

Cub Cadet®

CHL 500

MOWER LIFT



CHL 500 Item #45601

OPERATING AND SERVICE MANUAL

INTRODUCTION

This manual contains assembly, parts, operating, maintenance, adjustment and safety instructions for the Cub Cadet CHL 500 Mower Lift.

BEFORE USING YOUR LIFT, CAREFULLY READ THIS MANUAL IN ITS ENTIRETY.

By following these operating, maintenance and safety instructions, you will prolong the life of your lift and promote safe operation.

If additional information is needed, or should you require a trained service mechanic, contact your authorized Cub Cadet Dealer or call Customer Service at 1-877-575-3173.

All lift parts are thoroughly tested and inspected before leaving the factory to ensure that they comply with all relevant safety standards.

NOTE: Please save this manual for future reference.

NOTE: Location of unit Serial Number.

MODEL	CHL 500
MAX.LOAD	500 lbs / 226 kg
SERIAL No.	
Patent #: U.S., 8,448,920	
Manufacturer: MoJack	
Address: 3535 N. Rock Road, Wichita KS 67226 USA	



NEED ASSISTANCE?

Contact your Cub Cadet dealer or call
1-877-575-3173

Patent #: U.S., 8,448,920

WARNINGS AND SAFETY INSTRUCTIONS

- ⚠ Read and understand all safety and operating instructions before using the mower lift.
- ⚠ Never allow anyone unfamiliar with the safety or operating instructions to use the lift.
- ⚠ Follow all safety and servicing instructions provided by the lawn mower's manufacturer before using the lift.
- ⚠ Do not modify the lift in any way. Any modifications will void any and all warranties and could compromise your personal safety.
- ⚠ When using the lift, keep ALL bystanders at a safe distance away from the mower lift.
- ⚠ The lift must be used on a solid level surface.
- ⚠ Only lift the FRONT end on the mower.
- ⚠ Do not lift the front end and back end of the mower at the same time.
- ⚠ Only use the lift for mowers that are less than 500lbs (226 kg) front end weight and properly fits in the provided wheel pads. (ie. 10" to 17" diameter and within the inside to outside wheel measurements of 18.5" to 47.5").
- ⚠ Always stop engine and remove key before beginning any work on the mower.
- ⚠ Always engage the mower's parking brake when using the lift.
- ⚠ Never operate the engine while using the mower lift.
- ⚠ Do not exceed the lifting capacity of 500 lbs. (226 kg) front end weight. If you have a question regarding weight of your machine, please contact your local Cub Cadet Dealer or call 1-877-575-3173.
- ⚠ Safety Locking Handle must be locked before starting any service on mower.
- ⚠ Do not remove safety warnings or decals from lift.
- ⚠ Before each use, always check for any worn, loose or damaged parts on the lift. If any damaged parts are present, do not use the lift and consult a Cub Cadet Dealer or call 1-877-575-3173.
- ⚠ Do not climb on mower while it is lifted, being lifted or being lowered.
- ⚠ No one should be on the mower while it is lifted, being lifted or being lowered.
- ⚠ Always place wheel chocks (not included) behind the back tires of the mower before beginning maintenance.
- ⚠ Wheel Pads must be equal distance from the Lift Arm to maintain proper balance.
- ⚠ Always secure front mower tires with enclosed safety straps.
- ⚠ When using the attachment for lawn mowers, DO NOT lift the back of the lawn mower. Proper use of the attachment is to lift the side of the lawn mower for maximum stability.
- ⚠ Some mowers which are equipped with a fuel tank vent may spill fuel when lifted. If this happens, run fuel level down in the tank to prevent spilling.
- ⚠ Always use proper personal protection equipment.
- ⚠ Failure to follow these warnings may result in property damage and serious bodily injury or death.

IMPORTANT: The mower lift is intended for use with mowers only. Do not exceed 500 lbs. (226 kg) front end weight. It should never be used to service other types of machinery unless there is an approved accessory fitted for the type of machinery. Please consult your local Cub Cadet Dealer.

Spanish and French Canadian language manuals and decals are available upon request. Please contact 1-877-575-3173 to request an alternative language owners manual kit.

Manuels de compétence linguistique canadiens espagnols et français et des autocollants sont disponibles sur demande. S'il vous plaît contacter 1-877-575-3173 pour demander un kit manuel du propriétaire de l'autre langue.

Manuales de idiomas español y francés de Canadá y calcomanías están disponibles bajo petición. Por favor, póngase en contacto con 1-877-575-3173 para solicitar un kit propietarios manual de lenguaje alternativo.

WARRANTY AND RETURNS

LIMITED WARRANTY

For two years for residential use and one year for commercial use MoJack warrants the product against failure due to defect in material or workmanship when product is used properly. MoJack will replace any defective part at no cost. This warranty does not cover any product that has been altered or adjusted, or any product that has been misused or abused. THIS IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY. MOJACK DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. MOJACK SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES OR PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF THE IMPLIED WARRANTIES OR THE REMEDIES FOR BREACH OF THE IMPLIED WARRANTIES, SO THESE EXCLUSIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

What does this warranty cover?

