

270DB-02

2WD DRIVE TYPE:

Exhaust Pipe Assy Tail

43 (438, 32)

Rear Coil Spring Insulator Upper LH

Coil Spring Rear LH

Rear Axle Beam Assy

Rear Axle Beam Damper

Rear Brake Tube Flexible Hose

Rear Axle Bearing Retainer Inner LH

8.0 (82, 71 in. lbf)

135 (1,377, 100)

Rear Floor No.2 Crossmember Brace LH

◆ Rear Axle Carrier Bush LH

28 (286, 21)

Parking Brake Cable Assy No.3

◆ 30 (310, 22)

Rear Shock Absorber Cushion No.1

Rear Shock Absorber LH Cushion Retainer

Rear Spring Bumper No.1 LH

Shock Absorber Head Cover

Rear Shock Absorber Cap LH

Shock Absorber Assy Rear LH

115 (1,173, 85)

8.0 (82, 71 in. lbf)

Clip

15 (153, 11)

Rear Brake Tube No.2

Rear Brake Tube No.4

Skid Control Sensor Wire

8.0 (82, 71 in. lbf)

Brake Backing Plate Sub-assy Rear LH

Rear Axle Hub & Bearing Assy LH

Rear Brake Drum Sub-assy

56 (571, 41)

8.0 (82, 71 in. lbf)

88 (897, 65)

8.0 (82, 71 in. lbf)

56 (571, 41)

Rear Disc Brake Caliper Assy LH

Rear Axle Hub & Bearing Assy LH

Rear Disc

Parking Brake Plate Sub-assy LH

DISC REAR BRAKE TYPE:

8.0 (82, 71 in. lbf)

8.0 (82, 71 in. lbf)

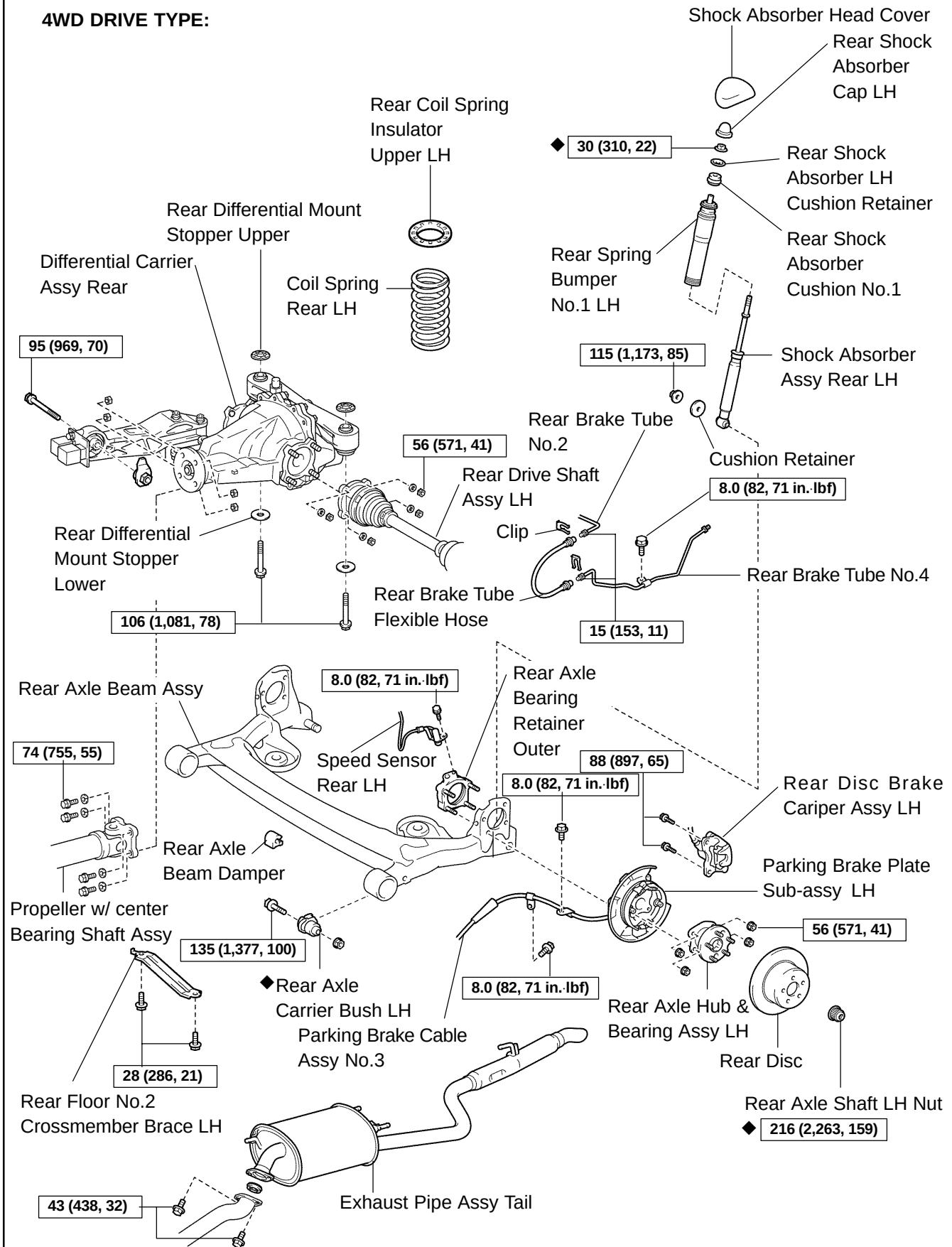
8.0 (82, 71 in. lbf)

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

◆ Non-reusable part

G248A

4WD DRIVE TYPE:

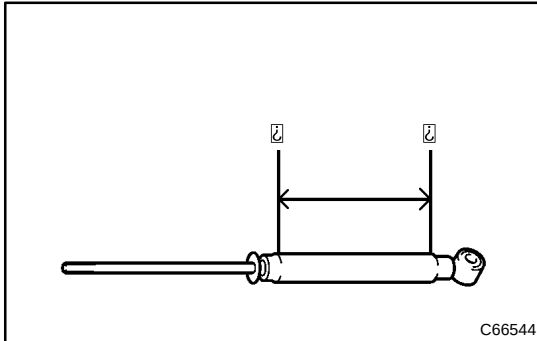


N·m (kgf·cm, ft·lbf) : Specified torque

P ◆ Non-reusable part

G24848

DISPOSAL



1. DISPOSE SHOCK ABSORBER ASSY REAR LH

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

CAUTION:

- When drilling, since the fragments may fly out, work carefully.
- The discharged gas is colorless, odorless and non-poisonous.

REAR WHEEL ALIGNMENT

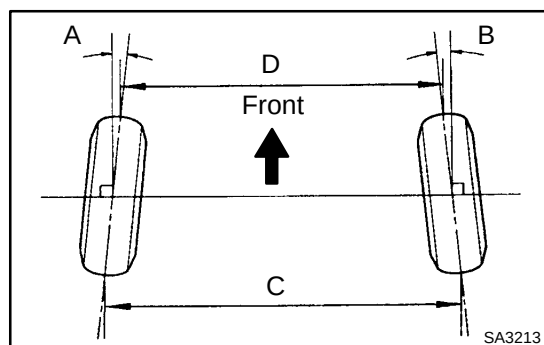
270DS-01

INSPECTION

1. INSPECT TIRE (See page 28-1)
2. MEASURE VEHICLE HEIGHT (See page 26-7)

NOTICE:

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



3. INSPECT TOE-IN

Toe-in:

2WD DRIVE TYPE Tire size	Toe-in (total)
215/65R 16	A + B: $0^{\circ}15' \pm 17'$ ($0.25^{\circ} \pm 0.28^{\circ}$) C - D: 2.7 ± 3.0 mm (0.11 ± 0.12 in.)
225/60R 17	A + B: $0^{\circ}15' \pm 17'$ ($0.25^{\circ} \pm 0.28^{\circ}$) C - D: 2.8 ± 3.0 mm (0.11 ± 0.12 in.)
4WD DRIVE TYPE Tire size	Toe-in (total)
225/60R 17	A + B: $0^{\circ}07' \pm 17'$ ($0.12^{\circ} \pm 0.28^{\circ}$) C - D: 1.3 ± 3.0 mm (0.05 ± 0.12 in.)

If the toe-in is not within the specified value, inspect the suspension parts and replace them if necessary.

4. INSPECT CAMBER

- (a) Install the camber-caster-kingpin gauge or position the vehicle on the wheel alignment tester.
- (b) Inspect the camber.

