

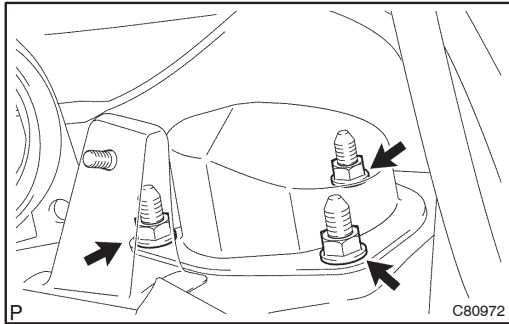
PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY

270HS-01

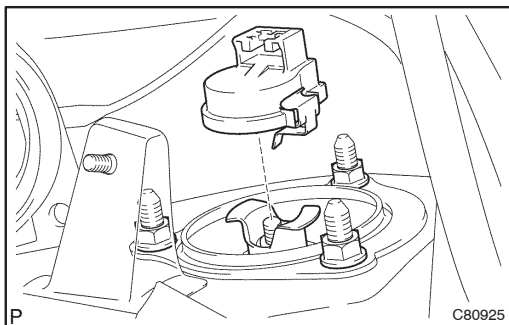
REPLACEMENT

HINT:

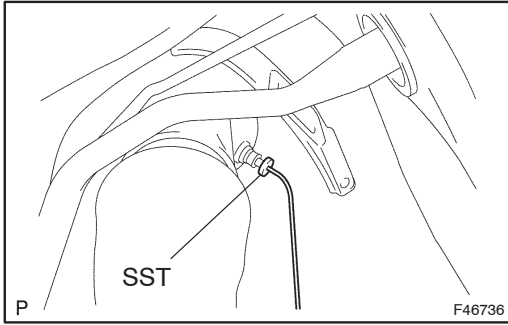
- Use the same procedures for the RH side and LH side.
 - The procedures listed below are for the LH side.
1. REMOVE REAR SEAT CUSHION ASSY (SEE PAGE 72-13 OR 72-19)
 2. REMOVE REAR SEATBACK ASSY (SEE PAGE 72-13 OR 72-19)
 3. REMOVE REAR DOOR SCUFF PLATE RH
 4. REMOVE REAR DOOR SCUFF PLATE LH
 5. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH (SEE PAGE 75-33)
 6. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH (SEE PAGE 75-33)
 7. REMOVE REAR SEAT SIDE COVER RH
 8. REMOVE REAR SEAT SIDE COVER LH
 9. REMOVE ROOF SIDE GARNISH INNER RH
 10. REMOVE ROOF SIDE GARNISH INNER LH
 11. REMOVE CENTER STOP LAMP ASSY (SEE PAGE 65-22)
 12. REMOVE PACKAGE TRAY TRIM PANEL ASSY
 13. REMOVE REAR WHEEL



14. REMOVE REAR SHOCK ABSORBER CAP LH
 - (a) Remove the 3 nuts and rear shock absorber cap LH.

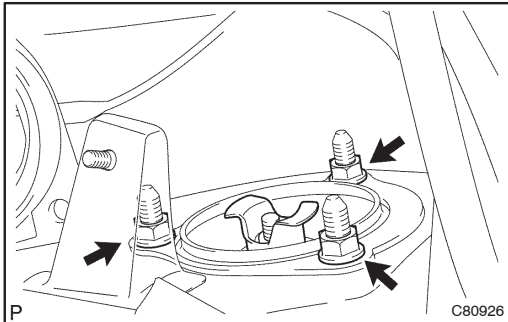


15. REMOVE ABSORBER CONTROL ACTUATOR
 - (a) Turn the absorber control actuator counter clockwise 40° and remove it.

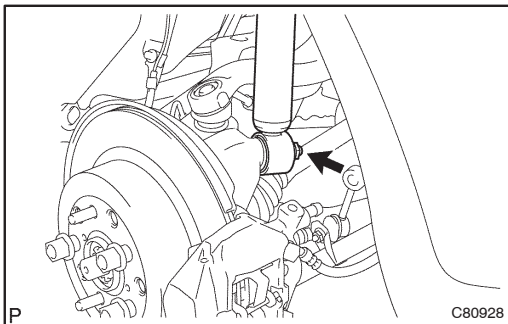


16. REMOVE PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Support the rear axle carrier with a jack using a wood block to avoid damage.
- (b) Remove the rear tire house cover.
- (c) Disconnect the connector No.1 (see page 25-1).
- (d) Using SST, disconnect the air tube.
SST 09730-00010



