

Pro Contractor & ProRack Installation Details

Body Installation:

- 1) ProContractor (PC) Body & ICC/Hitch is installed in the same manner as all other Freedom GN Western Beds. You may find it more convenient to install the sides, gates, ProRack (PR) and top boxes while the bed is off the truck and setting on shop stands, given the need to access the bottom side several times for the boxes, hinges & rear corner posts.

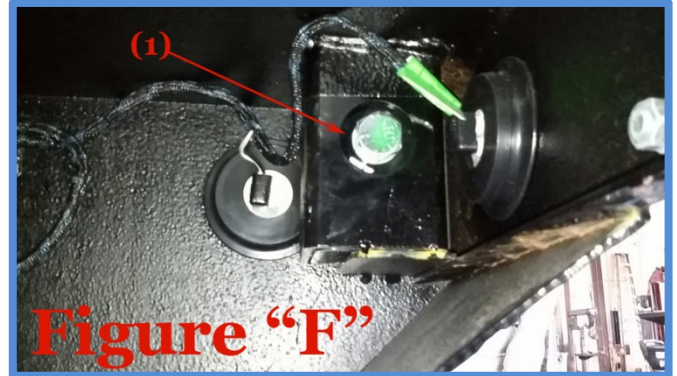
Figure “A”



Sides, Gate and Accessory Installation:

1) Install the rear corner posts (2 required) first.

- a. Place each rear post in the 2.5" floor socket as shown in figure (A)-1
 - i. Be sure welded jam nuts welded to outside of the post are facing forward.
- b. Using the supplied 5/8"x 3.5" bolt and lock washer secure post from underside of bed. Bolt will contact inside tube directly thru large hole and thread into existing welded nut on back side of the floor socket. See figure (F)-1



2) Install both top side tool boxes tight to the bulkhead

- a. Using the existing holes in the floor mark the bottom of the top side boxes and then remove boxes from the bed and drill as require. Install using the supplied 1/4" x 2" aluminum flat bar spaces & 3/8" x 1.5" bolts, flat washers and lock nuts. See figure (A)-2

3) Install rear PC tailgate assembly

- a. Set Freedom tailgate in place on the bed and install rear hinges using 3/8" x 1.5" bolts, flat washers and lock nuts supplied. Align left to right and assure latches are in rear corner post holes before you tighten hinge butt bolts. See figure (A)-3

4) Install left & right PC side gate assemblies

- a. Set Freedom side sections in place on the bed and install hinge butts using 3/8" x 1.5" bolts, flat washers and lock nuts supplied. Align left to right and assure rear latch is in rear corner post hole. Do not tighten hinge butt bolts until after step (5). See figure (A)-4

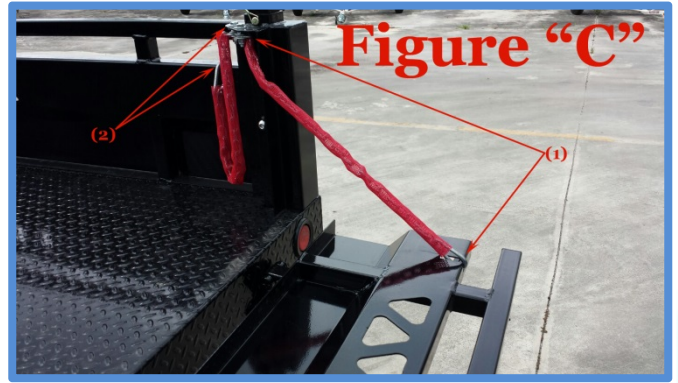
5) Install PC tool box brackets to the back side of top mounted tool boxes

- a. Install the left & right tool box bracket as shown is figure (B)-1. Check alignment to side sections before drilling the tool box. Some vertical adjustment is allowed for in the bracket. Bracket will be slightly off the floor. Use supplied 3/8" x 1" bolts, washers and lock nuts to secure. Bolts should be installed with a good sealer to prevent leaking. Bracket is located at figure (A)-7 on both sides.