Camber:

2WD DRIVE TYPE: Camber	Right-left error	$-1^{\circ}22' \pm 30'$ ($-1.37^{\circ} \pm 0.5^{\circ}$) 30' (0.5°) or less
4WD DRIVE TYPE: Camber	Right-left error	$-1^{\circ}25' \pm 30'$ ($-1.42^{\circ} \pm 0.5^{\circ}$) 30' (0.5°) or less

If the measured value is not within the specified value, inspect the suspension parts for damage and/or wear and replace them if necessary because camber is not adjustable.

REAR SUSPENSION SYSTEM

270DQ-01

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/pulls	1. Tire (Worn or improperly inflated) 2. Wheel alignment (Incorrect) 3. Steering linkage (Loose or worn) 4. Hub bearing (Worn) 5. Suspension parts (Worn)	28-1 26-7 27-4 - 30-3 -
Bottoming	1. Vehicle (Overloaded) 2. Spring (Weak) 3. Shock absorber (Worn)	- 27-10 27-5
Sways/pitches	1. Tire (Worn or improperly inflated) 2. Stabilizer bar (Bent or broken) 3. Shock absorber (Worn)	28-1 26-21 26-24 27-5
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 27-5 26-7 27-4 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 27-4 27-4 27-5 -

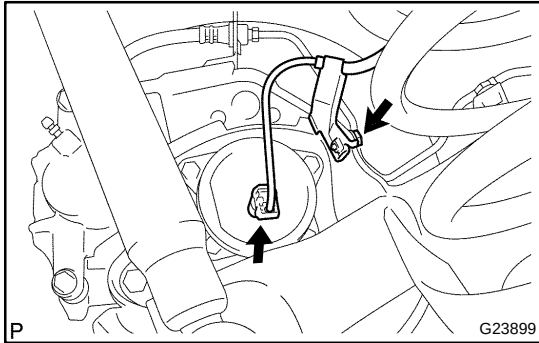
COIL SPRING REAR LH REPLACEMENT

270DV-02

HINT:

COMPONENTS: See page 27-2

1. REMOVE REAR WHEEL

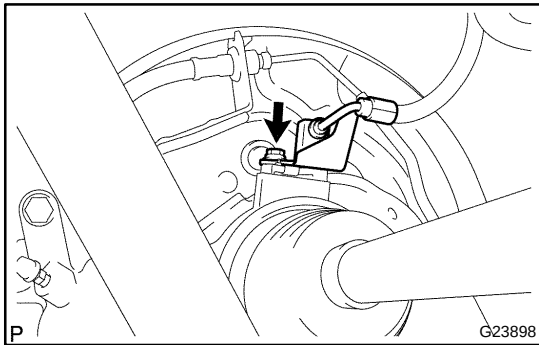


2. DISCONNECT SKID CONTROL SENSOR WIRE (2WD DRIVE TYPE)

- (a) Disconnect the skid control sensor connector.
- (b) Remove the bolt and disconnect the bracket from the rear axle beam assy.

HINT:

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



3. SEPARATE SPEED SENSOR REAR LH (4WD DRIVE TYPE)

- (a) Remove the bolt and speed sensor rear LH.

4. SEPARATE SPEED SENSOR REAR RH (4WD DRIVE TYPE)

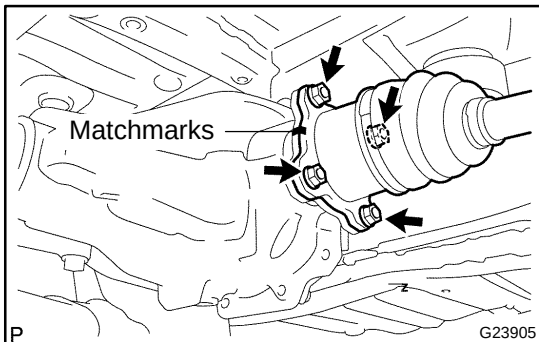
HINT:

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

5. REMOVE EXHAUST PIPE ASSY TAIL

- (a) 2WD DRIVE TYPE (See page 15-2)
- (b) 4WD DRIVE TYPE (See page 15-6)

6. REMOVE PROPELLER W/CENTER BEARING SHAFT ASSY (4WD DRIVE TYPE) (See page 30-6)



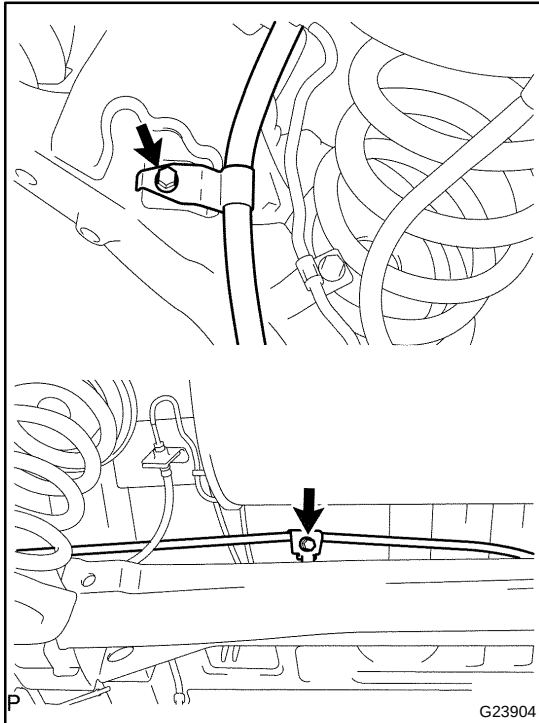
7. SEPARATE REAR DRIVE SHAFT ASSY LH (4WD DRIVE TYPE)

- (a) Place matchmarks on the rear drive shaft assy LH and differential flange.
- (b) Remove the 4 nuts and 4 washers, separate rear drive shaft assy LH.

8. SEPARATE REAR DRIVE SHAFT ASSY RH (4WD DRIVE TYPE)

HINT:

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

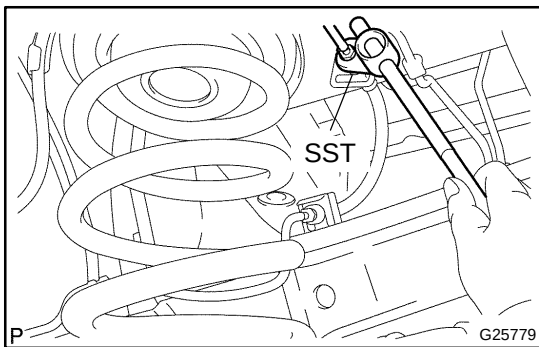
9. REMOVE DIFFERENTIAL CARRIER ASSY REAR (4WD DRIVE TYPE) (See page 29-10)**10. SEPARATE PARKING BRAKE CABLE ASSY NO.3**

- (a) Remove the 2 bolts and parking brake cable assy No.3.

11. SEPARATE PARKING BRAKE CABLE ASSY NO.2

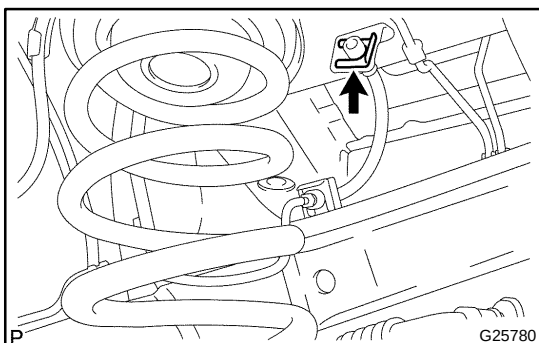
HINT:

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

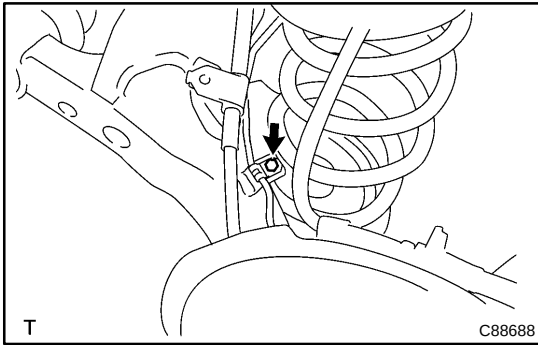
**12. SEPARATE REAR BRAKE TUBE NO.2**

- (a) Using SST, separate the brake tube from the flexible hose. Catch the brake fluid with a container as it drains out.

SST 09023-00101



- (b) Remove the clip, and separate the flexible hose.



- (c) Remove the bolt and separate the brake tube from rear axle beam assy.

13. SEPARATE REAR BRAKE TUBE NO.1

SST 09023-00101

HINT:

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

14. REMOVE FUEL TANK FILLER HOSE COVER

- (a) Remove the 2 bolts, 3 screws, 3 nuts and fuel tank filler pipe protector.
- (b) Remove the 3 bolts and fuel tank filler hose cover.

