

## SECTION 1

## Dual Air-Swap System Components



**Demountable containers,** standard truck bodies equipped with retractable legs.



**Straight trucks** with a pneumatic lifting system installed on their chassis for mounting, demounting, locking, and transporting containers.

An improperly secured container that falls off a chassis can result in injury or death.

It is the driver's responsibility to make sure that the container is properly locked onto the chassis before each trip.



Be sure all people are clear of the container when mounting and demounting.

Do not operate equipment without proper training from Demountable Concepts or an authorized training provider.

To avoid injury ALWAYS USE HANDLES to operate legs.

- Review the pre-trip inspection procedure in this manual before every operation and report any defect or problem on your daily driver inspection report.
- Read and understand all safety labels on the equipment.
- Failure to check that chassis is centered and straight when backing under or pulling out is the primary cause of damage.

#### **When demounting bodies:**

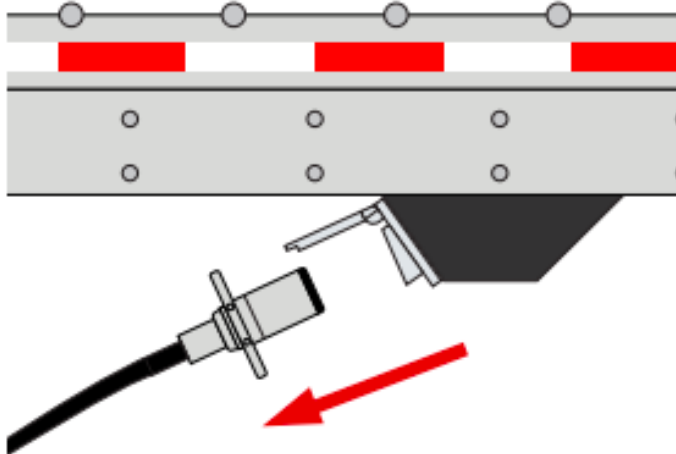
- Be sure all legs are in proper position with the leg brace and the spring bolt pin engaged.
- Light plug must be disconnected.
- Bodies must be unlocked.

#### **When transporting the container on chassis:**

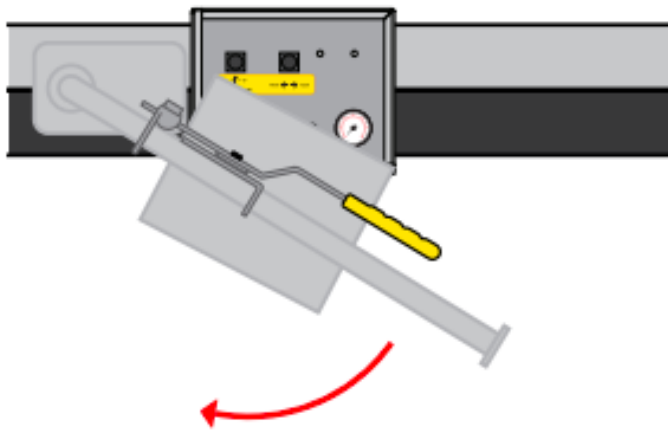
- The container must be locked in place – Visually confirm by checking locking hooks and levers before each trip.
- All legs must be stored and locked in place.
- Light plug must be connected.
- Vehicle must be set to ride height.



1. Inside the cab, start the truck.
  - Engage the parking brake.
  - Air pressure must be 120 PSI for the system to operate.



2. Locate and disconnect the light plug on the container near the lifter control box behind the cab.
  - Store it in the storage holder.

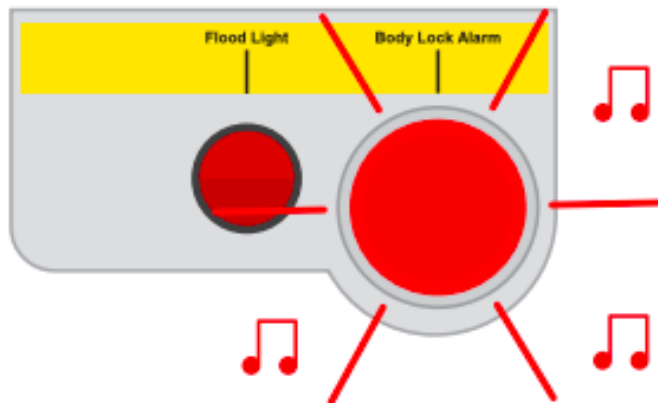


3. At the lifter control box:
- Remove the locking key.
  - Push the safety handle inward to release the locking assembly.
  - Lower the locking bar to expose the controls.

