




# Intellitronix BG10001 Universal 5.5 Gauge Bargraph Dash Panel Installation Guide

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## Intellitronix BG10001 Universal 5.5 Gauge Bargraph Dash Panel



Thank you for purchasing this instrument panel from Intellitronix. We value our customers!

Always disconnect the battery before attempting any electrical work on your vehicle.

## KIT COMPONENTS

- One (1) LED Bargraph Circuit Board with Speedo/Tach combination gauge, plus temperature, fuel, oil pressure, and voltmeter.
- One (1) Smoked Acrylic Lens
  - \* Peel off the protective covering from both sides of each lens
- One (1) Temperature Sending Unit (S8013)
  - \* 1/8" NPT, 0-255 Deg., 1/2" NPT Bushing
- One (1) Pressure Sending Unit (S8434)
  - \* 1/8" NPT, 0-100 PSI Oil Pressure
- One (1) Universal Speedometer Sensor (S9013)
  - \* 7/8" NPT Industry Standard threads
- One (1) Mounting Kit

## WIRING INSTRUCTIONS


**Note:** Automotive circuit connectors are the preferred method of connecting wires. However, you may solder if you prefer.

**Ground – Black** This is the main ground for the display system. A wire should be run from this board to the vehicle's main engine block ground. Use 18 AWG or larger wire to ensure sufficient grounding. Proper vehicle grounding is extremely important for any gauges (or electronics) to operate correctly. The engine block should have heavy ground cables to the battery, frame, and firewall. Failure to properly ground the engine block, senders, or digital dash can cause incorrect or erratic operation.

**Power – Red** Connect the power terminal to accessory +12V power from the fuse panel or vehicle wiring harness. This terminal should have power when the key is on or in the accessory position. Use an 18 AWG wire to ensure the system receives a sufficient power feed. This connection also feeds the voltmeter.

1 – BG10001 Intellitronix (rev. 06/2018) [www.intellitronix.com](http://www.intellitronix.com)

## Documents / Resources

 <p>Made in America</p> <p>Intellitronix</p> <p>INSTALLATION GUIDE</p> <p>Intellitronix BG10001 Universal 5.5 Gauge Bargraph Dash Panel</p>	<p><a href="#">Intellitronix BG10001 Universal 5.5 Gauge Bargraph Dash Panel</a> [pdf] Installation Guide</p> <p>BG10001 Universal 5.5 Gauge Bargraph Dash Panel, BG10001, Universal 5.5 Gauge Bargraph Dash Panel, Bargraph Dash Panel, Dash Panel, Panel</p>
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## References

- [Intellitronix | Automotive Gauges Shipping Worldwide](#)
- [Intellitronix | Automotive Gauges Shipping Worldwide](#)