

# **12 Volt Winch Powered Dump MODEL 4010 & 4010 NW OWNER MANUAL**



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## **I. INTRODUCTION**

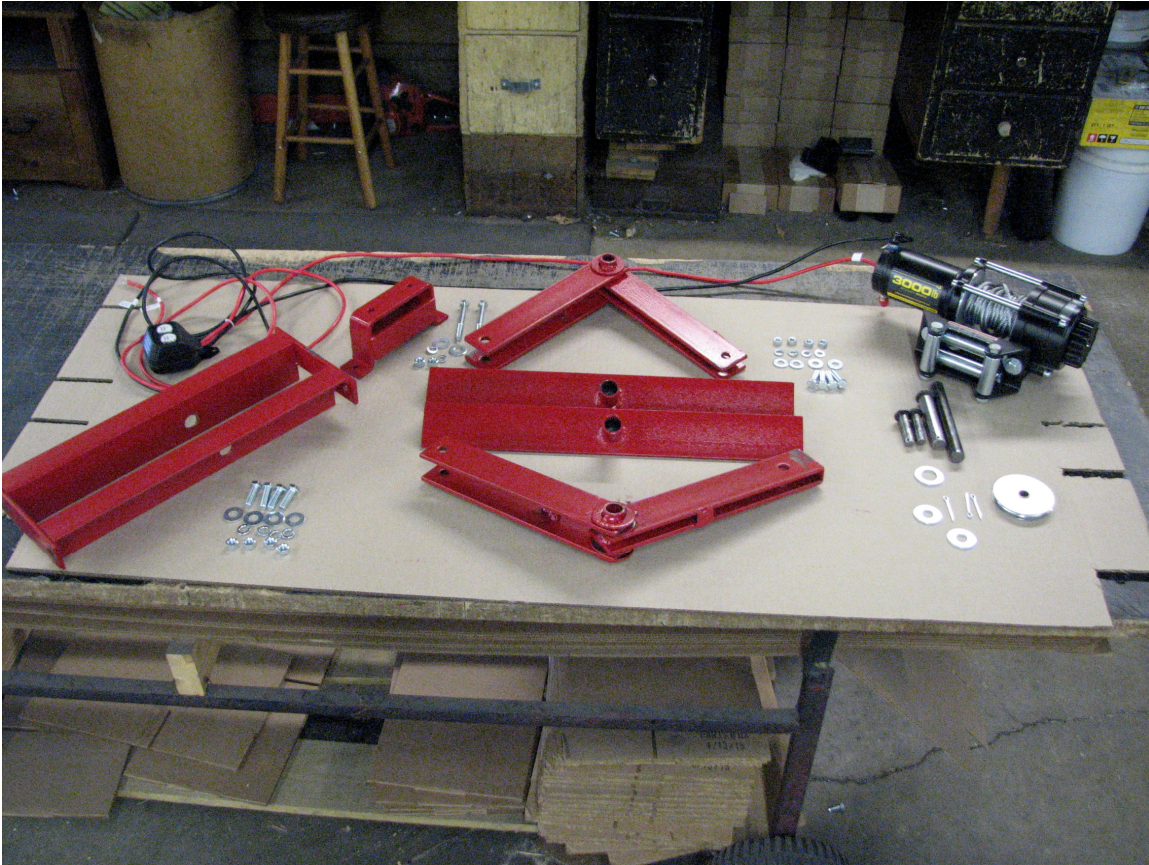
The Model 4010 12 Volt Electric Dump Kit is designed for use with Country Manufacturing Trailers with a dumping capacity of 2000 + lbs. NOTE: a Step by Step Video is available at <https://countrymfg.com/manuals.htm>



### CAUTION

THIS 12 VOLT ELECTRIC DUMP KIT WILL NOT FIT ON WAGONS WITH A STEERABLE FRONT END! WE RECOMMEND USING AN ALTERNATE 12 VOLT POWER SOURCE RATHER THAN ATTACHING DIRECTLY TO YOUR ATV/UTV'S BATTERY. DUE TO THE DISTANCE THAT THE WINCH ON THE TRAILER IS FROM YOUR TOW VEHICLES BATTERY, VOLTAGE DROP DUE TO HIGH AMPERAGE DRAW CAUSES HEAT IN THE CABLES. IF THE CABLES PROVIDED WITH THE WINCH REACH YOUR BATTERY, YOU SHOULD BE FINE. IF EXTENTIONS ARE NECESSARY, WE DO NOT RECOMMEND ATTACHING TO YOUR TOW VEHICLES BATTERY. DOING SO COULD CAUSE DAMAGE TO YOUR VEHICLES ELECTRICAL SYSTEM!

