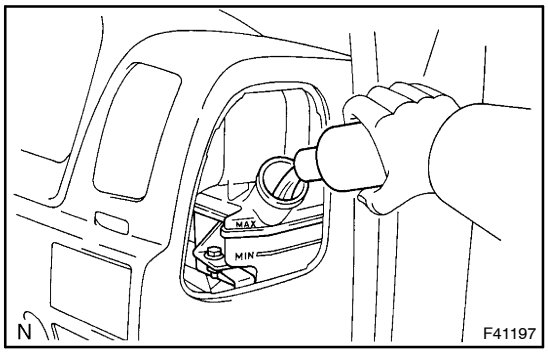
BRAKE FLUID

320TP–01

BLEEDING

HINT:
If any work is done on the brake system or if there seems to be trouble in the air in the brake lines, bleed air from the system.
NOTICE:
Wash off any brake fluid that has come into contact with the painted surface.

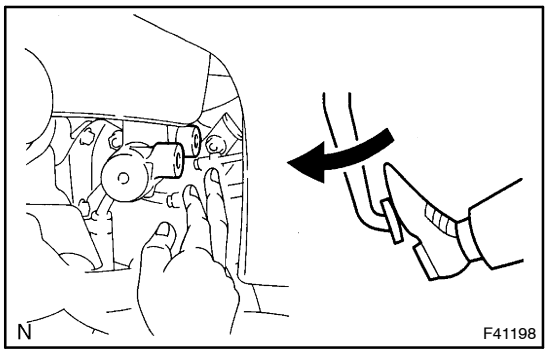


1. FILL RESERVOIR WITH BRAKE FLUID

(a) Check the fluid level in the reservoir after bleeding each wheel. Add fluid, if necessary.
Fluid: SAE J1703 or FMVSS No. 116 DOT3

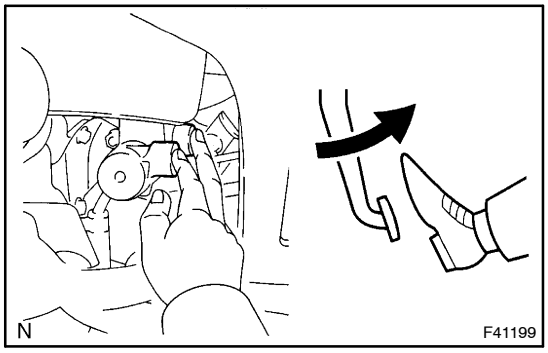
2. BLEED MASTER CYLINDER

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



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

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



(c) Close the outer holes with your fingers, and release the brake pedal.
(d) Repeat (b) and (c) 3 or 4 times.
(e) Using SST, connect the 2 brake lines to the master cylinder.
SST 09023–00100
Torque:
12.9 N·m (131 kgf·cm, 9.4 ft·lbf) for use with SST
15 N·m (155 kgf·cm, 11 ft·lbf)

HINT:
Use a torque wrench with a fulcrum length of 300 mm (11.81 in.).

3. BLEED BRAKE LINE

(a) Wheel equipped with drum brake:
Connect a vinyl tube to the brake drum.
(b) Wheel equipped with disc:
Connect a vinyl tube to the brake caliper.
(c) Depress the brake pedal several times, then loosen the bleeder plug with the pedal held down.

(d) At the point where the fluid stops coming out, tighten the bleeder plug, and then release the brake pedal.

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

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

Torque:
Front bleeder plug
2 ton (disc & drum), nomal cab 3 ton: 11 N·m (110 kgf·cm, 8.0 ft·lbf)
Wide cab over 2 ton (drum): 9.5 N·m (95 kgf·cm, 83 in.·lbf)
Rear bleeder plug
Nomal cab, wide cab 2 ton: (110 kgf·cm, 8.0 ft·lbf)
Wide cab over 2 ton: 9.5 N·m (95 kgf·cm, 83 in.·lbf)

4. CHECK FLUID LEVEL IN RESERVOIR

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

Fluid: SAE J1703 or FMVSS No. 116 DOT3