

Universal Utility Body Hoist Installation

Hardware List

- 6 - 3/8" x 1" Grade 8 Bolts
- 4 - 3/8" x 1 1/4" Grade 8 Bolts
- 20 - 3/8 Flat washers
- 10 - 3/8" Nylock Nut
- 1 - Pulley Wheel, Pin & Clip
- 1 - Sticker - 350 LBS Capacity
- 1 - Sticker - Pinch Point
- 1 - Sticker - Danger When Lifting

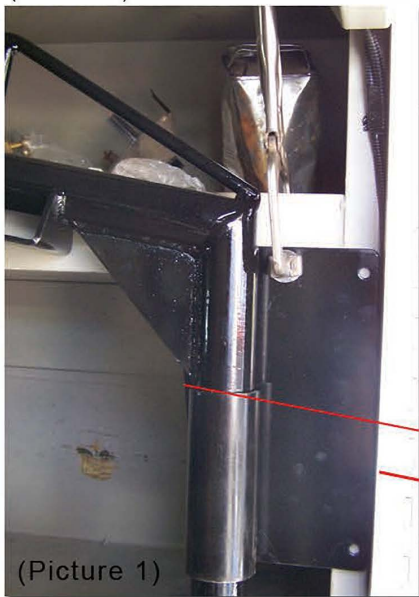
Tools Need

- 1- C-Clamp
- 2- 9/16 Wrenches or Ratchets
- 2- 1/2 Wrenches
- 1- 3/8 Drill Bit and Drill
- 1- Wire Cutters

1) Measure from the floor to the lowest part of the top door jam opening - this is usually the door shock. Cut the boom to fit this measurement leaving about 1/2" to 3/4 of an inch clearance.

2) Slide the Upper mount onto the Boom, then the lower mount and position the hoist into place.

3) Clamp the upper mount in place. Leave about a 1/4" of clearance between the Hoist gusset but leave no more than 3" of clearance between the upper mount plate and the end of the door jam leave about 1/8" gap or more if needed for the door clearance. (Picture 1)



(Picture 1)



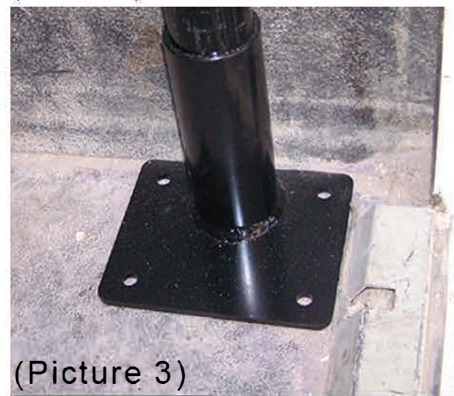
(Picture 2)

4) Check that the boom is parallel to the body by measuring off of the door jam to the boom and the top and bottom. (Picture 4)

4) Swing the boom out checking that there is at least a 1/2" of clearance between the Boom and the top door jam or lowest part. (Picture 2)

5) If needed, remove the boom and cut the needed amount from the bottom of the boom tube then repeat steps to install.

3) Position the lower mount so that the holes are facing the side of the van. (Picture 3)



(Picture 3)

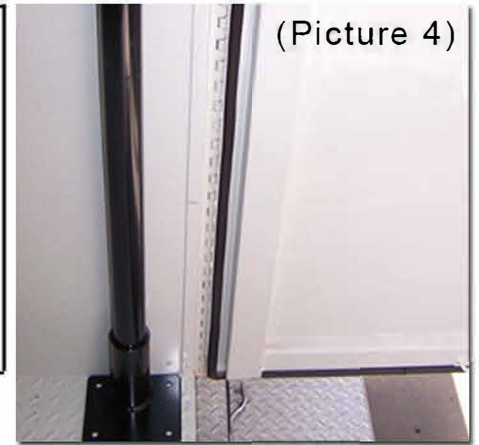
Leave Minimum 1/4" clearance. Maximum 3" clearance.

Leave 1/8" or more to clear door.

5) Close the rear doors and check that the door does not interfere with the mounts or boom. Make adjustments if needed.

6) Use the L-Brackets to mount in any locations the bolts will not work or if it needs extra support to the upper mount. Clamp in place anywhere they are needed.

Double check the Boom is correctly positioned and parallel to the body. Next, mark all the holes on the upper and lower mount.



(Picture 4)

8) Remove the hoist and drill the holes for the upper and lower mount using a 3/8 drill bit. Check that there is nothing in the way before you begin to drill.

9) Install the boom and mounts back into its place, and securely tighten all the bolts.

Upper Mount Hardware

- 6 - 3/8"x1" Grade 8 Hex Bolt
- 12 - 3/8" Flat Washers
- 6 - 3/8" Nylock Nut

Lower Mount Hardware

- 4 - 3/8"x1 1/2" Grade 8 Hex Bolt
- 8 - 3/8" Flat Washers
- 4 - 3/8" Nylock Nut

10) Place the Pinch Point safety Sticker next to the Pulley so it is clearly visible. Also place the 350lbs. Capacity & Danger When Lifting safety stickers near the Hoist so they are clearly visible to the persons operating the hoist.

11) At this point you should be completed with the Boom Installation except for the installation of the Pulley Wheel.

12) Proceed to the Electrical installation sheet to mount the motor correctly along with the electrical needed. Once the Motor is mounted Correctly you can assemble the Pulley wheel.

13) Final Step, slide pulley wheel into place with the cable routed above the wheel. Insert pin so the grooves align and then insert the clip. Place the Yellow Safety Strap To the Cable Hook and Hook onto Boom Loop.

14) Check everything is installed properly then you are complete.