

UPPER CONTROL ARM ASSY (4WD)

REPLACEMENT

27085-01

HINT:

COMPONENTS: See page 27-2

1. REMOVE REAR WHEEL
2. REMOVE EXHAUST PIPE (See page 15-4)
3. REMOVE PROPELLER W/CENTER BEARING SHAFT ASSY (See page 30-6)
4. SEPARATE REAR STABILIZER LINK ASSY LH (See page 30-66)
5. SEPARATE REAR STABILIZER LINK ASSY RH

HINT:

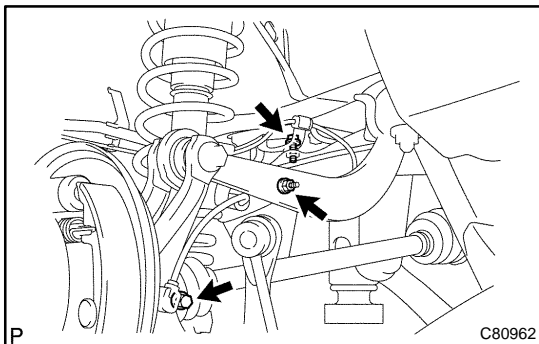
Separate the RH side by the same procedure as the LH side.

6. REMOVE REAR AXLE SHAFT LH NUT (See page 30-63)
SST 09930-00010
7. REMOVE REAR AXLE SHAFT RH NUT
SST 09930-00010

HINT:

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

8. REMOVE REAR BRAKE DRUM SUB-ASSY



9. DISCONNECT SPEED SENSOR REAR LH (W/ ABS)
 - (a) Remove the 2 bolts and nut, disconnect the speed sensor rear LH from the upper control arm assy.

10. DISCONNECT SPEED SENSOR REAR RH (W/ ABS)

HINT:

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

11. REMOVE FRONT BRAKE SHOE (See page 32-41)
SST 09718-00010

HINT:

Use the same manner described above to the other side.

12. REMOVE PARKING BRAKE SHOE STRUT SET LH (See page 32-41)
SST 09703-30010
13. REMOVE PARKING BRAKE SHOE STRUT SET RH
SST 09703-30010

HINT:

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

14. REMOVE REAR BRAKE SHOE (See page 32-41)
SST 09718-00010

HINT:

Use the same manner described above to the other side.

15. DISCONNECT PARKING BRAKE CABLE ASSY NO.3 (See page 27-27)

16. DISCONNECT PARKING BRAKE CABLE ASSY NO.2

HINT:

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

17. DISCONNECT REAR BRAKE TUBE NO.4 (See page 30-66)

SST 09023-00100

18. DISCONNECT REAR BRAKE TUBE NO.3

SST 09023-00100

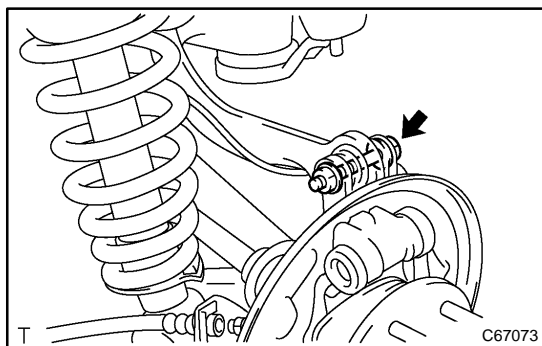
HINT:

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

19. SEPARATE REAR SUSPENSION ARM ASSY NO.1 LH (See page 30-63)**20. SEPARATE REAR SUSPENSION ARM ASSY NO.1 RH**

HINT:

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

**21. SEPARATE UPPER CONTROL ARM ASSY**

- (a) Remove the bolt and nut, separate the upper control arm assy.

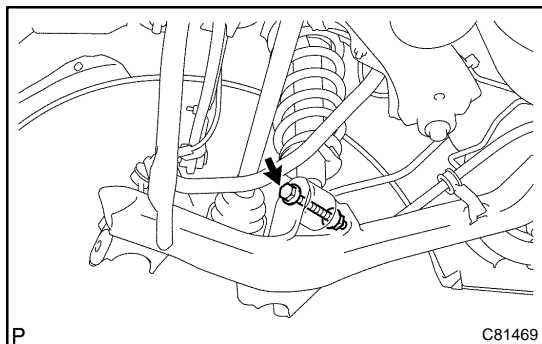
NOTICE:

When removing the bolt, stop the nut from rotating and loosen the bolt.

