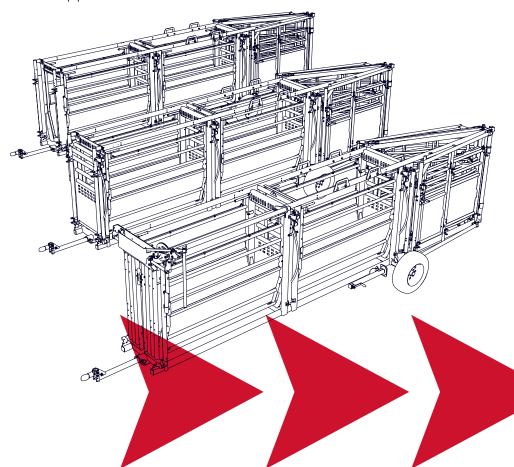


PRODUCT MANUAL

PORTABLE TUB & ALLEY

OCTOBER 2023 1-877-275-6075 | cs@arrowquip.com arrowquip.com



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PLEASE FOLLOW ALL SAFETY INSTRUCTIONS PROVIDED IN THIS MANUAL BEFORE OPERATION. ARROWQUIP DOES NOT ACCEPT RESPONSIBILITY FOR ANY ACCIDENTS OR INJURY WHEN THIS SAFETY MANUAL HAS NOT BEEN READ IN FULL AND KEPT WITH THE PRODUCT AT ALL TIMES. OPERATORS OF THIS PRODUCT TAKE AND ACCEPT RESPONSIBILITY FOR ANY HARM OR INJURY TO THE ANIMAL OR OPERATOR WHEN IT PERTAINS TO HOW THE EQUIPMENT IS USED AND MAINTAINED.

Please keep this manual for frequent reference and to pass on to new users or owners.

SAFETY PRECAUTIONS

PLEASE FOLLOW ALL SAFETY INSTRUCTIONS PROVIDED IN THIS MANUAL BEFORE OPERATION. ARROWQUIP DOES NOT ACCEPT RESPONSIBILITY FOR ANY ACCIDENTS OR INJURY WHEN THIS SAFETY MANUAL HAS NOT BEEN READ IN FULL AND KEPT WITH THE PRODUCT AT ALL TIMES. ANY HARM TO THE ANIMAL OR INJURY TO THE OPERATOR WHICH OCCURS DUE TO HOW THE PRODUCT IS OPERATED, OR RESULTING FROM A LACK OF SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE OPERATOR.

All farm machinery and equipment are potentially dangerous. Careless use of any Arrowquip livestock equipment may cause injury or damage to persons, cattle, or property. Arrowquip has taken precautions in the design and manufacturing of this product to ensure that it is safe and user-friendly. Therefore, the user must assume all responsibility and risk associated with the possession and use of the cattle squeeze chute.

SAFETY GUARANTEE

Arrowquip is committed to creating safe cattle management experiences. With this commitment to safety, in the event any purchaser of Arrowquip equipment is **physically injured while operating the equipment AND requires medical treatment**, Arrowquip will provide a **full refund** of the equipment purchase price and the purchaser will be allowed to keep the equipment. Equipment must be warranty-registered, and the purchaser must read and practice the contents and recommended maintenance and procedures outlined herein to be eligible.

Arrowquip also commits to repair or replace any part of the equipment that is defective, malfunctions or otherwise falls under normal use and inside the equipment's warranty terms. If the equipment requires replacement, it shall be replaced with an identical model or a newer model of the equipment. For further details, visit arrowquip.com/promise.



WARNING: READ BELOW BEFORE OPERATION

- Ensure the operator understands the contents of this manual before using the cattle squeeze chute.
- 2. DO NOT wear loose-fitted clothing.
- Ensure the cattle squeeze chute is on a firm, level, dry surface that is free of rocks and other trip hazards. A level concrete pad flush with the ground and with the chute bolted to the concrete is strongly recommended.
- 4. DO NOT enter the vet cage until the animal is secured in the head gate and the rump bar has been placed so that the cow cannot back up.
- DO NOT stand in front of the head gate while operator is moving the cattle through the squeeze chute.
- 6. DO NOT ALLOW CHILDREN UNDER THE AGE OF 18 NEAR AN OPERATING MACHINE.
- Follow safe cattle handling procedures in other areas of the yard so that cattle are more docile in the chute.
- **8. DO NOT** make any modifications to Arrowquip equipment. Non-factory modifications to the equipment can reduce the safety for the operator & livestock, and void warranty.

RISK ASSESSMENT

Conduct a risk assessment on procedures for which the cattle squeeze chute used and establish a safe work procedure.

- Ensure all users of the equipment have been inducted and comply with safe working procedure.
- 2. Please ensure that there are NO large or hazardous objects inside the chute that may cause injury to the animal or operator or may cause the equipment to malfunction.
- 3. Make sure that your chute has been cleared of ALL livestock after use.
- Some chemicals and medicines can damage powder coat. Take all precautions and wash after use.
- 5. Maximum towing speed 40km/25mph.
- 6. Maintain tire pressure of 80 psi.
- 7. Check wheel lug nuts after 10, 25, 50 miles of use and ensure torqued to 120 ft. lbs.
 - a. This applies to first-time use and wheel changes.

TRANSPORTING THE PORTABLE TUB AND ALLEY



WARNING: FOLLOW ALL INSTRUCTIONS OUTLINED HEREIN CAREFULLY TO ENSURE OPERATOR SAFETY WHEN SETTING UP FOR USE OR TRANSPORT.

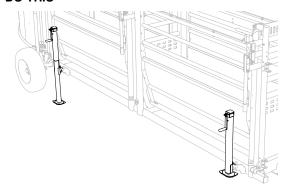
REQUIREMENTS

- 1. Level Ground
- 2. 2 People

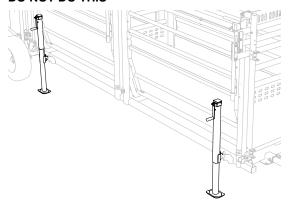
REFERENCE FOR MANUAL JACKS

For manual jack control, refer below.

DO THIS



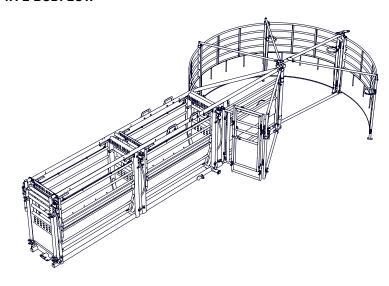
DO NOT DO THIS



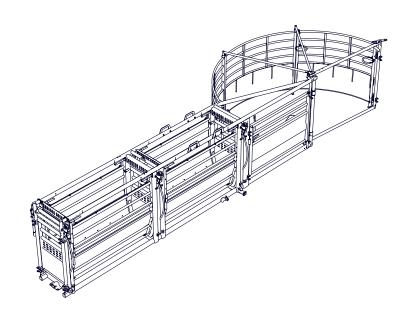
REFERENCE FOR TUB INSTRUCTIONS

Use this as a guide when folding and unfolding the collapsible tub.

PTA-L-BUDFLOW

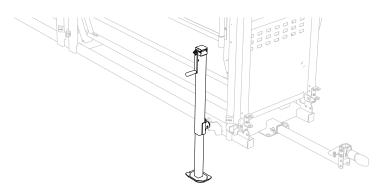


PTA-L-CROWDING



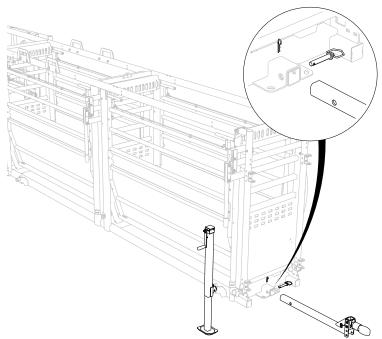
LOWERING THE UNIT FOR USE:

1 Lower the front jack to the ground and unhook the unit from the towing vehicle.



2 Remove the hitch.

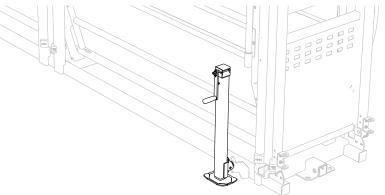
 $oldsymbol{3}$ Using the front jack, lower the unit to the ground.



