



**!! READ INSTRUCTIONS BEFORE CUTTING ANY WIRES !!**

The OTB-POL-SWI-05-17 ignition switch repair harness is intended to repair corroded and or melted ignition switch wiring on Polaris ATV's and UTV's 2004.5 – 2016. Please note that when installing this replacement harness, wire colors may not match your machine and you may not use all 6 wires. This is normal as we try to accommodate all machines.

**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. Unplug the connector to the ignition switch. To gain access to the ignition switch wiring on Sportsman ATV's you will need to disassemble the headlight pod and on UTV's the switch is simply located on the back of the dash.
2. On the top of the connector there are 6 letters on the latch side of the connector "A, B, C, D, E, F". Use the chart below and write down the factory wire colors. If your machine has broken wires please use the wire color chart below and substitute the wire colors found in the chart.

Position A Wire Color is \_\_\_\_\_

Position B Wire Color is \_\_\_\_\_

Position C Wire Color is \_\_\_\_\_

Position D Wire Color is \_\_\_\_\_

Position E Wire Color is \_\_\_\_\_

Position F 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 4 one at a time. Use the 8-10 AWG crimping pliers and crimp each wire.
  - a. Position A wire color you wrote down goes to WHITE.
  - b. Position B wire color you wrote down goes to RED.
  - c. Position C wire color you wrote down goes to BLACK/RED
  - d. Position D wire color you wrote down goes to YELLOW
  - e. Position E wire color you wrote down goes to BLACK
  - f. Position F wire color you wrote down goes to BROWN

6. Take the Heat gun or hair dryer and heat up the 4 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 ignition switch 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.

**Factory Wire Color Chart:** \*this chart is not guaranteed to be accurate. Please reference your machine's service manual to determine proper wiring pinout.

Factory Option 1

A = WHITE/RED  
B = RED/WHITE  
C = RED/BLACK  
D = YELLOW  
E = BLACK  
F = BROWN

Factory Option 2

A = DARK GREEN/ WHITE  
B = RED/DARK BROWN  
C = RED/WHITE  
D= ORANGE  
E = NONE  
F = NONE

Factory Option 3

A = BLUE/YELLOW  
B = ORANGE  
C = RED/BLACK  
D= RED/WHITE  
E = NONE  
F = NONE

***Disclaimer:***

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