

INSPECTION

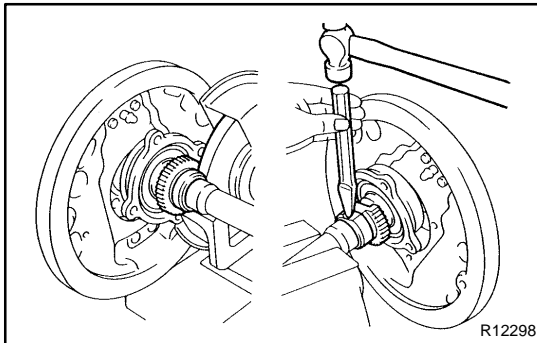
1. w/ ABS:

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

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

NOTICE:

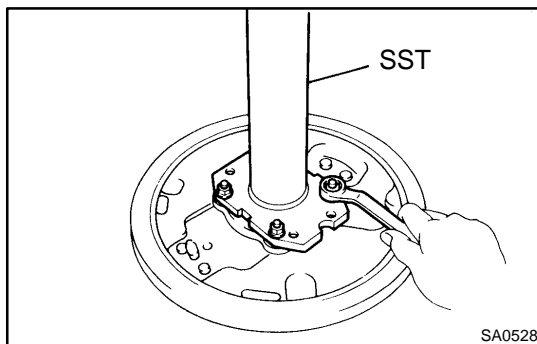
Do not reuse the nuts previously removed from the vehicle.



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

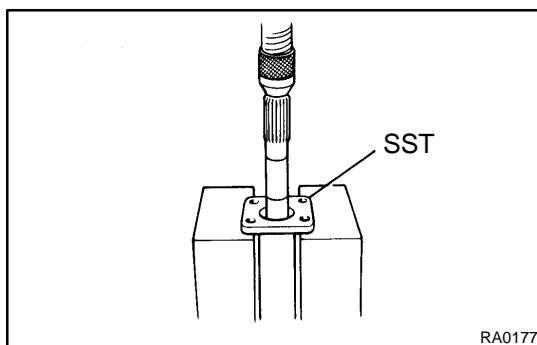
2. REMOVE SNAP RING FROM AXLE SHAFT

Using a snap ring expander, remove the snap ring.

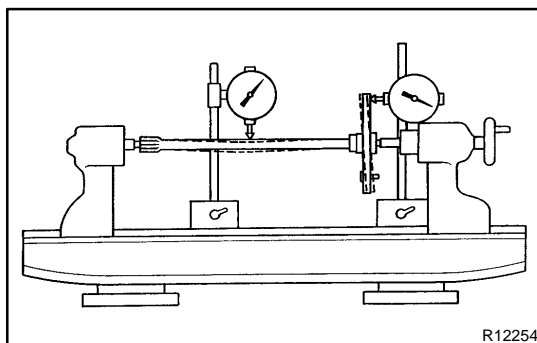


3. REMOVE REAR AXLE SHAFT FROM BACKING PLATE

- (a) Position SST on the backing plate with the 4 nuts.
SST 09521-2501 1



- (b) Using a press, remove the rear axle shaft with the bearing retainer from the backing plate.
- (c) Remove the SST.
SST 09521-2501 1



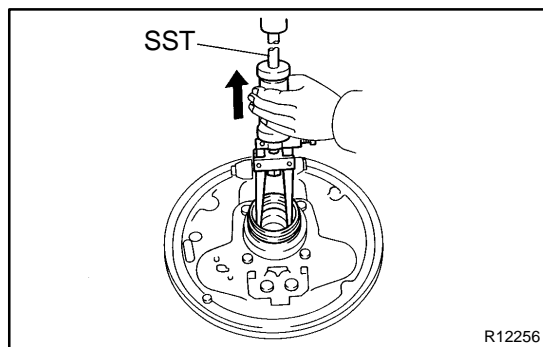
4. INSPECT AXLE SHAFT

Maximum runout:

Shaft runout: 2.0 mm (0.079 in.)

Flange runout: 0.1 mm (0.004 in.)

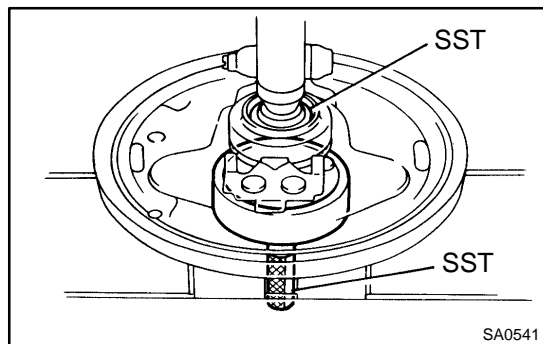
If the rear axle shaft or flange are damaged or worn, or if runout is greater than the maximum, replace the rear axle shaft.



5. REMOVE OUTER OIL SEAL

Using SST, remove the oil seal.

