



JOHN DEERE

## USE AND CARE

### 54" Lawn Sweeper

Read the general safety operating precautions in your machine operator's manual for additional safety information.

#### **CALIFORNIA - Proposition 65 Warning.**

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.



*If this product contains a gasoline engine:*

**WARNING:** The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

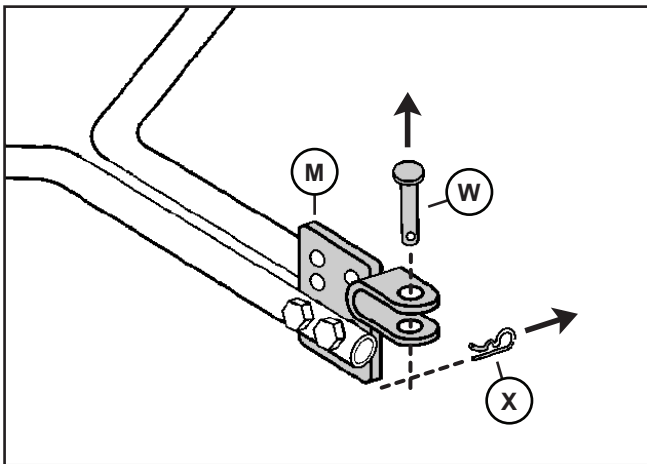
The State of California requires the above two warnings.  
Additional Proposition 65 Warnings can be found in this manual.

# Use and Care

Read the general safety operating precautions in your machine operator's manual for additional safety information.

## Installing

1. Park machine safely.  
(See "Parking Safely" in Safety section).

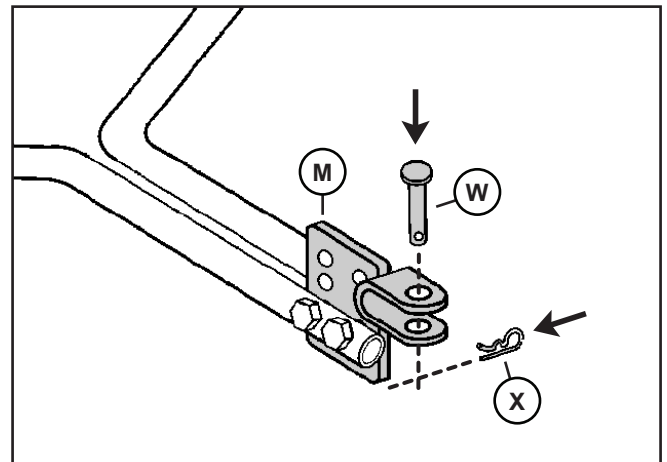


2. Remove large hairpin cotter (X) and 1/2 x 2-1/2 in hitch pin (W) from hitch clevis (M) of sweeper or other storage location.
3. Pull sweeper forward and position hitch clevis to straddle machine rear hitch plate or drawbar (not shown). Align all hitch pin holes, then install hitch pin down through hitch clevis and machine hitch, securing with large hairpin cotter.

## Removing

NOTE: Refer to illustration in the Installing Section, earlier in this manual.

1. Park machine safely.  
(See "Parking Safely" in Safety section).
2. Remove large hairpin cotter from hitch pin.
3. Hold sweeper tow tubes to remove pressure from hitch pin, then remove hitch pin from hitch clevis and rear hitch plate or drawbar on machine.
4. Pull or push sweeper backward to disengage hitch clevis from machine hitch, install hitch pin (W) in hitch clevis for storage and secure with large hairpin cotter.

