

Preparation:

- Disconnect the negative battery terminal. Park the vehicle on level ground and set the emergency brake.
- We recommend reading through the installation instructions in whole before performing the work.
- When button head bolts are being used, install the supplied washer on the nut side. Then, hold the bolt stationary and only turn the nut to tighten. Do not turn the bolt to tighten hardware assembly, unless otherwise noted.
- Estimated Installation Time: **2 Hours for Assembly/Installation**

Additional Time Required to Install any Accessories

*****This installation requires 2 people for best results*****

*****Labor Rates are based on a vehicle with no pre-existing damage. Wiring labor is based on a standard wiring procedure with light switches installed in an easily accessible location. Custom light triggering or switch mounting location will result in a greater labor charge.*****

You will need the following tools:

- Ratchet
- 5/16" Allen Wrench/Socket
- 7/32" Allen Wrench/Socket
- T30 Torx Socket
- 9/16" Socket or Wrench

Included in Kit:

- 48** - Button Head Bolts (3/8"-16 x 1")
- 48** - Flat Washers (3/8")
- 48** - Nylon Lock Nuts (3/8"-16)
- 12** - Button Head Bolts (1/2"-13 x 1")
- 12** - Flat Washers (1/2")
- 12** - Square Rack Mount Nuts (1/2"-13)
- 3** - Chase Rack Cross Members
- 2** - Chase Rack Side Pieces

Installation:

1. Set both of the side pieces on the ground or a work bench and set the first cross member in place as shown in (Fig A). Use the supplied 3/8" Bolts (x16), 3/8" Washers (x16), and 3/8" Lock Nuts (x16) to secure the cross member. **Leave these bolts loose for now.**

