



DEMOUNTABLE CONCEPTS

• AMERICA'S SWAP BODY •



Yard Hostler Quick Guide

Demountable Concepts, Inc.

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demount.com

Statement of Compliance

Cargo Containment System:

The cargo containment system installed upon this truck chassis when properly maintained in good working and operating order, complies with the North American Cargo Securement Standard, which is codified in the following sections of the U.S. Department of Transportation, Federal Motor Carrier Safety Administration Part 393- Parts and Accessories Necessary for Safe Operation, Subpart I- Protection Against Shifting and Falling Cargo (May 2015), §§ 393.100, 393.102, 393.104, 393.106, 393.114. In addition, this system complies with Part 1 and 2 of the North American Cargo Securement Standard.

The cargo containment system also complies with Canadian National Safety Code for Motor Carriers NSC Standard 10 for Cargo Securement, Divisions 2, 3, 4, 5 (June 2013)

Lighting System:

The lighting system installed upon this truck chassis when properly maintained in good working and operating order, complies with Federal Motor Vehicle Safety Standard (FMVSS) 108, Lamps, Reflective Devices, and Associated Equipment, and the certification labeling requirements in the Code of Federal Regulations (CFR) Part 567, established by the National Highway Traffic Safety Administration (NHTSA)

This vehicle is certified as a Final Stage vehicle and complies with all FMVSS regulations in effect on the date of final manufacture.

Special Note to Enforcement Officer:

This vehicle is a swap body system. The container or box is the cargo or payload and is demountable from the truck for loading and unloading purposes. This vehicle complies with all cargo securement and vehicle lighting standards as noted above.

For additional information please visit: www.demount.com/compliance



Cargo Compliance Info.



Lighting Compliance Info.

**Yard Hostler
Cab-Chassis**

with a lifting system for mounting, demounting, locking, and transporting containers in yard with legs deployed.

**Demountable
Containers,**

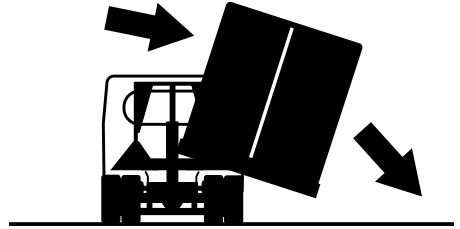
standard truck bodies equipped with legs so they can be swapped between trucks and be loaded without the truck present.

**Straight Trucks,**

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



WARNINGS



- An improperly secured container that falls off a truck could result in serious injury or death.
-



- All individuals who operate this vehicle must have sufficient training to operate this type of vehicle and should have a valid driver's license. This manual is not intended to be a training guide for your yard hostler operation. It is the operator's responsibility to obtain sufficient training in order to operate this vehicle safely. **DO NOT** attempt to operate this vehicle without adequate training. Operating this vehicle without adequate training could result in serious injury or death.
-



- **DO NOT** Exceed 15 mph. Operating at speeds in excess of 15 mph may lead to loss of vehicle control. **NEVER** take turns at excessive speeds, as this may cause the vehicle to roll over. **ALWAYS** slow down when cornering.
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- When the vehicle is operated on public streets or highways, the lift system **MUST** be in the **LOWERED** and **LOCKED** positions. All legs must be stored properly and locked into place.
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- **DO NOT** tamper with the lock warning system.



- Do not drive the yard hostler truck with the container unlocked.



- Do not pull out from standing container before checking that all the legs are set.



- Drivers are responsible for making sure the container is properly secured to the truck before moving.



- All people must be clear of vehicle when mounting and demounting.



- To avoid injury ALWAYS USE HANDLES to operate legs.



- Read and understand all safety labels on the equipment.



- NEVER attempt to raise or lower the lift system while the vehicle is in motion.



When demounting bodies:

- Be sure all legs are in proper position with yellow spring lock engaged.



When transporting the container on chassis:

- The container must be locked in place - Visually confirm by checking locking hooks before each use.
- All legs must be locked in the stored or deployed position.

