

M-91-22  
REV. A  
SEPTEMBER 2004

# OPERATOR'S MANUAL

# SL-20 A

# SL-30 A

© MAXON Lift Corp. 2004

**MAXON**<sup>®</sup>  
LIFT CORP.

11921 Slauson Avenue  
Santa Fe Springs, CA 90670

**KEEP THIS MANUAL IN CAB OF VEHICLE**

For a free copy of other manuals that pertain to this model Liftgate, please visit our website at [www.maxonlift.com](http://www.maxonlift.com) or call Customer Service at (800) 227-4116



## **WARNING**

1. Incorrect operation of this Liftgate can result in serious personal injury. Comply with WARNINGS and Liftgate operating instructions in this manual. Do not allow untrained persons to operate the Liftgate. If you need to replace an **Operation Manual**, additional copies are available from:

**MAXON Lift Corp.**  
**11921 Slauson Ave**  
**Santa Fe Springs, CA 90670**  
**(800) 227-4116**

**NOTE:** For latest version Manuals (and replacements), download Manuals from Maxon's website at **[www.maxonlift.com](http://www.maxonlift.com)**.

2. Do not exceed rated load capacity of the Liftgates which is **2000 lbs. for model SL-20 and 3000 lbs. for model SL-30.**
3. Do not allow any part of your body to be placed under, within, or around any portion of the moving Liftgate or its mechanisms, or in a position that would trap them between the platform and the floor of truck body (or between platform and the ground) when Liftgate is operated.
4. Consider the safety and location of bystanders and location of nearby objects when operating the Liftgate. Stand to one side of platform while operating the Liftgate. Be certain that the area the Liftgate will move through during operation is clear of all obstacles.
5. Comply with all attached instruction decals and warning decals.
6. Keep decals clean and legible. If decals are defaced or missing have them replaced. **Get free replacement decals from Maxon.**
7. **Never drive a forklift on the Liftgate Platform.**
8. Do not move vehicle unless Liftgate is correctly stowed.
9. **Correctly stow platform when not in use. Extended platforms could create a hazard for people and vehicles passing by.**
10. A correctly installed Liftgate will operate smoothly and reasonably quiet. The only noticeable noise, during Liftgate operation, is from the Pump Unit while the Platform is raised. Listen for scraping, grating and binding noises and have the problem corrected before continuing to operate the Liftgate.
11. Above all, **USE GOOD COMMON SENSE** when operating this Liftgate.

## DECAL

This decal should be located on the vehicle close to the operating area, curb side.

It should be read completely and understood BEFORE operating this unit.

It should be kept clean and readable at all times.

If the decal should become detached from vehicle or defaced in any way it MUST BE REPLACED.