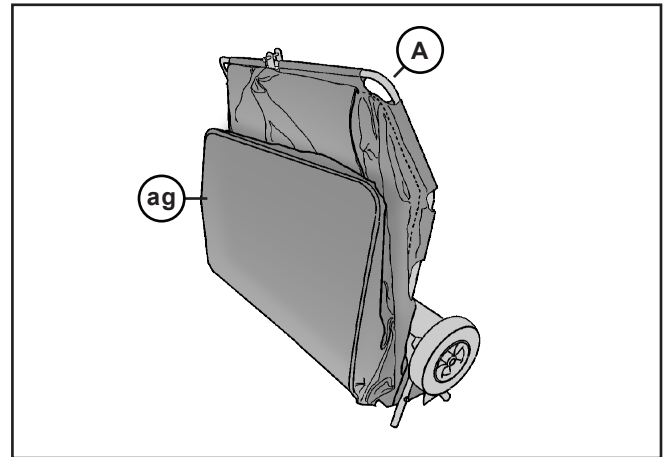
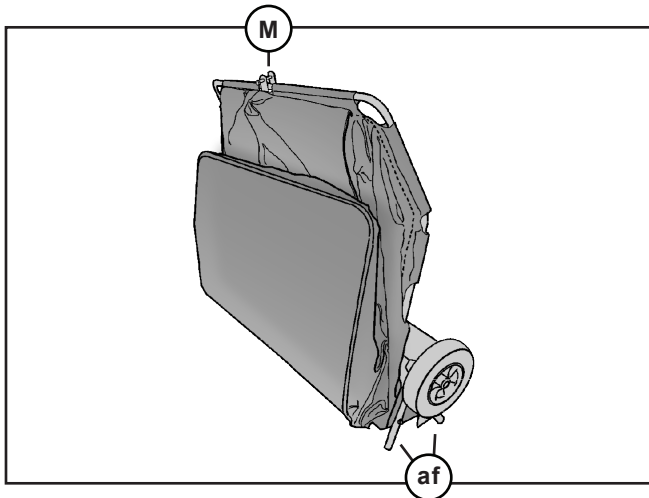


# Use and Care

Read the general safety operating precautions in your machine operator's manual for additional safety information.

## Storing

1. Disconnect windscreen loops or elastic straps (where applicable) for storage.
2. Remove any loose material from hamper and brush housing / drive assembly. The sweeper should be clean & dry before configuring for storage.
3. Remove small hairpin cotters and clevis pins securing hamper assembly to brush housing and remove hamper assembly.
4. Unlock spreader bars and collapse hamper.
5. Remove large hairpin cotter & hitch pin from hitch clevis, if stored there.
6. Move lift handle to the index hole farthest forward (*toward tow tubes*).



8. Lift the collapsed hamper assembly by the rear tubes, positioning the middle of the upper rear tube (A) at the center hamper cut-out over the opening in the hitch clevis (the inside of the hamper faces the lift handle and tow tubes, and the bottom (ag) of the hamper facing outward). Lower the hamper to rest in the hitch clevis.
9. Replace hitch pin and large hairpin cotter.

7. Roll sweeper to desired storage area, lift hitch clevis (M) to pivot sweeper to vertical position and resting on the upper frame assembly tubes (af) at rear of sweeper (bottom of sweeper should face wall).

# Use and Care

**CAUTION: WHILE IN USE, THE PULL ROPE CAN BE UNDER SOME STRONG TENSION. TO PREVENT ANY POTENTIAL INJURY OR FINGER AMPUTATION, PLEASE BE AWARE OF THE FOLLOWING:**

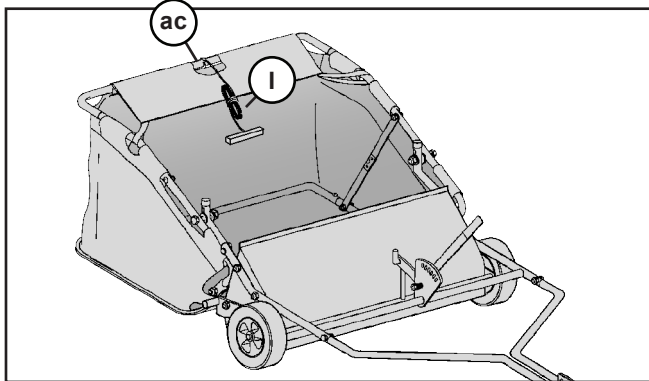


- DO NOT wrap the pull rope around your wrists, fingers or ANY body parts.
- DO NOT use the pull rope while the towing vehicle is moving.
- Attach the pull rope as directed on page 9 of this manual.
- Avoid overfilling the hamper. Heavy loads are more difficult to dump.
- Park towing vehicle and set the parking brake before dumping material.
- Use the handle that has been provided.
- AFTER DUMPING THE HAMPER: Always make sure to fully secure the pull handle to the back of the towing vehicle using the Hook and Loop tape.