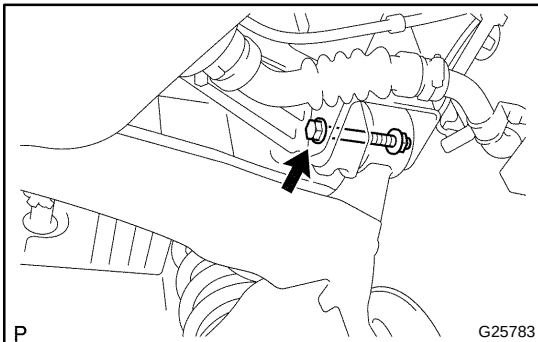
15. REMOVE REAR FLOOR NO.2 CROSSMEMBER BRACE LH

- (a) Remove the 2 bolts and floor No.2 crossmember brace.

16. REMOVE REAR FLOOR NO.2 CROSSMEMBER BRACE RH

HINT:

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



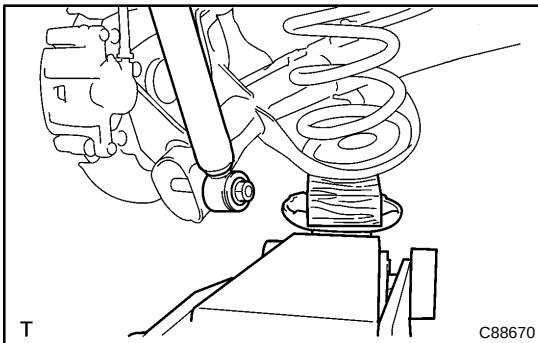
17. LOOSEN REAR AXLE BEAM ASSY

HINT:

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

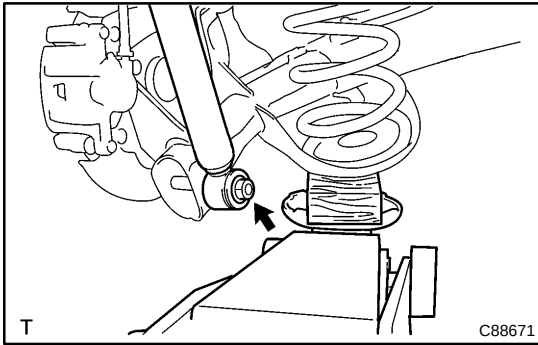
NOTICE:

- When loosening the bolt, hold the nut not to rotate.
- Do not remove the bolt and nut.



18. SEPARATE SHOCK ABSORBER ASSY REAR LH

- (a) Support the rear axle beam assy with a jack.

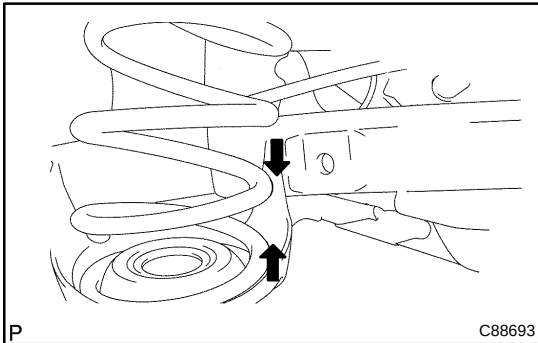


- (b) Remove the bolt and separate the shock absorber assy rear LH.

19. SEPARATE SHOCK ABSORBER ASSY REAR RH

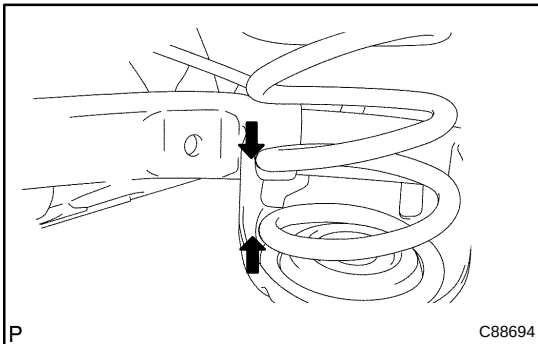
HINT:

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

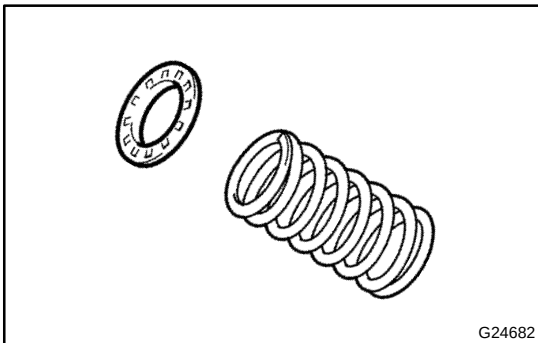


20. REMOVE COIL SPRING REAR LH

- (a) Apply a shop rug between the coil spring rear LH and rear axle beam assy.

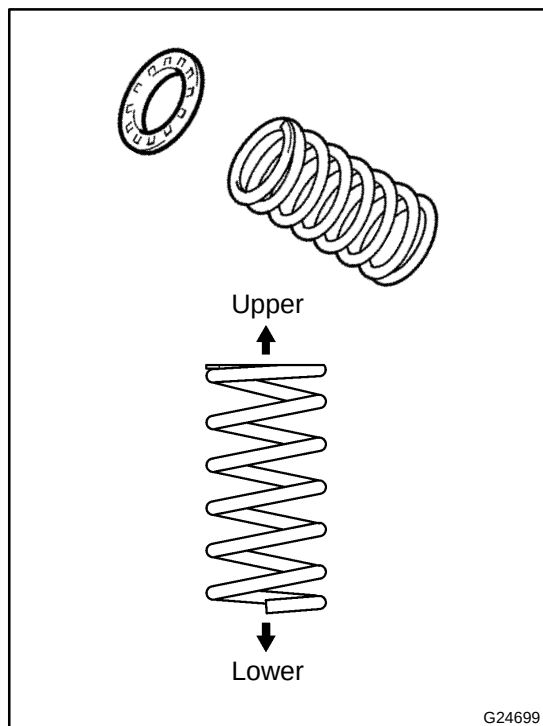


- (b) Apply a shop rug between the coil spring rear RH and rear axle beam assy.
(c) Remove the coil spring LH by slowly lowering the jack.

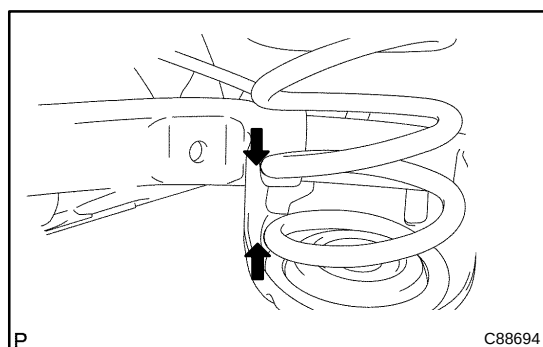


21. REMOVE REAR COIL SPRING INSULATOR UPPER LH

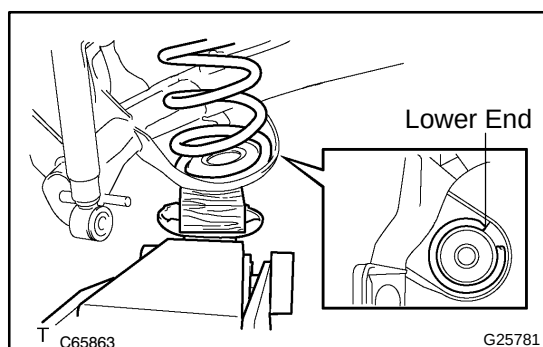
- (a) Remove the rear coil spring insulator upper LH from the coil spring rear LH.



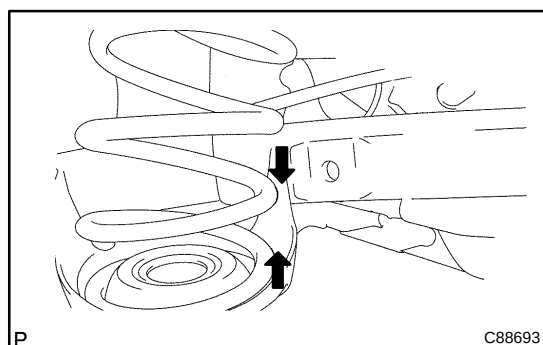
- 22. INSTALL REAR COIL SPRING INSULATOR UPPER LH**
 (a) Install the insulator upper LH to the coil spring rear LH.