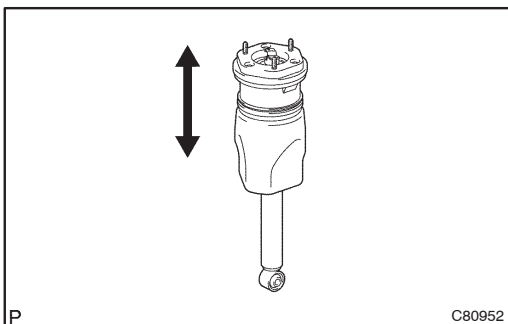
- (e) Remove the pneumatic rear LH w/ shock absorber cylinder assy upper side 3 nuts.



- (f) Remove the pneumatic rear LH w/ shock absorber cylinder assy lower side nut.
- (g) Let it down slowly to remove the pneumatic rear LH w/ shock absorber cylinder assy.

17. REMOVE O-RING

- (a) Remove the connector No.2.
- (b) Remove the 2 O-rings.



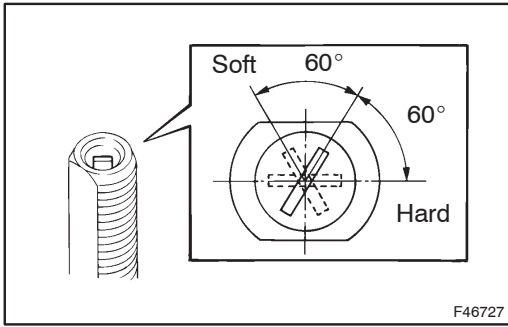
18. INSPECT PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Inspect pneumatic cylinder assy operation.
 - (1) Compress and expand the pneumatic rear LH w/ shock absorber cylinder assy 4 times or more.
 - (2) Check that there is no abnormal resistance or unusual operation sounds.

If there is any abnormality, replace the pneumatic rear LH w/ shock absorber cylinder assy with a new one.

NOTICE:

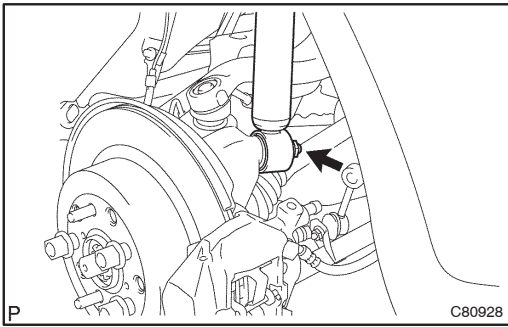
When disposing of the pneumatic rear LH w/shock absorber cylinder assy, see DISPOSAL on page 27-14.



- (b) Check that there is difference in the damping force when the rods are positioned as shown.

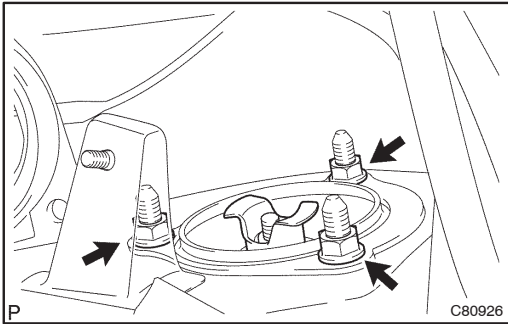
19. INSTALL O-RING

- (a) Install the 2 O-rings.
(b) Install the connector No.2.

