

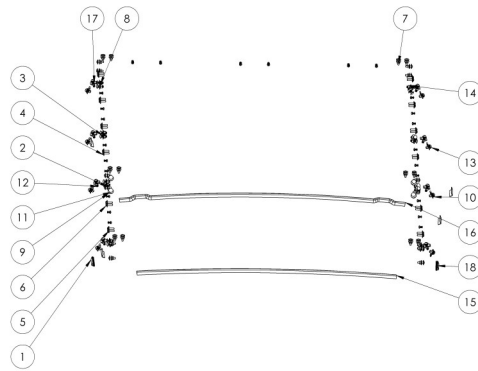


INSTALL INSTRUCTIONS

**Application : 2018+ JEEP JL 2 DOOR,
2018+ JEEP JL 4 DOOR, 2020+ GLADIATOR**

**ROOF RACK SYSTEM INSTALLATION:
518RRS60B (2 DOOR), 518RRS81B (4 DOOR), & 520RRS56B
(GLADIATOR)**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		Thin padding 2.5in	8
2	37407	#10-24 Zinc Finish Steel with External Tooth Lockwasher K-Lock Nut	30
3	94030	#10-24 x 1/2" ASTM F835 Hex Drive Zinc Finish Alloy Steel Button Socket Cap Screw	30
4	71063	1/4" 18-8 Stainless Steel Medium Spill Lock Washer	48
5	33004	1/4" x 0.734" OD Low Carbon Zinc Finish Steel USS General Purpose Flat Washer	72
6	24053	1/4" x 1" ASTM F835 Hex Drive Stainless Steel Button Socket Cap Screw	48
7	70710	1/4"-20 18-8 Stainless Steel Finished Hex Nut	24
8	71065	5/16" 18-8 Stainless Steel Medium Spill Lock Washer	36
9	1171015	5/16" 18-8 Stainless Steel Small OD Flat Washer	20
10	11545144	5/16" x 0.688" OD 18-8 Stainless Steel SAE Flat Washer	16
11	74430	5/16" 18 x 1" ASTM F593 18-8 Stainless Steel Round Head Carriage Bolt	20
12	73781	5/16" 18 x 1-1/4" ASTM F879 Hex Drive Grade 18-8 Stainless Steel Button Socket Cap Screw	8
13	0961807	5/16" 18 x 3/4" Stainless Steel Button Head Socket Cap Screw	8
14	1170711	5/16"-18 18-8 Stainless Steel Finished Hex Nut	20
15	DDA1501-44	EDPM Co-Extruded Flap-Seal Clamping range .039"-.99"	1
16	DDA1501-48	EDPM Co-Extruded Flap-Seal Clamping range .039"-.99"	1
17	94850A150	No-Slip Clip-On Barrel Nut, 5/16"-18 Thread Size, 0.5oz From Hole Center to Edge (McMaster)	16
18	RRTrim 3.5in	Same as flare trim	8

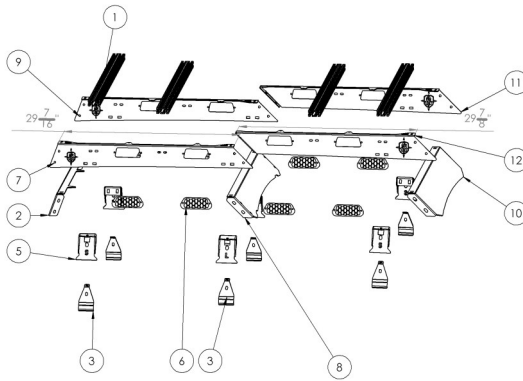


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UNDIMENSIONED ARE IN INCHES
 DIMENSIONS IN MILLIMETERS
 CHECKED: []
 THREE PLACE DECIMAL
 DRAWN: []
 TWO PLACE DECIMAL
 MATERIAL: []
 PROCESS: []
 FINISH: []
 NAME: []
 DATE: []
 TITLE: 2018+ JL 4 door Rack Bolt kit
 DWG. NO. B 518RRS818 BOLT KIT
 SCALE: 1:10
 SHEET 1 OF 1

