

M-90-2
REV. B
SEPT. 1995

OPERATION MANUAL



RC-2B

RC-3B

RC-4B

RC-5B

RC-6B

MAXON®
LIFT CORP.

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W A R N I N G

1. Read this manual and "UNDERSTAND COMPLETELY BEFORE OPERATING THIS UNIT".
2. If your operating procedure requires more than one person, CHECK LOCATION OF THE OTHER PERSONS BEFORE OPERATION UNIT.
3. Lock retention ramps "BEFORE" closing platform.
(See Page 6).
4. DO NOT stand on platform and operate unit unless CAM FOLLOWERS ARE IN THE DISENGAGED POSITION. (See Page 6).
5. When platform is used as a ramp between truck or trailer and dock, DO NOT ALLOW ANY TRANSFER OF LOADS TO EXCEED THE RATED CAPACITY OF THE UNIT.
6. DO NOT STAND UNDER PLATFORM WHEN LOWERING.
7. DO NOT STAND IN FRONT OF PLATFORM WHEN LOWERING FROM VERTICAL POSITION.
8. DO NOT use platform to restrain loads in the body when platform is in the vertical position.
9. DO NOT TRAVEL WITH PLATFORM OPEN OR WITH LOADS ON IT.
10. DO NOT ALLOW CHILDREN TO RIDE OR PLAY WITH UNIT.
11. CHECK AREA AROUND LIFT FOR CHILDREN AND OTHER PERSONS BEFORE OPERATING UNIT.
12. The lift should operate smoothly and the only noise during operation should be from the pump motor during the RAISE operation. Any scraping, grating or audible suggestions of rough running should be investigated. The cause should be pinpointed and eliminated before further deterioration of performance occurs.

On the corner post of your vehicle, close to the curb side control switch, there should be a RED URGENT WARNING decal attached.

The contents of the decal are as follows:

URGENT WARNING

ELEVATING GATE INSTRUCTIONS

Before Operating Lift, Be Sure You Understand

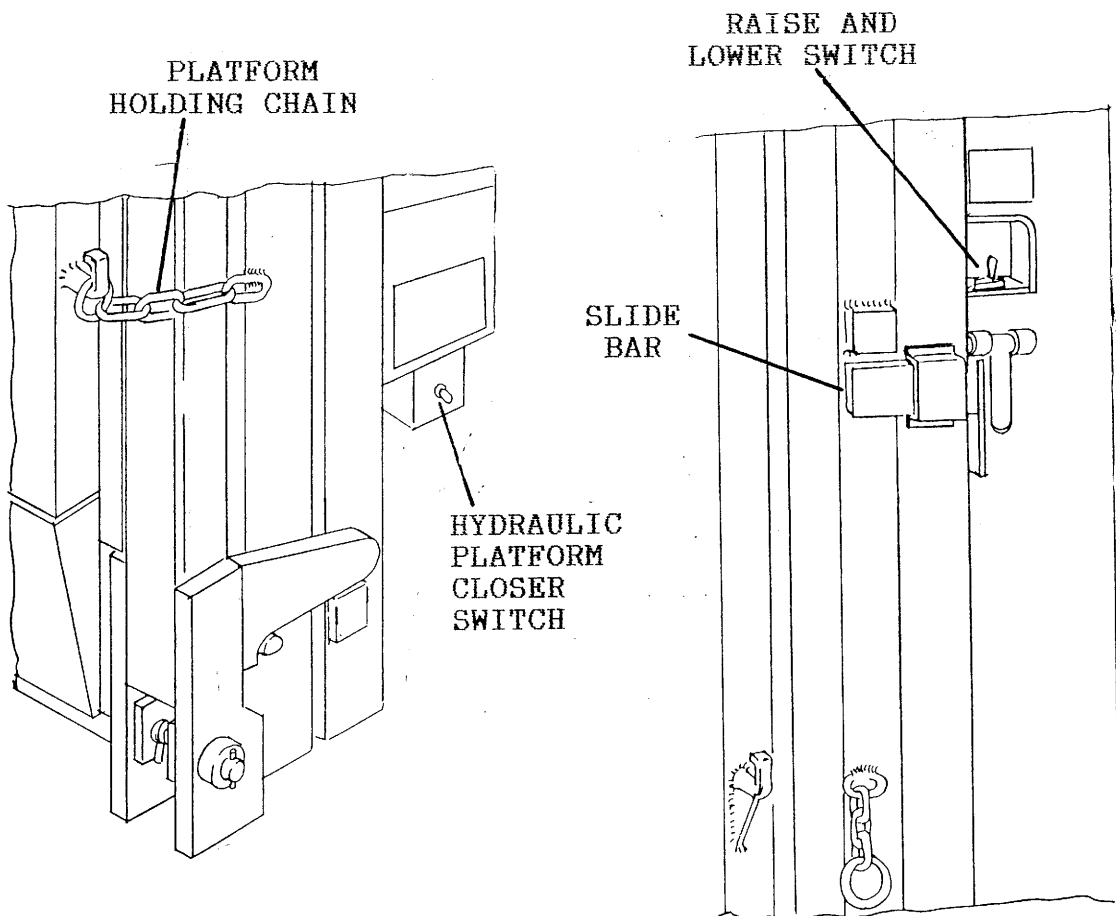
1. Improper operation of this lift can result in serious personal injury. Do not operate unless you have been properly instructed and have read, and are familiar with the operating instructions. If you do not have a copy of the instructions please obtain them from your employer, distributor, or lessor, as appropriate, before you attempt to operate the lift.
2. Be certain the vehicle is properly and securely braked before using the lift.
3. Always inspect this lift for maintenance or damage before using it. If there are signs of improper maintenance, damage to vital parts, or slippery platform surface, do not use the lift. Do not attempt your own repairs, unless you are specifically trained.
4. Do not overload. See the Manufacturer Literature for the rated load. Remember that this limit applies to both raising and lowering operations.
5. Each load should be placed in a stable position as near as possible to the center of the platform.
6. Never stand in or move through or allow anyone else to stand in or move through the area in which the lift may operate or into which an upset load might fall.
7. This is not a passenger lift. Do not ride the lift with unstable loads or in such a manner that a failure would endanger you. The lift is not equipped with a back-up alarm system to prevent falling in the event of a failure.

