

Last Modified: 9-27-2022	6.11:8.1.0	Doc ID: RM000002QVV017X
Model Year Start: 2015	Model: Prius C	Prod Date Range: [12/2014 -]
Title: BRAKE (REAR): REAR BRAKE: INSTALLATION; 2015 MY Prius C [12/2014 -]		

INSTALLATION

HINT:

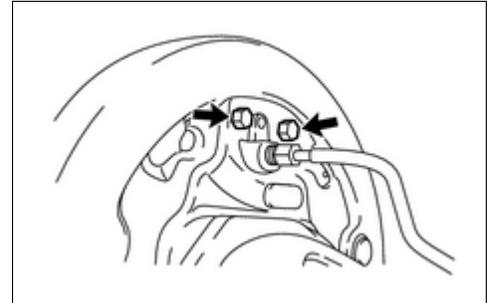
- Use the same procedure for the LH side and RH side.
- The following procedure is for the LH side.

1. INSTALL REAR WHEEL BRAKE CYLINDER ASSEMBLY

(a) Install the rear wheel brake cylinder assembly to the backing plate with the 2 bolts.

Torque:

9.8 N·m {100 kgf·cm, 87in·lbf}



(b) Using a union nut wrench, connect the brake line to the rear wheel brake cylinder assembly.

Text in Illustration

*a	Torque Wrench Fulcrum Length
----	------------------------------

Torque:

**Specified Tightening Torque -
15 N·m {155 kgf·cm, 11ft·lbf}**

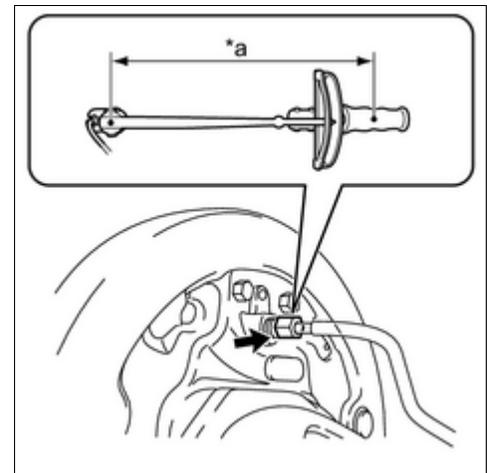
NOTICE:

Do not kink or damage the brake line.

HINT:

- Calculate the torque wrench reading when changing the fulcrum length for the torque wrench **INFO**.
- When using a union nut wrench (fulcrum length of 22 mm (0.866 in.)) + torque wrench (fulcrum length of 250 mm (9.84 in.)):

14 N·m (142 kgf·cm, 10 ft·lbf)



2. TEMPORARILY TIGHTEN REAR DRUM BRAKE BLEEDER PLUG

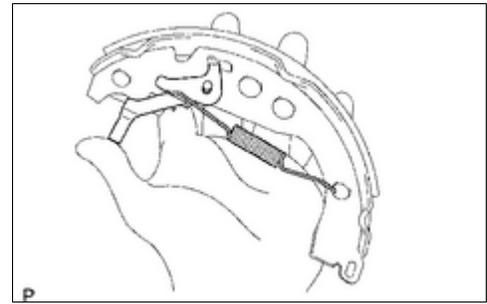
HINT:

Fully tighten the rear drum brake bleeder plug after bleeding any air left in the system.

3. INSTALL REAR DRUM BRAKE BLEEDER PLUG CAP

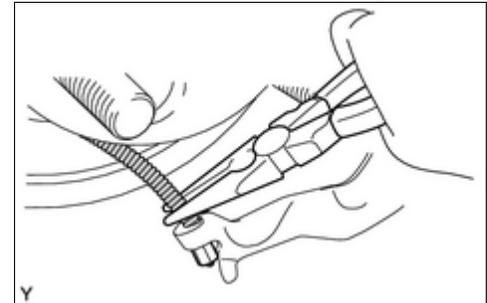
4. INSTALL REAR BRAKE AUTOMATIC ADJUST LEVER

- (a) Install the rear brake automatic adjust lever and automatic adjust lever tension spring to the rear brake shoe (front).



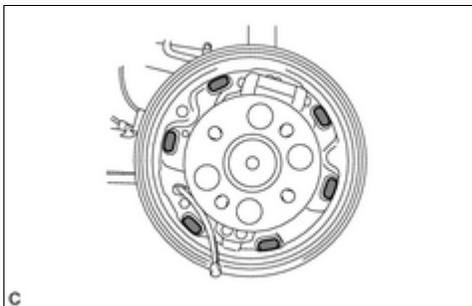
5. CONNECT NO. 3 PARKING BRAKE CABLE ASSEMBLY

- (a) Using needle-nose pliers, install the No. 3 parking brake cable assembly to the rear brake parking brake shoe lever sub-assembly.



