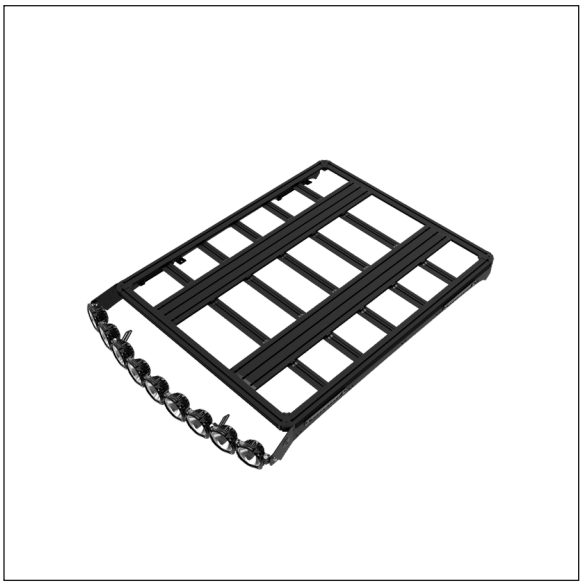
ADVENTURE FURTHER®

TOYOTA TUNDRA 3RD GEN (22+)
PL1
59-00301-09IM

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.





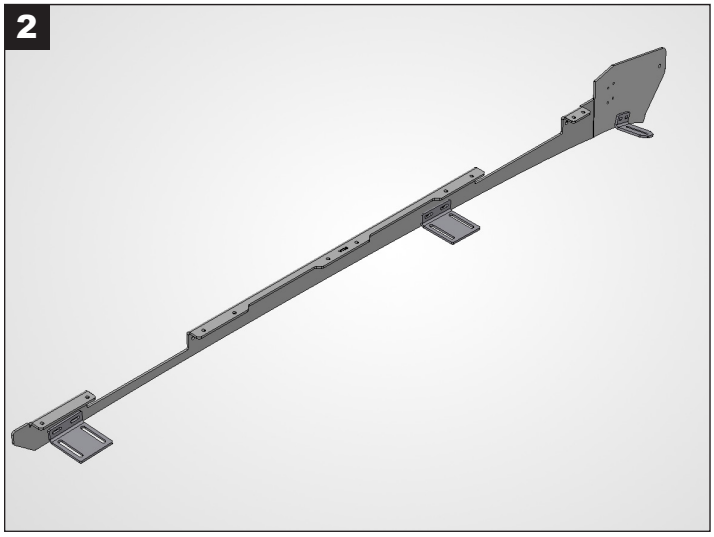
TOOLS NEEDED: METRIC WRENCH SET, METRIC ALLEN SET, TRIM PANEL REMOVAL TOOL, DRILL, DRILL STOP, RIVNUT TOOL, BLUE PAINTERS TAPE, CUTTING FLUID, RTV SEALANT

1



START BY ENSURING THAT YOU HAVE ALL THE NECESSARY TOOLS AND PIECES TO COMPLETE THE INSTALL. ASSEMBLE THE EXTRUSION PLATFORM AND SET ASIDE. YOU WILL ATTACH THE VEHICLE SPECIFIC SIDE RAILS TO THE EXTRUSION PLATFORM LAST, AS YOU WILL NEED THE SIDE RAILS TO MARK YOUR HOLES.

