

Hydro-Boost Test

Meets ASE Task: (A5-E-4) P-2 Inspect and test hydraulically assisted power brake system for leaks and proper operation; determine needed action.

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.
- _____

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

Power steering fluid level	OK <input type="checkbox"/>	NOT OK <input type="checkbox"/>
Power steering pressure hoses for leaks	OK <input type="checkbox"/>	NOT OK <input type="checkbox"/>
Power steering pump drive belt	OK <input type="checkbox"/>	NOT OK <input type="checkbox"/>
Master cylinder brake fluid level	OK <input type="checkbox"/>	NOT OK <input type="checkbox"/>
Visually inspect the Hydro-boost assembly for evidence of power steering fluid leaks	OK <input type="checkbox"/>	NOT OK <input type="checkbox"/>

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

