

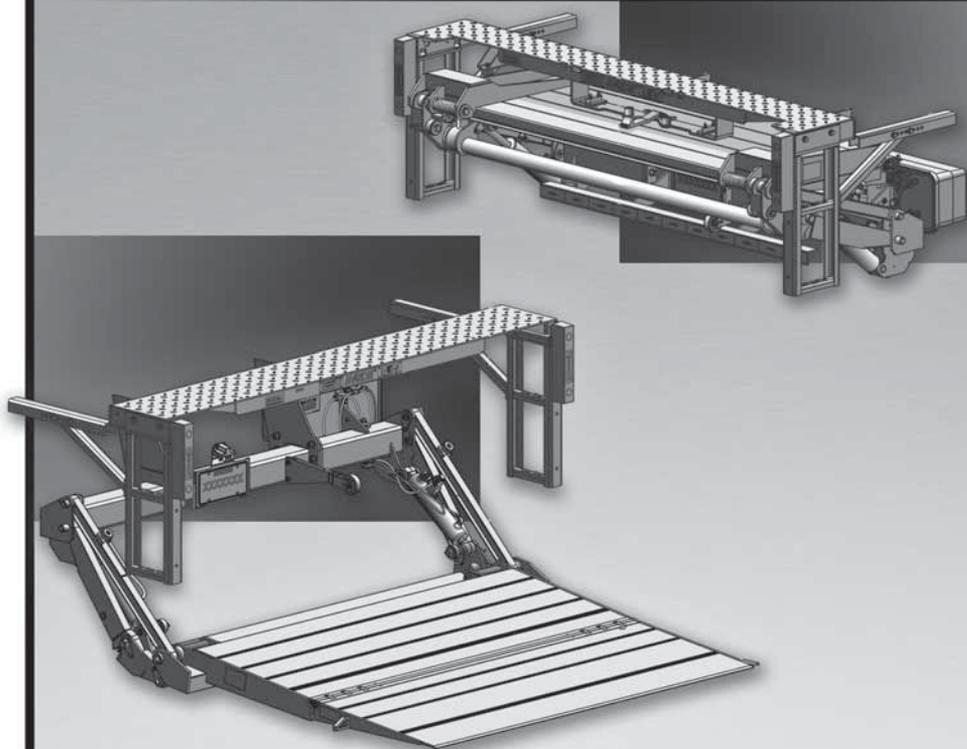
# MAXON<sup>®</sup>

## GPT Series

M-17-07  
JULY 2017

### OPERATION MANUAL

GPT-25, GPT-3, GPT-4, & GPT-5  
GPTWR-25, GPTWR-3, GPTWR-4, & GPTWR-5



### KEEP THIS MANUAL INSIDE OF VEHICLE

Register your liftgate online at <http://www.maxonlift.com/support/product-registration>. 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.

To find **maintenance & parts** information for your **GPT** or **GPTWR Liftgate**, go to [www.maxonlift.com](http://www.maxonlift.com). Click the **PRODUCTS**, **TUK-A-WAY** & **GPT** or **GPTWR** buttons. Open the **Maintenance Manual** in the **PRODUCT DOCUMENTATION** window. For parts, click on the **PARTS PORTAL**, **TUK-AWAY** & **GPT** or **GPTWR** buttons.



# TABLE OF CONTENTS

<b>WARNINGS</b> .....	<b>4</b>
LIFTGATE TERMINOLOGY .....	5
<b>RECOMMENDED DAILY OPERATION CHECKS</b> .....	<b>6</b>
DECALS (GPT MODELS) .....	8
DECALS (GPTWR MODELS) .....	10
FORKLIFT ADVISORY .....	12
<b>ROADSIDE OPERATION ADVISORY</b> .....	<b>13</b>
<b>OPERATION</b> .....	<b>14</b>
USING CART STOPS (IF EQUIPPED) .....	22

## **WARNING**

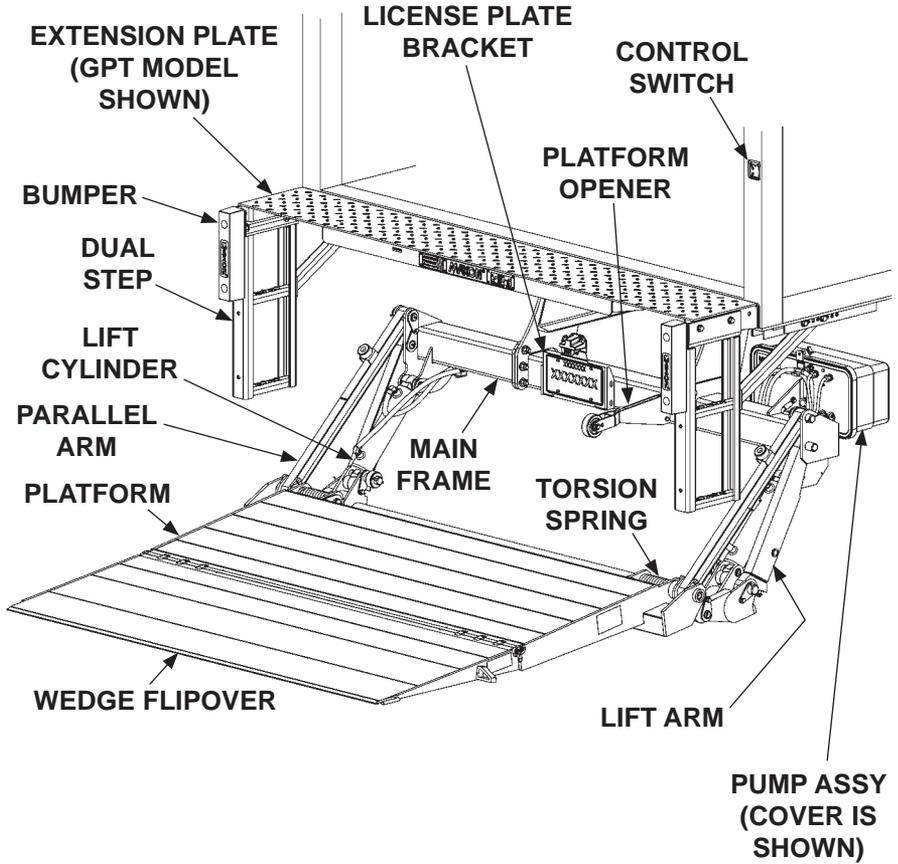
1. Incorrect operation of this Liftgate can result in serious personal injury. Comply with **WARNINGS** and Liftgate operating instructions in this manual. Do not allow untrained persons or children to operate the Liftgate. If you need to replace an **Operation Manual**, additional copies are available 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 Liftgates, which is **2500 LB for the GPT-25 & GPTWR-25, 3000 LB for the GPT-3 & GPTWR-3, 4000 LB for the GPT-4 & GPTWR-4, & 5000 LB for the GPT-5 & GPTWR-5.**
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.

