

PRODUCT MANUAL

ARROWLOCK HEAD GATE

ALHG



OCTOBER 2025 | 2026743

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WARNING

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.

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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.

1. **DO NOT** wear loose-fitted clothing.
2. **DO NOT** stand in front of the Head Gate while operator is moving the cattle through.
3. **DO NOT ALLOW CHILDREN UNDER THE AGE OF 18 NEAR AN OPERATING MACHINE.**
4. Follow safe cattle handling procedures in other areas of the yard so that cattle are more docile in the Head Gate.
5. **DO NOT** make any modifications to Arrowquip equipment. Non-factory modifications to the equipment can reduce the safety for the operator and livestock, and void warranty.

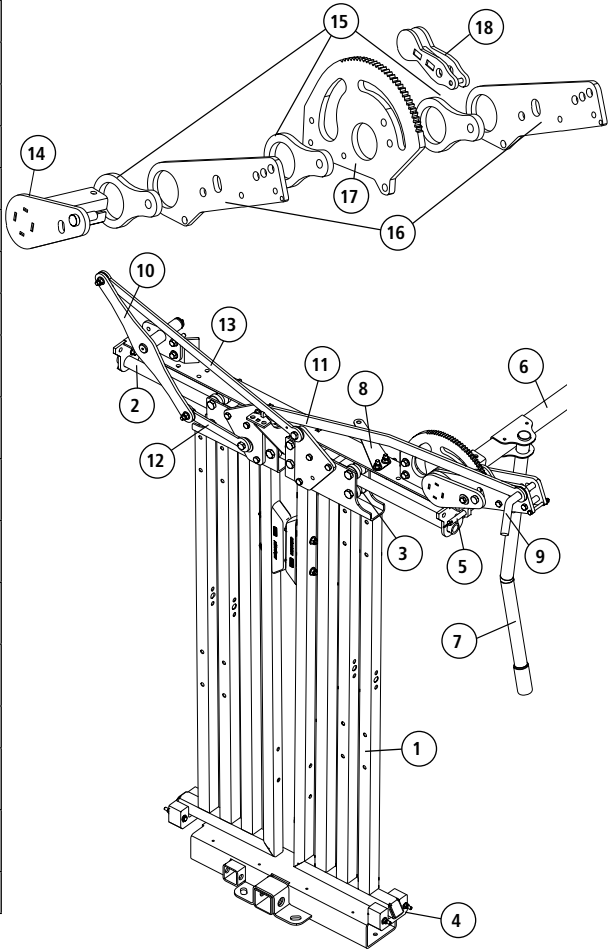
3E ARROWLOCK 88 SERIES HEAD GATE

Arrowquip squeeze chutes are designed to ensure the safety of both the animal and operator. **With proper maintenance and lubrication, the head gate will not jam under pressure.** However, in the rare event that an animal becomes stuck or hip-locked, the following steps can be taken to easily release the animal.

1. Position yourself between the chute and the headgate handle.
2. Give the headgate handle a firm hit to release the locking mechanism. It is important to have your body positioned between the handle and the chute; due to the pressure on the lock when it releases the handle may jerk upward.
3. Continue opening the door fully and allow the animal to exit the chute.

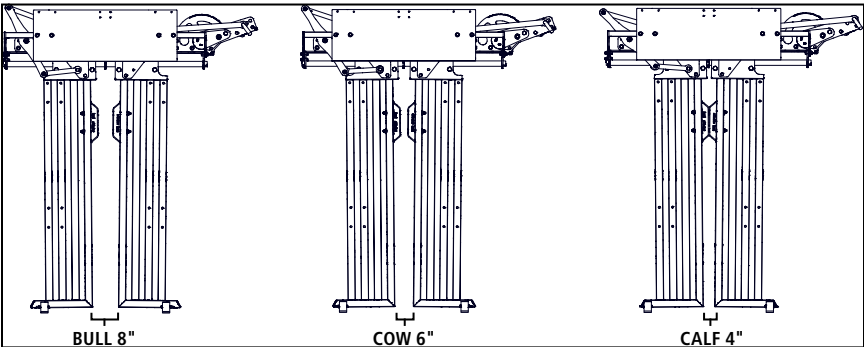
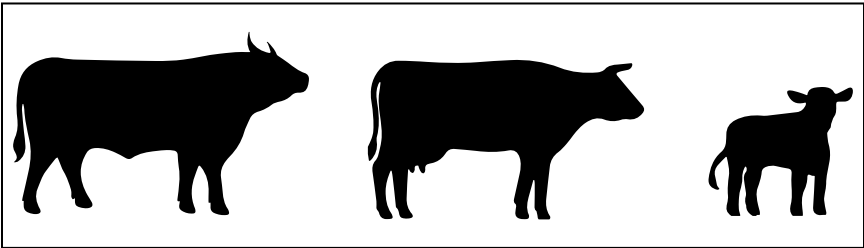
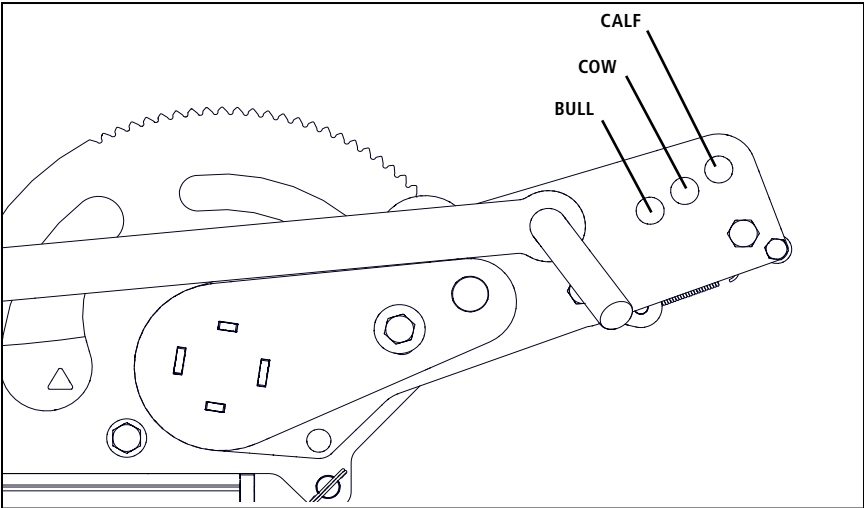
HEAD GATE ASSEMBLY

