

MoJackEZ™

Instructions for Assembly and Operation

Instrucciones para la Asamblea y de la Operación

Directive d'assemblage et d'utilisation



 **MoJack®**

GIVING MOWER MAINTENANCE A LIFT.

ELEVE EL NIVEL DE MANTENIMIENTO DE SU CORTADORA DE CÉSPED.

ÉLÈVE LES NORMES EN MATIÈRE D'ENTRETIEN DES TONDEUSES.

www.theMoJack.com | 1-877-575-3173

Introduction



This manual contains assembly, parts, operating, maintenance, adjustment and safety instructions for your MoJack EZ lift.

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























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

If additional information is needed, or should you require a trained service mechanic, contact your authorized MoJack equipment dealer or distributor.

All MoJack 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.

Warnings and Safety Instructions

-  Read and understand all safety and operating instructions before using the MoJack EZ.
-  Never allow anyone unfamiliar with the safety or operating instructions to use the MoJack EZ.
-  Follow all safety and servicing instructions provided by the lawn mower's manufacturer before using the MoJack EZ.
-  Do not modify the MoJack in any way. Any modifications will void any and all warranties and could compromise your personal safety.
-  When using the MoJack EZ, keep ALL bystanders at a safe distance away from the MoJack EZ.
-  The MoJack EZ must be used on a solid level surface.
-  Do not lift the front end and the back end of the mower at the same time.
-  Do not use MoJack EZ lift for anything other than a mower, unless the proper accessory is used.
-  Always stop engine and remove key before beginning any work on the mower.
-  Never operate the mower's engine while using the MoJack EZ.
-  Do not exceed the lifting capacity of 300 lbs.
-  If the MoJack EZ Tower is leaning while lifting or lowering the mower, this indicates an overload condition. Remove the mower immediately.
-  Tower must be locked in place with the Tower Locking Pin before using the MoJack EZ.
-  Carrier Locking Pin must be locked into Tower before starting any service on mower.
-  Do not remove safety warnings or decals from MoJack EZ.
-  Before each use, always check for any worn, loose or damaged parts on the MoJack EZ. If any damaged parts are present, do not use the MoJack EZ and contact MoJack at 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.
-  After the mower is raised to a working height, always place wheel chocks (not included) behind the back tires of the mower.
-  Wheel Pads must be equal distance from the Lift Arm to maintain proper balance.
-  Remove all mower attachments before using the MoJack EZ.
-  Failure to follow these warnings may result in property damage and serious bodily injury or death.

IMPORTANT: The MoJack EZ is intended for use with riding lawn mowers and riding lawn tractors only. Do not exceed 300 lbs. It should never be used to service other types of machinery unless there is an approved MoJack accessory fitted for the type of machinery. Accessories are available for snowmobiles and walk-behind lawn mowers. Please consult you local MoJack dealer or distributor.

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 MoJack which has been altered or adjusted in any way from its original model. It will not cover any MoJack 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?

Two-year warranty for residential use, one-year for commercial use from date of purchase for the original owner.

What will MoJack do 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 MoJack within thirty (30) days of purchasing. You must keep your receipt as proof of date of sale. You can register your new MoJack on our website at www.themojack.com or by calling our toll-free number 1-877-575-3173.

How do I contact MoJack about a warranty issue?

You can contact us from our website at www.themojack.com 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 MoJack. Please contact MoJack for return policies and procedures at our toll-free number 1-877-575-3173 or by email at info@themojack.com.

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 MoJack 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?

No.

Does MoJack have a return service fee policy?

Yes. Returns and refunds impose an extra workload on our parts. Rather than pass this cost on to the customer through higher product prices, we are consistent with others within our industry by requiring nominal service fees in the event of returns. The service fee is 20%.

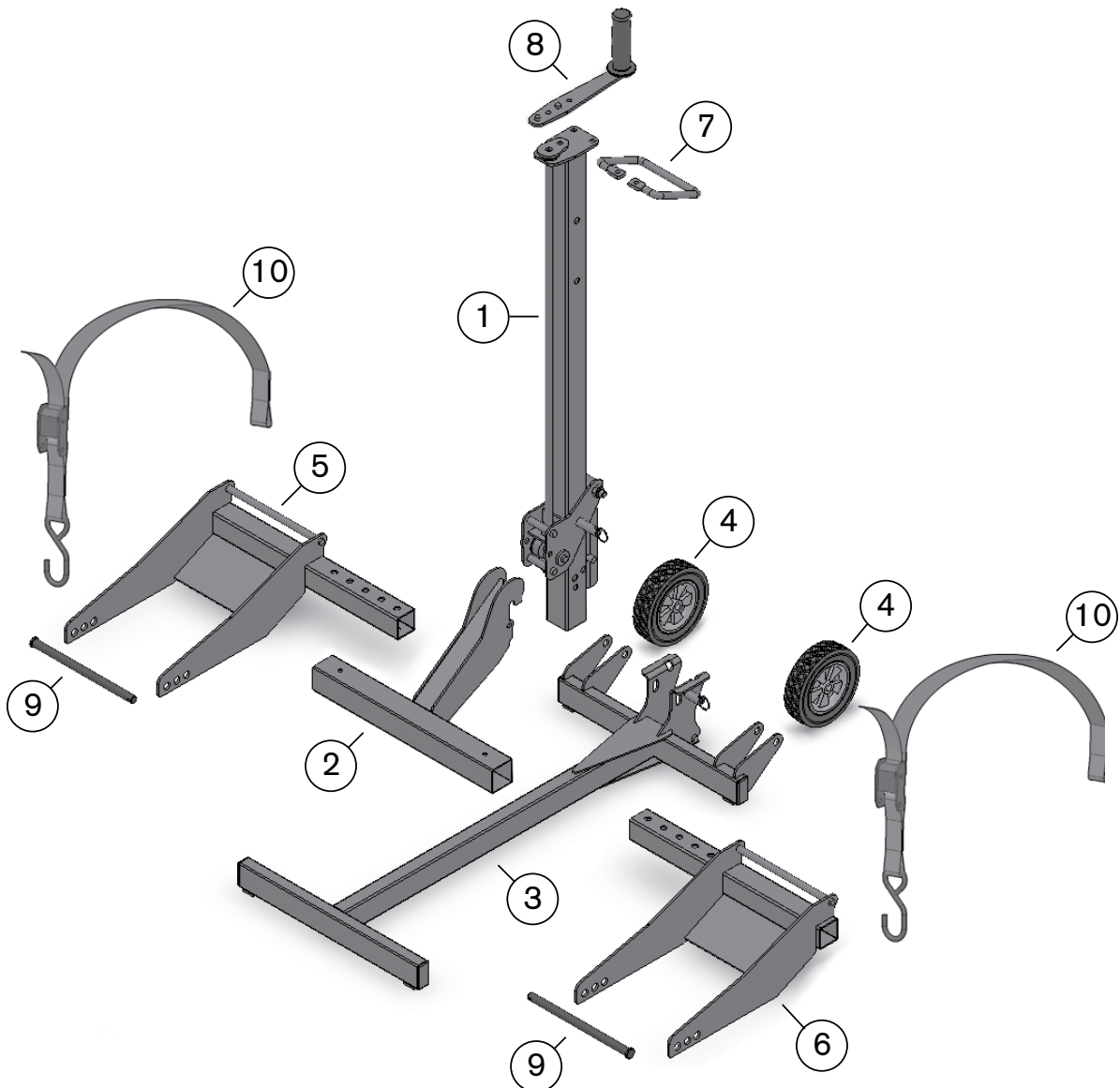
How do I contact MoJack?

You can call our toll-free number 1-877-575-3173 or by email at info@themojack.com.