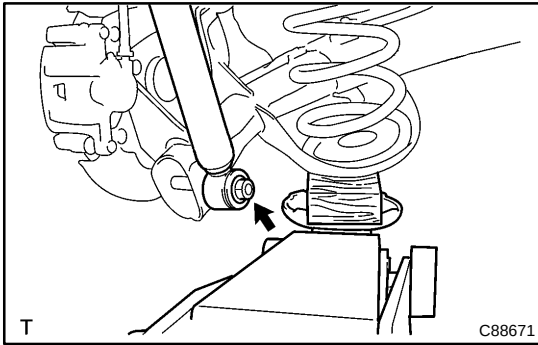
- 23. INSTALL COIL SPRING REAR LH**
 (a) Apply a shop rug to the rear axle beam assy.



- (b) Install the coil spring rear LH to the rear axle beam assy.
 HINT:
 Fit the lower end of the coil spring into the gap of the spring lower seat.



- (c) Apply a shop rug to the rear axle beam assy.

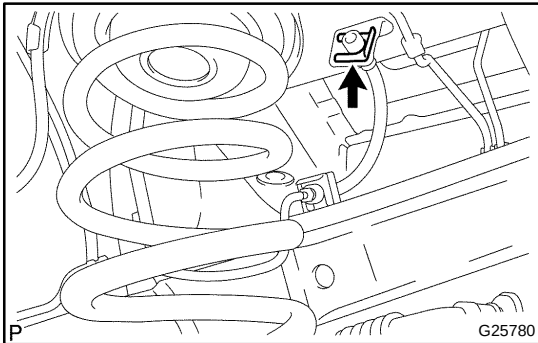
**24. CONNECT SHOCK ABSORBER ASSY REAR LH**

- (a) While raising the jack, connect the shock absorber assy rear LH to the rear axle beam assy.
- (b) Temporarily tighten the nut.

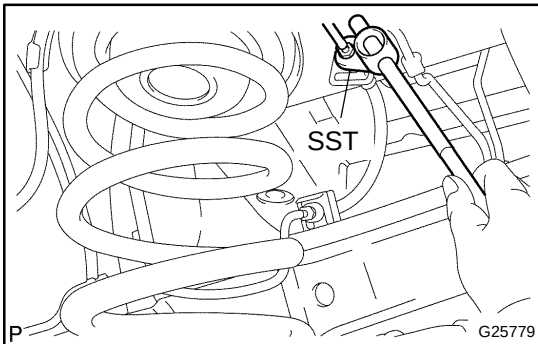
25. CONNECT SHOCK ABSORBER ASSY REAR RH

HINT:

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

**26. CONNECT REAR BRAKE TUBE NO.2**

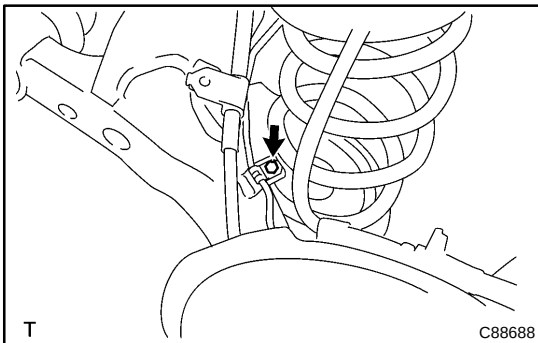
- (a) Install the flexible hose and clip.



- (b) Using SST, connect the brake tube to the flexible hose.

Torque: 15 N·m (153 kgf·cm, 11 ft·lbf)

SST 09023-00101



- (c) Install the bolt.

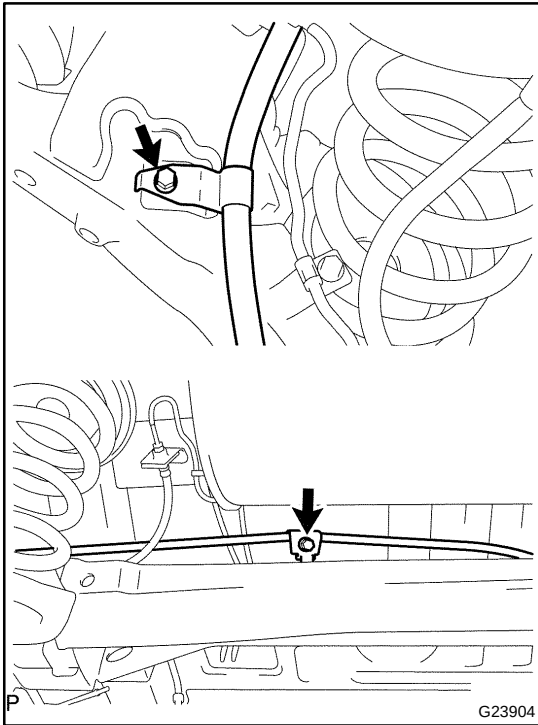
Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

27. CONNECT REAR BRAKE TUBE NO.1

SST 09023-00101

HINT:

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

**28. INSTALL PARKING BRAKE CABLE ASSY NO.3**

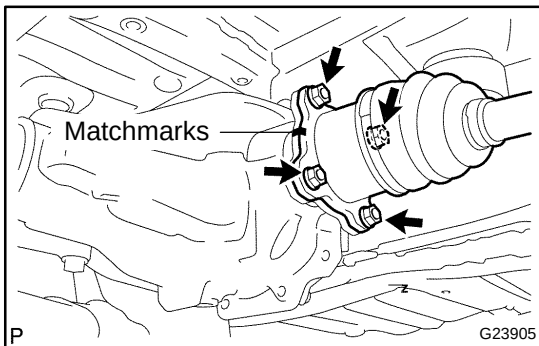
- (a) Install the 2 bolts and parking brake cable assy No.3 to the rear axle beam assy.

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

29. INSTALL PARKING BRAKE CABLE ASSY NO.2

HINT:

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

30. INSTALL DIFFERENTIAL CARRIER ASSY REAR (4WD DRIVE TYPE) (See page 29-10)**31. INSTALL REAR DRIVE SHAFT ASSY LH (4WD DRIVE TYPE)**

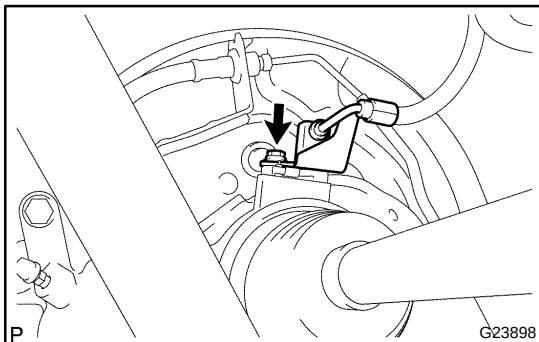
- (a) Install the rear drive shaft assy LH, 4 washers and 4 nuts.

Torque: 56 N·m (571 kgf·cm, 41 ft·lbf)

32. INSTALL REAR DRIVE SHAFT ASSY RH (4WD DRIVE TYPE)

HINT:

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

**33. INSTALL PROPELLER W/CENTER BEARING SHAFT ASSY (4WD DRIVE TYPE)
(See page 30-6)****34. INSTALL SPEED SENSOR REAR LH (4WD DRIVE TYPE)**

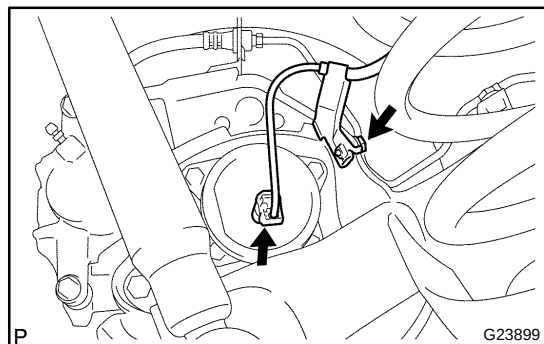
- (a) Install the speed sensor rear LH and bolt.

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

35. INSTALL SPEED SENSOR REAR RH (4WD DRIVE TYPE)

HINT:

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

**36. CONNECT SKID CONTROL SENSOR WIRE (2WD DRIVE TYPE)**

- (a) Connect the skid control sensor connector.
- (b) Install the bolt and bracket to the rear axle beam assy.

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

HINT:

Connect the RH side by same procedures with the LH side.

