

## Fuel Pressure Snubber Valve for 30 PSI Fuel Pressure Gauge

The Snubber Valve regulates, normalizes and eliminates fuel pressure spikes that are present during the initial ignition and startup of your 86-12 Dodge Ram with a Cummins Diesel Engine. The Snubber Valve manages these high pressure spikes to by use of a regulator. High pressure fuel system spikes during startup are harmful and may cause early and unexpected failure of electronic fuel pressure sensors and/or sending units for fuel pressure gauges.

1. The Snubber Valve should be installed in-line between the banjo bolt on your fuel filter housing and your fuel pressure sensor or directly into your aftermarket fuel pump's test port.
2. Screw the 1/8<sup>th</sup> NPT male threads of the fuel pressure sensor into the female end of the snubber valve.
  - **Note:** Be sure to use Teflon tape on the sensor threads to ensure a tight seal.
  - **Note:** Be sure not to over tighten any of the fittings.
3. There are two locations where you can install the snubber valve; this depends on what type of fuel system you have installed and where you are planning to install your fuel pressure sensor.
  - **Location 1 Fuel Filter Housing**
    - Connect the male end of the snubber valve, with your fuel pressure sensor attached, into the female end of the banjo bolt.
    - **Note:** Be sure to use Teflon tape on the threads to ensure a tight seal.
    - **Note:** Be sure to use Teflon tape on the threads to ensure a tight seal, and **do not** over tighten any of the fittings.
  - **Location 2 After Market Fuel Pump**
    - Connect the male end of the snubber valve, with your fuel pressure sensor attached, into the service port located on your aftermarket fuel pump.
    - **Note:** If the service port is not threaded to 1/8<sup>th</sup> NPT-27 an additional adapter will be required.
    - **Note:** Be sure to use Teflon tape on the threads to ensure a tight seal, and **do not** over tighten any of the fittings.
4. Cycle the key 6 times to prime the fuel system.

