

BRAKE SYSTEM

PRECAUTION

NOTICE:

- Care must be taken to replace each part properly as it could affect the performance of the brake system and result in a driving hazard. Replace the parts with parts having the same part number or equivalent.
- It is very important to keep parts and the area clean when repairing the brake system.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the INTRODUCTION section.
- When disconnecting the negative (-) battery terminal, initialize the following systems after the terminal is reconnected.

System Name	See procedure
Lighting System (Adaptive Front-Lighting System)	LI-17
Power Window Control System	WS-12
Power Back Door System	ED-33
Sliding Roof System	RF-4 and RF-22

PROBLEM SYMPTOMS TABLE

HINT:

Refer to the table below to help locate find the cause of the problem. The numbers indicate the priority of the possible cause of problem. Check each part in the order. If necessary, replace these parts.

BRAKE SYSTEM

Symptom	Suspected area	See page
Low pedal or spongy pedal	1. Fluid leaks in brake system	-
	2. Air in brake system	BR-3
	3. Piston seals (Front) (Worn or damaged)	BR-24
	4. Piston seals (Rear) (Worn or damaged)	BR-31
	5. Master cylinder (Faulty)	BR-14
	6. Booster push rod (Out of adjustment)	BR-14
Brake drag	1. Brake pedal free play (Minimal)	BR-9
	2. Parking brake pedal travel (Out of adjustment)	PB-1
	3. Parking brake pedal	PB-5
	4. Parking brake wire (Sticking)	PB-14
	5. Parking brake shoe clearance (Out of adjustment)	PB-23
	6. Pad (Front) (Cracked or distorted)	BR-24
	7. Pad (Rear) (Cracked or distorted)	BR-31
	8. Piston (Front) (Stuck)	BR-24
	9. Piston (Rear) (Stuck)	BR-31
	10. Piston (Front) (Frozen)	BR-24
	11. Piston (Rear) (Frozen)	BR-31
	12. Booster push rod (Out of adjustment)	BR-14
	13. Vacuum leaks in booster system	BR-18
	14. Master cylinder (Faulty)	BR-14
Brake pull	1. Piston (Front) (Stuck)	BR-24
	2. Piston (Rear) (Stuck)	BR-31
	3. Pad (Front) (Oily)	BR-24
	4. Pad (Rear) (Oily)	BR-31
	5. Piston (Front) (Frozen)	BR-24
	6. Piston (Rear) (Frozen)	BR-31
	7. Disc (Front) (Scored)	BR-24
	8. Disc (Rear) (Scored)	BR-31
	9. Pad (Front) (Cracked or distorted)	BR-24
	10. Pad (Rear) (Cracked or distorted)	BR-31

Symptom	Suspected area	See page
Hard pedal but brake inefficient	1. Fluid leaks in brake system	-
	2. Air in brake system	BR-3
	3. Pad (Front) (Worn)	BR-24
	4. Pad (Rear) (Worn)	BR-31
	5. Pad (Front) (Cracked or distorted)	BR-24
	6. Pad (Rear) (Cracked or distorted)	BR-31
	7. Pad (Front) (Oily)	BR-24
	8. Pad (Rear) (Oily)	BR-31
	9. Pad (Front) (Glazed)	BR-24
	10. Pad (Rear) (Glazed)	BR-31
	11. Disc (Front) (Scored)	BR-24
	12. Disc (Rear) (Scored)	BR-31
	13. Booster push rod (Out of adjustment)	BR-14
	14. Vacuum leaks for booster system	BR-18
Brake noise	1. Pad (Front) (Cracked or distorted)	BR-24
	2. Pad (Rear) (Cracked or distorted)	BR-31
	3. Installation bolt (Front) (Loose)	BR-24
	4. Installation bolt (Rear) (Loose)	BR-31
	5. Disc (Front) (Scored)	BR-24
	6. Disc (Rear) (Scored)	BR-31
	7. Pad support plate (Front) (Loose)	BR-24
	8. Pad support plate (Rear) (Loose)	BR-31
	9. Sliding pin (Front) (Worn)	BR-24
	10. Sliding pin (Rear) (Worn)	BR-31
	11. Pad (Front) (Dirty)	BR-24
	12. Pad (Rear) (Dirty)	BR-31
	13. Pad (Front) (Glazed)	BR-24
	14. Pad (Rear) (Glazed)	BR-31
	15. Anti-squeal shim (Front) (Damaged)	BR-24
	16. Anti-squeal shim (Rear) (Damaged)	BR-31

BRAKE FLUID

BLEEDING

HINT:

If any work is performed on the brake system or if air in the brake lines is suspected, bleed the air out of the brake system.

NOTICE:

Wash the brake fluid off immediately if it adheres to any painted surfaces.

1. REMOVE V-BANK COVER SUB-ASSEMBLY (See page [EM-113](#))

2. REMOVE AIR CLEANER ASSEMBLY

3. REMOVE AIR CLEANER HOSE NO.1

4. FILL RESERVOIR WITH BRAKE FLUID

- (a) Fill up the reservoir with brake fluid.

Fluid:

SAE J1703 or FMVSS No. 116 DOT3

NOTICE:

Perform the procedure after confirming the sub-tank at the upper of the master cylinder assembly is filled enough.

5. BLEED MASTER CYLINDER

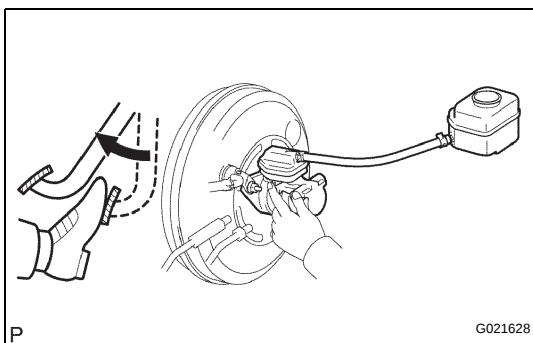
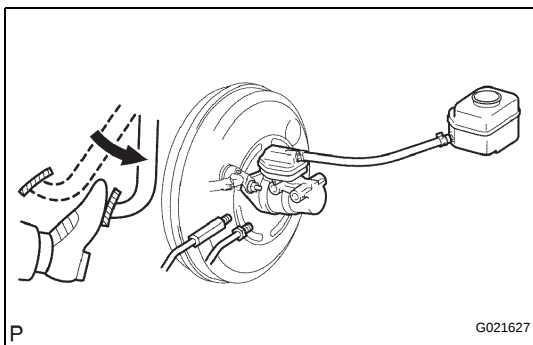
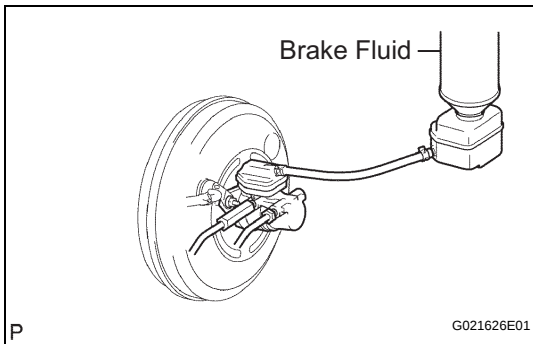
HINT:

If the master cylinder has been disassembled or if the reservoir becomes empty, bleed the air out of the master cylinder.

- (a) Using SST, disconnect the brake lines from the master cylinder.

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- (b) Slowly depress and hold the brake pedal.



- (c) Cover the outer holes with your fingers, and release the brake pedal.

- (d) Repeat the above bleeding operation several times until the air in the master cylinder is bled out.

- (e) Using SST, connect the brake lines from the master cylinder.

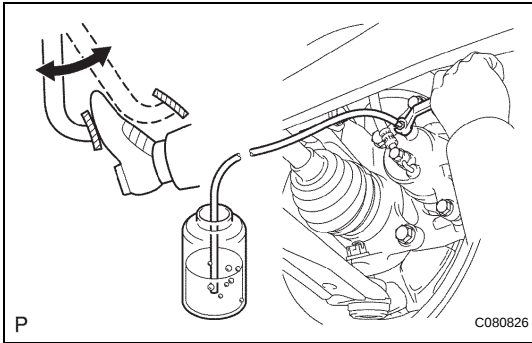
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Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)

6. INSTALL AIR CLEANER HOSE NO.1

7. INSTALL AIR CLEANER ASSEMBLY

8. INSTALL V-BANK COVER SUB-ASSEMBLY



9. BLEED BRAKE LINE

- Connect the vinyl tube to the bleeder plug.
- Depress the brake pedal several times, then loosen the bleeder plug with the pedal depressed.
- At the point when fluid stops coming out, tighten the bleeder plug, then release the brake pedal.
- Repeat the above bleeding operation until all the air in the fluid is completely bled out.
- Tighten the bleeder plug completely.
Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)
- Repeat the above procedure to bleed the air out of the brake line for each wheel.

10. BLEED BRAKE ACTUATOR ASSEMBLY

NOTICE:

After performing the usual air bleeding in the brake system, if the height or feel of the brake pedal cannot be obtained, perform air bleeding in the BRAKE actuator assembly with a intelligent tester by following procedures below.

- Depress the brake pedal more than 20 times with the engine off.
- Connect the intelligent tester to the DLC3, then turn the ignition switch to the ON position.

NOTICE:

Do not start the engine.

- Select "AIR BLEEDING" on the intelligent tester.

HINT:

Refer to the Intelligent Tester Operator's Manual for further details.

- Bleed the air out of the regular brake line in "Step 1: Increase" on the intelligent tester display.

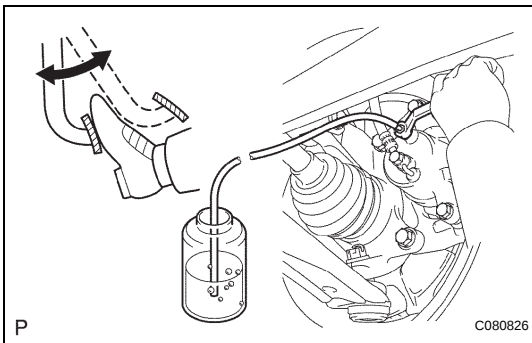
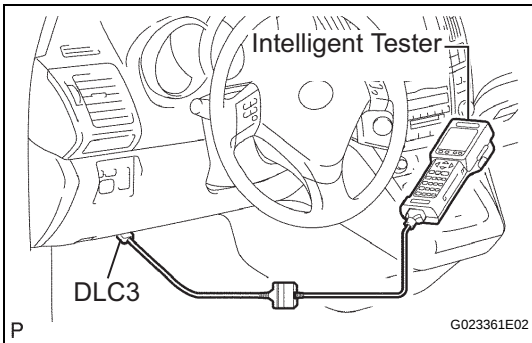
NOTICE:

- Perform the air bleeding by following the steps displayed on the intelligent tester.
- Make sure that the brake fluid in the master cylinder reservoir tank does not become empty.

- Connect the vinyl tube to either one of the bleeder plugs.
- Depress the brake pedal several times, then loosen the bleeder plug of one of the above wheels with the pedal depressed.
- When fluid stops coming out, tighten the bleeder plug, then release the brake pedal.
- Repeat the above bleeding operation until all the air in the fluid is completely bled out.
- Tighten the bleeder plug completely.

Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)

- Repeat the above procedure to bleed the air out of the brake line for each wheel.



- (e) Bleed the air out of the suction line in "Step 2: Inhalation" on the intelligent tester display.

NOTICE:

- **Perform the air bleeding by following the steps displayed on the intelligent tester.**
- **Make sure that the brake fluid in the master cylinder reservoir tank does not become empty.**

- (1) Connect the vinyl tube to the bleeder plug at the right front wheel or the right rear wheel and loosen the bleeder plug.
- (2) Operate the ABS & TRACTION actuator assembly using the intelligent tester to bleed the air.

NOTICE:

- **The operation stops automatically in 4 seconds.**
- **At this time, be sure to release the brake pedal.**

- (3) Check that the operation has stopped, by referring to the intelligent tester display.
- (4) Repeat the above bleeding operation until all the air in the fluid is completely bled out.
- (5) Tighten the bleeder plug completely.

Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)

- (6) For the rest of the wheels, bleed the air in the same way as stated in the above procedure.
- (f) Bleed the air out of the pressure reduction line in "Step 3: Decrease" on the intelligent tester display.

NOTICE:

- **Perform air bleeding by following the steps displayed on the intelligent tester.**
- **Make sure that the brake fluid in the master cylinder reservoir tank does not become empty.**

- (1) Connect a vinyl tube to either one of the bleeder plugs.
- (2) Loosen the bleeder plug.
- (3) Using the intelligent tester, operate the ABS & TRACTION actuator assembly using intelligent tester, completely depress the brake pedal and keep it.

NOTICE:

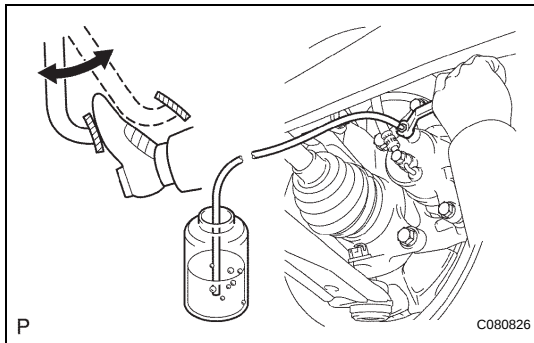
- **The operation stops automatically in 4 seconds. When performing this procedure continuously, an interval of at least 20 seconds is required.**
- **When the operation is completed, the brake pedal slightly goes down. This a normal phenomenon caused when the solenoid opens.**

- During this procedure, the pedal seems heavy, but completely depress it so that the brake fluid comes out from the bleeder plug.
 - Be sure to keep depressing the brake pedal. Never depress and release the pedal repeatedly.
- (4) Tighten the bleeder plug, then release the brake pedal.
 - (5) Repeat the above bleeding operation until all the air in the fluid is completely bled out.
 - (6) Tighten the bleeder plug completely.
Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)
 - (7) Repeat the above procedure to bleed the air out of the brake line for each wheel.
- (g) Bleed the air out of the regular brake line again in "Step 4: Increase" on the intelligent tester display.

NOTICE:

- Perform air bleeding by following the steps displayed on the intelligent tester.
- Make sure that the brake fluid in the master cylinder reservoir tank does not become empty.

