

ALBA RACING XP1000 Belt Temp Gauge Install

1. **Mounting:** Start by determining where you would like to mount the gauge in the dash. Please note how the gauge gets secured to the dash and ensure that you have clearance behind the panel that you plan to drill.
2. Once you have determined the location of your gauge use a 2"- 2-1/16th circle whole bit to create the hole to install the gauge.
3. Using the supplied lock nut secure the gauge in your dash.

Wiring:

Red: 12v switched power

White: Lighting 12v power

Black: Ground

Since Polaris does not have a dedicated lighting source you will have to combine your white lighting source wire with the red 12v switched power. The easiest place to pull power for these is through the 12v outlet on the dash. The 12v outlet has 2 wires coming off of it.

Orange/white stripe: 12v power

Brown/white stripe: Ground

12v outlet on dash



4. Now that you have the gauge mounted and the power and ground wired let's address the sending unit.
5. Remove the exhaust duct from the clutch housing. It will be the short tube with the metal grate that routes towards the exhaust header.
6. Once removed use a 7/16" drill bit to drill a hole to install the temperature sending unit. We prefer to do this on the inside of the pipe closest to the motor to protect the sender.
7. Install the sender with the large washer to protect the rubber duct and make sure to install the large eyed ground wire on the sender.

It should look like this:



HOW TO READ YOUR BELT TEMPERATURE GAUGE:

1. **The cooler your belt runs the longer it will last. Overheating is the cause of 99% of all belt failures. Your gauge will tell you where you need to be to keep your belt alive.**

2. Optimal operating temperature range is 120 degrees to 160 degrees (Fahrenheit) which is in the black area on your gauge. The idea is to keep your belt as cool as possible. The hotter it gets the weaker it becomes. This gauge is a tool. Use it to learn what creates the heat and alter your driving style. If your belt is dangerously hot learn how to cool it down.

If you have any questions call Alba Racing at 619-5662-0188.

