



## AIR-ZENITH 220PSI (Single-PSI) Digital Air Pressure Gauge

- Resistance: 10 ~ 180  $\Omega$
- Gauge Display: 0 to 220-PSI (factory default setting), 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
- When the gauge is first turned on, the LED indicators will do a full test scan from RED  $\rightarrow$  YELLOW  $\rightarrow$  GREEN then back to verify all LED's are working.
- **When pressure is over 220-PSI for more than 3 seconds, gauge display will be flashing on and off as an overpressure warning alarm.**
- **When the gauge is first turned on it will check and display your system voltage for 30 seconds then back to air pressure.**
- **WARNING! Unplug wiring harness from the gauge before changing jumper setting to avoid damage to the circuit board (See Figure 1).**

### Installation Instructions

1. Disconnect vehicle battery and wear proper eye and hand protection.
2. The gauge can be mounted in 2 -1/16" (52mm) diameter hole with the supplied mounting bracket.
3. Wiring harness:
  - YELLOW wire to (+) Battery.
  - RED wire to 12V (+) Key Ignition.
  - BLACK wire to Pressure Sensor Sending Unit (M)-marking.
  - The other BLACK wire to Ground.
  - GREEN wire to Pressure Sensor Sending Unit (G)-marking.

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(Figure 1)

**WARNING! Unplug wiring harness from the gauge before changing jumper setting to avoid damage to the circuit board.**

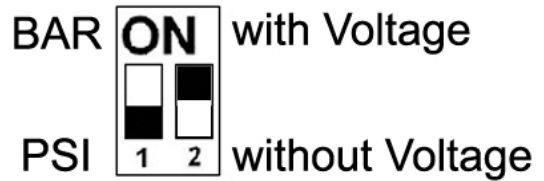
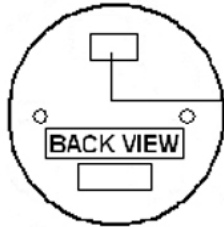
PSI with Voltage  
Jumper #1 Down  
Jumper #2 UP

PSI without Voltage  
Jumper #1 Down  
Jumper #2 Down

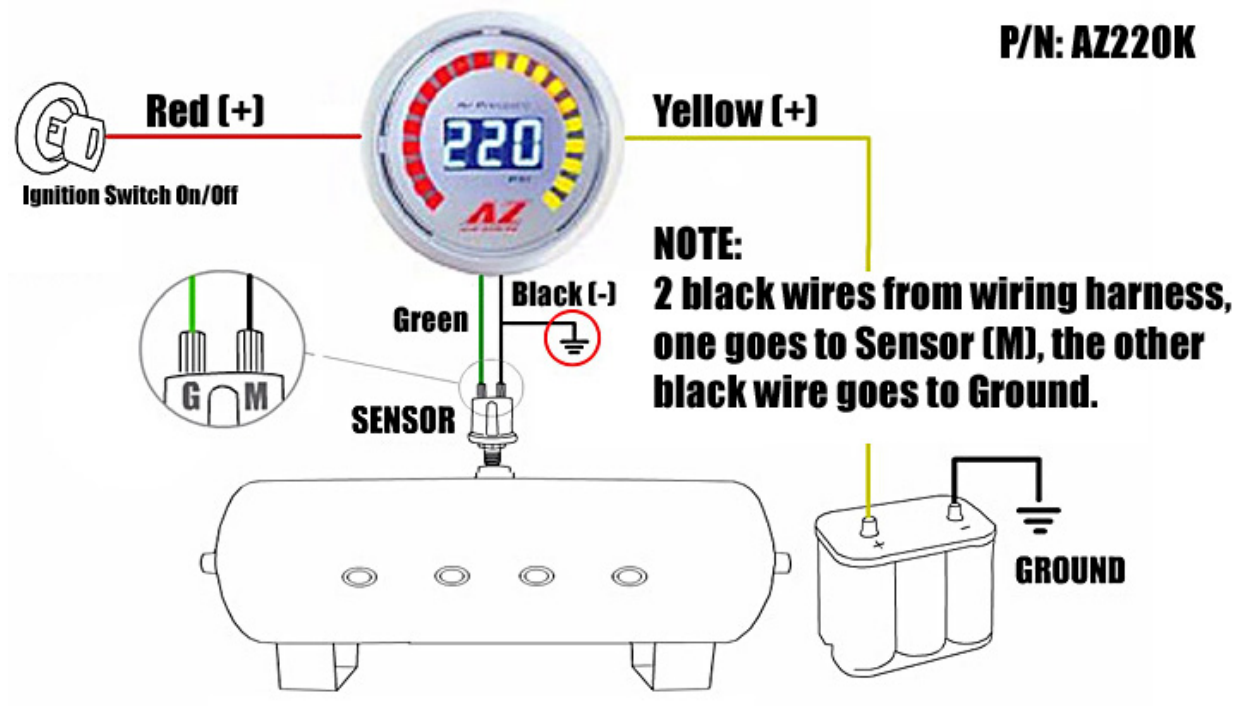
BAR with Voltage  
Jumper #1 Up  
Jumper #2 Up

BAR without Voltage  
Jumper #1 Up  
Jumper #2 Down

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



(Figure 2)



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