

## OVERHAUL

HINT:

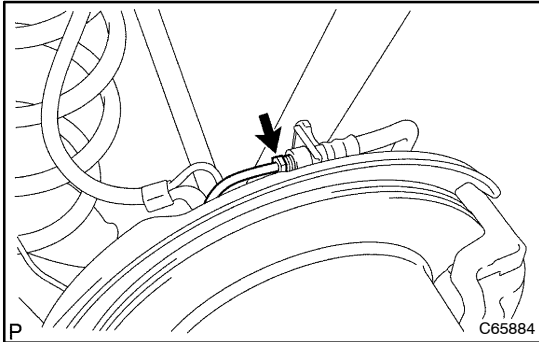
REAR BRAKE COMPONENTS (See page 32-37)

### 1. REMOVE REAR WHEEL

### 2. DRAIN BRAKE FLUID

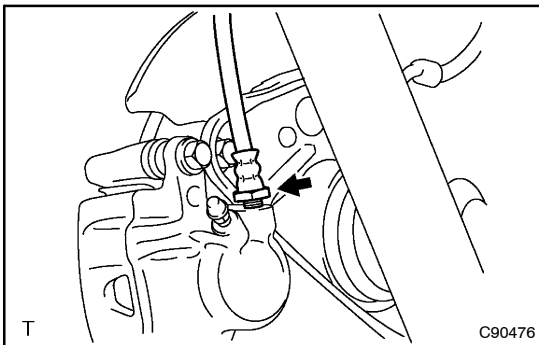
NOTICE:

Do not let brake fluid remain on a painted surface. Wash it off immediately.



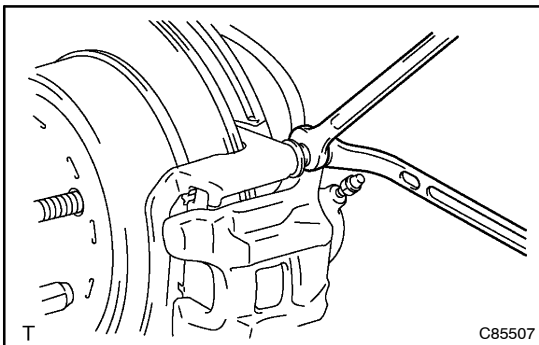
### 3. SEPARATE REAR BRAKE TUBE NO. 4

- (a) Using SST, separate the rear brake tube No. 4 from the rear LH flexible hose.  
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### 4. SEPARATE REAR LH FLEXIBLE HOSE

- (a) Remove the clip and separate the rear LH flexible hose from the axle carrier.
- (b) Using SST, separate the rear LH flexible hose from the disc brake cylinder assy.  
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### 5. REMOVE DISC BRAKE CYLINDER ASSY REAR LH

- (a) Hold the cylinder slide pin and remove the 2 bolts and disc brake cylinder assy.

### 6. REMOVE REAR DISC BRAKE CYLINDER SLIDE PIN

- (a) Remove the 2 cylinder slide pins from the disc brake cylinder mounting.

### 7. REMOVE REAR DISC BRAKE BUSH DUST BOOT

- (a) Remove the 2 bush dust boots from the disc cylinder mounting.

### 8. REMOVE DISC BRAKE PAD KIT REAR (PAD ONLY)

- (a) Remove the 2 brake pads with anti-squeal shims.

**9. REMOVE REAR DISC BRAKE ANTI SQUEAL SHIM KIT**

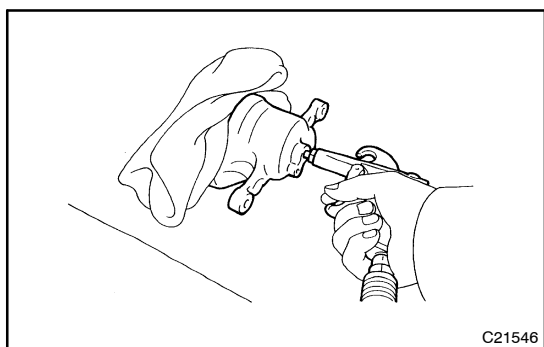
- (a) Remove the anti-squeal shim No. 1 and anti-squeal shim No. 2 from the each pad.

**10. REMOVE REAR DISC BRAKE PAD SUPPORT PLATE****11. REMOVE REAR DISC BRAKE PAD SUPPORT PLATE****12. REMOVE REAR DISC BRAKE CYLINDER MOUNTING LH**

- (a) Remove the 2 bolts and disc brake cylinder mounting.