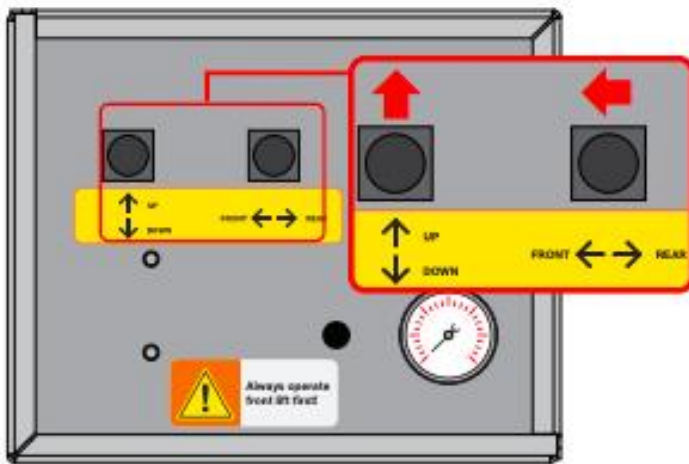
### 3 Demountable Concepts Dual Air-Swap Operating Instructions

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4. The container is now unlocked from the chassis.
- The alarm in the cab will flash and make a sound.
  - This will continue until the locking assembly is engaged.



**5. Always operate the front lift assembly first.**

- Inside the control box, set the selector lever to front.
- Raise the front lift assembly by holding the lift control lever in the up position.



**6. Set the front legs.**

***When working with legs:***

- ***Always wear gloves for hand protection.***
- ***Never put fingers into the holes in the legs.***

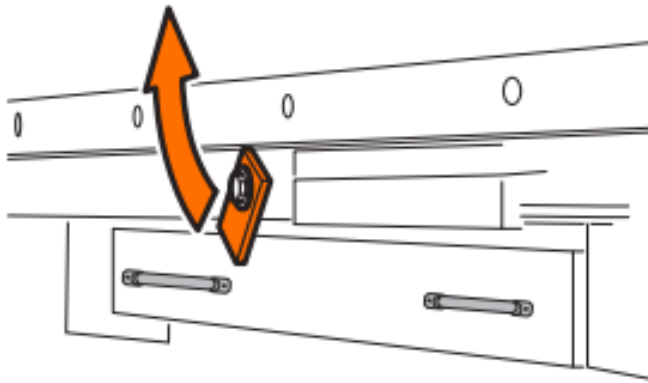
There is a lower telescoping section of the leg. Once the ideal height is determined for your swap yard, this will not have to be adjusted on a daily basis.



**WARNING: To Avoid Injury Always Use Handles When Working With Legs**

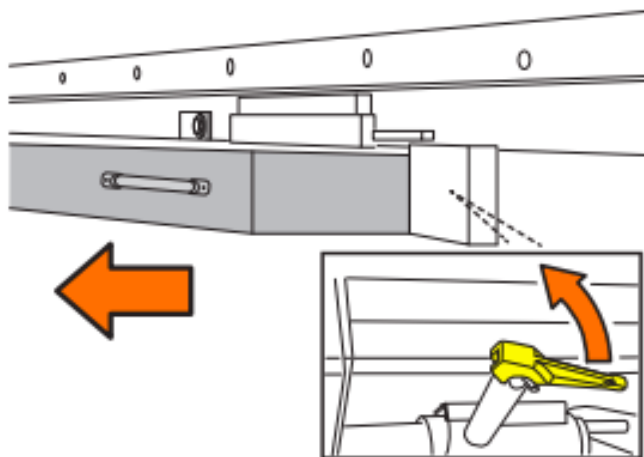
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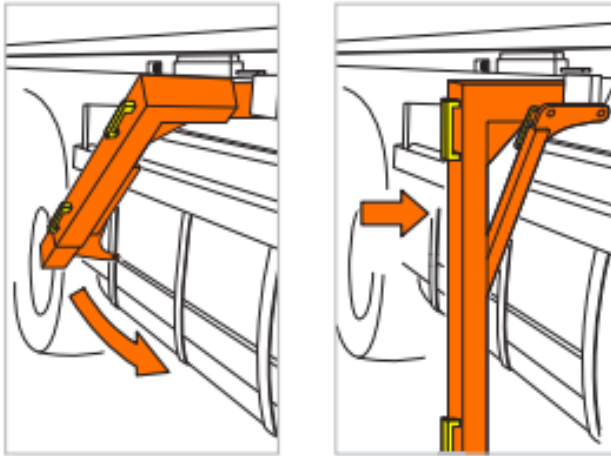


### 7. Start with the driver-side front leg:

- Swivel the secondary safety device to the side.



