

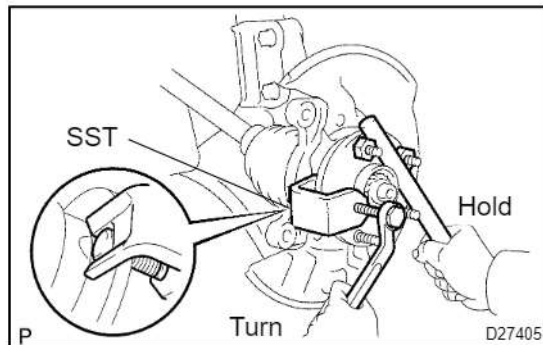
FRONT AXLE LH HUB BOLT REPLACEMENT

300A5-02

HINT:

COMPONENTS: See page 30-16

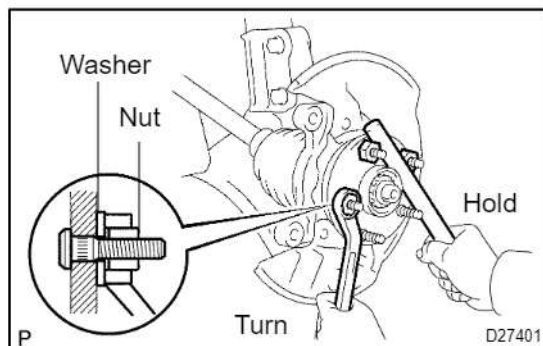
1. REMOVE FRONT WHEEL
2. SEPARATE FRONT DISC BRAKE CALIPER ASSY LH (See page 30-17)
3. REMOVE FRONT DISC



4. REMOVE FRONT AXLE LH HUB BOLT

- (a) Using SST and a hammer handle or an equivalent, remove the LH hub bolt.

SST 09628-10011



5. INSTALL FRONT AXLE LH HUB BOLT

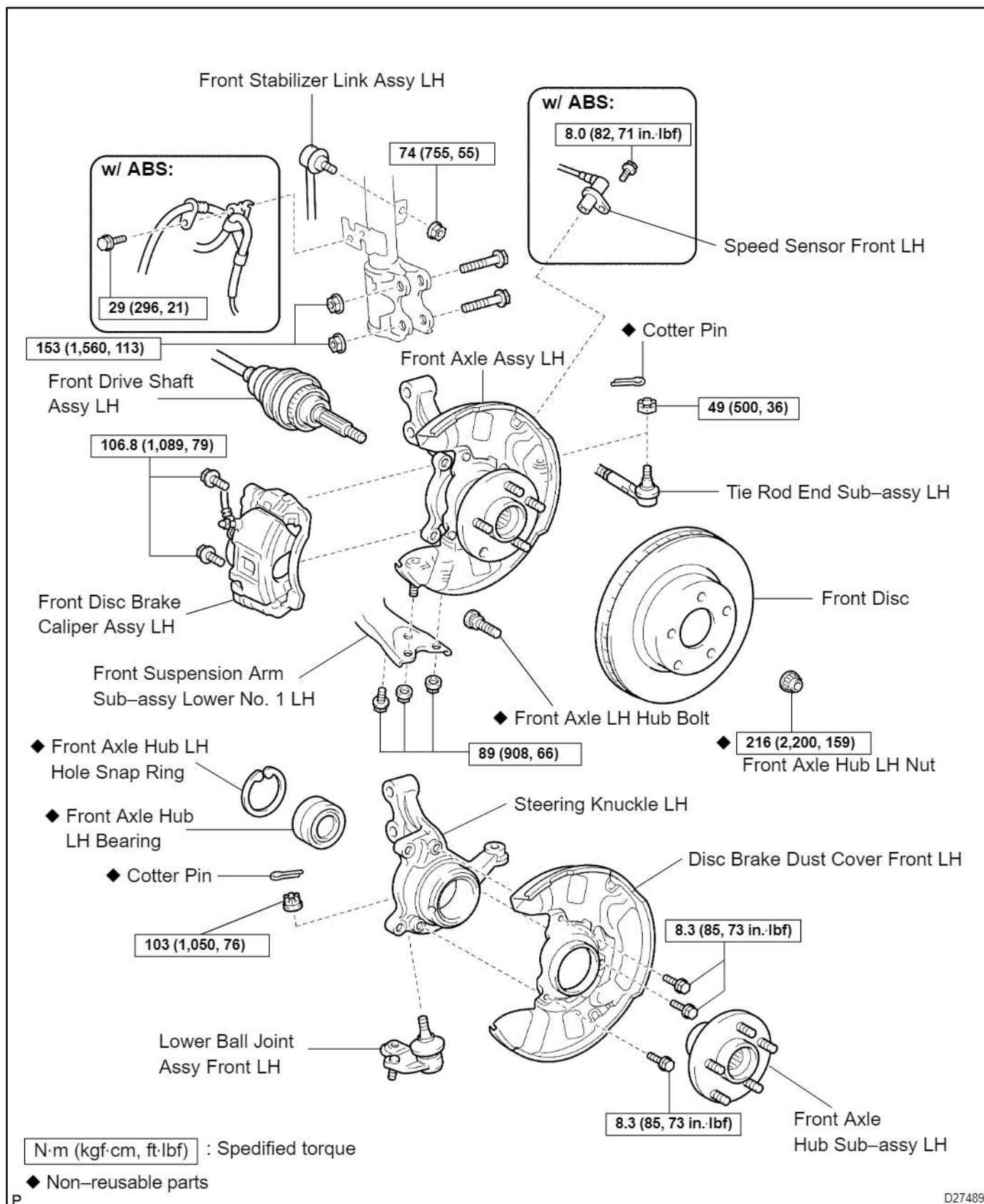
- (a) Install a washer and nut to a new LH hub bolt as shown in the illustration.
- (b) Using a hammer handle or an equivalent to hold the hub sub-assy LH, install the LH hub bolt by tightening the nut.

6. INSTALL FRONT DISC
 7. INSTALL FRONT DISC BRAKE CALIPER ASSY LH (See page 30-17)
 8. INSTALL FRONT WHEEL
- Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

FRONT AXLE HUB SUB-ASSY LH

COMPONENTS

306A3-02



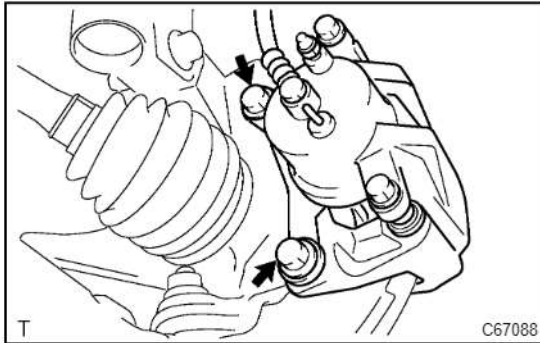
D27489

REPLACEMENT

HINT:

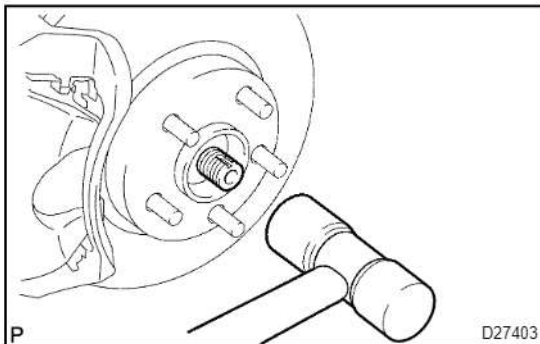
COMPONENTS: See page 30-16

1. **REMOVE FRONT WHEEL**
2. **REMOVE FRONT AXLE HUB LH NUT (See page 30-6)**
SST 09930-00010
3. **SEPARATE FRONT STABILIZER LINK ASSY LH (See page 30-6)**
4. **SEPARATE SPEED SENSOR FRONT LH (W/ ABS) (See page 30-6)**



5. **SEPARATE FRONT DISC BRAKE CALIPER ASSY LH**
(a) Remove the 2 bolts, separate the brake caliper assy LH from the steering knuckle.

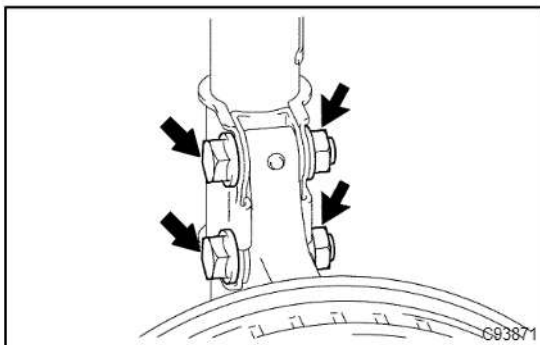
6. **REMOVE FRONT DISC**
7. **SEPARATE TIE ROD END SUB-ASSY LH (See page 30-6)**
SST 09628-62011
8. **SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH (See page 30-6)**



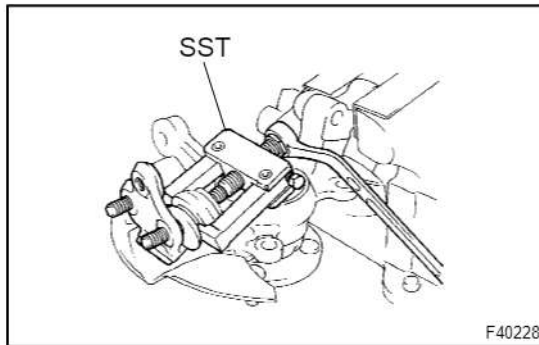
9. **REMOVE FRONT AXLE ASSY LH**
(a) Using a plastic hammer, separate the front drive shaft assy LH from the axle hub.

