



DEMOUNTABLE CONCEPTS

• AMERICA'S SWAP BODY •



Line-Haul Trailer Quick Guide

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Line-haul tractor-trailer that mounts, demounts, and line-hauls two containers at a time to a remote location.



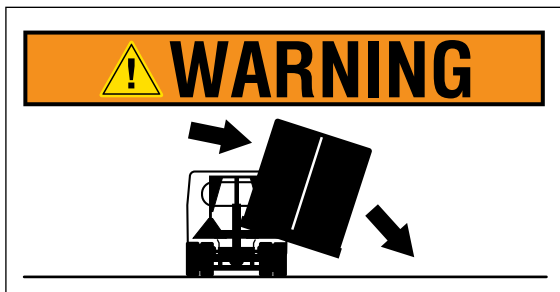
Demountable containers, standard truck bodies equipped with retractable legs.



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

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

It is the driver's responsibility to make sure that the containers are properly locked onto the trailer before each trip.



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

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

- Review the pre-trip inspection procedure at the back of 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 trailer is centered and straight when backing under or pulling out is the primary cause of damage.

When demounting containers:

- Be sure all legs are in proper position with leg pins locked.
- Light plugs must be disconnected.
- Containers must be unlocked.

When transporting the containers on trailer:

- The containers must be locked in place -- Visually confirm by checking locking hooks and levers before each trip.
- All legs must be stored inside the containers and locked in place.
- Light plugs must be connected.

**1.** Demount containers:

- Set the tractor brakes and shift into neutral.
- Release the trailer brakes.
- Increase the idle to keep air pressure adequate.

**2.** On the dash:

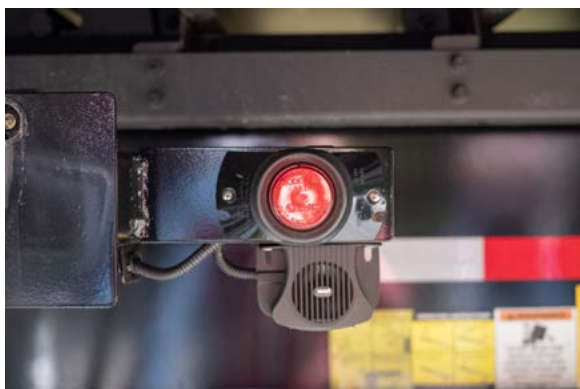
- Push the “suspension raise” button for one second to raise the tractor’s air suspension.

**3.** Leave the cab. Check tractor’s air suspension is raised.

- Go to light plug on the front container near the landing gear.
- Unplug it from the container and plug it into the storage holder on the trailer.



4. Proceed to the front locking bar:
- Remove the locking key.
 - Push the safety handle inward to release the locking assembly.
 - Lower the locking bar to disconnect the front container.



5. The alarm next to the locking bar will flash and make a beeping sound.

This will continue until the locking assembly is engaged.



6. Walk to the air suspension control box located to the right of the driver side center divider.
- Inside the box lower both center-stops by pulling the knob out.



7. Next, raise the trailer's air-suspension.

- Push in the handle.
- Then hold the handle to the right until the suspension is fully raised.



8. Unlock the rear container.

- Remove the locking key.
- Push the safety handle inward.
- Lower the locking bar to disconnect the rear container.
- The alarm will sound.



9. Go to the light plug located near the rear wheels.

- Unplug it from the container.
- Plug it into the storage holder on the trailer.



10. On the passenger-side of the front container begin setting the legs.

When working with legs:

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



11. Start with the front leg:

- Release the secondary leg locking mechanism.

Pivot it until it is no longer in front of the foot pad.

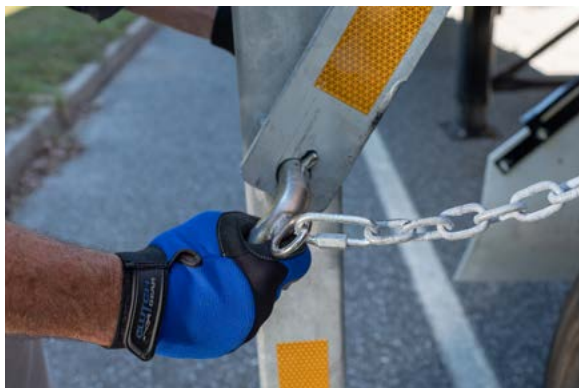


12. Rotate the handle portion of the leg pin upward and slide it out of the leg and retainer.

Note: The key on the pin's side must be properly aligned to pass through the key-way in the retainer.



