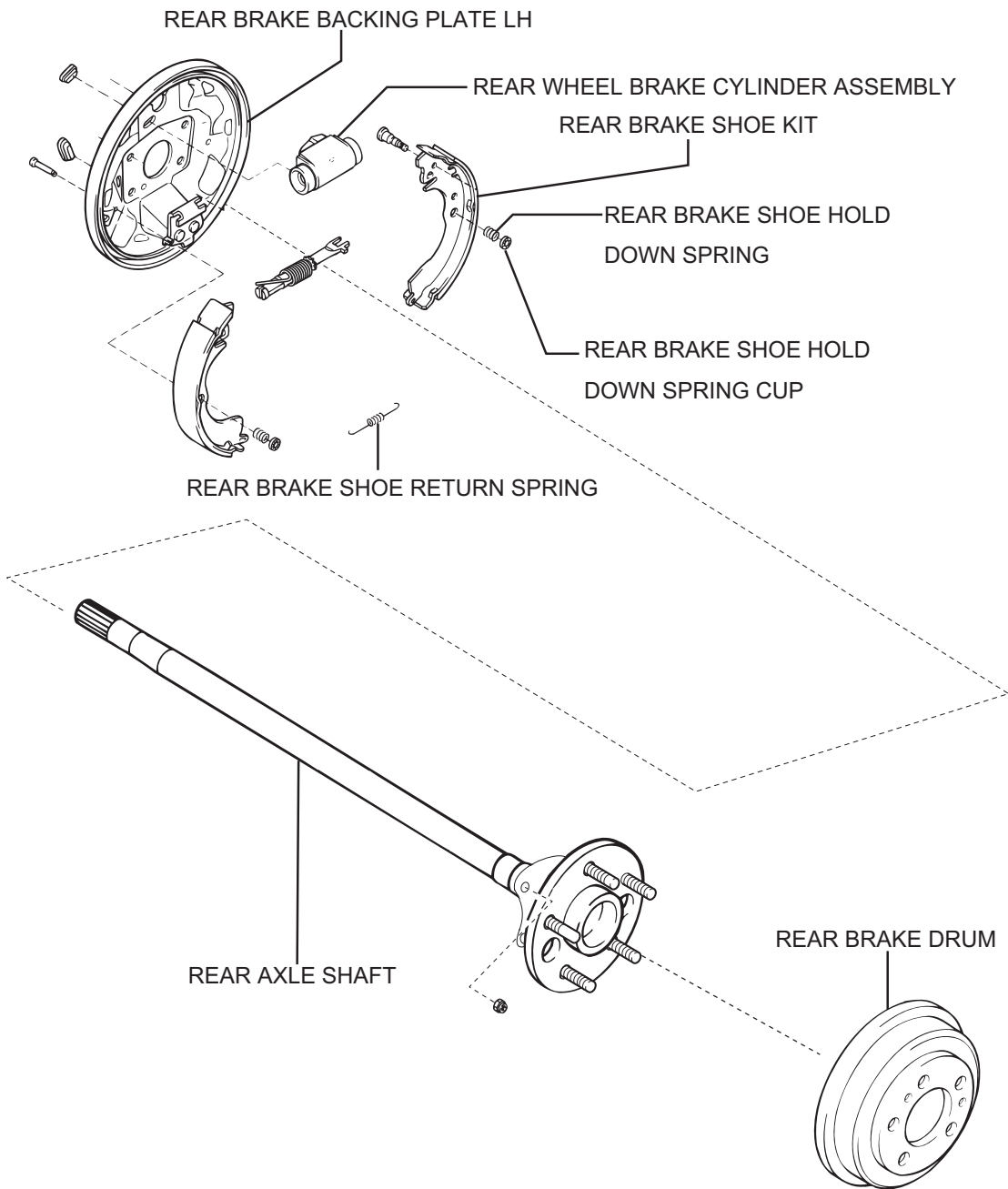


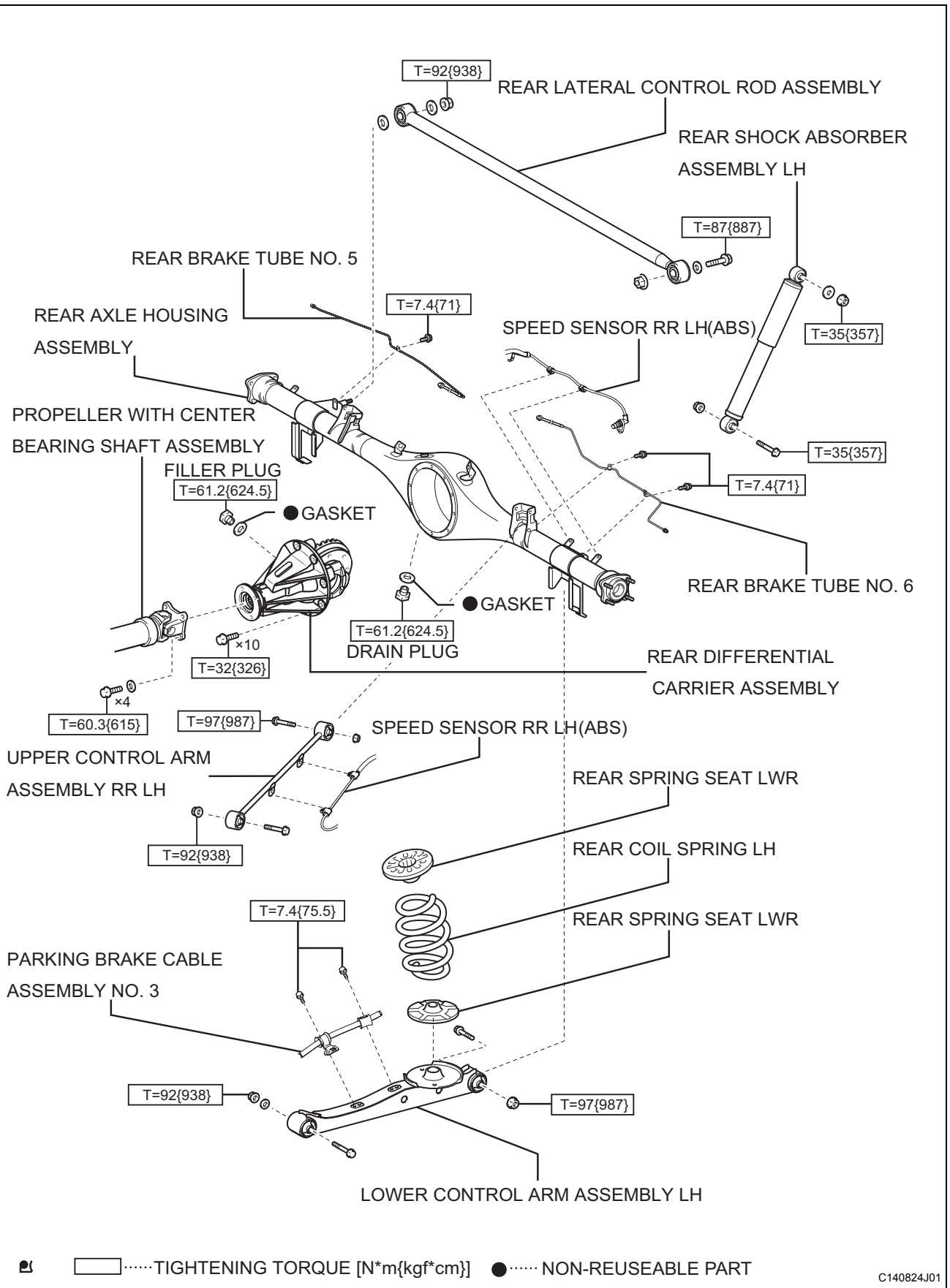
REAR AXLE HOUSING ASSEMBLY

COMPONENTS



AH

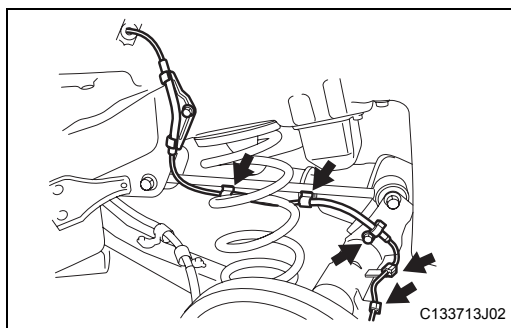




REMOVAL

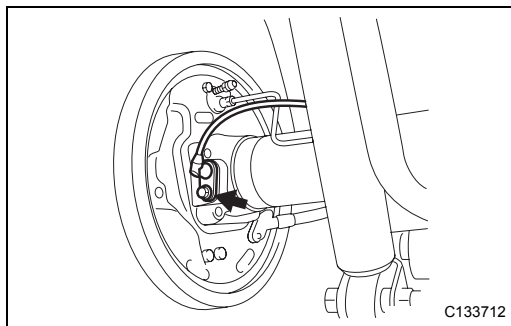
1. REMOVE REAR TIRE
2. DRAIN BRAKE FLUID
3. DRAIN AUTOMATIC TRANSMISSION FLUID (AUTOMATIC TRANSMISSION) (See page AT-85)
4. DRAIN TRANSFER OIL (TRANSMISSION A/T, 4WD) (See page TF-7)
5. DRAIN MANUAL TRANSMISSION OIL (MANUAL TRANSMISSION) (See page MT-9)
6. DRAIN DIFFERENTIAL OIL (See page DF-3)