### II. ASSEMBLY INSTRUCTIONS (Refer to Photos)

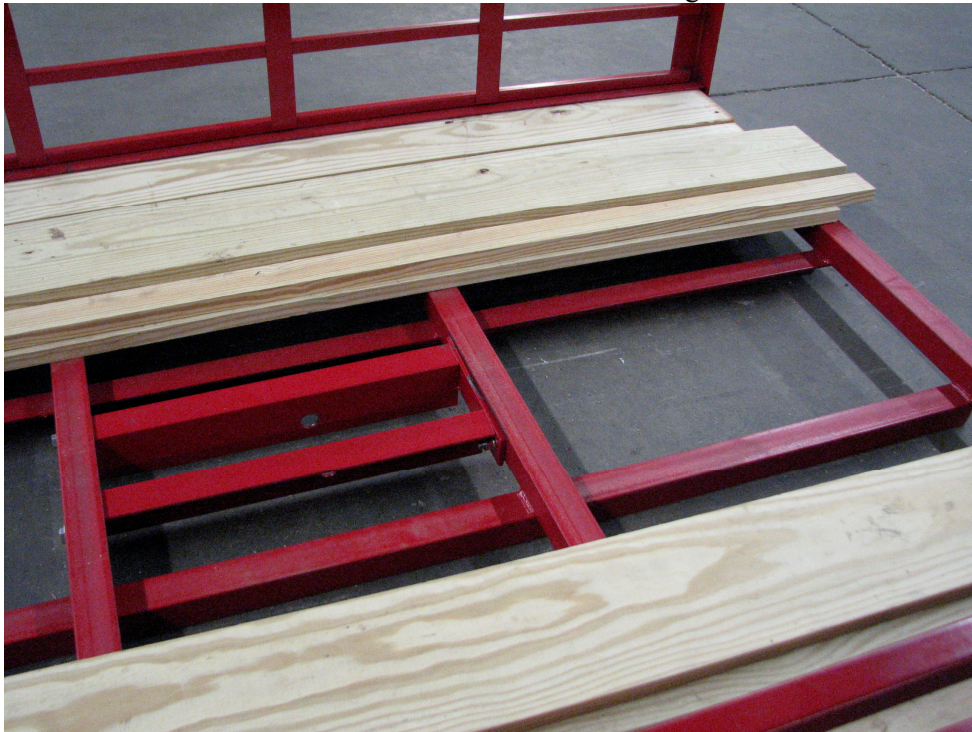


4 ft x 7 ft BEDS MANUFACTURED PRIOR TO SEPTEMBER 2020 will require drilling 4 holes in the bed frame to bolt the upper lift bracket (Trailers manufactured after Sept 2020 holes are drilled at the factory and the upper lift bracket is pre-installed if ordered with your trailer). It is easiest to install the unit with the bed removed from the chassis and the center wood boards removed from the bed of the trailer.





Install the upper lift bracket using 4 each  $\frac{3}{8}$  x  $1\frac{1}{4}$  inch long bolts, nuts and washers. The upper pivot pin hole must have the shortest span toward the front of the trailer bed. The photo shown below shows the front of the trailer bed to the right side.-----→

