

INSPECTION

1. INSPECT BRAKE DRUM INSIDE DIAMETER

- (a) Using a brake drum gauge or equivalent, measure the inside diameter of the drum.

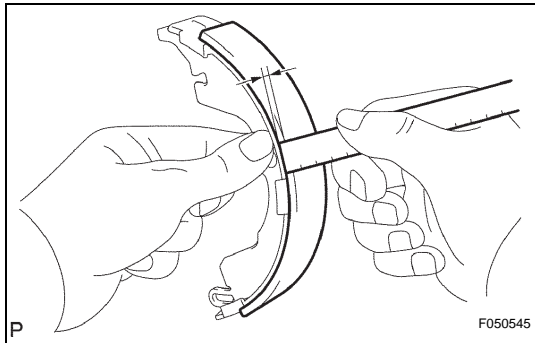
Standard inside diameter:

254 mm (10.00 in.)

Maximum inside diameter:

256 mm (10.08 in.)

If the inside diameter is greater than the maximum, replace the brake drum.



2. INSPECT REAR DRUM BRAKE SHOE LINING THICKNESS

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

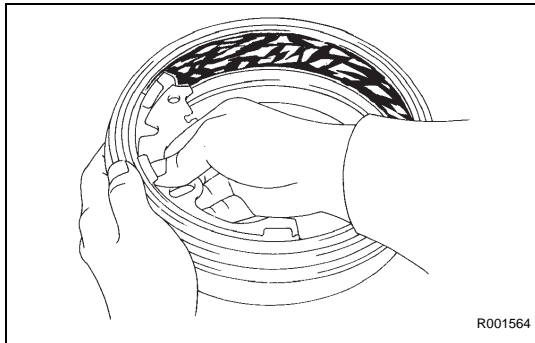
Standard thickness:

5.0 mm (0.197 in.)

Minimum thickness:

1.0 mm (0.039 in.)

If the lining thickness is the minimum value or less, or if there is any severe or uneven wear, replace the brake shoe.



3. INSPECT BRAKE DRUM AND REAR DRUM BRAKE SHOE LINING FOR PROPER CONTACT

- (a) Apply chalk to the inside surface of the drum, then grind the brake shoe lining for proper fitting. If the contact between the drum and the shoe lining is improper, repair it using a brake shoe grinder or replace the brake shoe assembly.

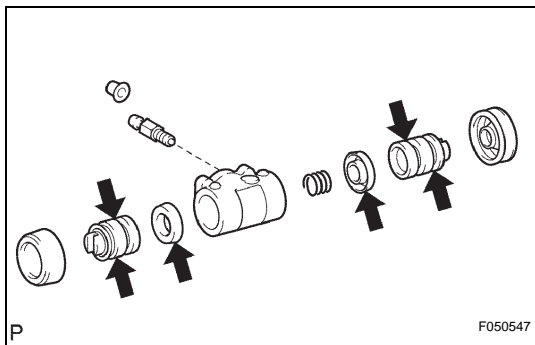
4. INSPECT REAR WHEEL BRAKE CYLINDER

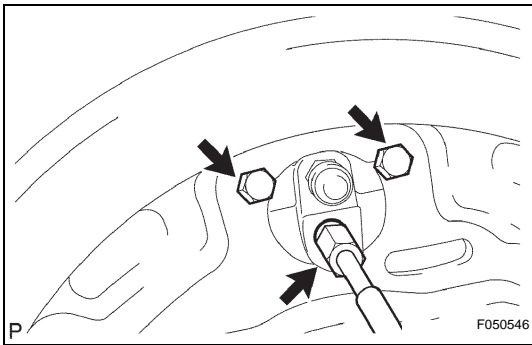
- (a) Check the cylinder bore and piston for rust and scoring.

REASSEMBLY

1. INSTALL REAR WHEEL CYLINDER CUP KIT

- (a) Provisionally tighten the bleeder plug to the rear wheel brake cylinder, and install the bleeder plug cap.
- (b) Apply lithium soap base glycol grease to 2 new cylinder cups and the 2 pistons.
- (c) Install the cylinder cup onto each piston.
- (d) Install the compression spring and 2 pistons onto the rear wheel brake cylinder.
- (e) Install the 2 new wheel cylinder boots onto the rear wheel brake cylinder.





