

Master Cylinder

Reassembly (cont'd)

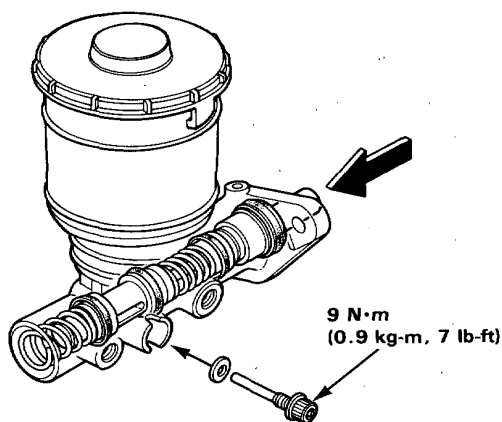
4. Assemble the primary piston assembly, secondary piston assembly and piston guide assembly in the master cylinder body.

NOTE: Install the primary piston with the slot on the cylinder facing the stop bolt hole side.

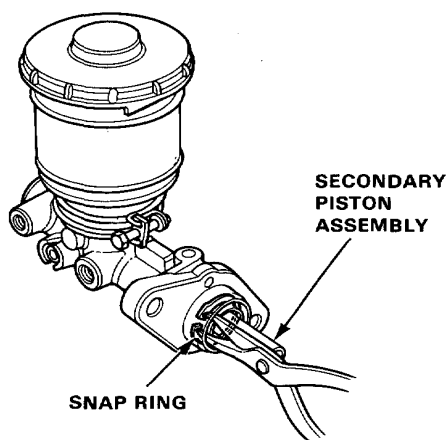
5. Push the secondary piston in until slot aligns with the stop bolt hole, then install and tighten the stop bolt.

CAUTION:

- Replace the stop bolt seal with a new one whenever disassembled.
- Apply brake fluid to the inner wall of the cylinder and piston cups, being careful that they are not turned inside out during installation.

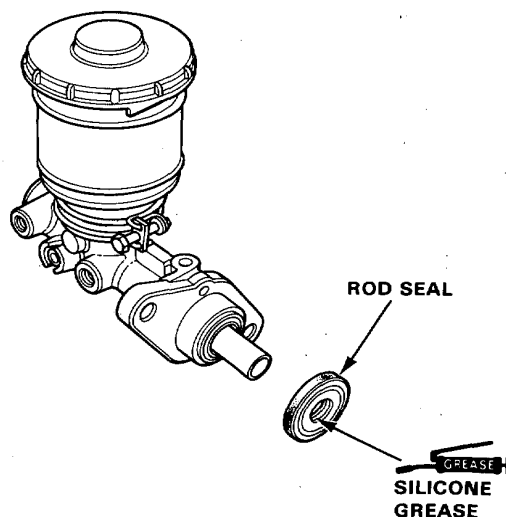


6. Press the secondary piston in and install the snap ring.



CAUTION: Avoid damaging the sliding surface of the secondary piston when installing the snap ring.

7. Install the rod seal.



CAUTION:

- Make sure that there is no interference between the brake pipes and other parts when installing.
- Adjust the pushrod length and clearance (page 13-17 and 18).

Bleeding

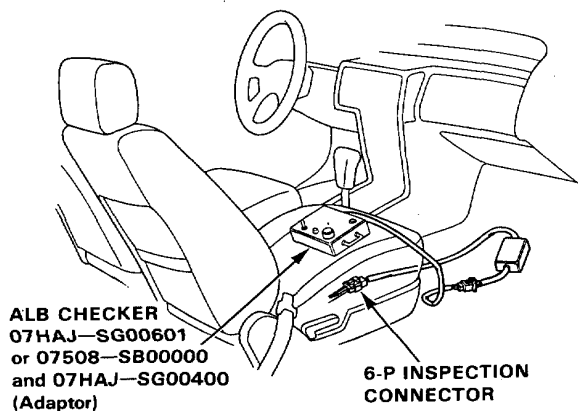


Air Bleeding With ALB Checker

NOTE:

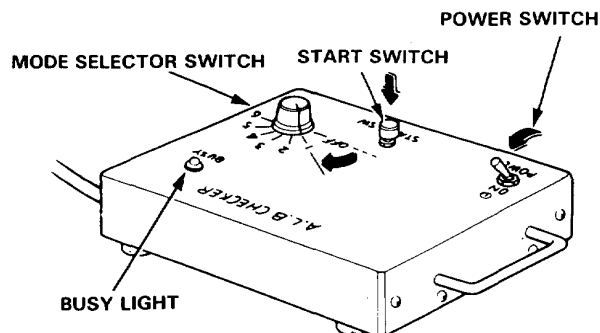
- Set the Pulse Selector switch to 50 when using ALB checker 07HAJ—SG00601.
- Do not depress the brake pedal during air bleeding. Or the air bleeding may be affected.

1. Fill the modulator reservoir with brake fluid up to the MAX level.
2. Disconnect the 6P coupler (PNK) from the cover mounted in front of the console and connect it to the ALB checker.



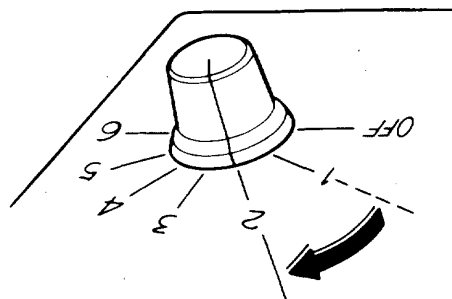
CAUTION: Place the car on level ground with the wheels blocked. Shift the transmission to P or Neutral.

3. Start the engine.
4. Release the parking brake.
5. Turn the power switch of ALB checker ON.

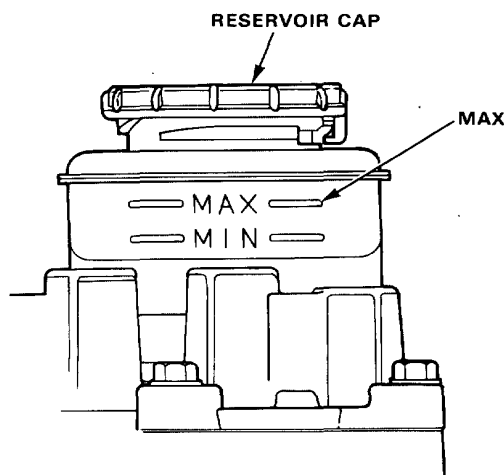


6. Turn the mode selector switch to 1.
7. Press the start switch.
8. Make sure that the motor runs.
9. Wait for the motor to stop.

10. Turn the mode switch to 2.



11. Press the start switch.
12. Brake fluid in the reservoir will bubble briskly for 20 seconds after the switch is pressed. Wait for 4 to 5 minutes until the brake fluid stops bubbling.
13. Turn the mode switch to 6.
14. Repeat steps 11 and 12.
15. Repeat steps 10 through 14 two or three times.
16. Fill the reservoir with brake fluid up to the MAX level.



17. Install the cap.
18. Check the ALB function in all modes (page 13-45). There should be kickback in modes 2 through 5.

CAUTION: If the kickback is weak, re-bleed air from the system.