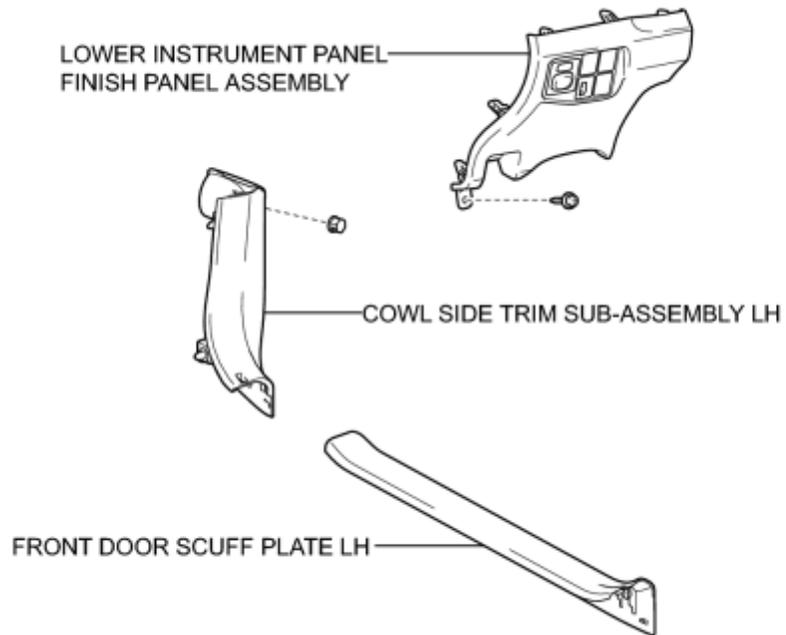


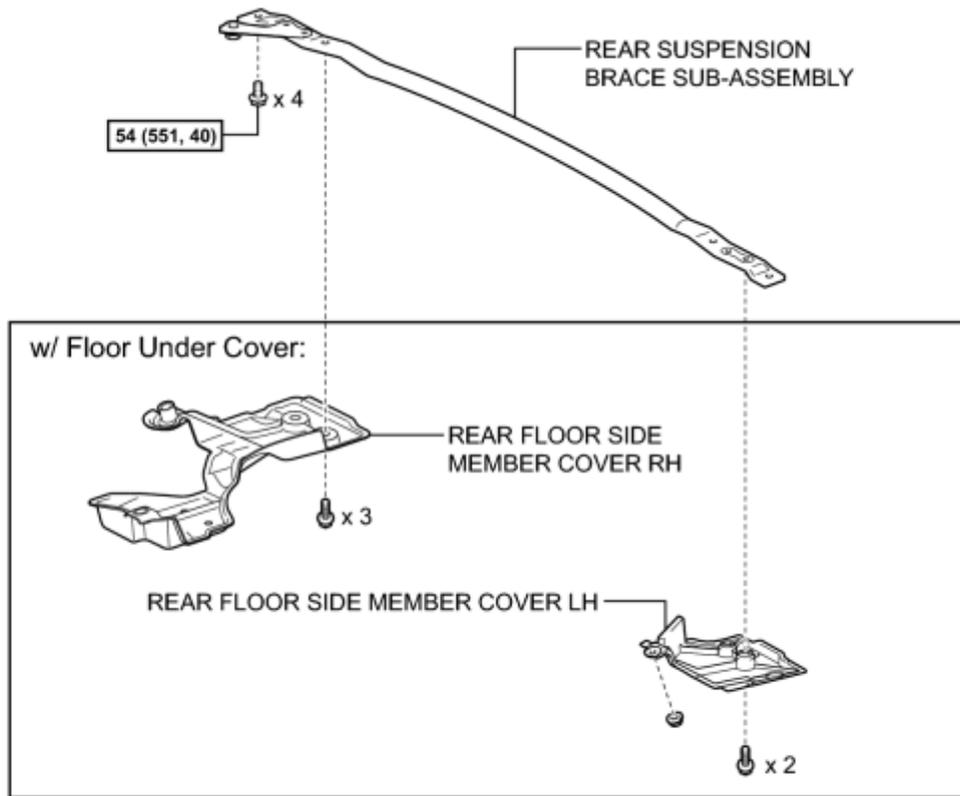
COMPONENTS

ILLUSTRATION



c

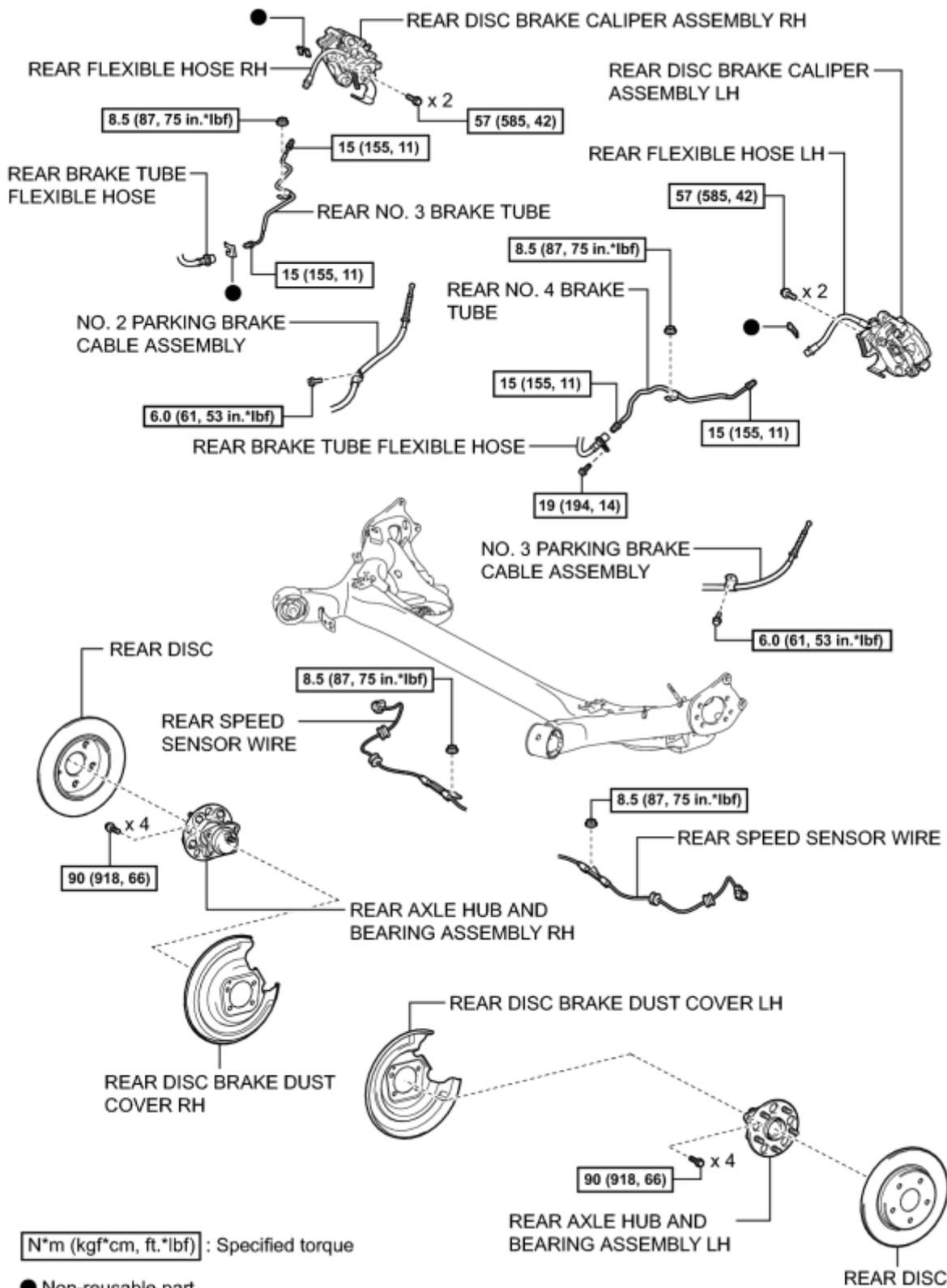
ILLUSTRATION



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

c

ILLUSTRATION



ILLUSTRATION

REAR UPPER COIL SPRING INSULATOR RH



REAR COIL SPRING RH



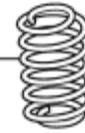