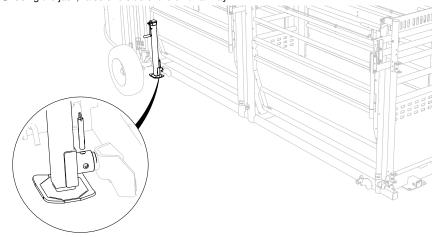


FRONT ALLEY SECTION MUST BE FLAT ON THE GROUND BEFORE PROCEEDING.

4 Transfer the front jack to the rear mount. Attach the second jack to the opposite side.



5 Using the jack, raise one side of the unit halfway



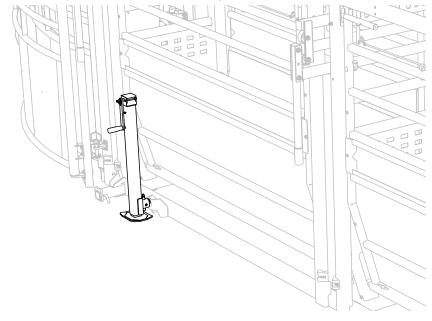
6 I LOWERING THE UNIT FOR USE

LOWERING THE UNIT FOR USE

6 Jack the opposite side of the unit all the way up. Remove wheel and set safely aside.



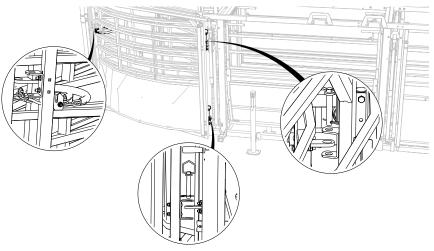
7 Retract both jacks until the unit lays flat on the ground.



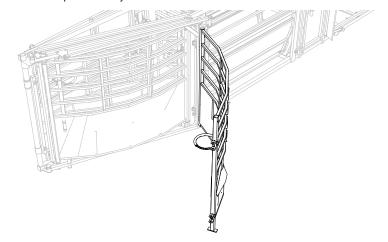
UNFOLDING THE COLLAPSIBLE TUB

NOTE: IF YOUR UNIT DOES NOT HAVE THE BUDFLOW OPTION, PROCEED TO STEP 4.

1 Remove pins and chain.



2 Unfold BudFlow panel halfway.

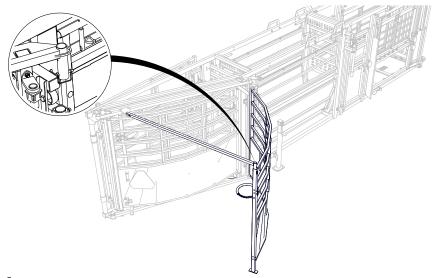




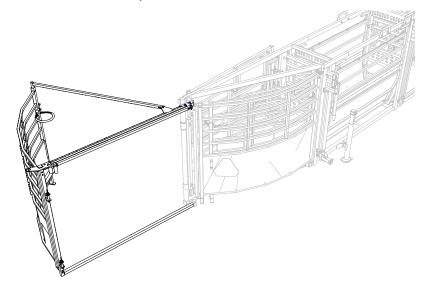
WARNING: BOTH JACKS SHOULD ALWAYS BE AT THE SAME HEIGHT TO KEEP THE UNIT BALANCED.

8 I LOWERING THE UNIT FOR USE UNFOLDING THE COLLAPSIBLE TUB I 9

Attach top joiner bar to BudFlow frame. Secure with pin.



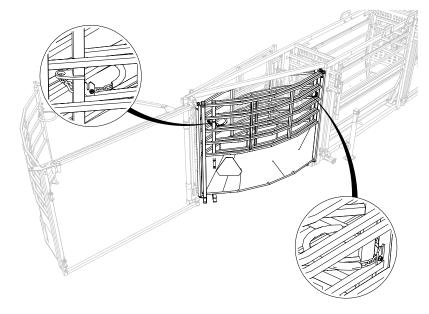
Unfold the bow frame all the way out.



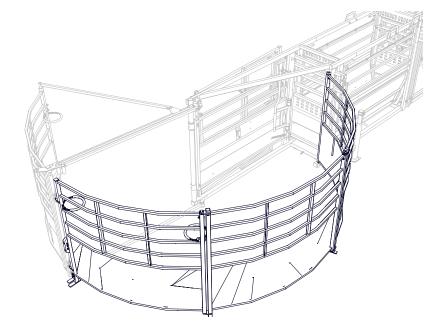


WARNING: IF YOU HAVE DIFFICULTY FOLDING YOUR TUB, LIFT THE UNIT A FEW INCHES OFF THE GROUND AND SET DOWN IMMEDIATELY ONCE COMPLETED.

Undo the rest of the chains.

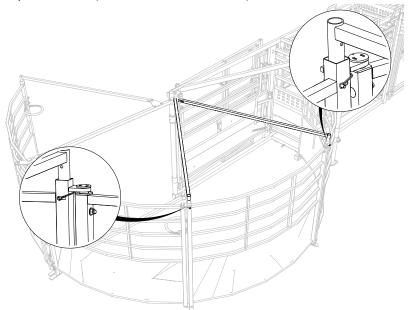


Unfold remaining tub panels.

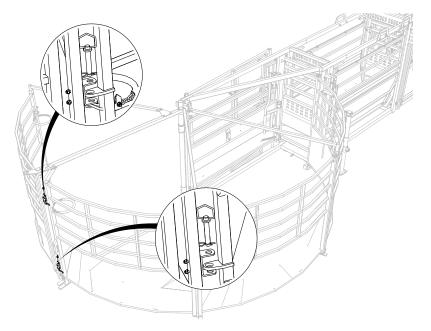


10 | UNFOLDING THE COLLAPSIBLE TUB UNFOLDING THE COLLAPSIBLE TUB | 11

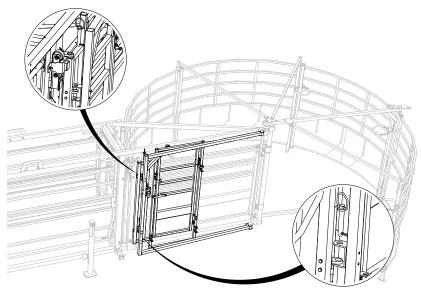
 $m{7}$ Attach joiner bars to the panels as shown and secure with pin.



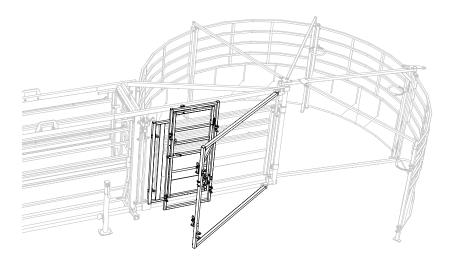
8 Attach tub panels to BudFlow with pin in place.



