

# Proportioning Valve Inspection and Testing

**Meet NATEF Task:** (A5-B-10) Inspect, test, and/or replace metering (hold-off) proportioning (balance), pressure differential, and combination valves. (P-3)

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

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

A defective proportioning valve usually allows rear brake pressure to increase too rapidly, causing the rear wheels to lock up during hard braking. If the proportioning valve is height sensing, verify proper vehicle ride (trim) height and adjustment of the operating lever.

\_\_\_\_ 1. Check service information for the specified method and test procedures to follow to test a proportioning valve.



\_\_\_\_ 2. Describe the location of the proportioning valve(s) and describe their condition:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_ 3. Based on the inspection and testing, does the proportioning valve need to be replaced?

Explain why or why not?

\_\_\_\_\_

\_\_\_\_\_