other decals that are on unit that should be adhered to are:

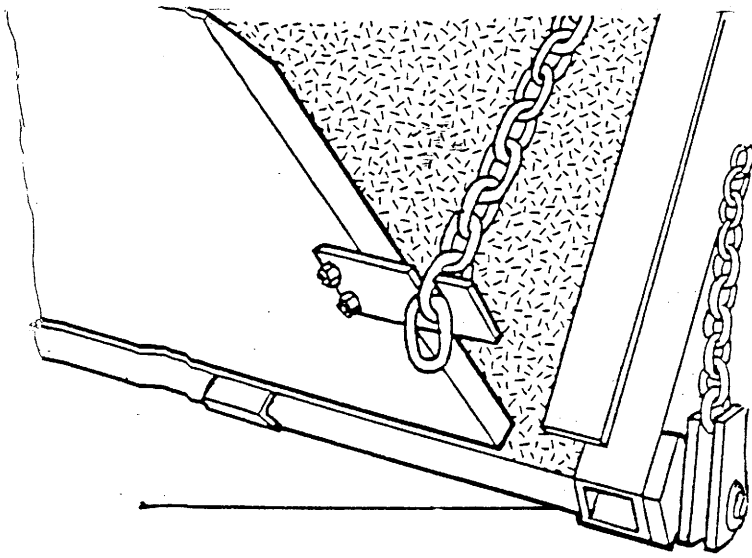
1. "Caution Stand Clear When Operating" on the back of the lift.
2. A capacity decal.
3. A metal plate in the main frame advising to check the cable every 3 months for broken cable strands.

OPERATING PROCEDURE

- 1.1 USING MAIN TOGGLE CONTROL SWITCH LOCATED ON CURB SIDE OF LIFT COLUMN, RAISE UNIT TILL PLATFORM RUNNERS HIT COLUMN STOPS. REMOVE PLATFORM HOLD CHAIN AND MOVE SLIDE BAR TOWARDS FRONT OF TRUCK, FAR ENOUGH TO CLEAR STOP BLOCK WHEN UNIT IS LOWERING.
2. IF UNIT HAS THE MECHANICAL CLOSING PLATFORM, ALL YOU NEED DO IS MOVE TOGGLE SWITCH IN THE DIRECTION AWAY FROM THE TRUCK. CAUTION: MAKE SURE THAT NO OTHER PERSON IS STANDING BEHIND THE PLATFORM DURING THE OPENING OPERATION. THE PLATFORM WILL AUTOMATICALLY OPEN AND LOWER AT THE SAME TIME.
3. IF UNIT IS EQUIPPED WITH A HYDRAULIC CLOSING PLATFORM, MOVE LOWER TOGGLE SWITCH IN THE DIRECTION AWAY FROM THE TRUCK TILL PLATFORM IS COMPLETELY OPEN. THEN MOVE THE UPPER SWITCH IN THE DIRECTION AWAY FROM THE TRUCK, TO LOWER PLATFORM TO GROUND. REPEAT PROCEDURE TO RAISE AND CLOSE.



Platforms with Aluminum Retention Ramps. Unit Option.

