



INSTALLATION MANUAL



MADE IN CANADA

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DESCRIPTION:

**5TH GEN 4RUNNER
FULL ROOF RACK**

COMPATIBLE WITH:

2010+ TOYOTA 4RUNNER

DATE UPDATED:

OCTOBER 2020



4RUNNER FULL LENGTH ROOF RACK INSTALLATION

APPLICATION: 2010+ TOYOTA 4RUNNER

PARTS LIST	
DOUBLE SLOT 8020 BARS	4
SINGLE SLOT 8020 BAR	1
FRONT CLAMP MOUNT	2
FRONT FOOT	2
GUTTER BLOCKS	4
AIR DAM	1
SIDE PLATES	2
DOUBLE SLOT 8020 BARS	4
SINGLE SLOT 8020 BAR	1
FRONT CLAMP MOUNT	2
BLACK SS 5/16-18 X 1-1/4 BUTTON HEAD BOLTS	8
BLACK SS 5/16-18 X 3/4 BUTTON HEAD BOLTS	20
BLACK SS 5/16-18 X 5/8 BUTTON HEAD BOLTS	4
BLACK 5/16 - 18 T-SLOT NUTS	12
SS M8X50MM FLAT HEAD BOLTS	8
SS 3/8 X 1 BUTTON HEAD BOLTS	12
SS 3/8 WASHER	12
SS 5/16 WASHERS	34
SS 5/16 NYLOCK NUTS	8

TOOLS REQUIRED
METRIC / STANDARD ALLEN KEYS
9/16 WRENCH
CLEAR SILICONE
TAPE MEASURE
GREASE / BLUE LOCTITE
TIN SNIPS

TORQUE SPECS		
THREAD SIZE	HEX BOLT HEAD	TORQUE
6mm	10mm	8 ft/lb
8mm	12 or 13 mm	18 ft/lb
10mm	17mm	23 ft/lb
12mm	19mm	50 ft/lb
14mm	22mm	90 ft/lb
1/4 in	7/16 in	12 ft/lb
5/16 in	1/2 in	19 ft/lb
3/8 in	9/16 in	23 ft/lb
1/2 in	3/4 in	90 ft/lb

1. Remove factory roof rack by removing the 4 plastic covers and removing 8x 12mm head bolts.
2. Remove the front rubber gutter seals from both sides and mark a cut line at 21-3/4" and 24-1/2" from the REAR of the seal. Cut along both lines with tin snips and discard the ~2-3/4" piece left over.



FRONT

REAR

3. Clean area around factory roof rack mounting holes. Apply silicone to the bottom of the gutter blocks around the mount holes and install with supplied stainless flat head M8 bolts. Tighten until snug, do not overtighten. Blue Loctite recommended but not required.



4. Attach side rails to gutter blocks loosely with the 3/8 stainless steel button head bolts and washers. Use grease or blue Loctite.

5. Install the single slot cross bar at the rear of the rack using the ¾" black stainless-steel button head bolts with black nylon washers. Do NOT tighten yet. Use Blue Loctite.
6. Install 4 T-slot nuts into the front slot of the front crossmember (these will be used to mount the air dam) and install in the front most position of the rack.
7. Install the trimmed rubber gutter strips from step 2 with dabs of silicone on the backside.
8. Install the front foot and clamp plate using the 1-1/4" bolts (image is the inside of the rack) Do NOT tighten fully. Use grease to prevent galling between the nut and bolt.



9. Install the air dam with 1-1/4" bolts through the side rails and 4x 5/8" long bolts through the top and into the t-nuts inserted previously into the front crossmember rail. Use grease for the side bolts and Loctite for the top.
10. Install remaining crossmembers and t-slot nuts positioned to suit your applications.
11. Tighten all black stainless hardware first followed by the 12x 3/8"

INSTALL COMPLETE