



# TransLift TL 2550 Operator's Manual



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# TransLift: Moving Homes Safely and Efficiently

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If you are a manufactured home dealer, contractor, or transporter, you know that the delivery and set up of every home presents its own unique set of problems. Trying to cope with difficult sites, bad weather, and rough terrain makes it impossible to stay on schedule, which costs you time and money.

For many years, leading dealers and contractors have relied on the safety, versatility, and ease of the TransLift. The TransLift is a unique machine designed and fabricated for the manufactured housing industry. It is a machine used for placing and positioning a unit on site, and also used for the actual set up of the unit.

**NOTE: Manufactured homes, modular homes, and commercial units are all hereafter referred to as "unit(s)".**

## The Translift...

- Moves units forwards, backwards, side to side, or raise and lower
- Is easily maneuvered in tight spaces
- Is powerful enough to move a unit by itself
- Puts less stress on the unit by lifting and moving evenly
- Reduces cracking of sheetrock and lessens work on the interior of the unit
- Eliminates the dangers of jacks and rollers
- Allows for easier blocking preparation with less tree removal and excavation
- Spots the home, eliminating second trips back with truck and crew
- Can be delivered directly from factory to unit site
- Metal tracks allow for delivery in less than desirable weather conditions
- Is easily transported behind a pick-up, eliminating expensive trucks and trailers

The Tink TransLift is technology's answer for the 21st century!



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# Introduction



We know you are excited to get down to the essential how-to's of the operation process. But, you gotta learn to crawl before you can walk, right? The introduction will do what its name implies: introduce you to some of the key elements of your new TransLift.

## In This Section...

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# Why Read the Operators Manual?

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Congratulations! You are now the proud owner of a new Tink TransLift.

In this manual you will find helpful information, clearly labeled pictures, and safety precautions regarding your TransLift. The time you spend reading and studying our manual will benefit your business in the long term. Our clear and easy to read directions will enable you to become an expert operator of your new TransLift.

This manual **MUST BE READ AND STUDIED BY ANYONE INVOLVED IN OPERATING THE TRANSLIFT**. Failure to do so may result in injury or equipment damage. While it may not be the most exciting piece of material you've ever read, our manual will better prepare you for moving homes safely and efficiently.

## What this manual does **NOT** do:

The sole purpose of this manual is to describe how to operate the TransLift itself-**NOT HOW TO INSTALL OR ASSEMBLE A MANUFACTURED HOME, MODULAR HOME, OR COMMERCIAL UNIT**. The contents of the manual are not intended to provide instruction regarding procedures in moving, setting, leveling, blocking, sealing of final installation of a unit.

## What it **WILL** do:

This manual is intended to ensure that you, the valued customer, are able to effectively operate your TransLift with minimal frustrations. Our hope is that this manual will allow you to use the TransLift to enhance the success of your business and to do so safely and effectively. A little time and effort spent reading this manual will go a long way when it is time to put your new product to use.

This manual should be easily accessible to the operator of the TransLift before and during use. We recommend that you keep the manual attached to or nearby the TransLift for quick, easy reference.

## Disclaimer

This manual will teach the user the proper safety precautions involved in TransLift operation, and will guide the user through the process with clear and detailed instruction. That being said, Tink, Inc. will in no way assume or accept liability for or from anyone for personal injury, property damage, General Liability and Products Liability involving the use of the TransLift or any operation connected therewith and said involvement will be the sole responsibility of the Purchaser or Lessee.

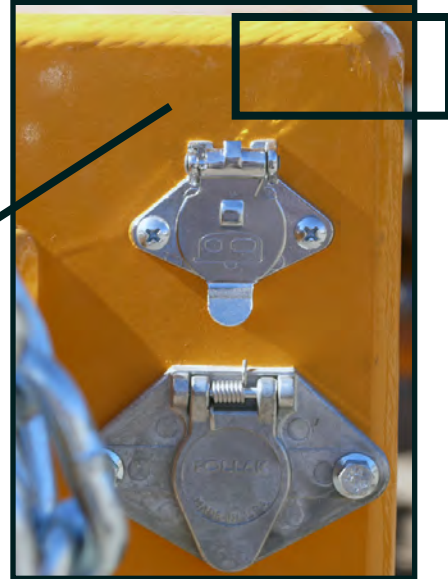
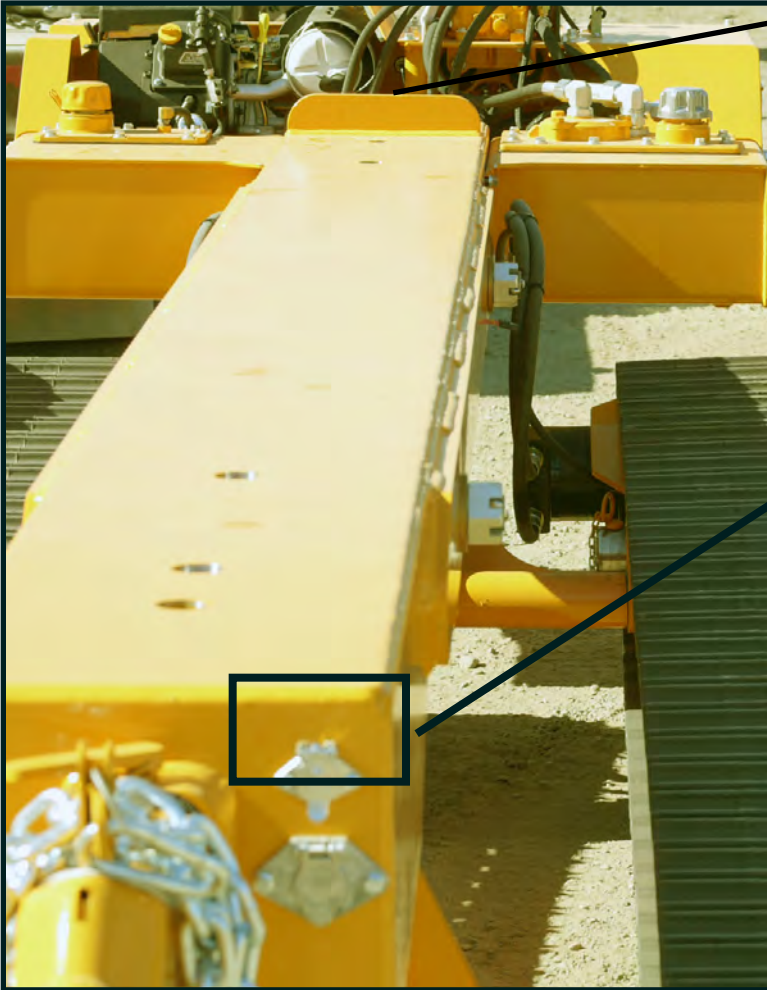


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# Ordering Information

The product identification serial number is a stamped number located in 2 places on your TransLift. Record this number in your manual for easy access when ordering parts or for technical assistance.

Behind Frame Stop



Serial Number: \_\_\_\_\_

## Ordering Information:

Tink, Inc  
Parts and Services  
2361 Durham Dayton Highway  
Durham, CA 95938  
888-FOR-TINK  
Hours: 7-5 Monday-Friday PST



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# Intended Use

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The TransLift is a job specific machine. Familiarize yourself with its capabilities to ensure the safety of your unit.

## **The TransLift is designed to:**

- Maneuver and place a unit in a given area
- Tow a unit for a short distance
- Tow a unit on level ground

## **The TransLift is NOT built to:**

- Tow units on an incline. The TransLift weighs less than 6,000 pounds in comparison to modules that are potentially 60,000 pounds. The TransLift will not be able to sustain towing that kind of weight on an incline.
- Exceed the lifting capacity of 20 tons.



# Tink TransLift Warranty Agreement

The Tink TransLift is warranted by the manufacturer to the original purchaser named herein for a period of twelve months from date of purchase for defects in material and workmanship only, in accordance with the terms and conditions as set forth below.

1. Warranty to provide for replacement of parts and labor which are deemed defective providing the equipment is (a) used under normal operating conditions, (b) used strictly in accordance with operators manual of instructions, (c) used for none other than lifting and placement of conventional units, (d) used strictly by **qualified trained personnel** authorized by the purchaser to operate said equipment.

2. This warranty does not cover damage to, or replacement of tires, hydraulic lines, fittings, hoses, hydraulic motors and pumps, or a bent beam due to overloading or abuse.

3. The Subaru engine is warranted by Subaru for a period of five years. Please see the included Subaru information for details.

4. Warranty does not cover, and manufacturer will not be liable for carelessness, abuse, collision, upset, fire, or any illegal act by purchaser or operator.

5. This warranty does not cover and manufacturer will not be liable for any accident involving damage to a unit or other structure, damage to real or personal property, liability resulting from accidents or injury to the TransLift operator, workmen, helpers, or spectators.