- (1) Connect the vinyl tube to either one of the bleeder plug.
- (2) Depress the brake pedal several times, then loosen the bleeder plug of the above wheels with the pedal depressed.
- (3) When fluid stops coming out, tighten the bleeder plug, then release the brake pedal.
- (4) Repeat the above bleeding operation until all the air in the fluid is completely bled out.
- (5) Tighten the bleeder plug completely.
Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)
- (6) Repeat the above procedure to bleed the air out of the brake line for each wheel.

**11. REMOVE FLUID LEVEL IN RESERVOIR**

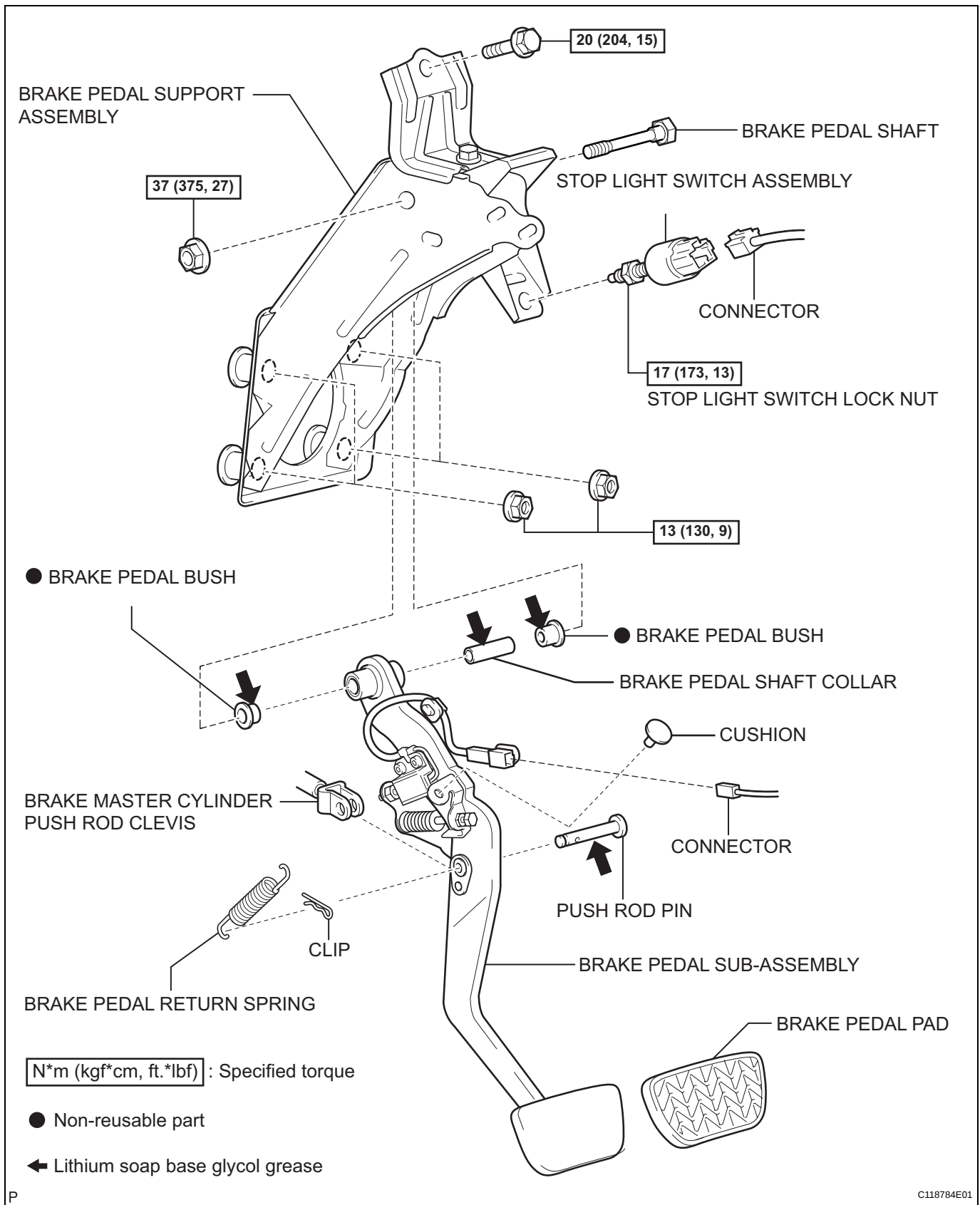
- (a) Check the fluid level and add fluid, if necessary.

Fluid:

SAE J1703 or FMVSS No. 116 DOT3

BRAKE PEDAL

COMPONENTS



REMOVAL

1. REMOVE FRONT DOOR SCUFF PLATE LH
2. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY LOWER

HINT:

See page [IP-10](#).

3. REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY

HINT:

See page [RS-403](#).

4. REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY

HINT:

See page [IP-10](#).

5. REMOVE COMBINATION METER ASSEMBLY

HINT:

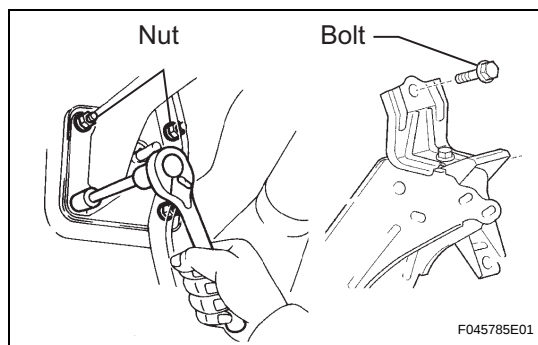
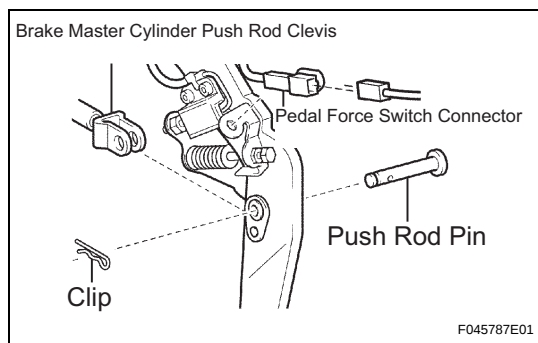
See page [ME-40](#).

6. REMOVE BRAKE PEDAL RETURN SPRING

(a) Remove the brake pedal return spring.

7. REMOVE PUSH ROD PIN

- (a) Remove the clip and the push rod pin.
- (b) Disconnect the stop light switch connector.
- (c) Disconnect the pedal force switch connector and release the clip of the pedal force switch.



8. REMOVE BRAKE PEDAL SUPPORT ASSEMBLY

(a) Remove the bolt, the 4 nuts and the brake pedal support assembly.

9. REMOVE BRAKE PEDAL SUB-ASSEMBLY

(a) Remove the nut, the brake pedal shaft and the brake pedal sub-assembly from the brake pedal support sub-assembly.

DISASSEMBLY

1. REMOVE BRAKE PEDAL PAD

- (a) Remove the brake pedal pad from the brake pedal sub-assembly.

2. REMOVE STOP LIGHT SWITCH ASSEMBLY

- (a) Loosen the stop light switch lock nut and remove the stop light switch assembly.

3. REMOVE BRAKE PEDAL BUSH

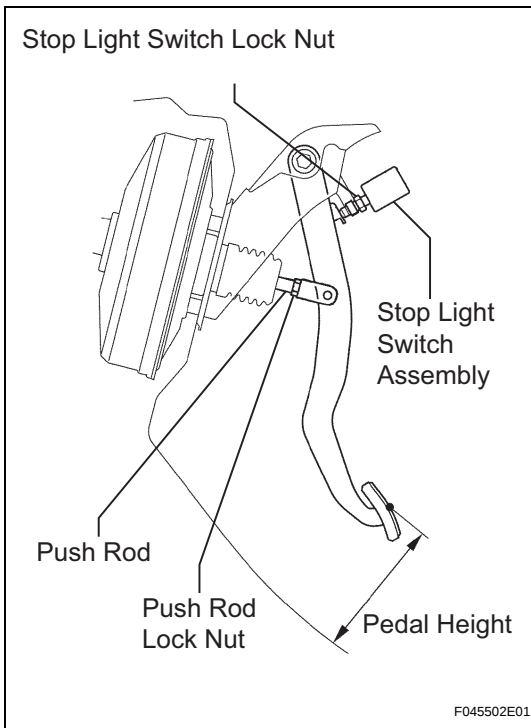
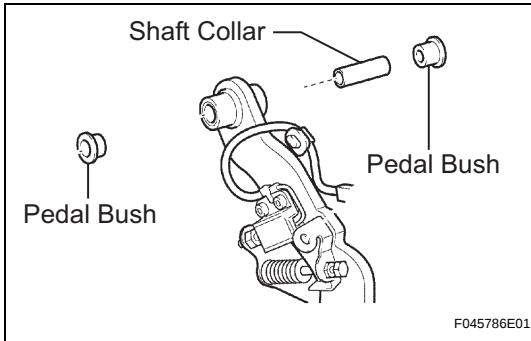
- (a) Remove the 2 brake pedal bushes from the brake pedal sub-assembly.

4. REMOVE BRAKE PEDAL SHAFT COLLAR

- (a) Remove the brake pedal shaft from the brake pedal sub-assembly.

5. REMOVE STOP LIGHT SWITCH CUSHION

- (a) Remove the stop light switch cushion from the brake pedal sub-assembly.



ADJUSTMENT

1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Check brake pedal height.

Pedal height from asphalt sheet:

150.0 to 160.0 mm (5.906 to 6.299 in.)

- (b) Adjust brake pedal height.

- (1) Disconnect the connector from the stop light switch assembly.

- (2) Loosen the stop light switch lock nut and remove the stop light switch assembly.

- (3) Loosen the push rod lock nut.

- (4) Adjust the pedal height by turning the pedal push rod.

- (5) Tighten the push rod lock nut.

Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)

- (6) Install the stop light switch assembly.

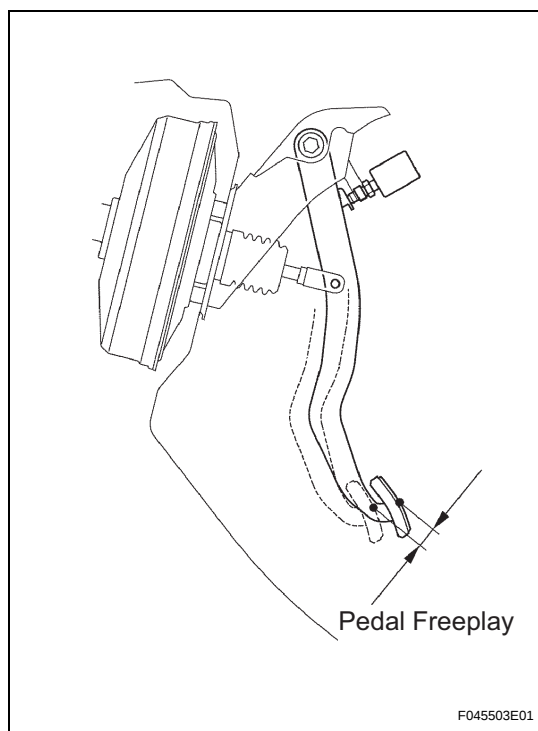
- (7) Connect the connector to the stop light switch assembly.

- (8) Push the brake pedal in 5 to 10 mm (0.20 to 0.39 in.), turn the stop light switch assembly to lock the nut in the position where the stop light goes off.

- (9) After installation, push the brake pedal in 5 to 10 mm (0.20 to 0.39 in.), and check that the stop light comes on.

- (10) Tighten the stop light switch lock nut.

Torque: 17 N*m (173 kgf*cm, 13 ft.*lbf)



2. CHECK PEDAL FREE PLAY

- (a) Stop the engine and depress the brake pedal several times until there is no more vacuum left in the booster.
- (b) Press the pedal until the beginning of the resistance is felt. Measure the distance as shown in the illustration.

Pedal freeplay:

2.0 to 3.0 mm (0.079 to 0.118 in.)

If incorrect, proceed to the following step.

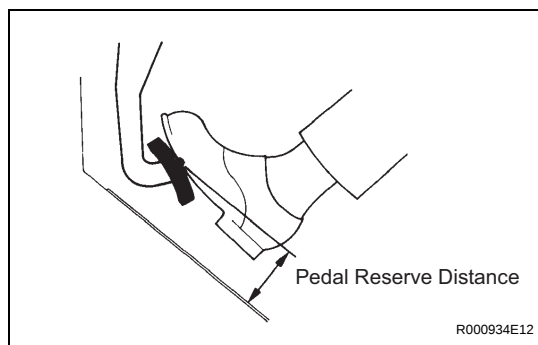
- (1) Check the stop light switch clearance.

Stop light switch clearance:

0.5 to 2.6 mm (0.020 to 0.102 in.)

If correct, the pedal free play is OK.

If incorrect, adjust the stop light switch clearance.



3. CHECK PEDAL RESERVE DISTANCE

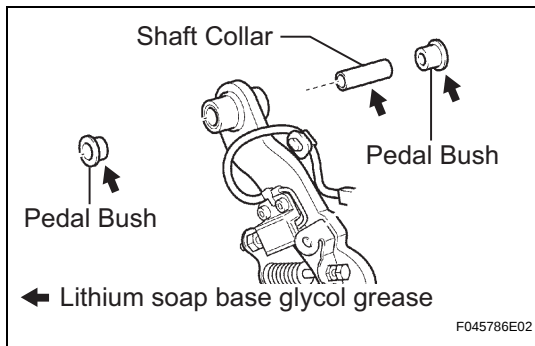
- (a) Release the parking brake pedal.
- (b) With engine running, depress the pedal and measure the pedal reserve distance, as shown.

Pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf):

More than 80 mm (3.1 in.)

If incorrect, troubleshoot the brake system.