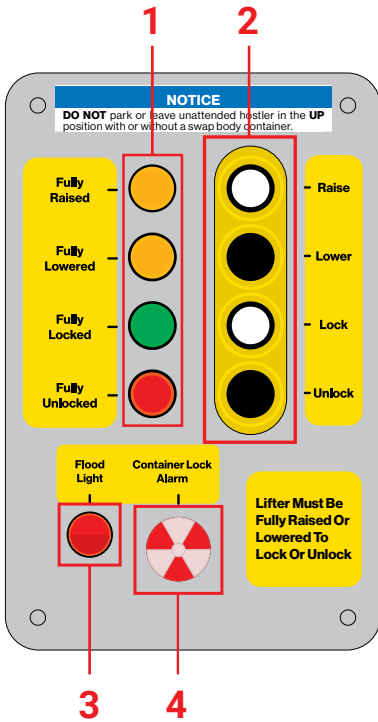


- **DO NOT** park or leave unattended hostler in the UP position with or without a swap body container.

The only time the lift mechanism should be in the up position is when actively hosteling containers and the engine is running.

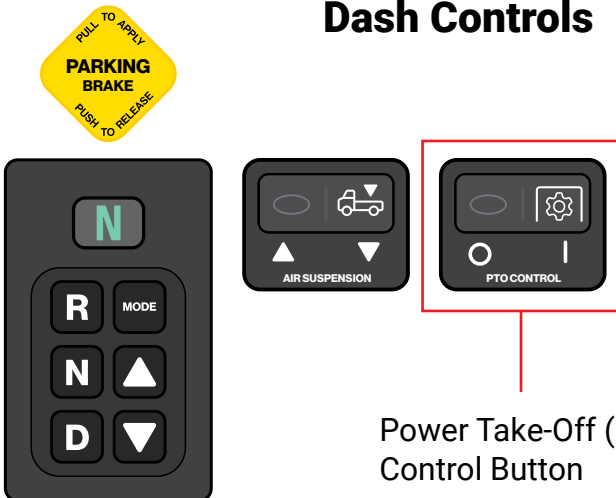
Failure to follow these instructions may disable the system.

In-Cab Control Box



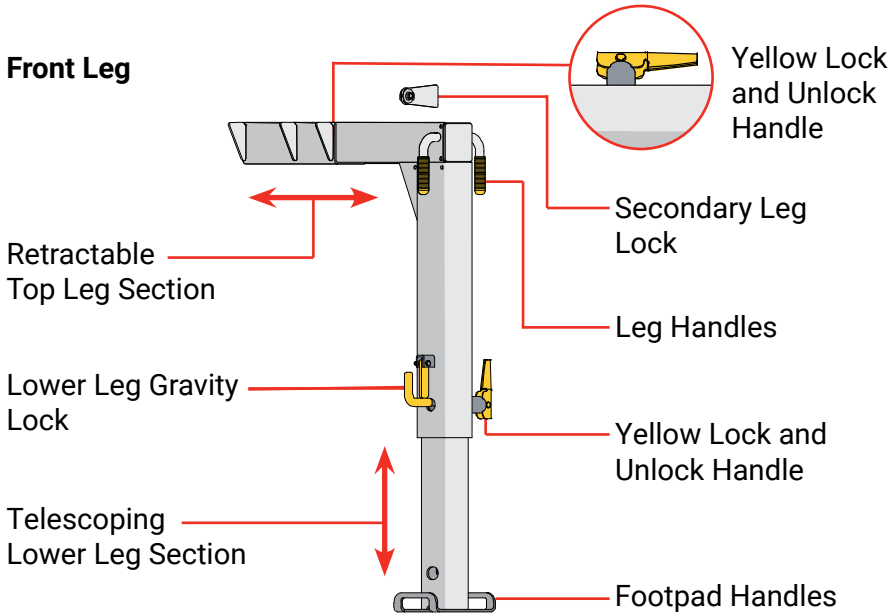
- 1. Status Indicator Lights
- 2. Operational Buttons
- 3. Flood Lights
- 4. Alarm Buzzer & Light

