

ADDICTIVE DESERT DESIGNS

2007 – Current Jeep Wrangler MaxRax Roof Rack Installation Instructions

PREPARATION STEPS

1. Disconnect the negative terminal on the battery. Park the vehicle on level ground and set the emergency brake.
2. We recommend reading through the installation instructions in whole before performing the work.
3. You will need the following tools:
 - a. 13mm Socket or Wrench
 - b. 7/32" Allen Wrench or Allen Key Socket
 - c. 9/16" Socket or Wrench
 - d. 1/2" Socket and Wrench
 - e. Ratchet
 - f. Utility Knife

Note: This installation requires 2 people for best results

4. Included in Kit:

2	– 5/16"-18 x 2 1/4" Hex Head Bolts
4	– 5/16" Stainless Flat Washers
2	– 5/16"-18 Nylon Locking Nuts
48	– 3/8-16 x 1" Button Head Bolts
48	– 3/8" Nylon Locking Nuts
48	– 3/8" Stainless Flat Washers

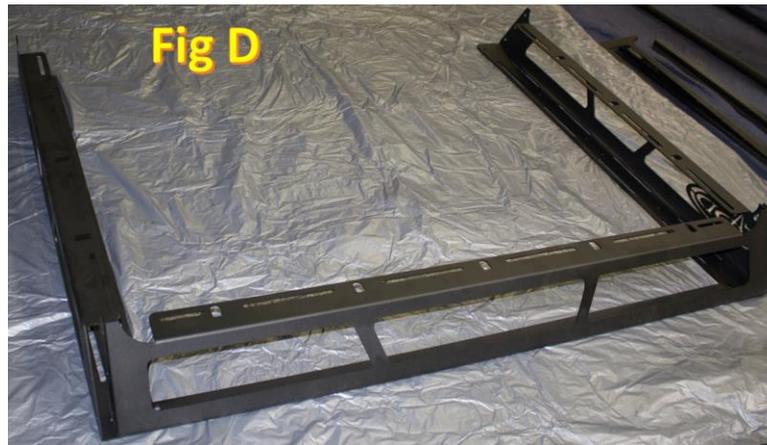
ROOF RACK ASSEMBLY INSTRUCTIONS

1. First, line one of the sides up with one of the main cross members to form a right angle. Line the bolt holes up, then start installing the supplied 3/8-16 x 1" Bolts (x5), 3/8" Washers (x5), and 3/8" Nylon Locking Nuts (x5). There are 3 along the sides and 2 on the bottom portion of each corner. Refer to Fig A, Fig B, and Fig C.

****Leave bolts finger tight until every bolt is installed**



2. Take the other side (with the A.D.D. symbol on it) and line it up the same way. Install the supplied 3/8-16 x 1" Bolts (x5), 3/8" Washers (x5), and 3/8" Nylon Locking Nuts (x5) for this corner. Refer to Fig D.



3. Line the last cross member up so the bolt holes line up with both sides and install the supplied 3/8-16 x 1" Bolts (x10), 3/8" Washers (x10), and 3/8" Nylon Locking Nuts (x10) for both corners.
4. Lay the first rail so that the bolt holes in it line up with the mounting holes drilled in each side bar. Install the supplied 3/8" bolts (x4), 3/8" washers (x4), and 3/8" locking nuts (x4). Refer to Fig E.

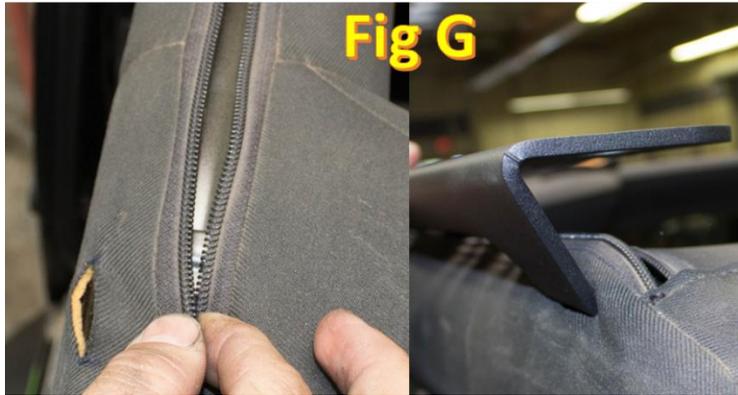
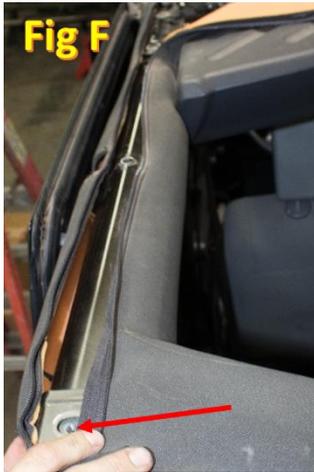
**Remember to still leave the bolts finger tight until every bolt is installed



5. Repeat step 4 with the second and third rails.
6. Go back and tighten every bolt to 30 foot-pounds.
7. Your roof rack is now assembled, and it is time to start installing it.

ROOF RACK INSTALLATION INSTRUCTIONS

1. Unzip any protective covering to expose the metal roll bar.
2. Install the rear bracket.
 - a. Remove the factory bolt that is referred to in Fig F and save the bolt for reuse.
 - b. Using a utility knife, cut slits the size of the bracket mounting ears in the roll bar's protective covering. Refer to Fig G.



- c. Install the rear bracket using the factory bolt that was removed in Step 2a for the rear mounting location and the supplied 5/16" bolts (x1), 5/16" Washers (x1), and 5/16" Locking Nut (x1) for the front mounting location. Slide the mounting ears through the slits you have cut on the protective covering. Refer to Fig G and Fig H
- d. Repeat Steps 2a – 2c on opposite side.



3. Install front bracket.
 - a. Remove the two factory bolts in the locations referred to in Fig I.
 - b. Using a utility knife, cut two slits the size of the bracket mounting ears in the roll bar's protective covering. Refer to Fig I.
 - c. Slide the bracket mounting ears through the slits you have cut in the previous step and use the two factory bolts to install the front bracket.
 - d. Re-zip the roll bar's protective covering.
 - e. Repeat Steps 3a – 3d on opposite side.



4. Install the Roof Rack
 - a. Remove the bolts (x2), nuts (x2), and washers (x2) referred to in Fig K before installation and save them for reinstallation later.
 - b. Position the Roof Rack on the mounts so that the long slots in the roof rack's side bars line up with the bolt holes in the mounting brackets. Refer to Fig L.



- c. Install supplied 3/8-16 x 1" Bolts (x16), 3/8" Washers (x16), and 3/8" Nylon Locking Nuts (x16). Reinstall the bolts (x2), nuts (x2), and washers (x2) removed in Step 4a. Install all bolts/nuts finger tight until they are all installed, then tighten them all to 30 foot pounds.
5. Stand back and enjoy your new ADD MaxRax Roof Rack.

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