6) Install tailgate & side gate chain assemblies

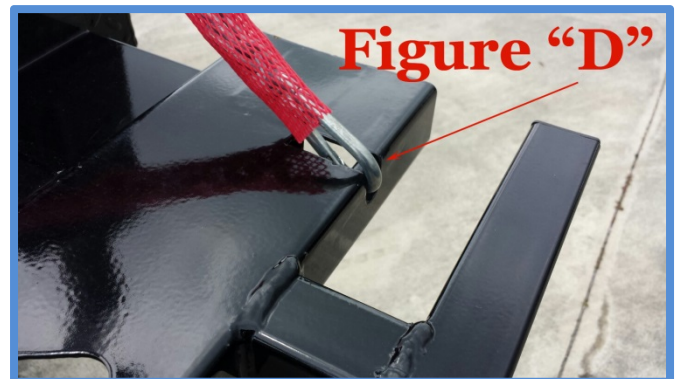
- a. Pull chain into the supplied sleeve before starting.
- b. Install chain, (2) at each corner post as shown in figure **(C)-2**



- c. Follow hardware layout for above as shown in figure **(E)-0**
 - i. Be sure the chains can swivel on the bolts as noted in figure **(E)-0**



- d. Attached all (4) chains to the tailgate and side gates as shown is figure **(D)-0**



7) Confirm all gates latch correctly and check all bolts to be sure they are tight.

ProRack Installation:



1) Assembly *PR* side rail assemblies

- Using padded shop saw horses or table assemble the side rail sections of the rack using the supplied insert (splice) as shown. Splice will slide into both sections and mirror the side rail cut pattern. 3/8"x 1" bolts, flat washers & lock nuts provided. Tighten all bolts at this time to ensure rail is rigid. See figure (G)-1
- Racks will have 2 or 3 sections depending on the model. See figure (H)-1 & 2 {at bottom} for required sections per rack and section specs.

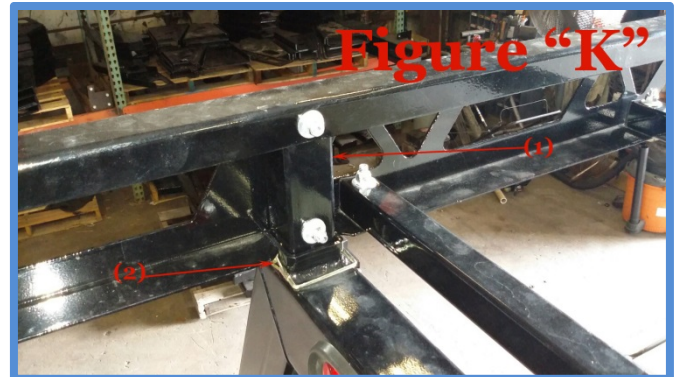
2) Install rear ladder rack support posts into *PC* corner posts

- Install the left and right ladder rack rear support posts as shown in figure (J)-1
- Pin support posts at top of the *PC* corner posts using supplied pins. See figure (J)-2
- Do not install 2" rear cross bar at this time.



3) Install bulkhead tubes in the *PC* bulkhead sockets

- a. Install (2) 10" bulkhead tubes in the bulkhead socket as shown in figure (K)-1
- b. Pin in place at top of bulkhead using supplied pins. See figure (K)-2

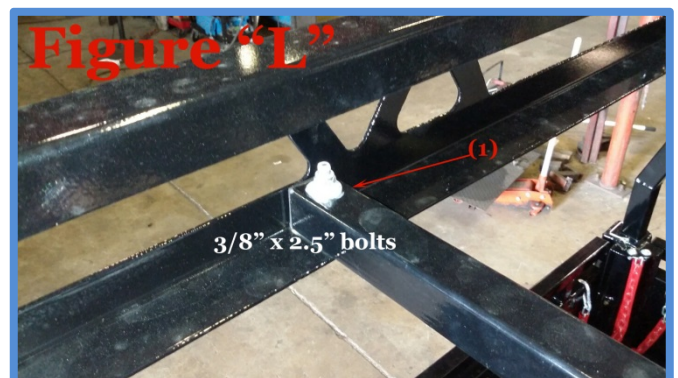


4) Install left & right assembled *PR* rails to bulkhead post & rear *PR* support posts

- a. Hang each fully assembled side rail over the posts installed in step (3) and the rear support posts installed in step (2) so they align closely with the gutters cut in the lower flange of the side rails.
- b. Align (8) holes and install bolts as shown in figure (G)-2. Use 3/8" x 3" bolts, flat washers and lock nuts.
- c. Leave eight bolts loose at this point.

