

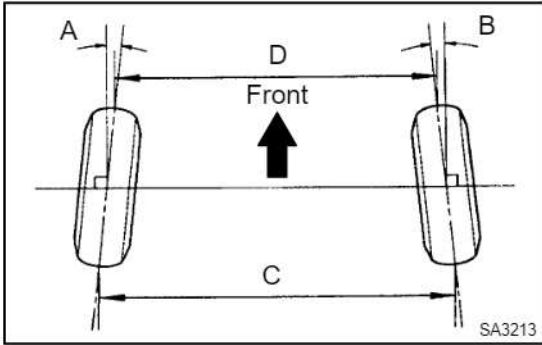
REAR WHEEL ALIGNMENT

ADJUSTMENT

1. INSPECT TIRE (SEE PAGE 28-1)
2. MEASURE VEHICLE HEIGHT (SEE PAGE 26-7)

NOTICE:

Before inspecting wheel alignment, adjust the vehicle height to the specified value.

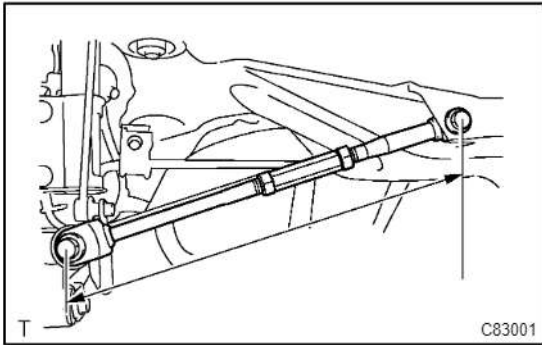


3. INSPECT TOE-IN

Toe-in (total)	A + B: $0^{\circ}18' \pm 12'$ ($0.3^{\circ} \pm 0.2^{\circ}$) C - D: 3 ± 2 mm (0.12 ± 0.08 in.)
-------------------	---

HINT:

- Measure "C - D" only when "A + B" cannot be measured.
- If the toe-in is not within the specified range, inspect the suspension parts and replace them if necessary.

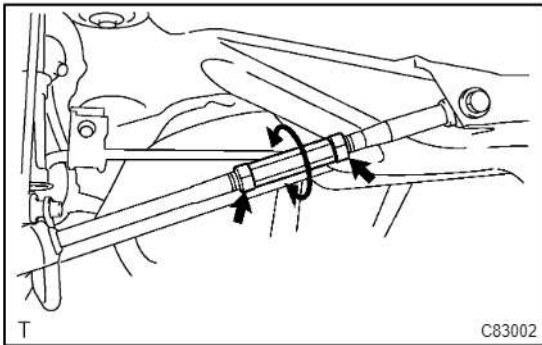


4. ADJUST TOE-IN (FF DRIVE TYPE)

- (a) Measure the lengths of the right and left No.2 lower suspension arms.

**No. 2 lower suspension arm length difference:
1.5 mm (0.06 in.) or less**

If the left-right difference is larger than 1.5 mm (0.06 in.), adjust it by following the procedures below.



- (b) Loosen the 2 lock nuts.
- (c) Turn the right and left adjusting tubes by an equal amount to adjust toe-in.

HINT:

- Try to adjust the toe-in to the center value.
- One turn of each adjusting tube will adjust toe-in by approximately 1.1° ($1^{\circ}11'$), 11.1mm (0.437 in.).

- (d) Torque the 2 lock nuts.

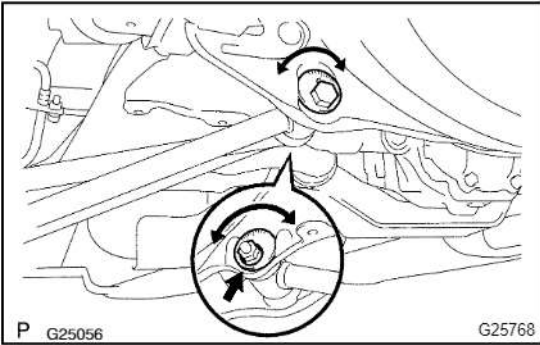
Torque: 56 N·m (570 kgf·cm, 41 ft·lbf)

5. ADJUST TOE-IN (4WD DRIVE TYPE)

- (a) Measure the distance between each wheel disc and corner of the toe-adjusting cam, and then confirm that left and right distances are the same.

**No. 2 lower suspension arm length difference:
1.0 mm (0.04 in.) or less**

If the left-right difference is larger than 1.0 mm (0.04 in.), adjust it by following the procedures below.



- (b) Turn the adjust cams by an equal amount to adjust toe-in.
HINT:

- Try to adjust the toe-in to the center value.
- The toe-in will change by the following specifications corresponding to each graduation of the cam.

Approx. 3.3 mm (0.13 in.)

- (c) Tighten the nut.

Torque: 100 N·m (1,020 kgf·cm, 74 ft·lbf)

6. INSPECT CAMBER

	FF	4WD
Camber	$-1^{\circ}20' \pm 45'$ ($-1.33^{\circ} \pm 0.75^{\circ}$)	$-0^{\circ}45' \pm 45'$ ($-0.75^{\circ} \pm 0.75^{\circ}$)
Right-left error	45' (0.75°) or less	45' (0.75°) or less

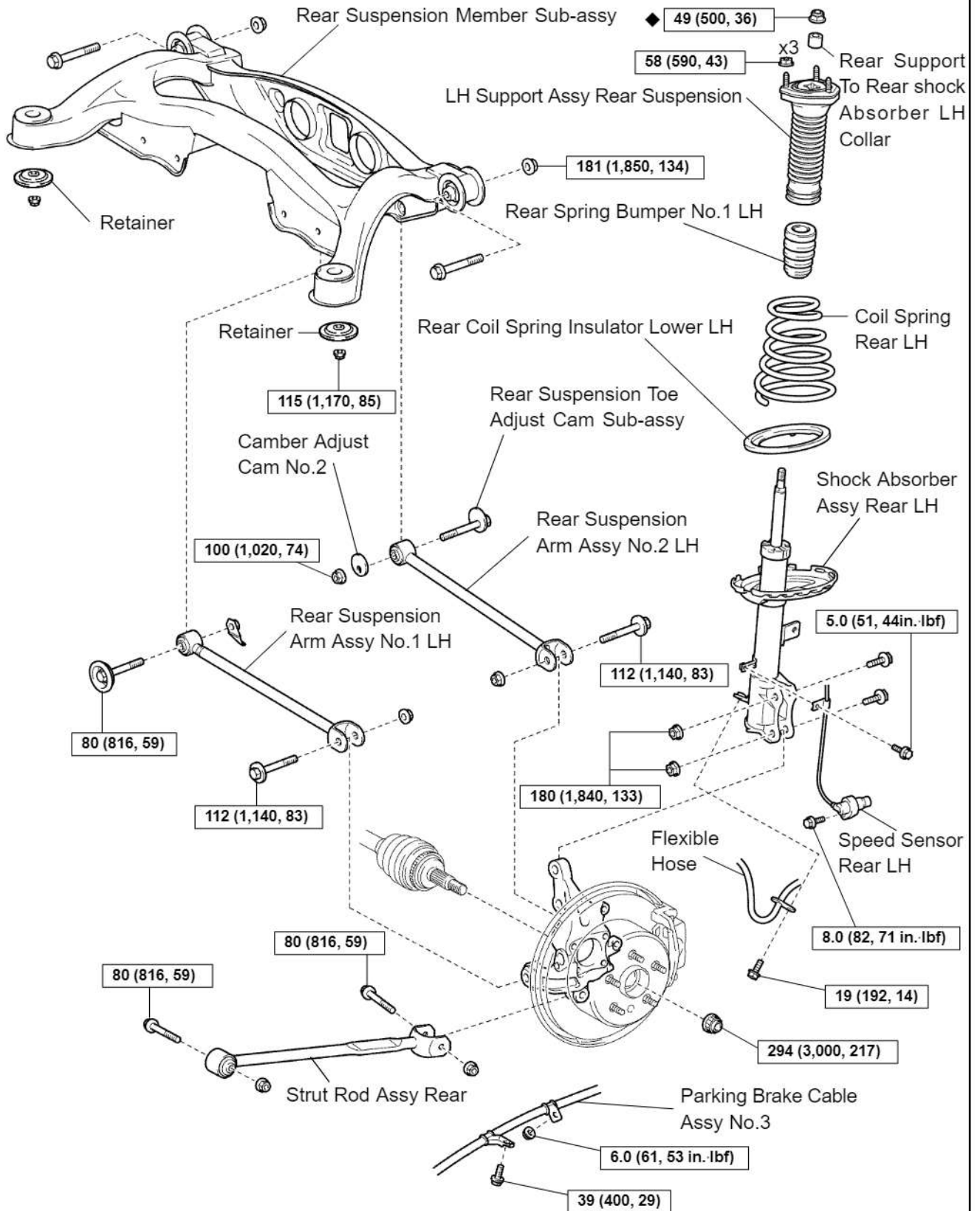
HINT:

Camber is not adjustable. If the measurement is not within the specification, inspect the suspension parts for damage and/or wear, and replace them if necessary.

2705B-03



4WD:



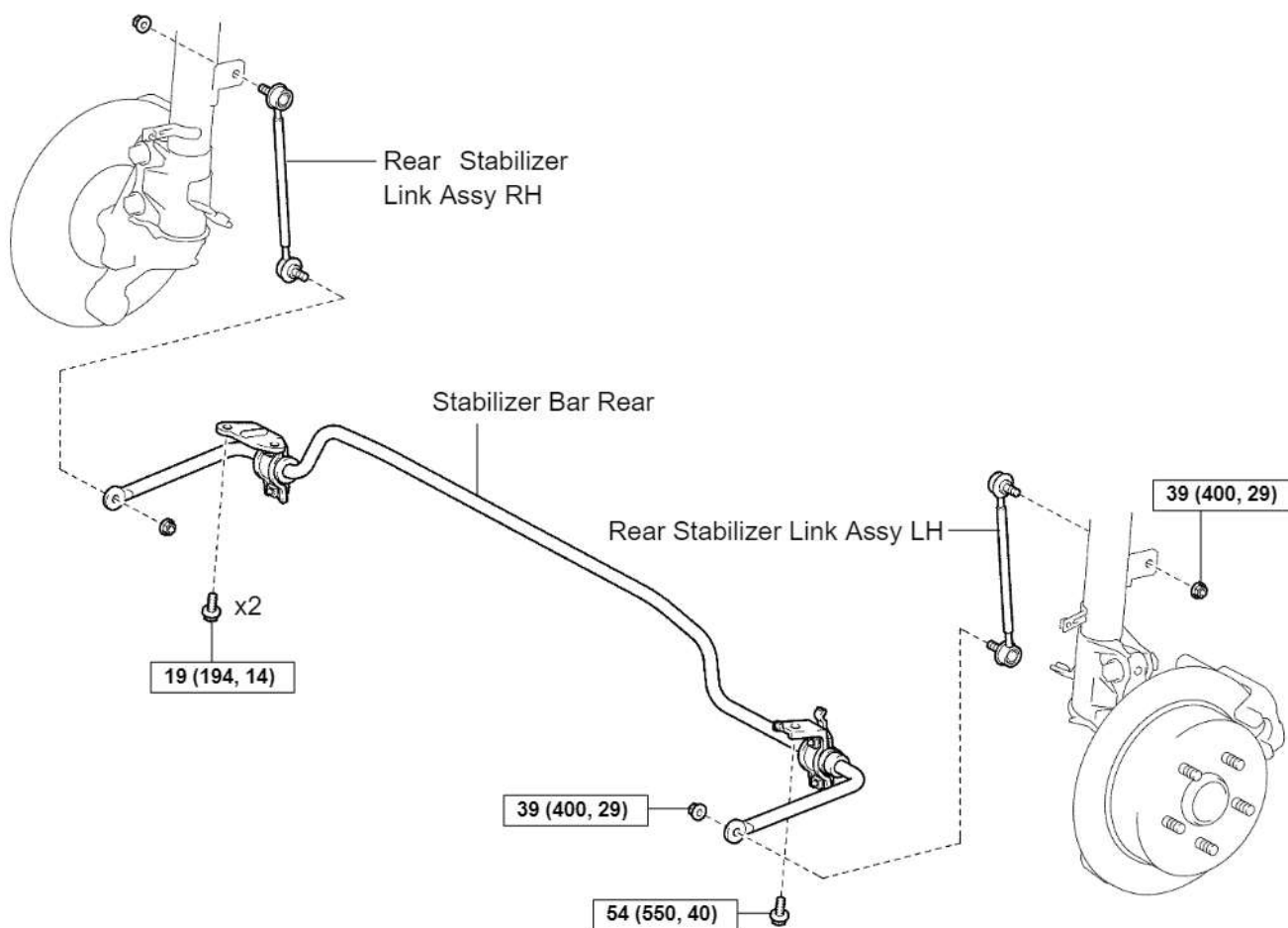
N·m (kgf·cm, ft·lbf) : Specified torque

◆ Non-reusable part

P F45735

F47189

4WD:

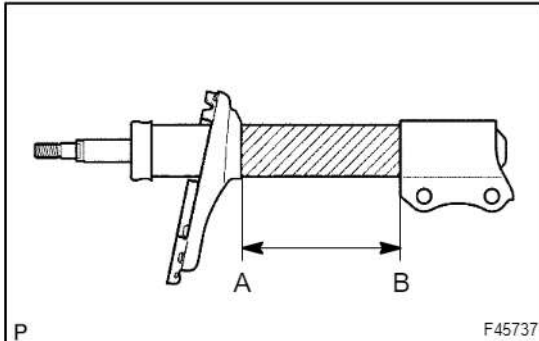


N·m (kgf·cm, ft·lbf) : Specified torque

P

G25082

DISPOSAL



1. DISPOSE OF SHOCK ABSORBER ASSY REAR LH

- (a) Fully extend the shock absorber rod.
- (b) Using a drill, make a hole in the cylinder somewhere between A and B as shown in the illustration to discharge the gas inside.

CAUTION:

- Be careful when drilling as shards of metal may fly about. Always use the proper safety equipment.
- The gas is colorless, odorless and non-poisonous.

REAR SUSPENSION SYSTEM

27011-11

PROBLEM SYMPTOMS TABLE

Use the table below, with suspected areas listed in numerical order, to determine the cause of the problem. Inspect and repair or replace parts as necessary according to the steps on the following pages.

Symptom	Suspected Area	See page
Bottoming	1. Vehicle (Overloaded) 2. Spring (Weak) 3. Shock absorber (Worn)	- 27-7 27-7
Sways/pitches	1. Tire (Worn or improperly inflated) 2. Stabilizer bar (Bent or broken) 3. Shock absorber (Worn)	28-1 27-27 27-29 27-7
Rear wheel shimmy	1. Tire (Worn or improperly inflated) 2. Wheel (Out of balance) 3. Shock absorber (Worn) 4. Wheel alignment (Incorrect) 5. Hub bearing (Worn)	28-1 28-1 27-7 26-7 27-5 30-3
Abnormal tire wear	1. Tire (Worn or improperly inflated) 2. Wheel alignment (Incorrect) 3. Shock absorber (Worn) 4. Suspension parts (Worn)	28-1 26-7 27-5 27-7 -

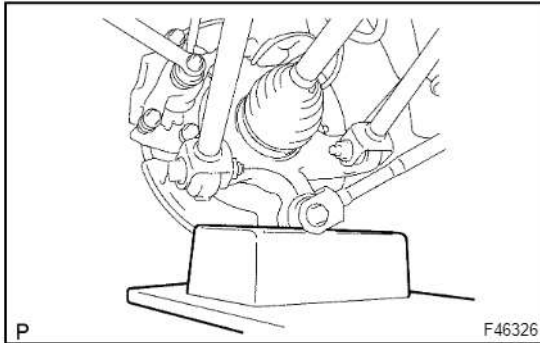
REAR SHOCK ABSORBER WITH COIL SPRING OVERHAUL

270HX-01

HINT:

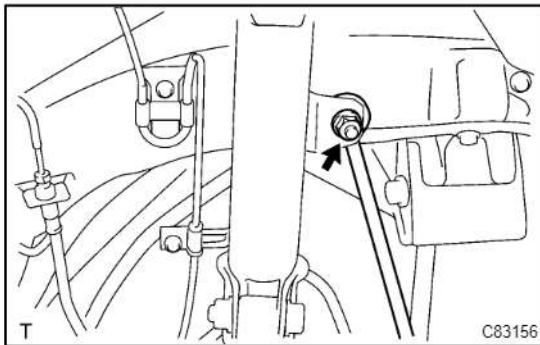
COMPONENTS: See page 27-2 .

1. REMOVE DECK SIDE TRIM COVER LH
2. REMOVE REAR WHEEL



3. SEPARATE REAR STABILIZER LINK ASSY LH

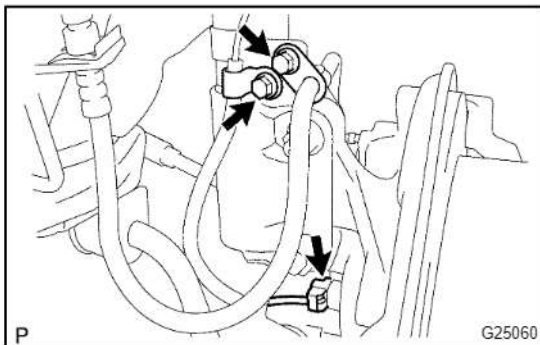
- (a) Support the rear axle carrier with a jack.



- (b) Remove the nut and disconnect the stabilizer link from the shock absorber.

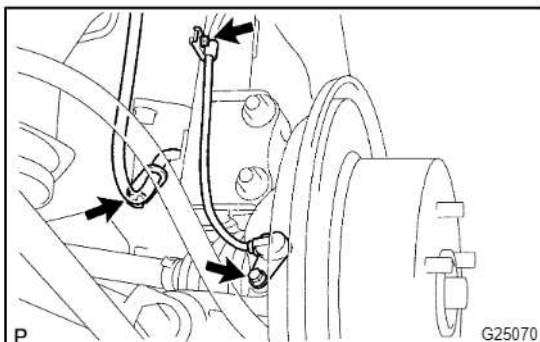
HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

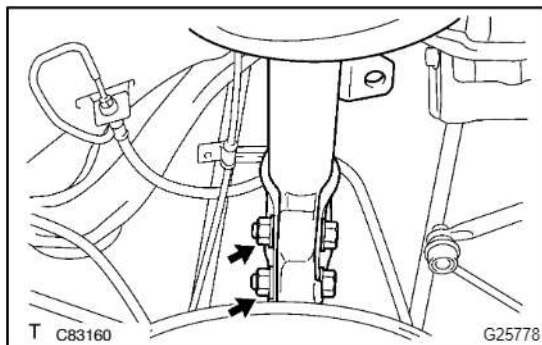


4. REMOVE REAR SHOCK ABSORBER WITH COIL SPRING

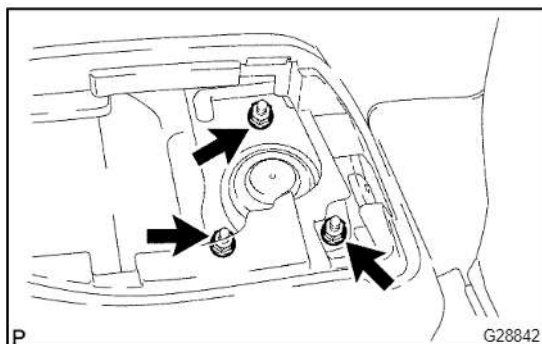
- (a) FF:
Disconnect the skid control sensor connector. Remove the 2 bolts, and disconnect the flexible hose and skid control sensor wire from the shock absorber.



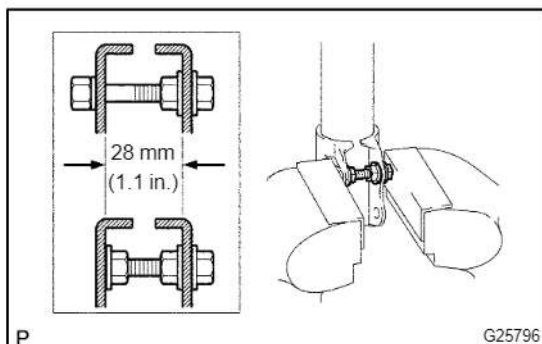
- (b) 4WD:
Remove the 3 bolts, and disconnect the flexible hose and speed sensor from the shock absorber and rear axle carrier.



- (c) Loosen the 2 nuts on the lower side of the shock absorber.
HINT:
 Do not remove the 2 bolts and 2 nuts.

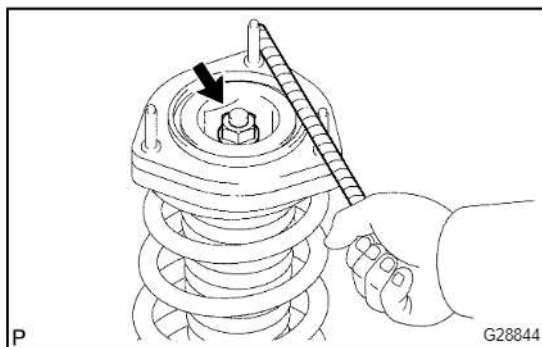


- (d) Remove the 3 nuts.
 (e) Lower the rear axle carrier, and remove the 2 nuts and 2 bolts on the lower side of the shock absorber.
 (f) Remove the shock absorber with coil spring.