2

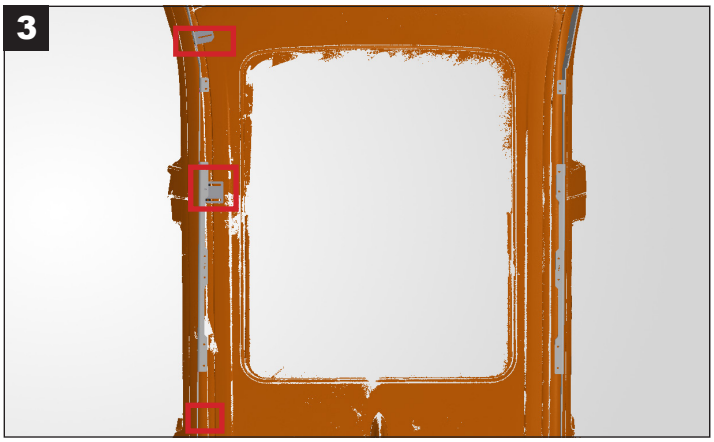


REMOVE ROOF TRIM IN THE DRIP RAIL. TAKE THE DRIVERS SIDE RAIL AND ASSEMBLE WITH THE L-BRACKETS. WITH THE ASSEMBLED SIDE RAIL, PLACE IT ATOP OF THE VEHICLE AND ALIGN PROPERLY. ONCE ALIGNED, GO AHEAD AND MARK THE CENTER OF THE SLOTS IN THE DRIP RAIL. REPEAT ON THE OPPOSITE SIDE.

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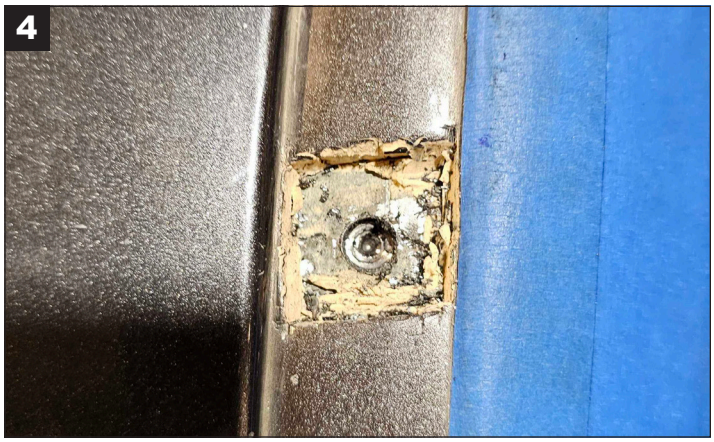
INSTALLATION INSTRUCTIONS

3



WITH THE MARKED HOLES IN THE DRIP RAIL, MAKE SURE THAT YOU FIND THE CENTER OF THE DRIP RAIL. START WITH A SMALLER DRILL BIT, HAVE PLENTY OF CUTTING FLUID, AND MAINTAIN A SLOW CONSISTENT SPEED. WORK YOUR WAY UP TO THE INCLUDED "Q" SIZE DRILL BIT. USE A DRILL STOP. THERE SHOULD BE A TOTAL OF 5 HOLES PER SIDE.

4



WITH ALL THE HOLES DRILLED, GO AROUND AND MAKE SURE TO CLEAN OFF ABOUT A .75" DIAMETER OF SEALANT AROUND THE DRILLED HOLE. ONCE CLEANED UP, INSTALL THE SUPPLIED RIVNUT WITH AN APPROPRIATE RIVNUT TOOL.

5



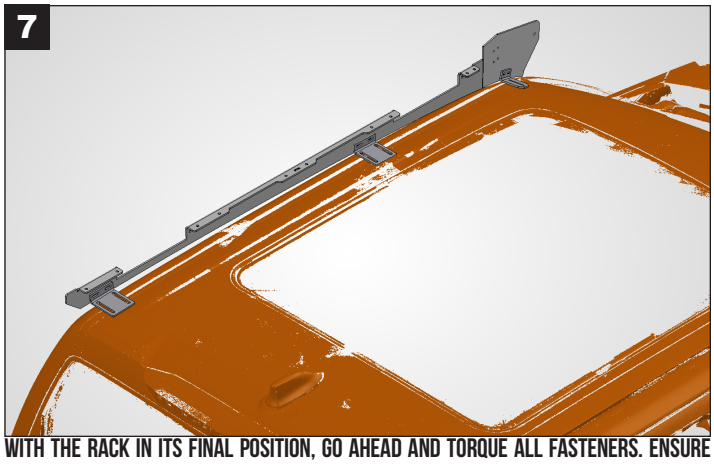
AT THIS POINT, TAKE THE SIDE RAILS AND ATTACH THEM TO THE BOTTOM OF THE EXTRUSION PLATFORM THAT WAS BUILT IN STEP 1. INSTALL THE INCLUDED ALUMINUM SPACERS ONTO THE VEHICLE OVER THE RIVNUT HOLE. BE SURE TO ADD A SMALL BEAD OF SEALANT AROUND THE BASE OF THE SPACER.