Dash Controls

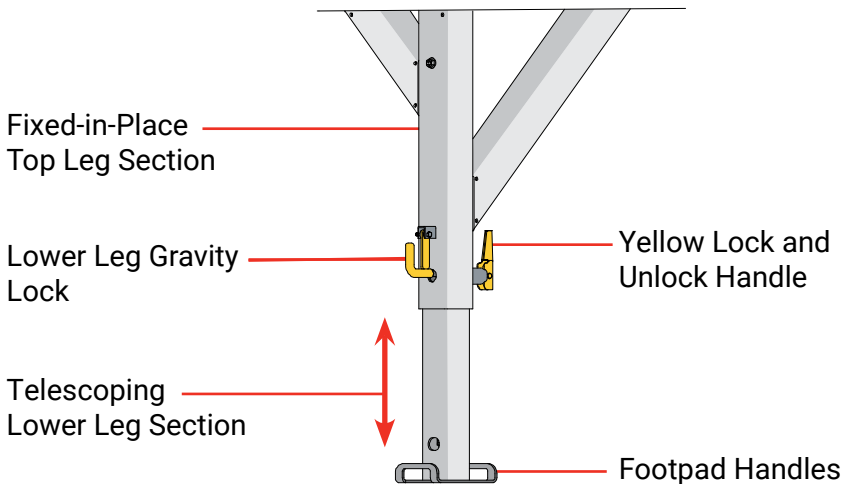


Power Take-Off (PTO) Control Button

Container Legs



Rear Leg



**WARNING:**

Yard Hostler speed not to exceed 15 mph while in the fully raised position.



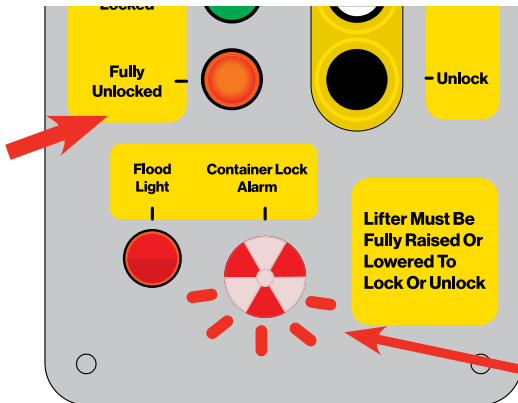
NOTE: The in-cab yard hostler controls work using a specific logic:

You can **ONLY** raise and lower the lift system when the system is in the fully unlocked position.

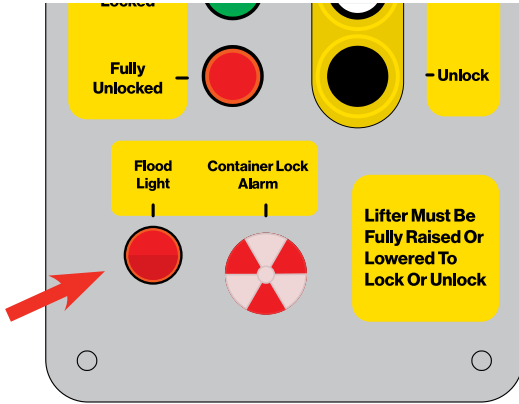
You can **ONLY** lock and unlock the lift system locking hooks when the system is either fully raised OR fully lowered.



1. When mounting a container make sure lift system is completely lowered and the locking hooks are in the unlocked and down position.

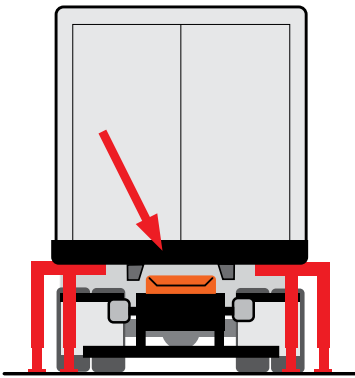


2. The in-cab container lock alarm will sound until a container is locked to the chassis.



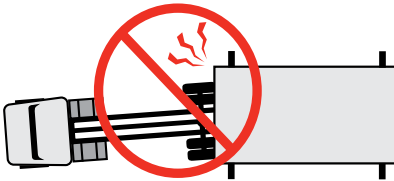
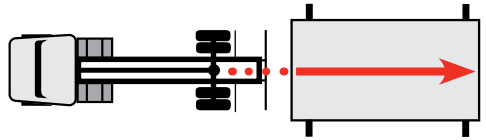
3. Turn on the flood lights when needed while operating the vehicle.