9 Remove pins from man-door.

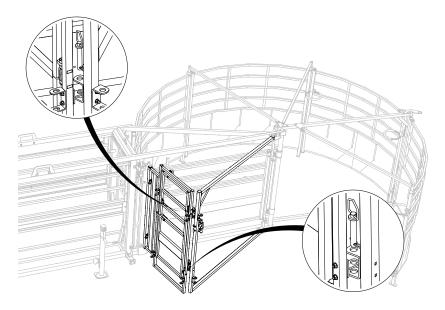


10 Unfold Bow from the side of the tub.

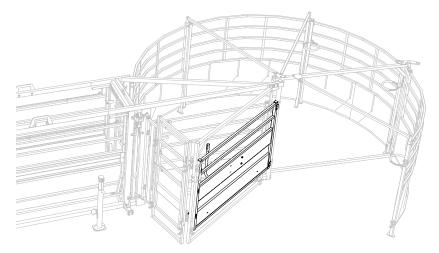


12 | UNFOLDING THE COLLAPSIBLE TUB UNFOLDING THE COLLAPSIBLE TUB | 13

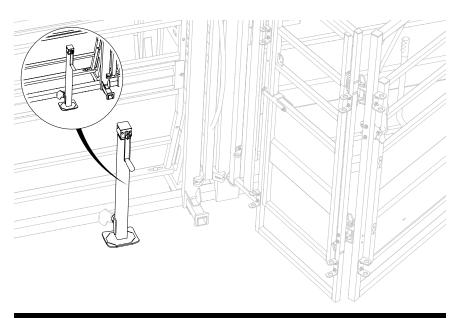
11 Unfold man-door and attach to bow using panel clips and same pins you just removed.



12 Swing the gate out from the side of the tub – it will lock into the bow.



13 FINAL STEPS: Lower both jacks completely to the ground.



READY FOR USE

RAISING THE UNIT FOR TRANSPORT



SAFETY CHECK:

- ✓ All animals have been removed from the unit.
- ✓ The unit must be flat on the ground before proceeding.

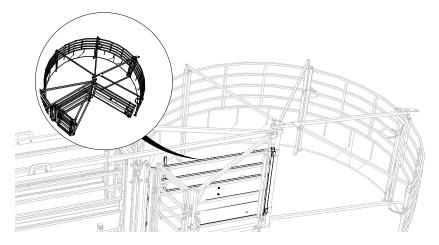
14 | UNFOLDING THE COLLAPSIBLE TUB RAISING THE UNIT FOR TRANSPORT | 15

FOLDING THE COLLAPSIBLE TUB

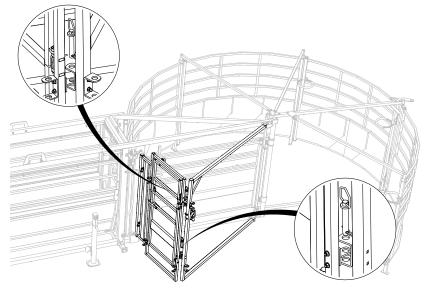
A

WARNING: IF YOU HAVE DIFFICULTY FOLDING YOUR TUB, LIFT THE UNIT A FEW INCHES OFF THE GROUND AND SET DOWN IMMEDIATELY ONCE COMPLETED.

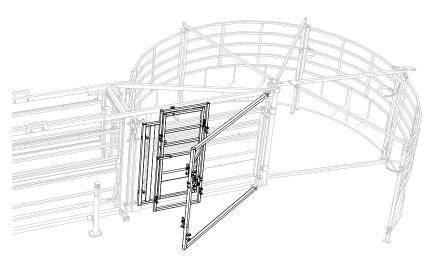
1 Fold in the gate from the bow to the side of the tub.



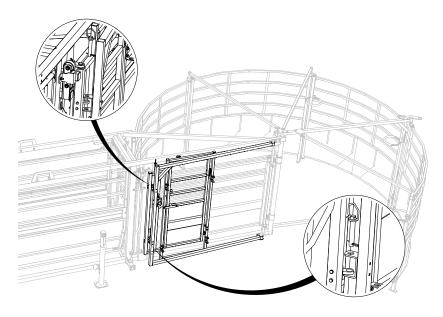
2 Remove pins.



3 Fold in man-door.

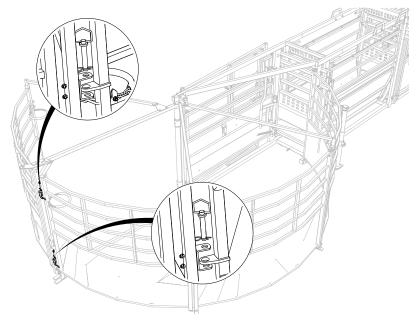


4 Fold in the bow and pin in place.

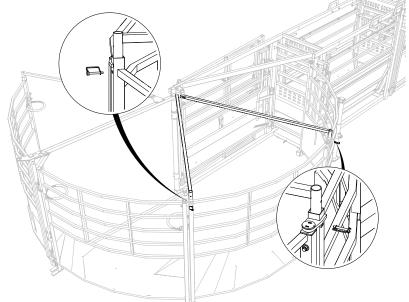


16 | FOLDING THE COLLAPSIBLE TUB FOLDING THE COLLAPSIBLE TUB 17

5 Unpin the tub panels from main bow.

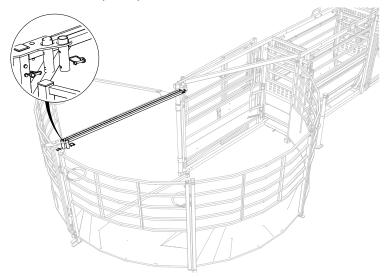


6 Detach joiner bars.

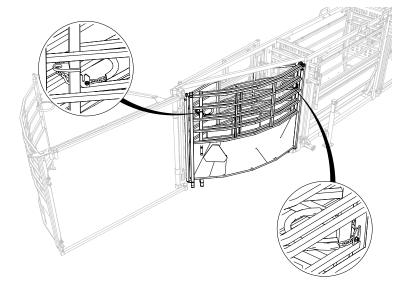




7 Put joiner bars back to their respective place.



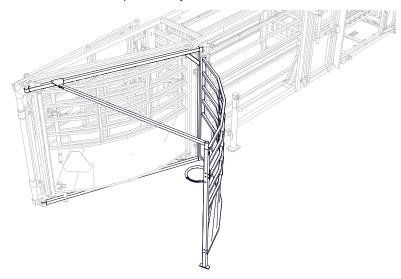
8 Fold in tub panels and chain up.



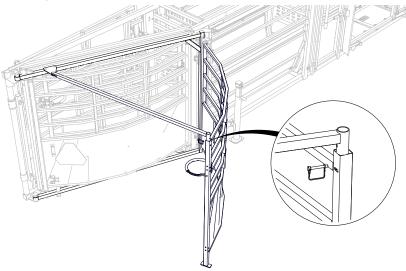
18 I FOLDING THE COLLAPSIBLE TUB FOLDING THE COLLAPSIBLE TUB 19

NOTE: IF YOUR UNIT DOES NOT HAVE THE BUDFLOW OPTION, YOUR TUB IS READY FOR TRANSPORT. IF YOU HAVE THE BUDFLOW OPTION, PLEASE PROCEED WITH THE FOLLOWING STEPS.

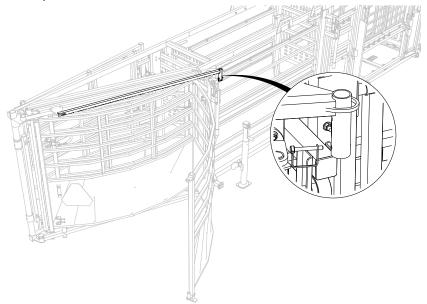
9 Fold in bow frame and BudFlow panel halfway.



10 Remove joiner bar.

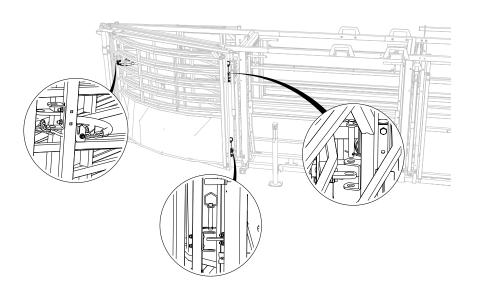


11 Attach joiner bar.



12 Fold in bow frame the rest of the way, chain in place and pin it up.

IMPORTANT: ENSURE THE BOTTOM BAR IS TUCKED INTO THE BLACK BRACKET!

