STRAIGHTLINE PERFORMANCE

LED Light Kit Instructions and BOM (143-102)
Fits: Polaris 850

Complete Polaris AXYS LED Light Installation

1. Remove the hood, by removing the 2 screw pins on the upper right and left of the hood.
2. Then Un-plug the main harness and slide the hood forward and remove.

Unscrew these hood pins from both sides.

Unclip the main harness plug

LED Light Mounting – Straightline Bumper and Polaris Hood Mounting.

Route Wire Though Grill of Hood

Rivet to Underside of Top Wing

Installed LED light upper AXYS hood

Mounting of LED Light to Straightline Bumper

1. Remove the Straightline Upper Bumper Wing and flip upside down if previously installed on machine. If this is newly purchased, this LED light can be installed before installing the bumper.
2. Set the light on the **underside** of the bumper in-between the mounts as shown on the previous page. Set the LED light back enough so that the entire LED light is on the flat surface of the bumper.
3. Mark the holes, drill and rivet to the bottom of the bumper.
4. Install bumper, and run wires as shown in next steps.

Mounting of LED Light to AXYS Hood

1. Set the LED light in the front of the Gen 4 nose cone as shown below.
2. Mark the rivet holes, remove light and drill out. Rivet LED light and run wires as shown in next steps.

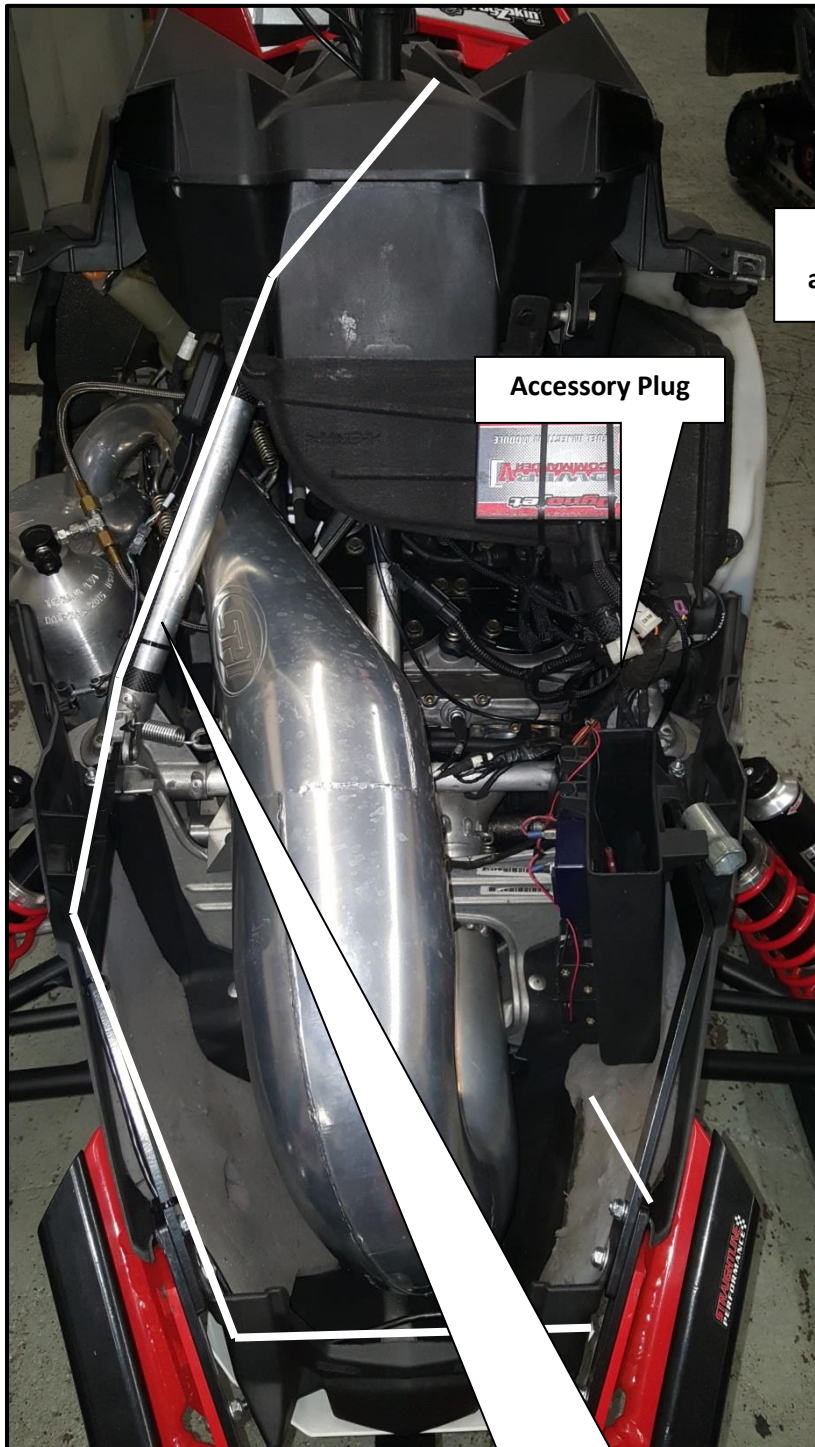**Rivet to top of AXYS hood**

Mounting the LED light switch

1. Mount the LED light switch on the left hand side of the console.
2. Drill a ¾" hole and drop the LED light harness through the hole. Be sure to push down as it will lock on the plastic.