7. DISCONNECT SPEED SENSOR RR LH

- (a) Remove the bolt and 4 wire harness clamps, and disconnect the speed sensor RR LH from the rear suspension arm No. 1 and the rear axle housing assembly.



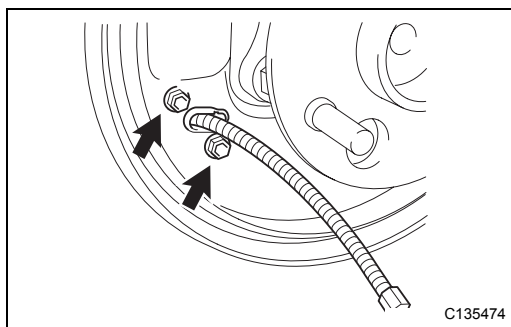
- (b) Remove the bolt and speed sensor RR LH.

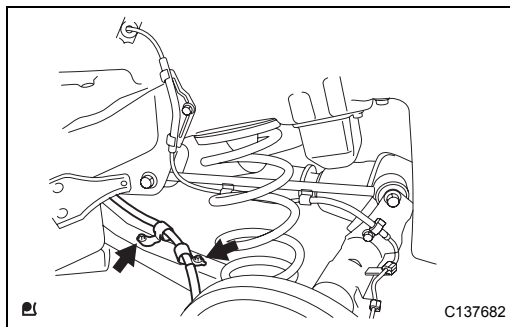
8. DISCONNECT SPEED SENSOR RR RH
- (a) Perform the same procedure for the RH as for the LH.
9. REMOVE REAR BRAKE DRUM (See page BR-30)
10. REMOVE REAR BRAKE SHOE KIT (See page BR-30)



11. DISCONNECT PARKING BRAKE CABLE ASSEMBLY NO. 3

- (a) Remove the two bolts, and disconnect the parking brake cable from the backing plate.





- (b) Remove the 2 bolts, and separate the 2 parking brake cable clamps from the rear suspension control arm.

12. REMOVE REAR WHEEL BRAKE CYLINDER ASSEMBLY (See page BR-31)

13. REMOVE REAR AXLE BEARING RETAINER OUT LH (See page AH-13)

14. REMOVE REAR AXLE SHAFT (See page AH-13)

15. REMOVE REAR BRAKE BACKING PLATE LH

- (a) Remove the rear brake backing plate LH from the rear axle shaft.