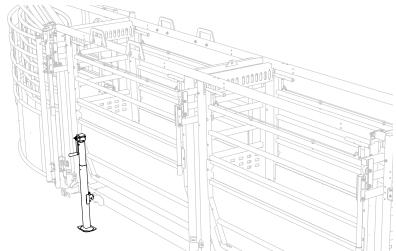


13 Proceed to [INSTALLING TIRES].

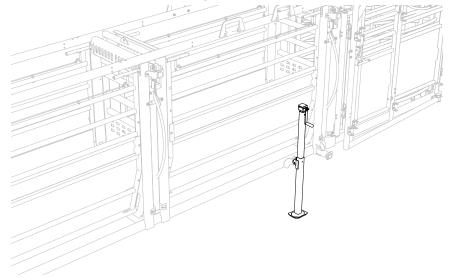
20 | FOLDING THE COLLAPSIBLE TUB FOLDING THE COLLAPSIBLE TUB

INSTALLING TIRES

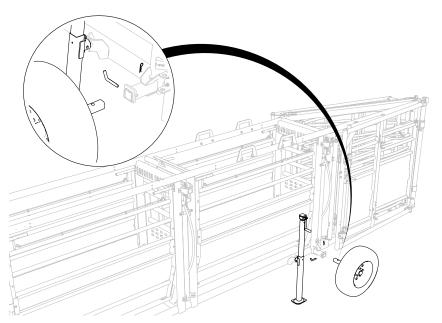
1 Using the jack, raise one side of the unit approx. 6" off the ground NOTE: YOU CAN RAISE ONE SIDE OF THE UNIT AT A TIME.



2 Raise the opposite side of the unit enough to install the wheel.

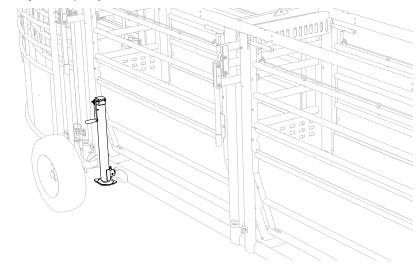


3 Install the wheel and secure with transport pins.



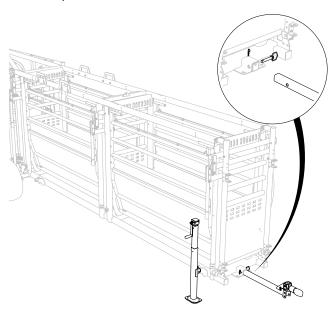
4 Repeat STEPS 1 to 3 on other side.

5 Retract jacks completely.

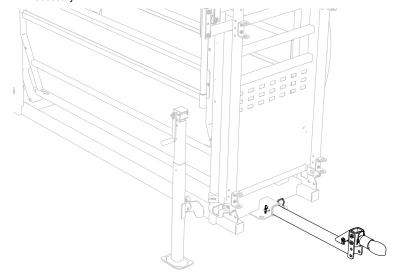


22 I INSTALLING TIRES I 23

6 Using the front jack, raise the unit approx. 3" above the ground. Install the hitch and secure with the pin.

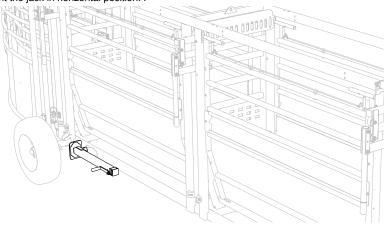


7 Connect the unit to the towing vehicle. Adjust the hitch to the proper position for the vehicle, as necessary.



NOTE: DO NOT HOLD THE BOTTOM PLATE ON THE HEAD HOLDER WHEN ADJUSTING

8 Retract the front jack completely and mount it at the rear jack for transport. It is recommended to mount the jack in horizontal position.





SAFETY CHECK:

- ✓ All animals have been removed from the unit.
- ✓ All jacks are retracted completely.
- ✓ All panels and joiner bars are secured.

READY FOR TRANSPORT

24 I INSTALLING TIRES

INSTALLING TIRES | 25

ARROWLOCK HEAD GATE CONVERSION

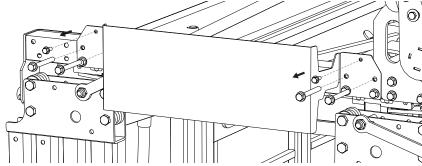
TOOLS REQUIRED:

- 2 people - 2 x 9/16" wrench - 1-1/16" Wrench

PliersRatchet Pawl Assembly2 x 3/4" wrench

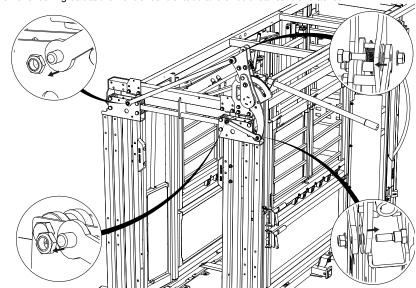
INSTALLATION:

1 Remove shield

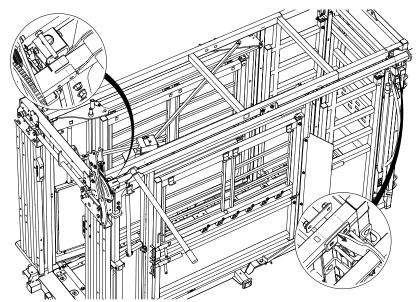


2 Remove linkages.

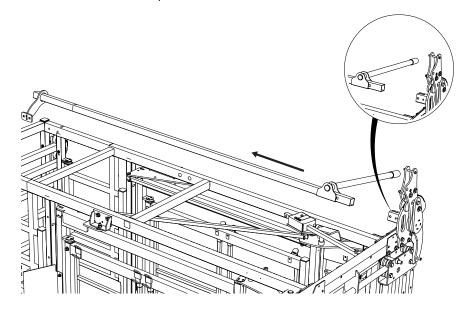
3 Remove locking bolt at the front of control tube and unbolt rear control bracket.



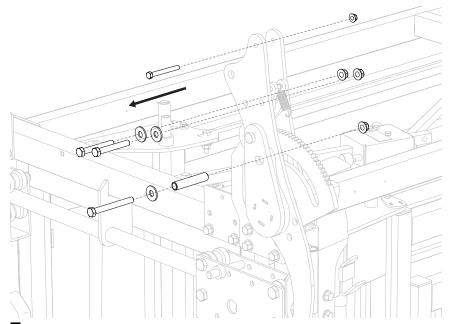
4 Remove control tube assembly and rear bracket.



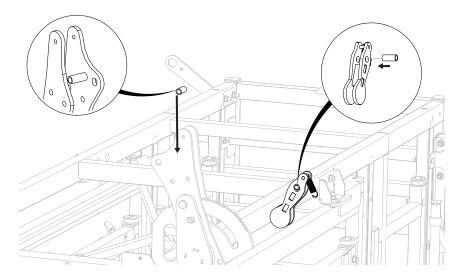
5 Remove bolts from ratchet plate.



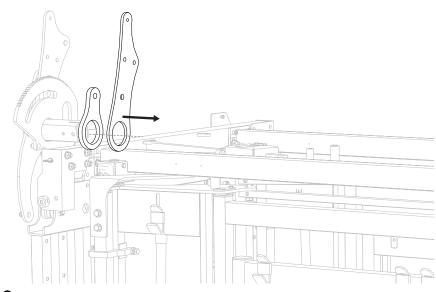
6 Remove Pawl and spring.



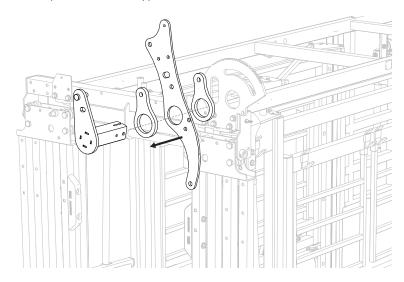
7 Remove lock hammer top (2024756) and spacer from rear side of ratchet plate.



 $m{8}$ Remove ratchet pawl with the plastic spacers and ratchet hammer.

