



ARROWQUIP

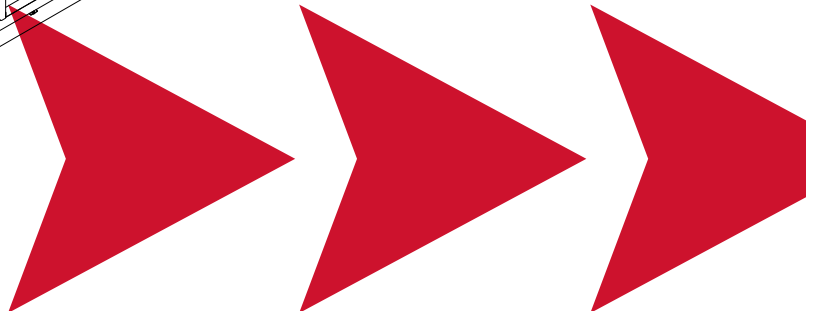
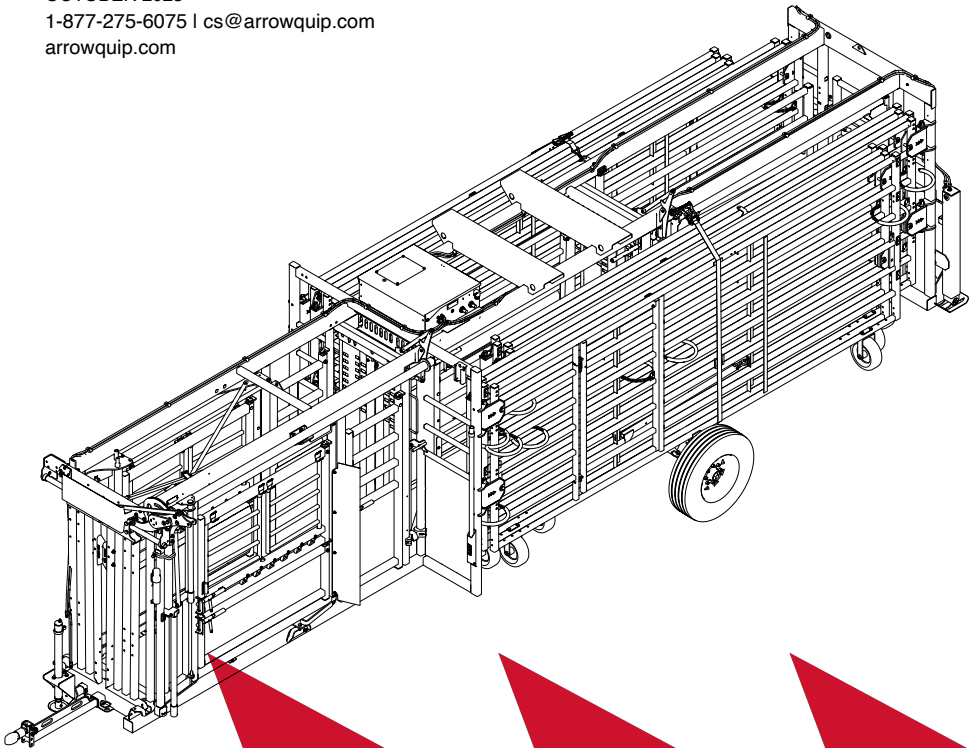
PRODUCT MANUAL

HEELER 75C PORTABLE CHUTE, ALLEY, AND CORRAL SYSTEM

OCTOBER 2023

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

arrowquip.com





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WARNING: DO NOT JACK UP THE REAR-END WHILE THE FRONT IS RAISED, AND VICE-VERSA. ENSURE THE TRANSPORT INSTRUCTIONS OUTLINED IN THIS MANUAL ARE FOLLOWED.

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 PRECAUTIONS OUTLINED HEREIN. 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 is 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, user must assume all responsibility and risk associated with the possession and use of the equipment.

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.

1. Ensure the operator understands the contents of this manual before using the equipment.
2. **DO NOT** wear loose-fitted clothing.
3. Ensure the equipment is on a firm, level, dry surface that is free of rocks and other trip hazards.
4. **DO NOT** enter the vet cage until the animal is secured in the head gate.
5. **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.**
7. Follow safe cattle handling procedures in other areas of the yard so that cattle are more docile.
8. **DO NOT** make any modifications to Arrowquip equipment. Non-factory modifications to the equipment can reduce the safety for the operator and livestock.

RISK ASSESSMENT

Conduct a risk assessment on procedures for which the equipment is used and establish a safe work procedure.

1. Ensure all users of the equipment have been inducted and comply with safe working procedure.
2. Make sure that your equipment has been cleared of ALL livestock after use.
3. Some chemicals and medicines can damage powder coat. Take all precautions and wash after use.
4. Maximum towing speed 40km/25mph
5. Maintain tire pressure of 80 psi.
6. Check wheel lug nuts after 10, 25, 50 miles of use, ensure torqued to 120 ft. lbs.
 - a. This applies to first time use and wheel changes.

PREPARING THE HEELER 75C FOR USE



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

REQUIREMENTS:

- Level ground
- 2 people

OPERATING THE HYDRAULIC JACKS

Refer to this guide to ensure safe operation of the Hydraulic Jacks.

- 1 The control pendant has four buttons marked with F UP and F DOWN for the front jack, and R UP and R DOWN for the rear jacks. Refer to decal for directions.

b. Note:

- **DOWN** means you are engaging the jacks.
- **UP** means you are retracting the jacks.

- 2 When the unit is not attached to a vehicle, lower to the ground for safety.

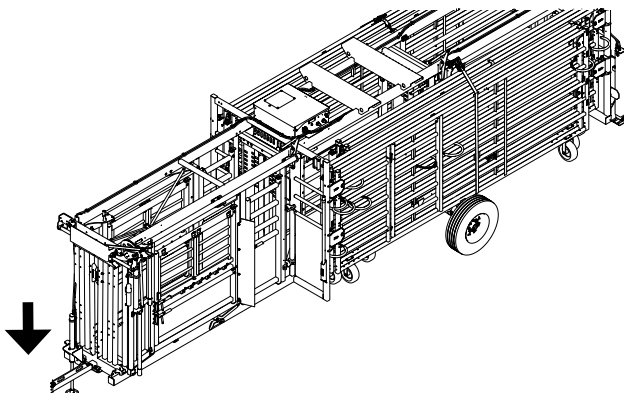
- 3 Only lift the unit from firm, level ground.

- 4 Never raise the unit more than is necessary to put the tires on.

If you have any questions, please contact Client Care at 1-877-275-6075 for assistance.

LOWERING THE HEELER 75C FOR USE

- 1 Back the unit into your desired location.
- 2 Disconnect safety chains and trailer wiring harness from the vehicle.
- 3 Remove the pin and R clip from the hitch.
- 4 Extend the front jack to support the unit using the **DOWN** button until the hitch is disconnected from the vehicle.

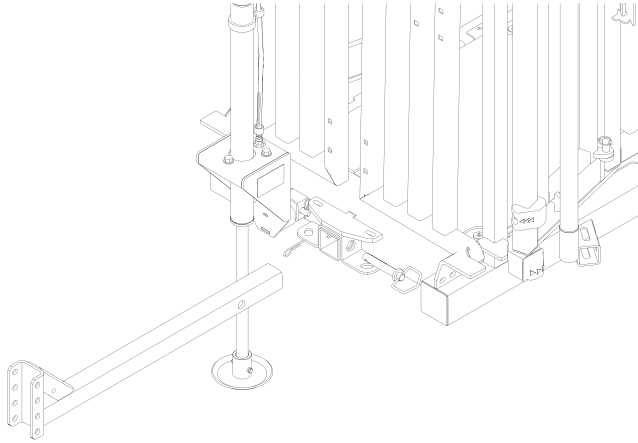


3 | PREPARING & LOWERING THE HEELER 75C FOR USE

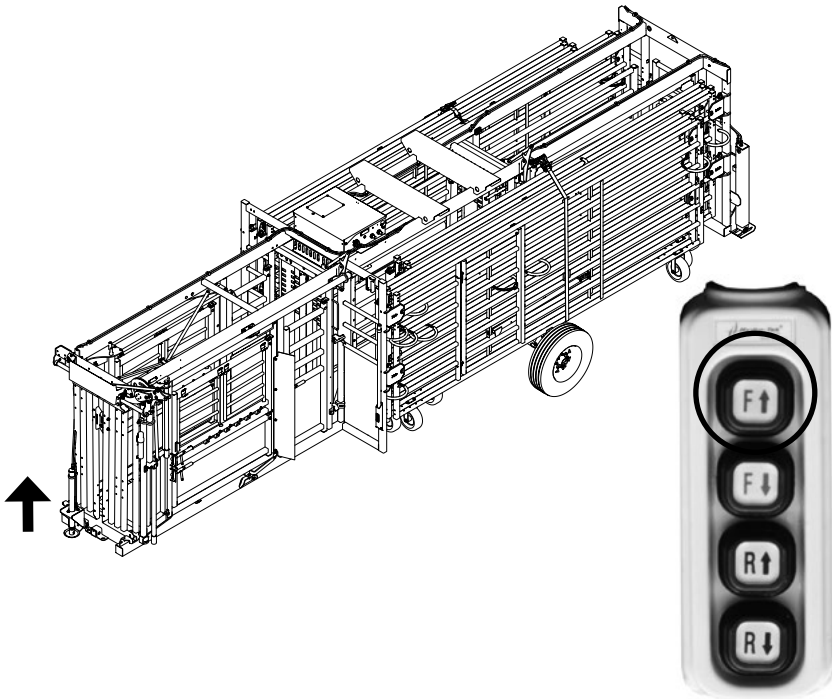


5 Carefully move the vehicle so that it is a safe distance away from the unit.

6 Remove the hitch and set safely aside.

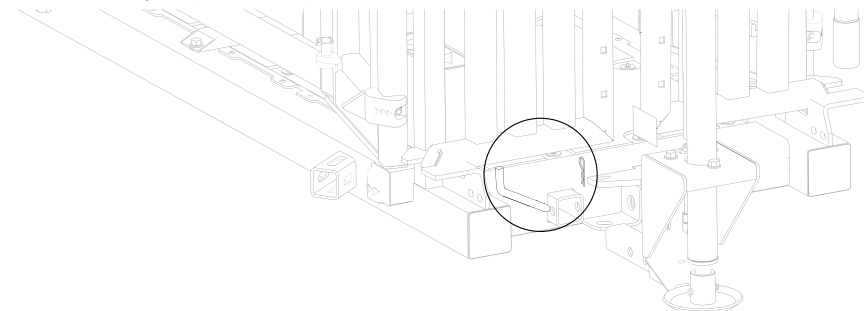


7 Retract the front jack using the UP button until the front of the unit rests on the ground.

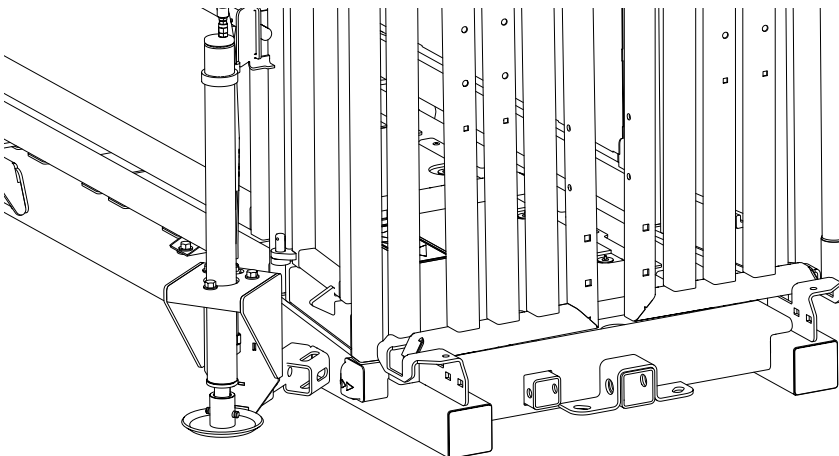


LOWER THE 75C FOR USE | 4

- 8** Remove the jack, pin and R clip from the unit.

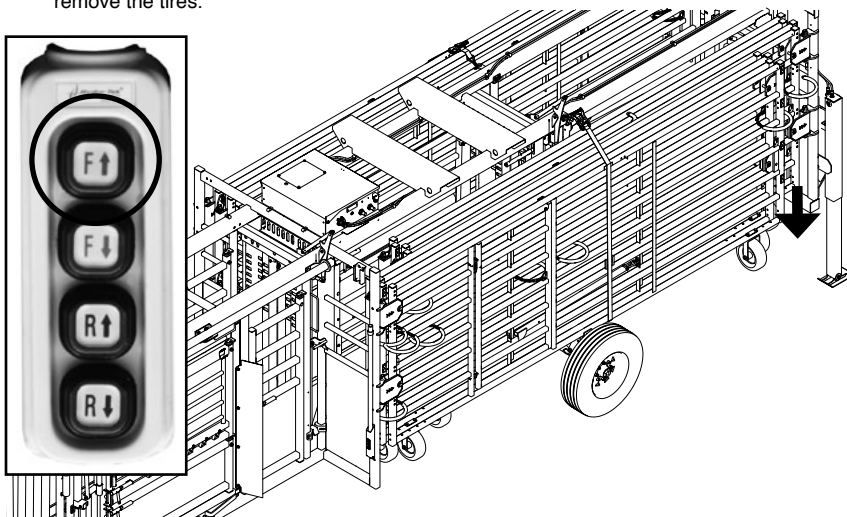


- 9** Insert jack into the storage bracket on the side of the unit and secure with pin and R clip.

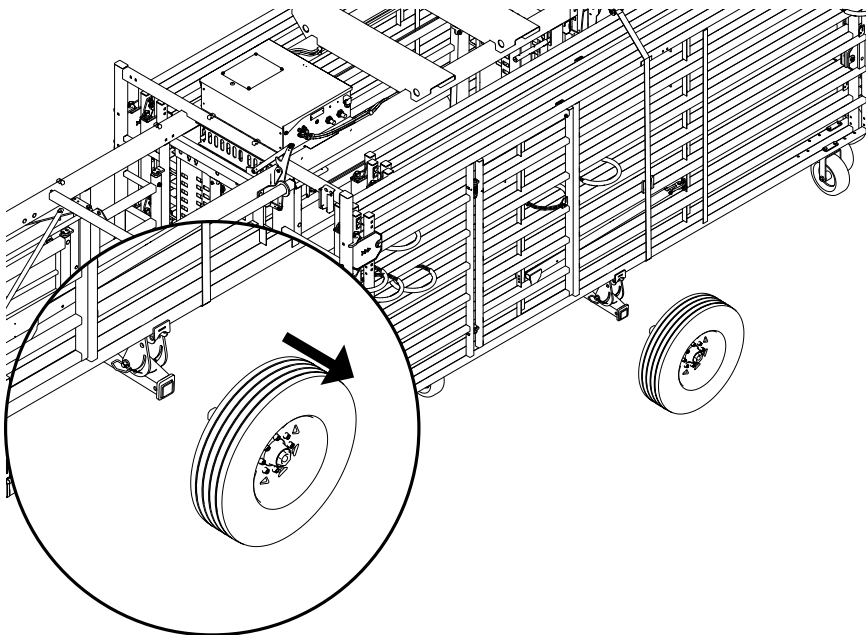


**FRONT OF THE HEELER 75C MUST BE RESTING
ON THE GROUND BEFORE PROCEEDING.**

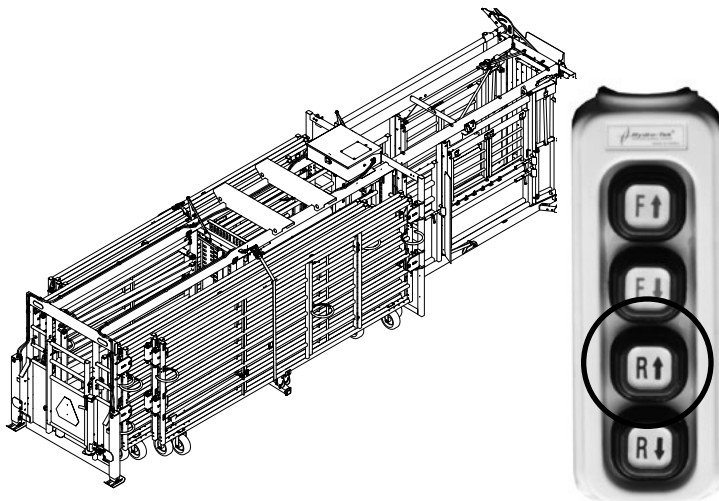
- 10** Extend rear jacks using **DOWN** button until tires are 1" off the ground or just enough to remove the tires.



- 11** Remove tires.



- 12** Retract rear jacks using the **UP** button. Continue to press and hold the **UP** button until both rear jacks stop retracting and are fully retracted. This will keep the jacks in sync.



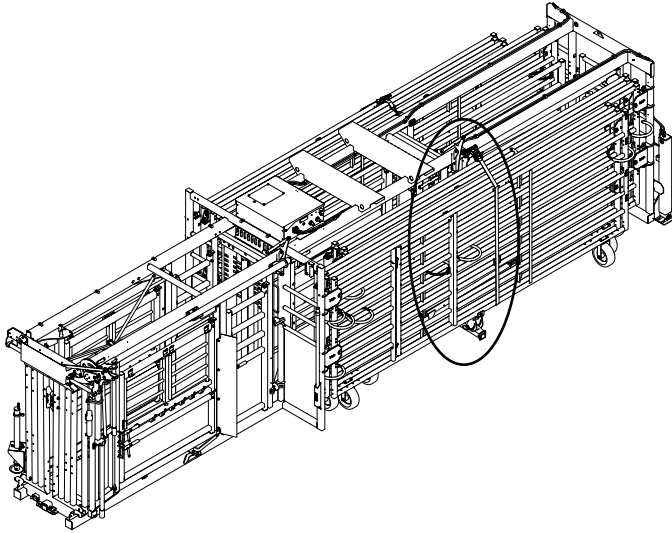
**ENTIRE UNIT MUST BE RESTING ON THE GROUND
BEFORE PROCEEDING.**



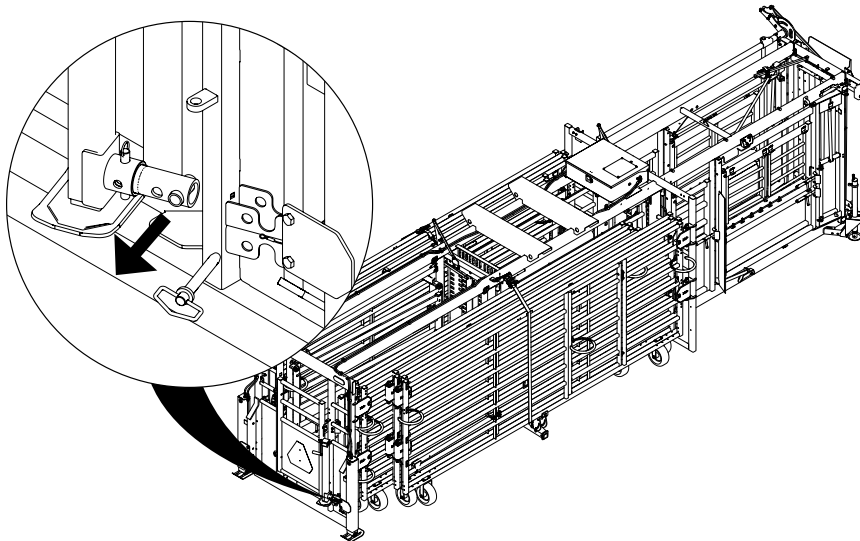
**WARNING: BOTH JACKS SHOULD ALWAYS BE AT THE SAME
HEIGHT TO KEEP THE UNIT BALANCED.**

SETTING UP THE HEELER 75 CORRAL PENS

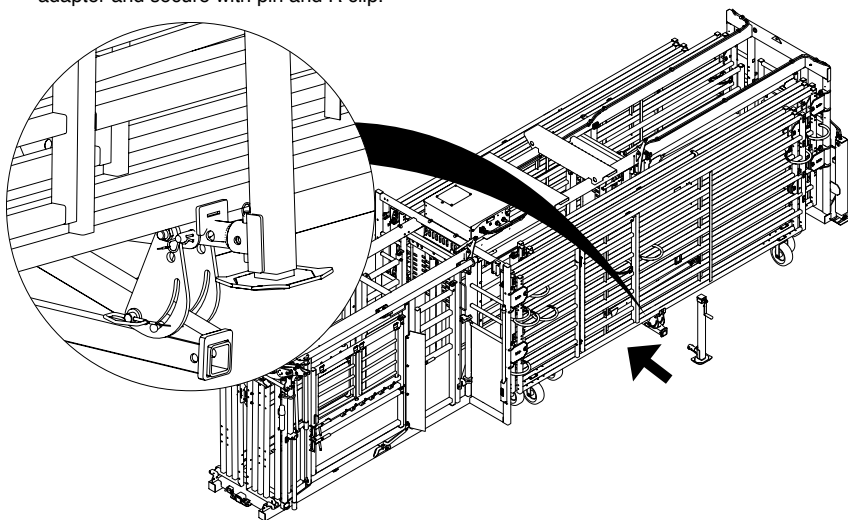
- 1 Once the entire unit is safely on the ground, remove both ratchet straps from the corral panel sets on the main frame.