THIS WARRANTY IS NOT TRANSFERABLE AND MUST BE PRESENTED WHEN MAKING A WARRANTY REQUEST. THERE ARE NO OTHER UNDERSTANDINGS OR AGREEMENTS VERBAL OR OTHERWISE, EXCEPT AS CONTAINED HEREIN.

Tink will be held harmless from all liability other than replacement of defective parts and labor on the terms and conditions as set forth in the above Warranty Agreement.

# Getting to Know Your TransLift

## 2

We wouldn't expect a doctor to perform surgery without knowing the parts of the body, just like we wouldn't expect you to become an expert operator without knowing the parts of the TransLift. This chapter will teach you about the components of the TransLift, their purposes, and their locations.

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NOTE: Newer TransLift models have decals labeling specific parts of the machine, but we still recommend study of this section of the manual as not all parts are labeled on the TransLift.



# Main Structure



B. Beam Saddle



C. Frame Stop

A. Lifting Beam



D. Front Pantograph

E. Rear Pantograph



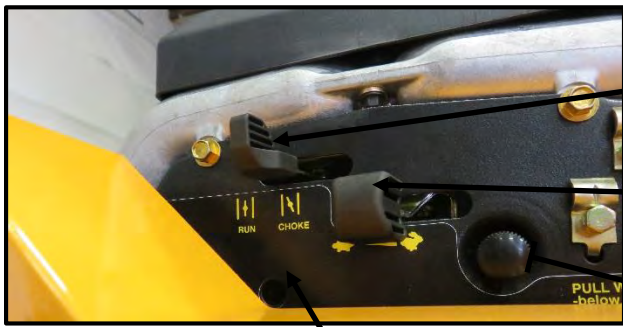
## Main Structure:

- A. Lifting Beam: maximum capacity 20 tons
- B. Beam Saddle: Used when hooking up to I-beam on the front of a larger unit to help distribute weight
- C. Frame Stop: can be placed in multiple locations on lifting beam. Prevents sliding.
- D. Front Pantograph: lifts and lowers arm assembly attached to beam, hydraulic cylinder and track frame assembly



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# The Engine



E. Choke

F. Throttle

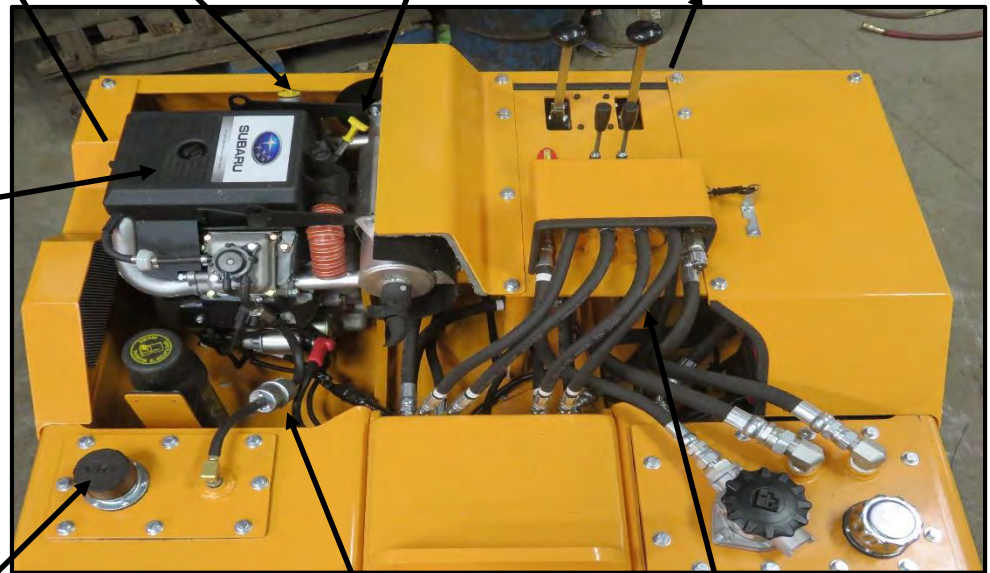


M. Ignition Switch

I. Oil Fill

G. Oil Dipstick

H. Air Filter (on top)



K. Fuel Tank

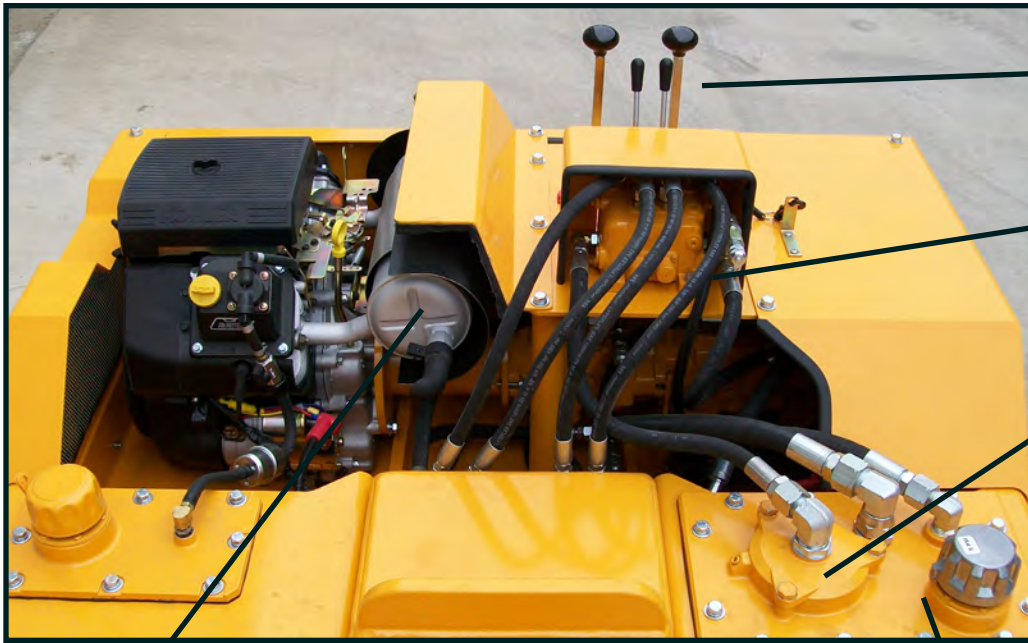
J. Fuel Filter

L. Battery

- E. Choke: used for cold starts  
F. Throttle: used for changing RPM's  
G. Oil Dipstick: check oil before every use  
H. Air Filter  
I. Oil All  
J. Fuel Filter  
K. Fuel Tank  
L. Battery: sealed, keep terminals clean. Never use for jump starting other equipment. Never spill gasoline on battery.  
M. Ignition Switch: remove key when not in use

NOTE: Oil drain plug is located at the bottom of the engine base.

# The Hydraulic System



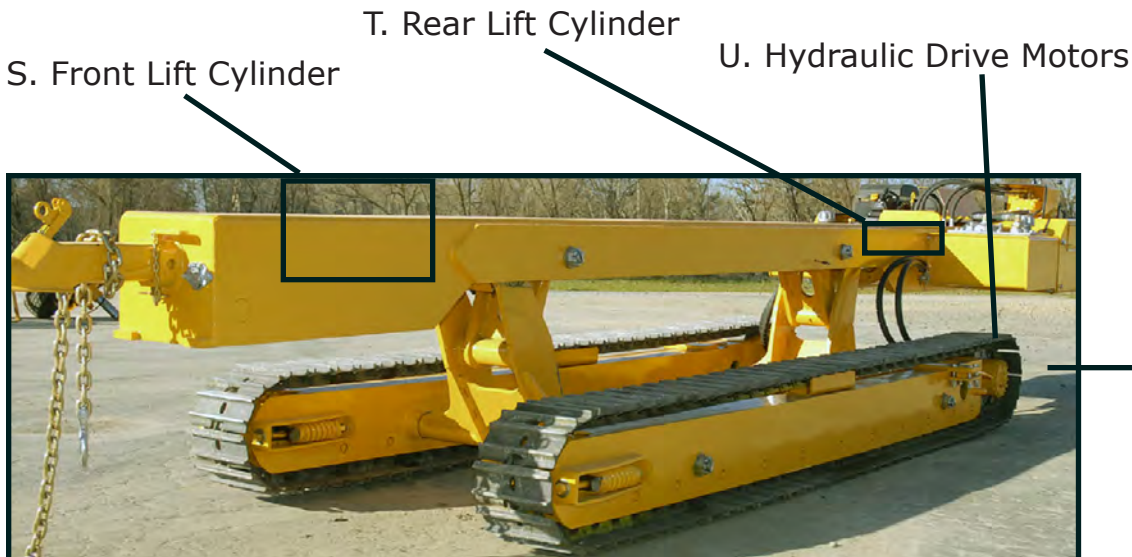
O. Controls

P. Hoses

Q. Hydraulic Filter (Inside)

R. Hydraulic Tank

N. Hydrostatic Pump



S. Front Lift Cylinder

T. Rear Lift Cylinder

U. Hydraulic Drive Motors



N. Hydrostatic Pump: direct drive from engine to four position valve  
 O. Controls  
 P. Hoses  
 Q. Hydraulic Filter: change annually  
 R. Hydraulic Tank: welded to beam. Keep filler cap clean and tight.  
 S. Front Lift Cylinder  
 T. Rear Lift Cylinder  
 U. Right and Left Hydraulic Drive Motors



