



INSTALLATION INSTRUCTIONS

IMPORTANT: Please read all instructions before beginning installation. These guidelines are provided in good faith to help prevent any issues arising from errors during installation. The manufacturer of this product shall not be held responsible for any user actions taken or not taken during installation. There are many details of the installation that are assumed to be general mechanical knowledge to experienced installers; which are not detailed in these instructions. These installation guidelines are intended to serve as professional recommendations and are not as a step-by-step, fail-safe installation checklist. Selection of an experienced installer is the sole responsibility of the project owner.

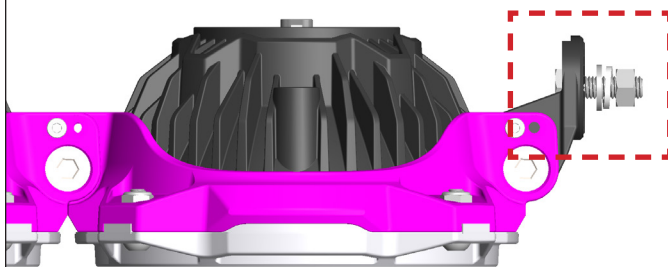


TOOLS NEEDED: 10MM RATCHETING WRENCH, METRIC SOCKET SET, METRIC ALLEN KEY SET, AIR SHIM (OPTIONAL)

1



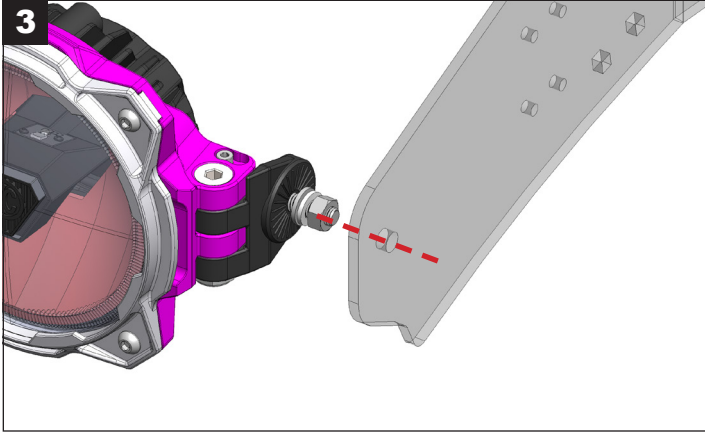
2



THIS INSTRUCTION MANUAL WILL SERVE AS A GENERAL GUIDE ON HOW TO SECURE ALL YOUR LIGHTING NEEDS FOR THE PL1 ROOFRACK. ALL ROOFRACKS REQUIRE A FRONT GRAVITY SERIES LIGHTBAR. REFER TO YOUR SPECIFIC APPLICATION FOR THE LIGHTBAR WIDTH.

THE END MOUNTS ON THE GRAVITY LIGHT BAR WILL NEED TO BE LOOSENED IN ORDER FOR THE MOUNTING TAB TO MATE UP TO THE SHEET METAL.

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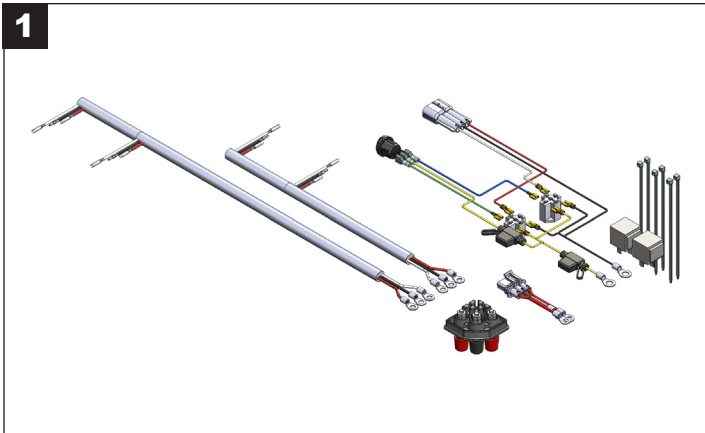


WITH THE HELP OF A SECOND PERSON, PLACE THE LIGHT BAR IN POSITION. INSERT THE M8 BOLT THROUGH THE HOLE LOCATED ON THE FRONT OF THE SUPPORT RAIL. ROUGHLY AIM THE LIGHT BAR AND THEN TIGHTEN HARDWARE.