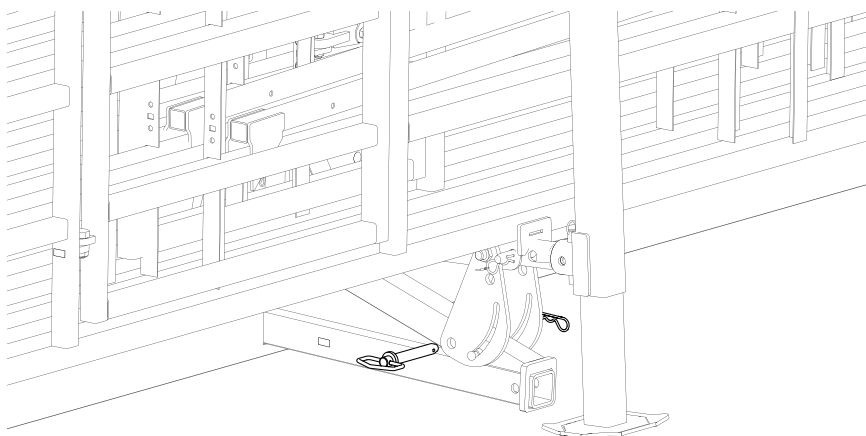
- 2 Remove manual jack and attached adapter, pin and R clip from the back of the unit.



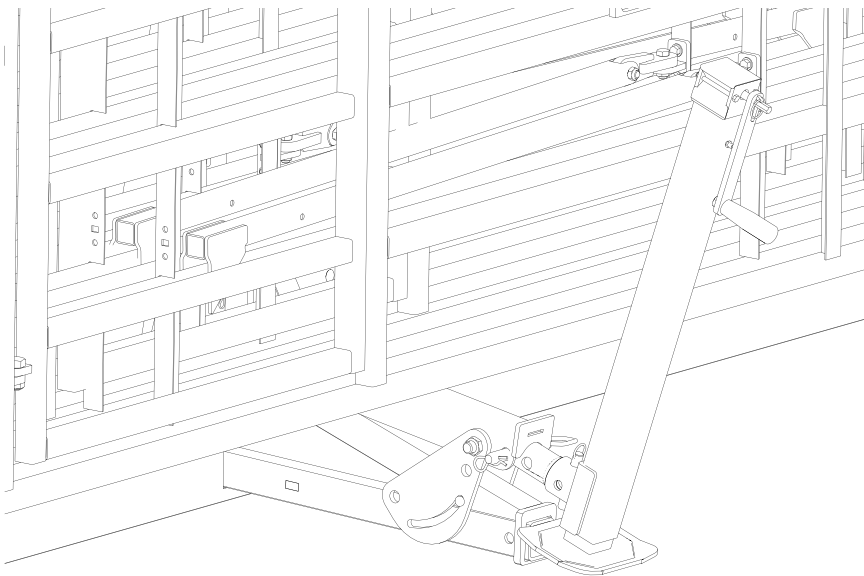
- 3** Starting on one side of the unit, insert the adapter and manual jack into the panel shelf adapter and secure with pin and R clip.



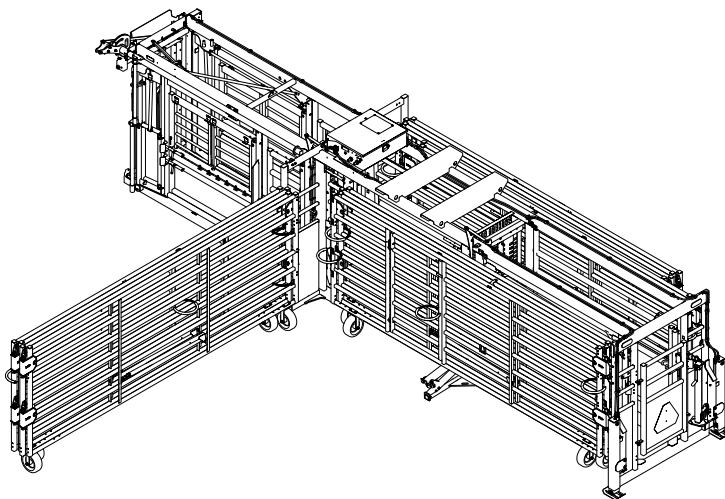
- 4** Crank the jack handle to extend the jack, lifting the panel shelf, until the bottom panel shelf pin and R clip are loose enough to be removed.



- 5** Crank the jack handle to retract the jack until the jack and adapter and pin and R clip can be removed from the panel shelf adapter.

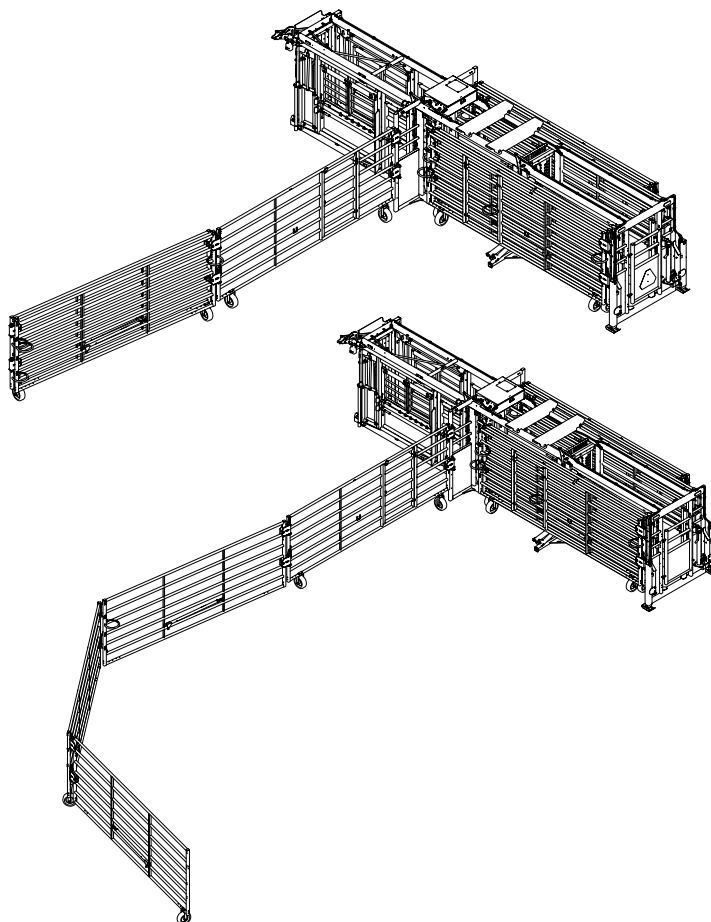


- 6** Repeat steps 3-5 on the other side of the unit.
- 7** Reinstall the manual jack and adapter and pin and R clip at the back of the unit.
- 8** Swing the first set of corral panels out, about 90-degrees from the main frame.

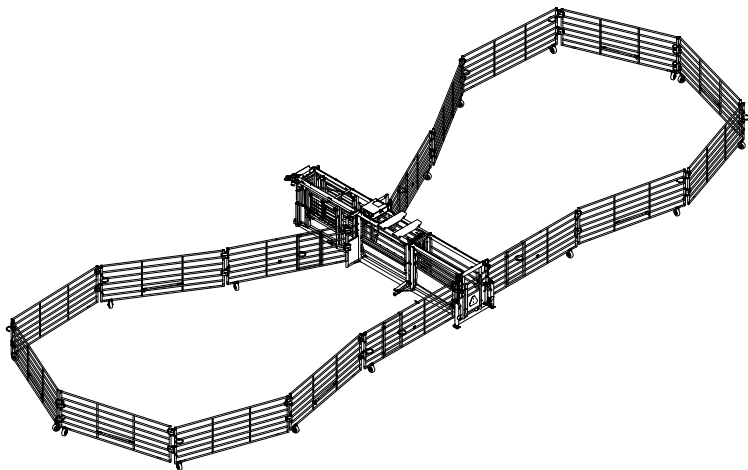


9 Unfold and swing the second, third, and fourth corral panels into the desired position.

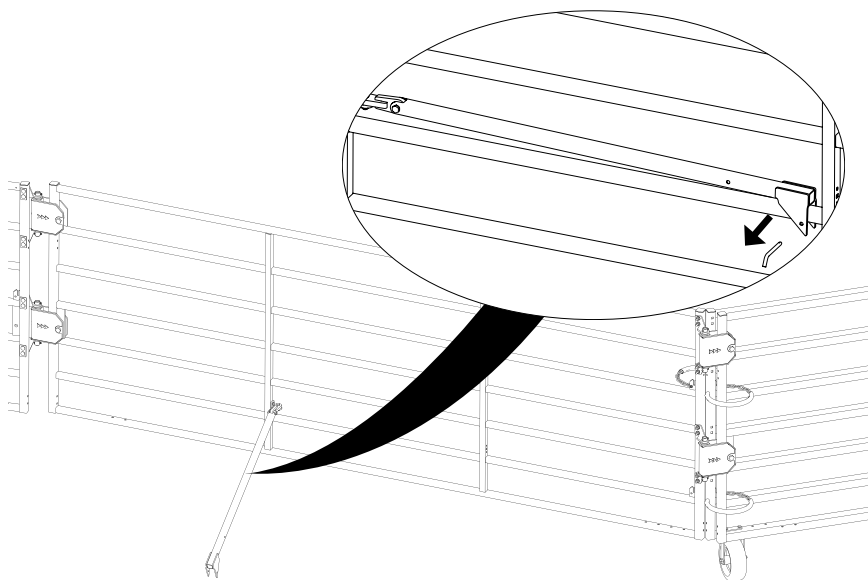
NOTE: YOU DO NOT NEED TO UNFOLD ALL FOUR PANELS. YOU MAY UNFOLD AND USE ONLY TWO OR THREE PANELS IF YOU WISH.



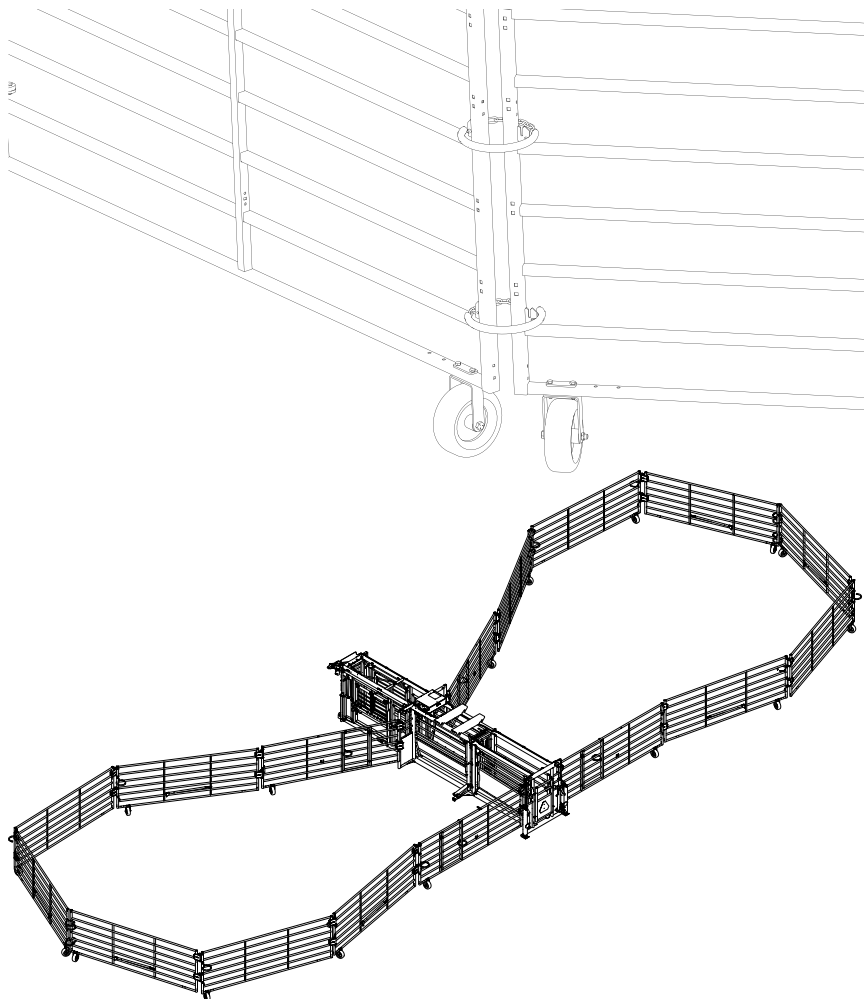
- 10** Repeat Steps 7-8 with all four sets of corral panels, two sets on each side of the main frame.



- 11** Unfold and install the eight anchor bars from the corral panels for added support if desired, two anchor bars on each set of panels.



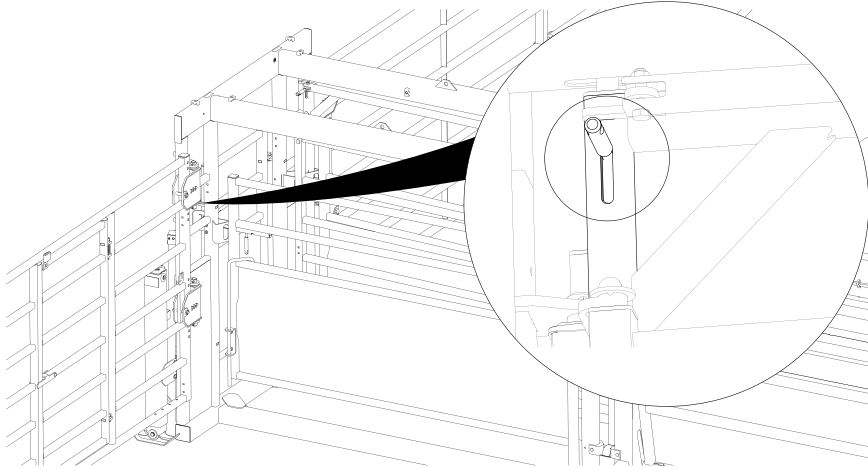
- 12** Once all corral panels are unfolded and anchor bars are in place, chain the outer corral panels together to close the pens in the desired position.



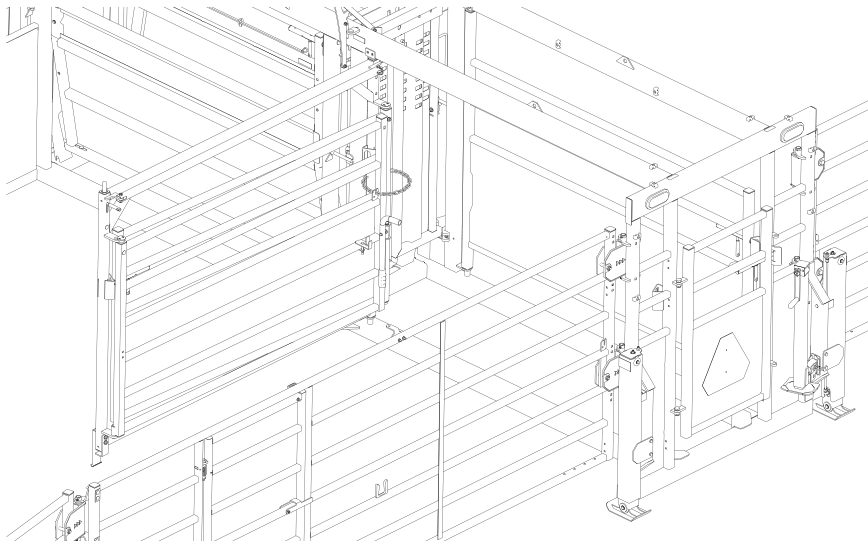
SETTING UP THE BUD BOX

NOTE: BUD BOX CAN BE CONFIGURED ON EITHER SIDE OF THE HEELER 75C.

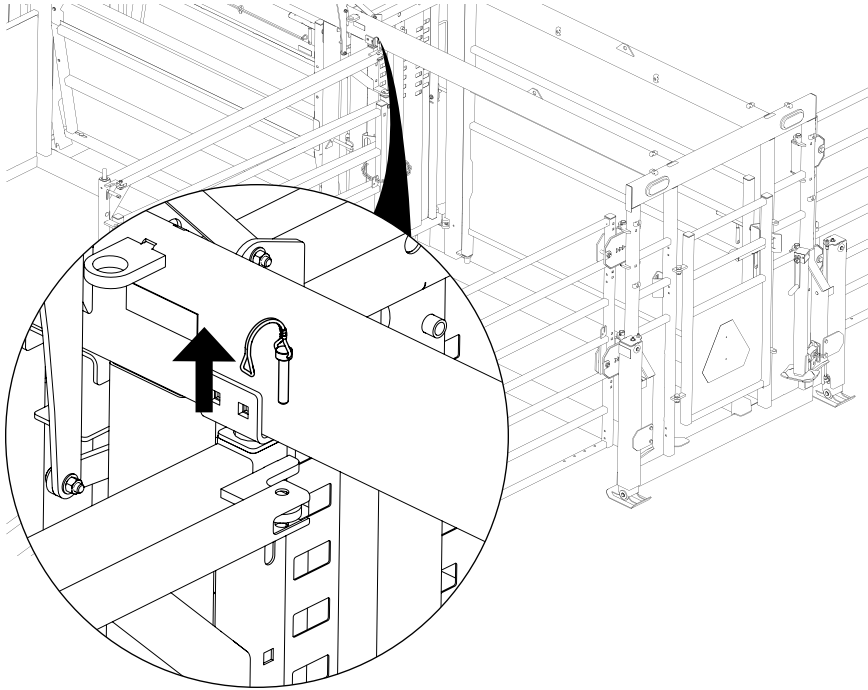
- 1** Start at the back of the unit where your bud box is located.
- 2** Pull down the spring-loaded pin at the top of the bud box frame to release it from the main frame of the unit.



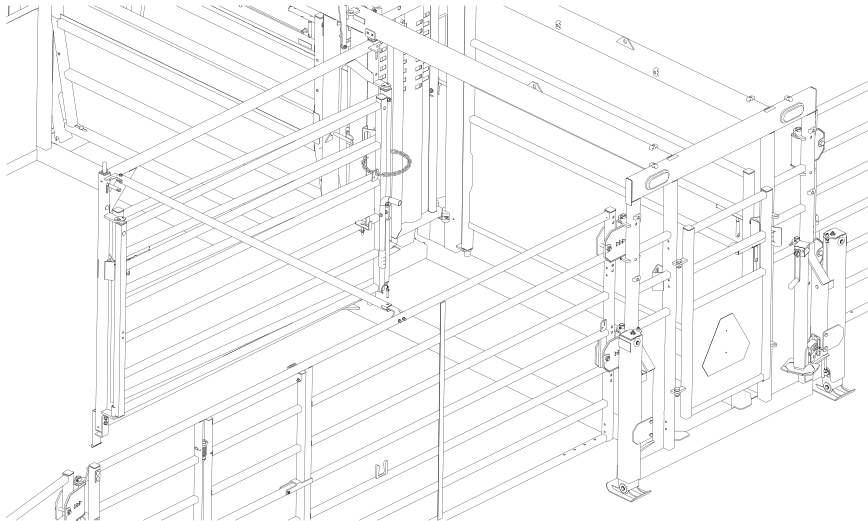
- 3** Swing the bud box out, about 90-degrees from the main frame.



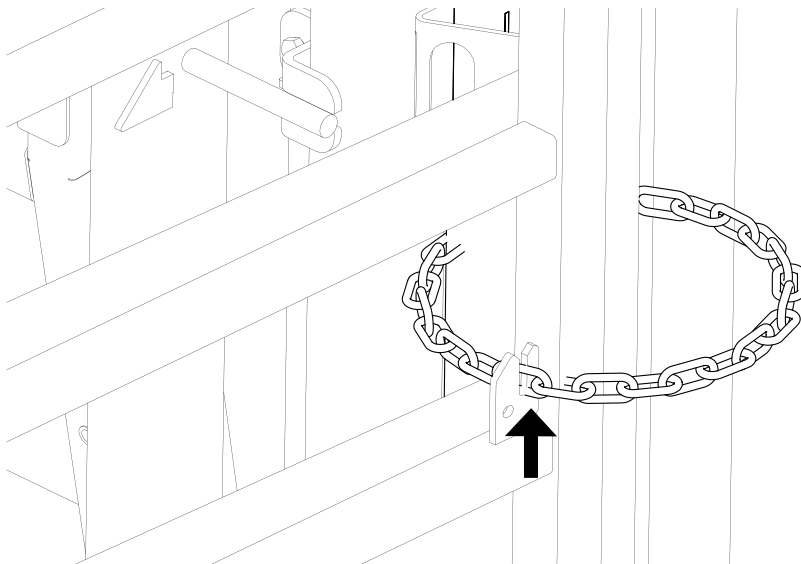
- 4** Remove the pin located on the bud box connector bar to release it from the bud box frame.



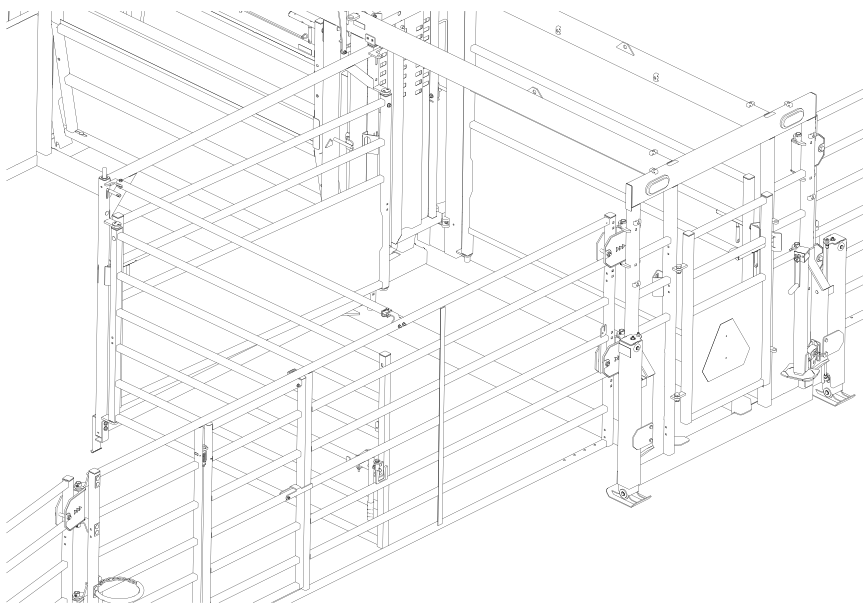
- 5** Swing the connector bar out from the bud box frame, about 90-degrees and secure the connector bar by pinning it to the bracket located on the exterior corral panel.