**13. REMOVE CYLINDER BOOT**

- (a) Using a screwdriver, remove the set ring and cylinder boot.

**14. REMOVE REAR DISC BRAKE DISC BRAKE PISTON**

- (a) Place a piece of cloth or similar, between the piston and the disc brake cylinder.
- (b) Use compressed air to remove the piston from the disc brake cylinder.

**CAUTION:**

**Do not place your fingers in front of the piston when using compressed air.**

**NOTICE:**

**Do not spatter the brake fluid.**

**15. REMOVE PISTON SEAL**

- (a) Using a screwdriver, remove the piston seal from the disc brake cylinder.

**16. REMOVE REAR DISC BRAKE BLEEDER PLUG CAP****17. REMOVE REAR DISC BRAKE BLEEDER PLUG****18. INSPECT BRAKE CYLINDER AND PISTON**

- (a) Check the cylinder bore and piston for rust or scoring.

**19. INSPECT PAD LINING THICKNESS**

- (a) Using a ruler, measure the pad lining thickness.

**Standard thickness: 11.0 mm (0.433 in.)**

**Minimum thickness: 1.0 mm (0.039 in.)**

**20. INSPECT REAR DISC BRAKE PAD SUPPORT PLATE**

- (a) Make sure that they have sufficient rebound, no deformation cracks or wear, and have had all rust, dirt and foreign particles cleaned off.

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- (a) Make sure that they have sufficient rebound, no deformation cracks or wear, and have had all rust, dirt and foreign particles cleaned off.

**22. INSPECT DISC THICKNESS**

- (a) Using a micrometer, measure the disc thickness.

**Standard thickness: 12.0 mm (0.472 in.)**

**Minimum thickness: 10.5 mm (0.413 in.)**

**23. REMOVE REAR DISC**

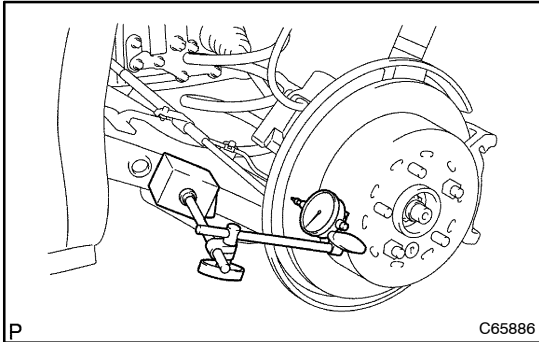
- (a) Put matchmarks on the disc and the axle hub.
- (b) Remove the disc.

**24. INSTALL REAR DISC**

- (a) Aligning the matchmarks, install the front disc.

**HINT:**

Select the installation position where the disc has the minimum runout.

**25. INSPECT DISC RUNOUT**

- (a) Temporarily fasten the disc with the hub nuts.  
**Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)**
- (b) Using a dial indicator, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the disc.  
**Maximum disc runout: 0.05 mm (0.0020 in.)**
- (c) If the disc's runout is maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page 30-28). If the bearing play and axle hub runout are not abnormal, adjust the disc runout or grind it on a "On-car" brake lathe.

**26. ADJUST PARKING BRAKE SHOE CLEARANCE (See page 33-13)****27. TEMPORARY TIGHTEN REAR DISC BRAKE BLEEDER PLUG**

- (a) Temporarily tighten the bleeder plug to the disc brake cylinder.

**28. INSTALL REAR DISC BRAKE BLEEDER PLUG CAP****29. INSTALL PISTON SEAL**

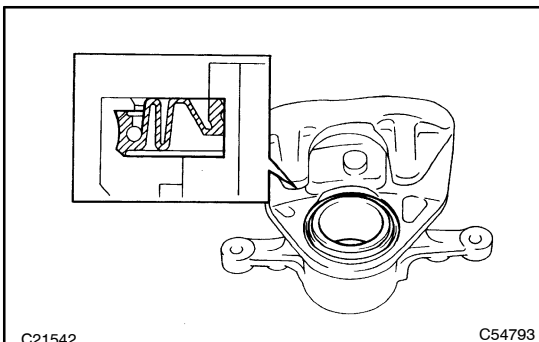
- (a) Apply the lithium soap base glycol grease on a new piston seal.
- (b) Install the piston seal to the disc brake cylinder.

**30. INSTALL REAR DISC BRAKE DISC BRAKE PISTON**

- (a) Apply the lithium soap base glycol grease on the piston.
- (b) Install the piston to the disc brake cylinder.