Parts List

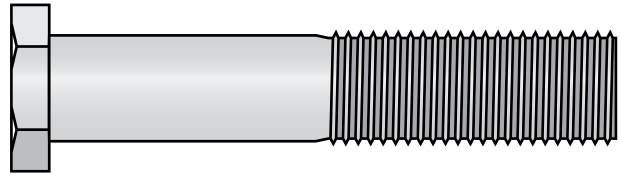
Item No.	Qty.	Description
①	1	Tower
②	1	Lift Arm
③	1	Base
④	2	Wheel
⑤	1	Wheel Pad, RH

Item No.	Qty.	Description
⑥	1	Wheel Pad, LH
⑦	1	Grip Handle
⑧	1	Crank Handle
⑨	2	Support Rod
⑩	2	Safety Strap

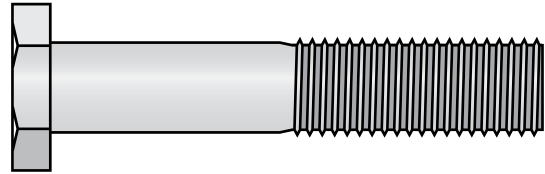


Hardware List

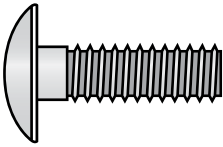
Item No.	Qty.	Description
⑪	1	Cap Screw M12-1.75 X 80
⑫	2	Cap Screw M12-1.75 X 65
⑬	3	Carriage Bolt M8-1.25 X 20
⑭	3	Nylock Nut – M12-1.75
⑮	3	Nylock Nut – M8-1.25
⑯	2	Push Pin
⑰	1	Clevis Pin
⑱	1	Small Hair Pin
⑲	2	Large Hair Pin



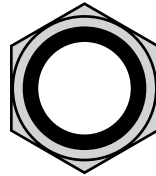
⑪ Cap Screw M12-1.75 X 80



⑫ Cap Screw M12-1.75 X 65



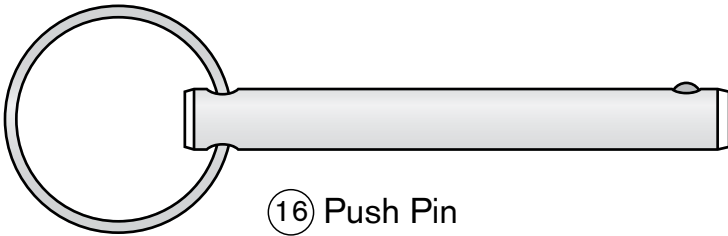
⑬ Carriage Bolt M8-1.25 X 20



⑭ Nylock Nut – M12-1.75



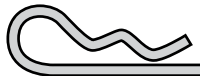
⑮ Nylock Nut – M8-1.25



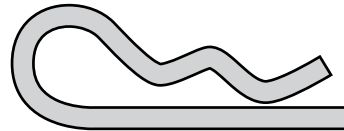
⑯ Push Pin



⑰ Clevis Pin

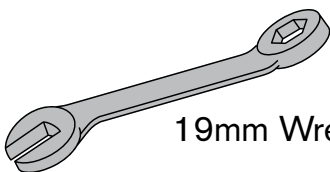


⑱ Small Hair Pin

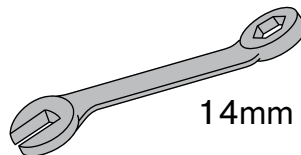


⑲ Large Hair Pin

Tools Needed for Assembly



19mm Wrench (2)



14mm Wrench (1)

Assembly Instructions

STEP 1

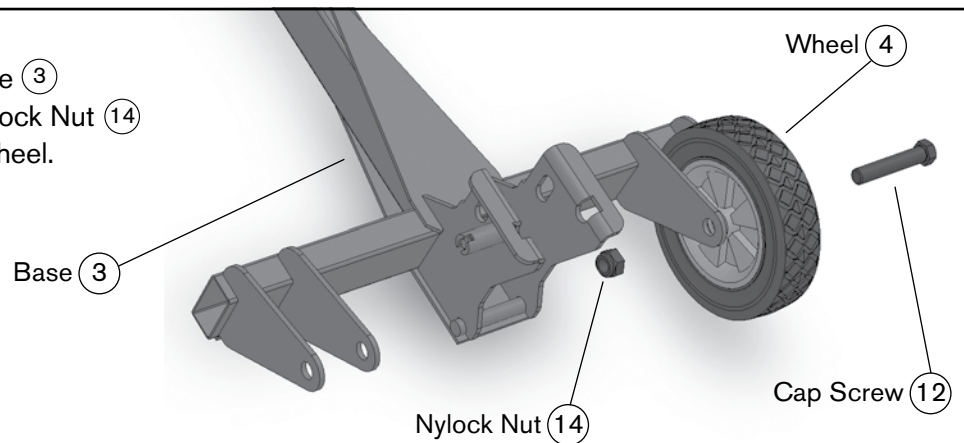
Remove MoJack EZ from package.

Inventory items to be certain all parts and hardware are present. If any parts or hardware are missing, please contact MoJack at 1-877-575-3173 or email us at parts@themojack.com.



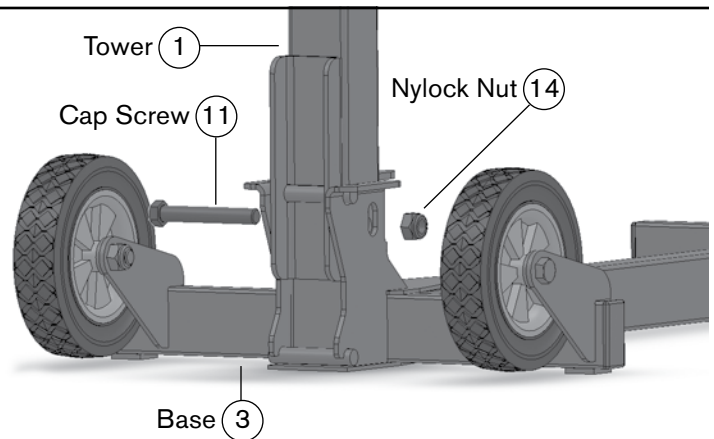
STEP 2

Assemble the Wheel (4) to the Base (3) by inserting Cap Screw (12) and Nylock Nut (14) and tighten. Repeat with second Wheel.



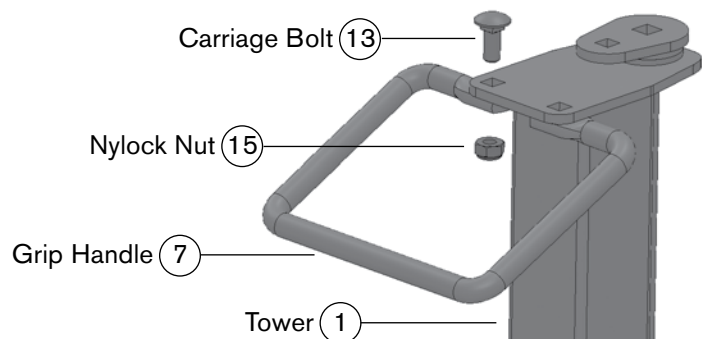
STEP 3

Attach the Tower (1) to the Base (3) using Cap Screw (11) and Nylock Nut (14) as shown.



STEP 4

Attach the Grip Handle (7) to the Tower (1) with two Carriage Bolts (13) and two Nylock Nuts (15).