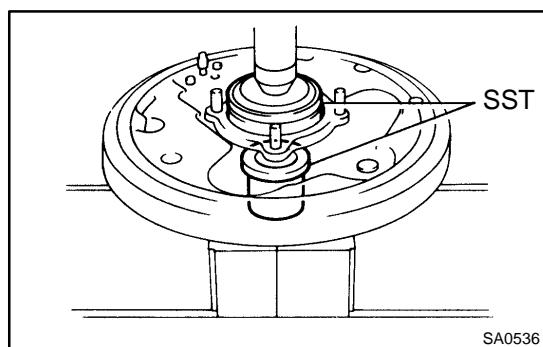
SST 09308-00010



6. REPLACE REAR AXLE BEARING

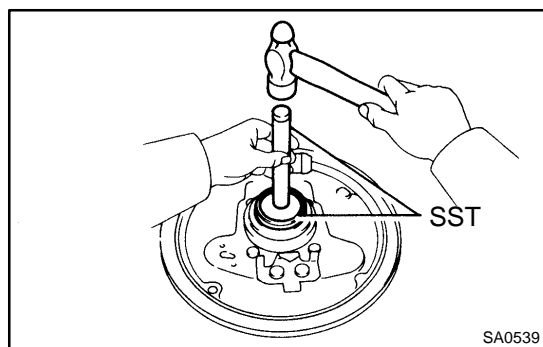
(a) Using SST, remove the bearing.

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



(b) Using SST, install a new bearing.

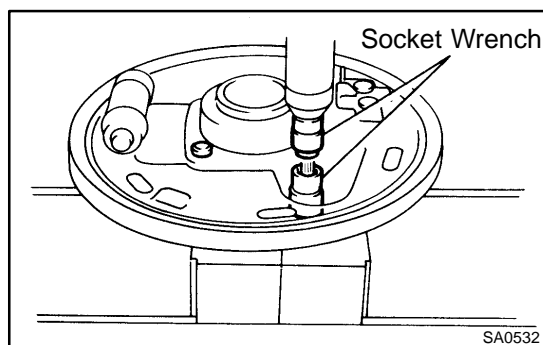
SST 09515-30010, 09950-60020 (09951-00890)



7. INSTALL NEW OUTER OIL SEAL

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

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



8. REPLACE BEARING CASE

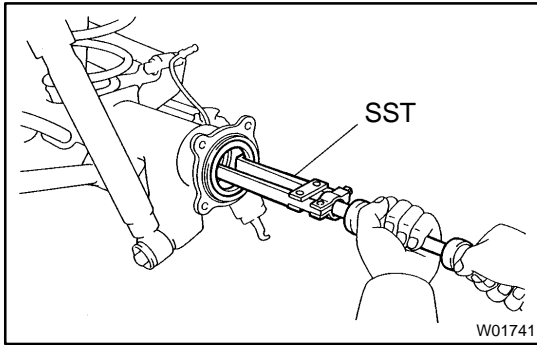
(a) Remove the oil seal (outer side) and bearing.

(b) Install 4 nuts to the serration bolts.

(c) Using a hammer, remove the 4 serration bolts and remove the bearing case.

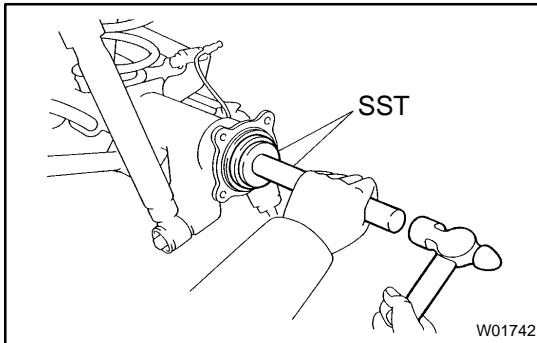
(d) Position the backing plate on a new bearing case and, using 2 socket wrenches, install the 4 serration bolts.

(e) Install a new bearing and oil seal (outer side).

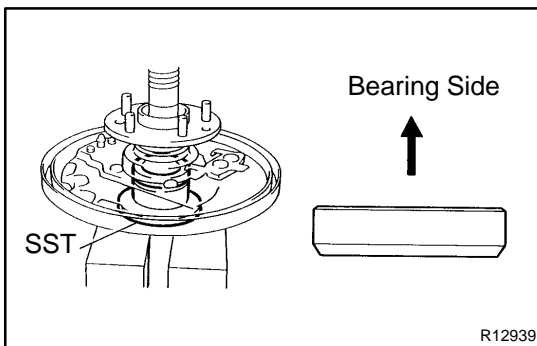


9. REPLACE OIL SEAL (INNER SIDE)

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

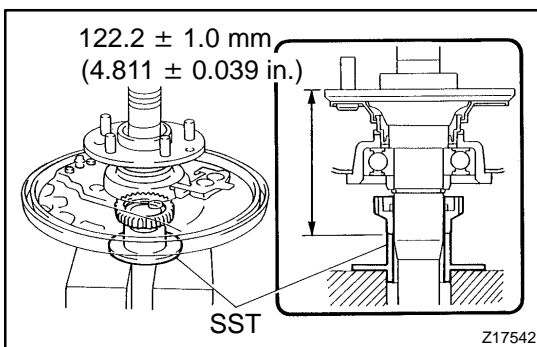


- (b) Using SST and a hammer, install a new oil seal.
SST 09950-60020 (09951-00710),
09950-70010 (09951-07150)
(c) Apply MP grease to the oil seal lip.



10. 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 and a press, install the rear axle shaft into the backing plate.
SST 09316-60010 (09316-00051)
(d) Using snap ring pliers, install a new snap ring.



11. 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 09316-60010 (09316-00051)

Standard length:

122.2 ± 1.0 mm (4.811 ± 0.039 in.)