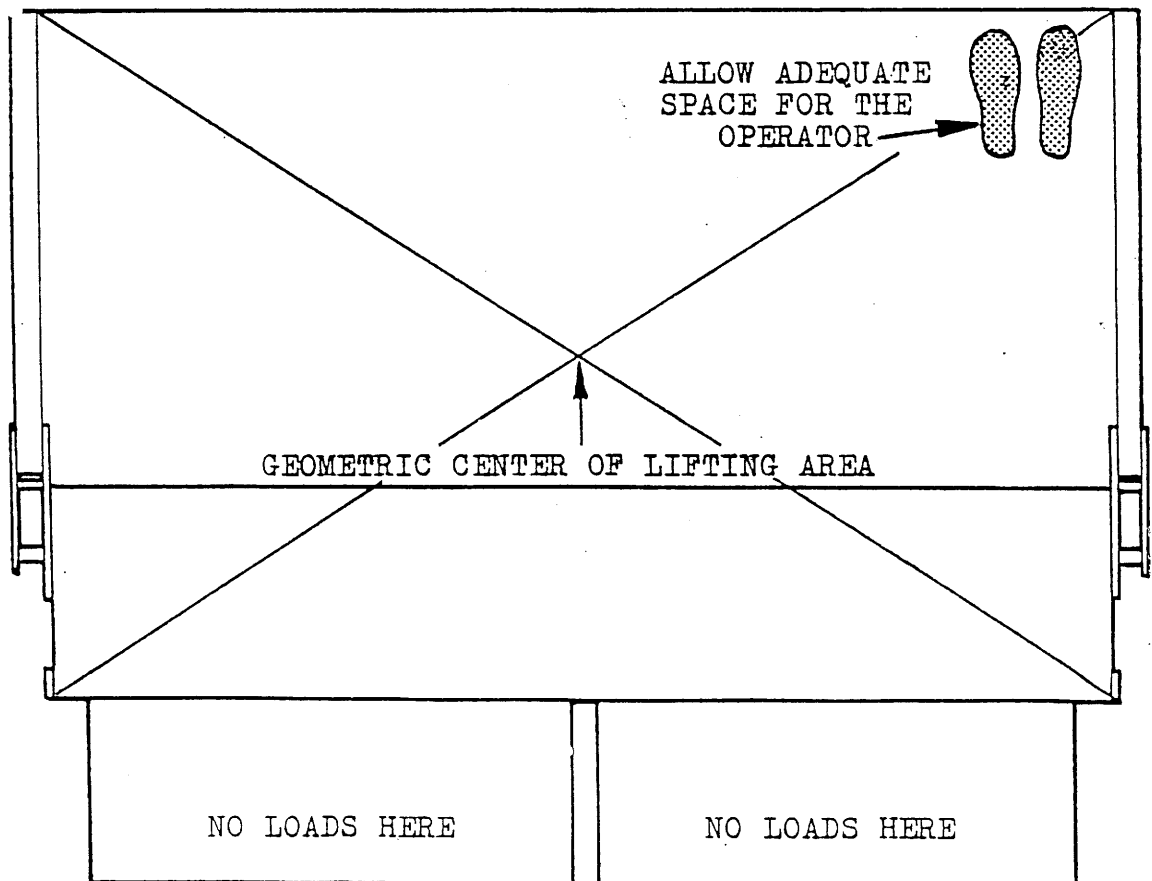


If loading is to take place with the platform lowered the retention ramp is unfolded so that it will act as a loading ramp.

If loading is taking place at bed height, the ramp is placed in the bracket on the side of the ramp. The opposite end of the ramp will be secured in the same manner.

The loading requirements are the same whether the platform is loaded from the ground, from bed height or from a dock.

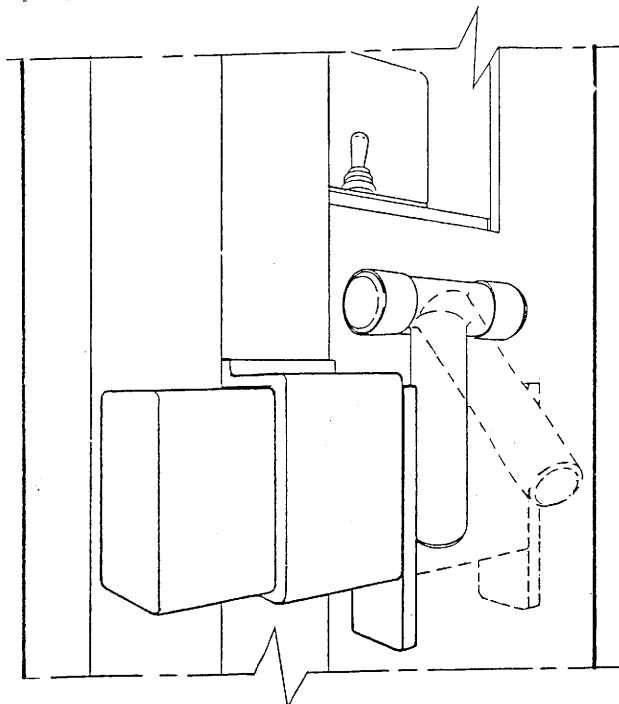
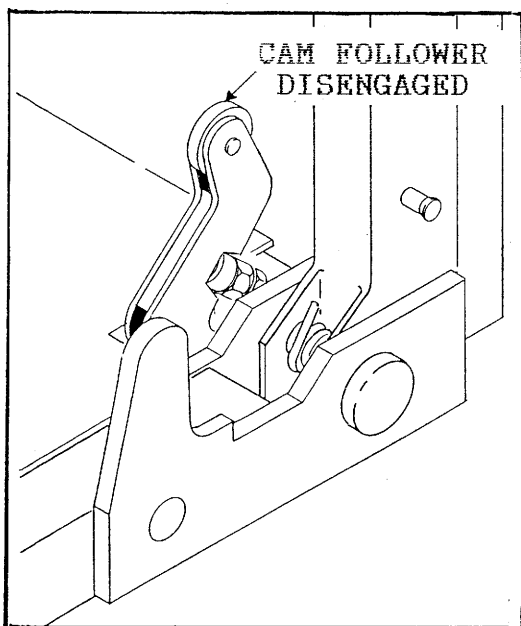
- (a) The load MUST NOT BE GREATER THAN THE RATED CAPACITY FOR YOUR UNIT.
- (b) The load shall be placed and distributed CENTRALLY AROUND THE GEOMETRIC CENTER OF THE LIFTING AREA.
- (c) NO PART OF THE LOAD SHALL HANG OVER ANY OF THE EDGES OF THE LIFTING AREA.
- (d) Adequate space must be available for the operator to stand safely within the confines of the platform (feet must not extend over platform edge to enable the operator to reach the corner post control switch in order to raise or lower the platform).
- (e) **WARNING!** WHEN OPERATING UNIT EXTREME CARE SHOULD BE TAKEN, ESPECIALLY WHEN LOADED, WHEN CHILDREN AND OTHER PERSON ARE IN CLOSE VICINITY TO THE OPERATION.
- (f) Before raising the platform ALWAYS CHECK THAT THE CAM FOLLOWERS ARE IN THE DISENGAGED POSITION. (This is illustrated in Section (?) - OPERATING THE PLATFORM).