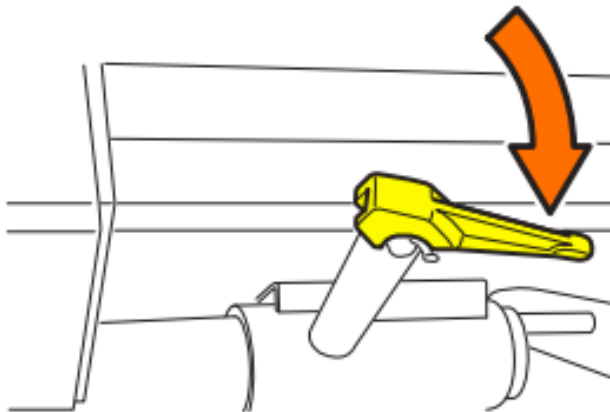
- ### 8.
- Unlock the spring bolt by pulling the actuation handle.
  - Using the handles, grab the support leg from below with both hands and carefully pull it out until it stops.



9. • Gently lower the leg to the vertical position. Do not drop it.
- Remove leg brace from the holder and secure it to the container.

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### SECTION 3 Demounting Container



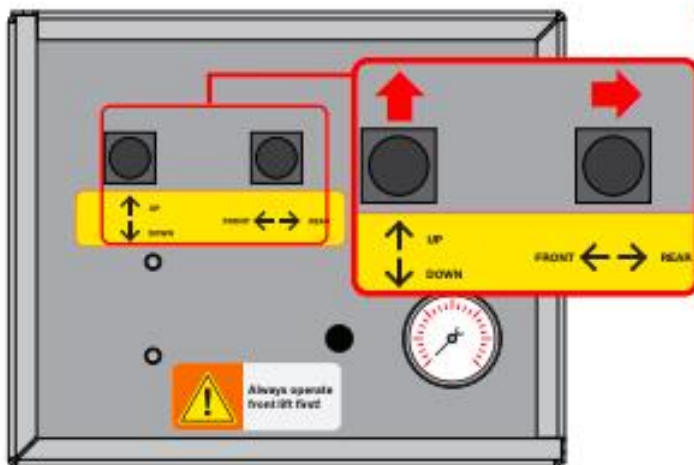
10. • Lock leg assembly by folding over the actuation handle of the spring bolt.

Push the leg in and out until the spring bolt pin is engaged and snapped into position.



11. The support leg is only securely locked when the leg brace and the spring bolt pin are engaged.

**Repeat same steps on the passenger-side front leg.**



12. Return to the control box and move the selector lever to rear.

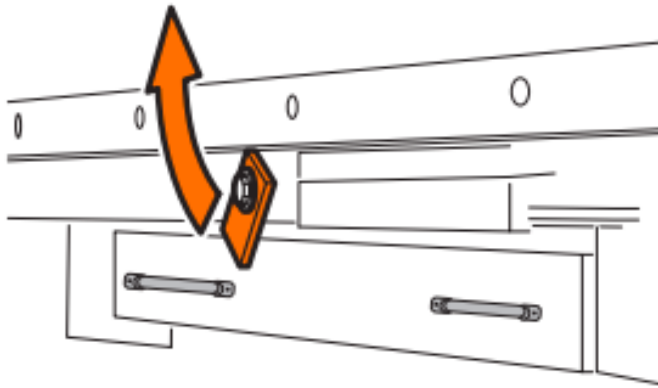
- Raise the rear lift assembly by holding the lift control lever in the up position.

**Note: Front lift assembly will automatically lower when rear lift is raised.**



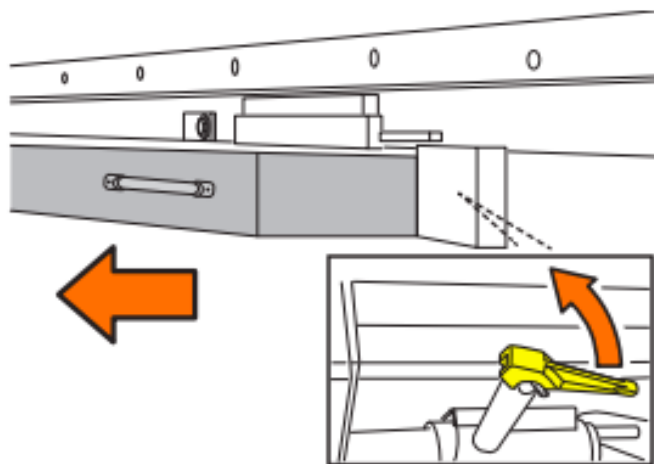
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## Demounting Container



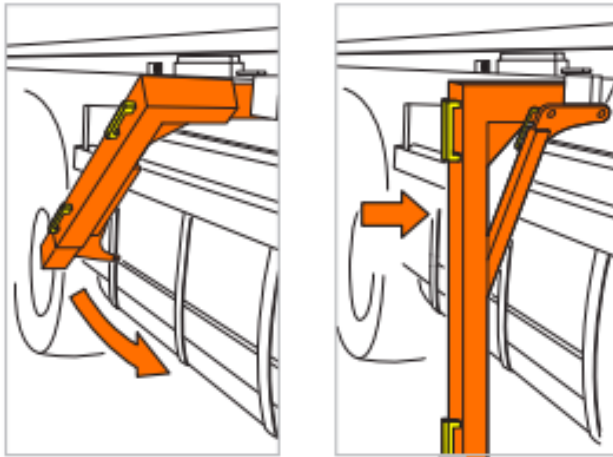
### 13. Start with the driver- side rear leg:

- Swivel the secondary safety device to the side.