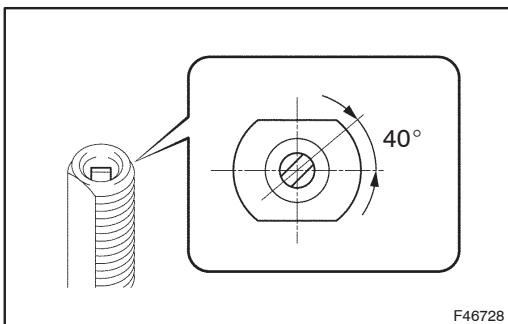


20. TEMPORARILY TIGHTEN PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Install the pneumatic rear LH w/ shock absorber cylinder assy lower side nut.
(b) Jack up the rear axle carrier slowly using a wood block to avoid damage.

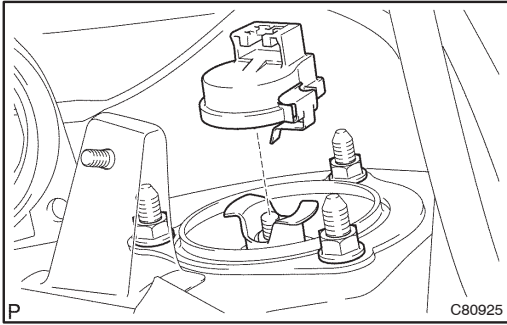


- (c) Install the pneumatic rear LH w/ shock absorber cylinder assy upper side 3 nuts.
Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)
(d) Connect the air tube to the pneumatic rear LH w/ shock absorber cylinder assy.
(e) Connect the connector No.1.

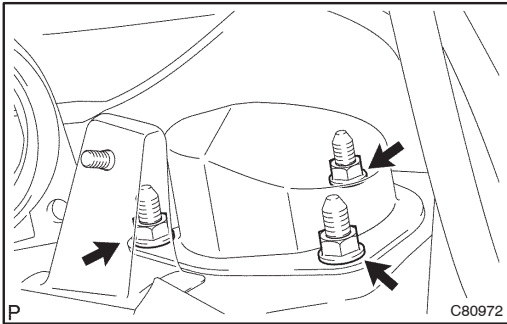


21. INSTALL ABSORBER CONTROL ACTUATOR

- (a) Check that the control rod position as shown.



- (b) Install the absorber control actuator to the pneumatic rear LH w/ shock absorber cylinder assy.
- (c) Until a response is felt, turn the absorber control actuator clockwise approx. 40°.
- (d) Connect the connector.

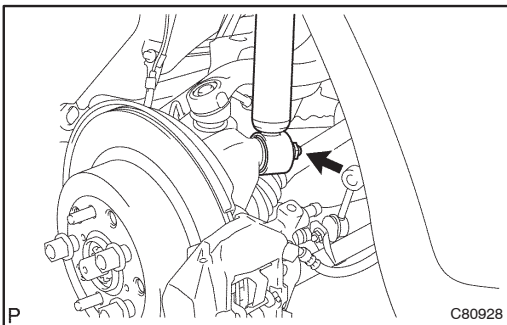


22. INSTALL REAR SHOCK ABSORBER CAP LH

- (a) Install the rear shock absorber cap LH with the 3 nuts.
Torque: 25 N·m (260 kgf·cm, 18 ft·lbf)
- (b) Start the engine so that the pneumatic rear LH w/ shock absorber cylinder assy is filled with air.
- (c) Check for air leakage (see page 25-4).

23. STABILIZE SUSPENSION

- (a) Install the rear wheels.
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
- (b) Jack down the vehicle slowly until all the tires are on the ground.
- (c) Bounce the vehicle up and down several times to stabilize the suspension.
- (d) Remove the front wheels.
- (e) Jack up the rear axle carrier using a wooden block to avoid damage.



24. FULLY TIGHTEN PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY

- (a) Fully tighten pneumatic rear LH w/ shock absorber cylinder assy lower side nut.
Torque: 70 N·m (720 kgf·cm, 52 ft·lbf)

25. INSTALL REAR WHEEL

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

26. ADJUST VEHICLE HEIGHT (SEE PAGE 25-4)

27. ADJUST REAR WHEEL ALIGNMENT (SEE PAGE 27-8)