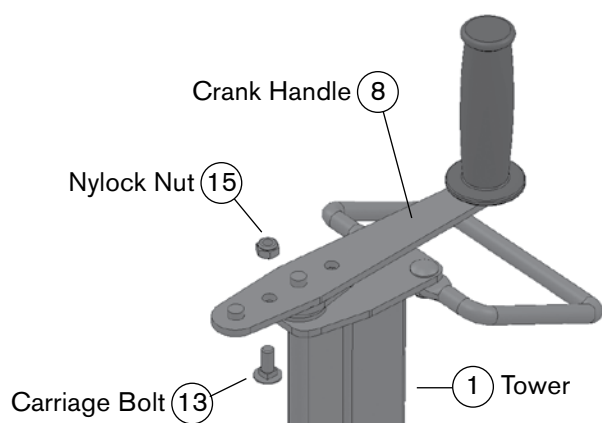


Assembly Instructions

STEP 5

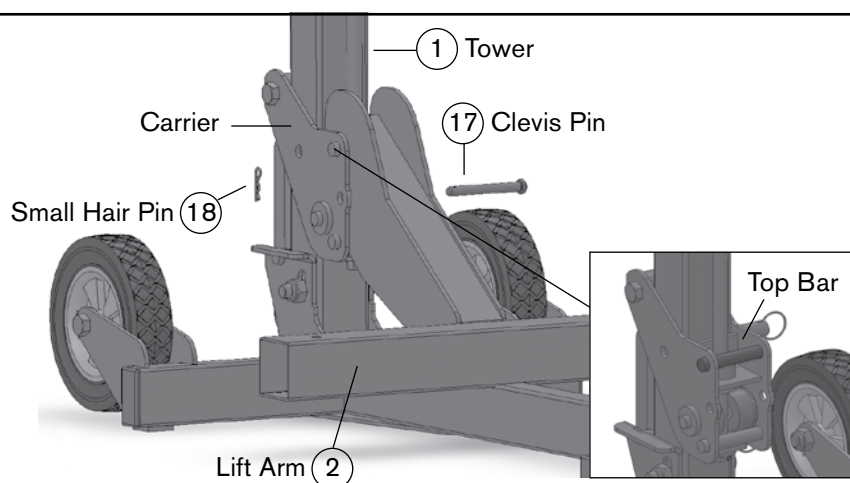
Attach the Crank Handle (8) to the Tower (1) by inserting Carriage Bolt (13) with threads facing up and fasten with Nylock Nut (15).

Note: There are two holes in the Crank Handle. The hole closest to the rubber grip will provide a 6" radius for cranking. The other hole will provide an 8" radius, making cranking easier. Use the hole that works best with your model of lawn mower.



STEP 6

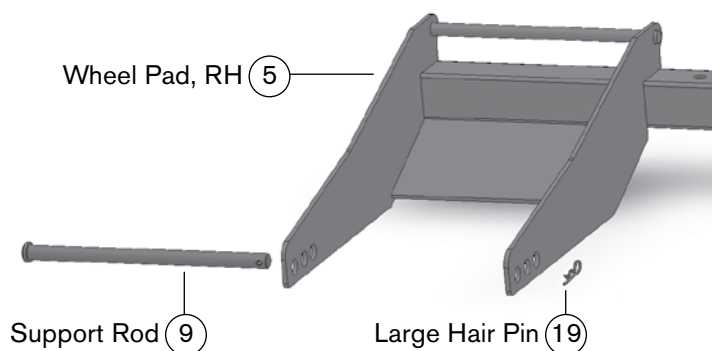
Hang the Lift Arm (2) on the Carrier by hooking the slotted area of the Lift Arm over the top bar of the Carrier. Insert Clevis Pin (17) through the hole in Carrier and lock by fastening the Small Hair Pin (18) to the Clevis Pin.



STEP 7

Ready the Wheel Pads (5) & (6) for installation by adding Support Rods (9) and Large Hair Pins (19).

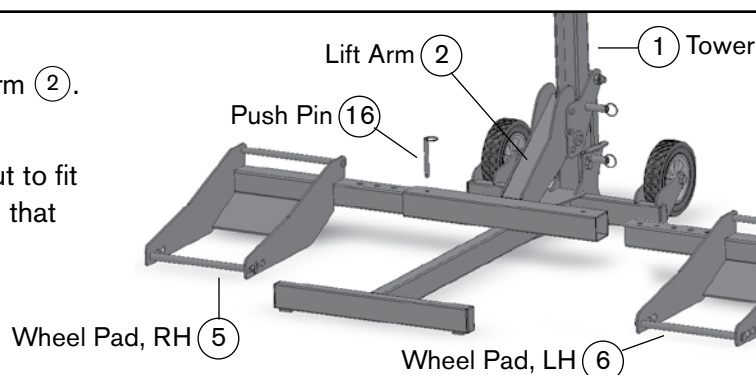
Note: The Support Rods can be configured to fit several different tire sizes (see Support Rod Guide for Tire Sizes on page 18). Use appropriate hole configuration that works best for your model of lawn mower.



STEP 8

Slide the Wheel Pads (5) & (6) into the Lift Arm (2). Insert Push Pins (16).

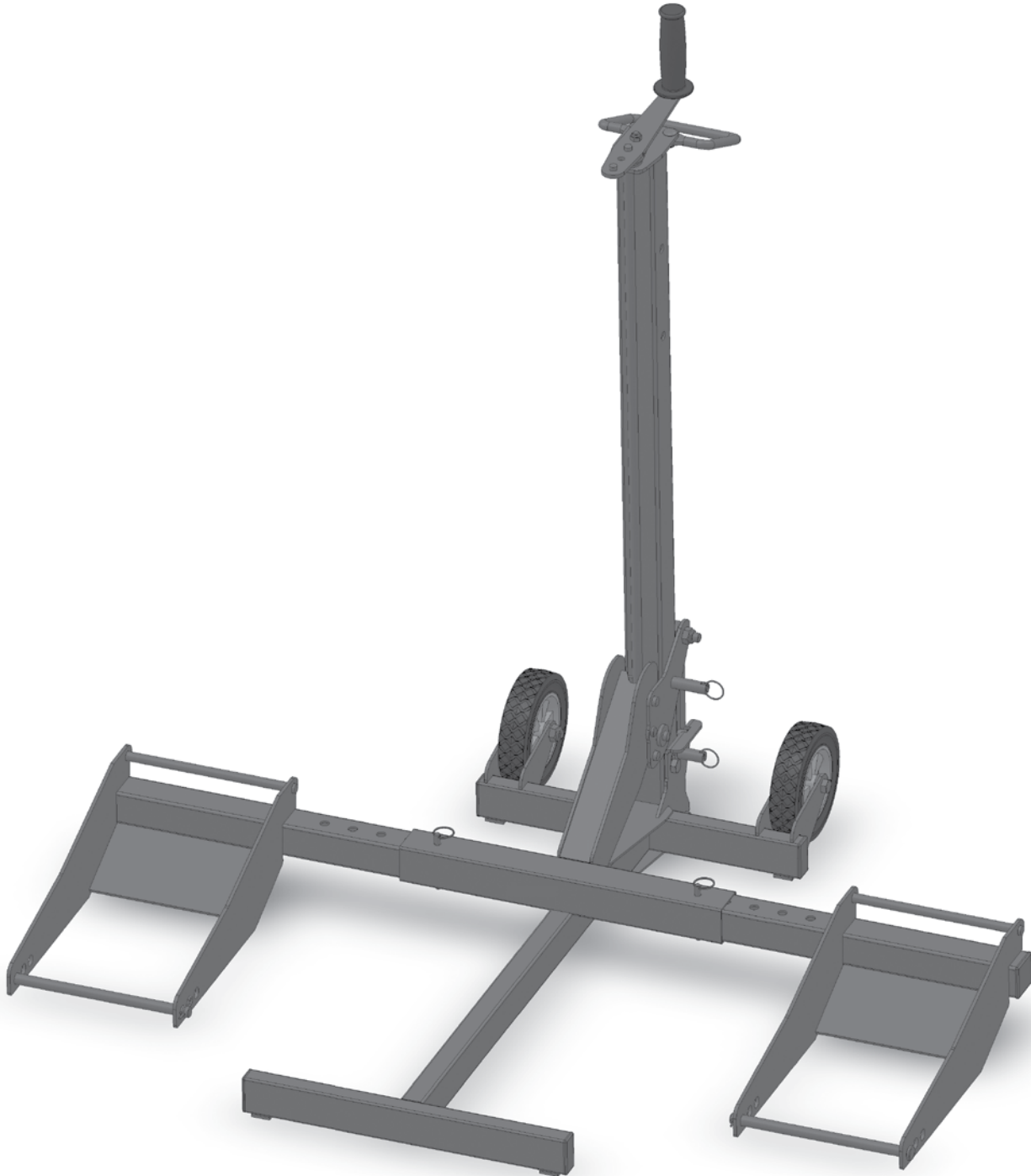
Note: The Wheel Pads can be moved in or out to fit different mower widths. Use the configuration that works best with your model of lawn mower.




