



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

The OTB-POL-PDM-16-05 is a high quality replacement 16 pin PDM repair harness that fixes melted wiring on 2005-2009 Polaris Rangers. When the PDM in a Polaris Ranger fails it can sometimes internally short and this melts the wiring and connector. **(Note: If your connector is melted chances are you will need to replace the PDM along with this harness. Failure to do so will lead to the connector melting down again due to the failed PDM.)**

***Tools Required:***

1. Wire cutters
2. Wire strippers
3. 18-22 AWG crimping pliers
4. Heat gun or hair dryer
5. Common Hand Tools
6. Electrical Tape

***Installation Instructions:***

1. Disassemble vehicle to gain access to the PDM. Consult a service manual for your vehicle if you are unsure of how to perform this step.
2. Unplug the PDM connector by pressing down on the tab and pulling on the connector.
3. The PDM Connector has letters indicating the pinout.
4. Write down the existing wire colors on your old connector. ( Note: Some wires will be unused when installing this product)

5. Position A color is \_\_\_\_\_

Position B color is \_\_\_\_\_

Position C color is \_\_\_\_\_

Position D color is \_\_\_\_\_

Position E color is \_\_\_\_\_

Position F color is \_\_\_\_\_



Position G color is \_\_\_\_\_

Position H color is \_\_\_\_\_

Position I color is \_\_\_\_\_

Position J color is \_\_\_\_\_

Position K color is \_\_\_\_\_

Position L color is \_\_\_\_\_

Position M color is \_\_\_\_\_

Position N color is \_\_\_\_\_

Position O color is \_\_\_\_\_

Position P color is \_\_\_\_\_

6. Cut off the old connector now that you have a table of wire colors.
7. Strip  $\frac{1}{4}$  inch of insulation off of the factory wires.
8. Use the crimping pliers and crimp each wire from the wire pinout table to the new harness.
9. Use the heat gun to shrink all of the sealed butt splices.
10. Use electrical tape and tape the spliced area of the harness.
11. Plug connector into the PDM.
12. Reassemble Vehicle.
13. Start vehicle and verify operation and drivability.

***Disclaimer:***

By installing this product you agree that OTB Powersports products make no representations or warranties, either express or implied, of any kind with respect to the product sold. You agree that in no event shall OTB Powersports be liable for indirect, consequential, or punitive damages related to the installation or use of this product. Please do yourself a favor, if you don't know how to perform basic wiring repair or don't own the tools, get the tools and or have a qualified person install the product for you.