This warranty covers against a failure due to a defect in material or workmanship within two years of purchase for residential use and within one year of purchase for commercial use.

What does this warranty NOT cover?

This warranty does not cover any jack which has been altered or adjusted in any way from its original model. It will not cover any jack which has been damaged due to misuse, abuse, accident or negligence. This warranty does not cover incidental or consequential damages.

What is the period of coverage?

Frame: 2 year for Residential. 1 year for Commercial
Hydraulic Cylinder: 1 year.

What will be done to correct problems?

We will replace any defective part (within the coverage period) at no charge.

How can I get service?

In order to be eligible for service under this warranty you MUST register your jack within thirty (30) days of purchasing. You must keep your receipt as proof of date of sale. You can register your new jack on our website at www.themojack.com or by calling our toll-free number 1-877-575-3173.

How do I contact someone about a warranty issue?

You can contact your local Cub Cadet dealer or by calling our toll-free number 1-877-575-3173.

Do I have other rights under State Law?

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

What is the return policy?

Within thirty (30) days of the date that you receive your jack. Please contact your Cub Cadet dealer for return policies and procedures or call our toll-free number 1-877-575-3173.

How do I make a return?

Contact us within the return period. We will issue you a Return Merchandise Authorization (RMA) to place on the outside of the box. All merchandise must be shipped back in its original packaging. We will make arrangements for the jack to be picked up by a national carrier.

In what form will I receive my refund?

This is at our discretion. If receiving a refund, please allow four weeks for the credit to process to your account. Return service fees will be deducted from the amount of the refund.

Are shipping charges refundable?

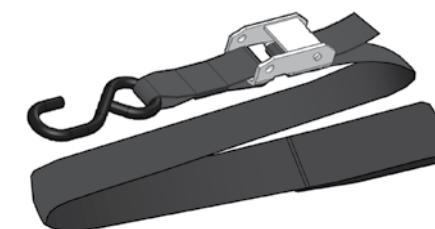
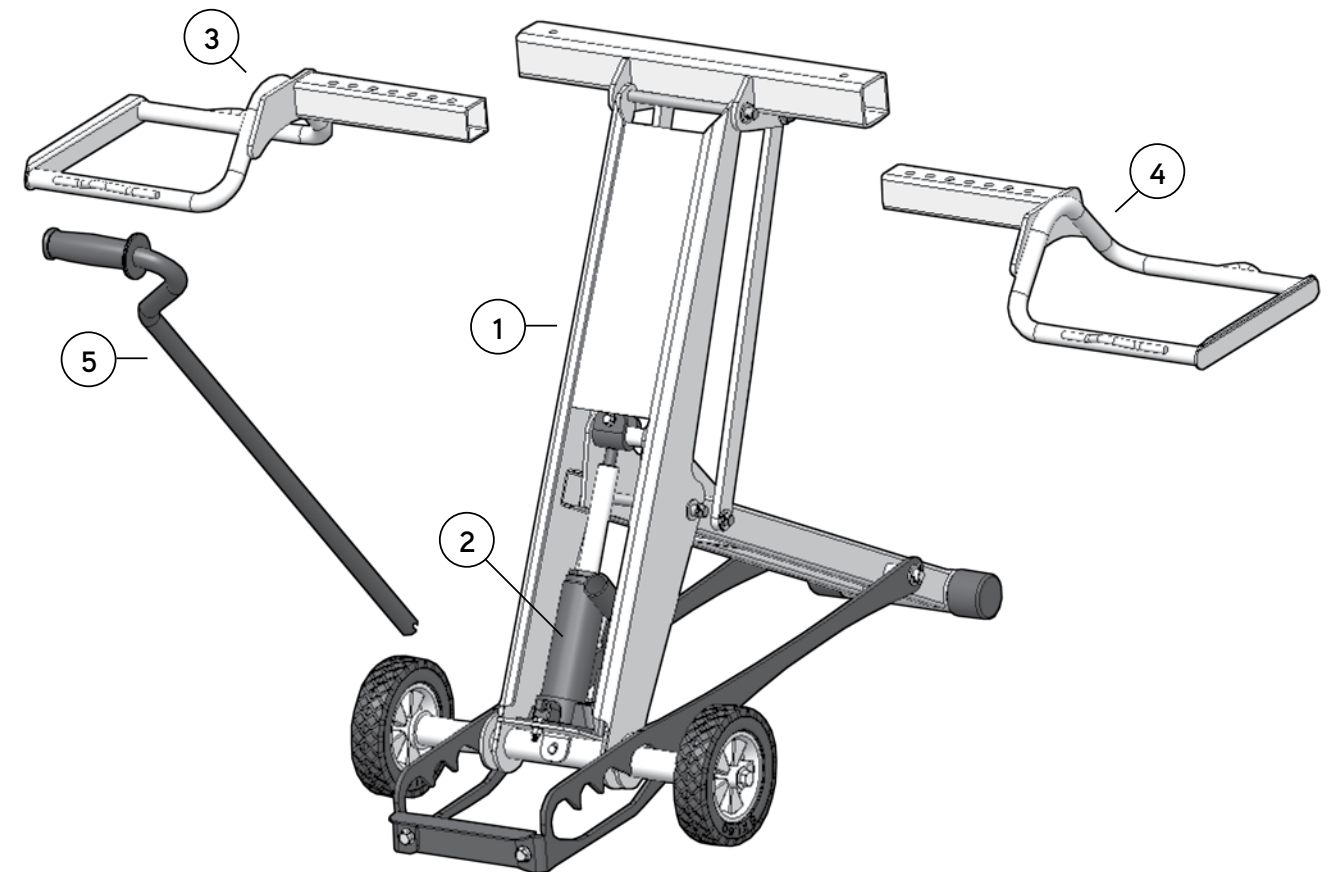
Unfortunately these charges are not refundable.

