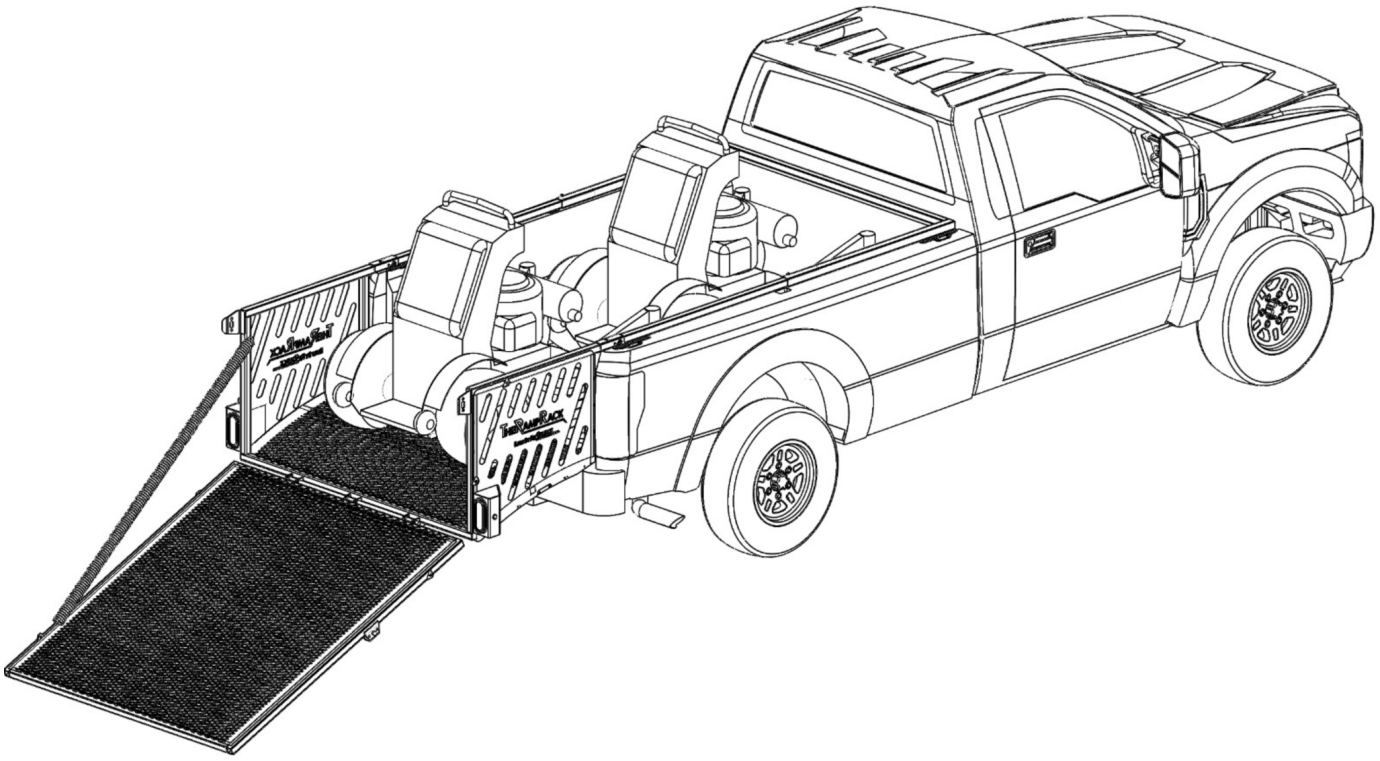
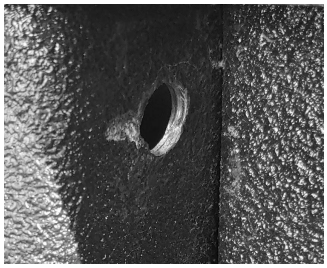
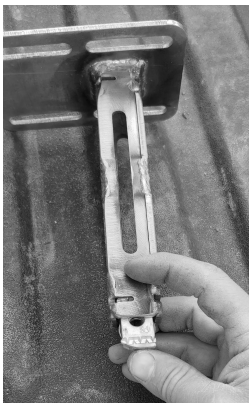
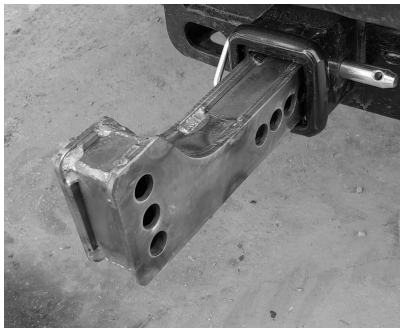
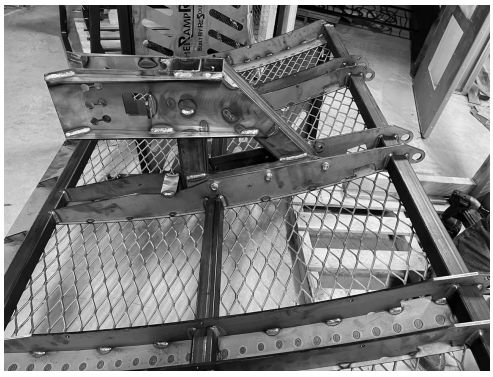
THE RAMP RACK
STOP PULLING A TRAILER