1	3E HEAD GATE DOOR
2	HEAD GATE TRACK
3	HEAD GATE ROLLER
4	GLIDE BLOCKS
5	SHIPPING PIN
6	CONTROL TUBE
7	88 HEAD GATE HANDLE
8	SHIPPING BRACKET
9	88 ARROWLOCK QUICK CHANGE PIN
10	88 ARROWLOCK HAMMER 2
11	88 ARROWLOCK DOOR DRIVE LINK
12	88 ARROWLOCK HAMMER 2 BOTTOM LINK
13	88 ARROWLOCK HAMMER 2 TOP LINK
14	88 ARROWLOCK DRIVE/ RELEASE
15	88 ARROWLOCK SPACER
16	88 ARROWLOCK DRIVE HAMMER
17	88 ARROWLOCK RATCHET PLATE
18	88 ARROWLOCK PAWL



HEAD GATE ADJUSTMENT SETTINGS

The Arrowlock 88 series head gate includes 3 drive settings to optimize head gate holding force, depending on the size of animal you are working. These settings change peak force and minimum gap between head gate doors. The three settings Calf, Cow and Bull, are shown below.



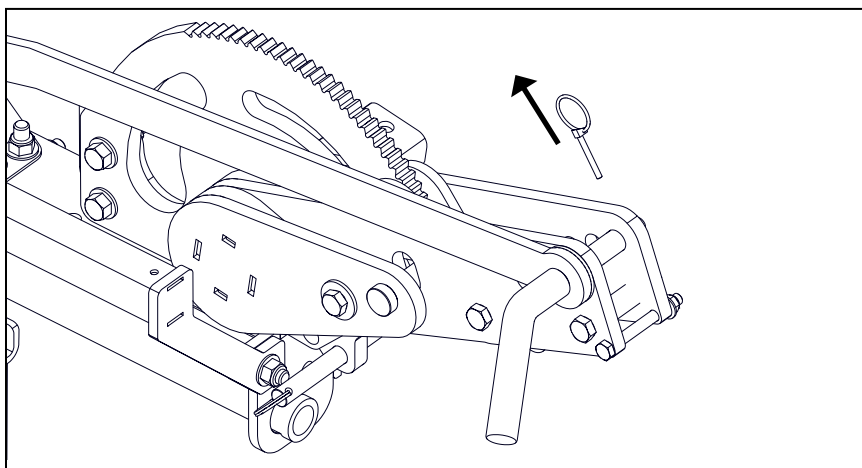
ADJUSTING ARROWLOCK 88 SERIES HEAD GATE

REQUIREMENTS:

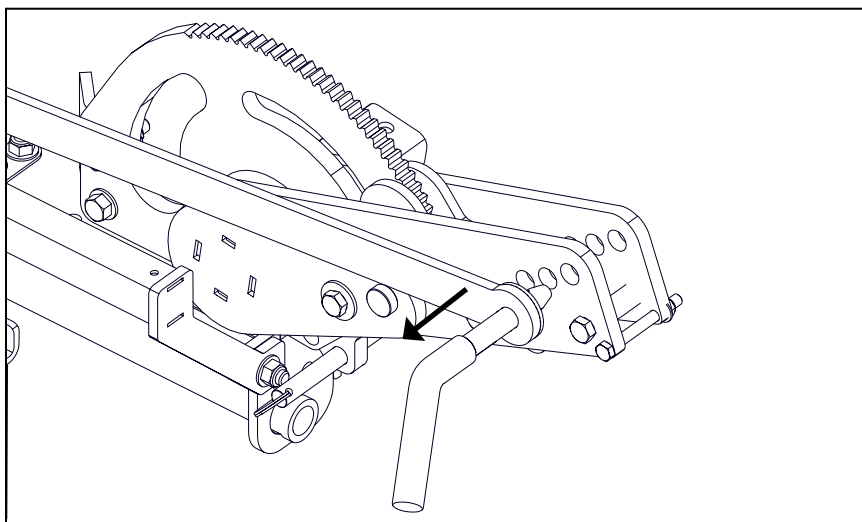
- 1 person

ADJUSTMENT:

1. Close Head Gate.
2. Remove Retaining Ring Pin from Quick Change Pin.



3. Remove Quick Change Pin, while keeping link on pin.

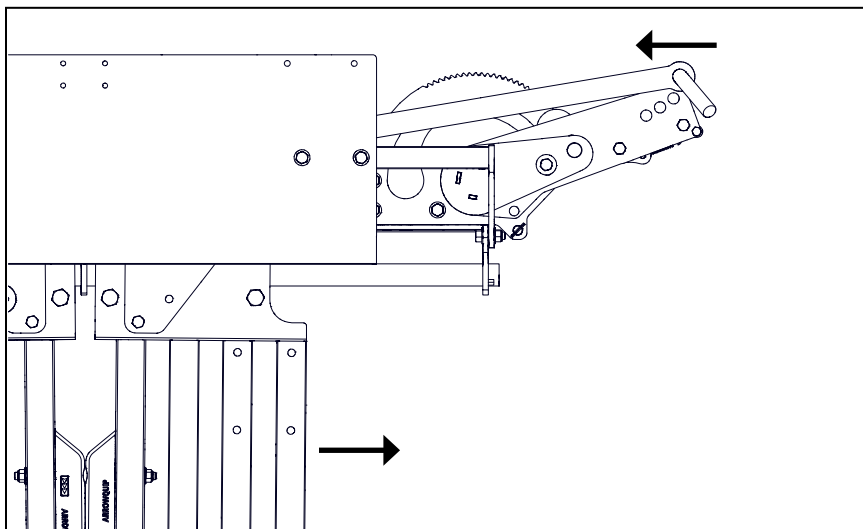




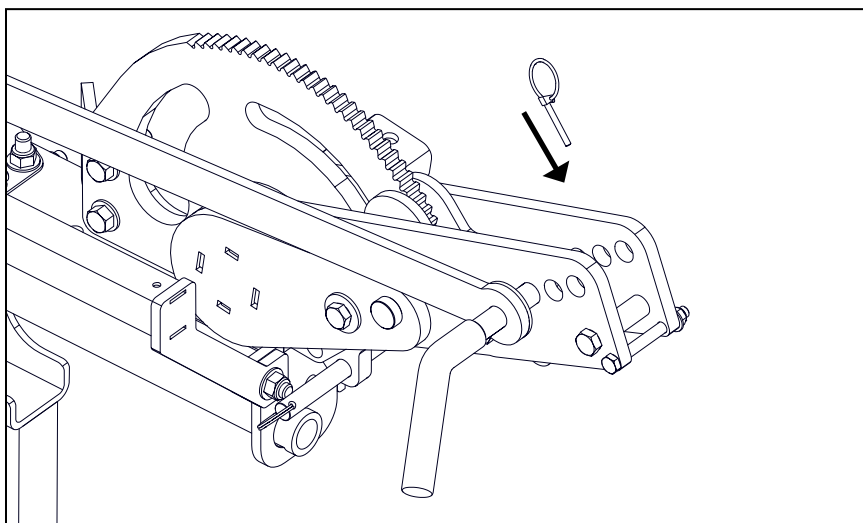
CAUTION:

Link will fail if pin is removed from link

4. Adjust link position over desired hole setting by moving head gate door by hand.



5. Reinstall Quick Change Pin and Retaining Ring Pin.



3E ARROWLOCK 75 & 55 SERIES HEAD GATE



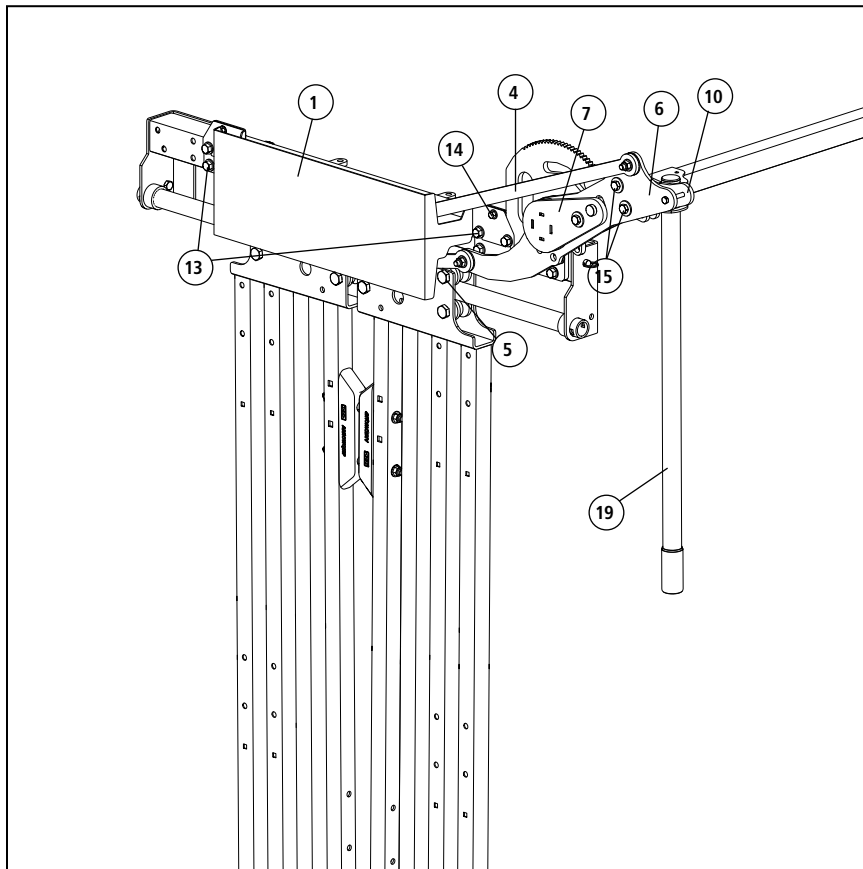
ENSURE THE LOCK AND LINKAGE POINTS ARE THOROUGHLY LUBRICATED WITH LIGHT OIL OR WD-40.

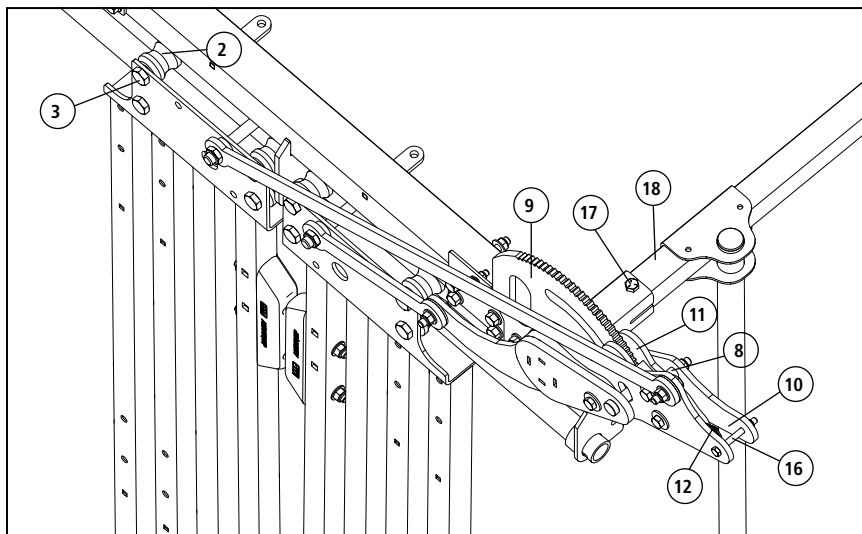
Your chute will come with the head gate fully assembled and ready for use. However, if you need to disassemble your head gate for any reason, the following guide will help you properly reassemble your chute.

