1. Check the service information for the specified procedure for testing a vacuum power brake booster for the vehicle being serviced.

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

Meets ASE Task: A5 – E-1 – P-2

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Vacuum Power Brake Booster Test**

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

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 \_\_\_\_\_

