

Providing Mobility Solutions  
Gondola Train



GONDOLA TRAIN PROVIDES  
THE FASTEST AND EASIEST  
GONDOLA MOVING SYSTEMS  
AVAILABLE TODAY

**SAM**



**SHELVES ALWAYS MOVING** Gondola Train™

## Installation Instructions



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# Total System Contains:

1 – Diamond Plate Job Box  
 1 - Work Flow Mobile Cart  
 7 - Lifting Bars  
 12 – Yellow Connecting Bars  
 14 - Jack Assemblies  
 12 - Red Sway Bars

14 – Guide Handle Bars  
 4 - Box Lifter Adaptor Pegs  
 2 – Yellow Jack Retention Bars  
 2 – Wheel Turning Handles  
 1 – Accessory Kit  
 1 – Instructional Manual



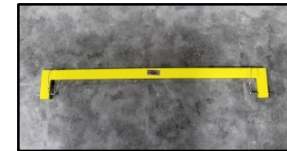
1 - Diamond Plate Job Box



1 - Work Flow Cart



7 - Lifting Bars



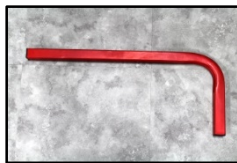
12 – Yellow Connecting Braces



14 – Jack Assemblies



12 - Sway Bars



14 – Guide Handle



4 – Box Lift Adaptor Pegs



2 – Wheel Turning Handles



2 – Yellow Jack Retention Bars



1 – Accessory Kit

# SAM Moving Instructions:

## **Before moving any equipment:**

- Please check all Gondola fixture for structure stability & integrity
- Inspect & ensure the product on gondola fixture is secure and stable including top stock

# Positioning Box & Cart

1. Lower ramp gate and remove the (4) box lifter adaptor pegs from work cart.  
Close ramp gate



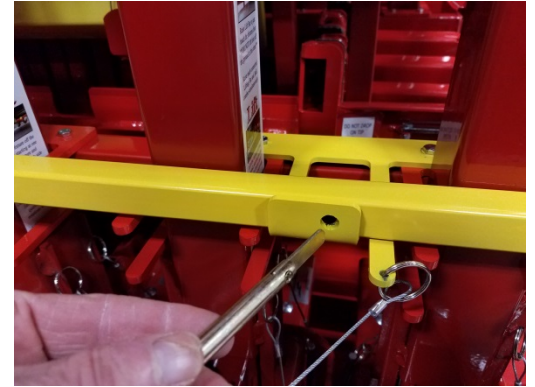
2. Install each box lifter adaptor peg as shown ensuring locking pin is secure



Locking Pin



3. Open side door and remove yellow jack retention bars and 4 roller jacks



**After removal of jacks be sure to replace the yellow jack retention bar**

4. Install roller jacks onto the tongue of the box lifter adaptor peg ensuring the safety latch engages onto the roller jack receiver.

**“Listen for the Click”**



**Push low on Roller Jack; for ease of connection and to reduce binding**

5. Turn wheels in the direction of the initial movement



*Direction of  
Initial Movement*



*Wheel Position*

6. Simultaneously lift all four corners until box is off the floor



7. When moving the box, never position anyone in front of the box.  
Push from behind and guide from the sides



8. Position box near work area as not to interfere with the moving of the gondola leaving ample room for removal of cart and jacks  
In unison lower all four corners of the box to the ground



9. Unlatch the roller jack from the box lifter adaptor peg by stepping on the safety latch and pulling on the lower handle of the roller jack

Pulling high on the roller jack will cause binding; you must use the lower handle for a smooth release



**Pull using handle on  
bottom of jack**

10. Remove the (4) box lifter adaptor pegs and replace on cart

**Must Remove  
Jacks & Lift Pegs  
Prior to Shipping**



# Layout & Installation

11. Prior to installing it is recommended to remove any necessary end caps and clean under the existing shelves, the travel path way, the future placement of the gondola



12. Lower gate; remove drop pins from locking brackets on both sides of cart and roll cart from box



13. Working from the cart and starting at one end; begin placing the red lift bar under the gondola. Verify center of lift bar opening is located around the main upright, and that lift fingers on the bar are facing the same direction.



