



## INSTALLATION MANUAL



MADE IN CANADA

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**DESCRIPTION:**

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

**COMPATIBLE WITH:**

**2010+ TOYOTA 4RUNNER**

**DATE UPDATED:**

**OCTOBER 2020**



# 4RUNNER HALF ROOF RACK INSTALLATION

**APPLICATION: 2010+ TOYOTA 4RUNNER**

| <b>PARTS LIST</b>                          |    |
|--|----|
| DOUBLE SLOT 8020 BARS                      | 3  |
| SINGLE SLOT 8020 BAR                       | 1  |
| GUTTER BLOCKS                              | 4  |
| SIDE PLATES                                | 2  |
| DOUBLE SLOT 8020 BARS                      | 4  |
| SINGLE SLOT 8020 BAR                       | 1  |
| 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 M8 X 50MM FLAT HEAD BOLTS               | 8  |
| SS 3/8 X 1 BUTTON HEAD BOLTS               | 12 |
| SS 3/8 WASHER                              | 12 |
| SS 5/16 WASHERS                            | 16 |

| <b>TOOLS REQUIRED</b>        |
|------------------------------|
| METRIC / STANDARD ALLEN KEYS |
| 9/16 WRENCH                  |
| CLEAR SILICONE               |
| TAPE MEASURE                 |
| GREASE / BLUE LOCTITE        |
| TIN SNIPS                    |

| <b>TORQUE SPECS</b> |                      |               |
|---------------------|----------------------|---------------|
| <b>THREAD SIZE</b>  | <b>HEX BOLT HEAD</b> | <b>TORQUE</b> |
| 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 remaining crossmembers and t-slot nuts positioned to suit your applications.
9. Tighten all black stainless hardware first followed by the 12x 3/8"

INSTALL COMPLETE