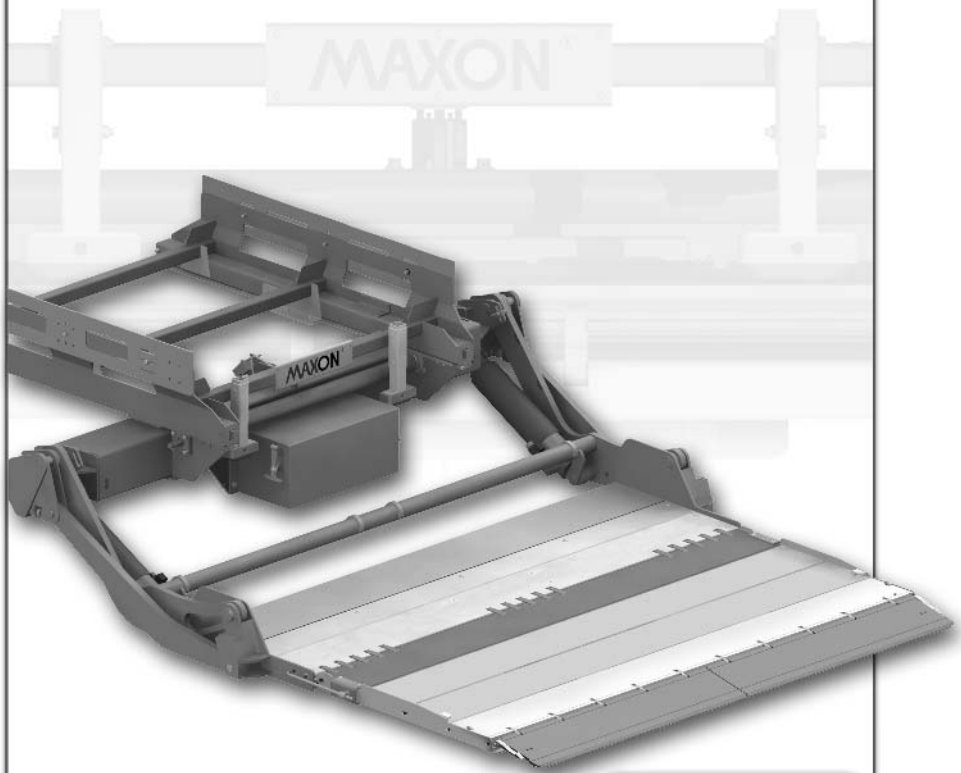


M-08-13  
DECEMBER 2008



# GPSLR

## OPERATION MANUAL



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**KEEP THIS MANUAL IN CAB OF VEHICLE**

For a free copy of the 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



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## **WARNING**

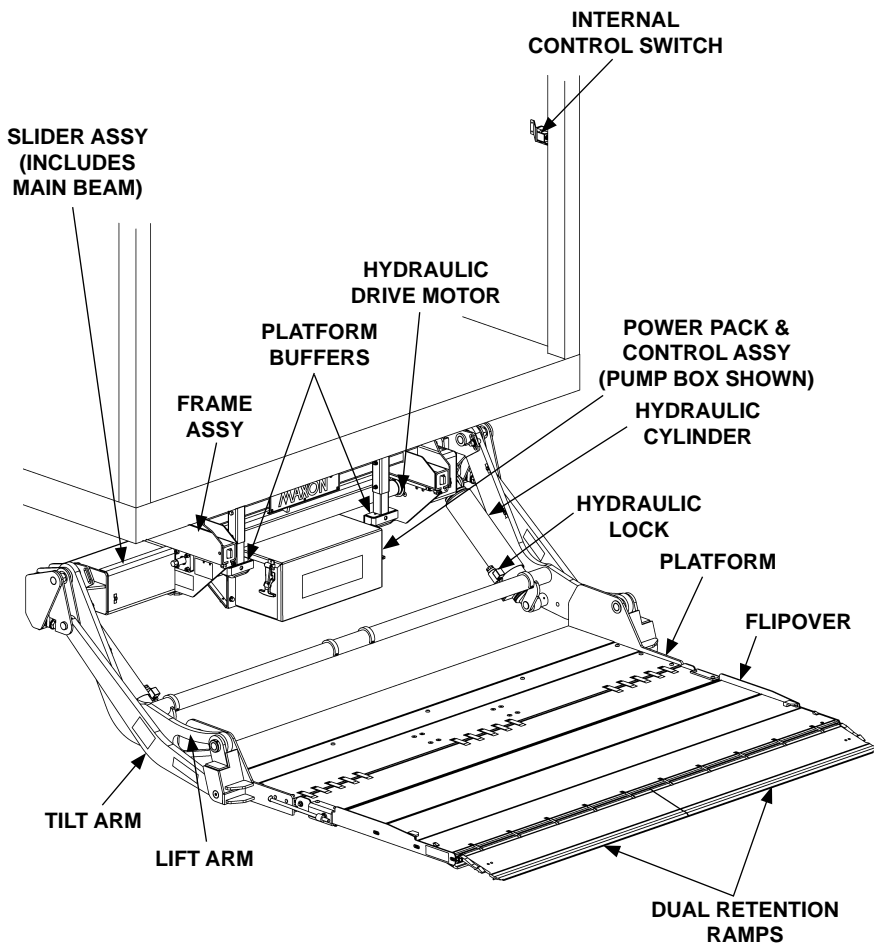
1. Incorrect operation of this Liftgate can result in serious personal injury. Comply with **WARNINGS** and Liftgate operating instructions in this manual. Do not allow untrained persons to operate the Liftgate. If you need to replace an **Operation Manual**, additional copies are available from:

**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 Liftgate, which is **3300 lbs. for the GPSLR-3**.
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 operating.
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 illegible 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 power 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 the Liftgate.
12. Never use a cell phone while operating the Liftgate.

