



3010 WEST POST ROAD | LAS VEGAS | NV 89118
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AIR-ZENITH 220PSI Digital Air Pressure Gauge

- Resistance: 10 ~ 180 Ω
- Gauge Display: 0 to 220 PSI (factory default) or 0 to 15.2 BAR
- Resolution of Digital Display= 1 PSI or 0.1 BAR
- Resolution of the Analog LED Display= 11 PSI or 0.76 BAR
- **If the air pressure drops below 110 PSI or over 220 PSI for more than 3 seconds, Gauge will flash on and off as a warning.**
- When the Gauge is first powered up the LED's on the face will do a full test scan from RED → YELLOW → GREEN then back to verify all LED's are working.
- The digital readout will display your System Voltage for 60 seconds then go back to air pressure (see **Figure 2** to turn off factory default setting).

Installation Instruction

1. It is recommended to first disconnect vehicle battery and wear proper eye and hand protection before installation.
2. The gauge can be mounted in any 2 -1/16" (52mm) diameter hole with the mounting bracket supplied. The gauge can also be mounted in the Air-Zenith Mounting Plates or Air-Zenith Gauge Pods (sold separately).
3. Wire your Digital Air Pressure Gauge as follows:
 - YELLOW WIRE to Battery (+)
 - RED WIRE to 12V (+) Ignition Switch
 - BLACK WIRE to Pressure Sensor (M)
 - GREEN WIRE to Pressure Sensor (G)
4. Wire your Pressure Sensor as follows:
 - (G) – Connect to the GREEN WIRE from the Gauge
 - (M) – Connect to Chassis Ground (-)

NOTE: Pressure Sensor Ground Wire and Digital Gauge Ground Wire must be connected to the same ground (See Figure 3).

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Figure 1:

By adding an optional SPDT (Single Pole Double Through) switch in between 2 pressure sensors' GREEN wires, your single Air-Zenith Digital Pressure Gauge can read from two air sources.

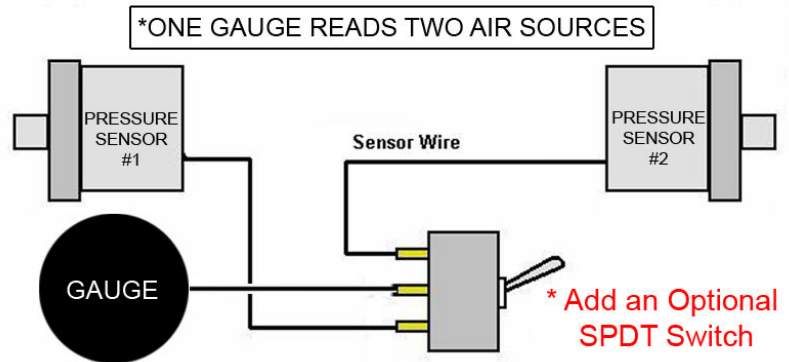


Figure 2:

PSI with Voltage

Jumper #1 Down
Jumper #2 UP

PSI without Voltage

Jumper #1 Down
Jumper #2 Down

BAR with Voltage

Jumper #1 Up
Jumper #2 Up

BAR without Voltage

Jumper #1 Up
Jumper #2 Down

*Jumper Setting (Factory Default #1-Down and #2-Up)



Figure 3:

Connect both Digital Gauge ground and Pressure Sensor ground wires to the same ground spot to avoid inaccurate pressure reading.

