

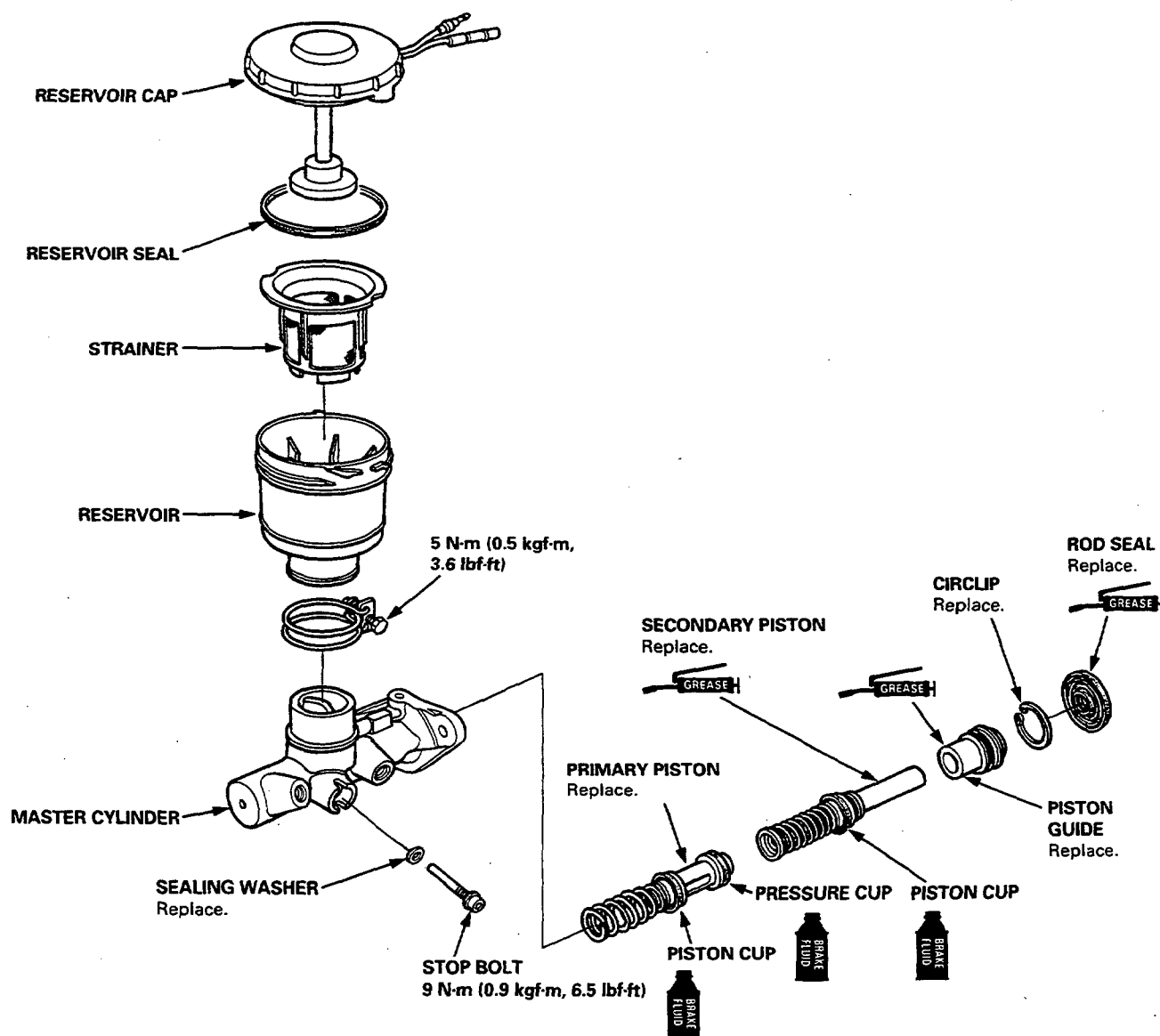
Reassembly

CAUTION:

- If replacing the primary piston, secondary piston or master cylinder body, check and adjust the pushrod clearance before installing the master cylinder (see page 19-18).
- Do not spill brake fluid on the car; it may damage the paint; if brake does contact the paint, wash it off immediately with water.
- Clean all parts in brake fluid and air dry; blow out all passages with compressed air.
- Before reassembling, check that all parts are free of dust and other foreign particles.
- Replace parts with new ones whenever specified to do so.
- Make sure no dirt or other foreign matter is allowed to contaminate the brake fluid.
- Do not mix different brands of brake fluid as they may not be compatible.
- Do not reuse the drained fluid. Use only clean DOT 3 or 4 brake fluid.
- Replace the master cylinder if the bore is damaged or worn. Do not hone or attempt to refinish the bore.

NOTE:

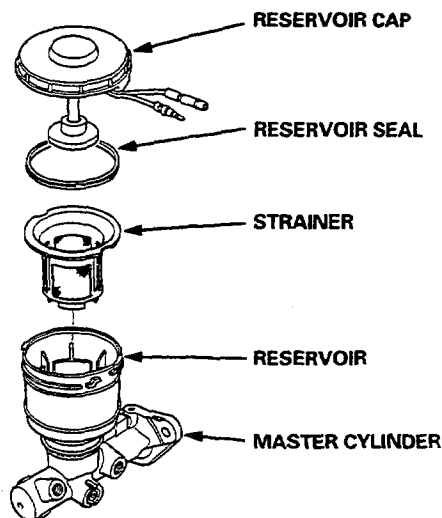
- Coat piston cups, pressure cup and master cylinder bore with clean brake fluid.
- Use recommended greases in the master cylinder seal set.



Master Cylinder

Reassembly (cont'd)

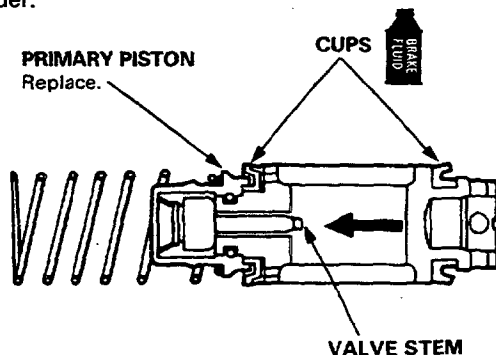
1. Install the reservoir on the master cylinder with a clamp as shown.
2. Install the reservoir seal in the groove of the reservoir cap.
3. Install the strainer and reservoir cap on the reservoir.



4. Coat the cups of a new primary piston with clean brake fluid, then install the primary piston into the master cylinder.

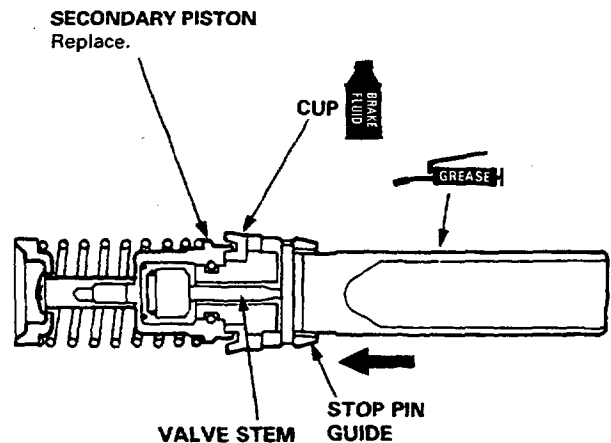
NOTE:

- Before installation, check that the valve stem moves smoothly by lightly pushing it through the slot in the piston.
- Install the piston so that the slot in the piston aligns with the stop bolt hole in the master cylinder.

