

Assembly Instructions



 **Bluestreak**equipment
The world's best magnetic cleaning equipment

Bluestreak Equipment
1645 Hwy #3, Delhi
Ontario, Canada
N4B2W6

What's on the pallet



Items on the Pallet:

- 1pc – Magnet Assembly (Yellow)
- 2pcs – Caster Assemblies
- 2pcs – Cardboard Boxes
- 1pc – Orange Debris Catcher
- 1pc – Release Handle
- 1pc – Quick Hitch

What's In Box 1



BOX 1 –What's in the box

- 1pc - Top Link
- 1pc - Adjuster Rod
- 2pc - 5/8" x 2 1/4" Bolts
- 2pc - 5/8" Nyloc Nuts
- 1pc - Operating Instructions
- 1pc - Assembly instructions
- 1pc - Safety Instructions



What's in Box 2



BOX 2 –What's in the box

- 1pc - Quick Hitch Clamp (painted black)
- 2pc - Bents pins
- 2pc - 3/8" x 1 3/4" Bolts
- 2pc - 3/8" x 2 1/2" Bolts
- 2pc - 3/8" x 3 1/2" Bolts
- 4pc - 3/8" Washers
- 2pc - 3/8" Nyloc Nuts
- 1pc - 1/2" x 2" Bolt
- 2pc - 1/2" Washers
- 1pc - 1/2" Nyloc Nut

What's NOT included



Items **NOT** included with your Sweeper
(Needs to be purchased from your UTV
dealer separately)

A - Plow Lifting Device (winch or hydraulic
cylinder)

B - A-Frame (Push Frame) shown with plow
removed for installation of Yak Magnet.

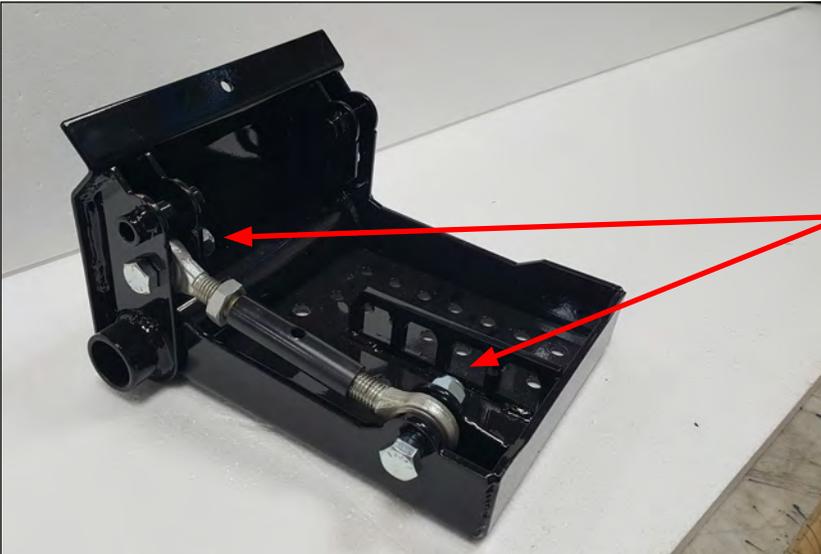


Step 1. Unpack Pallet



Remove Shrink Wrap/Strapping/ Cardboard from the pallet.

Step 2. Attach Top Link to Quick Hitch



Attach both sides of the Top Link to the Quick Hitch using the 2- 5/8" x 2 1/4" Bolts and 2- 5/8" Nyloc Nuts.

Tighten firmly using 15/16 wrench

The parts needed are in part box 1.