### 14. • Unlock the spring bolt by pulling the actuation handle.

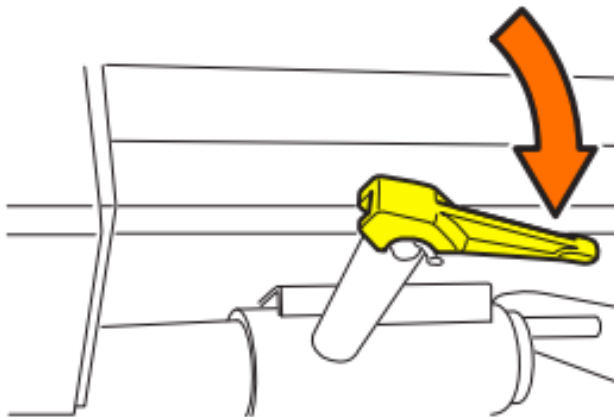
- Using the handles, grab the support leg from below with both hands and carefully pull it out until it stops.



- 15.** • Gently lower the leg to the vertical position. Do not drop it.
- Remove leg brace from the holder and secure it to the container.

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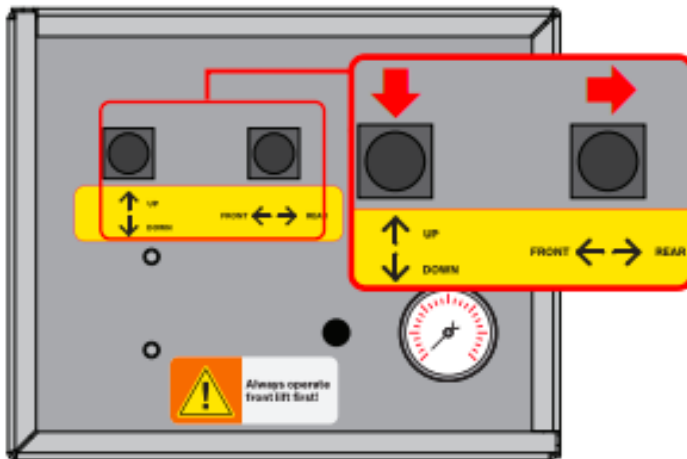
- 16.** • Lock leg assembly by folding over the actuation handle of the spring bolt.

Push the leg in and out until the spring bolt pin is engaged and snapped into position.



- 17.** The support leg is only securely locked when the leg brace and the spring bolt pin are engaged.

**Repeat same steps on the passenger-side front leg.**

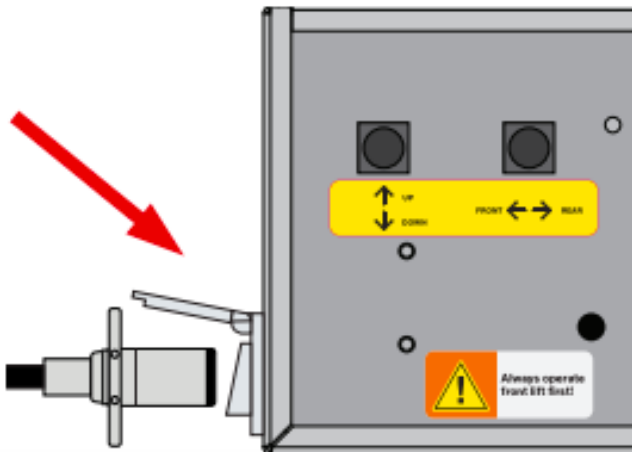


**18.** Return to the control box.

Lower the rear of the lift assembly by moving the selector lever to rear and holding the lift control lever in the down position.

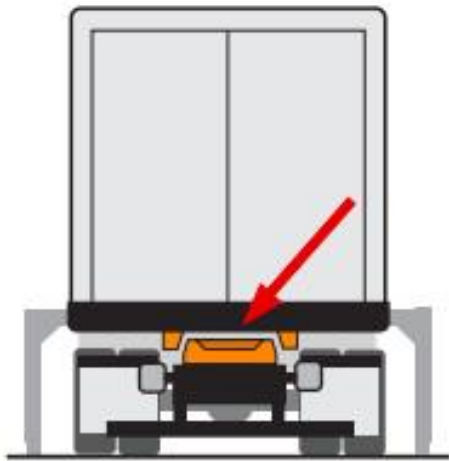
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**19.** Double check that light plug is disconnected from the container.

