**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) :\_\_\_\_\_\_\_\_\_

**Vacuum Power Brake Booster Test**

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

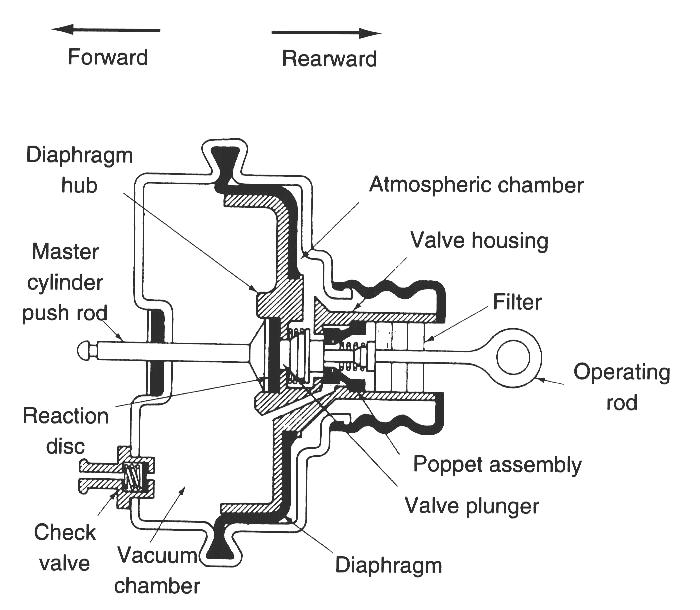
brake booster for the vehicle being serviced.

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

**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**