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# Hydraulic Cylinders, Underside View



V. Front Lift Cylinder

W. Front Check Valve

X. Rear Lift Cylinder

Y. Rear Check Valve

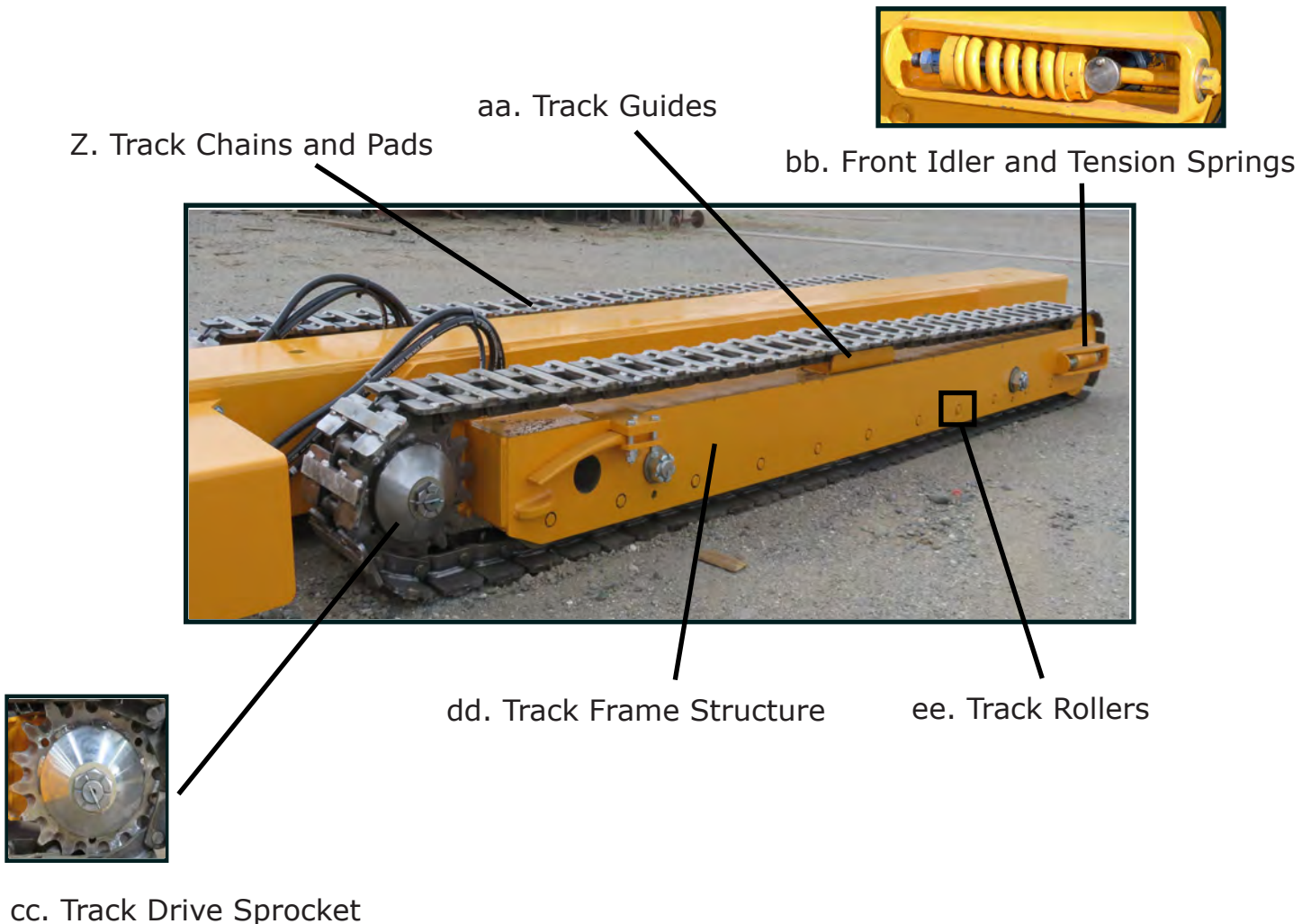


Closeup of Cylinder and Check Valve

# Track Frame Assembly

Use great care in the operation of the TransLift tracks. The TransLift's design and purpose is to lift and move units--**NOT** bulldoze, plow, trample brush or pull stumps, rocks, trees, or roadsigs/posts.

Take extra care when moving in mud, sand, rock, and general debris. The manufacturer has used shields and guards as much as possible to keep debris away from the track chains and sprockets, but if operator care is not practiced, debris can clog the track chain, causing damage.



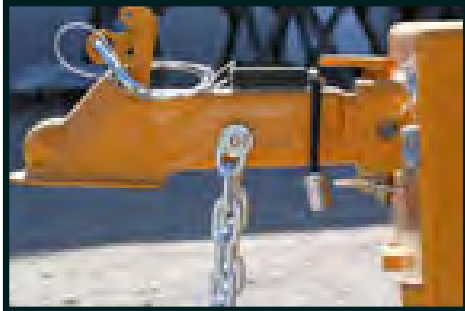
Z. Track Chains and Pads: secured with pins and bolts  
aa. Track Guides  
bb. Front Idler and Tension Springs  
cc. Track Drive Sprocket  
dd. Track Frame Structure: one piece welded  
ee. Track Rollers: 11 on each side



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# Transportation and Safety Features

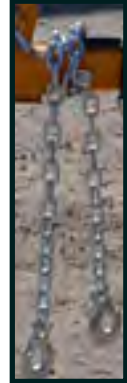
Knowledge of specific transportation accessories is essential in order to safely move your TransLift. Here is a breakdown of all items involved in the transportation of the machine:



Transportation Hitch: includes safety chains, breakaway switch with pin, locking latch, and safety pin.



Safety Pin: Holds ball hitch and transportation hitch in place.



Safety Chains: hook to truck.



Breakaway switch with pin: hooks to truck and plugs into TransLift. If the TransLift detaches from the truck, the brakes will lock.



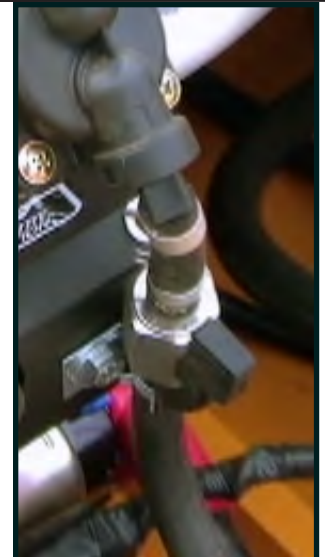
The pig tails must be attached before leaving the site to ensure that the TransLift has working break lights. Always check the turn signals and brake lights before leaving.

## Gas Shut-Off Valve



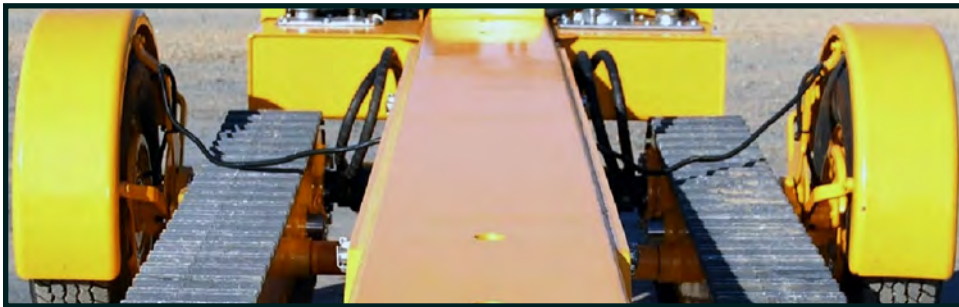
**OFF**

The gas shut off valve is located behind the motor, below the oil fill. When you tow the TransLift, the gas shut-off valve **MUST BE TURNED OFF** to avoid flooding the motor during transportation.

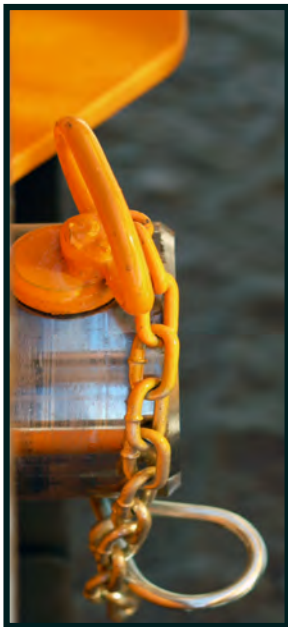


**ON**

## Wheels



After reassembling the wheels to the TransLift, always make sure the break cords are plugged in and the wheel safety pins are securely in place before transportation.