NOTICE:

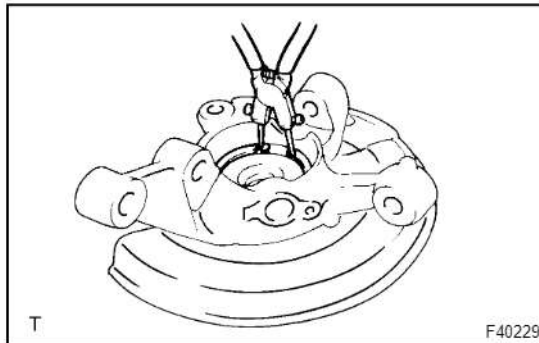
- **Be careful not to damage the boot.**
- **w/ ABS:**
Be careful not to damage the speed sensor rotor.



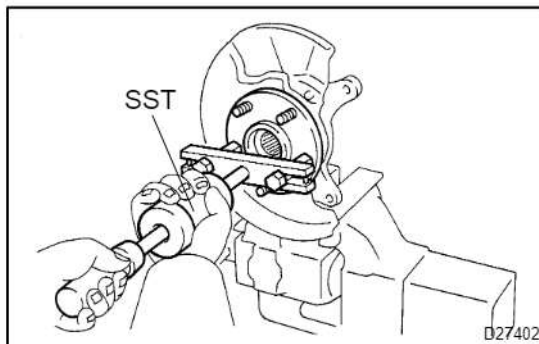
- (b) Remove the 2 bolts, nuts and front axle assy LH.

**10. REMOVE LOWER BALL JOINT ASSY FRONT LH**

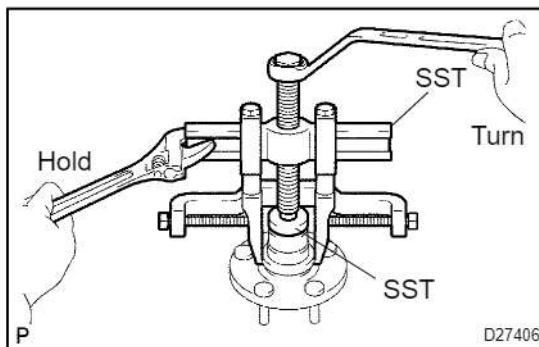
- (a) Remove the cotter pin and nut.
- (b) Using SST, remove the lower ball joint assy front LH.
SST 09628-62011

**11. REMOVE FRONT AXLE HUB LH HOLE SNAP RING**

- (a) Using a snap ring pliers, remove the LH hole snap ring.

**12. REMOVE FRONT AXLE HUB SUB-ASSY LH**

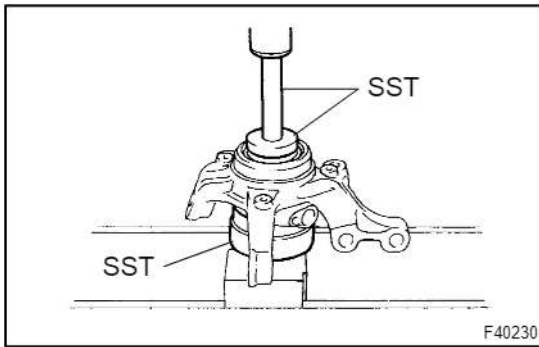
- (a) Using SST, remove the hub sub-assy LH.
SST 09520-00031



- (b) Using SST, remove the inner race of hub LH bearing from the hub sub-assy LH.
SST 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04010, 09955-04061, 09957-04010, 09958-04011), 09950-60010 (09951-00370)

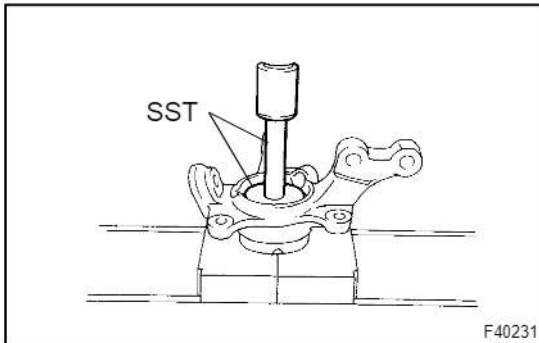
13. REMOVE DISC BRAKE DUST COVER FRONT LH

- (a) Remove the 3 bolts and dust cover front LH.

**14. REMOVE FRONT AXLE HUB LH BEARING**

- (a) Place the inner race of hub LH bearing on the outer race of hub LH bearing.
- (b) Using SST and a press, remove the hub LH bearing from the steering knuckle.

SST 09527-17011, 09950-60010 (09951-00640),
09950-70010 (09951-07100)

**15. INSTALL FRONT AXLE HUB LH BEARING**

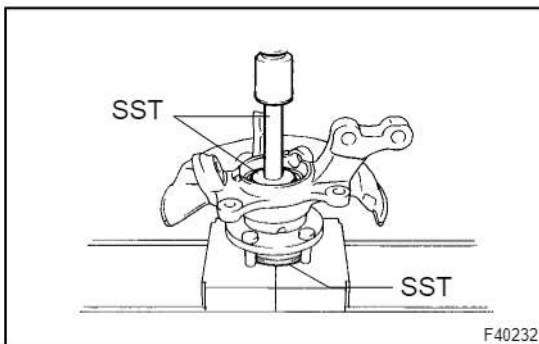
- (a) Using SST and a press, install a new hub LH bearing to the steering knuckle.

SST 09950-60020 (09951-00720), 09950-70010
(09951-07100)

16. INSTALL DISC BRAKE DUST COVER FRONT LH

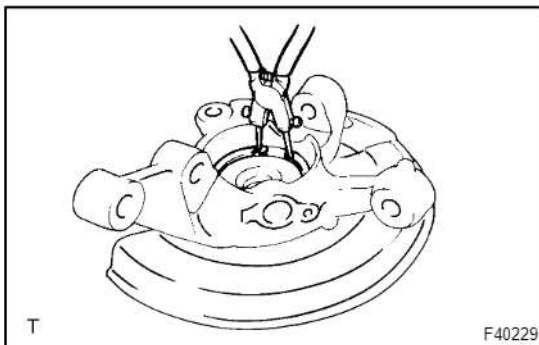
- (a) Install the dust cover front LH with the 3 bolts.

Torque: 8.3 N·m (85 kgf·cm, 73 in·lbf)

**17. INSTALL FRONT AXLE HUB SUB-ASSY LH**

- (a) Using SST and a press, install the hub sub-assy LH.

SST 09608-32010, 09950-60010 (09951-00600),
09950-70010 (09951-07100)

**18. INSTALL FRONT AXLE HUB LH HOLE SNAP RING**

- (a) Using snap ring pliers, install a new LH hole snap ring.

19. INSTALL LOWER BALL JOINT ASSY FRONT LH

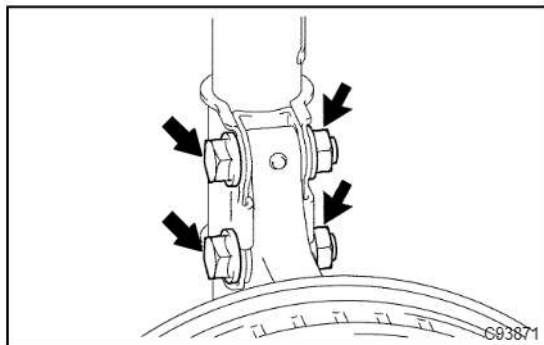
- (a) Install the lower ball joint assy front LH, torque the nut.

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

- (b) Install a new cotter pin.

NOTICE:

If the holes for the cotter pin are not aligned, tighten the nut further up to 60°.

**20. INSTALL FRONT AXLE ASSY LH**

- (a) Install the 2 bolts, nuts and front axle assy LH to the shock absorber.

Torque: 153 N·m (1,560 kgf·cm, 113 ft·lbf)

NOTICE:

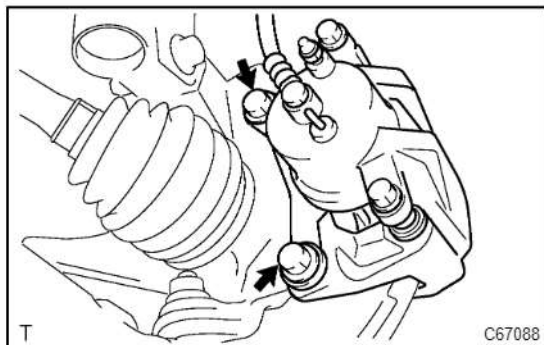
Only when reusing the bolts and nuts, apply engine oil to the screw part of the nuts.

- (b) Push the front axle assy toward the outside of the vehicle, fit the splined part of the drive shaft assy to that of the front axle assy, insert the drive shaft assy into the front axle assy.

NOTICE:

- Do not push out the front axle assy excessively.
- Be careful not to damage the drive shaft outboard joint boot.
- w/ ABS:

Be careful not to damage the speed sensor rotor.

21. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH (See page 30-6)**22. INSTALL TIE ROD END SUB-ASSY LH (See page 30-6)****23. INSTALL FRONT STABILIZER LINK ASSY LH (See page 30-6)****24. INSTALL FRONT DISC****25. INSTALL FRONT DISC BRAKE CALIPER ASSY LH**

- (a) Install the brake caliper assy LH with the 2 bolts to the steering knuckle.

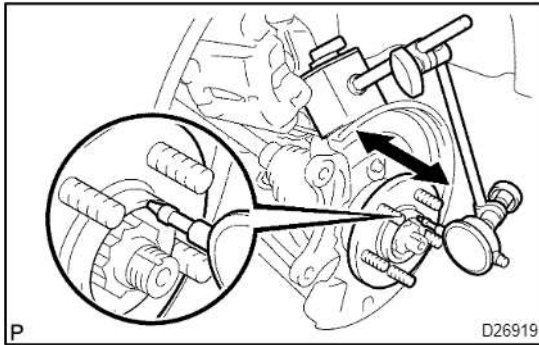
Torque: 106.8 N·m (1,089 kgf·cm, 79 ft·lbf)

26. INSTALL FRONT AXLE HUB LH NUT

- (a) Using a socket wrench (30 mm), install a new hub LH nut.

Torque: 216 N·m (2,203 kgf·cm, 159 ft·lbf)

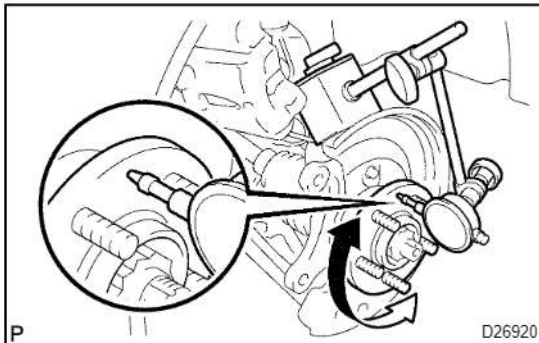
27. SEPARATE FRONT DISC BRAKE CALIPER ASSY LH**28. REMOVE FRONT DISC**

**29. INSPECT BEARING BACKLASH**

- (a) Using a dial indicator, check the backlash near the center of the axle hub.

Maximum: 0.05 mm (0.0020 in.)

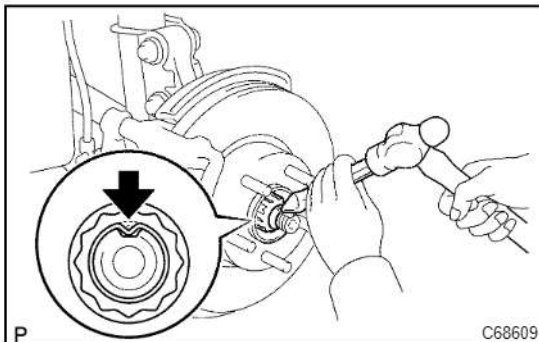
If the backlash exceeds the maximum, replace the front axle hub bearing.

**30. INSPECT AXLE HUB DEVIATION**

- (a) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.

Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the front axle hub sub-assy.

31. INSTALL FRONT DISC**32. INSTALL FRONT DISC BRAKE CALIPER ASSY LH****33. INSTALL SPEED SENSOR FRONT LH (W/ ABS) (See page 30-6)****34. INSTALL FRONT AXLE HUB LH NUT**

- (a) Using a chisel and a hammer, stake the hub LH nut.

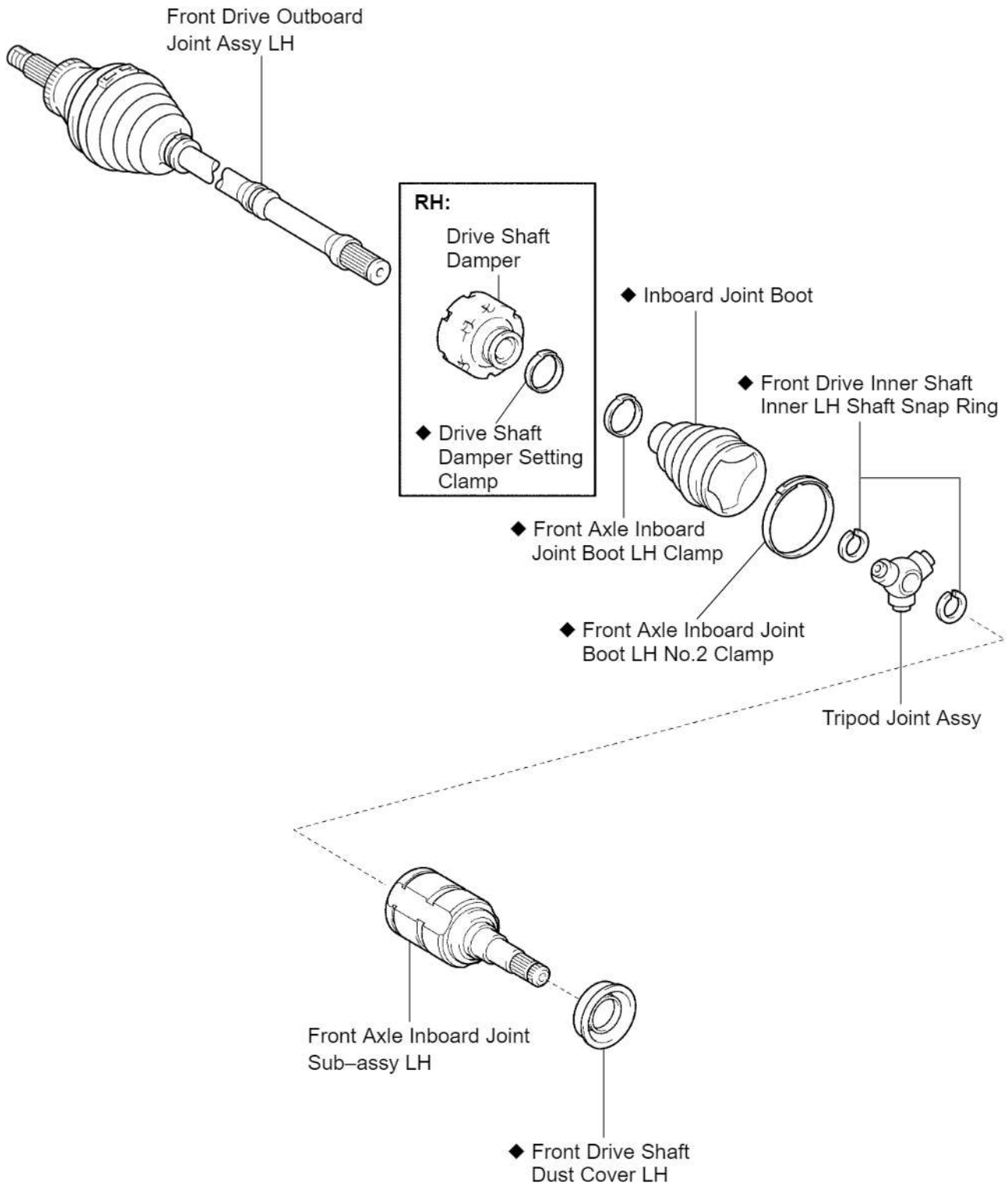
35. INSTALL FRONT WHEEL

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

36. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page 26-5)**37. CHECK ABS SPEED SENSOR SIGNAL (W/ ABS) (See page 05-297)**

305A1-02





◆ Non-reusable parts

P

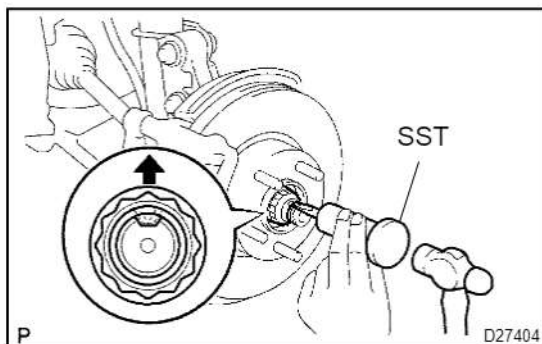
D26924

OVERHAUL

HINT:

COMPONENTS: See page 30-4

1. **DRAIN MANUAL TRANSAXLE OIL (M/T TRANSAXLE)**
Torque: 39.2 N·m (400 kgf·cm, 29 ft·lbf)
2. **DRAIN AUTOMATIC TRANSAXLE FLUID (A/T TRANSAXLE)**
Torque: 17.5 N·m (178 kgf·cm, 13 ft·lbf)
3. **REMOVE FRONT WHEEL**
4. **REMOVE ENGINE UNDER COVER LH**

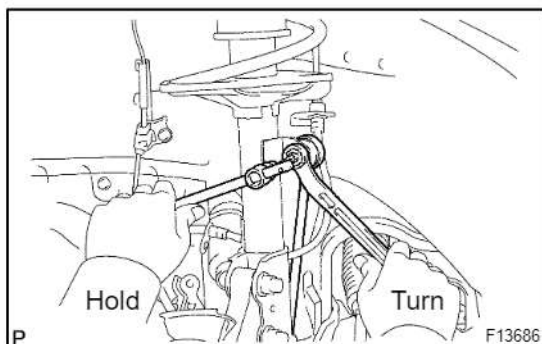


5. REMOVE FRONT AXLE HUB LH NUT

- (a) Using SST and a hammer, unstack the staked part of the hub LH nut.
SST 09930-00010
- (b) While applying the brakes, remove the hub LH nut.