5. FIX REAR SHOCK ABSORBER WITH COIL SPRING

- (a) Install the 2 nuts and bolt to the bracket at the lower part of the shock absorber, and secure it in a vise as shown in the illustration to the left.

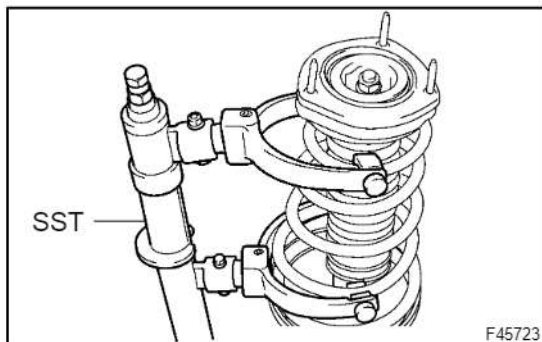


6. REMOVE SHOCK ABSORBER ASSY REAR LH

- (a) Loosen the nut while holding the LH support suspension with a bar taped up so as not to damage the stud bolts.

NOTICE:

- Do not damage the LH support suspension stud bolts.
- Do not remove the nut.

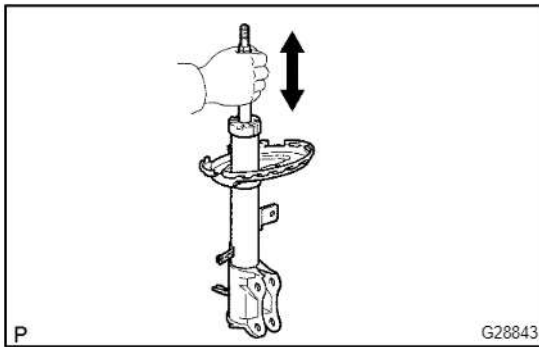


- (b) Using SST, compress the coil spring.
 SST 09727-30021 (09727-00010, 09727-00021, 09727-00031)

NOTICE:

Do not use an impact wrench. It will damage the SST.

- (c) Remove the nut, collar and LH support suspension.
 (d) Remove the coil spring, spring bumper and insulator lower.

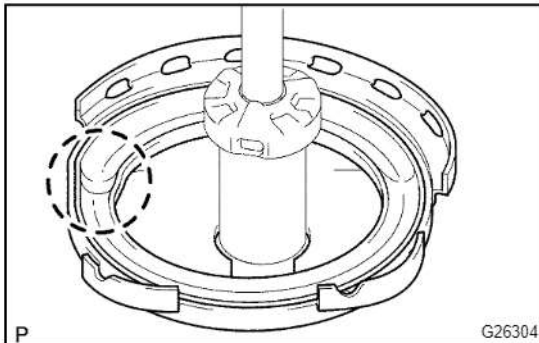


7. INSPECT SHOCK ABSORBER ASSY REAR LH

- (a) Compress and extend the shock absorber rod, and check that there is no abnormal resistance or unusual sound. If there is any abnormality, replace the shock absorber with a new one.

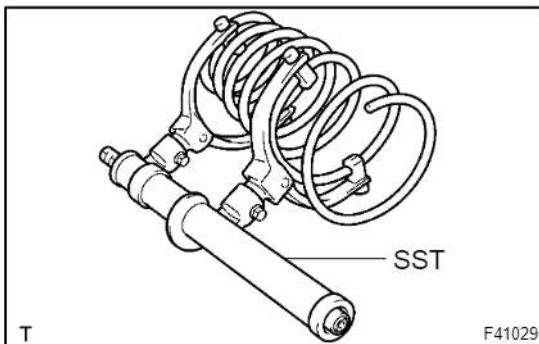
NOTICE:

When disposing of the shock absorber, see **DISPOSAL** on page 27-12.



8. INSTALL SHOCK ABSORBER ASSY REAR LH

- (a) Install the spring bumper.
(b) Install the insulator lower, as shown in the illustration.



- (c) Using SST, compress the coil spring.
SST 09727-30021 (09727-00010, 09727-00021, 09727-00031)

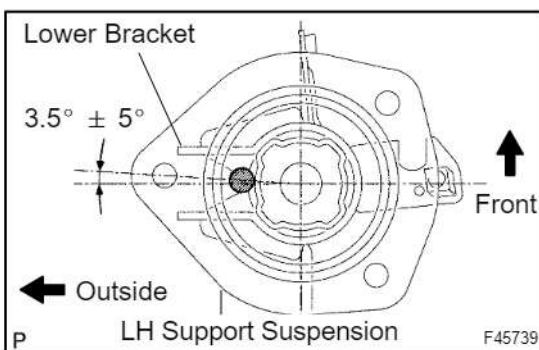
NOTICE:

Do not use an impact wrench. It will damage the SST.

- (d) Install the coil spring to the shock absorber.

HINT:

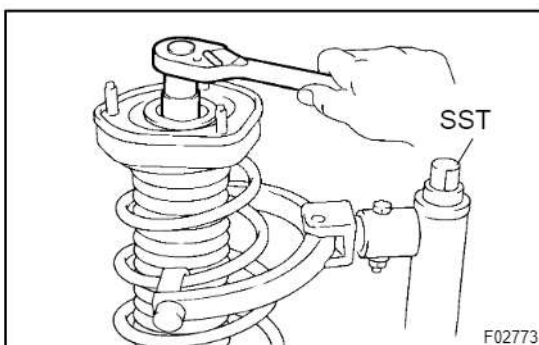
Fit the lower end of the coil spring into the gap of the insulator lower.



- (e) Align the LH support suspension with the shock absorber lower bracket, as shown in the illustration.

HINT:

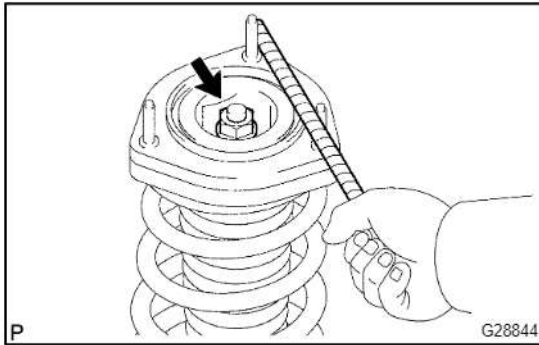
Ensure that the stud bolt is positioned 3.5° to the front of the vehicle as shown in the illustration, and the deviation should be within ±5°.



- (f) Install the collar to the piston rod.
(g) Temporarily install a new nut.
(h) Remove the SST.

HINT:

After removing SST, recheck the direction of the LH support suspension.

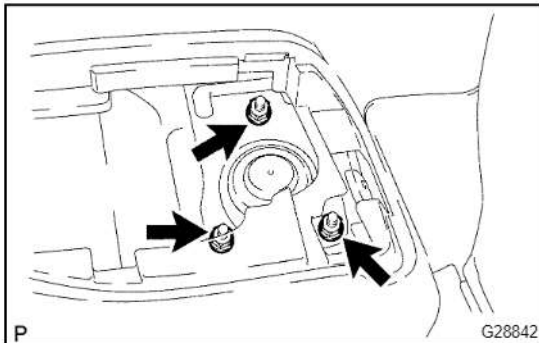


- (i) Fully tighten the nut while holding the LH support suspension with a bar taped up so as not to damage the stud bolts.

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

NOTICE:

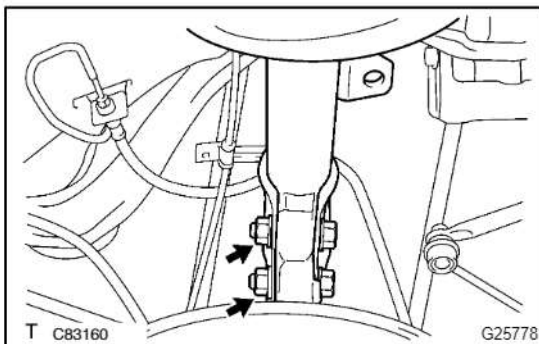
Do not damage the LH support suspension stud bolts.



9. INSTALL REAR SHOCK ABSORBER WITH COIL SPRING

- (a) Install the shock absorber with coil spring and tighten the 3 nuts.

Torque: 58 N·m (590 kgf·cm, 43 ft·lbf)

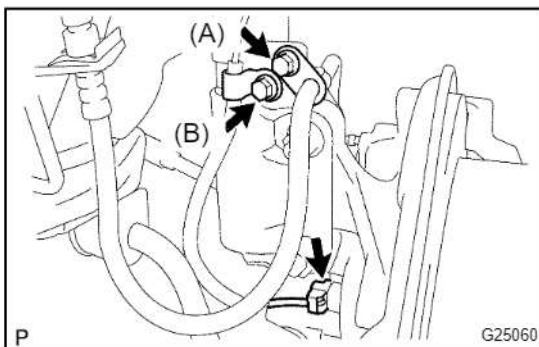


- (b) Install the 2 bolts and nuts to the shock absorber with coil spring.

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

NOTICE:

When installing the nut, keep the bolt from rotating.

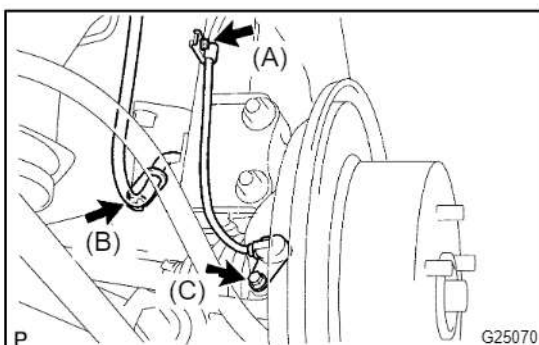


- (c) FF:
Install the flexible hose and skid control sensor wire with the 2 bolts. Connect the skid control sensor connector.

Torque:

Bolt A: 19 N·m (192 kgf·cm, 14 ft·lbf)

Bolt B: 5.0 N·m (51 kgf·cm, 44 in·lbf)



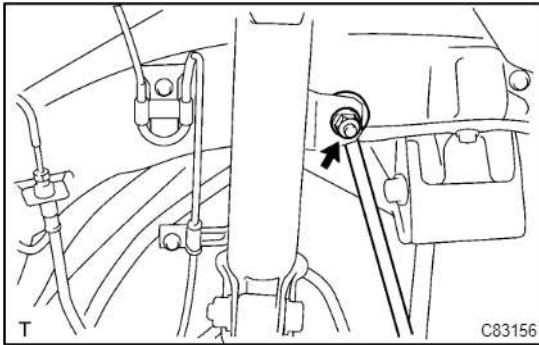
- (d) 4WD:
Install the flexible hose and speed sensor with the 3 bolts.