To confirm the lift bar is centered on upright, align the base deck with the appropriate shelf indicators either 18" or 24" base deck



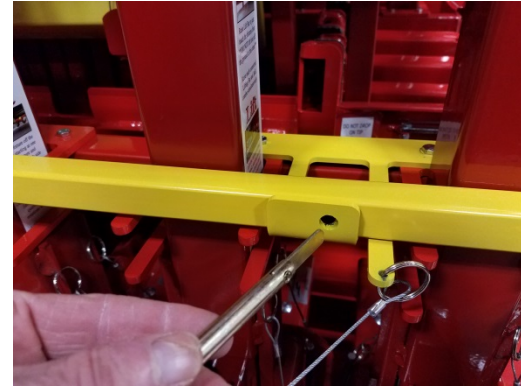


14. Once lift bars are in place, begin installing the yellow connecting bars into the slots on the lift bar. Repeat until all lifting bars are locked together with the yellow connecting bars. Continue by installing yellow connecting bars on the opposite side of the fixture.



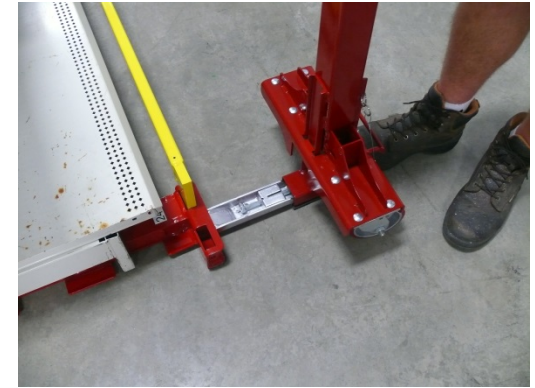


15. Remove yellow jack retention bar and remove quantity of jacks required



**After removal of jacks be sure to replace the yellow jack retention bar**

16. Position roller jacks in front of lifting bars with the jack handles facing outward



17. Install roller jacks onto the tongue of the lift bar ensuring the safety latch engages onto the roller jack receiver

“Listen for the Click”



**Push low on Roller Jack; for ease of connection and to reduce binding**

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19. **Must start at one end of the fixture and move down the gondola;** installing sway bars into roller jacks and installing locking pins.

To install the sway bars you need to angle the sway bar, lift vertical, and then drop it into the slot on the roller jack



**Angle**



**Lift**



**Drop**

20. Prior to lifting the gondola it is important to follow the four step “WIRL” process

# W.I.R.L.

## WHEELS

## INSPECT

## RAISE

## LIFT

### W.I.R.L.

#### Wheels



Turn Wheels in Direction of Initial Movement/Push

#### Inspect



Lift bars are tight against fixtures feet

#### Raise



Raise Lift Bar to just touch the fixtures foot  
\*\*DO NOT lift foot off the ground at this time\*\*

Raise each connected Lifting Bar and Jack combo simultaneously

#### Lift



Lift the fixture off the ground; starting at one end of a fixture and working down each side of the fixture.

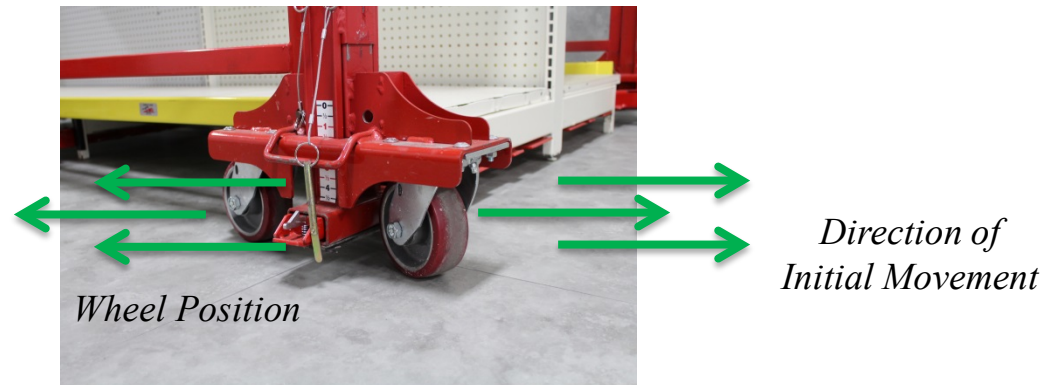
Simultaneously 2 people begin raising each connected Lifting Bar and Jack combo. Ensure quantity of lifting rotations are in sync.

