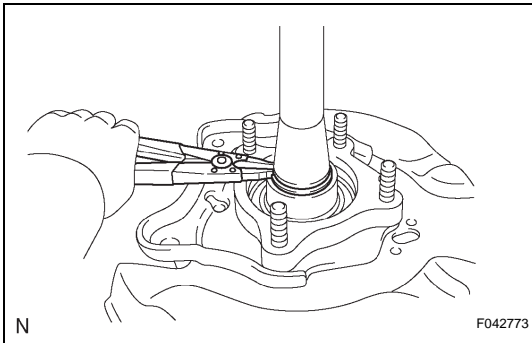
- (a) Install the washer and a new retainer onto the axle hub in the orientations shown in the illustration.

NOTICE:

- Install the washer with its tapered surface facing downward.
- Install the retainer with its chamfered surface facing downward.

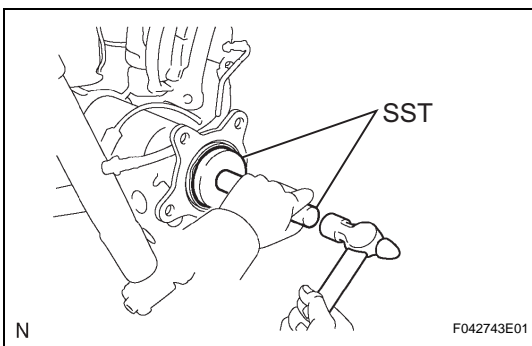
- (b) Using SST and a press, install the rear axle shaft onto the rear axle hub and bearing.

SST 09631-12090, 09726-40010, 09951-01100



4. INSTALL REAR AXLE SHAFT SNAP RING

- (a) Using a snap ring expander, install a new snap ring.



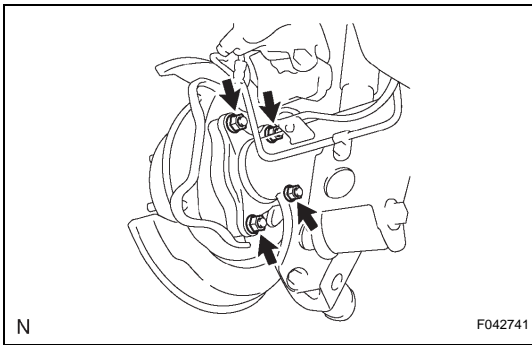
INSTALLATION

1. INSTALL REAR AXLE SHAFT OIL SEAL

- (a) Using SST and a hammer, install a new oil seal.
SST 09950-60020 (09951-00770), 09950-70010 (09951-07150)
- (b) Coat the lip of the oil seal with MP grease.

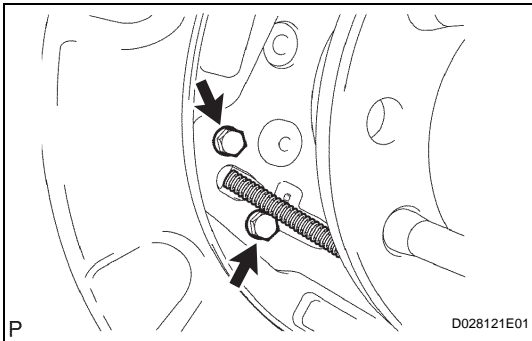
2. INSTALL REAR AXLE SHAFT

- (a) Coat a new O-ring with MP grease and install it.

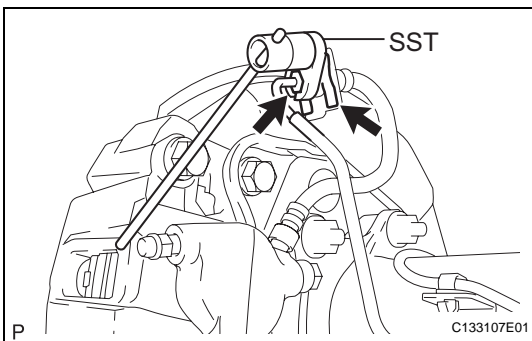
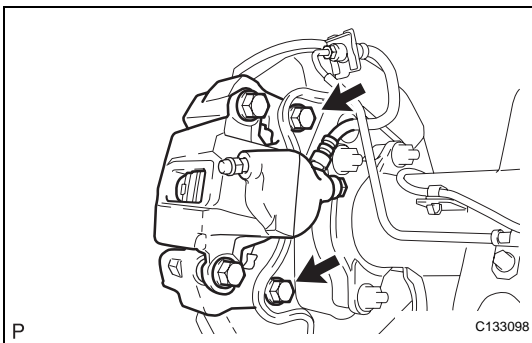


- (b) Install the rear axle shaft together with the parking brake plate with the 4 nuts.
Torque: 120 N*m (1,224 kgf*cm, 89 ft.*lbf)

3. **INSPECT REAR AXLE SHAFT BEARING** (See page [AH-2](#))
4. **INSTALL REAR SPEED SENSOR** (See page [BC-198](#))



5. **INSTALL PARKING BRAKE CABLE**
 - (a) Install the parking brake cable onto the parking brake plate with the 2 bolts.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)
6. **APPLY HIGH TEMPERATURE GREASE** (See page [PB-19](#))
7. **INSTALL PARKING BRAKE SHOE** (See page [PB-19](#))
8. **INSTALL PARKING BRAKE SHOE STRUT** (See page [PB-19](#))
9. **INSTALL PARKING BRAKE SHOE RETURN TENSION SPRING** (See page [PB-19](#))
10. **CHECK PARKING BRAKE INSTALLATION** (See page [PB-20](#))
11. **INSTALL REAR DISC** (See page [PB-20](#))
12. **ADJUST PARKING BRAKE SHOE CLEARANCE** (See page [PB-20](#))
13. **INSTALL REAR DISC BRAKE CALIPER ASSEMBLY**
 - (a) Install the disc brake caliper assembly with the 2 bolts and 2 washers.
Torque: 105 N*m (1,071 kgf*cm, 78 ft.*lbf)
 - (b) Install the flexible hose with a new clip.



- (c) Using SST, install the brake tube onto the flexible hose.
SST 09023-00101
Torque: for use without SST
15 N*m (155 kgf*cm, 11 ft.*lbf)
for use with SST
14 N*m (143 kgf*cm, 10 ft.*lbf)

HINT:

- Use a torque wrench with a fulcrum length of 300 mm (11.81 in.).
- This torque value is effective when SST is parallel to the torque wrench.

14. **INSTALL REAR WHEEL**
Torque: 112 N*m (1,137 kgf*cm, 82 ft.*lbf)
15. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
16. **INSPECT DIFFERENTIAL OIL** (See page [DF-3](#))
17. **CHECK FOR DIFFERENTIAL OIL LEAKAGE**
18. **FILL RESERVOIR WITH BRAKE FLUID** (See page [BR-5](#))
19. **BLEED BRAKE LINE** (See page [BR-5](#))
20. **CHECK FLUID LEVEL IN RESERVOIR** (See page [BR-7](#))
21. **CHECK FOR BRAKE FLUID LEAKAGE**
22. **INSPECT PARKING BRAKE LEVER TRAVEL** (See page [PB-4](#))
23. **ADJUST PARKING BRAKE LEVER TRAVEL** (See page [PB-4](#))
24. **CHECK VSC SENSOR SIGNAL**
(See page [BC-28](#))