- It must be inserted the storage holder on the side of the control box.



20.



**Warning: Check for clearance before pulling out**

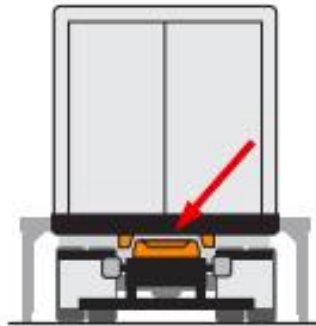


21. Return to the cab of the truck.

- Pull straight out until the chassis is clear of the container.

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1. Make sure the locking hooks are in the unlocked and down position.

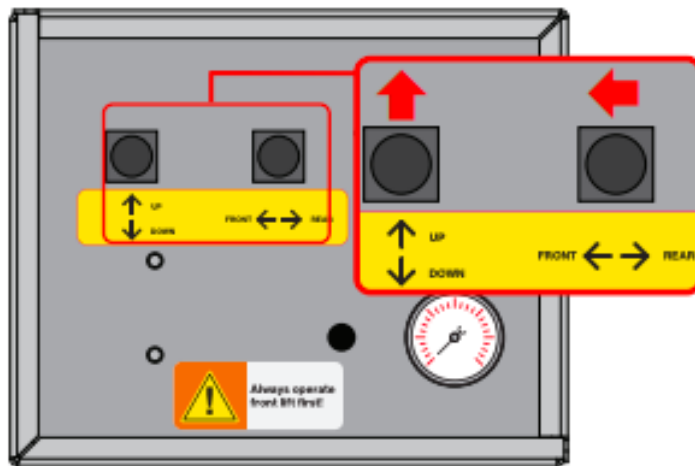
***The in-cab container lock alarm will sound until a container is locked in place.***

Make sure the chassis is aligned straight in front of the container. If needed, lower the air-suspension.



2. Slowly back the truck straight under the container until the front stops on the lifter contact the front of the container.

- Exit the cab and check alignment.
- Go to the lifter control box.

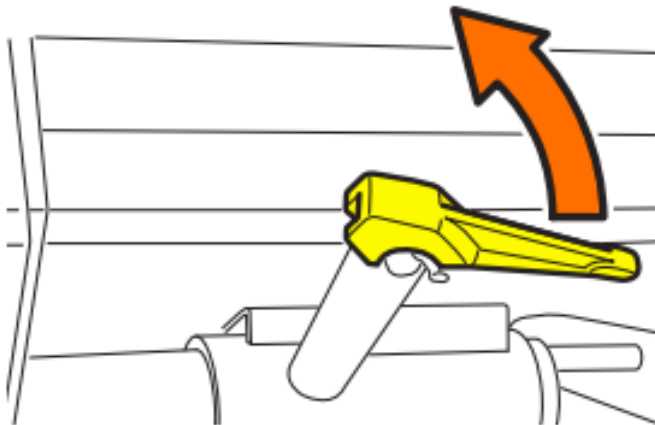


### 3. Always operate the front lift assembly first.

- Inside the control box, set the selector lever to front.
- Raise the front lift assembly by holding the lift control lever in the up position.