37. INSTALL EXHAUST PIPE ASSY TAIL

- (a) 2WD DRIVE TYPE (See page 15-2)

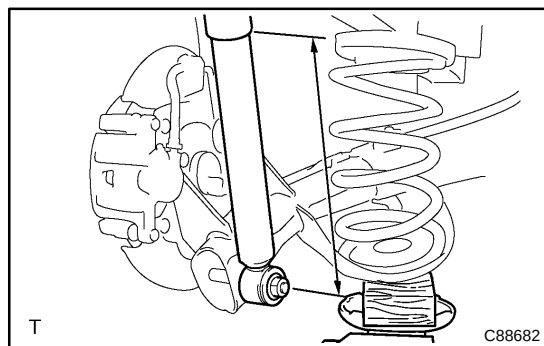
- (b) 4WD DRIVE TYPE (See page 15-6)

38. BLEED BRAKE LINE (See page 32-4)**39. INSPECT BRAKE FLUID LEVEL IN RESERVOIR****40. STABILIZE SUSPENSION**

- (a) Install the rear wheel and jack down the vehicle.

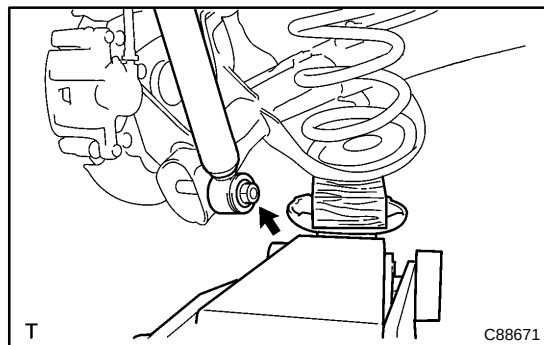
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

- (b) Bounce the vehicle up and down several times to stabilize the suspension.

**41. FULLY TIGHTEN SHOCK ABSORBER ASSY REAR LH**

- (a) Stabilize the shock absorber assy rear LH.

If it is impossible to tighten the nut at this position, support the rear axle beam assy with a jack and load the rear compartment with a mass of approximately 90 kg (198 lb).

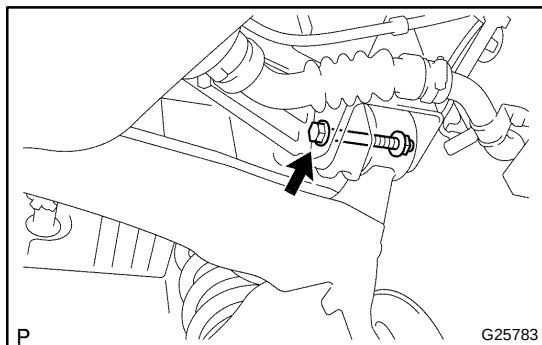
Length of shock absorber:**2WD DRIVE TYPE: 234 mm (9.2 in.)****4WD DRIVE TYPE: 258 mm (10.2 in.)**

- (b) Fully tighten the nut.

Torque: 115 N·m (1,173 kgf·cm, 85 ft·lbf)**42. FULLY TIGHTEN SHOCK ABSORBER ASSY REAR RH**

HINT:

Fully tighten the RH side by same procedures as the LH side.

**43. FULLY TIGHTEN REAR AXLE BEAM ASSY**

- (a) Stabilize the rear axle beam assy.
- (b) Fully tighten the bolt.

Torque: 135 N·m (1,377 kgf·cm, 100 ft·lbf)

NOTICE:

- Tighten the bolt and not the nut.
- The vehicle height should be the same as the height that the shock absorber is fully tightened.

HINT:

Fully tighten the RH side by same procedures as the LH side.

44. INSTALL REAR FLOOR NO.2 CROSSMEMBER BRACE LH

- (a) Install the floor No.2 crossmember brace and 2 bolts.

Torque: 28 N·m (286 kgf·cm, 21 ft·lbf)

45. INSTALL REAR FLOOR NO.2 CROSSMEMBER BRACE RH**HINT:**

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

46. INSTALL FUEL TANK FILLER HOSE COVER

- (a) Install the fuel tank filler pipe protector, 2 bolts, 3 screws and 3 nuts.
- (b) Install the fuel tank filler hose cover and 3 bolts.

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

47. INSPECT REAR WHEEL ALIGNMENT (See page 27-4)**48. CHECK ABS SPEED SENSOR SIGNAL**

- (a) ABS WITH EBD SYSTEM (See page 05-386)
- (b) ABS WITH EBD & BA & TRAC & VSC SYSTEM (See page 05-435)

REAR AXLE BEAM ASSY

REPLACEMENT

270DW-02

HINT:

COMPONENTS: See page 27-2

1. REMOVE REAR WHEEL
2. DISCONNECT SKID CONTROL SENSOR WIRE (2WD DRIVE TYPE) (See page 27-10)

HINT:

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

3. SEPARATE SPEED SENSOR REAR LH (4WD DRIVE TYPE) (See page 27-10)
4. SEPARATE SPEED SENSOR REAR RH (4WD DRIVE TYPE)

HINT:

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

5. REMOVE EXHAUST PIPE ASSY TAIL
 - (a) 2WD DRIVE TYPE (See page 15-2)
 - (b) 4WD DRIVE TYPE (See page 15-6)
6. REMOVE PROPELLER W/CENTER BEARING SHAFT ASSY (4WD DRIVE TYPE) (See page 30-6)
7. REMOVE REAR AXLE SHAFT LH NUT (4WD DRIVE TYPE) (See page 30-32)
8. REMOVE REAR AXLE SHAFT RH NUT (4WD DRIVE TYPE)

HINT:

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

9. REMOVE REAR DRIVE SHAFT ASSY LH (4WD DRIVE TYPE) (See page 30-32)
10. REMOVE REAR DRIVE SHAFT ASSY RH (4WD DRIVE TYPE)

HINT:

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

11. REMOVE DIFFERENTIAL CARRIER ASSY REAR (4WD DRIVE TYPE) (See page 29-10)
12. SEPARATE PARKING BRAKE CABLE ASSY NO.3 (See page 27-10)
13. SEPARATE PARKING BRAKE CABLE ASSY NO.2

HINT:

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

14. SEPARATE REAR BRAKE TUBE NO.2 (See page 27-10)
SST 09023-00101
15. SEPARATE REAR BRAKE TUBE NO.1
SST 09023-00101

HINT:

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

16. REMOVE FUEL TANK FILLER HOSE COVER (See page 27-10)
17. REMOVE REAR FLOOR NO.2 CROSSMEMBER BRACE LH (See page 27-10)
18. REMOVE REAR FLOOR NO.2 CROSSMEMBER BRACE RH

HINT:

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

19. LOOSEN REAR AXLE BEAM ASSY (See page 27-10)
20. SEPARATE REAR DISC BRAKE CALIPER ASSY LH (DISC REAR BRAKE TYPE)
 - (a) Remove the 2 bolts and separate the rear disc brake caliper assy LH.
21. SEPARATE REAR DISC BRAKE CALIPER ASSY RH (DISC REAR BRAKE TYPE)

HINT:

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

22. REMOVE REAR DISC (DISC REAR BRAKE TYPE)

23. REMOVE REAR BRAKE DRUM SUB-ASSY (DRUM REAR BRAKE TYPE)**24. REMOVE REAR AXLE HUB & BEARING ASSY LH (2WD DRIVE TYPE) (See page 30-46)****25. REMOVE REAR AXLE HUB & BEARING ASSY RH (2WD DRIVE TYPE)**

HINT:

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

26. REMOVE REAR AXLE HUB & BEARING ASSY LH (4WD DRIVE TYPE) (See page 30-49)**27. REMOVE REAR AXLE HUB & BEARING ASSY RH (4WD DRIVE TYPE)**

HINT:

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

28. REMOVE PARKING BRAKE PLATE SUB-ASSY LH (DISC REAR BRAKE TYPE)

(a) 2WD DRIVE TYPE: Remove the rear axle bearing retainer inner LH and parking brake plate sub-assy LH.

(b) 4WD DRIVE TYPE: Remove the rear axle bearing retainer outer and parking brake plate sub-assy LH.

29. REMOVE PARKING BRAKE PLATE SUB-ASSY RH (DISC REAR BRAKE TYPE)

HINT:

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

30. REMOVE BRAKE BACKING PLATE SUB-ASSY REAR LH (DRUM REAR BRAKE TYPE)

(a) Remove the 2 rear axle bearing retainer inner LH and parking brake plate sub-assy LH.

