

## Fuel Pressure 12V Banjo Snubber Valve Combo

The Banjo Snubber Valve regulates, normalizes and eliminates fuel pressure spikes that are present during the initial ignition and startup of your '94 – '98 Dodge Ram with a Cummins Diesel Engine which is utilizing the factory fuel filter housing. 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. Be sure to have a drain pan in place in order to catch any lost fuel. Open the drain valve to allow the fuel bowl to drain.
2. Using a 19mm wrench, remove the factory Banjo Bolt from the injection pump fuel supply line. Remove both crush washers from the Banjo fitting.
3. Screw the 1/8-27 NPT male threads of the fuel pressure sensor into the female end of the Banjo Snubber Valve and tighten using a 19mm and 22mm wrenches.
4. 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.
5. Thread the assembly into the injection pump and tighten to 18 ft lbs.
6. 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.
7. Loosen the bleed bolt using a 10mm wrench located on the fuel filter housing. Press the primer button on the lift pump until fuel comes out of the bleed bolt and then tighten to 6 ft lbs
8. Start the vehicle and check for leaks.