NOTICE:

Loosen the staked part of the nut completely, otherwise the screw of the drive shaft may be damaged.

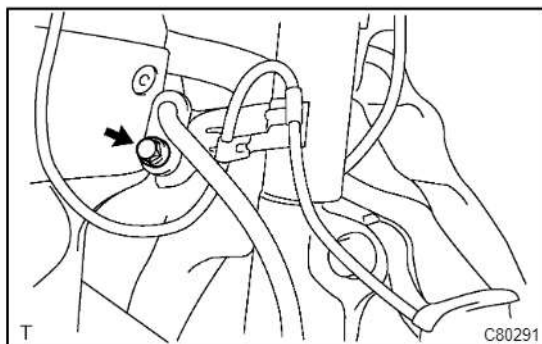


6. SEPARATE FRONT STABILIZER LINK ASSY LH

- (a) Remove the nut, separate the front stabilizer link assy LH from the shock absorber assy front LH.

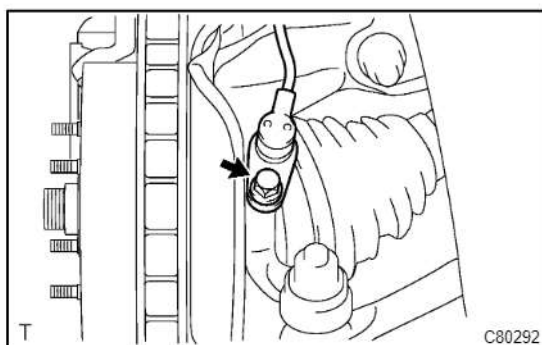
HINT:

If the ball joint turns together with the nut, use a hexagon wrench (6 mm) to hold the stud.

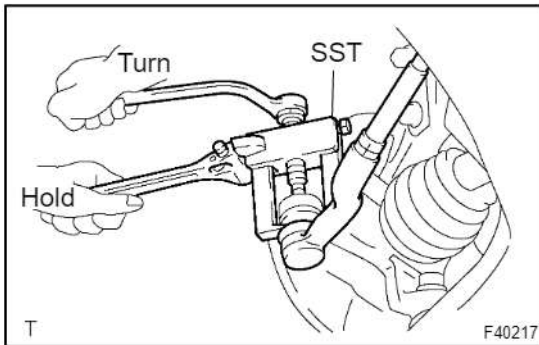


7. SEPARATE SPEED SENSOR FRONT LH (W/ ABS)

- (a) Remove the bolt, separate the speed sensor front LH and flexible hose from the shock absorber assy front LH.

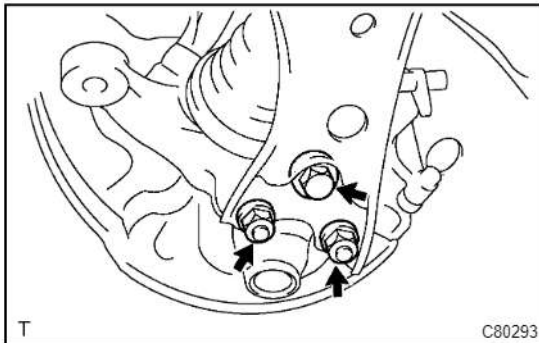


- (b) Remove the bolt, separate the speed sensor front LH from the steering knuckle.

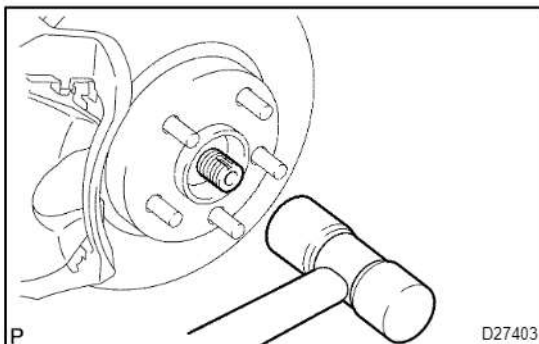
**8. SEPARATE TIE ROD END SUB-ASSY LH**

- Remove the cotter pin and nut.
- Using SST, separate the tie rod end sub-assy LH from the steering knuckle.

SST 09628-62011

**9. SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH**

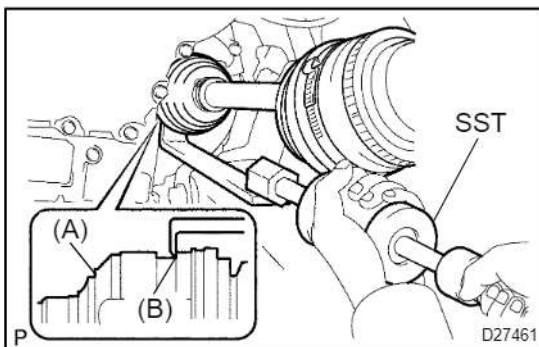
- Remove a bolt and 2 nuts, separate the front suspension arm sub-assy lower No.1 LH from the lower ball joint.

**10. SEPARATE FRONT AXLE ASSY LH**

- Using a plastic hammer, separate the front drive shaft assy LH from the front axle assy LH.

NOTICE:

- Be careful not to damage the boot.
- w/ ABS:
Be careful not to damage the speed sensor rotor.

**11. REMOVE FRONT DRIVE SHAFT ASSY LH**

- Using SST, remove the front drive shaft assy LH.
SST 09520-01010, 09520-24010 (09520-32040)

NOTICE:**Be careful not to damage the dust cover and oil seal.****HINT:**

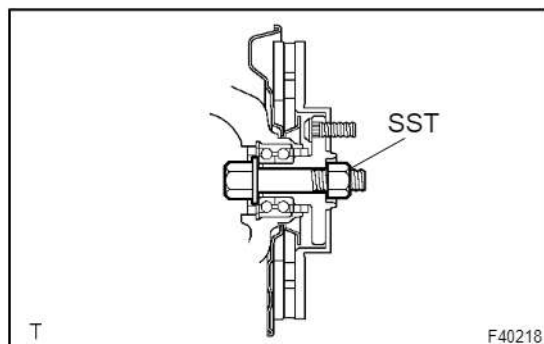
In case of not being able to remove the drive shaft at the position of the illustration (A), hook the claw of SST to the position of the illustration (B), remove it.

12. REMOVE FRONT DRIVE SHAFT ASSY RH**HINT:**

Remove the RH side by the same procedures as the LH side.

NOTICE:

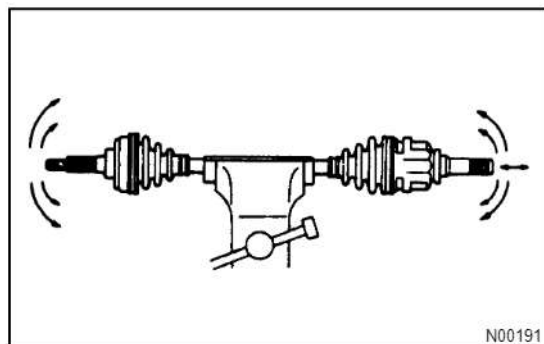
Be careful not to damage the dust cover and oil seal.

**13. FIX FRONT AXLE ASSY LH****NOTICE:**

The hub bearing could be damaged if it is subjected to the vehicle weight, such as when moving the vehicle with the drive shaft removed.

Therefore, make sure to support the hub bearing with SST when the vehicle weight is applied.

SST 09608-16042 (09608-02021, 09608-02041)

**14. INSPECT FRONT DRIVE SHAFT ASSY LH**

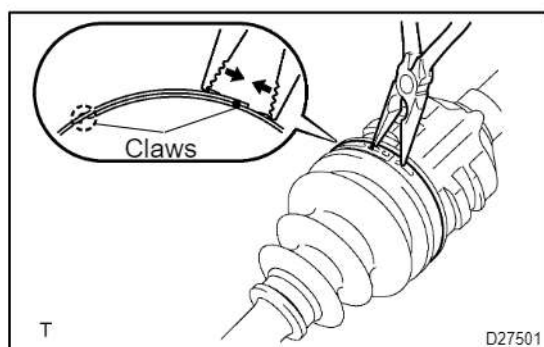
- (a) Check that there is no remarkable play in the outboard joint.
- (b) Check that the inboard joint slides smoothly in the thrust direction.
- (c) Check that there is no remarkable play in the radial direction of the inboard joint.
- (d) Check the boots for damage.

NOTICE:

Keep the drive shaft assy level during inspection.

15. REMOVE FRONT AXLE INBOARD JOINT BOOT LH NO.2 CLAMP

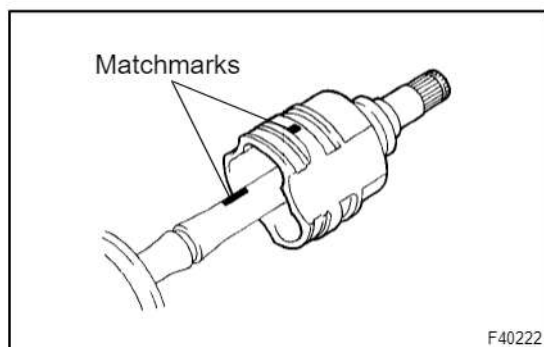
- (a) Using a needle nose pliers, remove the inboard joint boot LH No.2 clamp as shown in the illustration.

**16. REMOVE FRONT AXLE INBOARD JOINT BOOT LH CLAMP**

- (a) Using a side cutter, cut the inboard joint boot LH clamp, then remove it.