WARNING! UNDER NO CIRCUMSTANCES IS ANY LOAD TO BE CARRIED ON ANY RAMP WHICH MAY BE INSTALLED TO YOURS PLATFORM.

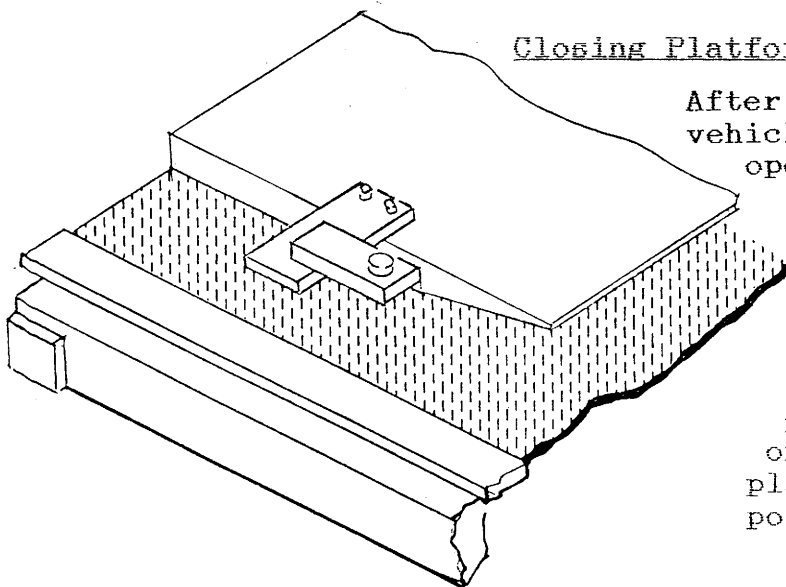
For a one man operation the operator will stand on the top right hand corner of the platform. as illustrated on Page 5. The operators feet MUST be clear of the edges of the platform. Check that the cam followers are in the disengaged position. Operate main control switch to raise platform. When platform reaches bed height release the switch. The load can now be moved into body. A load can now be off loaded from the body, the disposition of the load to be placed centrally about the geometric center of the lifting area. Operate switch to lower platform.

When platform touches the ground release the switch. If retention type ramps are installed to the platform lower them to the ground to enable the load to be off loaded.



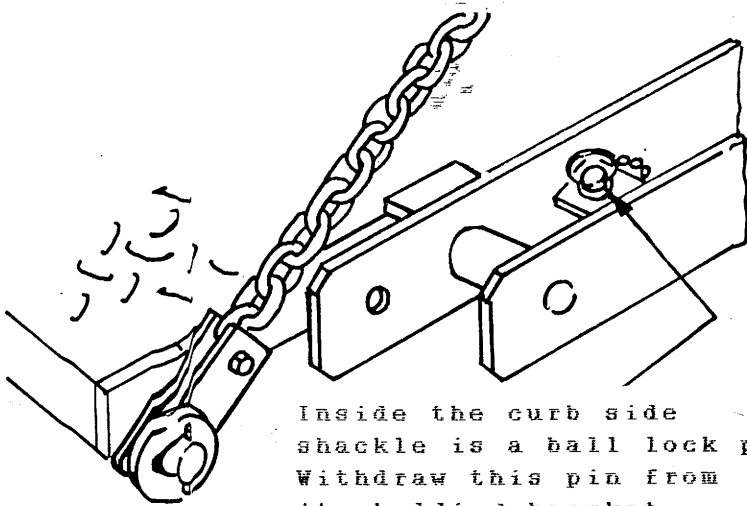
Closing Platform to the Tailgate Position

After operations are complete and vehicle is to be moved from the operating zone the platform is raised to the tailgate position in the following manner.

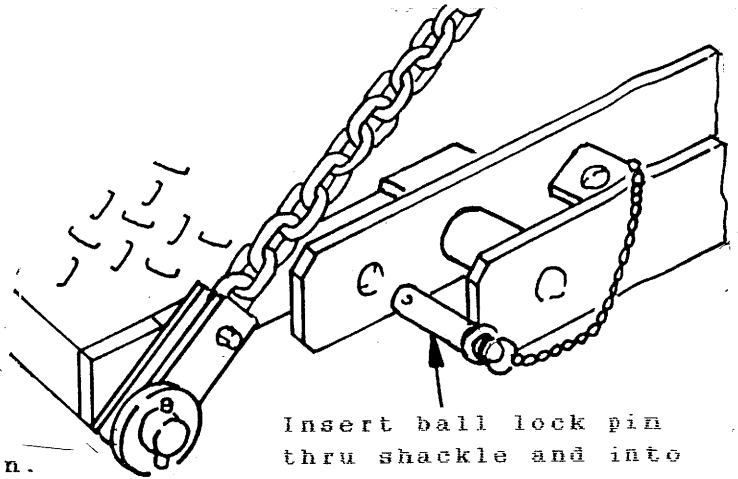


If your platform has the split steel ramp or the aluminum retention ramp it must be first folded over on to the top of the platform and locked in position.

If the folding section assembly is to be carried in the upright (or tailgate position) it must first be locked to the platform assembly. This is carried out before the platform is raised. See illustrations.



