



USER MANUAL

RAZORBACK TECHNOLOGY



USER MANUAL

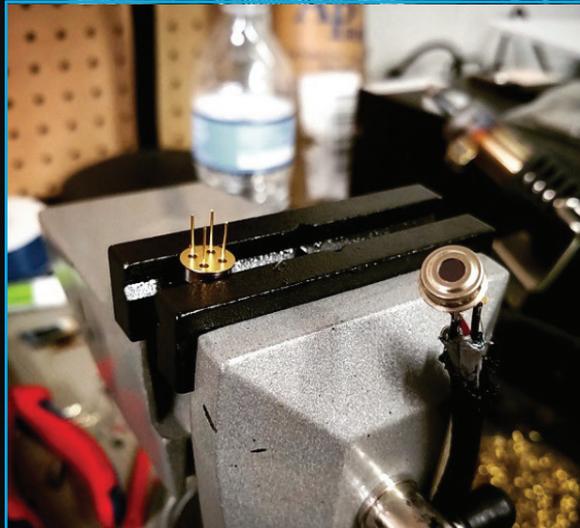
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PRODUCT OVERVIEW

Your Razorback Technology gauge has been programmed to alert you when your belt reaches certain temperatures as you ride. For maximum belt life, be cautious of temperatures higher than 200-210° F. At temperatures beyond this point, heat will begin to damage your belt and reduce its use-life.

Keep in mind that not only is belt temperature important in minimizing risk of possible heat damage, but the time spent riding at that temperature also matters.

Our 1.0 gauges have been programmed to screen flash at 235° F and rapidly screen flash at 270° F, as they do not have the LED alerts that our 2.0 and 3.0 gauges have.

LED ALERTS AND WHAT THEY MEAN:

Green - Belt Temp is below 200° F (90° C)

Yellow - Temp is between 200° and 225° F (90°-107° C)

Red - Temp is between 225° and 245° F (107° - 118° C)

Red Strobe - Temp is between 245° and 260° F (118° - 127° C)

Fast Red Strobe - Temp is over 260° F (127° C)

If your belt does reach a temperature that can damage it, do not shut the engine off! The clutches are very hot and can “bake” the belt as they clamp down. The best way to allow your belt to cool is by driving at a reduced pace on flat ground or revving in neutral.

Serial Number:

Assembled By:

Register Your New Gauge At: RazorbackUSA.com/warranty

Warranty will void if you open or attempt to open your gauge.

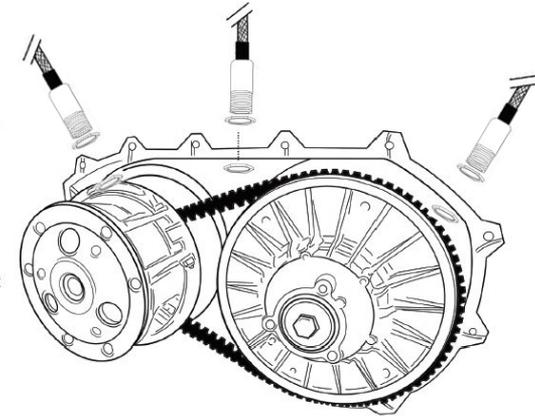
INSTALLATION GUIDE

TOOLS NEEDED:

1/2" Drill Bit & Drill
Blue Loctite
Wire Strippers
Volt Meter

STEP 1: Remove all necessary seats and shrouds to gain access to the clutch cover.

STEP 2: Remove the clutch cover and drill a 1/2" hole into the cover directly above where the CVT belt would be. This hole should be perpendicular (90 degrees) to the surface of the belt. Avoid mounting the sensor in a way that would make it "look up" at the belt to prevent dust from collecting on the surface of the sensor. Also, keep in mind that mounting the sensor near a CVT intake or exhaust port may affect the accuracy of your belt temperature readings.



For Polaris RZR owners, we recommend placing the sensor at the 3-4 o'clock position on the secondary half of the removable clutch cover. This location allows you to avoid having to drill through metal, and offers a direct view of the belt's surface.

If there is metal on the clutch cover where you have chosen to mount your sensor, please insulate the sensor housing and the locknuts anywhere they might contact metal using some electrical tape or teflon tape.

STEP 3: Use the locknuts to secure the sensor in the 1/2" hole. Use Loctite® on the nuts to keep them secure.

STEP 4: Run the sensor wiring harness to where you would like your gauge to be mounted, avoiding ignition coils, spark plugs, or relays. Do not ziptie the wiring to any existing wiring, as this may interfere with gauge operation.

STEP 5: Wire the red power wire to an Ignition - 12V Source. Wire the black power wire to a Ground Source.

STEP 6: Mount the gauge in a suitable place and connect the sensor wiring harness to the gauge pod.

STEP 7: When mounting the gauge, be careful to not overtighten the C-Bracket or Knurled Ring. You can always use Blue Loctite® to keep things secure.

**IF YOU HAVE ANY QUESTIONS DURING
INSTALLATION, PLEASE CALL US AT
888-525-2858 OR
EMAIL: CONTACT@RAZORBACKUSA.COM**

FREQUENTLY ASKED QUESTIONS

QUESTION: Where is the best place to mount the sensor?

ANSWER: The sensor should be mounted above the belt, perpendicular to the belt's surface. Avoid mounting the sensor in any metal, or insulate the sensor if the metal is unavoidable. Also try to avoid placing the sensor near any intakes or exhaust ports, as they will skew temperature readings.

QUESTION: My gauge's display shows "899" or "err", what should I do?

ANSWER: These error messages indicate that there is an issue prohibiting normal gauge/sensor operation. Please email us at Support@RazorbackUSA.com, call 888-525-2858, or submit a warranty claim on our website to have us walk you through what to do.

QUESTION: What do the LED alerts on my gauge indicate?

ANSWER: If your gauge is equipped with LED alerts, we have programmed these alerts to warn you as the temperature of your belt reaches certain thresholds. These thresholds are as follows:

Green - Belt Temp is below 200° F (90° C)

Yellow - Temp is between 200° and 225° F (90°-107° C)

Red - Temp is between 225° and 245° F (107° - 118° C)

Red Strobe - Temp is between 245° and 260° F (118° - 127° C)

Fast Red Strobe - Temp is over 260° F (127° C)

WARRANTY INFO

Your Razorback Technology Belt Temp Gauge is covered by a 1 year warranty. To activate this warranty, please register your gauge at RazorbackUSA.com/warranty.

During this 12 month warranty period, your gauge is covered from faulty parts, manufacture, or workmanship. For a full breakdown of what the warranty does and does not cover please refer to the warranty page on our website.

If you experience any issues with your gauge, please submit a warranty claim at RazorbackUSA.com/warranty-claim. Once we receive and review your claim, we'll contact you to discuss how to proceed.

Please email all questions or comments about our warranty program to Contact@RazorbackUSA.com or give us a call at 888-525-2858.

Thanks!



RAZORBACK TECHNOLOGY

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