



AutoStand Trailer Stand Operation Manual

Important notes:

- Only trained and authorized individuals should use this product.
- Use only original IRONGuard™ parts to service this product.
- This product works best on solid surfaces.

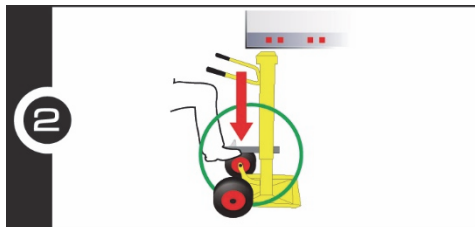
Before you begin:

- Complete a visual inspection of the AutoStand Trailer Stand for any obvious maintenance issues.
- Be careful moving around the loading dock area to ensure it is safe to move around the area.
- Use appropriate personal protective equipment such as gloves, safety glasses, safety vest, hearing protection and protective shoes.



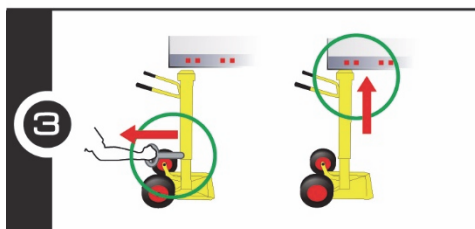
Step 1:

Position AutoStand under nose of trailer centered from both sides, ensuring the stand is positioned in the center of the trailer, 3 inches (8cm) to 6 inches (16 cm) deep, under the nose.



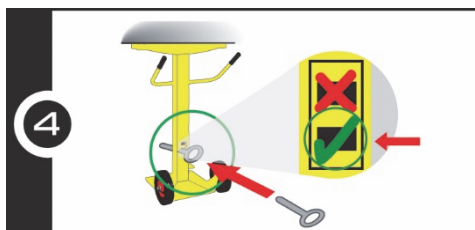
Step 2:

Step on the foot plate and press down firmly. You will release pressure on the locking pin mechanism.



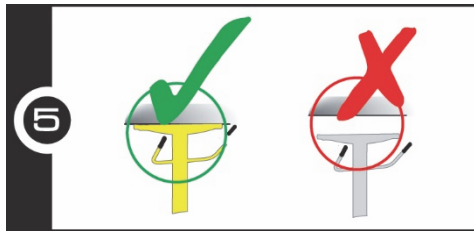
Step 3:

To release the locking pin mechanism; pull back on the hand-held pin while pressing down slightly on the foot plate. This will allow the AutoStand to rise to the underside of the trailer.

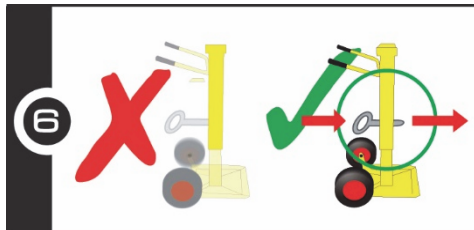


Step 4:

Once the AutoStand has reached the underside of the trailer, find the appropriate slot and insert the locking pin, locking the unit into place. Note: You may need to step on the foot plate to find the closest hole for locking pin.



Step 5: Ensure the AutoStand is as close to the underside of the trailer as possible (if not making contact). In some cases there will be a small gap between the top of the stand and the underside of the trailer.



Step 6: Ensure the AutoStand is in the correct locked position to avoid potential injury to personnel or damage to equipment. The locking pin should be fully inserted through the centre mast of the stand. If the pin is not fully inserted, repeat steps 3-5.



Critical safety tip:

If the AutoStand Trailer Stand does not have enough range to reach the underside of the trailer, use other means to protect against landing gear collapse and trailer tip over.

Removing the AutoStand Trailer Stand

Complete all of the previous steps in reverse order.



Critical safety tip:

If you are unable to remove the locking pin, there may be an unsafe condition the AutoStand has prevented. **Removing it at this point may cause a larger accident.** Contact the loading dock supervisor for assistance as the trailer may need to be supported by other means before the AutoStand can be safely removed.

