

# MAXON<sup>®</sup>

M-18-09  
SEPTEMBER 2020  
REV A

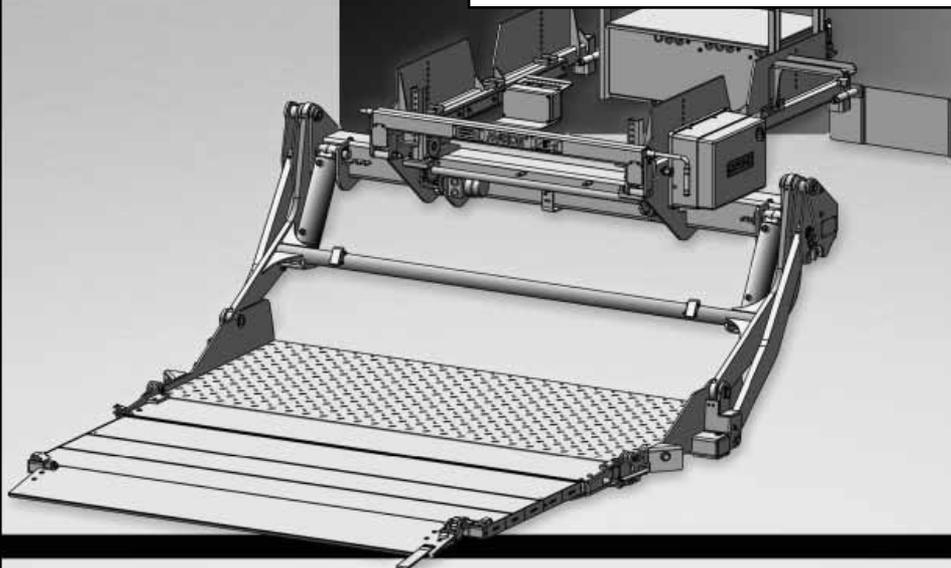
## GPSLR Series

### OPERATION MANUAL

GPSLR-35, GPSLR-44 & GPSLR-55  
GPSLRT-35, GPSLRT-44 & GPSLRT-55



To find **maintenance & parts** information for your **GPSLR Liftgate**, go to **www.maxonlift.com**. Click the **PRODUCTS**, **SLIDELIFT** and **GPSLR** buttons. Open the **Maintenance Manual** in the **PRODUCT DOCUMENTATION** window. For parts, click on the **PARTS PORTAL**, **SLIDELIFT** and **GPSLR** buttons.



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## KEEP THIS MANUAL IN CAB OF VEHICLE

Register your liftgate on line at [www.maxonlift.com/html/services/reg.htm](http://www.maxonlift.com/html/services/reg.htm).

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



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# SUMMARY OF CHANGES: M-18-09, REVISION A

<b>PAGE</b>	<b>DESCRIPTION OF CHANGE</b>
COVER	Updated REV. and date of release.
10	CAUTION decals were updated to show GPSLR liftgate.
12	Parts decal with QR code was added for GPSLR liftgate.

## **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 or children to operate the Liftgate. If you need to replace an **Operation Manual**, additional copies are available from:

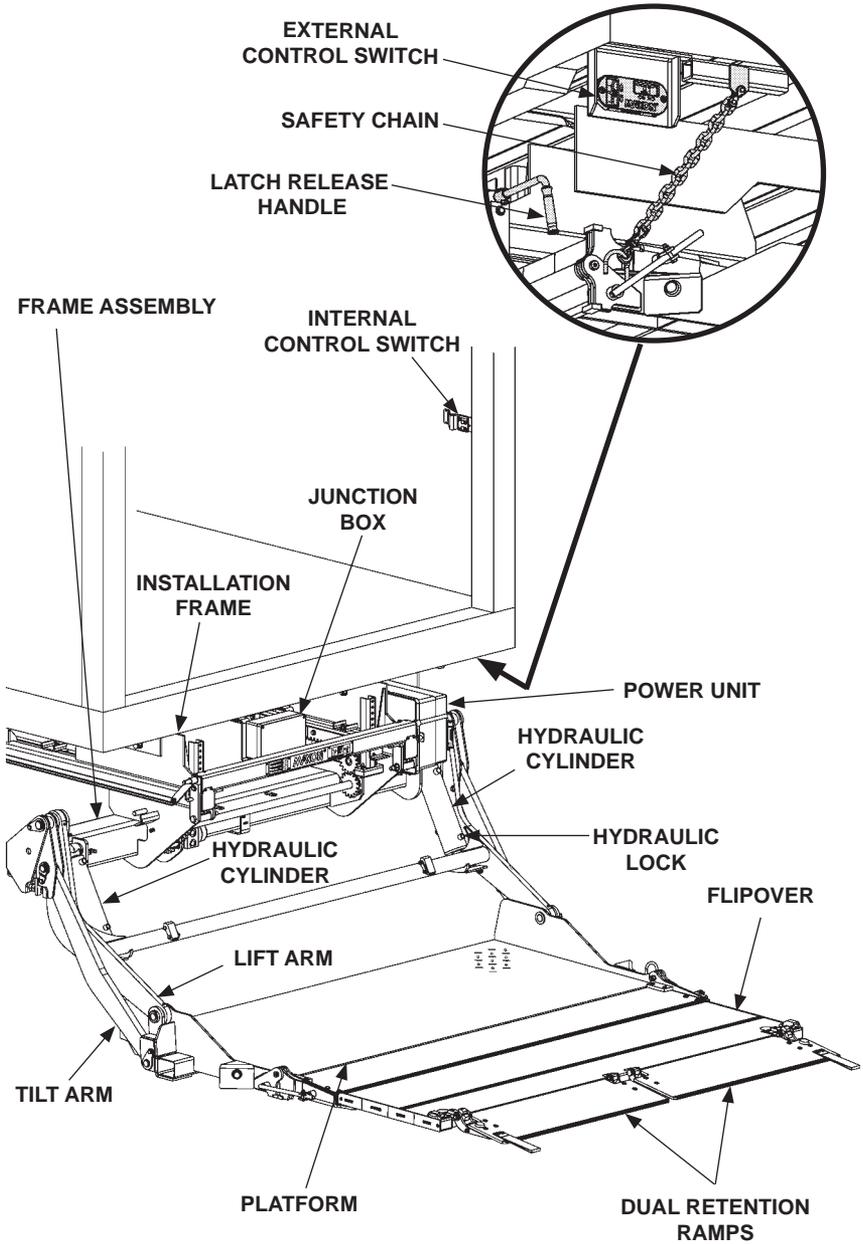
**MAXON Lift Corp.  
11921 Slauson Ave  
Santa Fe Springs, CA 90670  
(800) 227-4116**

**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 **3500 lb.** for the **GPSLR-35 & GPSLRT-35**, **4400 lb.** for the **GPSLR-44 & GPSLRT-44**, and **5500 lb.** for the **GPSLR-55 & GPSLRT-55**.
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.

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# 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.

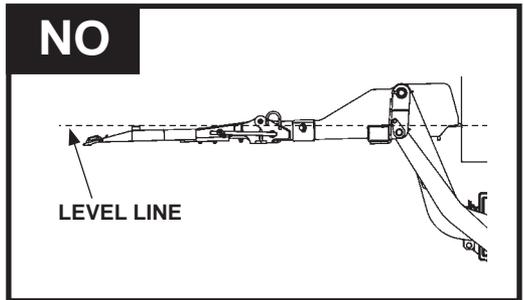
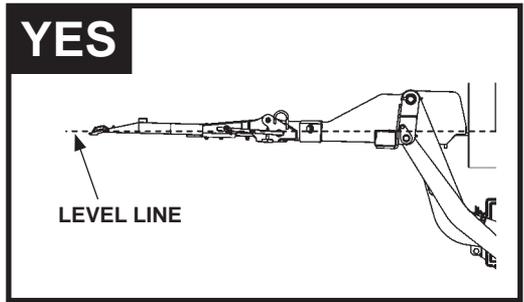
## Before operating the Liftgate, the operator should do the following:

- 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.
- Check that safety chain and snap hook are in place on models with no controller.

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

- 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.**

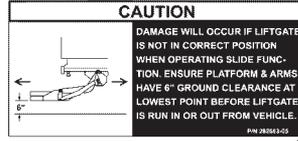
- When the Liftgate is moving, listen for unusual noises and look for a “jerking” motion or uneven movement on either side of the platform.