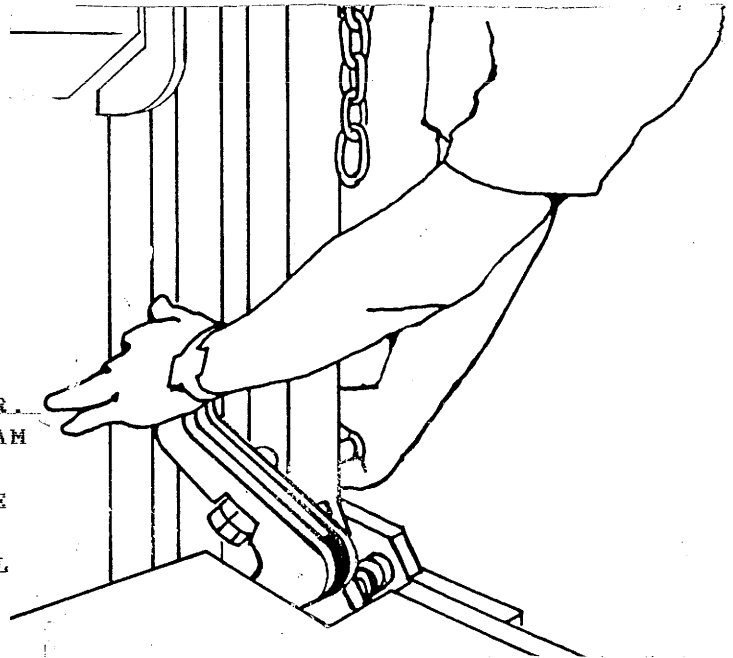
Inside the curb side shackle is a ball lock pin. Withdraw this pin from its holding bracket.



Insert ball lock pin thru shackle and into folding section.

MECHANICAL-CLOSING-PLATFORM

RAISE PLATFORM TO WHERE THE CAM FOLLOWERS CAN BE ROTATED DOWNWARD WITHOUT HITTING THE CLOSING CAMS, ABOUT 20 INCHES FROM TOP OF TRUCK FLOOR. USING LEFT HAND PUSH THE ROLLER ON THE CAM FOLLOWER DOWN, WITH RIGHT HAND PUSH THE LOCK PIN IN TILL IT IS ABOVE THE EDGE OF THE CAM FOLLOWER. STILL HOLDING LOCK PIN, RELEASE THE CAM FOLLOWER. THE LOCK PIN WILL NOW HOLD BOTH CAM FOLLOWERS IN THE PROPER POSITION FOR THE CLOSING OPERATION. REMOVE RIGHT HAND FROM LOCK PIN. USING CONTROL SWITCH RAISE PLATFORM TILL ITS COMPLETELY CLOSED.



FOR HYDRAULIC PLATFORM CLOSING
OPERATION REVERSE PROCEDURE #3,
PAGE 4.

CAUTION: KEEP HANDS CLEAR OF
CLOSING PLATFORM.

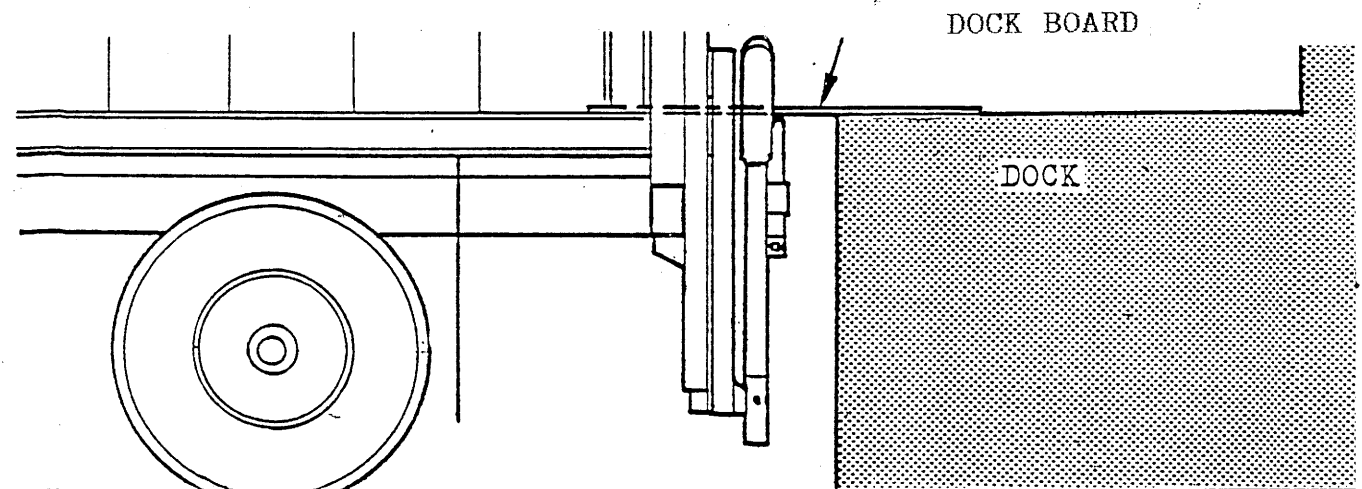
Using the main control switch, raise lift. When the cam followers touch the cams the platform will rotate about the hinge pins until it reaches the vertical position. If the folding section was locked to the platform it will automatically fold as the platform is rotating until it hangs down in vertical position against the underside of the platform.

Continue to raise the platform until both runners hit the stops. Attach chain and move slide bar in the direction away from the truck in the position under the runner blocks.

Dock Loading Procedure - Standard Height Docks

Slowly back vehicle against dock. Pull forward a few inches. Platform can now be lowered in vertical position, by moving both left and right slide bars toward front of truck and operating the lowering switch located in curb side column. DO NOT remove platform holding chain for this operation. When platform clears truck floor, a dock board can be used to bridge the gap between the floor of truck and the dock.

