

# Vacuum Power Brake Booster Test

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

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 \_\_\_\_\_

