**READ ME !** ⚠

Thank you for purchasing a KC Gravity Light Bar Slimline II Mounts.

Before you start, take a moment to familiarize yourself with the Fitting Instructions and the included components.

Refer to Page 2 for a list of all the components, quantities and tools required.

IMPORTANT WARNING! ⚠

IT IS CRITICAL THAT ALL FRONT RUNNER PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL FRONT RUNNER PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND PRECAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS, OR IF YOU HAVE NO MECHANICAL EXPERIENCE AND ARE NOT THOROUGHLY FAMILIAR WITH THE INSTALLATION PROCEDURES, YOU SHOULD HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL INSTALLER OR OTHER QUALIFIED PERSONNEL.

NOTE: Front Runner will not be responsible for any damage caused by the failure to install the product according to these instructions.

Please call us if you have any questions about the installation of this product.

1

GET ORGANIZED

IN THE BOX

1	2 X	Side Bracket
2	1 X	Middle Bracket
3	1 X	Pivot Bracket
4	3 X	M8x20 Hex Bolt
5	11 X	M8 Nyloc Nut
6	3 X	M8 Nut Cap
7	8 X	M8x20 Button Head Bolt
8	2 X	M6x16 Button Head Bolt
9	2 X	M6 Nyloc Nut
10	2 X	M6 Nut Cap
11	3 X	M8x19x2 Flat Washer
12	2 X	M6x12x1 Flat Washer
13	1 X	M10x70 Hex Bolt
14	1 X	M10x21x1.2 Flat Washer
15	1 X	M10 Nyloc Nut
16	2 X	M10 Nut Cap