# LIFTGATE TERMINOLOGY



# RECOMMENDED DAILY OPERATION CHECKS

**NOTE:** Before you check the Liftgate, park vehicle on flat ground and set the parking brake.

**NOTE:** If any of the following operation checks reveal a need to service or repair Liftgate, do not operate the Liftgate until a qualified mechanic services or repairs the Liftgate.

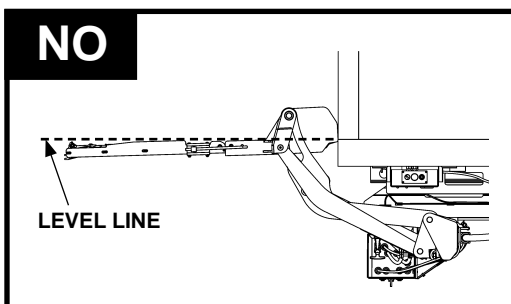
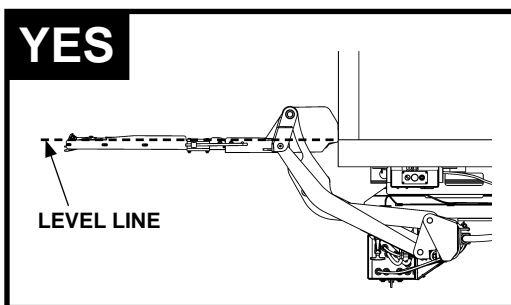
## Before operating the Liftgate, the operator should do the following:

- ☐ Make sure battery is fully charged and battery terminal connections are clean and tight.
- ☐ Make sure cab cutoff switch is **ON**, if equipped.
- ☐ Visually check that pump cover is latched closed securely and undamaged. Look for hydraulic fluid leaking from the pump box.
- ☐ Visually check that control switch is in place and undamaged.
- ☐ Visually check that hydraulic locks are in place and undamaged.
- ☐ Visually check that all decals are in place (see **DECAL** pages). Also make sure decals are clean, legible, and undamaged.

## Use the operation instructions in this manual to lower the Liftgate to the ground and open the platform and flipover.

- ☐ Check slider assembly, frame assembly, lift arms, and tilt arms for cracks and bends. Also, make sure all bolts, nuts and pins are in place and undamaged.
- ☐ Make sure slider assembly, frame assembly, lift arms, and tilt arms are clean (no oil, debris, or corrosion).
- ☐ Check the hydraulic cylinders for leaking seals and hose connections. Follow the hydraulic hoses (or return lines for gravity down Liftgates) from the cylinders to pump box. Make sure all hoses are connected at both ends and there are no cracks, chafing, and fluid leaks.

- ☐ With the platform unfolded and raised to bed level, check if the platform is level (**YES illustration**). If the platform looks like the **YES illustration**, you can operate Liftgate. If the platform is below level line and platform looks like the **NO illustration**, do not operate the Liftgate. (See **NOTE** at beginning of the **DAILY OPERATION CHECKS**.)



- ☐ Check the platform and flipover for cracks, holes, and bends on the load-carrying surface and side plates. Also, make sure torsion bars, coil springs, and fasteners are in place and undamaged.
- ☐ Make sure platform and flipover load-carrying surfaces are clean (no oil, debris, or corrosion).

**Use the operation instructions in this manual to operate the Liftgate through one cycle without a load on the platform. Raise the platform to vehicle bed height. Next, lower the platform to ground level.**

- ☐ When the Liftgate is moving, listen for unusual noises and look for a “jerking” motion or uneven movement on either side of the platform.