**** ROAD ARMOR USE ONLY ****

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1020-UL-52X	1020-GROOVED BLACK 52"	4
2	500RRS-RDP_A	PLATE, REAR AIR DEFLECTOR	1
3	500RRS-GMP_A	PLATE, OUTER GUTTER MOUNT, RRS	6
4	500RRS-LGMB	BRACKET, LARGE INNER GUTTER MOUNT	2
5	500RRS-SGMB	BRACKET, SMALL INNER GUTTER MOUNT	4
6	500RRS-SM_A	MESH, ROOF RACK SYSTEM	11
7	518RRS-29	PSG RAIL 29"	1
8	500RRS-MDP	PLATE, STANDARD MID AIR DEFLECTOR	1
9	518RRS-29M	PSG RAIL 29"	1
10	500RRS-FDP_A	PLATE, STANDARD FRONT AIR DEFLECTOR	1
11	500RRS-30M	DS RAIL 30"	1
12	500RRS-30	PSG RAIL 30"	1

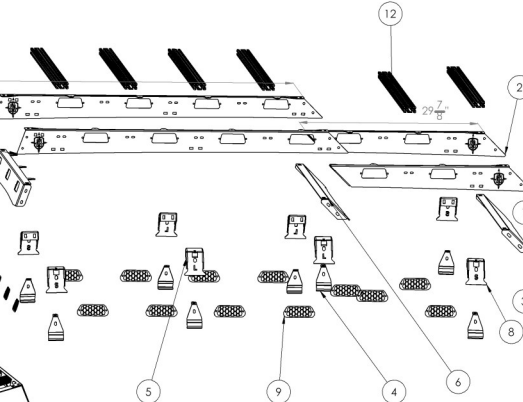


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UNDIMENSIONED ARE IN INCHES
 DIMENSIONS IN MILLIMETERS
 CHECKED: []
 THREE PLACE DECIMAL
 DRAWN: []
 TWO PLACE DECIMAL
 MATERIAL: []
 PROCESS: []
 FINISH: []
 NAME: []
 DATE: []
 TITLE: 2018-2022 Jeep Wrangler 2Dr Modular
 DWG. NO. B 518RRS608
 SCALE: 1:10
 SHEET 1 OF 1

**** ROAD ARMOR USE ONLY ****

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	500RRS-30	PSG RAIL 30"	1
2	500RRS-30M	DS RAIL 30"	1
3	500RRS-FDP_A	PLATE, STANDARD FRONT AIR DEFLECTOR	1
4	500RRS-GMP_A	PLATE, OUTER GUTTER MOUNT, RRS	8
5	500RRS-LGMB	BRACKET, LARGE INNER GUTTER MOUNT	4
6	500RRS-MDP	PLATE, STANDARD MID AIR DEFLECTOR	1
7	500RRS-RDP_A	PLATE, REAR AIR DEFLECTOR	1
8	500RRS-SGMB	BRACKET, SMALL INNER GUTTER MOUNT	4
9	500RRS-SM_A	MESH, ROOF RACK SYSTEM	15
10	518RRS-S1	PSG RAIL 51"	1
11	518RRS-S1M	DS RAIL 51"	1
12	1020-UL-52X	1020-GROOVED BLACK 52"	6