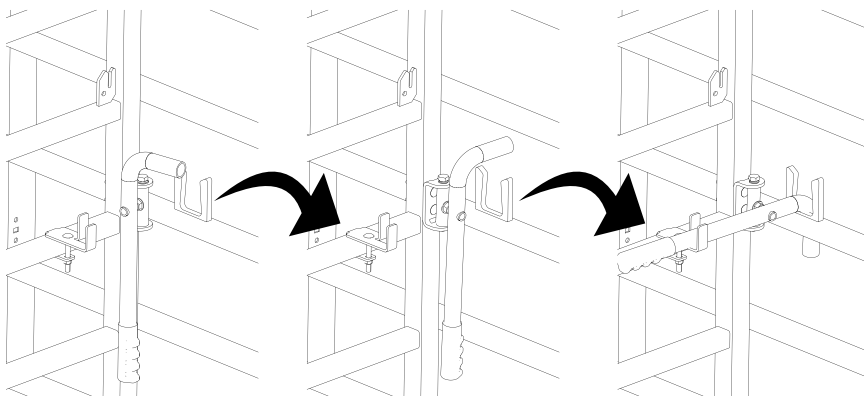
- 6** Unhook the bud box gate chain to release it from the bud box frame.



- 7** Swing the gate into place, directly under the connector bar.



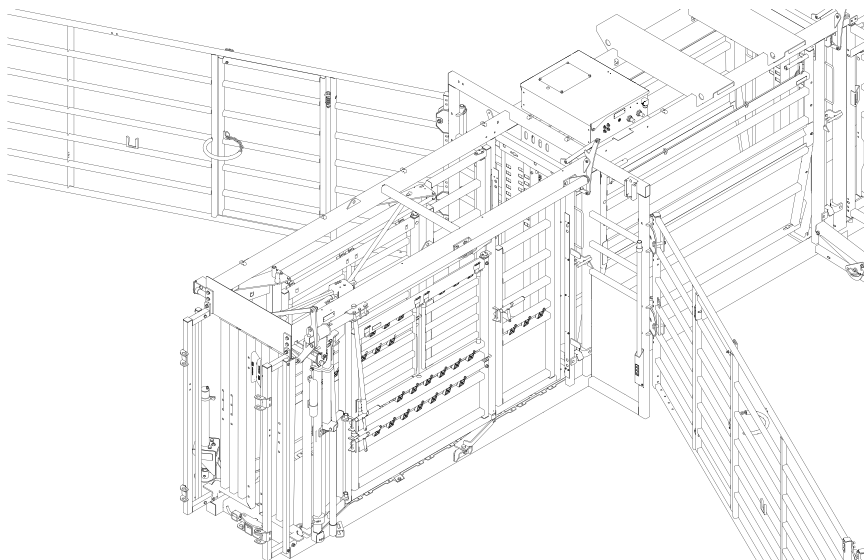
- 8** To secure the gate in place, lift the yellow gate handle and insert it between the brackets located on the exterior corral panel and the bracket on the gate. For added security, secure the gate to the exterior corral panel using the attached gate chain.



READY FOR USE

FOR USE IN CONJUNCTION WITH OTHER CATTLE HANDLING EQUIPMENT (PANELS, LOADING CHUTE, ETC.):

It is strongly recommended to use a Lug Post Kit when adding panels or additional equipment such as a loading chute to the front of the Heeler 75C. To order a Lug Post Kit or additional equipment, please contact Arrowquip at 1-866-383-7827 or by email at sales@arrowquip.com.

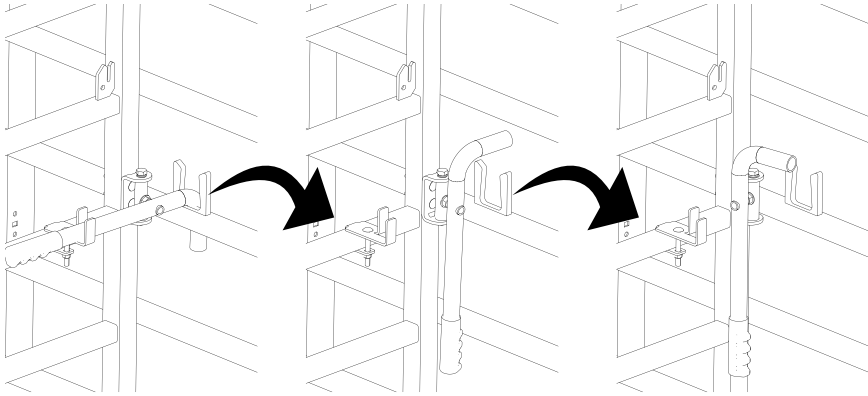


FOR USE IN CONJUNCTION WITH OTHER CATTLE EQUIPMENT | 17

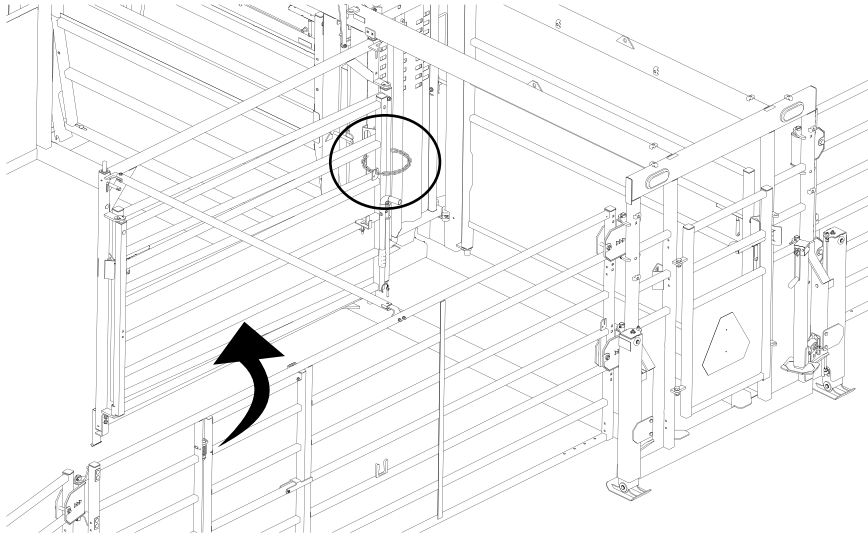
PREPARING THE PORTABLE CORRAL FOR TRANSPORT

COLLAPSING THE BUD BOX

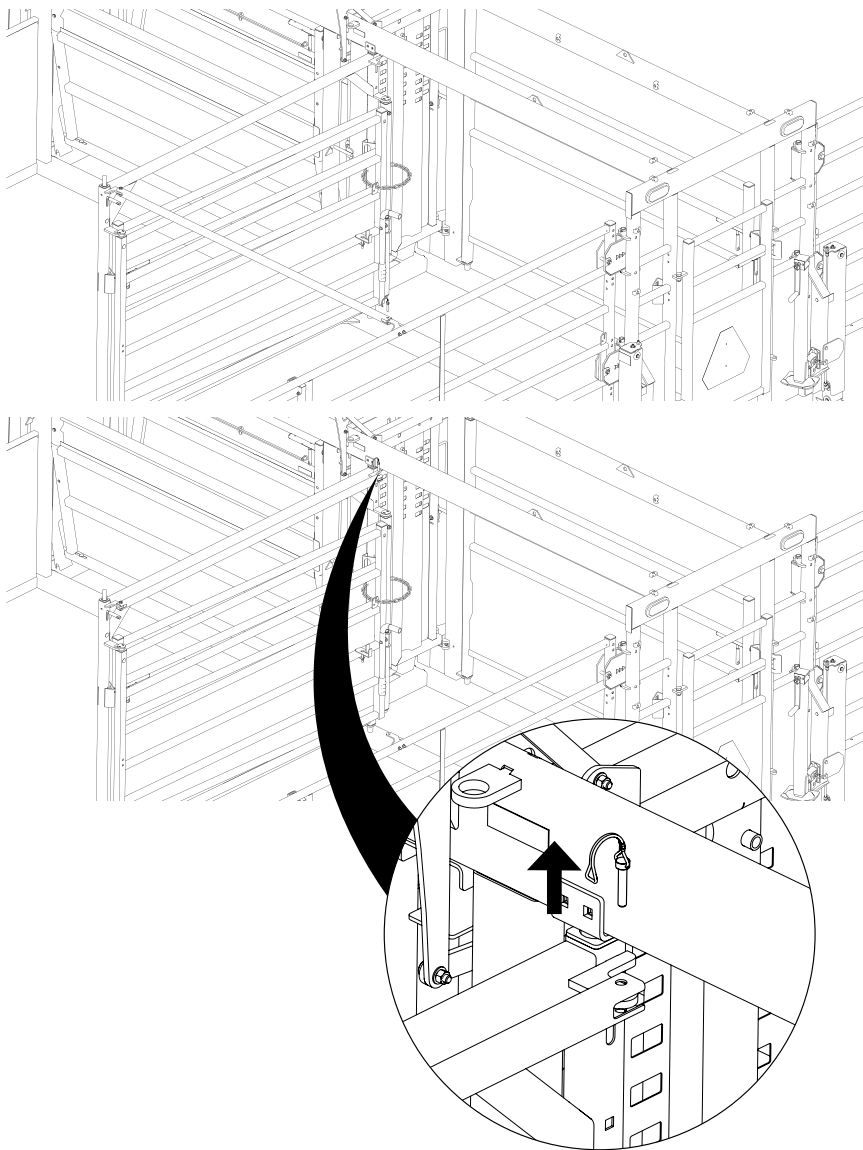
- 1** Unhook the gate chain from the exterior panel.
- 2** Lift the yellow gate handle to release it from the bracket on the gate and the brackets on the exterior corral panel.



- 3** Swing the gate back into the bud box frame and secure with the gate chain.

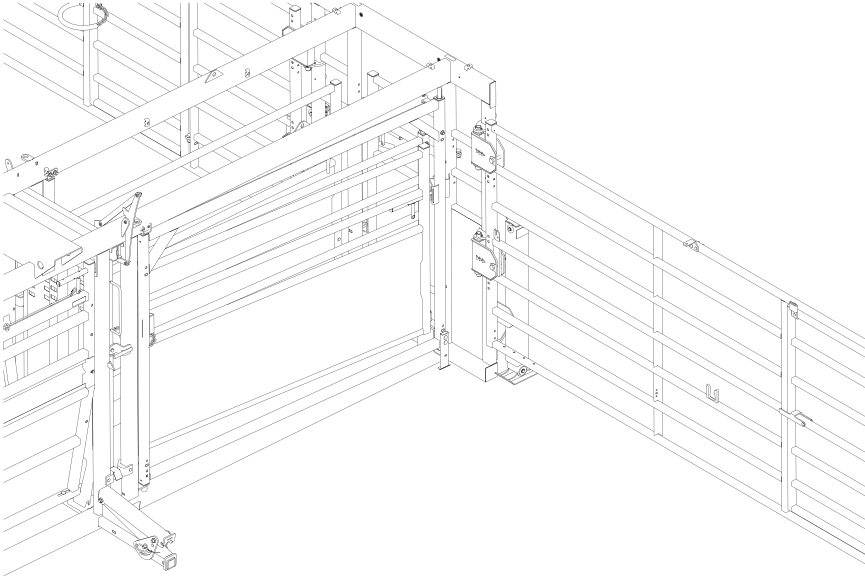


- 4** Unpin the connector bar from the bracket located on the exterior corral panel.

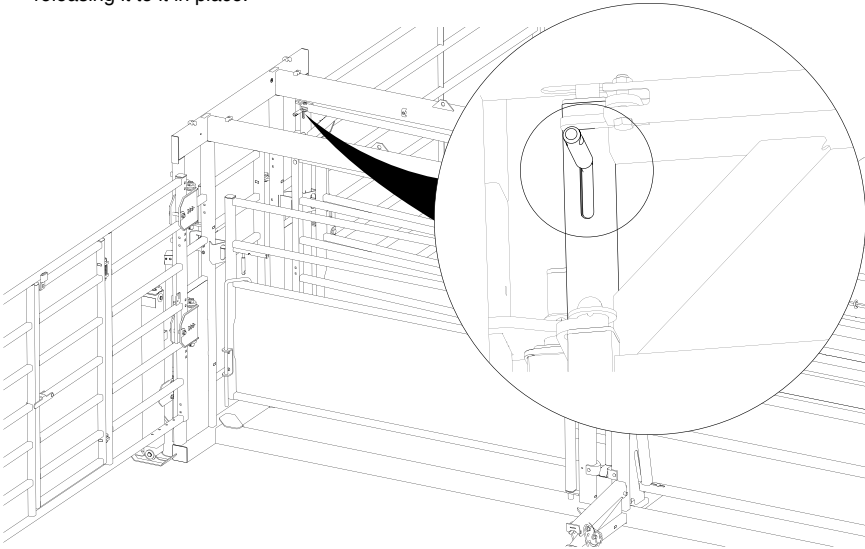


5 Swing the connector bar back into the bud box frame and secure with the pin.

6 Swing the entire bud box frame back into the main frame of the unit.

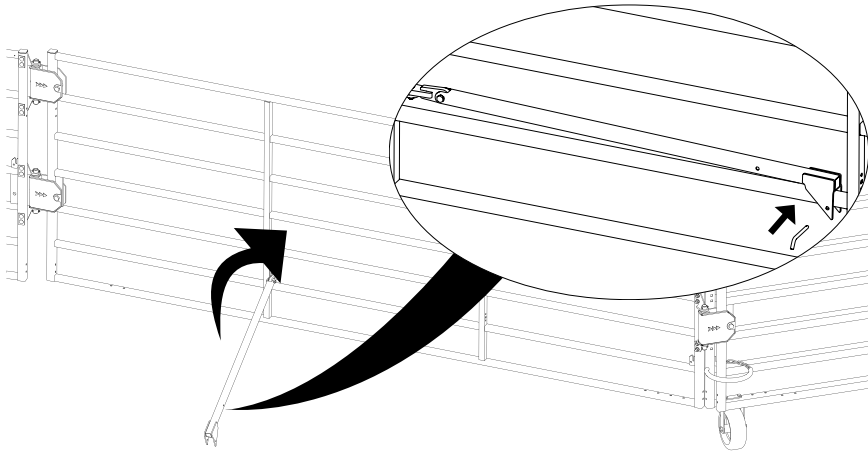


7 Secure in place by pulling down the spring-loaded pin at the top of the bud box frame and releasing it to it in place.



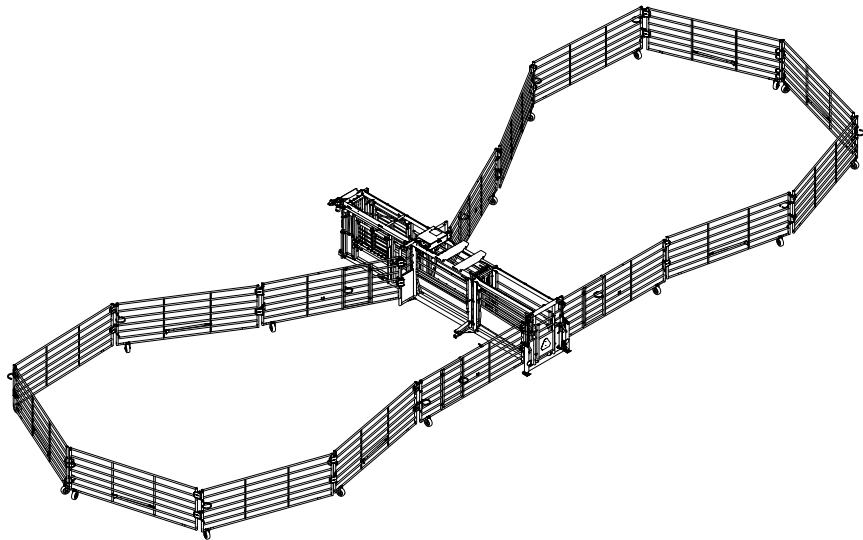
COLLAPSING THE CORRAL

- 1** Fold each of the eight anchor bars back into the corral panel it is attached to and pin it in place.

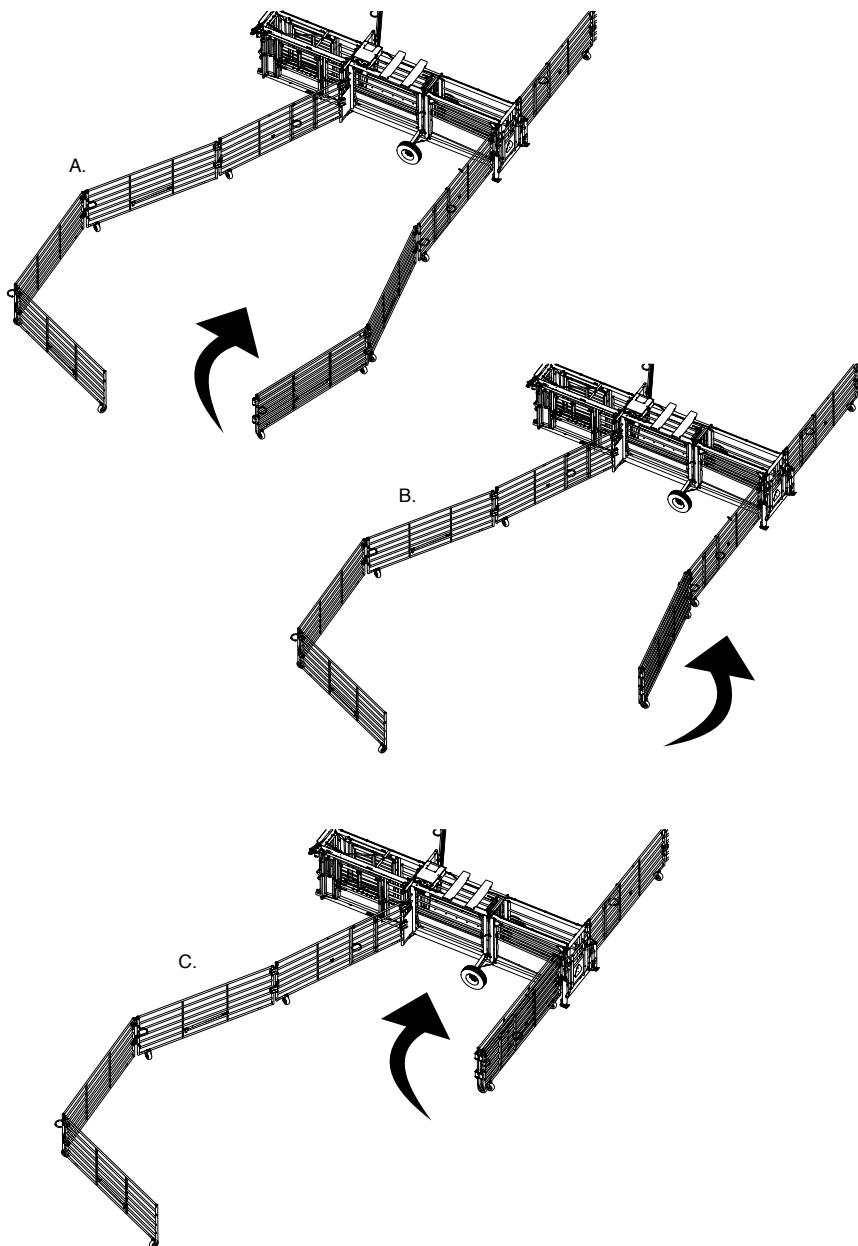


- 2** Disconnect the chains on the outer corral panels.

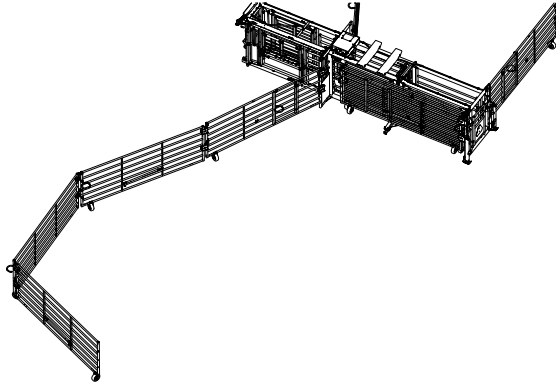
- 3** Start on one side of the Heeler 75C with the rear set of corral panels.



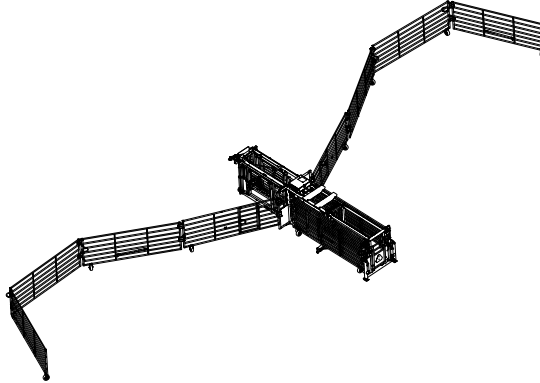
- 4** If all panels are unfolded, fold the fourth, third and second corral panels into the first corral panel, alternating the direction you fold each panel. Please refer to the images below.



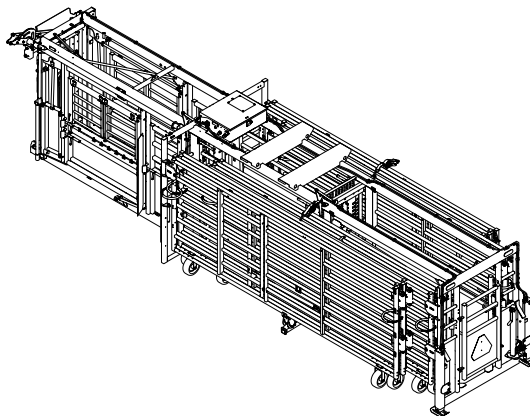
- 5** Swing the set of four corral panels into the main frame.