How do I contact someone?

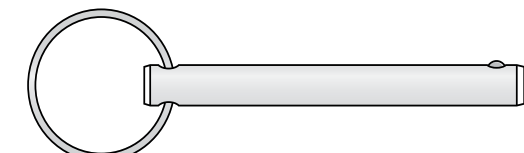
You can call our toll-free number 1-877-575-3173.

PARTS AND HARDWARE LIST

ITEM	PART #	QTY.	DESCRIPTION
①	518-0055	1	CHL 500 Mower Lift
②	518-0030	1	Hydraulic Cylinder - 2 Ton
③	518-0031	1	Left Wheel Pad
④	518-0032	1	Right Wheel Pad
⑤	518-0047	1	Handle
⑥	009-0007	2	Safety Straps
⑦	001-0039	2	Push Pins



⑥ Safety Strap



⑦ Push Pin

ASSEMBLY AND OPERATING INSTRUCTIONS

STEP 1

Remove lift from package.

Inventory items to be certain all parts and hardware are present. If you have any questions regarding assembly, please call Customer Service at 1-877-575-3173.

Identify the Right and Left Wheel Pads.

IMPORTANT: The Wheel Pads are side specific.



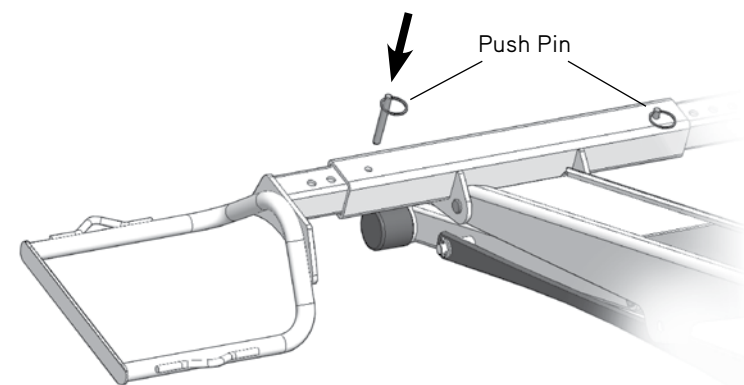
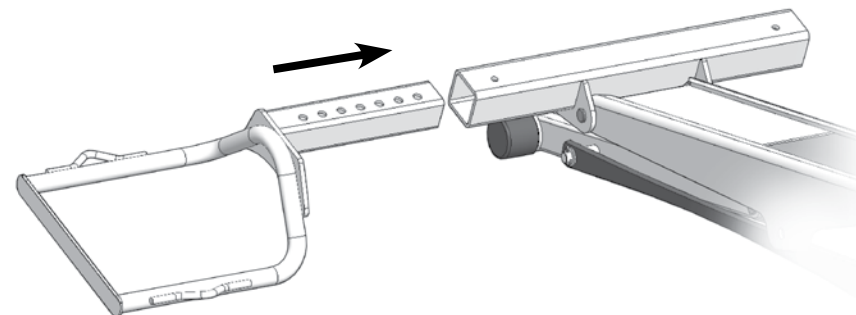
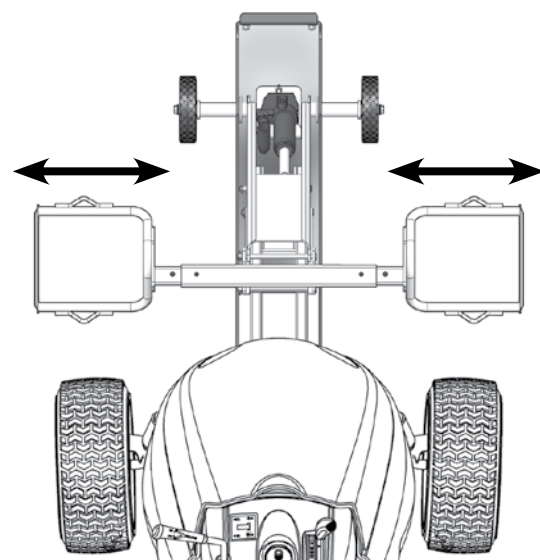
STEP 2

Slide the wheel pads into the T-Bar.