Step 3. Get your snow plow setup (not included) ready for installation

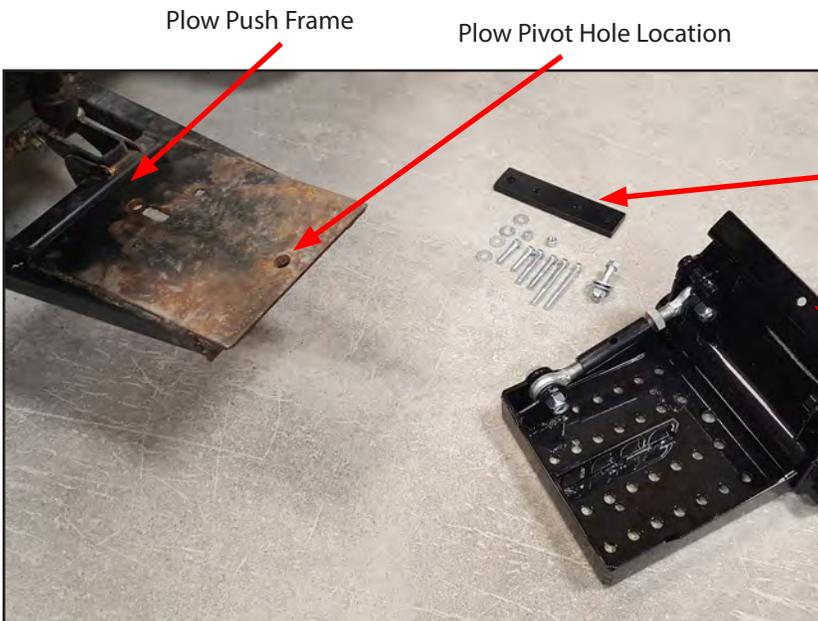


Remove Snow Plow from Push frame of UTV to prepare for Mounting Yak Quick Hitch

Plow Lifting Device
(Winch or Hydraulic Cylinder)

Push Frame (Plow Removed)

Step 4. Get ready to install the Yak Quick Hitch to the Plow Push Frame



Plow Push Frame

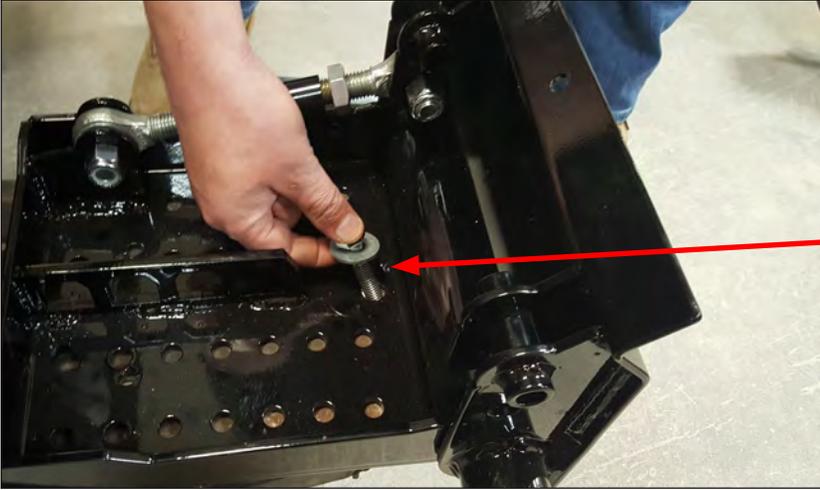
Plow Pivot Hole Location

Parts Needed For Installation are in Part box 2

Quick Hitch



Step 5. Connect the Yak Quick Hitch onto the Plow Push Frame's Plow Pivot Hole



Install the $\frac{1}{2}$ " x 2" bolt in the Plow Pivot Hole location. Use a washer on top and bottom and thread on the $\frac{1}{2}$ " Nyloc Nut underneath. Do Not Fully Tighten Yet.

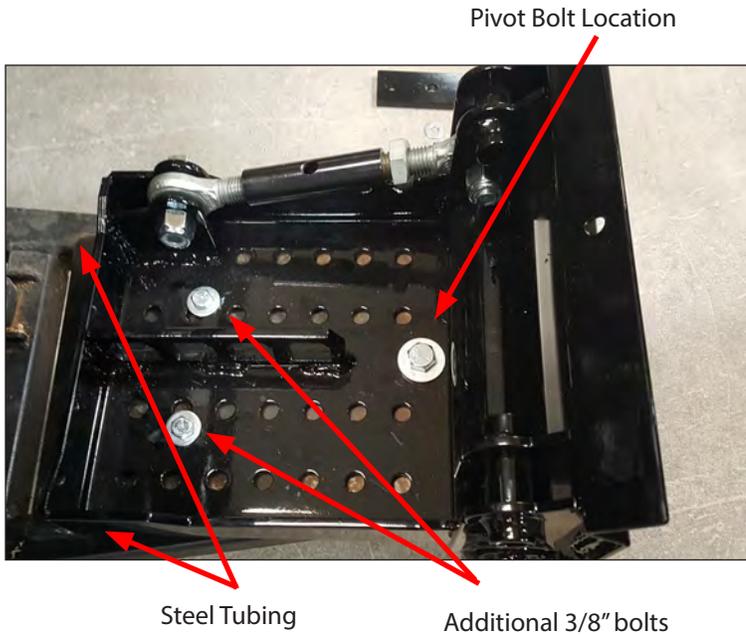
Step 6. Ensure the Quick Hitch is parallel with the front of your UTV



