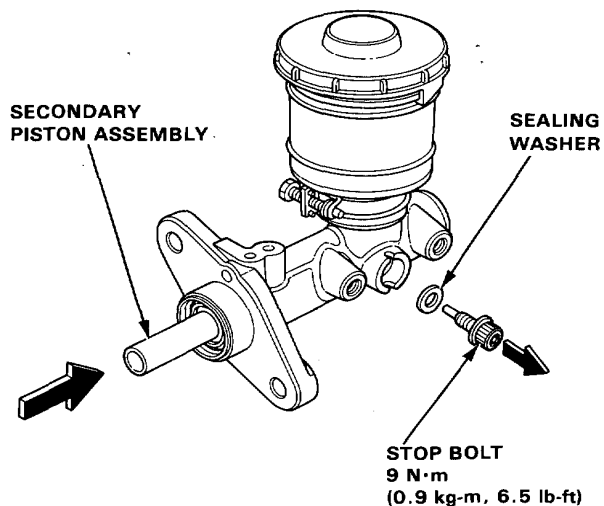




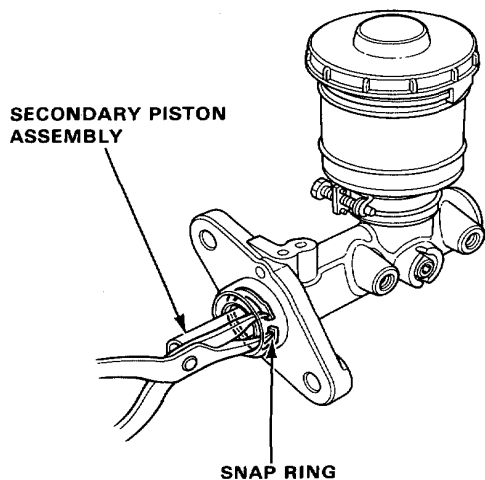
4. Install the piston assemblies in the master cylinder.

NOTE: To ease assembly, rotate the pistons while inserting.

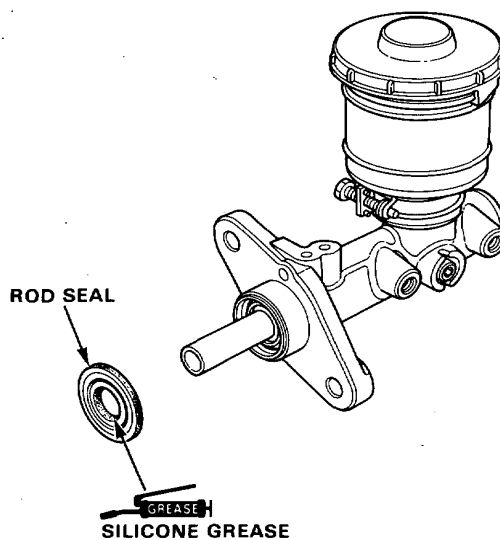
5. Install the stop bolt and new sealing washer while pushing in the secondary piston assembly, then tighten the stop bolt.



6. Install the snap ring while pushing in the secondary piston assembly.



7. Install a new rod seal.



CAUTION: When connecting the brake pipes, make sure that there is no interference between the brake pipes and other parts

Brake Booster

Test

Leak Test

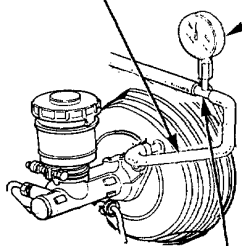
1. Install the Brake Power Kit (07504-6340100) as shown.
2. Start the engine, adjust the engine speed with the accelerator pedal so that the vacuum gauge readings show 300-500 mmHg (11.8-19.7 inHg), then stop the engine.
3. Read the vacuum gauge.

If the vacuum readings decreases 20 mmHg (0.8 inHg) or more after 30 seconds, check following parts for leaks.

- Check valve
- Vacuum hose
- Seals
- Diaphragm
- Master cylinder O-ring and cup

VACUUM JOINT TUBE A
07510-6340300 or
6340400

VACUUM GAUGE
07404-5790300



TUBE JOINT ADAPTOR
07410-5790500

Function Test

1. Install the vacuum gauge as same the leak test.
2. Connect the oil pressure gauges to the master cylinder using the attachments as shown.
3. Bleed air through the valves.

CAUTION: Avoid spilling brake fluid on painted, plastic or rubber parts as it may damage the finish.

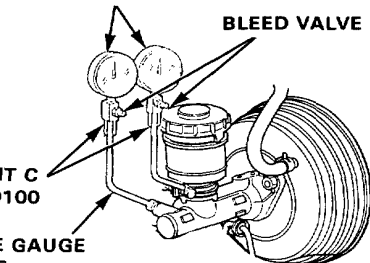
PRESSURE GAUGE
07406-5790200

BLEED VALVE

ATTACHMENT C
07410-5790100

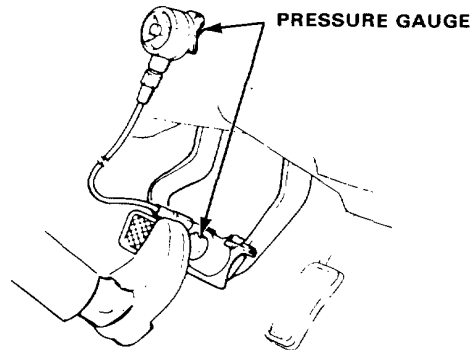
PRESSURE GAUGE
JOINT PIPE
07510-6340100

PRESSURE GAUGE JOINT PIPE (Use ALB Booster only)
07HAK-SG00110



4. Start the engine.

5. Depress the brake pedal with a 200 N (20 kg, 44 lbs) of pressure. The following pressures should be observed at the pressure gauges in each vacuum.



Vacuum mmHg	Line pressure kPa (kg/cm ² , psi)	
	Without ALB	ALB
0	921 (9.4, 134)	814 (8.3, 118)
300	5491 (56.0, 797)	6080 (62.0, 882)
500	8532 (87.0, 1238)	8159 (83.2, 1183)

6. Inspect the master cylinder pistons and cups in the readings do not fall within the limits shown above.

Check Valve Test

1. Remove the check valve, blow on one end of the hose and then the other; if you can blow through the booster end, but not through the manifold end, the check valve is OK.