**If service or repairs are not required (or if completed), stow the Liftgate.**

# DECALS

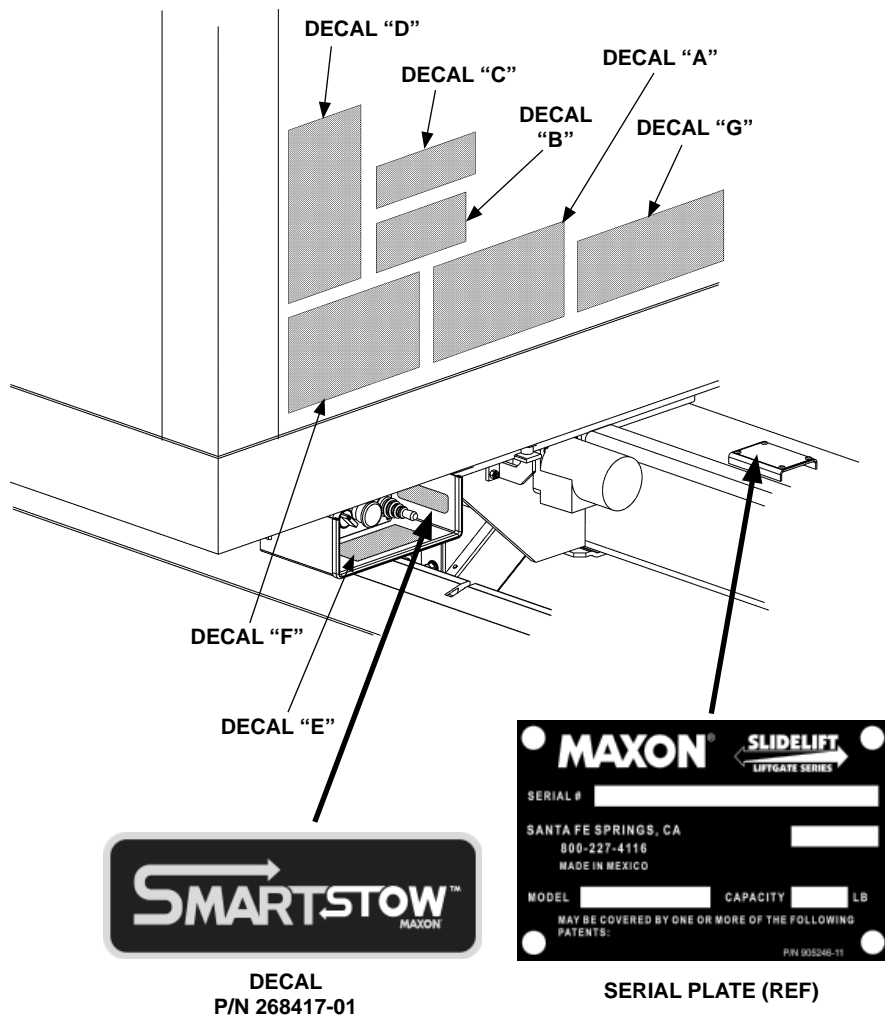


FIG. 8-1

## SAFETY INSTRUCTIONS

Read all decals and operation manual before operating liftgate.

1. Do not use liftgate unless you have been properly instructed and have read, and are familiar with, the operating instructions.
2. Be certain vehicle is properly and securely braked before using the liftgate.
3. Always inspect this liftgate for maintenance or damage before using it. Do not use liftgate if it shows any sign of damage or improper maintenance.
4. Do not overload
5. Make certain the area in which the platform will open and close is clear before opening or closing the platform.
6. Make certain platform area, including the area in which loads may fall from platform, is clear before and at all times during operation of liftgate.
7. This liftgate is intended for loading and unloading of cargo only. Do not use this liftgate for anything but its intended use.

PIN 267431-01 **A**

## WARNING

Read this information carefully.

- Improper operation of this Liftgate can result in serious personal injury. If you do not have a copy of the operating instructions, please obtain them from your employer, distributor, or lessor before you attempt to operate Liftgate.
- If there are signs of improper maintenance, damage to vital parts, or slippery platform surface, do not use the Liftgate until these problems have been corrected.
- If you are using a pallet jack, be sure it can be maneuvered safely.
- Do not operate a forklift on the platform.
- Do not allow any part of yours or your helper's 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 ground or truck when the Liftgate is operated.
- If a helper is riding the platform with you, make sure you are both doing so safely and that you are not in danger of coming in contact with any moving or potentially moving obstacles.
- **USE GOOD COMMON SENSE.**
- If load appears to be unsafe, do not lift or lower it.

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.

PIN 267431-01 **F**



**WARNING**


Liftgate hazards can result in crushing or falling.

Keep hands and feet clear of pinch points.


If riding liftgate, make sure load is stable and footing is solid.

PIN 267431-01 **G**

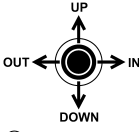
Read and understand all instructions and WARNINGS before use.



2 Enable operation



1 Pull for power on



3 Move platform

PIN 267431-01 **E**

**THE MAXIMUM CAPACITY OF THIS LIFT IS**

**3300 POUNDS**

**WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM**









PIN 267431-01 **B**

**CAUTION**

Always stand clear of platform area.