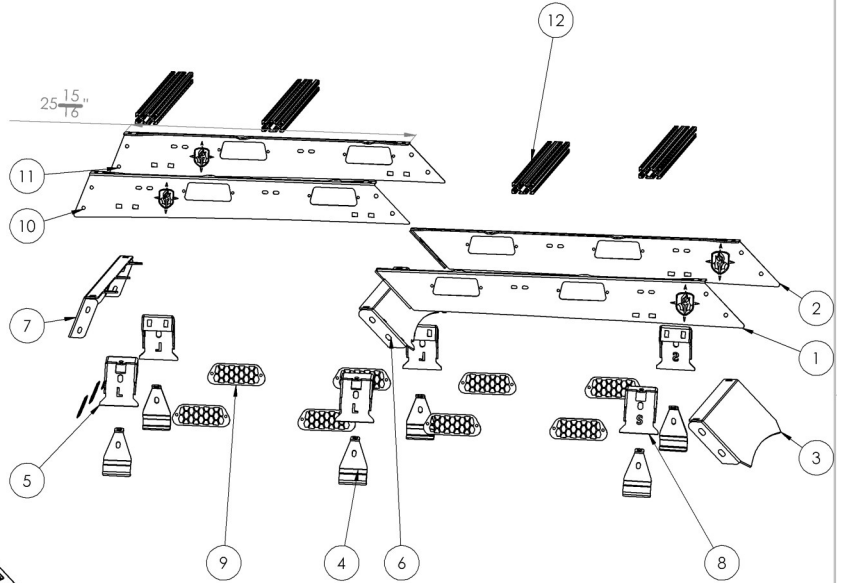
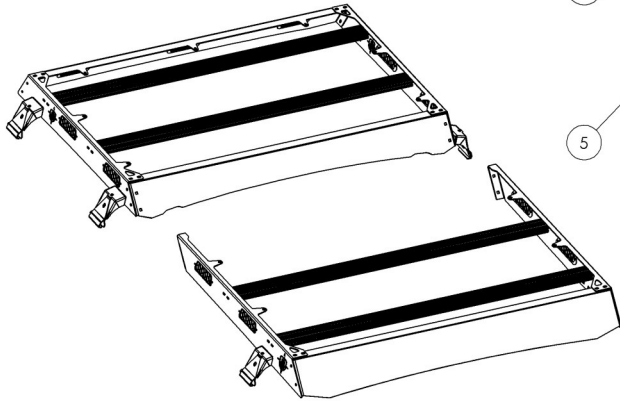


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UNDIMENSIONED ARE IN INCHES
 DIMENSIONS IN MILLIMETERS
 CHECKED: []
 THREE PLACE DECIMAL
 DRAWN: []
 TWO PLACE DECIMAL
 MATERIAL: []
 PROCESS: []
 FINISH: []
 NAME: []
 DATE: []
 TITLE: 2018-21 Jeep JL 4Dr RRS Modular Main
 DWG. NO. B 518RRS818
 SCALE: 1:10
 SHEET 1 OF 1

**** ROAD ARMOR USE ONLY ****

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	500RRS-30	PSG RAIL, 30"	1
2	500RRS-30M	DS RAIL, 30"	1
3	500RRS-FDP_A	PLATE, STANDARD FRONT AIR DEFLECTOR	1
4	500RRS-GMP_A	PLATE, OUTER GUTTER MOUNT, RRS	6
5	500RRS-LGMB	BRACKET, LARGE INNER GUTTER MOUNT	4
6	500RRS-MDP	PLATE, STANDARD Mid AIR DEFLECTOR	1
7	500RRS-RDP_A	PLATE, REAR AIR DEFLECTOR	1
8	500RRS-SGMB	BRACKET, SMALL INNER GUTTER MOUNT	2
9	500RRS-SM_A	MESH, ROOF RACK SYSTEM	11
10	520RRS-26	PSG RAIL, 55"	1
11	520RRS-26M	DS RAIL, 55"	1
12	1020-UL-52X	1020-GROOVED BLACK 52"	4