Line up the wheel pads to the front tires of the mower.

The multiple holes allow for adequate adjustment to fit the front tires of the mowers.

NOTE: Wheel pads must be equal distance from the T-Bar to maintain proper balance.



Secure the wheel pads to the T-Bar with the Push Pins. Make sure the Push Pins are securely inserted into the holes.

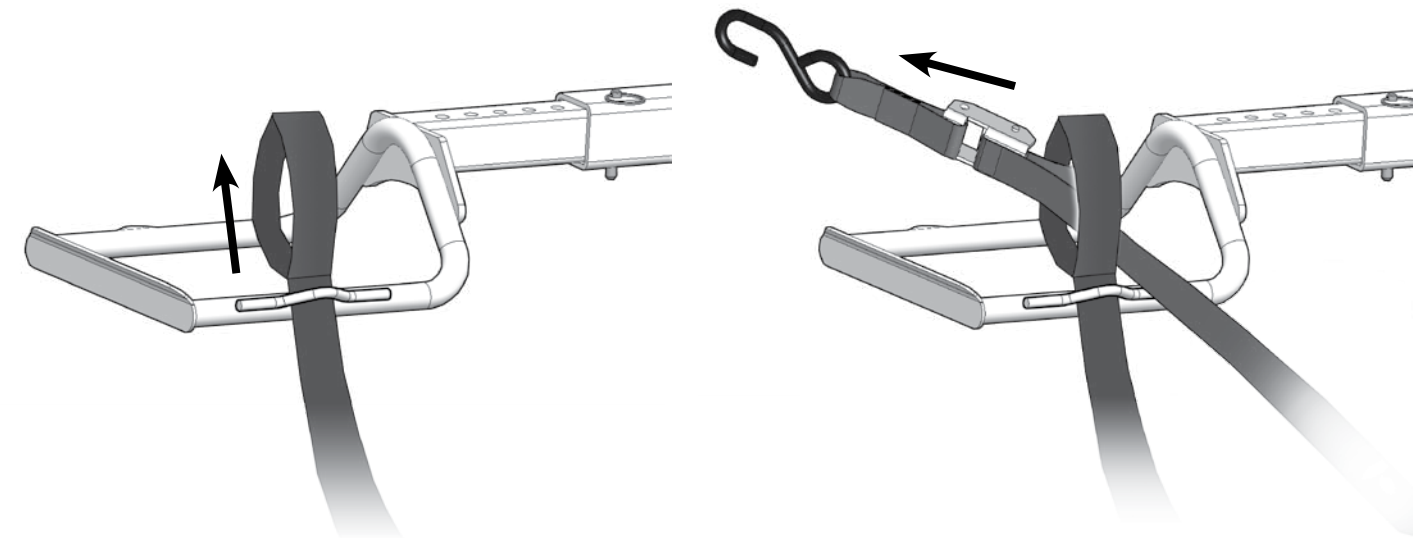
NOTE: Inside to outside wheel pad expansion is 18.5" – 47.5"

ASSEMBLY AND OPERATING INSTRUCTIONS

STEP 3

Attach the Safety Straps to the wheel pads.

Insert the strap loop through the metal loop on the front of the wheel pad. Thread strap hook and buckle through the strap loop and pull until tight. Repeat with the other Safety Strap and wheel pad.