Once removed, store the unit out of the way of dock traffic and complete a visual inspection to ensure there are no obvious maintenance issues.

Warranty Statement

Ideal Warehouse Innovations, Inc. warrants for a period of three hundred and sixty-five (365) days from date of installation, or three hundred and seventy-five (375) days from date of shipment, whichever shall occur first, that all products and service parts shall be free from defects in workmanship and material. If the equipment or any part thereof, is returned, transportation charges pre-paid, within the periods specified above, and if examination by Ideal Warehouse Innovations, Inc. discloses to its satisfaction that the said equipment or part thereof has been defective in workmanship or material, it will deliver to the purchaser, without charge, parts of the first class workmanship and material in exchange for any parts so found to be defective, and Ideal Warehouse Innovations, Inc. is limited to said exchange.

This warranty shall not apply: (1) to maintenance service or adjustment; and (2) to any equipment which shall have been repaired or altered outside of Ideal Warehouse Innovations, Inc. or its authorized service representatives.

These warranties are in lieu of all other warranties, expressed or implied, including, without limitation, warranties of merchantability and fitness for purpose, all other representations to the first user purchaser, and all other obligations or liabilities, including liability or incidental and consequential damages, on the part of Ideal Warehouse Innovations, Inc. No person is authorized to give any other warranties or to assume any other liability on behalf of Ideal Warehouse Innovations, Inc. unless made or assumed in writing by Ideal Warehouse Innovations, Inc.

Recommended Safety Inspection and Maintenance Schedule

Inspect for	Action
Before each use:	
A visual check should be performed before each use.	Look for any bent parts (ie. handles, top channel, axles), check for any broken welds, and make sure locking pin is present.
Monthly:	
Locking pin insertion through mast. Pin must travel freely in and out of the mast.	1. Clean pin and channel that it slides in. 2. Spray pin with silicone spray. Do not use heavy oils or grease that will trap dirt. 3. Replace or repair parts if necessary.
Up and down function of stand. Should raise automatically when locking pin is pulled out and lower by pushing on foot pedal.	1. Raise unit to top of travel, clean and re-grease bottom section of mast. 2. Check internal gas shock. 3. Replace or repair parts if necessary.
Bent or damaged top channel	Replace or repair if necessary.
Bent, damaged or missing handlebars, critical fasteners, tires, etc.	Replace or repair if necessary.
Every 90 days:	
Inspect for bent, damaged or missing handlebars, fasteners, grips, tires, labels, etc.	1. Check to ensure all moving parts operate smoothly. 2. Clean labels so instructions are clear and visible. 3. Replace or repair if necessary.

Gas Shock Removal/Installation Instructions

 DANGER !!!

This is the highest level statement. Failure to follow the listed instructions will most likely result in severe injury or death.

 CAUTION !!!

The statements used with this level of warning deal with a safe operating procedure. If the procedure is ignored, the possibility of personal injury may exist.

 WARNING!!!

This is a statement of serious hazard. Failure to follow the listed instructions could place the individual at risk of serious injury or death.

IMPORTANT!!!

IMPORTANT is used to draw attention to a procedure that needs to be followed to prevent machine or property damage.

Step 1:

Post safety warning and barricade work area, to prevent unauthorized use of the area while service work is being performed.

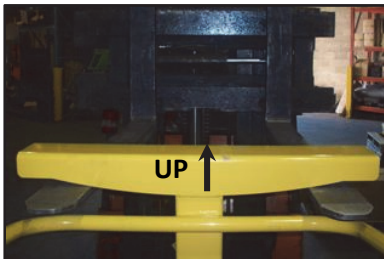
Step 2:

Ensure the Stand is in a vertical upright position. Remove and store the locking pin. Allow the Stand to rise to its maximum raised position (as high as the unit will go).



