

# VICTORY AIR TEMPERATURE KIT

## KIT P/N 2875949



### Application

2011 Victory Cross Roads™; Vegas®; Kingpin®; Hammer®; Jackpot™

**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	Clean Cloths
4 mm Allen Wrench	6 mm Allen Wrench
Wire Cutter	

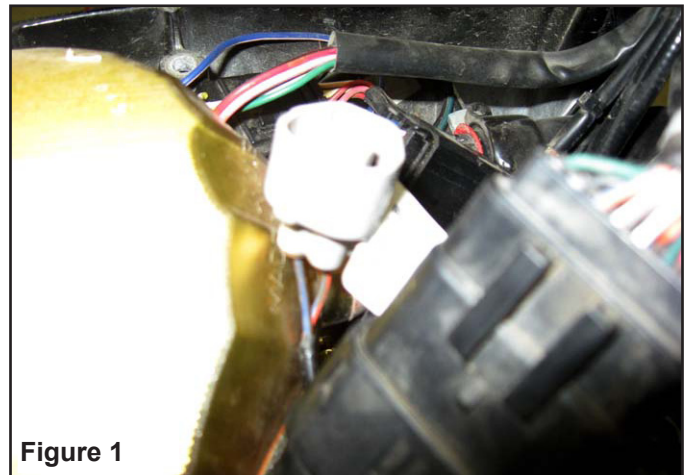
**IMPORTANT:** For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

## INSTALLATION INSTRUCTIONS

1. Make sure vehicle is supported securely before starting.
2. Disconnect the negative battery cable.
3. Remove windshield if installed. A 6 mm Allen wrench will be needed for this in the Cross Roads.
4. Remove the four screws holding the headlight bucket lid on with a 4 mm Allen wrench.

### Cross Roads Wire Connection and Routing:

5. Locate the gray 2-position connector in the headlight bucket. Figure 1.
6. Once connector is located, connect the air temperature sensor to the vehicle wire harness. Figure 2. The jumper will not be used in this application.



7. Starting inside the headlight bucket, route the sensor next to the left hand turn signal wiring through the small hole in the bottom left of the headlight bucket. Figure 3.
8. Follow the left hand front turn signal wiring into the turn signal support bracket.
9. Clean bottom of the turn signal support bracket clamp with isopropyl alcohol to ensure foam tape will stick securely.

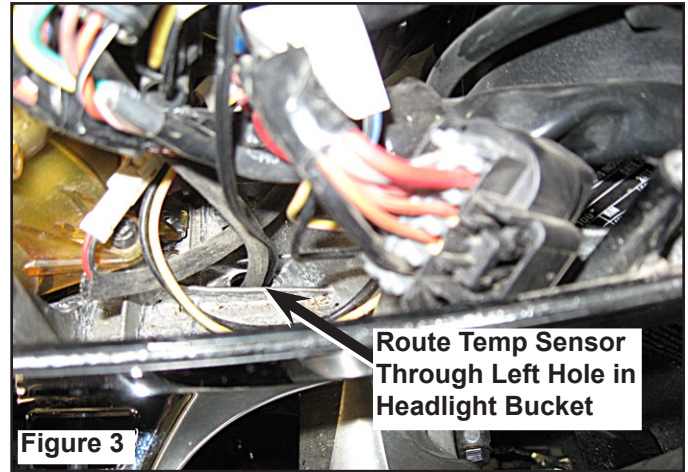


Figure 3

10. Use the supplied foam double sided tape to secure the air temperature sensor to the inside rear of the turn signal mount. Figure 4.

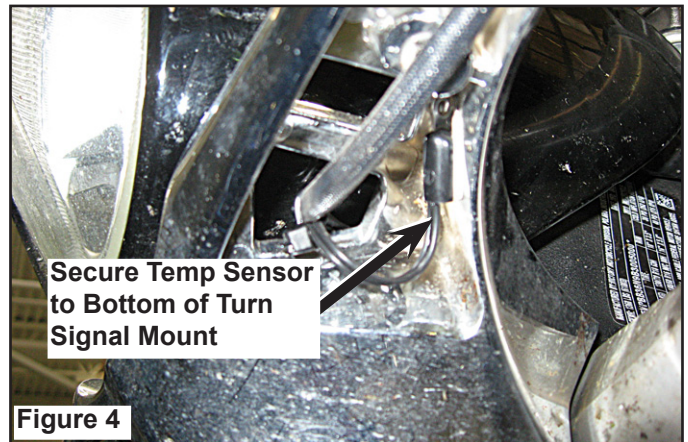


Figure 4

11. Use supplied cable ties to secure the air temperature sensor wiring to the left hand turn signal wiring. Route excess wiring into headlight bucket ensuring it will not rub and chafe on anything. **CAREFULLY** trim excess from cable ties using a wire cutter ensuring not to cut any wires. Figure 5.