TOOLS NEEDED



4mm & 5mm
Allen Key



10mm, 13mm
& 17mm Wrench



Cutting Pliers



13mm & 17mm Socket,
Extension & Ratchet

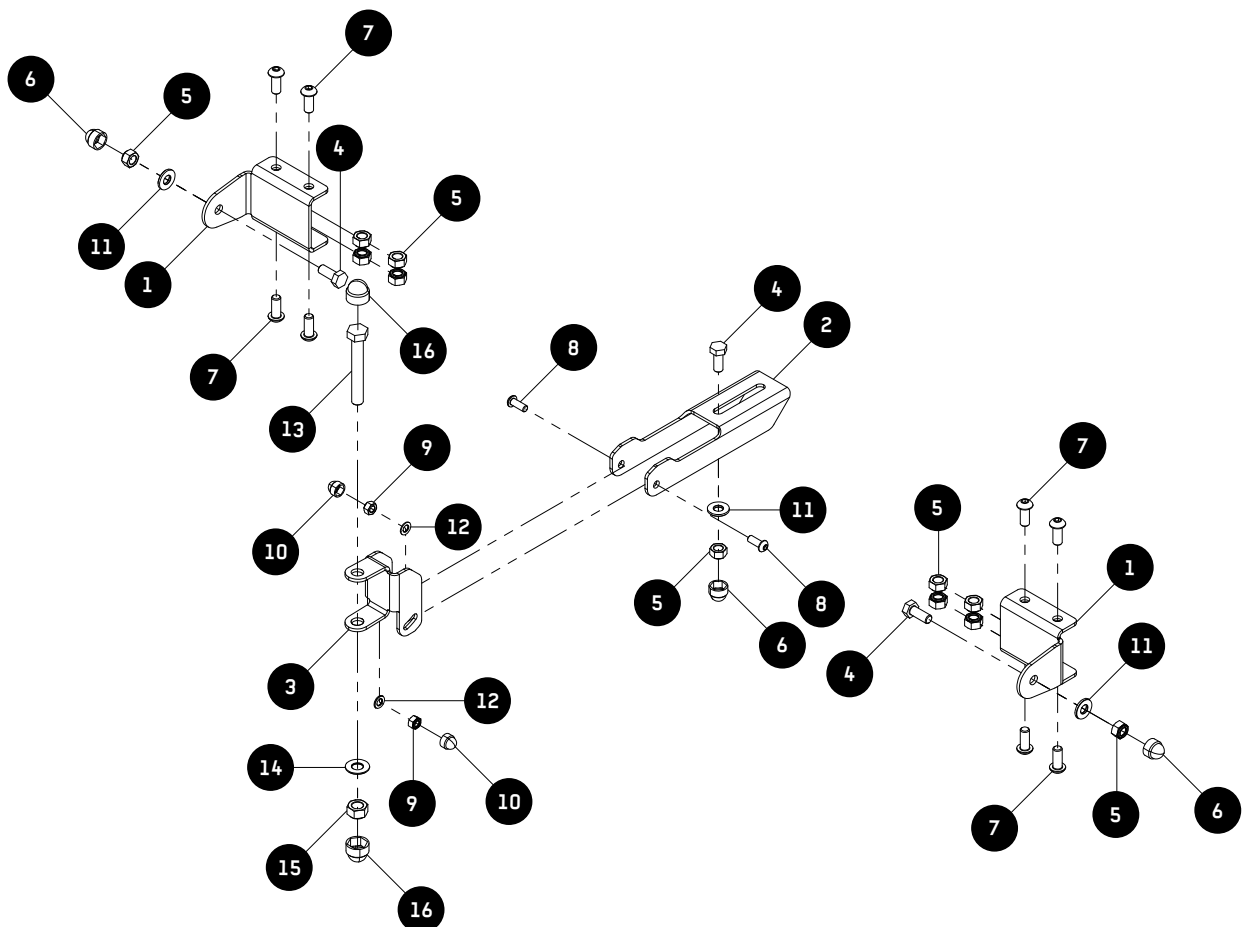


Tape Measure



No. 2 Phillips Head
Screwdriver

FIGURE 1.1



2.1



Prepare the light bar for the Front Runner mounting brackets to be installed.

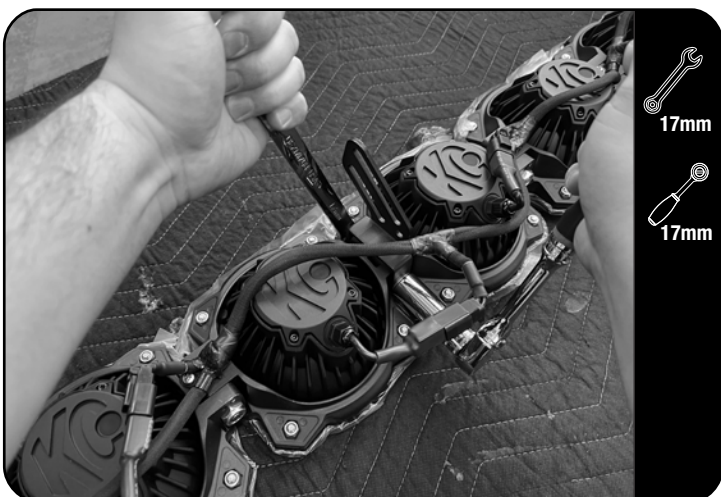
Note: The KC Gravity Pro 6/Titan LED light bar can be installed in a straight or curved configuration, if you would prefer the curved configuration follow the KC instructions included with the light bar to reassemble the modules in the curved configuration before moving on to the next step.

2.2



Remove the Cable tie from the middle bracket on the light bar as shown.

2.3



Remove the pre-installed Hex Bolt & Nut from the mid point of the light bar as shown.

2.4

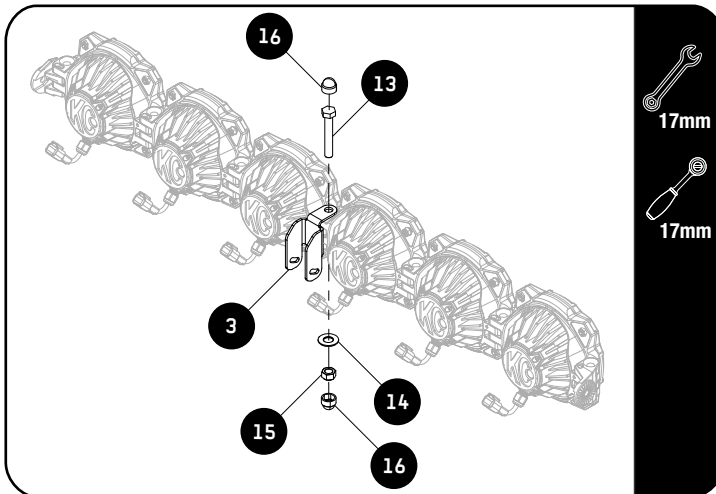


Remove the KC mounting hardware by first removing the screw that secures the harness clip to the light bar.

Remove the M8 Hex Bolt & Nut that is pre-installed on the light bar.

Repeat these steps for both sides of the light bar.