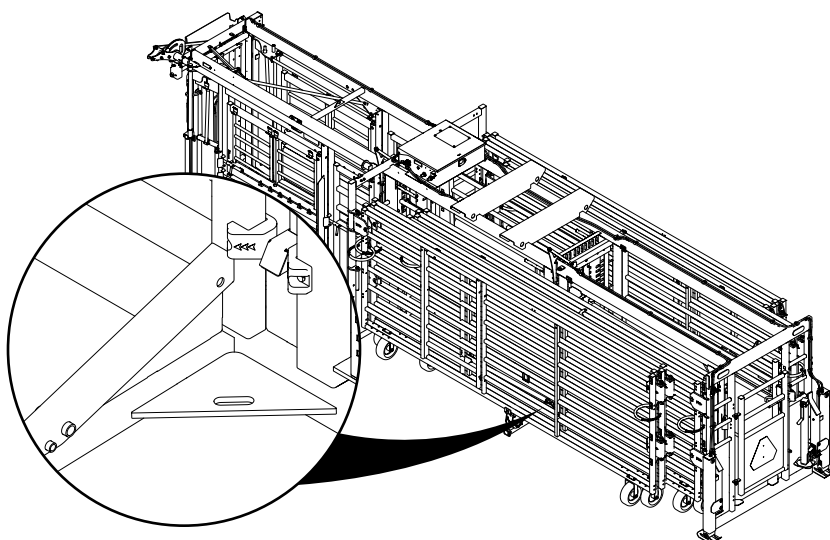
- 6** Repeat steps 4-5 for the other rear corral panel set.



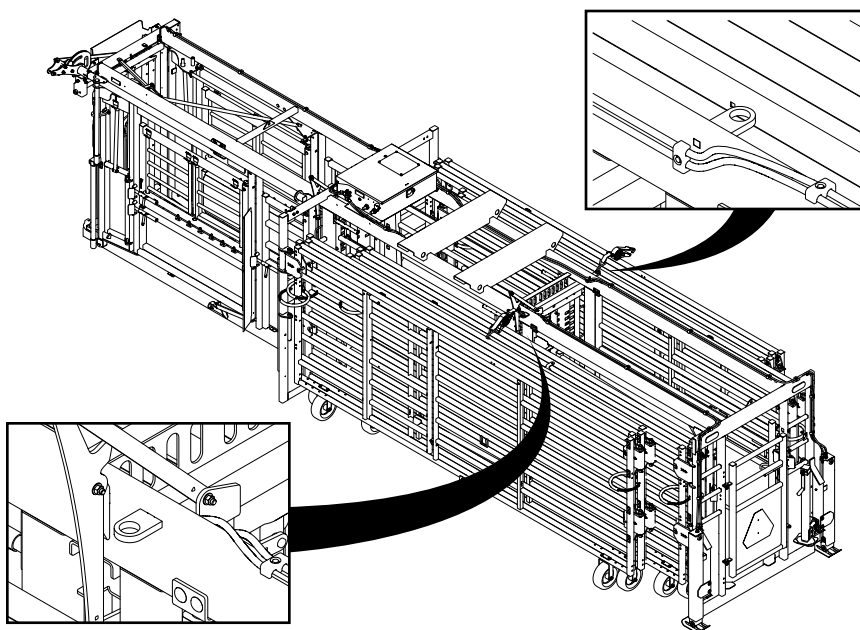
- 7** Repeat steps 4-5 for the front corral panel sets until the unit is completely folded.



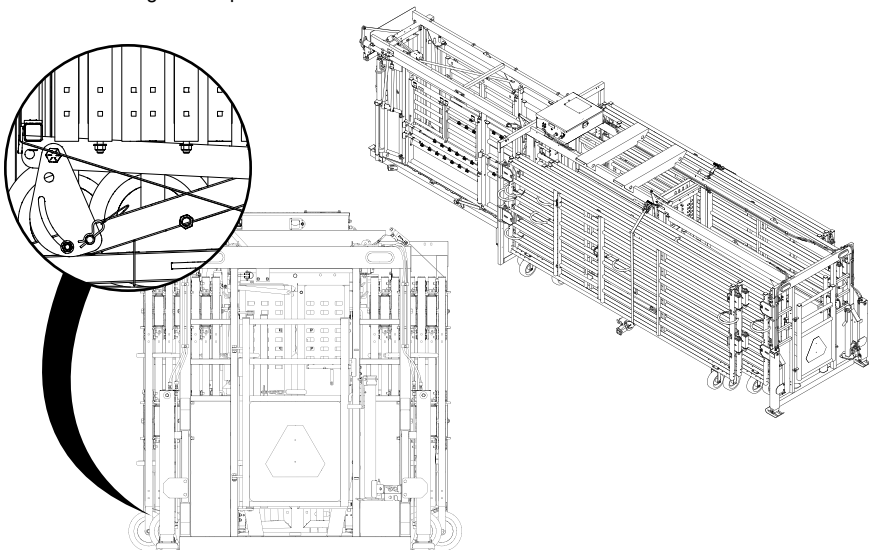
- 8** Starting on one side of the unit, hook one end of a ratchet strap into the bracket next to the panel shelf.



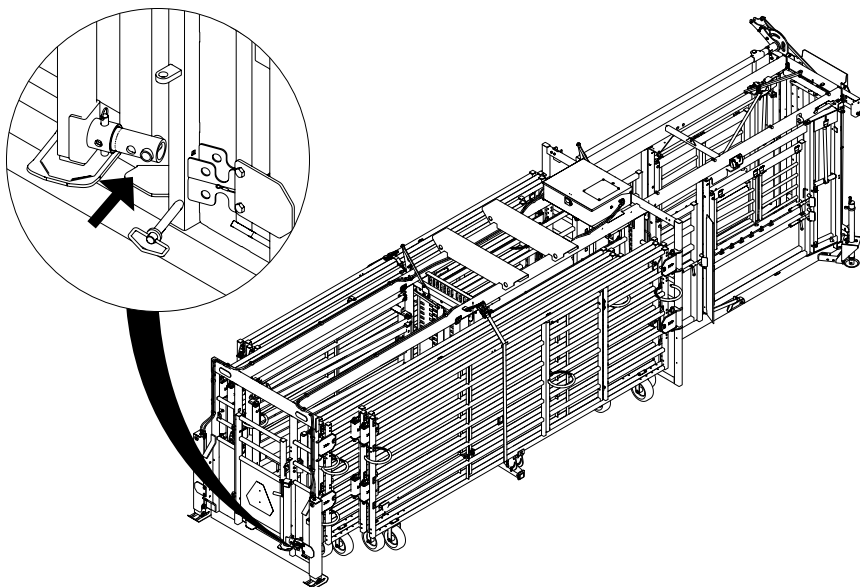
- 9** Hook the other end of the ratchet strap to the bracket located on the main frame of the unit.



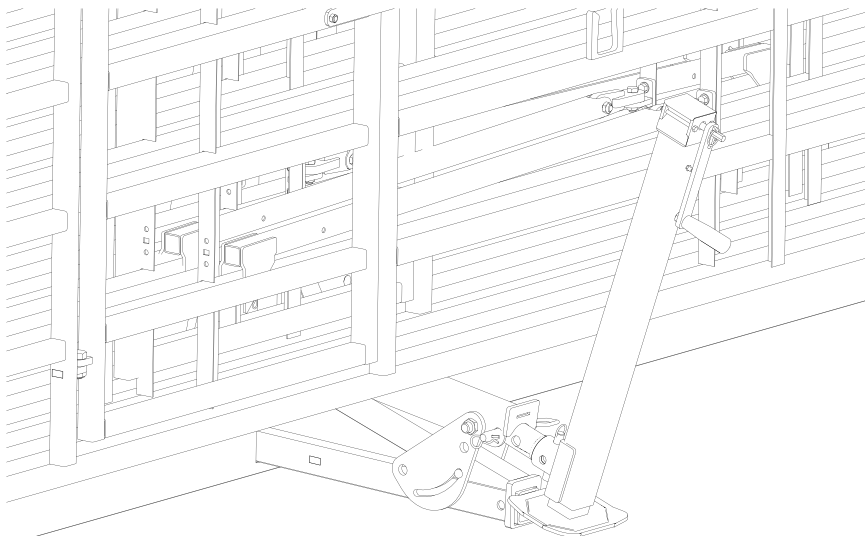
- 10** Tighten the ratchet strap to secure the corral panels tight to the unit, until they are inside of the outer edge of the panel shelf.



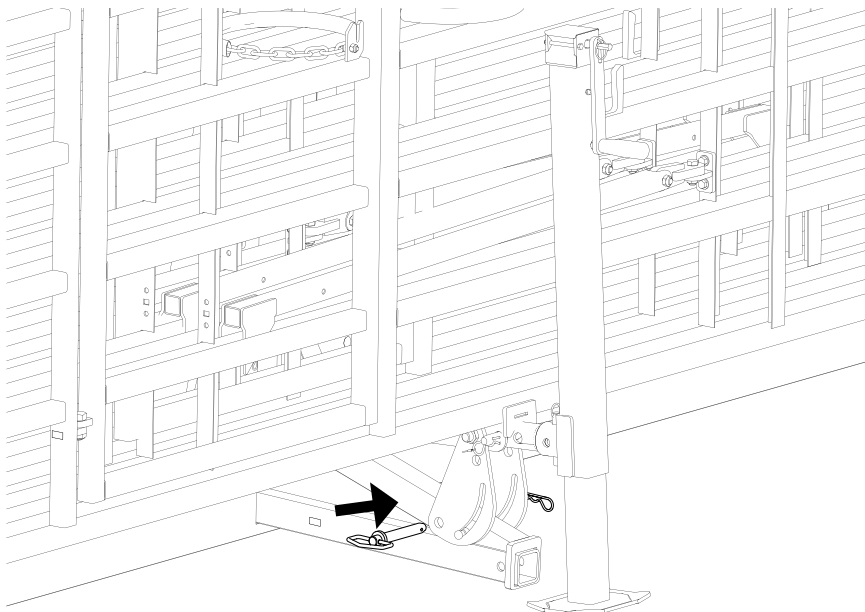
- 11** Remove manual jack and adapter and pin and R clip from the back of the unit.



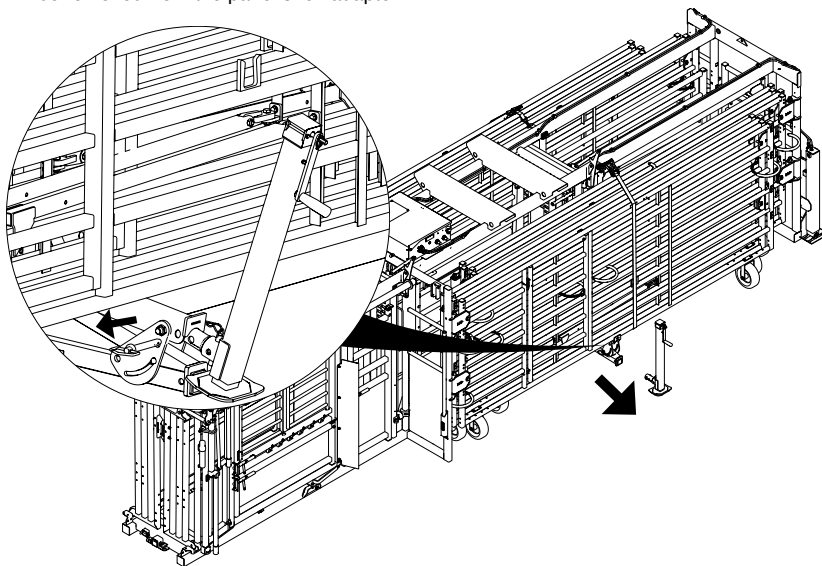
- 12** Starting on one side of the unit, insert the adapter and manual jack into the panel shelf adapter and secure with pin and R clip.



- 13** Crank the jack handle to extend the jack, lifting the panel shelf, until the panel shelf pin and R clip can be reinstalled.



- 14** Crank the jack handle to retract the jack until the jack and adapter and pin and R clip can be removed from the panel shelf adapter.



- 15** Repeat **STEPS 12 TO 14** on the other side of the unit.

- 16** Reinstall the manual jack and adapter and pin and R clip at the back of the unit.



**ENSURE ALL STRAPS, PINS, AND SUPPORTS
ARE PROPERLY PLACED AND SECURED BEFORE
ATTACHING THE HEELER 75C TO YOUR VEHICLE
FOR TOWING.**

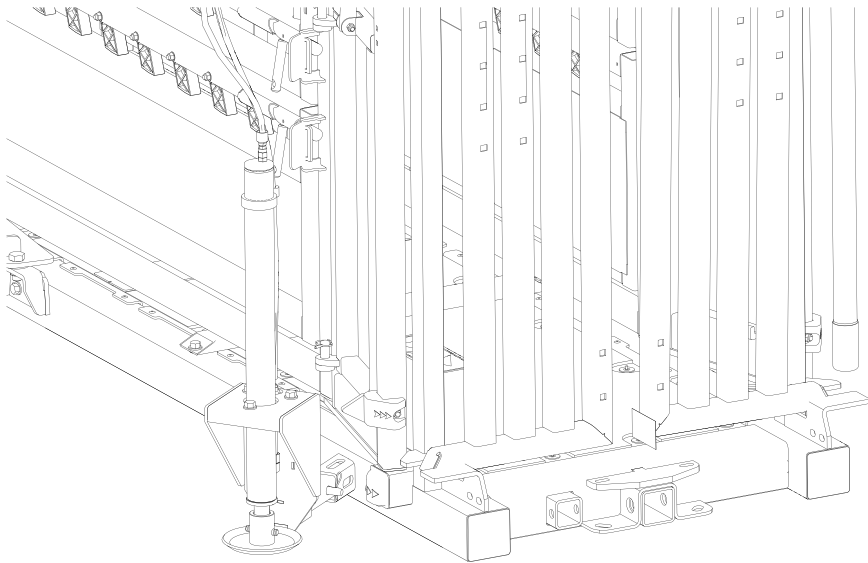
ATTACHING THE PORTABLE CORRAL TO YOUR VEHICLE

- 1** Extend rear jacks using the R DOWN button until the Heeler 75C frame is raised high enough to install tires.
- 2** Install tires.
- 3** Retract rear jacks using the R UP button until both jacks are fully retracted.

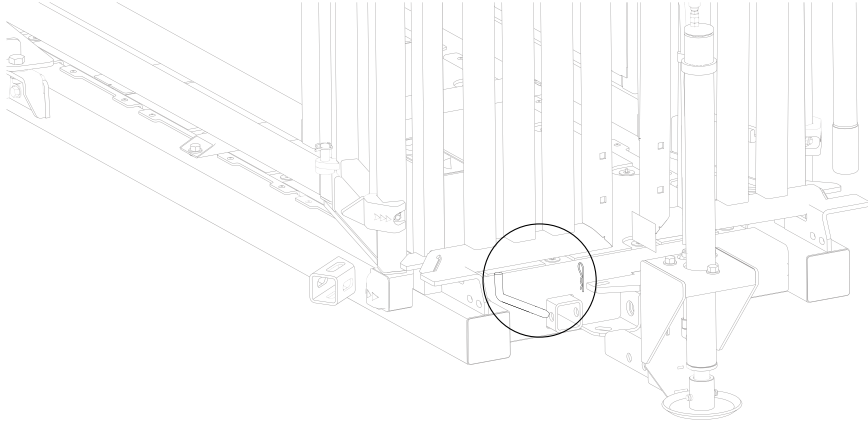


**BOTH REAR JACKS MUST BE COMPLETELY
RETRACTED BEFORE PROCEEDING.**

- 4** Remove the front jack, pin and R clip from the storage bracket located at the front of the unit.

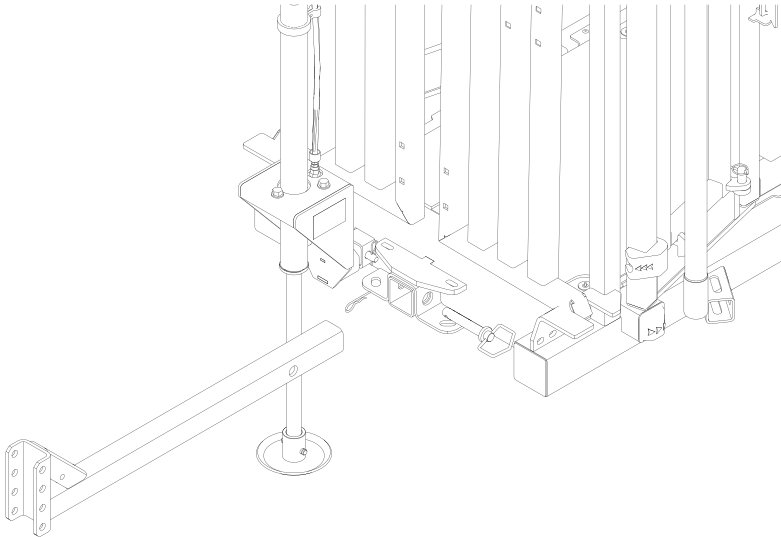


- 5** Insert jack into the receiver at the front of the unit and secure with pin and R clip.



- 6** Extend the front jack to raise the front end of the unit using the F DOWN button until it is raised high enough to re-hitch to the vehicle.

- 7** Reinstall the hitch.



8 Re-hitch the vehicle to the unit and secure with pin and R clip.

9 Reconnect the trailer wiring harness to the vehicle.

10 Ensure safety chains are hooked securely in place.

11 Retract front jack using the UP button until the jack is fully retracted.



ENSURE ALL SAFETY CHAINS, STRAPS, HITCH PIN, AND SUPPORTS ARE PROPERLY PLACED BEFORE TOWING.



WARNING: CORRAL PANELS MUST BE PROPERLY SECURED WITH RATCHET STRAPS BEFORE TOWING.

ARROWLOCK 75 SERIES CATTLE CHUTE

this section contains:

- Operating the Arrowlock 75 Series
- Assembling the Arrowlock Head Gate
- Head Gate & Squeeze Conversion
- Arrowlock 75 Series Add-Ons

OPERATING THE ARROWLOCK CATTLE CHUTE



ENSURE ALL CHUTE FUNCTIONS AND ADD-ONS ARE WORKING PROPERLY BEFORE OPERATING.

1. Ensure the head gate and all access points are closed before the animal enters the chute.
2. Open the tail gate for the animal to enter the squeeze chute enclosure.
3. Close tail gate.
4. Open head gate slightly more than the neck size of the animal to tempt the animal to stick its head through. When the neck of the animal is in the correct position, quickly close the head gate securely on the animal's neck.
5. If required, side squeeze animal and engage head restraint to restrain further movement.
6. If the animal applies excessive pulling pressure on the head gate, it is recommended to use the anti-backing bar behind cattle rump.

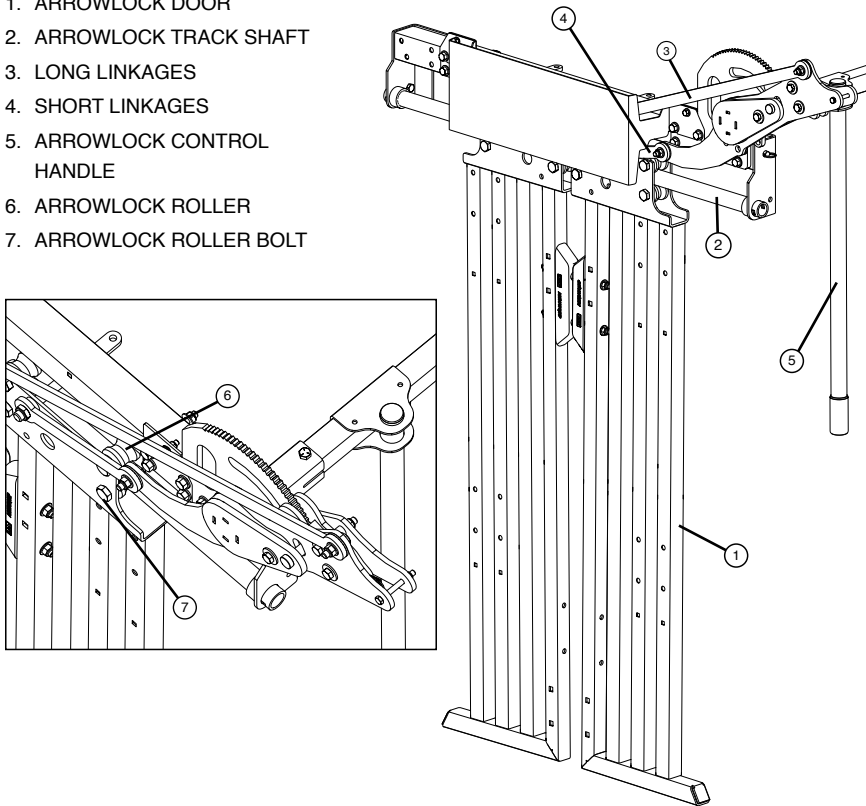
3E ARROWLOCK HEAD GATE ASSEMBLY



ENSURE ALL CHUTE FUNCTIONS AND ADD-ONS ARE WORKING PROPERLY BEFORE OPERATING.

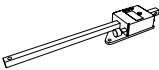
Your chute will come with the head gate fully assembled and ready for use. However, if you need to disassemble your head gate for any reason, the following guide will help you properly reassemble your chute.

1. ARROWLOCK DOOR
2. ARROWLOCK TRACK SHAFT
3. LONG LINKAGES
4. SHORT LINKAGES
5. ARROWLOCK CONTROL HANDLE
6. ARROWLOCK ROLLER
7. ARROWLOCK ROLLER BOLT



HEAD GATE & SQUEEZE CONVERSION

Arrowquip Squeeze Chutes can be ordered based on your preferred operating side. In the rare event you would need to operate the head gate and squeeze on the opposite side, please contact your local dealer for additional parts and follow these instructions.