HEAD GATE ASSEMBLY

Fit the mechanism parts as shown in the diagram below.

ARROWLOCK 55 & 75 MODELS

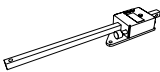




1	55/75 HEAD GATE SHIELD
2	Q-CATCH ROLLER
3	HEAD GATE ROLLER BOLT AND NUT
4	55/75 HEAD GATE TOP-LINK
5	55/75 HEAD GATE BOTTOM-LINK
6	RATCHET HAMMER FLF
7	RATCHET DRIVE/PAWL
8	55/75 RATCHET SPACER
9	55/75 RATCHET PLATE
10	55/75 RATCHET HAMMER TOP FLF
11	SPRING & PAWL
12	3" LONG EXTENSION SPRING
13	1/2 X 4-1/2 FLANGE BOLTS AND LOCKING NUTS
14	3/8 X 1 FLANGE BOLTS AND LOCKING NUTS
15	1/2 X 3-1/2 HEX BOLTS WITH 1/4" WASHERS & LOCKING NUTS
16	3/8X 4-1/4 HEX BOLT WITH LOCKING NUT
17	1/2 X 3-1/4 HEX BOLT WITH LOCKING NUT
18	55/75 CONTROL TUBE
19	HEAD GATE HANDLE

HEAD GATE & SQUEEZE CONVERSION

All Arrowquip products are made with precision parts to require minimal maintenance. However, regular maintenance will

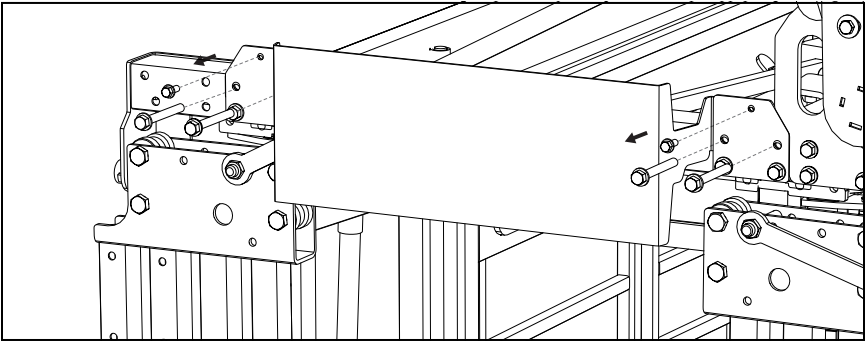
PRODUCT	LEFT-HAND PRODUCT CODE	RIGHT-HAND PRODUCT CODE
SQUEEZE TRIDANGLE 	2025571	2026420
SQUEEZE LOCKBOX 	2025123	2026246
ARROWLOCK DRIVE ASSEMBLY 	2024930	2026335

REQUIREMENTS:

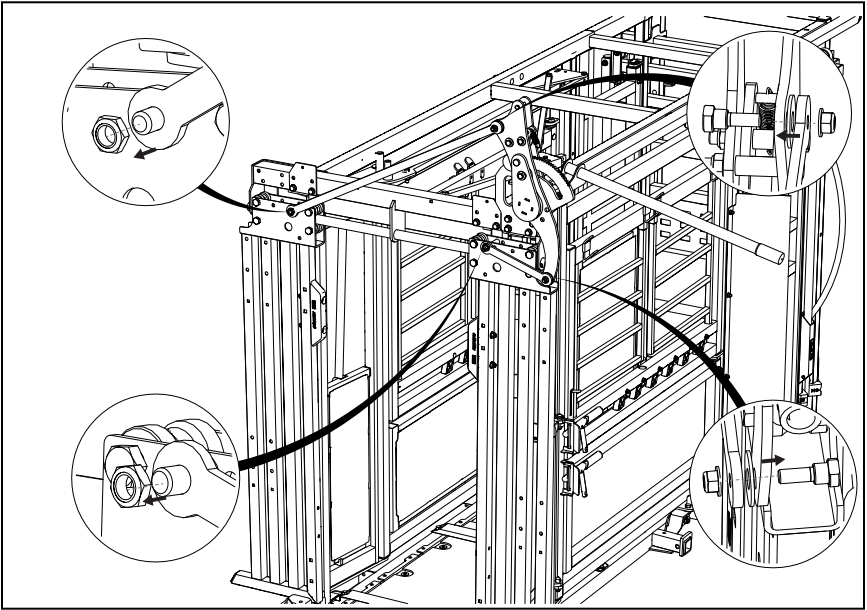
- 2 people
- Pliers
- Ratchet Pawl Assembly
- 2 x 9/16" Wrench
- 13/16" Wrench
- 1-1/16" Wrench
- 2 x 3/4" Wrench

INSTALLATION

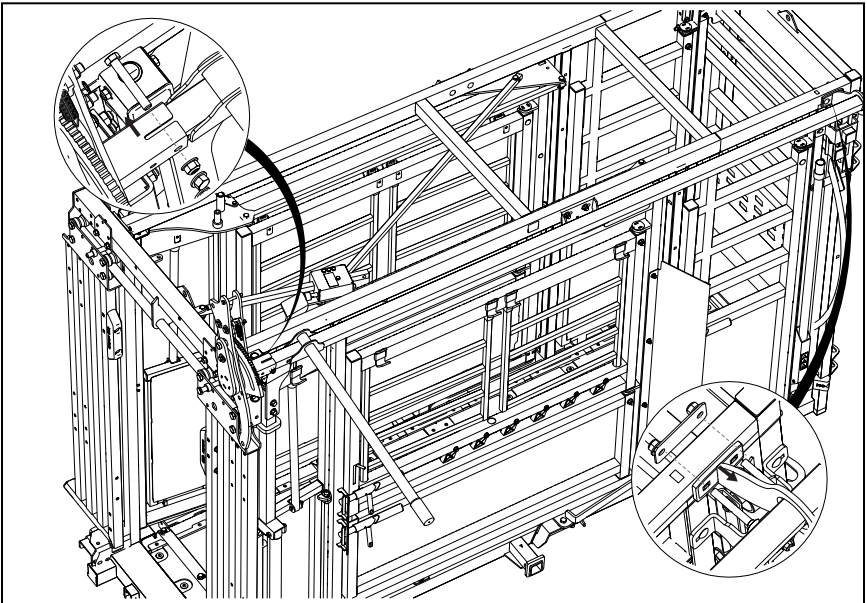
1. Remove shield.