**** ROAD ARMOR USE ONLY ****

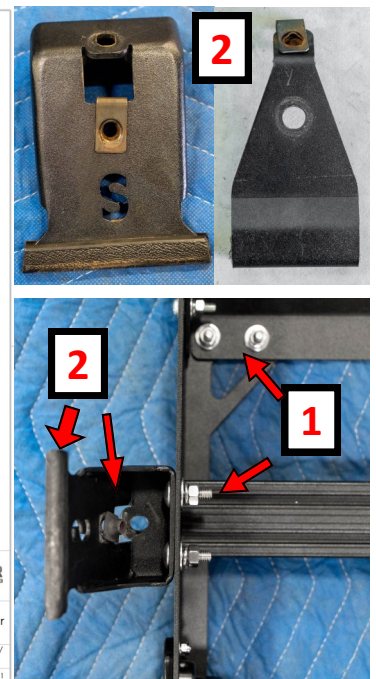
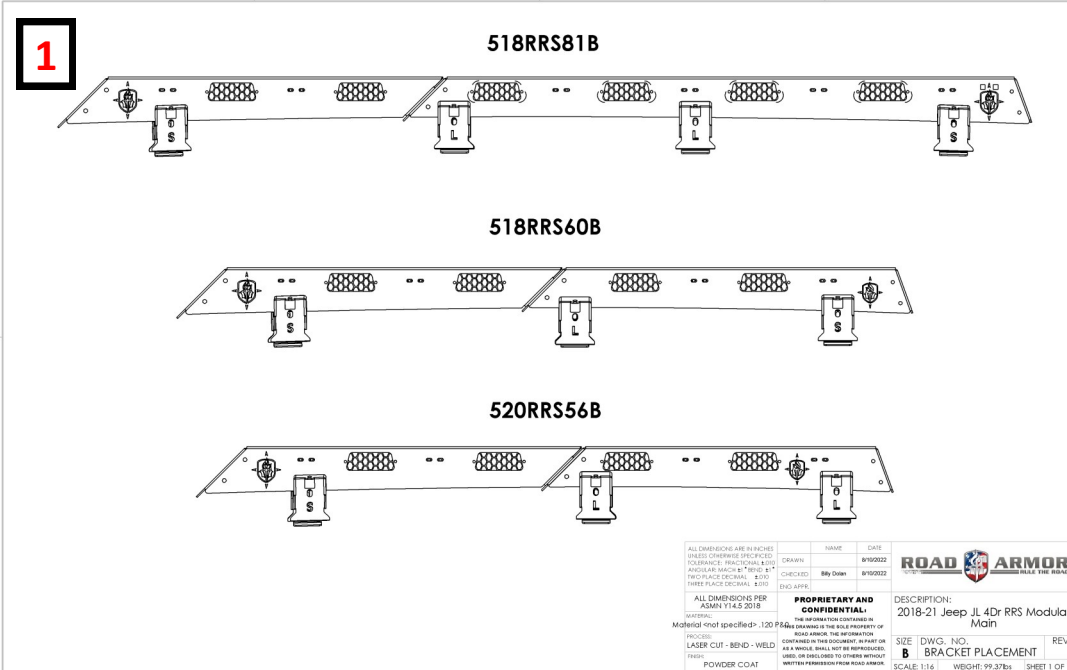
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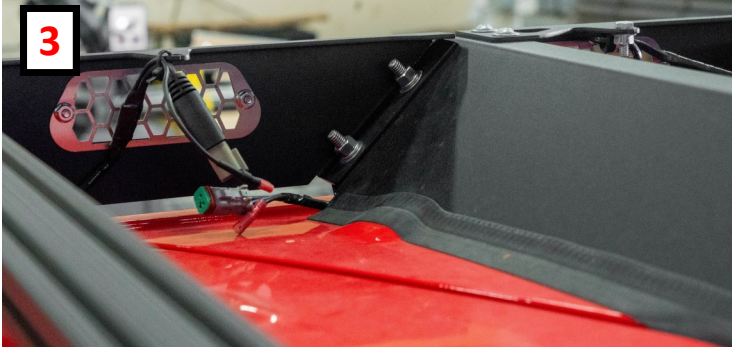


DIMENSIONS ARE IN INCHES		NAME	DATE
TOLERANCES:		DRAWN	C.M.F.
FRACTIONAL: ±		CHECKED	10/10/2020/1080/0021
ANGULAR: MACH ±	BEND ±	ENG APPR.	
TWO PLACE DECIMAL ±	THREE PLACE DECIMAL ±	SFG APPR.	
MATERIAL		PROCESS	
Material <not specified> 120 P&G		L.A.S. 2018	
FINISH		SCALE: 1:8	
POWDER COAT		WEIGHT: 76.68lbs	
DO NOT SCALE DRAWING		SHEET 1 OF 1	

ROAD ARMOR	
TITLE: 2020-21 Jeep Gladiator RRS Modular Main	
SIZE: B	DWG. NO. 520RRS56B
SCALE: 1:8	REV -00

- Loosely assemble all Roof Rack Components including Brackets (All Nuts and Bolts must be loose to install). Note Bracket placement depending on which Roof Rack System.
- Install all Lights, Mesh, Padding, Trim, and Panel Clips. (Light holes designed for Rigid SR-L or Equivalent)
- Place Both Modular Sections on Roof with Brackets in the Gutter System. Bolt together Front and Rear Sections.





4 To Secure Mounting Bracket, Start with the Top Bolt and Tighten until the Side Bolt can go in. **Note: Use thin Padding on the Inside of the Exterior Bracket so to not damage gutter or paint.**

5 Tighten All Bolts and Nuts.



Finished!