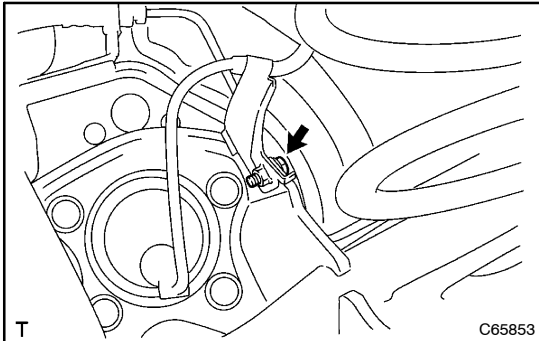


COIL SPRING REAR LH REPLACEMENT

2703S-01

1. REMOVE REAR WHEEL



2. SEPARATE SKID CONTROL SENSOR WIRE

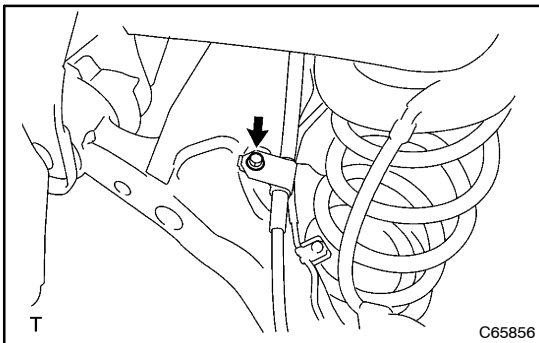
- (a) Remove the bolt from rear axle beam assy.

HINT:

Employ the same manner described to the other side.

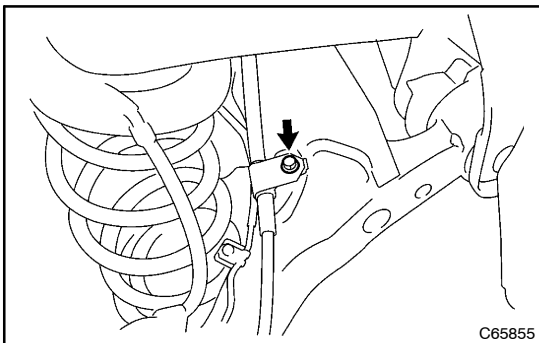
3. REMOVE EXHAUST PIPE ASSY CENTER

4. REMOVE LWR CONTROL ARM DYNAMIC DAMPER



5. SEPARATE PARKING BRAKE CABLE ASSY NO.3

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



6. SEPARATE PARKING BRAKE CABLE ASSY NO.2

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



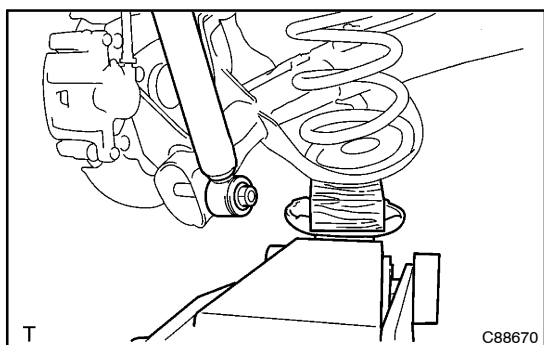
7. LOOSEN REAR AXLE BEAM ASSY

HINT:

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

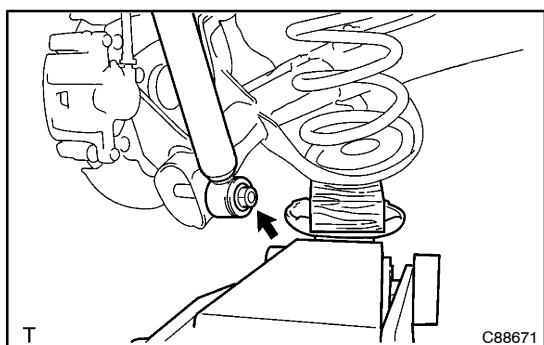
NOTICE:

Loosen the bolt and not the nut.



8. SEPARATE SHOCK ABSORBER ASSY REAR LH

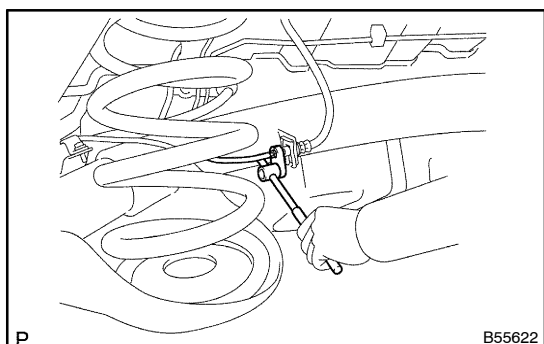
- (a) Support the rear axle beam with jack.