Free replacements are available from:-

**MAXON Lift Corp.**  
11921 Slauson Ave  
Santa Fe Springs, CA 90670  
(800) 227-4116

## URGENT WARNING ELEVATING GATE INSTRUCTIONS

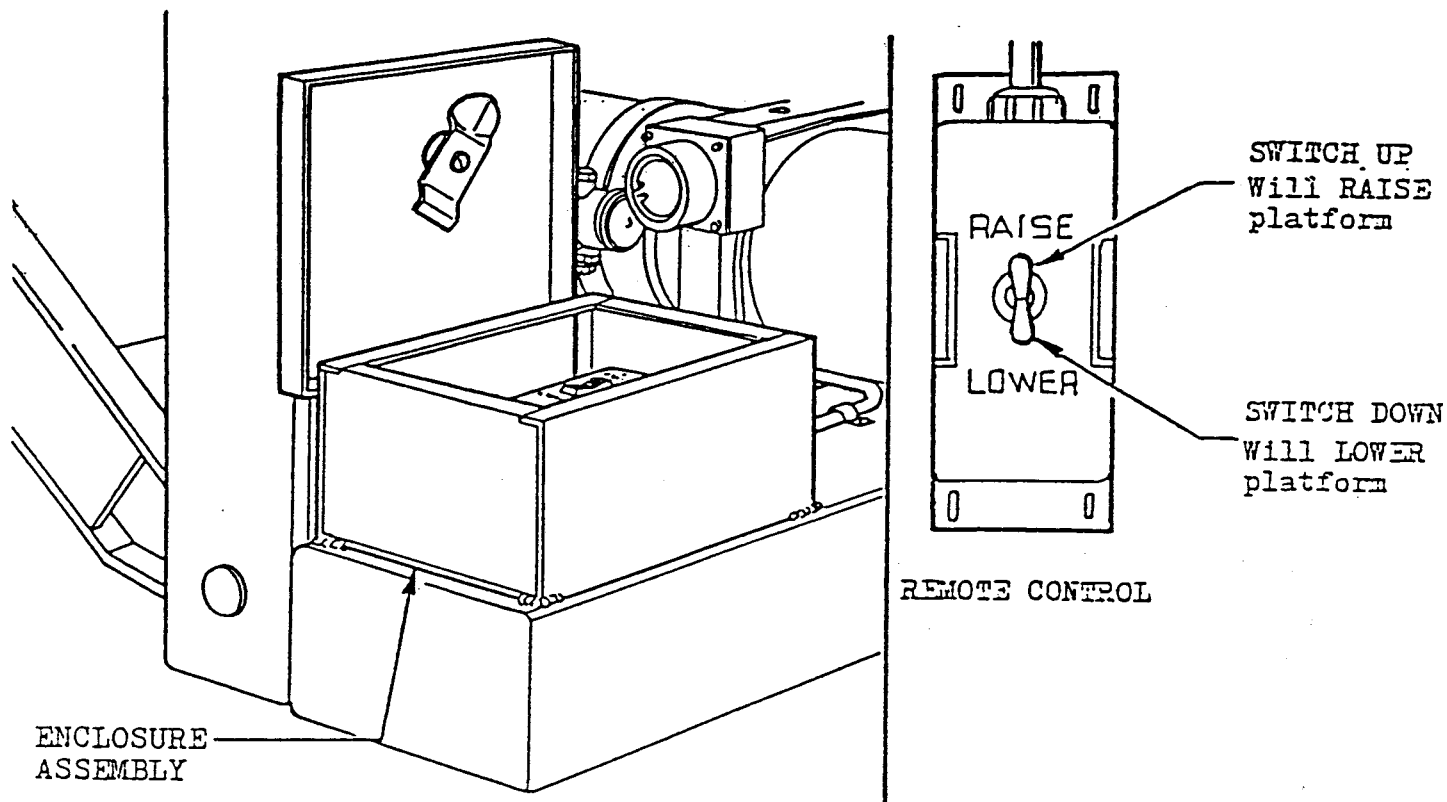
Before Operating Lift. Be Sure You Understand

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 Mfg. 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 system to prevent falling in the event of a failure.

Member, **ELEVATING TAILGATE DIVISION**  
A DIVISION of TRUCK BODY and EQUIPMENT ASSOCIATION, INC

NOTE: ALL OPERATING FEATURES IN THIS MANUAL REFLECT A UNIT WHICH SWINGS COUNTERCLOCKWISE FROM UNDER THE VEHICLE. (FROM THE LEFT TO THE RIGHT). FOR A UNIT WHICH SWINGS OUT CLOCKWISE ALL LOCKING DEVICES AND SWITCH WOULD BE LOCATED AT THE OPPOSITE END OF THE UNIT FROM THAT WHICH IS ILLUSTRATED.

## 1. REMOTE CONTROL CORD SET



The unit is operated by a remote control cord set which is connected to a solenoid switch on the pump motor. The cord set is located inside the enclosure assembly welded to the end of the main frame.