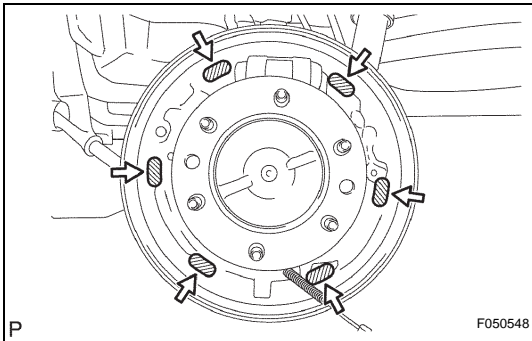
2. INSTALL FRONT OR UPPER REAR WHEEL BRAKE CYLINDER ASSEMBLY

- (a) Install the rear wheel brake cylinder assembly with the 2 bolts.

Torque: 9.5 N*m (97 kgf*cm, 84 in.*lbf)

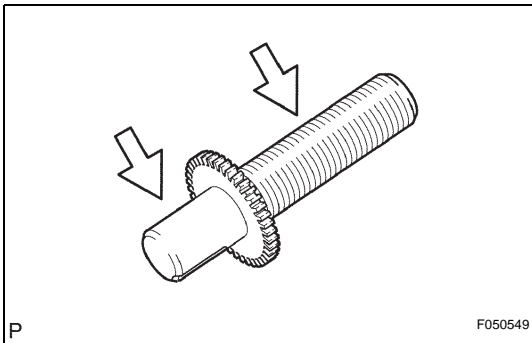
- (b) Using SST, connect the brake tube.

Torque: 15.2 N*m (155 kgf*cm, 11 ft.*lbf)



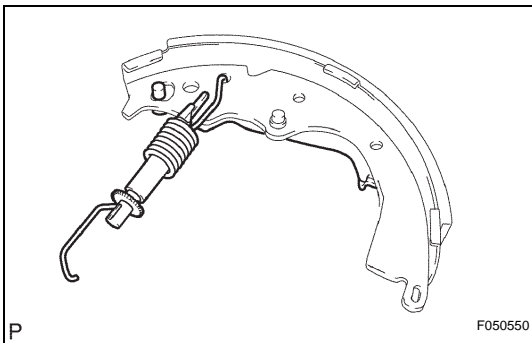
3. APPLY HIGH TEMPERATURE GREASE

- (a) Apply high temperature grease to the shoe attached surface of the backing plate.

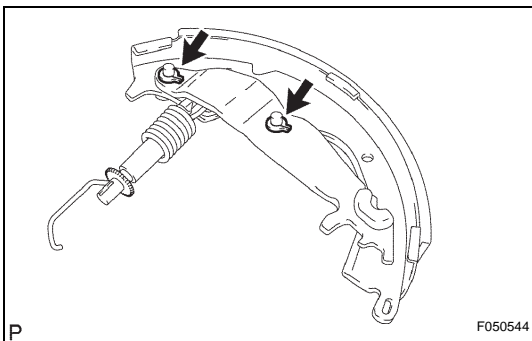


4. INSTALL REAR BRAKE SHOE

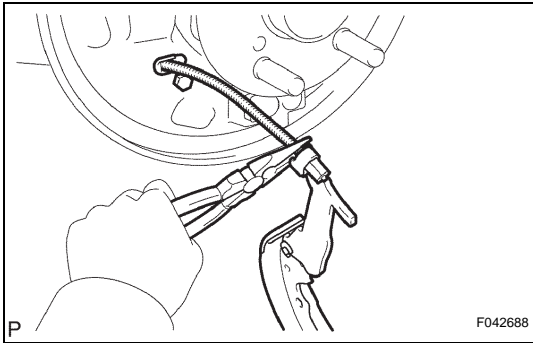
- (a) Apply high temperature grease to the adjusting bolt.



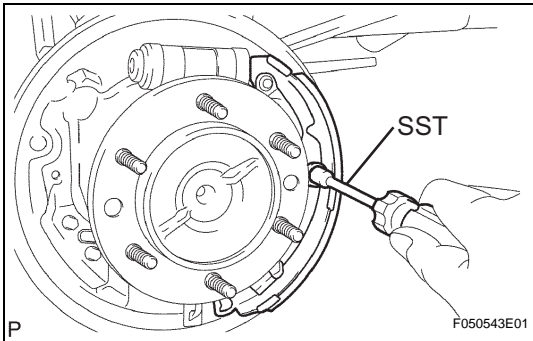
- (b) Install the parking brake shoe lever LH and parking brake shoe strut set with the shoe return spring onto the rear brake shoe.