The switch is located at the bottom of control panel.



4. Backing Under a Freestanding Container

Line up the yard hostler so it's straight in line with the guide rails at front of the container.

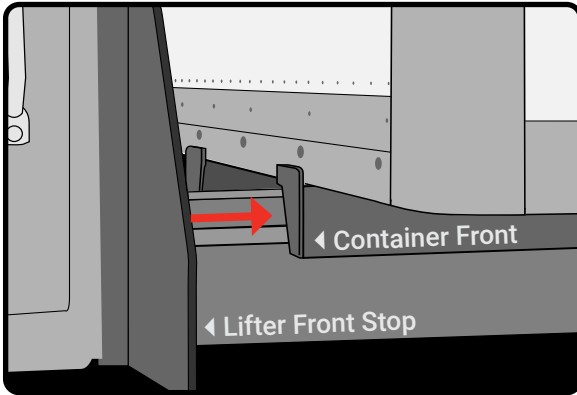


5. Start backing up SLOWLY.

Do not over- steer.



WARNING: Failure to look when backing under is the number one cause of damage.



6. The best time to check alignment is after rear tires pass the front legs.

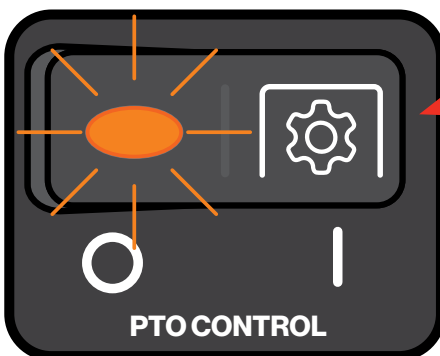
Once you are sure of your alignment, back up until the front stops on the lifter gently contact the front of the container.



7. Inside the cab, put the truck in neutral or park, engage the parking brake, and keep the engine running.



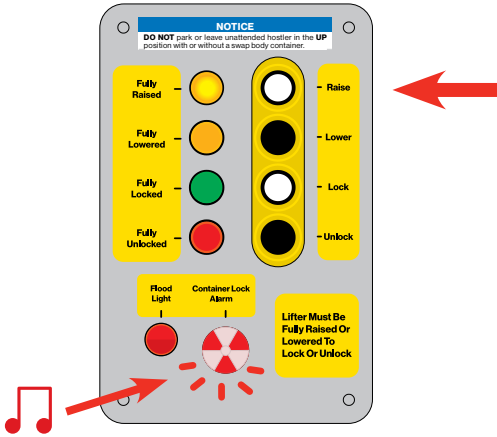
NOTE: The hydraulic system won't function unless parking brake is engaged.



8. Engage "Power Take Off" mode (PTO) by pressing toggle switch to ON.



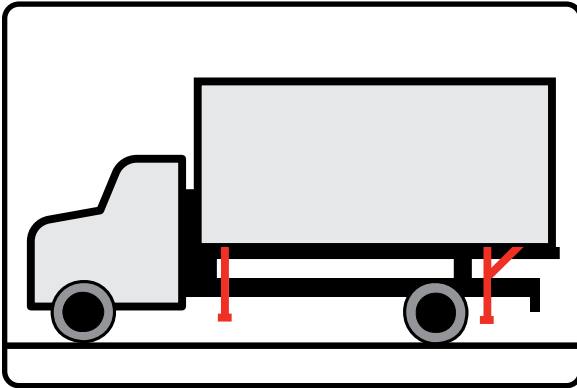
NOTE: The engine must be running to activate PTO.



