



!! READ INSTRUCTIONS BEFORE CUTTING ANY WIRES !!

The OTB-POL-MQS-11-13 MAQS wiring repair harness fits 900cc Polaris vehicles 2011-2013 and also many Suzuki and Yamaha motorcycles that also use a Mikuni throttle body. The MAQS sensor has TPS, MAP, IAT sensors built into one unit and symptoms of a bad harness typically a trouble code for one of the sensors. This replacement harness uses much better MIL spec wire and is much more robust in handling heat and vibration.

Tools Required:

1. Wire cutters
2. Wire strippers
3. 8-10 AWG crimping pliers
4. Heat gun or hair dryer
5. Basic hand tools

Installation Instructions:

1. Locate the MAQS sensor on the end of the throttle body. Unplug the sensor and remove any tape to gain access to the wiring.
2. Fill in the wire color chart using your existing wire colors. The connector will have it's position numbers on the back side of the connector where the wires enter the connector. Note that not all wires may be used and there will possibly be unused wires on the new harness.

Position 1 Wire Color is _____

Position 2 Wire Color is _____

Position 3 Wire Color is _____

Position 4 Wire Color is _____

Position 5 Wire Color is _____

3. Now that you have written down all the existing wire colors. Take the wire cutters and cut each wire from the connector.
4. Remove approx one quarter inch of insulation from each wire.
5. Connect each wire from the chart in step 3 one at a time. Use the quick connect crimping pliers and crimp each wire.

Position 1 wire color you wrote down goes to RED.

Position 2 wire color you wrote down goes to BLACK.

Position 3 wire color you wrote down goes to YELLOW.

Position 4 wire color you wrote down goes to GREEN.

Position 5 wire color you wrote down goes to BLUE.

6. Take the Heat gun or hair dryer and heat up the 8 connections that you made. The appropriate amount of heat has been applied when you see the glue coming out the back of each splice. Your repair should look like the wires that are already attached.
7. Slide the black heat shrink tubing over the entire repair and use the heat gun to shrink the tubing over the whole splice.
8. Route the new wire and connector up to the MAQS sensor and plug it in. Make sure the wire harness does not have any sharp kinks or bends. Also ensure that the wire has room to move and is not pulled tight.

Disclaimer:

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