

VEVOR SX2806

VEVOR SX2806 Hydraulic Lawn Mower Lift User Manual

Model: SX2806 | Brand: VEVOR

1. INTRODUCTION AND SAFETY INFORMATION

Thank you for choosing the VEVOR SX2806 Hydraulic Lawn Mower Lift. This manual provides essential information for the safe assembly, operation, and maintenance of your lift. Please read and understand all instructions before using the product. Keep this manual for future reference.

1.1 General Safety Warnings

- **Read All Instructions:** Before operating the lift, thoroughly read and understand all safety warnings and instructions provided in this manual.
- **Weight Capacity:** Do not exceed the maximum load capacity of 500 lbs (225 kg). Overloading can cause damage to the lift and serious injury.
- **Stable Surface:** Always operate the lift on a hard, level, and stable surface. Uneven surfaces can cause the lift to tip over.
- **Secure the Load:** Ensure the lawn mower or vehicle is properly centered and secured on the tire support racks before lifting. Use wheel chocks to prevent movement.
- **Locking Mechanism:** Always engage the safety locking mechanism once the desired height is reached. Never work under a load supported only by the hydraulic jack.
- **Clear Area:** Keep hands, feet, and other body parts clear of moving parts and pinch points during lifting and lowering operations.
- **Personal Protective Equipment:** Wear appropriate safety gear, such as safety glasses and gloves, when operating the lift.
- **Children and Bystanders:** Keep children and unauthorized persons away from the work area.
- **Inspection:** Before each use, inspect the lift for any signs of damage, wear, or loose fasteners. Do not use if damaged.
- **Hydraulic Fluid:** Handle hydraulic fluid with care. Refer to the hydraulic jack's specific instructions for fluid maintenance.

2. PRODUCT OVERVIEW

The VEVOR SX2806 Hydraulic Lawn Mower Lift is designed to safely elevate lawn mowers, riding tractors, tillers, brush cutters, and ATVs for maintenance tasks such as blade sharpening, cleaning, and repairs. It features a robust carbon steel construction and a hydraulic lifting mechanism for ease of use.

2.1 Key Features

- **500 lbs (225 kg) Load Capacity:** Provides reliable support for various lawn and garden equipment.
- **Hydraulic Lifting:** Allows for smooth and controlled lifting up to 25.9 inches (658 mm).
- **Adjustable Tire Racks:** Features 4 settings on each end to accommodate front wheel tire outer edges from 40.4 inches to 48.2 inches (1027-1225 mm).
- **Stable Design:** Constructed from high-quality carbon steel with a secure locking mechanism and non-slip rubber covers on the base.
- **Movable and Space-Efficient:** Equipped with non-slip casters for easy mobility and a foldable design for compact storage.

2.2 Package Contents

- Main Frame (1)
- Operating Lever (1)
- Tire Support Racks (2)
- 5-inch Wheels (2)
- Wheel Fixing Piece (1)
- Washers (2)
- Cotter Pins (2)
- User Manual (1)

500 LBS MAXIMUM LOAD CAPACITY

Compatible with most lawn mowers and small tractors



500 lbs



Supports maximum wheelbase width: 40.4"-48.2"



Image: VEVOR SX2806 Hydraulic Lawn Mower Lift supporting a riding mower. This image highlights the 500 lbs maximum load capacity and adjustable wheelbase width.

3. SETUP INSTRUCTIONS

The VEVOR SX2806 lift comes mostly pre-assembled. Follow these steps to complete the setup:

1. **Attach Wheels:** Securely attach the two 5-inch wheels to the main frame using the provided wheel fixing piece, washers, and cotter pins. Ensure all connections are tight.
2. **Install Tire Support Racks:** Slide the two tire support racks onto the main frame. Adjust their position to match the width of your mower's front wheels. The adjustable tire frame arms have 4 settings on each end, accommodating outer tire edges from 40.4 to 48.2 inches. Secure them in place with the locking pins.
3. **Insert Operating Lever:** Insert the operating lever into the designated opening on the hydraulic jack.
4. **Bleed the Hydraulic Jack (First Use):** Before initial use, it is recommended to bleed the hydraulic jack to remove any air. Consult the hydraulic jack's specific instructions for a step-by-step guide on bleeding.

Typically, this involves opening the relief valve slightly and pumping the handle a few times.

5. **Check Fasteners:** Verify that all bolts, nuts, and pins are securely tightened. Periodically check and re-tighten fasteners as needed.



Image: The adjustable tire rack width feature, demonstrating compatibility with various wheelbase sizes from 40.4 to 48.2 inches.

4. OPERATING INSTRUCTIONS

4.1 Preparing for Lift

1. **Position the Lift:** Place the lift on a firm, level surface. Ensure there is ample clear space around the lift and the mower.
2. **Adjust Tire Racks:** Adjust the tire support racks to the correct width for your mower's front wheels (40.4" to 48.2" outer edge).
3. **Prevent Sliding:** To prevent the lift from sliding when driving the mower onto it, place wheel chocks or small pieces of wood under the lift's wheels. This creates a stable ramp for the mower to ascend.
4. **Drive Mower On:** Slowly and carefully drive the front wheels of your lawn mower onto the tire support racks. Ensure the mower is centered and stable.
5. **Engage Tire Retainers:** Position the tire retainers to secure the mower's wheels in place.