22. REMOVE REAR AXLE ASSY LH (See page 30-63)**23. REMOVE REAR AXLE ASSY RH**

HINT:

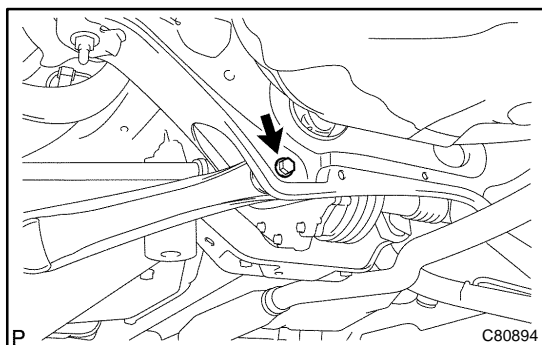
Remove the RH side by the same procedure as the LH side.

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

- (a) Remove the bolt and nut, disconnect the rear shock absorber with coil spring.

NOTICE:

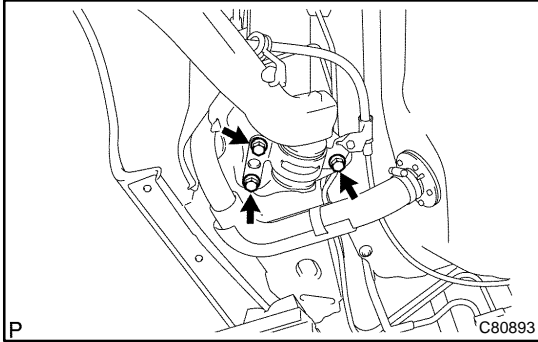
When removing the bolt, stop the nut from rotating and loosen the bolt.



- (b) Remove the bolt and nut, disconnect the rear side rear suspension arm assy No.1 LH.

NOTICE:

When removing the bolt, stop the nut from rotating and loosen the bolt.

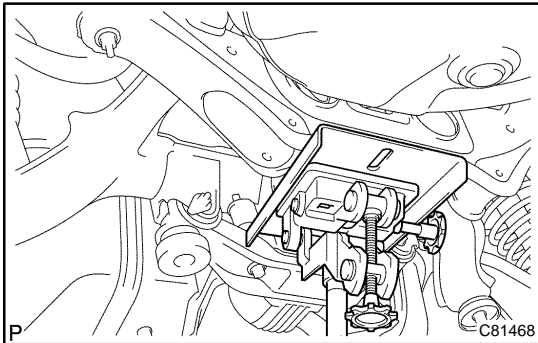


- (c) Remove the front side 3 bolts and rear suspension arm assy No.1 LH.

25. REMOVE REAR SUSPENSION ARM ASSY NO.1 RH

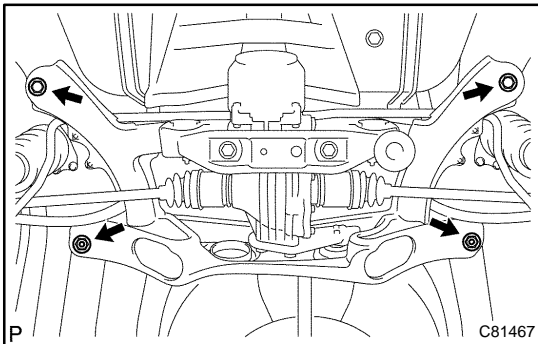
HINT:

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

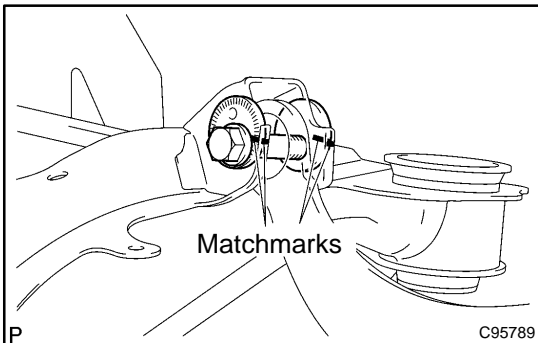


26. REMOVE REAR SUSPENSION MEMBER SUB-ASSY

- (a) Lower the rear suspension member sub-assy with a jack.