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

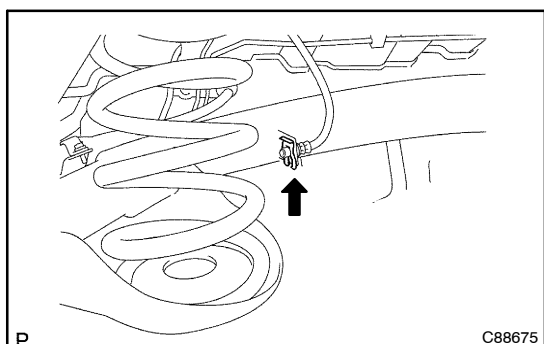
9. SEPARATE SHOCK ABSORBER ASSY REAR RH

- (a) Remove the RH side by same procedures with LH side.

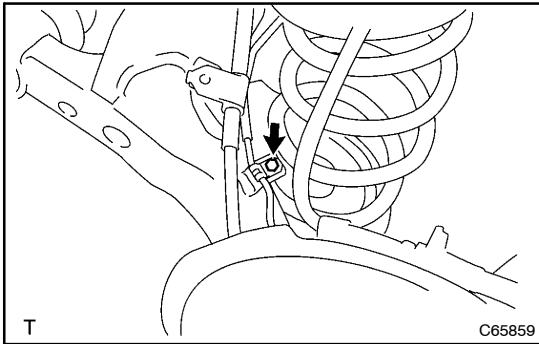


10. SEPARATE REAR BRAKE TUBE NO.4

- (a) Using SST, disconnect the brake line from the flexible hose. Use a container to catch brake fluid as it drains out.
SST 09023-00100



- (b) Remove the clip.



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

11. SEPARATE REAR BRAKE TUBE NO.3

HINT:

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

SST 09023-00100

12. REMOVE COIL SPRING REAR LH

- (a) Apply waste cloth between the rear coil spring and rear axle beam.
 (b) Remove the rear coil spring LH by slowly lowering the jack.

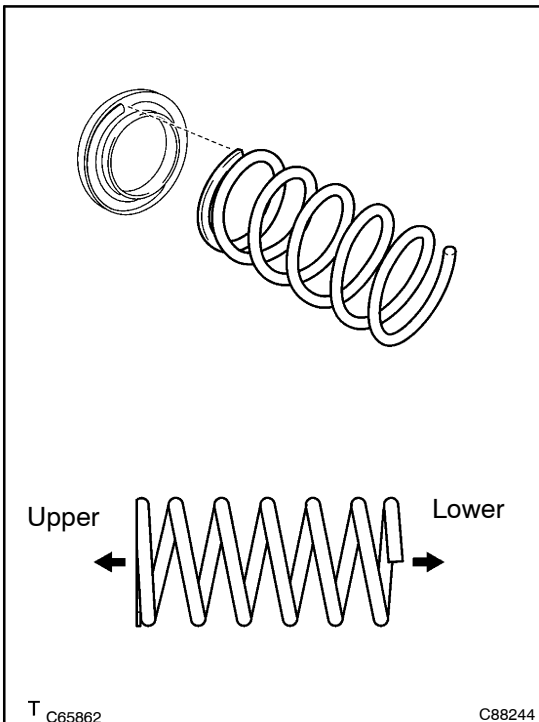
13. REMOVE COIL SPRING REAR RH

HINT:

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

14. REMOVE REAR COIL SPRING INSULATOR UPPER LH

15. REMOVE REAR COIL SPRING INSULATOR UPPER RH

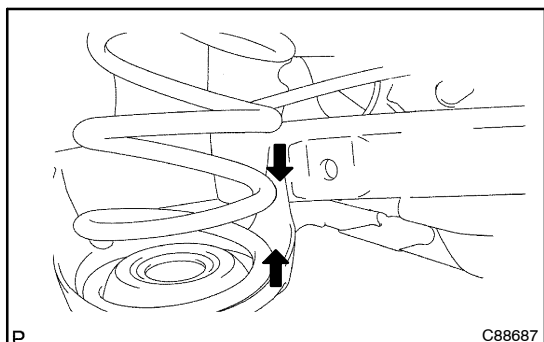


16. INSTALL REAR COIL SPRING INSULATOR UPPER LH

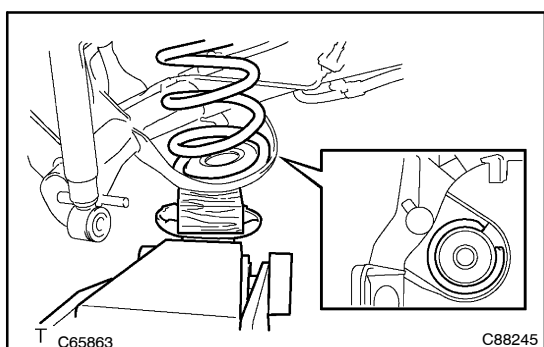
- (a) Install the upper insulator so that its gap fits to the end of coil spring.