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

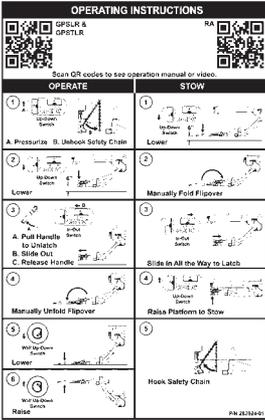
# DECALS



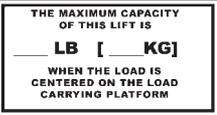
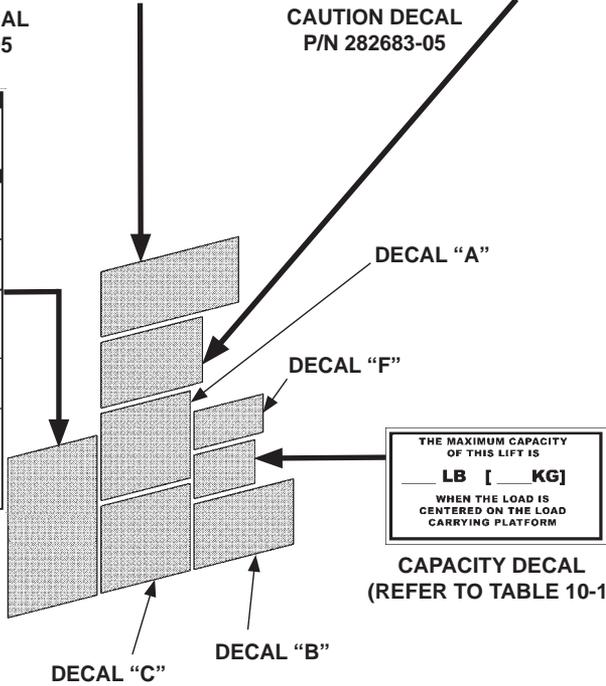
**CAUTION DECAL**  
P/N 282682-05



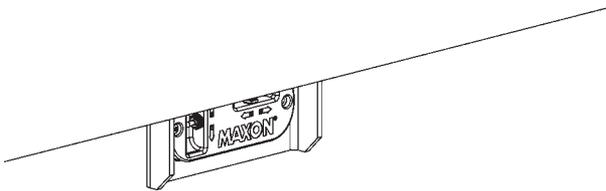
**CAUTION DECAL**  
P/N 282683-05



**OPERATION DECAL**  
P/N 283024-01



**CAPACITY DECAL**  
(REFER TO TABLE 10-1)



**FIG. 10-1**

MODEL	ORDER P/N	DECAL "C"
GPSLR/GPSLR-35	220388-04	3500 LBS. (1600 KG)
GPSLR/GPSLR-44	253155	4400 LBS. (2000 KG)
GPSLR/GPSLR-55	253161	5500 LBS. (2500 KG)

**CAPACITY DECAL PART NUMBERS**  
**TABLE 10-1**

**⚠ CAUTION**

**Always stand clear of platform area.**

P/N 282522-01 **F**

**⚠ 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.maxontift.com](http://www.maxontift.com) or call Customer Service at (800) 227-4116. P/N 282522-01 **C**

**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.

P/N 282522-01 **A**

	<p><b>⚠ WARNING</b></p> <p><b>Liftgate hazards can result in crushing or falling.</b></p> <p><b>Keep hands and feet clear of pinch points.</b></p> <p><b>If riding liftgate, make sure load is stable and footing is solid.</b></p> <p>P/N 282522-01 <b>B</b></p>
<p><b>Read and understand all instructions and WARNINGS before use.</b></p>	

**DECAL SHEET**  
**P/N 282522-01**  
**FIG. 11-1**

# DECALS - Continued

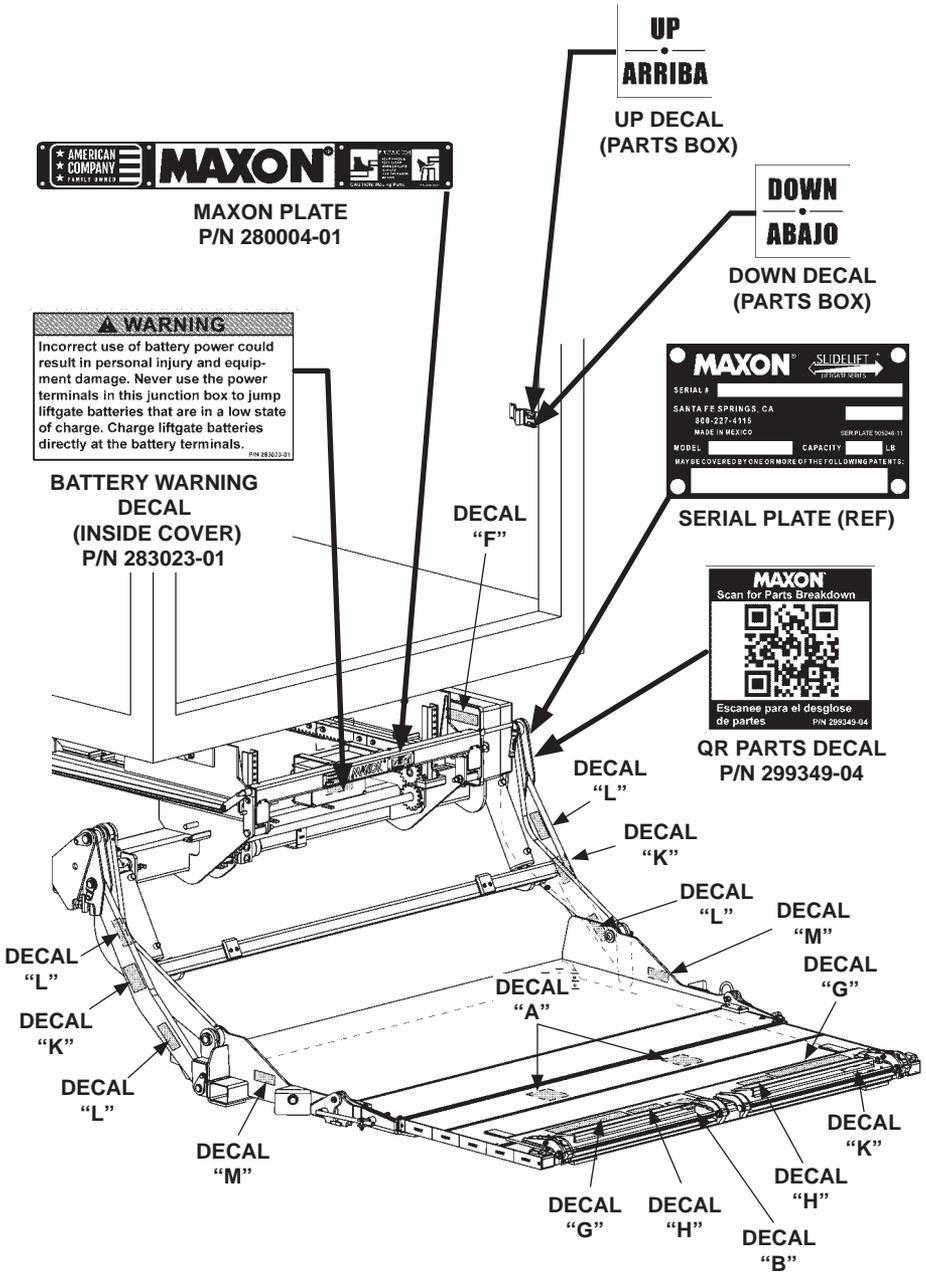


FIG. 12-1

**⚠ WARNING**



When unstowing & stowing platform, stay clear of bumpers. **A**

**⚠ WARNING**



To avoid injury stay out of the path where the platform unfolds. Unfold platform from the side. **B**

**⚠ WARNING**



Keep hands clear of pinch points when folding flipover. **M**

**⚠ WARNING**

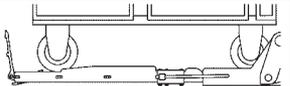
To prevent personal injury & equipment damage, avoid working under the platform while platform is raised off the ground. Refer to Maintenance Manual for additional safety instructions. **E**

**⚠ WARNING**

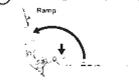
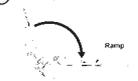


To avoid possible injury and damage to equipment, never stand on lift arms, parallel arms, or bottom side of platform. **K**