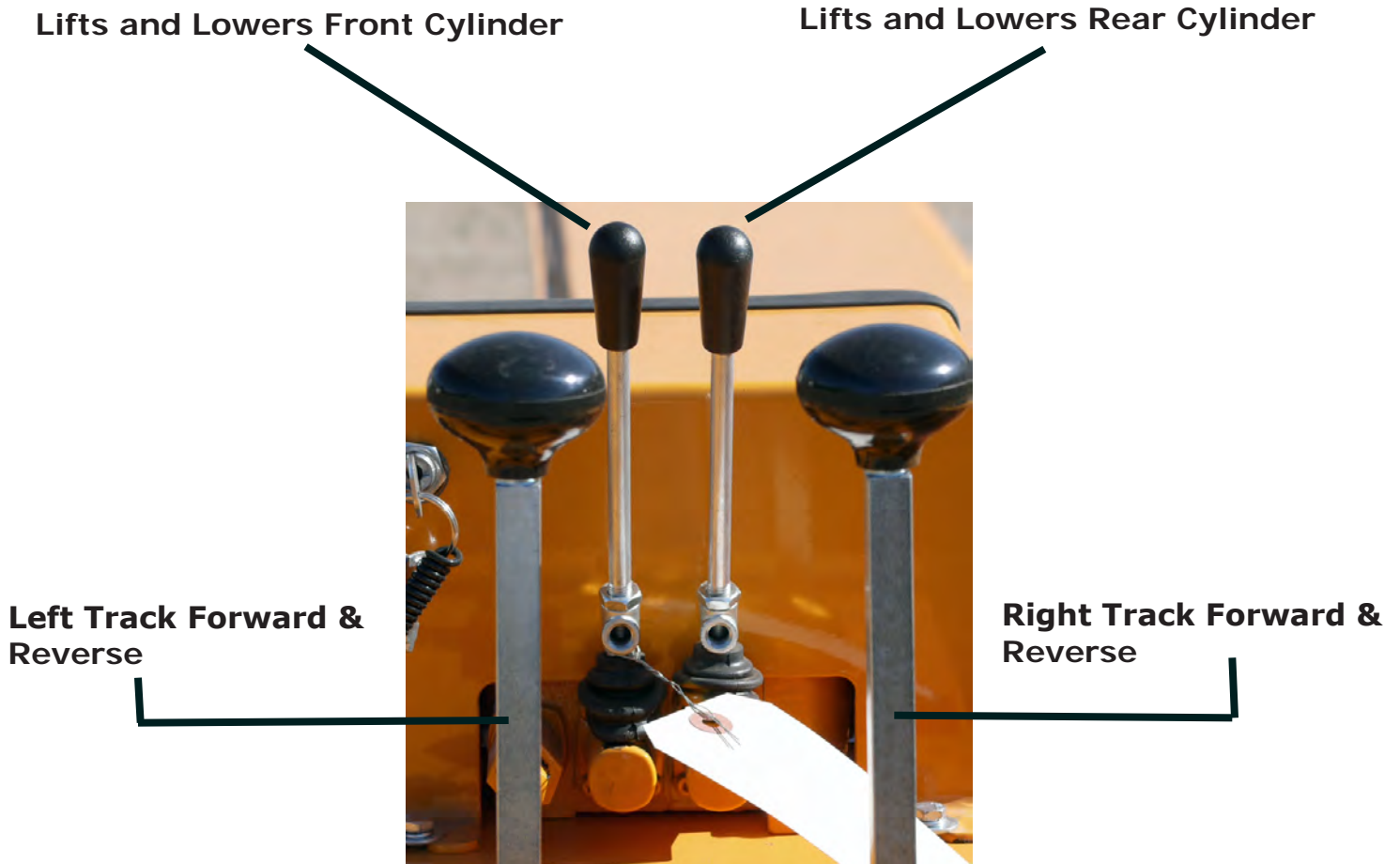
**Wheel Pin**



The wheels are very heavy! Never attempt to lift them off the ground. Always balance the wheels on the tires so that you can roll them to the TransLift when you are ready to reattach, and make sure the tracks are at a comfortable height so they will slide in easily.

# Operator Controls Overview

Without knowledge of the controls, the TransLift will not go very far. This page will give you a brief overview of the controls and their corresponding movements. After familiarizing yourself with this diagram, we recommend that you practice using these levers before starting the project.



**NOTE: Controls may appear different model to model, but have the same functions.**



**Tip**

The TransLift is hydrostatic, meaning the further you push or pull the controls, the faster it will go. The TransLift controls are spring loaded: if you are pushing forward or pulling backwards and let go of the controls, the TransLift control levers will automatically return to neutral and the machine will not move.



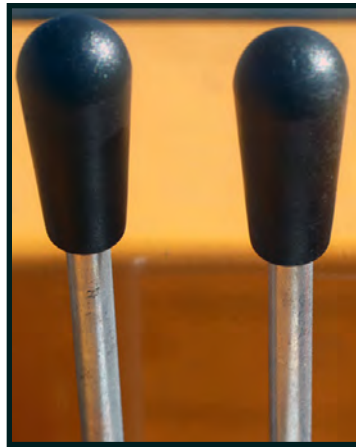
**NEVER** attempt to re-adjust relief valve pressures on the hydraulic controls under any circumstances. They have all been pre-set at the factory.



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Push forward to lower front of beam

Pull back to lift front of beam



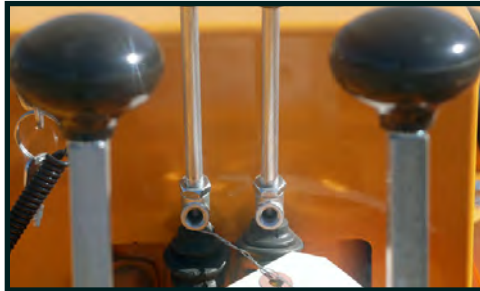
Push forward to lower rear of beam

Pull back to lift rear of beam

### Lifting and Lowering

Push forward to move left track forward

Pull back to move left track backwards



Push forward to move right track forward

Pull back to move right track backwards

### Forwards and Backwards

To move the TransLift forward in a straight line, push both levers forward.  
To move the TransLift backwards in a straight line, pull both levers backwards.

**Turning Right:** Push the LEFT lever forward and pull the right lever back



**Turning Left:** Push the RIGHT lever forward and pull the left lever back

### Turning

Tink does not want you to become a statistic! Reading and understanding safety procedures is imperative in dealing with your TransLift. Not only does Tink want to keep lifetime customers, but we also value your lives and do not wish to see anyone hurt. Therefore, we advise you to pay close attention to the safety measures in this chapter as well as those incorporated into the manual.

## **In This Section...**

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# Safety First!

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First and foremost, when handling your TransLift always be aware that you are dealing with a very powerful hydraulic mechanism that, as with all moving equipment, should be treated with care, good safety practices, and common sense.

## A Few Initial Safety Pointers...

We encourage you to always practice the **Triple A's** when operating or handling your TransLift:

o **A**ctive- Stay engaged in what you are doing. As the operator, you are not only responsible for your own safety but also the safety of those around you. If you notice a problem, solve it!

o **A**ttentive- Pay attention! Is someone doing something unsafe? Does everyone have their protective gear on? Have you gone through the necessary safety prechecks? Is everything clear of the unit? Make sure you are aware of your surroundings.

Also make sure that you and your coworkers understand hand signals used during operation, and be sure to keep visual contact with the person helping to guide the machine.

o **A**lert- Make sure you are not tired or drowsy when operating this machine. Never operate your TransLift under the influence of alcohol, drugs, or medication that may impair your senses.



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# Safety Icons

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In order to make this process as smooth as possible, key points are identified and reinforced throughout the manual with icons. As you are reading, be sure that when you come across these icons you pay close attention to the information that follows. These icons serve to alert you to the most important safety and technical aspects of the TransLift process.



**Caution/Warning:** This icon is the most important and indicates a potentially harmful or hazardous situation. The user will need to pay close attention to the information following this icon in order to avoid injury or death.



**Remember:** This icon will prompt you to remember something important that you may already know, or was already stated previously but is worthy of being repeated. In other words, it indicates something that we don't want you to forget.



**Important:** This icon warns of actions that could result in equipment damage and provides instruction on maintenance and handling.



**Stop:** This icon's purpose is the same as it is on the road: stop! Before you go any further, read the information following this icon. Stop, read, and then proceed.



**Helpful Tip:** This icon indicates some useful information that, if you pay attention to, will pay off by making your work a lot more enjoyable and productive.

# Prestart Checks

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Before you begin, be sure to run through this list of prestart checks. Making sure that these things are in place before you begin is essential to operating the TransLift, and will enable you to get the job done much faster.

It is a good idea to check these things BEFORE you head to the job site, to avoid having to go back for something you've forgotten.



**Check the Engine and Hydraulic Oil Levels:** No one wants to get out to the job site and find the oil tank empty. See the Subaru Engine Owner's manual for more information.