31. REMOVE BRAKE BACKING PLATE SUB-ASSY REAR RH (DRUM REAR BRAKE TYPE)

HINT:

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

32. SEPARATE SHOCK ABSORBER ASSY REAR LH (See page 27-10)**33. SEPARATE SHOCK ABSORBER ASSY REAR RH**

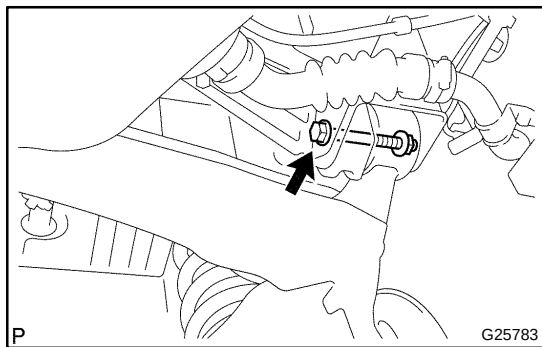
HINT:

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

34. REMOVE COIL SPRING REAR LH (See page 27-10)**35. REMOVE COIL SPRING REAR RH**

HINT:

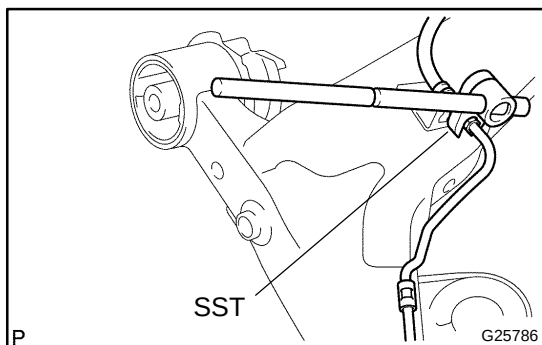
Remove the RH side by the same procedures as the LH side.

**36. REMOVE REAR AXLE BEAM ASSY**

(a) Support the rear axle beam assy with a jack.

(b) Remove the 2 bolts and 2 nuts.

(c) Remove the rear axle beam assy.

NOTICE:**When loosening the bolt, hold the nut not to rotate.****37. REMOVE REAR BRAKE TUBE FLEXIBLE HOSE**

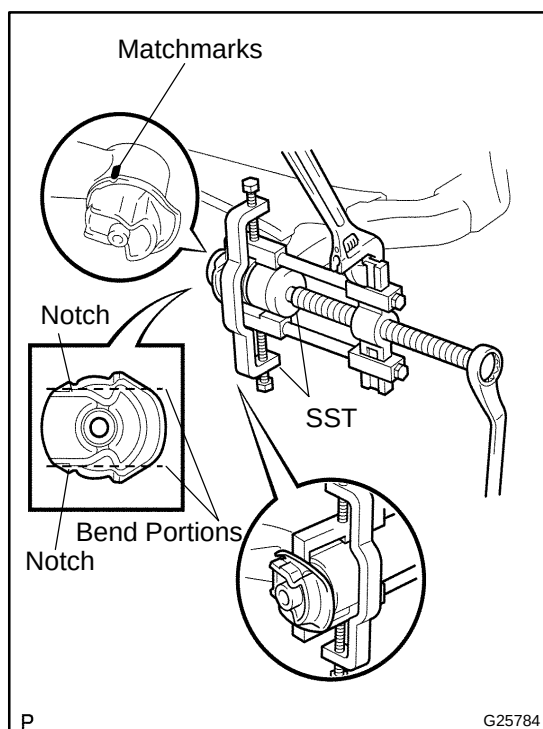
(a) Using SST, separate the brake tube from the flexible hose.

SST 09023-00101

(b) Remove the clip and flexible hose.

HINT:

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

**38. REMOVE REAR AXLE CARRIER BUSH LH**

- (a) Place matchmarks on the 2 notches of the bushing and rear axle beam assy.
- (b) Using a chisel and hammer, bend the 2 portions of the bushing rib.

HINT:

Bend the bushing rib until the claw of SST can be hung.

- (c) Using SST, remove the bushing from the rear axle beam assy.

SST 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04020, 09955-04051, 09957-04010, 09958-04011), 09950-60010 (09951-00630)

NOTICE:

If there is a scratch on the axle beam, paint it.

39. REMOVE REAR AXLE CARRIER BUSH RH

SST 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04020, 09955-04051, 09957-04010, 09958-04011), 09950-60010 (09951-00630)

HINT:

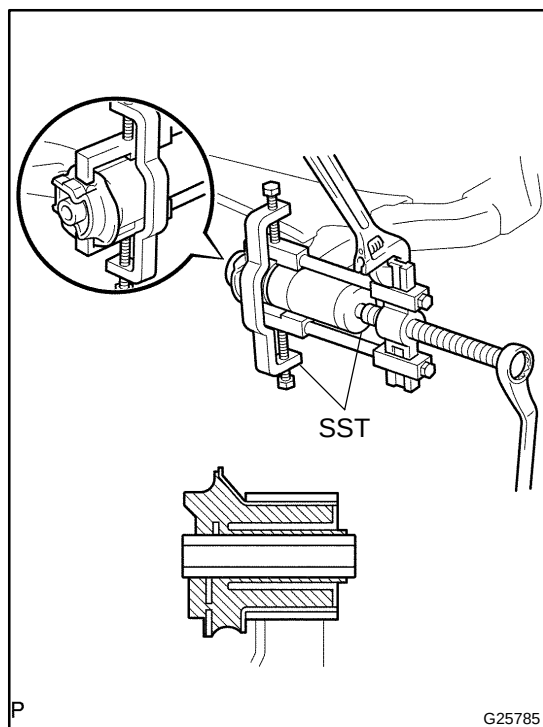
Remove the RH side by the same procedures as the LH side.

40. REMOVE REAR AXLE BEAM DAMPER

- (a) Remove the rear axle beam damper from the rear axle beam assy.

41. INSTALL REAR AXLE BEAM DAMPER

- (a) Install the rear axle beam damper to the rear axle beam assy.

**42. INSTALL REAR AXLE CARRIER BUSH LH**

- (a) Align the matchmarks on the axle beam assy with the 2 notches of a new bushing and temporarily install the bushing to the rear axle beam assy.

- (b) Using SST, install the bushing to the axle beam.

SST 09710-04101, 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04020, 09955-04051, 09957-04010, 09958-04011), 09950-60010 (09951-00620)

NOTICE:

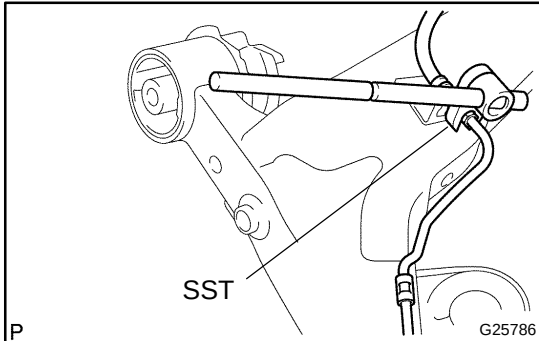
- Hang the claw of SST to the bushing securely.
- Do not scratch the rubber portion of the bushing.
- Do not deform the bushing rib.

43. INSTALL REAR AXLE CARRIER BUSH RH

SST 09710-04101, 09950-40011 (09951-04020, 09952-04010, 09953-04030, 09954-04020, 09955-04051, 09957-04010, 09958-04011), 09950-60010 (09951-00620)

HINT:

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

**44. INSTALL REAR BRAKE TUBE FLEXIBLE HOSE**

- (a) Install the flexible hose and clip.
- (b) Using SST, connect the brake tube to the flexible hose.

Torque: 15 N·m (153 kgf·cm, 11 ft·lbf)

SST 09023-00101

HINT:

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

45. TEMPORARILY TIGHTEN REAR AXLE BEAM ASSY

- (a) Support the rear axle beam assy with a jack.
- (b) Install the rear axle beam assy, 2 bolts and temporarily tighten the 2 nuts.

46. INSTALL COIL SPRING REAR LH (See page 27-10)**47. INSTALL COIL SPRING REAR RH**

HINT:

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

48. CONNECT SHOCK ABSORBER ASSY REAR LH (See page 27-10)**49. CONNECT SHOCK ABSORBER ASSY REAR RH**

HINT:

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

50. INSTALL BRAKE BACKING PLATE SUB-ASSY REAR LH (DRUM REAR BRAKE TYPE)

- (a) Install the 2 rear axle bearing retainer inner LH and parking brake plate sub-assy LH.

51. INSTALL BRAKE BACKING PLATE SUB-ASSY REAR RH (DRUM REAR BRAKE TYPE)

HINT:

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

52. INSTALL PARKING BRAKE PLATE SUB-ASSY LH (DISC REAR BRAKE TYPE)

- (a) 2WD DRIVE TYPE: Install the 2 rear axle bearing retainer inner LH and parking brake plate sub-assy LH to the rear axle beam assy.
- (b) 4WD DRIVE TYPE: Install the rear axle bearing retainer outer and parking brake plate sub-assy LH to the rear axle beam assy.