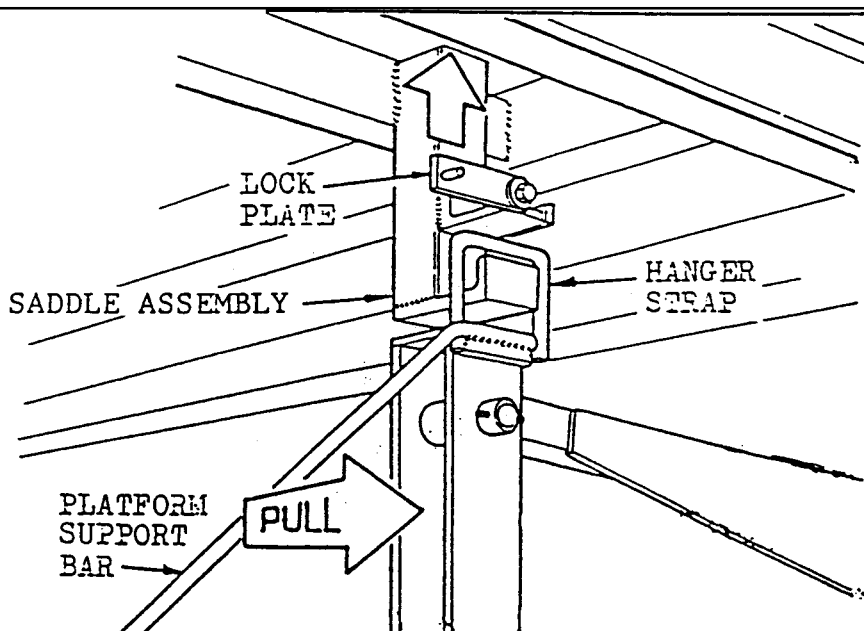
Cord set switch box is clearly marked RAISE and LOWER.

When operating unit the cord set cable must not be allowed to become entangled with any of the moving parts of the unit, otherwise the cable could be cut.

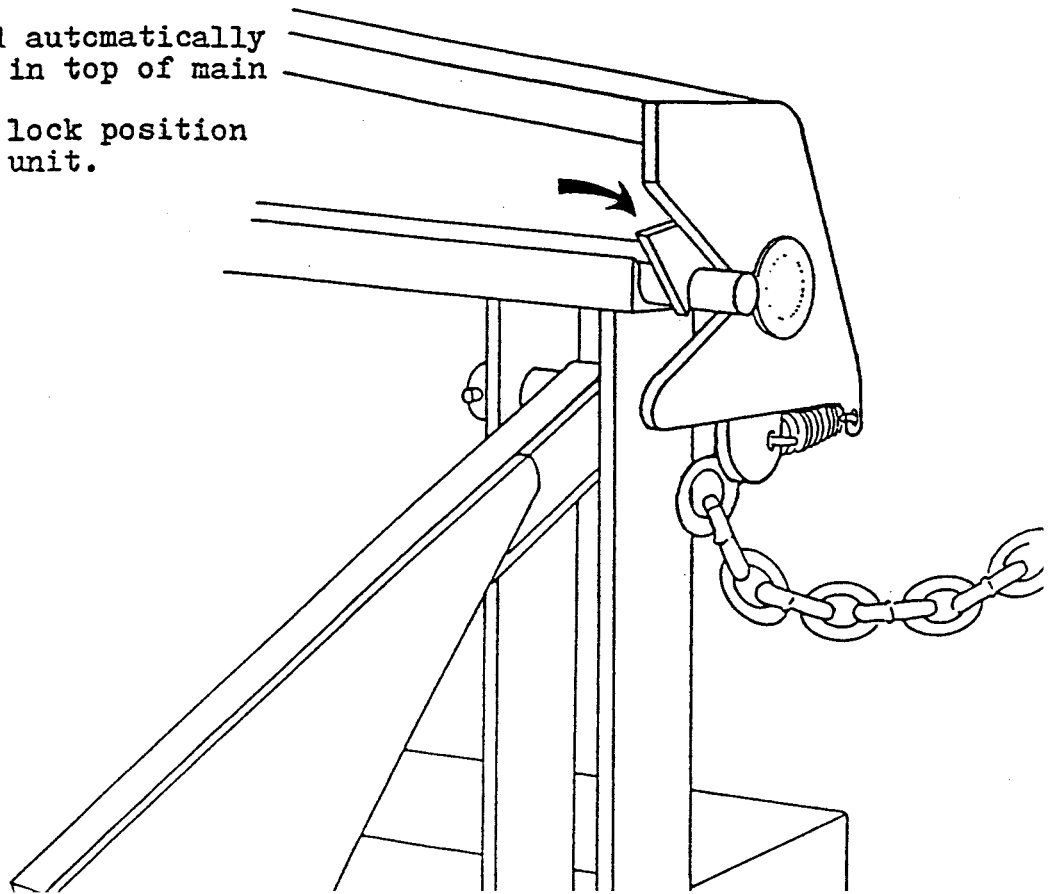
### NOTE:

IF AN EMERGENCY SHOULD OCCUR DURING THE OPERATION OF THE UNIT, THE OPERATION CAN BE STOPPED IMMEDIATELY BY RELEASING THE TOGGLE SWITCH.