THIS COMPLETES ASSEMBLY.

Operating Instructions

Some steps of the Operating Instructions are repeated from the Assembly Instructions. The Operating Instructions will show a full working cycle of the MoJack EZ.



 Before using the MoJack EZ, carefully read this manual in its entirety.

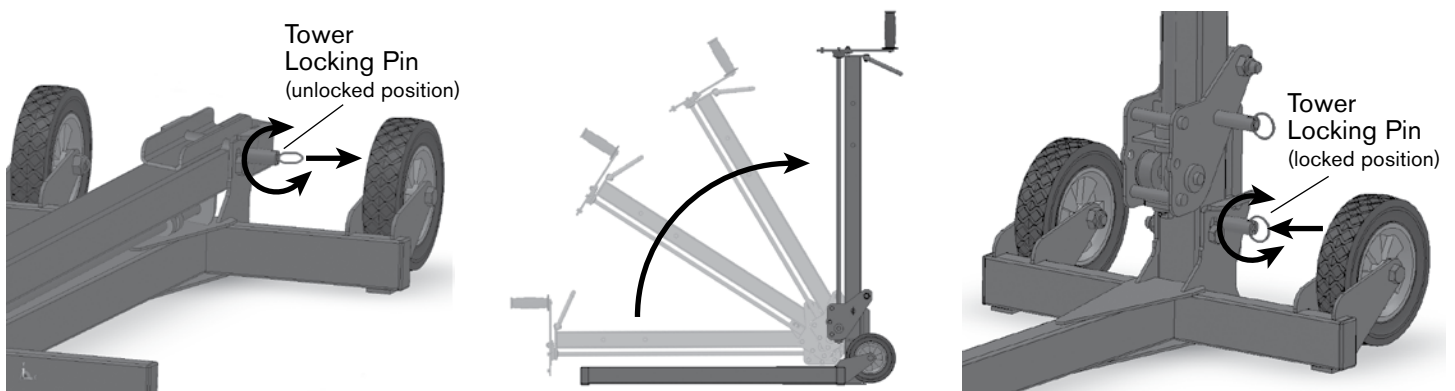
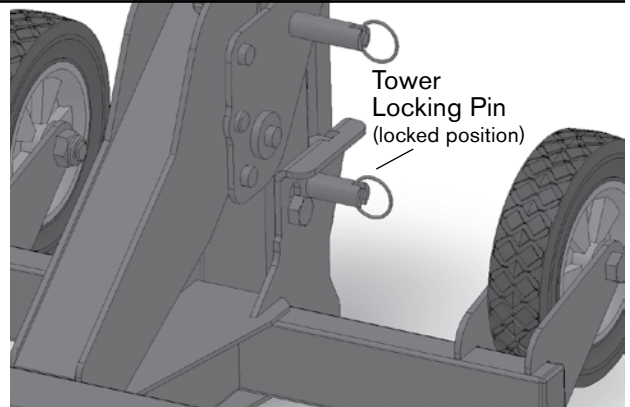
Operating Instructions

Preparing the MoJack EZ for Use (Steps 1 - 7)

STEP 1

Unfolding MoJack EZ

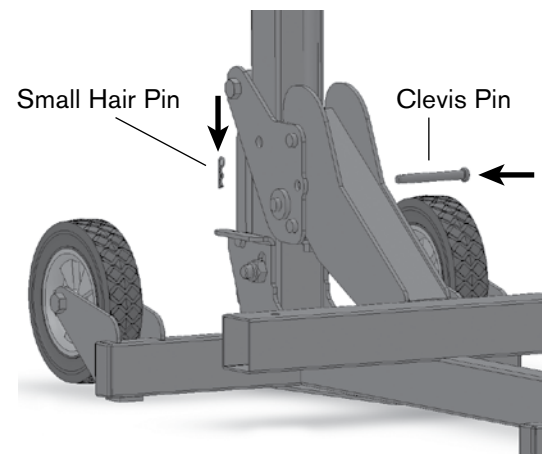
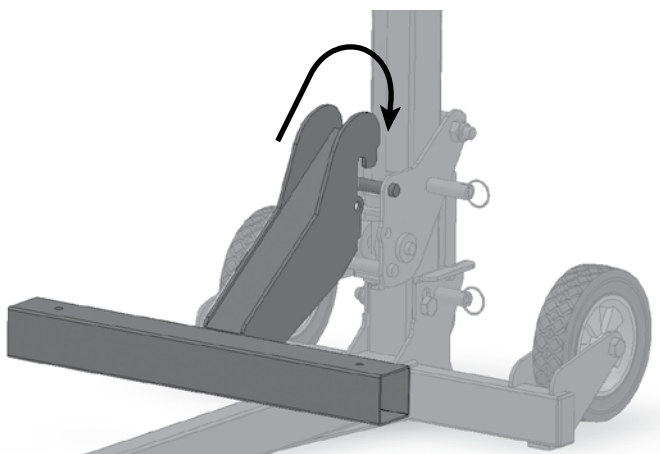
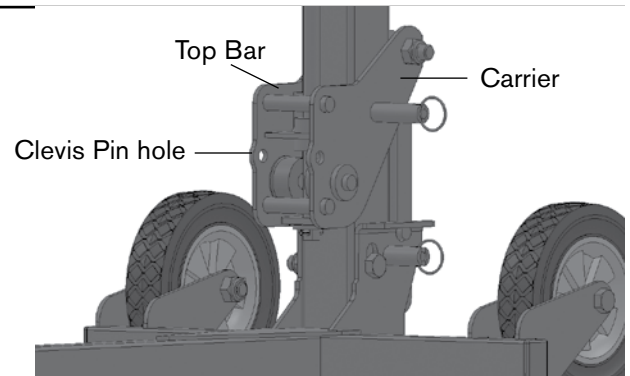
- Pull and rotate Tower Locking Pin 90 degrees to the unlocked position.
- Raise the Tower by pulling up on the Grip Handle. Once the Tower is in the vertical position, lift up on the Grip Handle and drop the Tower into the Base.
- Lock the Tower into place by rotating Tower Locking Pin until the pull ring retracts into the locking slot.



STEP 2

Installing Lift Arm

- Hang the Lift Arm on the Carrier by hooking the slotted area of the Lift Arm over the top bar of the Carrier.
- Insert Clevis Pin through the hole in Carrier and lock by fastening the Small Hair Pin to the Clevis Pin.