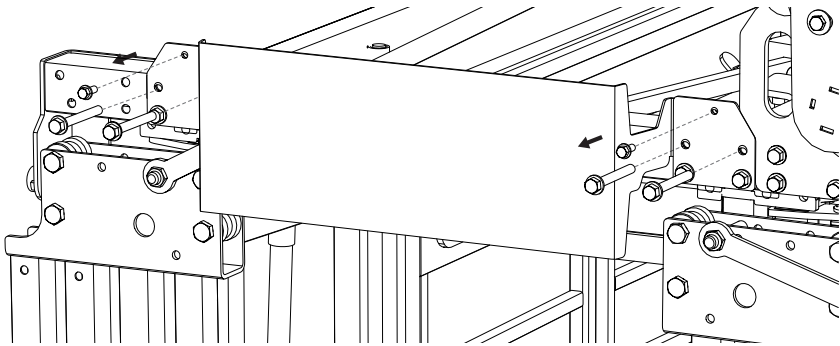
Products	Left-Hand Product Code	Right-Hand Product Code
Squeeze Tridangle 	2025571	2026420
Squeeze Lockbox 	2025123	2026246
Arrowlock Drive Assembly 	2024930	2026335

TOOLS REQUIRED:

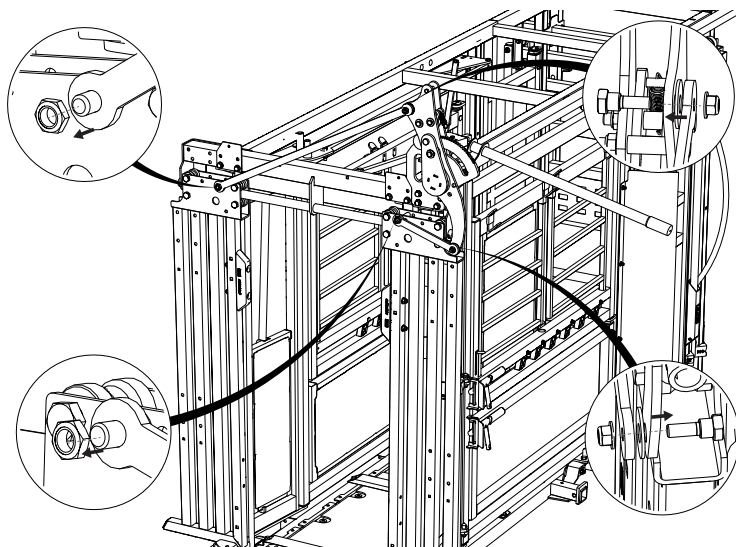
- 2 people
- 2 x 9/16" wrench
- 1-1/16" Wrench
- Pliers
- 13/16" wrench
- Ratchet Pawl Assembly
- 2 x 3/4" wrench

INSTALLATION:

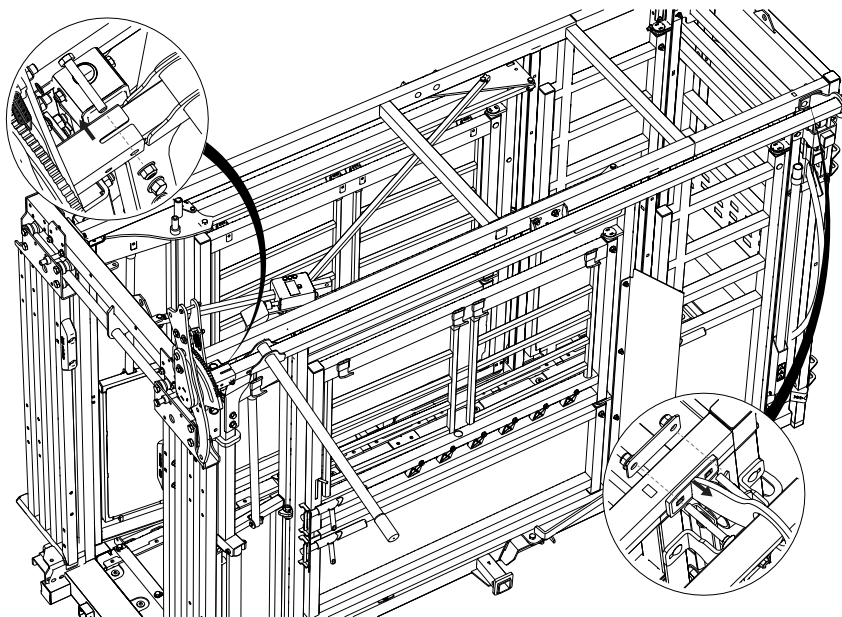
- 1** Remove shield.



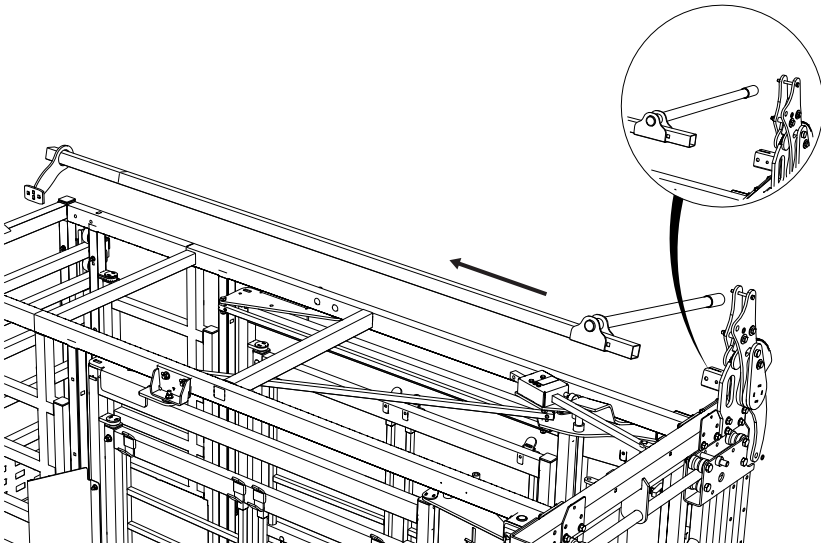
2 Remove linkages.



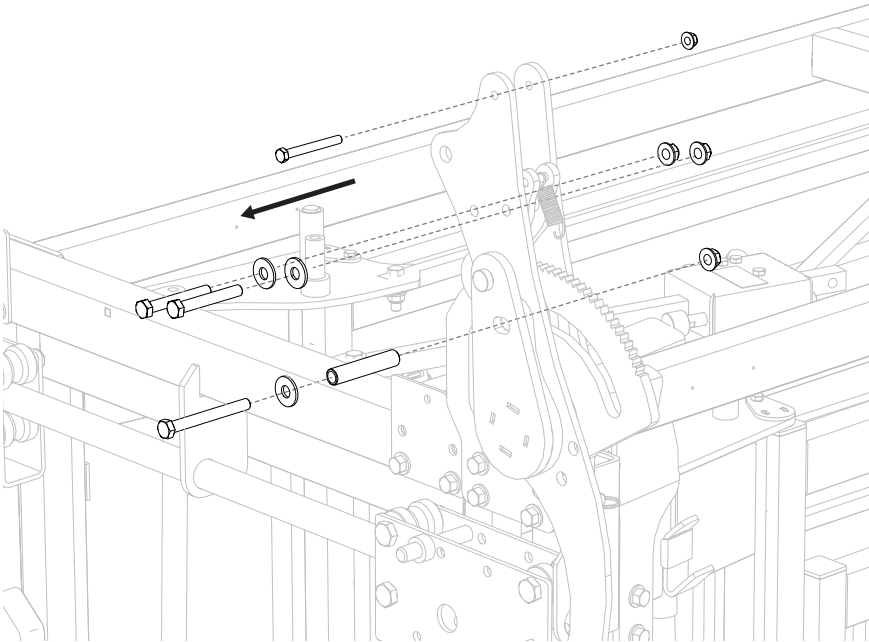
3 Remove locking bolt at the front of control tube and unbolt rear control bracket.



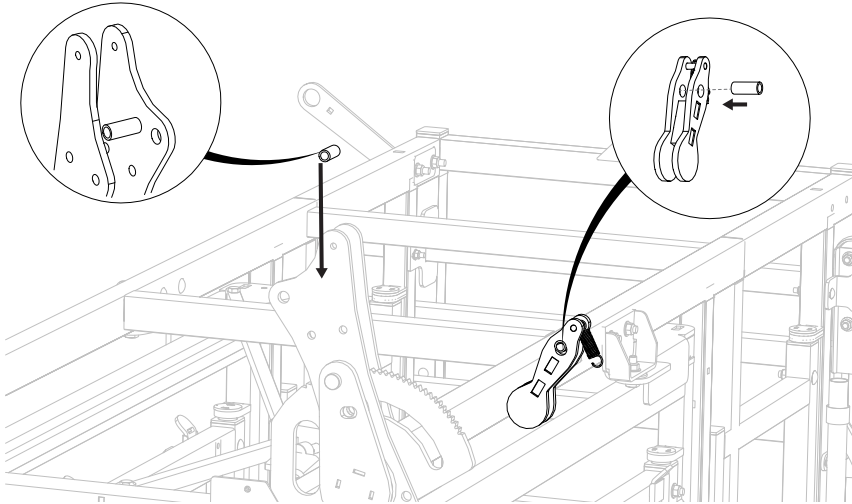
- 4** Remove control tube assembly and rear bracket.



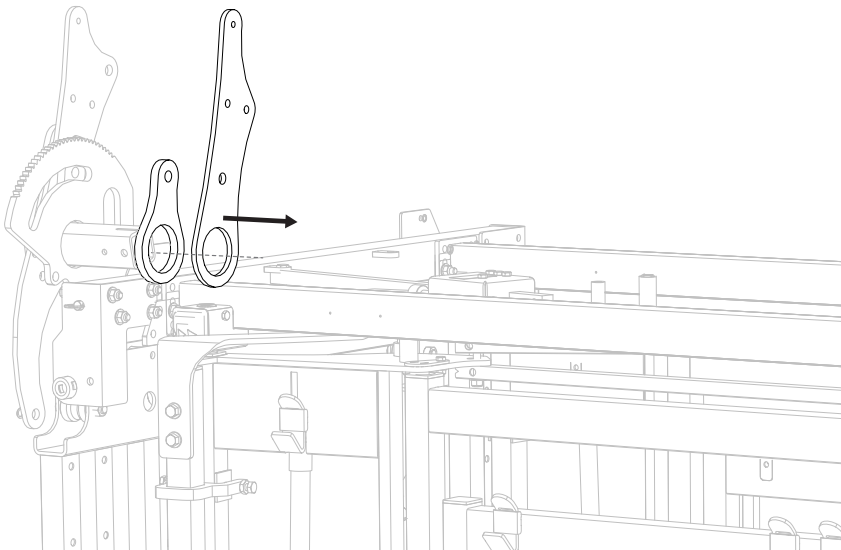
- 5** Remove bolts from ratchet plate.



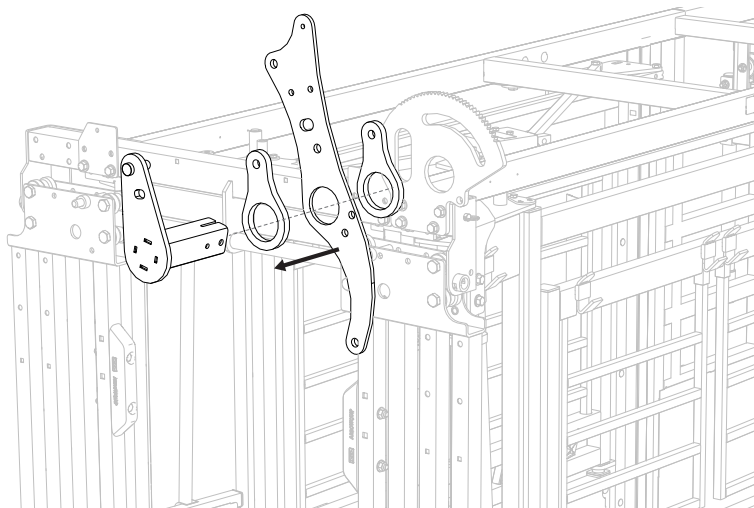
6 Remove Pawl and spring.



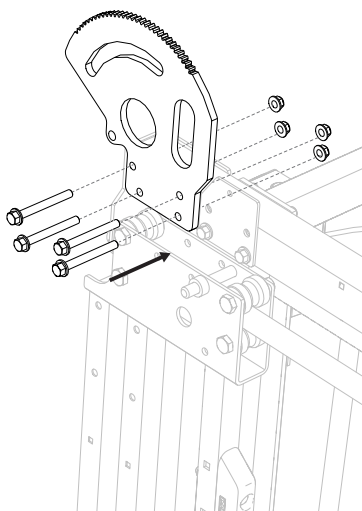
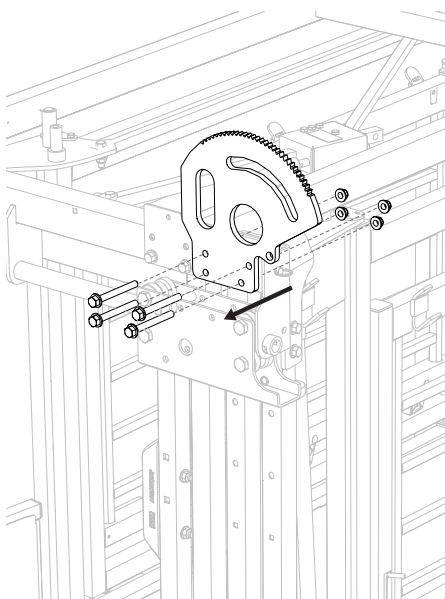
7 Remove lock hammer top (2024756) and spacer from rear side of ratchet plate.



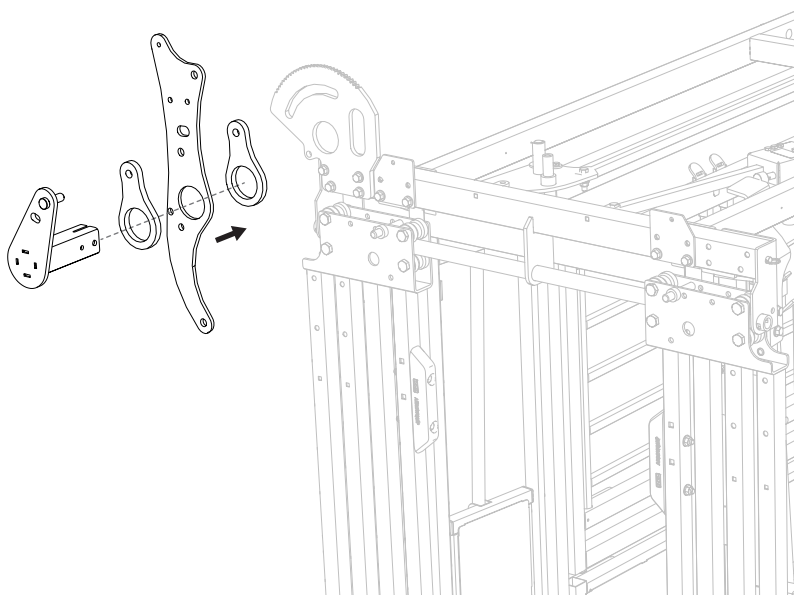
- 8** Remove ratchet pawl with the plastic spacers and ratchet hammer.



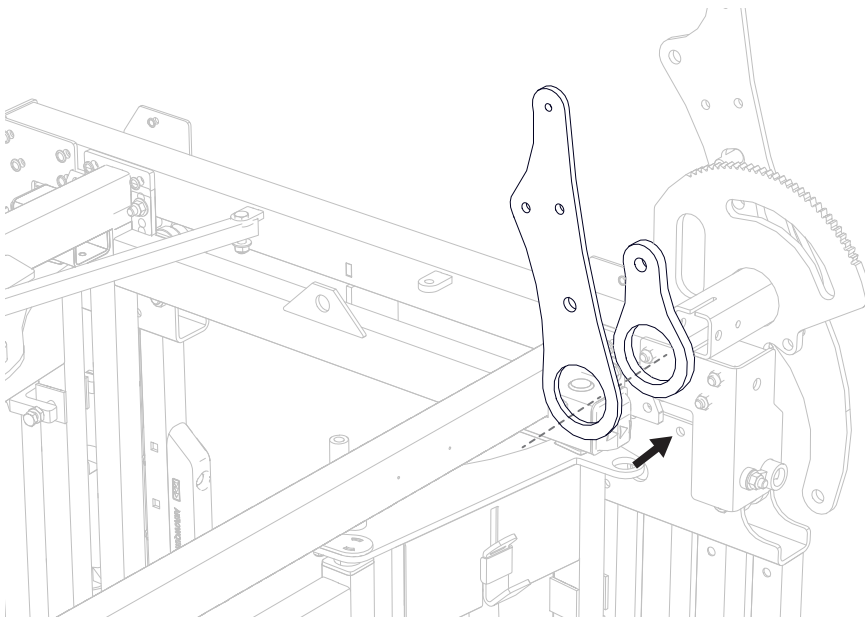
- 9** Remove ratchet plate and install on opposite side.



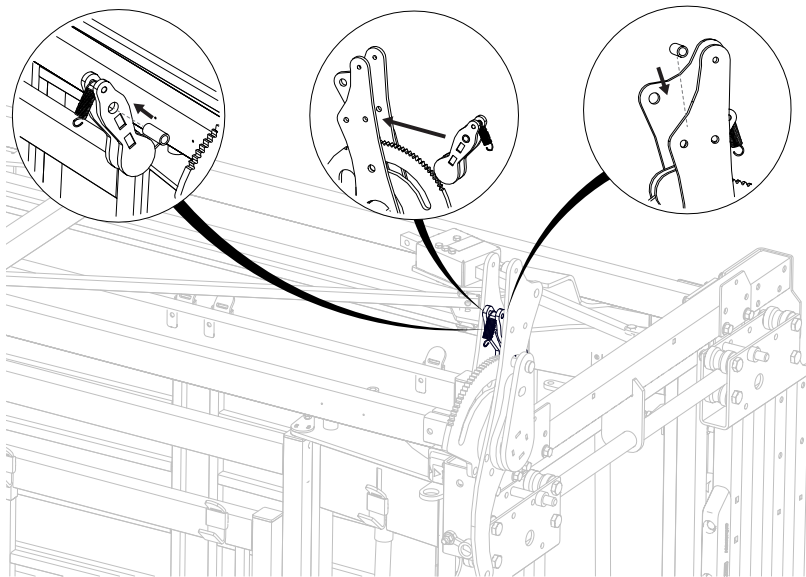
10 Install RH Ratchet Drive/Release WA, spacers and hammer.



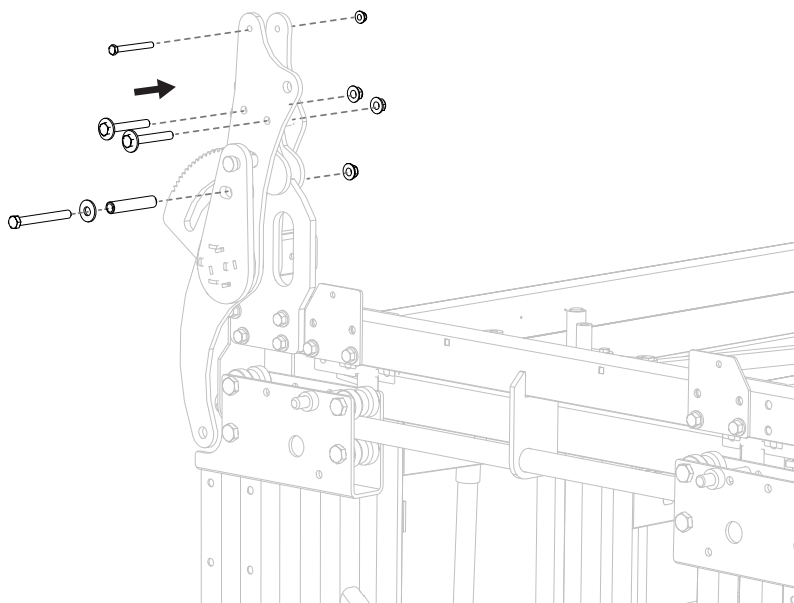
11 Install spacer and lock hammer top (2024756).



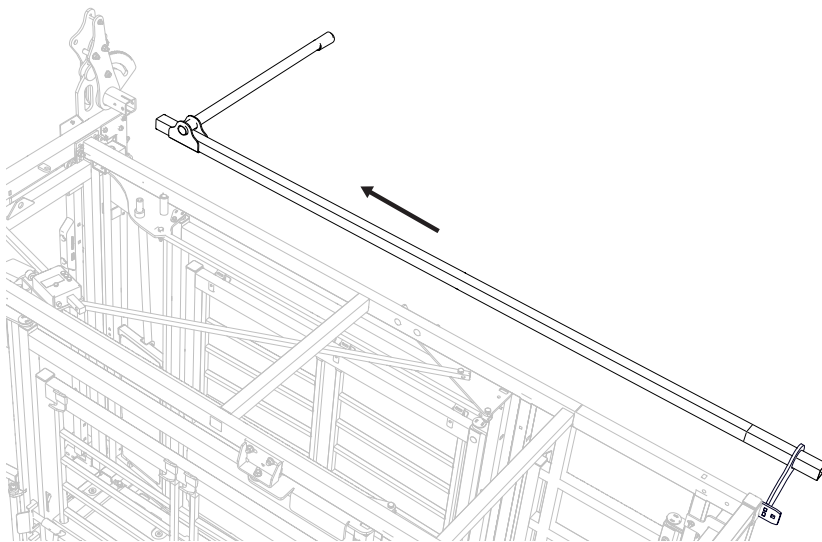
12 Install pawl and spring with 2X bolts.