5) Install cross bars in *PR* rails

- a. Slide ladder stop on the cross bar BEFORE bolting it to the side rails.
 - i. There is a 1.5" opening stop & small U-bolt for this tube.
 - ii. The 1.5" stop should be on the cross bar closest to the bulkhead, typically just forward of the bulkhead. See figures (M)-1
- b. Install 1.5" crossbars shown in figure (L)-1. Quantity will depend on rack model but there should be a cross bar at all points where a hole exists in lower flange. Use 3/8" x 2.5" bolts supplied.



- c. Install the wind deflector cross bar at the front of the rack as shown in figure (N)-1
- d. Be sure all cross bars are plugged with black plastic plugs.



6) Install rear ladder rack crossbar & pin in place

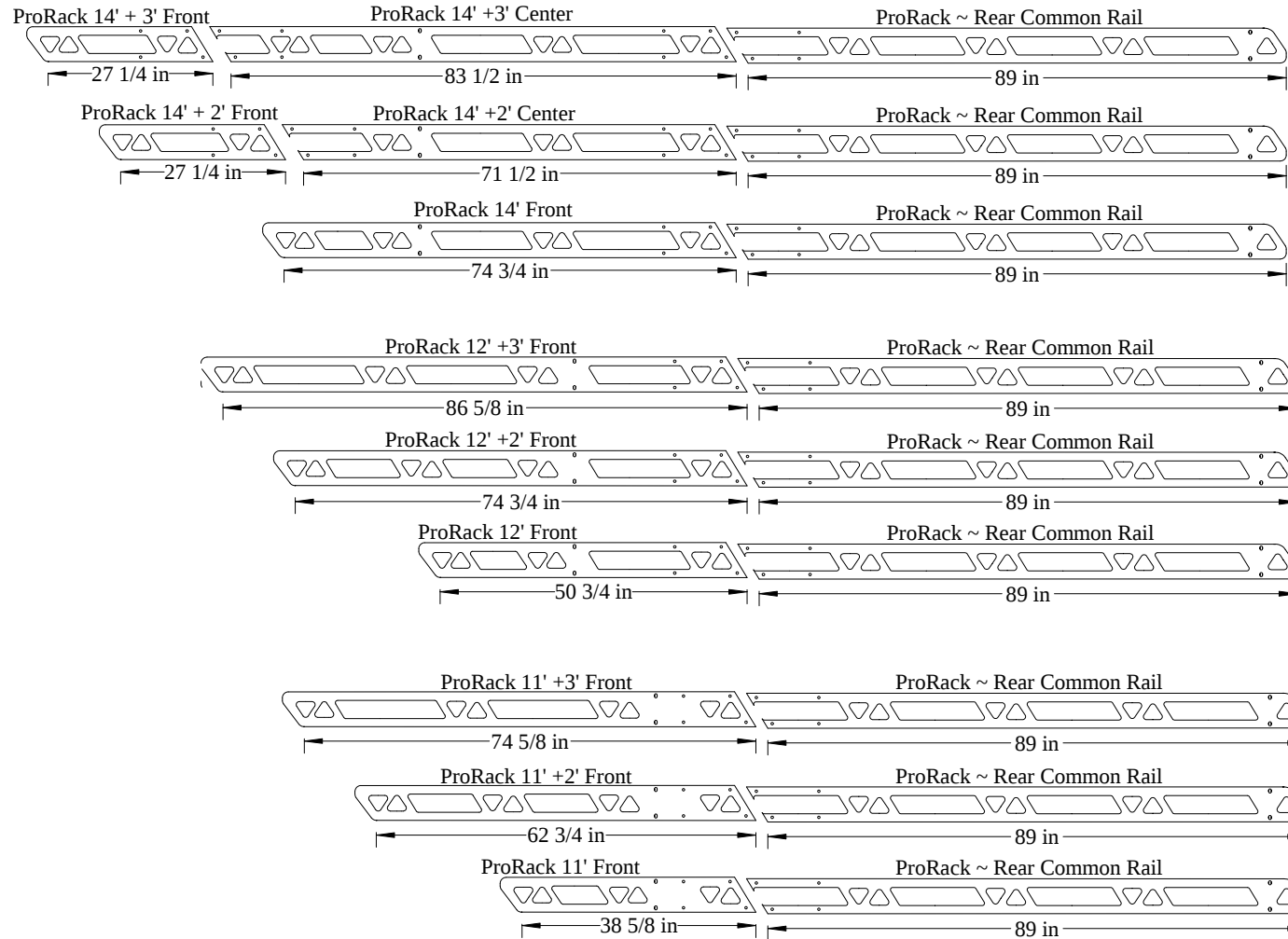
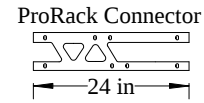
- a. Slide ladder stop on 2" rear cross bar before pinning it in place. See figure (P)-1
 - i. There is a 2" opening stop & large U-bolt for this tube.
- b. Align this with the forward ladder stop & tighten the U-bolt.



