



NOS PRESSURE GAUGE P/N 15902NOS & 15908NOS

P/N A5098-SNOS INSTRUCTIONS

INTRODUCTION:

NOS fuel pressure gauges P/N 15902NOS, 15902BNOS, 15908NOS, & 15908BNOS are designed to be used as a tuning aid for the serious racer. Accurate and consistent performance of your nitrous oxide injection system requires a stable fuel supply. Use of this gauge will allow you to monitor the performance of your fuel system to achieve this goal.

15902NOS series gauges are intended for low-pressure carbureted applications (0-15 psig) and designed to be placed outside of the vehicle cockpit. 15908NOS series gauges are intended for high-pressure port fuel injected applications (40-100 psig) and designed to be mounted outside of the vehicle cockpit. If you want to mount the pressure gauge inside the vehicle, the 15903NOS series gauges (with an isolator) must be used. These are intended for low-pressure carbureted applications (0-15 psig).

Note that some late model vehicles use electronic fuel pressure sensors to provide input to the vehicle's computer for control of the engine's functions. If you are unsure whether your vehicle features this type of sensor, check with your automotive dealer to ensure that no critical functions are disrupted. Regardless, it is wise to install a TEE fitting, so that both the factory fuel pressure sensor/warning light and your NOS gauge are functional.

INSTALLATION:

WARNING: This gauge is intended to be mounted outside the vehicle's interior, such as on the windshield cowling. You will use the NOS mounting cup kit P/N 15922NOS (Chrome) or 15923NOS (Black); or in a flat mounting panel, such as NOS P/N 15926NOS (Single gauge), 15927NOS (Two gauges), or 15928NOS (Three gauges). This is necessary to isolate gasoline and gasoline fumes from the driver's compartment, should the gauge feed line rupture or the gauge fitting leak. If you want to mount the gauge in the interior of the vehicle, you must use a fuel pressure gauge with an isolator, such as NOS series 15903NOS (0-15 psig).

Installation of these gauges requires the use of a 4AN gauge supply hose (available in two lengths from NOS—refer to Table 2 for length and P/N information).

1. Select the mounting location for the fuel pressure gauge (1).
2. If the gauge is to be mounted in a flat panel, bore a 2 5/8" diameter hole in the panel. If the gauge is to be mounted with an NOS cup kit, install the kit per the installation sheet.
3. Apply Teflon paste to the pipe threads on the back of the fuel pressure gauge.
4. Install a straight 1/8 NPT female x 4AN male fitting (2) on the fuel pressure gauge inlet port.

NOTE: NOS recommends that you apply Teflon paste to all pipe thread connections. **Do not use Teflon tape.** Tape fragments can become lodged in critical orifices.

Table 1 Parts List

Item	Description	Quantity
(1)	Fuel Pressure Gauge	1
(2)	1/8 NPT (Female) x 4AN (Male) Adapter	1
(3)	Attachment Bracket	1
(4)	Attachment Nut	2
(5)	Lock Washer	2

5. Remove the factory fuel pressure sending unit. Replace with the "TEE" fitting or NOS gauge adapter fitting (3).

NOTE: In applications where the fuel pressure to the nitrous system is to be monitored, use an NOS gauge adapter fitting (P/N 16770 where a 4AN hose is to be used to supply fuel to the fuel solenoid, or P/N 16771 when a 6AN fuel supply hose is used). Place the fitting at the solenoid inlet port, in conjunction with the NOS gauge adapter fitting (3).

6. Select the route for a 4AN gauge supply that will run from the fuel pressure gauge to the fuel pressure port. Determine the length of the line, as necessary. Refer to Table 2 for the length and P/N information.

IMPORTANT: Do not use copper or nylon tubing for the gauge supply hose and compression fittings.

7. Drill clearance holes for a 4AN supply hose, where required.

NOTE: NOS recommends that you use rubber grommets on clearance holes, wherever the supply hose passes through sheet metal.