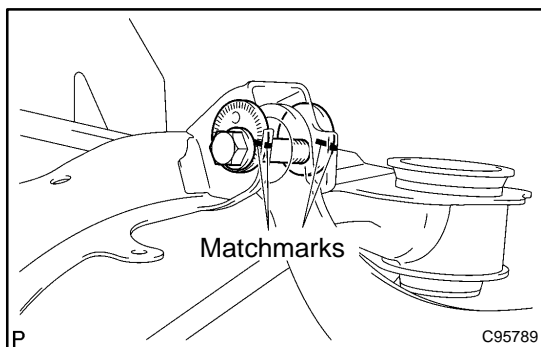


- (b) Remove the 2 bolts and 2 nuts from the rear suspension member sub-assy.

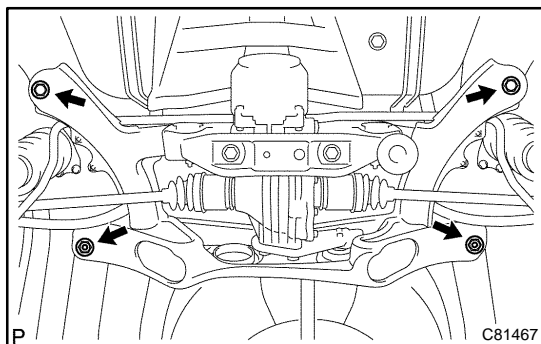


27. REMOVE UPPER CONTROL ARM ASSY

- (a) Make matchmarks on the camber adjust cam assy, camber adjust cam No.2 and rear suspension member sub-assy.
- (b) Remove the nut, camber adjust cam assy and camber adjust cam No.2.

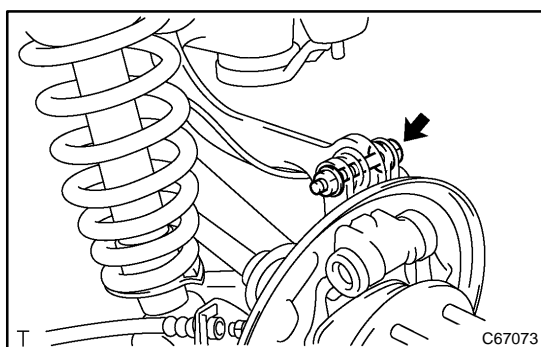
**28. INSTALL UPPER CONTROL ARM ASSY**

- (a) Insert the camber adjust cam assy from the front side of the vehicle, temporarily tighten with nut through the camber adjust cam No.2.

**29. INSTALL REAR SUSPENSION MEMBER SUB-ASSY**

- (a) Install the rear suspension member sub-assy with 2 bolts and 2 nuts.

Torque: 105 N·m (1,071 kgf·cm, 77 ft·lbf)

**30. TEMPORARY TIGHTEN UPPER CONTROL ARM ASSY**

- (a) Install the upper control arm assy, temporarily tighten the bolt and nut.

31. INSTALL REAR AXLE ASSY LH (See page 30-63)**32. INSTALL REAR AXLE ASSY RH**

HINT:

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

33. INSTALL REAR SUSPENSION ARM ASSY NO.1 LH (See page 30-63)**34. INSTALL REAR SUSPENSION ARM ASSY NO.1 RH**

HINT:

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

35. CONNECT REAR BRAKE TUBE NO.4 (See page 30-66)

SST 09023-00100

36. CONNECT REAR BRAKE TUBE NO.3

SST 09023-00100

HINT:

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

37. CONNECT PARKING BRAKE CABLE ASSY NO.3 (See page 27-27)**38. CONNECT PARKING BRAKE CABLE ASSY NO.2**

HINT:

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

39. APPLICATION HIGH TEMPERATURE GREASE (See page 32-41)

40. INSTALL REAR BRAKE SHOE (See page 32-41)

SST 09718-00010

HINT:

Use the same manner described above to the other side.