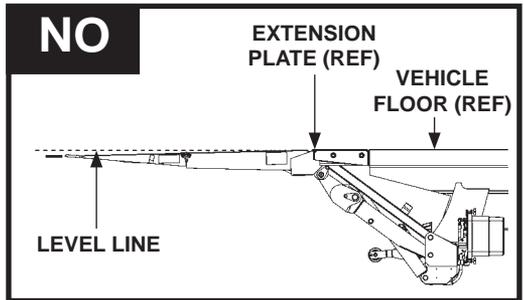
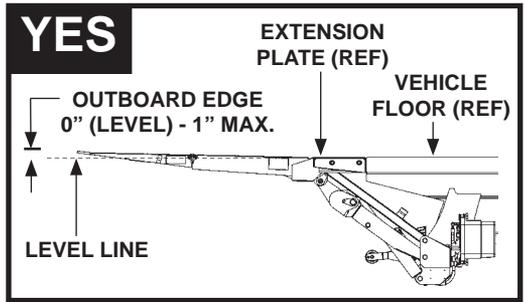
## Before operating the Liftgate, the operator should do the following:

- 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 bolted on securely and undamaged. Look for hydraulic fluid leaking from the pump box.
- Visually check that control switch and guard are in place and undamaged.
- Visually check for cracks and bends on the extension plate. Also, make sure fasteners are in place and undamaged and extension plate is clean (no oil, debris, or corrosion).
- Visually check that all decals are in place (see **DECALS** page). Make sure decals are legible, clean, and undamaged.

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

- Check main frame, lift arms, parallel arms and platform openers for cracks and bends. Make sure rollers, on the platform openers, roll freely. Also, make sure all bolts and pins are in place and undamaged.
- Make sure main frame, lift arms, parallel arms and platform openers 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 outboard edge of platform is level or rises up to 1" above bed level (**YES illustration**). If the outboard edge of platform looks like the **YES illustration**, you can operate Liftgate. If the outboard edge of 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.**

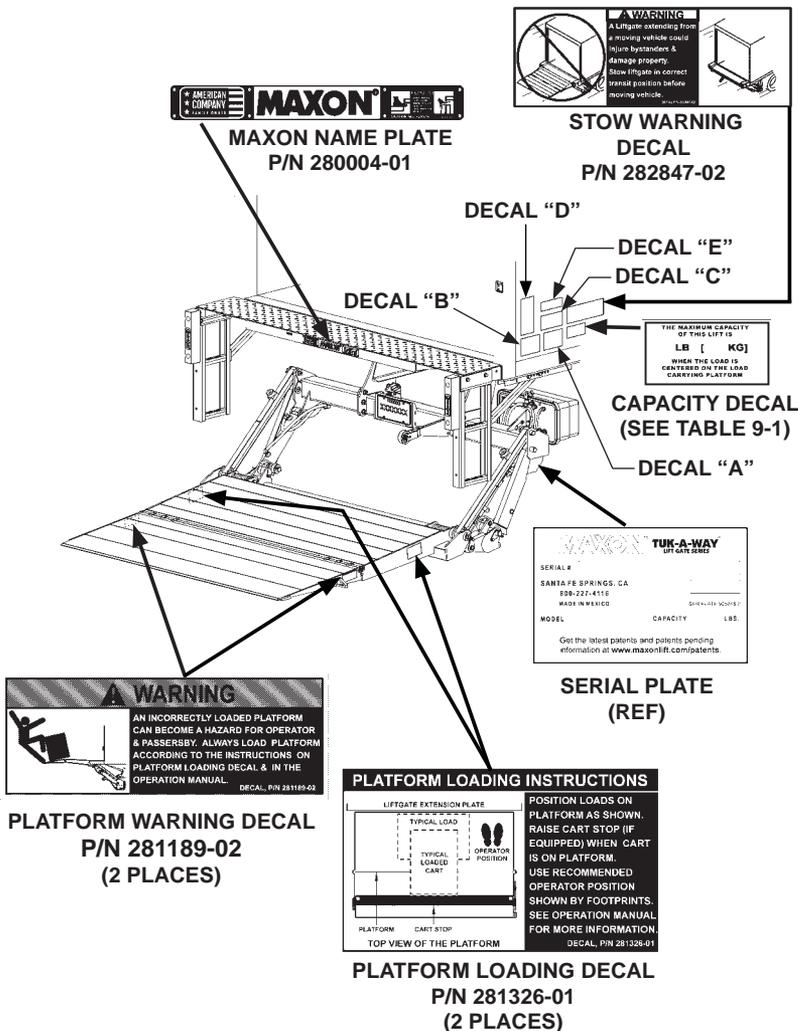
- When the Liftgate is moving, listen for unusual noises and look for a “jerking” motion or uneven movement on either side of the platform.