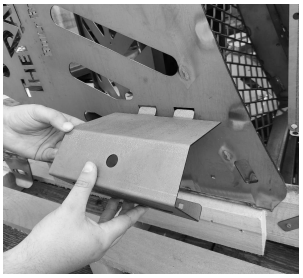
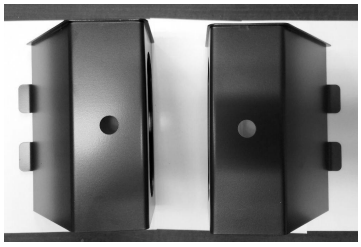
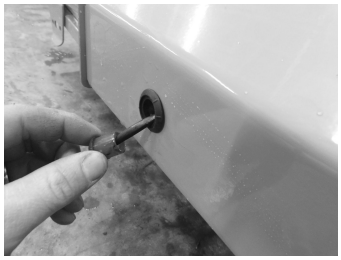
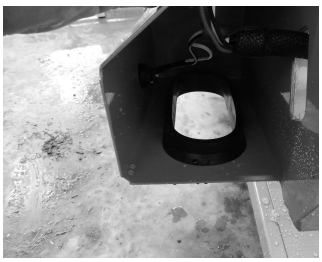
PU-100 & PU-300 Assembly Instructions

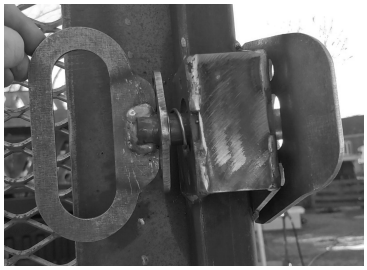


Step Number	Description	Image
1	Remove the tailgate and the license plate from the truck. Newer trucks may require you to disconnect wiring for backup camera/ tailgate light.	
2	Place **strut channel nut** into **stake pocket bracket**. The strut channel nut should be inserted so it will correspond with the mounting hole inside the bed. *****Some trucks may require a hole to be drilled inside the bed. ***** **Some trucks may require a hole to be drilled inside the bed. **	 
3	Place **stake pocket brackets** into truck stake pockets. Stake pocket adjustment slots should sit perpendicular with bed rails. Secure each with **⅜" x 1½" flange bolt** and **stake pocket washer**. (Install provided blue thread sealer on bolt threads) This stake pocket bracket will likely sit above your bed rail. That is not an issue.	

4	Place **front assembly** onto front stake pockets. Place **(4) ⅜" x ¾" carriage bolts & (4) ⅜" flange nuts** in each stake pocket. **IMPORTANT**, only hand tighten these bolts for now. (Install provided blue thread sealer on bolt threads)	 
5	Insert **side rails** by sliding them into the **front assembly**. You may need to loosen the set bolt near the end of the tube ($^{9}/_{16}$" wrench). Do not tighten the set bolt yet.	
6	Secure **side rails** to back **stake pocket brackets** with **(4) ⅜" x ¾" carriage bolts** and **(4) ⅜" flange nuts**. **IMPORTANT**, only hand tighten these bolts for now. (Install provided blue thread sealer on bolt threads)	
7	Insert **adjustable hitch**. This is made to fit a 2" receiver hitch. *****Some trucks with larger than a 2" receiver may require a spacer.*****	

8	Remove the **ramp pin** from the tube of the **dovetail**.	
9	Sit the **dovetail** on its side (gate brackets down) and install **adjustable hitch a frame** with **(6) ⅜" x ¾" carriage bolts and (6) ⅜" flange nuts**.	  
10	If you bought a **quick disconnect,** please install this now. Please see your QD-100 install instructions. Once that is complete, please continue to the next step.	

11	Install **light box housing** into slots on each side of the **dovetail** with **(2) ¼" x ½" carriage bolt** and **(2) ¼" flange nut** per side.	 
12	Install **wiring harness**. Thread harness through pre notched holes in bottom of dovetail. Use provided **zip ties** and secure along the dovetail rib.	
13	Remove rubber grommet from ¾" marker light. Insert marker light through mounting hole. Re-install rubber grommet into the pre-drilled mounting hole in metal. Install marking light into grommet and press into place.	
14	Install 6" oval rubber grommet into the pre-cut hole for tail light. Pull the tail light plug through the hole where the rubber grommet was installed, connect wiring and press into place.	 