2. Raise lock plate and hold open. Depress toggle on remote switch to RAISE position. When hanger strap on shackle will clear the saddle assembly, release toggle. Place remote switch on platform and pull out on platform support bar. When hanger strap clears saddle assembly release lock plate. Pull out on support bar until unit strikes stop channel under vehicle.



3. Latch lock should automatically engage with slot in top of main frame channel. Latch must be in lock position before operating unit.



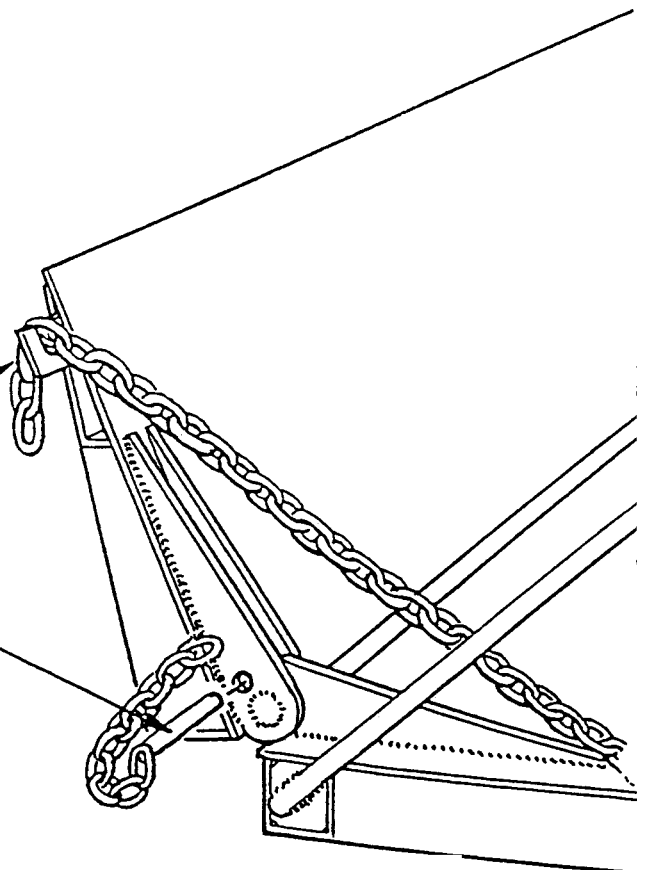
4. If a retention ramp is installed and loading is to take place from vehicle, ramp must be raised and secured at this stage of the operation. Platform can then be raised to vehicle bed by operating remote switch toggle to RAISE position. When platform reaches bed height, release toggle. Continued operation of switch in RAISE position will overload pump motor and cause motor to burn out. Remote switch should now be placed in enclosure.

**WARNING!**

ALWAYS STAND CLEAR OF PLATFORM WHEN OPERATING.

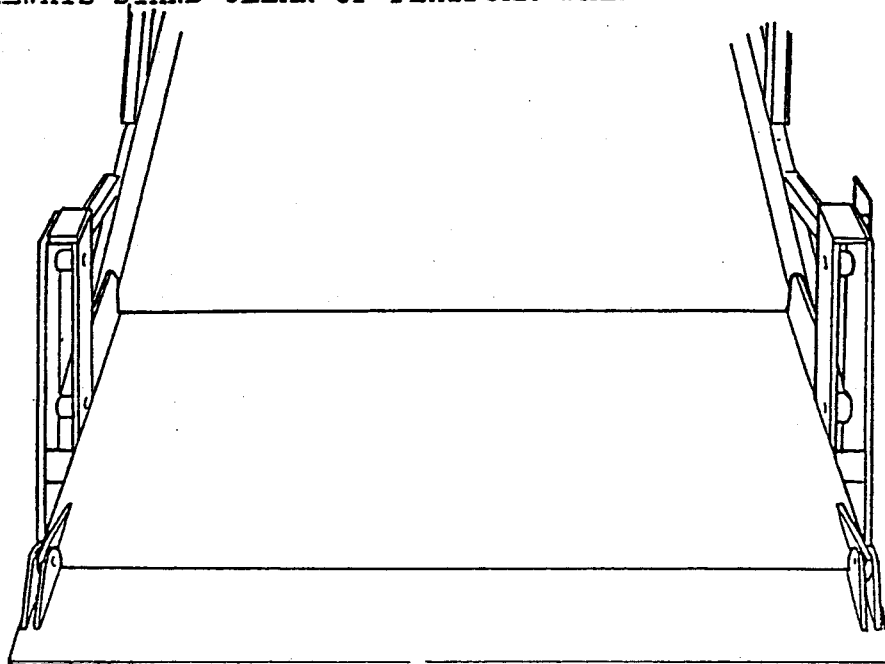
HOOK UP CHAIN TO HASP BOTH SIDES OF UNIT

