

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.
- If washers are used the head side of a bolt, please ensure the washer does not rest on a weld when it is in its final tightened position.

- Estimated Installation Time: **2 Hours for Assembly and Installation**
1 Additional Hour to Third Brake Light

*****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:

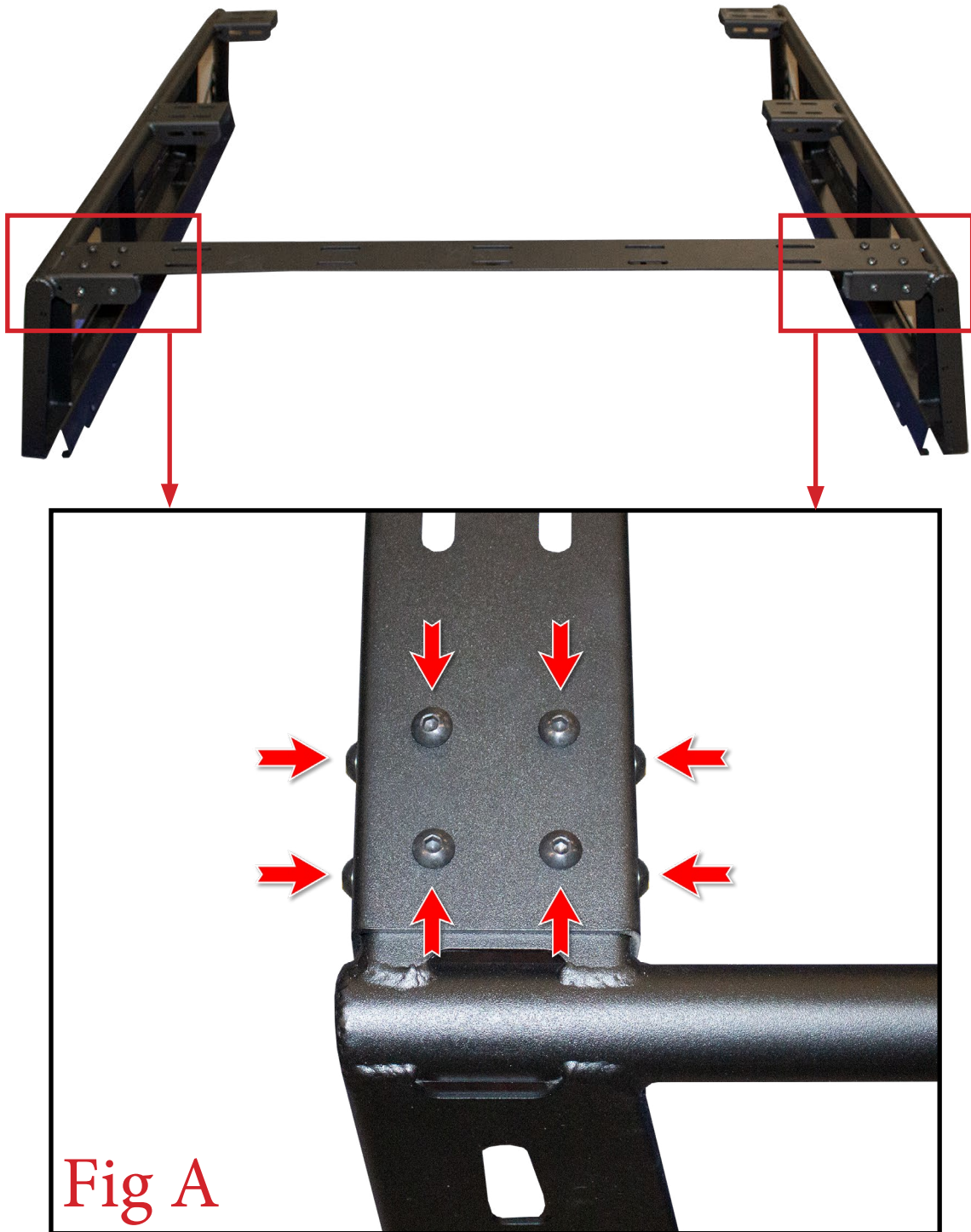
- Ratchet
- 9/16" Socket & Wrench
- 5/16 Allen Wrench/Socket
- 3/4" Wrench