REAR UPPER COIL SPRING INSULATOR LH



REAR LOWER COIL SPRING INSULATOR RH



REAR COIL SPRING LH



REAR LOWER COIL SPRING INSULATOR LH



w/ Wheel House Liner:



REAR WHEEL HOUSE LINER RH

w/ Height Control Sensor:

REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY RH

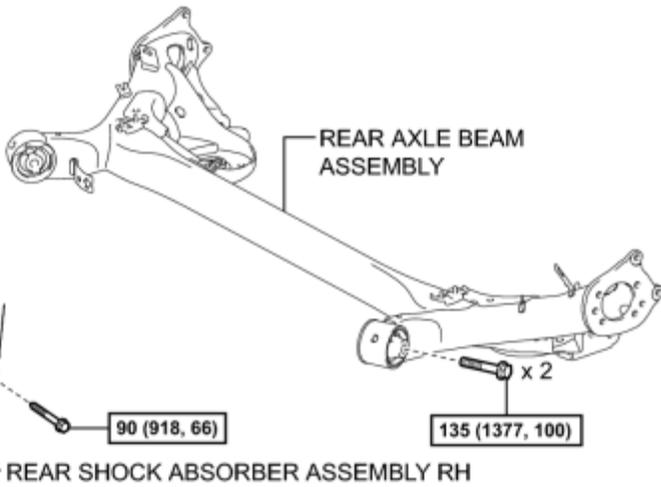


8.0 (82, 71 in.*lbf)

w/ Wheel House Liner:



REAR WHEEL HOUSE LINER LH



REAR AXLE BEAM ASSEMBLY

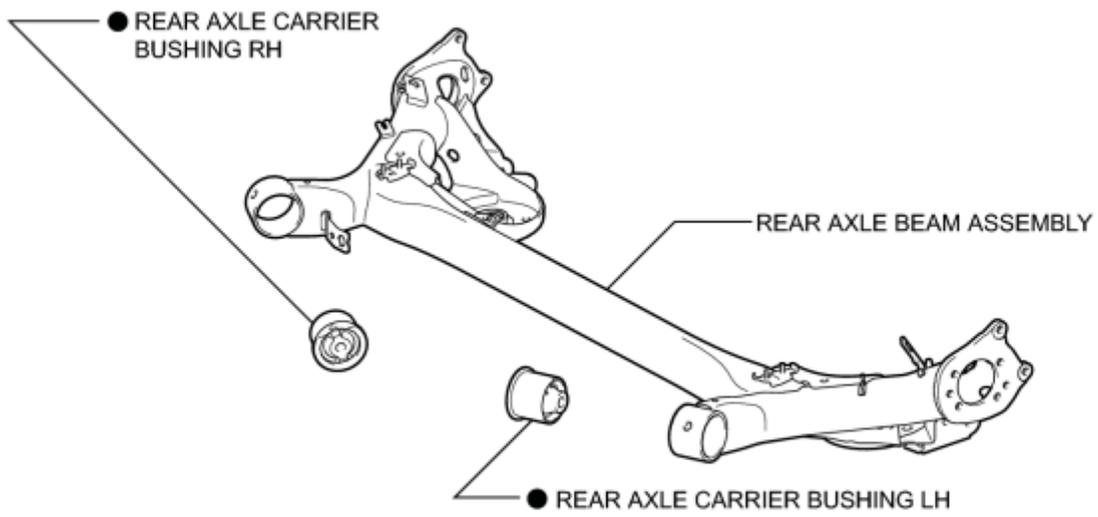
REAR SHOCK ABSORBER ASSEMBLY RH

REAR SHOCK ABSORBER ASSEMBLY LH

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

c

ILLUSTRATION



● Non-reusable part
P

REMOVAL

1. DISABLE BRAKE CONTROL_ INFO

2. REMOVE REAR WHEELS

3. REMOVE FRONT DOOR SCUFF PLATE LH_ INFO

4. REMOVE COWL SIDE TRIM SUB-ASSEMBLY LH_ INFO

5. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY_ INFO

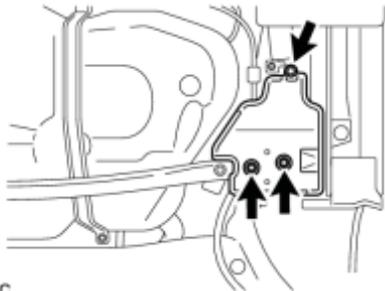
6. LOOSEN PARKING BRAKE CABLE_ INFO

7. DRAIN BRAKE FLUID

NOTICE:

If brake fluid leaks onto any painted surface, immediately wash it off.

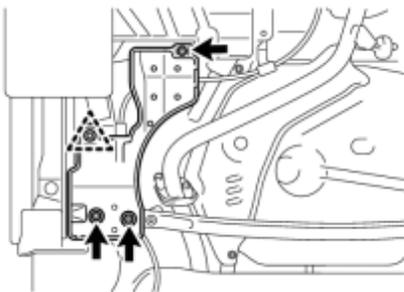
8. REMOVE REAR FLOOR SIDE MEMBER COVER LH (w/ Floor Under Cover)



(a) Remove the nut, 2 bolts and rear floor side member cover LH.

c

9. REMOVE REAR FLOOR SIDE MEMBER COVER RH (w/ Floor Under Cover)



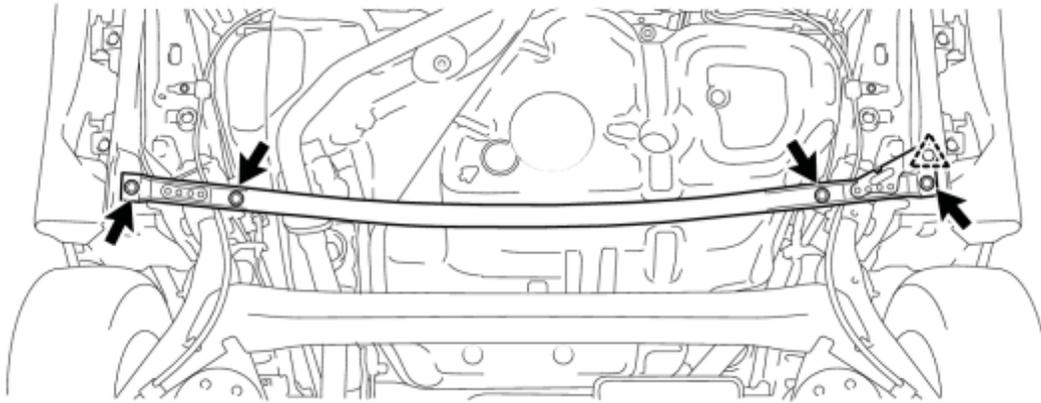
(a) Remove the 3 bolts.

c

(b) Disengage the clip and remove the rear floor side member cover RH.

10. REMOVE REAR SUSPENSION BRACE SUB-ASSEMBLY

(a) Remove the 4 bolts.



c

(b) Disengage the clip and remove the rear suspension brace sub-assembly.

11. DISCONNECT REAR SPEED SENSOR WIRE (for LH Side) INFO

12. DISCONNECT REAR SPEED SENSOR WIRE (for RH Side)

HINT:

Perform the same procedure as for the LH side.

13. SEPARATE REAR SPEED SENSOR WIRE (for LH Side) INFO

14. SEPARATE REAR SPEED SENSOR WIRE (for RH Side)

HINT:

Perform the same procedure as for the LH side.

15. DISCONNECT NO. 3 PARKING BRAKE CABLE ASSEMBLY INFO

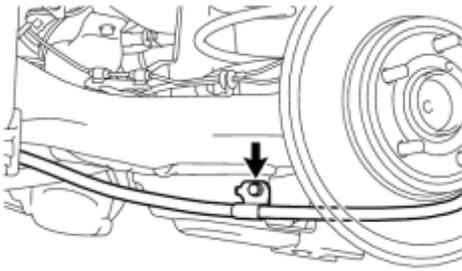
16. DISCONNECT NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Perform the same procedure as for the No. 3 parking brake cable assembly.

17. SEPARATE NO. 3 PARKING BRAKE CABLE ASSEMBLY

(a) Remove the bolt and separate the No. 3 parking brake cable assembly.