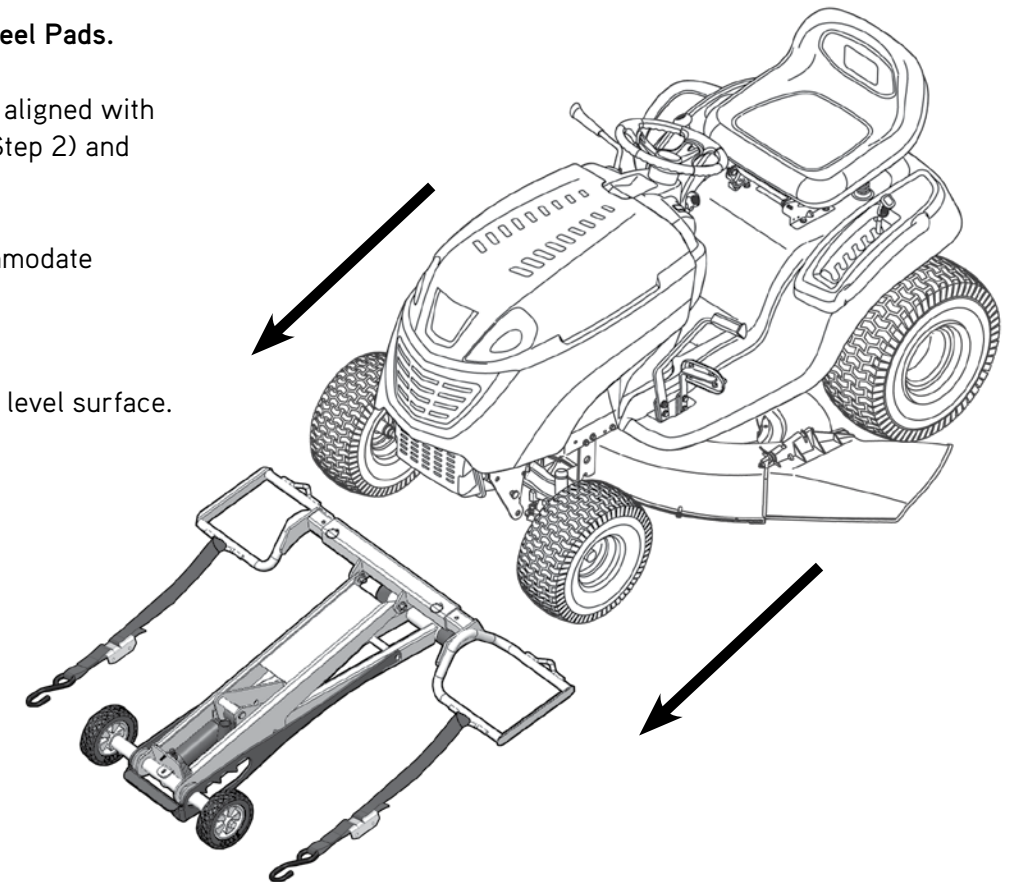
STEP 4

Move the mower onto the Wheel Pads.

Wheel Pads must be properly aligned with the mower's front tires (see Step 2) and secured with Push Pins.

NOTE: Wheel pads will accommodate 10" -17" tire sizes.

⚠️ Jack **MUST** be on a solid level surface.



ASSEMBLY AND OPERATING INSTRUCTIONS

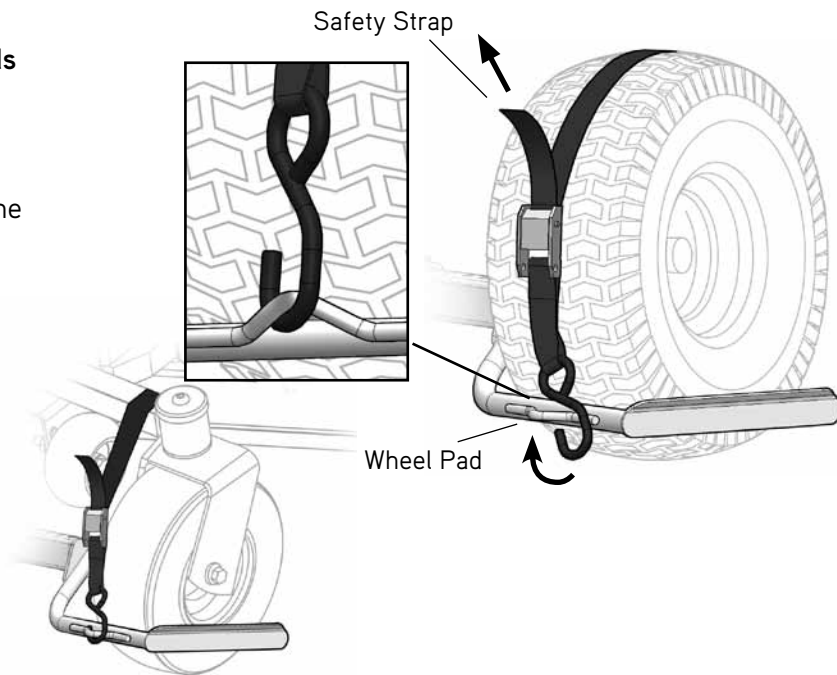
STEP 5

Secure the front mower tires to the Wheel Pads using the Safety Straps.

Extend the Safety Strap over the top of tire or over the top of mower wheel arm and secure the hook into the loop on the wheel pad.

Squeeze the metal buckle and pull end of strap to tighten the Safety Straps over the top of the tires to secure mower to Wheel Pads.

NOTE: Inspect Safety Strap for wear before each use.