6



WITH THE HELP OF A FEW FRIENDS, LIFT THE ENTIRE EXTRUSION PLATFORM INTO PLACE. ALIGN THE L BRACKETS WITH THE APPROPRIATELY LOCATED SPACERS FROM STEP 5. ALIGN ALL PIECES AND START THREADING IN HARDWARE BY HAND.

7



WITH THE RACK IN ITS FINAL POSITION, GO AHEAD AND TORQUE ALL FASTENERS. ENSURE ALL DRILLED HOLES ARE SEALED OFF PROPERLY. IF THE CIRCLE KC LOGO WAS NOT INSTALLED EARLIER, YOU CAN GO AHEAD AND INSTALL THAT NOW.

8

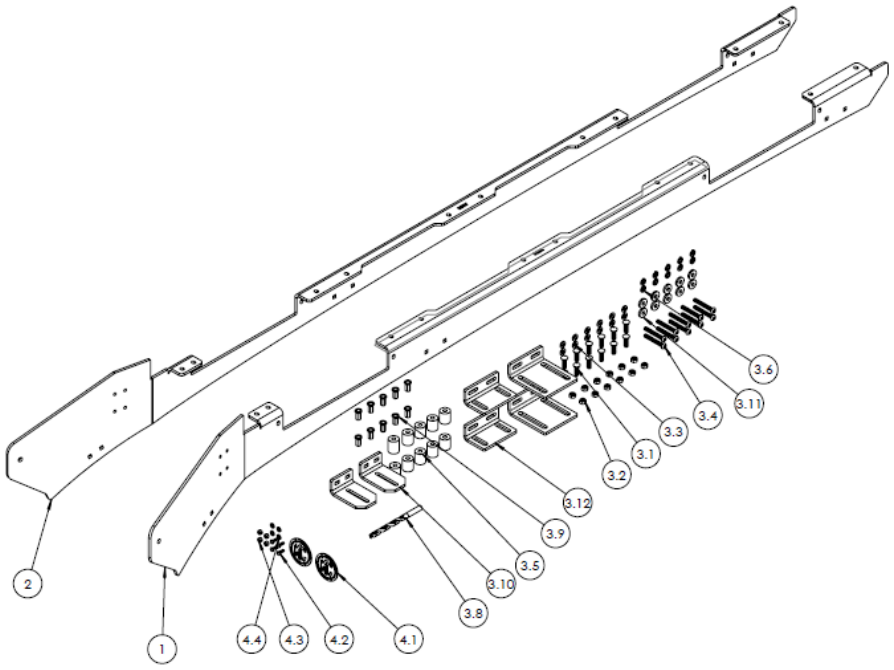


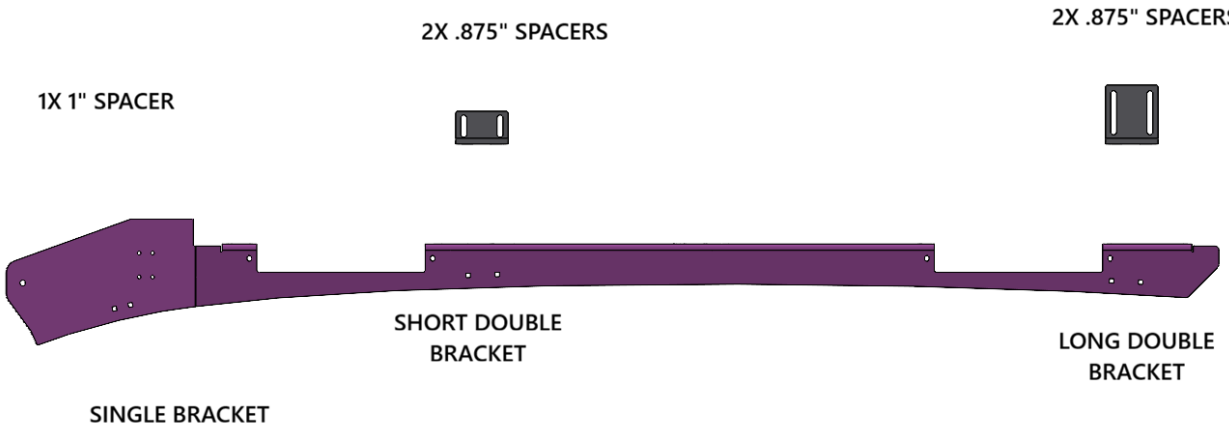
THE FINAL STEP IS TO MOUNT THE CURVED 9 LIGHT GRAVITY BAR. POSITION THE LIGHT IN PLACE, ADJUST BEAM TO DESIRED POSITION AND TIGHTEN. PRELOAD THE LIGHTBAR, AND DO FINAL ADJUSTMENT ON THE TWO BUMPSTOPS. ROUTE ALL WIRING FOR THE GRAVITY BAR AND SIDECAST LIGHTS AS DESIRED.

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INSTALLATION INSTRUCTIONS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	10-00296-01	BKT, SIDE RAIL, PL1, 22+ TUNDRA, DS	1
2	10-00296-02	BKT, SIDE RAIL, PL1, 22+ TUNDRA, PS	1