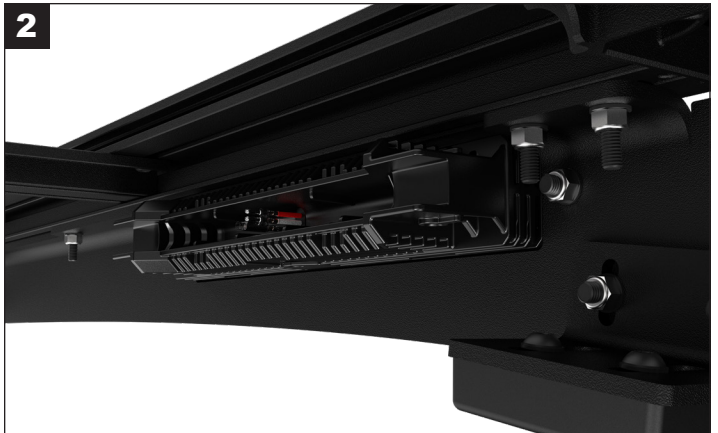


TAKE THE INCLUDED BUMPSTOP ASSEMBLY AND INSTALL ONTO THE LIGHTBAR. ENSURE THAT THE BUMPSTOP HAS BEEN PROPERLY PRELOADED. IF YOU HAVE AN AIR SHIM, IT CAN BE HELPFUL IN PRELOADING THE LIGHT BAR.

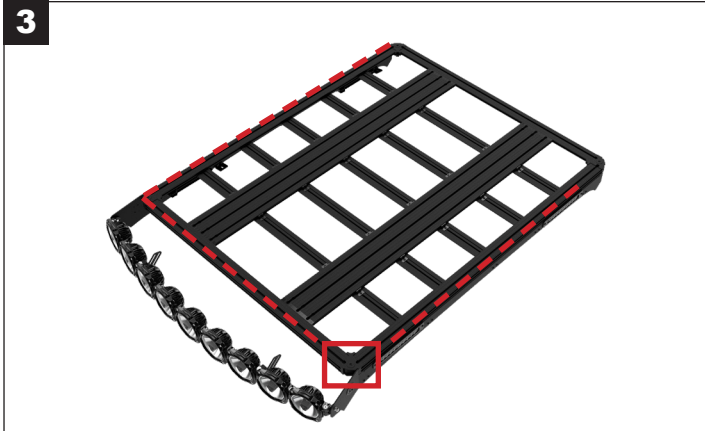
POWER-READY INSTALLATION



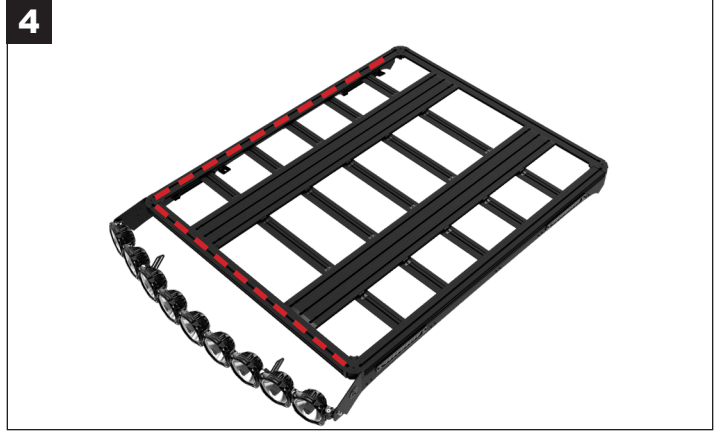
THIS GUIDE WILL SERVE AS A GENERAL GUIDE ON HOW TO INSTALL THE POWER READY HARNESS AND P10SC SIDE LIGHTS. IT IS GENERALLY EASIER IF YOU ARE ABLE TO DO THIS WITH THE INITIAL RACK ASSEMBLY ON THE GROUND.



INSTALL ALL 4 SIDE LIGHTS INTO THEIR RESPECTIVE OPENINGS. ENSURE THE LIGHT ORIENTATION IS CORRECT, AS THIS IS CRITICAL FOR BEAM ANGLE. THE LIGHTS WILL FASTEN WITH AN M6 CARRIAGE BOLT.



