

INSPECTION

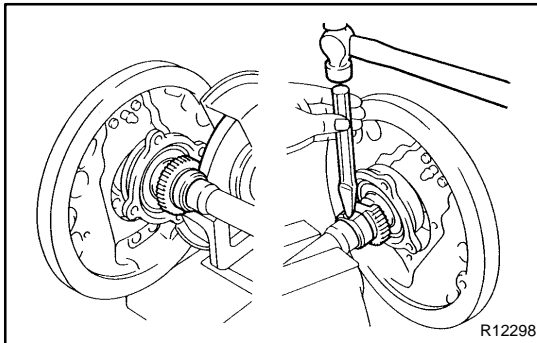
1. w/ ABS:

REMOVE BEARING RETAINER (DIFFERENTIAL SIDE) AND ABS SPEED SENSOR ROTOR

- (a) Attach the 4 nuts to the serration bolts, and using a hammer, remove the serration bolts from the backing plate.

NOTICE:

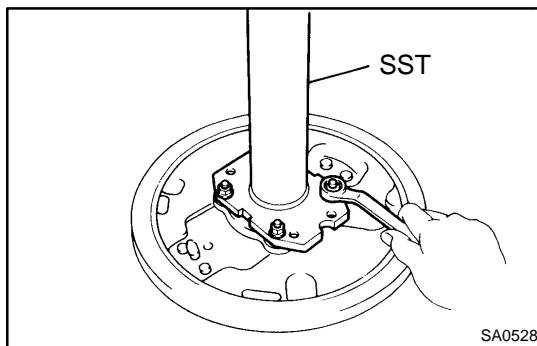
At the time of installation, do not reuse the nuts.



- (b) Grind the retainer and sensor rotor surfaces, then chisel them out.
 (c) Attach the washers and nuts to the serration bolts, then torque the nuts to install the serration bolts to the backing plate.
 (d) Remove the 4 nuts and washers from the serration bolts.

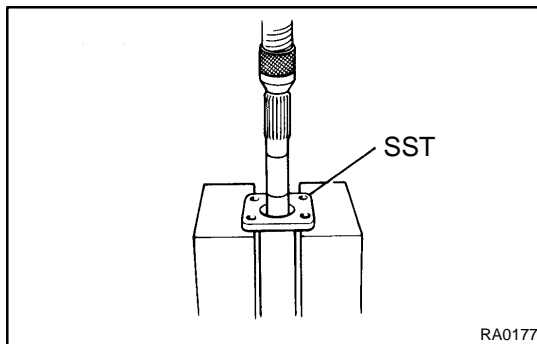
2. REMOVE SNAP RING FROM AXLE SHAFT

Using a snap ring expander, remove the snap ring.

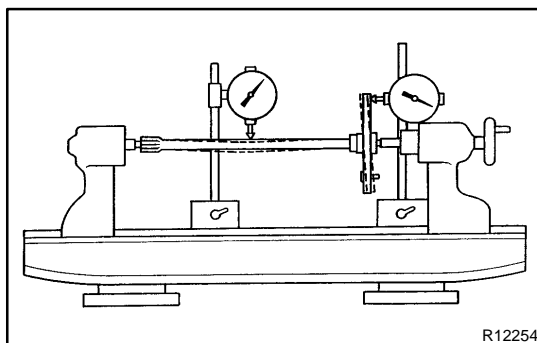


3. REMOVE REAR AXLE SHAFT FROM BACKING PLATE

- (a) Position SST on the backing plate with the 4 nuts.
 SST 09521-25011, 09521-25022



- (b) Using a press, remove the rear axle shaft and bearing retainer from the backing plate.
 (c) Remove the SST.
 SST 09521-25011, 09521-25022



4. INSPECT AXLE SHAFT

Using a dial indicator, measure the runout of the shaft and flange.

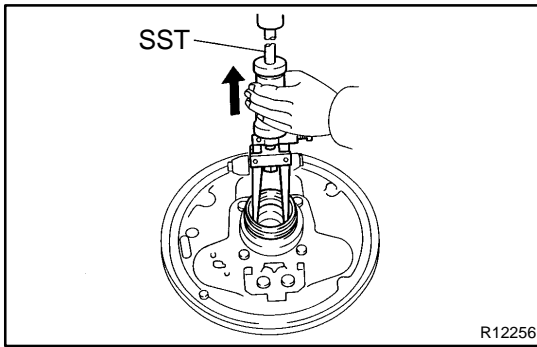
Maximum shaft runout: 2.0 mm (0.079 in.)