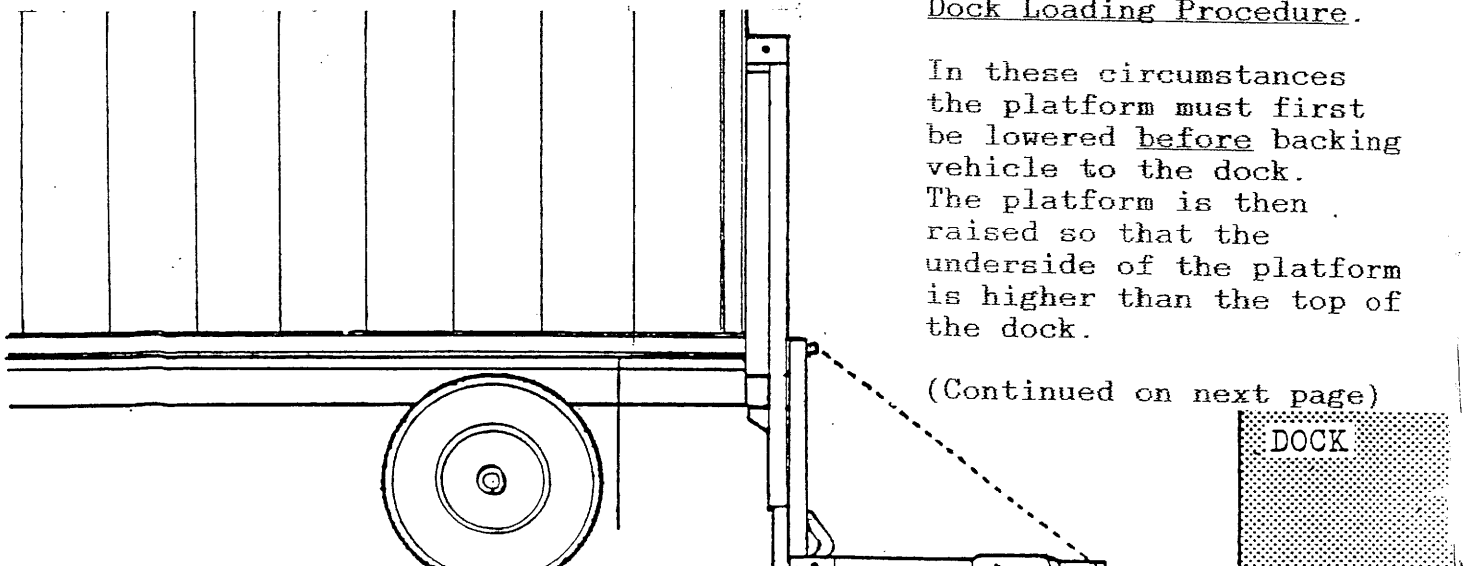
Raise lift to full up position before pulling away from dock.



ALTERNATE Dock Loading Procedure.

In these circumstances the platform must first be lowered before backing vehicle to the dock. The platform is then raised so that the underside of the platform is higher than the top of the dock.