3	59-00276-10	HW KIT, PL1, TOY, TUNDRA	1
3.1	21-00026-04	CRG BOLT, M6-1.0 X 20MM, SS, BLK	12
3.2	23-00002-04	NYLOCK NUT, M6-1.0, STEEL, CLR ZNC	12
3.3	22-00002-07	FLAT WASHER, M6, SS, BLK	12
3.4	20-00005-13	SCRW, M6-1.0 X 45MM, BHCS, SS, BLK	10
3.5	32-00001-02	SPCR, 0.875IN LG, 0.75IN OD, 0.25IN ID, AL, BLK	8
3.6	22-00009-04	SPLIT LOCK WASHER, M6, SS, BLK	10
3.7	10-00215-03	L-BKT, 90DEG, 2X M8, 90L X 80W, 58MM SLT, 55.5MM	2
3.8	38-00006-01	DRILL BIT, G-BIT (0.332" OR 8.4328MM)	1
3.9	28-00002-01	RIV NUT, M6-1.0, SELF SEALING	10
3.10	10-00216-02	L-BKT, 90DEG, 1X M6, 75MM(L) X 50MM(W), 46MM SLT	2
3.11	22-00020-04	FNDR WSHR, SS, M6	10
3.12	10-00215-04	L-BKT, PL1, 2X M8, 90DEG, 50L X 80W, 25MM SLT, 55.5MM	2
3.13	32-00001-01	SPCR, 1IN LG, 0.75IN OD, 0.25IN ID, AL, BLK	2
4	59-00204-01	KIT, PL1, LOGO PLTS	1
4.1	10-00022-02	LOGO PLT, PL1, STL, BLK	2
4.2	20-00011-06	SCRW, M4-0.7 X 16MM, BHCS, SS, BLK	4
4.3	23-00002-02	NYLOCK NUT, M4-0.7, STEEL, CLR ZNC	4
4.4	22-00002-05	FLAT WASHER, M4, SS, BLK	4





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