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

# DECALS (GPT MODELS)

**NOTE:** Ensure there is no residue, dirt or corrosion where decals are attached. If necessary, clean surface before attaching decals.

**NOTE:** Preferred decal layout is shown. Decals on the Liftgate are attached at the factory. If vehicle does not permit this layout, decals in the manual and decal kit must be applied so that they are easily visible when approaching vehicle to operate Liftgate. Use good common sense when locating these decals on vehicle.



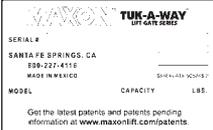
**STOW WARNING DECAL**  
P/N 282847-02



**MAXON NAME PLATE**  
P/N 280004-01



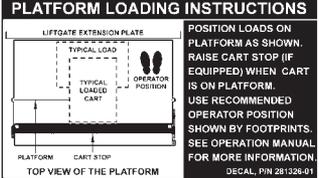
**CAPACITY DECAL (SEE TABLE 9-1)**



**SERIAL PLATE (REF)**



**PLATFORM WARNING DECAL**  
P/N 281189-02  
(2 PLACES)



**PLATFORM LOADING DECAL**  
P/N 281326-01  
(2 PLACES)

## 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.

(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 fork-lift 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.maxarelift.com](http://www.maxarelift.com) or call Customer Service at (800) 277-4116.

(B)



## WARNING

Liftgate hazards can result in crushing or falling.

Keep hands and feet clear of pinch points.

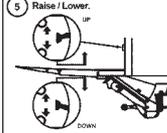
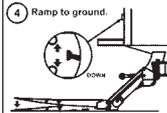
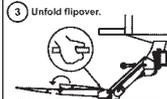
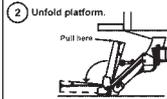
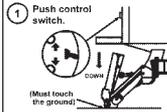
If riding liftgate, make sure load is stable and footing is solid.

(C)

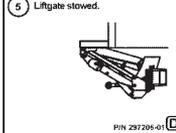
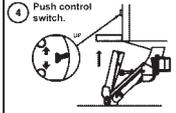
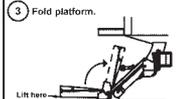
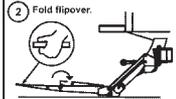
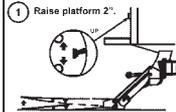
Read and understand all instructions and WARNINGS before use.

## OPERATING INSTRUCTIONS

### OPERATE



### STOW



PIN 297205-01 (D)

## CAUTION

Always stand clear of platform area.

(E)

DECAL SHEET  
P/N 297205-01  
FIG. 9-1

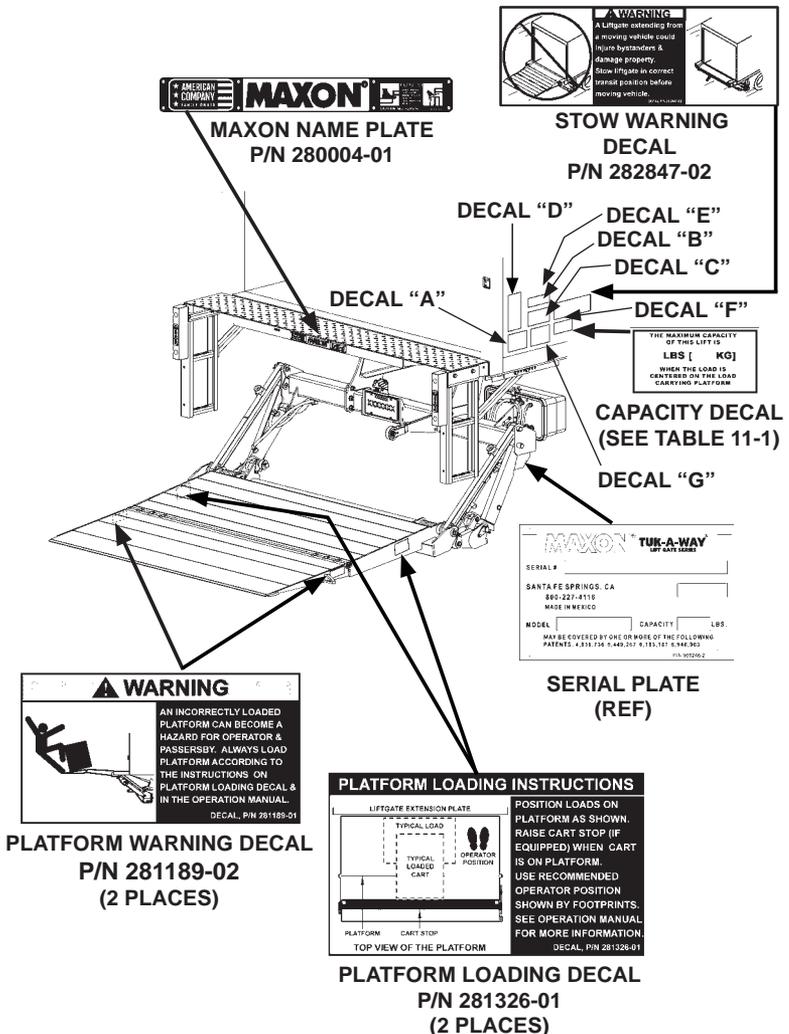
MODEL	DECAL P/N	CAPACITY DECAL
GPT-25	220382	2500 POUNDS
GPT-3	220388	3000 POUNDS
GPT-4	296274-01	4000 POUNDS
GPT-5	296274-02	5000 POUNDS