Lift between 1/2' and maximum 1" to clear floor imperfections



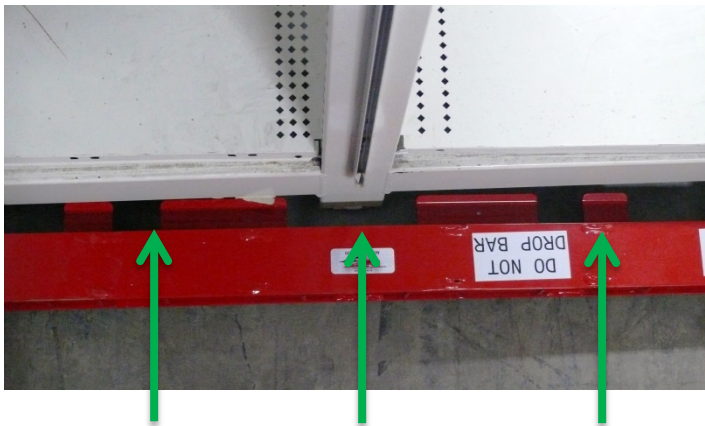
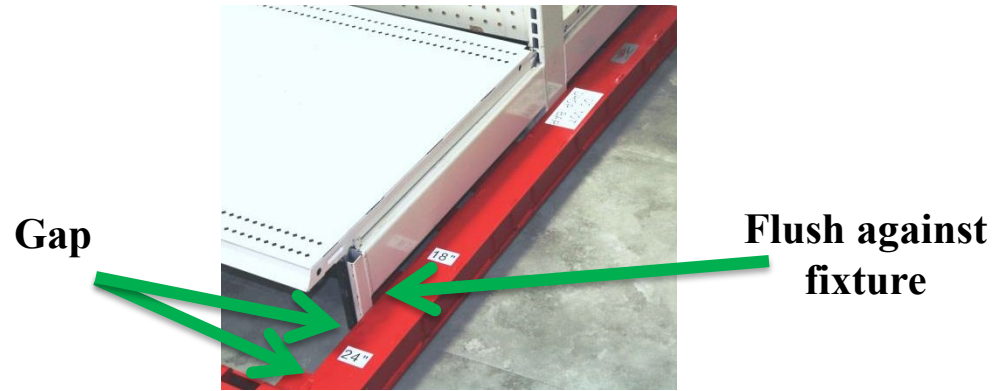
# Wheels

- a. Wheels – Turn Wheels in Direction of Initial Movement/Push



# Inspect

- b. Inspect – Confirm that the lifting bar is tight against the side of the shelving unit; if not push the lifting bar tight. Be sure that there is a slight gap from lifting bar's lip and front of uprights foot. Be sure to inspect each upright



Push lifting bar tight against the upright of the fixture



This lift bar is properly engaged and ready to move the fixture

# Raise

**At all times the combination of one lift bar and two jacks require two team members to raise and lower simultaneously**

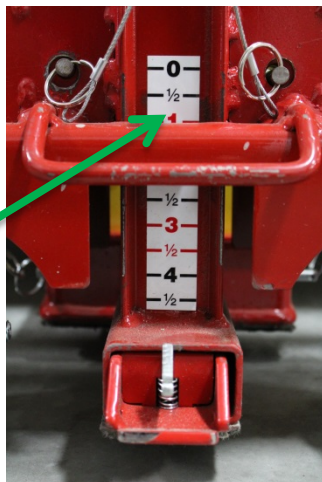
c. Raise - Raise lift bar to just engage the gondolas horizontal bar

**\*\*DO NOT lift foot off the ground at this time\*\***



*\* Make note that the fixture feet are still on the ground*

After initial raise; make note of the measurement on the roller jack



**Measurement  
Height**

Raise remaining jacks to the noted measurement



# Lift

- d. Lift - Lift the gondola off the ground; starting on the end of a gondola and working down the fixture. Simultaneously begin raising each connected lifting bar and jacks combo.