Maximum flange runout: 0.1 mm (0.004 in.)

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

5. INSPECT OIL SEAL (OUTER SIDE)

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



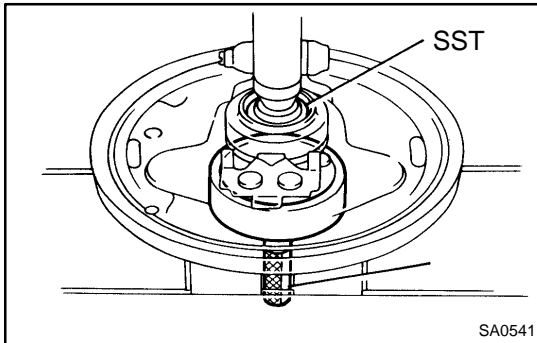
6. REMOVE OIL SEAL (OUTER SIDE)

Using SST, remove the oil seal.

SST 09308-00010

7. INSPECT REAR AXLE BEARING

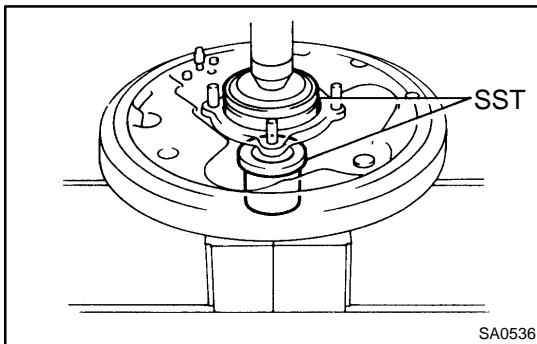
Check for wear or damage.



8. REPLACE REAR AXLE BEARING

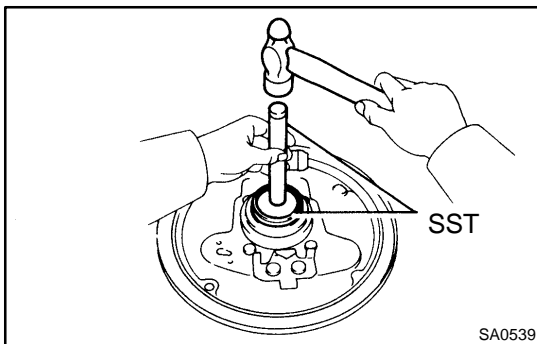
(a) Using SST and a press, remove the bearing.

SST 09223-56010, 09950-60010 (09951-00560)



(b) Using SST and a press, install a new bearing.

SST 09515-30010, 09950-60020 (09951-00890)



9. INSTALL NEW OIL SEAL (OUTER SIDE)

Using SST and a hammer, install a new oil seal.

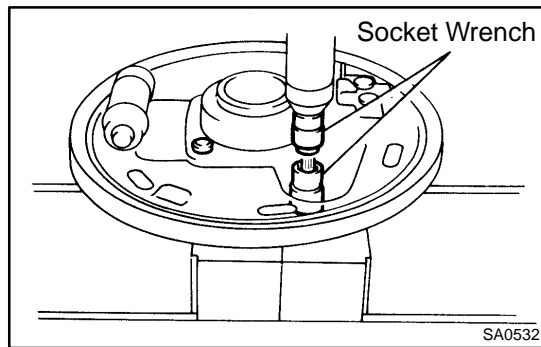
SST 09950-60010 (09951-00610),
09950-70010 (09951-07150)

10. INSPECT BEARING CASE

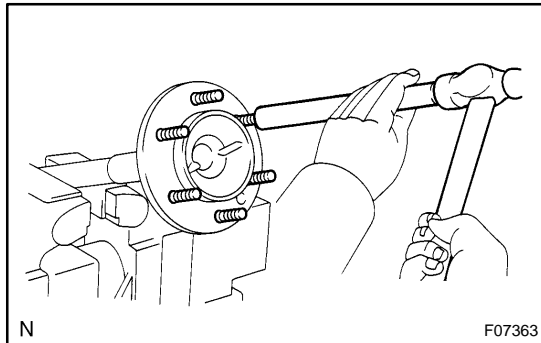
Check for wear or damage.

