

BRAKE FLUID

BLEEDING

NOTICE:

- Wash off brake fluid immediately if it comes into contact with a painted surface.
- If the brake pedal is depressed with the reservoir cap removed, then brake fluid will spatter.

HINT:

- If any work is done on the brake system or if air in the brake lines is suspected, bleed the air from the system.
- When bleeding, keep the amount of the fluid between the Min. and Max. lines on the reservoir.

1. FILL RESERVOIR WITH BRAKE FLUID

Fluid:

SAE J1703 or FMVSS NO. 116 DOT3

2. BLEED BRAKE BOOSTER W/ACCUMULATOR PUMP ASSEMBLY

HINT:

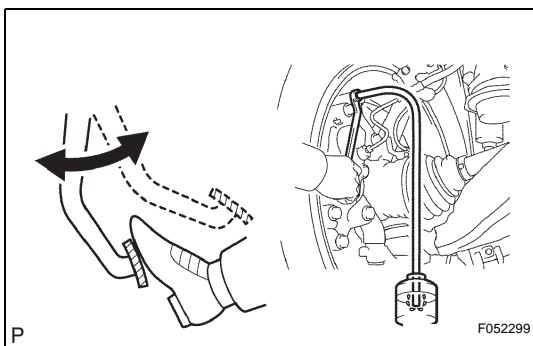
Perform this step only if the brake booster with accumulator pump assembly is removed and/or installed.

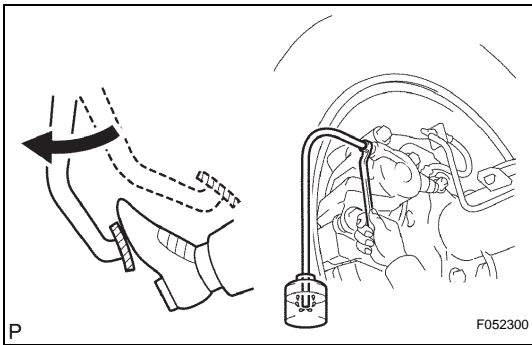
- Turn the ignition switch off, depress the brake pedal 20 times or more to release the pressure from the accumulator.
- Fully depress the brake pedal 10 times.
- Turn the ignition switch to the ON position and start the brake booster pump.
- Make sure the pump operates for 8 to 14 seconds. If the pump does not operate as specified, repeat steps (a) to (c) and recheck the operating time.

3. BLEED BRAKE LINE

(a) Front brake line

- Turn the ignition switch to the ON position and wait until the pump motor has stopped.
- Connect the vinyl tube to the brake caliper.
- Depress the brake pedal several times, then loosen the bleeder plug with the pedal held down.
- At the point when the fluid stops coming out, tighten the bleeder plug, then release the brake pedal.
Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)
- Repeat (3) and (4) until all the air in the fluid has been bled out.
- Repeat the above procedures to bleed the other brake line.



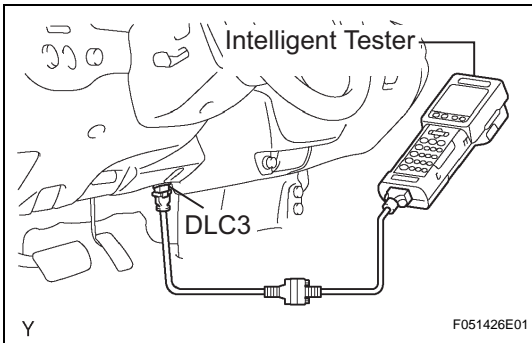


- (b) Rear brake line
- (1) Turn the ignition switch to the ON position and depress the brake pedal.
 - (2) Connect the vinyl tube to the brake caliper.
 - (3) Loosen the bleeder plug and release air.
HINT:
Brake fluid is sent through the pump, so keep the brake pedal depressed until the air is completely bled out.
 - (4) When the air is completely bled out of the brake fluid through the bleeder plug, tighten the bleeder plug.
Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)
 - (5) Repeat the above procedures to bleed the other brake line.

4. BLEED MASTER CYLINDER SOLENOID

HINT:

Perform this step only if the master cylinder solenoid is removed and/or installed.



- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position.
- (c) Select "ACTIVE TEST" mode on the intelligent tester.
- (d) Connect the vinyl tube to the rear brake caliper.
- (e) Loosen the bleeder plug.
- (f) Select "SRMF & SRMR" to drive the solenoids and bleed air from the rear brake caliper.

NOTICE:

Do not depress the brake pedal.

HINT:

- Brake fluid is sent through the pump.
 - To protect the solenoids, the intelligent tester turns OFF automatically 2 seconds after every solenoid has been turned ON.
- (g) Repeat step (f) until all the air in the brake fluid is bled out.
 - (h) When the air is completely bled out of the brake fluid through the bleeder plug, tighten the bleeder plug.
Torque: 11 N*m (112 kgf*cm, 8 ft.*lbf)
 - (i) Repeat the above procedures to bleed the other brake line.
 - (j) Turn the ignition switch off.
 - (k) Turn the ignition switch to the ON position.
 - (l) Clear DTC (See page [BC-38](#)).

5. CHECK FLUID LEVEL IN RESERVOIR

HINT:

(See page [BR-17](#))