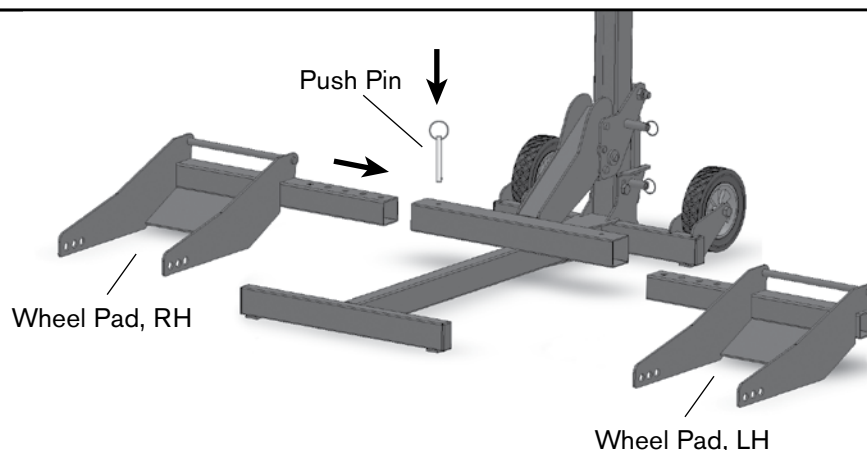


Operating Instructions

STEP 3

Installing Wheel Pads

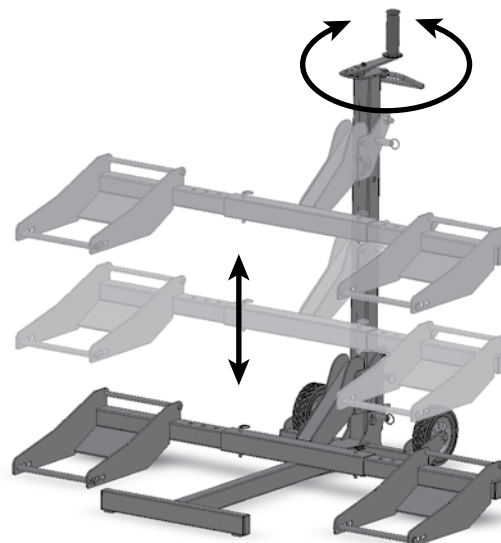
- Slide the Wheel Pads into the Lift Arm and temporarily secure with Push Pins.



STEP 4

Familiarize Yourself with the MoJack EZ

- Practice raising and lowering the Lift Arm before attempting to lift the mower (see Steps 11 – 14 on how to raise and lower the Lift Arm).
- Practice Step 19 if you intend to raise or lower the mower with a drill attachment.

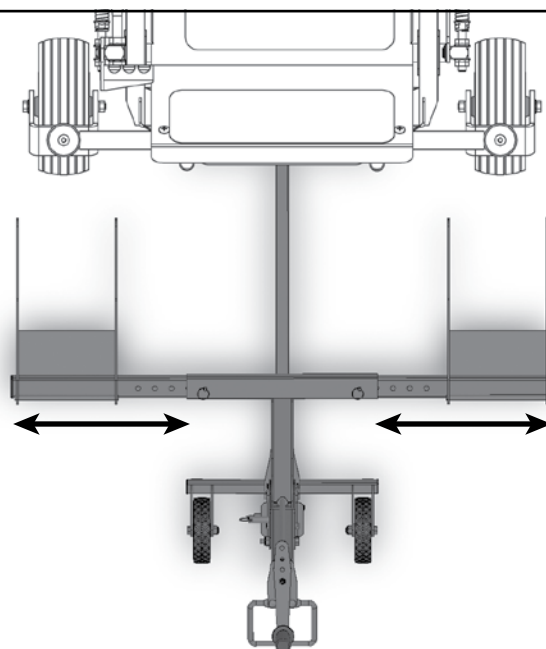


STEP 5

Aligning Wheel Pads to Fit Mower

- Place the front tires of mower 6" in front of the Wheel Pads.
- Remove Push Pins and align the Wheel Pads so that the front mower tires will be centered on the Wheel Pads.
- Replace the Push Pins to lock the Wheel Pads to the Lift Arm.

⚠ Wheel Pads must be equal distance from the Lift Arm to maintain proper balance.




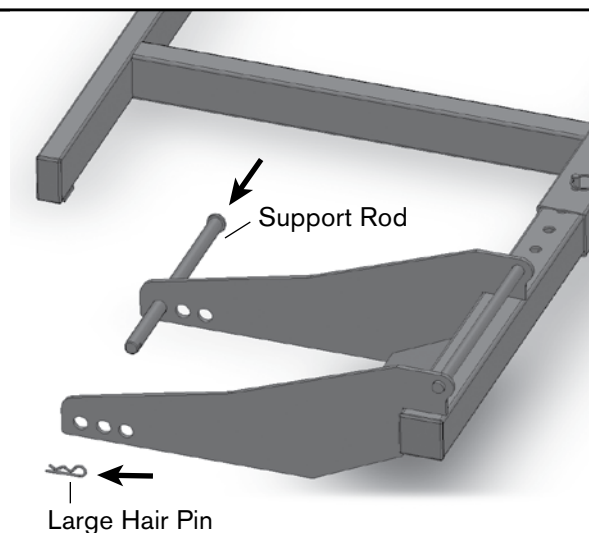
Operating Instructions

STEP 6

Adjusting Support Rods for Proper Tire Size

- Adjust Support Rods on Wheel Pads to accommodate the front tire size of the mower. Please refer to the chart below for proper Support Rod placement based on the diameter of the mower's front tires.
- Secure Support Rods to Wheel Pads with Large Hair Pins.

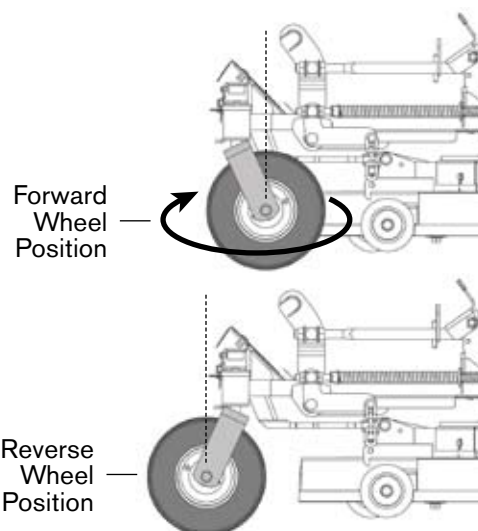
SUPPORT ROD GUIDE FOR TIRE SIZES	
10" - 11.5" (25cm - 29cm)	
12" - 15" (30cm - 38cm)	
15.5" - 17" (39cm - 44cm)	
See page 18 for more more detailed guide.	



STEP 7

Reverse Front Tires of Mower *(optional – if not applicable, skip to Step 8)*



- In some cases, the mower deck or anti-scalping wheels will hit the Lift Arm while the mower is being raised. This is often the case if part of the deck (including the anti-scalping wheels) protrudes past the center line of the front wheels of the mower.
- Rotate the front tires 180° so that they are in the reverse position.
- Remove the Support Rods from the Wheel Pads and slide the MoJack EZ underneath the mower.
- Secure the Support Rods to Wheel Pads with Large Hair Pins.

