

Master Cylinder Operation Testing

Meet NATEF Task: (A5-B-3, A5-B-4) Check master cylinder for external and internal leaks and proper operation; remove, bench bleed, and reinstall master cylinder. (P-1s)

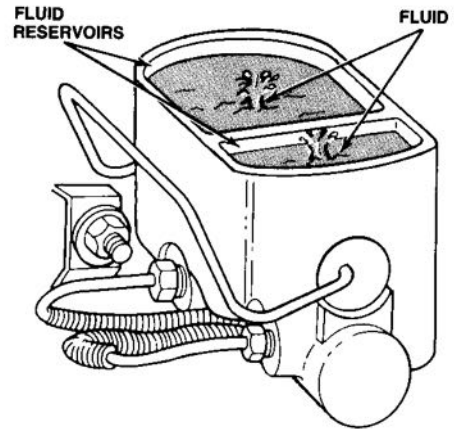
Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check visually for signs of external brake fluid leaks.

_____ OK _____ NOT OK

Describe location _____



_____ 2. Check for internal leakage by observing the level of brake fluid in the front compared to the rear.

A. Is the level higher in the front than the rear? _____ Yes _____ No

B. Is the brake pedal lower than normal? _____ Yes _____ No

If yes to both A and B above, then the master cylinder is leaking internally and must be replaced.

_____ 3. Have an assistant depress the brake pedal while watching the brake fluid in the master cylinder reservoir. The brake fluid should be seen to move as the brake pedal is being depressed if the sealing caps are OK and positioned correctly.

Movement observed? _____ Yes _____ No

If brake fluid does not move and there is a breaking system problem, the master cylinder or linkage adjustment is faulty.

_____ 4. Based on the test results, what is the necessary action? _____