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## Mounting Container

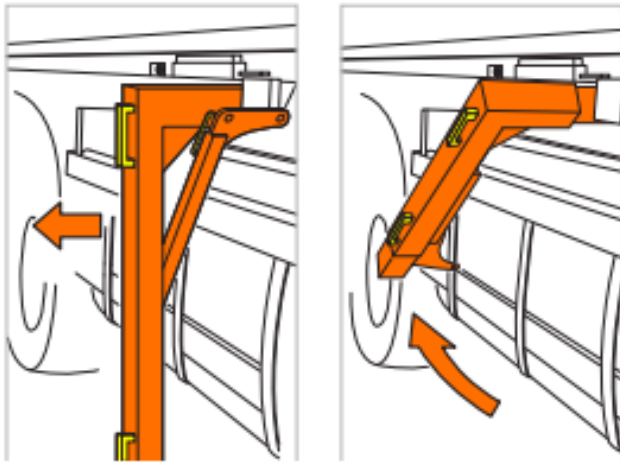


### 4. Store the front legs. Start with the driver-side front leg:

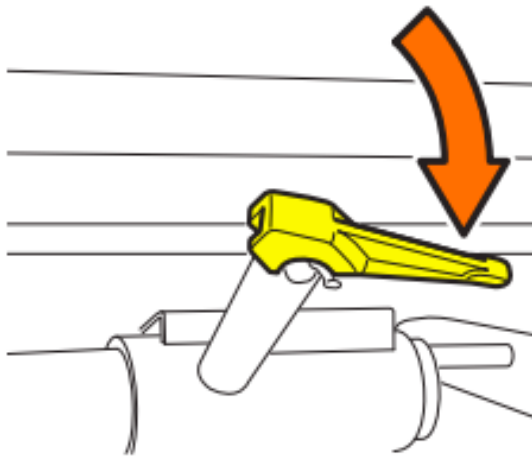
- Unlock the spring bolt by pulling the actuation handle.



**Warning: To Avoid Injury Always Use Handles When Working With Legs**



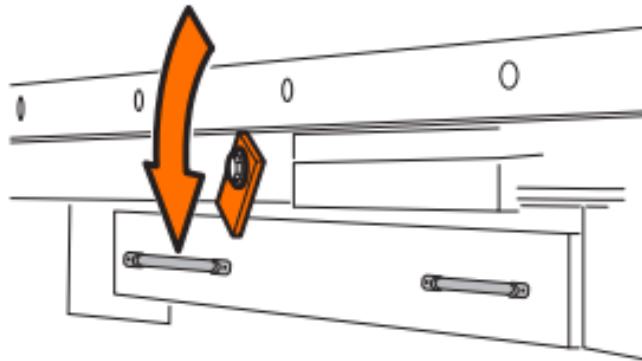
- 5.** • Release the leg brace from the container and store it in the holder.
- Lift and rotate leg until it is horizontal and then push it in to the storage carrier.



- 6.** Lock the spring bolt
- Push the leg in and out until the spring bolt pin is engaged and snapped into position.

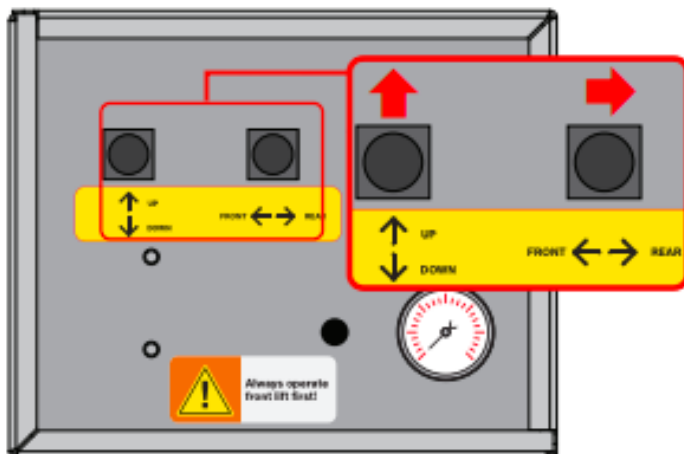
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7. • Secure the secondary safety device

**Repeat same steps on the passenger side front leg.**

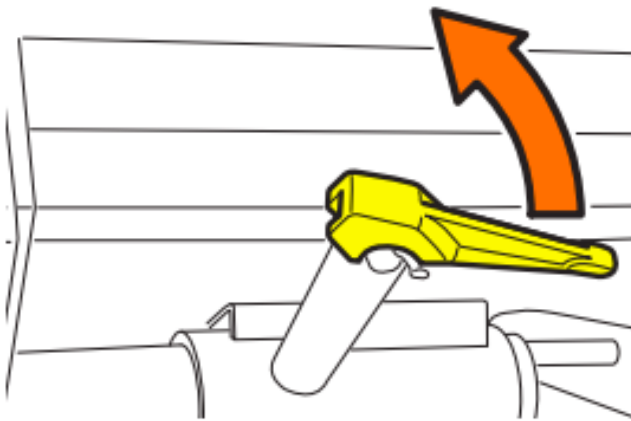


8. Return to the control box and move the selector lever to rear.

- Raise the rear lift assembly by holding the lift control lever in the up position.

**Note: Front lift assembly will automatically lower when rear lift is raised.**





**9. Store the rear legs.  
Start with the  
driver-side rear leg:**

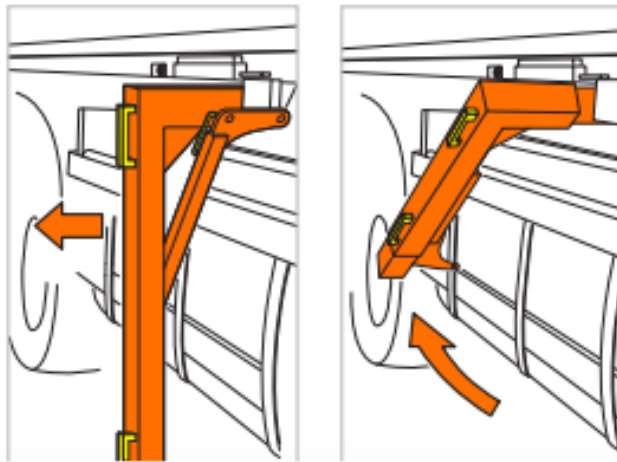
- Unlock the spring bolt by pulling the actuation handle.