- (c) Using pliers, install the parking brake shoe strut set, parking brake reaction lever and parking brake shoe lever LH with 2 new C-washers.



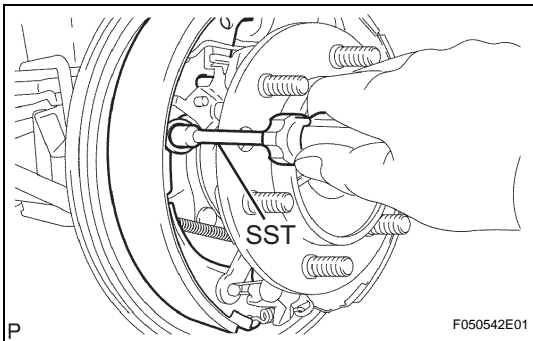
- (d) Using needle-nose pliers, connect the parking brake cable No. 3 to the parking brake shoe lever LH.



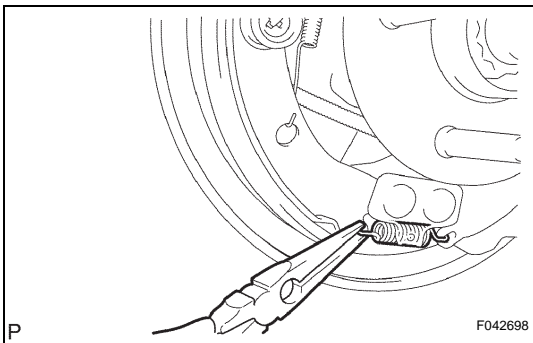
- (e) Using SST, install the rear brake shoe, pin, shoe hold down spring and shoe hold down spring cup.
SST 09718-00010

5. INSTALL FRONT BRAKE SHOE

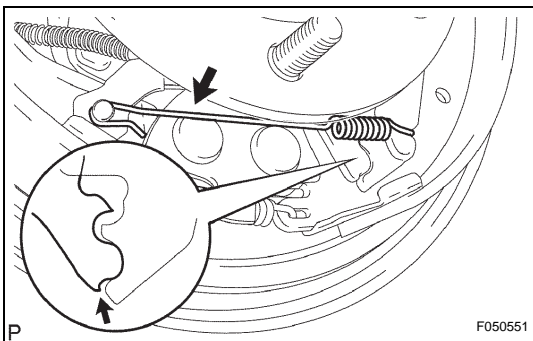
- (a) Install the automatic adjust lever LH, automatic adjust lever spring and parking brake shoe strut lower onto the front brake shoe.



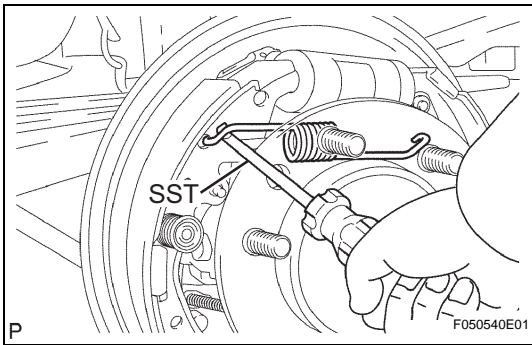
- (b) Using SST, install the front brake shoe, pin, shoe hold down spring and shoe hold down spring cup.
SST 09718-00010



- (c) Install the tension spring onto the front brake shoe and rear brake shoe.



- (d) Using needle-nose pliers, install the return spring.