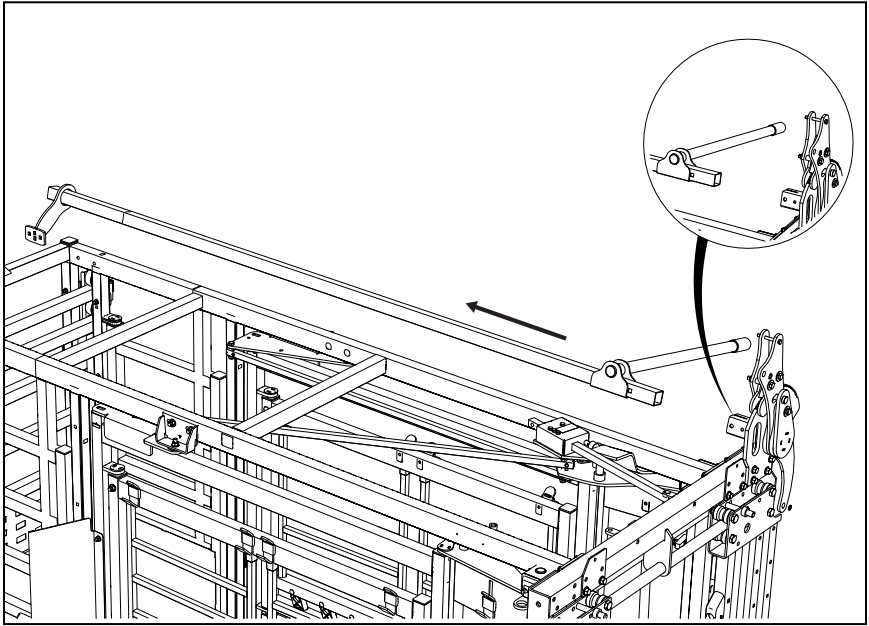
2. Remove linkages.



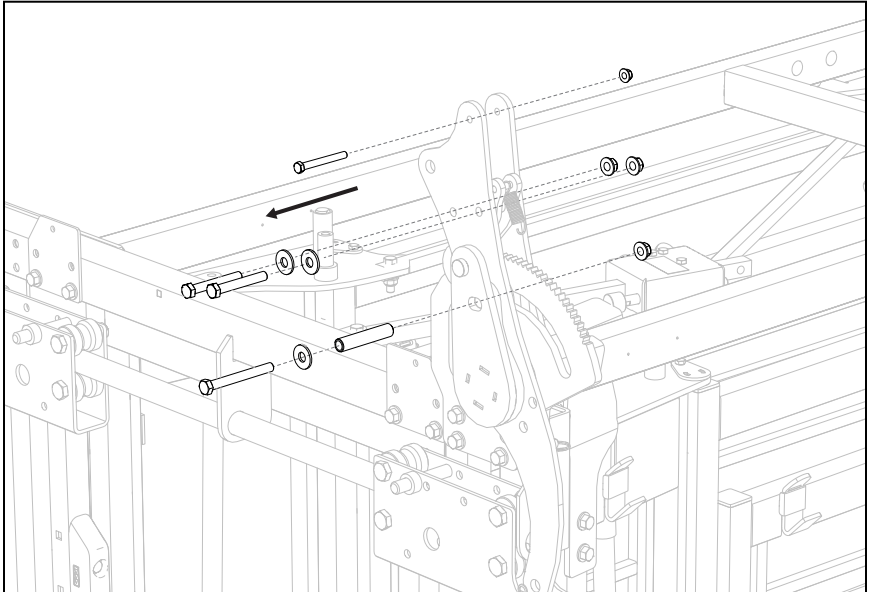
3. Remove locking bolt at the front of control tube and unbolt rear control bracket.



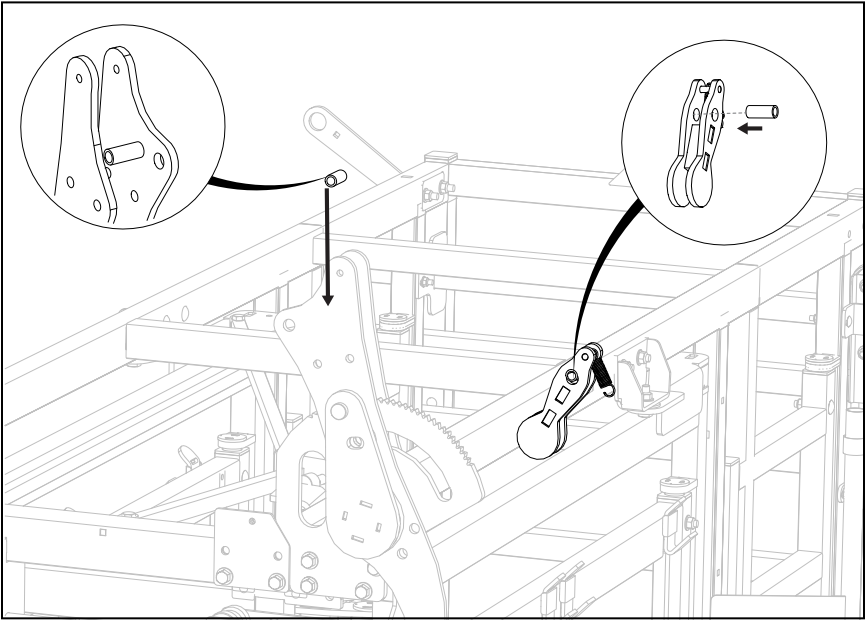
4. Remove control tube assembly and rear bracket.



