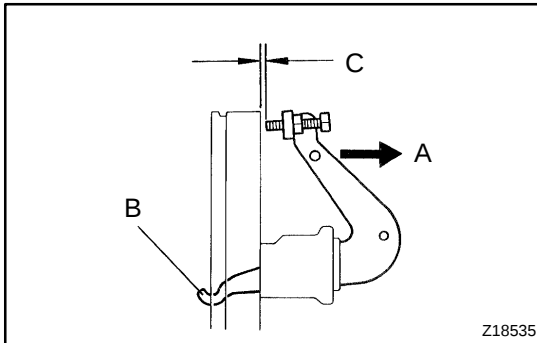


INSTALLATION

Installation is in the reverse order of removal (See page [BR-22](#)).

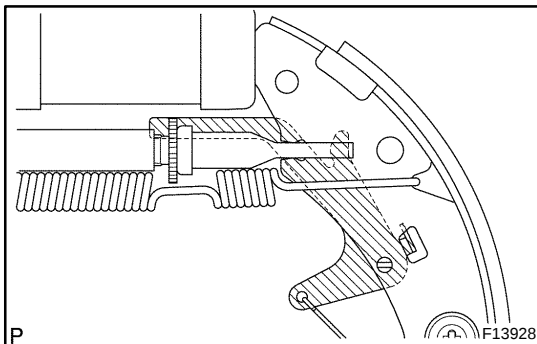
NOTICE:

Apply lithium soap base glycol grease and high temperature grease to the parts indicated by the arrows (See page [BR-21](#)).



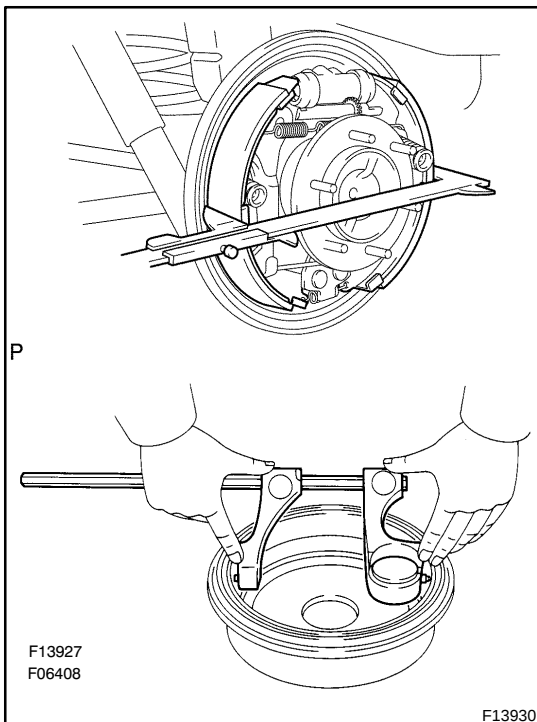
1. ADJUST BELLCRANK

- Lightly pull the bellcrank in direction "A" until there is no slack at part "B".
- In this condition, turn the adjusting bolt so that dimension "C" will be 0.4 - 0.8 mm (0.016 - 0.031 in.).
- Lock the adjusting bolt with the lock nut.
- Connect the parking brake cable to the parking brake bellcrank and install the clip.
- Install the 2 tension springs.



2. CHECK AUTOMATIC ADJUSTING LEVER

Check that the automatic adjusting lever is properly installed. If it is not correct, check for incorrect installation of the rear brakes.



3. CHECK CLEARANCE BETWEEN BRAKE SHOES AND DRUM

- Remove the drum.
- Measure the brake drum inside diameter and diameter of the brake shoes. Check that the difference between the diameters is the correct shoe clearance.