**Check the Fuel:** Do you have enough fuel to do the job required? Refer to the Subaru Engine Owner's Manual for more information about fuel type.



Do not fill the fuel tank while the engine is hot or running!



Check cooling air intake



Check air cleaner components



Do you have everything you need? Check to make sure you haven't forgotten these items:

- Pyramid
- Beam Saddle
- Wood Pads
- Frame Stop



Refer to the Subaru Engine manual for more information about engine leaning and maintenance.



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# Practice Runs

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Now that you are well acquainted with the components, controls, and safety procedures of the TransLift, we suggest a practice run before attempting to move a unit. This will help you learn the different movements of the controls and become more comfortable operating the machine.



**CAUTION:** Never run the engine in a closed building!



**IMPORTANT:** Make sure that you clear the practice area of any rocks and debris that may cause damage to the TransLift. When on asphalt or concrete, use plywood or mats.

- After completing your Prestart Checks, conduct your practice run in an open area, away from buildings, homes, ect. This will give you free reign to maneuver the TransLift without the possibility of running into any objects.
- Start the engine. Without moving the TransLift, practice using the throttle, slowly moving the lever from slow to fast RPM's. Get a feel for the speed of the engine.
- When you are ready to begin moving the TransLift, make sure you operate at a LOW RPM until you are more familiar with the machine.
- Get comfortable with operation of this machine by SLOWLY moving the TransLift forwards and backwards, turning, and lifting the front and back cylinders up and down.
- After you are comfortable with the movement of the TransLift, it would be beneficial to practice keeping the TransLift level on rough terrain. Maneuver the machine over uneven ground. Pay attention to your level gauge, adjusting the TransLift to keep the machine relatively level at all times.



# Operating the TransLift

# 4

Now you are reading to begin the fun part! This chapter will provide clear instruction in a logical sequence.

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# Starting the Engine

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1.) The fuel shut-off valve should still be in the "off" position from the last time you used and transported the TransLift. Turn the fuel shut-off valve to the "on" position.



2.) Turn the ignition key to the "on" position.

3.) The throttle and choke are located on the right side of the engine. You can speed or slow the machine by throttling up and down.



**Tip:** Always start the machine at a low RPM. If the engine is cold, use the choke control to allow it to warm up. The TransLift may be operated during the warm-up period; however, it may be necessary to leave the choke partially on until the engine has finished warming up.

# Transporting the TransLift

The detachable hitch and transport wheel assembly are engineered and designed to provide a fast and simple means for moving the TransLift from one job site to another. Always check, double check, and triple check to make sure you have everything in place before moving. Proper attachment is essential and will ensure safety on the road.



**CAUTION:** Make sure tow vehicle has electric brake actuator. If the vehicle does not have one or it is not working, **DO NOT** use this vehicle to tow the TransLift. Make sure the vehicle has a 2 and 5/16" ball.



**TIP:** Towing regulations differ from region to region. Be sure to check the transportation laws in your area, and in the areas you will be towing, before transportation.



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# Attaching TransLift to Tow Vehicle



**IMPORTANT:** Always hook up TransLift to tow vehicle on level ground.



1.) Secure the transportation hitch to the TransLift beam and fasten the safety pin. Place the locking latch in the "up" position.

2.) Raise the beam so there will be enough room to engage the truck hitch.

3.) Drive the TransLift SLOWLY towards the truck at a low RPM. Set the TransLift down on the hitch of the truck.



**CAUTION:** Turn off the TransLift! Any time you are about to engage in attaching or removing items from the TransLift, the machine should be turned off to avoid injury.

4.) Once the TransLift is connected to the truck, secure the latch in the locked (down) position.

5.) Secure safety chains to truck.

6.) Reattach the brakeaway device. The brakeaway switch is a black box located on the TransLift hitch, with one cord that plugs into the TransLift and a wire that connects to the truck.



**CAUTION:** THE BRAKEAWAY SWITCH MUST BE APPROPRIATELY CONNECTED BEFORE TRANSPORTATION! If the machine separates from the truck, the pin on the breakaway switch (which is attached a wire that hooks to the truck) will pull out, effectively locking the breaks on the TransLift. Proper attachment of this device will ensure the safety of yourself and others on the road, as well as keep your TransLift safe.

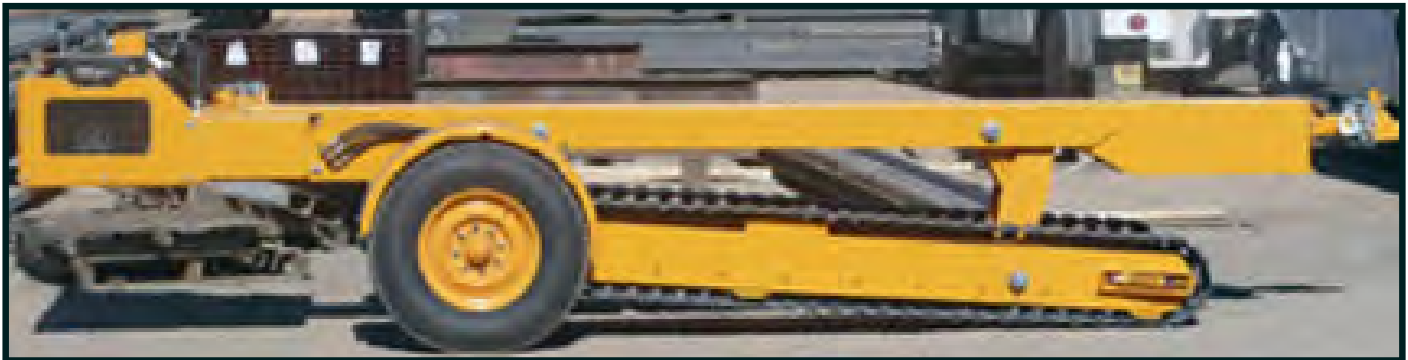


7.) Connect brake light cord, wrapping it around the hitch first to avoid dragging.

8.) Place pyramid stand underneath the main beam for added support.



9.) Start the engine at a low RPM. Raise the rear tracks just enough so the wheels will slide in the track frame axle hole without any lifting.



10.) SHUT OFF ENGINE.

11.) Roll the wheel to the TransLift and slide the axle into the track.





**IMPORTANT:** The wheels are very heavy! To avoid injury or property damage, never attempt to lift them off the ground. Always roll the wheels to the TransLift.

## To Properly Handle Wheels:



Make sure the tracks are only slightly off the ground and level. Never use your back to lift, insert, or remove the wheels.



Insert or remove wheel at a level angle. If the tracks are positioned correctly, you should be able to pull the wheel straight out or slide it straight in. Immediately lower tire to ground after removal.



Always have the wheel resting on its axle. This will make insertion easier and avoid having to lift the wheel itself.



12.) Secure wheel safety pins and safety latch.

13.) Hook up electric brakes.

14.) Remove pyramid stand and start engine again.

15.) Lower the wheels to the ground.

16.) Lift the front tracks all the way up.

17.) Raise and level the rear beam to avoid dragging during transportation and to ensure visibility of the brake lights to other drivers.

18. Turn off the engine and remove key. Place in a safe location.



**IMPORTANT:** TURN OFF FUEL VALVE. This will prevent gas from flooding the motor during transportation.



**DO YOU HAVE EVERYTHING?** Run through this checklist before you drive away:

- Beam Saddle
- Pyramid Stand
- Ball Hitch
- Wood Pads
- Frame Stop
- Plywood Mats



## Before You Leave...

- Check turn signals and brake lights to make sure they are working properly
- Adjust mirrors
- Double check all safety features:

Safety pins are securely fastened

Brakaway switch is in place

Wheels are secured



**CAUTION:** Drive slowly, safely and carefully--you are towing a very valuable and powerful machine.



**IMPORTANT:** For long or extended travel, stop intermittently and check to make sure everything is in place.



# Removing TransLift from Tow Vehicle



**IMPORTANT:** Always remove TransLift from tow vehicle on level ground.



1.) Place pyramid stand underneath the main structure and center it.



**REMEMBER:**  
Never place the stand under the engine.

2.) Start the engine.

3.) Level the beam so the wheels are slightly off the ground. To make removal easier, do not raise the wheels too high.



**CAUTION:** TURN OFF ENGINE before removing wheels.

4.) Unhook the brakes attached to the wheels. Wrap the cord around a metal piece on the back of the wheel to avoid tripping.

5.) Remove the wheels safety pins and place in a secure location.



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6.) Pull the wheels out at a level angle. Once the wheel is detached from the TransLift, immediately lower it to the ground.



**CAUTION:** The wheels are very heavy and should never be lifted. Always keep weight on the wheel itself. Placing the wheels on the ground resting AGAINST the axle--NOT on its face--will make the wheels easier to move.

7.) Disconnect all transportation and safety features from truck:



- Unhook safety chains and wrap around hitch
- Disconnect breakaway switch
- Release brake light cord
- Lift locking latch in the "Up" unlocked position



**REMEMBER:** Always place accessories in a safe, secure location out of the way of the operation zone.

8.) Start the engine. Lower front of tracks to the ground, raising the front of the beam off the truck hitch.