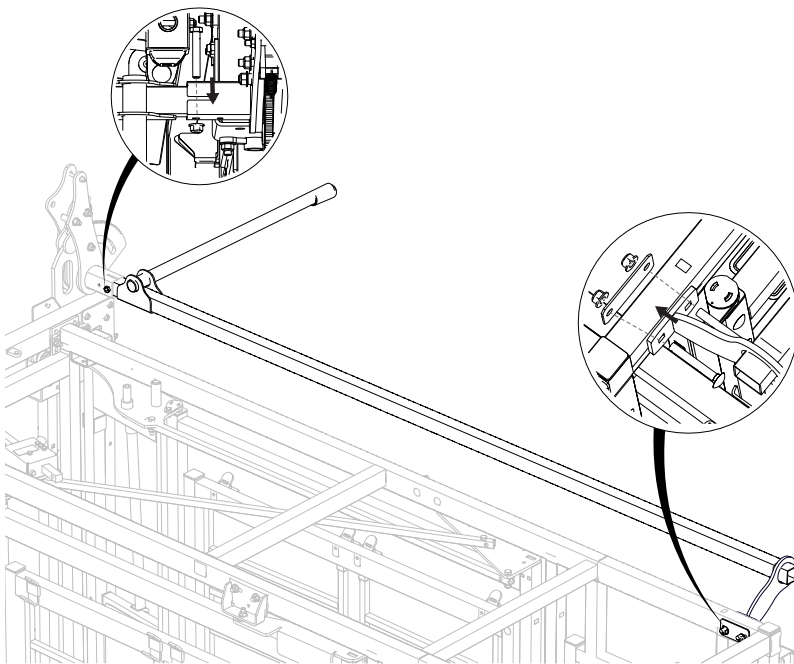
13 Install remaining 2X Arrowlock bolts.



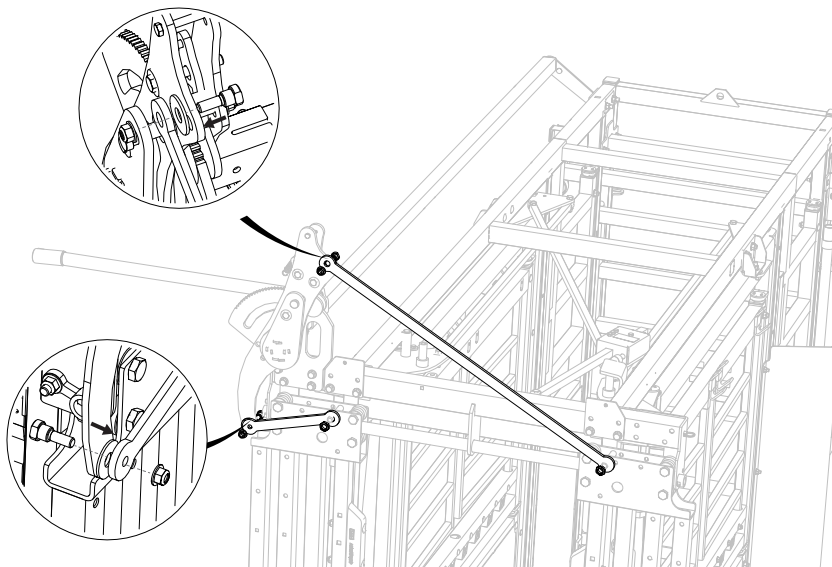
14 Install control tube and handle.



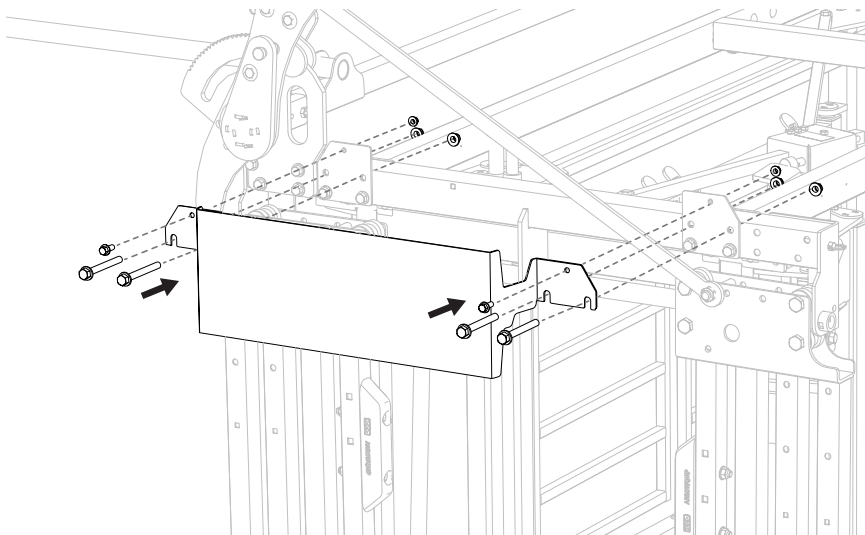
15 Install rear control tube pin and fasten front control tube. Note bolt should crush down sleeve until sleeve clamps control tube top and bottom.



16 Install linkages.

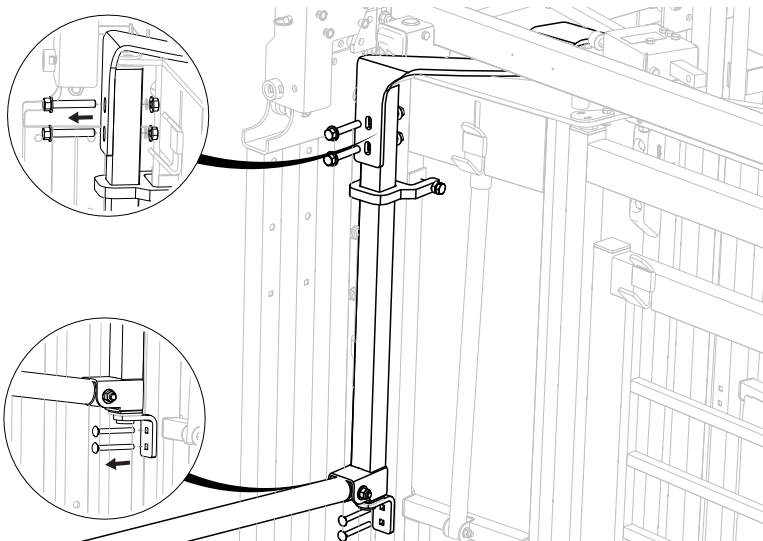


17 Install Name Shield.

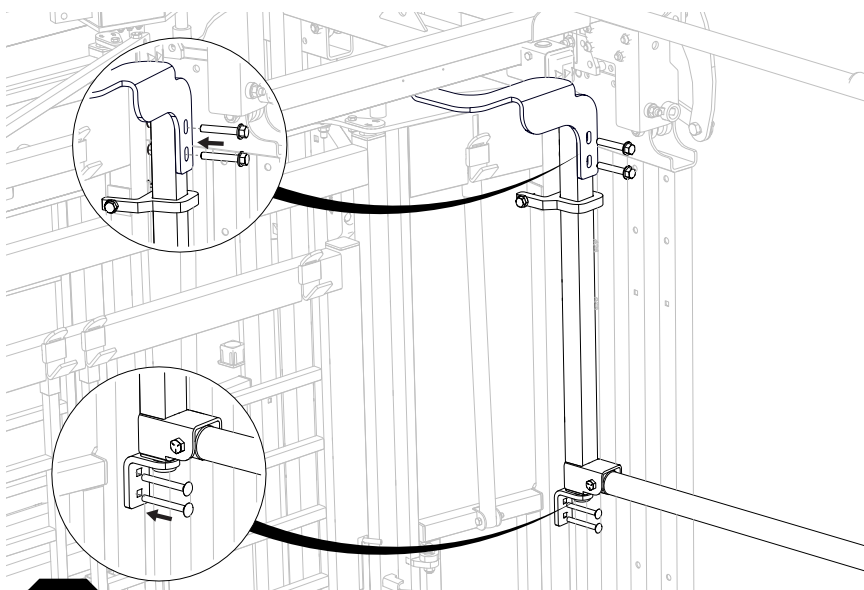


SQUEEZE THE CHUTE TO REMOVE TRIDANGLE.

- 18** Remove the Left hand Tridangle and squeeze bracket.

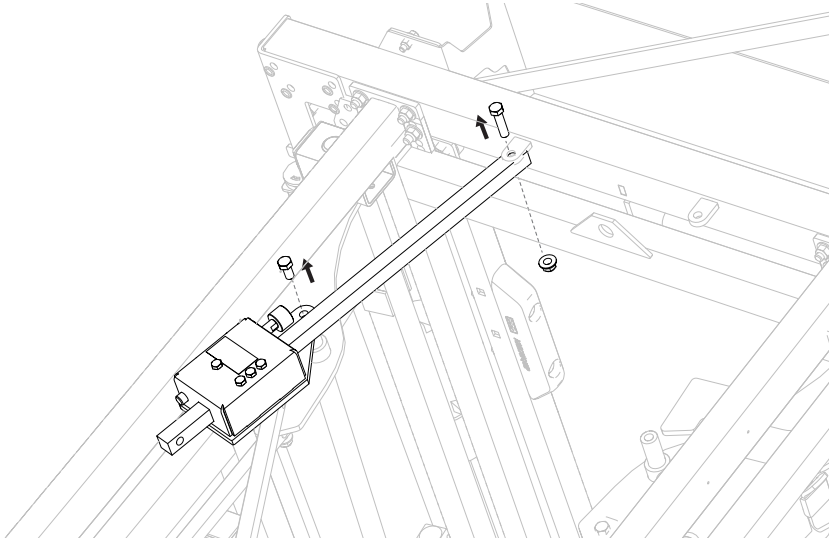


- 19** Install the squeeze bracket and Right-hand Tridangle on the opposite side.

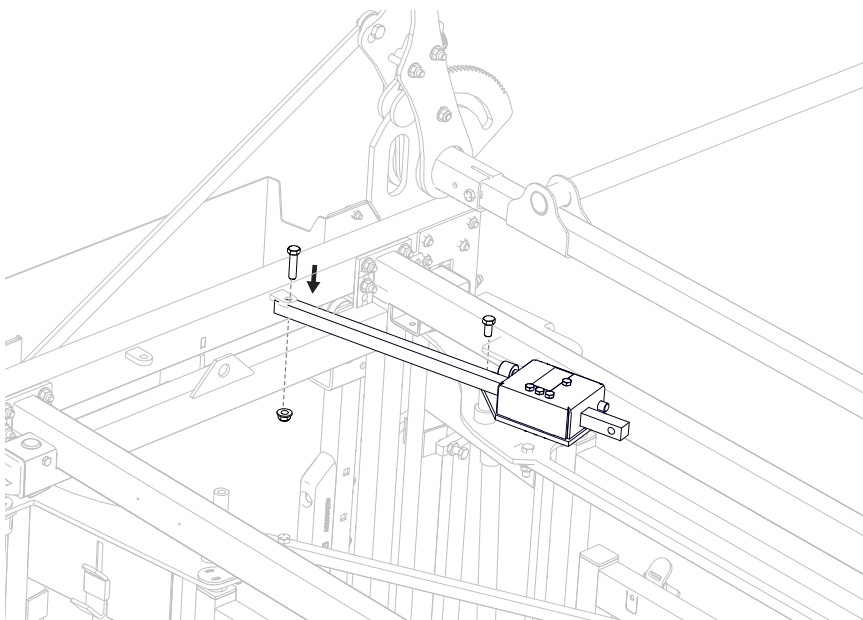


DO NOT TIGHTEN BOLTS UNTIL STEP 25.

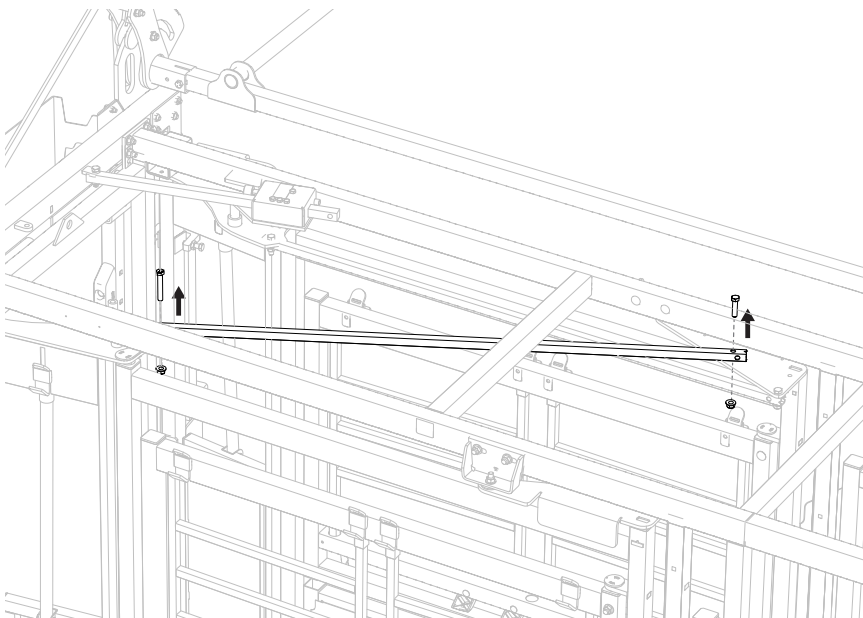
20 Unmount the Left hand squeeze lockbox. Set aside.



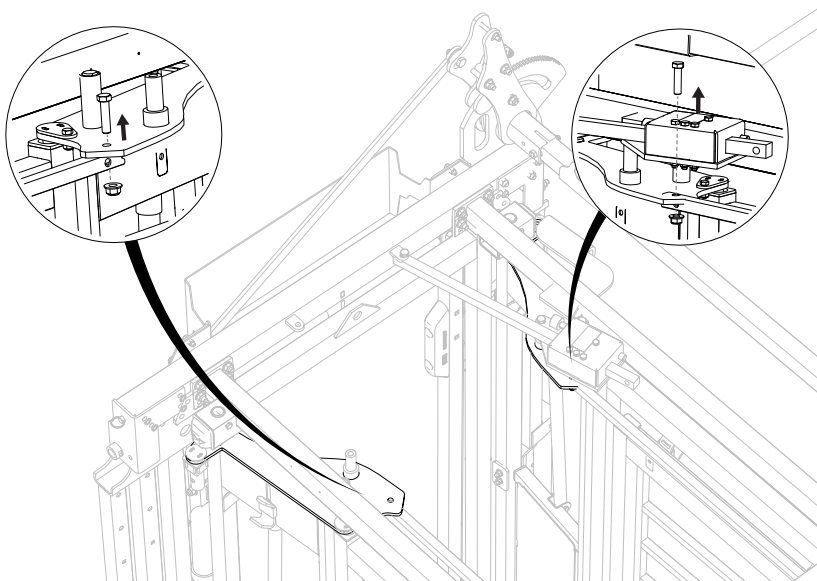
21 Mount the Right-hand squeeze lockbox.



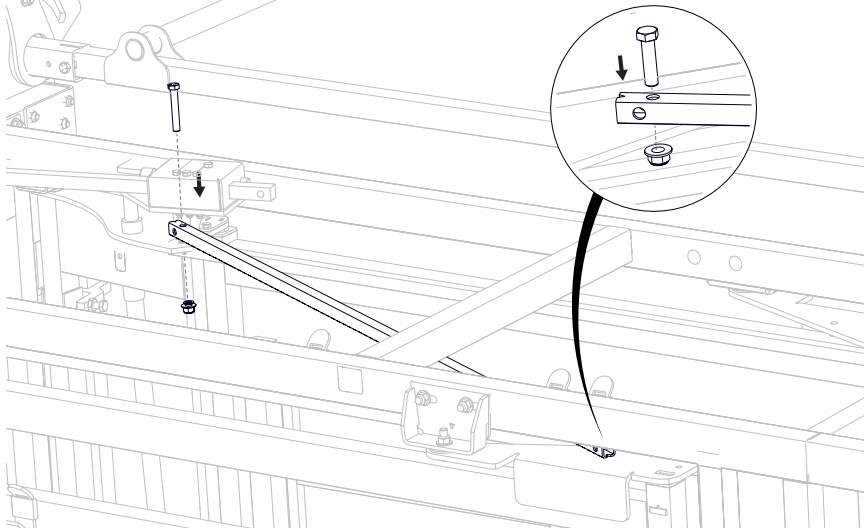
22 Detach the middle tie rod.



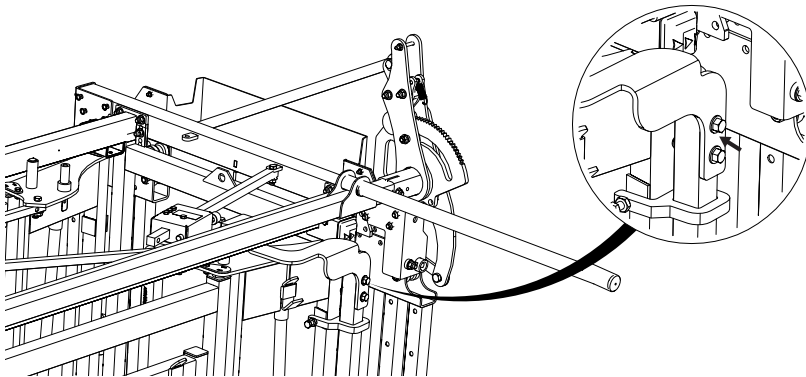
23 Swap the bolts as shown.



24 Attach the middle tie rod as shown.



25 Secure bolts on the squeeze bracket and Tridangle.



BEFORE WORKING WITH ANIMALS, SAFETY CHECK:

- ✓ All parts have been reinstalled correctly.
- ✓ All chute functions, including the head gate and squeeze mechanisms, are working properly.
- ✓ All bolts are tightened correctly.
- ✓ Any bolts securing moving parts should be able to rotate freely.

ARROWLOCK 75 SERIES ADD-ONS

4TH GENERATION HEAD HOLDER

FOR COMPLETE INFORMATION, READ THE HEAD RESTRAINT MANUAL.

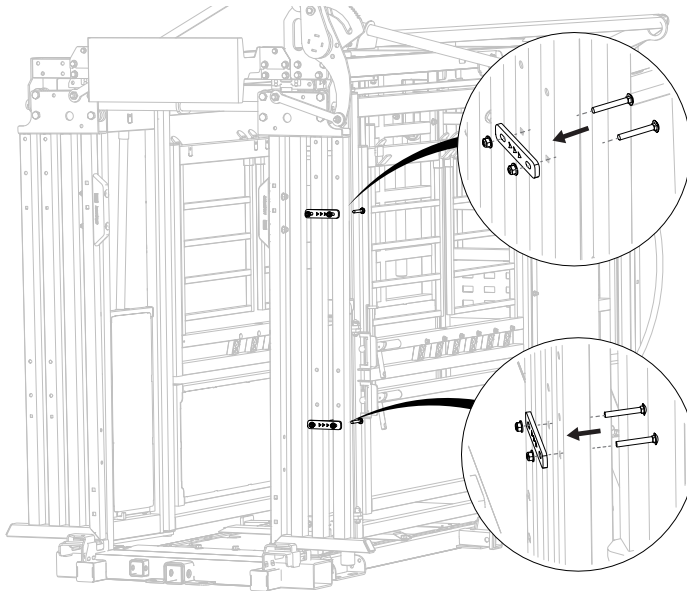
REQUIREMENTS:

- 2 people
- 9/16" wrench
- 3/4" wrench

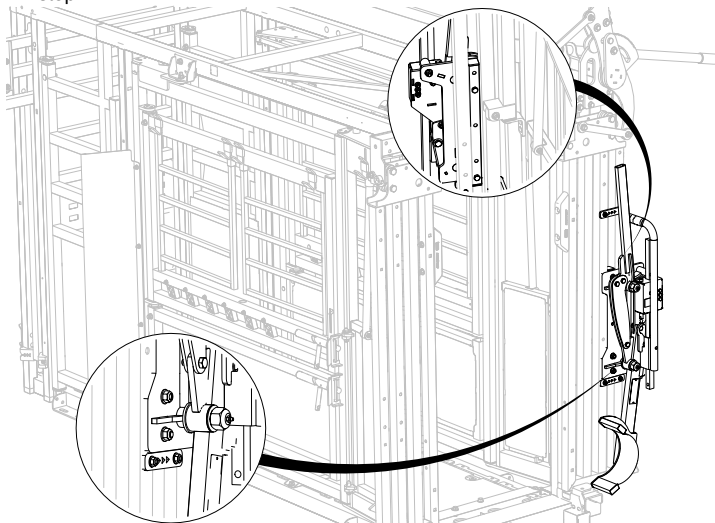
INSTALLATION:

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

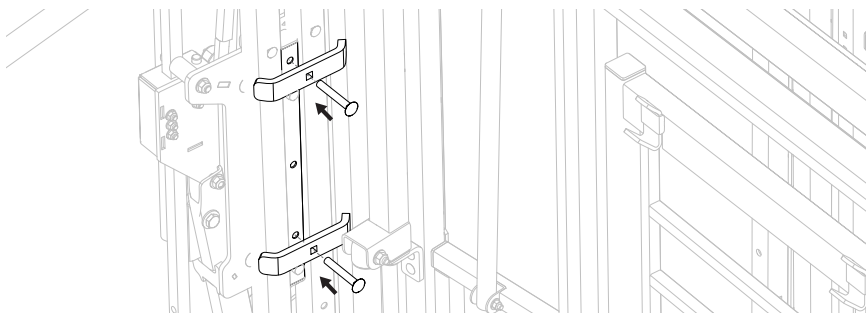
NOTE: DO NOT HOLD THE BOTTOM PLATE ON THE HEAD HOLDER WHEN ADJUSTING.