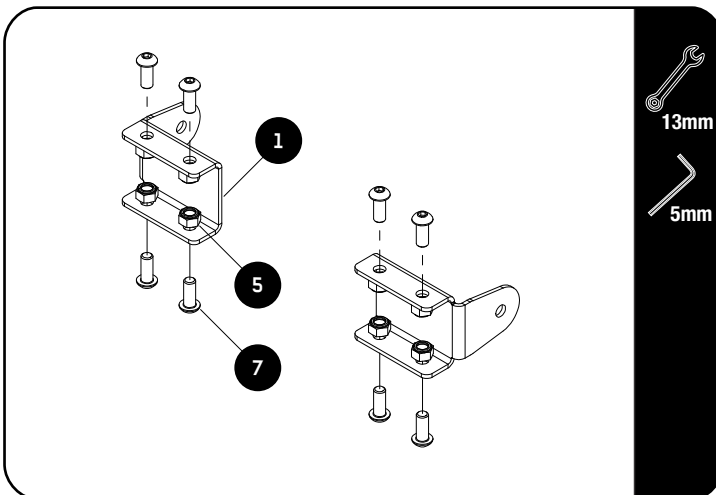
2.5



The preparation of the light bar is now complete, to assemble the Pivot Bracket (Item 3) fully tighten the M10x70 Hex Bolt, M10x21x1.2 Flat Washer & M10 Nyloc Nut (Item 13, 14 & 15).

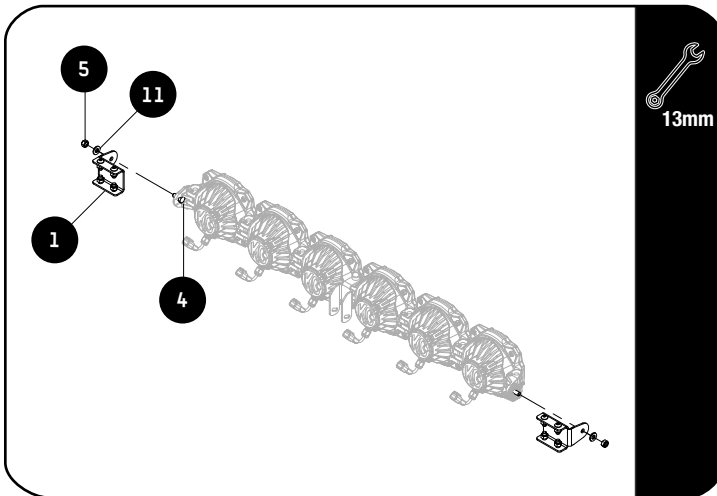
Place the M10 Nut Caps (Item 16) as shown.

2.6



Loosely assemble the M8x20 Button Head Bolts & M8 Nyloc Nuts (Item 7 & 5) as shown on both of the Side Brackets (Item 1).

2.7



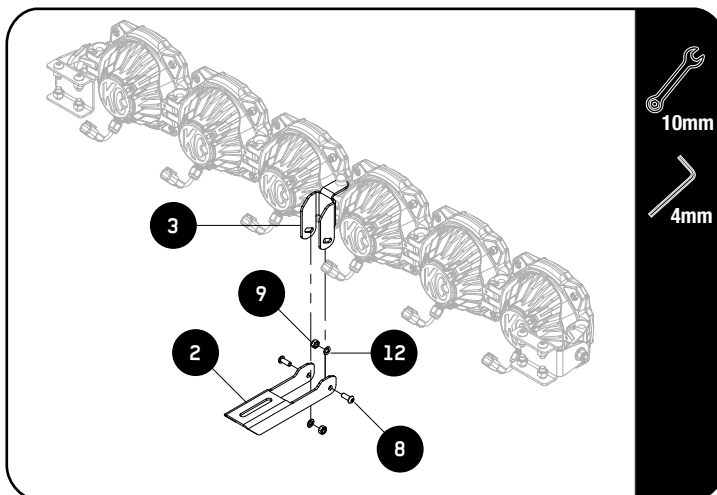
Loosely assemble the Side Brackets (Item 1) to the light bar.

Assemble the M8x20 Hex Bolts, M8x19x2 Flat Washers & M8 Nyloc Nuts (Item 4, 11 & 5) as shown.

Repeat the assembly on both sides.

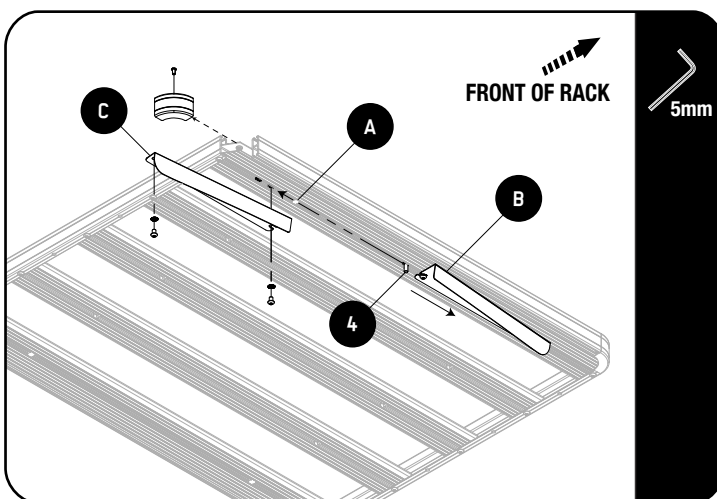
Refit the harness that was removed in step 2.4.

