

# TUCKRACK,LLC

## Operations & Usage Manual

**Read and understand this entire manual before assembling, installing, operating, or servicing this product.**

### Save this Manual

Keep this manual for the safety warning and precautions. The manual offers important information about how to assemble, use and maintain TUCKRACK. Keep this manual in a safe place.

842 Main Street  
Winchester, MA 01890

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# About

TUCKRACK, LLC is the sole owner and entity of TUCKRACK products based out of Winchester, MA.

Products sold by TUCKRACK, LLC are:

1. TUCKRACK Front & Rear Rack
2. TUCKRACK Rear Rack

The guidelines below apply to all the products listed above.

# Materials

## Frame

The frame is 11 gauge steel, and ¼" steel.  
Manufactured in the United States of America.  
All powder coated parts are fully sandblasted.

## Pins

The frame uses magnetic steel pins.

## Bolts & Nuts

18-8 Stainless steel nuts and bolts are used to connect to truck.

When unpacking your TUCKRACK, each component should be thoroughly inspected. If any parts or components appear to be damaged or missing, DO NOT continue with installation. Notify TUCKRACK, LLC immediately in the case of missing or damaged parts. Please show photos with any inquiry.

TUCKRACK, we reserve the right to make design changes at our discretion. The actual product may or may not differ in some parts that will not affect how TUCKRACK will be used.

# Safety / Warnings

TUCKRACK is designed to be used with normal operating procedures.

**WARNING: Carrying high loads over rough roads with excess speed may damage TUCKRACK or compromise the security of items loaded on the TUCKRACK. Adapt your speed to the conditions of the road and the load being carried.**

**Good judgment must be exercised at all times.**

Normal Operating Procedures:

1. Do not exceed 500 lbs of weight on TUCKRACK Front & Rear Rack. If using TUCKRACK Front Rack or TUCKRACK Rear Rack paired with another manufacturer's cab rack or truck rack, the weight should not exceed 200 lbs of weight.
2. Make sure that the vehicle is in a safe, level location, away from traffic, with engine OFF and parking brake set, before assembling, set-up, and while loading or unloading the TUCKRACK.
3. Always inspect prior to using, all bolts must be tight, all magnetic pins must be used. Magnets will attract small particles, the pins need to be kept clean for proper magnetic holding ability.
4. Properly secure your items onto the rack. Properly secured is defined as using the appropriate tie downs to prevent movement of the items on the rack as a vehicle is driven. Drivers should always drive with caution when items are on TUCKRACK. Items not properly installed or vehicle driven recklessly are not TUCKRACK's responsibility.
5. The length and shape of what you are carrying should be handled responsibly, never carry anything that is dangerously long or too tall. Check your local and state codes for dimensions of legal overhanging and height for your vehicle.
6. TUCKRACK is designed only to hold items simultaneously on top of both front and rear racks, never place items on front or rear separately.
7. Never use TUCKRACK to pull anything.
8. Rear TUCKRACK can be used with another manufacturer's cab guard, or headache rack. You will need to check with other manufacturers on the weight limit of their racks.
9. TUCKRACK is never to be used to stand on or to be used as a prop for anything.
10. Always take precautions to not get hands, fingers or any body parts hurt while set up and takedown.
11. Professional installation is recommended.
12. TUCKRACK is made from carbon steel, always inspect for rusting that may compromise safety, if severe rusting occurs which could happen over time and in salt water areas, do not use it.
13. Lower and store the TUCKRACK and accessories when they are not in use and before entering automatic car washes.
14. Do not modify the TUCKRACK and do not use this product for purposes that it was not designed for. Never load people or animals onto the TUCKRACK.

# Usage

TUCKRACK is designed for simple setup and removal.

