Product Name: Electrical Boost Gauge
Product Description: Electrical Boost Gauge 0 to 30 PSI
Product Number: TS-0701-1011

IMPORTANT NOTES:

- Please thoroughly read and understand these instructions before commencing this installation.

RECOMMENDATIONS

- Turbosmart recommends that your Gauge is fitted and adjusted by an appropriately qualified technician
- Gauge mount cup (TS-0101-2024) Sold separately

HOW TO INSTALL YOUR BOOST GAUGE

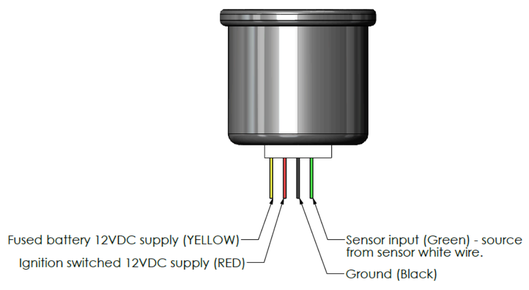
Boost Pressure Signal

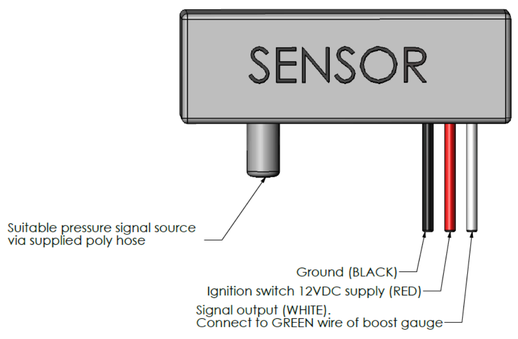
- The boost gauge requires a suitable signal post turbocharger to read positive pressure.
- Route the supplied poly-hose from the sensor to signal source.
- As this sensor is only 0-30psi, it will only read positive pressure, even if placed at the manifold.
- Ensure the poly-tube is pressed all the way onto the barbs.
- If the sensor is mounted inside the engine bay, ensure that it is placed at a location away from any significant heat source.

Wiring

- Both of the boost gauge and sensor must be connected to the vehicle's ground (chassis or earth).
- Soldering or crimp on electrical connectors must be used on all electrical connections.
- Unused wires must be insulated with electrical tape in order to prevent unwanted electrical connections.
- Follow safe electrical operating practice.
- Refer to the table and diagrams below for further details

Component	Wire	Connect to
Gauge	Yellow	Fused +12VDC battery supply
Gauge	Red	Ignition switched +12VDC supply
Gauge	Black	Ground (Vehicle chassis or earth)
Gauge	Green	Sensor output (white wire from sensor)
Sensor	Red	Ignition switched +12VDC supply
Sensor	Black	Ground (Vehicle chassis or earth)
Sensor	White	Gauge sensor input (green wire from boost gauge)





Operation & Troubleshooting

- Once the electrical connections and sensor connection are completed, turn the car key to "on" position. The boost gauge will illuminate and the needle will be positioned at "0".
- Start the car and check for any leaks.
- The needle position will change relative to pressure. If the needle does not move relative to boost pressure, ensure that all electrical connections are correct and that the pressure signal is connected correctly.
- If the display does not illuminate, ensure that the gauge electrical connections are correct.
- If the display illumination/operation is not switched with ignition, ensure that the red wire is connected to an ignition switched source not a constant +12VDC source.
- If the display needle is erratic, ensure that all electrical connections to the sensor are correct. Also ensure that the signal hose has no leaks, kinks or splits.

The Turbosmart Pledge

TURBOSMART
ONE YEAR LIMITED WARRANTY

Turbosmart is a company built on Customer Satisfaction and Service. That is why all of our products go through regimented test procedures before they are packaged and shipped. Turbosmart stands behind its products for one full year after purchase. Terms of Warranty, Service and Returns are as follows:

Limited Warranty: Turbosmart warrants its products to be free from defects in material and workmanship under normal use and if properly installed for a period of one year from date of purchase. If found to be defective, it will be replaced or repaired if returned prepaid along with proof of date of purchase. This shall constitute the sole remedy of the purchaser and the sole liability of Turbosmart to the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representations whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall Turbosmart be liable for special or consequential damages. This warranty is only valid on products purchased from Turbosmart Authorized Dealers.

Service: After the warranty period has expired, repair service is charged based on a minimum and maximum charge rate. (Contact Customer Service for current rate).

Returns: When returning a Turbosmart product for repair, it must be accompanied by a completed Customer Warranty Form and RMA number. To access this form please go to our website www.turbosmartonline.com and you will find it on the Downloads page.

THE TURBOSMART PLEDGE

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We sometimes make mistakes, as do our dealers, distributors and suppliers. Even customers can sometimes order the wrong parts. Do not use, modify, install, trial assemble, nick, drop, scratch or adjust any part until you first check for any damage. Damage must be reported immediately. NO EXCEPTIONS. If there are any components missing please contact your authorized reseller immediately upon receipt of your shipment. Missing components must be reported within five (5) business days of receipt. Parts returned for any reason MUST BE IN RESALABLE CONDITION. It is YOUR responsibility, "THE CUSTOMER" to carefully package any returns to avoid shipping damage. Insurance is highly recommended. Credit cannot be issued for damaged goods.

Turbosmart warranties the quality of the products it designs and manufactures to be free of defects in material and workmanship. This limited warranty is extended only to the original purchaser and may not be transferred or assigned. This limited warranty applies to any product, which after careful inspection by Turbosmart, after receipt of the product from our authorized reseller, is found to have a defect in either material or workmanship. Any modifications to the product will void any and all warranties and will not be exchanged. Before installation, check new car warranty. Turbosmart is not responsible for voiding any original manufactures warranty.

All warranty claims must be returned to the nearest Turbosmart Office, you must return the product and sales receipt, at your own expense, accompanied by the Customer Warranty Form stating the reason for the claim. Proof of purchase must be provided with any warranty claim and will be verified with the authorized reseller from which the product was purchased.

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Happy motoring!
The Turbosmart Team.