**⚠ WARNING**



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

<p>1 Push locking arm and pull strap to unlock ramp</p>  <p>Locking Arm Strap</p>	<p>2 Push locking arm and pull ramp</p>  <p>Ramp</p> <p>Retention Position</p>	<p>3 Push locking arm and pull ramp</p>  <p>Ramp</p> <p>Ramp Position</p>	<p>4 Push ramp</p>  <p>Ramp</p> <p>Retention Position</p>	<p>5 Push ramp</p>  <p>Ramp</p> <p>Stow Position</p> <p><b>H</b></p>
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**⚠ WARNING**



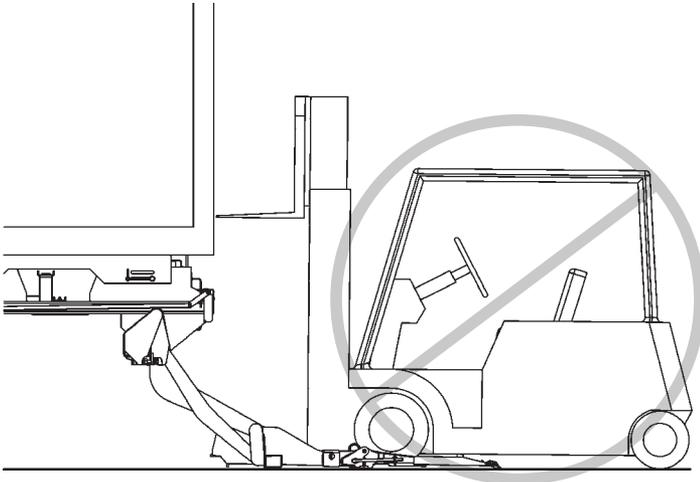
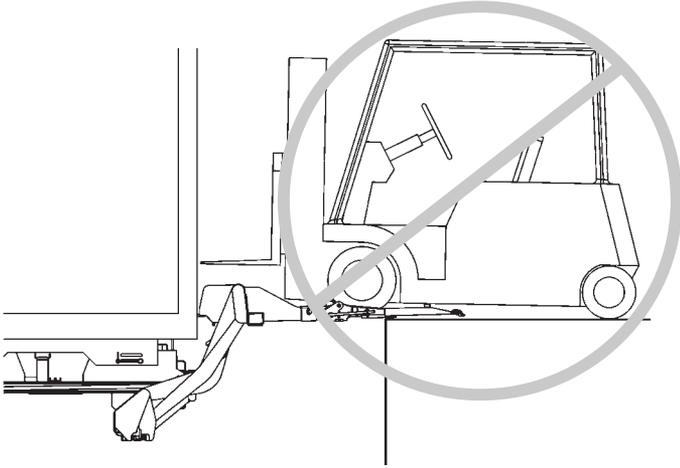
Keep hands & feet clear of lifting arms. **L**



**DECAL SHEET**  
**P/N 267432-03**  
**FIG. 13-1**

# FORKLIFT ADVISORY

**⚠ WARNING**  
**Keep forklift OFF of platform.**



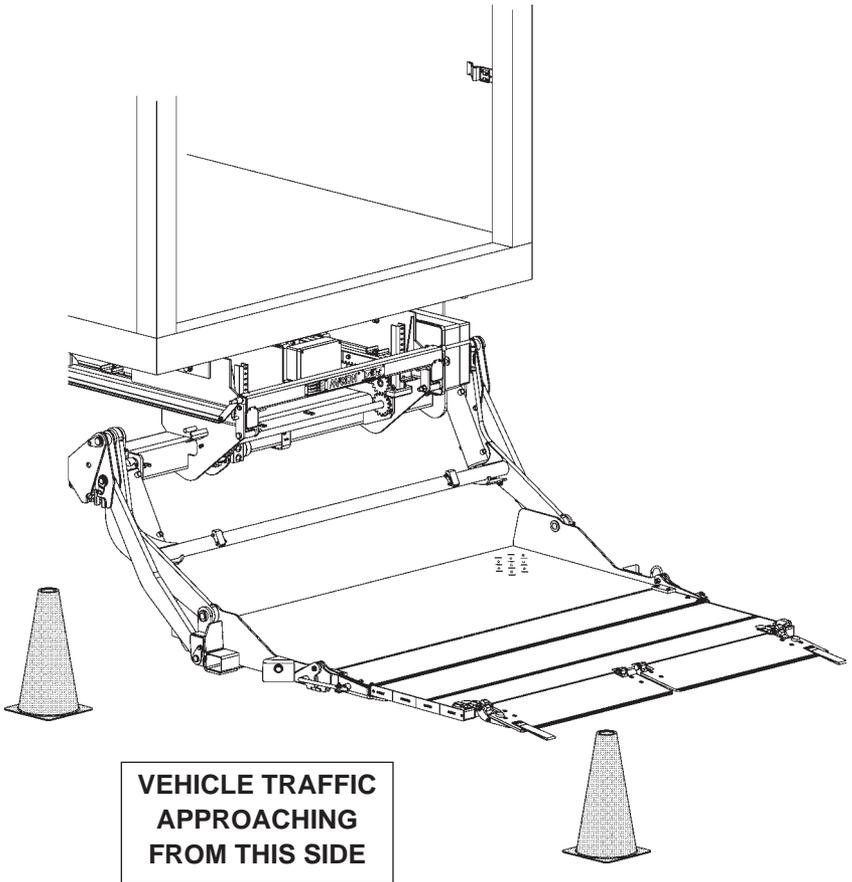
**FIG. 14-1**

# ROADSIDE OPERATION ADVISORY

## WARNING

Operating the Liftgate by the side of a busy road with vehicle traffic increases the chance of personal injury and damage to Liftgate, cargo & vehicle. Making the loading area more visible to passing traffic can help reduce the chance of injury and damage.

**NOTE:** MAXON recommends placing at least 2 traffic cones on the traffic side of the platform loading area as illustrated below. Remove cones after platform is stowed and before moving the vehicle.



**TRAFFIC CONES POSITIONED BY PLATFORM LOADING AREA  
(GPSLR LIFTGATE SHOWN)  
FIG. 15-1**

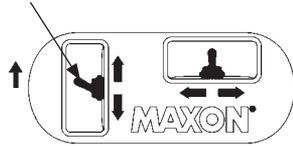
# OPERATION

## ⚠ CAUTION

Ensure Liftgate is unchained before you deploy Liftgate for operation. Possible injury and equipment damage could result.

1. Tap **UP** toggle switch (**FIG. 16-1**) to take pressure off the chain.

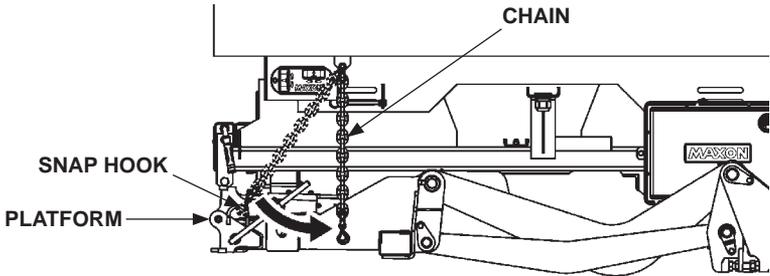
UP-DOWN  
TOGGLE SWITCH



UP

FIG. 16-1

2. Unchain Liftgate by unhooking snap hook from the platform (**FIG. 16-2**).



UNCHAINING LIFTGATE

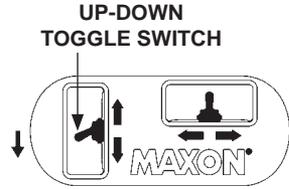
FIG. 16-2

## CAUTION

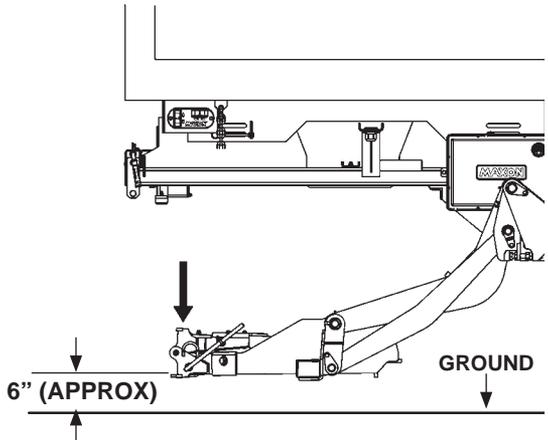
To prevent damage to Liftgate & vehicle, Liftgate will not travel in or out from vehicle unless platform is at a certain height. To enable in and out travel, ensure platform is approximately 6" above the ground at its lowest point.

