**Vacuum Power Brake Booster Test**

**Meets ASE Task:** (A5-E-1) P-2 Test pedal free travel; check power assist operation.

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

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

**\_\_\_\_\_ 1.** Check the service information for the specified procedure for testing a vacuum power

 brake booster for the vehicle being serviced.

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_ 2.** With the engine off, depress the brake pedal several times until the brake pedal feels

 hard (firm).

**\_\_\_\_\_ 3.** The brake pedal should not fall to the floor of the vehicle.

 **OK \_\_\_\_\_ NOT OK \_\_\_\_\_**

**NOTE:** If the brake pedal travels to the floor

of the vehicle, carefully inspect the hydraulic

brake system for a fault. Service or repair the

hydraulic brake problem before continuing

with this test.

**\_\_\_\_\_ 4.** With your foot still firmly depressing the brake

 pedal, start the engine. The brake pedal should

 go down.

**OK \_\_\_\_\_ NOT OK \_\_\_\_\_**

**\_\_\_\_\_ 5.** If the brake pedal did not go down when the engine was started, visually check the

 following:

 \_\_\_\_\_ Minimum of 15 in. Hg of vacuum to the vacuum booster from the engine

 manifold or auxiliary vacuum pump

 \_\_\_\_\_ Proper operation of the one-way check valve

 \_\_\_\_\_ Unrestricted charcoal filter between the booster and the intake manifold (if

 equipped)

\_\_\_\_\_ Inspect for vacuum leaks

**OK \_\_\_\_\_ NOT OK \_\_\_\_\_**