P

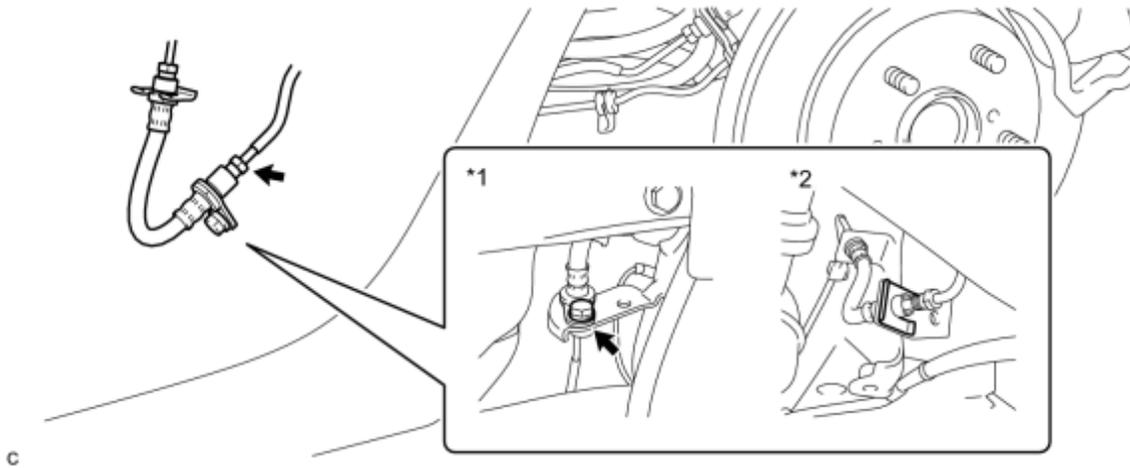
18. SEPARATE NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Perform the same procedure as for the No. 3 parking brake cable assembly.

19. SEPARATE REAR BRAKE TUBE FLEXIBLE HOSE

(a) Using a union nut wrench, disconnect the 2 brake lines while holding the rear brake tube flexible hose with a wrench.



c

Text in Illustration

*1	LH Side	*2	RH Side
----	---------	----	---------

NOTICE:

- Do not bend or damage the brake line.
- Do not allow any foreign matter such as dirt or dust to enter the brake line from the connecting points.

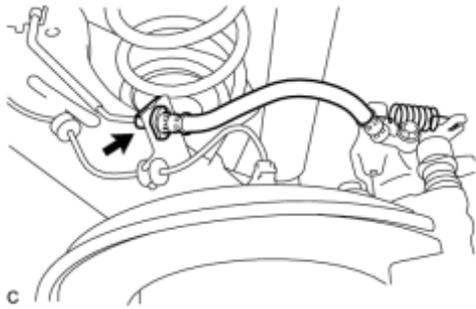
(b) for LH Side

(1) Remove the bolt and separate the rear brake tube flexible hose from the rear axle beam assembly.

(c) for RH Side

(1) Remove the clip and separate the rear brake tube flexible hose from the rear axle beam assembly.

20. REMOVE REAR DISC BRAKE CALIPER ASSEMBLY LH

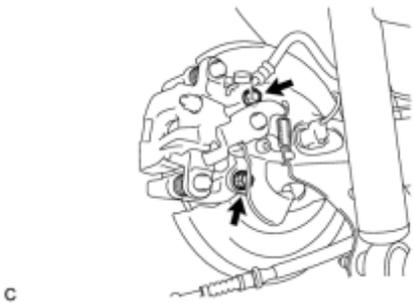


(a) Using a union nut wrench, disconnect the brake line while holding the rear flexible hose LH with a wrench.

- Do not bend or damage the brake line.
- Do not allow any foreign matter such as dirt or dust to enter the brake line from the connecting points.



(b) Remove the clip and separate the rear flexible hose LH.



(c) Remove the 2 bolts and rear disc brake caliper assembly LH with rear flexible hose LH.

21. REMOVE REAR DISC BRAKE CALIPER ASSEMBLY RH

HINT:

Perform the same procedure as for the LH side.

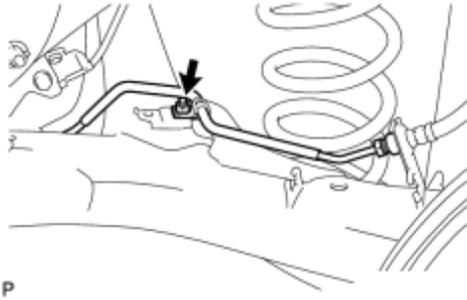
22. REMOVE REAR DISC (for LH Side) INFO

23. REMOVE REAR DISC (for RH Side)

HINT:

Perform the same procedure as for the LH side.

24. REMOVE REAR NO. 4 BRAKE TUBE



(a) Remove the nut and rear No. 4 brake tube from the rear axle beam assembly.

25. REMOVE REAR NO. 3 BRAKE TUBE

HINT:

Perform the same procedure as for the rear No. 4 brake tube.

26. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY LH INFO

27. REMOVE REAR AXLE HUB AND BEARING ASSEMBLY RH

HINT:

Perform the same procedure as for the LH side.

28. SEPARATE REAR WHEEL HOUSE LINER LH (w/ Wheel House Liner) INFO

29. SEPARATE REAR WHEEL HOUSE LINER RH (w/ Wheel House Liner)

HINT:

Perform the same procedure as for the LH side.

30. SEPARATE REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY RH (w/ Height Control Sensor) INFO

31. REMOVE REAR COIL SPRING LH INFO

32. REMOVE REAR COIL SPRING RH

HINT:

Perform the same procedure as for the LH side.

33. REMOVE REAR UPPER COIL SPRING INSULATOR LH

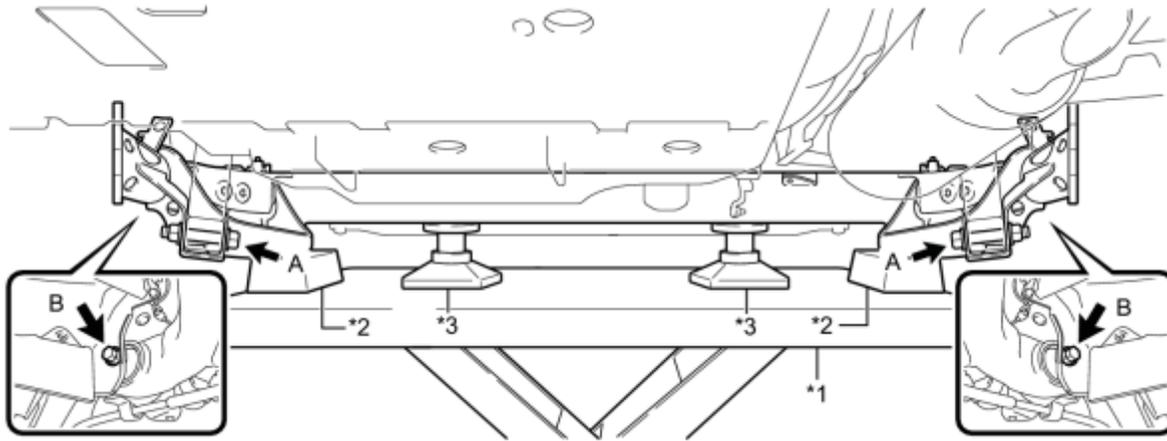
34. REMOVE REAR UPPER COIL SPRING INSULATOR RH

35. REMOVE REAR LOWER COIL SPRING INSULATOR LH

36. REMOVE REAR LOWER COIL SPRING INSULATOR RH

37. REMOVE REAR AXLE BEAM ASSEMBLY

(a) Support the rear axle beam assembly with a jack using 2 wooden blocks and 2 attachments or equivalent tools to replicate standard vehicle height conditions as shown in the illustration.



Text in Illustration

*1	Jack	*2	Wooden Block
*3	Attachment	-	-

NOTICE:

Make sure to secure the rear axle beam assembly to prevent it from dropping.

(b) Remove the 2 bolts (A) and 2 nuts while holding the 2 nuts and separate the rear axle beam assembly from the rear shock absorber assemblies LH and RH.

NOTICE:

Since the stopper nuts are used, turn the bolts.

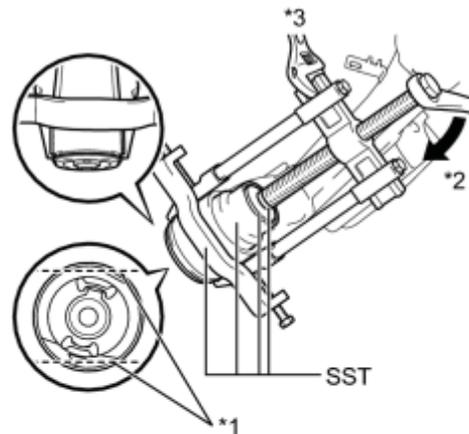
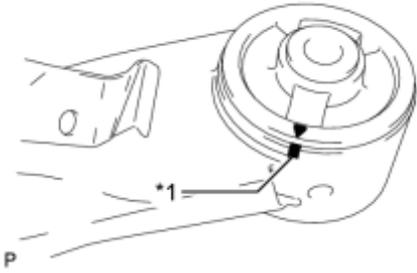
(c) Remove the 2 bolts (B) and rear axle beam assembly.

38. REMOVE REAR AXLE CARRIER BUSHING LH

(a) Put a matchmark on the rear axle beam assembly so that the mark aligns with the arrow mark on the rear axle carrier bushing LH. (If the rear axle beam assembly is reused.)

Text in Illustration

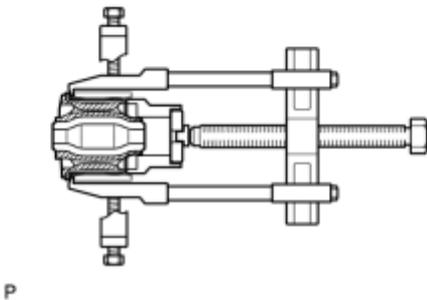
*1	Matchmark
----	-----------



(b) Using a chisel and hammer, bend the 2 ribs on the rear axle carrier bushing LH.

Text in Illustration

*1	Bend Portion
*2	Turn
*3	Hold



NOTICE:

When removing the rear axle carrier bushing, do not erase the matchmark on the rear axle beam assembly.

(c) Using SST, remove the rear axle carrier bushing LH from the rear axle beam assembly.

SST: 09710-26011

09710-05061

SST: 09950-40011

09951-04020

09952-04010

09953-04030

09954-04020

09955-04051

09957-04010

09958-04011

SST: 09950-60010

09951-00530

NOTICE:

Apply grease to the threads and tip of the SST center bolt before use.

39. REMOVE REAR AXLE CARRIER BUSHING RH

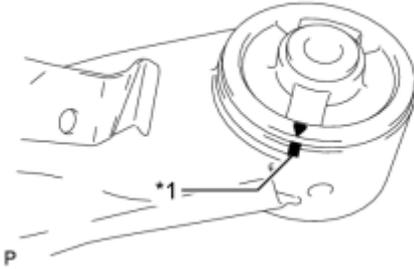
HINT:

Perform the same procedure as for the LH side.