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

3. Hold the up-down toggle switch in the **DOWN** position (**FIG. 17-1**) until platform is approximately 6" above the ground (**FIG. 17-2**).



**DOWN**  
**FIG. 17-1**

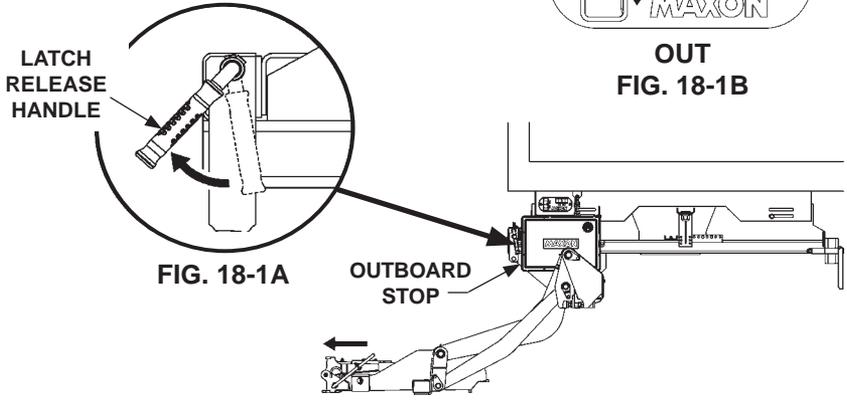


**PLATFORM LOWERED APPROXIMATELY 6" ABOVE GROUND**  
**FIG. 17-2**

# OPERATION - Continued

**NOTE:** Platform must be released from latch before Liftgate can slide out.

4. Pull the latch release handle forward (FIG. 18-1A). Next, hold the in-out toggle switch in the **OUT** position (FIG. 18-1B), and release latch handle as the Liftgate travels to the outboard stops as shown in FIG. 18-1.

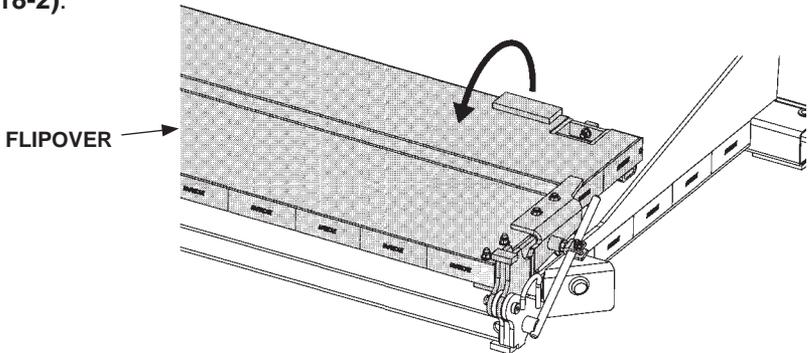


**LIFTGATE TRAVELS TO OUTBOARD STOPS**  
FIG. 18-1

## **⚠ WARNING**

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

5. Unfold the flipover (if equipped) (FIG. 18-2).

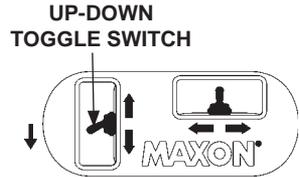


**UNFOLD FLIPOVER**  
FIG. 18-2

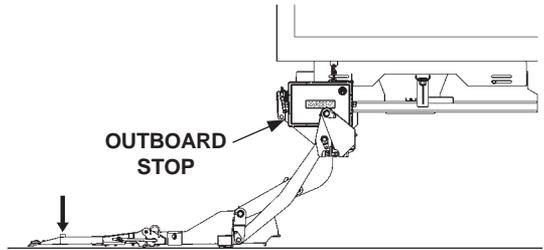
## CAUTION

To prevent damage to Liftgate & vehicle, platform should not be raised to bed height unless Liftgate is in position at the outboard stops. To enable full raise and lower operation, ensure Liftgate is at the outboard stops.

6. Hold the up-down toggle switch in the **DOWN** position (FIG. 19-1A) to lower platform to ground level (FIG. 19-1).



**DOWN**  
FIG. 19-1A

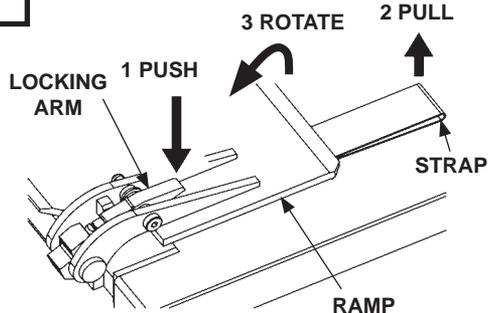


**PLATFORM LOWERED TO GROUND**  
FIG. 19-1

## WARNING

To prevent possible injury, never operate control switch while unfolding the flipover or retention ramp.

7. If equipped with a flipover and retention ramp, unfold retention ramp (FIG. 19-2) by pushing down on locking arm. Then, pull strap **UP** and rotate ramp **UP** (FIG. 19-2).



**UNFOLDING RETENTION RAMP**  
(RH SIDE SHOWN)  
FIG. 19-2

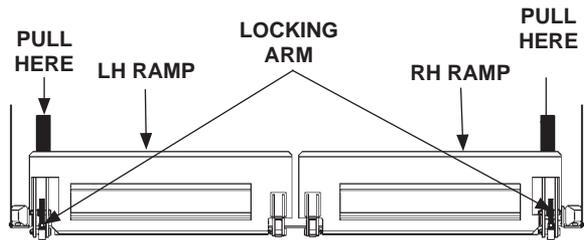
## OPERATION - Continued

### CAUTION

A ramp in retention position can trip you when stepping over it. To prevent possible injury, get on the platform before putting the ramp in retention position.

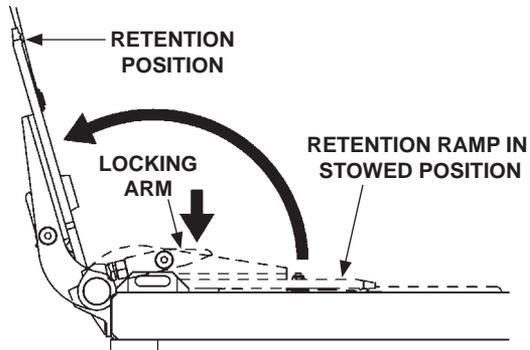
**NOTE:** To unhook retention ramps, stand at side of the flipover of the ramp that is to be unhooked. After the retention ramps are unhooked, the recommended place for handling the retention ramps is at the center of the free edges (**FIG. 20-1**).

8. To release RH ramp from the catch, push down on locking arm while lifting up on the strap. Then, pull ramp up to disengage from the catch. Repeat for LH ramp, if equipped (**FIG. 20-1**).



**RELEASING RETENTION RAMP  
(TOP VIEW)  
FIG. 20-1**

9. Once the retention ramp is disengaged from the locking arm, pull the retention ramp to the retention position (**FIG. 20-2**). Repeat for LH ramp, if equipped.

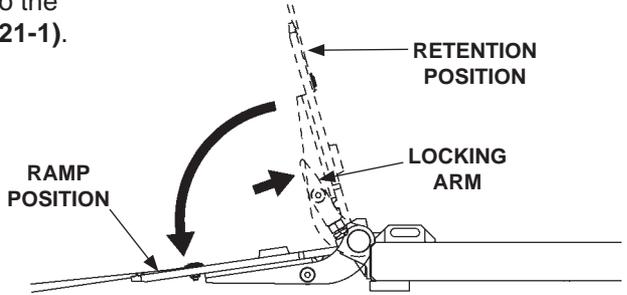


**MOVING RAMP TO RETENTION POSITION  
(RH SIDE SHOWN)  
FIG. 20-2**

**⚠ CAUTION**

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

10. Push the locking arm and pull retention ramp to the ramp position (FIG. 21-1).



**MOVING TO RAMP POSITION  
(RH SIDE SHOWN)  
FIG. 21-1**

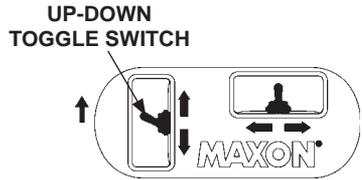
# OPERATION - Continued

## ⚠ CAUTION

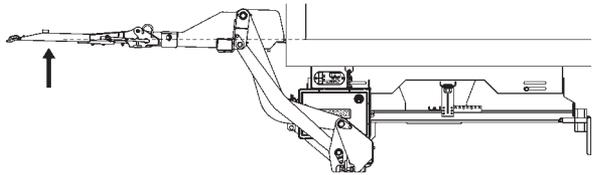
To prevent damage to the retention ramp, before raising or lowering platform, retention ramp should be in the retention or stowed position.