Torque:

Bolt A: 5.0 N·m (51 kgf·cm, 44 in·lbf)

Bolt B: 19 N·m (192 kgf·cm, 14 ft·lbf)

Bolt C: 8.0 N·m (82 kgf·cm, 71 in·lbf)

**10. INSTALL REAR STABILIZER LINK ASSY LH**

- (a) Install the stabilizer link to the shock absorber with the nut.
Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

11. INSTALL REAR WHEEL

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

12. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE 27-5)**13. CHECK ABS SPEED SENSOR SIGNAL (SEE PAGE 05-765)**

REAR SUSPENSION ARM ASSY NO.1 LH (FF)

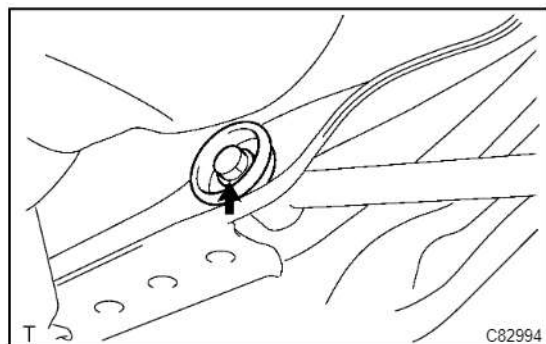
REPLACEMENT

270HY-01

HINT:

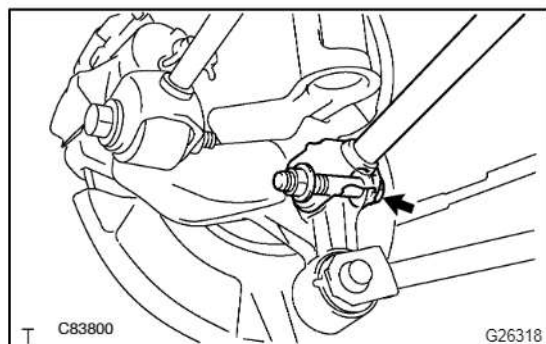
COMPONENTS: See page 27-2 .

1. REMOVE REAR WHEEL
2. REMOVE STABILIZER BAR REAR (SEE PAGE 27-27)



3. REMOVE REAR SUSPENSION ARM ASSY NO.1 LH

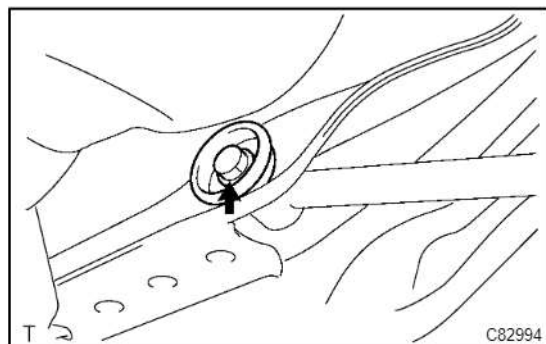
- (a) Support the rear axle carrier with a jack.
- (b) Remove the bolt and disconnect the rear suspension arm assy No.1 (inner side).



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

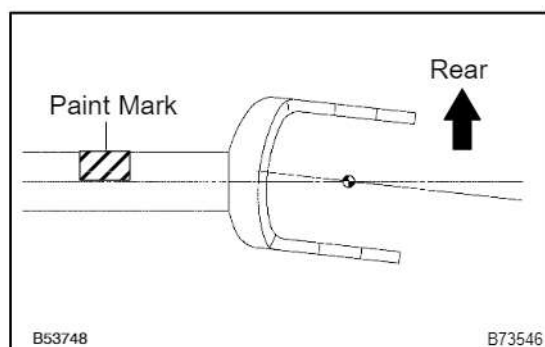
NOTICE:

When removing the bolt, keep the nut from rotating.



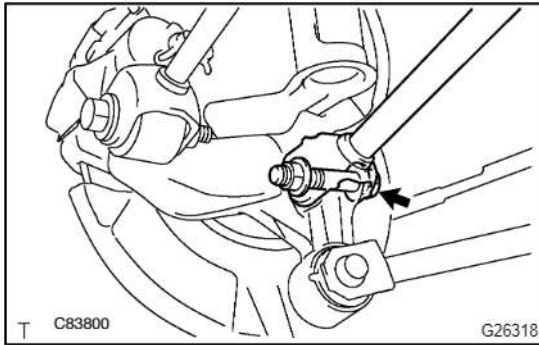
4. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH

- (a) Install the rear suspension arm assy No.1 (inner side) with the bolt, and temporarily tighten the bolt.



HINT:

Ensure that the paint mark on the rear suspension arm assy No.1 faces the rear side of the vehicle.

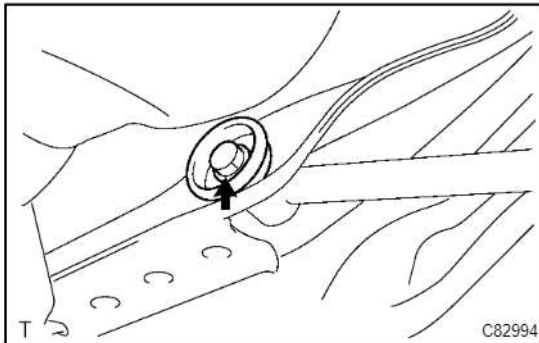


- (b) Connect the rear suspension arm assy No.1 (outer side) to the rear axle carrier with the bolt and nut and temporarily tighten the bolt and nut.

NOTICE:

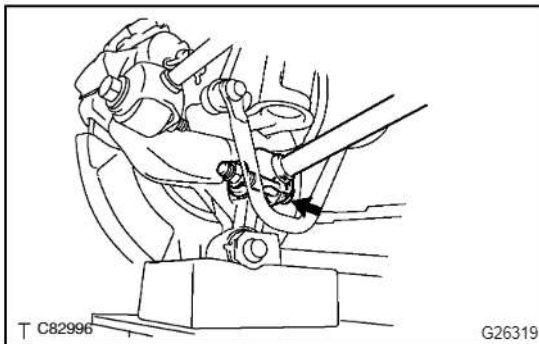
When installing the bolt, fix the nut and temporarily tighten the bolt.

5. STABILIZE SUSPENSION (SEE PAGE 27-13)



6. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH

- (a) Fully tighten the bolt.
Torque: 120 N·m (1,220 kgf·cm, 89 ft·lbf)



- (b) Fully tighten the bolt.
Torque: 112 N·m (1,140 kgf·cm, 83 ft·lbf)

7. INSTALL STABILIZER BAR REAR (SEE PAGE 27-27)

8. INSTALL REAR WHEEL

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

9. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE 27-5)

REAR SUSPENSION ARM ASSY NO.2 LH (4WD)

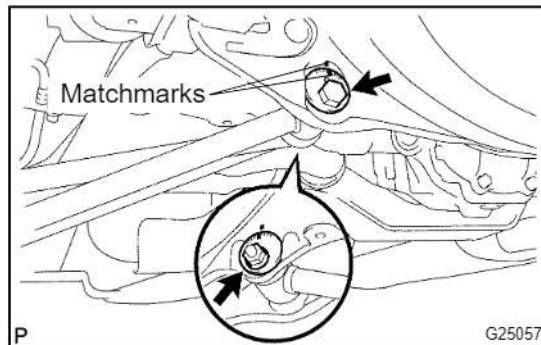
REPLACEMENT

27011-01

HINT:

COMPONENTS: See page 27-2.

1. REMOVE REAR WHEEL

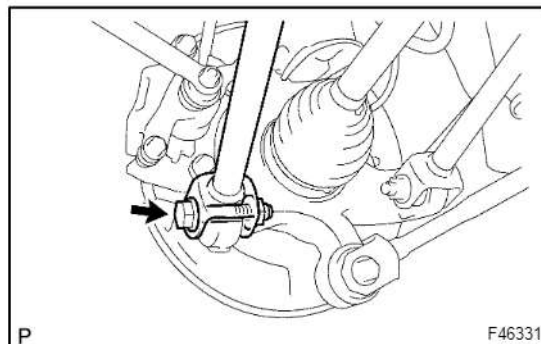


2. REMOVE REAR SUSPENSION ARM ASSY NO.2 LH

- Support the rear axle carrier with a jack.
- Place matchmarks on the adjust cam and rear suspension member sub-assy.
- Remove the nut, camber adjust cam and toe adjust cam, and disconnect the rear suspension arm assy No.2 (inner side).

NOTICE:

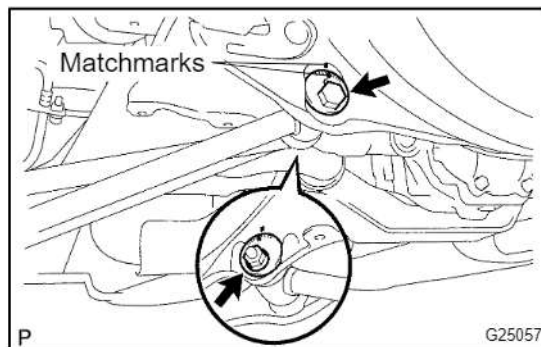
When removing the nut, keep the bolt from rotating.



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

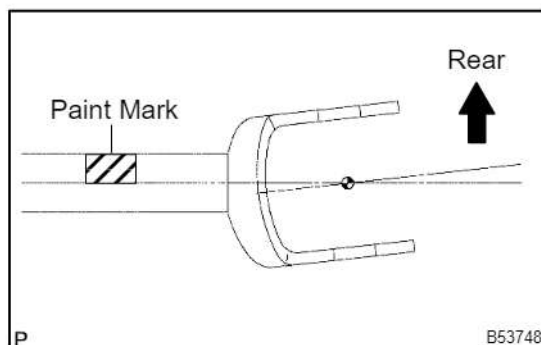
NOTICE:

When removing the bolt, keep the nut from rotating.



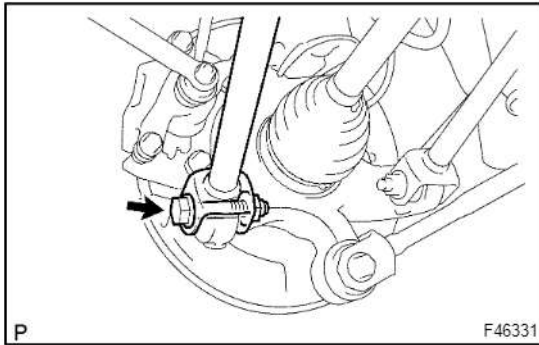
3. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

- Install the rear suspension arm No.2 (inner side) to the rear suspension member sub-assy with the camber adjust cam and toe adjust cam, and temporarily tighten the nut.