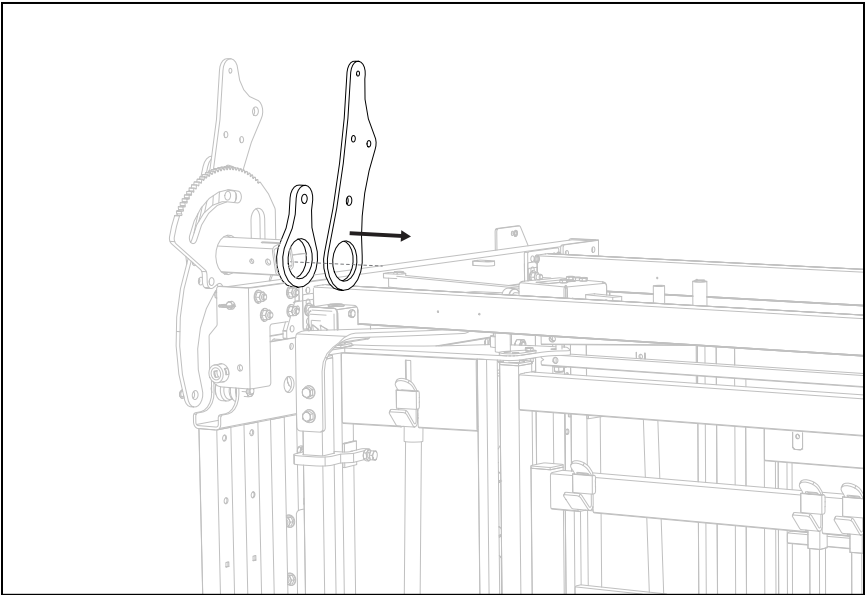
5. Remove bolts from ratchet plate.



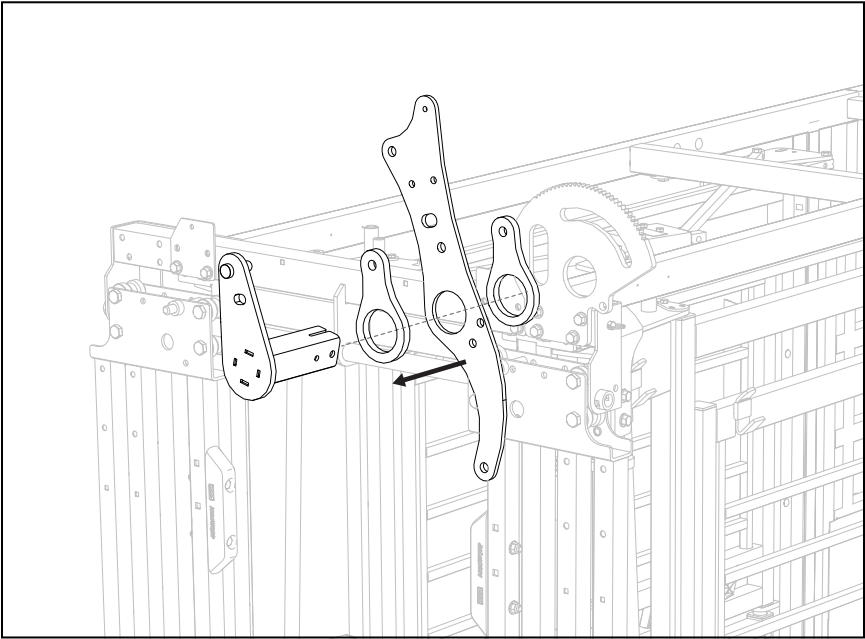
6. Remove pawl and spring.



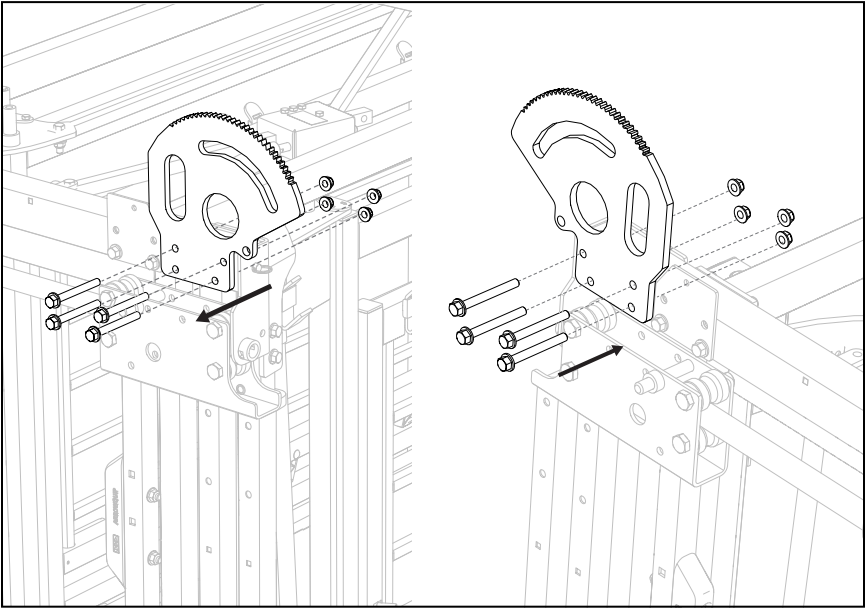
7. Remove lock hammer top (2024756) and spacer from rear side of ratchet plate.