CAPACITY DECAL  
TABLE 9-1

# DECALS (GPTWR MODELS)

**NOTE:** Ensure there is no residue, dirt or corrosion where decals are attached. If necessary, clean surface before attaching decals.

**NOTE:** Preferred decal layout is shown. Decals on the Liftgate are attached at the factory. If vehicle does not permit this layout, decals in the manual and decal kit must be applied so that they are easily visible when approaching vehicle to operate Liftgate. Use good common sense when locating these decals on vehicle.



## SAFETY INSTRUCTIONS

1. Read **WARNING** decal for the walk ramp before you set up walk ramp & stow walk ramp.
2. To set up walk ramp & stow walk ramp, refer to walk ramp manufacturer's instructions.



**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.

Read and understand all instructions and WARNINGS before use.

**WARNING**

Never operate liftgate when walk ramp is extended. Always stow ramp before operating liftgate.

**CAUTION**

Always stand clear of platform area.

**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.maxwellit.com](http://www.maxwellit.com) or call Customer Service at (800) 227-4116

## OPERATING INSTRUCTIONS

OPERATE	STOW
<p>1 Push control switch.</p> <p>(Must touch the ground)</p>	<p>1 Raise platform 2".</p>
<p>2 Unfold platform.</p> <p>Pull here</p>	<p>2 Fold flipover.</p>
<p>3 Unfold flipover.</p>	<p>3 Fold platform.</p> <p>Lift here</p>
<p>4 Ramp to ground.</p> <p>DOWN</p>	<p>4 Push control switch.</p> <p>UP</p>
<p>5 Raise / Lower.</p> <p>UP DOWN</p>	<p>5 Liftgate stowed.</p>

PIN 297207-01

## 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.

DECAL SHEET  
P/N 297207-01  
FIG. 11-1

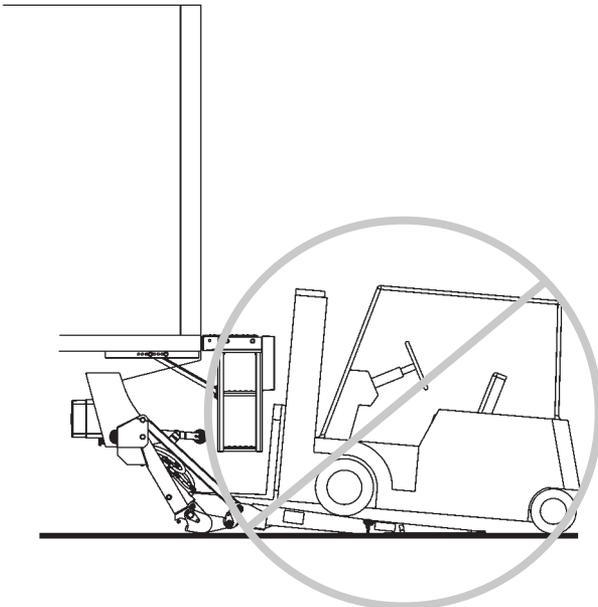
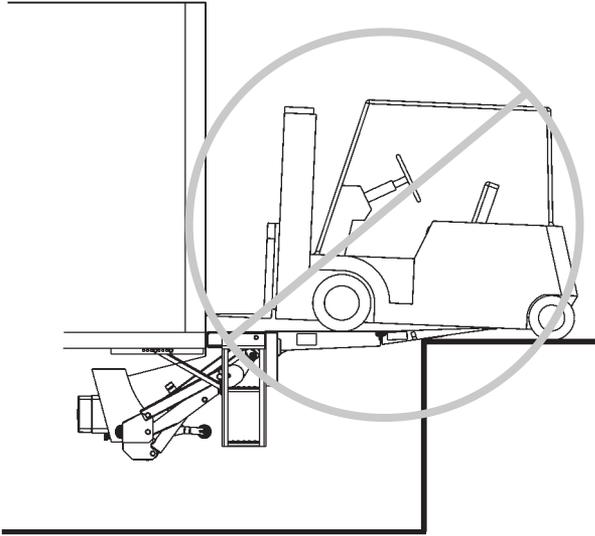
MODEL	DECAL P/N	CAPACITY DECAL
GPTWR-25	220382	2500 POUNDS
GPTWR-3	220388	3000 POUNDS
GPTWR-4	296274-01	4000 POUNDS
GPTWR-5	296274-02	5000 POUNDS