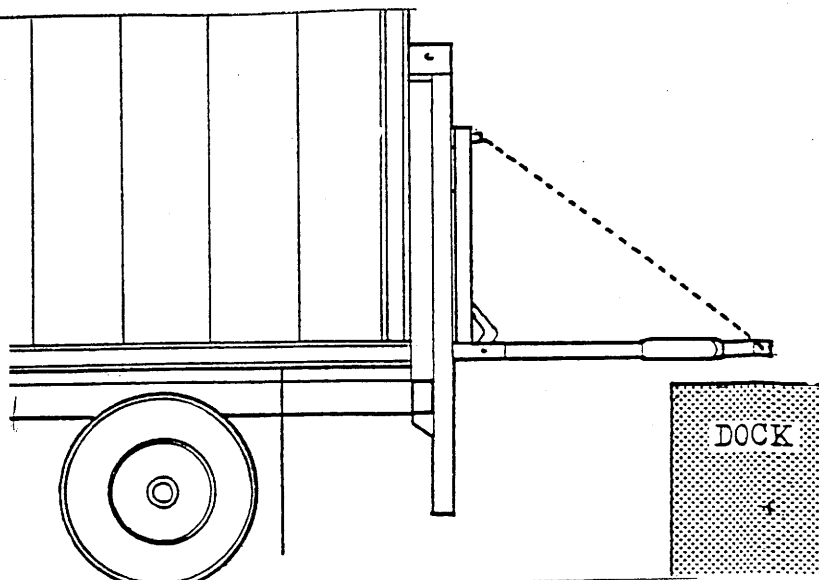
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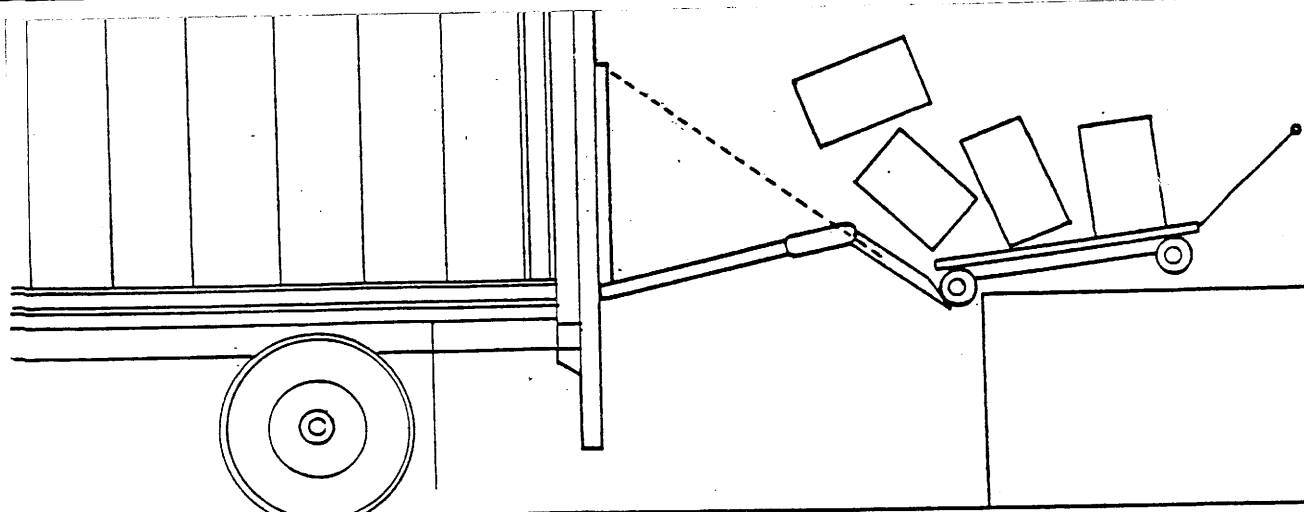
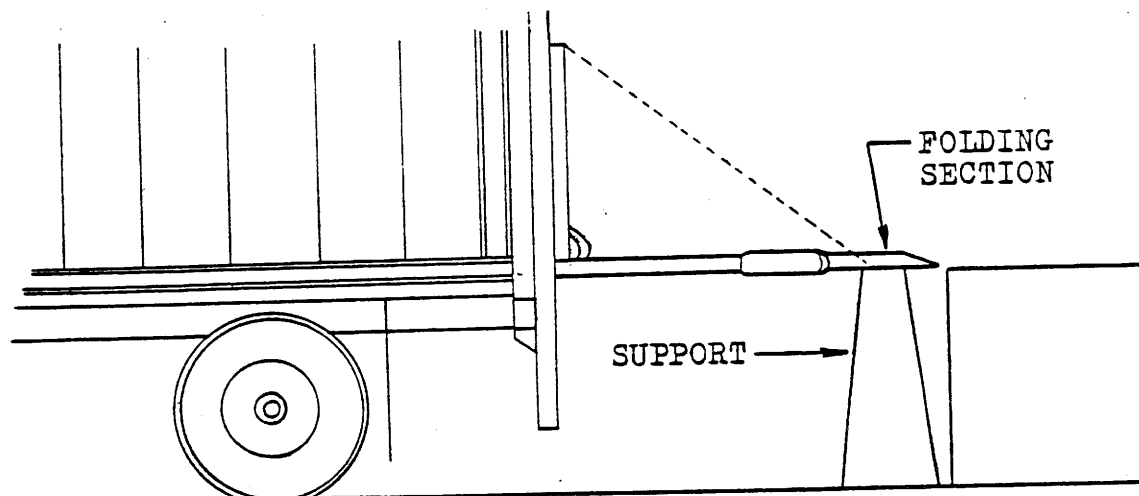
Back vehicles toward the dock until about one foot of platform is over the dock.

Loads can be off loaded from the body to the platform. Using the corner post toggle switch the platform is lowered to the dock.

Loads can be placed on the platform from the dock and then raised, using corner post switch, to the body bed height.

