



Tech Info

HOW TO USE THE WALBRO PRESSURE TESTER

This device is used for leak testing of carburetors. Tolerance of carburetor components may cause wide variation in needle-valve blow-off pressure. Needle valve and seat should be wet with fuel during testing.

1. Connect pressure tester to fuel inlet nipple with an appropriate hose.
2. Shut off brass air valve on pressure tester by turning firmly clockwise until seated.
3. Apply air pressure to carburetor by slowly activating plunger. Gauge will indicate increasing pressure until carburetor needle valve is unseated (blow-off pressure). Then gauge will drop to indicate the pressure where the carburetor needle valve reseals itself (reseat pressure).
4. Both of these readings should occur at a pressure higher than typical fuel pump pressure (approximately 5 psi on most crankcase impulse-actuated fuel pumps). Blow-off pressure and reseat pressure will vary from carburetor to carburetor.
5. Gauge should remain steady when needle reseats. A leaky carburetor is indicated if the gauge continues to drop. A continuing pressure drop can indicate

- *worn needle valve

- *flawed or dirty needle valve seat

- *internal crack or porosity in body casting or fuel pump cover casting

- *leaking fuel pump gasket

- *leaking fuel pump diaphragm