2.8



Slide the rack Middle Bracket into the Pivot Bracket (Item 2 & 3), then loosely secure with M6x16 Button Head Bolts, M6x12x1 Flat Washers & M6 Nyloc Nuts (Item 8, 12 & 9).

2.9



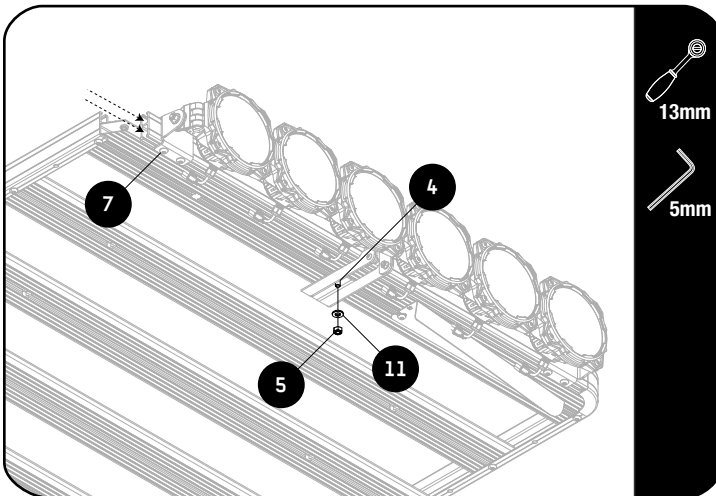
Remove one of the racks corners by loosening the M6x12 Button Head Bolt as shown.

Loosen and slide the LH Wind Deflector (B) as shown, remove the RH Wind Deflector (C) & slide the M8 Thin Nuts across the pocket shown by (A) so that you have access to the T-slot channel.

Note: Use the pocket in the combined slat as shown by (A) to easily slide the Hex Bolt into position.

Slide the M8x20 Hex Bolt (Item 4) along the T-slot channel of the underside of the SLII rack.

2.10

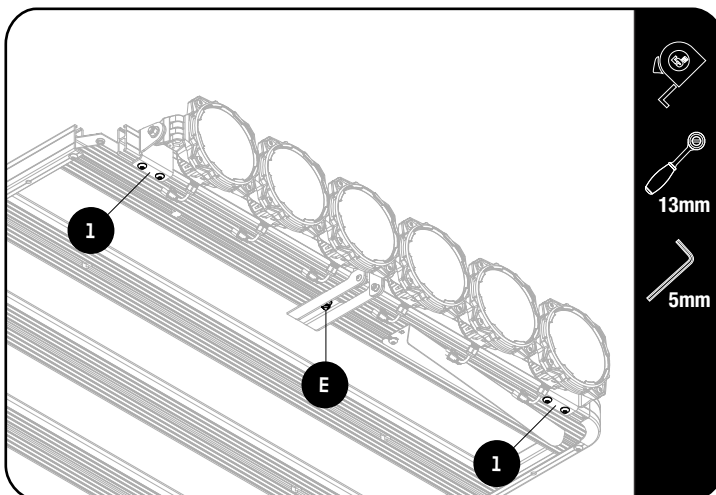


Slide the light bar through the profile channels as shown.

Note: To align the M8 Nyloc Nuts (Item 5) with the channel use a Allen Key to rotate the M8x20 Button Head Bolts (Item 7).

Loosely assemble the M8x19x2 Flat washer & M8 Nyloc Nut (Item 11 & 5) to the M8x20 Hex Bolt (Item 4) from step 2.9.

2.11



Measure equal distances on both sides of the light bar to center the light bar on the rack.

Fully tighten the M8 Nyloc Nut at position E.

Fully tighten the eight M8x20 Button Head Bolts shown on the Side Brackets (Item 1) that was loosely assembled in step 2.6.

