

# Master Cylinder

**Meet NATEF Task:** (A5-B-2) Check master cylinder for external and internal leaks and proper operation. (P-1)

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. Press on the brake pedal with the engine running in Park. Does the pedal slowly drop down? If so, and there are no signs of external leaks, the master cylinder is leaking internally and needs service.



\_\_\_\_ 4. 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 braking system problem, the master cylinder or linkage adjustment is faulty.

\_\_\_\_ 5. Based on the test results, what is the necessary action? \_\_\_\_\_

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