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

11. To raise platform to bed level (FIG. 22-1), hold the up-down toggle switch in the **UP** position (FIG. 22-1A).

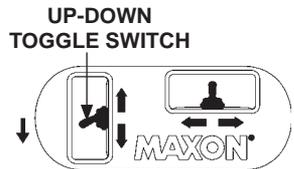


**UP**  
**FIG. 22-1A**

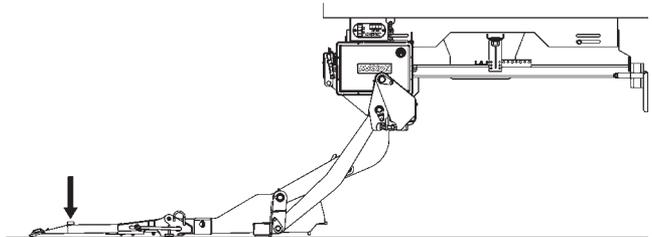


**PLATFORM RAISED TO BED LEVEL**  
**FIG. 22-1**

12. To lower platform to ground level (FIG. 22-2), hold the up-down toggle switch in the **DOWN** position (FIG. 22-2A).



**DOWN**  
**FIG. 22-2A**



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

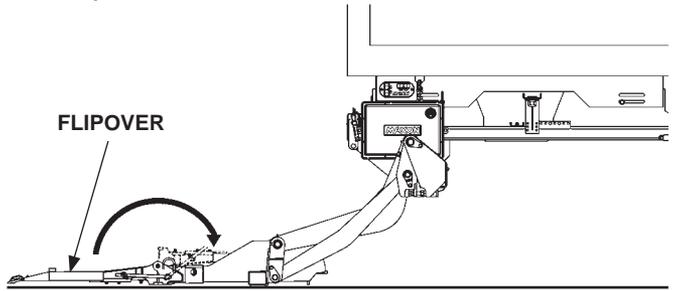
**⚠ WARNING**

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

**⚠ WARNING**

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

13. Ensure retention ramps (if equipped) are stowed. Then, fold the flipover (if equipped) (**FIG. 23-1**).



**FOLDING FLIPOVER  
FIG. 23-1**

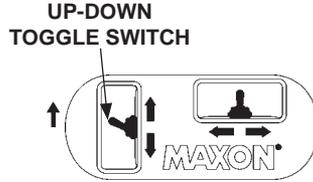
## OPERATION - Continued

### CAUTION

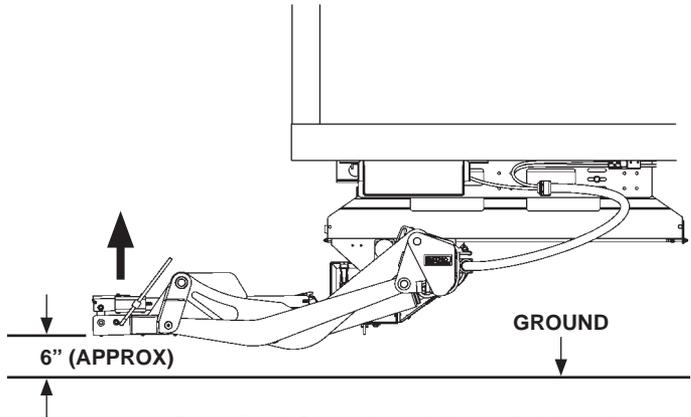
Damage will occur if Liftgate is not in correct position when operating the slide function. Ensure platform & arms have approximately 6" of ground clearance, at lowest point, before Liftgate is run in under vehicle.

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

14. Stow the Liftgate as follows.  
Hold the external up-down toggle switch in the **UP** position (**FIG. 24-1**) until the lowest point of platform and arms are approximately 6" above the ground (**FIG. 24-2**).

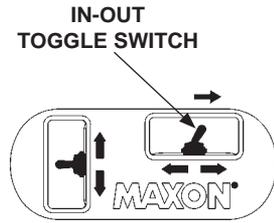


**UP SWITCH**  
**FIG. 24-1**

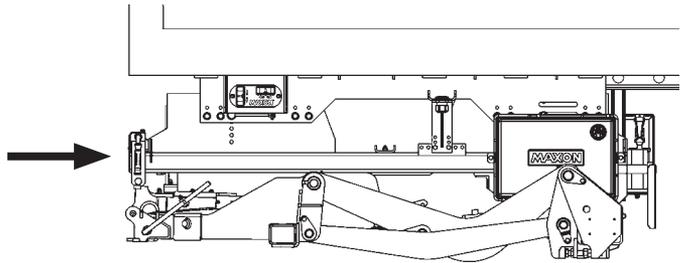


**LOWEST POINT 6" ABOVE GROUND**  
**FIG. 24-2**

15. Hold the external in-out toggle switch in the **IN** position (**FIG. 25-1**). Slide the platform in to stow as shown in **FIG. 25-2**.



**IN SWITCH**  
**FIG. 25-1**



**SLIDING PLATFORM IN TO STOW**  
**FIG. 25-2**

## OPERATION - Continued

### CAUTION

Damage will occur if slide mechanism is not operated correctly. Liftgate must be fully retracted, latched and stowed before moving vehicle.

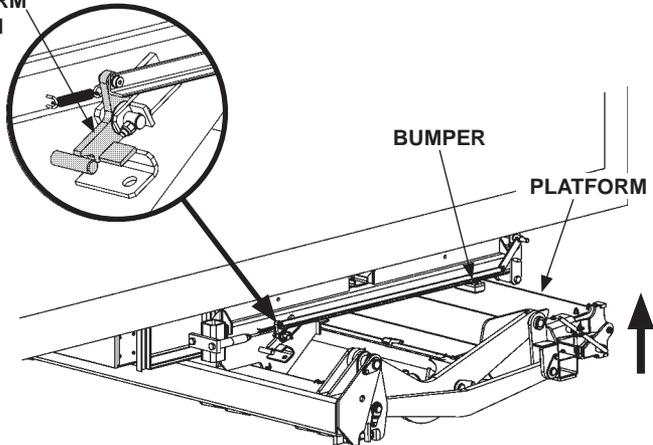
16. Hold the external up-down control switch in the **UP** position (**FIG. 26-1**) until platform is stowed securely against bumpers (**FIG. 26-2**).

UP-DOWN  
CONTROL SWITCH



UP SWITCH  
FIG. 26-1

PLATFORM  
LATCH

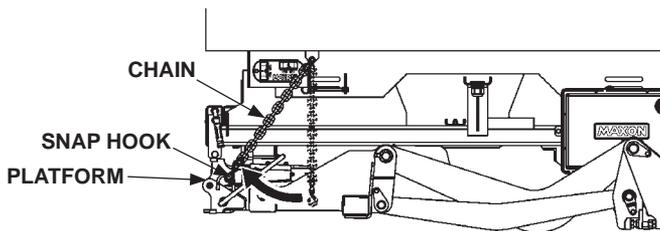


PLATFORM STOWED & LATCHED  
FIG. 26-2

## CAUTION

Ensure Liftgate is stowed and chained before you move vehicle.  
Possible injury and equipment damage could result.

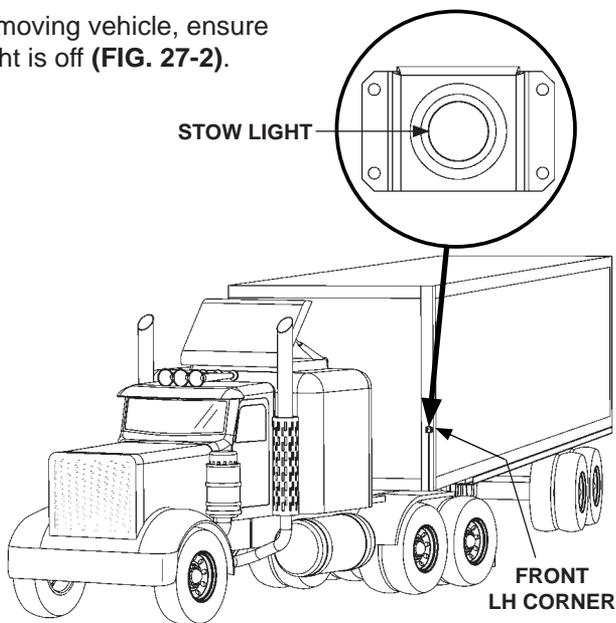
17. Hook chain to platform  
(FIG. 27-1).