9.) Lift rear of beam enough to remove pyramid stand.

10.) Slowly pull the TransLift back until it is a safe distance from the back of the vehicle.

# Operating the TransLift



1.) Using the small levers, bring the lifting beam to the raised position, keeping it level.

2.) Proceed towards either the front of the unit by the hitch, or to the side near the back axle assembly.



Make sure your path is free of any debris or rocks before you proceed towards the unit. Make sure all workmen are out from underneath the unit and **ABSOLUTELY DO NOT** allow anyone below the unit during operation.



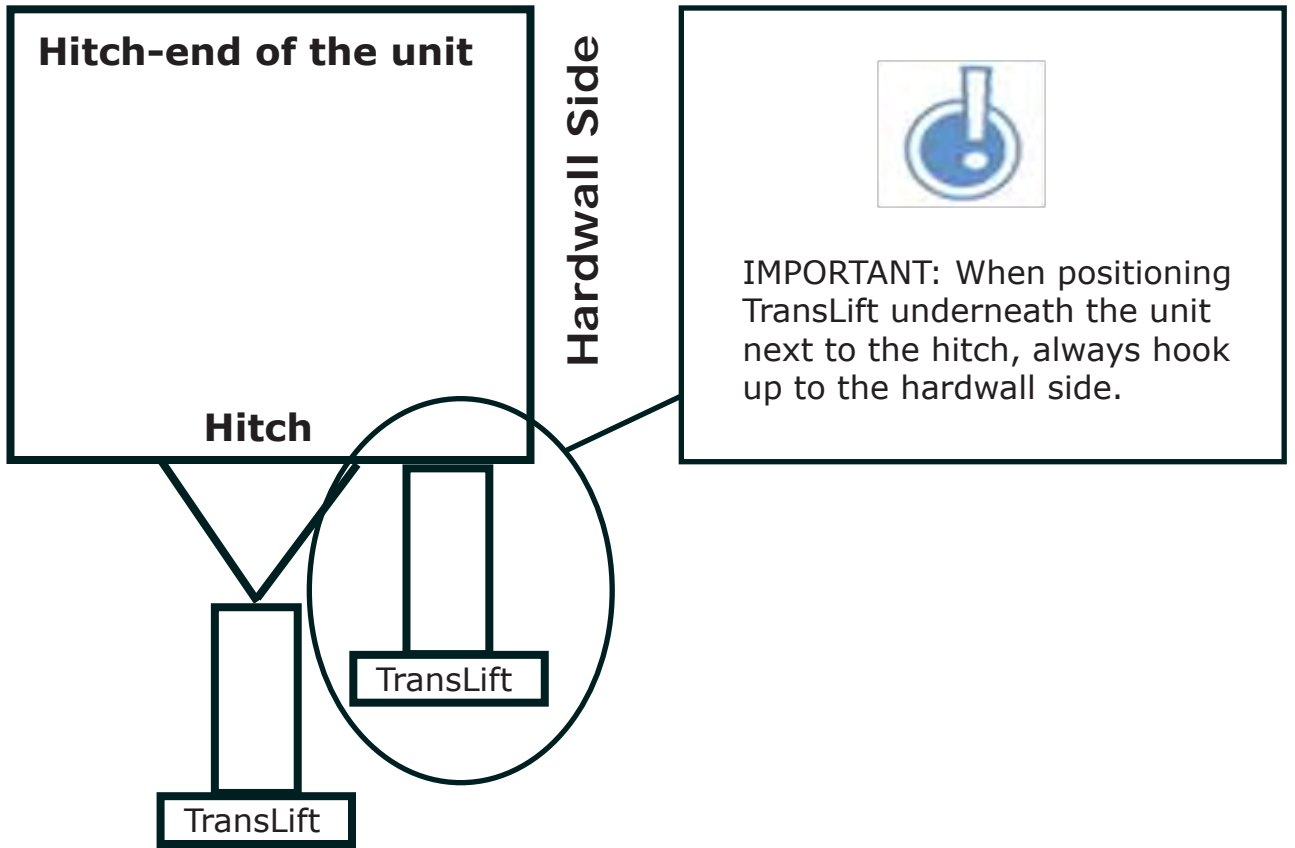
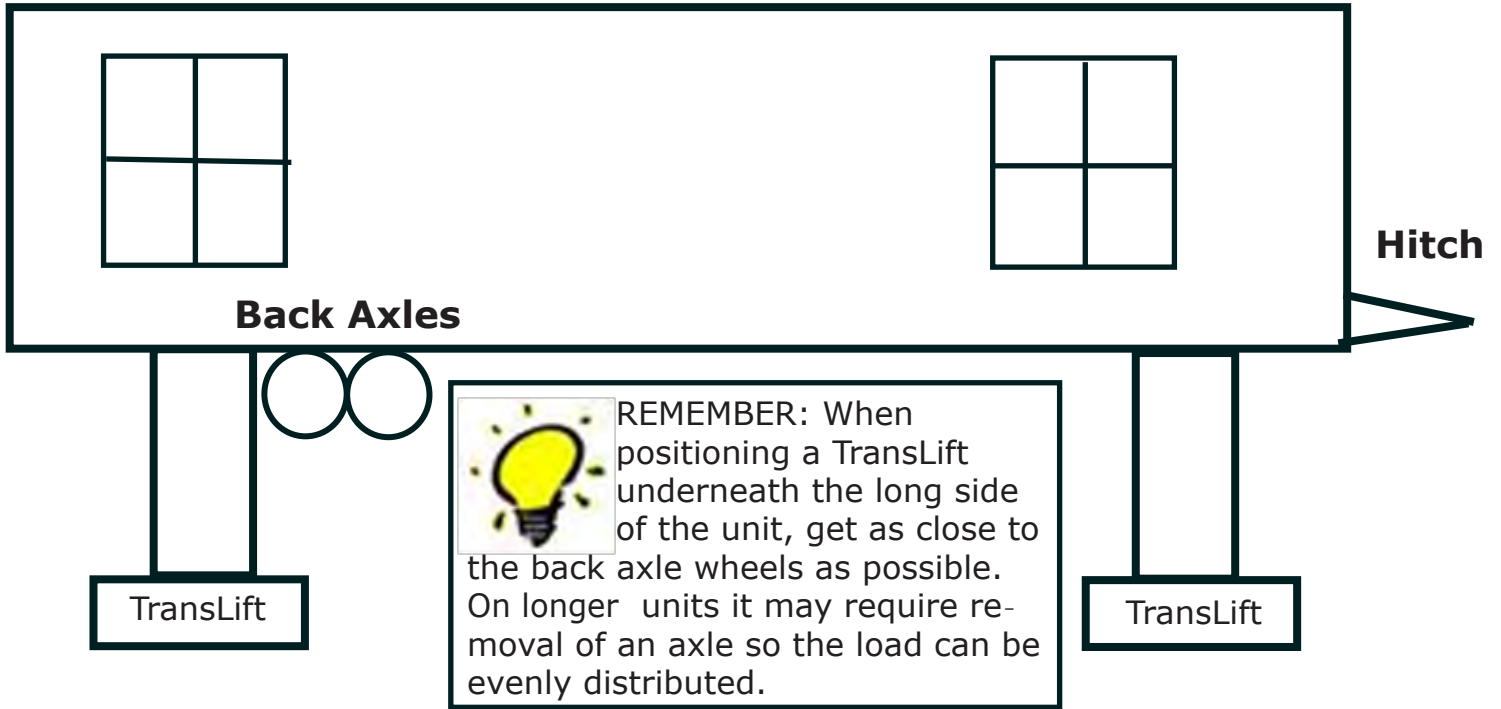
Enter underneath the unit as close to the back axle wheels as possible. On longer units it may require removal of an axle so the load can be evenly distributed.