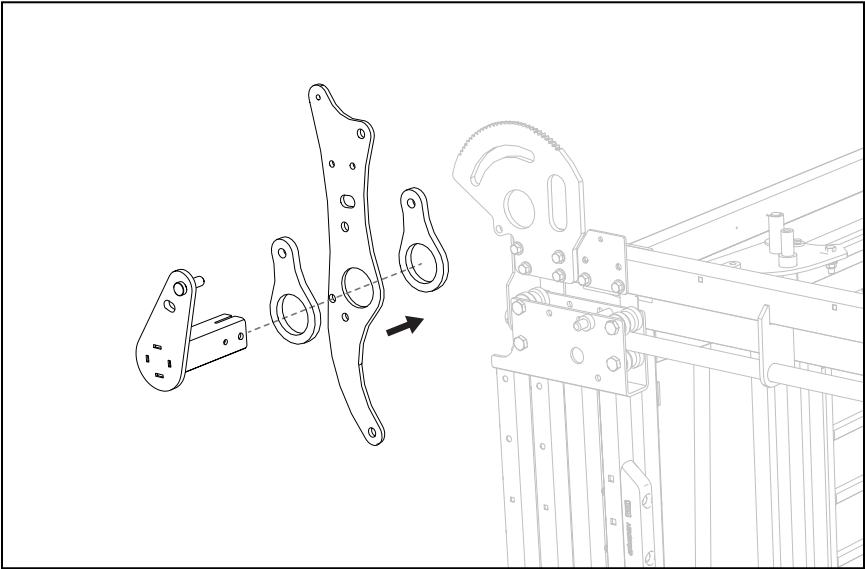
8. Remove ratchet pawl with the plastic spacers and ratchet hammer.



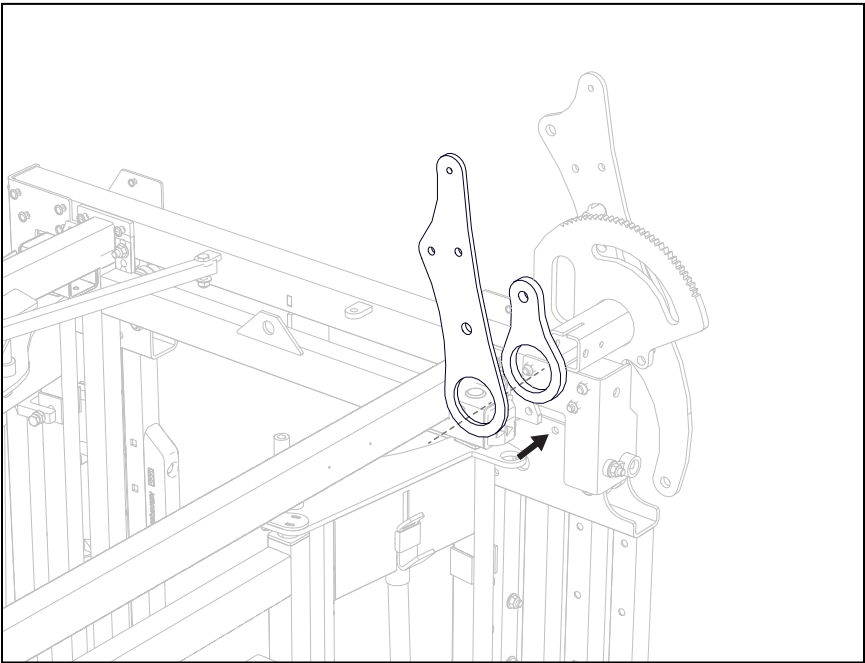
9. Remove ratchet plate and install on opposite side.



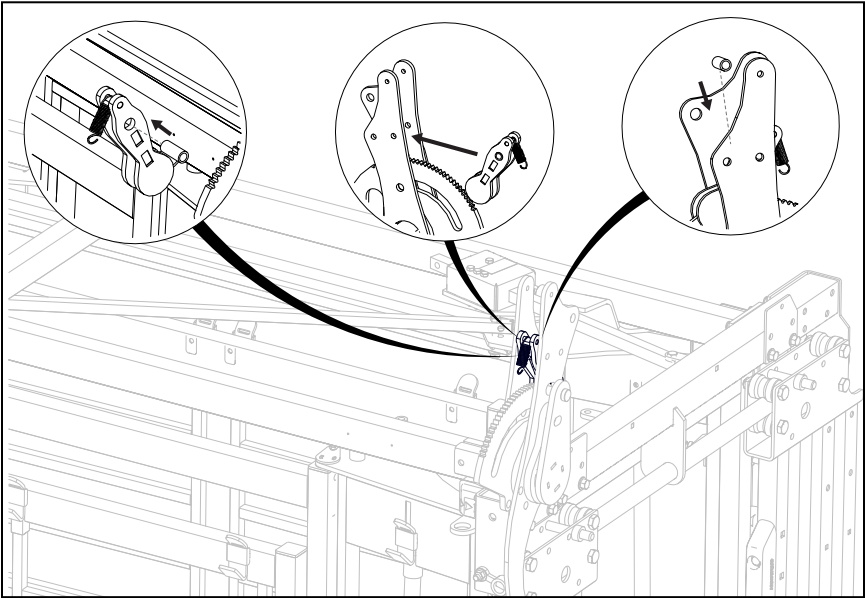
10. Install RH Ratchet Drive/Release WA, spacers and hammer.



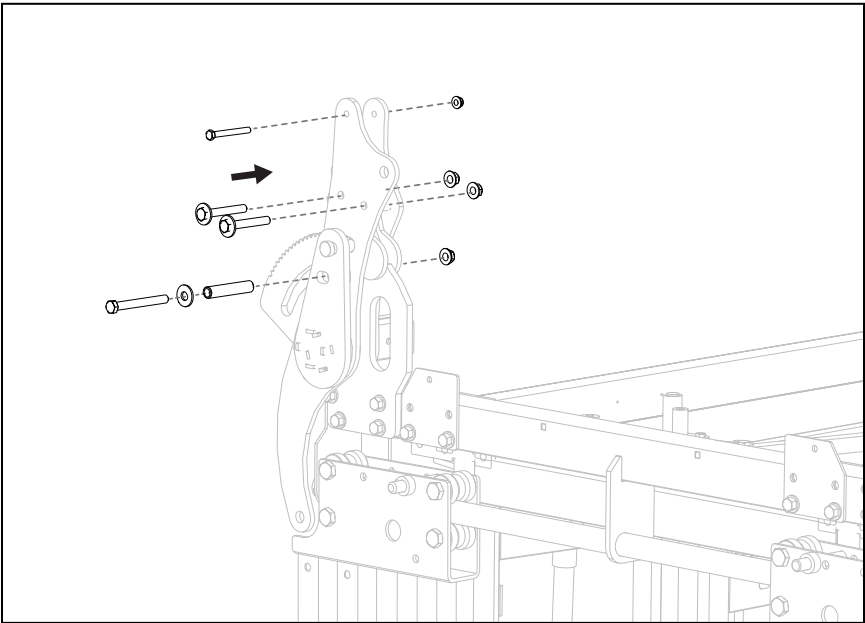
11. Install spacer and lock hammer top (2024756).