**CHAINING LIFTGATE**  
**FIG. 27-1**

**NOTE:** Stow light illuminates when  
the Liftgate is not in the  
stow position.

18. Before moving vehicle, ensure  
stow light is off (FIG. 27-2).



**FRONT OF TRAILER**  
**FIG. 27-2**

## USING RETENTION RAMP (IF EQUIPPED)

### **⚠ WARNING**

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

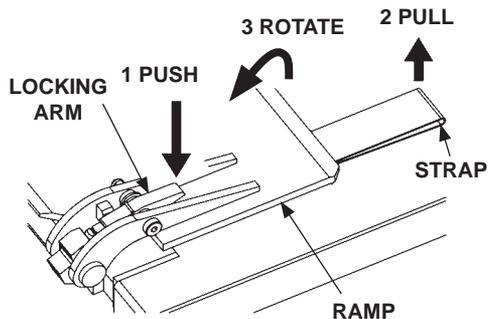
### **⚠ CAUTION**

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:** Some Liftgates are equipped with a single retention ramp or dual retention ramps. A retention ramp, like a cart stop, prevents loaded carts from rolling off outboard end of platform. Unlike a cart stop, a retention ramp lets you use the entire load surface of the platform. The following procedure shows how to operate a retention ramp.

**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. 28-1**).

1. If equipped with a flipover and retention ramp, unfold retention ramp (**FIG. 28-1**) by pushing down on locking arm. Then, pull strap **UP** and rotate ramp **UP** (**FIG. 28-1**).

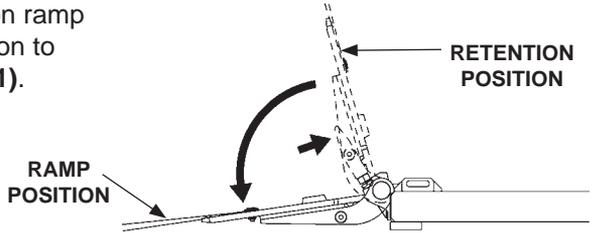


**UNFOLDING RETENTION RAMP  
(RH SIDE SHOWN)  
FIG. 28-1**

## **! 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.

2. Continue to pull retention ramp past the retention position to ramp position (FIG. 29-1).



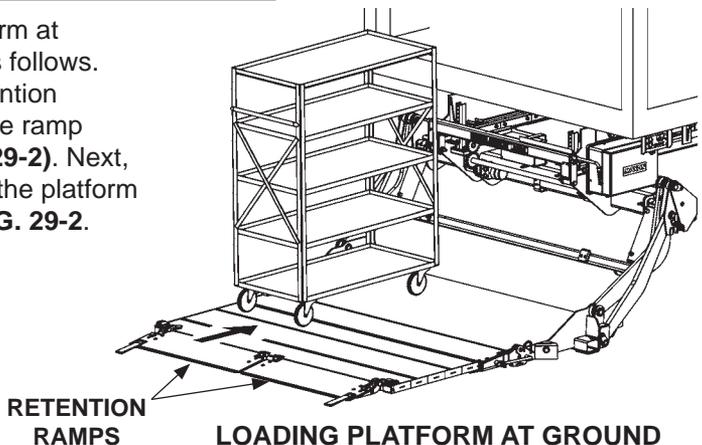
**MOVING TO RAMP POSITION  
(RH VIEW OF FLIPOVER)**

**FIG. 29-1**

## **! 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.

3. Load the platform at ground level as follows. Make sure retention ramps are in the ramp position (FIG. 29-2). Next, move carts on the platform as shown in FIG. 29-2.

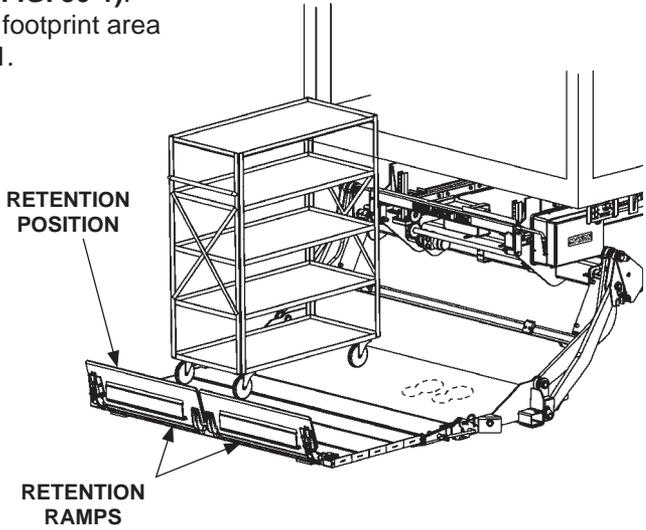


**LOADING PLATFORM AT GROUND  
LEVEL (RAMP POSITION)**

**FIG. 29-2**

# USING RETENTION RAMP (IF EQUIPPED) - Cont'd.

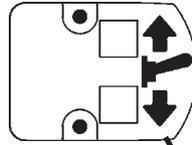
- 4. When carts are on the platform, place the retention ramps in the retention position (FIG. 30-1). Then, stand in the footprint area shown in FIG. 30-1.



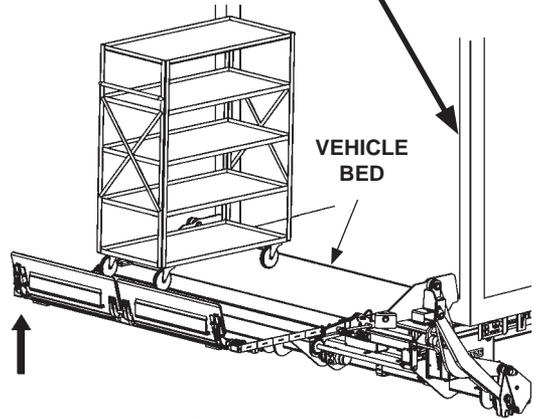
LOADED PLATFORM  
FIG. 30-1

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

5. Raise the platform to bed level as follows. Hold the internal control switch in the **UP** position (**FIG. 31-1A**) until the platform reaches bed level (**FIG. 31-1**).

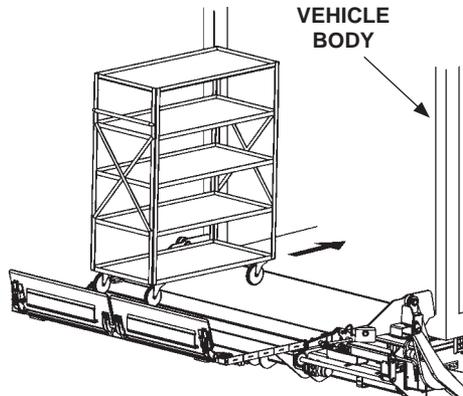


**FIG. 31-1A**



**FIG. 31-1**

6. Move carts from the platform to inside the vehicle body (**FIG. 31-2**).



**PLATFORM RAISED TO BED LEVEL**

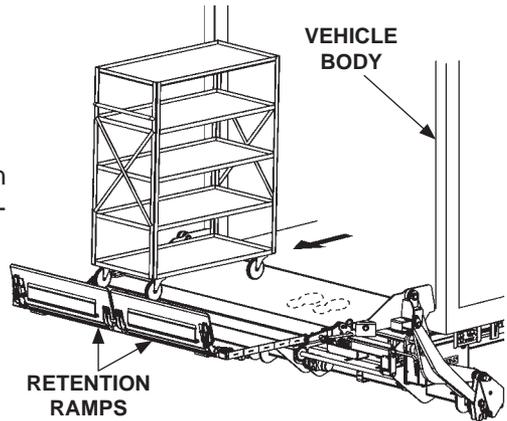
**FIG. 31-2**

# USING RETENTION RAMP (IF EQUIPPED) - Cont'd.

## **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.

7. Load the platform at bed level as follows. Make sure retention ramps are in the retention position (FIG. 32-1). Then, push carts out of the vehicle body to correct position on the platform. If standing on platform with the carts, stand in the footprint area shown and comply with **WARNING**.