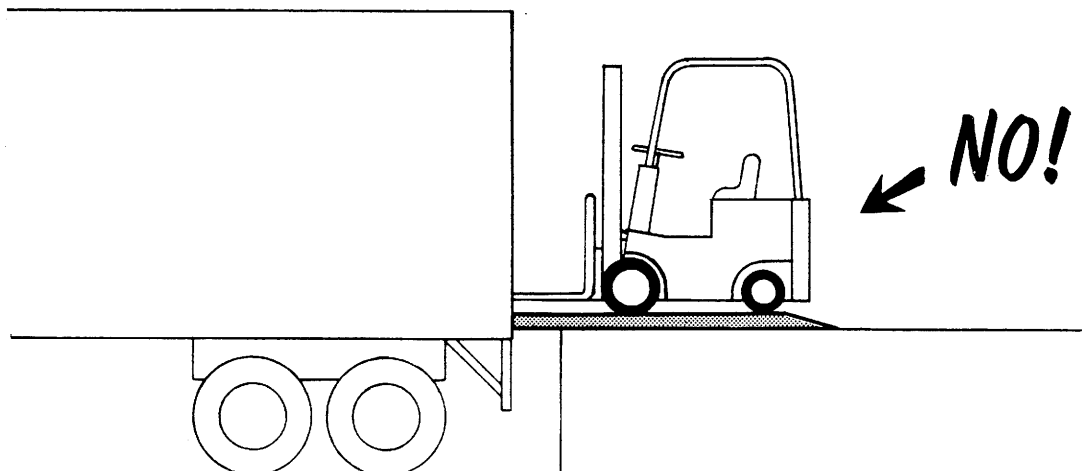
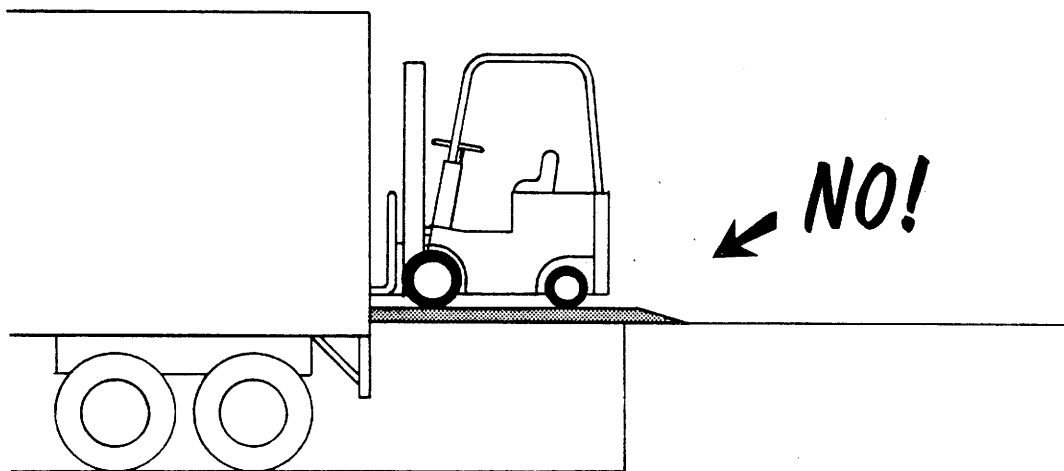
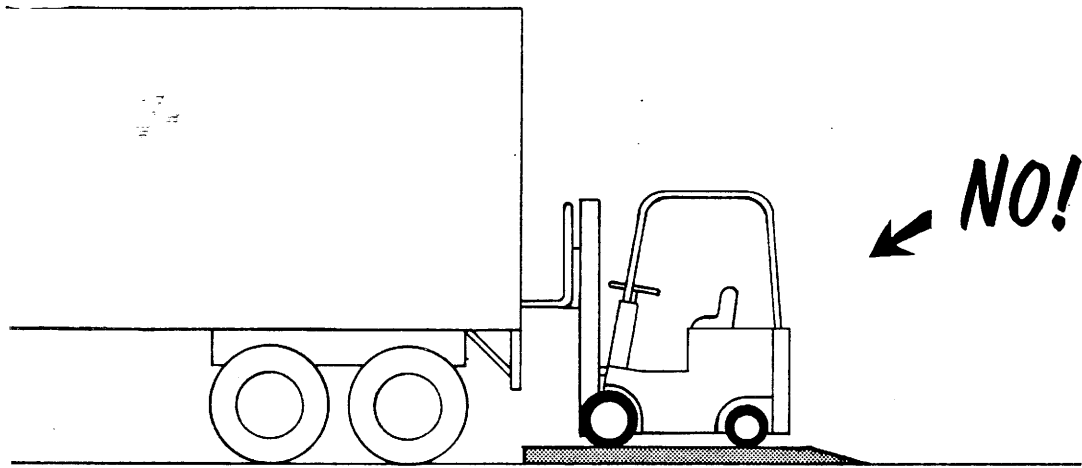


NEVER TRY TO TRANSFER LOADS FROM THE DOCK TO THE FOLDING SECTION OF THE PLATFORM OR FROM THE FOLDING SECTION OF THE PLATFORM TO THE DOCK WITHOUT FIRST PLACING A SUPPORT UNDER THE FOLDING SECTION OF THE PLATFORM, AS SHOWN BELOW. THIS ALSO APPLIES WHEN TRANSFERRING A LOAD FROM ONE VEHICLE TO ANOTHER.



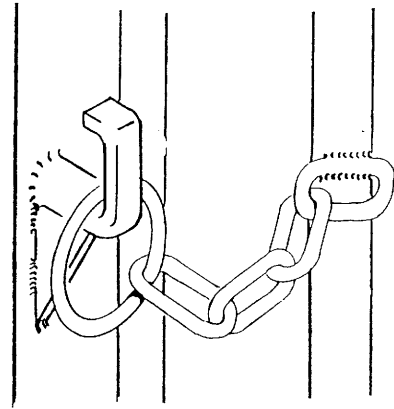
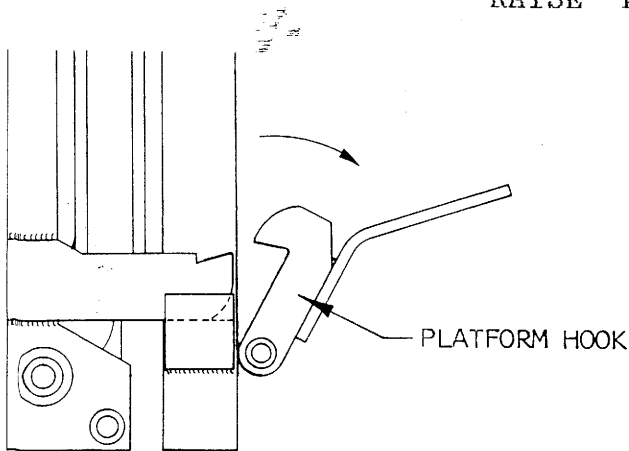
IF A SUPPORT IS NOT USED UNDER THE FOLDING PLATFORM SECTION
"THIS WILL OCCUR"

W A R N I N G! KEEP FORKLIFTS OFF PLATFORM!!!



RCT PLATFORM OPENING PROCEDURES

1. REMOVE PLATFORM RETAINER LOOP FROM PLATFORM.
2. HOLD PLATFORM HOOK OUT OF THE WAY AND PUSH "RAISE" BUTTON TO RAISE PLATFORM.



3. WITH PLATFORM CLEAR OF PLATFORM HOOK, PRESS LOWER TOGGLE SWITCH TO UNFOLD PLATFORM.
4. WHEN PLATFORM IS FULLY OPEN, OPERATE UNIT AS DESCRIBED IN PREVIOUS PAGES.