Figure 5

#### Cruiser Wire Connection and Routing:

12. Locate the orange/blue and black/white wires with female bullet terminals on them. Figure 6.

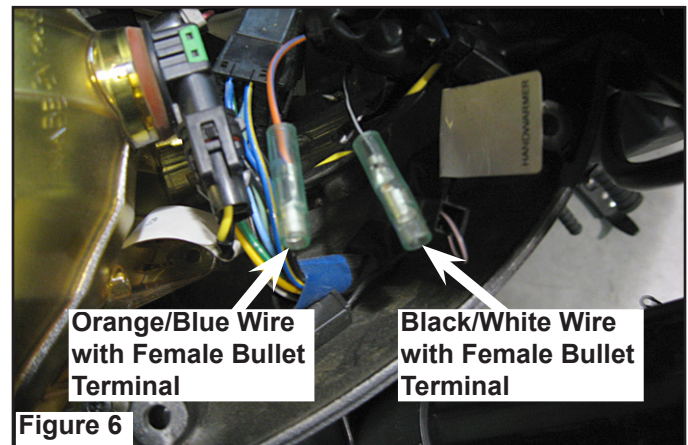
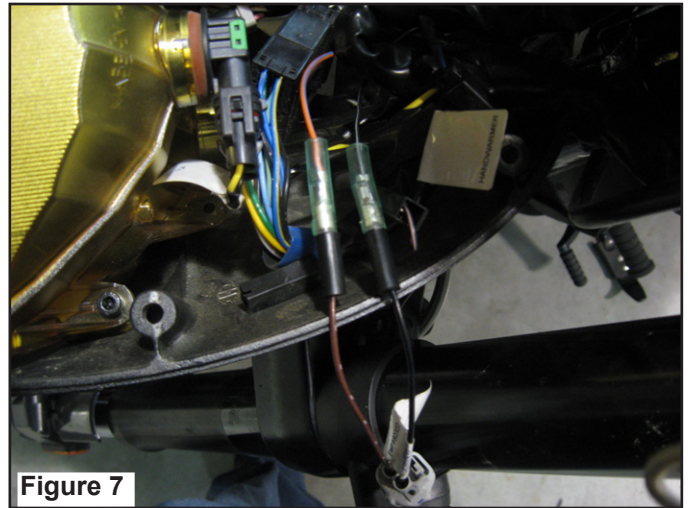