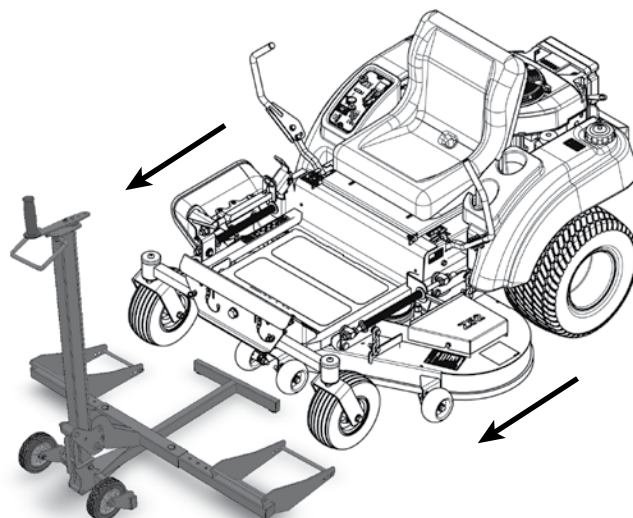


Using the MoJack EZ (Steps 8 - 15)

STEP 8

Move Mower onto MoJack EZ

-  The MoJack EZ must be used on a solid level surface.
- Drive or roll the mower onto the Wheel Pads.
-  Stop engine and remove the key.

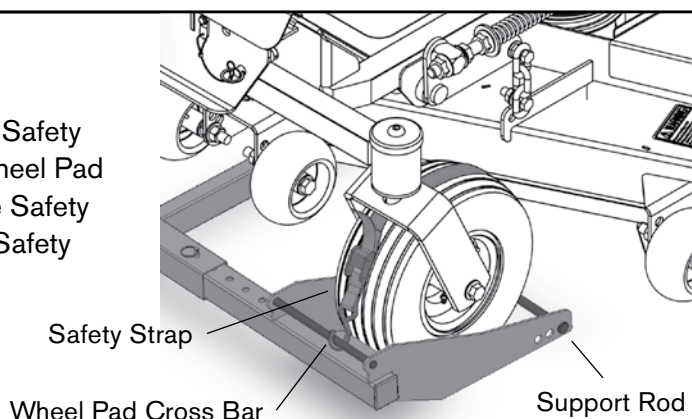


Operating Instructions

STEP 9

Strapping Front Mower Tires to Wheel Pads

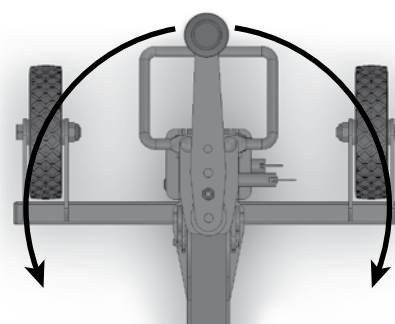
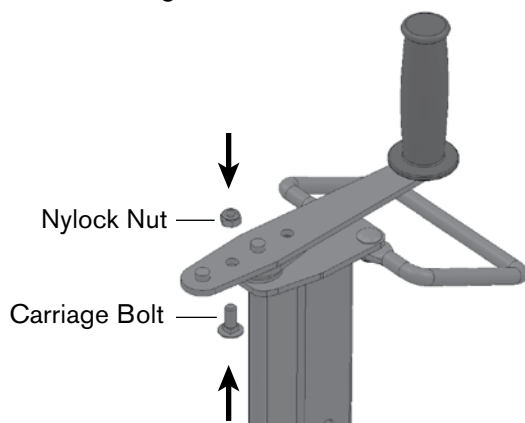
- Secure the front mower tires to the Wheel Pads using the Safety Straps (10). Secure the hook on the Safety Strap to the Wheel Pad Cross Bar and insert the Support Rod into the loop on the Safety Strap by detaching the Support Rod and then sliding the Safety Strap Loop through and reattaching the Support Rod.
- Tighten the Safety Straps over the top of the tires to secure mower to Wheel Pads.



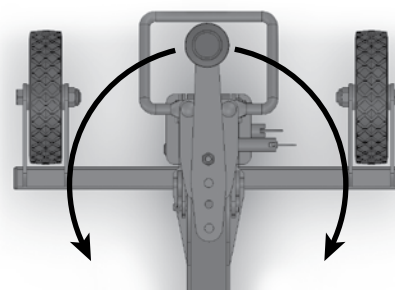
STEP 10

Adjusting the Crank Handle *(optional)*

- The optimal Crank Handle length is in the longer setting. Some mowers have brush guards or larger hoods that interfere with the longer Crank Handle. The Crank Handle can be adjusted by removing the Nylock Nut and Carriage Bolt and re-attaching in the shorter setting.



Longer Setting – 8" Radius



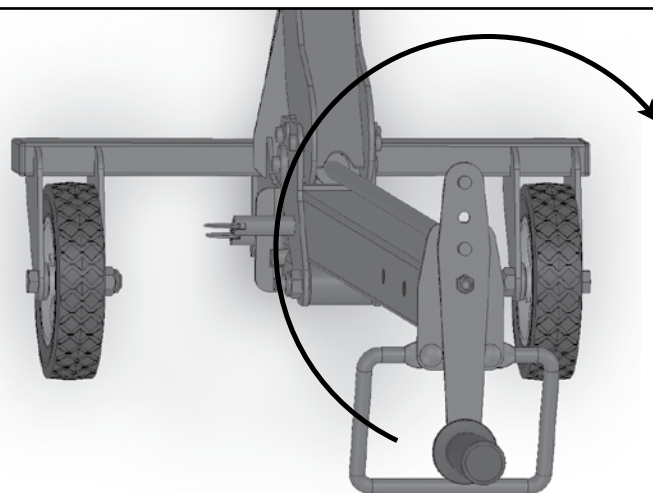
Shorter Setting – 6" Radius

STEP 11

Raising the Mower

- Raise the mower by rotating the Crank Handle clockwise.
- See Step 19 for raising the mower with drill attachment.

- ⚠ Do not attempt to lift more than 300 lbs.
- ⚠ The MoJack EZ must be used on a solid level surface.
- ⚠ The engine must be turned off and key removed.
- ⚠ The mower must be in neutral.
- ⚠ The parking brake must be off during this step.
- ⚠ The Safety Straps must be firmly tightened.

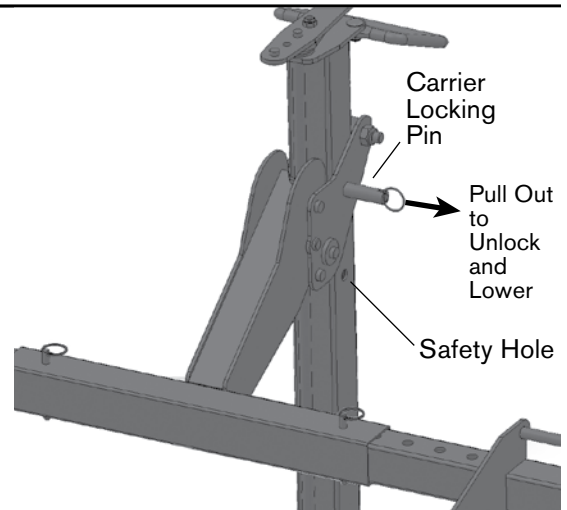


Operating Instructions

STEP 12

Raising Lift Arm to Locking Position

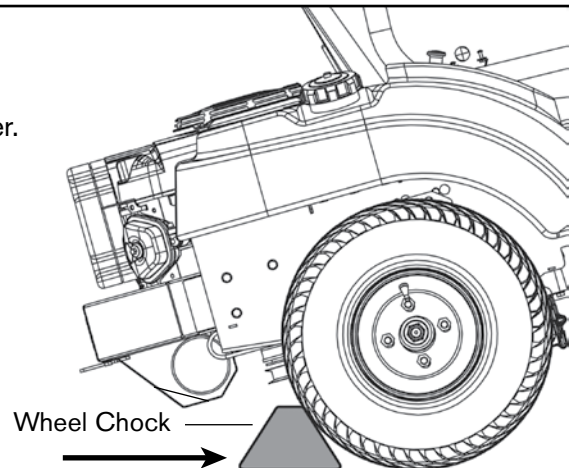
- Raise the Lift Arm until the Carrier Locking Pin drops into the Safety Hole.
- The Carrier Locking Pin automatically drops into the Safety Holes as the Carrier passes the Safety Holes on the Tower when raising.
- Note: When lowering the Lift Arm, the Carrier Locking Pin must be held out by the operator until it clears the bottom Safety Hole.