17. INSTALL REAR COIL SPRING INSULATOR UPPER RH

- (a) Install the upper insulator so that its gap fits to the end of coil spring.

**18. INSTALL COIL SPRING REAR LH**

- (a) Apply waste cloth to the axle beam.



- (b) Install the coil spring to the axle beam.

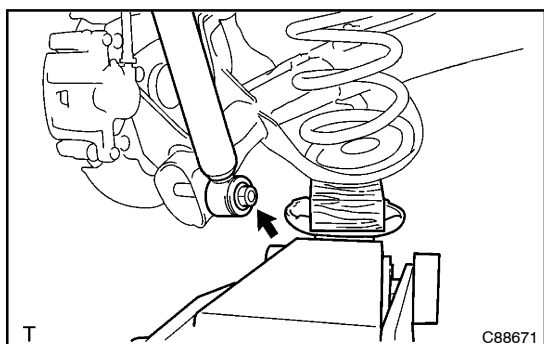
HINT:

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

19. INSTALL COIL SPRING REAR RH

HINT:

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

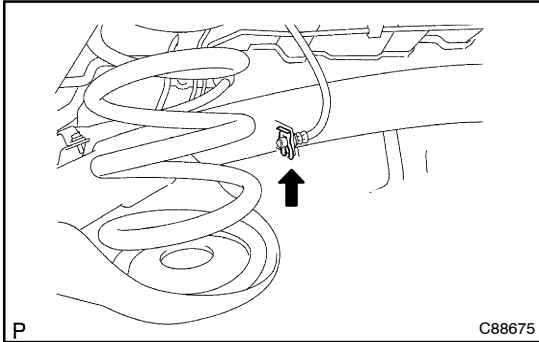
**20. CONNECT SHOCK ABSORBER ASSY REAR LH**

- (a) While lifting the jacks, connect both shock absorber to the axle beam.
- (b) Temporarily tighten the bolt.

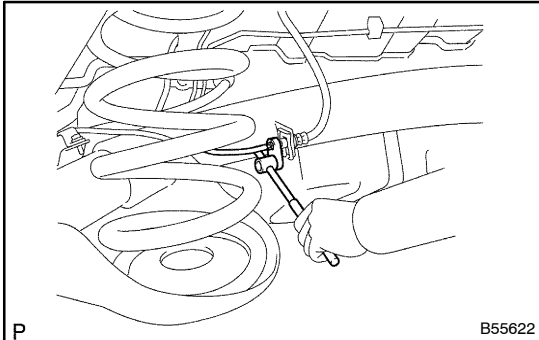
21. CONNECT SHOCK ABSORBER ASSY REAR RH

HINT:

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

**22. CONNECT REAR BRAKE TUBE NO.4**

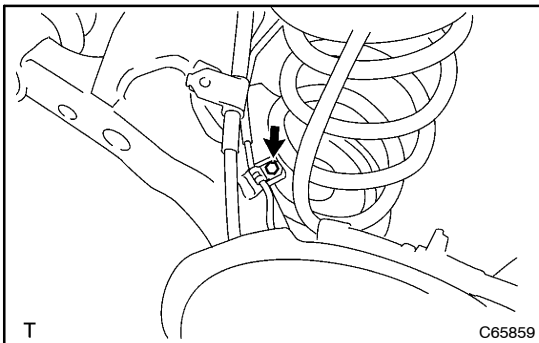
- (a) Install the clip.



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

Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)

SST 09023-00100



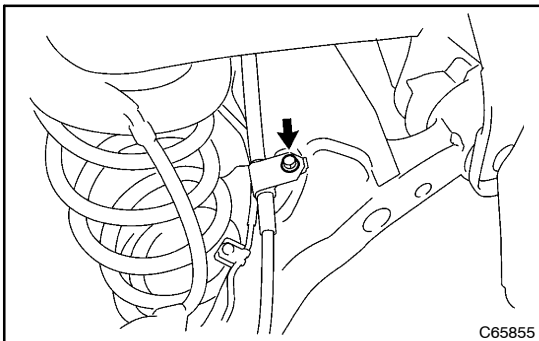
- (c) Install the bolt.

