



!! READ INSTRUCTIONS BEFORE CUTTING ANY WIRES!

The OTB-CAT-09-18 is intended to repair and upgrade broken coolant temperature sensor wiring on 2009-2018 Arctic Cat models that use a 2 pin connector.

Tools Required:

1. Wire cutters
2. Wire strippers
3. 16-20 AWG crimping pliers
4. Heat gun or hair dryer
5. Basic hand tools
6. Cable ties

Installation Instructions:

1. Remove any body components and brackets to gain access to the coolant temperature sensor.
2. Unplug the connector and fill in the wiring connection chart. The front side of the connector has two notches and it is the left terminal looking at the connector face. This is pin 1. Write down the wire colors for pin 1 and pin 2.
 - A. Pin 1 wire color is: _____
 - B. Pin 2 wire color is: _____
3. Now that you have written down the factory wire colors you can cut the existing connector from the wiring harness. We recommend cutting the wire 1 inch away from the existing connector.
4. Next remove one quarter inch of insulation from each wire.
5. Now you will use the wiring connection chart that you wrote down in step 2.

Pin 1 wire color connects to RED.
Pin 2 wire color connects to BLACK.
6. Use the crimping pliers and crimp each connection according to the chart.
7. Once the connections are crimped use a heat gun and heat the butt splices until the glue can be seen protruding from the wire. Be careful not to overheat and melt the butt splices or wiring.
8. Slide the heat shrink tubing over the entire splice and use a heat gun to shrink the tubing on the splice.
9. Plug the newly repaired harness back in to the coolant temperature sensor and use the cable ties to tie off the harness to keep it away from any hot exhaust or moving components.

Reassemble body components and brackets.
10. Start vehicle and verify operation and drivability.

Disclaimer:

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