13. Grab the leg by the bottom of the footpad and pull it out all the way.
- Gently lower the leg.
Do not drop it.
 - If necessary, the bottom section of the leg is adjustable.



14. Insert the leg pin through the brace and leg. Swivel the handle down to secure it.



15. Push the leg assembly into the housing until the top brace touches the container side rail.



16. Repeat this procedure for all legs on both containers.

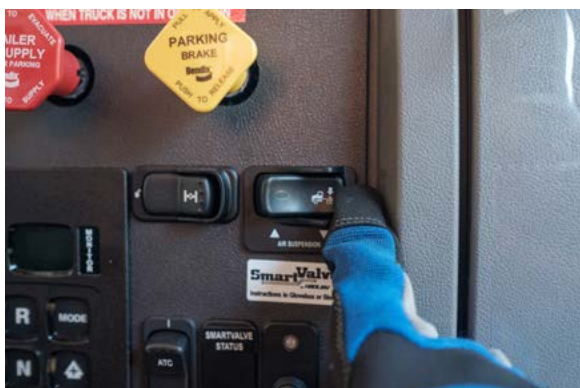
- Check to be sure all leg pins are fully inserted and securely in place.

Be sure you set and secure all 8 legs.



17. Go to the trailer suspension control box to lower the trailer's suspension.

- The handle must be pushed in.
- Hold the handle to the left until the suspension is fully lowered.



18. Return to the tractor's cab and lower the air suspension by pushing the air suspension toggle switch to lower.



19. Walk to the rear of the trailer and check that there is proper clearance between the container's long rails and trailer's main rails.



20. Pull straight out until the entire trailer clears the front container.
- The alarms will continue to flash and sound until the locking assembly is engaged.



1. Make sure the containers are lined up end-to-end, with the front and rear body bumpers touching.



2. The locking hooks must be in the unlocked and down position.

Note: The alarm on the trailer will sound until the locking assembly is engaged.

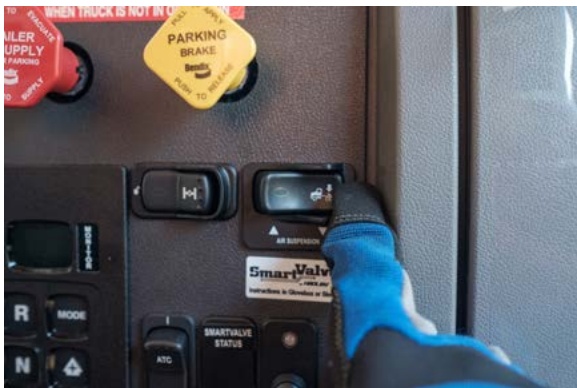


3. The center stops must be in the lowered position.



4. The tractor and trailer air suspension must be lowered.

Trailer suspension is lowered at the suspension control box by pushing the handle in and holding it to the left until it lowers.



5. Tractor suspension is lowered by pushing the air suspension toggle switch on the dash to lower.



6. Before backing up make sure the trailer is lined-up to go straight under the containers.

Missing any of these steps before mounting will result in damage to containers and trailer.



1. Turn on the floodlights before backing up.
 - The switch is located near the front of the trailer.

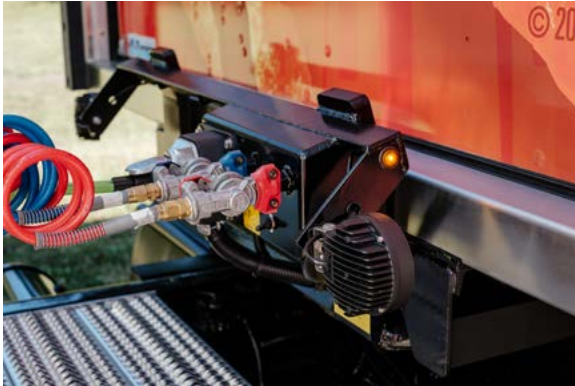


2. Back straight under the standing containers.
 - Keep the trailer aligned with the containers.
 - **Do not over-steer. Do not attempt to back in at an angle.**



3. When the rear wheels of the trailer are under the front container get out of the tractor and check alignment.

Reposition as needed.