HINT:

Ensure that the paint mark on the rear suspension arm assy No.2 faces to the rear side of the vehicle.

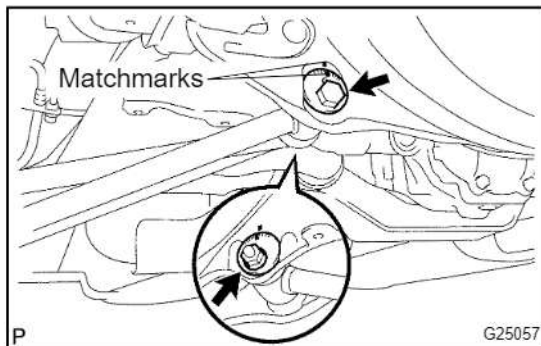


- (b) Connect the rear suspension arm assy No.2 (outer side) to the rear axle carrier with the bolt and nut.

NOTICE:

When installing the bolt, fix the nut and temporarily tighten the bolt.

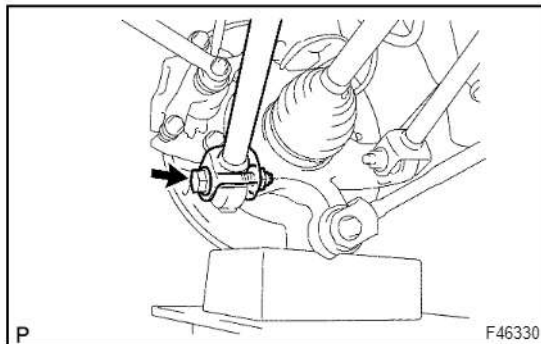
4. STABILIZE SUSPENSION (SEE PAGE 27-13)



5. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

- (a) Align the matchmarks on the adjust cams and rear suspension member sub-assy.
 (b) Fully tighten the nut.

Torque: 100 N·m (1,020 kgf·cm, 74 ft·lbf)



- (c) Fully tighten the bolt.

Torque: 112 N·m (1,140 kgf·cm, 83 ft·lbf)

6. INSTALL REAR WHEEL

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

7. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE 27-5)

STABILIZER BAR REAR (FF)

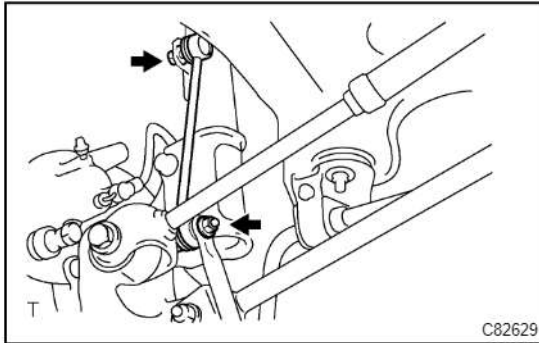
REPLACEMENT

270E1-04

HINT:

COMPONENTS: See page 27-2.

1. REMOVE REAR WHEEL



2. REMOVE REAR STABILIZER LINK ASSY LH

- (a) Remove the 2 nuts and stabilizer link.

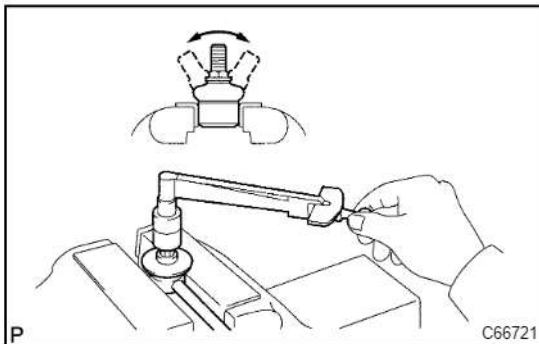
HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

3. REMOVE REAR STABILIZER LINK ASSY RH

HINT:

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



4. INSPECT REAR STABILIZER LINK ASSY LH

- (a) As shown in the illustration, flip the ball joint stud back and forth 5 times.
- (b) Using a torque wrench and nut, turn the ball joint continuously at a rate of 3 to 5 seconds per turn and take the torque reading on the 5th turn.

Turning torque:**1.0 N·m (10 kgf·cm, 9 in.-lbf) or less**

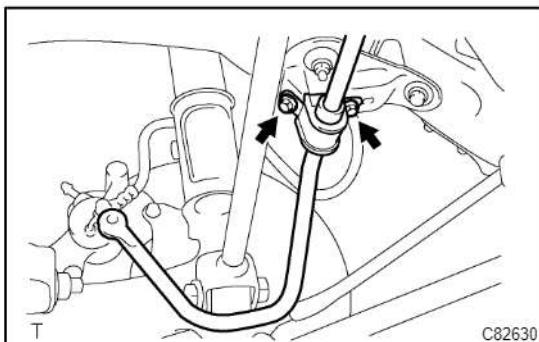
If the value is not within the specification, replace the rear stabilizer link assy with a new one.

NOTICE:

- Check that neither unusual drag nor rattle occurs during the rotation.
- Check that neither cracks nor grease leakage exists on the dust cover.

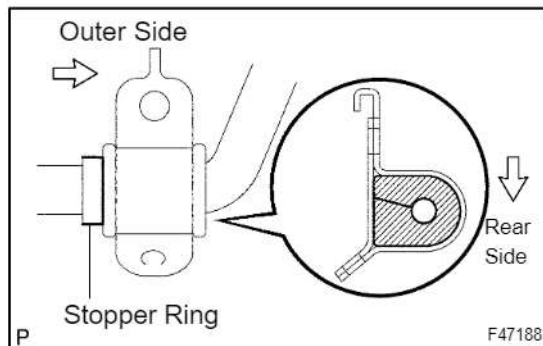
5. REMOVE REAR STABILIZER BAR BRACKET NO.1

- (a) Remove the 2 bolts and stabilizer bar bracket.

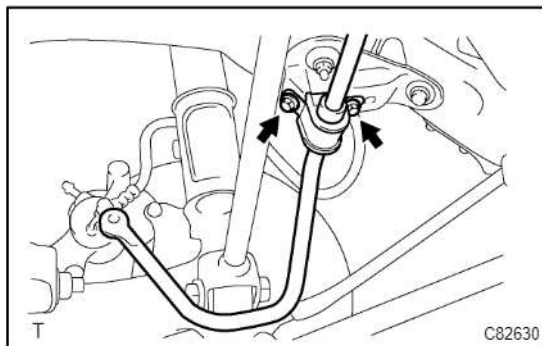


6. REMOVE STABILIZER BAR REAR

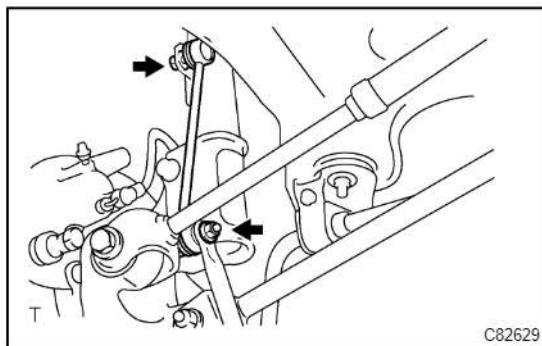
- (a) Remove the stabilizer bar and 2 stabilizer bush.

**7. INSTALL STABILIZER BAR REAR**

- (a) Install the stabilizer bush to the outer side of the stopper ring on the stabilizer bar.
 (b) Install the stabilizer bar.

**8. INSTALL REAR STABILIZER BAR BRACKET NO.1**

- (a) Install the stabilizer bar bracket with the 2 bolts.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

**9. INSTALL REAR STABILIZER LINK ASSY LH**

- (a) Install the stabilizer link with the 2 nuts.
Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

10. INSTALL REAR STABILIZER LINK ASSY RH**HINT:**

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

11. INSTALL REAR WHEEL

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

12. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE 27-5)

STABILIZER BAR REAR (4WD)

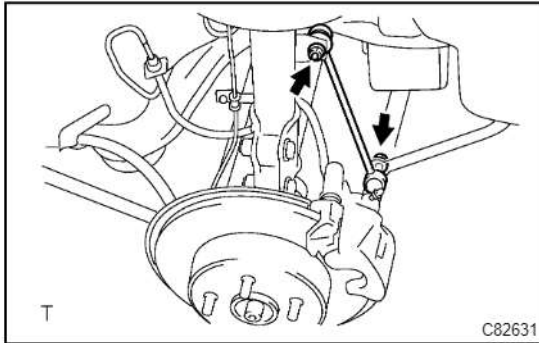
REPLACEMENT

270EJ-03

HINT:

COMPONENTS: See page 27-2.

1. REMOVE REAR WHEEL



2. REMOVE REAR STABILIZER LINK ASSY LH

- (a) Remove the 2 nuts and stabilizer link.

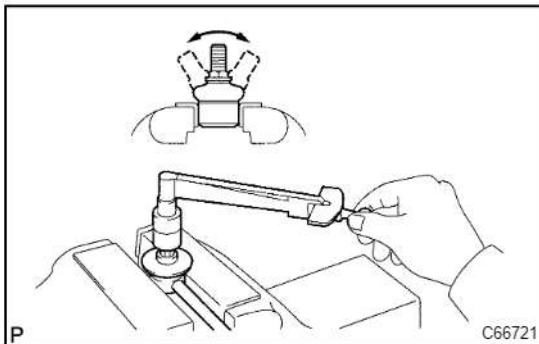
HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

3. REMOVE REAR STABILIZER LINK ASSY RH

HINT:

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



4. INSPECT REAR STABILIZER LINK ASSY LH

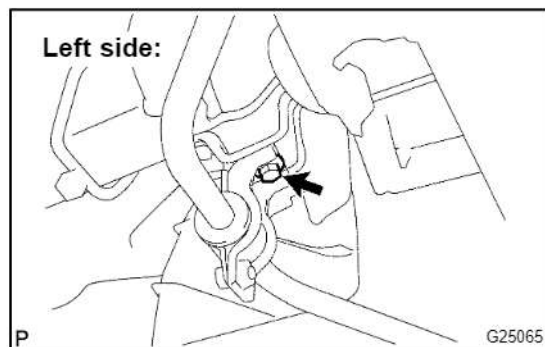
- (a) As shown in the illustration, flip the ball joint stud back and forth 5 times.
- (b) Using a torque wrench and nut, turn the ball joint continuously at a rate of 3 to 5 seconds per turn and take the torque reading on the 5th turn.

Turning torque:**1.0 N·m (10 kgf·cm, 9 in.-lbf) or less**

If the value is not within the specification, replace the rear stabilizer link assy with a new one.