**\*\*A maximum of 6 – 8 rotations of jack handle\*\***

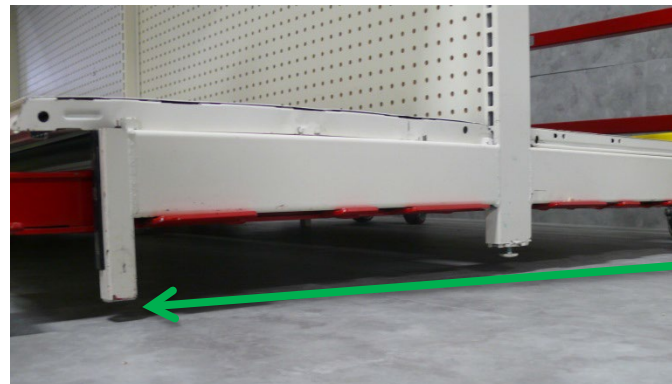
**We suggest counting rotations out loud with your team member to keep in sync**



**NEVER lift over 3 ½ inches**

If more clearance is required; complete 2 to 4 additional handle revolutions per jack combo

**DO NOT lift fixture too high, just enough to clear floor imperfections.  
1 inch off the ground is suggested\*\***



**Lift the minimal height possible to travel without issues**



# Moving

## 21. Install guide handles bars

The front guide handles should be placed parallel to the shelves. The front guide handles are used to guide, NOT to push the shelving unit. Install the rest of the guide handles



**Front guide handle needs to be parallel with the fixture**



To raise or lower, the guide handles need to be placed parallel with the gondola



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22. Begin moving the gondola by applying even pressure on the guide handles.



**Initiate move by applying even pressure on guide handles  
excluding the lead guide handle**

**Use the lead jack & guide handle for directional guidance only**



**ALWAYS Push on guide handles to move  
SAM System to keep feet clear of wheels**



*Warning: May  
cause injury if  
proper guidelines  
are not followed*

**NEVER pull on guide handles, jacks, or  
any part of SAM Gondola Moving System.**

# Positioning & Lowering

**At all times the combination of one lift bar and two jacks require two team members to raise and lower simultaneously**

23. Starting at one end lower the lift bar and jack combo 6 – 8 rotations; lower just until the gondola foot reaches the ground

**Do not lower to ground level at this time!**



**Fixture Foot just touching the ground**

Continue in secession until all roller jacks have been lowered 6 - 8 rotations

24. Lower the roller jack & lift bar combo completely to the floor.



**Lower lift bar completely to the ground**

# Removal

25. Slide complete system away from upright; enough to clear the gondola.



26. Remove guide handle bars

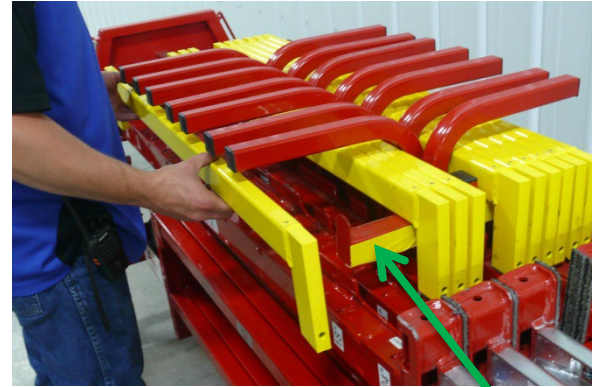


27. Disengage sway bars from roller jacks, load the red sway bars onto the cart





28. Disengage yellow connecting bar from the lift bar and place connecting bar on cart

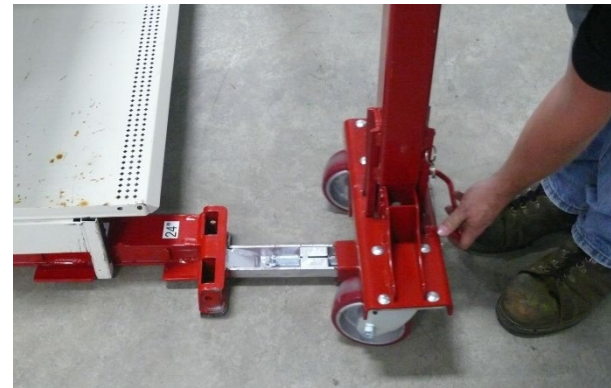


**Place yellow bars on yellow arms of mobile cart**

29. If moving to another aisle; starting at one end unlatch the roller jack from the lifting bar by stepping on the safety latch of the lift bar and pulling on the lower handle on the roller jack.