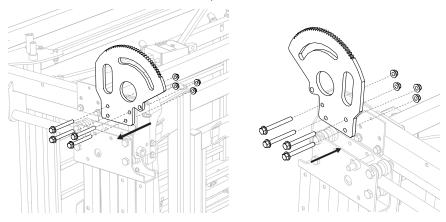


9 Remove ratchet plate and install on opposite side

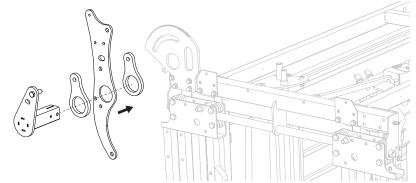


28 I ARROWLOCK HEAD GATE CONVERSION ARROWLOCK HEAD GATE CONVERSION 1 29

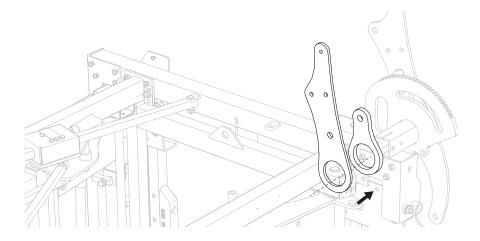
 $10\,$ Install RH Ratchet Drive/Release WA, spacers and hammer.



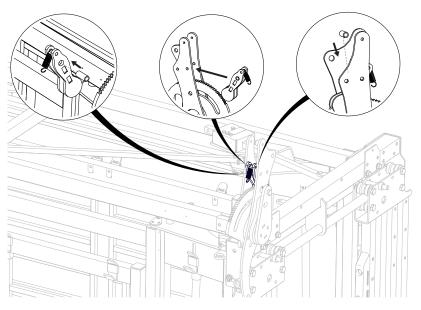
11 Install spacer and lock hammer top (2024756).



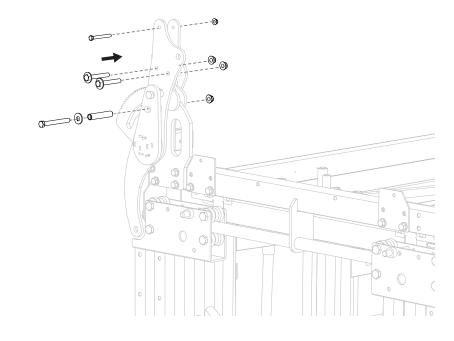
12 Install pawl and spring with 2X bolts.



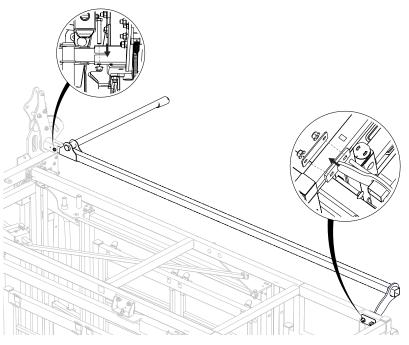
13 Install remaining 2X Arrowlock bolts.



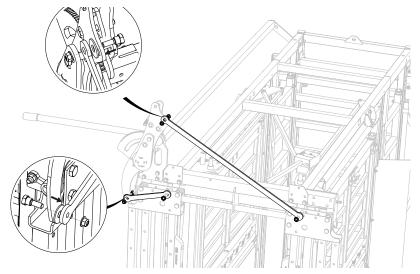
14 Install control tube and handle.



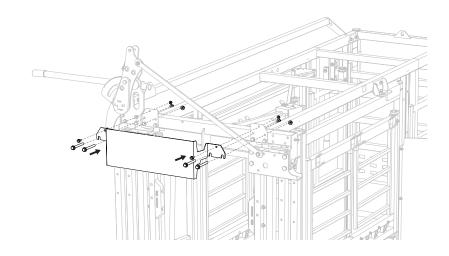
15 Install rear control tube pin and fasten front control tube. Note bolt should crush down sleeve until sleeve clamps control tube top and bottom.



16 Install linkage.



17 Install name shield.



32 I ARROWLOCK HEAD GATE CONVERSION ARROWLOCK HEAD GATE CONVERSION I 33

ARROWLOCK HEAD GATE ADD-ONS

4TH GENERATION HEAD HOLDER

For complete information, read the Head Restraint manual.

REQUIREMENTS:

- 2 people

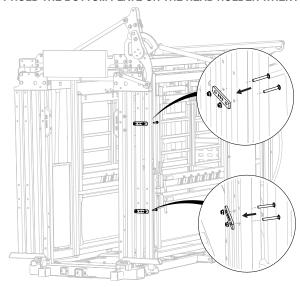
- 9/16" wrench

- 3/4" wrench

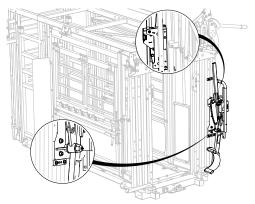
INSTALLATION

1 Install top and bottom stops to the slots in the Head Gate

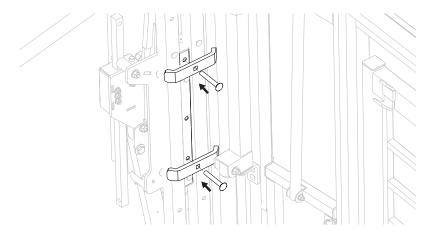
NOTE: DO NOT HOLD THE BOTTOM PLATE ON THE HEAD HOLDER WHEN ADJUSTING



2 Align the rear Head Holder tube between the Head Gate rails, resting the Head Holder on the stop.



3 Loosely fasten on rear brackets.



4 Lift the Head Holder to desired position and tighten brackets.

Safety Precautions:

✓ Ensure that the head holder remains open until required to hold the animal's head.

Maintenance:

- 3. Add grease through the grease nipples as needed.
- 4. Every 6 months:
 - a. Check bolts to ensure they are tightened properly.
 - b. Spray brake cleaner on a rag and wipe the lockbox shaft while opening and closing the head holder.

34 I ARROWLOCK HEAD GATE ADD-ONS ARROWLOCK HEAD GATE ADD-ONS I 35

LUG POSTS

Requirements:

- 2 people

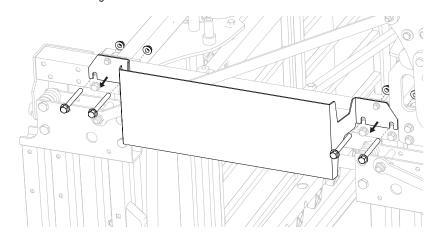
- 2x 9/16" wrench

- 2 x 3/4" wrench

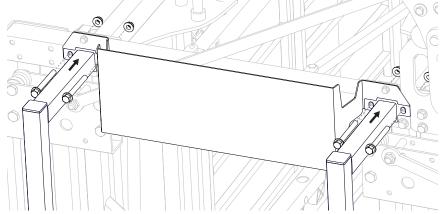
Installation:

NOTE: ONLY INSTALL ONE SIDE AT A TIME SO NAME SHIELD STAYS ON THE CHUTE

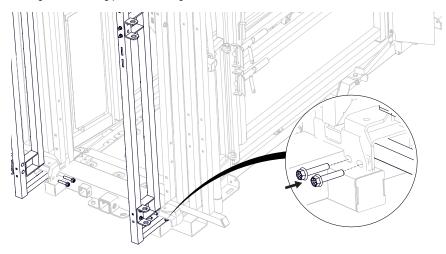
1 Remove bolts holding decal name shield.



2 Install lug post and top two bolts, do not tighten down.



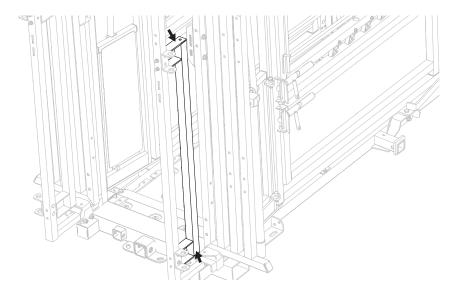
3 Align bottom of lug post and carriage head bolts with the head towards the inside of the chute.