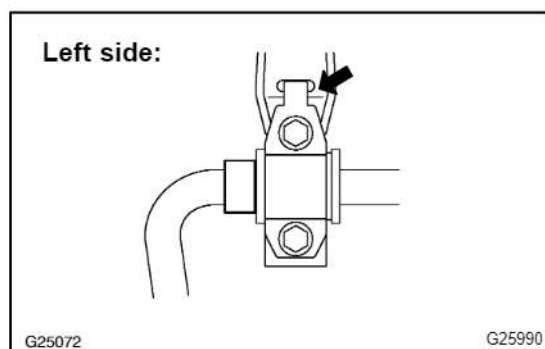
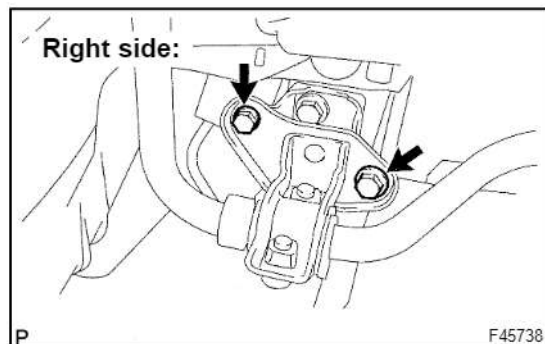
NOTICE:

- Check that neither unusual drag nor rattle occurs during the rotation.
- Check that neither cracks nor grease leakage exists on the dust cover.



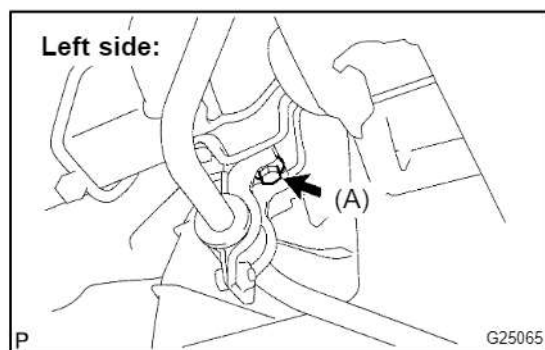
5. REMOVE STABILIZER BAR REAR

- (a) Remove the 3 bolts and stabilizer bar.



6. INSTALL STABILIZER BAR REAR

- (a) Install the stabilizer bracket.

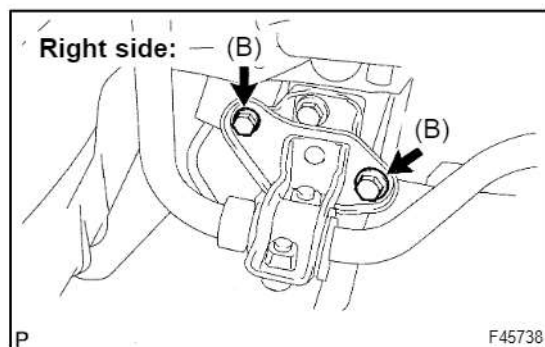


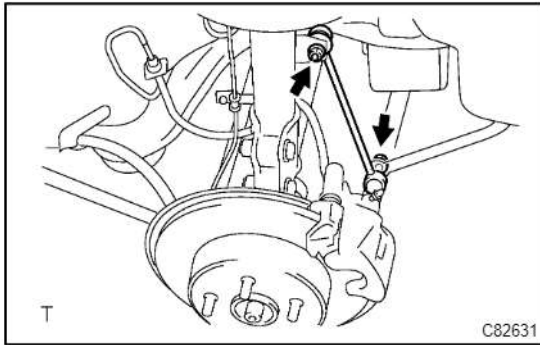
- (b) Install the stabilizer bar with the 3 bolts.

Torque:

Bolt A: 54 N·m (550 kgf·cm, 40 ft·lbf)

Bolt B: 19 N·m (194 kgf·cm, 14 ft·lbf)



**7. INSTALL REAR STABILIZER LINK ASSY LH**

(a) Install the stabilizer link with the 2 nuts.

Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon wrench (5 mm) to hold the stud.

8. INSTALL REAR STABILIZER LINK ASSY RH

HINT:

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

9. INSTALL REAR WHEEL

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

10. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE [27-5](#))

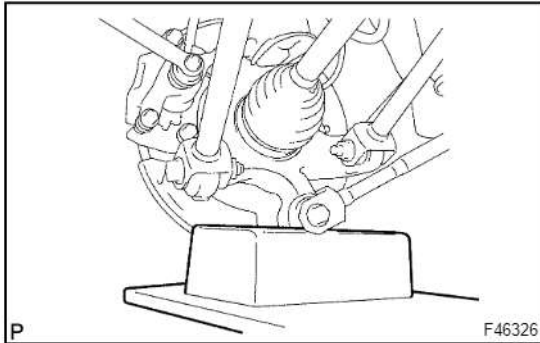
STRUT ROD ASSY REAR REPLACEMENT

270EE-03

HINT:

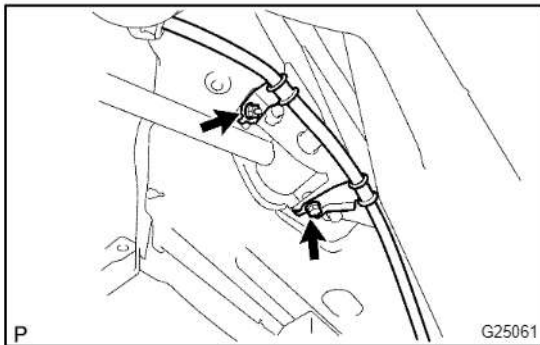
COMPONENTS: See page 27-2 .

1. REMOVE REAR WHEEL

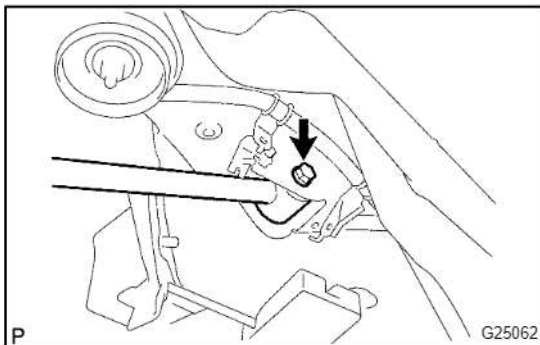


2. REMOVE STRUT ROD ASSY REAR

(a) Support the rear axle carrier with a jack.



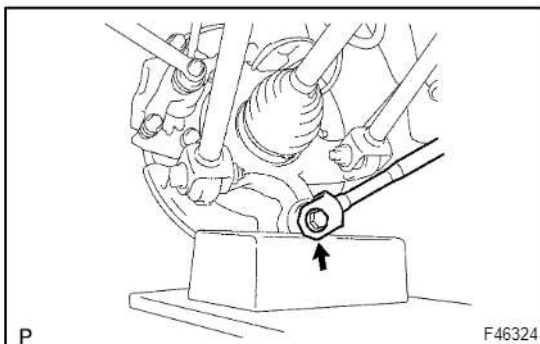
(b) Remove the bolt and nut, and separate the parking brake cable.



(c) Remove the bolt and nut, and disconnect the strut rod (front side).

NOTICE:

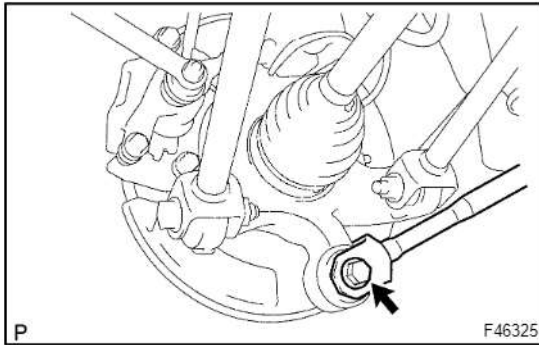
When removing the bolt, keep the nut from rotating.



(d) Remove the bolt, nut and strut rod from the rear axle carrier.

NOTICE:

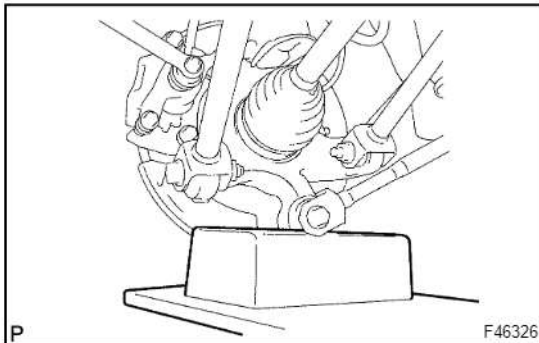
When removing the bolt, keep the nut from rotating.



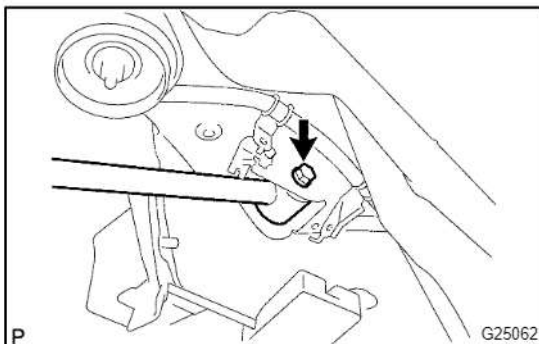
- 3. TEMPORARILY TIGHTEN STRUT ROD ASSY REAR**
 (a) Install the strut rod (rear side), bolt and nut, and temporarily tighten the bolt.

NOTICE:

When installing the bolt, fix the nut and temporarily tighten the bolt.



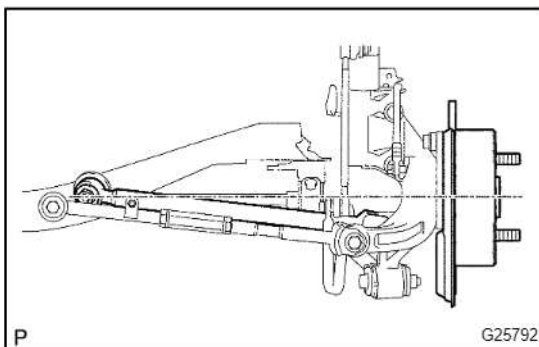
- (b) Support the rear axle carrier.



- (c) Connect the strut rod (front side) with the bolt and nut.

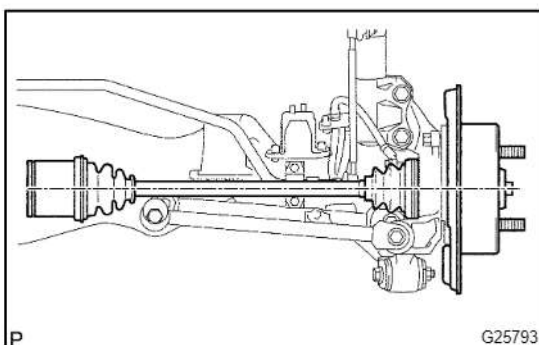
NOTICE:

When installing the bolt, fix the nut and temporarily tighten the bolt.

