

**TOOLS REQUIRED:**

- \_ (2) 3/4" wrenches
- \_ 7/16" wrench
- \_ 3/8" wrench
- \_ 5/16" allen wrench



**CONTENTS  
(PARTS)**

- \_ (1) Receiver tube assembly
- \_ (1) Platform assembly
- \_ (1) Jack tube
- \_ (2) Foot peg retaining shafts
- \_ (1) 1/2" winged safety screw
- \_ (1) Bottle jack platform
- \_ (2) Upper control arms
- \_ (1) Lower control arm with nut
- \_ (1) Lower control arm without nut
- \_ (1) 2 ton bottle jack



**CONTENTS  
(HARDWARE)**

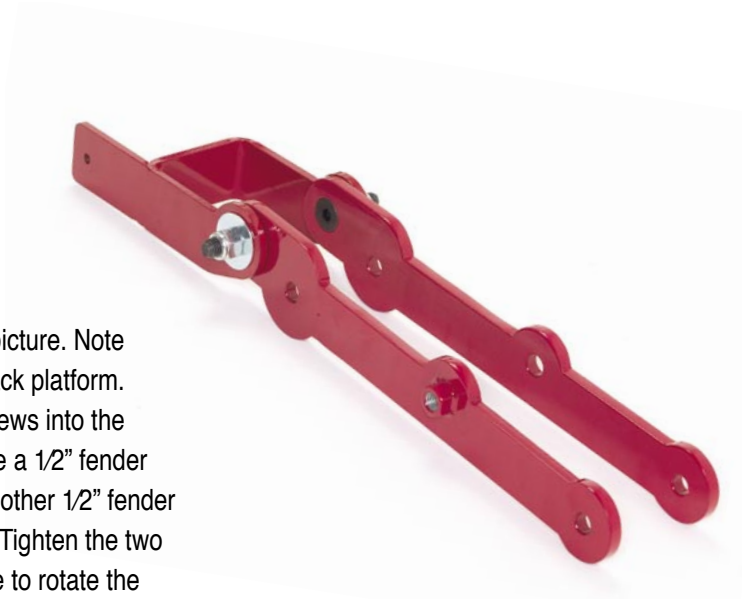
- \_ (1) Bell clamp
- \_ (1) 1/4" x 1-1/2" machine screw
- \_ (1) 1/4" x 3/4" machine screw
- \_ (2) 1/4" Nyloc nuts
- \_ (21) 1/2" inch fender washers
- \_ (1) 5/8" treaded hitch pin & clip
- \_ (6) 1/2" nyloc nuts
- \_ (4) 1/2" x 4" machine screws
- \_ (2) 1/2" x 1-3/4" flat head machine screws  
(Allen wrench flat head)
- \_ (2) 5/8" wing nuts
- \_ (2) 5/8" washers
- \_ (2) 5/8" lock washers



Note: Due to the powder coating process, it is possible that some of the 1/2" holes may require being chased with a 1/2" drill bit in order to make clearance to insert the 1/2" assembly screws.

**Step 1:**

Insert receiver tube assembly into a hitch receiver and insert hitch retaining pin.

**Step 2:**

Lay out jack platform and lower control arms as shown in picture. Note the orientation of the arm with the nut and the ear on the jack platform. Insert the 2-1/2" x 1-3/4" flat head(alen head) machine screws into the recessed(chamfered) holes on the lower control arms, slide a 1/2" fender washer on each, insert into holes on jack platform, slide another 1/2" fender washer on each screw, and put on the two 1/2" nyloc nuts. Tighten the two nyloc nuts to a snug fit but not too tight. You should be able to rotate the control arms on the jack platform with a moderate amount of friction between the two.

**Step 3:**

Slide the assembly completed in step 2 over the receiver tube as shown in the picture. Note orientation of jack platform ear with receiver tube.

**Step 4:**

For this step you will use 1-1/2" x 4" machine screw and 4-1/2" fender washers and one nyloc nut. Slide a washer onto screw and insert screw through upper hole in lower control arm, insert another fender washer between control arm and receiver tube, push screw through hole on other side of receiver tube, insert another fender washer between opposite control arm and receiver tube, and then push screw through hole in other control arm. Put another washer on end of screw and attach 1/2" nyloc nut. Just spin on nut by hand until it stops-you will be tightening all the control arm nuts later.

**Step 5:**

Attach upper control arms to the receiver tube using same sequence of instructions as step 4. Do not tighten nuts yet. Also, make sure the orientation of the stickers are correct.

**Step 6:**

Attach platform assembly to other end of lower control arms as illustrated in picture. Use same sequence of instructions as step 4. Do not tighten nuts yet.

**Step 7:**

Attach platform assembly to other end of upper control arms as illustrated in picture. Use same sequence of instruction as step 4. At this point you can tighten the 4 control arm nyloc nuts. Tighten nuts until snug, and then back off 1/8 to 1/4 turn.

**Step 8:**

Attach bell clamp to jack platform using 1/4" x 3/4" machine screw and 1/4" nyloc nut and tighten nut snugly so that clamp will not rotate.

**Step 9:**

Slide bottle jack into bell clamp and insert 1/4" x 1-1/2" machine screw and attach 1/4" nyloc nut and tighten loosely.

**Step 10:**

Lift platform assembly and swing bottle jack towards vertical part of receiver tube and insert top of bottle jack into retaining ring on top of receiver tube. Apply some down force onto platform to seat bottle jack and make sure bottle jack fits squarely on top of jack platform. Finish tightening 1/4" nyloc nut on bell clamp to secure bottle jack.

**Step 11:**

Insert two foot peg retaining shafts into platform deck from the top and slide onto each shaft a 5/8" flat washer followed by a 5/8" lock washer and then a 5/8" wing nut. Using jack handle, completely jack up the platform to the full up position and insert 1/2" winged safety screw with 1/2" fender washer.

**Step 12:**

Congratulations, you are almost ready to use your Ultimate MX Hauler, but before you do, please read all the safety instructions and user instructions first.