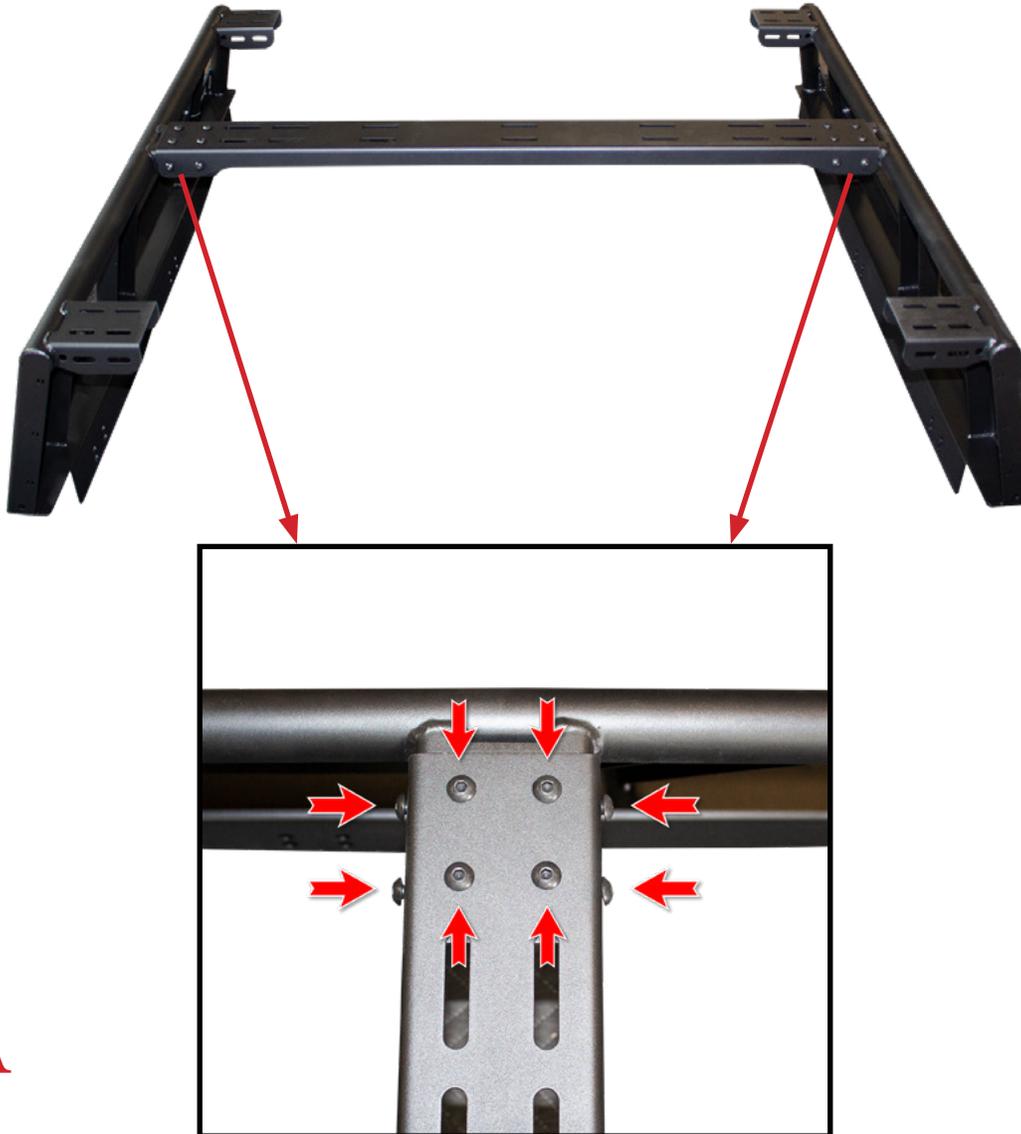


Fig A

2. Repeat the first step with the remaining two cross members so your rack looks like the one in (Fig B). **Leave these bolts loose still.**



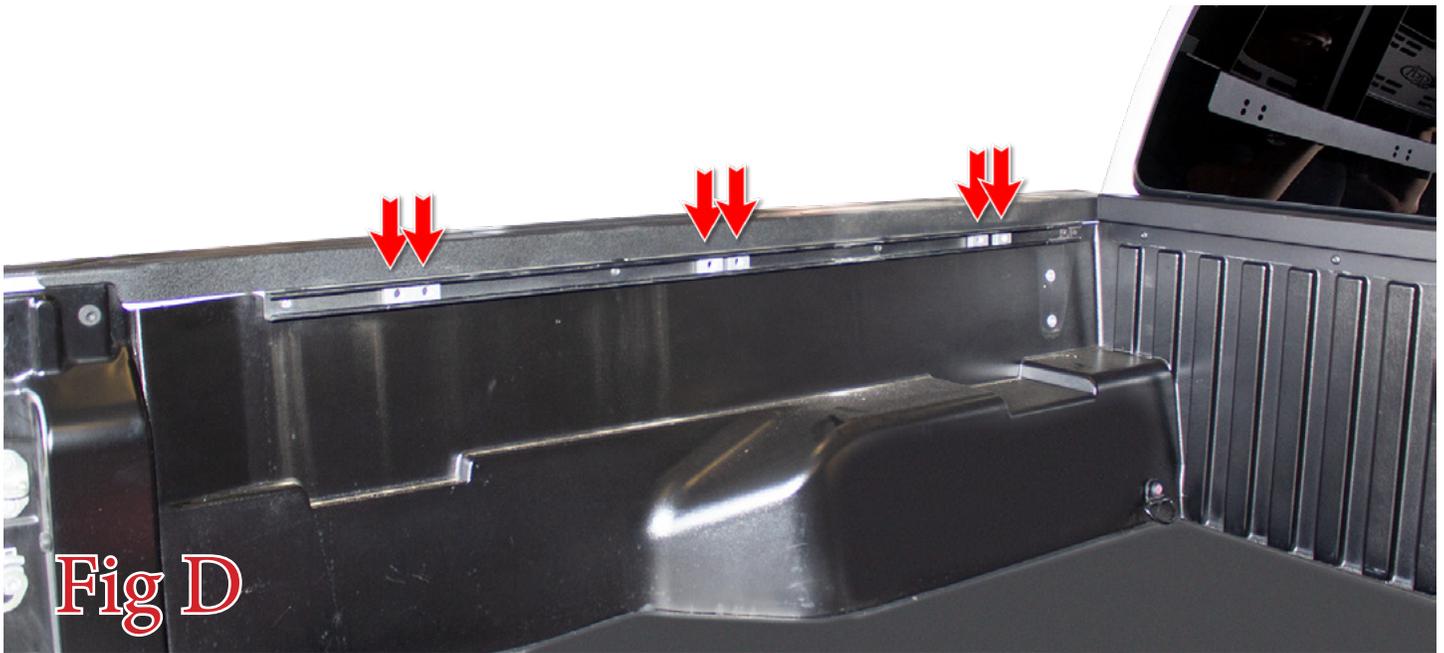
Fig B

3. Using a T30 Torx Socket, remove the three rear rail bolts (Fig C).



Fig C

4. Slide the Square Rack Nuts (6 per side) into their approximate positions in the rail as shown in (Fig D). **Then, reinstall the bolts from the previous step.**



