

# Hydro-Boost Test

Meets ASE Task: A5 – E-4 – 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 Hydro-Boost testing procedure for the vehicle being serviced.

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- ☐ 2. Start the testing of a Hydro-boost power brake assist system by carefully inspecting the following components:

Power steering fluid level OK ☐ NOT OK ☐

Power steering pressure hoses for leaks OK ☐ NOT OK ☐

Power steering pump drive belt OK ☐ NOT OK ☐

Master cylinder brake fluid level OK ☐ NOT OK ☐

Visually inspect for fluid leaks OK ☐ NOT OK ☐

- ☐ 3. Check the operation of the base hydraulic brakes by depressing the brake pedal several times with the engine "off" until the brake pedal feels firm. Continue to apply force to the brake pedal. The brake pedal should *not* drop.

OK ☐ NOT OK ☐ (master cylinder or hydraulic system fault is indicated)

- ☐ 4. With your foot still applying force to the brake pedal, start the engine. If the Hydro-boost system is functioning correctly, the brake pedal should drop.

OK ☐ NOT OK ☐

- ☐ 5. To check the power steering pump for proper operation, connect a power steering pressure gauge or pressure and volume gauge between the pump and the Hydro-boost unit. Start the engine and observe the pressure and volume gauges.

Pressure at idle = \_\_\_\_\_ (should be less than 150 psi) OK ☐ NOT OK ☐

Volume at idle = \_\_\_\_\_ (should be at least 2 gallons per minute) OK ☐ NOT OK ☐