INSERT LOCK PIN COMPLETELY THRU RAMP BRACKETS BOTH SIDES OF UNIT



5. If loading is to take place from the ground, remote switch toggle should be operated to LOWER position. When platform touches ground, release toggle.  
If retention ramp is installed, lower ramp to ground. Remote switch should now be placed in enclosure.

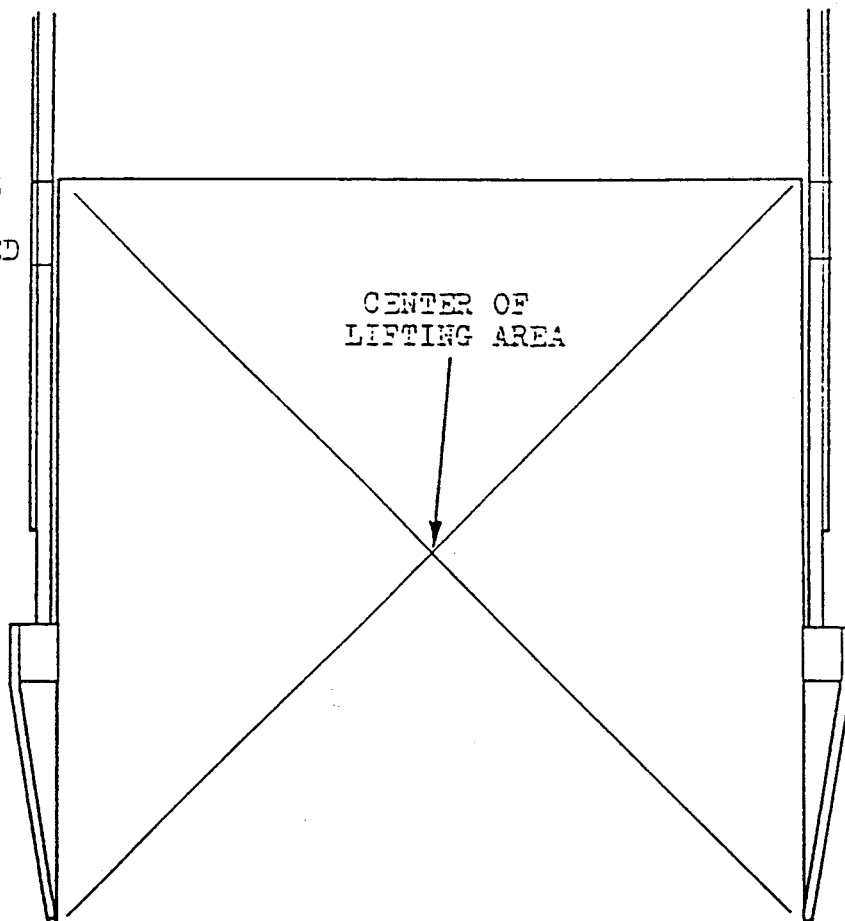
**WARNING! ALWAYS STAND CLEAR OF PLATFORM WHEN OPERATING.**



6. ALL loads must be placed centrally on lifting area. NO PART OF ANY LOAD should be allowed to extend over the edges of lifting area. DO NOT PLACE UNSTABLE LOADS ON LIFTING AREA. DO NOT ALLOW LOADS TO EXCEED RATED CAPACITY OF UNIT.  
SL-20B(2000 lbs).  
SL-30B(3000 lbs).  
These loads to be evenly distributed.

UNDER NO CIRCUMSTANCES IS ANY LOAD TO BE CARRIED BY A RETENTION RAMP.