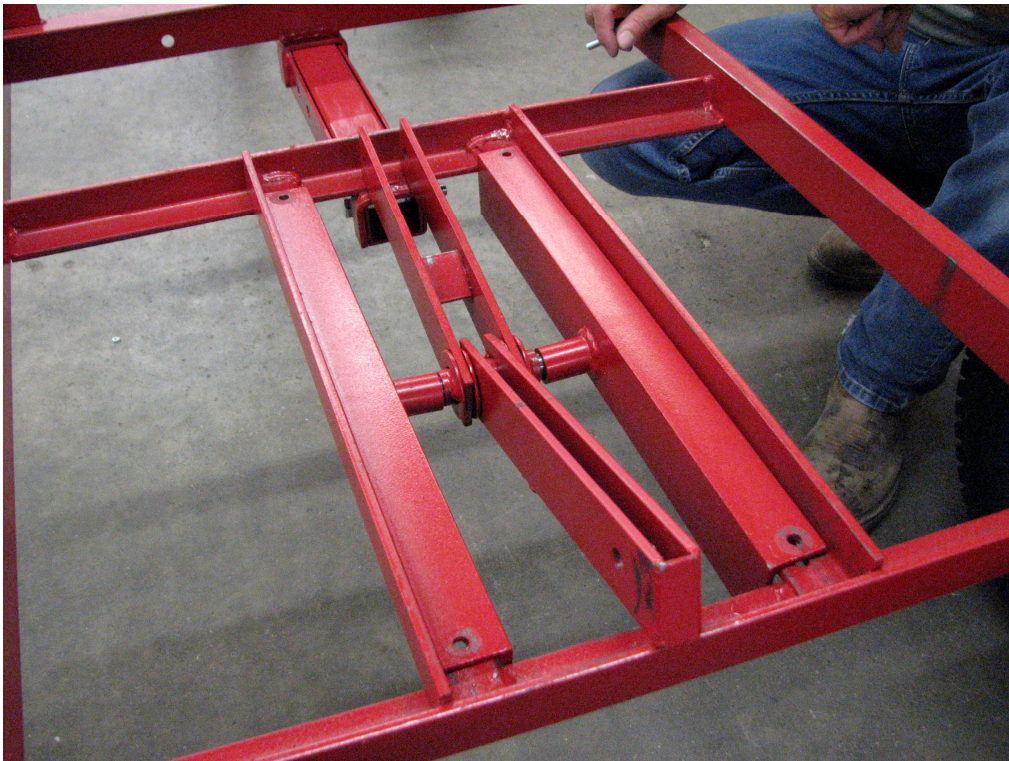




Install winch mount to the tongue using 2 each 3/8 x 3 inch bolts, nuts and lockwashers. On trailers without pre-drilled holes, the mount should be attached to the tongue 16 inches from the front of the chassis. The winch CANNOT sit under the bed of the trailer.



Install the lower brackets using 4 each 5/16 x 1 1/4 inch and 1 each 4 inch pivot pin. The rear of the lower lift arms has a welded end cap as shown in the photo below and must face the REAR of the trailer.





Install the bed of the trailer onto the chassis and secure the pivot pin allowing the bed to hinge up and down on the chassis. Install the upper lift arms into the upper lift bracket using the 3 inch pivot pin. Install the washer and cotter pin to hold the pivot pin in place.



Pull the winch cable through the opening in the front of the lifting arms to the back of the lifting arms. Install the pulley on the rear lifting arm with the cable threading from the bottom of the pulley to the top. Install 1 short pivot pin to secure the pulley to the arms. Pull the cable eyelet to the front lifting arms and secure with the second pivot pin. Install the washers and cotter pins on the pivot pins.