REASSEMBLY



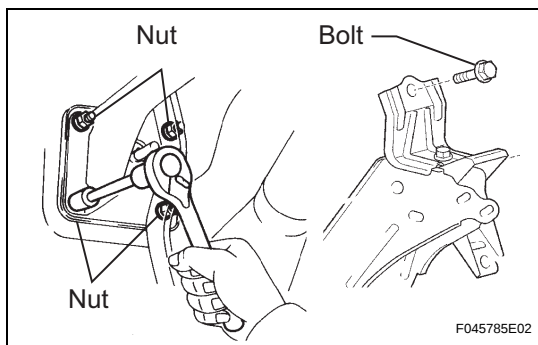
1. **INSTALL STOP LIGHT SWITCH CUSHION**
 - (a) Install the stop light switch cushion to the brake pedal sub-assembly.
2. **INSTALL BRAKE PEDAL SHAFT COLLAR**
 - (a) Apply lithium soap base glycol grease to the ends and sides of brake pedal shaft collar.
 - (b) Install the new brake pedal shaft collar to the brake pedal sub-assembly.
3. **INSTALL BRAKE PEDAL BUSH**
 - (a) Apply lithium soap base glycol grease to the ends and sides of 2 new brake pedal bushes.
 - (b) Install the new brake pedal bushes to the brake pedal sub-assembly.
4. **INSTALL STOP LIGHT SWITCH ASSEMBLY**
 - (a) Install the stop light switch assembly with the stop light switch lock nut.
Torque: 17 N*m (173 kgf*cm, 13 ft.*lbf)
HINT:
After adjusting the brake pedal height, torque the lock nut.
5. **INSTALL BRAKE PEDAL PAD**
 - (a) Install the brake pedal pad to the brake pedal sub-assembly.

INSTALLATION

1. INSTALL BRAKE PEDAL SUB-ASSEMBLY

- (a) Install the brake pedal sub-assembly with the brake pedal shaft and the nut.

Torque: 37 N*m (375 kgf*cm, 27 ft.*lbf)



2. INSTALL BRAKE PEDAL SUPPORT ASSEMBLY

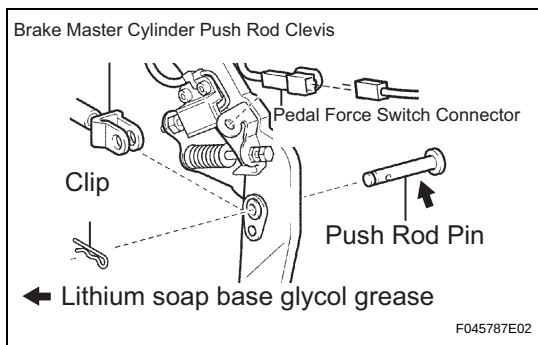
- (a) Install the brake pedal support assembly with the bolt and the 4 nuts.

Torque: Bolt

20 N*m (204 kgf*cm, 15 ft.*lbf)

Nut

13 N*m (130 kgf*cm, 9 ft.*lbf)



3. INSTALL PUSH ROD PIN

- (a) Apply lithium soap base glycol grease to the clevis pin.
- (b) Install the clevis pin and the clip.
- (c) Connect the pedal force switch connector and install the clip of the pedal force switch to the brake pedal support sub-assembly.
- (d) Connect the stop light switch connector.

4. INSTALL BRAKE PEDAL RETURN SPRING

- (a) Install the brake pedal return spring.

5. CHECK AND ADJUST BRAKE PEDAL HEIGHT

HINT:

See page [BR-9](#).

6. CHECK PEDAL FREE PLAY

7. CHECK PEDAL RESERVE DISTANCE

8. INSTALL COMBINATION METER ASSEMBLY

HINT:

See page [ME-41](#).

9. INSTALL INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY

HINT:

See page [IP-24](#).

10. INSTALL DRIVER SIDE KNEE AIRBAG ASSEMBLY

HINT:

See page [RS-403](#).

11. INSTALL INSTRUMENT PANEL FINISH PANEL SUB-ASSEMBLY LOWER

12. INSTALL FRONT DOOR SCUFF PLATE LH

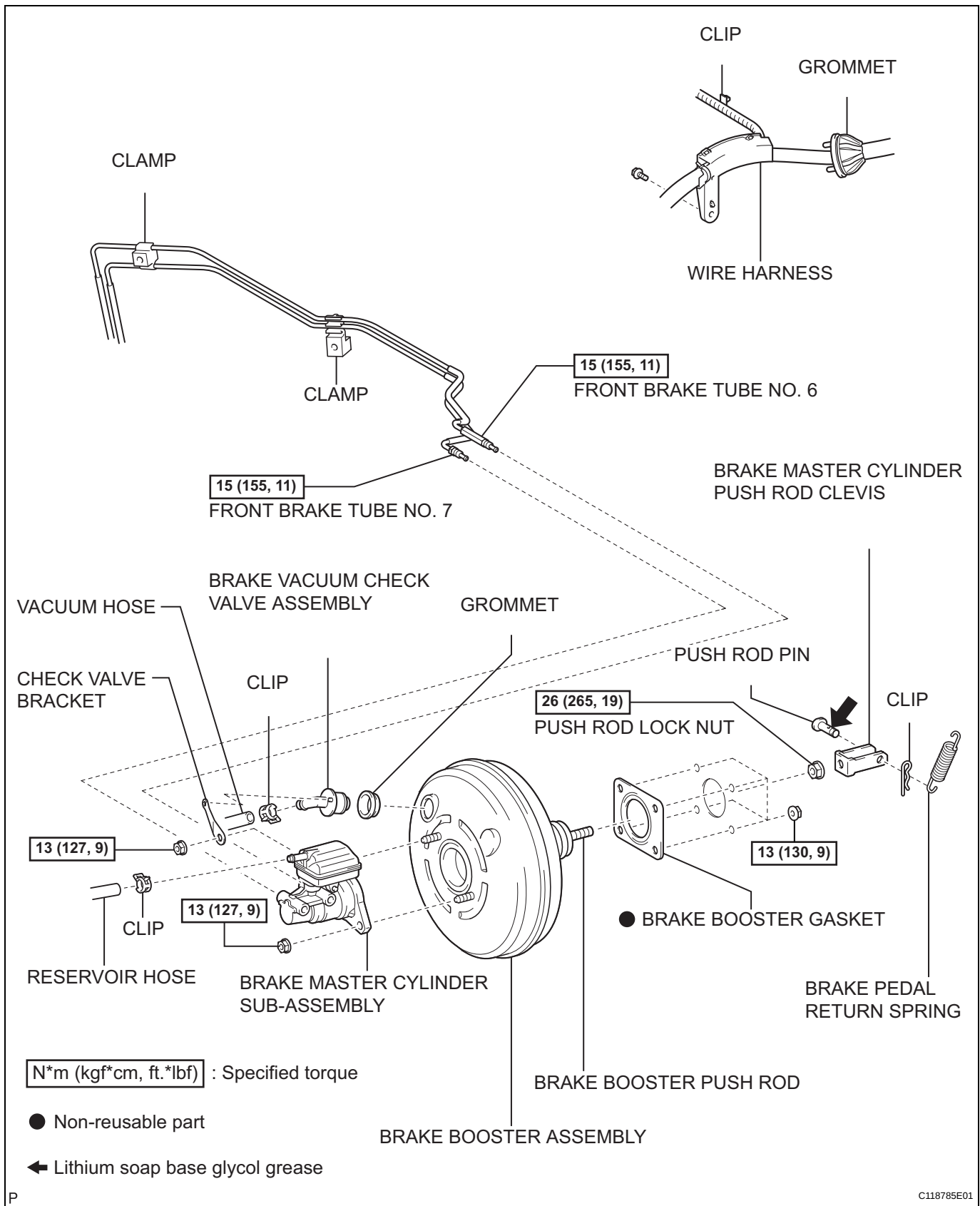
13. INSPECT SRS WARNING LIGHT

HINT:

See page [RS-25](#).

BRAKE MASTER CYLINDER

COMPONENTS



REMOVAL

1. DRAIN BRAKE FLUID

NOTICE:

Wash the brake fluid off immediately if it adheres to any painted surfaces.

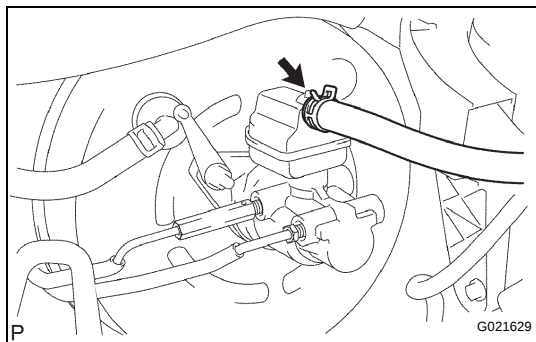
2. REMOVE V-BANK COVER SUB-ASSEMBLY (See page [EM-113](#))

3. REMOVE AIR CLEANER ASSEMBLY

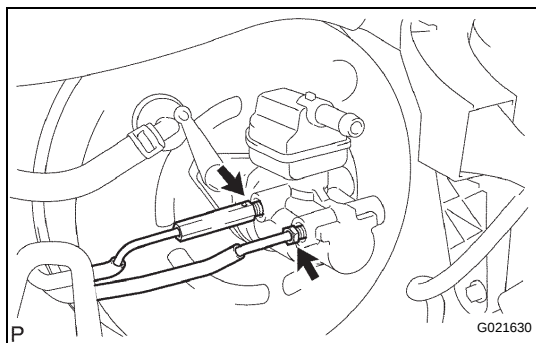
4. REMOVE AIR CLEANER HOSE NO.1

5. REMOVE BRAKE MASTER CYLINDER SUB-ASSEMBLY

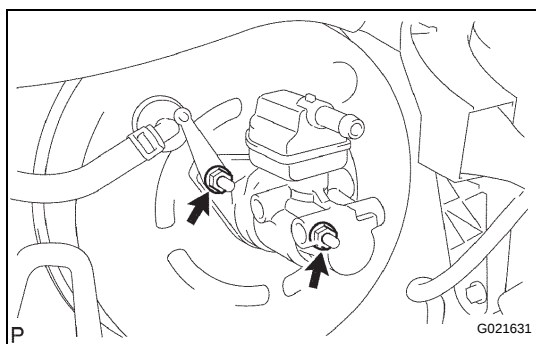
(a) Slide the clip and disconnect the reservoir tube.



(b) Using SST(s), disconnect the 2 brake tubes from the brake master w/ plate cylinder sub-assembly.
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(c) Remove the 2 nuts, then check valve bracket and the brake master w/ plate cylinder assembly.



INSPECTION

1. INSPECT AND ADJUST BRAKE BOOSTER PUSH ROD

NOTICE:

Make an adjustment with the brake booster assembly having no vacuum. (Depress the brake pedal several times with the engine stopped.)

HINT:

Adjustment of the brake booster push rod is performed when the brake master cylinder sub-assembly is replaced with a new one. The adjustment is not necessary when the brake master cylinder sub-assembly is reinstalled and the brake booster assembly is replaced with a new one.

- (a) Apply the chalk to the tip of an accessory tool.

HINT:

An accessory tool is enclosed with new brake master cylinder sub-assembly.

- (b) Place the accessory tool to the brake booster assembly.

- (c) Measure the clearance between the brake booster push rod and accessory tool.

Clearance:

0 mm (0 in.)

HINT:

Adjust the clearance in following cases:

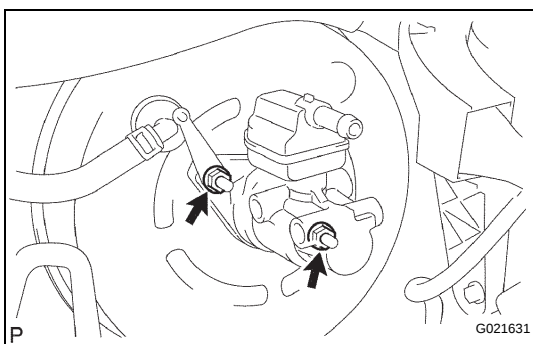
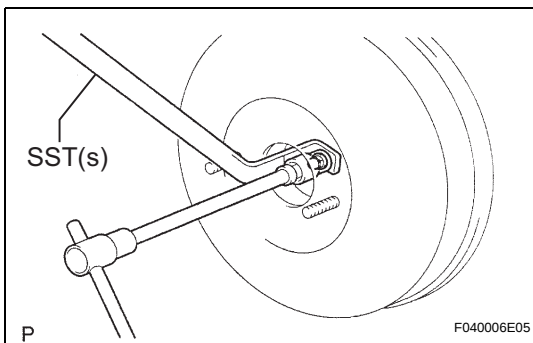
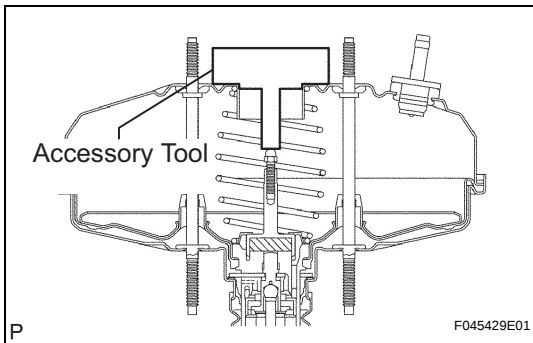
- If there is a clearance between the accessory tool and the shell of the brake booster (floating accessory tool), the clearance is too small.
- If the chalk does not stick on the tip of the brake booster push rod, the clearance is large.

- (d) If clearance is outside of the specified range, fix the push rod using SST(s) and adjust the length of the protruding adjusting bolt.

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HINT:

When adjusting the push rod, depress the brake pedal sufficiently so that the push rod sticks out.

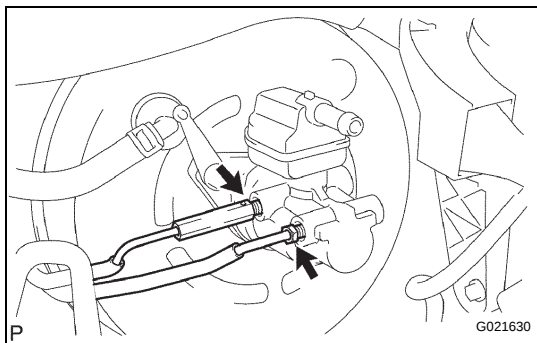


INSTALLATION

1. INSTALL BRAKE MASTER CYLINDER SUB-ASSEMBLY

- (a) Install the brake master w/ plate cylinder sub-assembly and the check valve bracket with the 2 nuts.