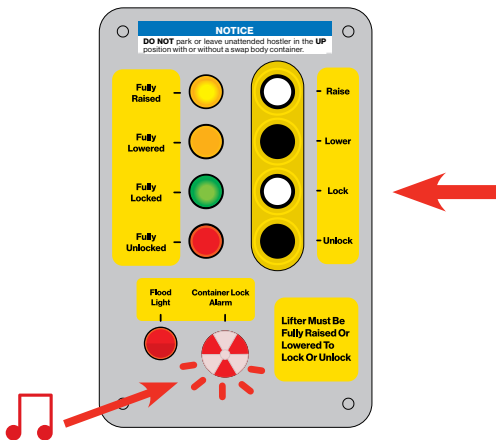
9. Press and hold the “RAISE” button to raise the lift system fully.

The amber “fully raised” indicator light will illuminate when the lifter is fully raised.

Container lock alarm light will be on and alarm will be sounding.



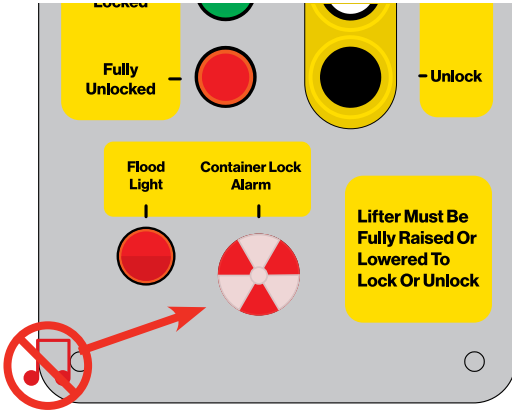
10. Confirm the container legs are clear of the ground using the yard hostler’s mirrors.



11. Press and hold the “LOCK” button until the hooks are fully locked.

The green “fully locked” indicator light will illuminate when the hooks are fully locked.

The container is now locked onto the yard hostler.

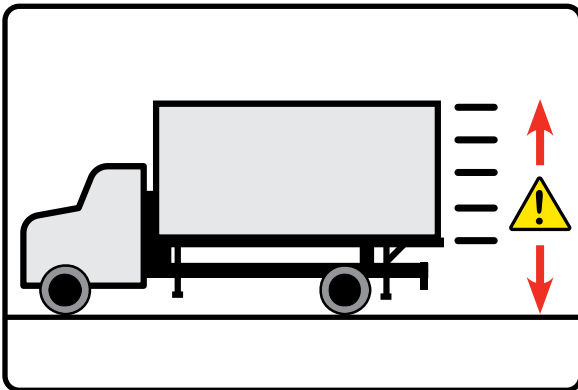


12. The container lock alarm light will turn off and the alarm will stop sounding.



13. **PUSH** knob to release parking brake.

Releasing the parking brake will automatically disengage the truck from PTO mode.



14. Slowly drive truck and locked container to the designated drop area.



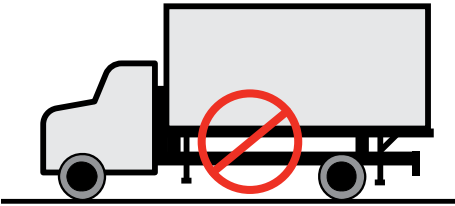
WARNING: when vehicle is in the hostling mode, it's **overall height will exceed 13'-6"**. Be aware of your overhead yard clearances.

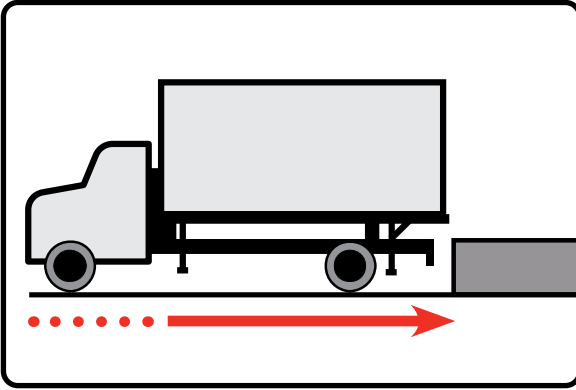


DO NOT park or leave unattended hostler in the UP position with or without a swap body container.