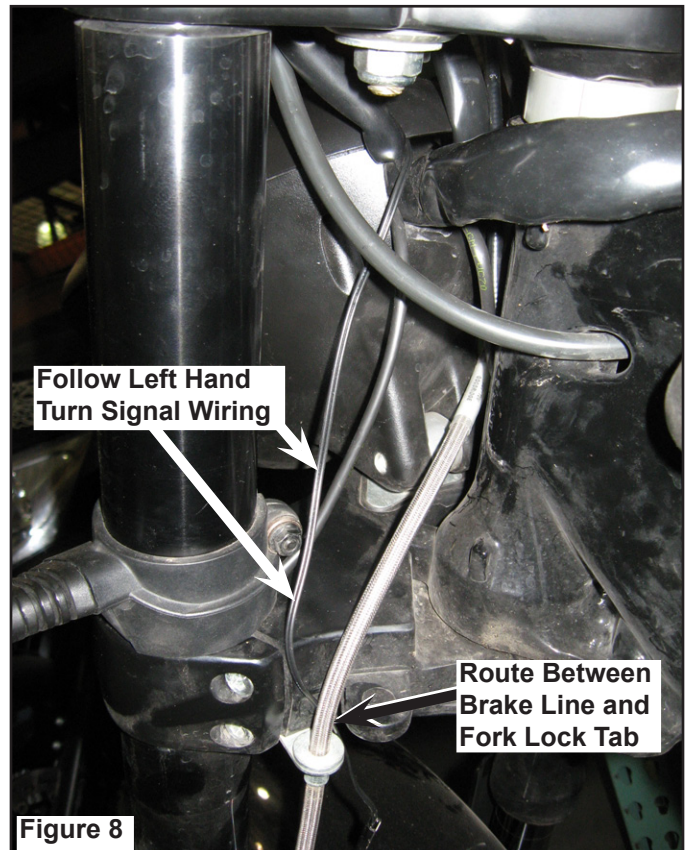
Figure 6



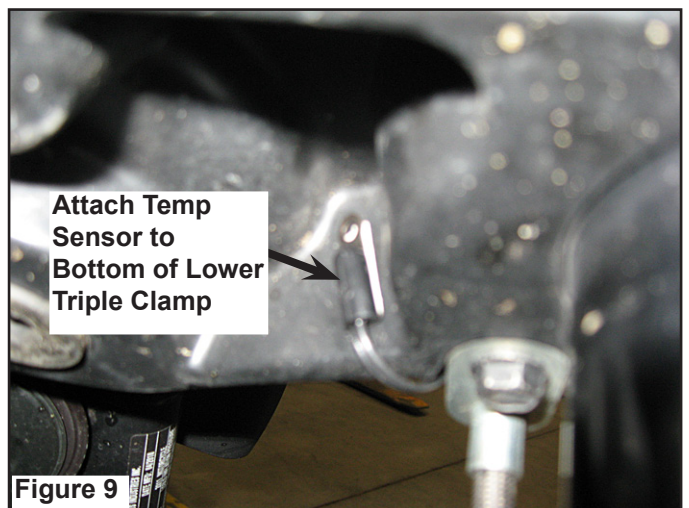
13. Connect the brown wire of the jumper included in the kit to the orange/blue wire and the black wire of the jumper to the black/white wire on the vehicle harness. Connect the air temperature sensor to the jumper. Figure 7.



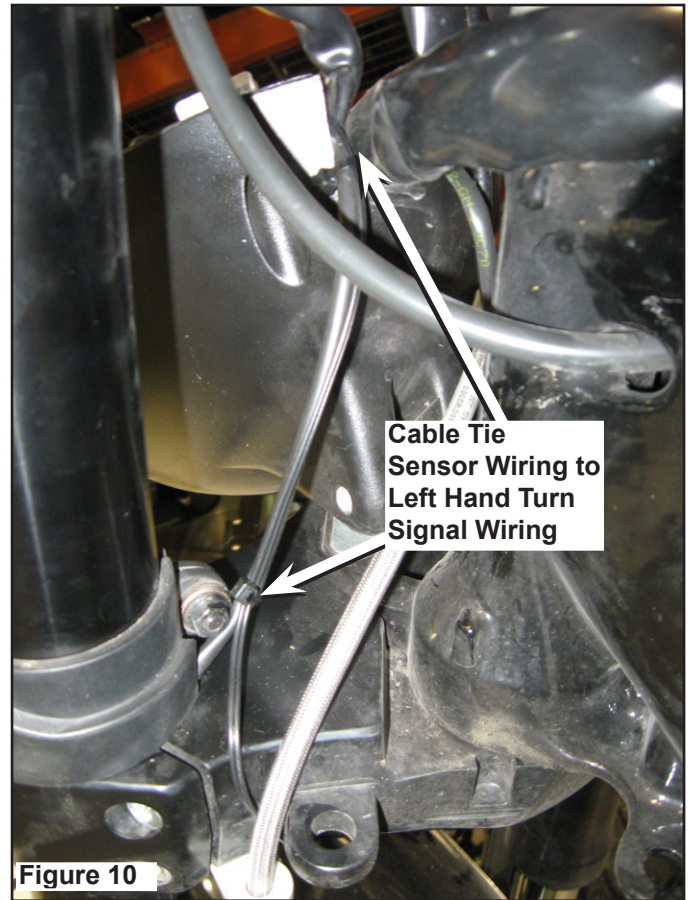
14. Follow the left hand front turn signal wiring to the base of the lower triple clamp. Figure 8.
15. Route the air temperature sensor between the brake line and fork lock tab to the bottom of the lower triple clamp. Figure 8.
16. Clean bottom of lower triple clamp with isopropyl alcohol to ensure foam tape will stick securely.



17. Use the supplied foam double sided tape to secure the air temperature sensor to the bottom of the lower triple clamp. Figure 9.



18. Use the supplied cable ties to secure the air temperature sensor wiring to the left-hand front turn signal. Route excess wiring into headlight bucket ensuring it will not rub and chafe anything. **CAREFULLY** trim the cable ties on using a wire cutter ensuring not to cut any wires. Figure 10.



**All Bikes:**

19. Replace headlight bucket lid ensuring not to pinch any wires. Torque screws to 48 in. lbs. (5.4 Nm).
20. Replace windshield. On Cross Roads factory windshield torque screws to 18 ft. lbs. (24.4 Nm).
21. Reconnect negative battery cable.
22. Turn key on and cycle the gauge mode until you see a temperature reading in the display. Figure 11.

