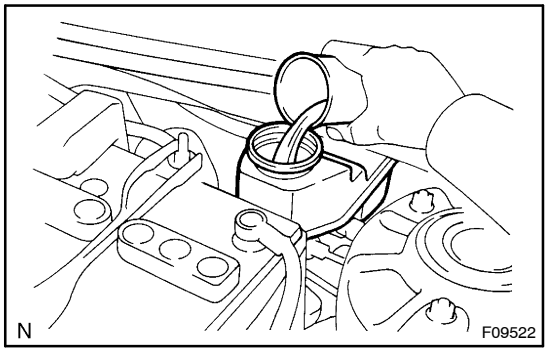


BRAKE FLUID

BR1U3–01

BLEEDING

HINT:

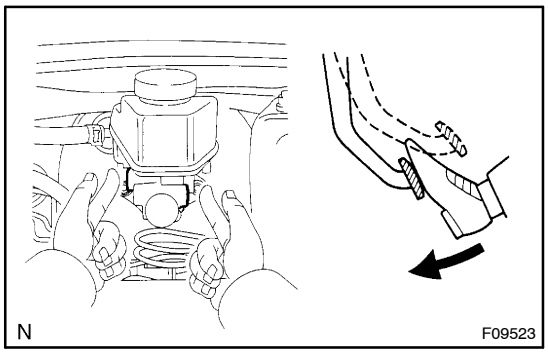
If any work is done on the brake system or if air in the brake lines is suspected, bleed the air from the brake system.

NOTICE:

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

1. FILL BRAKE RESERVOIR WITH BRAKE FLUID
Fluid: SAE J1703 or FMVSS No. 116 DOT3

2. REMOVE BATTERY



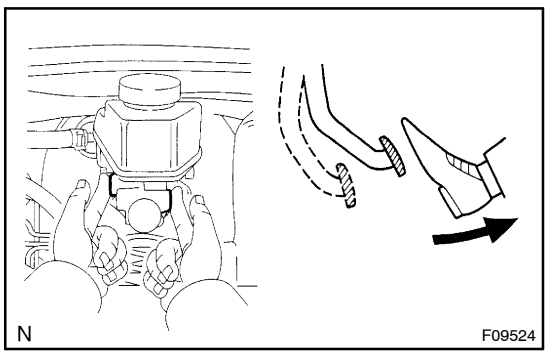
3. BLEED MASTER CYLINDER

HINT:

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

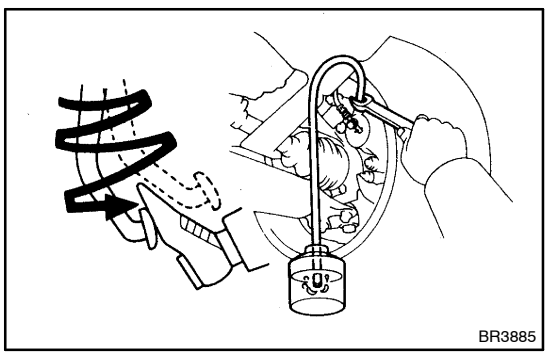
(a) Disconnect the brake lines from the master cylinder.
SST 09023–00100

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



(c) Block off the outlet plug with your finger and release the brake pedal.

(d) Repeat (b) and (c) 3 or 4 times.



4. BLEED BRAKE LINE

(a) Connect the vinyl tube to the bleeder plug.

(b) Depress the brake pedal several times, then loosen the bleeder plug with the pedal held down.

(c) When fluid stops coming out, tighten the bleeder plug, then release the brake pedal.
Torque: 8.3 N·m (85 kgf·cm, 73 in.·lbf)

(d) Repeat (b) and (c) until all the air in the fluid is completely bled out.

(e) Repeat the above procedure to bleed the air out of the brake line for each wheel.

5. CHECK FLUID LEVEL IN RESERVOIR

Check the fluid level and add fluid, if necessary.

Fluid: SAE J1703 or FMVSS No. 116 DOT3

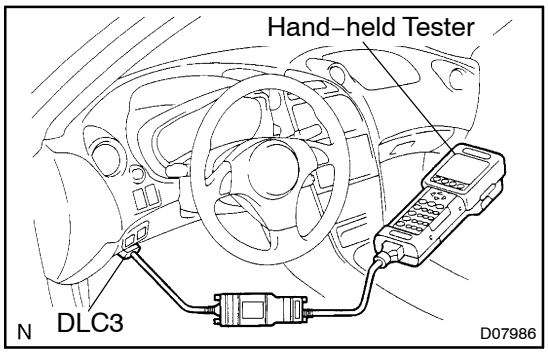
6. w/ VSC:

IF NECESSARY, BLEED VSC ACTUATOR

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 bleed in the VSC actuator using hand–held tester by the following procedures.