Included in Kit:

- | | | | |
|-----------|--|-----------|--|
| 48 | - Black Button Head Bolts (3/8"-16 x 1") | 48 | - Black Washers (3/8") |
| 48 | - Black Nylon Lock Nuts (3/8"-16) | 12 | - Black Button Head Bolts (1/2"-13 x 1 1/2") |
| 12 | - Black Washers (1/2") | 12 | - Black Nylon Lock Nuts (1/2"-13) |
| 4 | - Chase Rack Backer Plates | | |

Assembly:

1. Connect the front-most cross member to both side pieces. Use the supplied 3/8" Bolts (x16), 3/8" Washers (x16), and 3/8" Lock Nuts (x16). Leave these bolts loose for now. (Fig A) **The front-most cross member is the one with the cut out sidewall. The cut out sidewall goes towards the rear glass of the vehicle.**



2. Repeat Step 1 with the center cross member. The center cross member has both side walls and does not have a third brake light cutout. Use the supplied 3/8" Bolts (x16), 3/8" Washers (x16), and 3/8" Lock Nuts (x16). Leave these bolts loose for now. (Fig B)



Fig B

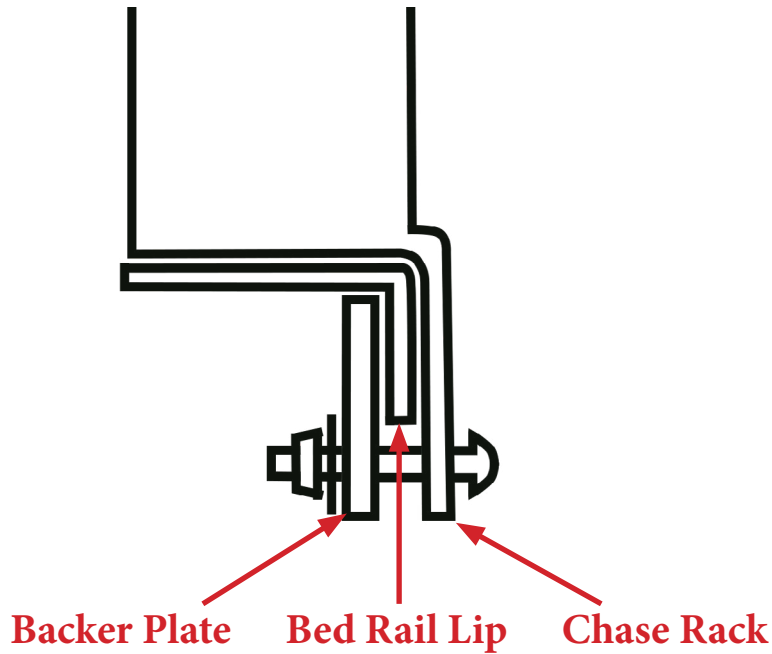
3. Repeat Steps 1 & 2 with the rear cross member. The rear cross member has the third brake light cut out in it. Use the supplied 3/8" Bolts (x16), 3/8" Washers (x16), and 3/8" Lock Nuts (x16). Leave these bolts loose for now. (Fig C)



Fig C

Installation:

4. Set the assembled rack in place on the vehicle. Then, find all four backing plates. Set the backing plates in position so that the chase rack and the backing plates sandwich the bed rail lip. Use the supplied 1/2" Bolts (3 per plate), 1/2" Washers (3 per plate), and 1/2" Lock Nuts (3 per plate). Once all 1/2" hardware has been loosely installed, go back and torque them to 70 foot pounds. (Fig D)



5. Go back and tighten all the 3/8" assembly bolts to 30 foot pounds.
6. If you purchased a light with your rack, you can install that now. Please follow the light manufacturer's guide for mounting and wiring information.
7. Stand back and enjoy your new ADD Overlander Chase Rack.
8. Check and re-tighten, if needed, all mounting bolts after 100 miles and periodically thereafter.