- 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:

1. Add grease through the grease nipples **as needed**.
2. 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.

LUG POSTS

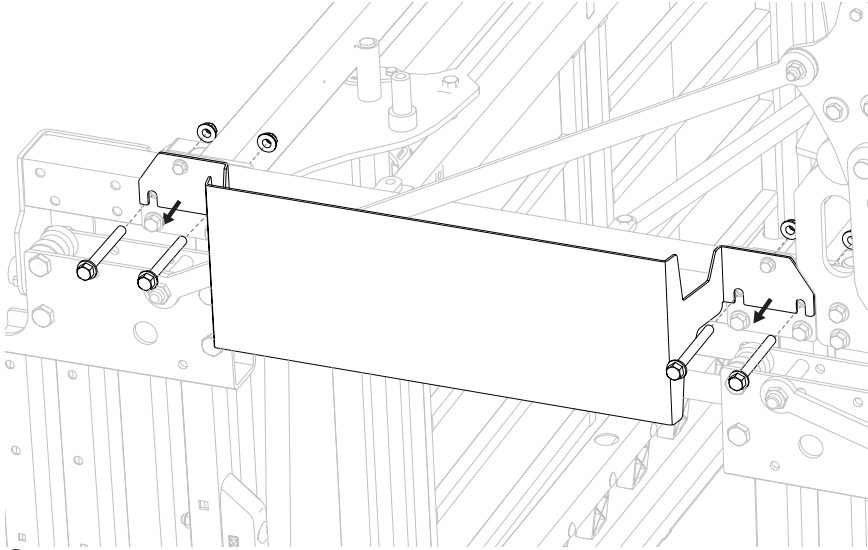
REQUIREMENTS:

- 2 people
- 9/16" wrench
- 3/4" wrench

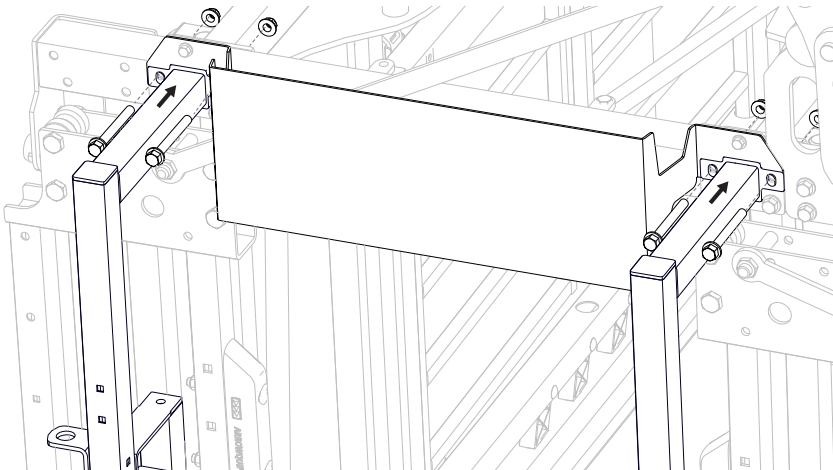
Installation:

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

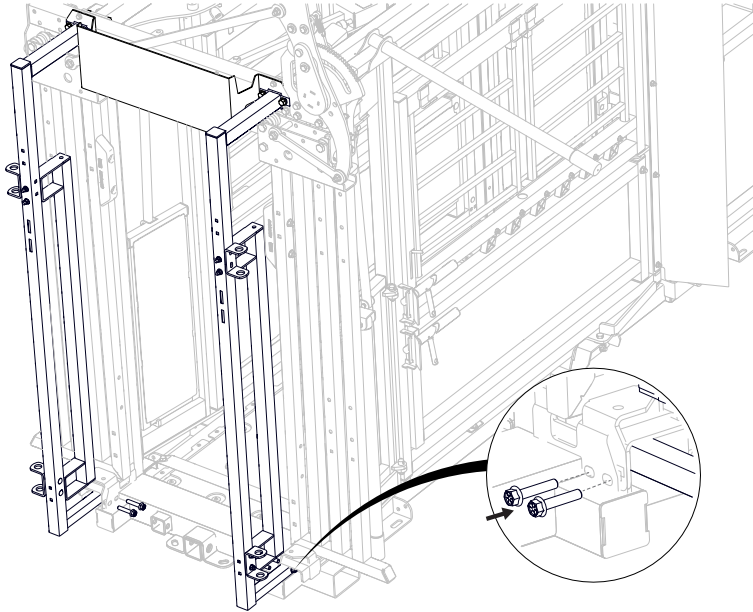
- 1** Remove bolts holding decal name shield.



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

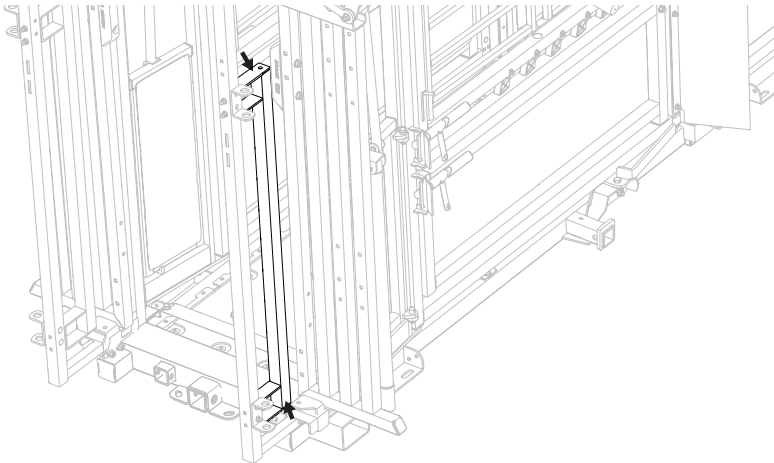


- 3** Align bottom of lug post and carriage head bolts with the head towards the inside of the chute.



- 4** Tighten down all 4 bolts.

- 5** Repeat steps to install the post on the opposite side.



NOTE: REMOVE FILLER POST BEFORE INSTALLING HEAD HOLDER.

CRASH GATE

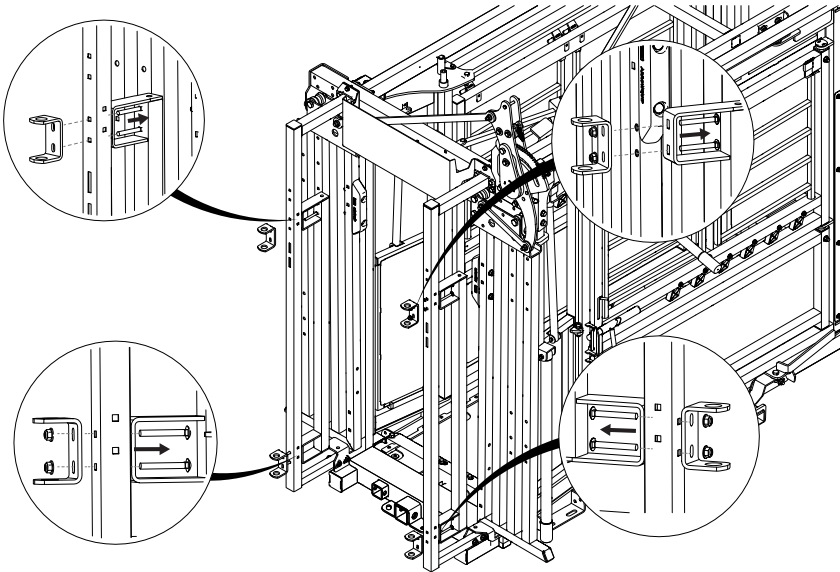
REQUIREMENTS:

- 2 people
- 3/4" wrench
- 1 1/8" wrench

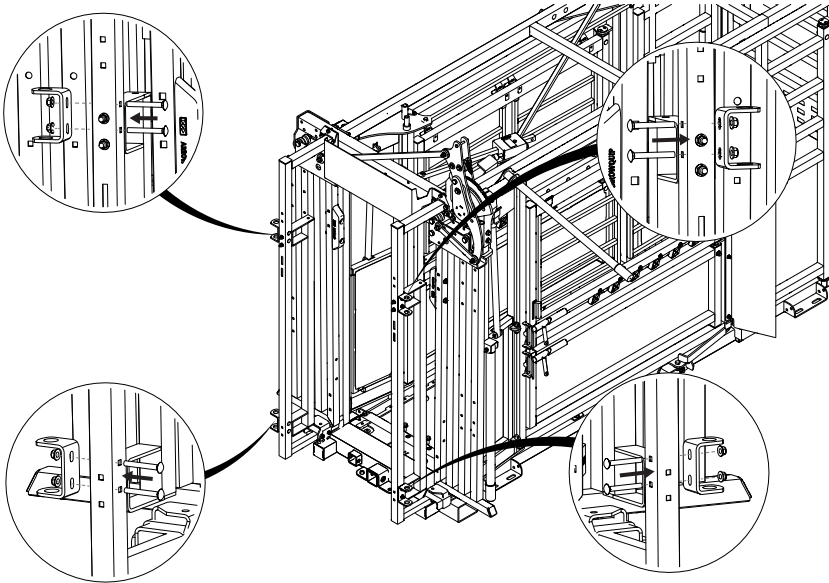
**THE CRASH GATE CANNOT BE INSTALLED WITHOUT LUG POSTS –
FOR INSTALLATION, REFER TO LUG POST INSTALLATION.**

INSTALLATION:

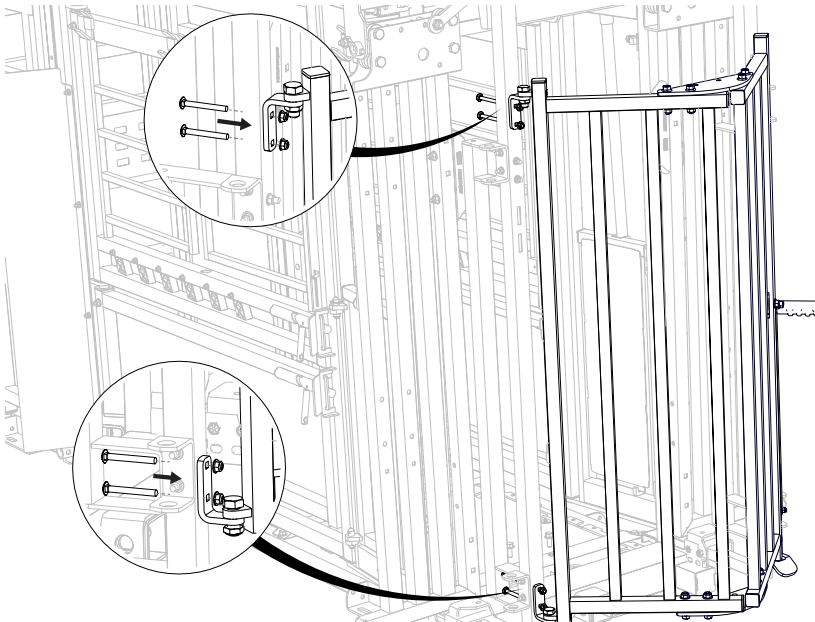
- 1** Remove front panel clips from front of Lug Posts.



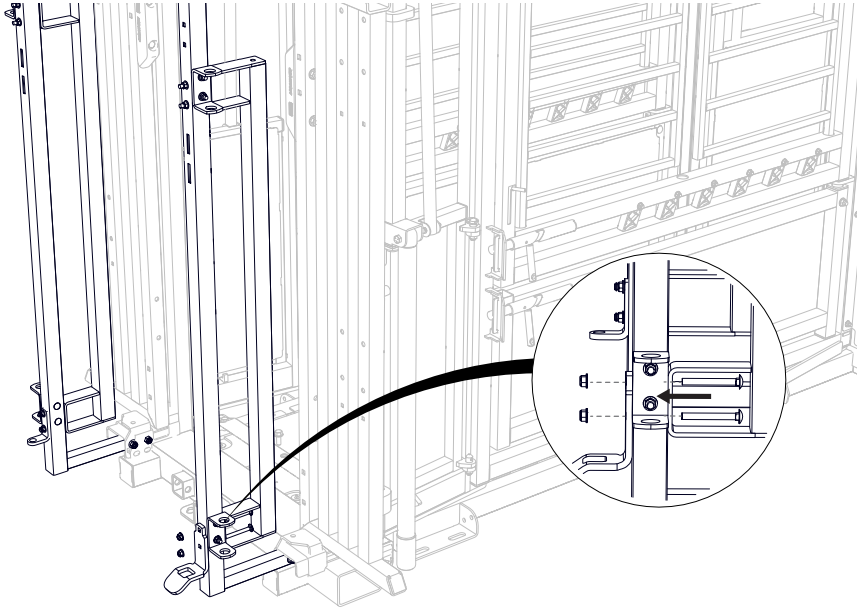
2 Attach panel clips to the side of Lug Posts.



3 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.



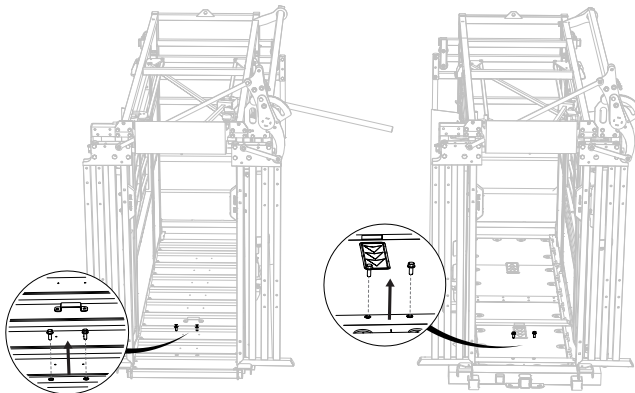
SHEETED STERNUM BAR

REQUIREMENTS:

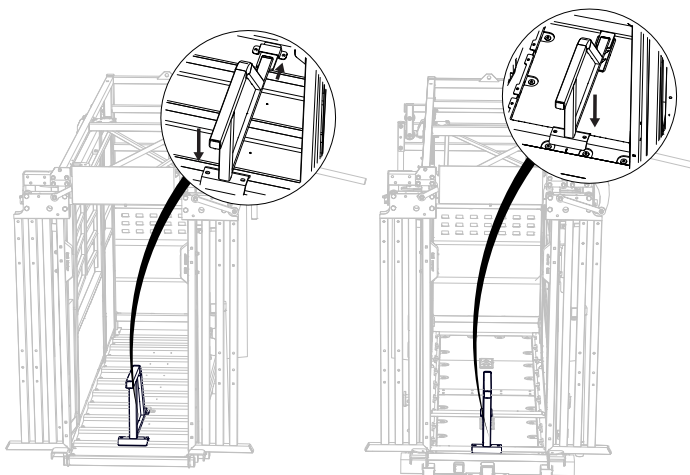
- 2 people
- 1 1/8" wrench
- 3/4" wrench

INSTALLATION:

- 1** Remove stock bolts from front hold down.

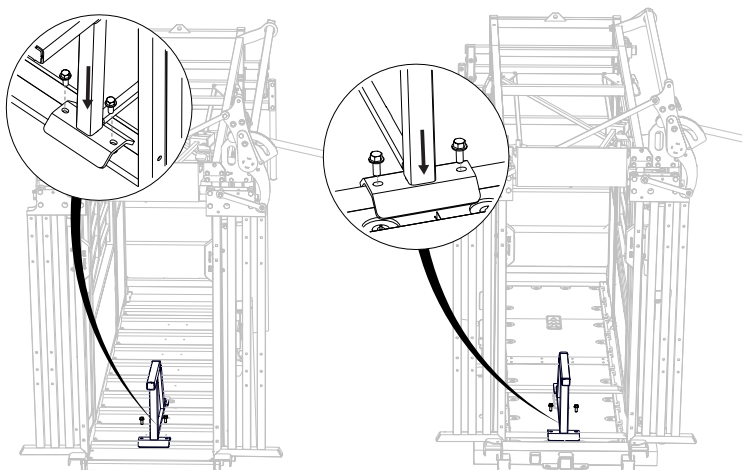


2 Insert rear of sternum bar into hold down.



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:

- ✓ It is recommended you remove the sternum bar when working calves.

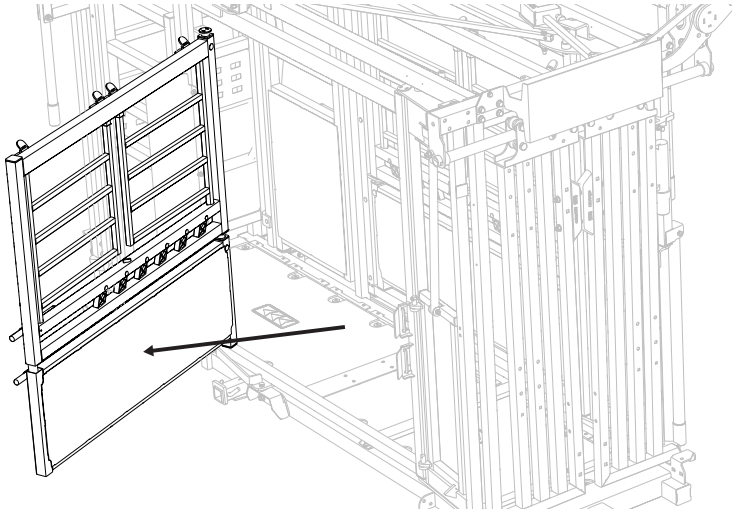
CALF RESTRAINER BAR

REQUIREMENTS:

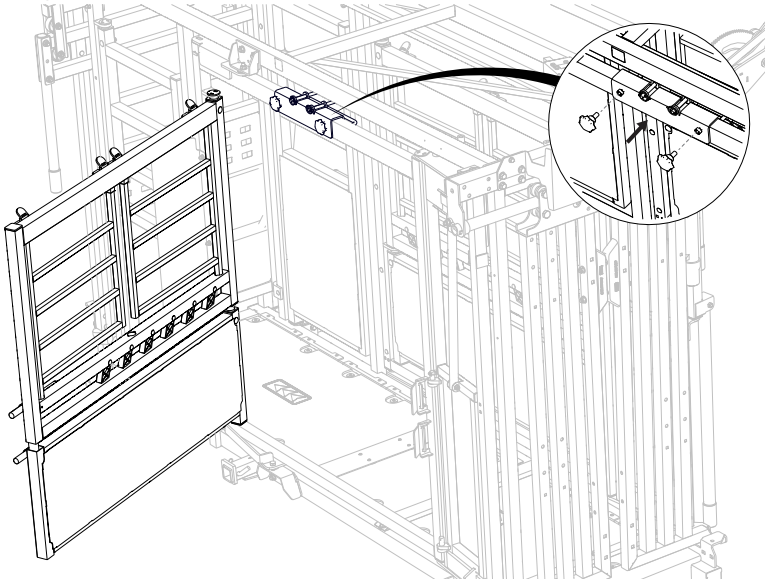
- 2 People
- 3/4" wrench

INSTALLATION:

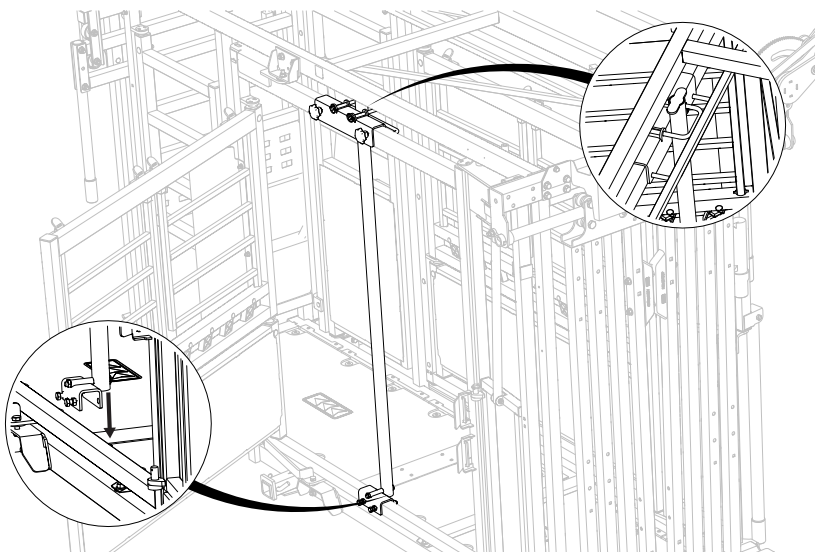
- 1 Open emergency doors.



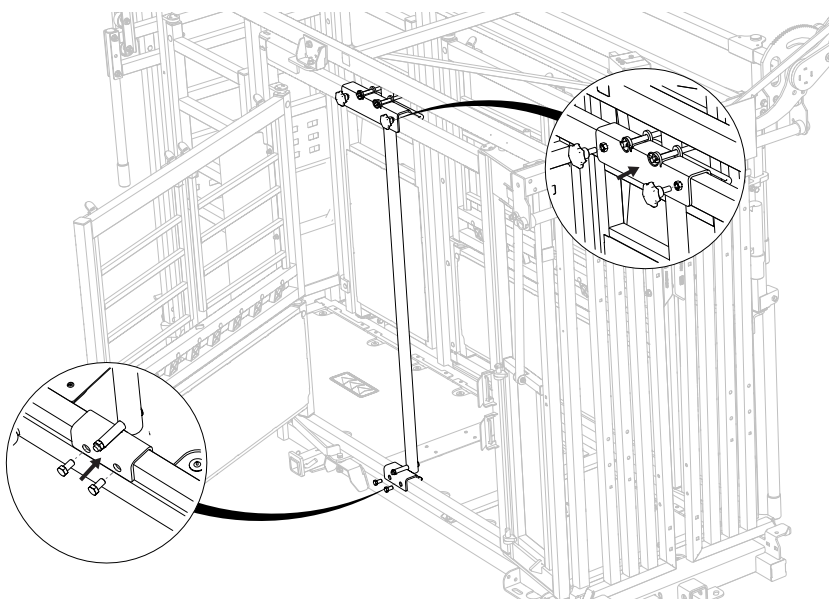
- 2 Mount on top bracket.