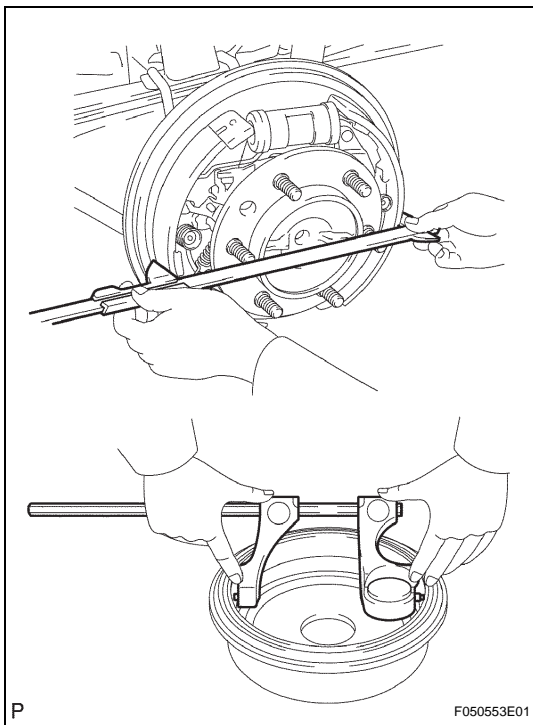
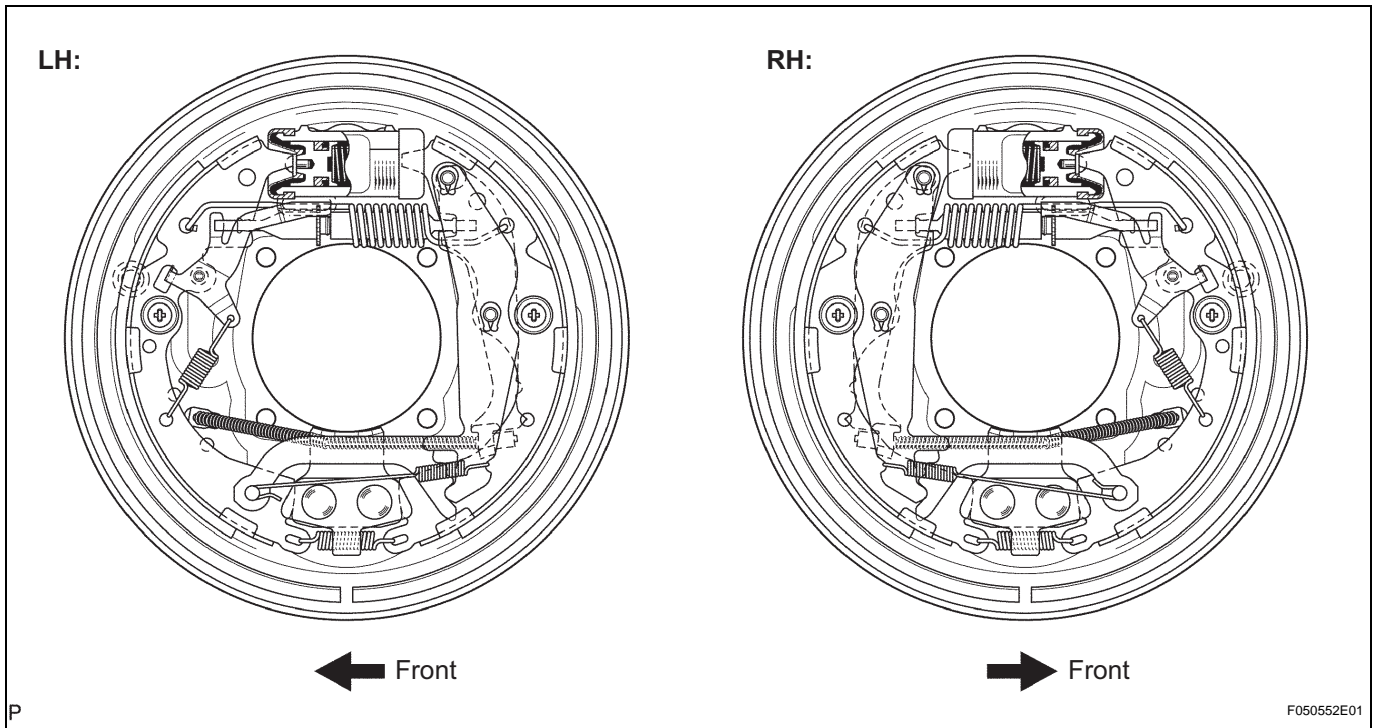


- (e) Using SST, install the shoe return spring onto the front brake shoe.

SST 09921-00010

6. INSPECT REAR DRUM BRAKE INSTALLATION

- (a) Check that each part is installed properly.



- (b) Measure the brake drum inside diameter and the diameter of the brake shoes. Check that difference between the diameters is the specified shoe clearance.

Shoe clearance:

0.5 mm (0.020 in.)

NOTICE:

There should be no oil or grease adhering to the friction surfaces of the shoe lining and the drum.