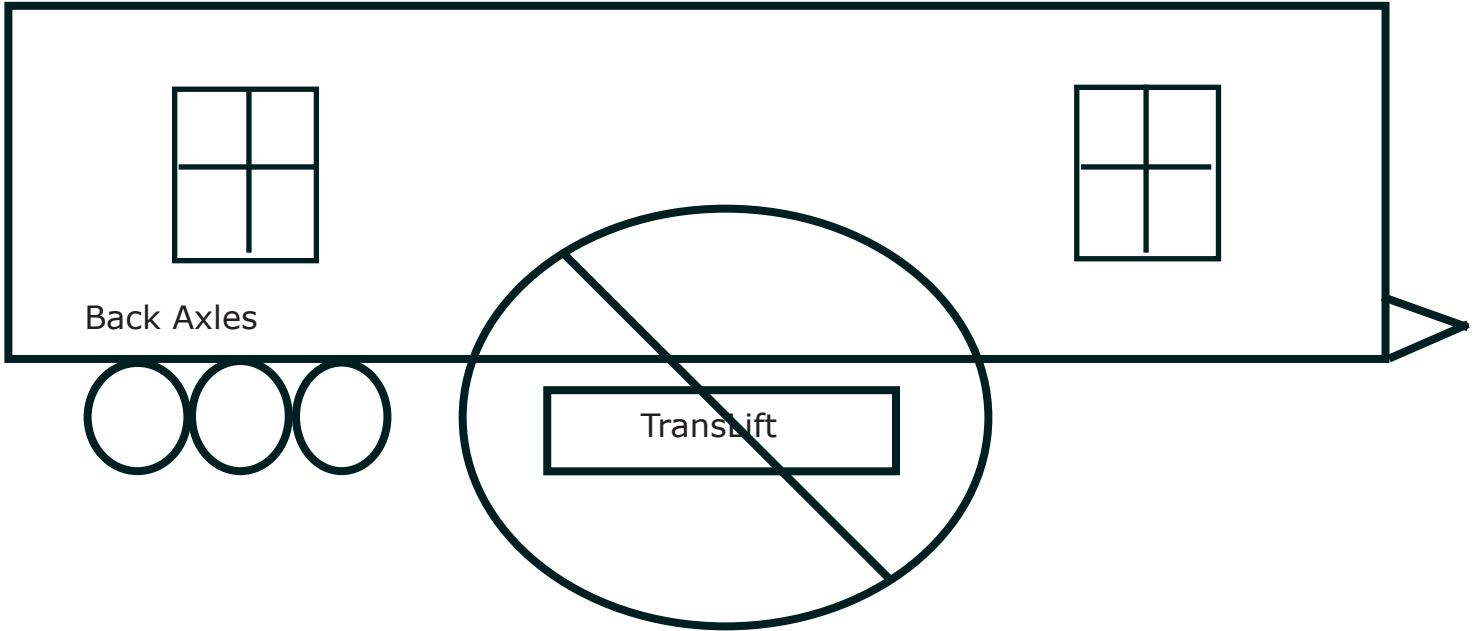
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# Suggested Lifting Points

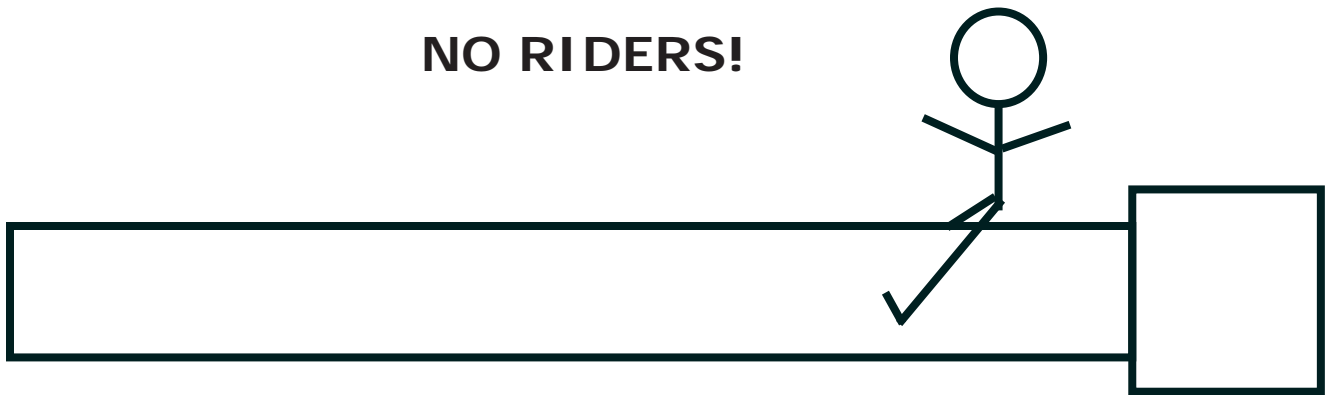


# Safety Precautions During Operation



**CAUTION: NEVER LIFT IN THE MIDDLE OF THE HOME.** This is very dangerous and can cause a bend in the unit frame and/or cause the unit to slide end-ways off the TransLift.

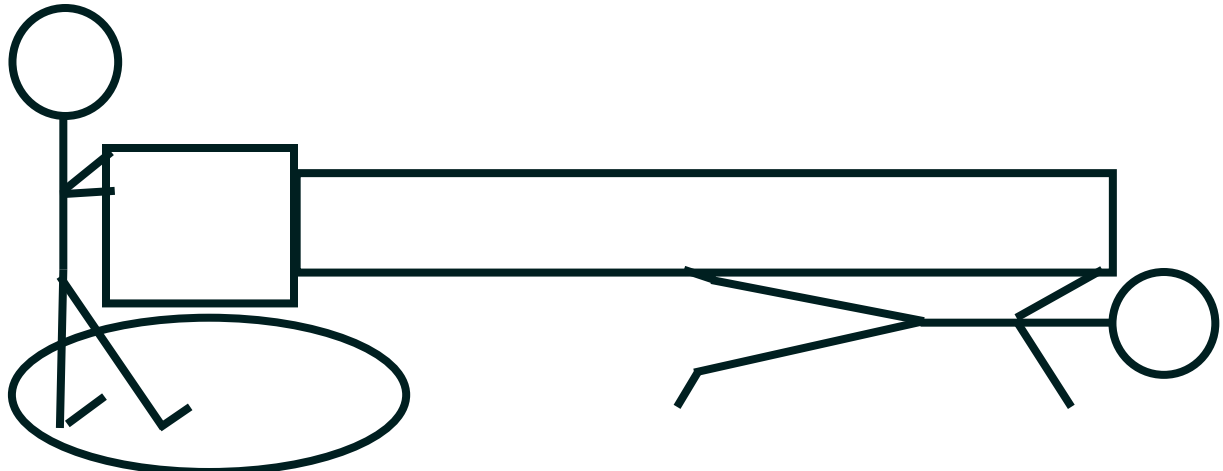
**NO RIDERS!**



**CAUTION: Never** allow anyone to sit, stand, or ride on the TransLift during operation or at any other time.



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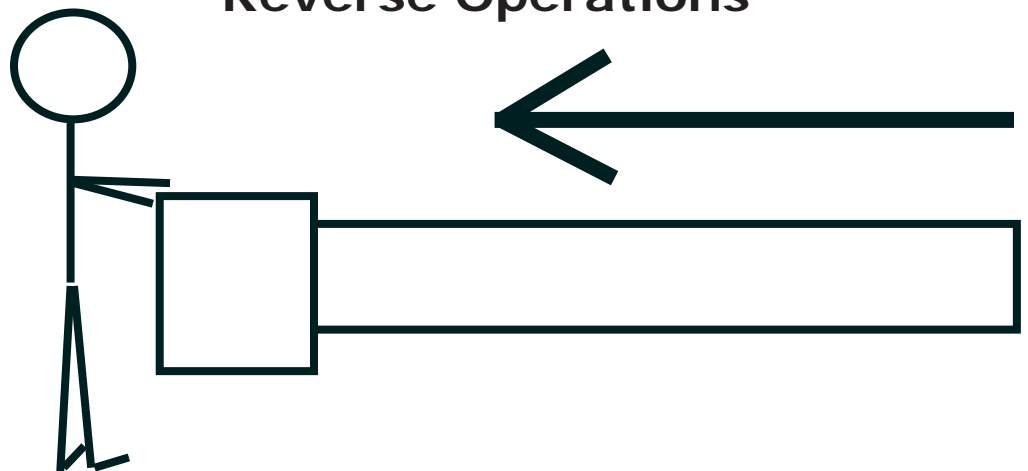


**Pinch Point**

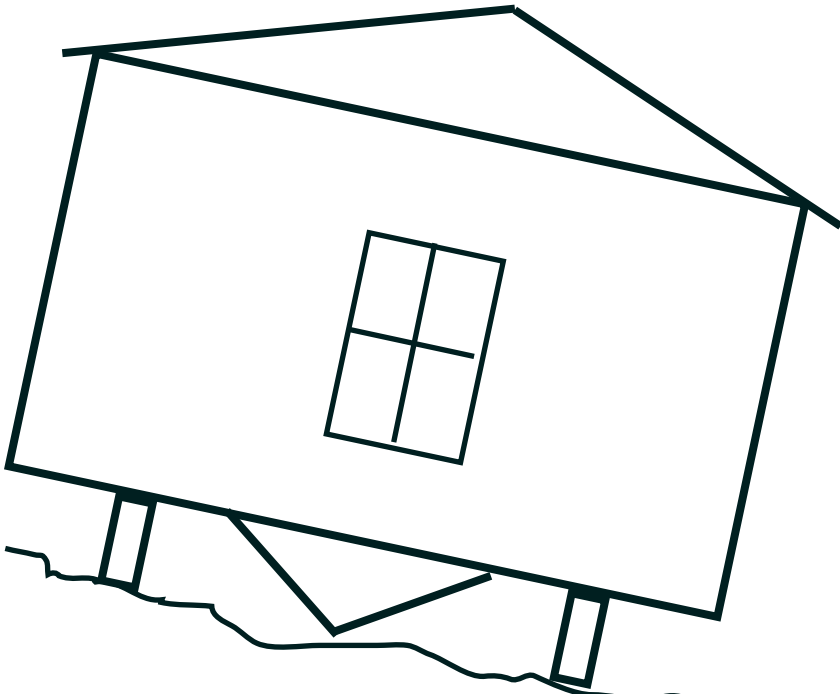


**CAUTION: NEVER** place any body part underneath the TransLift during operation. Be extra careful to keep your feet out from underneath the main beam, especially when lowering.