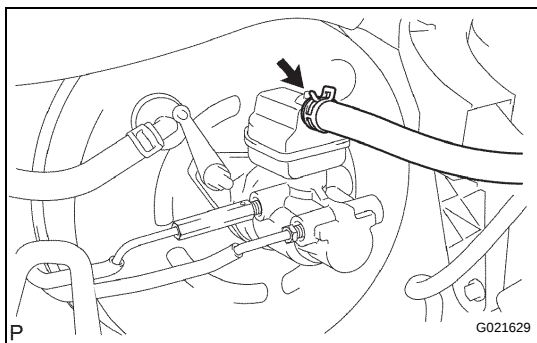
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)



- (b) Using SST(s), connect the 2 brake tubes to the brake master w/ plate cylinder assembly.

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Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)

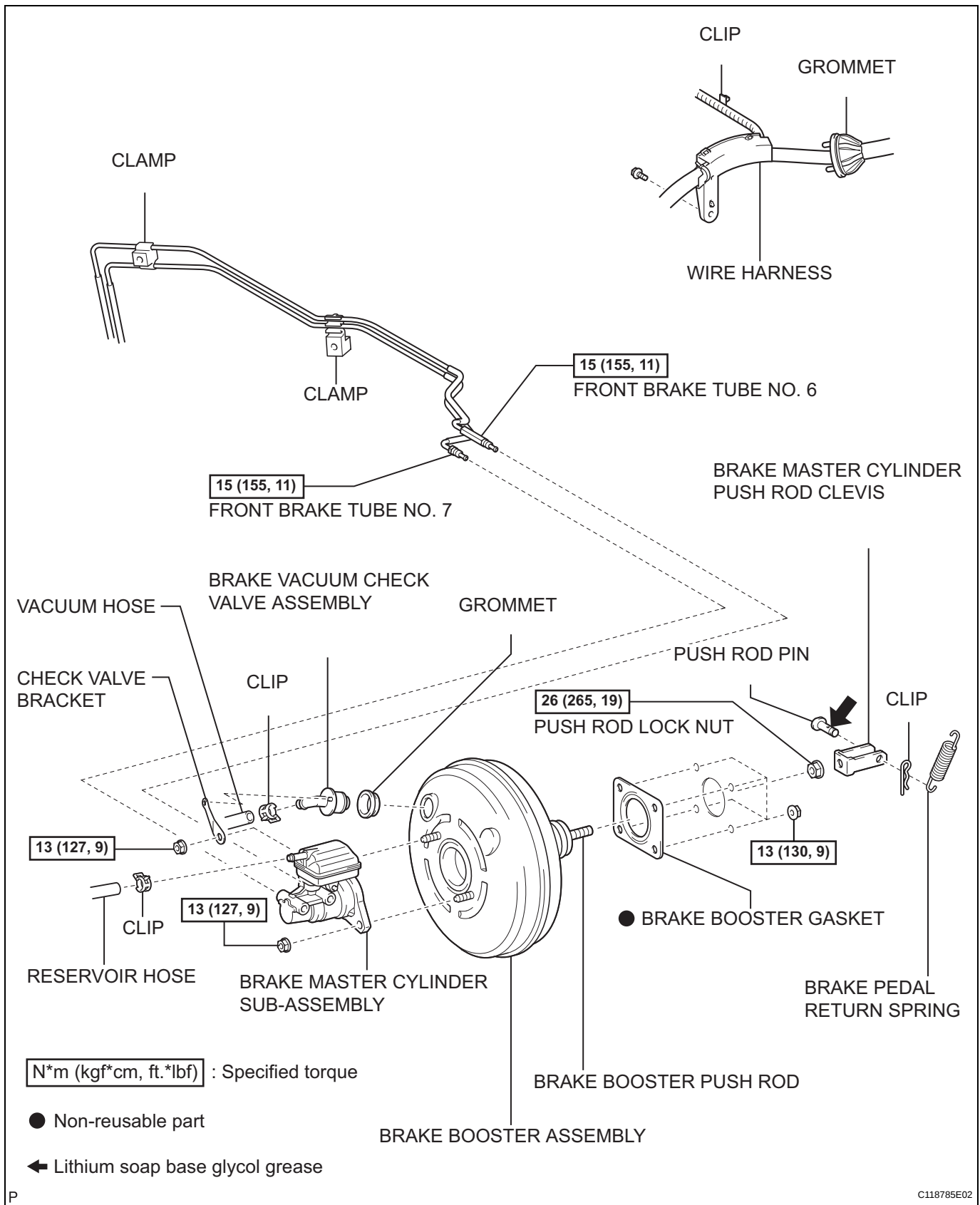


- (c) Slide the clip and connect the reservoir tube.

2. **INSTALL AIR CLEANER HOSE NO.1**
3. **INSTALL AIR CLEANER ASSEMBLY**
4. **INSTALL V-BANK COVER SUB-ASSEMBLY (See page [EM-127](#))**
5. **FILL RESERVOIR WITH BRAKE FLUID**
6. **BLEED MASTER CYLINDER**
HINT:
See page [BR-3](#).
SST 09023-00101
7. **BLEED BRAKE LINE**
HINT:
See page [BR-3](#).
8. **CHECK FLUID LEVEL IN RESERVOIR**
HINT:
See page [BR-3](#).
9. **CHECK BRAKE FLUID LEAKAGE**

BRAKE BOOSTER

COMPONENTS



ON-VEHICLE INSPECTION

1. INSPECT BRAKE BOOSTER

(a) Airtightness check.

- (1) Start the engine and stop it after 1 or 2 minutes. Depress the brake pedal several times slowly.

HINT:

If the pedal can be depressed to the floor the first time, but on the 2nd or 3rd time cannot be depressed as far, the booster is airtight.

- (2) Depress the brake pedal while the engine is running, and stop the engine with the pedal depressed.

HINT:

If there is no change in the pedal reserve distance after holding the pedal for 30 seconds, the booster is airtight.

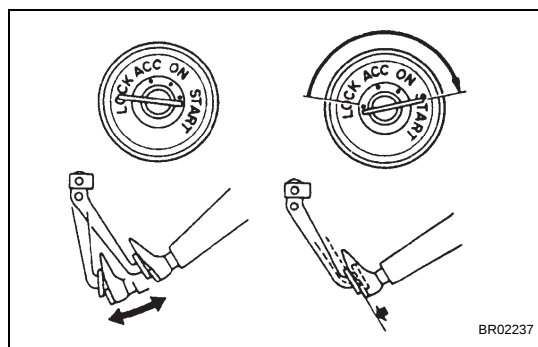
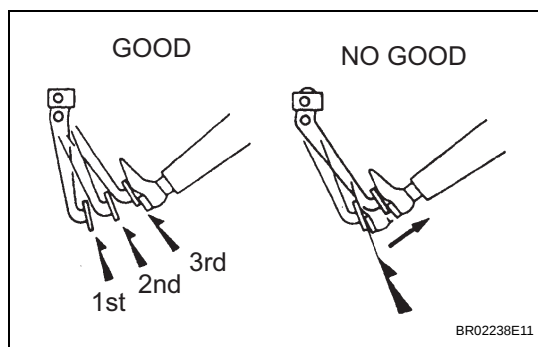
(b) Operating check.

- (1) Depress the brake pedal several times with the ignition switch off and check that there is no change in the pedal reserve distance.

- (2) Depress the brake pedal and start the engine.

HINT:

If the pedal goes down slightly, operation is normal.



REMOVAL

1. DRAIN BRAKE FLUID

NOTICE:

Wash the brake fluid off immediately if it adheres to any painted surfaces.

2. REMOVE V-BANK COVER SUB-ASSEMBLY (See page [EM-113](#))

3. REMOVE AIR CLEANER ASSEMBLY

4. REMOVE AIR CLEANER HOSE NO.1

5. REMOVE BRAKE MASTER CYLINDER SUB-ASSEMBLY

HINT:

See page [BR-14](#).

SST 09023-00101

6. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY RH (See page [WW-37](#))

7. REMOVE FRONT WIPER ARM AND BLADE ASSEMBLY LH (See page [WW-37](#))

8. REMOVE FRONT FENDER TO COWL SIDE SEAL RH

9. REMOVE FRONT FENDER TO COWL SIDE SEAL LH

10. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY

11. REMOVE WINDSHIELD WIPER MOTOR & LINK ASSEMBLY

12. REMOVE FRONT SHOCK ABSORBER CAP RH

13. REMOVE FRONT SHOCK ABSORBER CAP LH (See page [SP-16](#))

14. REMOVE COWL TOP PANEL SUB-ASSEMBLY OUTER

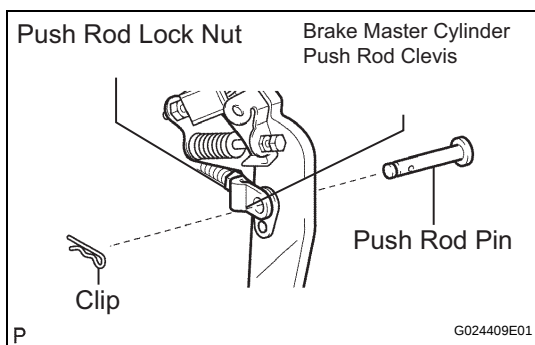
15. REMOVE BRAKE PEDAL RETURN SPRING

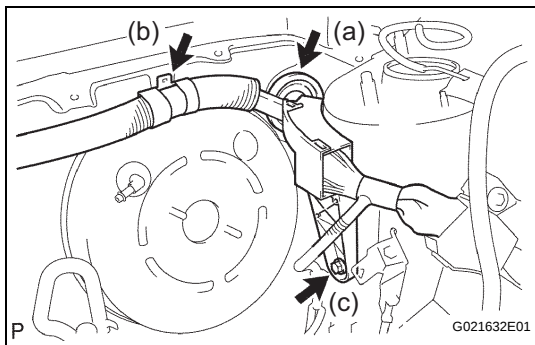
(a) Remove the brake pedal return spring.

16. REMOVE BRAKE MASTER CYLINDER PUSH ROD CLEVIS

(a) Remove the clip and the push rod pin.

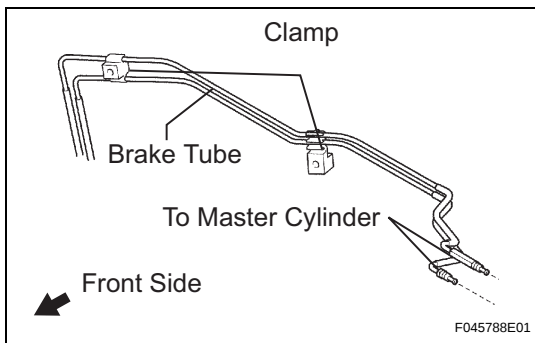
(b) Loosen the push rod lock nut and remove the push rod clevis.





17. SEPARATE WIRE HARNESS

- (a) Pull out the grommet of the wire harness from the body.
- (b) Release the clip fitting of the wire harness.
- (c) Remove the bolt and separate the wire harness from the body.

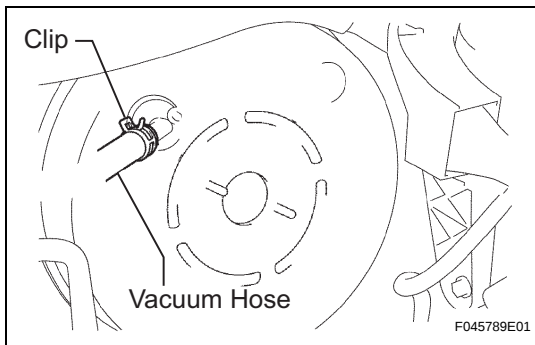


18. SEPARATE BRAKE TUBE

- (a) Release the 2 claw fittings of the clamp and separate the 2 brake tubes from the body.

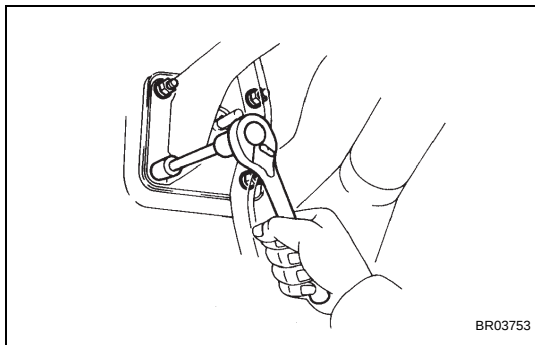
NOTICE:

Be careful not to damage the brake tubes.



19. REMOVE BRAKE BOOSTER ASSEMBLY

- (a) Slide the clip and disconnect the vacuum hose from the check valve assembly.



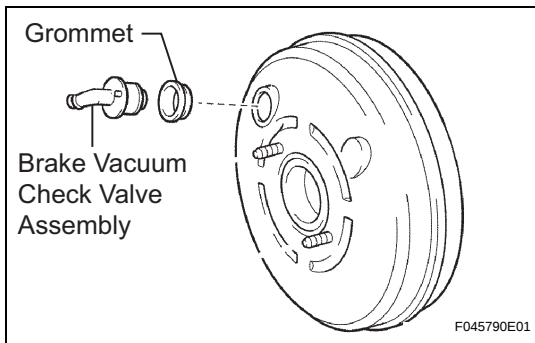
- (b) Remove the 4 nuts and pull out the brake booster assembly.

NOTICE:

Be careful not to damage the brake tubes and the wire harness.

20. REMOVE BRAKE BOOSTER GASKET

- (a) Remove the brake booster gasket from the brake booster assembly.



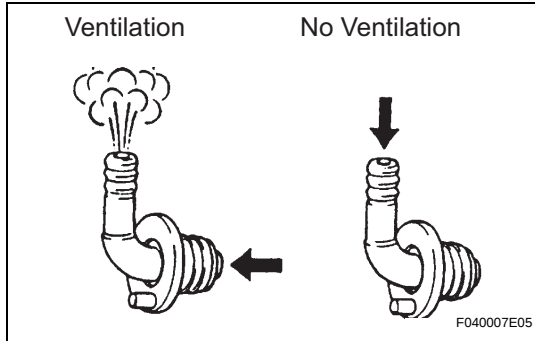
21. REMOVE BRAKE VACUUM CHECK VALVE ASSEMBLY

- (a) Remove the check valve assembly and the grommet from the brake booster assembly.

INSPECTION

1. INSPECT BRAKE VACUUM CHECK VALVE ASSEMBLY

- (a) Inspect vacuum check valve.
 - (1) Slide the clip and disconnect the vacuum hose.
 - (2) Remove the vacuum check valve.
 - (3) Check that there is ventilation from the booster to engine, and no ventilation from the engine to the booster.
 - (4) If any fault is found, replace the vacuum check valve.