PIN 267431-01 **C**

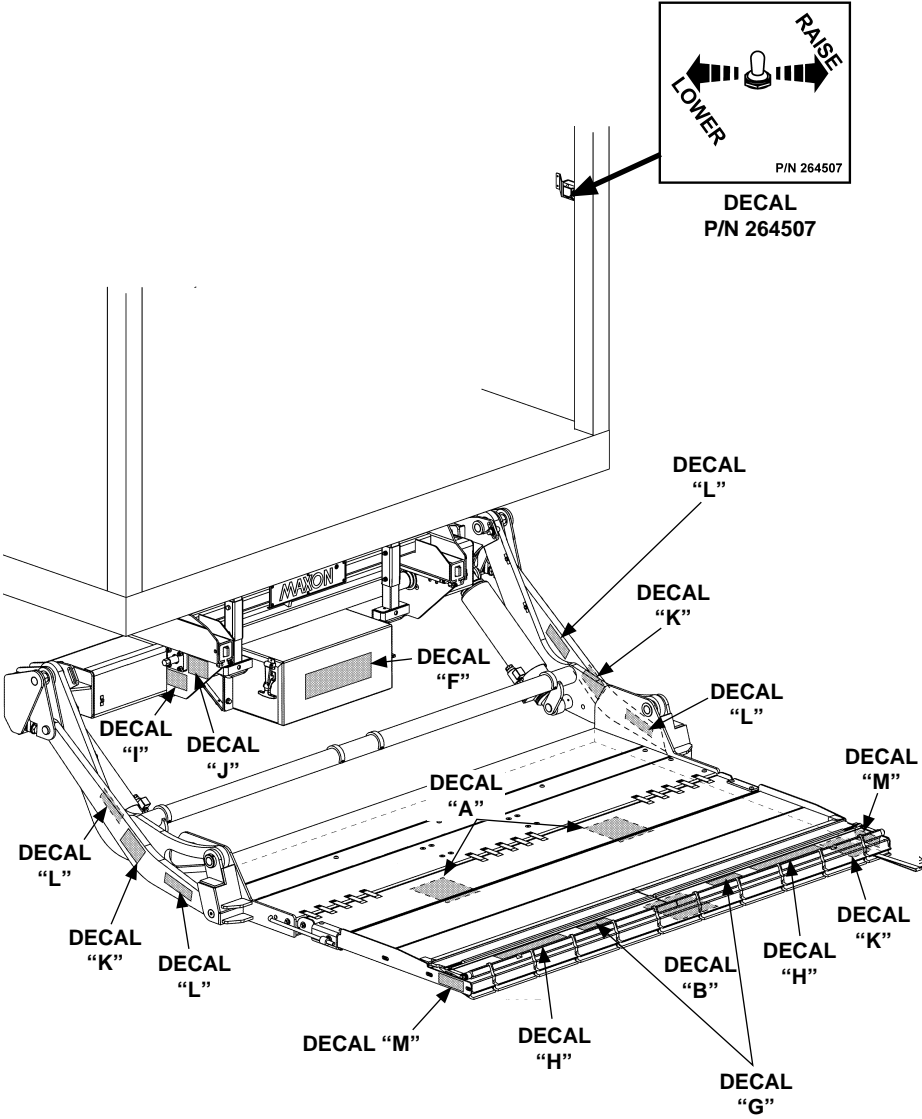
**OPERATING INSTRUCTIONS**

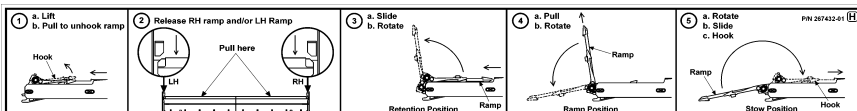
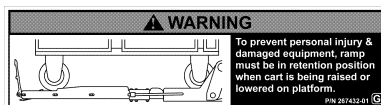
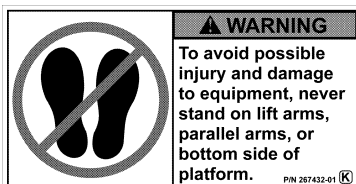
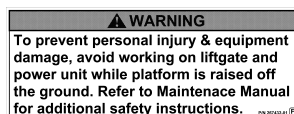
- 1  Power On
- 2  Side Out To Unstow
- 3  Manually unfold using strap.
- 4  Raise
- 5  Lower
- 6  Manually fold using strap.
- 7  Side In To Stow
- 8  Power Off

PIN 267431-01 **D**

**DECAL SHEET**  
**FIG. 9-1**

# DECALS - Continued





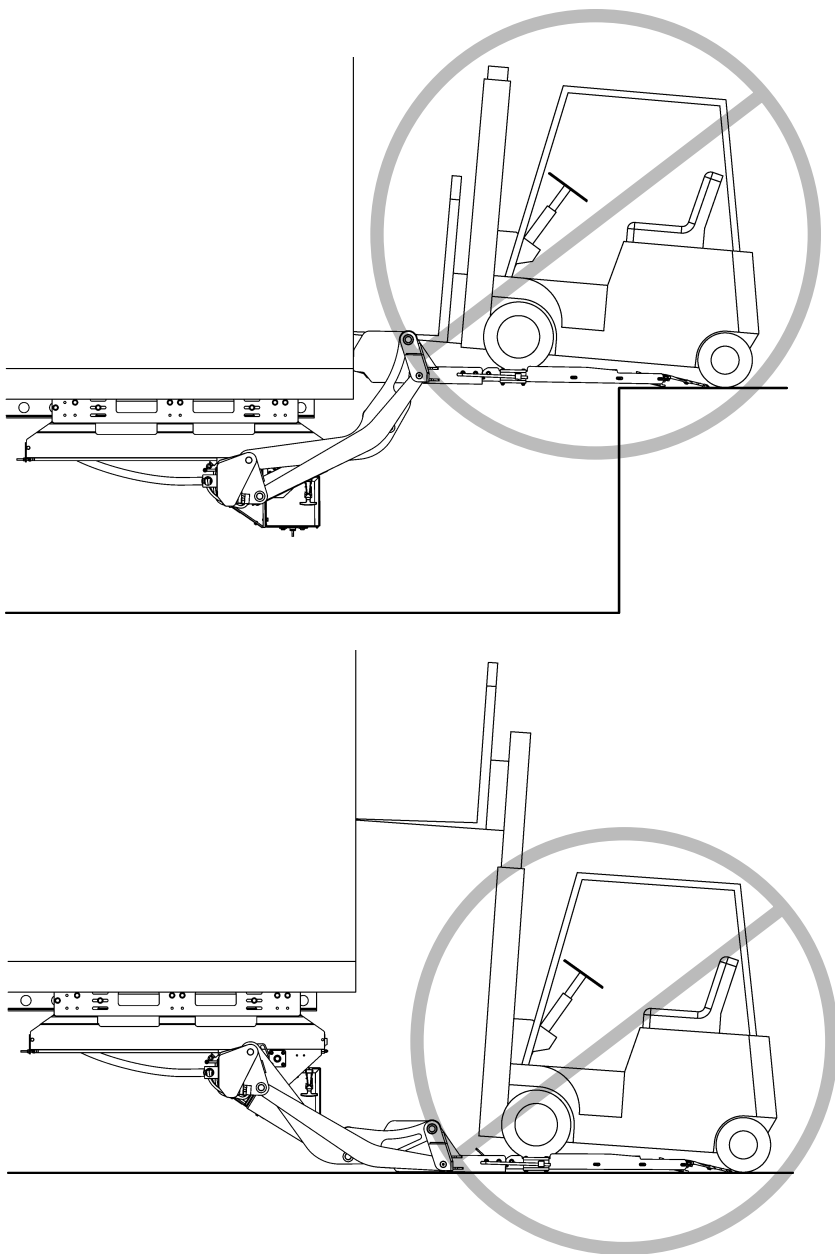
**DECAL SHEET 267432-01**  
**FIG. 11-1**

