



Light Mounting Brackets

Harley Davidson Pan America
LAH.23.10100

Thank you for choosing DENALI

We know you would rather be riding your bike than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our gear experts a call at 401.360.2550 or visit WWW.DENALIELECTRONICS.COM

Please Read Before Installing

DENALI products should always be installed by a qualified motorcycle technician. If you are unsure of your ability to properly install a product, please have the product installed by your local motorcycle dealer. DENALI takes no responsibility for damages caused by improper installation. **Caution:** When installing electronics it is extremely important to pay close attention to how wires are routed, especially when mounting products to the front fender, front forks, or fairing of your motorcycle. Always be sure to turn the handlebars fully left, fully right, and fully compress the suspension to ensure the wires will not bind and have enough slack for your motorcycle to operate properly.

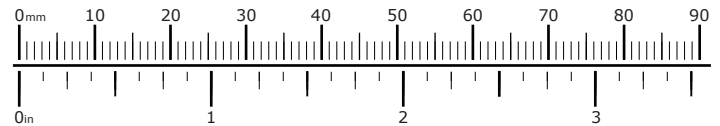
Installation Tips

We strongly recommend using medium strength liquid thread locker on all screws, nuts, and bolts. It is also important to ensure that all hardware is tightened to the proper torque specifications as listed in your owner's manual. For included accessory hardware please refer to the default torque specifications provided below. Inspect all hardware after the first 30 miles to ensure proper torque specifications are maintained.

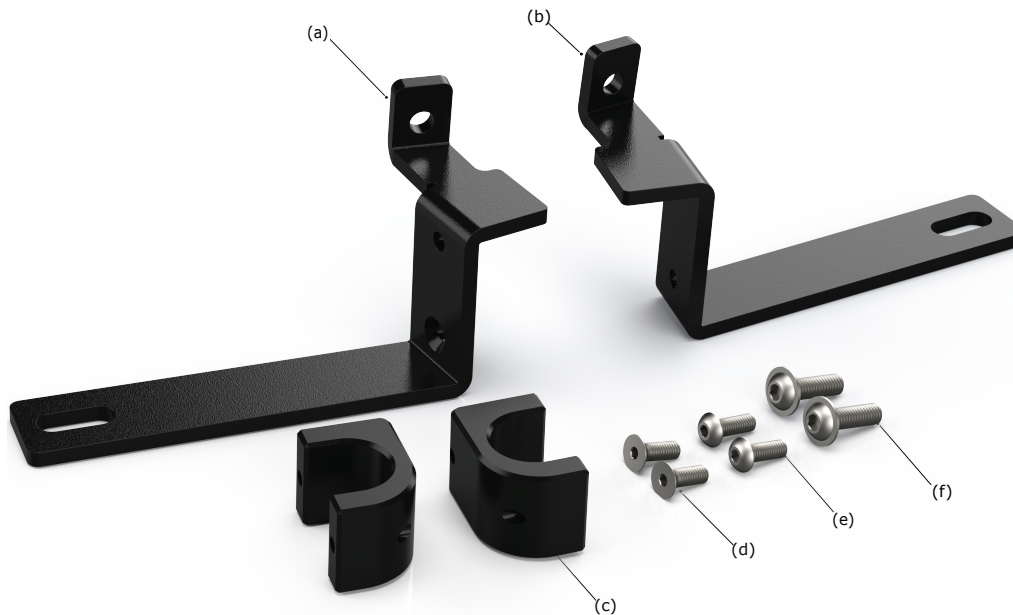
Bolt Size	in-lbs	ft-lbs	Nm
M3	10.0 in-lbs	-	1.0 Nm
M4	23.0 in-lbs	-	2.5 Nm
M5	44.5 in-lbs	3.5 ft-lbs	5.0 Nm
M6	78.0 in-lbs	6.5 ft-lbs	9.0 Nm
M8	-	13.5 ft-lbs	18.0 Nm
M10	-	30.0 ft-lbs	41.0 Nm
M12	-	52.0 ft-lbs	71.0 Nm

Hardware Sizing Guide

Not sure what size bolt you have? Use this ruler to measure screws, bolts, spacers, etc. Remember, the length of a screw or bolt is measured from the start of the "mounting surface" to the end of the screw, so only include the screw head when measuring countersunk screws.