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

23. CONNECT REAR BRAKE TUBE NO.3**HINT:**

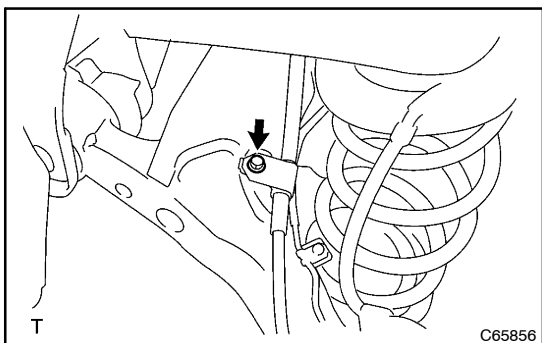
Connect the RH side by the same procedures with the LH side.

SST 09023-00100

**24. INSTALL PARKING BRAKE CABLE ASSY NO.2**

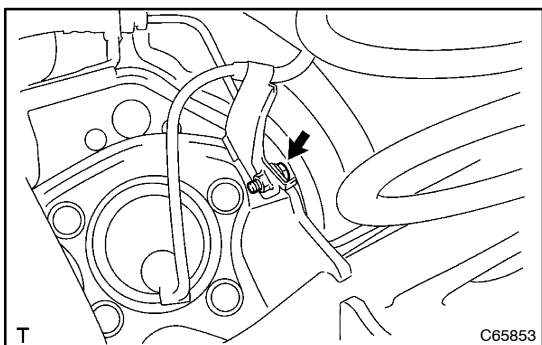
- (a) Install the bolt to the rear axle beam.

Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)

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

- (a) Install the bolt to the rear axle beam.

Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)

**26. CONNECT SKID CONTROL SENSOR WIRE**

- (a) Install the bolt.

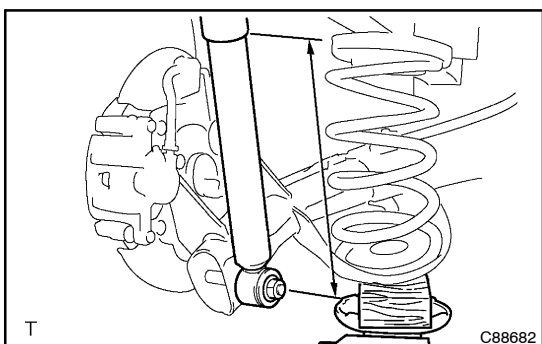
Torque: 5.0 N·m (51 kgf·cm, 44 in·lbf)

27. INSTALL EXHAUST PIPE ASSY CENTER**28. INSTALL LWR CONTROL ARM DYNAMIC DAMPER**

Torque: 30 N·m (306 kgf·cm, 22 ft·lbf)

29. INSTALL REAR WHEEL

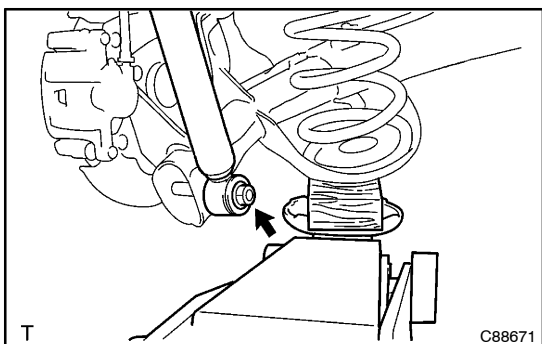
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

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

- (a) Stabilize the shock absorber assy.

If the bolt is not possible to tighten at this position, support the rear axle beam with jack and load the rear compartment with a mass of approximately 90 kg (198 lb).

Length of shock absorber: 252 mm (9.9 in.)



- (b) Fully tighten the bolt.

Torque: 160 N·m (1,632 kgf·cm, 118 ft·lbf)

31. FULLY TIGHTEN SHOCK ABSORBER ASSY REAR RH

HINT:

Install the RH side by the same procedures with the RH side.

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

(a) Stabilize the rear axle beam.

(b) Fully tighten the bolt.

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

NOTICE:

Tighten the bolt and not the nut.

33. BLEED BRAKE LINE (See page 32-4)

34. INSPECT BRAKE FLUID LEVEL IN RESERVOIR (See page 32-4)

35. INSPECT REAR WHEEL ALIGNMENT (See page 27-3)

36. INSPECT SPEED SENSOR (See page 05-295)