4.2 Lifting the Mower

1. **Close Relief Valve:** Ensure the hydraulic jack's relief valve is fully closed by rotating it clockwise.
2. **Pump Handle:** Insert the operating lever into the pipe opening. Pump the handle up and down to raise the lift.
3. **Engage Safety Lock:** Once the desired height is reached, engage the safety locking pin into one of the three available slots on the base. **Never work under the mower without the safety lock engaged.**

LIFT THE CHASSIS WITH MINIMAL EFFORT

Flexibly utilize both ends of the handle to complete



Effort saving



Time saving

To lift: 

1



Tighten the hydraulic valve

2



Insert the curved end of the handle into the pipe opening

3



Rock the handle up and down until height is locked

To lower: 

1



Step on the foot pedal to release the locking slot

2



Insert the notched end of the handle into the relief valve

3



Slowly rotate counterclockwise

Image: Detailed steps for lifting and lowering the mower using the hydraulic jack and operating lever.

4.3 Lowering the Mower

1. **Disengage Safety Lock:** Step on the foot pedal to release the locking slot.
2. **Open Relief Valve:** Slowly rotate the hydraulic jack's relief valve counter-clockwise to gradually lower the mower. Do not open too quickly to avoid rapid descent.
3. **Remove Mower:** Once fully lowered, carefully drive the mower off the tire support racks. You may need to place small pieces of wood behind the lift's wheels to assist in backing off.

EASY TO STORE AND MOVE

No pressure when taking out or storing



Image: Illustrates the lift in use, providing access for maintenance under a riding tractor.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your VEVOR SX2806 Hydraulic Lawn Mower Lift.

- **Cleaning:** Clean the lift regularly with a damp cloth. Avoid using harsh chemicals that could damage the finish or components.
- **Lubrication:** Periodically lubricate all pivot points and moving parts with a light machine oil to ensure smooth operation.

- **Hydraulic Fluid:** Check the hydraulic fluid level in the jack periodically. If low, refill with a high-quality hydraulic jack oil according to the jack manufacturer's instructions.
- **Inspection:** Before each use, inspect the entire lift for any signs of damage, cracks, bends, or loose fasteners. Pay close attention to welds, pins, and the hydraulic cylinder.
- **Storage:** When not in use, clean the lift and store it in a dry, protected area. The lift can be folded for compact storage.



Image: The VEVOR lawn mower lift designed for easy storage, showing its compact form when not in use.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your VEVOR SX2806 Hydraulic Lawn Mower Lift.

Problem	Possible Cause	Solution
Lift slides when driving mower on/off.	Insufficient friction between lift wheels and ground.	Place wheel chocks or small pieces of wood under the lift's wheels to prevent movement. Ensure the ground surface is not excessively smooth or slippery.
Lift does not raise or raises slowly.	Relief valve not fully closed; Low hydraulic fluid; Air in hydraulic system; Overload.	Ensure relief valve is fully closed. Check hydraulic fluid level and refill if necessary. Bleed air from the hydraulic system (refer to jack instructions). Do not exceed 500 lbs capacity.
Lift lowers too quickly or unexpectedly.	Relief valve opened too quickly; Internal hydraulic leak.	Slowly rotate the relief valve counter-clockwise for controlled lowering. If the issue persists, discontinue use and contact customer support for inspection.
Safety locking pins do not engage properly.	Misalignment; Loose fasteners; Damaged pins/slots.	Ensure the lift is on a level surface and the mower is centered. Check and tighten all fasteners. Inspect pins and slots for damage; replace if necessary.

Problem	Possible Cause	Solution
Components appear misaligned during assembly.	Manufacturing tolerance; Incorrect assembly step.	Carefully review assembly instructions. Apply gentle force to align holes if minor adjustments are needed. Do not force components if significant resistance is met.

7. SPECIFICATIONS

Feature	Detail
Model Number	SX2806
Load Capacity	500 lbs (225 kg)
Lifting Height	0 - 25.9 inches (0 - 658 mm)
Lifting Type	Hydraulic
Main Material	Carbon Structural Steel
Product Weight	55.8 lbs (25.3 kg)
Product Dimensions (D x W x H)	40.16" x 40.43" x 4.92" (1020 x 1027 x 125 mm)
Adjustable Wheelbase Width	40.4" - 48.2" (1027 - 1225 mm) (outer tire edge)
Power Source	Hand-powered
Operation Mode	Manual



Item Model Number:

SX2806

Load Capacity:

500 lbs / 225 kg

Lifting Height:

0-25.9 inch / 0-658 mm

Lifting Type:

Hydraulic

Lifespan:

150-200 times

Main Material:

Carbon Structural Steel

Product Weight:

55.8 lbs / 25.3 kg

Product Dimension:

40.2" x 40.4" x 4.9" / 1.0 x 1.0 x 0.1 mm

Package Contents:

**2 x 5" Wheels , 2 x Tire Support Racks , 1 x Operating Lever , 1 x Main Frame
1 x Wheel Fixing Piece , 2 x Washers , 2 x Cotter Pins , 1 x Manual**

Image: Technical specifications and dimensions of the VEVOR SX2806 Hydraulic Lawn Mower Lift.

8. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact VEVOR customer service. Keep your purchase receipt and model number (SX2806) handy when contacting support. You can find more information and contact details on the official VEVOR website or through your retailer.

