

Vacuum Power Brake Booster Test

Meets ASE Task: (A5-E-1) P-2 Check brake pedal travel with, and without, engine running to verify proper power booster operation.

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