## FORKLIFT ADVISORY



**WARNING**

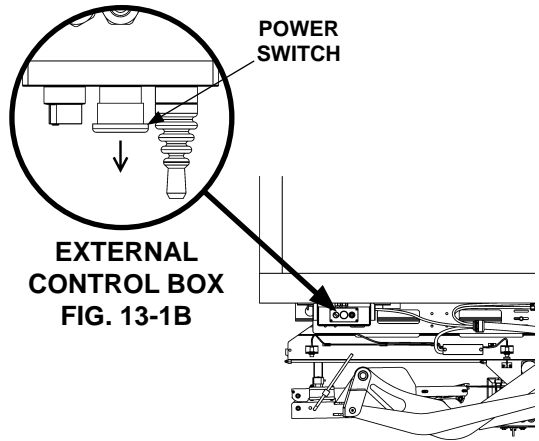
**Keep forklift OFF of platform.**



**FIG. 12-1**

# OPERATION

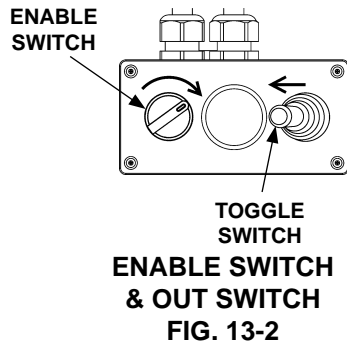
1. Pull the external power switch to turn on power for the controls (**FIGS. 13-1A and 13-1B**).



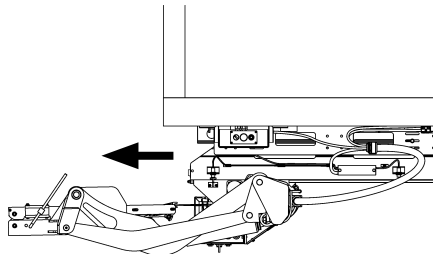
**NOTE:** The external control box requires 2-hand operation. To operate the toggle switch, the Enable switch must be held in the on position.

**NOTE:** If necessary, release the toggle switch to stop the platform from moving.

## TURNING ON POWER WITH EXTERNAL SWITCH FIG. 13-1A



2. Move the platform all the way out as follows. Hold the **Enable operation** switch in the on position (**FIG. 13-2**). Then, hold the external toggle switch in the **OUT** position until the platform slides all the way out (**FIG. 13-3**).

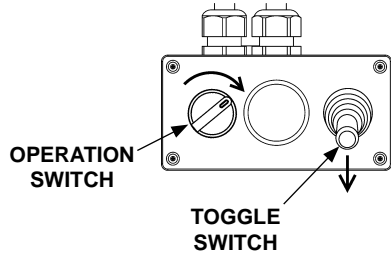


## PLATFORM OUT FIG. 13-3

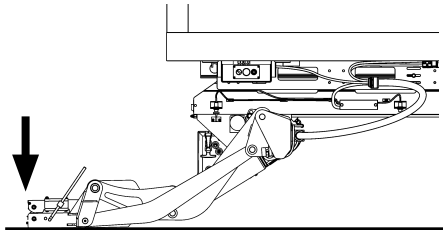
## OPERATION - Continued

**NOTE:** If necessary, release the toggle switch to stop the platform from moving.

3. Lower the platform to the ground as follows. Hold the **Enable operation** switch in the on position (**FIG. 14-1**). Then, hold the external toggle switch in the **DOWN** position until the shackles touch the ground (**FIG. 14-2**).



**ENABLE SWITCH & DOWN SWITCH**  
**FIG. 14-1**

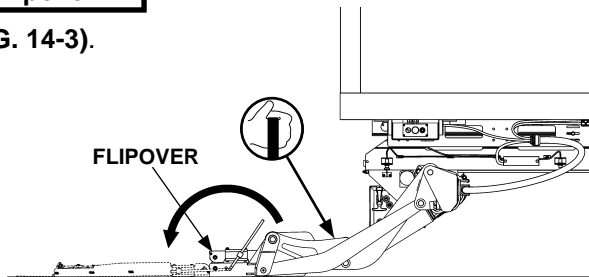


**PLATFORM LOWERED TO GROUND**  
**FIG. 14-2**

### **WARNING**

**Never operate control switch while unfolding the flipover.**

4. Unfold the flipover (**FIG. 14-3**).



**FLIPOVER UNFOLDED**  
**FIG.14-3**

## **WARNING**

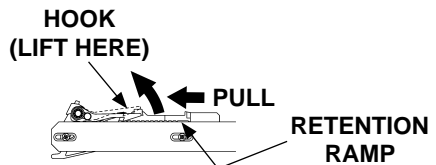
To prevent personal injury & damaged equipment, ramp must be in retention position when cart is being raised or lowered on platform.