4. Back under the containers until the front stop gently contacts the steel plates on the front of the container.



5. Apply the parking brake to the **tractor brakes only**.

- Leave the trailer brakes released.
- Walk to the rear of the trailer to check that it is aligned with the containers.



6. Walk to the air suspension control box located to the right of the trailer's center divider on the drivers-side.
- Open the box and raise both center-stops by pushing the knob in.



7. Next raise the trailer's air-suspension.
- Push the handle in, and then hold the handle to the right until the suspension is fully raised.
 - The legs must be off the ground.



8. Inside the tractor's cab:
- Apply the trailer brakes.
 - Release the tractor brakes.



9. Raise the tractor suspension fully by pushing the "suspension raise" button on the dash for one second.



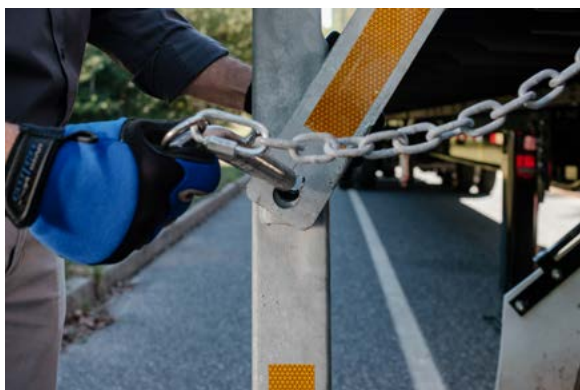
- 10.** Lock the front container onto the trailer.
- Lift the front locking bar up.
 - The spring-loaded safety handle will move into place.
 - Insert the safety key.
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- 11.** Go to the rear locking bar.
- Repeat steps in #10 to lock the rear container.
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- 12.** The exterior alarms and lights will turn off when both containers are properly locked onto the trailer.

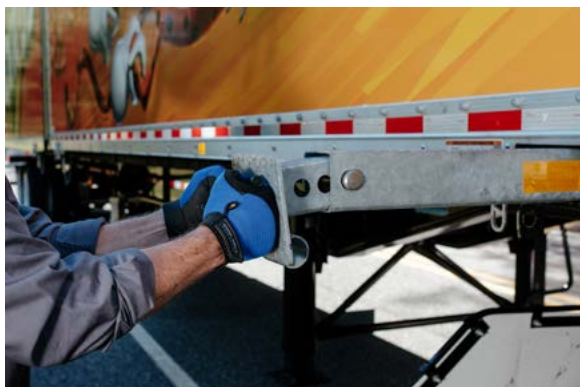


13. On the passenger-side front leg, rotate the handle portion of the leg pin upward and slide it out to release the leg brace.

Note: The key on the pin's side must be properly aligned to pass through the key-way in the leg and brace.



14. Lift the vertical portion of the leg to a horizontal position and slide the entire leg into the leg housing.



15. Be careful not to pinch your fingers between the leg's footpad and the housing.
- We recommend making a fist with both hands and pushing against the bottom of the footpad to slide in the leg.



16. Place the leg locking pin through the leg retainer and the leg.

- Engage the secondary locking mechanism by swiveling it in front of the foot pad.

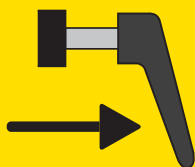


17. Work your way around the trailer to the driver side until all eight legs are stored and secured.



18. Remove the front and rear light plugs from their holders.

- Plug them into the receptacles on their containers.



Pull handle **OUT**
for travel.

(Normal ride height)



19. Go to the trailer suspension control box.

- Lower suspension manually until it begins to go down.
- Then set the trailer to ride-height by pulling the handle out.



20. Visually confirm that all containers are properly locked onto trailer.

- Turn off flood lights.



21. Set the tractor to ride-height.

- Hold the suspension button on the dash down for one second.

The line haul tractor-trailer is ready for operation.



Visually confirm both containers are properly locked onto the trailer.

The yellow hooks on the locking mechanism must be engaged over the locking bar on the containers.



Be sure both light plugs are inserted into their receptacles and both containers have working marker lights.

Note: The red lights on the front container will not be illuminated.



Driver- and passenger-side center-stops must be raised.



All legs must be properly stowed with leg pins secured.

The secondary locking mechanisms must be in place.



Both the tractor and trailer suspension must be in the ride-height position.



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**Training videos
available online at
demount.com/fl-training**



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