What's In The Box?



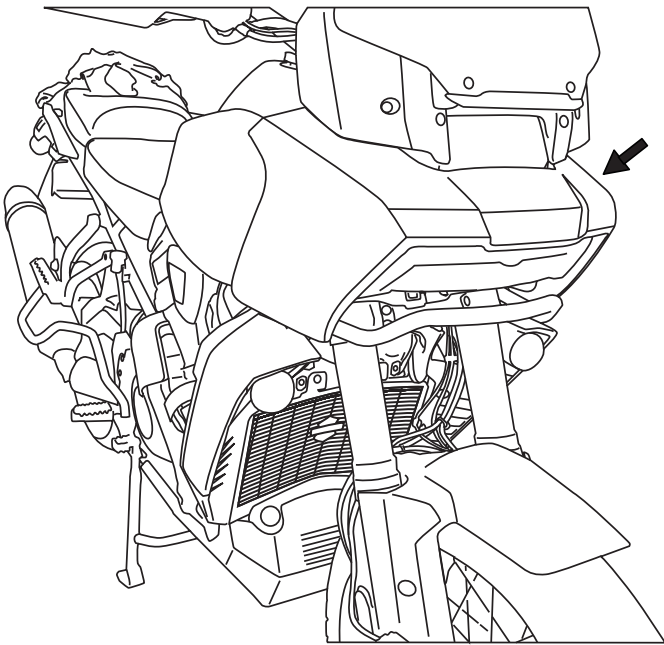
Kit Contents

- (a) HD Pan Am- Upper Light Mount-Right.....(LAH.23.002).....Qty 1
- (b) HD Pan Am- Upper Light Mount-Left.....(LAH.23.003).....Qty 1
- (c) Upper Crash Bar Clamp.....(LAH.023.04).....Qty 2
- (d) M6 x 14mm Countersunk Screw.....Qty 2

- (e) M6 x 14mm Button head ScrewQty 2
- (f) M6 x 20mm Flanged Button head ScrewQty 2

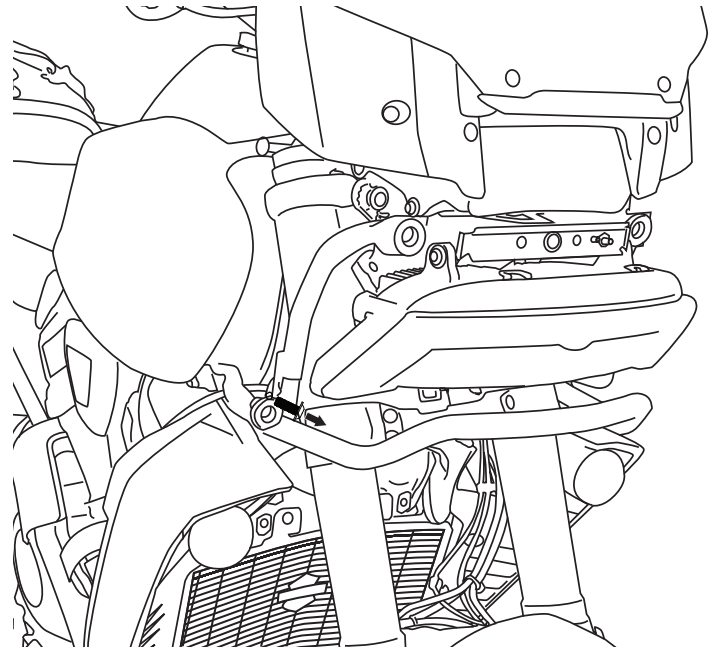
Tools Required: 4mm Hex Bit, 3mm Hex Bit.

