



Flowing Fuel Pressure Test Gauge

Part # 00-63010

INSTALLATION INSTRUCTIONS

The Nitrous Outlet flowing fuel pressure gauge is used to accurately set your flowing fuel pressure for your nitrous fuel system. The pressure gauge provided is accurate to .5% and is constructed from stainless steel.

CAUTION: When working with fuel, take all necessary precautions to make sure to stay safe. Fuel is extremely flammable and can cause serious burns or even death. Please use this item with caution as directed.



Instructions:

1. Install supplied 1ft 6AN to safety shut off valve. Ensure that the connection at the safety valve is tight so that fuel will not leak. Connect the open end of the 6AN line to the fuel pressure regulator from your fuel system. Be sure your gauge is zeroed before use. These gauges are so accurate that they can be thrown off of zero from bumping. To zero the gauge, unscrew the face and use a flat headed screwdriver to bring the gauge back to zero.
2. Depending on what method you use will depend on what flow thru jet you will use on the jet fitting.
3. Install desired jet to the jet fitting on the exit side of the tee fitting. Install and tighten the 3ft supplied 3AN line to the jet fitting.
4. The end of the 3AN line should be dumped into a certified fuel container.
5. Before starting flow to the gauge, make sure that the shut off valve is closed and 3AN is securely in your catch container. Start fuel flow to the gauge by powering your fuel pump. Your flowing fuel pressure will be displayed on the gauge when you open the shut off valve.

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IMPORTANT—All appropriate safety equipment (i.e., gloves, tools) must be used during the installation of this product(s). Nitro Dave's LLC accepts no responsibility for injuries resulting in the installation of any product(s).



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- Adjust regulator to desired fuel pressure while your fuel is flowing. **Note:** While adjusting your fuel pressure, ensure that your fuel system does not run low or out of fuel. This can cause your fuel pressure to read incorrectly and can cause irreversible damage to your pump if run with no fuel.

Measuring Desired Flow Thru Jet

There are a couple of different ways to determine what flow thru fuel jet that you want to run in your fuel pressure gauge.

Method 1: Formula Method

$$(\text{Fuel Jet}) \times (\text{Fuel Jet}) \times (\text{Number of Fuel Jets}) = V(X)$$

The number derived from this formula will give you a jet that you should use as your flow thru jet. This formula can become overly rich on systems jetted for horsepower levels over 300.

Example: A V8 Direct port for a 150 shot will call for a 24N/22F at 5PSI

$$(22) \times (22) \times (8) = 3872$$

$$\sqrt{3872} = 62.22 \text{ or a } .62 \text{ fuel jet.}$$

Method 2: For horsepower levels lower than 300, a .73 jet will give you the correct flowing fuel pressure.

Plates/Single Nozzle: To check flowing fuel pressure for one of these types of setups, you simply use the fuel pill that your tune up calls for. For example a plate system at 55 PSI with a 100 horsepower tune up will call for a 52N and a 28F. The 28F jet is what you will use in the flow tool.

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