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2010 – 2016 Toyota 4Runner Platform Roof Rack w/ Air Dam

P/N 10915

Kit Contents:

<u>Item</u>	<u>Qty</u>	<u>Item</u>	<u>Qty</u>
3/8" x 1" Hex Bolt	12	Platform Rack	1
3/8" USS Flat Washer (Large)	16	8mm x 25mm Button Head Screw	8
3/8" Nyloc Nut	12	3/8" Flat Washers SAE (Small)	16
Mounting Bracket (Driver & Passenger)	2	Air Dam	1

Installation Instructions:

Please read all instructions thoroughly prior to beginning the installation process. These instructions include the procedure for removing the Toyota roof rack from your 4Runner. If your vehicle is not equipped with a factory roof rack, you may skip to step 4 of the instructions and begin removing the channel trim.

Factory Roof Rack Removal:

1. If you have a factory roof rack, it will need to be removed. Using a tape-wrapped putty knife or some other soft, flat edge remove the rack mount covers at each corner by slipping the edge between the plastic cover and rubber base and prying outward as shown. (figure 1)
2. (optional) Remove the rubber bumper strip from the cross bar channel allowing the cross bars to be loosened and slid out the back of the factory rack. The rack can also be removed as one piece if needed, as described in step 3 below. (figure 2)
3. Unbolt the 8 bolts attaching the factory rack to the roof channels and remove the factory roof rack. The factory hardware will not be reused. (figure 3)

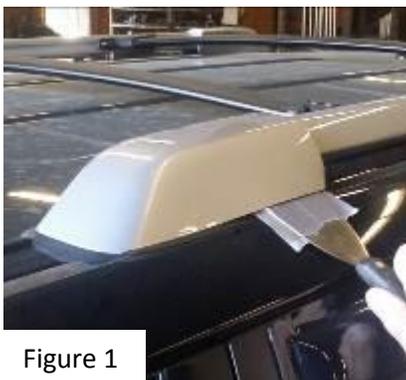


Figure 1



Figure 2



Figure 3

Rack Mount Installation:

4. Skip this step if you have a factory roof rack. If you do not have a factory roof rack, remove ditch moldings by using a tape-wrapped flathead screwdriver or some other soft, flat edge. This will reveal 8 well nuts (4 driver's side & 4 passenger's side). Trim the molding if necessary to make sure that the platform rack mounts will fit in the opening.
5. Clean the area around the well nuts and apply some RTV silicone sealant around each of the well nuts, to prevent rusting and water leaks. We recommend clear or body color RTV silicone for the cleanest install, but any silicone based sealant will work. (figure 4)
6. Locate your mounting brackets. These will have tabs and a lip facing inwards with a stamped "WP" towards the rear of the vehicle.
7. Starting with the driver's side, position the mounting bracket by positioning the holes in the feet of the mount OVER the plastic sleeves at the roof mounting points and loosely attach to the [4] well nuts using the included 8mm bolts and 3/8" SAE (Small) Flat Washers. A dab of Loctite or other thread locker is recommended on each of the 8mm bolts attaching the rack mounts to the vehicle roof. A long handled allen key or allen socket with ball end (5mm) will be helpful for installing this hardware. (figure 5 & 6)
8. Tighten bolts. Tightening till snug by hand should be fine, however, for reference the torque should be approx. 14 ft-lbs. Repeat steps 6 and 7 for the passenger side.



Figure 4



Figure 5



Figure 6

Air Dam Installation:

9. At this time install the included Air Dam onto the Platform. Position Air Dam at front of rack, with the mounting brackets located BELOW the corner plates of the rack.
10. Insert four 3/8" x 1" bolts with USS washers through the holes/slots provided. Place a washer and Nyloc nut on each bolt under the mounting bracket. (Do not fully tighten at this time.)
11. Position Air Dam so that there is a constant gap size between the Air Dam skin and the leading tube of the platform rack. Fully tighten all hardware once you are happy with the position/gap. (This gap will provide clearance at the front tube for ropes, straps, and hooks to secure your load. The gap will be approximately 3/4" with the Air Dam positioned completely forward in the mounting slots.)

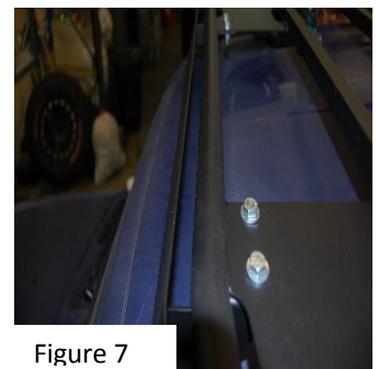


Figure 7

Platform Installation:

12. Place the platform on the roof mounts with the angled platform tube facing forward. It helps to have a spare set of hands for this step.
13. Starting with the driver's side, loosely start the 3/8" bolts and one USS washer per bolt from the top, through the slots in the rack mounting bucket and through the corresponding tab holes in the mount. The bolts should be placed in through the center row of slots (Front-to-Rear), and in the two inner-most slots (Side-to-Side) as shown at the right (figure 8). After the bolts are correctly positioned, place another USS washer and then a Nyloc Nut on each bolt under the tab of the mounting bracket. Do not fully tighten until all hardware has been started.
14. Repeat step 13 for opposite side.
15. Visually align platform and tighten all hardware.
16. Installation Complete. Enjoy your Warrior Products Platform Rack!

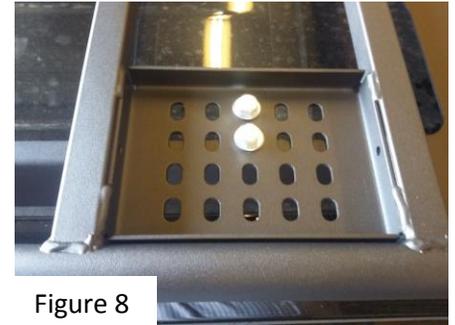


Figure 8



If you need further assistance installing your product, please contact us by email at customerservice@warriorproducts.com or call us at (888) 220-6861.

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