**LOADING PLATFORM AT BED LEVEL  
(RAMP IN RETENTION POSITION)**  
FIG. 32-1

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

8. Lower the platform to ground level as follows. Hold the internal control switch in the **DOWN** position (FIG. 32-2A) until platform is sitting on the ground (FIG. 32-2).

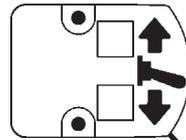
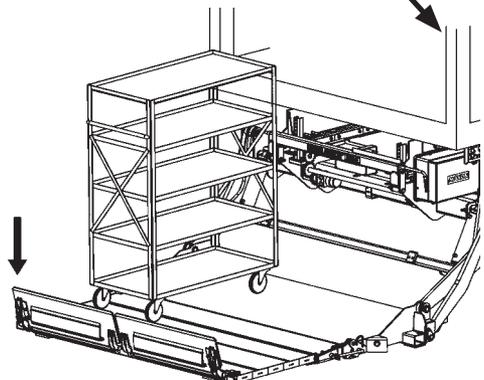
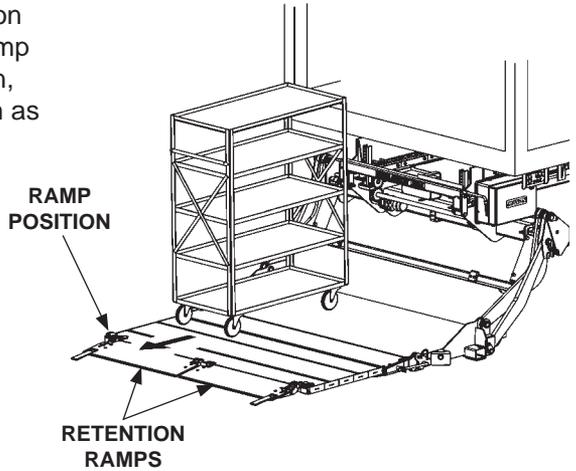


FIG. 32-2A



**LOWERING PLATFORM TO GROUND**  
FIG. 32-2

9. Unload the platform at ground level as follows. Reposition retention ramps to the ramp position (**FIG. 33-1**). Then, move cart off the platform as shown in **FIG. 33-1**.



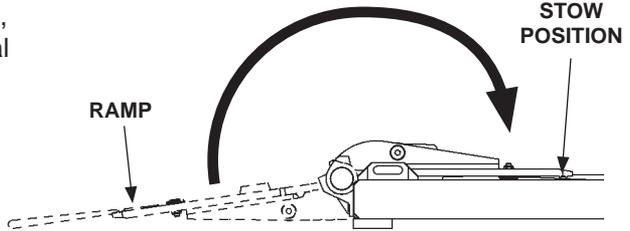
**UNLOADING PLATFORM AT  
GROUND LEVEL (RAMP POSITION)  
FIG. 33-1**

# USING RETENTION RAMP (IF EQUIPPED) - Cont'd.

## **⚠ WARNING**

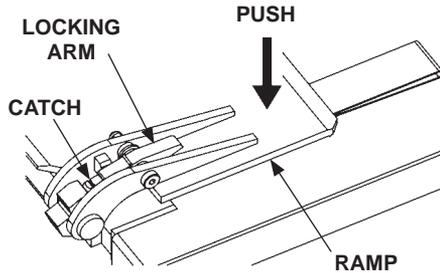
Never operate control switch while folding the flipover or retention ramp.

10. To stow, rotate retention ramp to stow position as shown in (FIG. 34-1). Repeat for LH ramp, if equipped with dual retention ramps.



**ROTATING RAMP TO STOWED POSITION  
(RH SIDE SHOWN)  
FIG. 34-1**

11. Push the retention ramp down into the catch (FIG. 34-2). Make sure locking arm is fully locked into catch (FIG. 34-2). Repeat for LH ramp, if equipped with dual retention ramps.



**FOLDING RETENTION RAMP  
(RH SIDE SHOWN)  
FIG. 34-2**

# USING STANDARD CART STOPS (IF EQUIPPED)

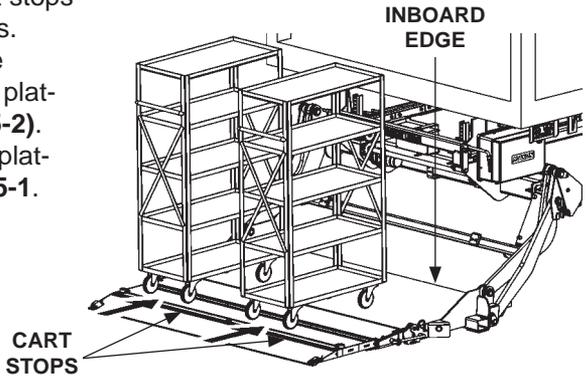
## CAUTION

To prevent injuries caused by tripping and falling, make sure cart stops are closed before walking on and off outboard end of platform.

**NOTE:** Some Liftgates are equipped with single or dual cart stops. Cart stops prevent loaded carts from rolling off outboard end of platform. Single cart stops are 1 section, about the same as overall width of platform, and operate with one set of controls. Dual cart stops are 2 identical sections, with a combined width about the same as overall width of platform, and each is independently operated with separate controls. The following procedure shows how to operate dual cart stops; however, a single cart stop operates the same way.

**NOTE:** Load should be as close as possible to the inboard edge of the platform with heaviest part toward the vehicle body.

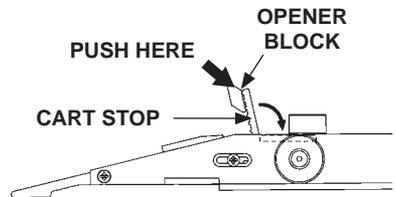
1. Load a platform with cart stops at ground level as follows. Make sure cart stops are closed when loading the platform (**FIGS. 35-1 and 35-2**). Then, move load on the platform as shown in **FIG. 35-1**.



**LOADING PLATFORM AT GROUND LEVEL  
(CART STOPS CLOSED)**

**FIG. 35-1**

2. To close cart stops, push on the opener block as shown in **FIG. 35-2**.

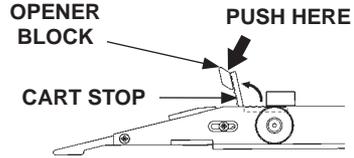


**CLOSING CART STOPS  
(RH VIEW OF FLIPOVER)**

**FIG. 35-2**

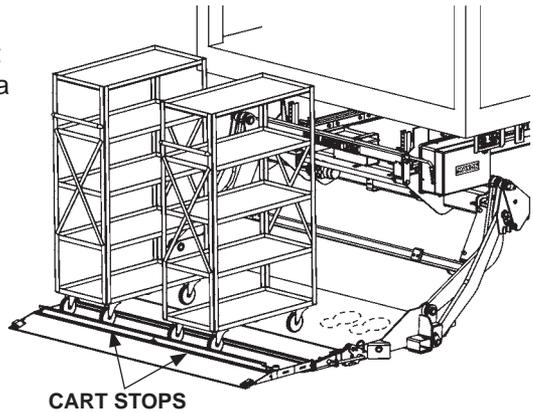
## USING STANDARD CART STOPS (IF EQUIPPED) - Continued

3. To open cart stops, push on the opener block as shown in **FIG. 36-1**.



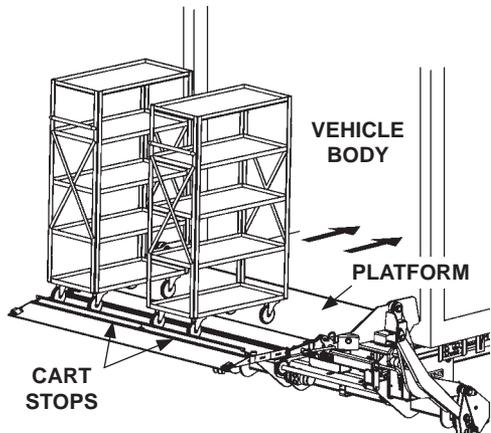
**OPENING CART STOPS  
(RH VIEW OF FLIP OVER)  
FIG. 36-1**

4. Open cart stops (**FIGS. 36-1 and 36-2**). Next, position cart and stand in the footprint area as shown in **FIG. 36-2**.



**CART STOPS OPEN  
FIG. 36-2**

5. Raise the platform to bed level (**FIG. 36-3**). Move the load off the platform into the vehicle body (**FIG. 36-3**).

