



# FUEL PRESSURE SAFETY SWITCH INSTALLATION

15660NOS, 15680NOS, 15685NOS, 15686NOS, and 15750NOS

## INSTRUCTION P/N A5089-SNOS

### INTRODUCTION

The Nitrous Oxide System fuel pressure safety switch is a system enhancement designed to "deactivate" the nitrous system if the fuel pressure to the system falls below a desired minimum level. It is fully adjustable.

### INSTALLATION

Mounting of the switch is accomplished using simple hand tools. Install a "Tee" fitting (1/8 NPT for switch) into the fuel line at a convenient location between the fuel pump and the NOS fuel solenoid. The preferred location is the "p" or the "IN" port (See illustration). Securely tighten the switch into the "Tee" fitting, then remove both solenoid ground wires and connect them to one of the screw connectors on the switch. Connect a wire from the other screw connector to a good chassis ground.

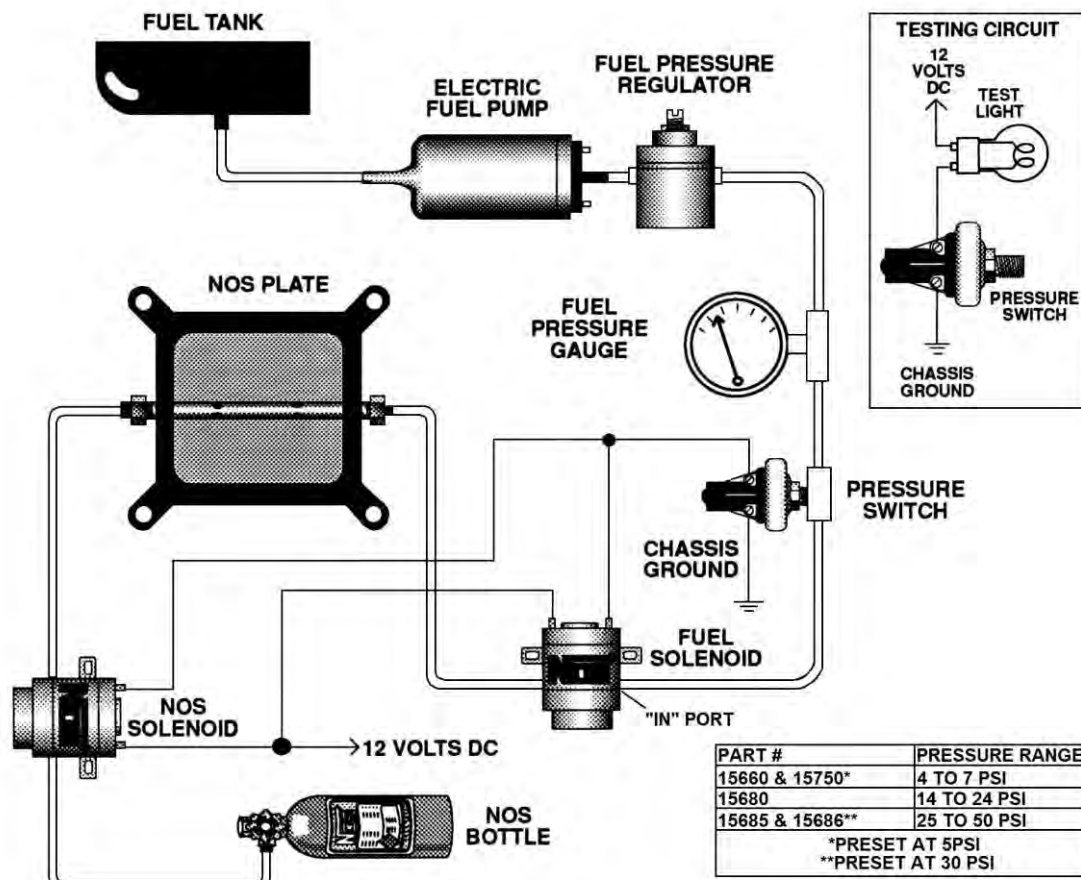
### SWITCH ADJUSTMENT

To set (or check) the pressure at which the switch activates:

Disconnect the lead from the pressure switch which runs to the solenoids. Connect one lead from a test light to a 12V power source. Connect the remaining test light lead to the open terminal on the pressure switch (See diagram).

Apply pressure from a regulated fuel source at the pressure level you desire the switch to activate at, to the inlet port on the switch.

Remove the rubber plug from the center of the switch. Gently turn the set screw (with a 7/32" Allen wrench) clockwise until the test light goes out. Slowly turn the set screw counter-clockwise until the light is illuminated. Replace the rubber plug.



**NOTE:** This schematic is for a nitrous system that draws no more than 10 amps. If this switch is to be used with a system that draws more than 10 amps, a relay must be used.

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