STEP 6

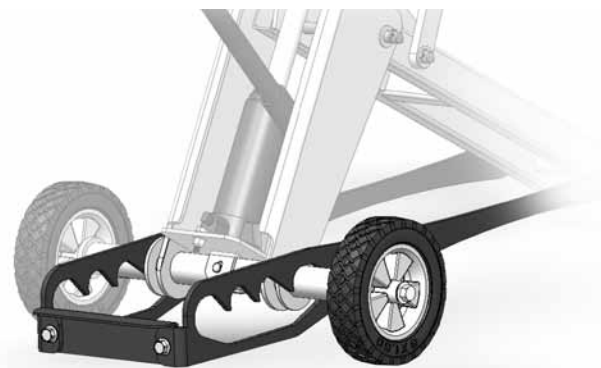
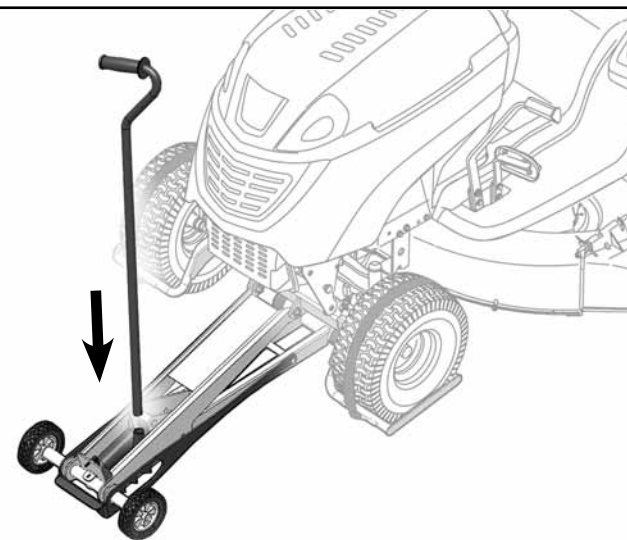
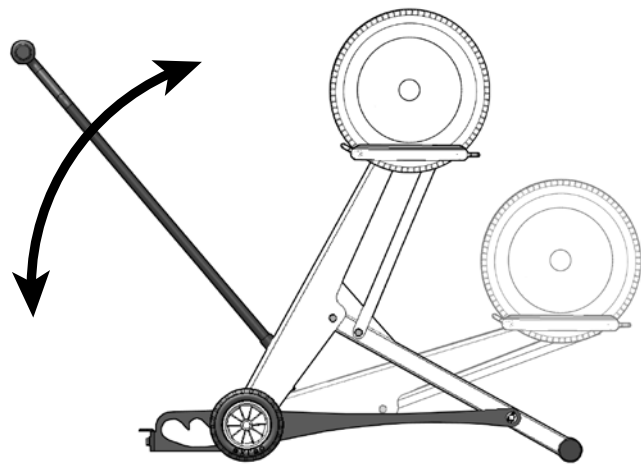
Raising the mower.

Insert the handle into the cylinder handle opening.

Proceed to pump the handle up and down to raise the lift to the desired height. The cylinder will use pumping action of the handle to raise the lift.

The automatic locking mechanism will engage at three different lift heights.

The 3 locking positions are: 18" , 21" , 24"



⚠ The automatic locking mechanism must be engaged in one of the three lock position notches on the Locking Bar before proceeding to service mower.

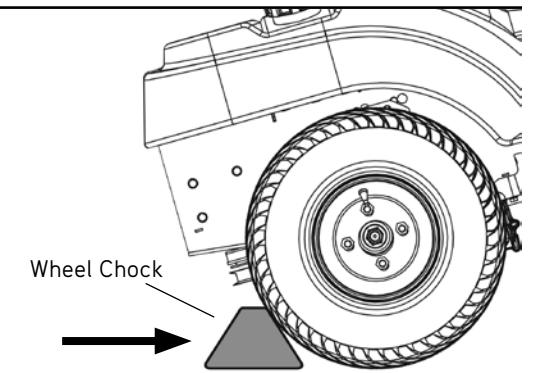
ASSEMBLY AND OPERATING INSTRUCTIONS

STEP 7

Preparing the mower for service.

Place wheel chocks (not included) behind the back tires of the mower and apply the parking brake on the mower.

YOU MAY NOW SERVICE THE MOWER.