6. INSTALL REAR BRAKE STRUT KIT

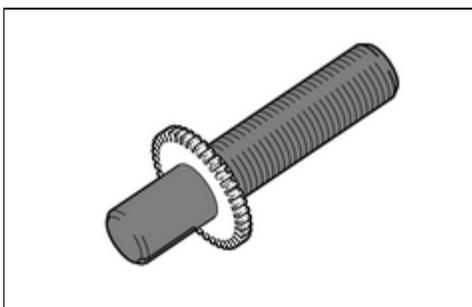
- (a) Apply high temperature grease to the surface of the backing plate that contacts the shoes as shown in the illustration.



Text in Illustration

	High Temperature Grease
---	-------------------------

- (b) Apply high temperature grease to the adjustment bolt.

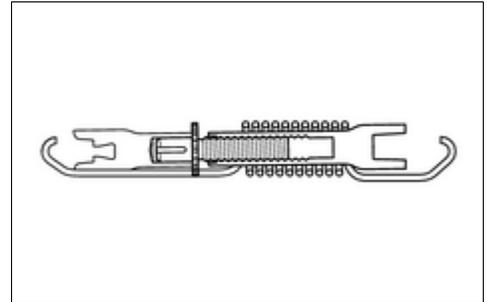


Text in Illustration

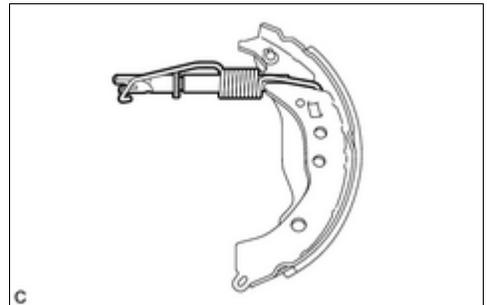


High Temperature Grease

(c) Assemble the rear brake strut kit as shown in the illustration.

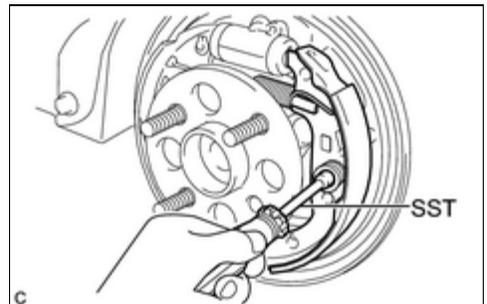


(d) Install the rear brake strut kit to the rear brake shoe.

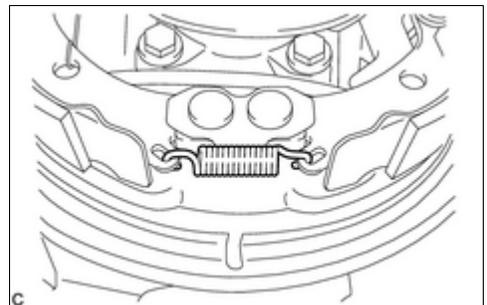


(e) Using SST, install the rear brake shoe, shoe hold down spring pin, shoe hold down spring and 2 shoe hold down spring cups.

SST: 09718-00011

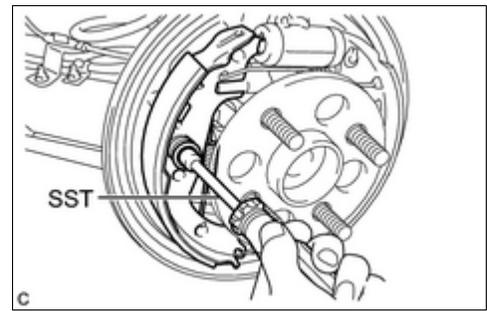


(f) Install the shoe tension spring to the rear brake shoe.



(g) Using SST, install the rear brake shoe, shoe hold down spring pin, shoe hold down spring and 2 shoe hold down spring cups.

SST: 09718-00011



(h) Using SST, install the tension spring to the rear brake shoe.

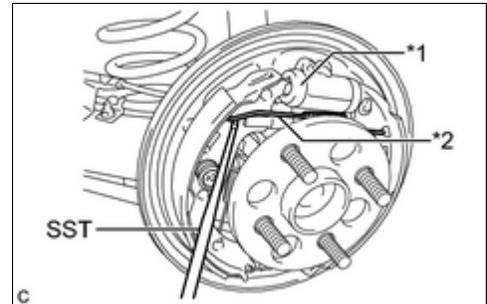
Text in Illustration

*1	Wheel Cylinder Boot
*2	Tension Spring

SST: 09921-00011

NOTICE:

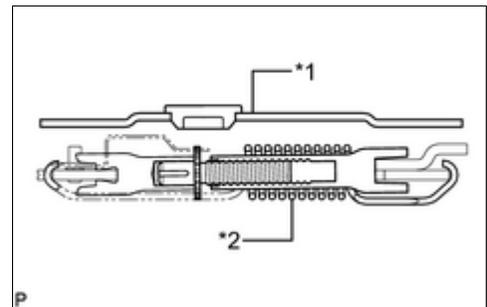
Do not damage the wheel cylinder boot.



(i) Inspect the rear brake strut set is installed properly as shown in the illustration.