1. Lift arm bars by first removing the magnetic pin. Lift bar to align top holes and install magnetic pin securely. Do this to both right and left arm bars.
2. Attach the top bar to the right and left arm bars simultaneously tight to the seat. Install right and left magnetic pins securely.
3. At every usage always check that the completed setup should be tight and secure at all places.
4. Take TUCKRACK down by reversing all setup directions.
5. Moving parts require oils and lubrication. Monthly maintenance is required to keep Tuckrack working properly.
6. Always store the top bar in a safe place to prevent injury while driving or in a potential vehicle accident.
7. Use care and caution to not get fingers and/or body parts pinched or injured during setup and takedown.
8. Never use TUCKRACK individually, it should be used as a full set. If you are using solely the rear TUCKRACK this must be used with a headache or cab rack. Never lean loads on TUCKRACK.
9. NEVER USE TUCKRACK OR VEHICLE WHILE UNDER THE INFLUENCE OF MEDICATIONS, DRUGS OR ALCOHOL.

## Parts List

Each setup is different. Please see the below diagrams for your setup. Following are the parts included in a full set.

- 2 Long Arm Bars (right and left)
- 2 Short Arm Bars (right and left)
- 2 Inner Top Bars (one short and one long)
- 2 Outer Top Bars (one short and one long)
- 4 Side Mount Brackets
- 4 Threaded Stainless Steel Plates 2.25" x 4.25"
- 2 Cab Side Corner Brackets
- 2 Threaded Stainless Steel Plates 3.25" x 3.25"
- 4 Top Mount Brackets (optional)
- 4 Magnetic Pins

The following hardware parts are included in a full set:

- 16 3/8"-16 x 1" Stainless Steel Bolts
- 8 3/8"-16 x 1 1/4" Stainless Steel Bolts
- 4 3/8"-16 x 2 1/2" Stainless Steel Bolts
- 24 3/8" Stainless Steel Split Lock Washers
- 4 3/8"-16 Stainless Steel Nylon Lock Nuts
- 4 1/4"-20 x 1-3/4" Button Socket Stainless Steel Bolts
- 4 1/4"-20 Hex Flange Nuts Serrated Stainless Steel

Following are the parts included in a rear set:

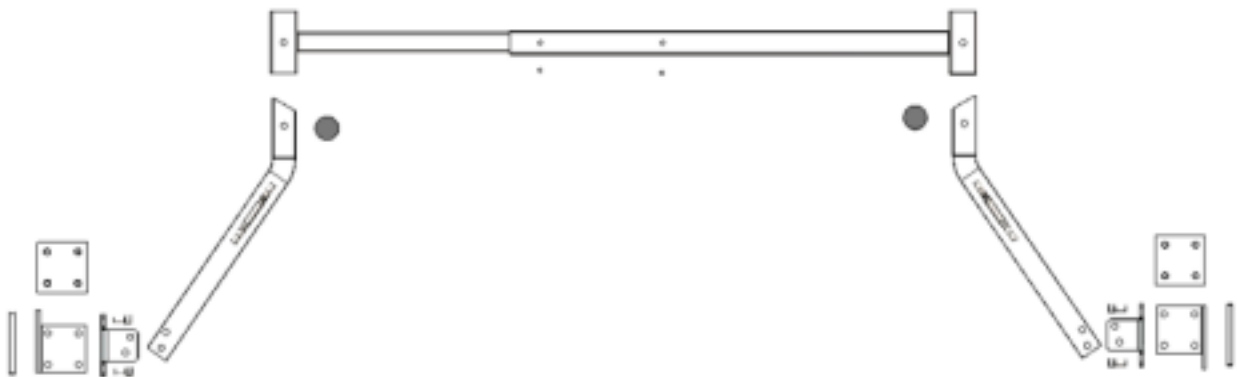
- 2 Short Arm Bars (right and left)
- 1 Inner Long Top Bar
- 1 Outer Long Top Bar
- 2 Side Mount Brackets
- 2 Threaded Stainless Steel Plates 2.25" x 4.25"
- 2 Top Mount Brackets (optional)
- 2 Magnetic Pins

The following hardware parts are included in a rear set:

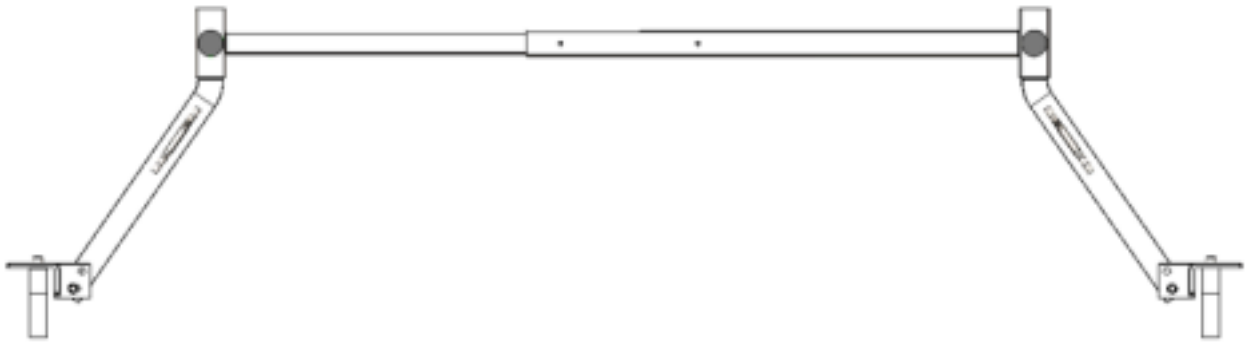
- 8 3/8"-16 x 1" Stainless Steel Bolts
- 2 3/8"-16 x 2 1/2" Stainless Steel Bolts
- 8 3/8" Stainless Steel Split Lock Washers
- 2 3/8"-16 Stainless Steel Nylon Lock Nuts
- 2 1/4"-20 x1-3/4" Button Socket Stainless Steel Bolts
- 2 1/4"-20 Hex Flange Nuts Serrated Stainless Steel