INSTALLATION

1. INSTALL REAR AXLE CARRIER BUSHING LH

(a) Align the arrow mark on a new rear axle carrier bushing LH with the matchmark on the rear axle beam assembly and temporarily install the rear axle carrier bushing LH to the rear axle beam assembly. (If the rear axle beam assembly is reused.)



Text in Illustration

*1	Matchmark
----	-----------

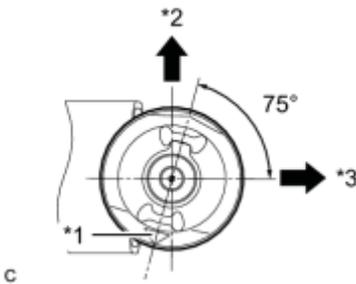
NOTICE:

Be sure to install the rear axle carrier bushing in the same direction as it was before removal.

The rear axle carrier bushing has to be installed in a specific direction.

(b) Temporarily install the new rear axle carrier bushing LH as shown in the illustration.

Text in Illustration



*1	Mark
*2	Upper Side of the Vehicle
*3	Front of the Vehicle

NOTICE:

Be sure to install the rear axle carrier bushing in the same direction as it was before removal.

The rear axle carrier bushing has to be installed in a specific direction.

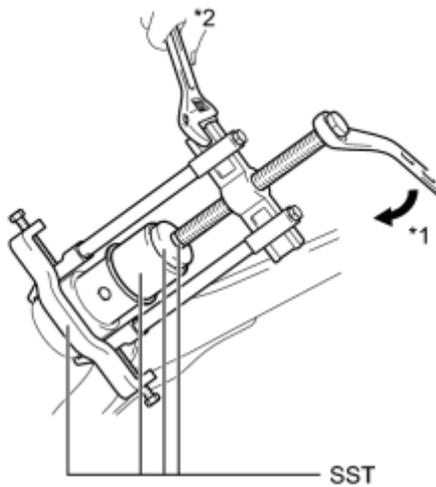
(c) Using SST, install the rear axle carrier bushing LH to the rear axle beam assembly.

Text in Illustration

*1	Turn
*2	Hold

SST: 09710-04101

SST: 09950-40011



09951-04020

09952-04010

09953-04030

09954-04020

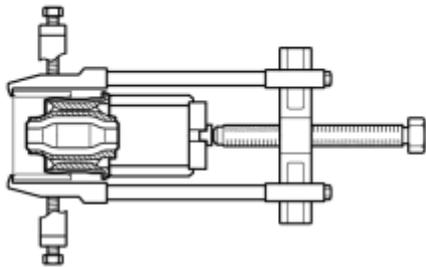
09955-04051

09957-04010

09958-04011

SST: 09950-60010

09951-00620



- Do not damage the rubber portion when installing the rear axle carrier bushing.
- Apply grease to the threads and tip of the SST center bolt before use.

P

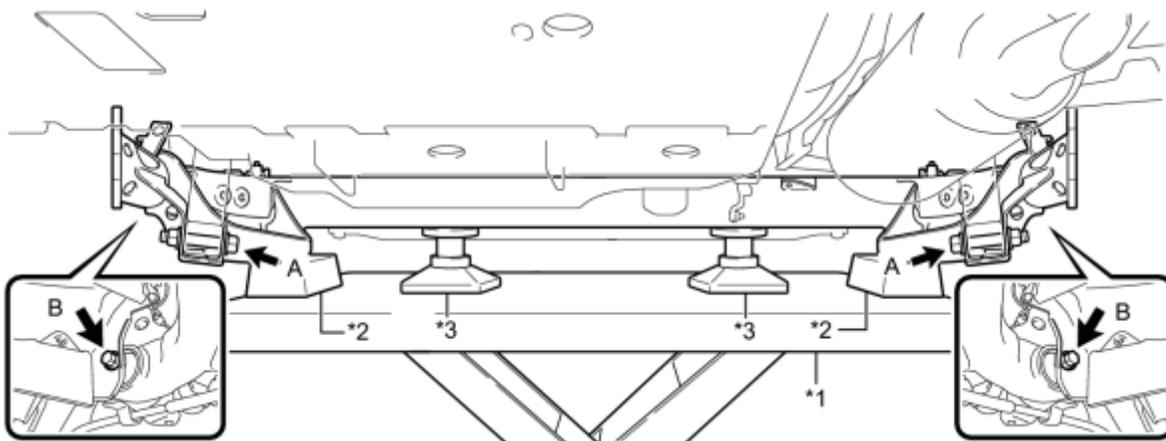
2. INSTALL REAR AXLE CARRIER BUSHING RH

HINT:

Perform the same procedure as for the LH side.

3. TEMPORARILY TIGHTEN REAR AXLE BEAM ASSEMBLY

(a) Slowly jack up the rear axle beam assembly with a jack using 2 wooden blocks and 2 attachments or equivalent tools and temporarily install the rear axle beam assembly to the body with the 2 bolts (B).



C

Text in Illustration

*1	Jack	*3	Attachment
*2	Wooden Block	-	-

NOTICE:

Make sure to secure the rear axle beam assembly to prevent it from dropping.

(b) Temporarily tighten the rear axle beam assembly to the rear shock absorber assemblies LH and RH with the 2 bolts (A) and 2 nuts.

NOTICE:

Since the stopper nuts are used, turn the bolts.

HINT:

Insert the bolts with the threaded end facing the outside of the vehicle.

4. INSTALL REAR UPPER COIL SPRING INSULATOR LH_ INFO

5. INSTALL REAR UPPER COIL SPRING INSULATOR RH

HINT:

Perform the same procedure as for the LH side.