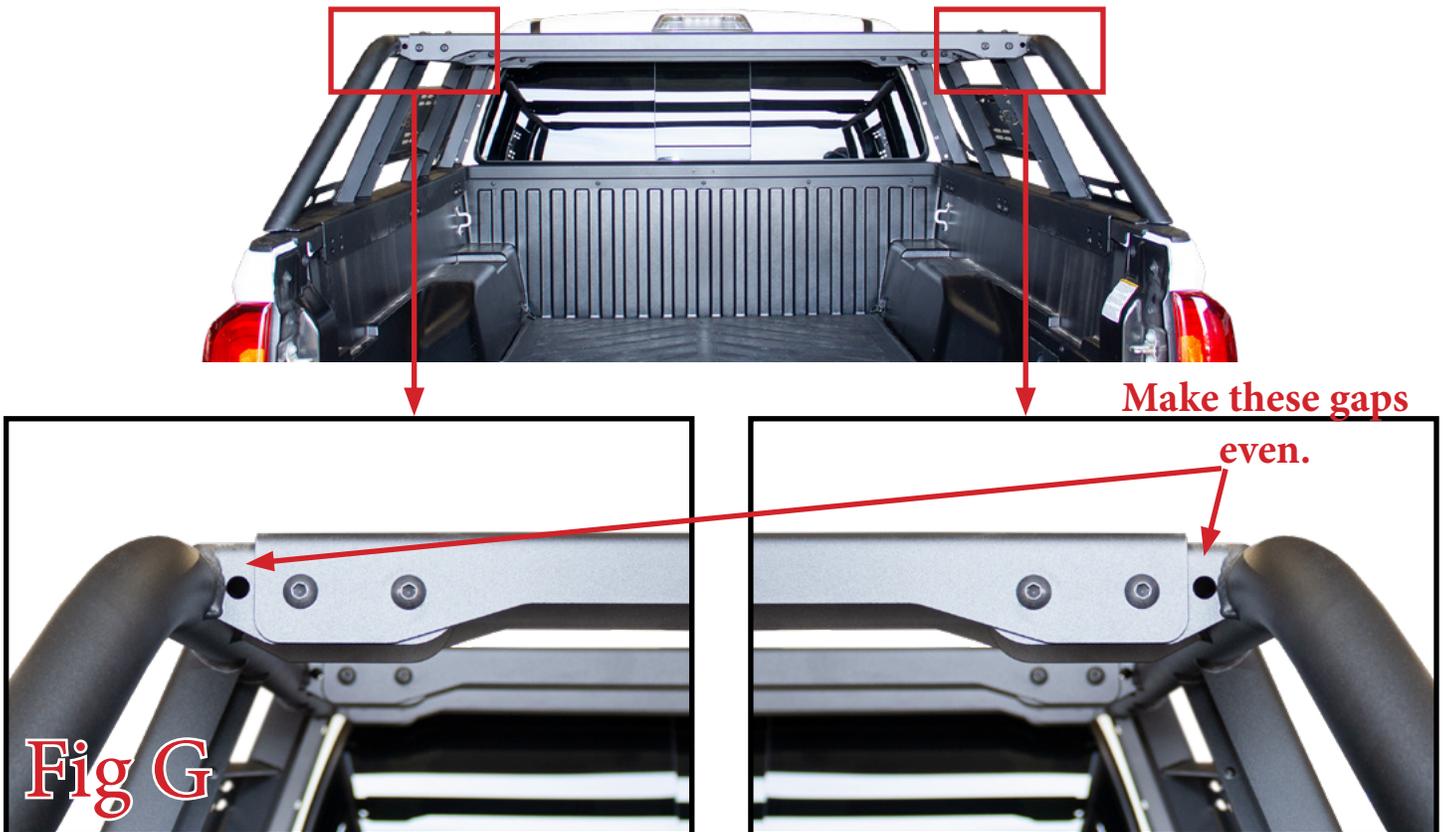
5. Set the rack in place on the vehicle. Position the rack so there is a 3 inch gap between the back of the cab and the front face of the rack. (Fig E)



6. Install the supplied 1/2" Button Head Bolts (6 per side) and 1/2" Washers (6 per side). Once all the bolts are loosely installed, tighten them to 57 foot pounds. (Fig F)



7. Center the cross members, so that the gap between the cross member and side tubes is even on both sides. (Fig G)



8. Go back and tighten the 3/8" Bolts (from Steps 1 & 2) to 30 foot pounds.
9. Stand back and enjoy your new ADD-Lander™ Overland Rack.
10. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.