17. SEPARATE INBOARD JOINT BOOT

- (a) Separate the inboard joint boot from the inboard joint sub-assy LH.

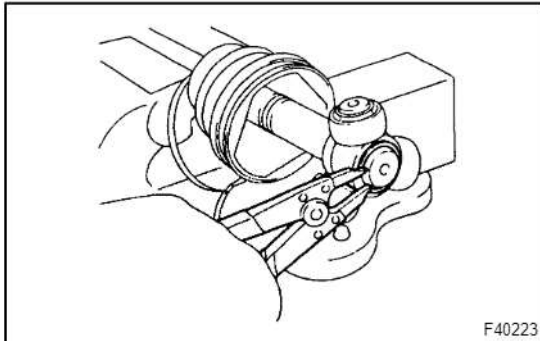
**18. REMOVE FRONT AXLE INBOARD JOINT SUB-ASSY LH**

- (a) Remove the old grease from the inboard joint sub-assy LH.
- (b) Place matchmarks on the inboard joint sub-assy LH and outboard joint shaft assy.

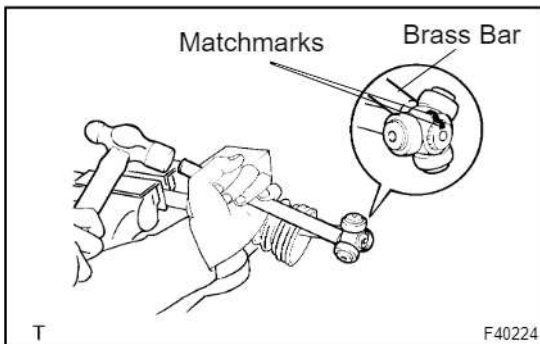
NOTICE:

Do not punch the marks.

- (c) Remove the inboard joint sub-assy LH from the outboard joint shaft assy.



- (d) Using a snap ring expander, remove the inner LH shaft snap ring.



- (e) Place matchmarks on the outboard joint shaft assy and tripod joint assy.

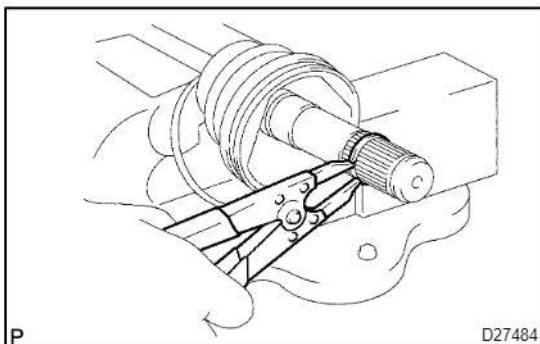
NOTICE:

Do not punch the marks.

- (f) Using a brass bar and a hammer, remove the tripod joint assy from the outboard joint shaft assy.

NOTICE:

Do not tap the roller.

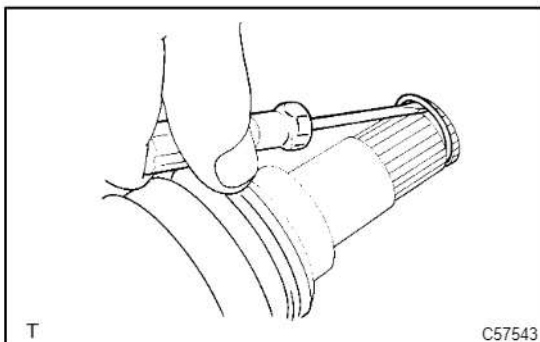


- (g) Using a snap ring expander, remove the inner LH shaft snap ring.

- (h) Remove the inboard joint boot LH No.2 clamp, inboard joint boot and inboard joint boot LH clamp.

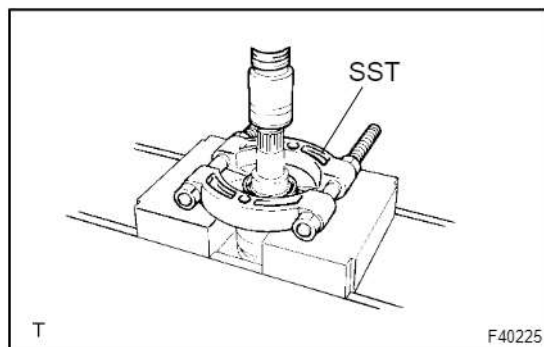
19. REMOVE DRIVE SHAFT DAMPER (RH DRIVE SHAFT)

- (a) Using a side cutter, cut the drive shaft damper setting clamp, then remove it.
 (b) Remove the drive shaft damper.



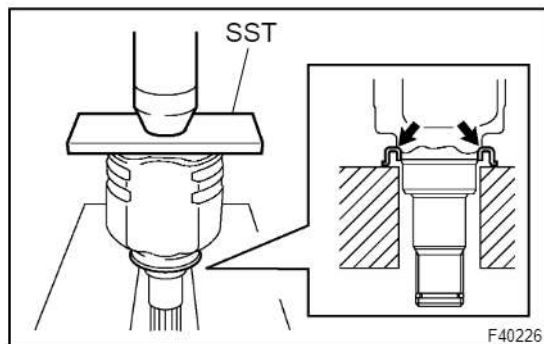
20. REMOVE FRONT DRIVE SHAFT LH HOLE SNAP RING

- (a) Using a screwdriver, remove the LH hole snap ring.



21. REMOVE FRONT DRIVE SHAFT DUST COVER LH

- (a) Using SST and a press, remove the dust cover LH.
SST 09950-00020



22. INSTALL FRONT DRIVE SHAFT DUST COVER LH

- (a) Using SST and a press, install a new dust cover LH, as shown in the illustration.

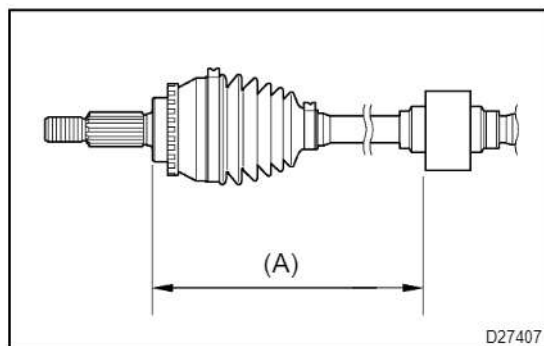
SST 09527-10011

NOTICE:

- Dust cover should be installed completely.
- Be careful not to damage the dust cover.

23. INSTALL FRONT DRIVE SHAFT LH HOLE SNAP RING

- (a) Install a new LH hole snap ring.

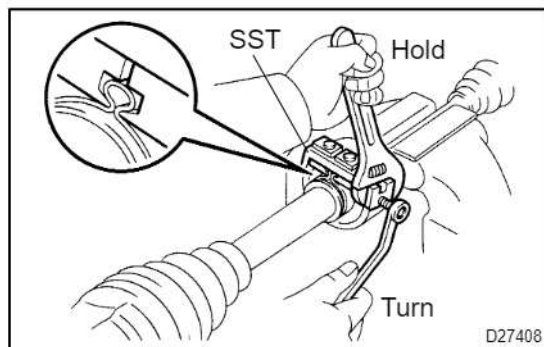


24. INSTALL DRIVE SHAFT DAMPER (RH DRIVE SHAFT)

- (a) Set the distance, as described below.

Distance (A)	440 mm ± 2 mm (17.32 ± 0.08 in.)
--------------	----------------------------------

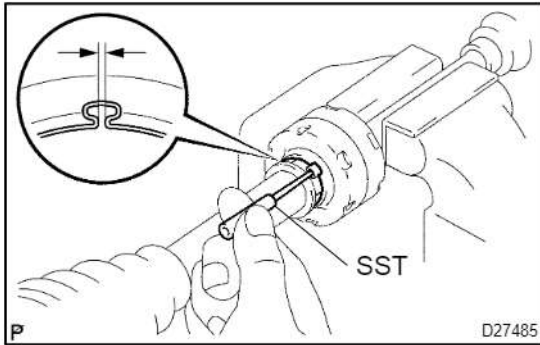
- (b) Through the damper setting clamp to the shaft.



- (c) Mount drive shaft in a soft vise.
(d) Secure the damper setting clamp onto the damper.
(e) Place SST onto the damper setting clamp.
SST 09521-24010
(f) Tighten the SST so that the clamp is pinched.

NOTICE:

Do not overtighten the SST.



- (g) Using SST, adjust the clearance of the damper setting clamp.

SST 09240-00020 (09242-00150)

Clearance: 1.5 mm (0.059 in.) or less

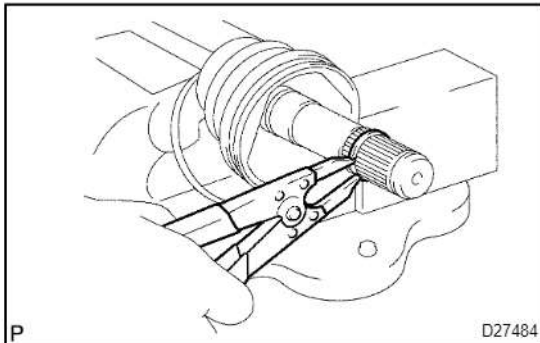
25. INSTALL FRONT AXLE INBOARD JOINT SUB-ASSY LH

HINT:

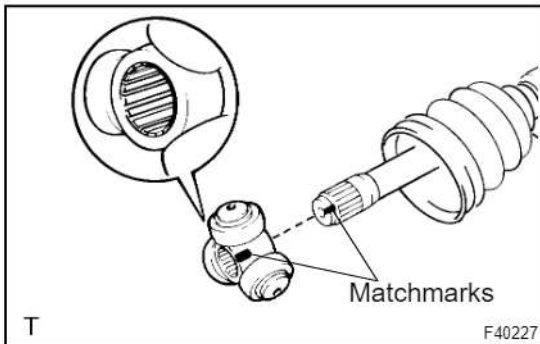
Before installing the boot, wrap the spline of the drive shaft with vinyl tape to prevent the boot from being damaged.