INSTALLATION

1. INSTALL BRAKE VACUUM CHECK VALVE ASSEMBLY

- Install the grommet and the check valve assembly to the brake booster assembly.

2. INSTALL BRAKE BOOSTER GASKET

- Install a new brake booster gasket to the brake booster assembly.

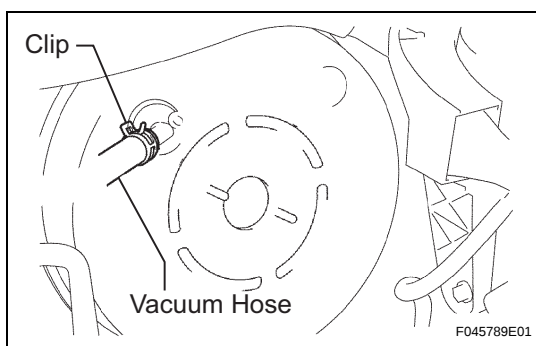
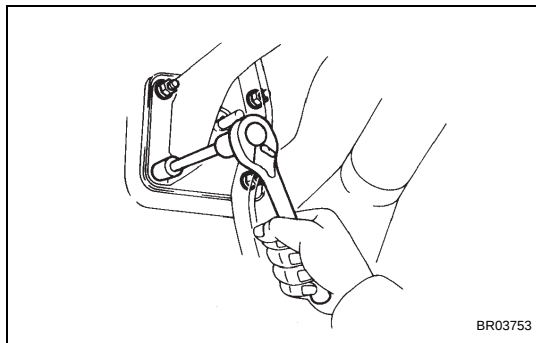
3. INSTALL BRAKE BOOSTER ASSEMBLY

- Install the brake booster assembly with the 4 nuts.

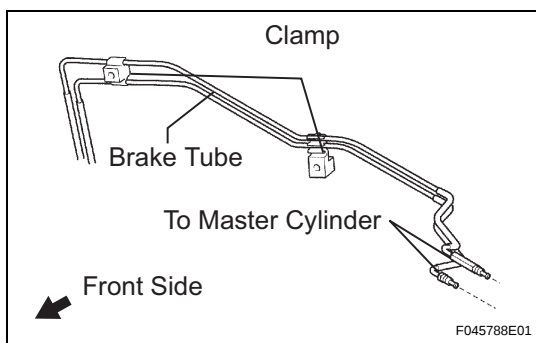
Torque: 13 N*m (130 kgf*cm, 9 ft.*lbf)

NOTICE:

Be careful not to damage the brake tubes and the wire harness.



- Connect the vacuum hose to the brake booster assembly and slide the clip.

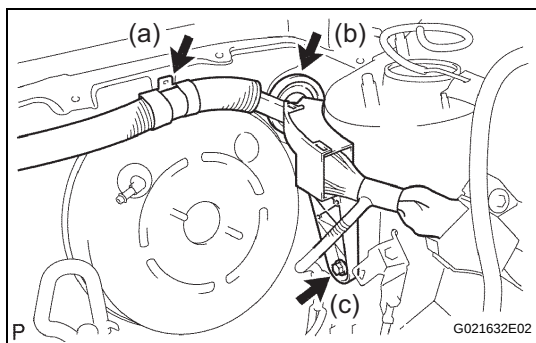


4. INSTALL BRAKE TUBE

- Install the 2 clamps of the brake tube to the body.

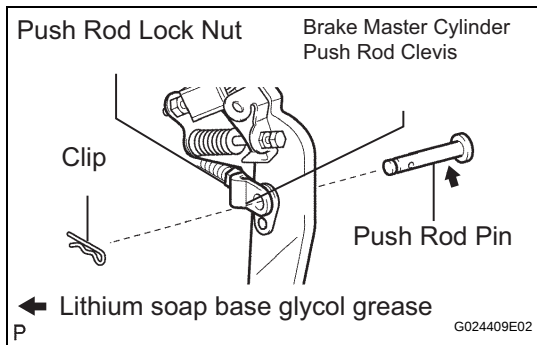
NOTICE:

Be careful not to damage the brake tubes.



5. INSTALL WIRE HARNESS

- Install the clip of the wire harness to the body.
- Install the grommet of the wire harness to the body.
- Install the bolt.



6. **INSTALL BRAKE MASTER CYLINDER PUSH ROD CLEVIS**
 - (a) Install the push rod clevis and the push rod lock nut.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)
HINT:
 After adjusting the brake pedal height, torque the lock nut.
 - (b) Apply lithium soap base glycol grease to the clevis pin.
 - (c) Install the push rod pin and the clip.
7. **INSTALL BRAKE PEDAL RETURN SPRING**
 - (a) Install the brake pedal return spring.
8. **INSTALL COWL TOP PANEL SUB-ASSEMBLY OUTER**
9. **INSTALL FRONT SHOCK ABSORBER CAP RH**
10. **INSTALL FRONT SHOCK ABSORBER CAP LH (See page [SP-19](#))**
11. **INSTALL WINDSHIELD WIPER MOTOR & LINK ASSEMBLY**
12. **INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY**
13. **INSTALL FRONT FENDER TO COWL SIDE SEAL LH**
14. **INSTALL FRONT FENDER TO COWL SIDE SEAL RH**
15. **INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY LH**
16. **INSTALL FRONT WIPER ARM AND BLADE ASSEMBLY RH**
17. **INSPECT AND ADJUST BRAKE BOOSTER PUSH ROD**
SST 09737-00020
18. **INSTALL BRAKE MASTER CYLINDER SUB-ASSEMBLY**
SST 09023-00101
19. **INSTALL AIR CLEANER HOSE NO.1**
20. **INSTALL AIR CLEANER ASSEMBLY**
21. **INSTALL V-BANK COVER SUB-ASSEMBLY (See page [EM-127](#))**
22. **FILL RESERVOIR WITH BRAKE FLUID**
23. **BLEED MASTER CYLINDER**
HINT:
 See page [BR-14](#).
SST 09023-00101
24. **BLEED BRAKE LINE**
HINT:
 See page [BR-14](#).

25. CHECK FLUID LEVEL IN RESERVOIR

HINT:

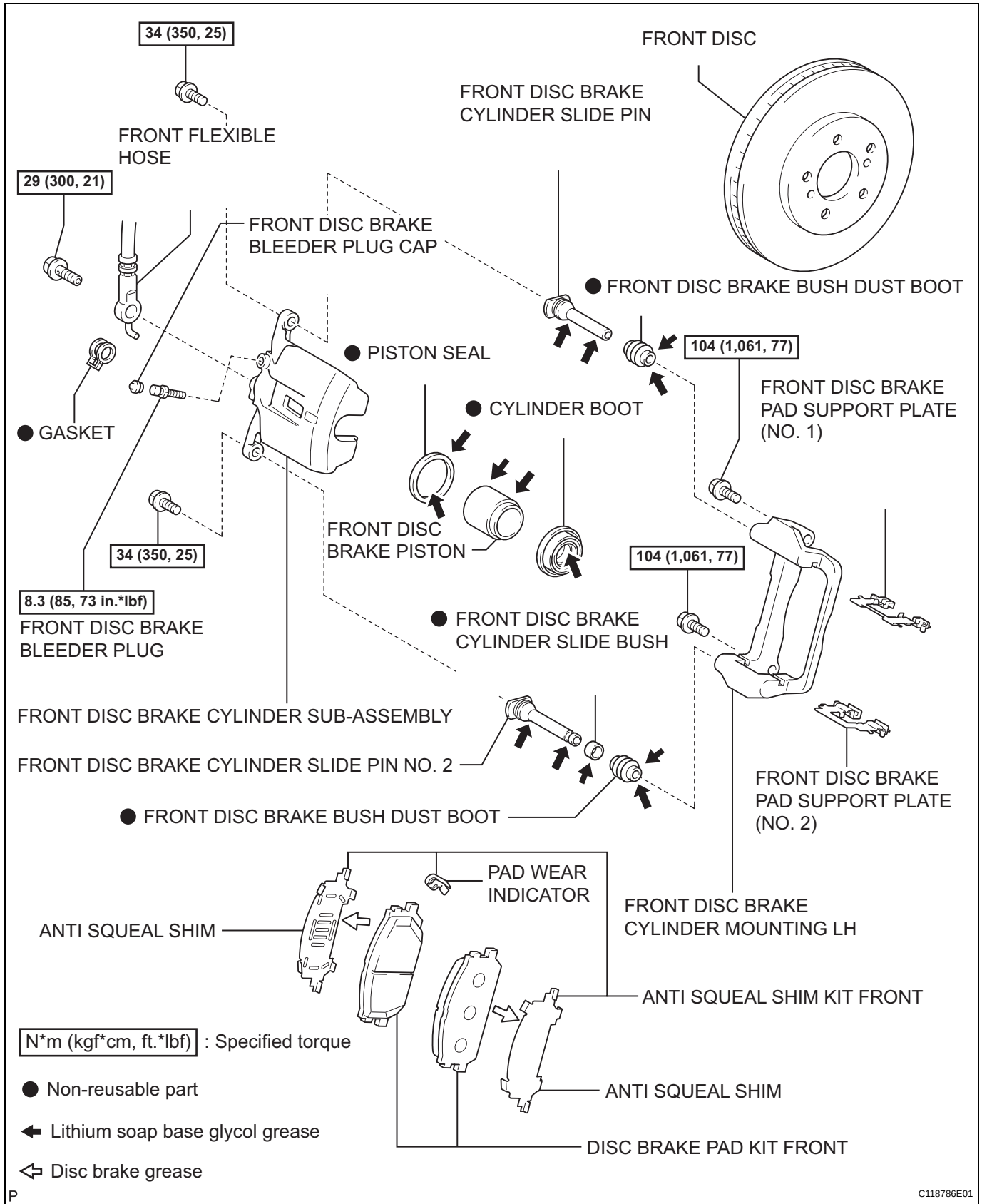
See page [BR-14](#).**26. CHECK BRAKE FLUID LEAKAGE****27. CHECK AND ADJUST BRAKE PEDAL HEIGHT**

HINT:

See page [BR-14](#).

FRONT BRAKE

COMPONENTS



REMOVAL

1. REMOVE FRONT WHEEL

2. DRAIN BRAKE FLUID

NOTICE:

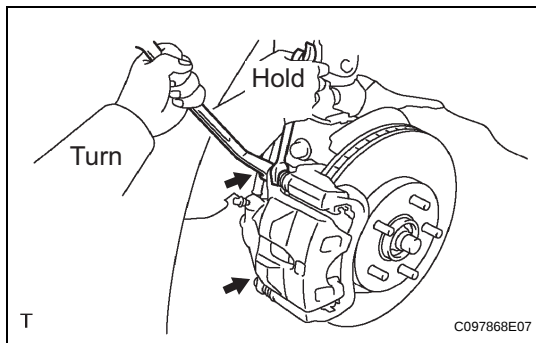
Wash the brake fluid off immediately if it adheres to any painted surfaces.

3. DISCONNECT FRONT FLEXIBLE HOSE

- (a) Remove the union bolt and the gasket from the disc brake cylinder sub-assembly, then disconnect the flexible hose.

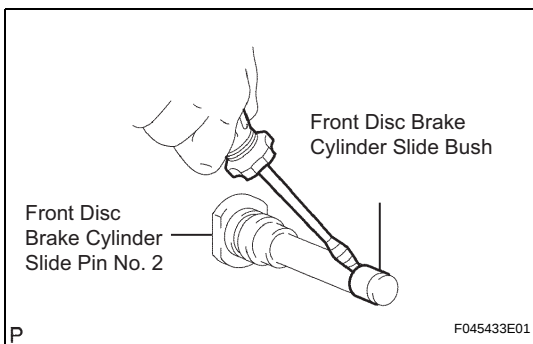
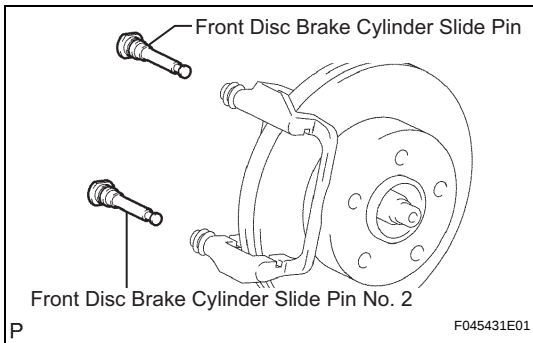
4. REMOVE DISC BRAKE CYLINDER ASSEMBLY LH

- (a) Hold the front disc brake cylinder slide pin, slide pin (No. 2) and remove the 2 bolts.



DISASSEMBLY

1. **REMOVE DISC BRAKE PAD KIT FRONT (PAD ONLY)**
 - (a) Remove the 2 brake pads w/ anti squeal shim from the cylinder mounting LH.
2. **REMOVE ANTI SQUEAL SHIM KIT FRONT**
 - (a) Remove the 2 anti squeal shims from each pads.
 - (b) Using a screwdriver, remove the pad wear indicator from the inner pad.
3. **REMOVE FRONT DISC BRAKE PAD SUPPORT PLATE**
 - (a) Remove the front disc brake pad support plate (No. 1) and the front disc brake pad support plate (No. 2) from the front disc brake cylinder mounting LH.
4. **REMOVE FRONT DISC BRAKE CYLINDER SLIDE PIN**
 - (a) Remove the front disc brake cylinder slide pin from the front disc brake cylinder mounting LH.
 - (b) Remove the front disc brake cylinder slide pin (No. 2) from the front disc brake cylinder mounting LH.

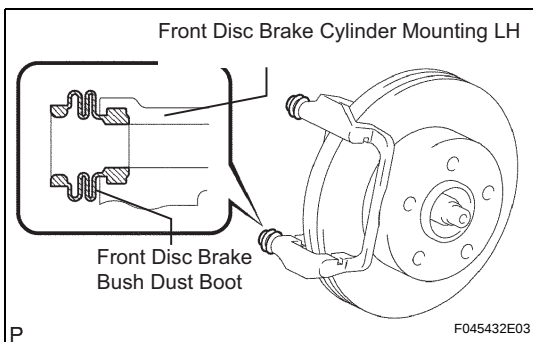


5. **REMOVE FRONT DISC BRAKE CYLINDER SLIDE BUSH**

- (a) Remove the front disc brake cylinder slide bush from the front disc brake cylinder slide pin No. 2.