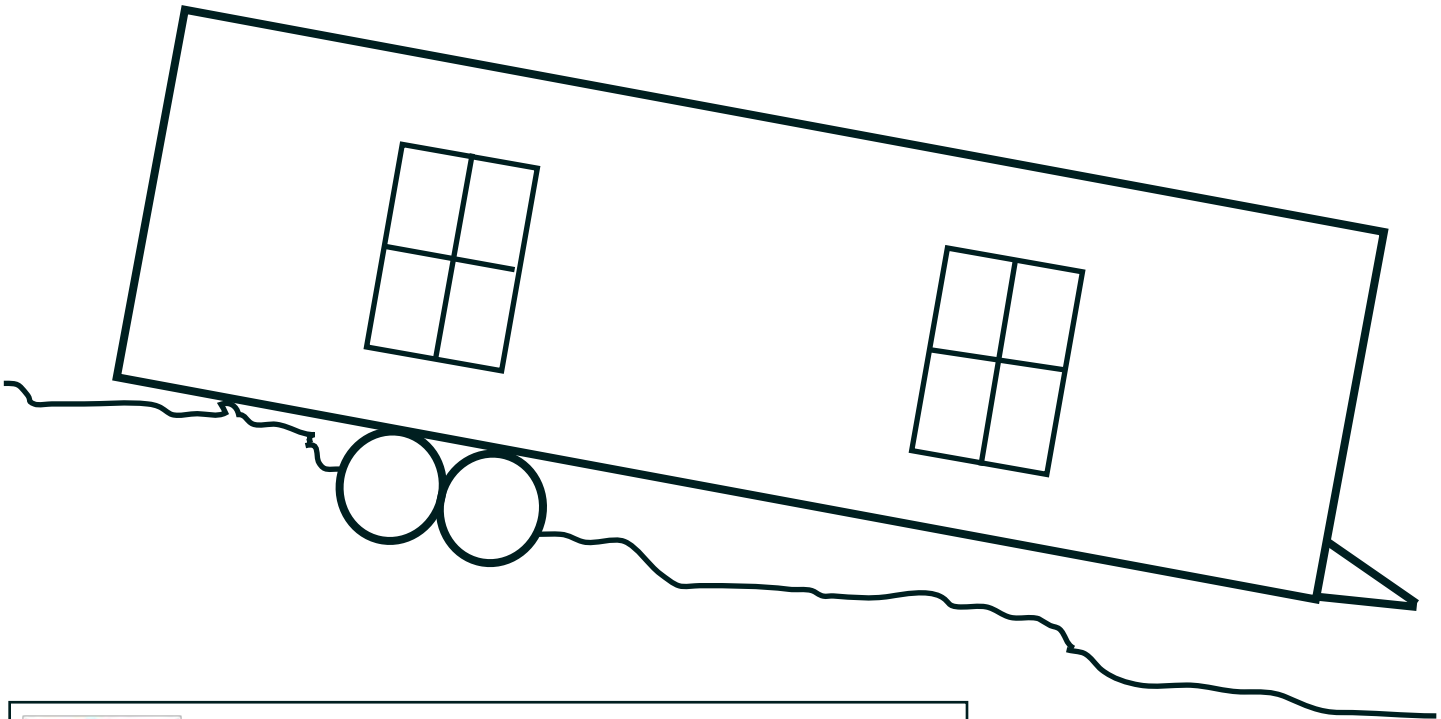
## Reverse Operations



**CAUTION:** Before operating the TransLift in reverse, look behind to make sure that there are no objects in your path that could potentially trip or pin you. Be sure to have a spotter help guide you as you are operating the TransLift in reverse mode.



**CAUTION: NEVER** push or pull unit on sloped or uneven ground, as this action has the potential to cause a runaway load.



**CAUTION: NEVER** push or pull unit on sloped or uneven ground when TransLift is underneath unit, as this can potentially cause load rollover.

# Entering from the Side



1.) Lower the beam evenly, making sure that it is low enough to clear the unit frame. Watch for plumbing.



**CAUTION:** PINCH POINT! When lowering the TransLift, always keep feet, hands, and other body parts clear of the beam and the main structure.



**IMPORTANT:** Do not drag the beam on the ground, or scrape on the unit, as this can cause damage to the components below the beam.

2.) Proceed slowly and cautiously under the unit, leaving a space between the TransLift and the frame of the unit.



**REMEMBER:** When positioning the TransLift under the unit, get it as close to the unit wheels as possible and at near right angles to the unit frame.

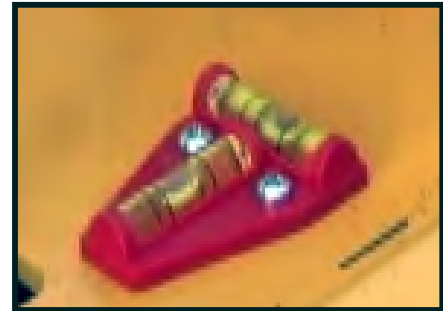


3.) When in position, place a piece of wood at each end of the beam, parallel to the frame of the unit. This helps distribute weight during lifting and prevents slipping.

4.) With the wood between the TransLift and the frame, lift the home SLOWLY.



**IMPORTANT:** Always use your level, located on the main frame of the TransLift near the controls, to keep the machine at a constantly maintained level.



5.) Once you have lifted the unit, you are free to move the TransLift as necessary.



**CAUTION:** To move the module sideways, do so very slowly and have an observer watch to provide instruction. NEVER attempt to turn the TransLift when the unit is lifted.



**IMPORTANT:** When moving longer distances, the TransLift may have to be repositioned on the unit frame to prevent frame binding.

6.) When the unit is in the desired location and position, SHUT OFF THE ENGINE IMMEDIATELY.



**REMEMBER:** Never crawl under the unit until the operation is complete, and always shut off the engine when unattended.

7.) Place safety blocking under each end of the lifting beam.



**IMPORTANT:** If the unit and TransLift are on an incline, block the tracks on the low portion of the incline. Be sure to keep the beam level.



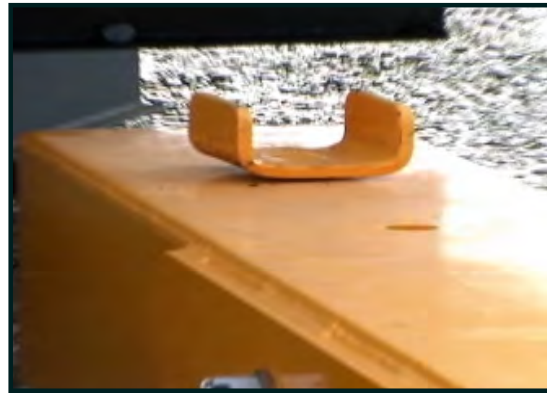
**REMEMBER:** The purpose of this manual is to provide instruction on how to operate the TransLift--NOT how to install or assemble a unit. Specific blocking procedures are to be determined on a user and company basis. Tink, Inc. is not responsible for instruction on blocking procedures.

8.) When leveling and blocking are completed, operator may remove TransLift. Make sure the beam does not drag on the ground or on the frame of the unit.

# Pulling from the Hitch



Ball Hitch



Beam Saddle

There are two different ways to pull a unit using your TransLift--the ball hitch and the beam saddle.



**REMEMBER:** Whenever you are going to add new accessories to the TransLift, always shut off the engine.

## The Ball Hitch

- 1.) Insert the ball hitch into the end of the TransLift, making sure the safety pins are securely in place.
- 2.) Lower the ball under the hitch of the unit and secure it in place. This procedure is done in a similar manner as attaching the TransLift to the tow vehicle. For reminders on this process, see page 27.
- 3.) You are now free to pull the unit slowly and carefully.



**REMEMBER:** When turning, do so slowly and carefully. If on blacktop or similar surface, plywood pads may be necessary to prevent scratching or marking.



# The Beam Saddle

The beam saddle allows you to push weight further back on the TransLift if you have a heavier unit. When you have a longer unit that is front heavy, use of the ball tends to want to stand up the machine. By hooking on with the saddle it allows weight to be pushed further back on the TransLift, keeping it level.



CAUTION: Always hook to the hardwall side.



- 1.) Secure the beam saddle in place.
- 2.) Lower the beam enough to clear the unit.
- 3.) Grab the I-beam right behind the front plate on the hardwall side.

# Notes

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