Make sure the Quick hitch is Parallel with the front of your UTV

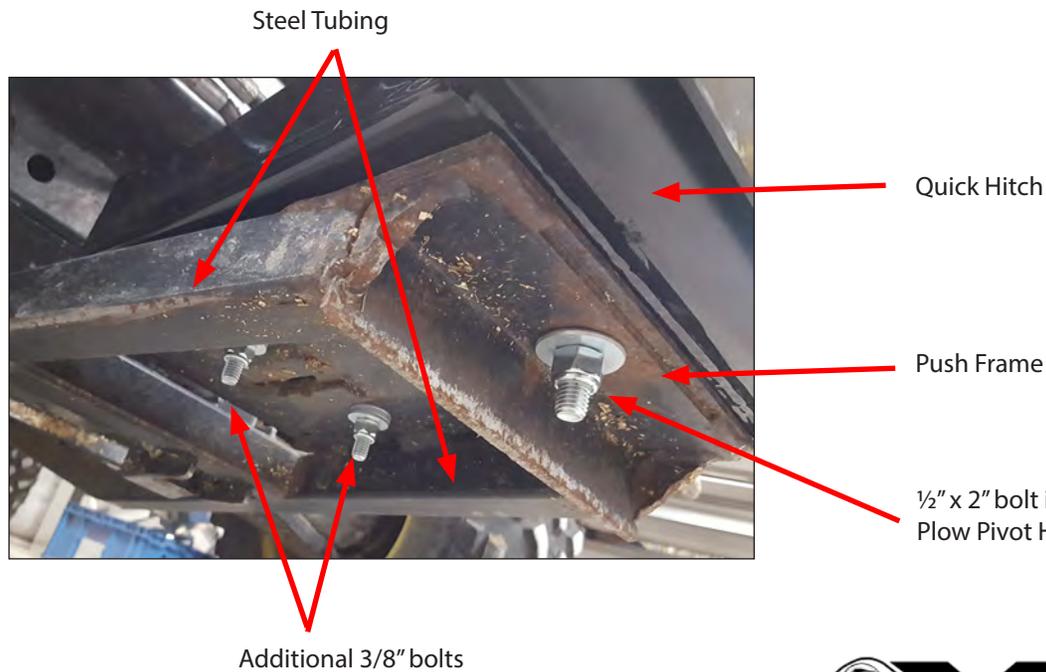


Step 7. Install 2 additional Bolts to Connect the Yak Quick Hitch to the Plow Push Frame Assembly



Install 2 additional 3/8" Bolts as far back and as wide as possible from the Pivot Bolt Location. This will create the most stable connection. There are 3 different length fasteners supplied with the Yak, use what is needed. There is also a painted steel clamp with 4 holes in it that can be used if required. Although the Quick Hitch comes with many mounting holes in it, for this installation we choose to drill 2 new holes in the Quick Hitch to align with holes already in the steel plate on the John Deere Plow Push Frame.

Note: we advise not drilling holes into the Steel Tubing of the push frame. If needed it is best to drill new holes in the Yak Quick Hitch or the Flat Steel Plate on the end of the Push Frame Assembly.

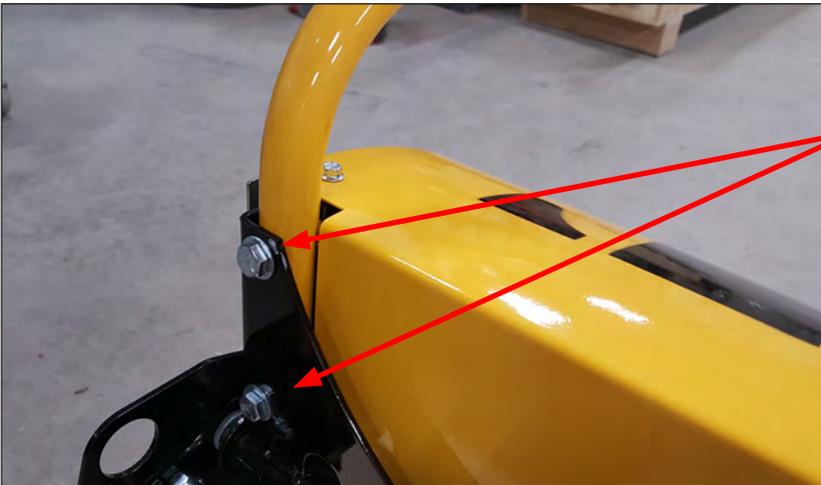


Step 8. Install the Debris Release Handle



Remove the handle from the pallet and un-wrap. Remove both bolts and washers from the end of the handle. Place handle with welded nuts facing inward toward the lid in the position shown in the picture.