The only time the lift mechanism should be in the up position is when actively hosteling containers and the engine is running.

Failure to follow these instructions may disable the system.





1. Back into the drop area or loading dock.



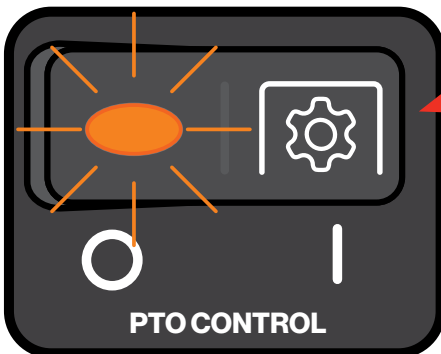
NOTE: The area should be level, flat and solid enough to support the weight of the demounted container.



2. Inside the cab, put the truck in neutral or park, engage the parking brake, and keep the engine running.



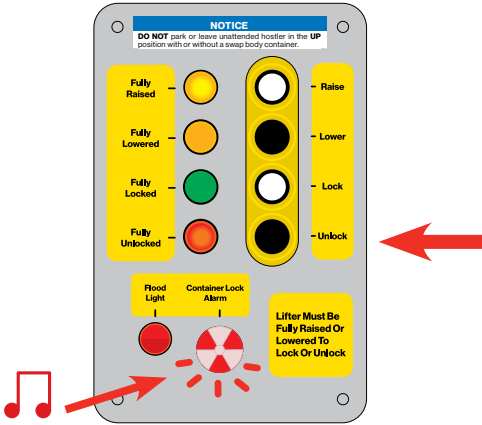
NOTE: The hydraulic system won't function unless parking brake is engaged.



3. Engage "Power Take Off" mode by pressing toggle switch to ON.



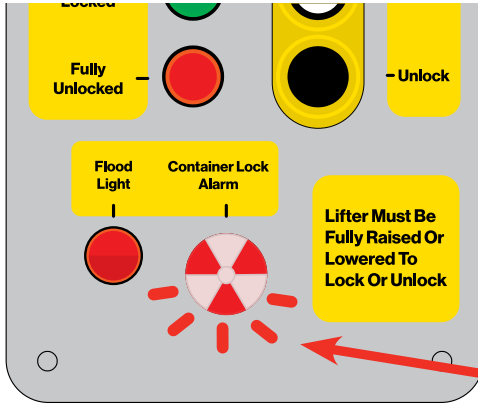
NOTE: The engine must be running to activate PTO.



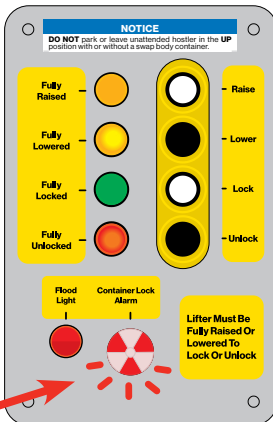
4. Press and hold the “UNLOCK” button until the hooks are fully unlocked.

The red “fully unlocked” indicator light will illuminate when the hooks are fully unlocked.

The container is now unlocked.



5. The in-cab container alarm will sound and the light will illuminate until a container is locked to the chassis.



6. Press and hold the “LOWER” button to fully lower the lifting system.

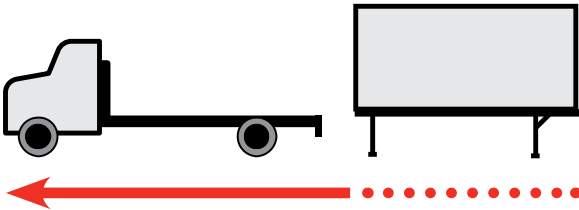
The amber “fully lowered” indicator light will illuminate when the lifter is fully lowered.



7. **PUSH** the knob in to release parking brake

Truck will automatically disengage from PTO mode.

