

INSTALLATION MANUAL



MADE IN CANADA

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DESCRIPTION:

5th GEN 4RUNNER LADDER

COMPATIBLE WITH:

2010+ TOYOTA 4RUNNER

DATE UPDATED:

JULY 2021



4RUNNER LADDER INSTALLATION GUIDE

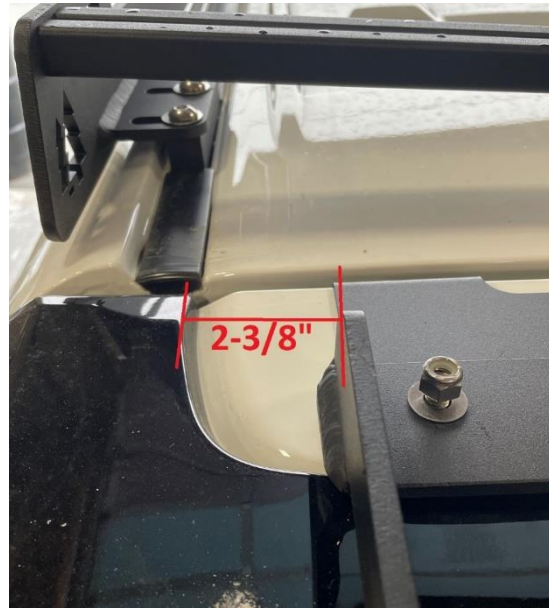
APPLICATION: 2010+ TOYOTA 4RUNNER

PARTS LIST	
LADDER	1
HATCH TOP MOUNT	1
HATCH BOTTOM MOUNT	1
5/16-18 X 1 BUTTON HEAD	2
5/16 FLAT WASHER	6
¼-20 X 3/8 BUTTON HEAD	2
5/16-19 NYLOCK NUT	4

TOOLS REQUIRED
STANDARD SOCKETS OR WRENCHES
ALLEN KEYS
MASKING TAPE

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 bottom and top clamp plate completely.
2. Clean top and bottom of hatch thoroughly. Note: For best adhesion, wipe down top of hatch with rubbing alcohol or brake clean and allow to dry completely.
3. With the hatch closed, adhere the ladder top on the hatch spaced 2-3/8" from the plastic spoiler, ensuring the hooks are tight on the top of the hatch.



4. Remove the double-sided tape backing from the bottom of the ladder, place ladder over studs on hatch mount without letting the bottom of the ladder contact the hatch. Pull the ladder downwards and towards the hatch so that it is flush with the bottom, it is helpful to have a second set of hands to install the bottom clamp plate while the ladder is held in place. (The ladder will appear to be too short before pulling it into position, this is so the ladder is pre-loaded when installed to ensure a tight clamping force on the hatch).



5. Install 5/16 button head bolts with washers and nuts on bottom of ladder and clamp plate and tighten until there is no gap between the plates but still allowing movement.
6. Tighten the two set screws in the bottom clamp plate until the ladder is pressed against the hatch and the hooks of the clamp plate are touching the inside of the hatch. **DO NOT OVER TIGHTEN.**
7. Tighten the bolts between the ladder and lower clamp plate and install the washers and nuts on the top of the ladder.

INSTALLATION COMPLETE

