

WB WIDEBAND



WB B2 DIGITAL VACUUM/BOOST DISPLAY GAUGE

Quick Start Guide

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www.Wide-Band.com

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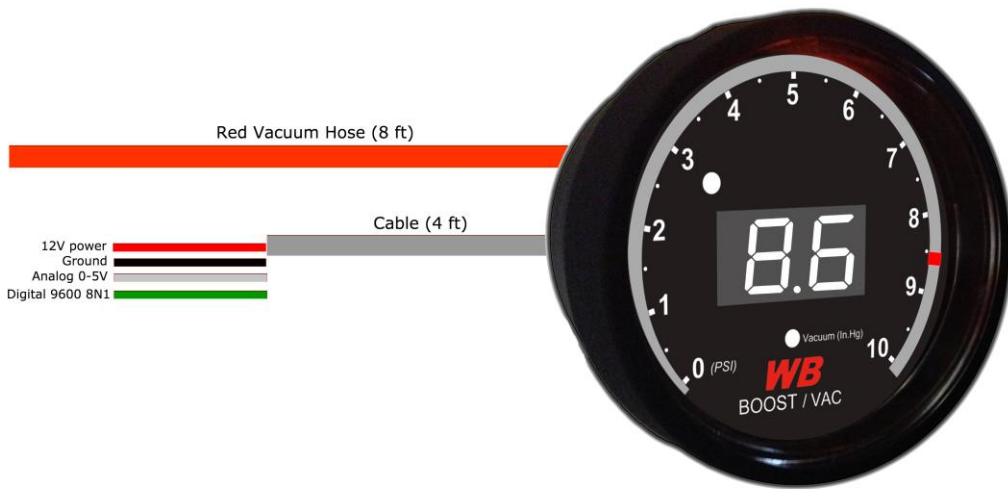
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WIRING

WB B2 has a 4ft output cable (4 cables / green-white-red-black).

Red power cable goes to a switched 12V source which comes ON when the ignition is ON. Please use a minimum 2A fuse with the connection. Only 50 mA is used on power.

Black cable goes to a grounded source such as battery ground post.

Green **digital** output is 9600 8N1 serial that can be connected to your PC.

If you want to connect other devices such as EMS and data loggers, you can use white **analog** cable for 0-5V output. Lower and upper limits are 0 PSIA and 80 PSIA (0V = 0 PSIA, 5V = 80 PSIA)

The cable and the vacuum hose (8ft) should be routed in a way so that there would not be any contact extreme heat sources to prevent damage.

PROGRAMMING

Power up LED display sequence:

- 1 - **Range** (Default 30 PSI / 10/ 60)
- 2 - **Over Boost Warning Limit** (Default 18 PSI/ Range 1-60 PSI)
- 3 - **PSI or 4 - BAR selection** (1 PSI / 0 BAR)

You can cycle the menu from 1 to 4 by pressing and depressing the button. Select the menu item you want to modify by pressing the button.

- 1 - Set the RANGE (cycles 10, 30, 60) by pressing the button
- 2 - Set Over Boost Warning Limit (cycles from 1 to 60) by pressing the button
- 3 - Set for PSI mode
- 4 - Set for BAR mode

When the Over Boost Warning Limit is reached all RED LEDs will flash

CALIBRATION

Turn it on while you hold the switch at the back and release afterwards.