3. The LED switch has a marking with 1 hash on one side and 2 hashes on the other side. Install the 1 hash mark forward. This is the standard setting when pushed to turn on LED lights when sled is running.
4. By purchasing the accessory 12V harness you can leave the light on when the unit is off for accessory lighting. Parts number 145-100.
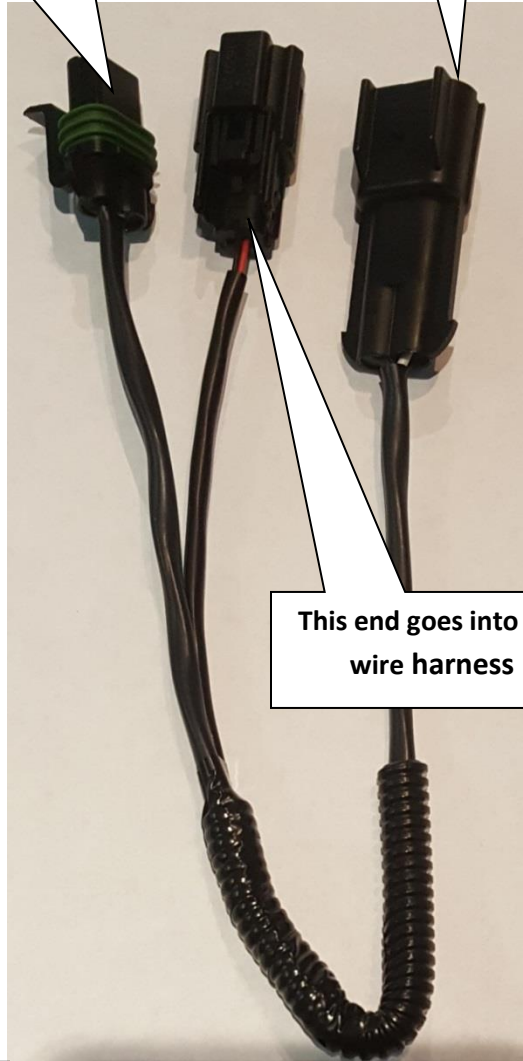
LED Button Installed.

Wiring the LED Harness

1 With the Hood removed, route and zip tie wires as shown below.
2 Be sure to not have any wires or zip ties close to the exhaust.
3 See the Routing of the White Line Below.

This end goes into the Polaris Accessory plug

This end remains open for additional Polaris Accessories

Accessory Plug

This end goes into the wire harness

Route the wire on top of the frame the entire way up to the switch. Be sure to zip tie the harness so it can't move.

Plugging into the Polaris Accessories Plug–in.

1. The Plug is under the hood, next to the belt holder. Pull out of the holder and plug into either of the double plug side of the Straightline wire harness. The other can be used for any other accessory or just simply plug back into the holder until needed.

Straightline Performance 15250 Hornsby St Forest Lake, MN 55025 651-466-0212 www.straightlineperformance.com

Reinstall Side Panels and Hood. Be sure to plug in main harness.

BOM:

Quantity	Part #	Descriptions	In Box
1	143-102-Harn	Polaris 850 LED Harness	
1	145-100-BWLED	Complete V-Bar Colored LED	
4	NP-209	6" ZIP TIE	
2	41024	3/16 Rivet	
1		Sticker	

Checked and Packaged By

Technical questions please email tech@straightlineperformance.com