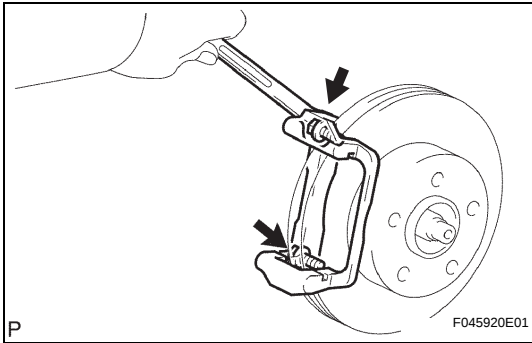
NOTICE:

Do not damage the front disc brake cylinder slide pin No. 2.



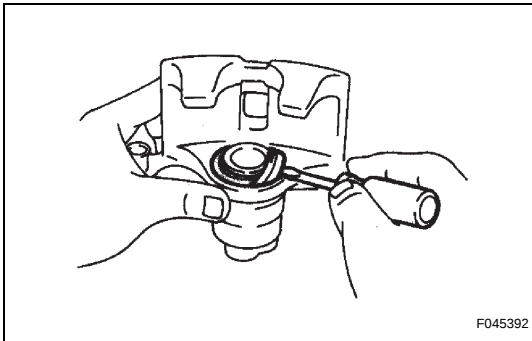
6. **REMOVE FRONT DISC BRAKE BUSH DUST BOOT**

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



7. REMOVE FRONT DISC BRAKE CYLINDER MOUNTING LH

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

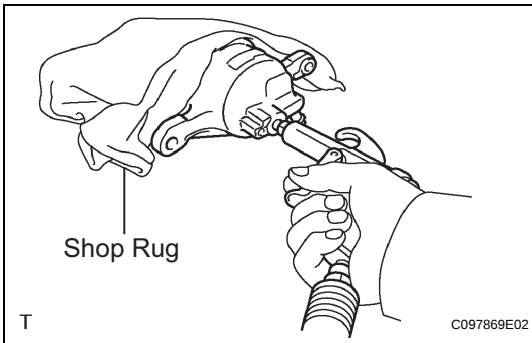


8. REMOVE CYLINDER BOOT

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

NOTICE:

Do not damage the inner cylinder and cylinder groove.



9. REMOVE FRONT DISC BRAKE PISTON

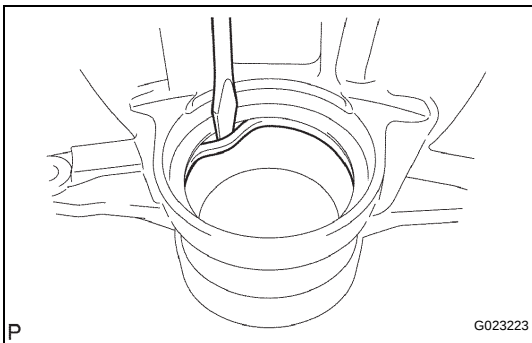
- (a) Place a shop rug between the brake piston and the disc brake cylinder sub-assembly.
- (b) Use compressed air to remove the brake piston from the disc brake cylinder sub-assembly.

CAUTION:

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

NOTICE:

Do not spatter the brake fluid.



10. REMOVE PISTON SEAL

- (a) Using a screwdriver, remove the piston seal.

NOTICE:

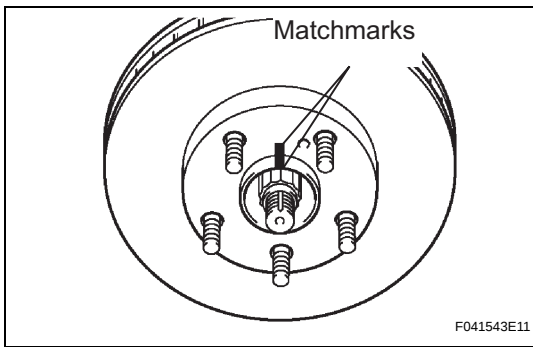
Do not damage the inner cylinder and cylinder groove.

11. REMOVE FRONT DISC BRAKE BLEEDER PLUG CAP

- (a) Remove the bleeder plug cap to the front disc brake bleeder plug.

12. REMOVE FRONT DISC BRAKE BLEEDER PLUG

- (a) Remove the front disc brake bleeder plug from the disc brake cylinder sub-assembly.

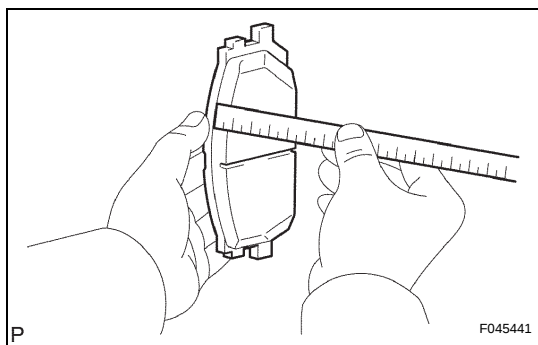
**13. REMOVE FRONT DISC**

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

INSPECTION

1. INSPECT BRAKE CYLINDER AND PISTON

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



2. INSPECT PAD LINING THICKNESS

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

Standard thickness:

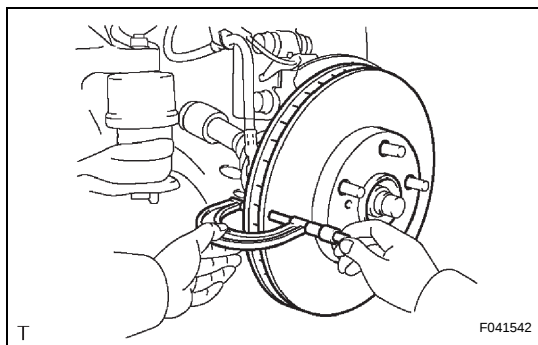
11.0 mm (0.433 in.)

Minimum thickness:

1.0 mm (0.039 in.)

3. INSPECT FRONT DISC BRAKE PAD SUPPORT PLATE

- (a) Inspect the front disc brake pad support plate (No. 1) and the front disc brake pad support plate (No. 2).
 - (1) Make sure that it has sufficient rebound, no deformation cracks or wear, and all rust, dirt are cleaned off.



4. INSPECT DISC THICKNESS

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

Standard thickness:

28.0 mm (1.102 in.)

Minimum thickness:

26.0 mm (1.024 in.)

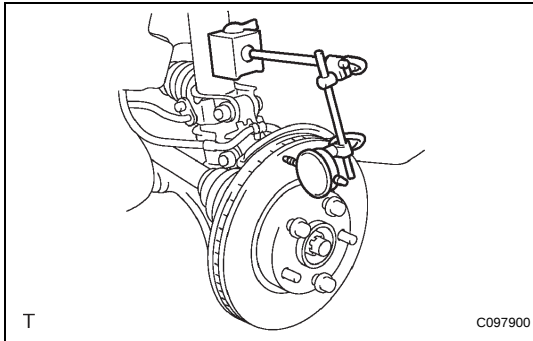
REASSEMBLY

1. INSTALL FRONT DISC

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

HINT:

When replacing the disc with a new one, select the installation position where the front disc has the minimum runout.



2. INSPECT DISC RUNOUT

- (a) Temporarily install the front disc with hub nuts.

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

- (b) Using a dial gauge, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the front disc.

Maximum disc runout:

0.05 mm (0.0020 in.)

- (c) If the disc runout is greater than the maximum value, check the bearing play in the axial direction and check the axle hub runout (See page [AH-5](#)). If the bearing play and axle hub runout are normal, adjust the disc runout or grind it on a "On-car" brake lathe.

3. TEMPORARILY TIGHTEN FRONT DISC BRAKE BLEEDER PLUG

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

4. INSTALL FRONT DISC BRAKE BLEEDER PLUG CAP

- (a) Install the bleeder plug cap to the front disc brake bleeder plug.

5. INSTALL PISTON SEAL

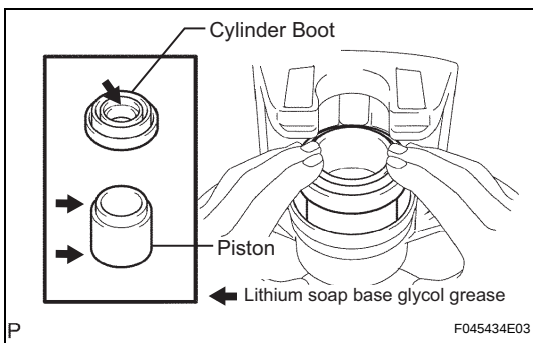
- (a) Apply the lithium soap base glycol grease to a new piston seal.
- (b) Install the piston seal to the disc brake cylinder sub-assembly.

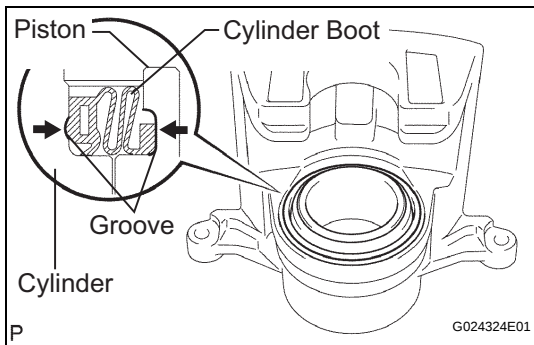
6. INSTALL FRONT DISC BRAKE PISTON

- (a) Apply lithium soap base glycol grease to the front disc brake piston and a new cylinder boot.
- (b) Install the cylinder boot to the front disc brake piston.
- (c) Install the piston to the front disc brake cylinder sub-assembly.

NOTICE:

Do not install the piston forcibly in the disc brake cylinder.



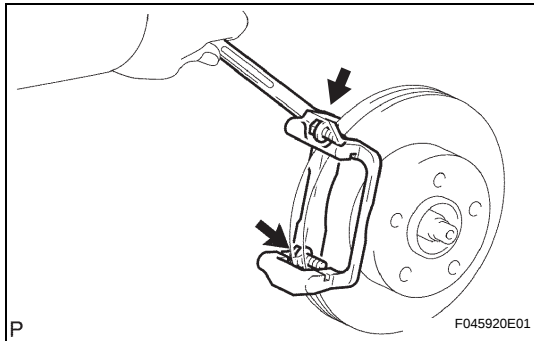


7. INSTALL CYLINDER BOOT

- (a) Install the cylinder boot to the front disc brake cylinder.

NOTICE:

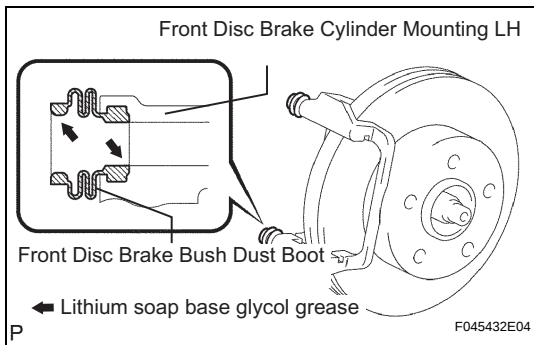
- Install the boot securely to the grooves of the cylinder and piston.
- Do not damage the cylinder boot.



8. INSTALL FRONT DISC BRAKE CYLINDER MOUNTING LH

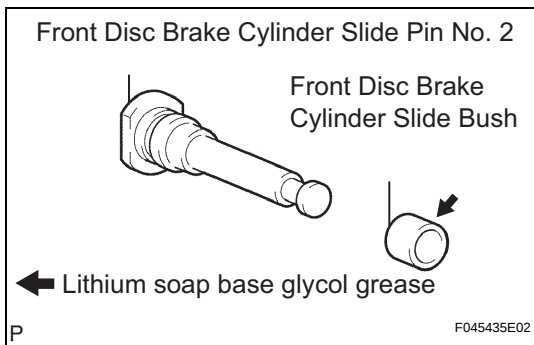
- (a) Install the front disc brake cylinder mounting LH with the 2 bolts.

Torque: 104 N*m (1,061 kgf*cm, 77 ft.*lbf)



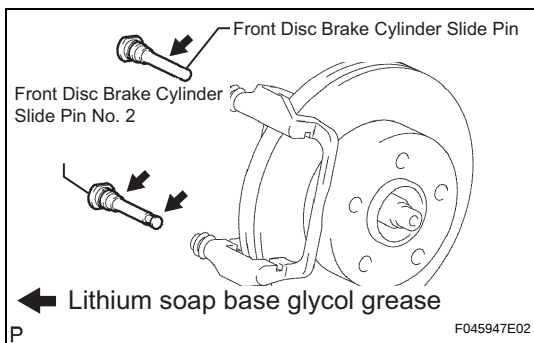
9. INSTALL FRONT DISC BRAKE BUSH DUST BOOT

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



10. INSTALL FRONT DISC BRAKE CYLINDER SLIDE BUSH

- (a) Apply lithium soap base glycol grease to the a new front disc brake cylinder slide bush.
- (b) Install the front disc brake cylinder slide bush to the front disc brake cylinder slide pin No. 2.

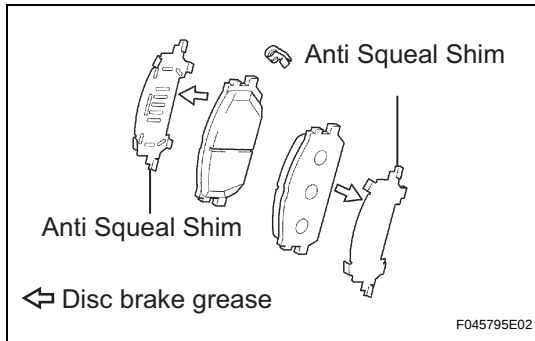


11. INSTALL FRONT DISC BRAKE CYLINDER SLIDE PIN

- (a) Apply the lithium soap base glycol grease to the sliding part and the seal surface of the slide pin No. 2.
- (b) Install the front disc brake cylinder slide pin No. 2 to the bottom side of the cylinder mounting LH.
- (c) Apply the lithium soap base glycol grease to the sliding part and the seal surface of the slide pin.
- (d) Install the front disc brake cylinder slide pin.

12. INSTALL FRONT DISC BRAKE PAD SUPPORT PLATE

- (a) Install the front disc brake pad support plate (No. 1) and the front disc brake pad support plate (No. 2) to the front disc brake cylinder mounting LH.

**13. INSTALL ANTI SQUEAL SHIM KIT FRONT**

- (a) Apply disc brake grease to the anti squeal shims and install them to each pad.