Note: the handle needs to be mounted on the same side as shown in the photo because the handle latch is on this side.



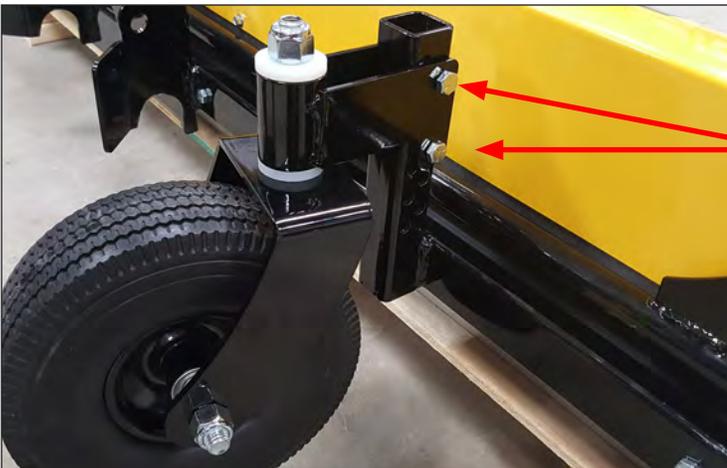
Fully tighten both bolts using a 9/16 wrench.



Step 9. Install the Casters



Slide the magnet so the back of the sweeper is at the edge of the pallet as shown.



Select desired caster height.

Insert both $\frac{3}{8}$ " x $2\frac{1}{2}$ " bolts and tighten with $\frac{9}{16}$ socket or wrench.

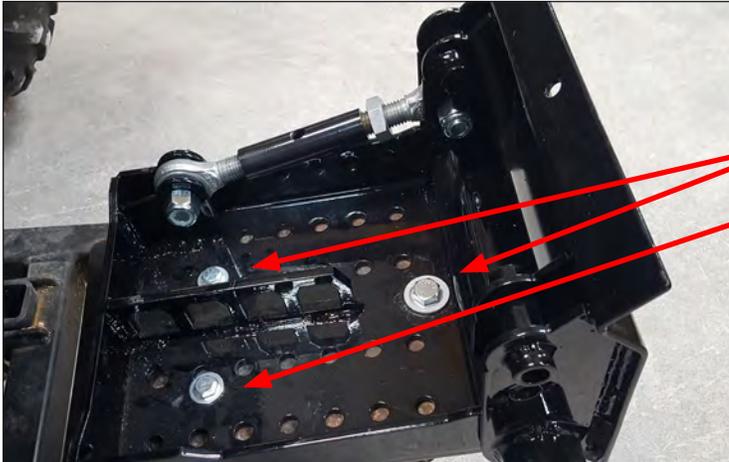
The upper most holes are the lowest sweeping height of 1", and the lower most holes are the highest sweeping height of 4". Sweeping height is adjustable in $\frac{1}{2}$ " increments using holes in-between. Set the other caster in the same vertical position. 2" to 3" sweeping height is recommended.



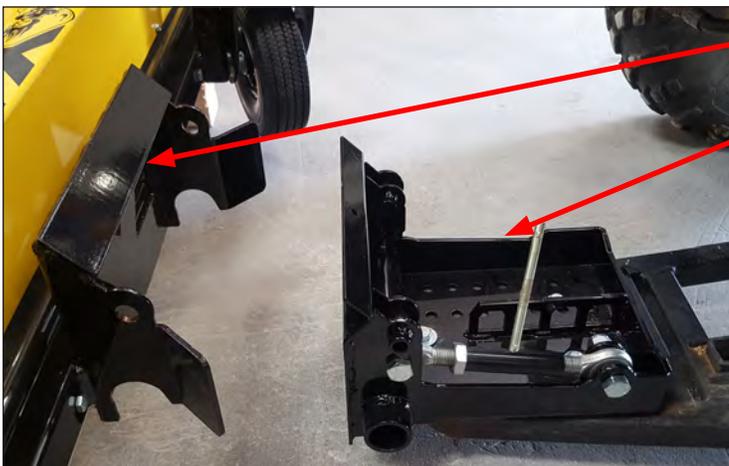
Result at this point in the assembly process.