Step 3:

Locate the top channel nut and bolt assembly for the gas shock (located under the top channel assembly). Using a 14mm (or 9/16") deep socket and ratchet on the bolt head and a 14mm (or 9/16") deep socket on the nut, loosen the assembly completely. Remove nut and bolt (save for re-use).



Step 4:

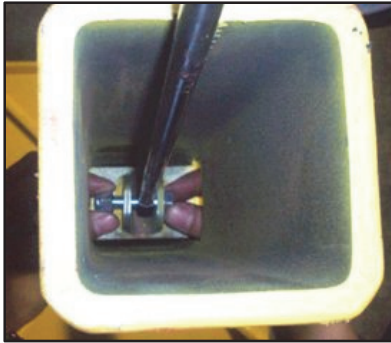
Using a forklift (recommended) or 2 people (one on each side), lift the top channel assembly off the lower tube assembly. Place the top channel assembly in a safe location for re-use later.



Step 5:

Locate the lower nut and bolt assembly for the gas shock, (located at centre of the lower tube assembly). Using a 14mm (or 9/16") deep socket and ratchet on the bolt head and a 14mm (or 9/16") deep socket on the nut, loosen the assembly completely. Remove nut and bolt assembly (save for re-use).

Note: Do not over tighten.



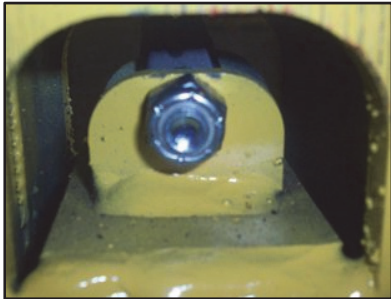
Step 6:

Remove gas shock.

Step 7:

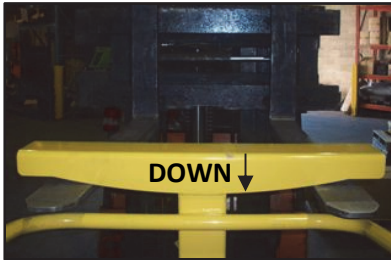
You are now ready to replace your gas shock.

Using the same nut and bolt removed in steps 3 & 5 from the original gas shock, place gas shock eyelet between the gas shock holder on the lower tube assembly. The silver part of the gas shock should be facing down. Using your fingers thread the bolt through the gas shock holder and gas shock eyelet and place nut on opposite side. Using a 14mm (or 9/16") deep socket and ratchet on the bolt head and a 14mm (or 9/16") deep socket and ratchet on the nut, tighten the assembly together.



Step 8:

Using a forklift (recommended) or 2 people (one on each side), lift the top channel assembly over the lower tube assembly and lower slowly. Ensure that you line-up the gas shock holder with the eyelet on the gas shock.



Step 9:

Using your fingers thread the bolt through the gas shock holder and gas shock eyelet and place nut on opposite side.



Step 10:

Using a 14mm (or 9/16") deep socket and ratchet on the bolt head and a 14mm (or 9/16") deep socket and ratchet on the nut, tighten the assembly together.

Note: Do not over tighten.



Step 11:

Replace Locking Pin. Test unit by stepping on foot plate ensuring the unit travels up and down (lowers and rises) freely.

Congratulations! You have successfully completed your installation.

AutoStand Trailer Stand Parts Listing

Key	Part #	Description	Quantity Per Stand
	60-5452	Complete AutoStand Trailer Stand	1
1	50-9250	Base Plate & Lower Tube Assembly	1
2	50-9251	10" Wheel with cotter pin & axle washer	2
3	50-9252	Gas Shock (Internal)	1
4	50-9253	Thru Bolt for Gas Shock (Internal)	1
5	50-9254	Top Tube Cover & Channel Assembly with Handle Bars and No Grips	1
6	50-9255	Handle Bars Only (must be welded on site)	1
7	50-9256	Handle Bar Grips	2
8	50-9257	Locking Pin	1
9	50-9258	Chain Attachment for Locking Pin	1
10	50-9259	AutoStand/Instruction Label	1