CAPACITY DECAL  
TABLE 11-1

# FORKLIFT ADVISORY

**⚠ WARNING**

**Keep forklift OFF of platform.**



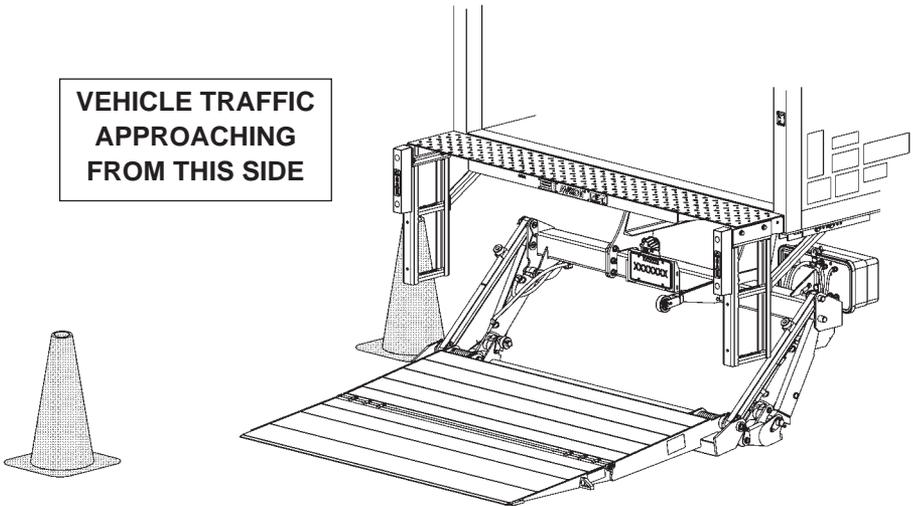
**FIG. 12-1**

# 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.

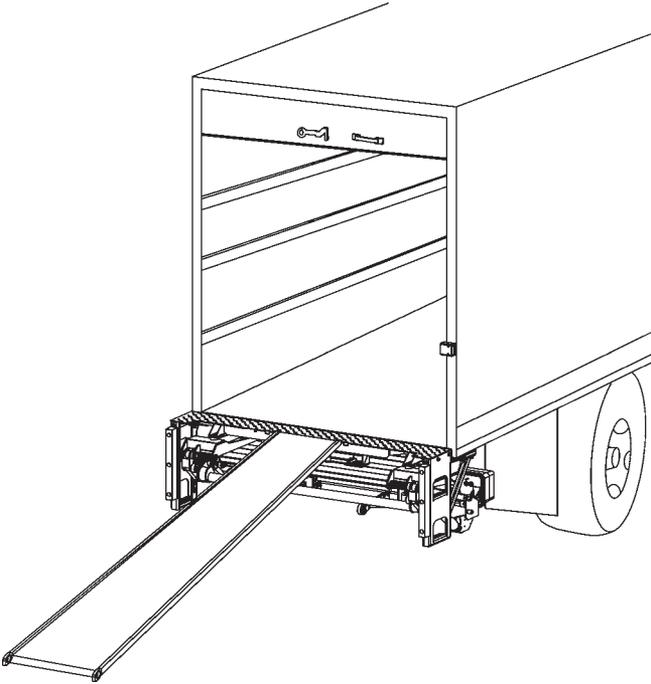


**TRAFFIC CONES POSITIONED BY PLATFORM LOADING AREA  
(GPT LIFTGATE SHOWN)**

**FIG. 13-1**

# OPERATION

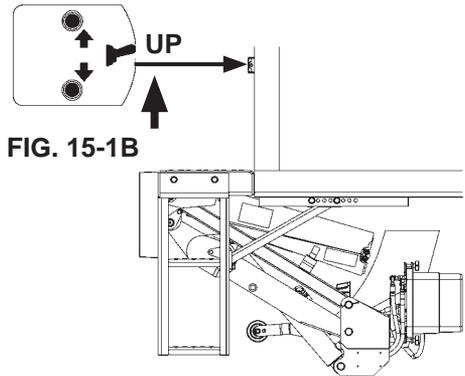
**NOTE:** On vehicles equipped with the **GPTWR**, see the manufacturer's instructions to use walk ramp. Follow all the **WARNINGS & CAUTIONS** that apply to the walk ramp.



**TRUCK EQUIPPED WITH WALK RAMP & GPTWR LIFTGATE  
(LIFTGATE SHOWN STOWED &  
RAMP SHOWN DEPLOYED)**

**FIG. 14-1**

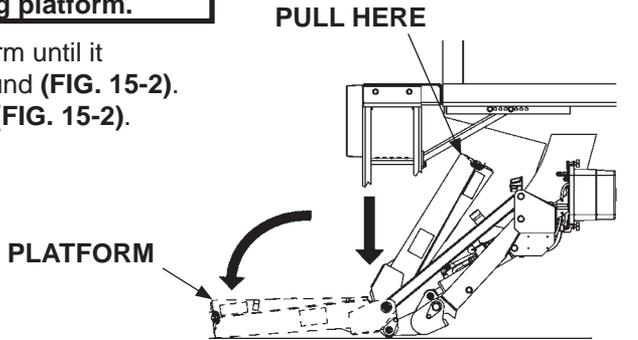
1. Standing to the side of platform (**FIG. 15-1A**), pressurize hydraulic system by pushing the toggle switch to **UP** position for 2 seconds **FIG. 15-1B**.