- (a) Install new parts to the outboard joint shaft assy in the following order.

- (1) Inboard joint boot LH clamp
- (2) Inboard joint boot
- (3) Inboard joint boot LH No.2 clamp



- (b) Using a snap ring expander, install a new inner LH shaft snap ring.

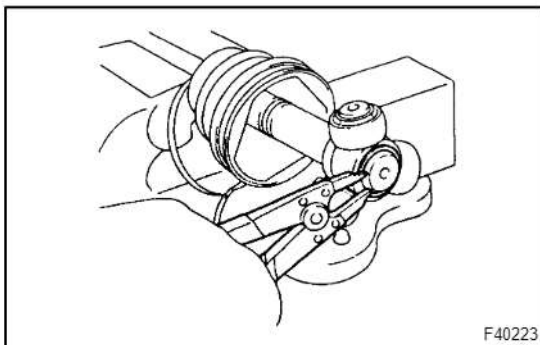


- (c) Align the matchmarks, install tripod joint assy to the outboard joint assy.

- (d) Using a brass bar and a hammer, install the tripod joint assy.

NOTICE:

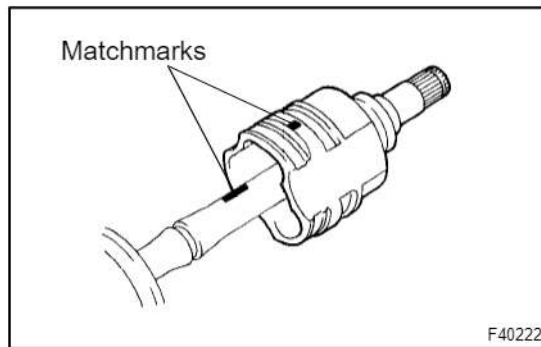
Do not tap the roller.



- (e) Using a snap ring expander, install a new inner LH shaft snap ring.

- (f) Pack the inboard joint sub-assy LH with grease.

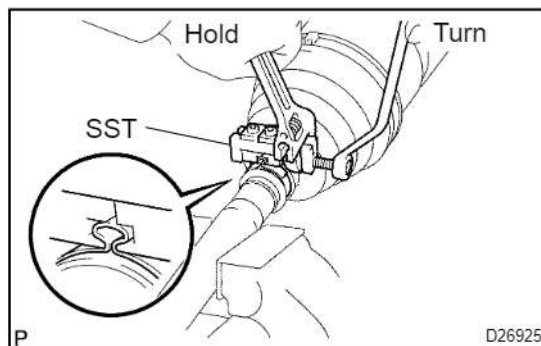
Grease Capacity: 135 – 155 g (4.8 – 5.5 oz.)



- (g) Align the matchmarks, install the inboard joint sub-assy LH to the outboard joint shaft assy.

26. INSTALL INBOARD JOINT BOOT

- (a) Install the inboard joint boot to the inboard joint assy and outboard joint shaft assy.

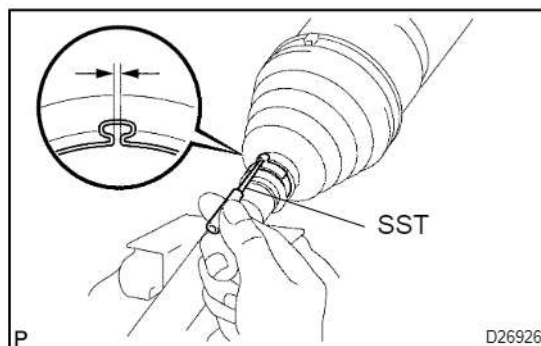


27. INSTALL FRONT AXLE INBOARD JOINT BOOT LH CLAMP

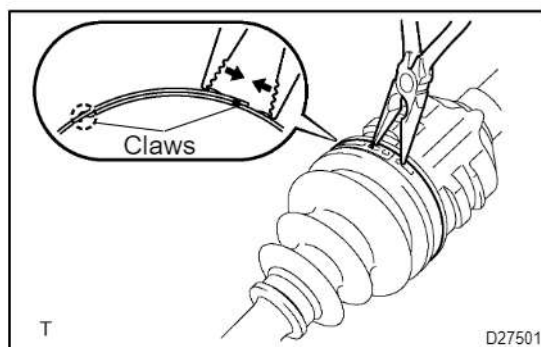
- (a) Mount drive shaft in a soft vise.
 (b) Secure the clamp onto the boot.
 (c) Place SST onto the clamp.
 SST 09521-24010
 (d) Tighten the SST so that the clamp is pinched.

NOTICE:

Do not overtighten the SST.

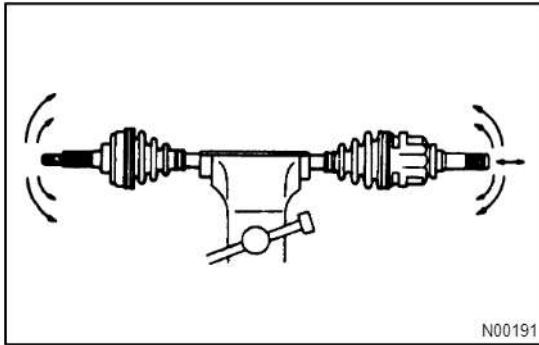


- (e) Using SST, adjust the clearance of the clamp.
 SST 09240-00020 (09242-00150)
Clearance: 1.5 mm (0.059 in.) or less.



28. INSTALL FRONT AXLE INBOARD JOINT BOOT LH NO.2 CLAMP

- (a) Using a needle nose pliers, install the inboard joint boot LH No.2 clamp as shown in the illustration.

**29. INSPECT FRONT DRIVE SHAFT ASSY LH**

- Check that there is no remarkable play in the outboard joint.
- Check that the inboard joint slides smoothly in the thrust direction.
- Check that there is no remarkable play in the radial direction of the inboard joint.
- Check the boots for damage.

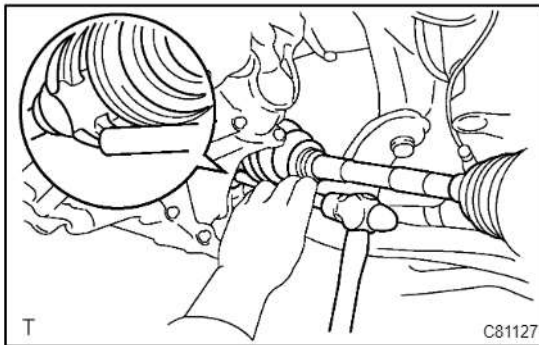
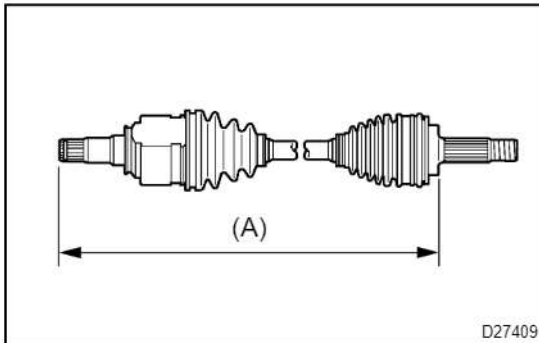
NOTICE:

Keep the drive shaft assy level during inspection.

HINT:

For dimension (A), refer to the following table.

RH	848.3 ± 5.0 mm (33.398 ± 0.197 in.)
LH	569.3 ± 5.0 mm (22.413 ± 0.197 in.)

**30. INSTALL FRONT DRIVE SHAFT ASSY LH**

- A/T:
Coat the spline of the inboard joint shaft assy with ATF.
- M/T:
Coat the spline of the inboard joint shaft assy with gear oil.
- Align the shaft splines, install the drive shaft assy with a brass bar and a hammer.

NOTICE:

- Set the hole snap ring with opening side facing downwards.
- Be careful not to damage the oil seal.

HINT:

Whether the inboard joint shaft is in contact with the pinion shaft or not can be known from the sound or feeling when driving it in.

31. INSTALL FRONT DRIVE SHAFT ASSY RH**HINT:**

Install the RH side by the same procedure as the LH side.

NOTICE:

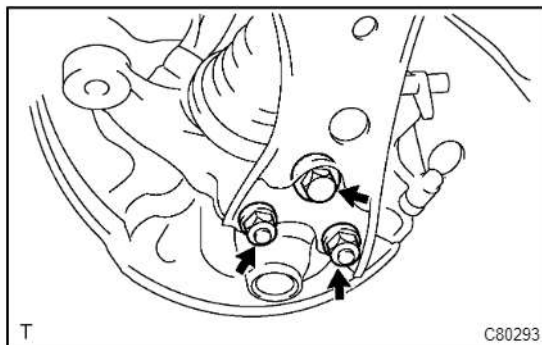
Do not damage the oil seal.