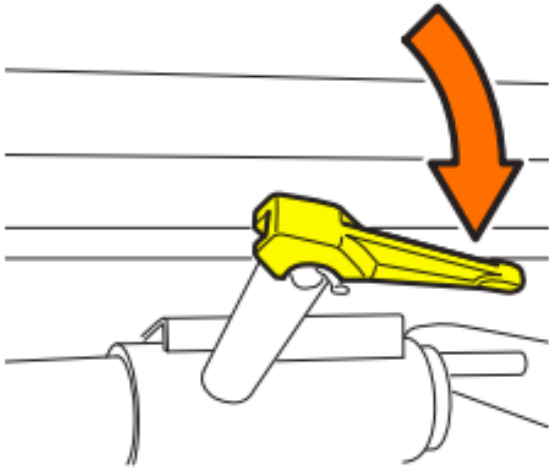
**Warning: To Avoid Injury Always Use Handles When Working With Legs**

**SECTION 4**

**Mounting Container**

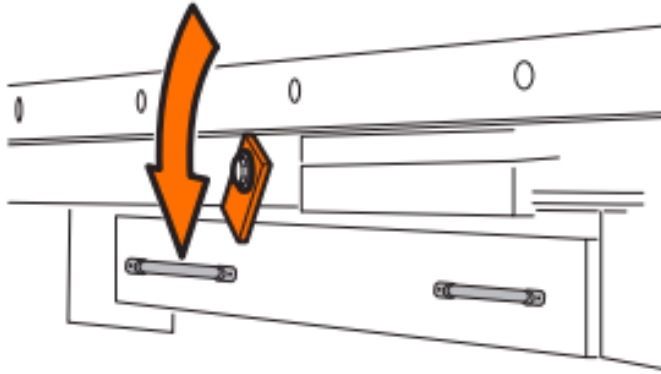


- 10.**
- Release the leg brace from the container and store it in the holder.
  - Lift and rotate leg until it is horizontal and then push it in to the storage carrier.



**11.** Lock the spring bolt

- Push the leg in and out until the spring bolt pin is engaged and snapped into position.

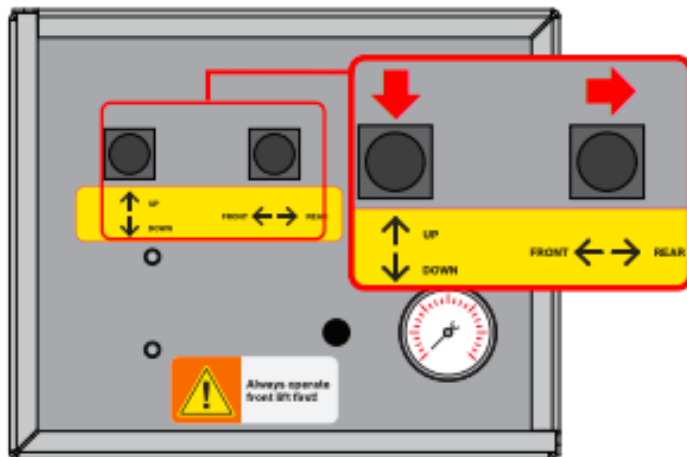


**12.** • Secure the secondary safety device

**Repeat same steps on the passenger side rear leg.**

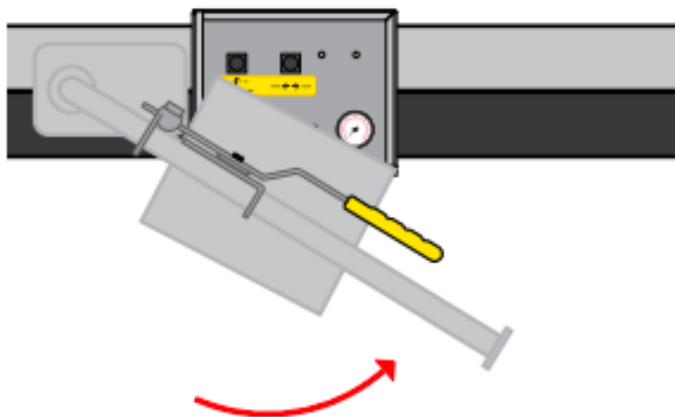
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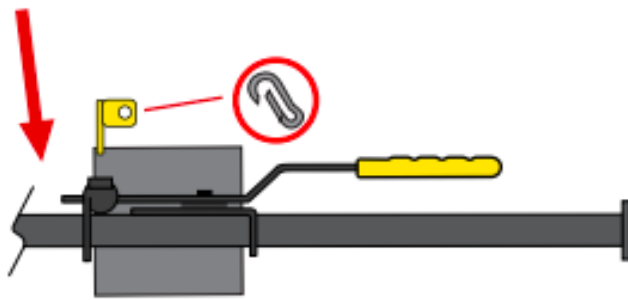
- 13.** Return to the control box.