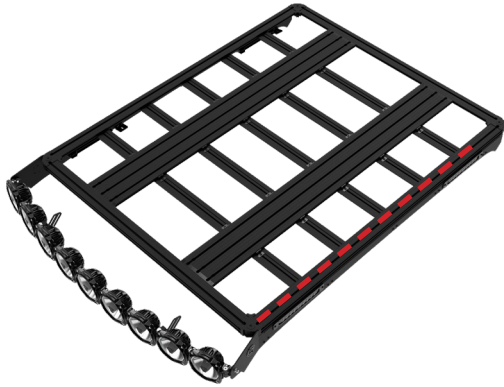
THE POWER-READY HARNESS WILL INCLUDE A LONG AND SHORT TERMINATED LEAD. THE SHORT LEAD WILL RUN NORTH-SOUTH ALONG THE SIDE CLOSEST TO THE POWER JUNCTION CORNER. THE LONG LEAD WILL RUN ACROSS THE OPPOSITE SIDE AND CROSSOVER THE FRONT EXTRUSION PIECE. CORNER JUNCTION PLACEMENT IS UP TO THE END USER.



START WITH THE LONG LEAD AND FEED IT THROUGH THE BOTTOM OPENING ON THE OPPOSITE CORNER (NON JUNCTION SIDE). FEED THE HARNESS INSIDE OF THE EXTRUSION OPENING AND CONNECT THE BULLET TERMINALS FOR THE SIDE LIGHTS. TAKE UP ANY SLACK, THEN FEED THE REMAINING PART OF THE HARNESS THROUGH THE FRONT EXTRUSION OPENING.

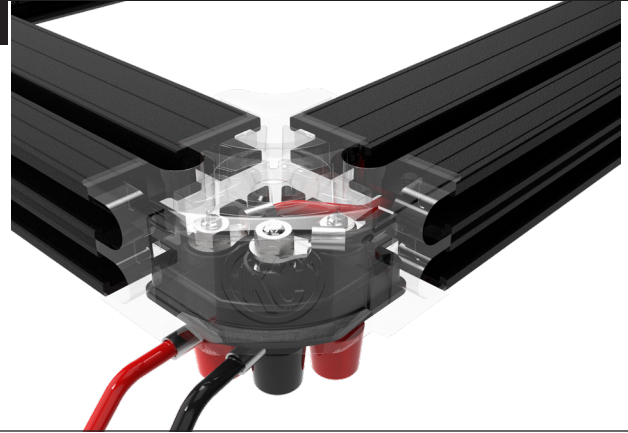
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TAKE THE SHORT LEAD, AND FEED IT THROUGH THE EXTRUSION OPENING. CONNECT ALL BULLET TERMINALS TO THE LIGHT. TAKE UP ANY SLACK, AND ENSURE THERE IS ENOUGH RELIEF FOR THE HARNESS TO CONNECT TO THE TOP SIDE OF THE CORNER JUNCTION CAP.

6



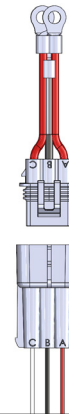
THE RING TERMINALS OF THE 2 HARNESSES WILL NEED TO BE CONNECTED TO THE RESPECTIVE TERMINAL STUDS ON THE CORNER CAP. ENSURE THAT TERMINALS ARE PROPERLY FASTENED AND ARE AT NO RISK OF SHORTING OUT. TAKE NOTE OF WHICH COLOR WIRE IS GOING TO WHICH STUD FOR STEP 7.

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WITH THE RING TERMINALS FASTENED ON THE TOP SIDE, GO AND INSERT THE CORNER JUNCTION POST INTO PLACE. TAKE THE INCLUDED RING TERMINAL - METRI-PACK ADAPTER HARNESS AND FASTEN TO THE TERMINAL STUDS ON THE BOTTOM OF THE CORNER JUNCTION POST. CONNECT CORRESPONDING COLOR WIRES FROM STEP 6.

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PLUG THE OTHER END OF THE METRI-PACK CONNECTOR INTO THE ADAPTER HARNESS. TEST ALL LIGHTS TO ENSURE PROPER OPERATION.