16. REMOVE REAR BRAKE BACKING PLATE RH

- (a) Perform the same procedure for the RH as for the LH.

17. REMOVE PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY (See page PR-6)

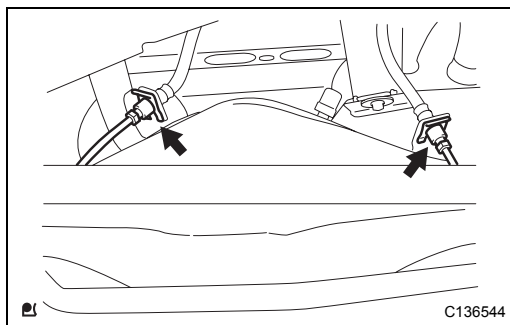
18. REMOVE REAR DIFFERENTIAL CARRIER ASSEMBLY (See page DF-34)

19. REMOVE REAR BRAKE FLEXIBLE HOSE LH

SST 09023-00100

- (a) Using the SST, disconnect the brake tube from the rear brake flexible hose LH.

- (b) Remove the clip and disconnect the rear brake flexible hose LH from the rear axle housing assembly.



20. REMOVE REAR BRAKE FLEXIBLE HOSE RH

SST 09023-00100

- (a) Perform the same procedure for the RH as for the LH.

21. REMOVE UPPER CONTROL ARM ASSEMBLY RR LH (See page SP-22)

22. REMOVE UPPER CONTROL ARM ASSEMBLY RR RH

- (a) Perform the same procedure for the RH as for the LH.

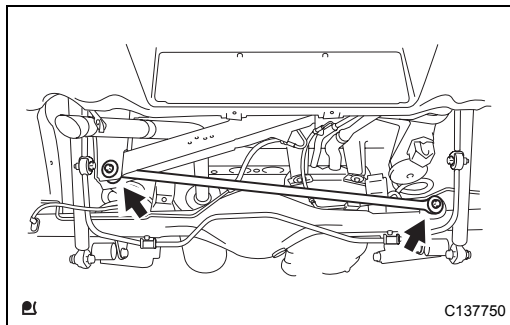
23. SUPPORT REAR AXLE HOUSING ASSEMBLY

- (a) Using a mission jack, support the rear axle housing assembly with a rag placed between the assembly and the jack.

24. REMOVE REAR LATERAL CONTROL ROD ASSEMBLY

- (a) Remove the bolt, nut, and 2 washers, and remove the body side of the rear lateral control rod.

- (b) Remove the nut and 2 washers, and remove the rear axle housing assembly side of the rear lateral control rod.



25. REMOVE REAR SHOCK ABSORBER ASSEMBLY LH (See page SP-20)

26. REMOVE REAR SHOCK ABSORBER ASSEMBLY LH

- (a) Perform the same procedure for the RH as for the LH.

27. REMOVE REAR COIL SPRING LH

28. REMOVE REAR COIL SPRING RH

29. REMOVE LOWER CONTROL ARM ASSEMBLY LH (See page SP-24)

30. REMOVE LOWER CONTROL ARM ASSEMBLY RH

- (a) Perform the same procedure for the RH as for the LH.

31. REMOVE REAR AXLE HOUSING ASSEMBLY

- (a) Slowly lower the jack supporting the rear axle housing assembly, and remove the rear axle housing.

32. REMOVE REAR SPRING SHEET LOWER

- (a) Remove the rear spring sheet LWR from the rear axle housing assembly.

33. REMOVE REAR BRAKE TUBE NO. 5

- (a) Remove the bolt and the rear brake tube No. 5.

NOTICE:

Do not bend or damage the tube No. 5.

34. REMOVE REAR BRAKE TUBE NO. 6

- (a) Remove the 2 bolts and rear brake tube No. 6.

NOTICE:

Do not bend or damage tube No. 6.

INSTALLATION

1. INSTALL REAR BRAKE TUBE NO. 5

- (a) Install rear brake tube No. 5 with the bolt.

NOTICE:

Do not bend or damage tube No. 5.

Torque: 7.4 N*m (71 kgf*cm)

2. INSTALL REAR BRAKE TUBE NO. 6

- (a) Install rear brake tube No. 6 with the 2 bolts.

NOTICE:

Do not bend or damage tube No. 6.

Torque: 7.4 N*m (71 kgf*cm)

3. INSTALL REAR SPRING SHEET LWR**4. INSTALL REAR AXLE HOUSING ASSEMBLY**

- (a) By supporting the axle with a jack, temporarily install the lower control arm LH and RH with the bolt and nut.

5. INSTALL REAR COIL SPRING LH (See page SP-19)**6. INSTALL REAR COIL SPRING RH**

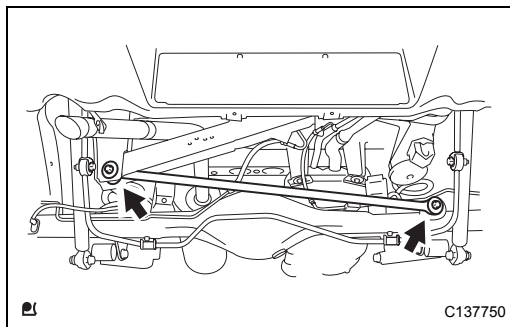
- (a) Perform the same procedure for the RH as for the LH.

7. TEMPORARILY TIGHTEN REAR SHOCK ABSORBER ASSEMBLY LH (See page SP-20)**8. TEMPORARILY TIGHTEN REAR SHOCK ABSORBER ASSEMBLY RH**

- (a) Perform the same procedure for the RH as for the LH.

9. TEMPORARILY TIGHTEN REAR LATERAL CONTROL ROD ASSEMBLY

- (a) Using the bolt, nut and 2 washers, install the rear lateral control rod assembly to the body side.



- (b) Using the nut and 2 washers, install the rear lateral control rod assembly to the rear axle housing assembly.

10. TEMPORARILY TIGHTEN UPPER CONTROL ARM ASSEMBLY RR LH (See page SP-22)

11. TEMPORARILY TIGHTEN UPPER CONTROL ARM ASSEMBLY RR RH

- (a) Perform the same procedure for the RH as for the LH.

12. CONNECT REAR BRAKE FLEXIBLE HOSE LH SST O9023-00100

- (a) Using a new clip, install the rear brake flexible hose LH to the rear axle housing assembly.

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

Torque: 15.2 N*m (155 kgf*cm)

13. CONNECT REAR BRAKE FLEXIBLE HOSE RH SST O9023-00100

- (a) Perform the same procedure for the RH as for the LH.

14. INSTALL REAR DIFFERENTIAL CARRIER ASSEMBLY (See page DF-50)

15. INSTALL PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY (See page PR-7)

16. INSTALL REAR BRAKE BACKING PLATE LH

- (a) Apply the Three Bond 1212 or equivalent to the brake backing plate and install the plate to the rear axle housing.

NOTICE:

Do not apply to the weep hole of the backing plate shown in the illustration.

17. INSTALL REAR BRAKE BACKING PLATE RH

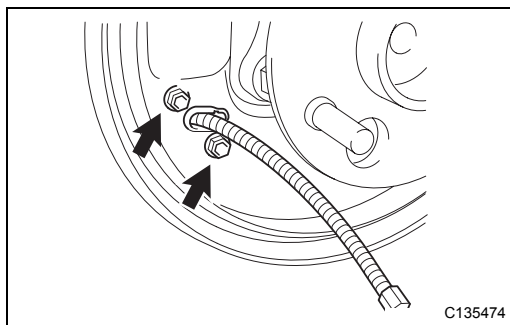
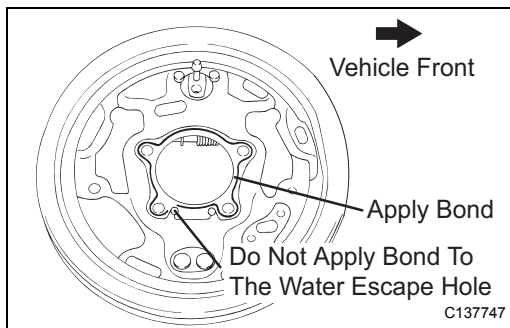
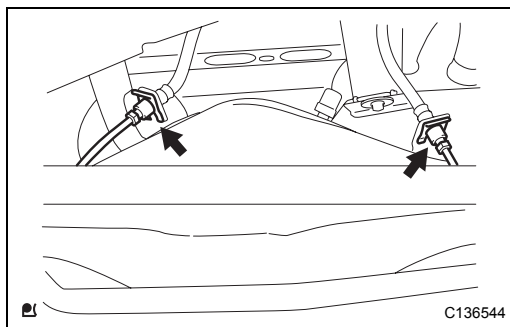
- (a) Perform the same procedure for the RH as for the LH.