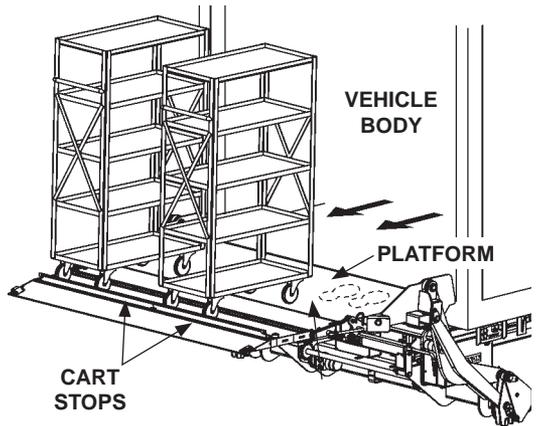


**UNLOADING PLATFORM AT BED LEVEL  
FIG. 36-3**

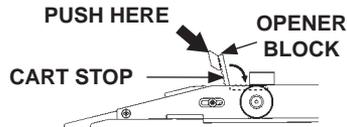
## WARNING

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.

6. When loading the platform at bed level, make sure cart stops are open (**FIG. 37-1**). Push load out of the vehicle to correct position on the platform. Place all loads as close as possible to the inboard edge of the platform with heaviest part toward the vehicle body as shown in **FIG. 37-1**. If standing on platform with the load, stand in the footprint area shown and comply with the **WARNING** on page 30.

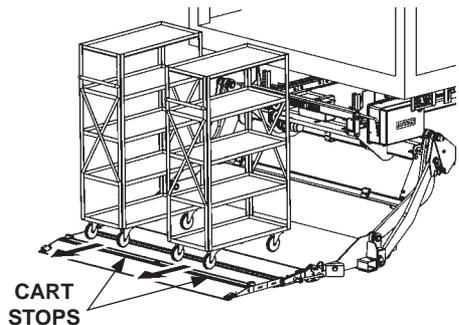


**LOADING PLATFORM AT BED LEVEL  
(CART STOP OPEN)  
FIG. 37-1**



**CLOSING CART STOPS  
(RH VIEW OF FLIPOVER)  
FIG. 37-2**

7. Unload the platform with cart stops at ground level as follows. Make sure cart stops are closed when unloading the platform (**FIG. 37-3**). Move cart enough to close cart stop. Then, move load off the platform as shown in **FIG. 37-3**.



**CART STOPS CLOSED  
FIG. 37-3**

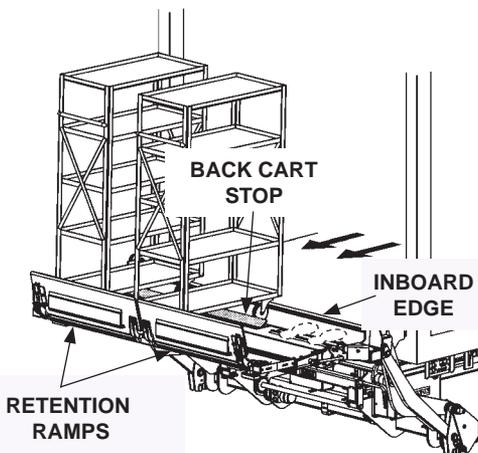
# USING BACK CART STOPS (IF EQUIPPED)

## CAUTION

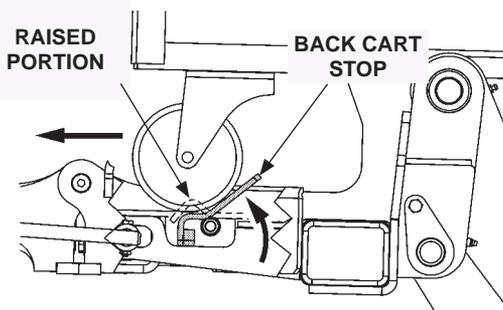
To prevent injuries caused by tripping and falling, make sure cart stops are latched closed when not in use.

**NOTE:** Back cart stop(s) prevent loaded carts from rolling off the platform. The following procedure shows how to operate back cart stop(s).

1. With the platform at bed level and retention ramp(s) in ramp position, stand in the footprint area (**FIG. 38-1**). Push the front wheels of the cart over the raised portion of cart stop(s) (**FIG. 38-2**). Push cart(s) out of the vehicle until rear wheels are positioned against the cart stop(s) as shown in **FIG. 38-1**. If standing on platform with the load, stand in the footprint area shown and comply with the **WARNING** on page 35.

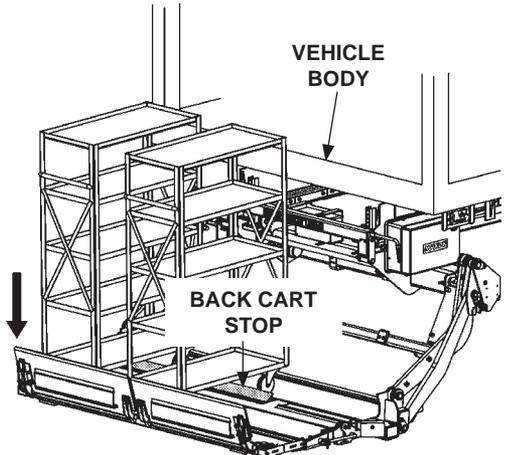


**UNLOADING PLATFORM  
(PLATFORM AT BED LEVEL)  
FIG. 38-1**



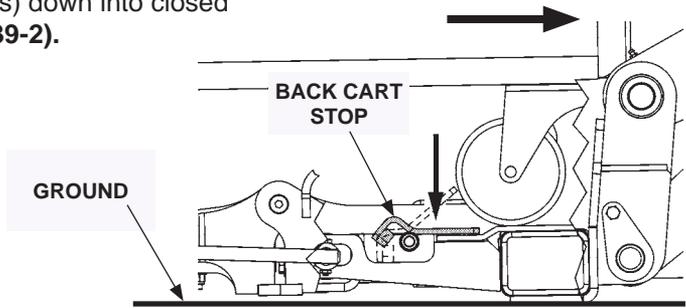
**OPENING BACK CART STOP(S)  
(PLATFORM AT BED LEVEL)  
FIG. 38-2**

2. Lower platform to ground level (FIG. 39-1).



**LOWERING PLATFORM TO GROUND LEVEL**  
**FIG. 39-1**

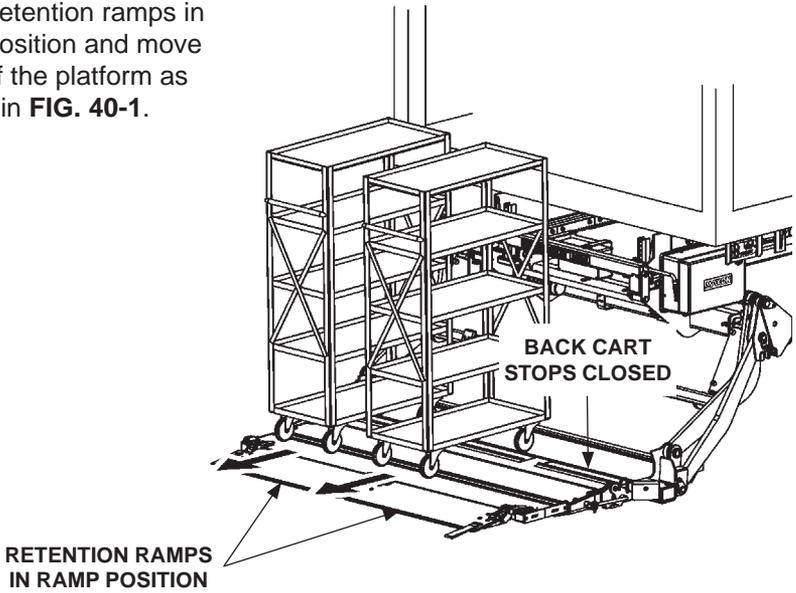
3. Push the cart towards vehicle body. When cart is clear of back cart stop(s), step on back cart stop(s) and push cart stop(s) down into closed position (FIG. 39-2).



**CLOSING BACK CART STOP(S)**  
**(PLATFORM AT GROUND LEVEL)**  
**FIG. 39-2**

# USING BACK CART STOPS (IF EQUIPPED) - Continued

4. Place retention ramps in ramp position and move load off the platform as shown in **FIG. 40-1**.



**UNLOADING PLATFORM  
FIG. 40-1**

