

Vacuum Power Brake Booster Test

Meets ASE Task: A5 – E-1 – P-2

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 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 ☐ _____