## **CAUTION**

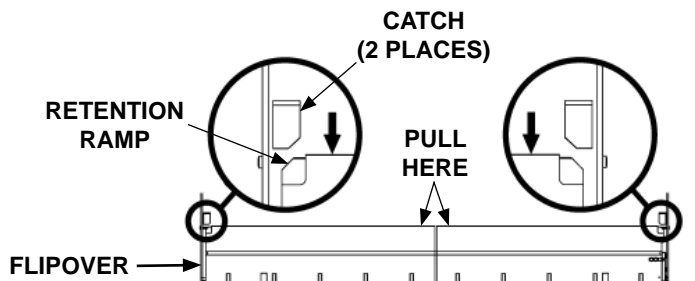
To prevent injuries caused by tripping and falling, make sure retention ramps are in the ramp position before walking on and off outboard end of platform.

**NOTE:** To unhook the retention ramp, stand at the RH side of flipover. After the retention ramp is unhooked, the recommended place for handling the retention ramp is at the center of the free edge (FIG. 15-2).

5. Unhook retention ramp (FIG. 15-1). To release from the catches, pull retention ramp toward outboard end of flipover as shown in FIG. 15-2.



**UNHOOKING RETENTION RAMP  
(RH VIEW OF FLIPOVER)  
FIG. 15-1**

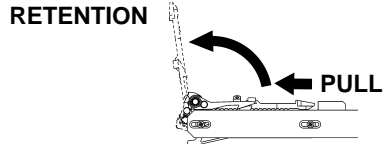


**RELEASING RETENTION RAMP  
(TOP VIEW OF FLIPOVER)  
FIG. 15-2**

## OPERATION - Continued

### CAUTION

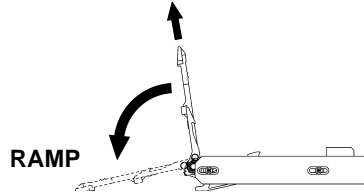
To prevent injuries, stay clear of the retention ramp path as it is moved to ramp position. Go to either side of the ramp and stay out of the way.



MOVING TO RETENTION POSITION  
(RH VIEW OF FLIPOVER)

FIG. 16-1

6. Continue to pull retention ramp to the retention position (FIG. 16-1) and then to ramp position (FIG. 16-2).



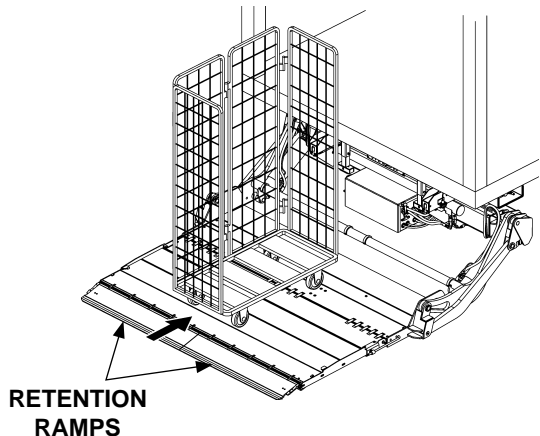
MOVING TO RAMP POSITION  
(RH VIEW OF FLIPOVER)

FIG. 16-2

### WARNING

A load should never extend past the edges of the platform. Do not place unstable loads on platform and do not allow load to exceed the lifting capacity of the Liftgate. If standing on platform, do not allow your feet to extend beyond the inboard edge of the platform.

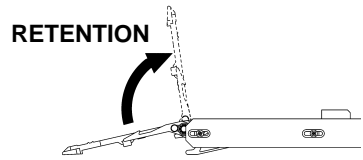
7. Load the platform at ground level as follows. Make sure retention ramps are in the ramp position (FIG. 16-3). Next, move carts on the platform as shown in FIG. 16-3. If platform is equipped with cart dishes, ensure the rear wheels of each cart are seated in the dishes.



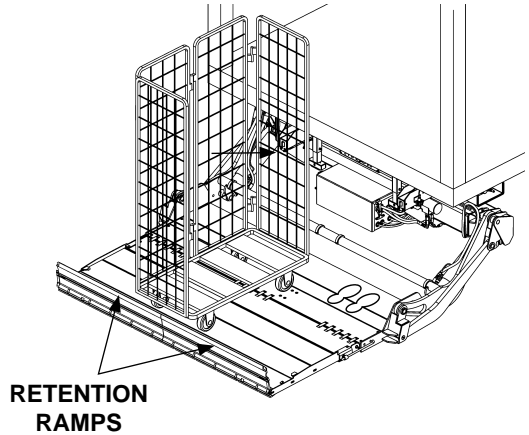
LOADING PLATFORM AT GROUND  
LEVEL (RAMP POSITION)

FIG. 16-3

8. When carts are on the platform, place the retention ramps in the retention position (**FIG. 17-1**). Then, stand in the footprint area shown in **FIG. 17-2**.



**ROTATING TO RETENTION POSITION  
(RH VIEW OF FLIPOVER)  
FIG. 17-1**

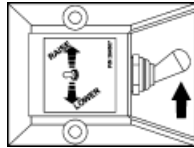


**LOADED PLATFORM  
FIG. 17-2**

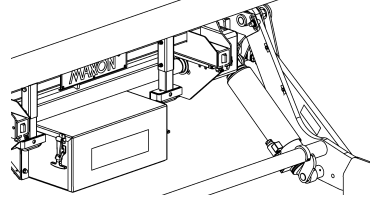
## OPERATION - Continued

**NOTE:** If necessary, release the toggle switch to stop the platform from moving.

9. Raise the platform to bed level as follows. Hold the internal toggle switch in the **UP** position (**FIG. 18-1B**) until the platform reaches bed level (**FIG. 18-2**).