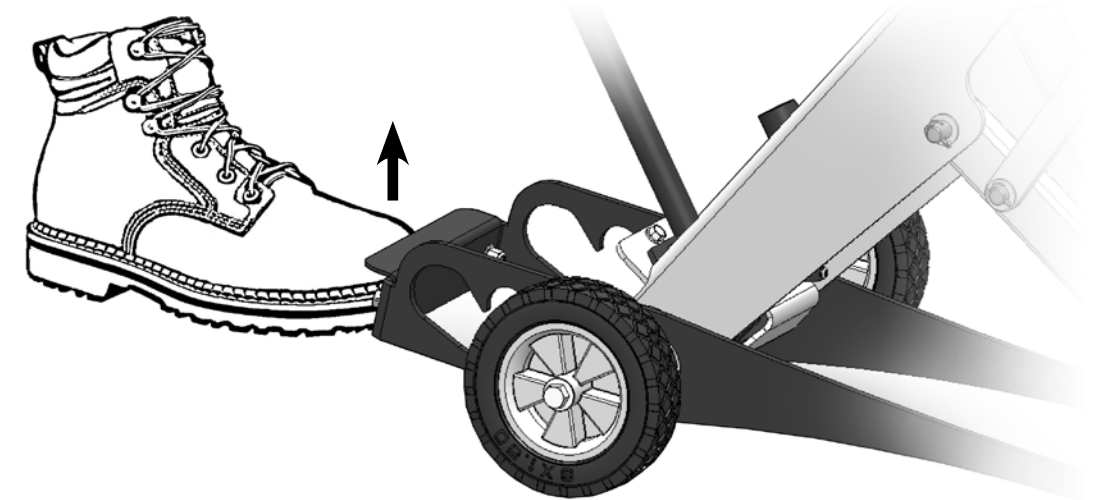
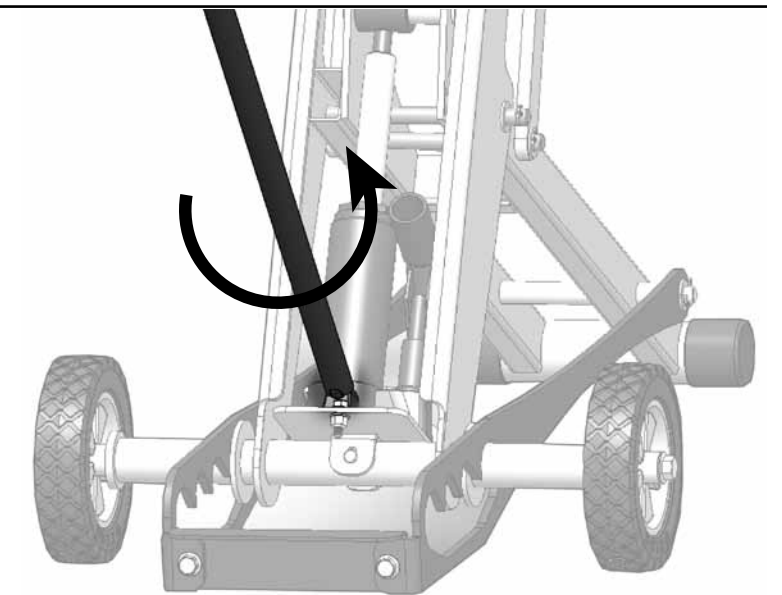
STEP 8

Lowering the mower.

Use the handle to turn the release valve on the Hydraulic Cylinder. The grooves in the bottom of the handle will interlock with the release valve.

To lower the mower, slowly open the release valve by turning the handle counterclockwise, while at the same time releasing the Locking Bar.

NOTE: It may be necessary to first slightly raise the mower in order to release the Locking Bar.



MAINTENANCE

Important: Use only a good grade hydraulic jack oil. Avoid mixing different types of fluid and NEVER use brake fluid, turbine oil, transmission fluid, motor oil or glycerin. Improper fluid can cause premature failure of the jack and the potential for sudden and immediate loss of load.

HOW TO REPLACE THE HYDRAULIC CYLINDER

- 1) To remove the cylinder, remove the bolts holding the cylinder in place.
- 2) Remove old cylinder and install new cylinder using the same hardware.

ADDING OIL TO HYDRAULIC CYLINDER

- 1) With saddle fully lowered and pump piston fully depressed, set jack in its upright, level position. Remove oil filler plug.
- 2) Fill until oil is level with the filler plug hole, reinstall oil filler plug.

CHANGING OIL IN HYDRAULIC CYLINDER

For best performance and longest life, replace the complete fluid supply at least once per year.

- 1) With saddle fully lowered and pump piston fully depressed, remove the oil filler plug.
- 2) Lay the jack on its side and drain the fluid into a suitable container.

NOTE: Dispose of hydraulic fluid in accordance with local regulations.

- 3) Fill with good quality jack oil. Reinstall oil filler plug. We recommend Mobil DTE 13 or equivalent.

LUBRICATION

- 1) A coating of light lubricating oil to pivot points, axles and hinges will help to prevent rust and assure that wheels, casters and pump assemblies move freely.
- 2) Periodically check the pump piston and ram for signs of rust or corrosion. Clean as needed and wipe with a clean, oil soaked rag.

NOTE: Never use sandpaper or abrasive material on these surfaces.