STEP 13

Preparing the Mower for Service

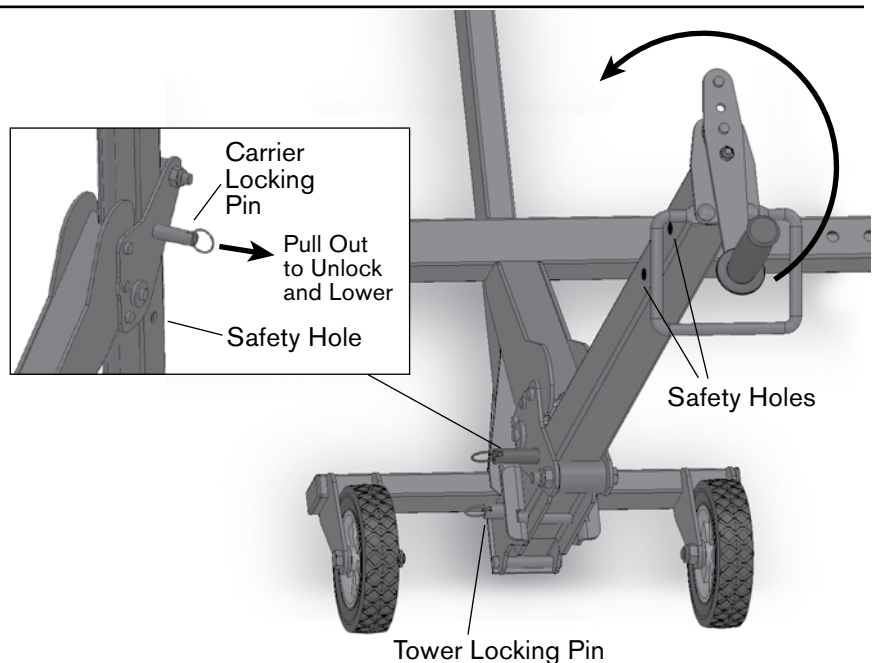
- Place wheel chocks (not included) behind the back tires of the mower.
- Now apply the parking brake on the mower.
- The Carrier Locking Pin must be locked into one of the two Safety Holes.



STEP 14

Lowering the Mower

- Remove wheel chocks.
- Release the parking brake.
- Mower must be in neutral.
- Pull and hold the Carrier Locking Pin out and turn the Crank Handle counter clockwise until Wheel Pads are firmly on the ground. The Carrier Locking Pin must be pulled out until it clears the bottom Safety Hole.

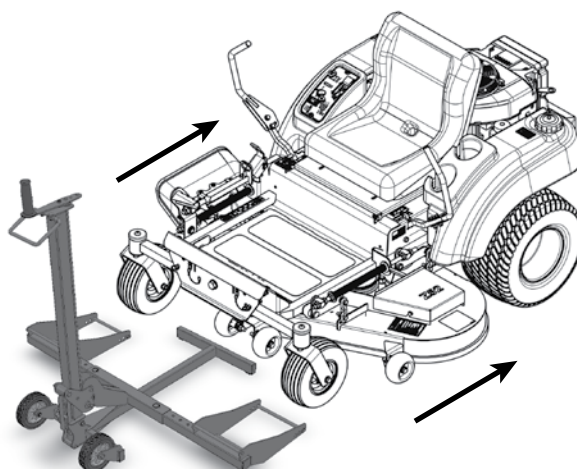


Operating Instructions

STEP 15

Removing the Mower from the MoJack EZ

- Remove the Safety Straps from front mower tires.
- Removing Support Rods is optional during this step.
- Drive or roll the mower off of the Wheel Pads.

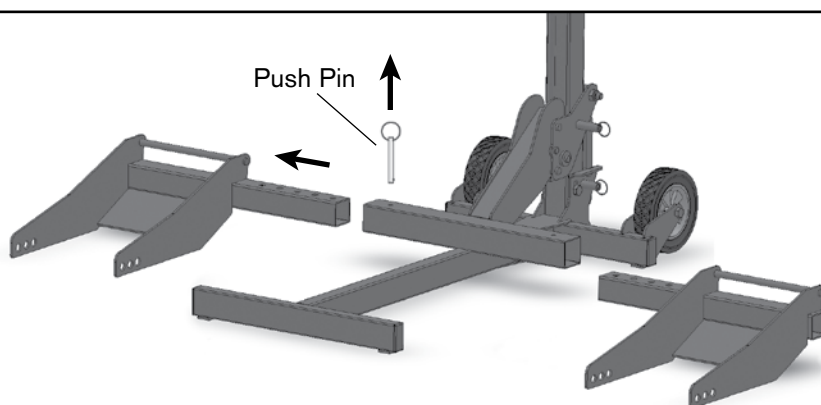


Preparing the MoJack EZ for Storage (Steps 16 - 18)

STEP 16

Removing the Wheel Pads

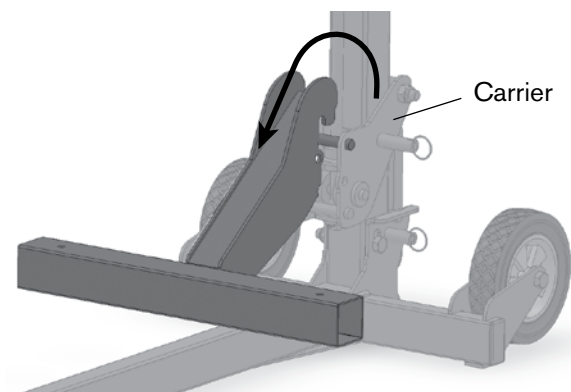
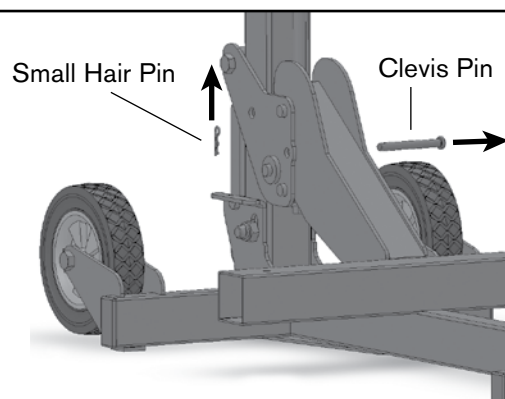
- Remove Push Pins and pull Wheel Pads out from the Lift Arm.
- Store the Push Pins in the Lift Arm.



STEP 17

Unhooking the Lift Arm

- Remove Small Hair Pin and Clevis Pin from Lift Arm.
- Unhook the Lift Arm from the Carrier.
- Store the Small Hair Pin and Clevis Pin in the Lift Arm.