NOTICE:

- When replacing worn pads, the anti squeal shims must be replaced together with the pads.
- Install the shims correctly of which positions and directions.

- (b) Install the pad wear indicator to the inner pad.

NOTICE:

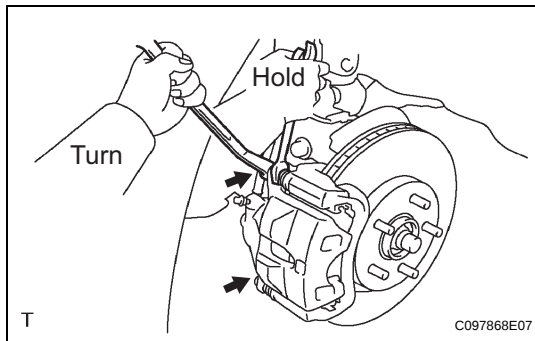
Install the pad wear indicator correctly of which positions and directions.

14. INSTALL DISC BRAKE PAD KIT FRONT (PAD ONLY)

- (a) Install the 2 brake pads w/ anti squeal shim to the disc brake cylinder mounting LH.

NOTICE:

There should be no oil or grease on the friction surface of the pads and the disc.

**INSTALLATION****1. INSTALL DISC BRAKE CYLINDER ASSEMBLY LH**

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

Torque: 34 N*m (350 kgf*cm, 25 ft.*lbf)

2. CONNECT FRONT FLEXIBLE HOSE

- (a) Connect the flexible hose with the union bolt and a new gasket.

Torque: 29 N*m (300 kgf*cm, 21 ft.*lbf)

NOTICE:

Install the flexible hose lock securely in the lock hole in the disc brake cylinder sub-assembly.

3. FILL RESERVOIR WITH BRAKE FLUID**HINT:**

See page [BR-14](#).

4. BLEED MASTER CYLINDER**HINT:**

See page [BR-14](#).

SST 09023-00101

5. BLEED BRAKE LINE**HINT:**

See page [BR-14](#).

6. CHECK FLUID LEVEL IN RESERVOIR**HINT:**

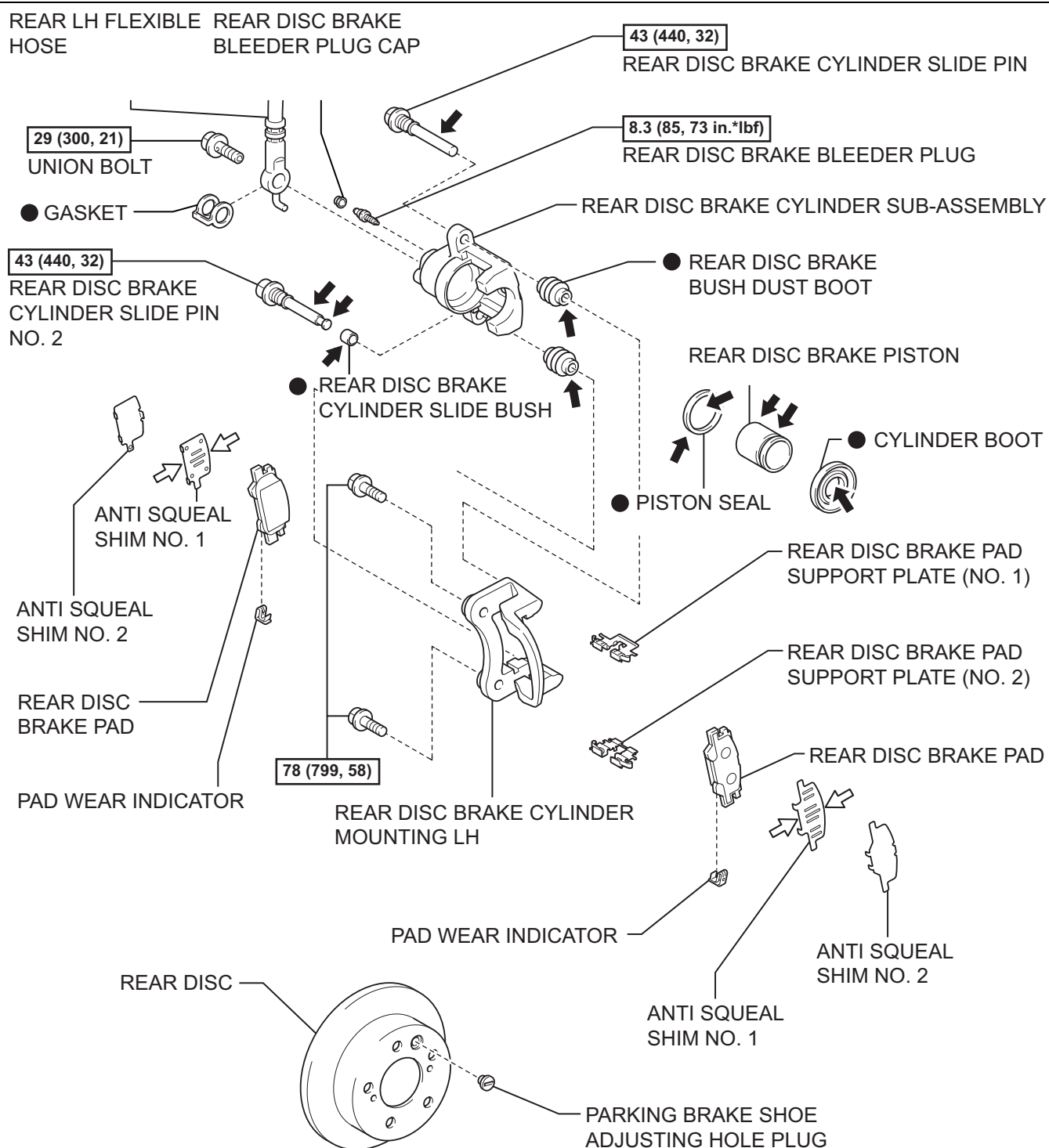
See page [BR-14](#).

7. CHECK BRAKE FLUID LEAKAGE

8. INSTALL FRONT WHEEL**Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)**

REAR BRAKE

COMPONENTS



N*m (kgf*cm, ft.*lbf) : Specified torque

← Lithium soap base glycol grease

- Non-reusable part

⇐ Disc brake grease

REMOVAL

HINT:

Overhaul the RH side by using the same procedures as those for the LH side.

1. REMOVE REAR WHEEL**2. DRAIN BRAKE FLUID****NOTICE:**

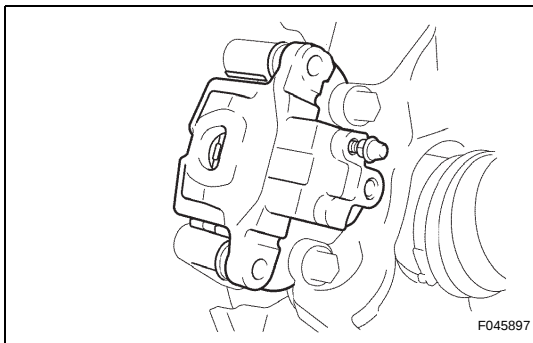
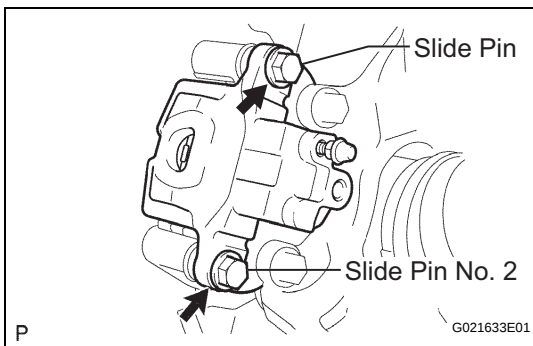
Wash the brake fluid off immediately if it adheres to any painted surfaces.

3. DISCONNECT REAR LH FLEXIBLE HOSE

- (a) Remove the union bolt and the gasket from the disc brake cylinder assembly rear, then disconnect the flexible hose.

4. REMOVE REAR DISC BRAKE CYLINDER SLIDE PIN

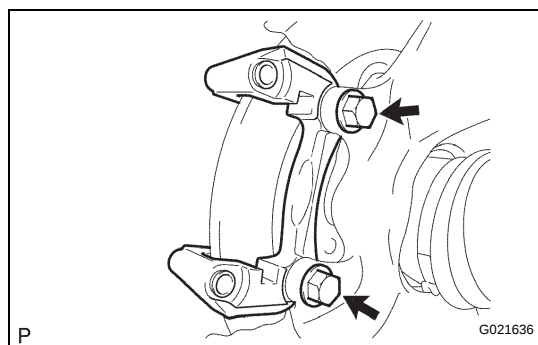
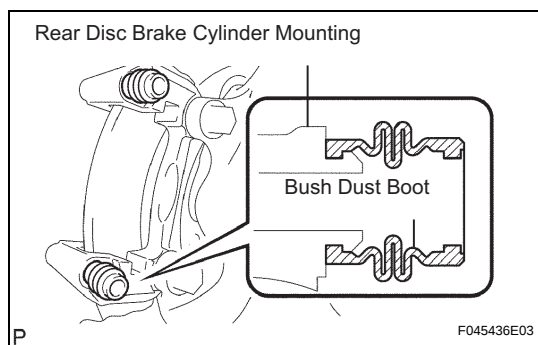
- (a) Remove the rear disc brake cylinder slide pin No. 2.
- (b) Remove the rear disc brake cylinder slide pin.

**5. REMOVE DISC BRAKE CYLINDER ASSEMBLY**

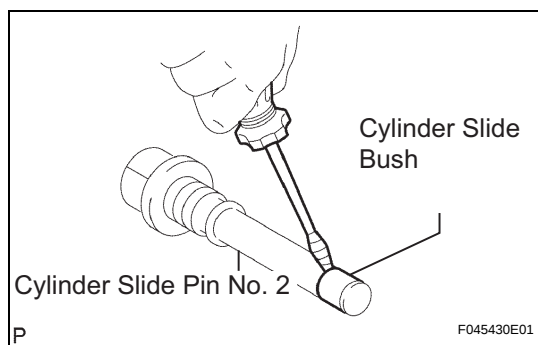
- (a) Remove the disc brake cylinder assembly.

DISASSEMBLY

1. **REMOVE DISC BRAKE PAD KIT REAR (PAD ONLY)**
 - (a) Remove the 2 brake pads with the anti squeal shim.
2. **REMOVE REAR DISC BRAKE ANTI SQUEAL SHIM KIT**
 - (a) Remove the 4 anti squeal shims from each pad.
 - (b) Using a screwdriver, remove the 2 pad wear indicators from each pad.
3. **REMOVE REAR DISC BRAKE PAD SUPPORT PLATE**
 - (a) Remove the rear disc brake pad support plate (No. 1) and the rear disc brake pad support plate (No. 2) from the rear disc brake cylinder mounting LH.
4. **REMOVE REAR DISC BRAKE BUSH DUST BOOT**
 - (a) Remove the 2 rear disc brake bush dust boots from the rear disc brake cylinder mounting LH.

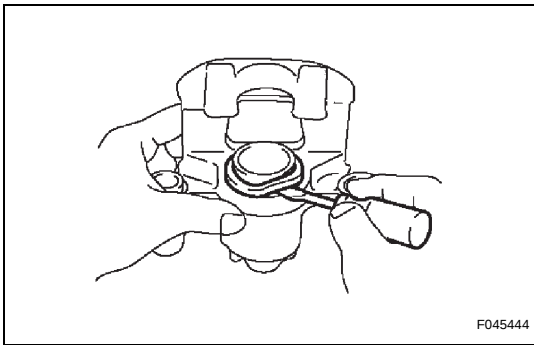


5. **REMOVE REAR DISC BRAKE CYLINDER MOUNTING LH**
 - (a) Remove the 2 bolts and the rear disc brake cylinder mounting LH.



6. **REMOVE REAR DISC BRAKE CYLINDER SLIDE BUSH**
 - (a) Remove the rear disc brake cylinder slide bush from the rear disc brake cylinder slide pin No. 2.

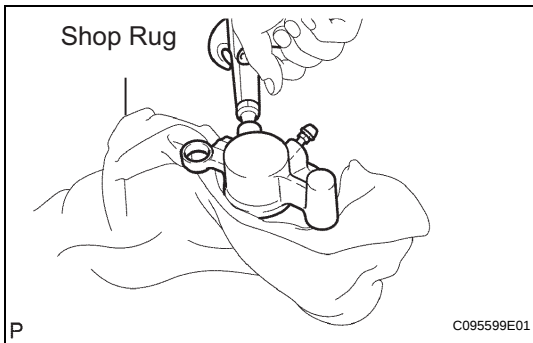
NOTICE:
Do not damage the front disc brake cylinder slide pin No. 2.

**7. REMOVE CYLINDER BOOT**

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

NOTICE:

Do not damage the inner cylinder and cylinder groove.

**8. REMOVE REAR DISC BRAKE PISTON**

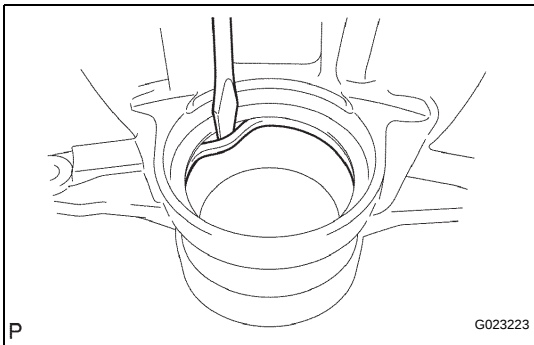
- (a) Place a shop rug between the brake piston and the rear disc brake cylinder sub-assembly.
- (b) Use compressed air to remove the brake piston from the rear disc brake cylinder sub-assembly.

CAUTION:

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

NOTICE:

Do not spatter the brake fluid.

**9. REMOVE PISTON SEAL**

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

NOTICE:

Do not damage the inner cylinder and the cylinder groove.

