

# AIR TEMPERATURE KIT KIT P/N 2875949



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## Application

All IQ models except those with 600 HO Carb Engine

**Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.**

## This kit includes:

Qty.	Part Description	Part No.
1	Sensor-Gauge, Air Temp	2410443
1	Air Temp Sensor Jumper	2410820
1	Tape, Foam	5812682
3	Panduit Straps	7080138
1	Instructions, Snowmobile	9920695
1	Instructions, Victory	9923491

## You will need to supply:

Isopropyl Alcohol,                      Butane Lighter  
Torx 25 Bit                                Clean Cloths  
7/16" Open End Wrench      Paper Towels.

**IMPORTANT:** For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence as shown on the attached instructions.

## INSTALLATION INSTRUCTIONS

1. Open the hood and remove the two hood retaining cables.
2. Disconnect the hood wiring harness, and close the hood.
3. Remove the two hood hinge screws shown in Figure 1 and remove the hood. Account for the two bushings.
4. Open the radiator clean out lid and remove the four bumper screws located inside as shown in Figure 2.
5. Locate the air temperature connector (light gray) on the wire harness near hood hinge area.
6. Clean any moisture or visible particles in the connector.
7. In the area of the bumper shown in Figure 3, clean the area with a small amount of isopropyl alcohol, and allow the area to dry.

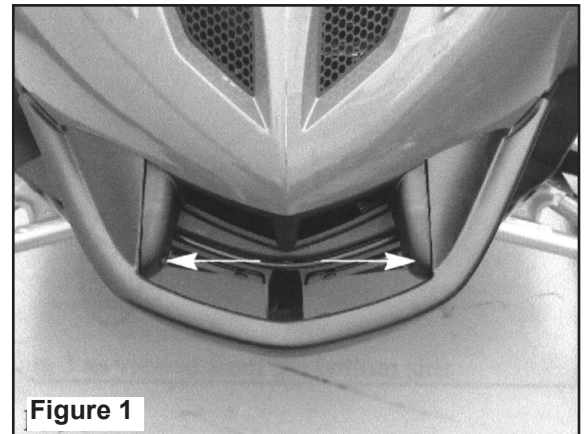


Figure 1

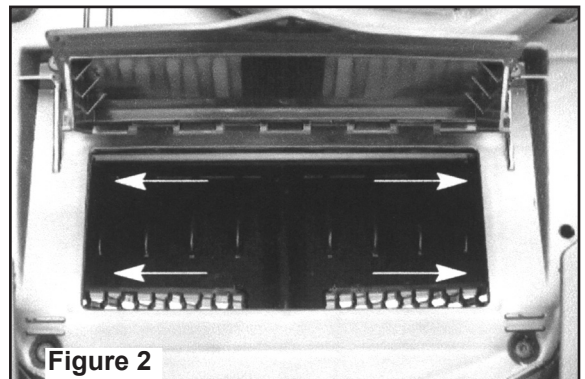


Figure 2

### **CAUTION**

Allow the alcohol to completely dry before proceeding to the next step.

8. Flame treat the area by being extremely cautious in order to prevent contact with flammable materials, use a lighter or other small flame to treat the area of application in the following manner: Touch the area to be treated with the tip of the flame briefly (less than one second total duration of contact).
9. Allow the area to cool.
10. Wipe the back (metal side) of the sensor with a clean dry cloth before putting on adhesive tape.
11. Remove backing material from one side of included adhesive tape. Place adhesive tape on metal side of the air temperature sensor.
12. Remove the backing material from opposite side of adhesive tape. Press adhesive tape and sensor firmly onto bumper in the location that was flame treated and hold tightly for 30 seconds.
13. Before operating the machine, allow the glue on the tape to cure for 24 hours in an environment that is between 60°F to 100°F (15°C to 37°C).
14. Route sensor wires alongside wire harness, and secure any extra length of sensor wire directly to the wire harness and as far away from the exhaust system as possible.
15. Push the connectors together firmly, making sure to orient them correctly before insertion.
16. Install bumper and torque screws to 24 to 30 in. lbs.
17. Replace the hood and make sure the fit is correct, then torque the screws to 30 to 36 in. lbs. Make sure that the bushings are installed.
18. Replace the hood retaining cables.
19. On Model Year '07 and later vehicles, a jumper harness will be necessary to connect the air temperature sensor connector to the hood harness. Connect the jumper to the air temperature sensor connector. Locate the two female connectors on the hood harness close to the hood hinge (one black wire, one brown wire). Using compressed air, blow any water and debris out of the connectors. Connect the two male terminals on the jumper harness to the female terminals on the hood harness, making sure to match the wires of the same color. Secure any extra length of jumper and sensor wire to the main hood harness with a panduit strap.
20. Close hood carefully and verify wires do not interfere with hood hinge operation.
21. Verify correct function of the altimeter sensor by following operation instructions shown in Owner's Manual.

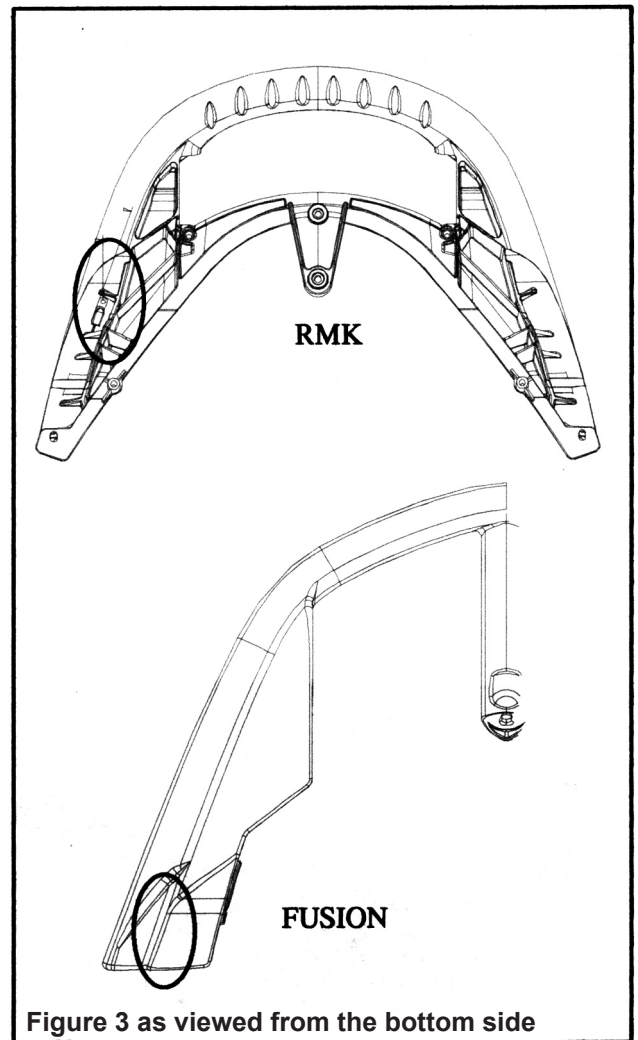


Figure 3 as viewed from the bottom side