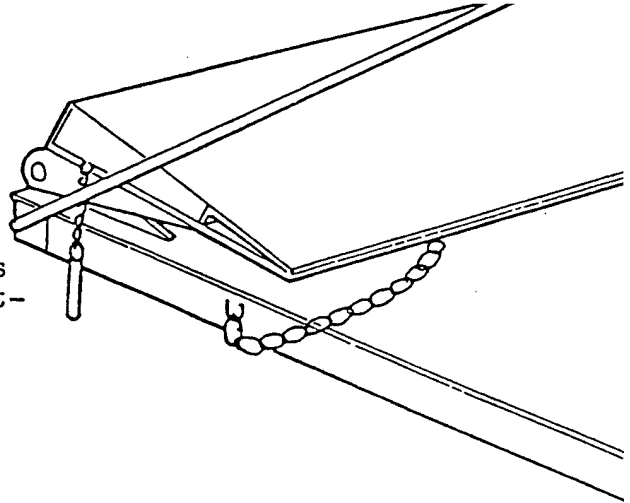
Before lifting load check that there are no people close to lift, especially children. Accidents can occur when unstable loads topple off lifting area when people are in close proximity to lifting operation.



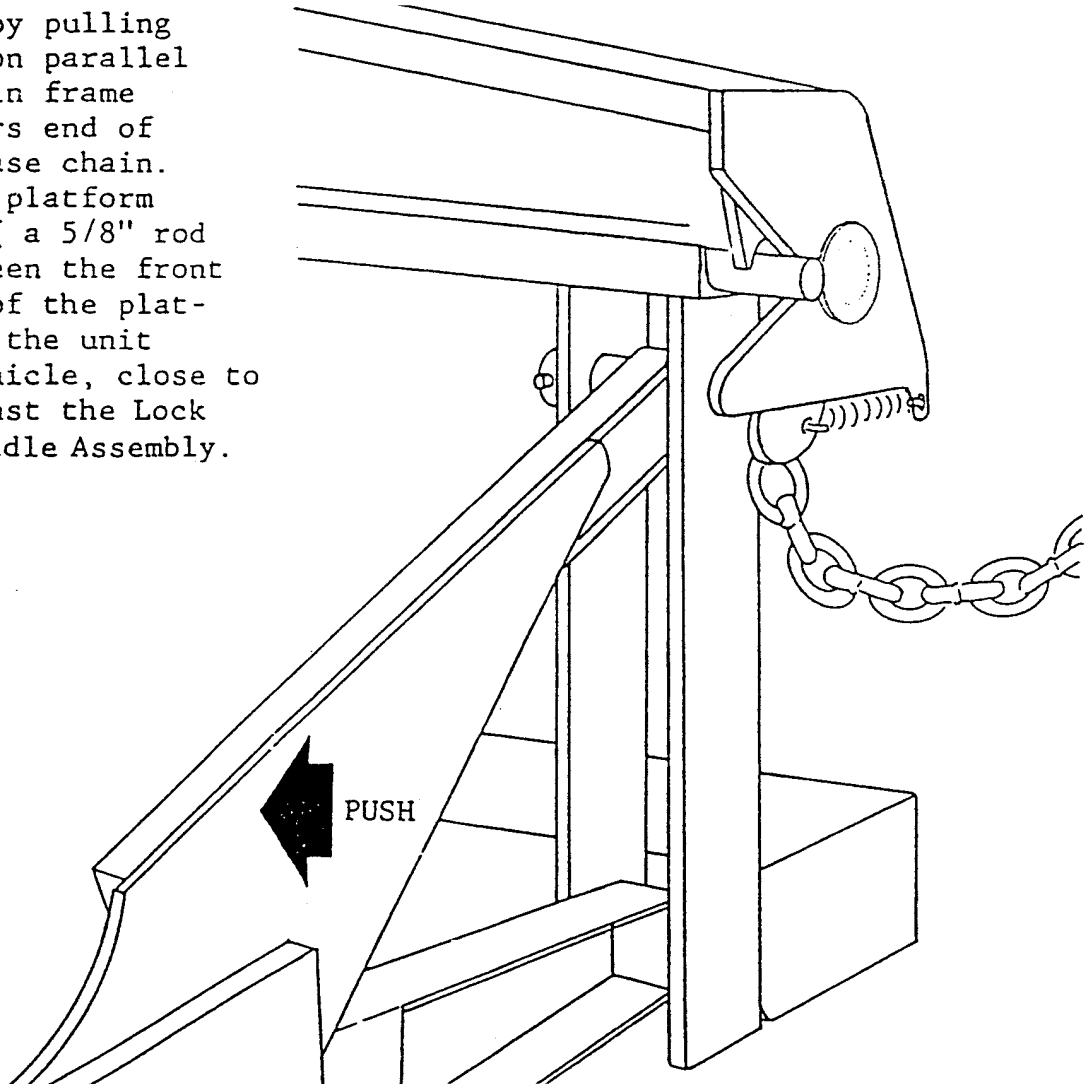
7. If load is being lifted from ground to bed height, retention ramp should be raised and locked as in Step 4. Platform can now be raised by operating switch toggle to RAISE position. When platform reaches bed height release toggle. If load is being lowered from bed height to ground, operate switch toggle to LOWER position. When platform touches ground release toggle. Place switch in enclosure. Lower retention ramp if used.