**FIG. 15-1A**

**⚠ WARNING**  
Never operate control switch while unfolding platform.

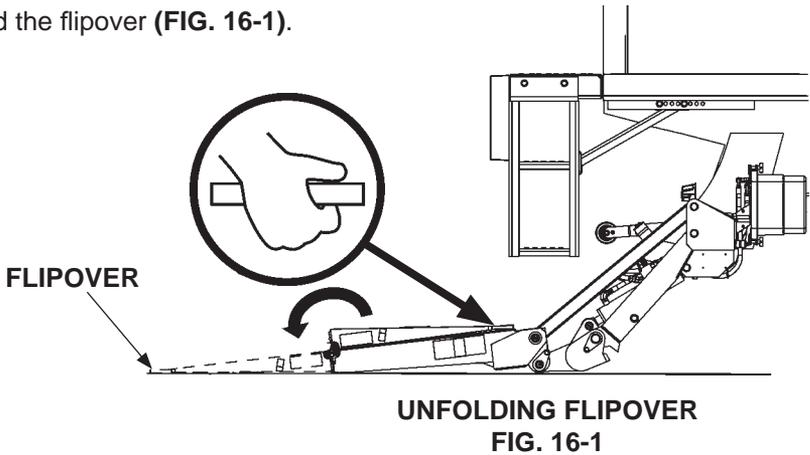
2. Lower the platform until it touches the ground (**FIG. 15-2**). Unfold platform (**FIG. 15-2**).



**UNFOLDING PLATFORM**  
**FIG. 15-2**

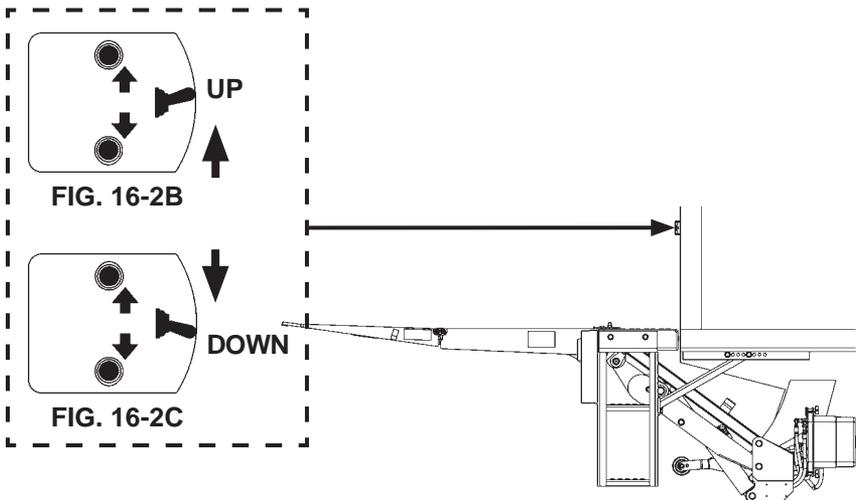
## OPERATION - Continued

3. Unfold the flipover (**FIG. 16-1**).



**NOTE:** While operating the Liftgate, release the toggle switch to stop the platform.

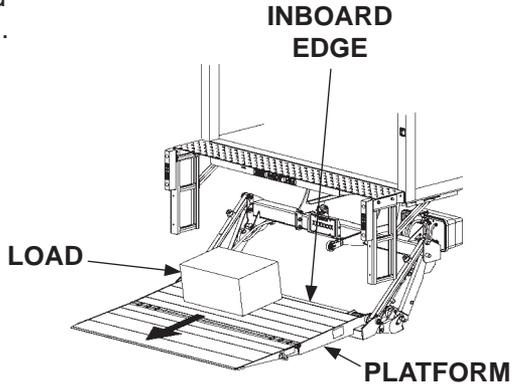
4. Raise the platform (**FIG. 16-2A**) by pushing the toggle switch to the **UP** position (**FIG. 16-2B**). Wait a second before releasing the toggle switch, after platform reaches bed height. To lower the platform, push the toggle switch to the **DOWN** position (**FIG. 16-2C**).



## **WARNING**

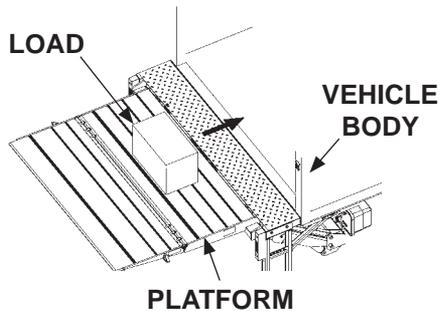
A load should never extend past the edges of the platform. Do not place unstable loads on platform and do not allow load to exceed the lifting capacity of the Liftgate. If standing on platform, do not allow your feet to extend beyond the inboard edge of the platform.

5. Load the platform at ground level as shown in **FIG. 17-1**.



**LOADING PLATFORM AT GROUND LEVEL**  
**FIG. 17-1**

6. Raise the platform to bed level (**FIG. 17-2**). Move load from platform to inside the vehicle body.



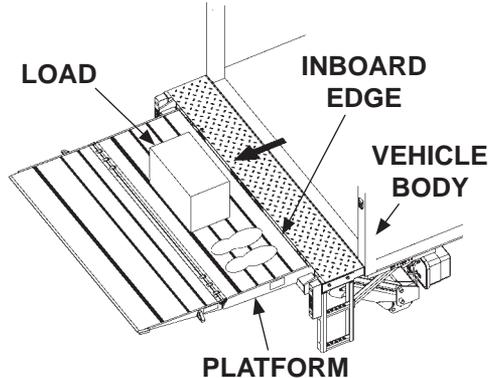
**UNLOADING PLATFORM AT BED LEVEL**  
**FIG. 17-2**