6. INSTALL REAR LOWER COIL SPRING INSULATOR LH

7. INSTALL REAR LOWER COIL SPRING INSULATOR RH

8. INSTALL REAR COIL SPRING LH_ INFO

9. INSTALL REAR COIL SPRING RH

HINT:

Perform the same procedure as for the LH side.

10. INSTALL REAR HEIGHT CONTROL SENSOR SUB-ASSEMBLY RH (w/ Height Control Sensor)_ INFO

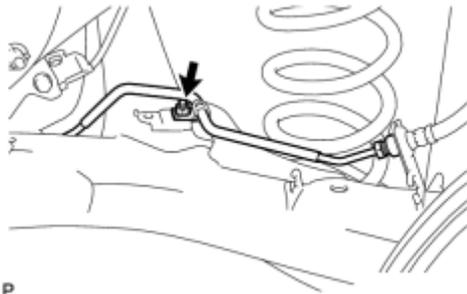
11. INSTALL REAR AXLE HUB AND BEARING ASSEMBLY LH_ INFO

12. INSTALL REAR AXLE HUB AND BEARING ASSEMBLY RH

HINT:

Perform the same procedure as for the LH side.

13. INSTALL REAR NO. 4 BRAKE TUBE



(a) Install the rear No. 4 brake tube to the rear axle beam assembly with the nut.

Torque: **8.5 N·m (87 kgf·cm, 75in·lbf)**

P

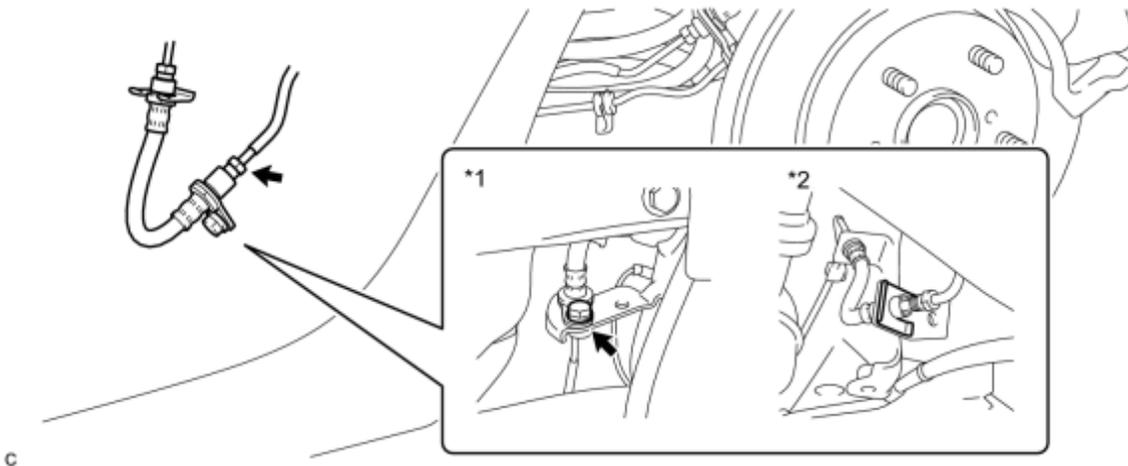
14. INSTALL REAR NO. 3 BRAKE TUBE

HINT:

Perform the same procedure as for the rear No. 4 brake tube.

15. CONNECT REAR BRAKE TUBE FLEXIBLE HOSE

(a) for LH Side



C

Text in Illustration

*1	LH Side	*2	RH Side
----	---------	----	---------

(1) Install the rear brake tube flexible hose with the bolt.

Torque: **19 N·m (194 kgf·cm, 14ft·lbf)**

(b) for RH Side

(1) Install the rear brake tube flexible hose with a new clip.

NOTICE:

Install the clip as far as it will go.

(c) Using a union nut wrench, connect the 2 brake lines to the rear brake tube flexible hose.

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

NOTICE:

- Do not bend or damage the brake line.
- Do not allow any foreign matter such as dirt and dust to enter the brake line from the connecting points.
- Use the formula to calculate special torque values for situations where the union nut wrench is combined with a torque wrench **INFO**.

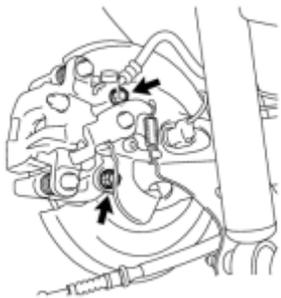
16. INSTALL REAR DISC (for LH Side) **INFO**

17. INSTALL REAR DISC (for RH Side)

HINT:

Perform the same procedure as for the LH side.

18. INSTALL REAR DISC BRAKE CALIPER ASSEMBLY LH



c

(a) Install the rear disc brake caliper assembly LH with rear flexible hose LH with the 2 bolts.

Torque: **57 N·m (585 kgf·cm, 42ft·lbf)**



T

(b) Connect the rear flexible hose LH to the rear axle beam assembly with a new clip.

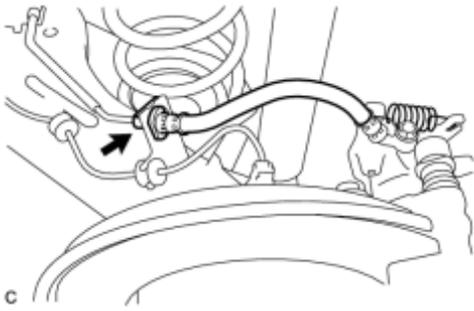
NOTICE:

Install the clip as far as it will go.

(c) Using a union nut wrench, connect the brake line to the rear flexible hose LH while holding the rear flexible hose LH with a wrench.

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

- Do not bend or damage the brake line.
- Do not allow any foreign matter such as dirt and dust to enter the brake



line from the connecting points.