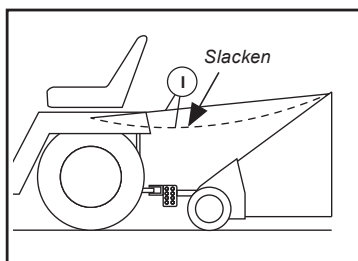


## Connecting Pull Rope to the Mower

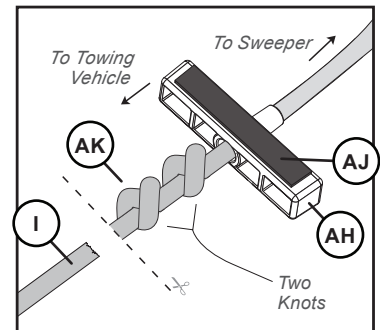
1. With the sweeper attached to the towing vehicle, tie one end of the rope (I) to the sweeper hamper in location shown (AC).



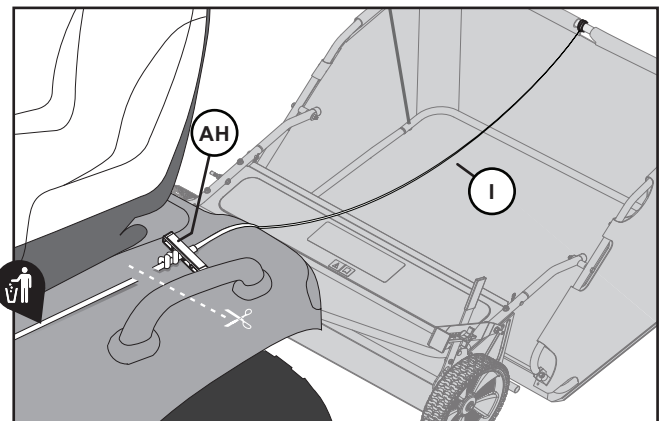
2. Extend Pull Rope (I) to the back of the towing vehicle to an area that will be easily accessible from the towing vehicle seat. Note: This is the area that the Pull Handle (AH) will be attached.
3. Allow the Pull Rope (I) to slacken several inches.
4. Droop between the towing vehicle & tied point on the Hamper.
5. Tie 2 knots in this area of the Pull Rope and drag the Handle (AH) toward the knots. Pull to secure their position on the rope.



6. Clean the area of the towing vehicle where the Pull Handle (AH) will be attached.
7. Affix the adhesive Hook and Loop (AJ) tape to the back of the towing vehicle in the cleaned area.



**CAUTION:** The pull rope and handle can get tangled in the sweeper brushes of the sweeper during operation. Discarding excess rope could prevent injury.



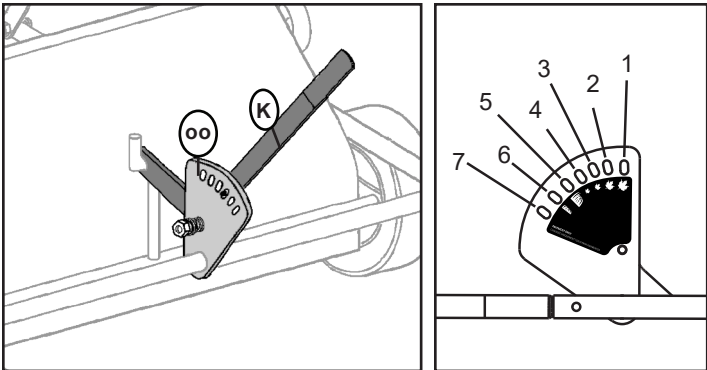
8. Cut and discard any excess rope below the two knots that have been tied.



# Use and Care

## Adjusting Brush Height

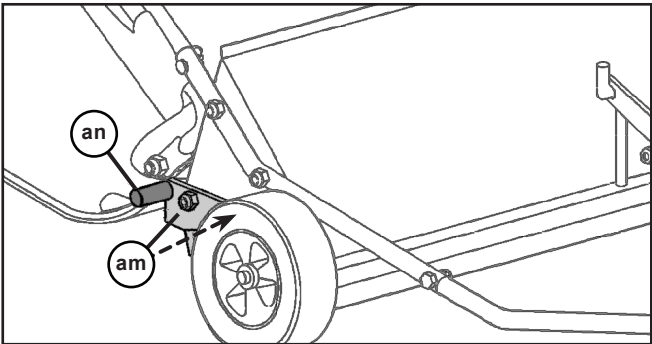
NOTE: Setting brush height too low for sweeping conditions causes excessive wheel slippage. For maximum performance, adjust brush height as high as possible for the material and conditions.



1. Pivot lift handle (K) away from lock plate (oo) to disengage lock pin in handle from index hole in lock plate.
2. Move lift handle forward (away from brush housing) to raise brush height, or back (toward brush housing) to lower brush height. Align lock pin with appropriate index hole in lock plate and release lift handle to secure height adjustment.