53. INSTALL PARKING BRAKE PLATE SUB-ASSY RH (DISC REAR BRAKE TYPE)

HINT:

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

54. INSTALL REAR AXLE HUB & BEARING ASSY LH (2WD DRIVE TYPE) (See page 30-46)**55. INSTALL REAR AXLE HUB & BEARING ASSY RH (2WD DRIVE TYPE)**

HINT:

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

56. INSTALL REAR AXLE HUB & BEARING ASSY LH (4WD DRIVE TYPE) (See page 30-49)**57. INSTALL REAR AXLE HUB & BEARING ASSY RH (4WD DRIVE TYPE)**

HINT:

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

58. INSTALL REAR BRAKE DRUM SUB-ASSY (DRUM REAR BRAKE TYPE)**59. INSTALL REAR DISC (DISC REAR BRAKE TYPE)**

60. INSTALL REAR DISC BRAKE CALIPER ASSY LH (DISC REAR BRAKE TYPE)

- (a) Install the 2 bolts and rear disc brake caliper assy LH to the rear axle beam assy.
Torque: 88 N·m (897 kgf·cm, 65 ft·lbf)

61. INSTALL REAR DISC BRAKE CALIPER ASSY RH (DISC REAR BRAKE TYPE)

HINT:

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

62. CONNECT REAR BRAKE TUBE NO.2 (See page 27-10)

SST 09023-00101

63. CONNECT REAR BRAKE TUBE NO.1

SST 09023-00101

HINT:

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

64. INSTALL PARKING BRAKE CABLE ASSY NO.3 (See page 27-10)**65. INSTALL PARKING BRAKE CABLE ASSY NO.2**

HINT:

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

66. INSTALL DIFFERENTIAL CARRIER ASSY REAR (4WD DRIVE TYPE) (See page 29-10)**67. INSTALL REAR DRIVE SHAFT ASSY LH (4WD DRIVE TYPE) (See page 30-32)****68. INSTALL REAR DRIVE SHAFT ASSY RH (4WD DRIVE TYPE)**

HINT:

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

69. INSTALL REAR AXLE SHAFT LH NUT (4WD DRIVE TYPE) (See page 30-32)**70. INSTALL REAR AXLE SHAFT RH NUT (4WD DRIVE TYPE)**

HINT:

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

**71. INSTALL PROPELLER W/CENTER BEARING SHAFT ASSY (4WD DRIVE TYPE)
(See page 30-6)****72. CONNECT SKID CONTROL SENSOR WIRE (2WD DRIVE TYPE) (See page 27-10)**

HINT:

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

73. INSTALL SPEED SENSOR REAR LH (4WD DRIVE TYPE) (See page 27-10)**74. INSTALL SPEED SENSOR REAR RH (4WD DRIVE TYPE)**

HINT:

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

75. INSTALL EXHAUST PIPE ASSY TAIL

- (a) 2WD DRIVE TYPE (See page 15-2)

- (b) 4WD DRIVE TYPE (See page 15-6)

76. BLEED BRAKE LINE (See page 32-4)**77. INSTALL REAR WHEEL**

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

78. INSPECT BRAKE FLUID LEVEL IN RESERVOIR**79. STABILIZE SUSPENSION (See page 27-5)****80. FULLY TIGHTEN SHOCK ABSORBER ASSY REAR LH (See page 27-5)****81. FULLY TIGHTEN SHOCK ABSORBER ASSY REAR RH**

HINT:

Fully tighten the RH side by the same procedures as the LH side.

82. FULLY TIGHTEN REAR AXLE BEAM ASSY (See page 27-10)**83. INSTALL REAR FLOOR NO.2 CROSSMEMBER BRACE LH (See page 27-10)**

84. INSTALL REAR FLOOR NO.2 CROSSMEMBER BRACE RH

HINT:

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

85. INSTALL FUEL TANK FILLER HOSE COVER (See page [27-10](#))**86. INSPECT REAR WHEEL ALIGNMENT (See page [27-4](#))****87. CHECK ABS SPEED SENSOR SIGNAL**

- (a) ABS WITH EBD SYSTEM (See page [05-386](#))
- (b) ABS WITH EBD & BA & TRAC & VSC SYSTEM (See page [05-435](#))

SHOCK ABSORBER ASSY REAR LH

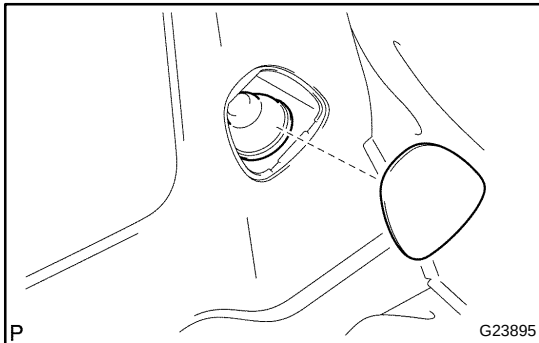
REPLACEMENT

2700T-01

HINT:

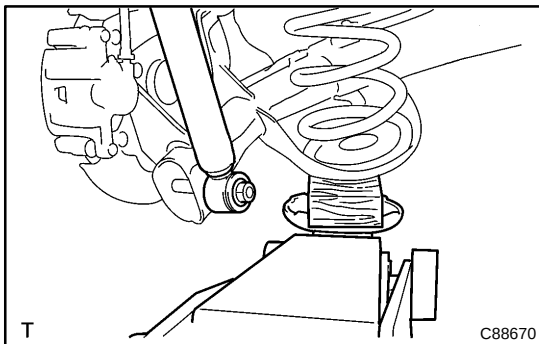
COMPONENTS: See page 27-2

1. REMOVE REAR WHEEL



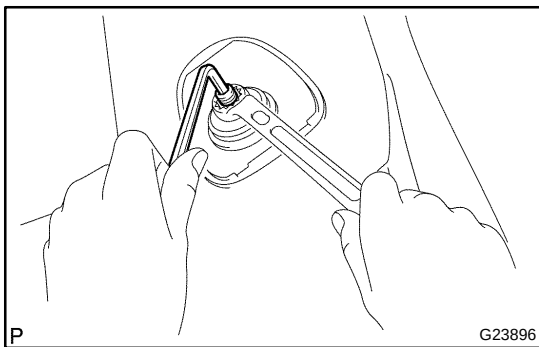
2. REMOVE REAR SHOCK ABSORBER CAP LH

- (a) Remove the shock absorber head cover.
- (b) Remove the shock absorber cap LH.

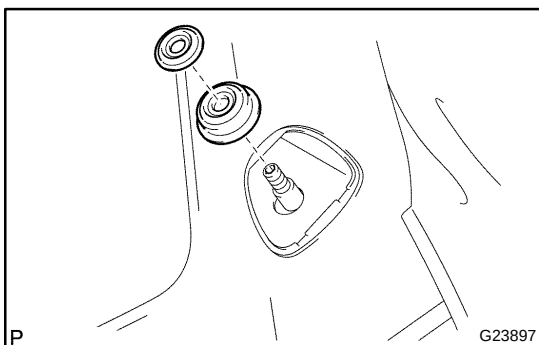


3. REMOVE SHOCK ABSORBER ASSY REAR LH

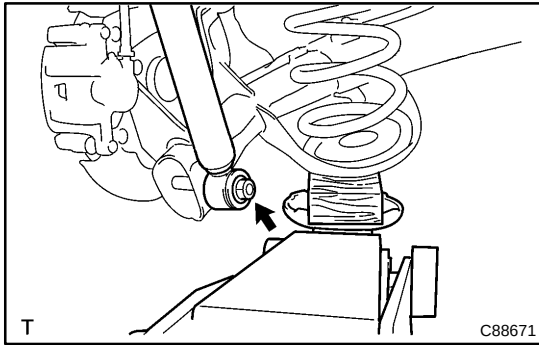
- (a) Support the rear axle beam with a jack.



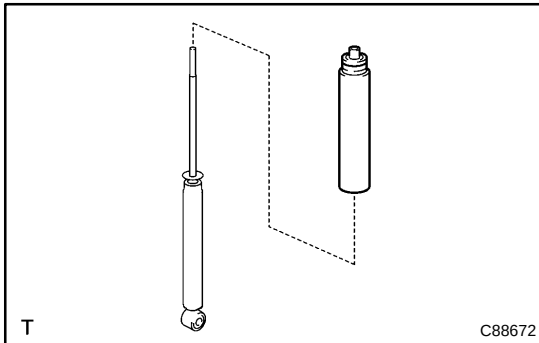
- (b) Using a 6 mm hexagon wrench to hold the piston rod, remove the lock nut.