**Pull using handle on bottom of jack**



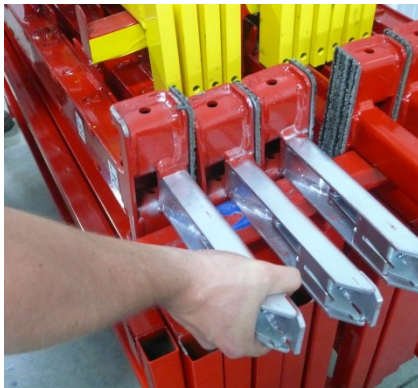
**Pulling high on the roller jack will cause binding; you must use the lower handle for a smooth release**

**Do Not leave rollers jacks unattended**

30. Remove lifting bars from under gondola and place on cart with the lift bar fingers facing up



Team lifting is recommended when loading the lift bars onto the cart



Load by holding lift bar tongues



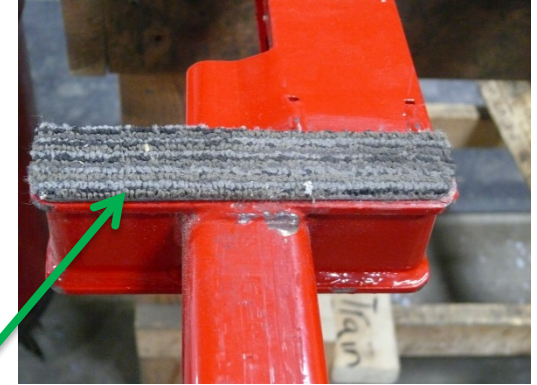
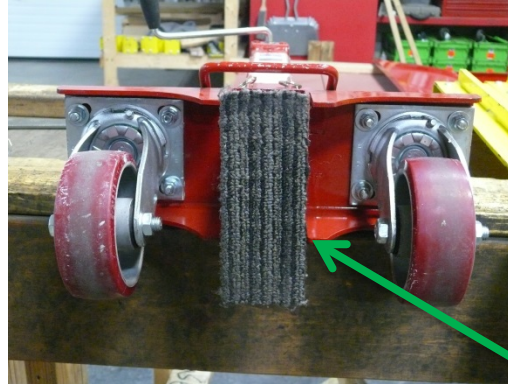
**Tabs facing upward**  
**\*Numbers Out - Tabs Up**

31. Roll cart to next assigned aisle repeating lifting bar and connecting bar steps, repeat steps #11 - #22 (Pages 10 - 21)



# Clean Equipment & Packing the Box

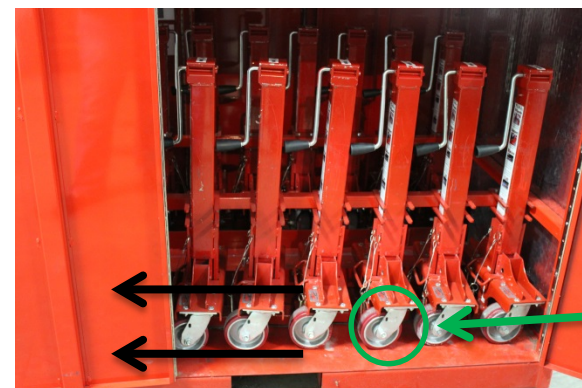
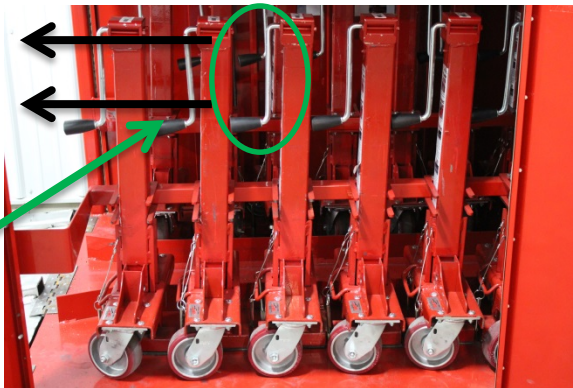
32. Prior to replacing back into the box, verify that all components (Refer to Page 3) are accounted for and everything is clean & in proper working order. Wheels need to be free of debris and all carpet pads are clean & firmly attached.



**Check that carpet is firmly attached. Replace if needed**

33. Set roller jacks back into box with black handles and all wheels towards ramp side of box

**Jack handles  
towards ramp  
side of box**



**Turn wheels  
towards ramp  
side of box**

Be sure to have side doors completely open when placing roller jacks in the box

34. Must replace yellow jack retention bar and locking drop pins into brackets prior to shipping



34. Roll cart into box; next you MUST insert drop pins on both locking brackets



**Narrow side  
first**