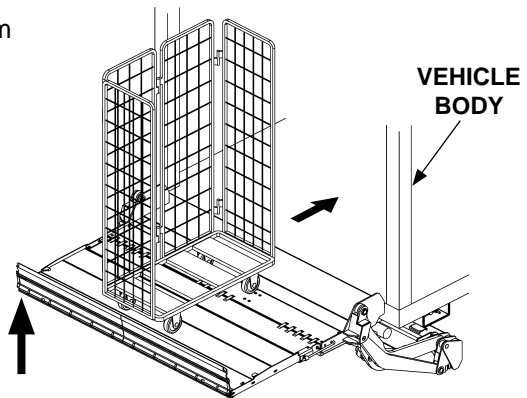


**INTERNAL  
TOGGLE SWITCH  
FIG. 18-1B**



**INTERNAL TOGGLE SWITCH  
FIG. 18-1A**

10. Move carts from the platform to inside the vehicle body (**FIG. 18-2**).

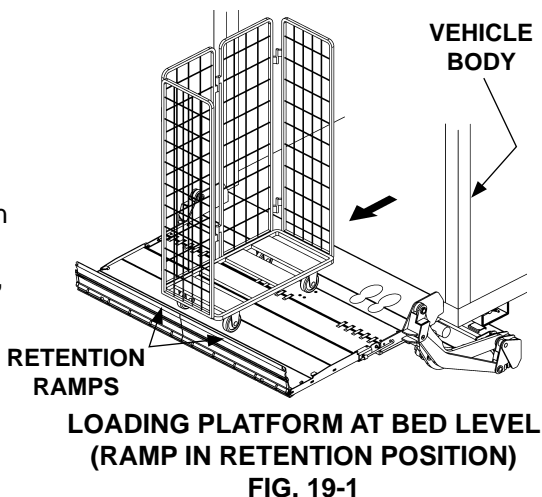


**PLATFORM RAISED TO BED LEVEL  
FIG. 18-2**

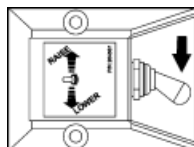
## **WARNING**

**Pulling the load from vehicle to platform can result in a fall from platform and serious injury. When unloading vehicle, always push the load out on the platform.**

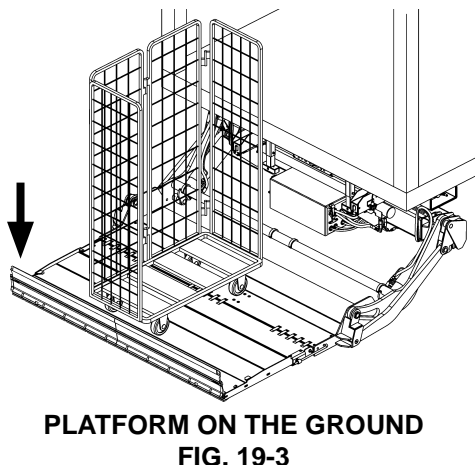
11. Load the platform at bed level as follows. Make sure retention ramps are in the retention position (**FIG. 19-1**). Then, push carts out of the vehicle body to correct position on the platform. If platform is equipped with cart dishes, ensure the rear wheels of each cart are seated in the dishes. If standing on platform with the carts, stand in the footprint area shown and comply with **WARNING** on page 16.



**NOTE:** If necessary, release the toggle switch to stop the platform from moving.

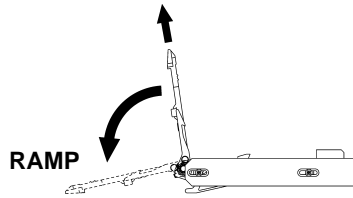


12. Lower the platform to ground level as follows. Hold the internal toggle switch in the **DOWN** position (**FIG. 19-2**) until platform is sitting on the ground (**FIG. 19-3**).



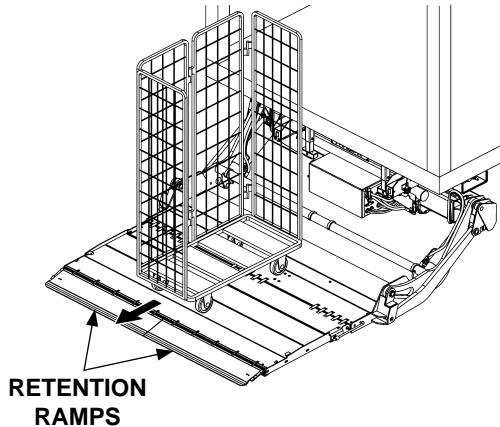
## OPERATION - Continued

13. Unload the platform at ground level as follows. Reposition retention ramps to the ramp position (**FIG. 20-1**). Then, move cart off the platform as shown in **FIG. 20-2**.