## OPERATION - Continued

### WARNING

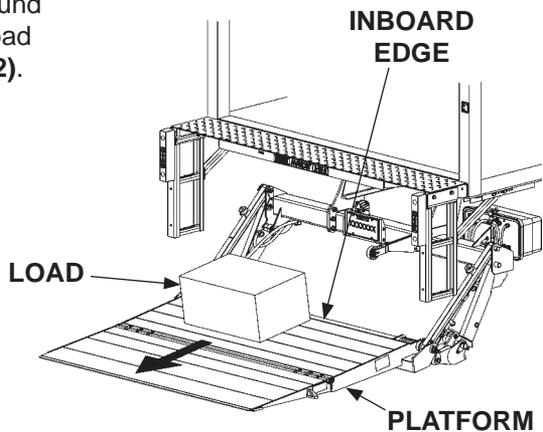
Pulling the load from vehicle to platform can result in a fall from platform and cause serious injury. When unloading vehicle, always push the load out on the platform.

7. Load the platform at bed level as follows. Push load out of the vehicle to correct position on the platform (**FIG. 18-1**). 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. 18-1**. If standing on platform with the load, stand in the footprint area shown and comply with the **WARNING** on the previous page.



LOADING PLATFORM AT BED LEVEL  
FIG. 18-1

8. Lower the platform to ground level (**FIG. 18-2**). Move load off the platform (**FIG. 18-2**).

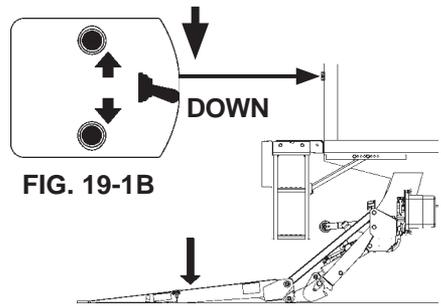


PLATFORM AT GROUND LEVEL  
FIG. 18-2

## **⚠ WARNING**

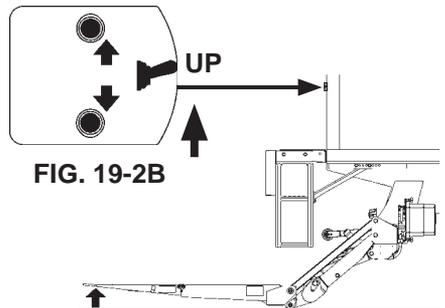
**Never move the vehicle unless the Liftgate is properly stowed.**

9. Before moving the vehicle, prepare the Liftgate as follows. Make sure load is removed from platform. If the platform is at bed height, push the toggle switch to the **DOWN** position as shown in **FIG. 19-1B**. Release toggle switch when platform touches the ground (**FIG. 19-1A**).



**LOWERING LIFT**  
**FIG. 19-1A**

10. Stow the platform by doing the following. Raise the platform 2" above the ground (**FIG. 19-2A**) by pushing the toggle switch to the **UP** position (**FIG. 19-2B**).



**RAISING LIFT**  
**FIG. 19-2A**

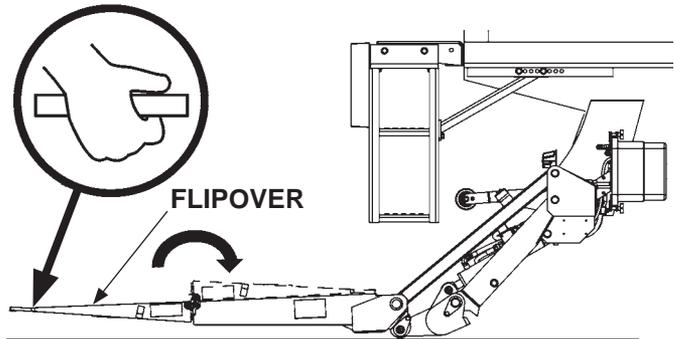
## OPERATION - Continued

### **WARNING**

**Keep hands clear of the platform when folding flipover.**

**NOTE:** Before folding flipover, make sure cart stops are stowed (if equipped).

11. Fold the flipover (FIG. 20-1).

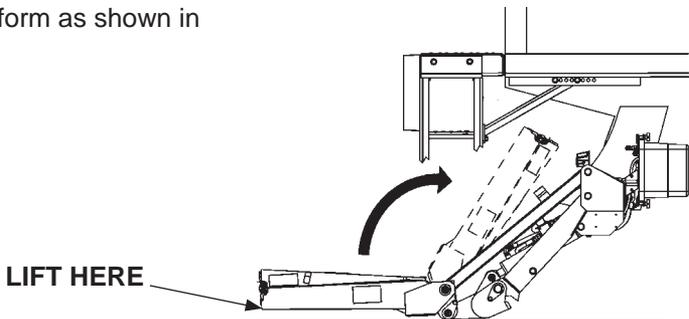


**UNFOLDING PLATFORM**  
**FIG. 20-1**

### **WARNING**

**Keep hands clear of the extension plate when folding the platform under the extension plate.**

12. Fold the platform as shown in FIG. 20-2.

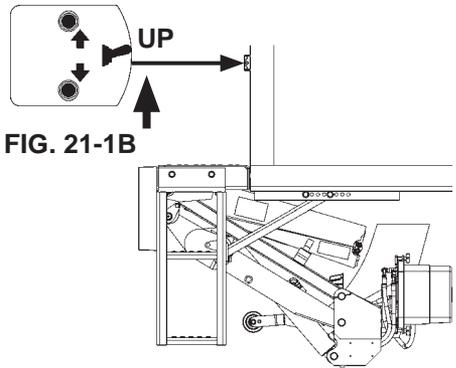


**FOLDING PLATFORM**  
**FIG. 20-2**

## CAUTION

**Stow Liftgate under hydraulic pressure.**

13. Raise the Liftgate by pushing the toggle switch to the **UP** position (**FIG. 21-1B**). Wait a second before releasing toggle switch after Liftgate is raised all the way (**FIG. 21-1A**).