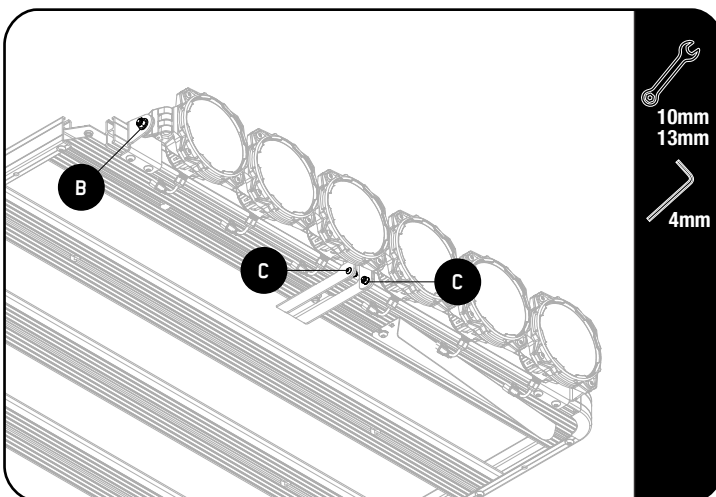
Fully secure both Side Brackets (Item 1).



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

2.12



Set the light bar to the desired angle.

Fully tighten the M8 Nyloc Nuts at position B, repeat this step for the other side of the light bar.



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

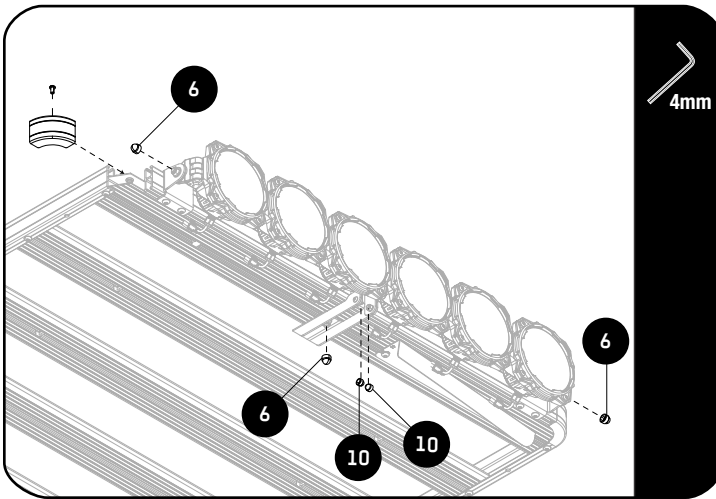
Fully tighten the M6 Nyloc Nuts at position C, locking down the light bar in the desired angle.



Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

2.13



Refit the corner as shown by fully tightening the M6x12 Button Head Bolt.



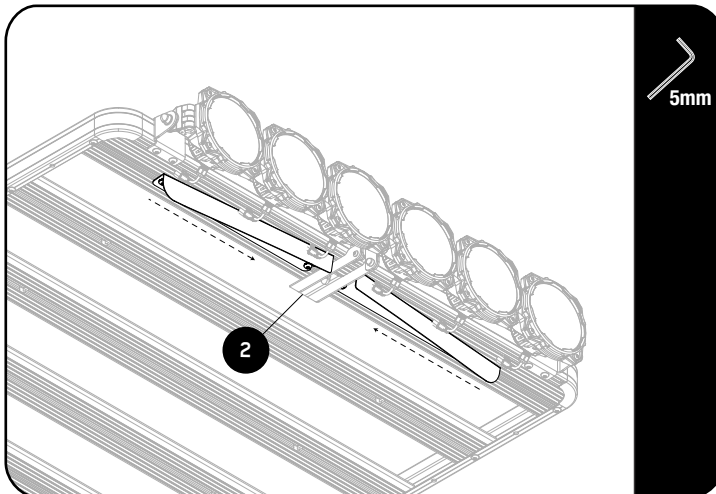
Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

Place the M6 Nut Caps & M8 Nut Caps (Item 10 & 6) over the Nyloc Nuts as shown.

The light bar will now be fully secured to the SLII rack.

2.14



Loosely reassemble the Wind Deflector that was removed in step 2.9.

Offset the Wind Deflector on each side from the Middle Bracket (Item 2) so that there is a slight gap.

Fully tighten the four M8x12 Button Head Bolts to secure the Wind Deflector in position.



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

2.15



Follow the KC wiring instructions to complete the fitment of the light bar to the SLII rack.

3

FINISH

Congratulations! You did it. Take a step back and admire your work!

4

INSTALL OTHER VEHICLE AND RACK ACCESSORIES

Now's the time to visit your favorite Front Runner Dealer in person or online.

Be sure to tag us. We love to see our gear in action! #FrontRunnerOutfitters

Share your adventures on:

