STRAIGHTLINE PERFORMANCE

Universal LED Light Kit Instructions and BOM 145-106

The universal LED V-bar kits are designed to mount to any area that the V-bar can be riveted or bolted too. Attached are some examples of model specific kits and how the wire is run and the light mounted. The universal kits will require the end user to find a suitable location to mount the light and route the wires securely themselves.

Mounting of LED Light to Nose Cone of Gen 4

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 Bottom of Nose Cone

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 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.
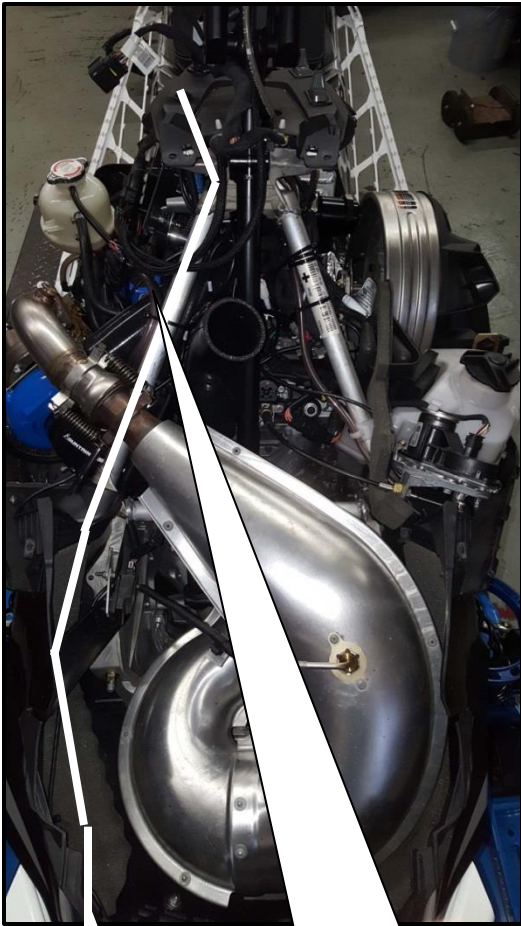
LED Button Installed.

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 on the next page of the White Lines as a reference.
4 Wire picture below shows the kit completely connected. The open red and black wires need to be connected to a known/reliable 12-14volt DC power supply.

Connect these wires to power

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

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.

BOM:

Quantity	Part #	Descriptions	In Box
1	145-100-Harn	Universal LED Harness	
1	145-100-RGBLED	Complete V-Bar Bright White LED	
6	NP-209	6" ZIP TIE	
1	145-107	Wireless Key Fob Controller	
1		Key Fob Instructions	
2	41024	3/16 Rivet	
1		Sticker	

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Technical questions please email tech@straightlineperformance.com

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