Step 10. Connect the YAK to the UTV using the Quick Hitch



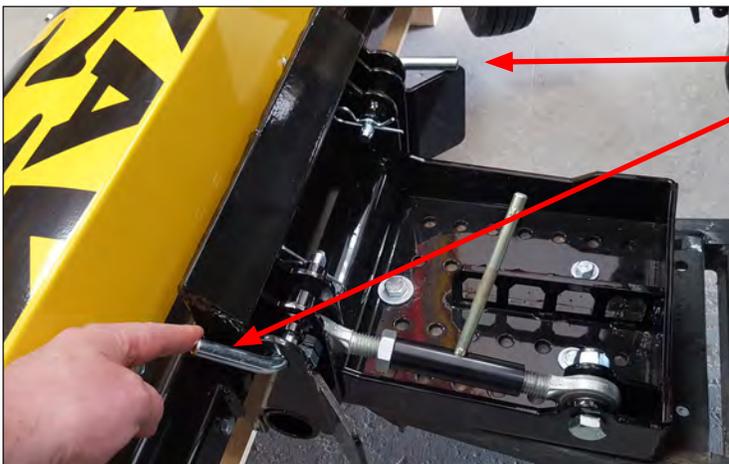
Tighten all 3 fastener's on the Quick Hitch if you didn't do it before



Receiver

Quick Hitch

Lower the Quick Hitch down using your Plow lifting device (winch etc) until it is close to the ground but not touching.



Bent Pins (with clips)

Drive your UTV forward until the Quick Hitch is in the Receiver on the back of the YAK. Lift the Quick Hitch upwards using your Plow lifting device and insert 2x Bent Pins with Clips.



Step 11. Remove the Yak from the shipping pallet

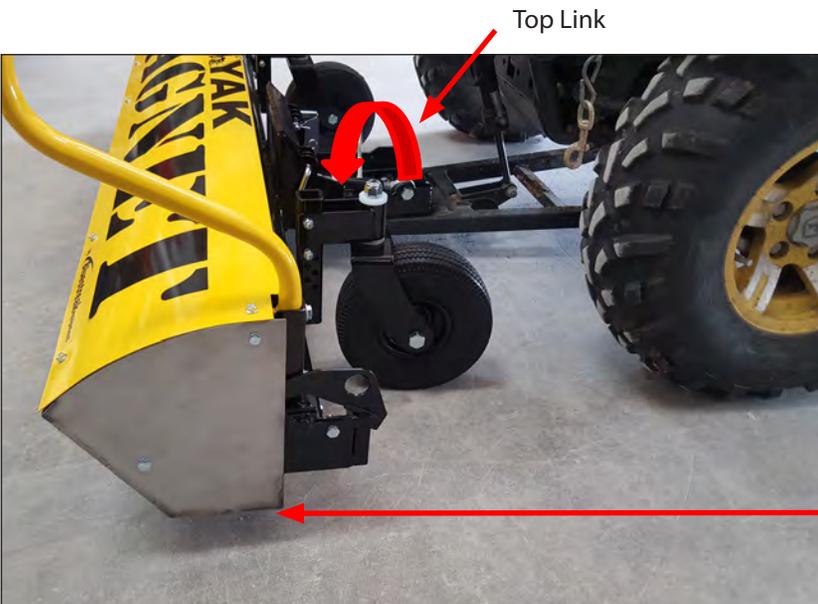


Pallet

Lift up YAK from pallet using the plow lift on your vehicle.

Back up and set Yak down on ground.

Step 12. Adjust Top Link to ensure bottom of magnet is level



Top Link

Adjust Top Link with the adjuster rod until the bottom of the magnet is level with the ground.

Bottom of Magnet



Step 13. Tighten nut on Top Link to ensure it remains in the same position



Top Link

Be sure to tighten the nut on the top link with a 1-1/8" wrench firmly to prevent it from coming out of adjustment.

1-1/8" Wrench

Step 14. Assembly is now complete



Your assembly is now complete!



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