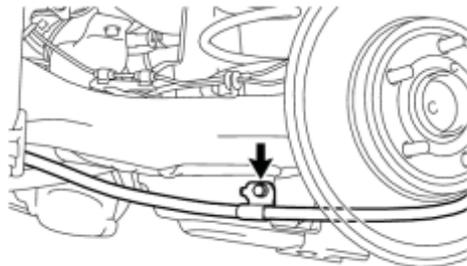
- Use the formula to calculate special torque values for situations where the union nut wrench is combined with a torque wrench INFO.

19. INSTALL REAR DISC BRAKE CALIPER ASSEMBLY RH

HINT:

Perform the same procedure as for the LH side.

20. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY



(a) Install the No. 3 parking brake cable assembly to the rear axle beam assembly with the bolt.

Torque: **6.0 N·m (61 kgf·cm, 53in·lbf)**

P

21. INSTALL NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Perform the same procedure as for the No. 3 parking brake cable assembly.

22. CONNECT NO. 3 PARKING BRAKE CABLE ASSEMBLY INFO

23. CONNECT NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Perform the same procedure as for the LH side.

24. INSTALL REAR SPEED SENSOR WIRE (for LH Side) INFO

25. INSTALL REAR SPEED SENSOR WIRE (for RH Side)

HINT:

Perform the same procedure as for the LH side.

26. CONNECT REAR SPEED SENSOR WIRE (for LH Side) INFO

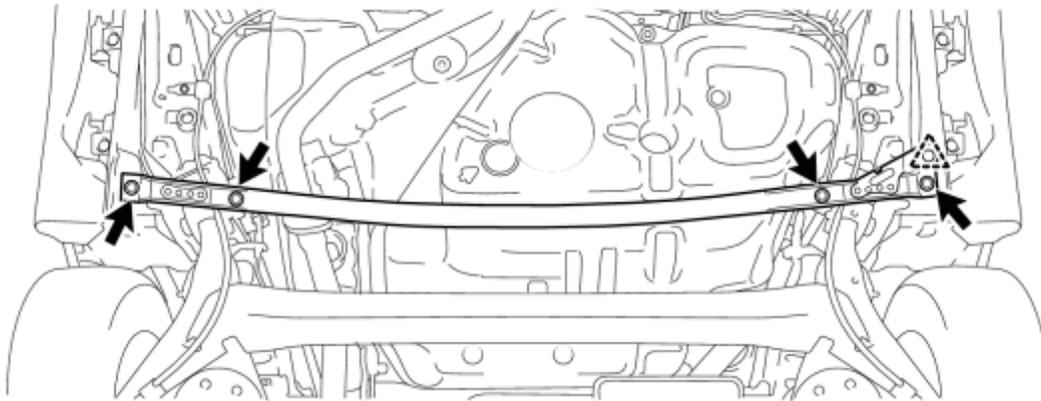
27. CONNECT REAR SPEED SENSOR WIRE (for RH Side)

HINT:

Perform the same procedure as for the LH side.

28. INSTALL REAR SUSPENSION BRACE SUB-ASSEMBLY

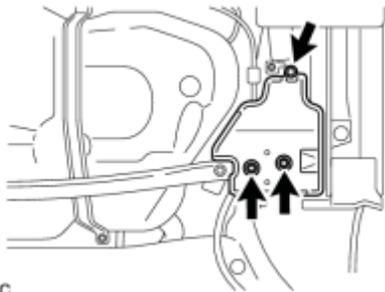
(a) Install the rear suspension brace sub-assembly with the 4 bolts and clip.



c

Torque: **54 N·m (551 kgf·cm, 40ft·lbf)**

29. INSTALL REAR FLOOR SIDE MEMBER COVER LH (w/ Floor Under Cover)



c

(a) Install the rear floor side member cover LH with the nut and 2 bolts.

30. INSTALL REAR FLOOR SIDE MEMBER COVER RH (w/ Floor Under Cover)

(a) Engage the clip to temporarily install the rear floor side member cover RH.



(b) Install the rear floor side member cover RH with the 3 bolts.

31. ADJUST PARKING BRAKE

INFO

32. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY

INFO

33. INSTALL COWL SIDE TRIM SUB-ASSEMBLY LH

INFO

34. INSTALL FRONT DOOR SCUFF PLATE LH

INFO

35. BLEED BRAKE LINE

INFO

36. PERFORM INITIALIZATION AND CALIBRATION OF LINEAR SOLENOID VALVE

HINT:

If the brake control has been disabled, make sure to perform initialization and calibration of the linear solenoid valve

INFO

37. INSTALL REAR WHEELS

Torque: **103 N·m (1050 kgf·cm, 76ft·lbf)**

38. STABILIZE SUSPENSION

INFO

39. FULLY TIGHTEN REAR AXLE BEAM ASSEMBLY

INFO

40. INSTALL REAR WHEEL HOUSE LINER LH (w/ Wheel House Liner)

INFO

41. INSTALL REAR WHEEL HOUSE LINER RH (w/ Wheel House Liner)

HINT:

Perform the same procedure as for the LH side.

42. INSPECT REAR WHEEL ALIGNMENT

INFO

43. PLACE FRONT WHEELS FACING STRAIGHT AHEAD

44. PERFORM YAW RATE AND ACCELERATION SENSOR CALIBRATION

INFO .

45. CHECK FOR SPEED SENSOR SIGNAL

INFO .

46. PERFORM INITIALIZATION (w/ Height Control Sensor)

NOTICE:

Some systems need to be initialized after the rear height control sensor sub-assembly RH is replaced **INFO** .