## Leveling Hamper

After the brush height has been set, the hamper stop assembly may have to be adjusted so that the hamper assembly is level.



1. Loosen slightly two nuts (am) securing each side of hamper stop bracket to brush housing. The rear bracket mounting holes in the brush housing are slotted, allowing the bracket to be pivoted up or down for adjustment.
2. Tap the hamper stop tube (an) up or down to adjust the resting position of the hamper so that it is approximately level and at least 5 inches off the ground. Tighten hardware.

Brush Height / Hole Setting	Sweeping Conditions
Ground level Use hole 7	Smooth surfaces Driveways, parking lots and sidewalks.
Ground level to 25 mm (1 in.) Use holes 5-6	Short or mowed lawns
25mm (1 in.) to 50mm (2 in.) Use holes 3-4	Medium grass under normal conditions, or light leaves.
50mm (2 in.) to 75mm (3 in.) Use holes 1-2	High grass, heavy leaves or heavy grass clippings.

## Operating Speed

The operating ground speed of the sweeper has a direct effect on how swept material is thrown into the hamper. Material will be thrown farther toward the back of the hamper as ground speed increases.

Operate the sweeper at a ground speed that will throw material to the back of the hamper. Under normal conditions, that will be 5 – 6.5 km/h (3 – 4mph), approximately the speed of a brisk walk.

SPEED  
LIMIT

3-4  
mph

# Use and Care

## Using the Windscreen

Your unit will come with one of two hampers: a Full Windscreen or a Partial Windscreen. *The windscreen operation is detailed as follows:*

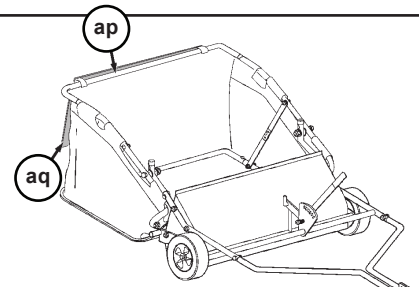
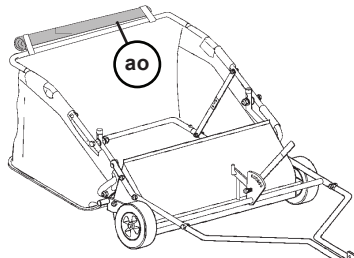
### FULL WINDSCREEN

### PARTIAL WINDSCREEN

#### Position 1: FULLY OPEN

Purpose: Can be used when there is little to no wind; Operating speed should be slower to ensure material is not thrown over the hamper.

1. Roll the windscreen to the top of the hamper as shown (ao).
2. Use the hook and loop straps to hang the windscreen from the back of the Hamper.

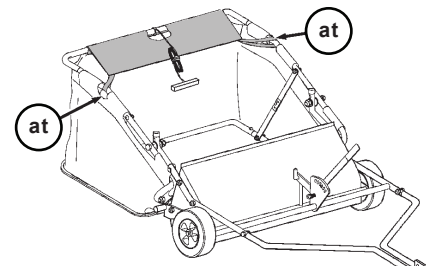
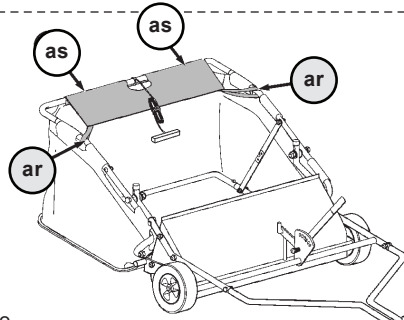


1. Allow the windscreen (aq) to droop off the back of the unit as shown.

#### Position 2: PARTIALLY OPEN

Purpose: Can be used in medium wind to prevent material from blowing out of hamper. Operating speed should be slower to ensure material is not thrown over the hamper or windscreen.

1. Unroll the windscreen.
2. Attach the windscreen to the hamper upper side tubes using the hook & loop straps in the middle (ar) of the windscreen.
3. Fold the windscreen back & attach the elastic straps to the hook & loop on the back (as) of the hamper.

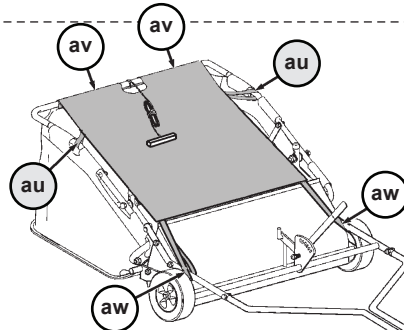


1. Attach the windshield to the upper side tubes of the basket using the velcro strips (at) at the end of the windshield.