10. REMOVE REAR DISC BRAKE BLEEDER PLUG CAP

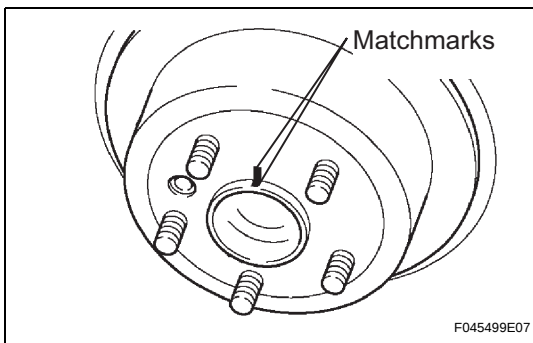
- (a) Remove the bleeder plug cap from the rear disc brake bleeder plug.

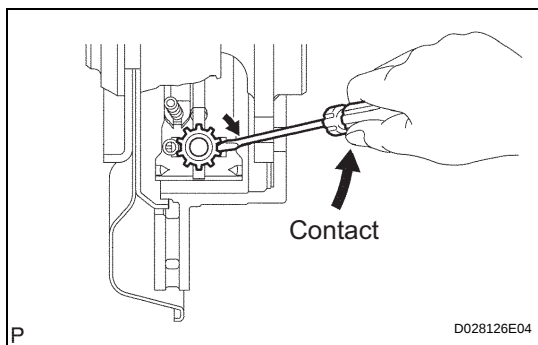
11. REMOVE REAR DISC BRAKE BLEEDER PLUG

- (a) Remove the rear disc brake bleeder plug from the rear disc brake cylinder sub-assembly.

12. REMOVE REAR DISC

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





- (b) Release the parking brake, and remove the rear disc.

HINT:

If the disc cannot be removed easily, turn the shoe adjuster until the wheel turns freely.

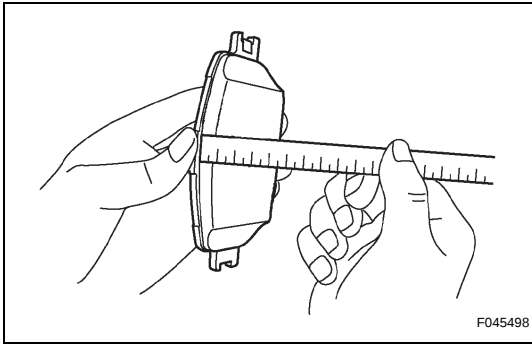
13. REMOVE PARKING BRAKE SHOE ADJUSTING HOLE PLUG

- (a) Remove the parking brake shoe adjusting hole plug from the rear disc.

INSPECTION

1. INSPECT BRAKE CYLINDER AND PISTON

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



2. INSPECT PAD LINING THICKNESS

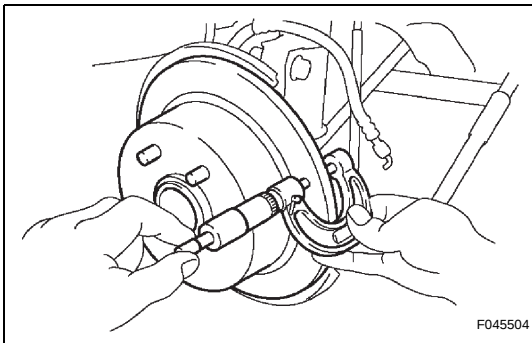
- (a) Using a ruler, measure the pad lining thickness.

Standard thickness:

10.0 mm (0.394 in.)

Minimum thickness:

1.0 mm (0.039 in.)



3. INSPECT DISC THICKNESS

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

Standard thickness:

10.0 mm (0.394 in.)

Minimum thickness:

8.5 mm (0.335 in.)

REASSEMBLY

1. INSTALL PARKING BRAKE SHOE ADJUSTING HOLE PLUG

- Install the parking brake shoe adjusting hole plug to the rear disc.

2. INSTALL REAR DISC

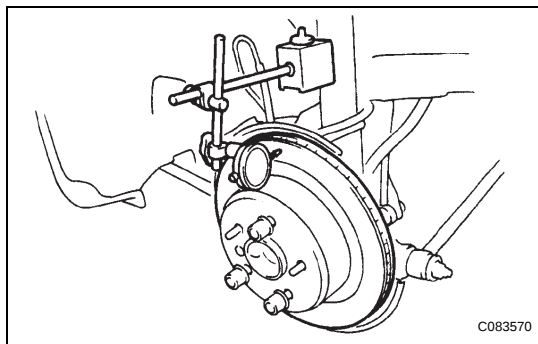
- Aligning the matchmarks, install the rear disc.

HINT:

When replacing the rear disc with a new one, select the installation position where the rear disc has the minimum runout.

3. INSPECT DISC RUNOUT

- Temporarily fasten the rear disc with hub nuts.
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
- Using a dial gauge, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the rear disc.
Maximum disc runout:
0.15 mm (0.0059 in.)
- If the disc runout is equal to maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page [AH-15](#) or [AH-18](#)). if the bearing play and axle hub runout are not abnormal, adjust the disc runout or grind it on a "On-car" brake lathe.



4. ADJUST PARKING BRAKE SHOE CLEARANCE

5. TEMPORARILY TIGHTEN REAR DISC BRAKE BLEEDER PLUG

- Temporarily install the rear disc brake bleeder plug to the rear disc brake cylinder sub-assembly.

6. INSTALL REAR DISC BRAKE BLEEDER PLUG CAP

- Install the rear disc brake bleeder plug cap to the rear disc brake bleeder plug.

7. INSTALL PISTON SEAL

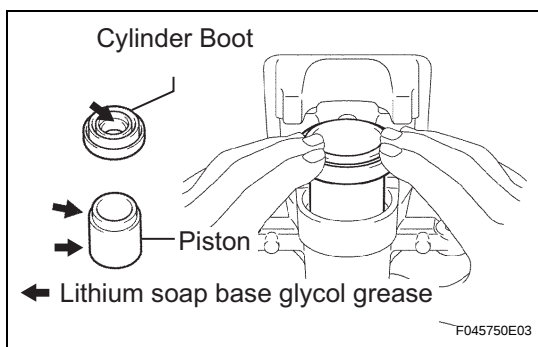
- Apply lithium soap base glycol grease to a new piston seal.
- Install the piston seal to the rear disc brake cylinder sub-assembly.

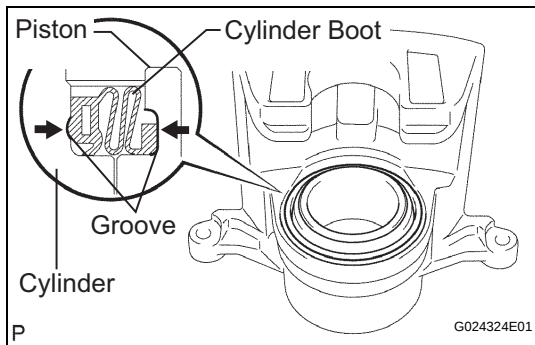
8. INSTALL REAR DISC BRAKE PISTON

- Apply lithium soap base glycol grease to the rear disc brake piston and a new cylinder boot.
- Install the cylinder boot to the rear disc brake piston.
- Install the piston to the rear disc brake cylinder sub-assembly.

NOTICE:

Do not install the piston forcibly in the disc brake cylinder.



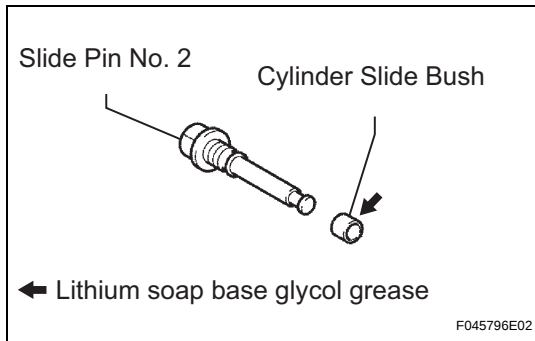


9. INSTALL CYLINDER BOOT

- (a) Install the cylinder boot to the rear disc brake cylinder sub-assembly.

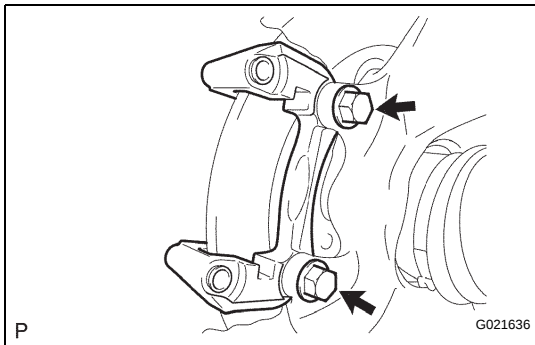
NOTICE:

- Install the boot securely onto the grooves of the cylinder and the piston.
- Do not damage the cylinder boot.



10. INSTALL REAR DISC BRAKE CYLINDER SLIDE BUSH

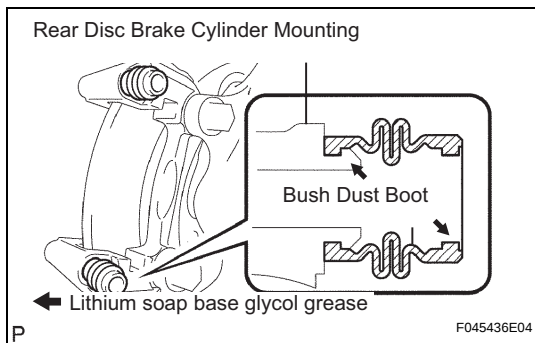
- (a) Apply lithium soap base glycol grease to a new rear disc brake cylinder slide bush.
- (b) Install the rear disc brake cylinder slide bush to the rear disc brake cylinder slide pin No. 2.



11. INSTALL REAR DISC BRAKE CYLINDER MOUNTING LH

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

Torque: 78 N*m (799 kgf*cm, 58 ft.*lbf)

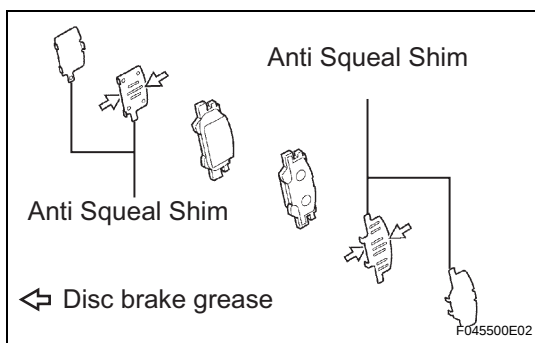


12. INSTALL REAR DISC BRAKE BUSH DUST BOOT

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

13. INSTALL REAR DISC BRAKE PAD SUPPORT PLATE

- (a) Install the rear disc brake pad support plate (No. 1) and the rear disc brake pad support plate (No. 2) to the rear disc brake cylinder mounting LH.



14. INSTALL REAR DISC BRAKE ANTI SQUEAL SHIM KIT

- (a) Apply disc brake grease to the inside of the anti squeal shims and install them and the pad wear indicators to each of the 2 brake pads.

NOTICE:

- When replacing worn pads, the anti squeal shims must be replaced together with the pads.
- Install the pad wear indicator and anti squeal shims in the correct positions and directions.

15. INSTALL DISC BRAKE PAD KIT REAR (PAD ONLY)

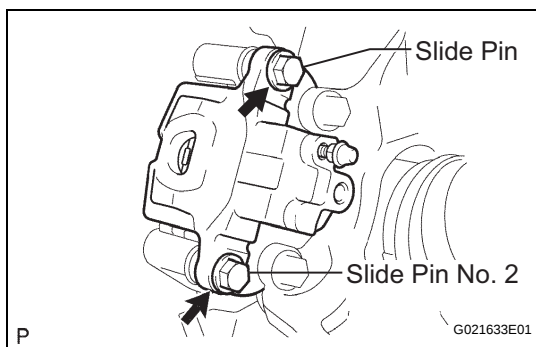
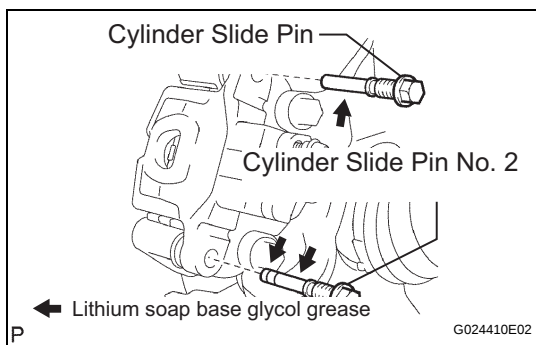
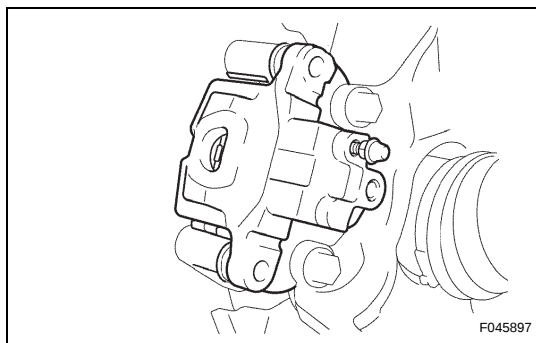
- (a) Install the 2 brake pads w/ anti squeal shims to the rear disc brake cylinder mounting LH.

NOTICE:

There should be no oil or grease on the friction surface of the pads and the disc.

INSTALLATION**1. INSTALL DISC BRAKE CYLINDER ASSEMBLY**

- (a) Install the rear disc brake cylinder assembly.

**2. 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 slide pin.
 (b) Install the rear disc brake cylinder slide pin.
 (c) Apply the lithium soap base glycol grease to the sliding part and the seal surface of the slide pin No. 2.
 (d) Install the rear disc brake cylinder slide pin No. 2 to the bottom side of the cylinder mounting LH.

- (e) Fully tighten the rear disc brake cylinder slide pin and the rear disc brake cylinder slide pin No. 2.
Torque: 43 N*m (440 kgf*cm, 32 ft.*lbf)

3. CONNECT REAR LH FLEXIBLE HOSE

- (a) Connect the flexible hose with the union bolt and a new gasket.
Torque: 29 N*m (300 kgf*cm, 21 ft.*lbf)

4. FILL RESERVOIR WITH BRAKE FLUID

HINT:

See page [BR-14](#).

5. BLEED MASTER CYLINDER

HINT:

See page [BR-14](#).

SST 09023-00101

6. BLEED BRAKE LINE

HINT:

See page [BR-14](#).

7. CHECK FLUID LEVEL IN RESERVOIR

HINT:

See page [BR-14](#).

8. CHECK BRAKE FLUID LEAKAGE**9. INSTALL REAR WHEEL**

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