32. INSTALL FRONT AXLE ASSY LH

- Install the drive shaft assy LH to the front axle assy LH.

NOTICE:

- Be careful not to damage the outboard joint boot.
- w/ ABS:
Be careful not to damage the speed sensor rotor.



33. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH

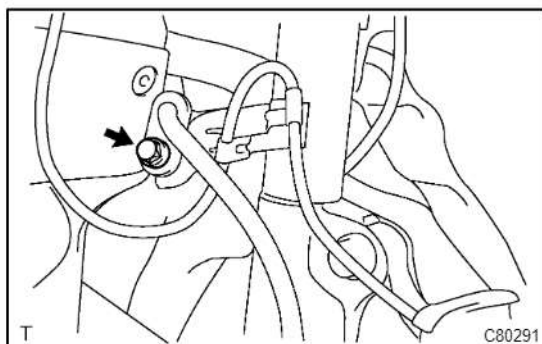
- (a) Install the lower ball joint to the front suspension arm sub-assy lower No.1 LH with a bolt and 2 nuts.
Torque: 89 N·m (908 kgf·cm, 66 ft·lbf)

34. INSTALL TIE ROD END SUB-ASSY LH

- (a) Install the tie rod end sub-assy LH to the steering knuckle with the nut.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)
 (b) Install a new cotter pin.

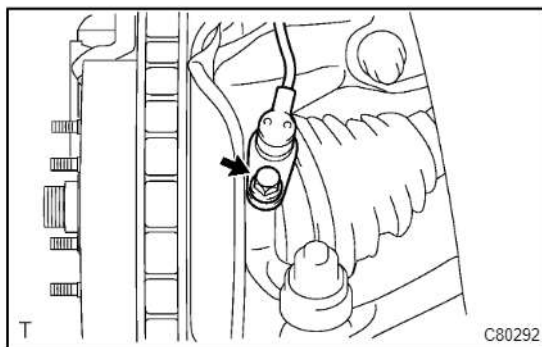
NOTICE:

If the holes for the cotter pin are not aligned, tighten the nut further to 60°.



35. INSTALL SPEED SENSOR FRONT LH (W/ ABS)

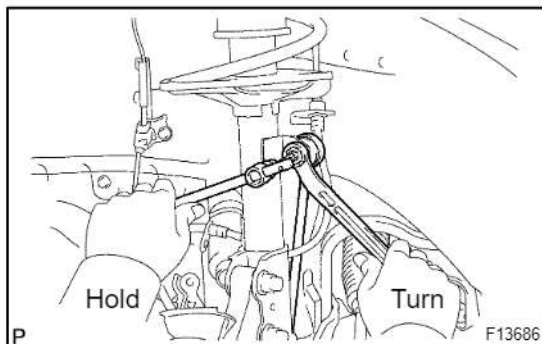
- (a) Install the speed sensor front LH and flexible hose to shock absorber assy front LH with the bolt.
Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)



- (b) Install the speed sensor front LH to the steering knuckle with the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 ft·lbf)

NOTICE:

- Be careful not to damage the speed sensor.
- Keep the speed sensor clean.
- Do not twist the sensor wire when installing the sensor.

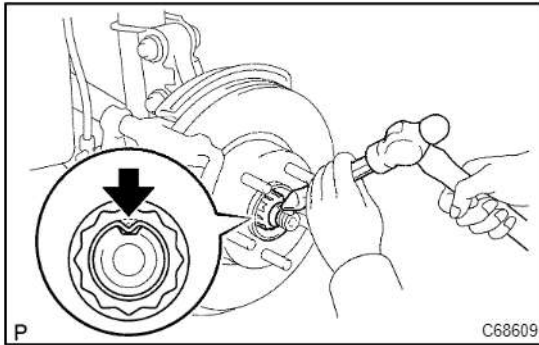


36. INSTALL FRONT STABILIZER LINK ASSY LH

- (a) Install the front stabilizer link assy LH with the nut.
Torque: 74 N·m (755 kgf·cm, 55 ft·lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon wrench (6 mm) to hold the stud.

**37. INSTALL FRONT AXLE HUB LH NUT**

- (a) Install a new hub LH nut.
Torque: 216 N·m (2,200 kgf·cm, 159 ft·lbf)
- (b) Using a chisel and a hammer, stake the hub LH nut.

38. INSTALL FRONT WHEEL

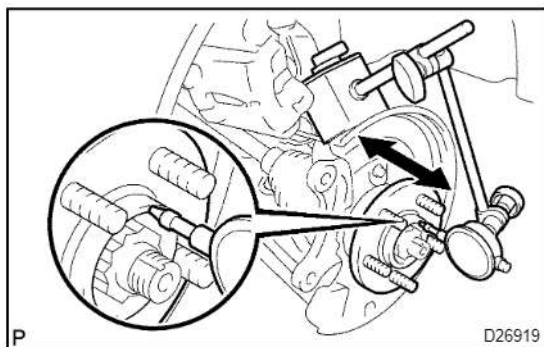
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

39. ADD MANUAL TRANSAXLE OIL (M/T TRANSAXLE)**40. INSPECT AND ADJUST MANUAL TRANSAXLE OIL (M/T TRANSAXLE) (See page [41-2](#))****41. ADD AUTOMATIC TRANSAXLE FLUID (A/T TRANSAXLE)****42. INSPECT AND ADJUST AUTOMATIC TRANSAXLE FLUID (A/T TRANSAXLE) (See page [40-2](#))****43. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page [26-5](#))****44. CHECK ABS SPEED SENSOR SIGNAL (W/ ABS) (See page [05-297](#))**

ON-VEHICLE INSPECTION

1. INSPECT FRONT AXLE HUB BEARING

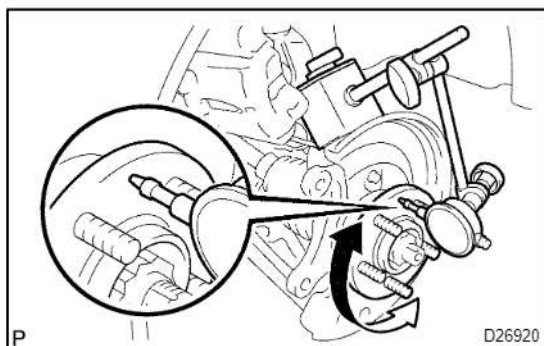
- (a) Remove the front wheel.
- (b) Separate the front disc brake caliper assy (See page 30-17).
- (c) Remove the front disc.



- (d) Inspect the bearing backlash.
 - (1) Using a dial indicator, check the backlash near the center of the axle hub.

Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the front axle hub bearing.



- (e) Inspect the axle hub deviation.
 - (1) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.

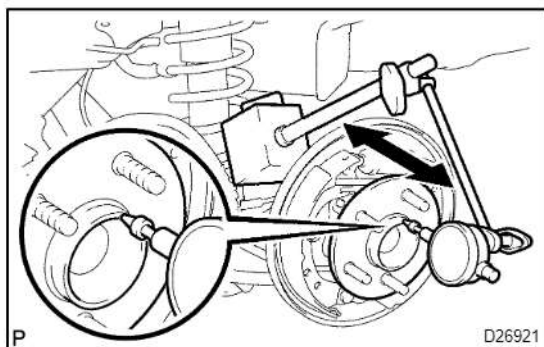
Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the front axle hub sub-assy.

- (f) Install the front disc.
 - (g) Install the front disc brake caliper assy (See page 30-17).
 - (h) Install the front wheel.
- Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)**

2. INSPECT REAR AXLE HUB BEARING

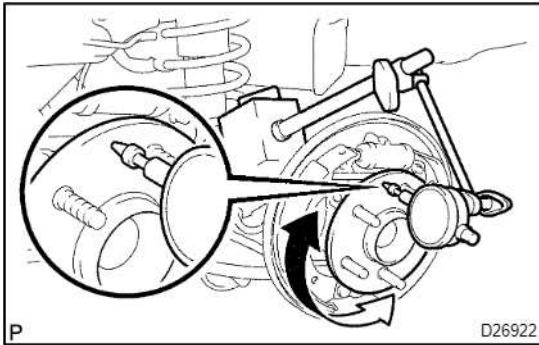
- (a) Remove the rear wheel.
- (b) Remove rear brake drum sub-assy.



- (c) Inspect the bearing backlash.
 - (1) Set a dial indicator near the center of the axle hub and check the backlash in the bearing shaft direction.

Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the rear axle hub & bearing assy.



(d) Inspect the axle hub deviation.

- (1) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.

Maximum: 0.07 mm (0.0028 in.)

If the backlash exceeds the maximum, replace the rear axle hub & bearing assy.

(e) Install the rear brake drum sub-assy.

(f) Install the rear wheel.

