Welcome to our universal installation guide for all P3 Analog Gauges. For installing the display into the vent housing, please reference our additional installation instructions at www.p3gauges.com/analog-install.

**KIT CONTENTS**

- Boost Tubing
- Display
- Analog Control Box
- Scotchlok Connectors
- Main Harness
- Analog Boost Sensor
- Power Harness
- Zip Ties

**WARRANTY & LIABILITY:**
Neither P3 Cars, nor its dealers or agents shall be liable in any way, for any damage, loss, injury or other claims, resulting from the installation or use of this product. By purchasing or installing this product, you assume all liability of any kind connected with the use and/or application of this product. If you are unsure that you can safely install and use this product, consult a qualified installer or mechanic. The warranty on this product covers only the product itself for a period of 6 months from the date of purchase, and it will be at our discretion to repair or replace the affected parts. No user serviceable parts inside. Warranty will be voided if product shows physical damage.

**1. CONNECT TO POWER AND GROUND:**

**CONSTANT POWER SOURCE (DEFAULT)**
Connect the red wire to constant power source.
Connect the black wire to chassis ground (OBD2 port recommended for convenience)

**SWITCHED POWER SOURCE (PCo.S)**
Connect the red wire to switched power source.
Change power control setting to “PCo.S”

**2. CONNECT COMPONENTS:**

- Plug Power Harness into Main Harness
- Plug Main Harness into Analog Box
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### Connect Tubing to Vacuum Source:
**Locate Suitable Boost Reference**
If there is not an available vacuum port you will need to supply the appropriate fitting or boost tap. (EA888 tap for VW Mk7 shown)

### Route Tubing to Analog Sensor:
**Route Tubing from Vacuum Source to Analog Boost Sensor**
Avoid any hot or moving components. Avoid kinking, or pinching of the tubing.
Pass tubing through firewall using suitable grommet.

### Connect Analog Sensor to Tubing:
**Use Supplied Zip Ties to Secure Hose on Tubing and Tap**
Super glue can also be applied in high boost applications.

### Test Functionality:
**Before Installing Display**
Plug display cable into analog box and start engine to test gauge functionality.
If gauge does not start up with engine, go to troubleshooting checklist at bottom of install.
Please download the latest copy of this document from www.p3gauges.com/install

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7 LOOK UP DISPLAY INSTALL GUIDE:
REFERENCE VEHICLE/VENT INSTALL GUIDES
Go to p3gauges.com/analog-install/ to find the correct install guides for your vehicle.
If you purchased your gauge in an OEM vent you can skip the vent install guide.

8 INSTALL DISPLAY INTO VEHICLE:
PLUG DISPLAY CABLE INTO ANALOG BOX
Avoid steering column and pedals when routing and securing wiring and components.

NOW YOU ARE READY TO ENJOY YOUR P3 ANALOG GAUGE!