**ROTATING TO RAMP POSITION  
(RH VIEW OF FLIPOVER)**

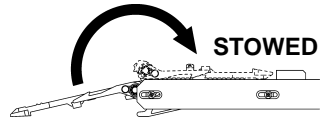
**FIG. 20-1**



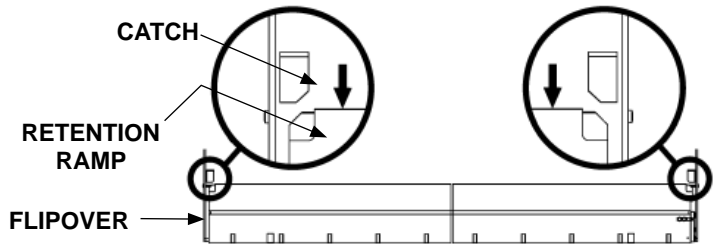
**UNLOADING PLATFORM AT  
GROUND LEVEL (RAMP POSITION)**

**FIG. 20-2**

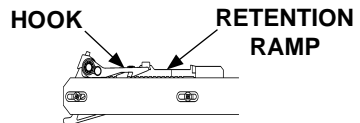
14. To stow ramps, rotate each retention ramp to the flat position as shown in **FIG. 21-1**. Push the retention ramps fully into the catches (**FIG. 21-2**). Then, make sure retention ramps are hooked to the flipover (**FIG. 21-3**).



**ROTATING RAMP TO STOWED POSITION (RH VIEW OF FLIPOVER)**  
**FIG. 21-1**



**STOWING THE RAMP  
(TOP VIEW OF FLIPOVER)**  
**FIG. 21-2**



**RAMP HOOKED TO FLIPOVER  
(RH VIEW OF FLIPOVER)**  
**FIG. 21-3**

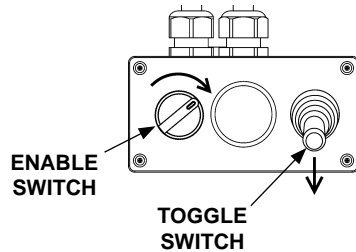
## OPERATION - Continued

### WARNING

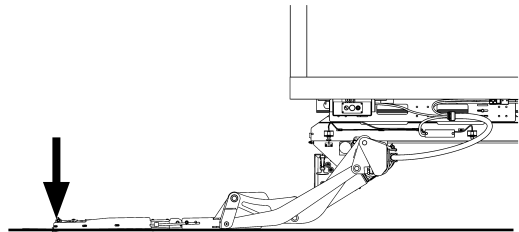
**Never move the vehicle unless the Liftgate is properly stowed.**

**NOTE:** If necessary, release the toggle switch to stop the platform from moving.

15. Before moving the vehicle, prepare the Liftgate as follows. Make sure load is removed from platform. If platform is at bed level, lower the platform to ground level as follows. Hold the **Enable operation** switch in the on position (**FIG. 22-1**). Then, hold the external toggle switch in the **DOWN** position (**FIG. 22-1**) until platform is on the ground (**FIG. 22-2**).



**ENABLE SWITCH & DOWN SWITCH**  
**FIG. 22-1**

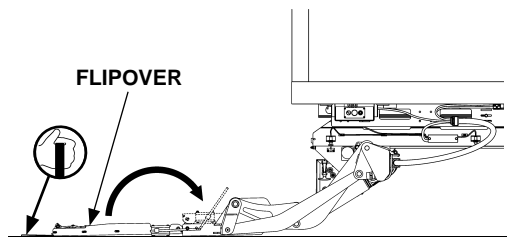


**PLATFORM LOWERED TO GROUND**  
**FIG. 22-2**

### WARNING

**Never operate control switch while folding the flipover.**

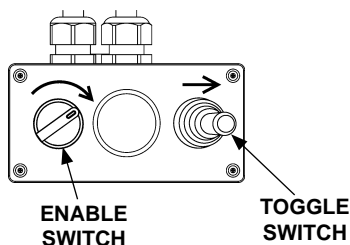
16. Ensure retention ramps are stowed. (**See step 14.**) Then, fold the flipover (**FIG. 22-3**).



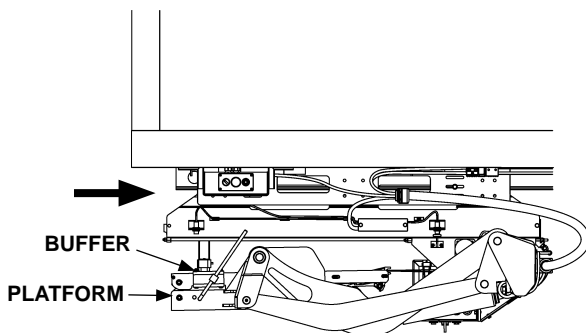
**FOLDING FLIPOVER**  
**FIG. 22-3**

**NOTE:** If necessary, release the toggle switch to stop the platform from moving.

17. Stow the Liftgate as follows. Hold the **Enable operation** switch in the on position (**FIG. 23-1**). Then, hold the external toggle switch in the **IN** position (**FIG. 23-1**) until platform is stowed under the vehicle body and up against the buffers (**FIG. 23-2**).

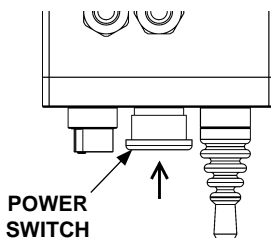


**ENABLE SWITCH & IN SWITCH**  
**FIG. 23-1**



**PLATFORM STOWED**  
**FIG. 23-2**

18. Push the external power switch to turn off power to the controls (**FIG. 23-3**).



**TURNING OFF POWER WITH**  
**EXTERNAL SWITCH**  
**FIG. 23-3**

