

REAR AXLE CARRIER SUB-ASSY LH (4WD)

REPLACEMENT

30000-02

HINT:

COMPONENTS: SEE PAGE 30-4

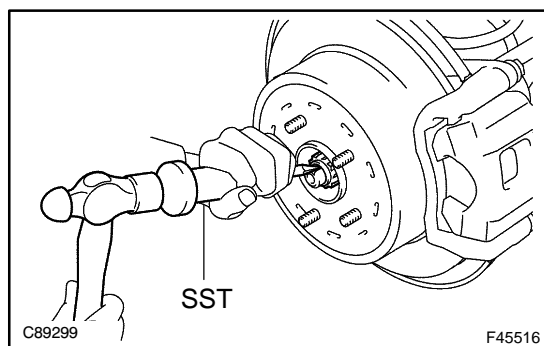
Replace the RH side using the same procedures as for the LH side.

1. REMOVE REAR WHEEL**2. SEPARATE SPEED SENSOR REAR LH**

- (a) Remove the bolt and separate the speed sensor from the axle carrier.

NOTICE:

- Be careful not to damage the speed sensor.
- Prevent foreign matter from adhering to the speed sensor.

**3. REMOVE REAR AXLE SHAFT LH NUT**

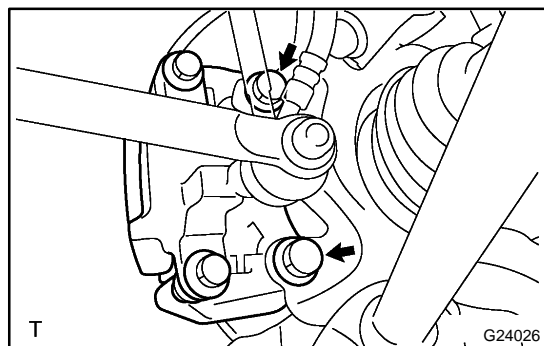
- (a) Using SST and a hammer, unstick the staked part of the axle hub LH nut.

SST 09930-00010

NOTICE:

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

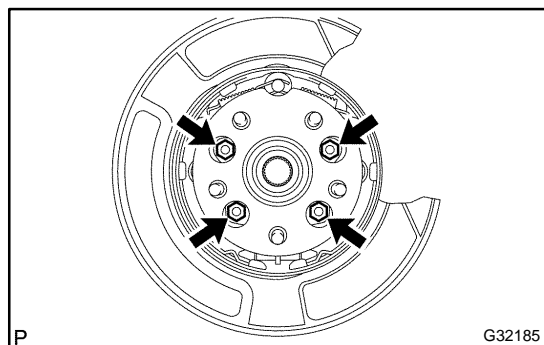
- (b) While applying the brakes, remove the lock axle hub LH nut.

**4. SEPARATE REAR DISC BRAKE CALIPER ASSY LH**

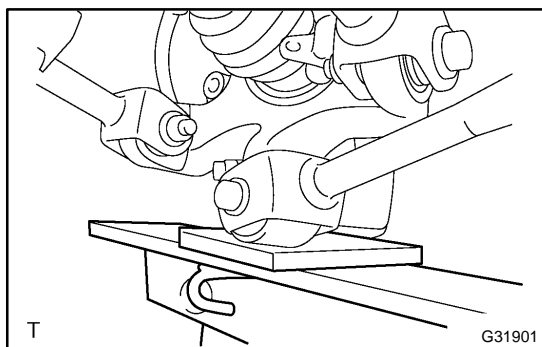
- (a) Remove the bolt, and separate the flexible hose from the shock absorber.
- (b) Remove the 2 bolts and separate rear disc brake caliper assy.

NOTICE:

Use a string or other device to keep the brake caliper from hanging down.

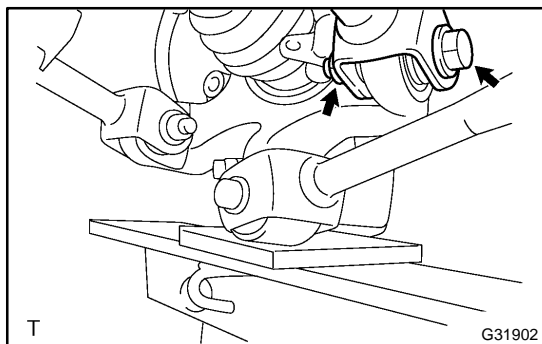
5. REMOVE REAR DISC (SEE PAGE 32-29)**6. REMOVE REAR AXLE HUB & BEARING ASSY LH**

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



7. SEPARATE REAR SUSPENSION ARM ASSY NO.1 LH

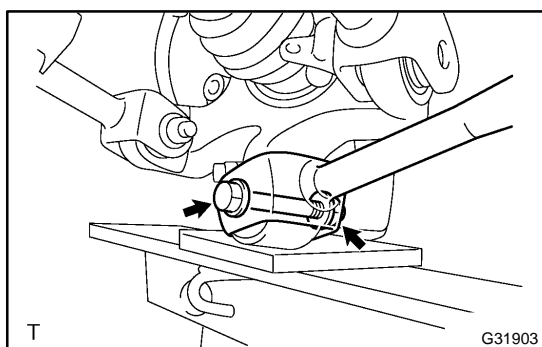
- (a) Using a jack, raise the rear axle carrier sub-assy LH, as shown in the illustration.



