

Product Name: Electrical Transmission Temperature Gauge
Product Description: Electrical Transmission Temperature Gauge
100 to 280 DEG F
Product Number: TS-0701-3011



IMPORTANT NOTES:

- Please thoroughly read and understand these instructions before commencing this installation.
- Ensure that the vehicle is cold prior to commencement of installation.

RECOMMENDATIONS

- Turbosmart recommends that your Gauge is fitted and adjusted by an appropriately qualified technician
 - Gauge mount cup (TS-0101-2024) Sold separately
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HOW TO INSTALL YOUR TRANSMISSION TEMPERATURE GAUGE

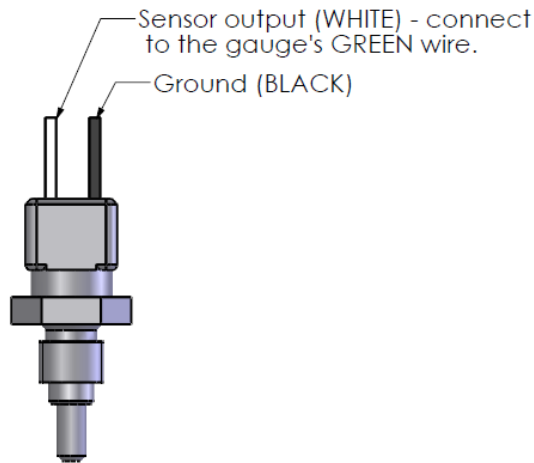
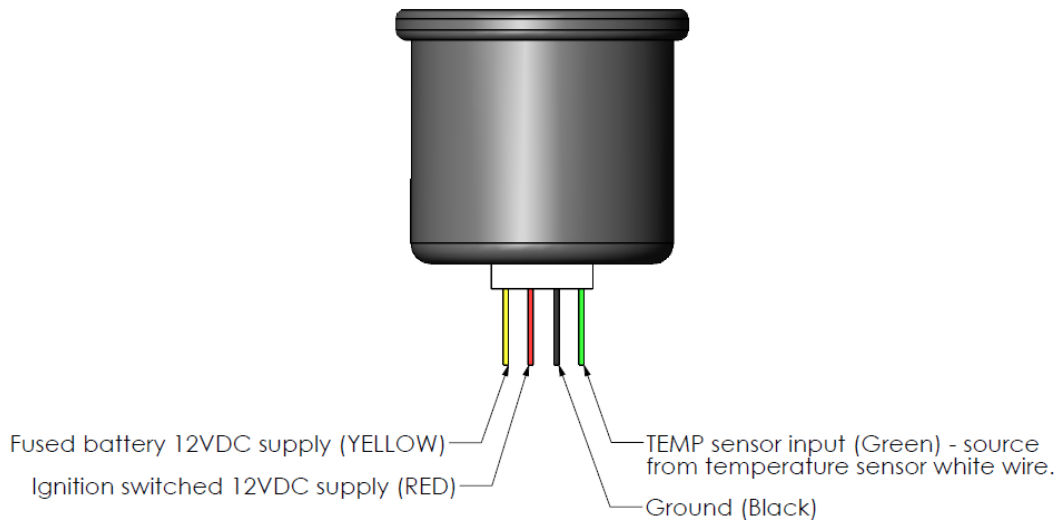
Transmission Temperature Sensor

- The transmission temperature gauge requires a reliable temperature signal from the transmission system to provide the most accurate temperature feedback.
- After deciding the location of the sensor, drill an 8.70mm diameter hole. Use a 1/8 NPT tap to thread the hole in order to install the sensor included.
- Apply thread sealant on the temperature sensor threads prior to installation.
- Be sure not to over tighten the temperature sensor as it may cause sensor failure or thread damage.

Wiring

- Both of the transmission temperature gauge and temperature 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	TEMP sensor output (white wire from TEMP sensor)
TEMP Sensor	Black	Ground (Vehicle chassis or earth)
TEMP Sensor	White	Gauge sensor input (green wire from TEMP gauge)



Operation & Troubleshooting

- Once the electrical connections and TEMP sensor installation are completed, turn the car key to "on" position. The transmission temperature gauge will illuminate and the needle will be positioned at a temperature reading.
- Start the car and check for any leaks.
- The needle position will change relative to the transmission oil temperature. If the needle does not move relative to the transmission oil temperature, ensure that all electrical connections are correct and that the TEMP sensor is installed correctly as per instructions above.
- Monitor the gauge reading against the operating conditions of the engine. The temperature should be at a minimum during cold start then slowly increase and remain at a normal operating temperature.
- 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 TEMP sensor are correct.

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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Turbosmart warrants 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.

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Happy motoring!
The Turbosmart Team.