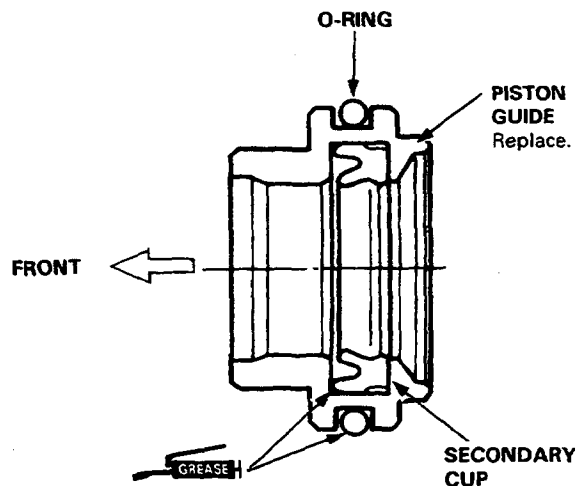


5. Coat the cup of a new secondary piston with clean brake fluid.
6. Apply recommended grease in the master cylinder seal set to the piston, and install the piston into the master cylinder.

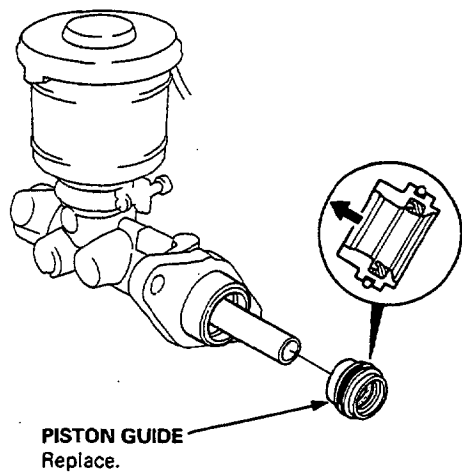
NOTE: Check that the valve stem moves smoothly by pushing the stop pin guide.



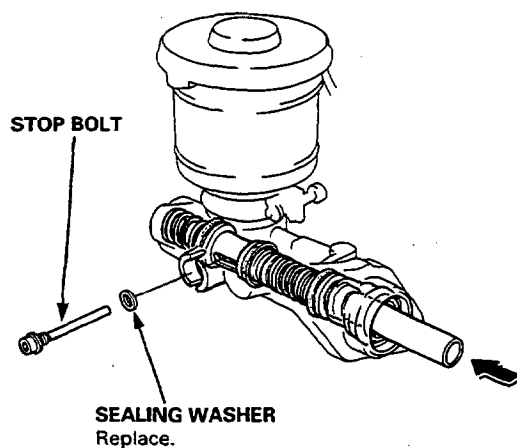
7. Apply recommended grease in the master cylinder seal set to a new O-ring and the secondary cup in a new piston guide.



8. Install the piston guide into the master cylinder.

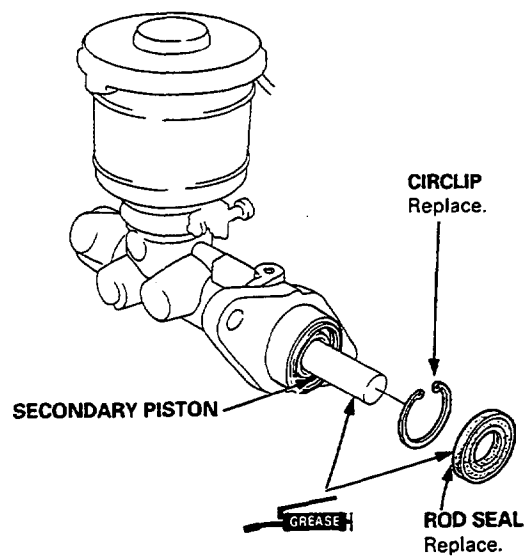


9. Align the slot in the primary piston with the stop bolt hole by pushing the secondary piston in, and install the stop bolt with a new sealing washer.



10. Install a new circlip while pushing in the secondary piston.

11. Apply recommended grease in the master cylinder set to a new rod seal, and install the seal onto the master cylinder.



12. Adjust the pushrod clearance (see page 19-18).

13. Install the master cylinder (see page 19-19).