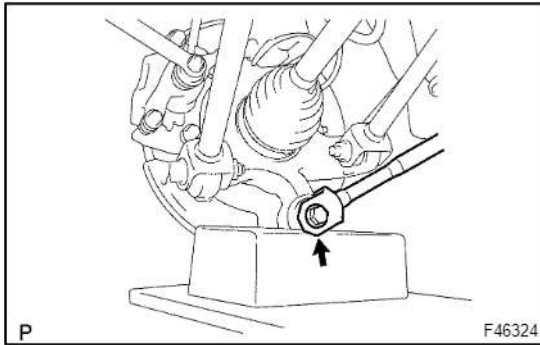


4. STABILIZE SUSPENSION

- (a) FF:
 Jack up the rear axle carrier, placing a wood block to avoid damage. Apply load to the suspension so that the installed bolt of the suspension arm assy No.1 (inner side of the vehicle) is horizontally aligned with the center of the rear axle hub.



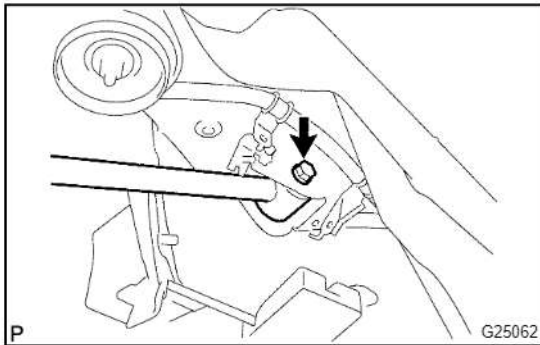
- (b) 4WD:
 Jack up the rear axle carrier, placing a wood block to avoid damage. Apply load to the suspension so that the rear drive shaft assy is horizontally positioned.



5. FULLY TIGHTEN STRUT ROD ASSY REAR

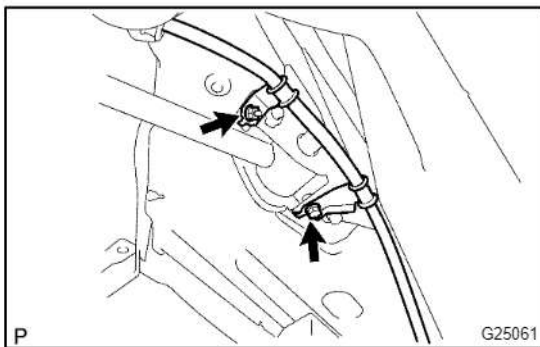
(a) Fully tighten the bolt.

Torque: 80 N·m (816 kgf·cm, 59 ft·lbf)



(b) Fully tighten the bolt.

Torque: 80 N·m (816 kgf·cm, 59 ft·lbf)



(c) Install the parking brake cable with the bolt and nut.

Torque:

Bolt: 39 N·m (400 kgf·cm, 29 ft·lbf)

Nut: 6.0 N·m (61 kgf·cm, 53 in·lbf)

6. INSTALL REAR WHEEL

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

7. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE 27-5)

REAR SUSPENSION ARM ASSY NO.1 LH (4WD)

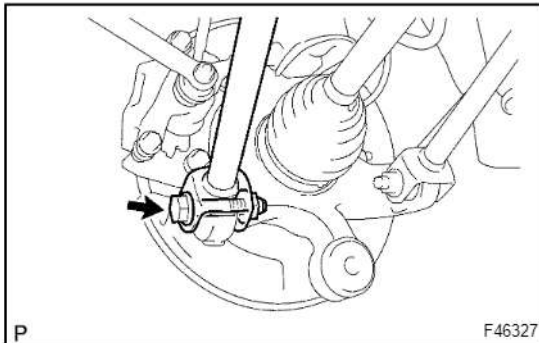
REPLACEMENT

270HZ-01

HINT:

COMPONENTS: See page 27-2 .

1. **REMOVE REAR WHEEL**
2. **REMOVE EXHAUST PIPE ASSY**
 - (a) 2AZ-FE (see page 15-2)
 - (b) 3MZ-FE (see page 15-5)
3. **REMOVE PROPELLER W/CENTER BEARING SHAFT ASSY (SEE PAGE 30-12)**
SST 09325-20010
4. **REMOVE STRUT ROD ASSY REAR (SEE PAGE 27-13)**



5. **SEPARATE REAR SUSPENSION ARM ASSY NO.2 LH**
 - (a) Remove the bolt, nut and the rear suspension arm assembly No.2 (outer side) from the rear axle carrier.

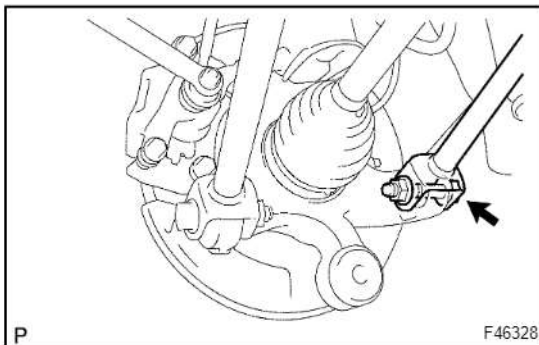
NOTICE:

When removing the bolt, keep the nut from rotating.

6. **SEPARATE REAR SUSPENSION ARM ASSY NO.2 RH**

HINT:

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



7. **SEPARATE REAR SUSPENSION ARM ASSY NO.1 LH**
 - (a) Remove the bolt, nut and the rear suspension arm assembly No.1 (outer side) from the rear axle carrier.

NOTICE:

When removing the bolt, keep the nut from rotating.

8. **SEPARATE REAR SUSPENSION ARM ASSY NO.1 RH**

HINT:

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

9. **REMOVE SPEED SENSOR REAR LH (SEE PAGE 30-60)**
10. **REMOVE SPEED SENSOR REAR RH**

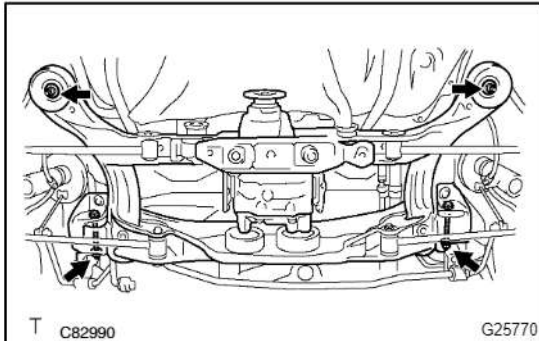
HINT:

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

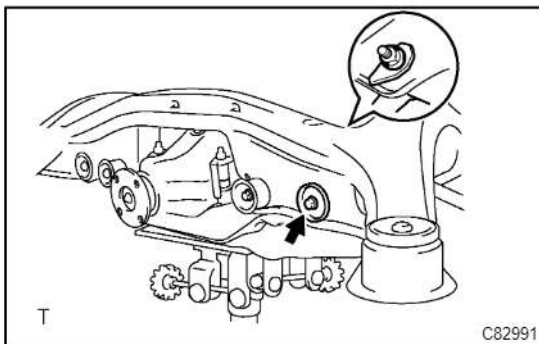
11. **REMOVE REAR DRIVE SHAFT ASSY LH (SEE PAGE 30-45)**

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

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

**13. REMOVE REAR SUSPENSION MEMBER SUB-ASSY**

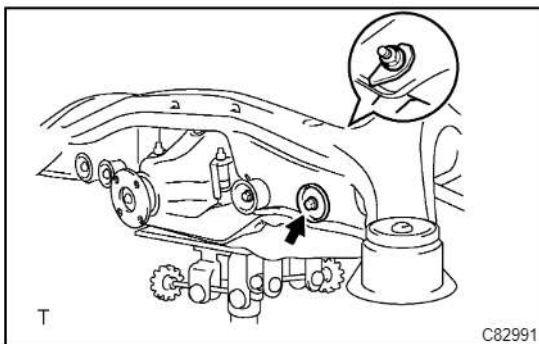
- (a) Support the rear suspension member with a jack.
- (b) Remove the 4 nuts, 2 bolts and 2 retainers from the rear suspension member.
- (c) Lower the rear suspension member.

**14. REMOVE REAR SUSPENSION ARM ASSY NO.1 LH**

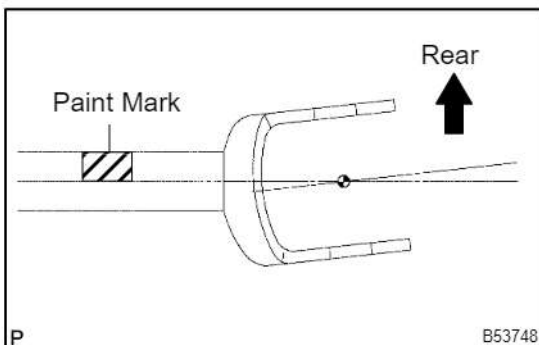
- (a) Remove the bolt, nut and rear suspension arm assy No.1.

NOTICE:

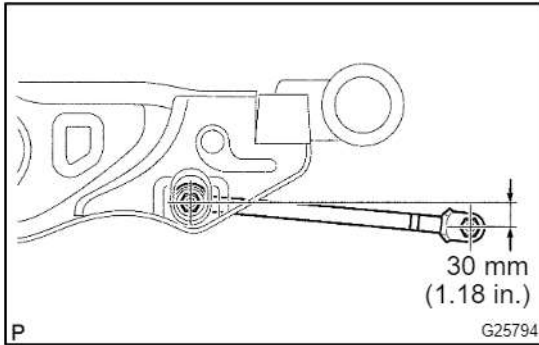
When removing the bolt, keep the nut from rotating.

**15. INSTALL REAR SUSPENSION ARM ASSY NO.1 LH**

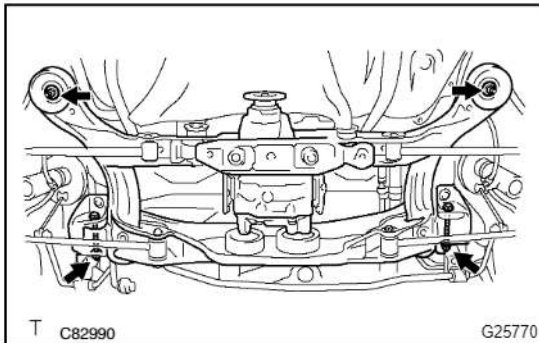
- (a) Install the rear suspension arm assy No.1 with the bolt and nut, and temporarily tighten the bolt.

**HINT:**

Ensure that the paint mark on the rear suspension arm assy No.1 faces the rear side of the vehicle.