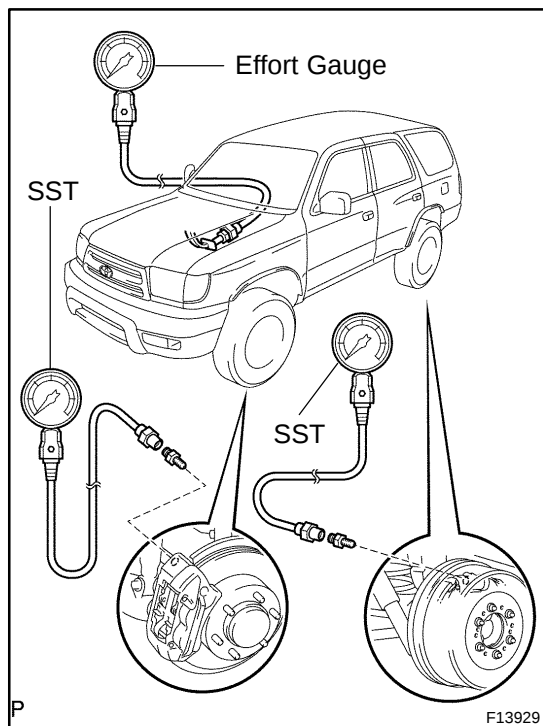
Shoe clearance: 0.5 mm (0.020 in.)

If it is incorrect, check the parking brake system.

4. FILL BRAKE RESERVOIR WITH BRAKE FLUID

5. BLEED BRAKE SYSTEM (See page [BR-4](#))

6. CHECK FOR LEAKS



HYDRAULIC BRAKE BOOSTER ON-VEHICLE INSPECTION

BR123-03

1. CHECK HYDRAULIC BRAKE BOOSTER FLUID PRESSURE CHANGE

- (a) Inspect the battery positive voltage.

Battery positive voltage: 10 - 14 V

- (b) Turn the ignition switch OFF, depress the brake pedal more than 40 times.

HINT:

When a pressure in power supply system is released, reaction force becomes heavy and stroke becomes shorter.

- (c) Install LSPV gauge (SST) and brake pedal effort gauge, bleed air.

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- (d) When booster does not operate:

Depress the brake pedal and check fluid pressure.

At 245 N (25 kgf, 55 lbf):

Front brake pressure	Rear brake pressure
2,100 kPa (21 kgf/cm ² , 305 psi) or more	0 kPa (0 kgf/cm ² , 0 psi)

At 343 N (35 kgf, 77 lbf):

Front brake pressure	Rear brake pressure
3,100 kPa (32 kgf/cm ² , 450 psi) or more	0 kPa (0 kgf/cm ² , 0 psi)

- (e) When booster operate:

- (1) Turn the ignition switch ON and wait until the pump motor has stopped.

- (2) Depress the brake pedal and check fluid pressure.

At 49 N (5 kgf, 11 lbf):

Front brake pressure	Rear brake pressure
1,000 - 2,200 kPa (10.2 - 22.4 kgf/cm ² , 145 - 319 psi)	1,200 - 2,400 kPa (12.2 - 24.4 kgf/cm ² , 174 - 348 psi)

At 98 N (10 kgf, 22 lbf):

Front brake pressure	Rear brake pressure
3,400 - 4,600 kPa (34.7 - 46.9 kgf/cm ² , 493 - 667 psi)	3,800 - 5,000 kPa (38.7 - 51.0 kgf/cm ² , 551 - 725 psi)

At 147 N (15 kgf, 33 lbf):

Front brake pressure	Rear brake pressure
5,600 - 6,800 kPa (57.1 - 69.3 kgf/cm ² , 812 - 986 psi)	6,000 - 7,200 kPa (61.2 - 73.4 kgf/cm ² , 870 - 1,044 psi)

At 196 N (20 kgf, 44 lbf):

Front brake pressure	Rear brake pressure
7,800 - 9,000 kPa (79.5 - 91.8 kgf/cm ² , 1,131 - 1,305 psi)	8,200 - 9,400 kPa (83.6 - 95.9 kgf/cm ² , 1,189 - 1,363 psi)