3 Insert Restrainer Bar into top bracket.



4 Set bottom bracket onto the squeeze frame.



EASY FLOW ALLEY

This section contains:

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

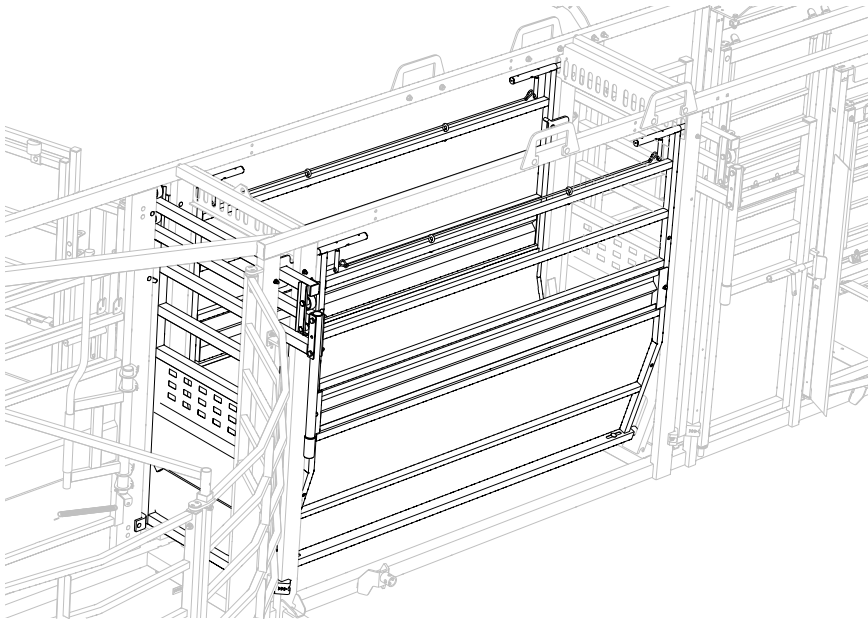
ADJUSTING THE EASY FLOW ALLEY



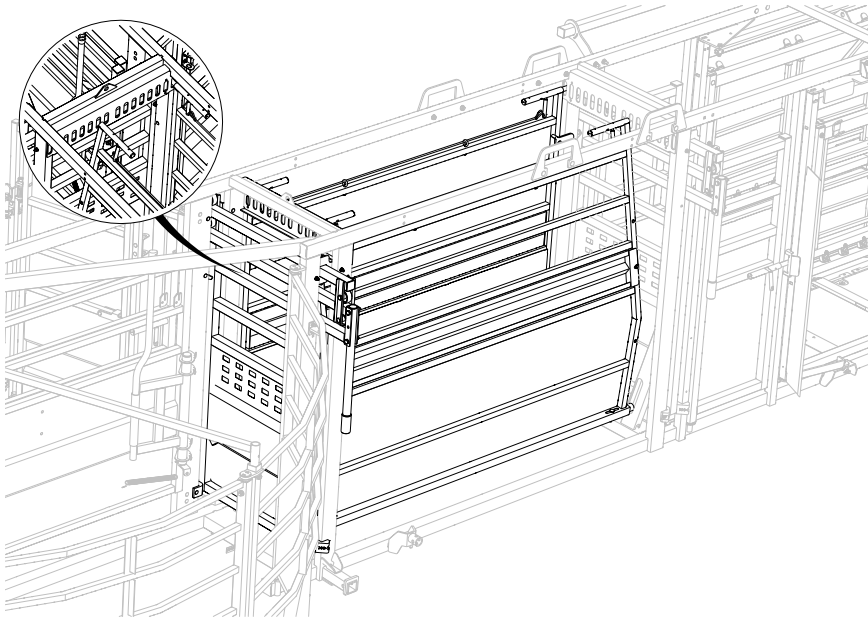
ACTIVATE THE SAFETY LATCHES BEFORE ADJUSTING.

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.

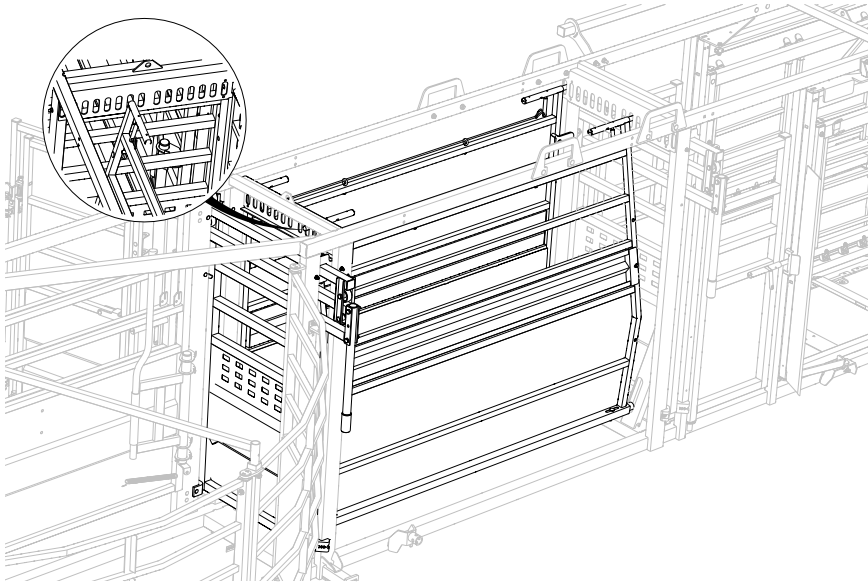
- 1** Pull the adjustment cable between the slam latches to release the panel.



2 Adjust the panel to the desired position.



3 Lock the panel into position with slam latches.





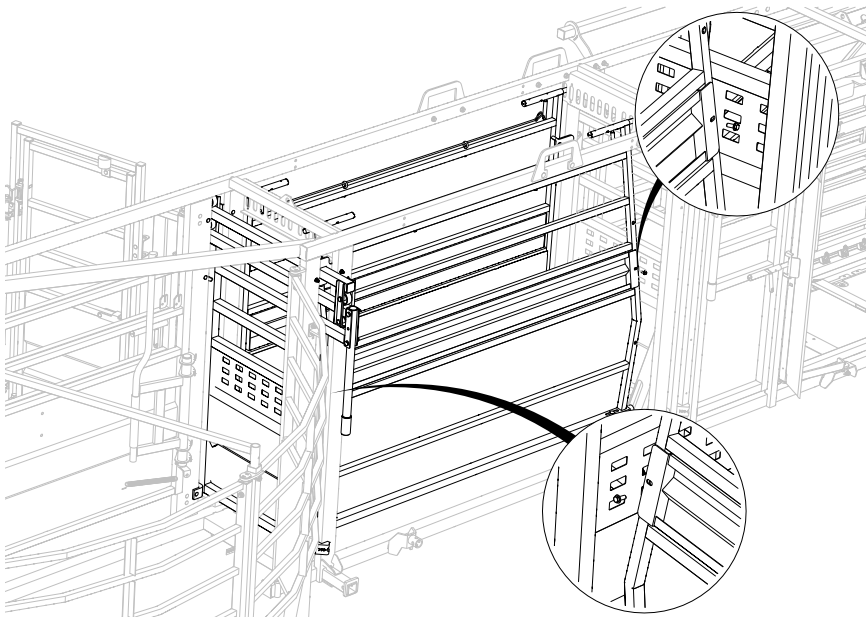
BOTH LATCHES SHOULD BE SECURELY FASTENED IN THE PARALLEL ADJUSTMENT SLOTS BEFORE PROCEEDING.

- 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 the 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 EMERGENCY EXIT

NOTICE: The safety latches MUST be engaged at all times, except in the event of an emergency.

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

INSTRUCTIONS:



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.

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. ...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.

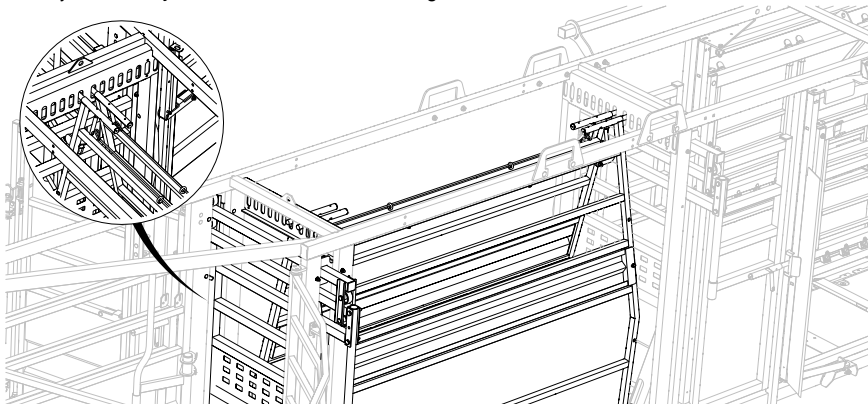
SCALE PLATFORM INSTALLATION

REQUIREMENTS:

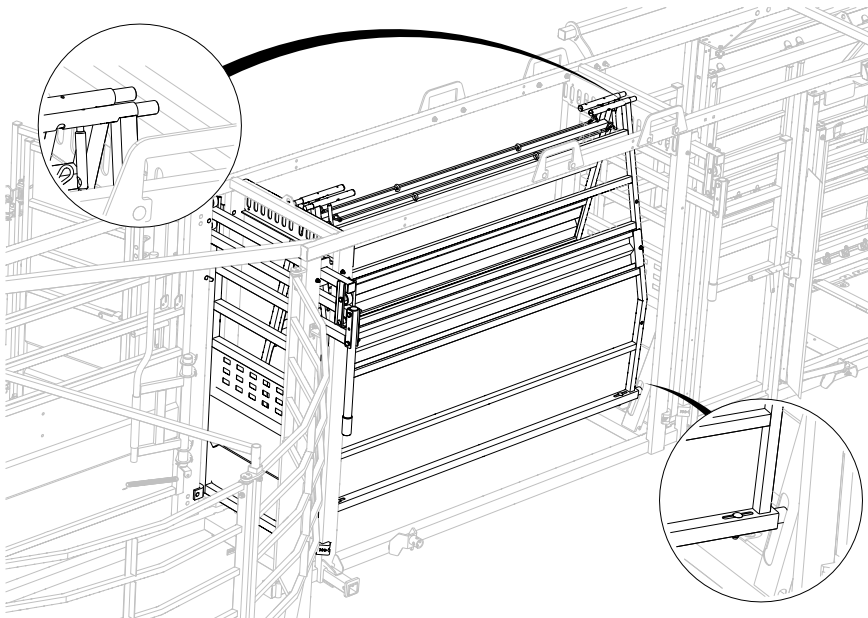
- 2 people

INSTALLATION:

- 1** Adjust the alley width to the narrowest setting.



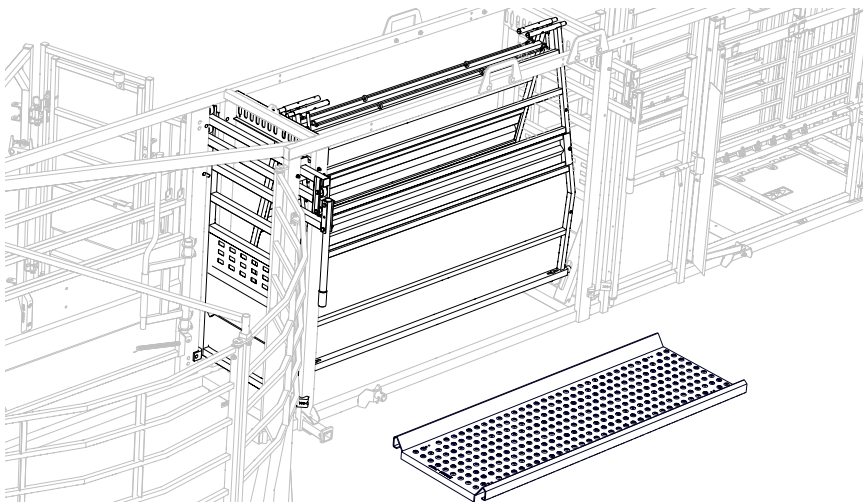
- 2** Lift the side panel and set the latch above the alley bow. Repeat step for the opposite side panel.



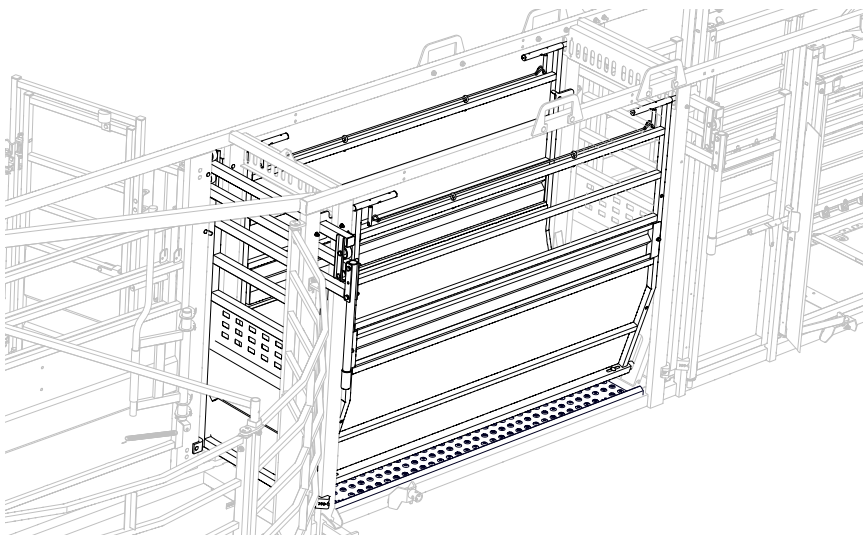


WARNING: THE PANELS ARE VERY HEAVY. YOU WILL NEED AT LEAST 2 PEOPLE TO LIFT EACH PANEL.

3 Slide Scale Platform underneath.



4 Lower the side panels back to working position.



Safety Precautions:

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

RECOMMENDED MAINTENANCE

This section contains:

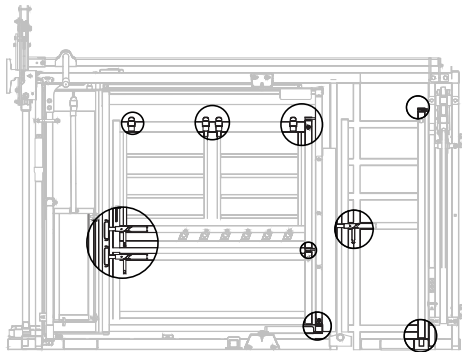
- **Adjusting the Easy Flow Alley**
- **Using the Removable Panels**
- **Using the Emergency Exit**
- **Scale Platform Installation**
- **Rolling Door Conversion**

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)

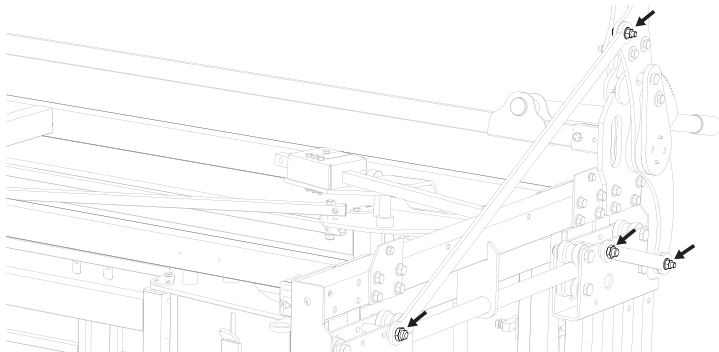
1. General Maintenance

- ✓ **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.

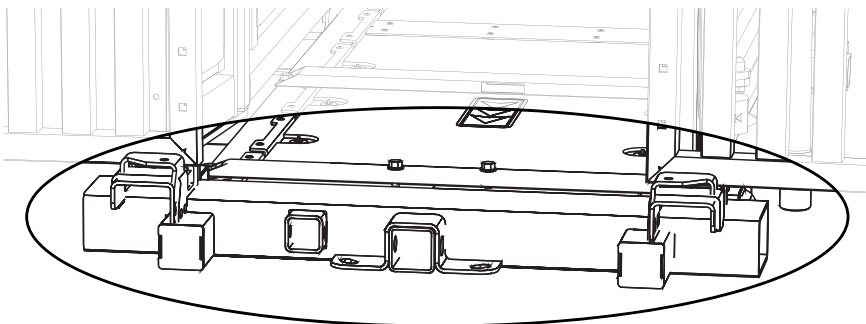


- ✓ Check gate latches and striker plates for wear. Ensure gates are locking securely.

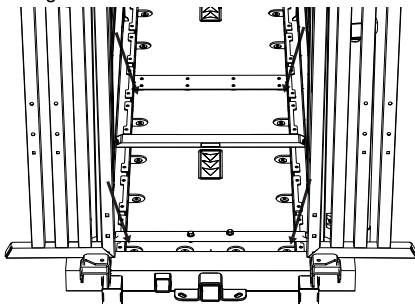
- ✓ Inspect the head gate.
 - a. You should feel the head gate rollers moving when you open the head gate. The rollers should be tight enough to be moved by hand, but not over-tight to cause the rollers to bind. If rollers are binding, loosen bolts with 15/16" wrenches.



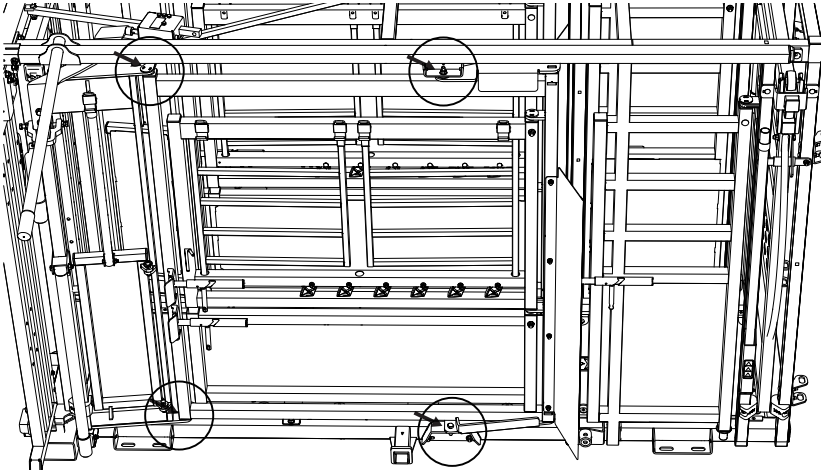
- ✓ Clean bottom head gate door track to prevent dirt-build-up.



- ✓ 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.

HYDRAULIC JACK MAINTENANCE

**IF YOU HAVE ANY ISSUES WITH YOUR HYDRAULIC JACKS,
CONTACT ARROWQUIP CLIENT CARE AT 1-877-275-6075.**

1. Replace oil annually, or more frequently as necessary.
 - a. Dirty oil or oil that has 0.05% of water in it can be catastrophic for hydraulic systems. Replace oil frequently to prevent damage to your hydraulic jacks and keep them working safely and reliably.
 - b. The unit requires 14qt of AW22 oil.
2. Keep the solar panel clean.
 - a. To ensure the Solar Panel can do its job and keep your battery functioning properly, ensure the panel is clean and exposed to sunlight regularly.
3. Retract the jacks fully, every time they are used.

- a. To keep the jacks properly synchronized, it is essential that the cylinders are retracted fully until they stop moving every time they are used.

BATTERY MAINTENANCE



WARNING: THE BATTERIES ON THE PORTABLE HANDLING SYSTEMS MUST BE CHARGED WITH A 12V AGM BATTERY CHARGER.

1. Charge the battery as required with a 12V AGM battery charger.
 - a. Connect charger to external Battery Lugs, as per battery manual.

BATTERY REPLACEMENT

If battery replacement is required, ensure replacement is of the same specs. Batteries with the wrong specs will void the warranty.

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 assures 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.

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

**BEFORE DOING ANY WORK OR TROUBLESHOOTING ON
YOUR HYDRAULIC JACKS, CONTACT ARROWQUIP CLIENT
CARE AT 1-877-275-6075.**

If you have a problem with your Q-Catch 74 Series Portable Working System, please consider the following tips or call Client Care at 1-877-275-6075.

HEAD GATE

1. Make sure the unit is situated on level ground or base.
2. Make sure head gate door tracks are free of debris.
3. Keep floor clean. Excess build-up of manure or dirt inside chute can cause the squeeze and head gate to malfunction.
4. Ensure bolts on the head gate are tightened correctly.
 - a. Too loose will cause premature wear on head gate parts.
5. Check nuts and bolts on all moving parts to ensure that they are tightened correctly, and are not binding.
6. All pivot points should be lubricated as needed with WD-40 Dry Lube.

SQUEEZE CHUTE

1. Check nuts and bolts on items and ensure that they are tightened correctly and are not binding.
2. All lock boxes and pivot points should be lubricated as needed with WD-40 Dry Lube.

HYDRAULIC JACKS

1. Rear jacks are not synchronized.
 - a. If one cylinder is contacting the ground significantly ahead of the other, retract the jacks all the way up and deadhead the jacks until both are as far retracted they can go.
 - This should be done every time the jacks are retracted.
 - b. Extend the jacks again to see if the feet are synchronized and contacting the ground at the same time.
 - c. If the jacks are still not synchronized when they hit the ground, ensure the unit is charged fully or boost with jumper cables.
 - d. When both jacks are contacting the ground simultaneously, it is safe to lift the unit.
2. Battery is dead and/or the unit will not function.
 - a. Ensure pendant button is working.

- Listen for the click of the relay when button is pressed. If it makes a clicking sound, the relay is activating.
- b. If the system seems dead and no functions are working, it is likely the battery may be low and in need of charge.
- c. Use an AGM Battery Charger to charge the unit, or boost by attaching jumper cables to the charging lugs on the outside of the box.
 - Arrowquip recommends Genius 26000 Charger.
- 3. Slow function in extreme cold weather.
 - a. If the unit has been sitting outside in extremely cold temperatures, it is possible that the oil is thicker than normal, and the jacks may operate slower than at warmer temperatures.
- 4. Unusual sound coming from the pump.
 - a. If it sounds like there is air getting into the hydraulic system, there is likely not enough oil in the reservoir.
 - b. Fully retract all cylinders.
 - c. Check the oil level in the reservoir.
 - d. The oil level should be just below the edge of the port.
 - e. Fill or replace the oil, as necessary.

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. Warranty does not cover corrosion. 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, Arrowlock or Powerlock systems, 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.



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