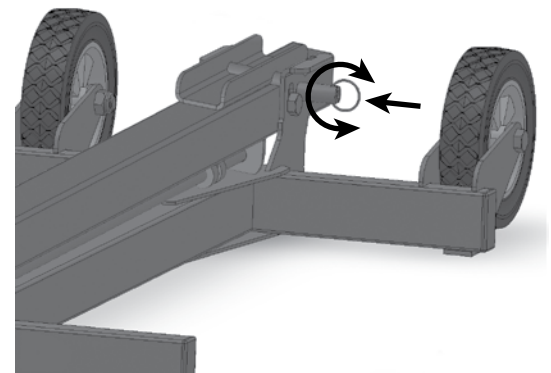
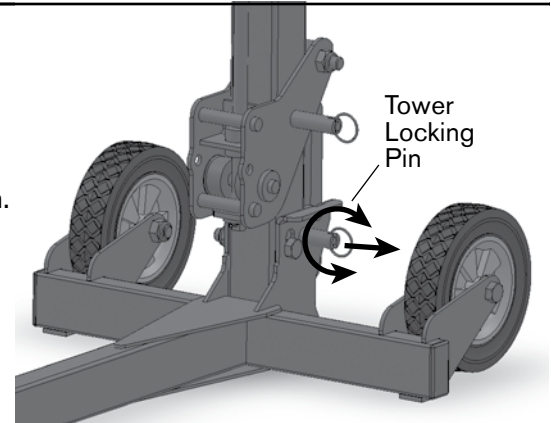
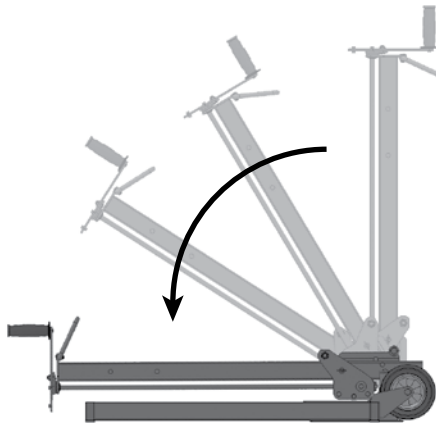


Operating Instructions

STEP 18

Folding the MoJack EZ

- Raise the carrier 8" above the base by turning the Crank Handle clockwise.
- Pull and rotate Tower Locking Pin 90 degrees to the unlocked position.
- Raise the Tower out of the Base by pulling up on the Lift Handle and then lower the Tower.
- Secure the Tower by rotating Tower Locking Pin until the ring drops into locking slot.



THE MOJACK EZ IS NOW READY FOR STORAGE OR TRANSPORT.

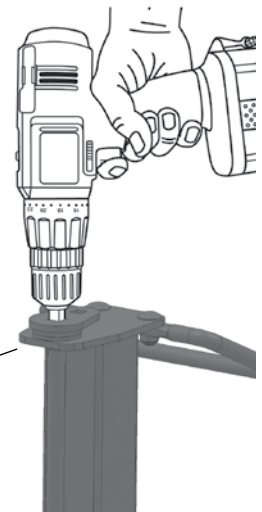
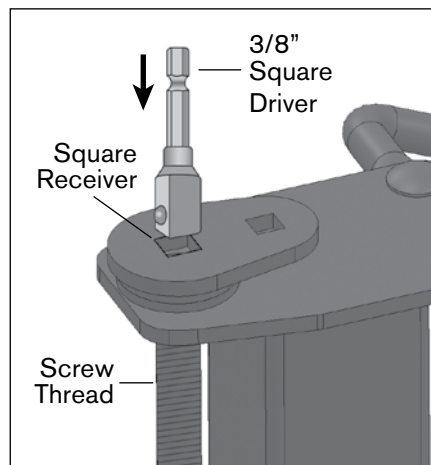
STEP 19

Raising the MoJack EZ with a power drill (optional)

- The MoJack EZ can be raised or lowered by using a variable speed corded drill (7 amp minimum) or variable speed cordless drill (18V minimum).
- The drill will require a 3/8" square driver (not provided).
- Remove Crank Handle by taking out the nut and bolt which reveals the 3/8" Square Receiver.
- Firmly insert the 3/8" driver in the Square Receiver. Rotate the drill forward (clockwise) to raise the Lift Arm and rotate the drill in reverse (counterclockwise) to lower the Lift Arm.
- Carrier Locking Pin must be pulled out when lowering until it clears the bottom Safety Hole.

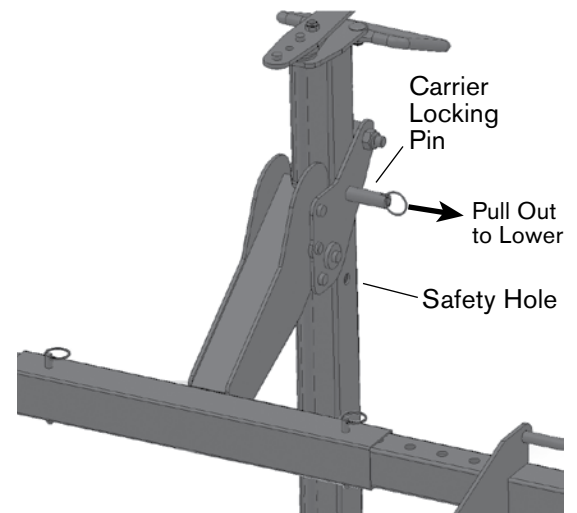
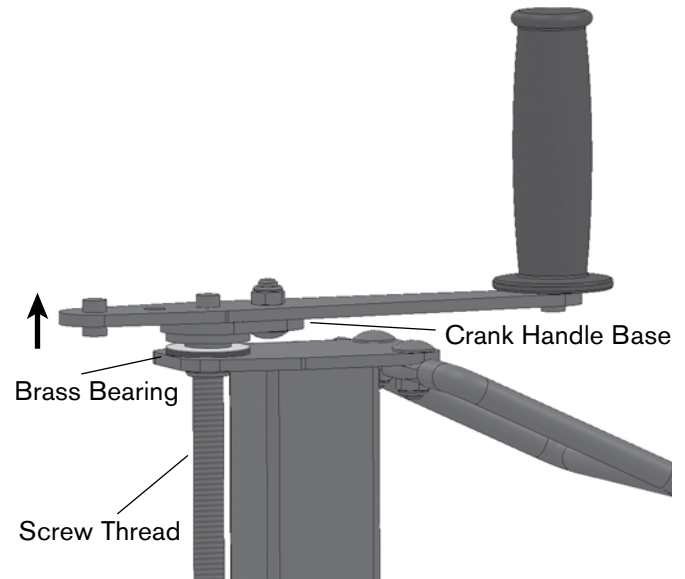
⚠ Operator must have a firm grip on the drill before raising or lowering the Lift Arm.

- Follow all other operating instructions while using the drill attachment.
- Replace the Crank Handle for future use.



Maintenance Schedule

- Before each use, always check for any worn, loose or damaged parts on the MoJack EZ. If any damaged parts are present, do not use the MoJack EZ and contact MoJack at 1-877-575-3173.
- Clean and oil the screw thread after every 50 uses or at least once a year using light machine oil.
- Place lithium grease between the Crank Handle Base and the brass bearing after every 50 uses or once a year. Without weight on carrier, lift the Crank Handle to create a small gap between the brass bearing and the Crank Handle Base. Use a small brush to apply the lithium grease between the two surfaces.
- (Optional) Check for Carrier Locking Pin operation. Turn top Crank Handle to raise the Lift Arm to the first Safety Hole and listen for click as pin pops into hole. After a click is heard, reverse direction of Crank Handle rotation without pulling on the Carrier Locking Pin ring. Pin should hold Carriage at height. Do not force the handle past the lock point, as this may damage the Screw Thread. If Carrier Locking Pin does not hold Lift Arm height, do not use the MoJack EZ and contact MoJack at 1-877-575-3173. After checking Carrier Locking Pin operation, proceed to lower by pulling out on the Carrier Locking Pin ring.



Support Rod Guide for Tire Sizes