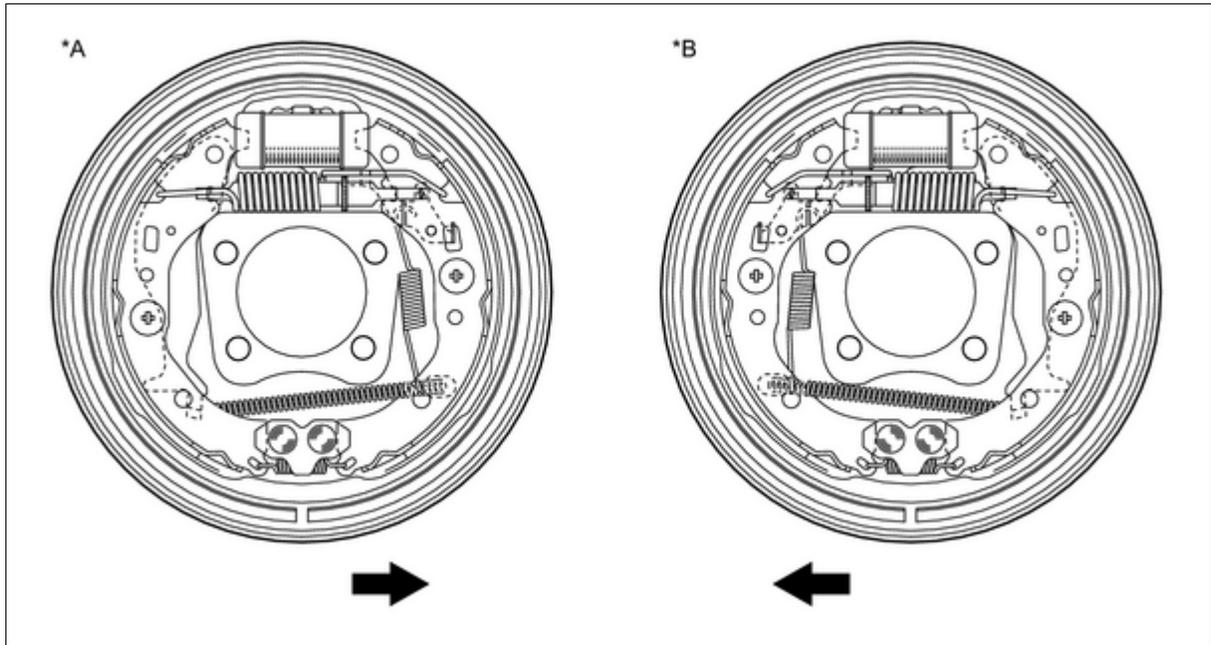
Text in Illustration

*1	Back Plate
*2	Rear Brake Strut Set



7. INSPECT REAR DRUM BRAKE

(a) Inspect that each part is installed properly as shown in the illustration.



Text in Illustration

*A	RH Side	*B	LH Side
➔	Front of the Vehicle	-	-

NOTICE:

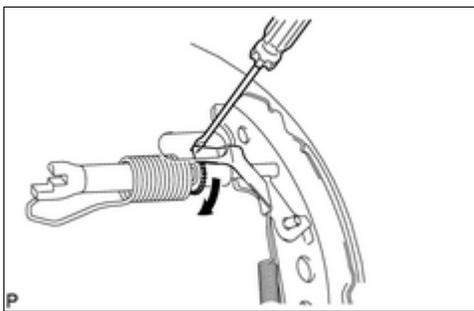
There should be no oil or grease adhering to the friction surfaces of the shoe lining or the drum.

8. INSTALL REAR BRAKE DRUM SUB-ASSEMBLY

(a) Install the rear brake drum sub-assembly.

9. ADJUST REAR DRUM BRAKE SHOE CLEARANCE

(a) Temporarily install the 2 wheel nuts.

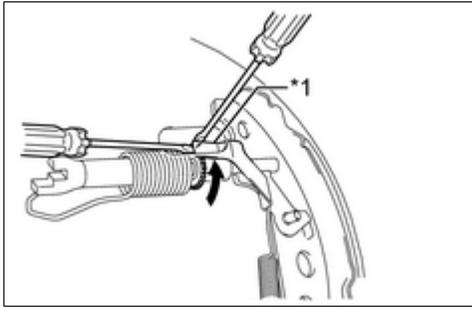


Text in Illustration

➔	Expand
---	--------

(b) Remove the shoe adjusting hole plug, and turn the adjuster to expand the shoe until the drum locks.

(c) Hold the automatic adjust lever away from the adjuster, and contract the brake shoe by turning the adjust bolt using another screwdriver until the drum can rotate smoothly.



Text in Illustration

*1	Automatic Adjust Lever
➔	Contract

(d) Install the hole plug.

10. CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL

(a) Connect the cable to the negative (-) auxiliary battery terminal **INFO** .

(b) Perform the following procedure if air bleeding is not necessary:

- (1) Connect the reservoir level switch connector.
- (2) Clear the DTCs **INFO** .

11. BLEED BRAKE LINE **INFO**

12. ADJUST PARKING BRAKE

INFO

13. INSTALL REAR WHEEL

Torque:

103 N·m {1050 kgf·cm, 76ft·lbf}