- (b) Set the rear suspension arm assy No.1 in the position shown in the illustration, and fully tighten the bolt.
Torque: 80 N·m (816 kgf·cm, 59 ft·lbf)



16. INSTALL REAR SUSPENSION MEMBER SUB-ASSY

- (a) Raise the rear suspension member with a jack.
 (b) Install the rear suspension member with the 4 nuts, 2 bolts and 2 retainers.

Torque:

Front side: 115 N·m (1,170 kgf·cm, 85 ft·lbf)

Rear side: 181 N·m (1,850 kgf·cm, 134 ft·lbf)

17. INSTALL REAR DRIVE SHAFT ASSY LH (SEE PAGE 30-45)

18. INSTALL REAR DRIVE SHAFT ASSY RH

HINT:

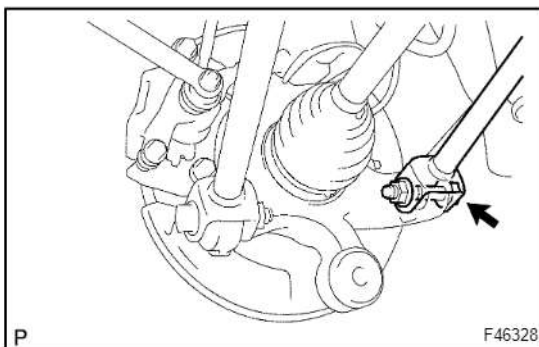
Install the RH side using the same procedures as for the LH side.

19. INSTALL SPEED SENSOR REAR LH (SEE PAGE 30-60)

20. INSTALL SPEED SENSOR REAR RH

HINT:

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



21. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH

- (a) Install the rear suspension arm assy No.1 (outer side) to the rear axle carrier, and temporarily tighten the bolt.

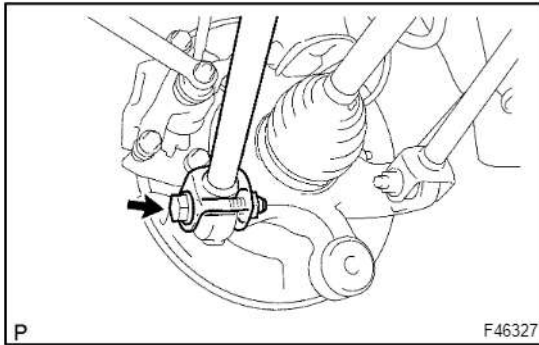
NOTICE:

When installing the bolt, fix the nut and temporarily tighten the bolt.

22. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 RH

HINT:

Temporarily tighten the RH side using the same procedures as for the LH side.



23. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

- (a) Install the rear suspension arm No. 2 (outer side) to the rear axle carrier, and temporarily tighten the bolt.

NOTICE:

When installing the bolt, fix the nut and temporarily tighten the bolt.

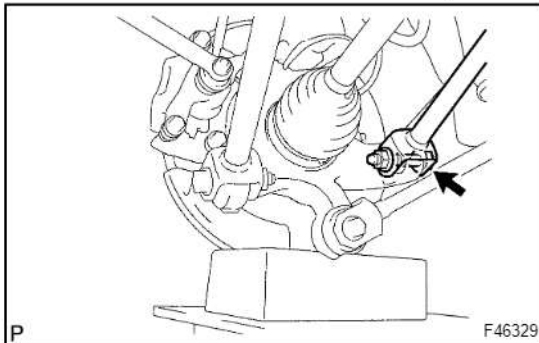
24. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 RH

HINT:

Temporarily tighten the RH side using the same procedures as for the LH side.

25. TEMPORARILY TIGHTEN STRUT ROD ASSY REAR (SEE PAGE 27-13)

26. STABILIZE SUSPENSION (SEE PAGE 27-13)



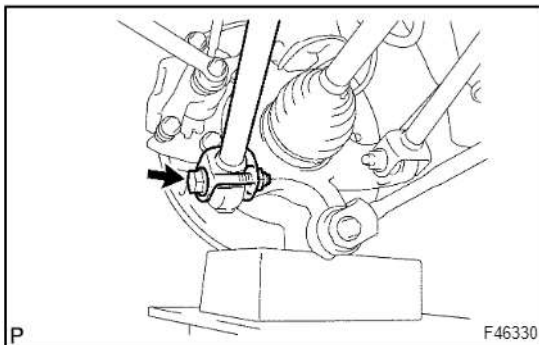
27. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH

- (a) Fully tighten the bolt.
Torque: 112 N·m (1,140 kgf·cm, 83 ft·lbf)

28. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 RH

HINT:

Fully tighten the RH side using the same procedures as for the LH side.



29. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

- (a) Fully tighten the bolt.
Torque: 112 N·m (1,140 kgf·cm, 83 ft·lbf)

30. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 RH

HINT:

Fully tighten the RH side using the same procedures as for the LH side.

31. FULLY TIGHTEN STRUT ROD ASSY REAR (SEE PAGE 27-13)

32. INSTALL REAR WHEEL

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

33. TEMPORARILY TIGHTEN PROPELLER W/CENTER BEARING SHAFT ASSY (SEE PAGE 30-12)

34. FULLY TIGHTEN PROPELLER W/CENTER BEARING SHAFT ASSY (SEE PAGE 30-12)

35. INSTALL EXHAUST PIPE ASSY

- (a) 2AZ-FE (see page [15-2](#))
- (b) 3MZ-FE (see page [15-5](#))

36. CHECK FOR EXHAUST GAS LEAKS**37. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE [27-5](#))****38. CHECK ABS SPEED SENSOR SIGNAL (SEE PAGE [05-765](#))**

REAR SUSPENSION ARM ASSY NO.2 LH (FF)

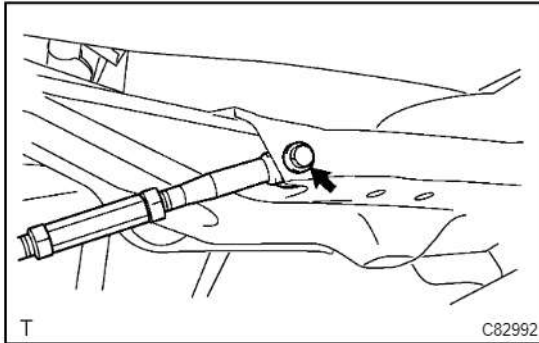
REPLACEMENT

27010-01

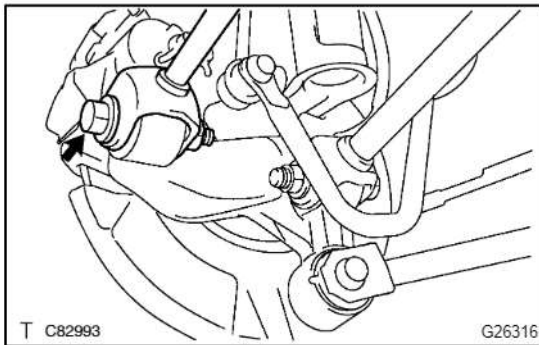
HINT:

COMPONENTS: See page 27-2.

1. REMOVE REAR WHEEL



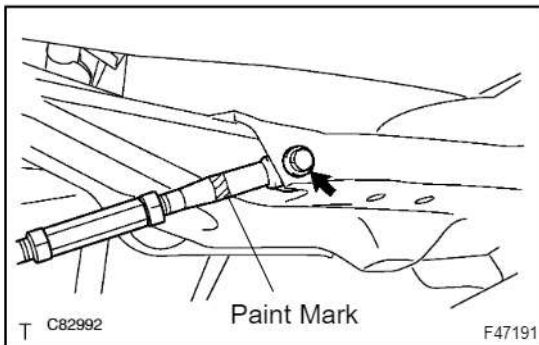
- 2. REMOVE REAR SUSPENSION ARM ASSY NO.2 LH**
- (a) Support the rear axle carrier with a jack.
 - (b) Remove the bolt, and disconnect the rear suspension arm assy No.2 (inner side).



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

NOTICE:

When removing the bolt, keep the nut from rotating.

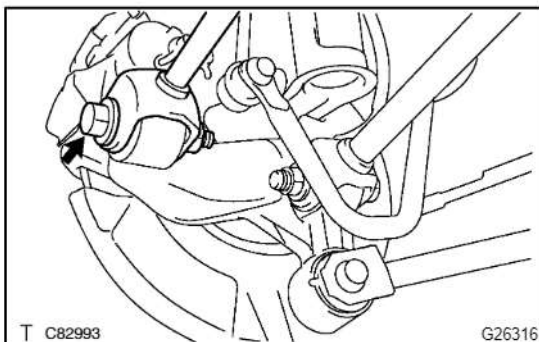


3. TEMPORARILY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

- (a) Install the rear suspension arm assy No.2 (inner side) with the bolt, and temporarily tighten the bolt.

HINT:

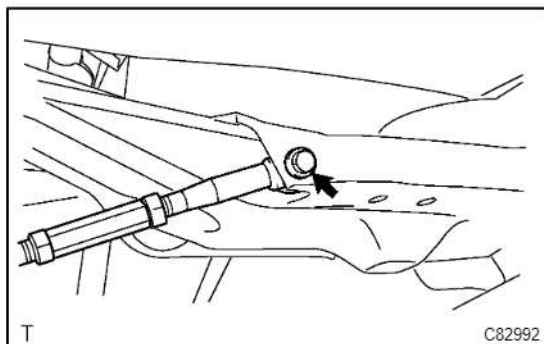
Ensure that the paint mark on the rear suspension arm assy No.2 faces the rear side of the vehicle.



- (b) Connect the rear suspension arm assy No.2 (outer side) to the rear axle carrier with the bolt and nut, and temporarily tighten the bolt.

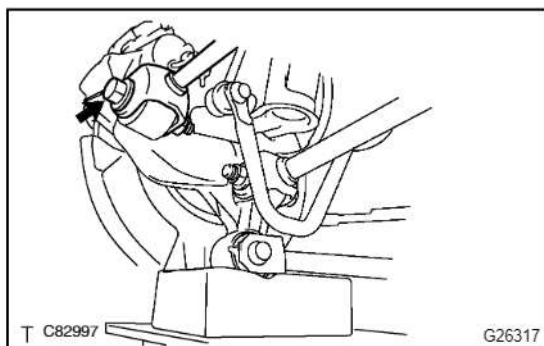
NOTICE:

When installing the bolt, fix the nut and temporarily tighten the bolt.

4. STABILIZE SUSPENSION (SEE PAGE 27-13)**5. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH**

(a) Fully tighten the bolt.

Torque: 120 N·m (1,220 kgf·cm, 89 ft·lbf)



(b) Fully tighten the bolt.

Torque: 112 N·m (1,140 kgf·cm, 83 ft·lbf)

6. INSTALL REAR WHEEL

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

7. INSPECT REAR WHEEL ALIGNMENT (SEE PAGE 27-5)