- (b) Remove the bolt and nut, and separate the rear suspension arm assy No.1 LH (rear axle carrier side) from the rear axle carrier.

HINT:

When removing the bolt, keep the nut from rotating.

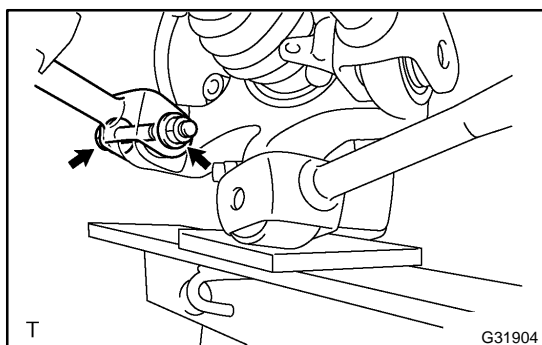


8. SEPARATE STRUT ROD ASSY REAR

- (a) Remove the bolt and nut, and separate the strut rod assy rear (rear axle carrier side) from the rear axle carrier.

HINT:

When removing the bolt, keep the nut from rotating.

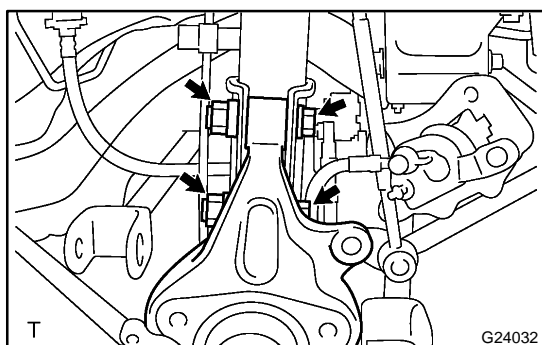


9. SEPARATE REAR SUSPENSION ARM ASSY NO.2 LH

- (a) Remove the bolt and nut, and separate the rear suspension arm assy No.2 LH (rear axle carrier side) from the rear axle carrier.

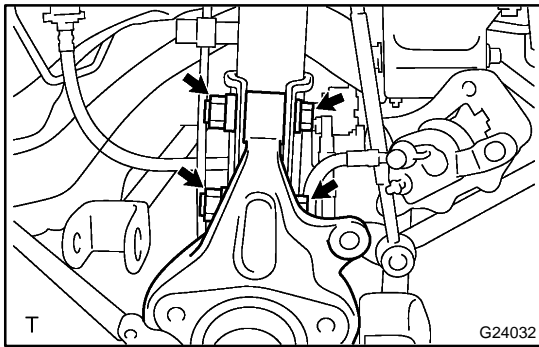
HINT:

When removing the bolt, keep the nut from rotating.



10. REMOVE REAR AXLE CARRIER SUB-ASSY LH

- (a) Remove the 2 bolts and 2 nuts, and the rear axle carrier sub-assy LH from the shock absorber.

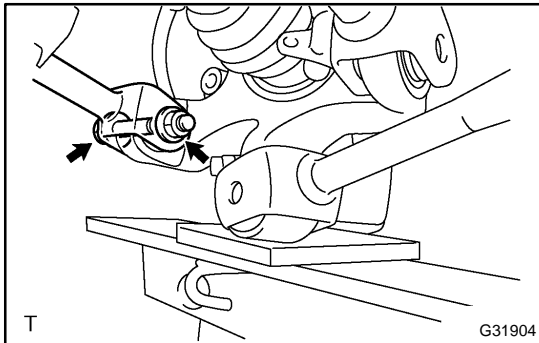
**11. INSTALL REAR AXLE CARRIER SUB-ASSY LH**

- (a) Install the rear axle carrier sub-assy LH with the 2 bolts and nuts.

Torque: 180 N·m (1,840 kgf·cm, 133 ft·lbf)

HINT:

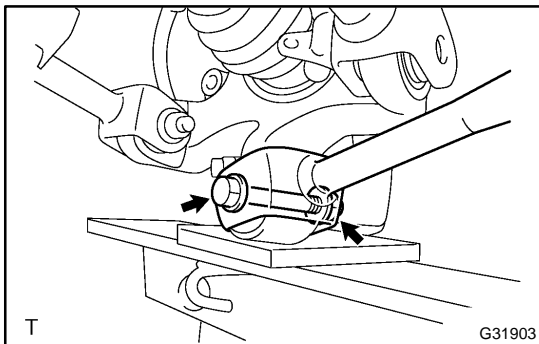
Insert the bolt from the rear side of the vehicle and temporarily install the nut to the shock absorber.

**12. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH**

- (a) Temporarily tighten the rear suspension arm assy No.2 LH with the bolt and nut.