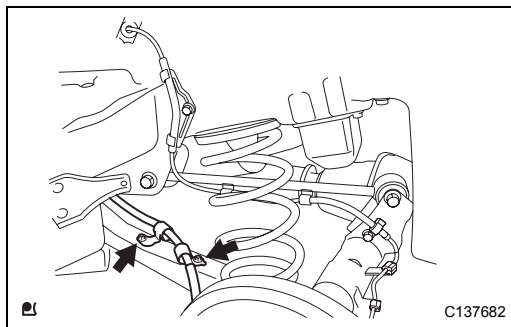
18. INSTALL REAR AXLE SHAFT (See page AH-15)

19. CONNECT PARKING BRAKE CABLE ASSEMBLY NO. 3

- (a) Using the two bolts, install the parking brake cable assembly No. 3 to the backing plate.

Torque: 8.0 N*m (82 kgf*cm)





- (b) Using the 2 bolts, install the 2 cable clamps to the rear suspension arm assembly No. 2.

Torque: 7.4 N*m (75.5 kgf*cm)

20. **INSTALL REAR WHEEL BRAKE CYLINDER ASSEMBLY** (See page BR-32)
21. **INSTALL REAR BRAKE SHOE KIT** (See page BR-33)
22. **INSTALL REAR BRAKE DRUM**
23. **BLEED AIR FROM BRAKE SYSTEM (WITHOUT VSC)**
(See page BC-9)
24. **BLEED AIR FROM BRAKE SYSTEM (WITH VSC)**
(See page BC-65)
25. **ADD AUTOMATIC TRANSMISSION FLUID (AUTOMATIC TRANSMISSION)**
26. **ADD TRANSFER OIL (AUTOMATIC TRANSMISSION, 4WD)**
27. **ADD MANUAL TRANSMISSION OIL (MANUAL TRANSMISSION)**
28. **ADD DIFFERENTIAL OIL** (See page DF-3)
29. **INSTALL REAR TIRE**
Torque: 103 N*m (1050 kgf*cm)
30. **STABILIZE VEHICLE** (See page SP-21)
31. **FULLY TIGHTEN REAR SHOCK ABSORBER ASSEMBLY LH** (See page SP-21)
32. **FULLY TIGHTEN REAR SHOCK ABSORBER ASSEMBLY RH**
(a) Perform the same procedure for the RH as for the LH.
33. **FULLY TIGHTEN REAR LATERAL CONTROL ROD ASSEMBLY**
(a) Tighten the bolts of the body side.
Torque: 87 N*m (887 kgf*cm)
(b) Tighten the nuts of the rear axle housing side.
Torque: 92 N*m (938 kgf*cm)
34. **FULLY TIGHTEN UPPER CONTROL ARM ASSEMBLY RR LH** (See page SP-23)
35. **FULLY TIGHTEN UPPER CONTROL ARM ASSEMBLY RR RH**
(a) Perform the same procedure for the RH as for the LH.
36. **FULLY TIGHTEN LOWER CONTROL ARM ASSEMBLY LH** (See page SP-25)
37. **FULLY TIGHTEN LOWER CONTROL ARM ASSEMBLY RH**
(a) Perform the same procedure for the RH as for the LH.