8. Slowly drive out from under the standing container.



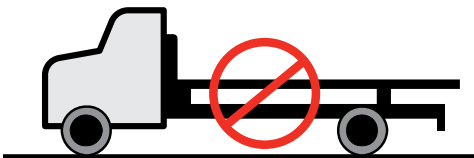
NOTE: When pulling out, Do NOT turn the wheel until you are free and clear of the container.



DO NOT park or leave unattended hostler in the UP position with or without a swap body container.

The only time the lift mechanism should be in the up position is when actively hostling containers and the engine is running.

Failure to follow these instructions may disable the system.

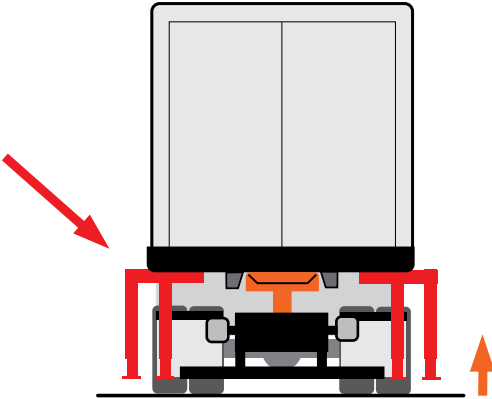


**NOTICE:**

Always wear gloves for hand protection when working with legs.

**WARNING:**

NEVER put fingers into holes in legs.

**1. Start with the front driver's side container leg**

The lift system and container must be in the raised position.

**2. Unlock the lower leg section using the yellow handle to disengage the spring lock pin.**



3. Release lower leg gravity lock and raise the lower leg section using the foot pad handle.



4. Lock the lower leg section in place using the yellow handle.



NOTE: The lower leg section must be locked in place. To confirm, be sure the yellow handle is secure and not loose.



5. Unlock top leg section under container using the yellow handle to disengage the spring lock pin.



6. Push the leg in completely.



7. Lock the top leg section into place using the yellow handle. **This will lock the entire leg into place.**



NOTE: The top leg section must be locked in place. To confirm, be sure the yellow handle is secure and not loose.



8. Flip down the secondary safety latch.

Next, repeat the previous steps on the passenger side front leg.



9. Move to the rear leg

Unlock the lower leg section using the yellow handle to disengage the spring lock pin.



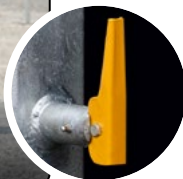
10. Release lower leg gravity lock and raise the lower leg section using the foot pad handle.



11. Lock the lower leg section in place using the yellow handle.



NOTE: The lower leg section must be locked in place. To confirm, be sure the yellow handle is secure and not loose.





12. Repeat the previous steps on the other rear leg.



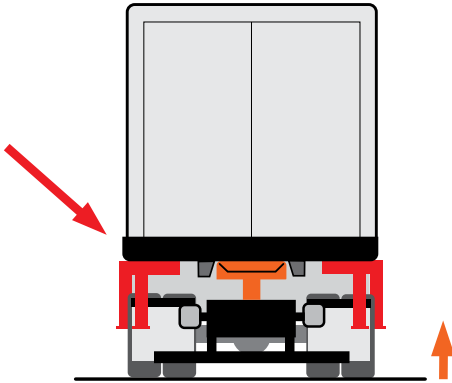
WARNING: Confirm all legs are stored and correctly locked in place.



DO NOT park or leave unattended hostler in the UP position with or without a swap body container.

The only time the lift mechanism should be in the up position is when actively hosting containers and the engine is running.

Failure to follow these instructions may disable the system.



1. Start with the front driver's side container leg

The lift system and container must be in the raised position.



2. Unlock secondary safety latch.



3. Unlock the top leg section using the yellow handle to disengage the spring lock pin.



4. Pull leg out completely.



5. Lock the top leg section into place using the yellow handle.



NOTE: The top leg section must be locked in place. To confirm, be sure the yellow handle is secure and not loose.