7) Tighten all bolts in PR cross bars at the side rails & ladder stop U-bolt

- a. Tighten all bolts, be sure to use 3/8" lock nuts supplied.

ProRack STD Series



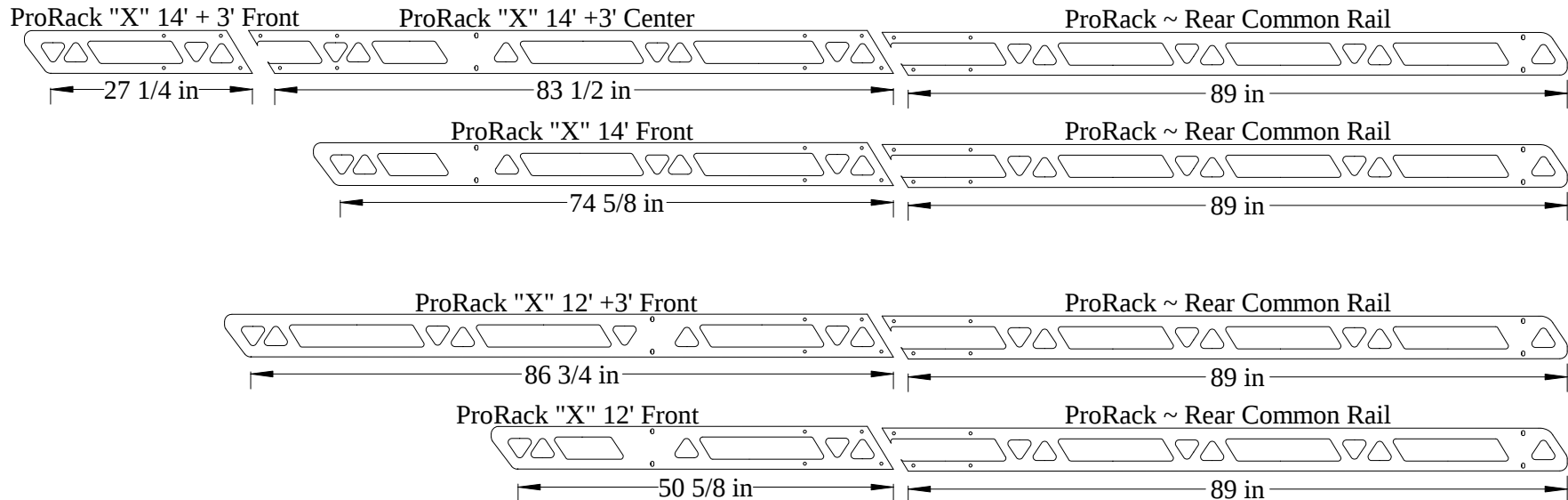
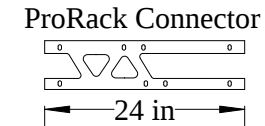
Notes:

Figure (H)-1

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REV.	Date	By	Description
1		CCR	

Blue Ridge Manufacturing, LLC 87 Tom Boyd Rd. ~ Blue Ridge, GA 30513 ~ (706) 258-3849			
Part Name: ProRack STD Side Rails			
Date: 7/19/2014	Approved By:	Part Number: Installation Instructions	Drawn By: CCR
Scale:	x	Material / Description: Instructions	Sheet: 1 Of 1

ProRack "X" Series



Notes:

Figure (H)-2

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REV.	Date	By	Description
1		CCR	

Blue Ridge Manufacturing, LLC			
87 Tom Boyd Rd. ~ Blue Ridge, GA 30513 ~ (706) 258-3849			
Part Name: ProRack PRX Side Rails			
Date: 7/19/2014	Approved By:	Part Number: Installation Instructions	Drawn By: CCR
Scale:	x	Material / Description: Instructions	Sheet: 1 Of 1