(a) Depress the brake pedal more than 20 times with the engine off.



(b) Connect the hand–held tester to the DLC3, then turn the ignition switch ON.

NOTICE:

Do not start the engine.

(c) Select the ”AIR BLEEDING” on the hand–held tester.

HINT:

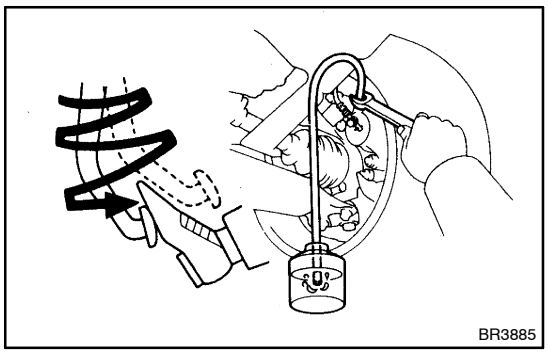
Please refer to the hand–held tester operator’s manual for further details.

(d) Bleed out the air from the usual brake line in ”Step1: Increase” on the hand–held tester display.

NOTICE:

- **Perform the air bleed by following the display of hand–held tester.**
- **Be careful 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 one of the above wheels with the pedal held down.

(3) When fluid stops coming out, tighten the bleeder plug, then release the brake pedal.

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

(4) Repeat (2) and (3) until all the air in the fluid is completely bled out.

(5) Repeat the above procedure to bleed the air out of the brake line for each wheel.

(e) Bleed out the air from the suction line in ”Step2: Inhalation” on the hand–held tester display.

NOTICE:

- **Perform the air bleed by following the display of hand–held tester.**
- **Be careful 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 VSC actuator using hand–held 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 stops using the screen of hand–held tester.

(4) Repeat (2) and (3) until all the air in the fluid is completely bled out.

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

(5) For the rest of a wheel, bleed the air in the same way as stated in the above procedure.

(f) Bleed out the air from the pressure reduction line in ”Step3: Decrease” on the hand–held tester display.

NOTICE:

- **Perform the air bleed by following the display of hand–held tester.**
- **Be careful 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 plug.

(2) Loosen the bleeder plug.

(3) Operate the VSC actuator using hand–held tester, completely depress the brake pedal and keep depressing.

NOTICE:

- **The operation stops automatically in 4 seconds. When performing this procedure continuously, at least 20 seconds interval is required.**
- **During this procedure, pedal feel seems heavy, but completely depress 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.

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

(5) Repeat (2) to (4) until all the air in the fluid is completely bled out.

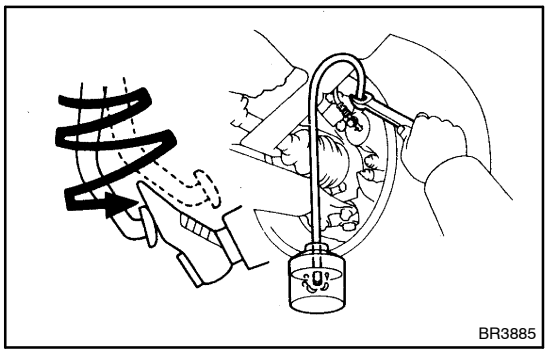
(6) Repeat the above procedure to bleed the air out of the brake line for each wheel.

(g) Bleed out the air from the usual brake line again in "Step4: Increase" on the hand–held tester display.

NOTICE:

- **Perform the air bleed by following the display of hand–held tester.**
- **Be careful 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.


BR3885

(2) Depress the brake pedal several times, then loosen the bleeder plug of one of the above wheels with the pedal held down.

(3) When fluid stops coming out, tighten the bleeder plug, then release the brake pedal.

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

(4) Repeat (2) and (3) until all the air in the fluid is completely bled out.

(5) Repeat the above procedure to bleed the air out of the brake line for each wheel.

(h) Check the fluid level and add fluid if necessary.

Fluid: SAE J1703 or FMVSS No. 116 DOT3