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

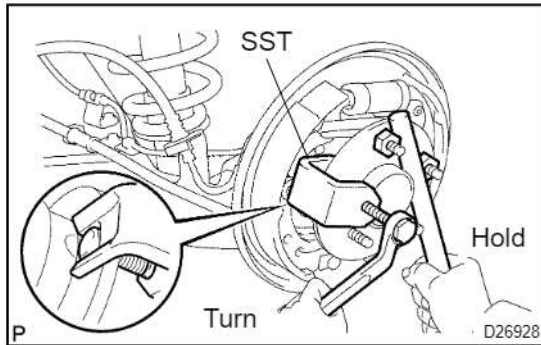
REAR AXLE LH HUB BOLT REPLACEMENT

300AB-02

HINT:

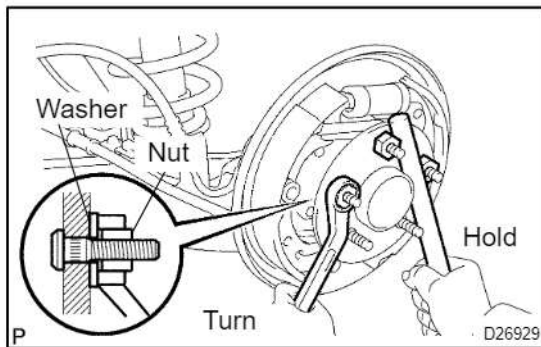
COMPONENTS: See page 30-23

1. REMOVE REAR WHEEL
2. REMOVE REAR BRAKE DRUM SUB-ASSY



3. REMOVE REAR AXLE LH HUB BOLT

- (a) Using SST and a hammer handle or an equivalent, remove the LH hub bolt.
SST 09628-10011



4. INSTALL REAR AXLE LH HUB BOLT

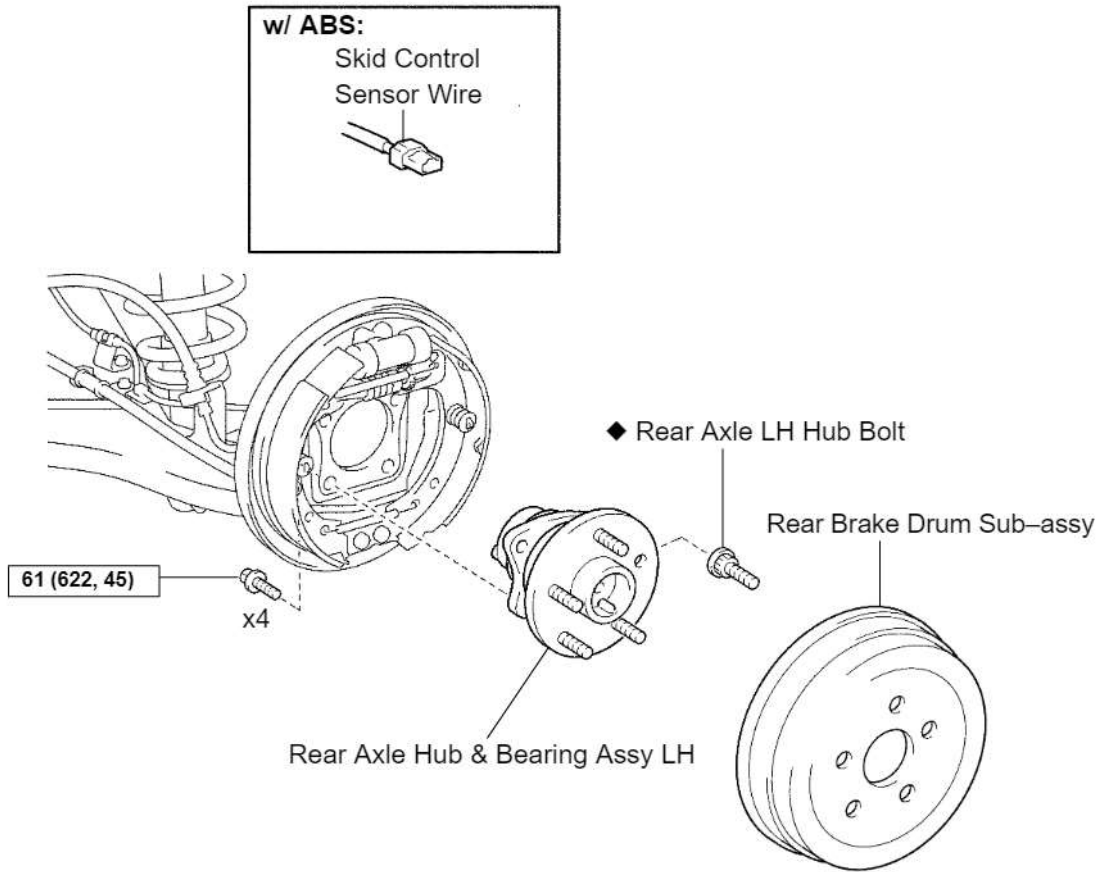
- (a) Install a washer and nut to a new LH hub bolt as shown in the illustration.
- (b) Using a hammer handle or an equivalent to hold the rear axle hub & bearing assy LH, install the LH hub bolt by tightening the nut.

5. INSTALL REAR BRAKE DRUM SUB-ASSY
6. INSTALL REAR WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

REAR AXLE HUB & BEARING ASSY LH

COMPONENTS

300AB-02



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

◆ Non-reusable parts

P

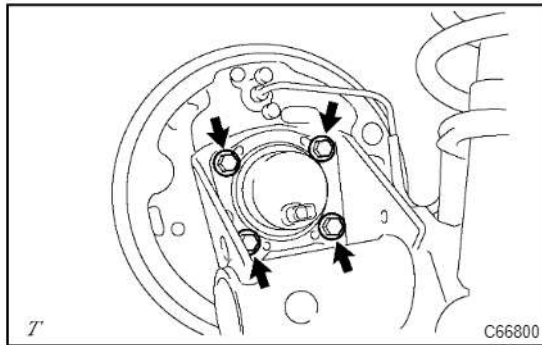
D26927

REPLACEMENT

HINT:

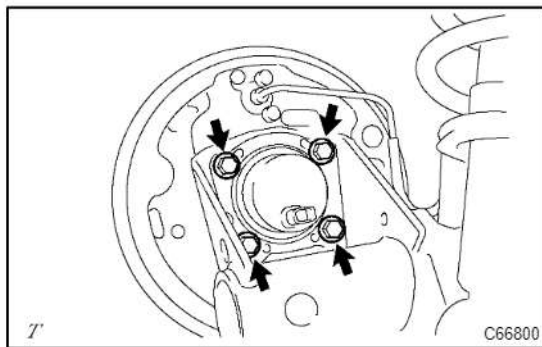
COMPONENTS: See page 30-23

1. REMOVE REAR WHEEL
2. REMOVE REAR BRAKE DRUM SUB-ASSY
3. DISCONNECT SKID CONTROL SENSOR WIRE (W/ ABS)



4. REMOVE REAR AXLE HUB & BEARING ASSY LH

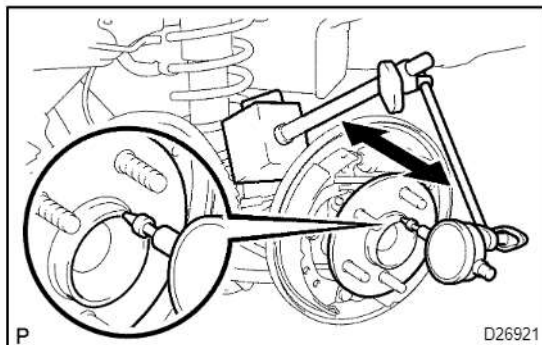
- (a) Remove the 4 bolts and hub & bearing assy LH.



5. INSTALL REAR AXLE HUB & BEARING ASSY LH

- (a) Install the hub & bearing assy LH with the 4 bolts.
Torque: 61 N·m (622 kgf·cm, 45 ft·lbf)

6. CONNECT SKID CONTROL SENSOR WIRE (W/ ABS)

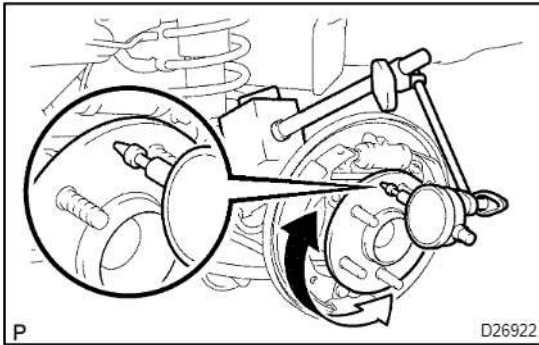


7. INSPECT BEARING BACKLASH

- (a) Set a dial indicator near the center of the axle hub and check the backlash in the bearing shaft sirection.

Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the rear axle hub & bearing assy LH.

**8. INSPECT AXLE HUB DEVIATION**

- (a) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.

Maximum: 0.07 mm (0.0028 in.)

If the backlash exceeds the maximum, replace the rear axle hub & bearing assy LH.

9. INSTALL REAR BRAKE DRUM SUB-ASSY**10. INSTALL REAR WHEEL**

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

11. CHECK ABS SPEED SENSOR SIGNAL (W/ ABS) (See page 05-297)

DRIVE SHAFT, PROPELLER SHAFT, AXLE

3009Z-03

PROBLEM SYMPTOMS TABLE

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

Symptom	Suspect Area	See page
Wander	5. Wheel alignment	26-5
		27-3
	6. Steering linkage (Loosen or worn)	51-18
	7. Hub bearing (Worn)	30-17
		30-24
Front wheel shimmy	8. Stabilizer bar	26-19
	1. Wheel balance	26-8
	2. Shock absorber	26-13
	3. Suspension arm lower (Worn)	26-8
	4. Coil spring	30-17
Noise (Drive shaft)	5. Hub bearing (Worn)	30-24
	1. Inboard joint (Worn)	30-6
	2. Outboard joint (Worn)	30-6