6. Unlock the lower leg section using the yellow handle to disengage the spring lock pin.



7. Release lower leg gravity lock and lower the lower leg section using the footpad handle.

It is permissible to push lower leg down using foot.



8. Lock the lower leg section in place using the yellow handle. **The leg is now deployed.**



NOTE: The lower leg section must be locked in place. To confirm, be sure the yellow handle is secure and not loose.



9. Repeat the previous steps on the passenger side front container leg.

**10. Move to the rear leg**

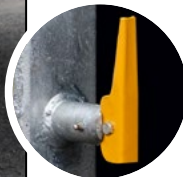
Unlock the lower leg section using the yellow handle to disengage the spring lock pin.

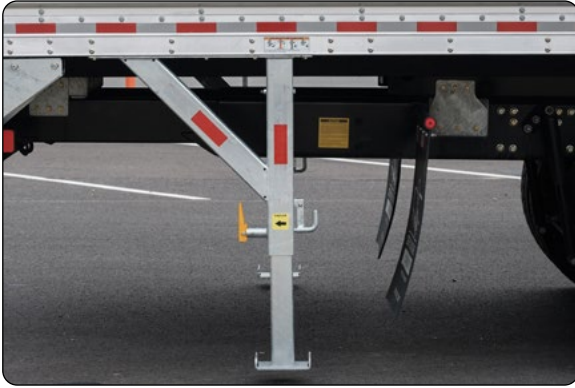
**11. Release the lower leg gravity lock and lower the bottom leg section using the foot pad handle.**

It is permissible to push lower leg down using foot.

**12. Lock the lower leg section in place using the yellow handle. The rear leg is now deployed.**

NOTE: The lower leg section must be locked in place. To confirm, be sure the yellow handle is secure and not loose.





13. Repeat the previous steps on the other rear leg.



WARNING: Confirm all legs are stored and correctly locked in place.



DO NOT park or leave unattended hostler in the UP position with or without a swap body container.

The only time the lift mechanism should be in the up position is when actively hosting containers and the engine is running.

Failure to follow these instructions may disable the system.



WARNING: Repair activities may only be carried out by qualified personnel using suitable tools. Do not work in any way which impairs safety.

WARNING: Maintenance work may only be carried out by authorized, trained personnel. These persons must also have read and understood this documentation.

WARNING: Continually check the lifter for damage, as otherwise there is a risk of accidents.



NOTICE: These specifications apply to normal transport conditions. Where operating conditions are less favorable, the maintenance and inspection intervals must be adapted accordingly.

Chassis-Lift Servicing	Servicing Interval	Activity
Visual inspection of lifting device	Daily/before starting (before each use)	Check the lifting device for cracks, deformation and loose bolted connections. Damaged lifting devices must immediately be taken out of operation and repaired or replaced.
Visual inspection of locking hooks	Daily/before starting (before each use)	Check the hooks and linkage for looseness, damage, bending or other irregularities. Damaged hooks must immediately be taken out of operation and repaired or replaced.
Lubrication	90 Days	Each month, lubricate the frame using the grease nipples. Normal, commercially available and water-repellent grease can be used for lubrication.

Chassis-Lift Servicing	Servicing Interval	Activity
Wear inspections	During vehicle inspection	At regular intervals, check the wearing parts. To do this, raise the lifting device to its maximum height without any load. If there are any visible signs of damage these parts must immediately be replaced.

Daily Maintenance Check List

- Check warning system

90-Day Maintenance Check List

- Grease all locking shafts
- Check measurements of front hooks
- Check measurements of rear hooks
- Adjust front and rear hooks if required
- Check body stops



WARNING:

Damaged components, i.e. components that are permanently deformed, broken or cracked must always be replaced.

Servicing Support Legs

To ensure that the support leg can be moved easily in the support bearing, the support tube can be greased if required.

The support tube on the support bearing should be lubricated at least every three months.

Support legs as well as their attachment and mounting on the swap body should be regularly checked for correct function, damage and wear. The intervals must be defined according to the frequency of changes, e.g. at least every 14 days if there are several changes every day, or at least every 3 months if the change intervals are longer.

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