HINT:

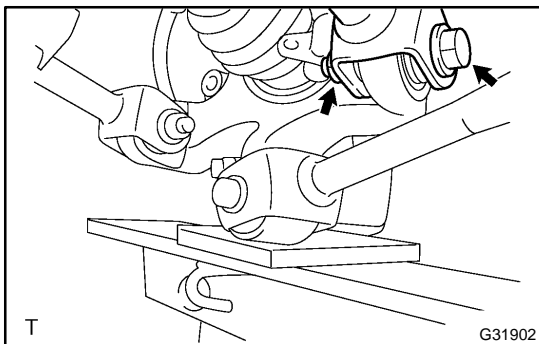
Insert the bolt from the rear side of the vehicle and lightly tighten the bolt.

**13. TEMPORARILY TIGHTEN STRUT ROD ASSY REAR**

- (a) Temporarily tighten the strut rod assy rear with the bolt and nut.

HINT:

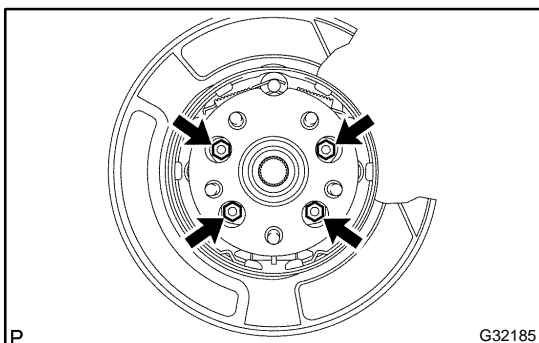
Insert the bolt from the inside of the vehicle and lightly tighten the bolt.

**14. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH**

- (a) Temporarily tighten the rear suspension arm assy No.1 LH with the bolt and nut.

HINT:

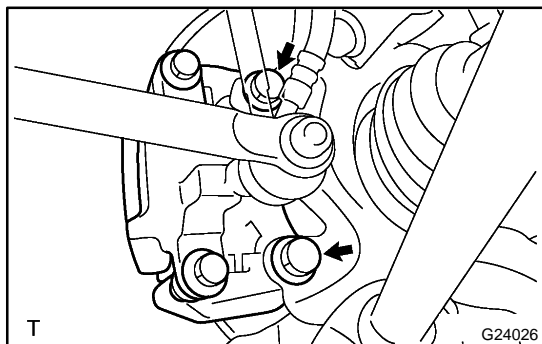
Insert the bolt from the front side of the vehicle and lightly tighten the bolt.

**15. INSTALL REAR AXLE HUB & BEARING ASSY LH**

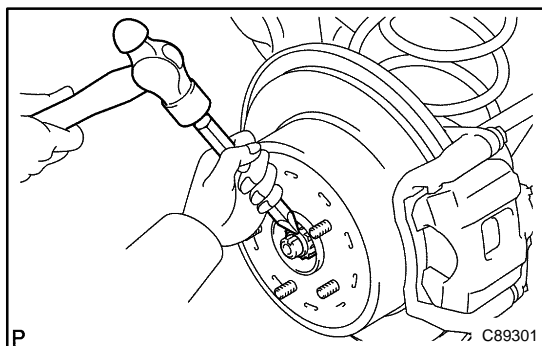
- (a) Install the rear axle hub & bearing assy LH with the 4 bolts.

Torque: 75 N·m (765 kgf·cm, 55 ft·lbf)

16. INSPECT BEARING BACKLASH (SEE PAGE 30-3)
17. INSPECT AXLE HUB DEVIATION (SEE PAGE 30-3)
18. INSTALL REAR DISC (SEE PAGE 32-29)



19. **INSTALL REAR DISC BRAKE CALIPER ASSY LH**
 - (a) Install the rear disc brake caliper assy LH with the 2 bolts.
Torque: 78 N·m (800 kgf·cm, 58 ft·lbf)
 - (b) Install the flexible hose with the bolt to the shock absorber.
Torque: 19 N·m (192 kgf·cm, 14 ft·lbf)



20. **INSTALL REAR AXLE SHAFT LH NUT**
 - (a) Install a new axle shaft LH nut.
Torque: 294 N·m, (3,000 kgf·cm, 217 ft·lbf)
 - (b) Using a chisel and a hammer, stake the axle shaft LH nut.

21. **INSTALL SPEED SENSOR REAR LH**
 - (a) Install the speed sensor with the bolt.
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

NOTICE:

- Be careful not to damage the speed sensor.
- Prevent foreign matter from adhering to the speed sensor.
- Do not twist the sensor wire when installing the sensor.

22. **INSTALL REAR WHEEL**
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
23. **STABILIZE SUSPENSION (SEE PAGE 27-29)**
24. **FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH (SEE PAGE 27-25)**
25. **FULLY TIGHTEN STRUT ROD ASSY REAR (SEE PAGE 27-13)**
26. **FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH (SEE PAGE 27-18)**
27. **INSPECT AND ADJUST REAR WHEEL ALIGNMENT (SEE PAGE 27-5)**
28. **CHECK ABS SPEED SENSOR SIGNAL (SEE PAGE 05-765)**