



Fuel Pressure Regulator Diaphragm 1-bbl, 2-bbl, & 4-bbl Pro-Projection Systems P/N 512-1

This test must be performed when checking and adjusting the fuel system.

Tools Required:

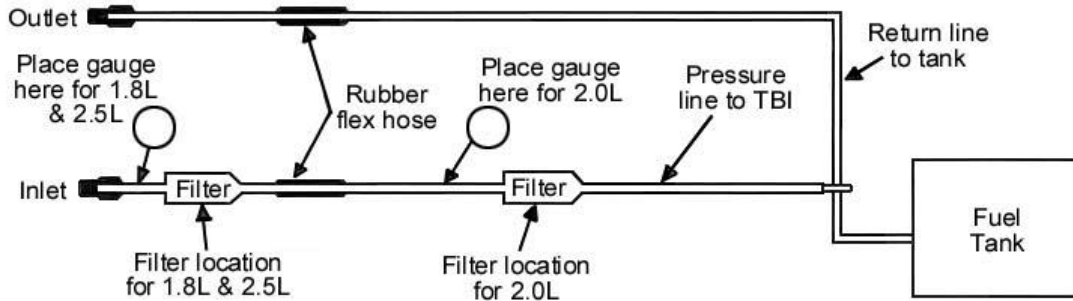
Fuel Pressure Kits (or equivalent of any listed)

Kent Moore	(1.8L & 2.5L)	J29658	(2.0L)	J34020
Snap On		MT321C		

CAUTION! It is necessary to relieve the fuel system pressure before servicing the fuel system components. Fuel spray will occur if the following procedure is not followed.

PROCEDURE:

1. Remove the fuse marked "fuel pump" from the fuse block in the passenger's compartment.
2. Start the engine and allow it to run until the fuel supply remaining in the lines is consumed. When the engine stalls, engage the starter for three seconds to ensure all pressure is relieved.
3. With the ignition in the "OFF" position, replace the fuel pump fuse. Do not turn the key to the "RUN" position until servicing is complete.
4. Remove the air cleaner and plug the THERMAC® vacuum port.
5. On 1.8L & 2.5L engines, remove the fuel line between the throttle body unit and the fuel filter. On 2.0L engines, remove the fuel line between the flex hose and fuel filter. See diagram below.
6. Install a fuel pressure gauge between the throttle body and the fuel filter.
7. Start the car and observe the fuel pressure reading. It should read between 10 to 15 psi. Place a 5/16" Allen wrench into the adjusting screw, which is located on top of the fuel pressure regulator cover. Turn the screw until you obtain a reading of 12 psi \pm 1 psi on 1.8L & 2.5L engines. On 2.0L engines, the reading is 15 psi \pm 1 psi.
8. Depressurize the fuel system and remove the fuel pressure gauge.
9. Reinstall the fuel line, start the car, and look for any leaks.
10. Remove the plug covering the THERMAC® vacuum port and install the air cleaner.



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