41. INSTALL PARKING BRAKE SHOE STRUT SET LH (See page 32-41)

SST 09703-30010

42. INSTALL PARKING BRAKE SHOE STRUT SET RH

SST 09703-30010

HINT:

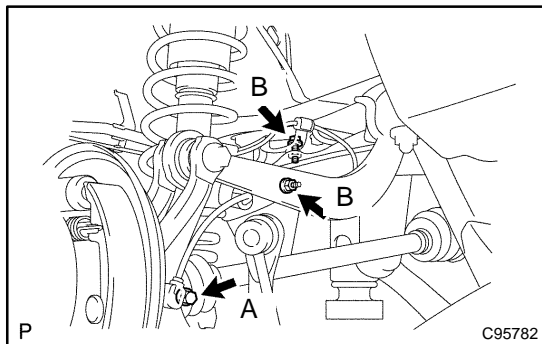
Install the RH side by the same procedure as the LH side.

43. INSTALL FRONT BRAKE SHOE (See page 32-41)

SST 09718-00010

HINT:

Use the same manner described above to the other side.

44. CHECK REAR DRUM BRAKE INSTALLATION (See page 32-41)**45. CONNECT SPEED SENSOR REAR LH (W/ ABS)**

- (a) Connect the speed sensor rear LH with 2 bolts and nut.

Torque:**A: 8.0 N·m (82 kgf·cm, 71 in·lbf)****B: 5.0 N·m (51 kgf·cm, 44 in·lbf)****46. CONNECT SPEED SENSOR REAR RH (W/ ABS)****HINT:**

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

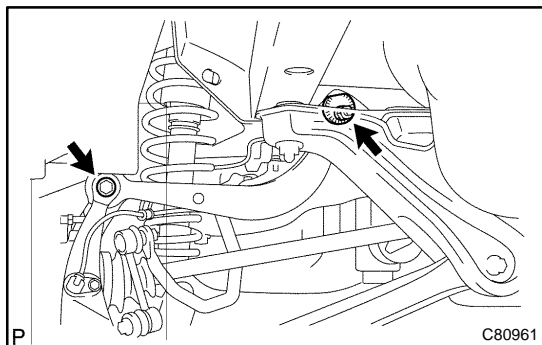
47. INSTALL REAR BRAKE DRUM SUB-ASSY**48. ADJUST REAR DRUM BRAKE SHOE CLEARANCE (See page 32-41)****49. INSTALL REAR AXLE SHAFT LH NUT (See page 30-63)****50. INSTALL REAR AXLE SHAFT RH NUT****HINT:**

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

51. INSTALL REAR STABILIZER LINK ASSY LH (See page 30-66)**52. INSTALL REAR STABILIZER LINK ASSY RH****HINT:**

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

53. TEMPORARY TIGHTEN PROPELLER W/CENTER BEARING SHAFT ASSY (See page 30-6)**54. FULLY TIGHTEN PROPELLER W/CENTER BEARING SHAFT ASSY (See page 30-6)****55. INSTALL EXHAUST PIPE (See page 15-4)****56. CHECK EXHAUST GAS LEAK****57. STABILIZE SUSPENSION (See page 27-16)**

**58. FULLY TIGHTEN UPPER CONTROL ARM ASSY**

(a) Fully tighten the bolt and nut.

Torque: 74 N·m (755 kgf·cm, 55 ft·lbf)**NOTICE:****When installing the bolt, stop the nut from rotating and tighten the bolt.**

(b) Align the matchmarks on the camber adjust cam No.2, fully tighten the nut.

Torque: 74 N·m (755 kgf·cm, 55 ft·lbf)**59. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH (See page 30-63)****60. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 RH****HINT:**

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

61. BLEED BRAKE LINE (See page 32-6)**62. INSPECT PARKING BRAKE LEVER TRAVEL (See page 33-2)****63. ADJUST PARKING BRAKE LEVER TRAVEL (See page 33-2)****64. INSPECT AND ADJUST REAR WHEEL ALIGNMENT (See page 27-7)****65. CHECK ABS SPEED SENSOR SIGNAL (W/ ABS) (See page 05-316)**