Lower the rear of the lift assembly by moving the selector lever to rear and holding the lift control lever in the down position.



- 14.** Lock the container onto the truck by raising the lifter locking bar.

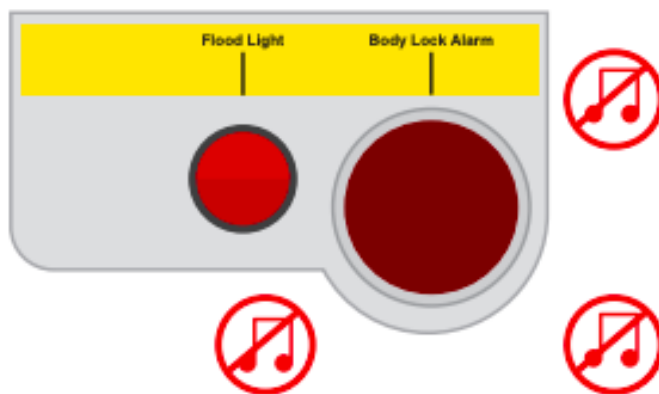
- The hooks will engage, locking the container to the chassis.



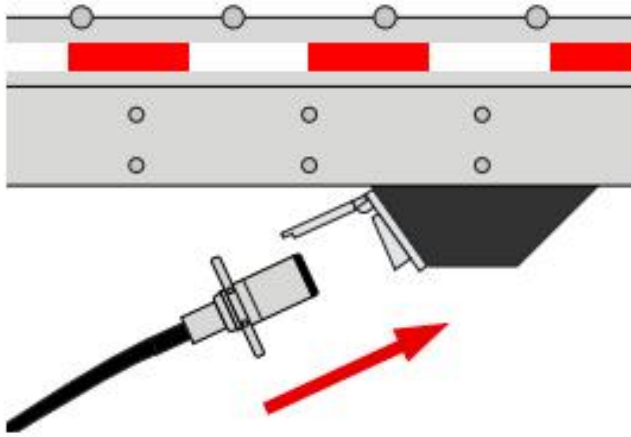
- 15.** The yellow spring-loaded safety handle will move into place.
- Insert the safety locking key.
  - Use secondary safety clip to ensure the key stays in place.

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- 16.** When the locking hooks are engaged the alarm on the dash will stop flashing and sounding.



**17.** Remove the light plug from the storage holder.

- Plug it into the receptacle on the container.



**18.** Confirm that the container is locked onto the truck.

- Visually check that the container locking hooks are securely attached to the locking bars on the underside of the container.



19. An improperly secured container that falls off a chassis can result in injury or death. It is the driver's responsibility to make sure that the container is properly locked onto the chassis before each trip.



20. Return to the cab.

**Be sure suspension is at normal ride height.**

The truck is now ready to be driven.

**Operator responsibilities:**

- Read and understand all safety labels on the equipment
- Be properly trained on this equipment by Demountable Concepts or an authorized training provider
- Perform pre-trip inspection before every trip and report defects or problems on your daily driver vehicle inspection report (DVIR)
- Be sure the container is properly locked onto the body
- To avoid injury always use handles when working with legs
- Be sure all people are clear of the container when mounting and demounting
- Safely operate equipment at all times
- Only operate vehicle with air suspension at normal ride height.

### **When demounting bodies:**

- All legs must be deployed and in the proper position with safety locks in place
- Bodies must be unlocked
- Air suspension must be lowered
- The in cab alarm and light must function correctly - alarm light and buzzer are ON
- The light plug must be disconnected and stored
- Perform pre-trip inspection before every trip and report defects or problems on daily driver vehicle inspection report (DVIR)

### **When transporting the container on the chassis:**

- The container must be locked in place
- Visually confirm by checking locking hooks and levers before each trip
- Safety lockout key is correctly in place
- Hooks must be undamaged and functioning correctly
- All legs must be locked and stored in place
- The light plug must be connected and container lights must be functional
- The in cab alarm and light must function correctly - alarm light and buzzer are OFF
- Perform pre-trip inspection before every trip and report defects or problems on daily driver vehicle inspection report (DVIR)