**NOTICE:**

**Do not screw the piston forcedly in the disc brake cylinder.**

**31. INSTALL CYLINDER BOOT**

- (a) Apply the lithium soap base glycol grease on a new cylinder boot.
- (b) Install the cylinder boot to the disc brake cylinder.

**HINT:**

Install the boot securely to the grooves of the cylinder and piston.

- (c) Using a screwdriver, install the set ring.

**NOTICE:**

**Do not damage the cylinder boot.**

**32. INSTALL REAR DISC BRAKE CYLINDER MOUNTING LH**

- (a) Install the disc brake cylinder mounting LH with the 2 bolts.

**Torque: 88.3 N·m (900 kgf·cm, 65 ft·lbf)**

**33. INSTALL REAR DISC BRAKE BUSH DUST BOOT**

- (a) Apply the lithium soap base glycol grease to seal surface of 2 new bush dust boots.  
 (b) Install the 2 bush dust boots to the cylinder mounting.

**34. INSTALL REAR DISC BRAKE PAD SUPPORT PLATE****35. INSTALL REAR DISC BRAKE PAD SUPPORT PLATE****36. INSTALL REAR DISC BRAKE ANTI SQUEAL SHIM KIT****NOTICE:**

**When replacing worn pads, the anti-squeal shims must be replaced together with the pads.**

- (a) Apply disc brake grease to both side of each anti-squeal shim No. 1.  
 (b) Install anti-squeal shim No.1 and anti-squeal shim No.2 on each pad.

**37. INSTALL DISC BRAKE PAD KIT REAR (PAD ONLY)**

- (a) Install the inner pad with the wear indicator plate facing downward, and install the outer pad.

**NOTICE:**

**There should be no oil or grease adhering to the friction surfaces of the pads and the disc.**

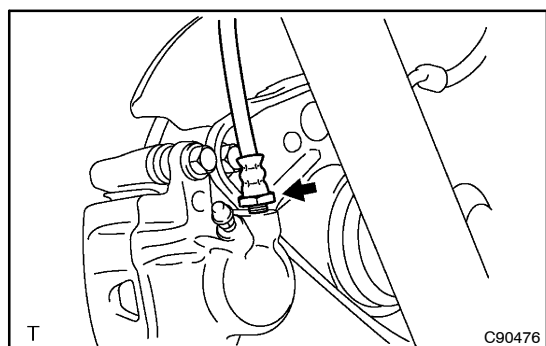
**38. INSTALL REAR DISC BRAKE CYLINDER SLIDE PIN**

- (a) Apply the lithium soap base glycol grease to the sliding part and the seal surface of the 2 cylinder slide pins.  
 (b) Install the 2 cylinder slide pins to the disc brake cylinder mounting.

**39. INSTALL DISC BRAKE CYLINDER ASSY REAR LH**

- (a) Install the disc brake cylinder with the 2 bolts.

**Torque: 34.3 N·m (350 kgf·cm, 25.3 ft·lbf)**

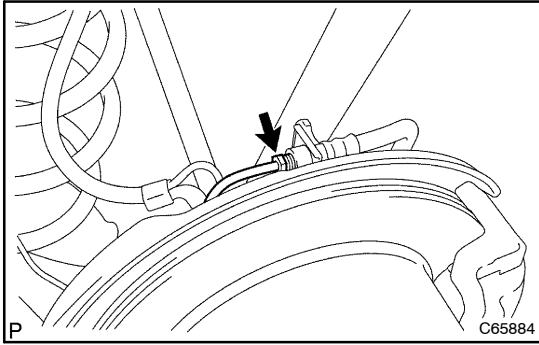
**40. CONNECT REAR LH FLEXIBLE HOSE**

- (a) Using SST, connect the rear LH flexible hose to the disc brake cylinder assy.

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**Torque: 23 N·m (235 kgf·cm, 17 ft·lbf)**

- (b) Install the rear LH flexible hose with the new clip to the axle carrier.

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

- (a) Using SST, connect the rear brake tube No. 4 to the rear LH flexible hose.

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**Torque: 15.0 N·m (153 kgf·cm, 11 ft·lbf)**

**42. FILL RESERVOIR WITH BRAKE FLUID (See page 32-4)****43. BLEED MASTER CYLINDER (See page 32-4)**

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**44. BLEED BRAKE LINE (See page 32-4)****45. CHECK FLUID LEVEL IN RESERVOIR (See page 32-4)****46. CHECK BRAKE FLUID LEAKAGE****47. INSTALL REAR WHEEL**

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