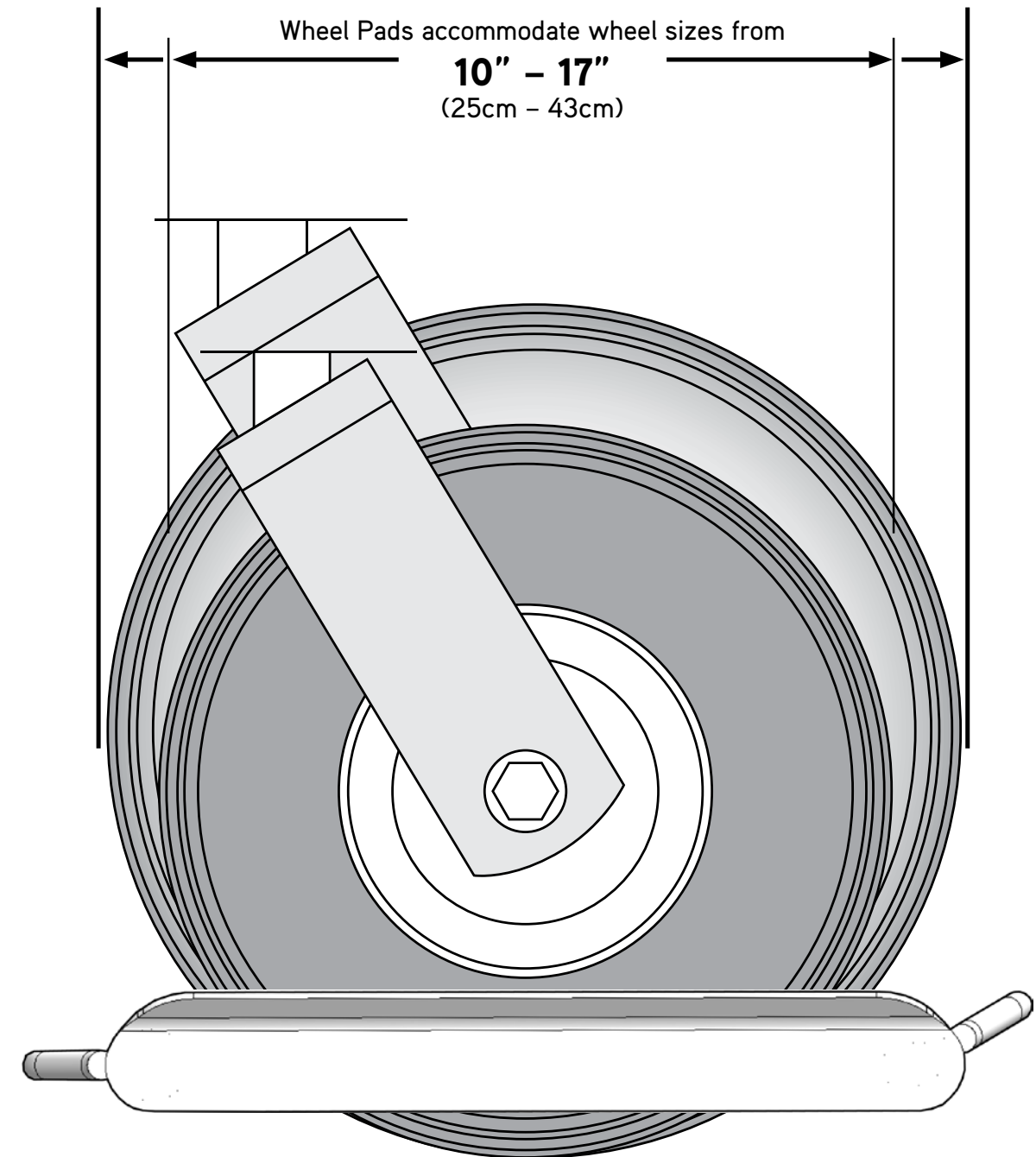
STORAGE

When not in use, store the Bottle Jack with pump piston and ram fully retracted.

TROUBLESHOOTING

Symptom	Possible Causes	Corrective Action
Jack will not lift load	<ul style="list-style-type: none"> • Release valve not tightly closed • Overload condition 	<ul style="list-style-type: none"> • Ensure release valve is tightly closed • Remedy overload condition
Jack bleeds off after lift	<ul style="list-style-type: none"> • Release valve not tightly closed • Overload condition • Hydraulic unit malfunction 	<ul style="list-style-type: none"> • Ensure release valve is tightly closed • Remedy overload condition • Contact MoJack Customer Service
Jack will not lower after unloading	<ul style="list-style-type: none"> • Reservoir overfilled • Linkages binding 	<ul style="list-style-type: none"> • Drain fluid to proper level • Clean and lubricate moving parts
Poor lift performance	<ul style="list-style-type: none"> • Fluid level low • Air trapped in system 	<ul style="list-style-type: none"> • Ensure proper fluid level • With ram fully retracted, remove oil filler plug to let pressurized air escape, reinstall oil filler plug
Will not lift to full extension	<ul style="list-style-type: none"> • Fluid level low 	<ul style="list-style-type: none"> • Ensure proper fluid level

SUPPORTED TIRE SIZES



⚠ Not for use with tires over 17" diameter (43cm) in size

Cub Cadet®