15	Lift dovetail unit and hook over side rails. Insert **(2) ⅜" x 2½" flange bolts and (2) ⅜" flange nuts** where the top of the dovetail connects to the rails. Place the hitch pin in the adjustable hitch. ****Three people are recommended for this step****	
16	Slide the unit forward as needed to fill the gap if needed. Lift and adjust the pins in the adjustable hitch and the adjustable hitch a-frame insert as needed to ensure dovetail is level.	
17	Install **gate spring latches**. Secure with **(2) ¼" x 1¼" bolts and (2) ¼" lock nuts** on each side.	
18	Attach **ramp** to dovetail with **ramp pin**. Once ramp pin is in place secure with **(1) ⅜" x ¾" flange bolt and (1) ⅜" flange nut.** ****Three people are recommended for this step****	 

19	Lift the **ramp** into the upright position and attach a **lift assist gate spring** with **(2) quicklinks**. It is **IMPORTANT** to install **safety cable** in case of spring failure.	
20	Place **(4) extruded U nuts** over pre drilled holes in the license plate bracket. Secure tag with **(4) ¼" stainless screws**.	
21	Connect tail light into harness & connect the wiring harness to 4 flat trailer plug or 7 pin adapter.	

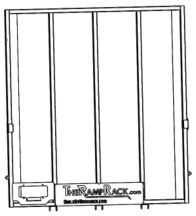
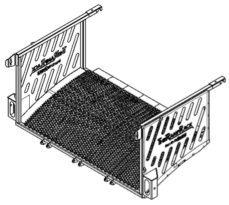
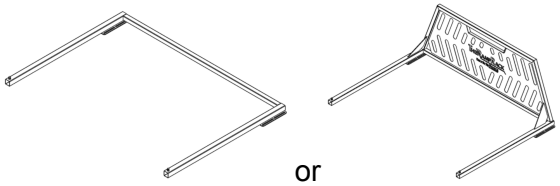
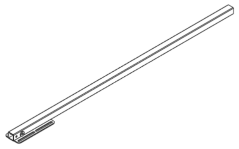
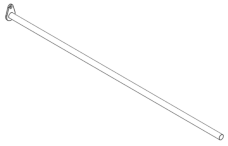
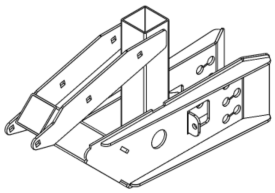
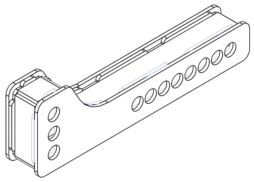
NOTICE

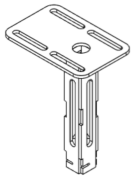
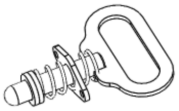
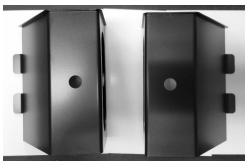
YOU ARE RESPONSIBLE TO ENSURE THIS PRODUCT COMPLIES WITH YOUR STATE AND LOCAL LAWS AND REGULATIONS.

THE RAMP PORTION OF THIS UNIT HAS BEEN ENGINEERED TO SUPPORT 2000LBS. DO NOT EXCEED THIS WEIGHT LIMIT.

IT IS YOUR RESPONSIBILITY TO ENSURE YOU DO NOT OVERLOAD YOUR VEHICLE; SPECIFICALLY THE REAR GROSS VEHICLE WEIGHT RATING (RGVWR) THIS CAN BE FOUND ON THE INSIDE OF THE DRIVERS DOOR.

Parts Guide

Part Name	Image	Pieces per Unit
Ramp		1
Dovetail		1
Standard Front Assembly or Headache Rack	 or	1
Side Rails		2
Ramp Pin **Located in the Tube of the Dovetail**		1
Adjustable Hitch A-Frame		1
Adjustable Hitch		1

Stake Pocket Bracket		4
Gate Spring Latch		2
Light Box Housing		2 (Left & Right)
Stake Pocket Washer		4
Lift Assist Gate Spring		1
7’ Safety Cable		1
Swivel Handle Hitch Pin ⅝” x 4¼”		2
Threadlocker		1
Strut Channel Nut		4
Extruded U Nut		4

¼” Stainless Screws		4
Quicklinks		2
⅜” x 1½” Flange Bolt		4
Wiring Harness Kit		1
⅜” x ¾” Carriage Bolt		22
¼” x ½” Carriage Bolt		4
¼” x 1¼” Bolt		4
⅜” x 2½” Flange Bolt		2
⅜” x ¾” Flange Bolt		1
¼” Lock Nut		4
⅜” Flange Nut		25

¼” Flange Nut		4
Black Zip Ties		6