**CORRECTLY STOWED LIFTGATE**  
**FIG. 21-1A**

# USING CART STOPS (IF EQUIPPED)

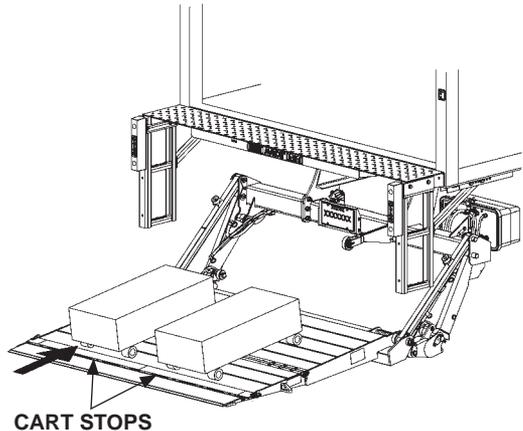
## CAUTION

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 (1 set of controls per cart stop). The following procedure shows dual cart stops. A single cart stop operates the same way.

**NOTE:** Cart stops are usually closed when not in use. If you find the carts stops are already open when rolling a load from the ground to the platform, you may roll the load over the cart stop. The cart stop will close temporarily as the load crosses and reopen when the load is off the cart stop.

1. At ground level, move load on platform with cart stops as shown in **FIG. 22-1**.

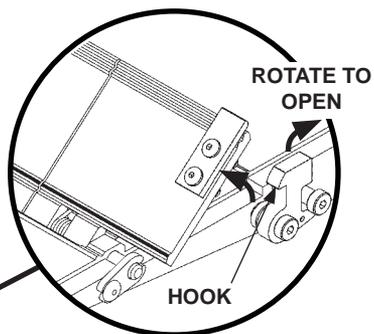


**LOADING PLATFORM AT GROUND LEVEL  
(CART STOPS CLOSED)  
FIG. 22-1**

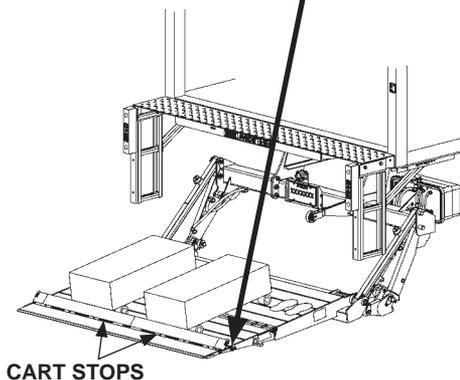
**NOTE:** Cart stops are opened by rotating the hook (FIG. 23-1B).

2. Open cart stops (FIGS. 23-1A and 23-1B).

Next, position cart and stand in the footprint area as shown in FIG. 23-1A.



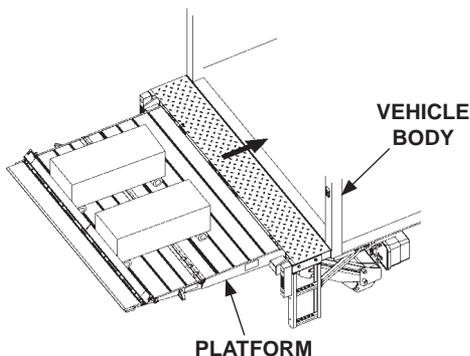
**OPENING CART STOPS  
(RH SIDE OF FLIP OVER)  
FIG. 23-1B**



CART STOPS

**CART STOPS OPEN  
FIG. 23-1A**

3. Raise the platform to bed level (FIG. 23-2). Move the load off the platform into the vehicle body (FIG. 23-2).



VEHICLE  
BODY

PLATFORM

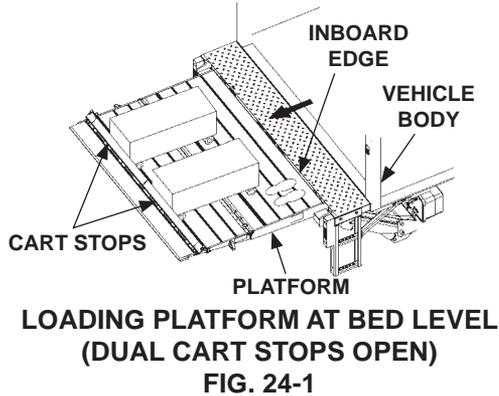
**UNLOADING PLATFORM AT BED LEVEL  
(DUAL CART STOPS OPEN)  
FIG. 23-2**

# USING CART STOPS (IF EQUIPPED) - Continued

## 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.

4. When loading the platform at bed level, make sure cart stops are open (**FIG. 24-1**). 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. 24-1**. If standing on platform with the load, stand in the footprint area shown and comply with the **WARNING** on page 18.



**NOTE:** Cart stops are kept closed with a hook (**FIG. 24-3**). Make sure latch is locked.

5. Unload platform with cart stop at ground level as shown in **FIG. 24-2**. Make sure cart stop is closed before moving load off the platform. To close, push the cart stop and hook in place (**FIG. 24-3**).
6. Move load off the platform as shown in **FIG. 24-2**.