4 Tighten down all 4 bolts.

 $\boldsymbol{5}$ Repeat steps to install the post on the opposite side.

NOTE: REMOVE FILLER POST BEFORE INSTALLING HEAD HOLDER.



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CRASH GATE

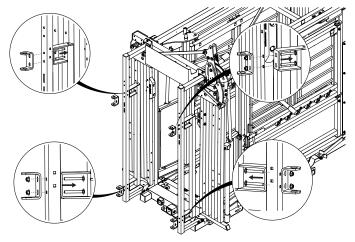
REQUIREMENTS:

- 1 person - 3/4" wrench - 1 1/8" wrench

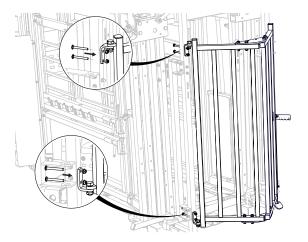
INSTALLATION:

THE CRASH GATE CANNOT BE INSTALLED WITHOUT LUG POSTS – FOR INSTALLATION, REFER TO LUG POST INSTALLATION.

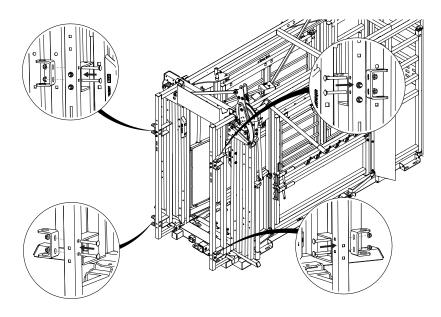
1 Remove front panel clips from front of Lug Posts.



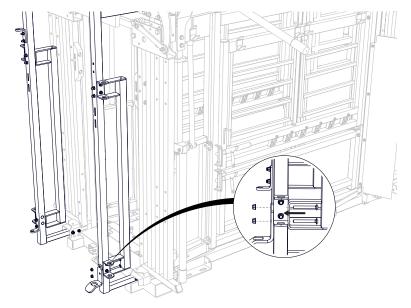
2 Attach panel clips to the side of Lug Posts.



 ${\bf 3} \ \ {\bf Mount Crash \ Gate \ and \ hinges \ to \ the \ front \ of \ offside \ Lug \ Post.}$



4 Bolt on striker plate to the bottom of Lug Posts on opposite side.



38 I ARROWLOCK HEAD GATE ADD-ONS ARROWLOCK HEAD GATE ADD-ONS I 39

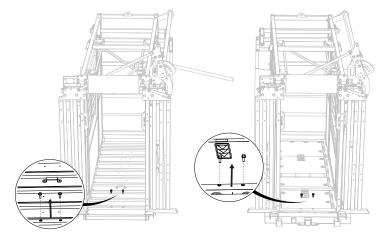
SHEETED STERNUM BAR

REQUIREMENTS:

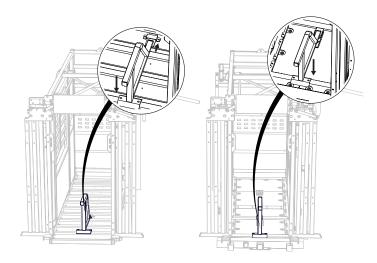
- 1 person - ¾" wrench

INSTALLATION:

1 Remove stock bolts from front hold down.

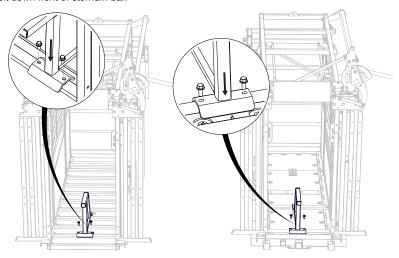


2 Insert rear of sternum bar into hold-down.



NOTE: THIS WILL BE A BRACKET ON THE 55 SERIES AND A TUBE ON THE 75 SERIES.

3 Bolt down front of sternum bar.





SAFETY CHECK:

✓ Ensure that the sternum bar is installed correctly before running cattle through the chute.

Safety Precautions:

✓ Remove the sternum bar when working calves.

40 | ARROWLOCK HEAD GATE ADD-ONS ARROWLOCK HEAD GATE ADD-ONS |

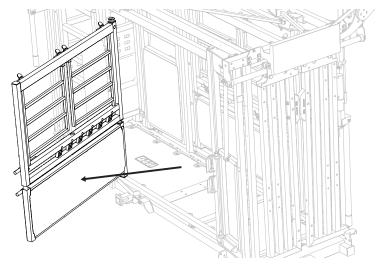
CALF RESTRAINER BAR

REQUIREMENTS:

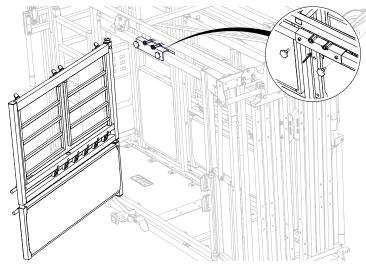
- 1 person - 3/4" wrench

INSTALLATION:

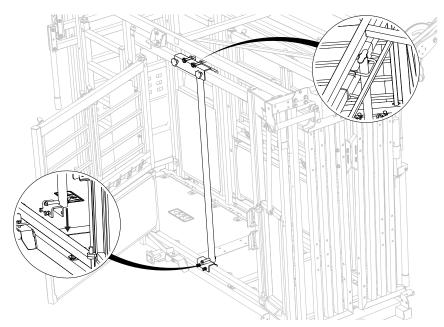
1 Open emergency doors.



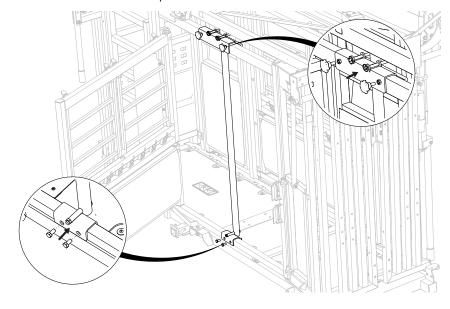
2 Mount on top bracket .



3 Insert Restrainer Bar into top bracket.



4 Set bottom bracket onto the squeeze frame.



42 | ARROWLOCK HEAD GATE ADD-ONS ARROWLOCK HEAD GATE ADD-ONS | 43

EASY FLOW ALLEY

This section contains:

- Adjusting the Easy Flow Alley
- Using the Removable Panels
- Using the Emergency Exit
- Scale Platform Installation
- Rolling Door Switch

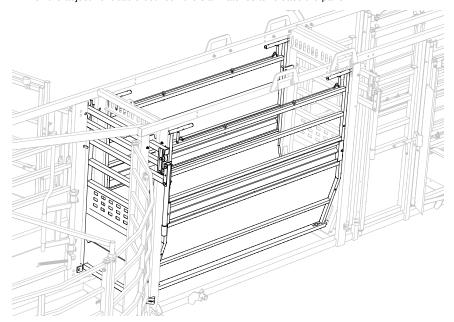
ADJUSTING THE EASY FLOW ALLEY



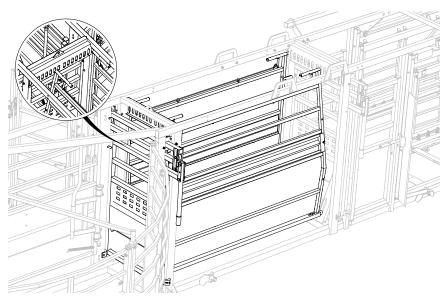
ACTIVATE THE SAFETY LATCHES BEFORE ADJUSTING.

Safety latches must be in place when adjusting the width of the alley. Failure to use the safety latches may cause the panels to drop unintentionally, resulting in damage to persons or property.