## Diagrams

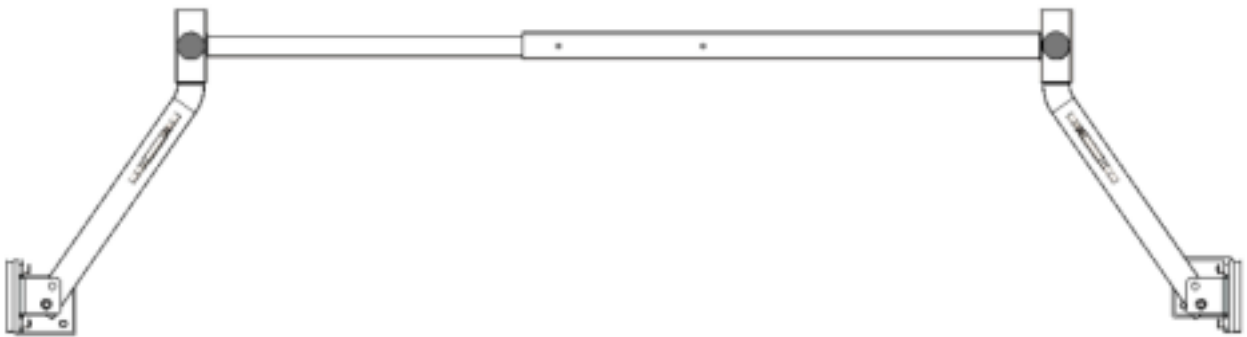
### Blown-up Diagram



### Top Mount Setup



### Side Mount Setup



Top Bar Inner



Top Bar Outer

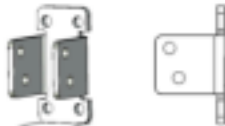


Arm Bars Right & Left

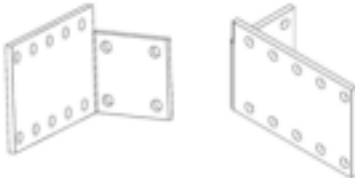




Side Mount Brackets



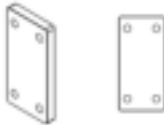
Cab Side Corner Brackets



Threaded Plates For Cab Side Brackets



Threaded Plates for Side Mount Brackets



Optional Top Mount Brackets



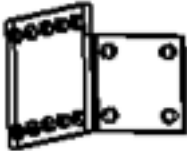
Magnetic Pins



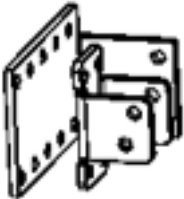
# Instructions

## Front Side Mounting TUCKRACK (Cab Side)

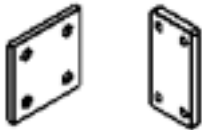
Place the Corner bracket in the top corner of the truck bed, there is a right and left corner bracket, (one with a high side and one with a low side) determine which one will have a better fit against the corner. Be sure to align the bracket with the ten hole adjustment side against the stake pocket. **DO NOT DRILL YET**



Place a side mount bracket onto the corner bracket using the adjusting holes to get as close to the stake pocket as possible. (This placement set will now be your actual template for drilling). After desired placement is 100% correct, use a .406 drill bit through the 4 holes on the corner bracket through the cab side of the truck bed and the 4 other holes on the adjoining side through the stake pocket, \* (8 holes total).

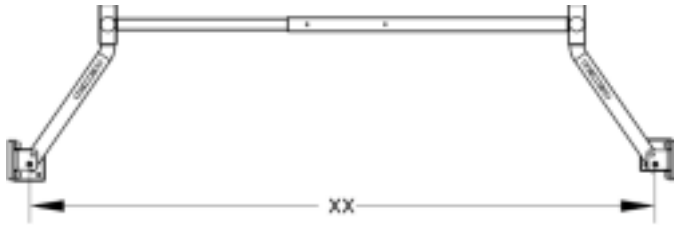


Attach the side mount bracket (facing the same direction as the photo) onto the corner bracket with 1 1/4" bolts and split lock washers through to the stainless threaded plate, Use 1" bolts and split lock washers to the threaded plate for the 4 hole side of the cab side corner bracket. Tighten all bolts evenly. Apply right and left set up exactly the same way with matching measurements. Be very careful brackets are perfectly aligned, square, plumb and level

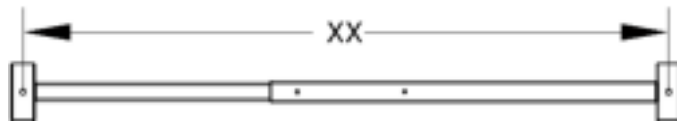


Install the **long** arm bars, (angle facing into truck bed) into the side mount bracket with a 2 1/2" bolt and locknut and tighten, (use lower hole on arm bar to lower hole on side mount bracket), This is the **pivot**, lift the arm bar and insert a magnetic pin into the upper holes to hold it up.





Measure the distance between the center to center of the two pivot bolts on each side mount bracket. This measurement, (Pivot distance measurement), is needed to determine the distance of the top bar. Then subtract **31"** from this measurement. This new measurement, (Top bar measurement), is the distance between the center to center of the holes on the top bar.

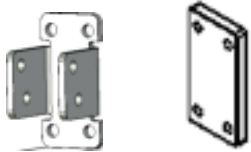


Slide the two **short** top bars together. You must slide the bars together at the precise measurement for Tuckrack to work properly. The top bar ends have end receivers that slide onto the arm bars. Make sure both open ends are facing the same direction. Measure the two holes center to center using the top bar measurement that you calculated. Mark the inner bar at the spot from pre drilled outer holes. Drill two 5/16" holes and use the 1/4" bolts and serrated nuts to secure the top bar

You should be able to use TUCKRACK now. Place both magnetic pins from the side mount brackets into the top bar receiver holes. Lubricant is required on the top bars to arm bars, side mount brackets to arm bars and magnetic pins.