8. Route the supply hose from the gauge adapter fitting to the fuel pressure gauge.
9. Connect the supply hose to the fuel pressure gauge.
10. Install the gauge in the cup or mounting hole.
11. Connect the supply hose to the fuel pressure gauge adapter fitting.

WIRING:

1. Connect the black wire from the back of the gauge to the ground.
2. Connect the white wire from the back of the gauge to an ignition switched +12V wire.

Table 2 NOS 4AN Fuel Pressure Gauge Supply Hoses

Length	NOS P/N
2 ft.	15231NOS
3 ft.	15241NOS

NOTE: Custom length hoses are available on a special order basis from NOS Technical Support (1-866-GOHOLLEY).

Figure 1A—System Assembly Drawing/Wiring Diagram (For Monitoring Engine Fuel Pressure)

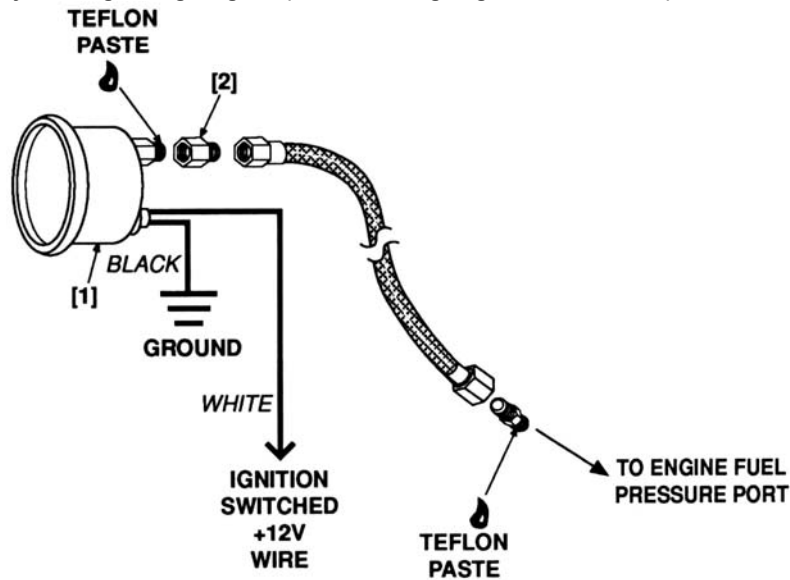
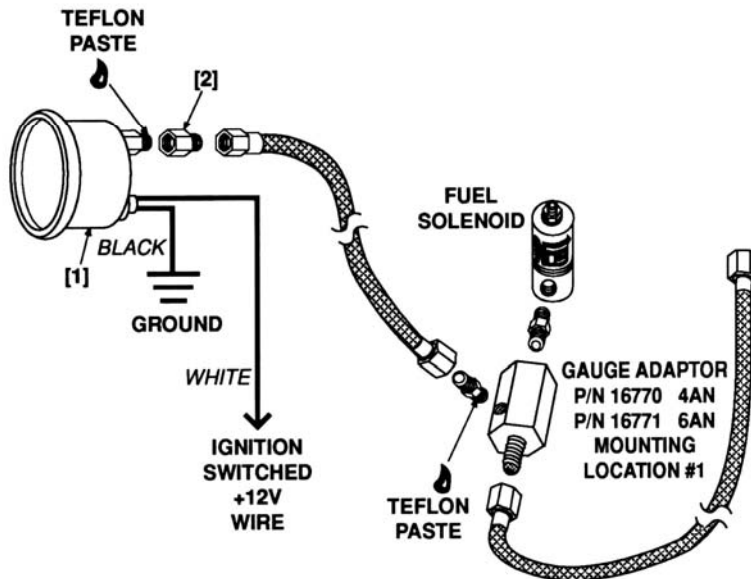


Figure 1B—System Assembly Drawing/Wiring Diagram (For Monitoring Nitrous System Fuel Pressure)



NOS Technical Service

Phone: 1-866-GOHOLLEY Fax: 1-270-781-9772

For online help, please check the Tech Service section of our website: www.holley.com

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