**Hydraulic Pressure Analysis**

**Meet ASE Task:** (A5-B-1) P-1 Diagnose pressure concerns in the brake system using hydraulic principles.

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_ Time on Task \_\_\_\_\_\_\_\_\_\_**

**Make/Model/Year \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ VIN \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Evaluation: 4 3 2 1**

**\_\_\_\_\_ 1.** Remove the disc brake calipers and install a force gauge between the caliper piston

and the caliper housing.



**\_\_\_\_\_ 2.** Depress the brake pedal and observe the force readings.

Left side = \_\_\_\_\_\_ pounds Right side = \_\_\_\_\_\_ pounds

The readings should be the same. **OK \_\_\_\_\_ NOT OK \_\_\_\_\_**

**\_\_\_\_\_ 3.** List possible causes that could prevent the force reading to be different from one side

to the other.

A. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**C.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### \_\_\_\_\_ 4. Based on the test results, what is the needed action?

### \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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