1. Installing The Light Mount



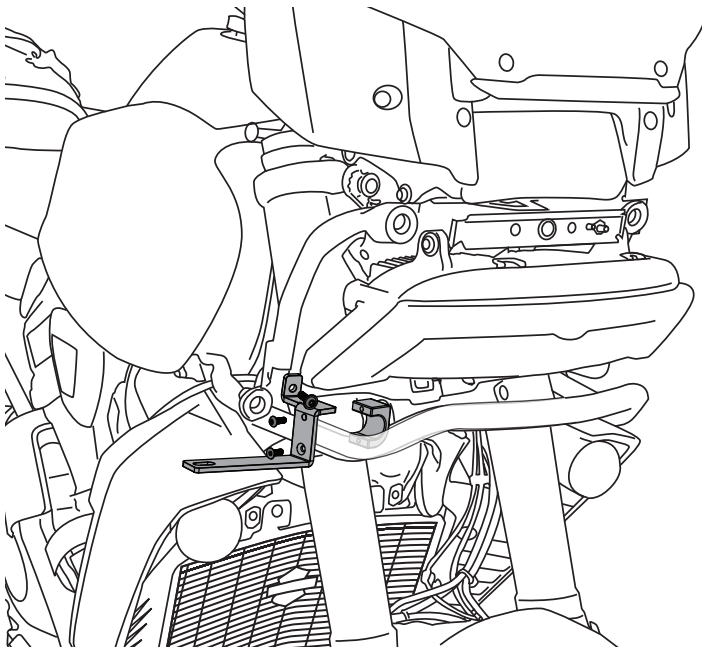
1.1 - Accessing Mounting Points

Step One: Start by removing the front fairing from the motorcycle by grasping the panel from each side and pulling towards the front of the motorcycle.



1.2 - Removing Factory Hardware

Step One: Remove the factory mounting bolt from the right side of the upper crash bar at the junction of the vertical and horizontal bars.

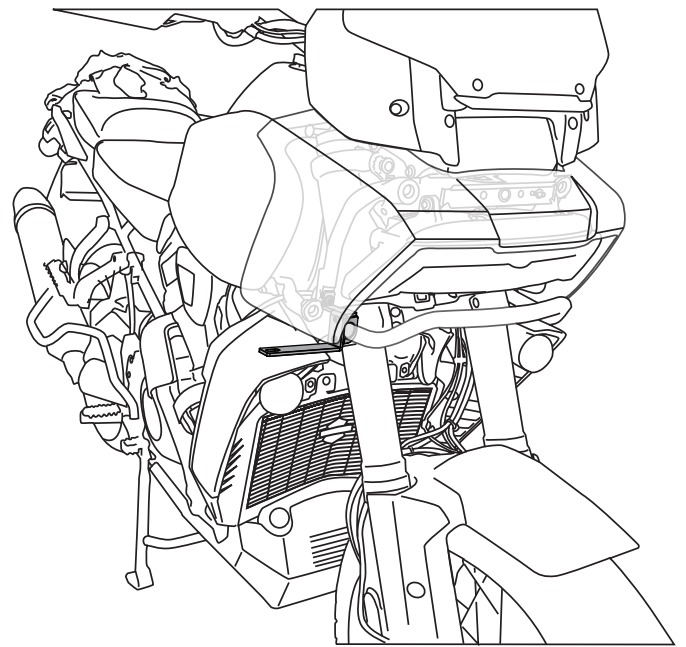


1.3 - Installing The Mount

Step One: Using the right side bracket (a) and one of the crash bar clamps (c) assemble the mounting bracket around the side of the upper crash bar.

Step Two: Connect the two components using the M6 Counter Sink Screw (d) and M6 Button Head (e) and hand tighten to hold in place.

Step Three: Rotate the bracket as needed to align the remaining screw hole in the top of the bracket (a) with its mounting point in the slot on the vertical bar. Connect the bracket with the M6 Flanged Button Head Screw (f) and properly tighten all three screws while making sure the mounting shelf ends up level and parallel to the ground.



1.4 - Installing The Mount

Step One: Repeat these steps to install the left bracket assembly, make sure they are parallel with each other, and level with the ground.

Step Two: Reinstall the front fairing to finish the install.

Step Three: Locate the mounting holes on the far ends of the support arm and secure your LED Light Pods using the hardware provided with the lights.