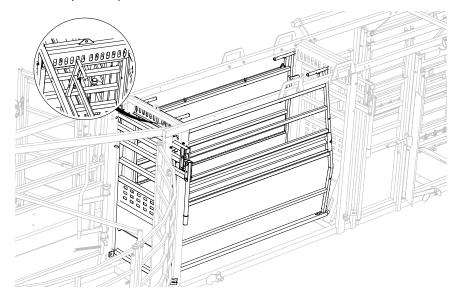
1 Pull the adjustment cable between the slam latches to release the panel.



 ${f 2}$ Adjust the panel to the desired position.



 $oldsymbol{3}$ Lock the panel into position with slam latches.



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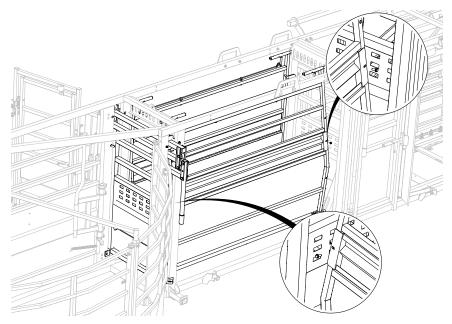


4 Repeat steps 1-3 to adjust the opposite side.

USING REMOVABLE SIDE PANELS

The removable side panels can be configured in multiple positions, allowing you to control what cattle see in the alleyway. Additional panels can be added as desired.

1 Unscrew bolts on both ends to release the panel.



2 Remove the panel and install in desired position. If you do not require high sheeting, or are working with calves, panels can be stored on the side of the alley.

USING THE EMERGENCY EXIT

In the event of a downed animal or other emergency, you can use the emergency exit to release livestock from the alleyway. Exercise caution when releasing livestock, as they may act in unpredictable and/or uncharacteristic ways while distressed.

Watch the emergency exit demo here: youtu.be/4eVA-R1v1bo

REQUIREMENTS:

- 2 people



DANGER: PANELS ARE VERY HEAVY AND WILL DROP WITH EXCESSIVE PRESSURE WHEN AN ANIMAL IS CONTAINED IN THE ALLEY. FAILURE TO OPERATE THE EMERGENCY EXIT PROPERLY MAY RESULT IN DAMAGE OR INJURY.

INSTRUCTIONS:

- 1 Ensure all persons and property are out of the way.
- **2** Tie a minimum 17' long rope on the top bar of the panel.
- **3** Wrap the rope around the center post on the alley twice.
- **4** Deactivate the safety latch on the chosen exit side.



TRANSFER TO THE OPPOSITE SIDE OF THE ALLEY BEFORE PROCEEDING. (NON-EXIT SIDE)

- **5** Release the slam latches on the panel to be lowered.
- **6** Lower the exit panel to the ground slowly with the rope.
- 7 Assist the animal to exit the alley and provide care, as necessary.
- 8 Once the animal is free of the alley, lift the panel back into position and secure the slam latches.
- **9** Ensure both latches are securely fastened in parallel adjustment slots.



ACTIVATE THE SAFETY LATCH BEFORE PROCEEDING.

10 Remove the rope. It is now safe to continue running cattle through the alley.

46 | EASY FLOW ALLEY | 47

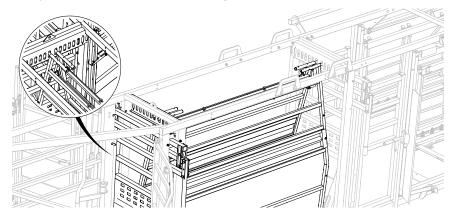
SCALE PLATFORM

REQUIREMENTS

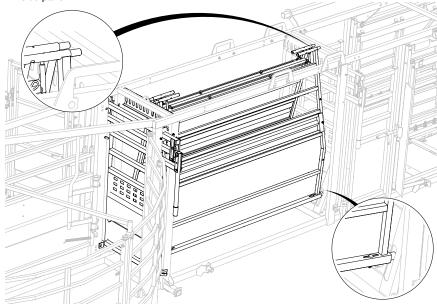
- 2 people

INSTALLATION:

1 Adjust the alley width to the narrowest setting.



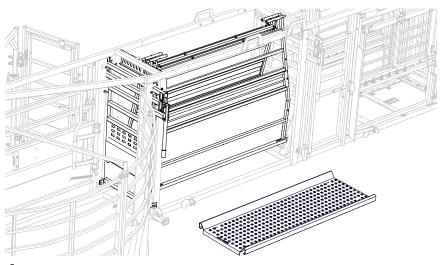
2 Lift the side panel and set the latch above the alley bow. Repeat step for the opposite side panel.



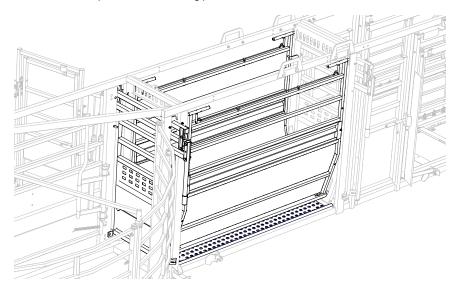


WARNING: THE PANELS ARE VERY HEAVY. YOU WILL NEED AT LEAST 2 PEOPLE TO LIFT EACH PANEL.

3 Slide Scale Platform underneath.



4 Lower the side panels back to working position.



48 | SCALE PLATFORM SCALE PLATFORM

SAFETY PRECAUTIONS:

✓ Please ensure that the scale platform is installed correctly, and side panels are properly latched before running cattle through the unit.

ROLLING DOOR CONVERSION

NOTE: SWITCHING FROM LEFT-HAND TO RIGHT-HAND OPERATION SHOWN. FOR RIGHT-HAND TO LEFT-HAND OPERATION, COMPLETE THE STEPS FROM THE OPPOSITE SIDE.

Requirements:

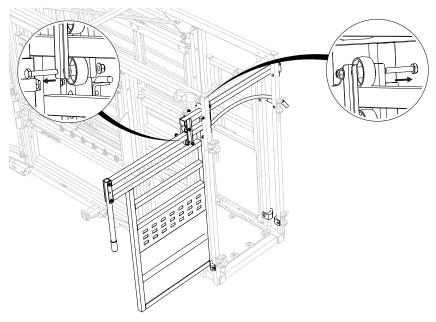
- 1 person

- 9/16" wrench

- 2 x 3/4" wrench

Installation:

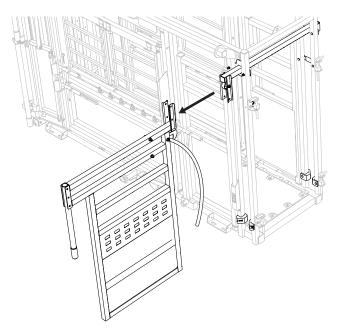
1 Open Rolling Door and remove top and bottom wheel from working side.



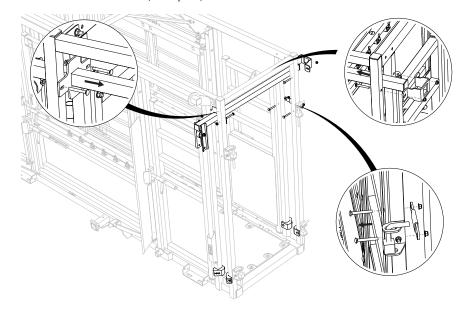


CAUTION: DOOR WILL SWING DOWN

2 Remove the Rolling Door completely.

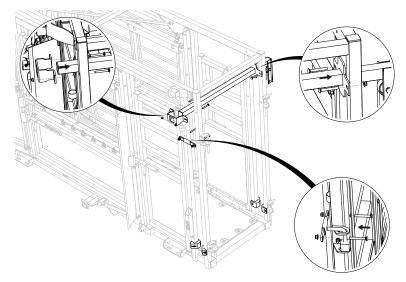


 $oldsymbol{3}$ Remove the side bracket, track plate, and door handle slider as shown.

