INSTALLING THE PRESSURE PRO

The Pressure Pro must be placed in-line between the nitrous bottle and the nitrous solenoid. The Pressure Pro has a top and two side orifices. The top is the inlet, the line from the nitrous bottle goes here. The two side orifices are outlets. You may keep the one orifice blocked or use it for a pressure gauge outlet. The other outlet is connected to the nitrous solenoid. Be sure to use Teflon on the NPT ends.

The Pressure Pro is adjustable from 500psi to 1100 psi using the allen bolt on the bottom end. To increase pressure, tighten the bolt. To decrease, loosen the bolt. NEVER try to increase the outlet pressure with the nitrous bottle open! This will put too much pressure on the adjustment bolt and strip its threads. If you have 600psi and need 800, turn the nitrous bottle off and purge the pressure. Turn the adjustment screw 2 complete revolutions, turn the nitrous bottle back on and check your gauge- repeat as necessary. Each complete turn on the Pressure Pros' adjustment screw equals approximately 100psi. The Pressure Pro can take as much as 1400psi on the inlet. It's always a good idea to open the nitrous bottle slowly, but especially with higher inlet pressures.

You may notice on hotter days that your gauge is showing higher pressure than you have set the Pressure Pro. The Pressure Pro has not failed; this is just the nitrous trapped in the line between the Pressure Pro and the solenoid reacting to the heat. This is the "dead" nitrous that is purged away and will be the only purging required. Once the "dead" nitrous is relieved, your gauge will read the correctly adjusted pressure.

The Pressure Pro cannot give more pressure than the bottle has. Example, if your nitrous bottle is at 800psi, that's the most pressure you will get at the solenoids. Normally, it takes about 90* Fahrenheit to reach 900psi of bottle pressure. If you need that much pressure on a cooler day, the Pressure Pro allows you to warm the bottle without worry of overheating and going to the starting line with 1100psi at the solenoids