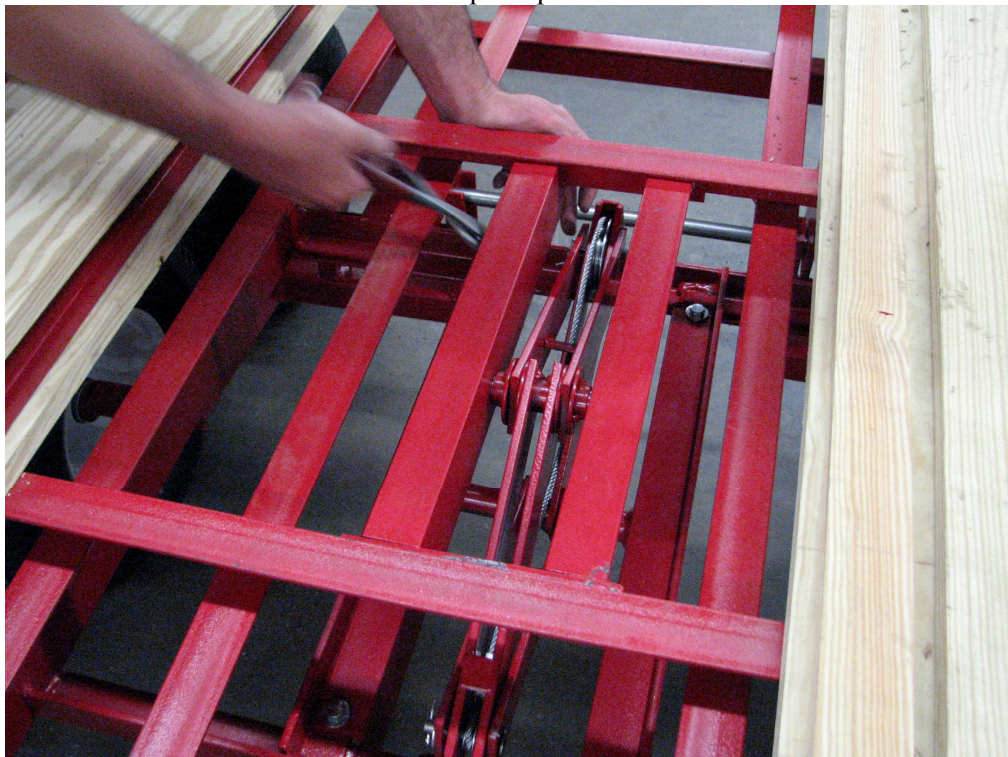
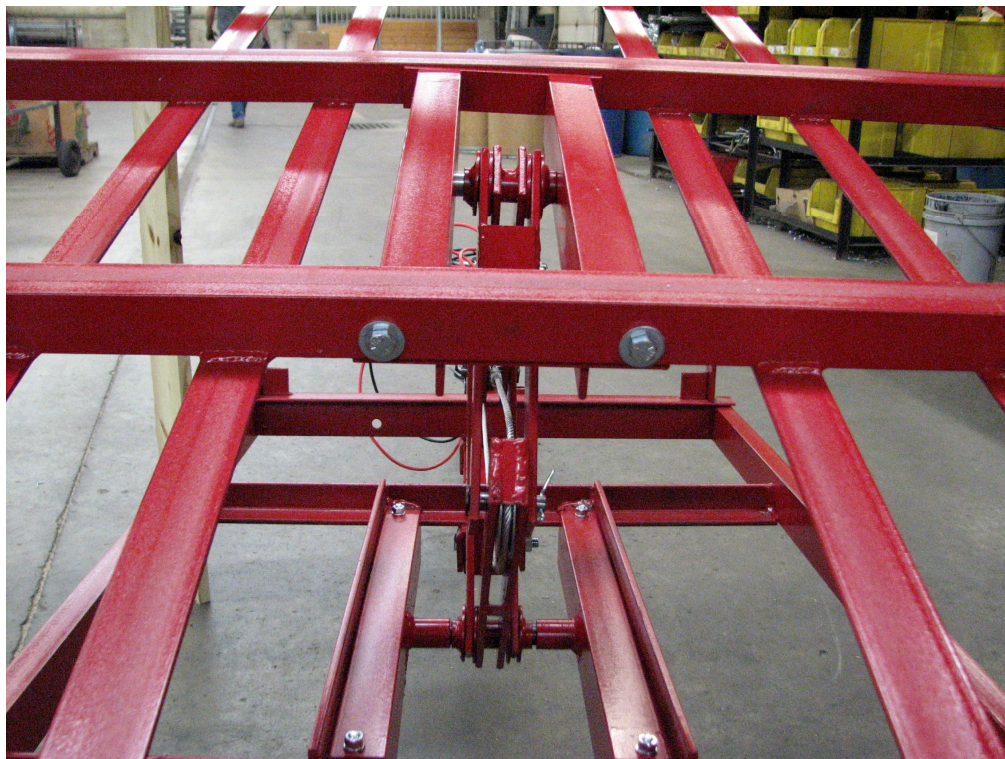






Photo shows pivot pins without washers at this point. Remove the cotter pins and install washers before installing cotter pins permanently. NOTE: CABLE ROUTING IS CRITICAL FOR CORRECT OPERATION! These 2 photos show the correct cable routing.





Install the wood on the bed and you are ready to use the electric dump!  
NOTE: a Step by Step Video is available at <https://countrymfg.com/manuals.htm>

## MAINTENANCE

1. Lubricate the pivot pins and winch cable with a quality grease and cable lubricant
2. If you are providing your own winch, a 3000 lb pulling capacity is needed to raise 2000 lb payloads.
3. Winches are water-resistant, but NOT water-proof. Cover the winch to protect it from the weather when not in use.

## WARRANTY POLICY

Country Manufacturing, Inc. will, at its option, replace or repair, without charge to the original purchaser any part or parts manufactured by it and found upon examination to be DEFECTIVE IN MATERIAL AND/OR WORKMANSHIP if received for such examination within 90 days from date of original purchase.

Damage resulting from accident, abuse, or neglect are conditions under which warranty cannot be claimed. Nor will warranty apply to damage resulting from failure to follow the Manufacturer's instruction for operation and maintenance nor from the improper selection of a particular application.

All transportation charges on, and damages and loss incurred in connection with the transportation of, parts submitted for replacement or repair under the WARRANTY shall be borne by the purchaser.

No other warranties, guarantees, or liabilities, either implied or expressed, will be the responsibility of Country Manufacturing, Inc.