**WARNING! ALWAYS STAND CLEAR OF PLATFORM WHEN OPERATING.**

8. When operations are complete and unit is to be swung in under vehicle, platform is raised or lowered (whichever is applicable) by using remote switch. When platform is about 2 to 3 feet off ground release switch toggle. If retention ramp is locked in UP position, remove chains from hasps and lay chains across platform. Remove lock pins from ramp hinges and lower ramp to platform. Front edge of ramp should rest on chains.

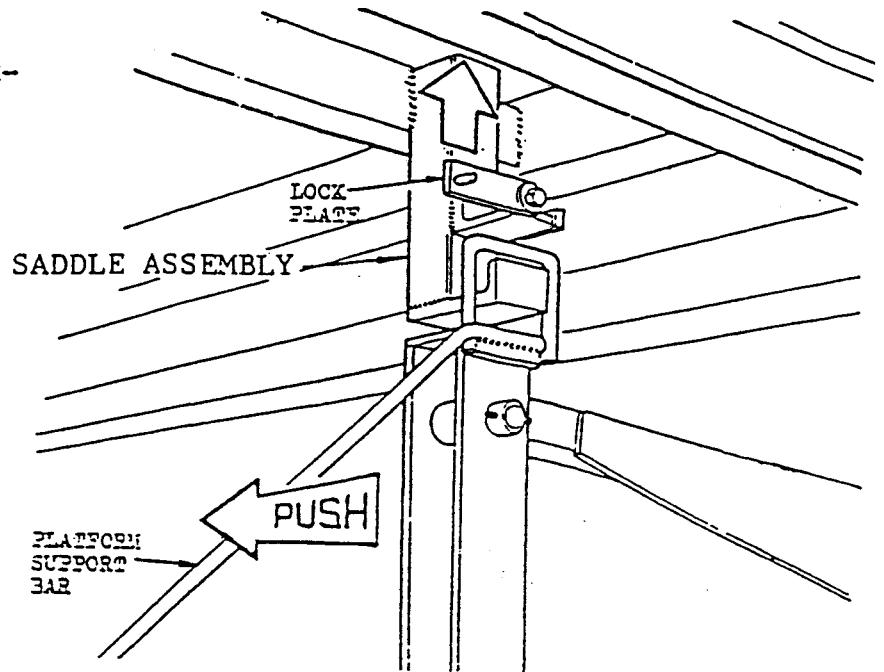


9. Raise latch by pulling chain. PUSH on parallel arm until main frame channel clears end of latch. Release chain. Grasping the platform support bar ( a 5/8" rod located between the front and the top of the platform ) PUSH the unit under the vehicle, close to but not against the Lock Plate and Saddle Assembly.





10. Raise lock plate on saddle assembly and hold. Operate toggle switch to RAISE position. When hanger strap on shackle will pass into saddle assembly, release toggle. PUSH platform support bar until hanger strap is inside saddle assembly. CAUTION! KEEP FINGERS OUT OF WAY OF HANGER STRAP. Release lock plate. Using toggle switch LOWER hanger strap into saddle assembly.



11. WARNING!

SAFETY CHAIN

Safety chain is welded to support channel or cross member at one end. Other end is secured around Lift Frame Arm as shown. Vehicle can now be moved.