## Rear Side Mounting TUCKRACK (Tailgate Side)

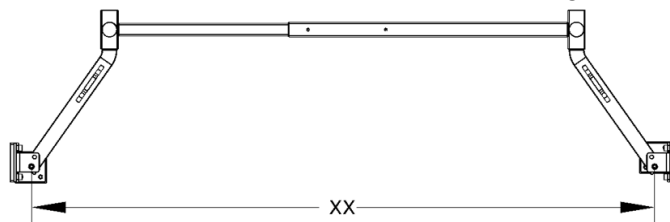
Place a side mount bracket onto the rear of the truck bed at a desired location. Check the height of the **short** arm bar placement for desired height. (This placement set will now be your actual template for drilling). After desired placement is 100% correct, use a .406 drill bit through the 4 holes on the bracket through the side of the truck bed.



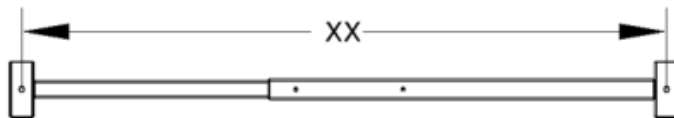
In some certain installations you may need to carefully remove the rear lamp housing to be able to reach inside and attach to the sidewall of the truck not using the stake pocket. Attach the side mount bracket with 1" bolts and split lock washers through to the stainless threaded plate. Tighten all bolts evenly. Apply right and left set up exactly the same way with matching measurements. Be very careful brackets are perfectly aligned, square, plumb and level



Install the **short** arm bars, (angle facing into truck bed) into the side mount bracket with a 2 1/2" bolt and nut and tighten, (use lower hole on arm bar to lower hole on side mount bracket), This is the **pivot**, lift the arm bar and insert a magnetic pin into the upper holes to hold it up.



Measure the distance between the center to center of the two pivot bolts on each side mount bracket. This measurement, (Pivot distance measurement), is needed to determine the distance of the top bar. Then subtract **16 1/8"** from this measurement. This new measurement, (Top bar measurement), is the distance between the center to center of the holes on the top bar.



Slide the two **long** top bars together. You must slide the bars together at the precise measurement for TUCKRACK to work properly. The top bar ends have end receivers that slide onto the arm bars. Make sure both open ends are facing the same direction. Measure the two holes center to center using the top bar measurement that you calculated. Mark the inner bar at the spot from pre drilled outer holes. Drill two 5/16" holes and use the 1/4" bolts and serrated nuts to secure the top bar

You should be able to use TUCKRACK. Place both magnetic pins from side mount brackets

into the top bar receiver holes. Lubricant is required on the top bars to arm bars, side mount brackets to arm bars and magnetic pins.

# Limited Warranty on TUCKRACK

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

WE LIMIT THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

## **What Does This Warranty Cover?**

TUCKRACK, LLC offers a 1 year warranty from defects and workmanship on its products that are properly installed and unmodified.

## **What Does This Warranty Not Cover?**

This limited warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control.

## **What Is the Period of Coverage?**

This limited warranty starts on the date of your purchase and lasts for one year (the "**Warranty Period**"). The Warranty Period is not extended if we repair or replace the product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

Proof of purchase is required for warranty transaction; a copy of the original invoice or sales receipt is required.

## **What Are Your Remedies Under This Warranty?**

With respect to any defective product during the Warranty Period, we will, in our sole discretion, either: (a) repair or replace such product (or the defective part) free of charge or (b) refund the purchase price of such product. We will also pay for shipping and handling fees to return the repaired or replacement product to you if we elect to repair or replace the defective product.

## **How Do You Obtain Warranty Service?**

To obtain warranty service, you must call [781-953-0211] or email our Customer Service Department at [help@tuckrack.com] during the Warranty Period to obtain a Defective Merchandise Authorization ("**DMA**") number. No warranty service will be provided without a DMA number.

## Limitation Of Liability

**THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.**