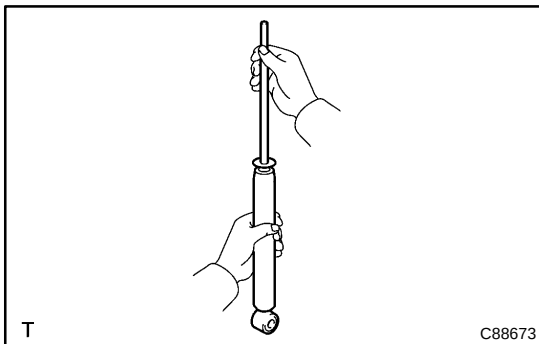
- (c) Remove the rear shock absorber LH cushion retainer and rear shock absorber cushion No.1.



- (d) Remove the nut, cushion retainer and shock absorber assy rear LH.



- (e) Remove the rear spring bumper No.1 LH from the shock absorber assy rear LH.



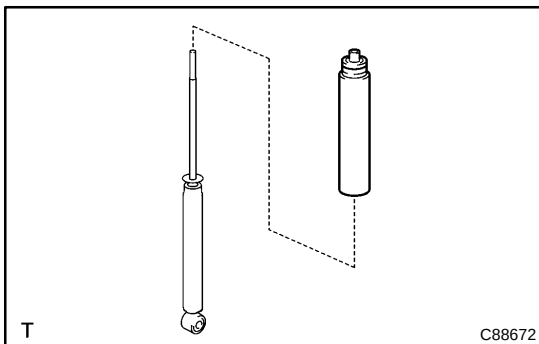
4. INSPECT SHOCK ABSORBER ASSY REAR LH

- (a) Push down and pull up the shock absorber rod, and check that there is no unusual resistance or unusual operation sound.

If there is any malfunction, replace the shock absorber with a new one.

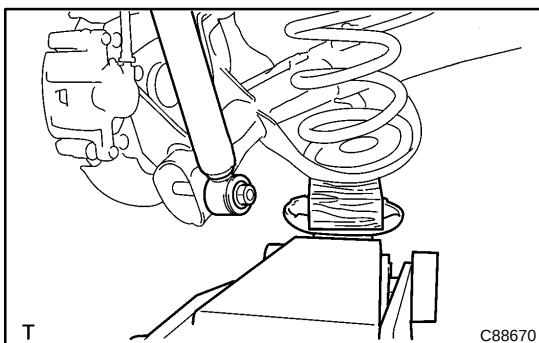
NOTICE:

When disposing of the shock absorber, see DISPOSAL on page 27-9 .

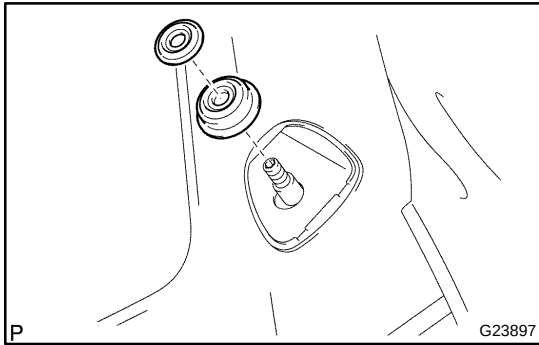


5. INSTALL SHOCK ABSORBER ASSY REAR LH

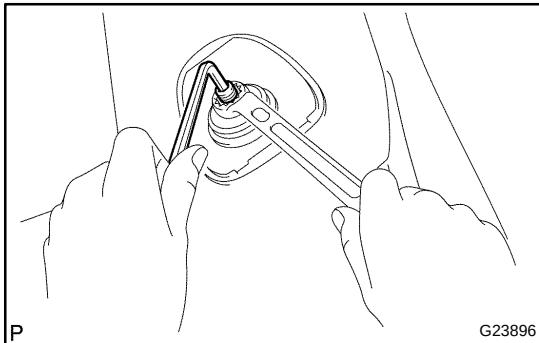
- (a) Install the rear spring bumper No.1 LH to the shock absorber assy LH.



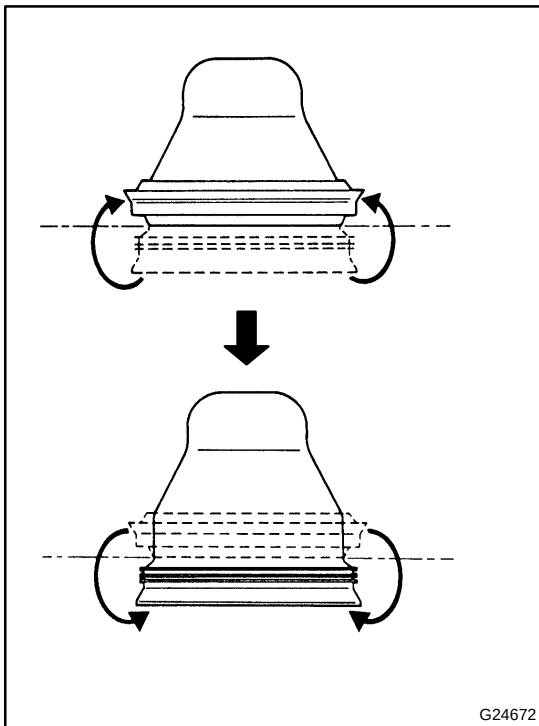
- (b) Support the rear axle beam assy with a jack.
 (c) Install the rear shock absorber assy rear LH, cushion retainer and nut to the rear axle beam.



- (d) Install the rear shock absorber cushion No.1 and rear shock absorber LH cushion retainer.
- (e) Temporary tighten a new lock nut.

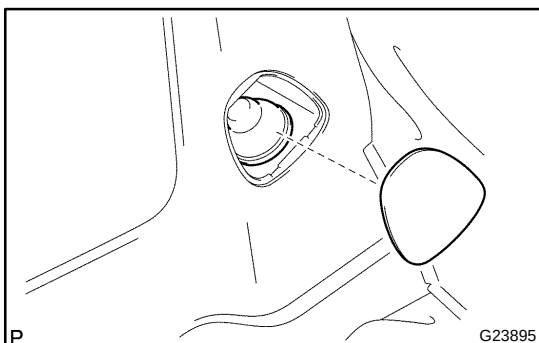


- (f) Using a 6 mm hexagon wrench to hold the piston rod, fully tighten the lock nut.
Torque: 30 N·m (310 kgf·cm, 22 ft·lbf)

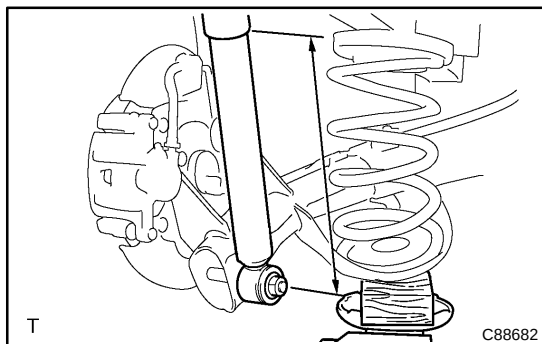


6. INSTALL REAR SHOCK ABSORBER CAP LH

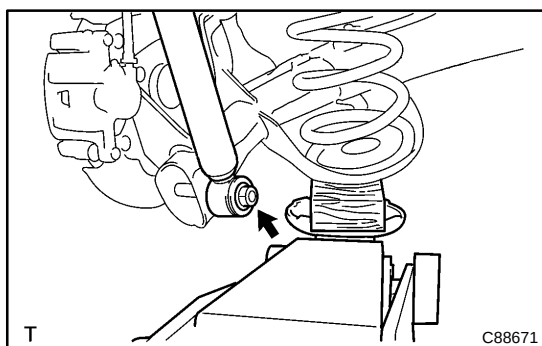
- (a) Install the shock absorber cap LH as shown in the illustration.



- (b) Install the shock absorber head cover.

7. INSTALL REAR WHEEL**Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)****8. FULLY TIGHTEN SHOCK ABSORBER ASSY REAR LH****(a) Stabilize the shock absorber assy rear LH.**

If it is impossible to tighten the nut at this position, support the rear axle beam with a jack and load the rear compartment with a mass of approximately 90 kg (198 lb).

Length of shock absorber:**2WD DRIVE TYPE: 234 mm (9.22 in.)****4WD DRIVE TYPE: 258 mm (10.16 in.)****(b) Fully tighten the nut.****Torque: 115 N·m (1,173 kgf·cm, 85 ft·lbf)****9. INSPECT REAR WHEEL ALIGNMENT (See page [27-4](#))**