11. REPLACE BEARING CASE

- Remove the outer side oil seal (See step 5.).
- Remove the bearing (See step 6.).
- Remove the serration bolts (See step 1.).
- Remove the bearing case.



- (e) Position the backing plate on a new bearing case and using 2 socket wrenches and a press, install the serration bolts.
- (f) Install a new bearing (See step 6.).
- (g) Install a new outer side oil seal (See step 7.).

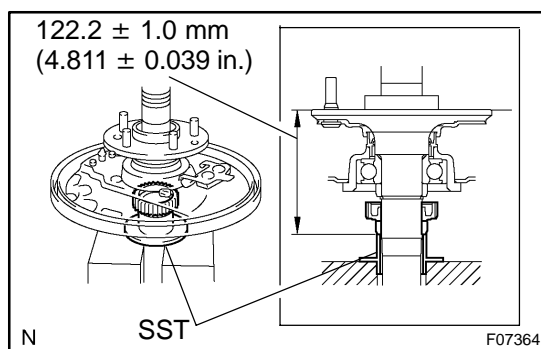
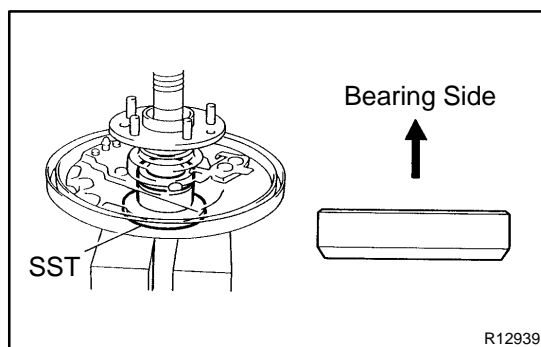


12. REPLACE OIL DEFLECTOR

- (a) Using a brass bar and hammer, remove the hub bolts, oil deflector and gasket.
- (b) Position a new gasket and oil deflector on the axle shaft and install a washer and nut to the hub bolt and install the hub bolt by torquing the nut.
- (c) Remove the nut and washer.

13. INSTALL REAR AXLE SHAFT IN BACKING PLATE

- (a) Coat the new outer side oil seal lip with MP grease.
- (b) Install the backing plate and bearing retainer on the rear axle shaft.
- (c) Using SST and a press, install the rear axle shaft into the backing plate.
SST 09316-60011 (09316-00051)
- (d) Using a snap ring expander, install a new snap ring.



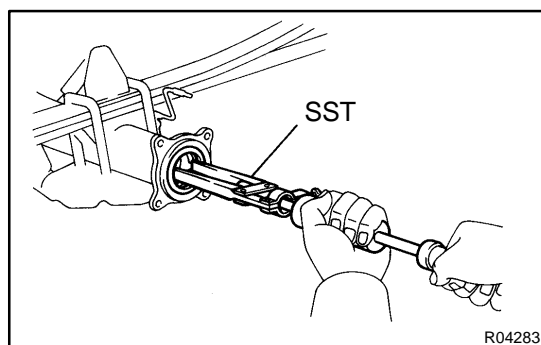
14. w/ ABS:

INSTALL ABS SPEED SENSOR ROTOR AND BEARING RETAINER (DIFFERENTIAL SIDE)

Using SST and a press, install a new sensor rotor and new bearing retainer to the axle shaft.

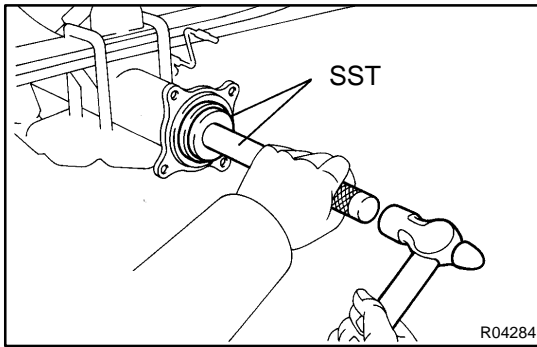
SST 09316-60011 (09316-00051)

Standard length: 122.2 ± 1.0 mm (4.811 ± 0.039 in.)



15. REPLACE OIL SEAL (INNER SIDE)

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



- (b) Using SST and a hammer, install a new oil seal.
SST 09950-60020 (09951-00710),
09950-70010 (09951-07150)
- (c) Coat a new oil seal lip with MP grease.