

## Fuel Pressure Snubber Valve

The Snubber Valve regulates, normalizes and eliminates fuel pressure spikes that are present during the initial ignition and startup of your Dodge Ram with a Cummins Diesel Engine. The Snubber Valve manages these high pressure spikes by using a natural stone. 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 1/8-27 NPT male threads of the fuel pressure sensor into the female end of the snubber valve and tighten using 18mm and 22mm wrenches.
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.
- Make sure to place one of the new crush washers on the male threads of the Banjo Snubber Valve. Slide into the banjo fitting and place the second new crush washer on the male threads and tighten to 18 ft lbs.

**Note:** Be sure to use Teflon tape on the threads to ensure a tight seal.

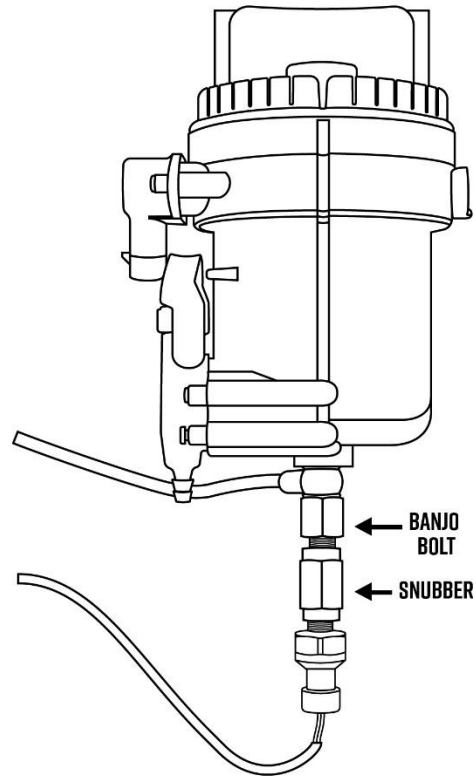
### Location 2: Aftermarket Fuel Pump

- Connect the male end of the snubber valve, with your fuel pressure sensor attached, into the service port located on your aftermarket fuel pump and tighten to 18 ft lbs.

**Note:** If the service port is not threaded to 1/8-27 NPT an additional adapter will be required.

**Note:** Be sure to use Teflon tape on the threads to ensure a tight seal.

4. Place the sensor harness into the sensor and run to the gauge location, making sure that the wire is secure from moving parts and heat.
5. Cycle the key 6 times to prime the fuel system.
6. Start the vehicle and check for leaks.



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