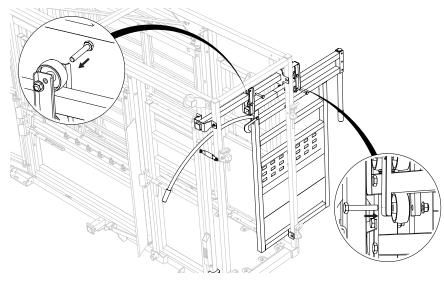


50 | ROLLING DOOR CONVERSION ROLLING DOOR CONVERSION | 51

4 Install the side bracket, track plate, and door handle slider on opposite side.



5 Slide the door into the track and install top and bottom wheels.



6 Close door.

COLLAPSIBLE TUB

This section contains:

- Operating Guidelines
- Using the Crowding Tub

OPERATING GUIDELINES

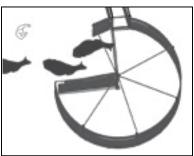


WARNING: DO NOT OVERCROWD YOUR CATTLE TUB. MAXIMUM 3-4 ADULT CATTLE AT A TIME.

For instructions on how to fold and unfold your cattle tub, go to [TRANSPORTING THE ARROWLOCK 75 SERIES PORTABLE WORKING SYSTEM ON PAGE 3].

USING THE 3E BUDFLOW TUB

1. Guide cattle into the tub.



3. Cattle naturally turn back to where they entered.



2. Close the entry gate.



4. If needed, use the swing gate to guide cattle into the alley.



USING THE CROWDING TUB

- 1. Guide cattle into the tub.
- 2. If needed, use the swing gate to guide cattle into the alley.

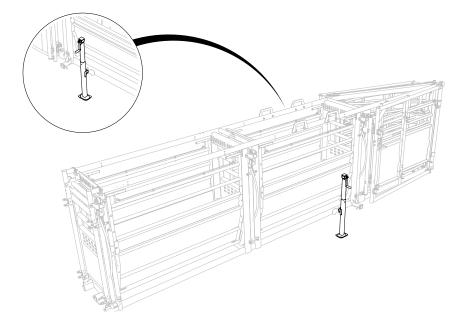
52 | ROLLING DOOR CONVERSION COLLAPSIBLE TUB | 53

PORTABLE JACKS

OPERATING THE PORTABLE JACKS



WARNING: BOTH JACKS SHOULD ALWAYS BE AT THE SAME HEIGHT TO KEEP THE UNIT BALANCED



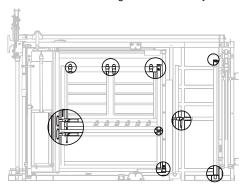
RECOMMENDED MAINTENANCE

All Arrowquip Products are made with precision parts to require minimal maintenance. However, regular maintenance will keep your equipment running smoothly and safely.

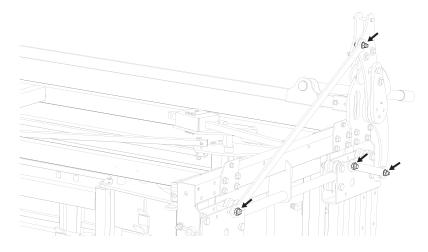
REGULAR MAINTENANCE (EVERY 6 MONTHS)

1. General Maintenance

- Inspect the entire unit. Ensure all moving components are free of debris and functioning properly. Use proper cleaning and troubleshooting steps, if necessary.
- ✓ Lubricate slam latches and door hinges with WD-40 Dry Lube.



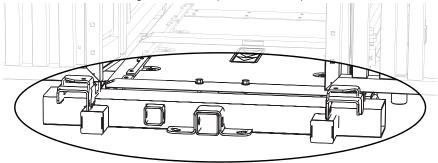
- ✓ Check gate latches and striker plates for wear. Ensure gates are locking securely.
- ✓ Inspect the head gate.
- a. You should feel the head gate rollers moving when you open the head gate. The rollers should be tight enough to be moved by hand, but not over-tight to cause the rollers to bind. If rollers are binding, loosen bolts with 15/16" wrenches.



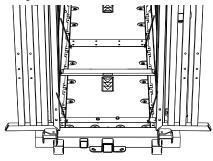
54 | PORTABLE JACKS

RECOMMENDED MAINTENACE | 55

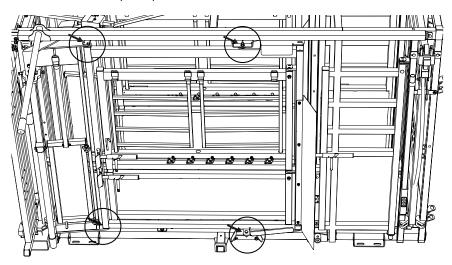
✓ Clean bottom head gate door track to prevent dirt-build-up.



Clean the chute floor. Excess build-up of manure or dirt inside chute can cause the squeeze and head gate to malfunction.



✓ Check main squeeze pivot bolt for wear.



WHEN NECESSARY

- 1. Clean the unit to remove excess build-up or dirt.
- 2. Lubricate the head gate lock.
 - a. Use WD-40 on all connection points.

NOTE: YOU CAN USE GREASE ON THE HEAD GATE TEETH.

Contact 1-877-275-6075 for assistance.

WHEEL MAINTENANCE

It is extremely important to apply and maintain proper wheel mounting torque on your trailer wheel. Torque is a measure of the amount of tightening applied to a fastener (nut or bolt) and is expressed as length force. For example, a force of 90 pounds applied at the end of a wrench on foot long will yield 90 ft. lbs. of torque. A torque wrench is the best method to assure the proper amount of torque is being applied to a fastener.

Be sure to use only fasteners matched to the cone angle of your wheel – usually 60° or 90° . The proper procedure for attaching your wheels is as follows:

- 1. Start all bolts or nuts by hand to prevent cross-threading.
- 2. Tighten bolts or nuts in the sequence shown for wheel torque requirements.
- 3. The tightening of the fasteners should be done in stages. Following the recommended sequence, tighten fasteners per wheel torque requirements diagram.
- 4. Wheel nuts/bolts should be torqued before first road use and after each wheel removal. Check and re-torque after the first 10 miles, 25 miles, and again at 50 miles. Check periodically thereafter.
- 5. Maximum torque level that can be safely applied to the studs are: Stud Size: .5"-20 UNF, class 2A Maximum Torque: 120ft. lbs.

TROUBLESHOOTING GUIDE

If you have a problem with your Portable Cattle Handling System, please consider the following tips or call Client Care at 1-877-275-6075.

MANUAL JACKS

- 1. Manual winder is stiff.
 - a. Check that bearings are oiled.
 - b. Check for obstructions.
 - Inspect moving components of the jacks, to ensure nothing is damaged or obstructing normal operation.
- 2. Manual winder is locked solid.
 - a. Check that bearings are not ceased.

56 | RECOMMENDED MAINTENACE TROUBLESHOOTING GUIDE | 57

WARRANTY

Your product must be registered to claim warranty, and to ensure that Arrowquip has the required information to contact you in the event of a product or part recall. Any owner who fails to register their product warranty with Arrowquip through their Authorized Arrowquip Dealer voluntarily voids their warranty. Arrowquip will repair or replace products or parts of a product that prove defective due to manufacturer defect during the Warranty Period, at their sole discretion. This excludes defects resulting from normal wear and tear or product misuse.

NOTE: Any modification, in any fashion, to any Arrowquip equipment immediately voids the product warranty. This includes the parts contained therein.

E.g. If a modification is made to the squeeze mechanism in a squeeze chute, and the sternum bar is bent afterwards, warranty for the damaged part, the sternum bar, contained in the modified equipment, the squeeze chute, is void. In addition, any remaining warranty for the squeeze chute and other parts contained therein, including, but not limited to, the head gate, locking system, Q-Catch system, and rollers, is null and void.

REGISTER FOR WARRANTY NOW:

Online: arrowquip.com/product-registration

Phone: 1-877-275-6075 | **Email:** cs@arrowquip.com



If you have any questions regarding your product or require assistance, please contact Arrowquip's Client Care Team at 1-877-275-6075 or by email at cs@arrowquip.com.