#### Position 3: FULLY CLOSED

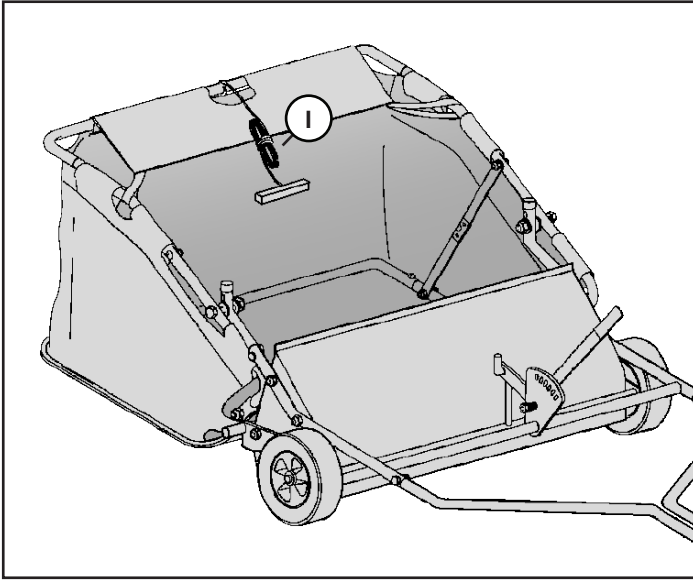
Purpose: Can be used in higher winds to prevent material from blowing out of hamper; operating speed can be higher (maximum operating speed is 5mph).

1. Unroll the windscreen.
2. Attach the windscreen to the hamper upper side tubes using the hook & loop straps in the middle (au) & back (av) of the windscreen.
3. Attach the windscreen to the Brush Housing by tying the hook & loop straps around the upper frame assembly on the side of the brush housing at location (aw).



## Emptying Hamper

**NOTE:** Avoid overfilling hamper, especially when sweeping freshly mowed grass or other moist material. Extremely heavy loads will be difficult to dump.



The hamper pull rope (I) can be routed to the tow machine operator's area and temporarily secured. The operator can then empty the hamper while seated in the operating position.

### TO EMPTY HAMPER:

1. Stop machine.
2. Engage park brake.
3. Pull on hamper pull rope (I) to tilt hamper forward/upward, allowing material to exit the opening at the front of the hamper.



**CAUTION:** While in use, the pull rope can be under some strong tension. To prevent any potential injury or FINGER amputation, please be aware of the following:

- DO NOT wrap the pull rope around your wrists, fingers or ANY body parts.
- DO NOT use the pull rope while the towing vehicle is moving.
- Attach the pull rope as directed on page 9 of this manual.
- Avoid overfilling the hamper. Heavy loads are more difficult to dump.
- Park towing vehicle and set the parking brake before dumping material.
- Use the handle that has been provided.
- AFTER DUMPING THE HAMPER: Always make sure to fully secure the pull handle to the back of the towing vehicle using the Hook and Loop tape.



# Service / Quality

## General Maintenance

**NOTE:** *Never allow wet material to remain in hamper for extended periods of time.*



- Clean all material from the hamper and brush housing after each use. Maintain the unit in a clean, dry condition for best results.
- Check all moving parts periodically for freedom of movement. Routine lubrication is not required, if a problem exists: Lightly lubricate problem area or see your John Deere dealer to determine cause of problem.
- Check all external fasteners for tightness.
- Inspect for rust on painted metal surfaces. Sand lightly and touch up damaged area with enamel paint as necessary.

## John Deere Quality Continues with Quality Service

John Deere provides a process to handle your questions or problems, should they arise, to ensure that product quality continues with quality parts and service support.

### Follow the steps below to get answers to any questions you may have about your product.

1. Refer to your attachment and machine operator manuals.
2. In North America or Canada, call Brinly-Hardy Co. Customer Service at 1-866-218-8622 and provide the product serial number (if available) and model number.

This product was manufactured by Brinly-Hardy Co., a John Deere Licensee, located at 3230 Industrial Pkwy, Jeffersonville, IN 47130. If you have any questions or concerns with the assembly, installation or operation of this attachment see your local John Deere Dealer or call Brinly-Hardy Co. at 866-218-8622 for assistance.





## Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.