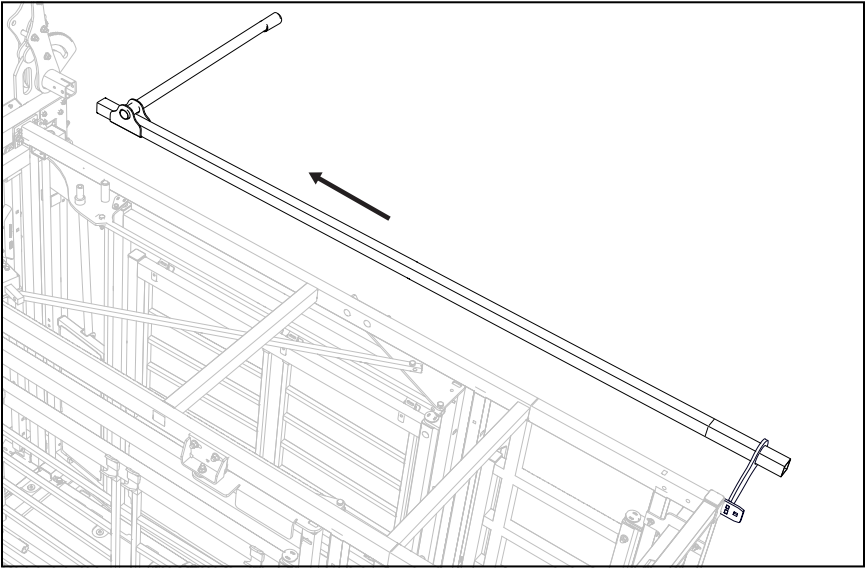
12. Install pawl and spring with 2X bolts.



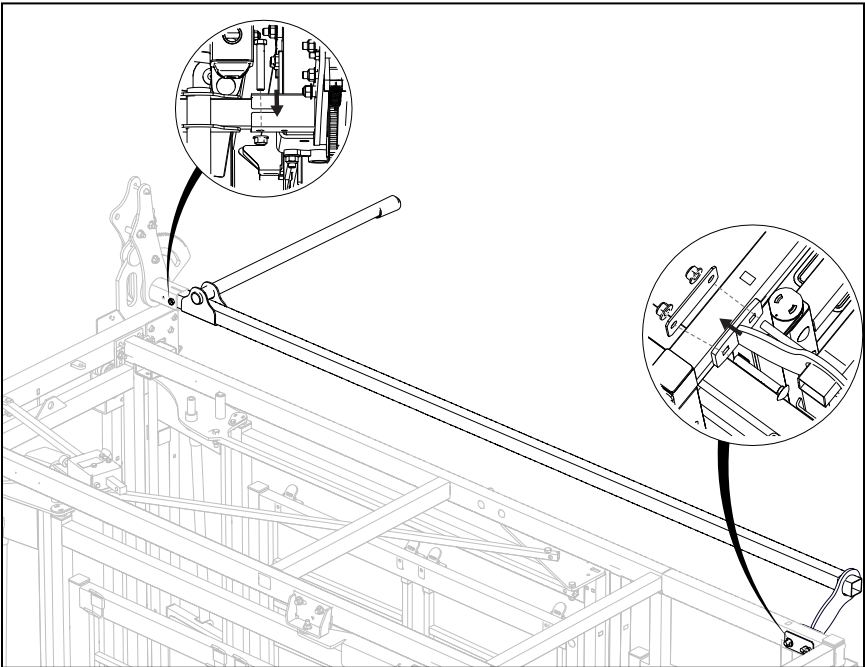
13. Install remaining 2X Arrowlock bolts.



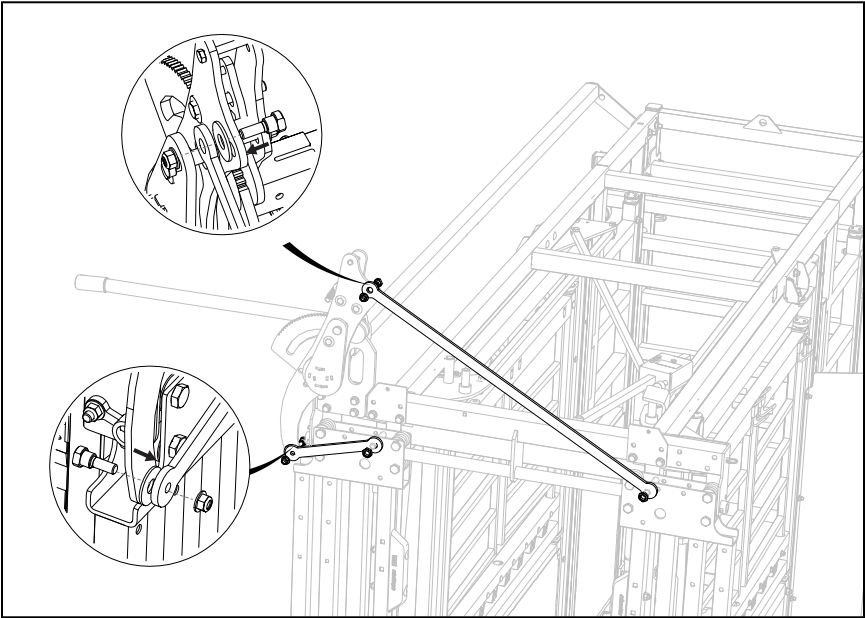
14. Install control tube and handle.



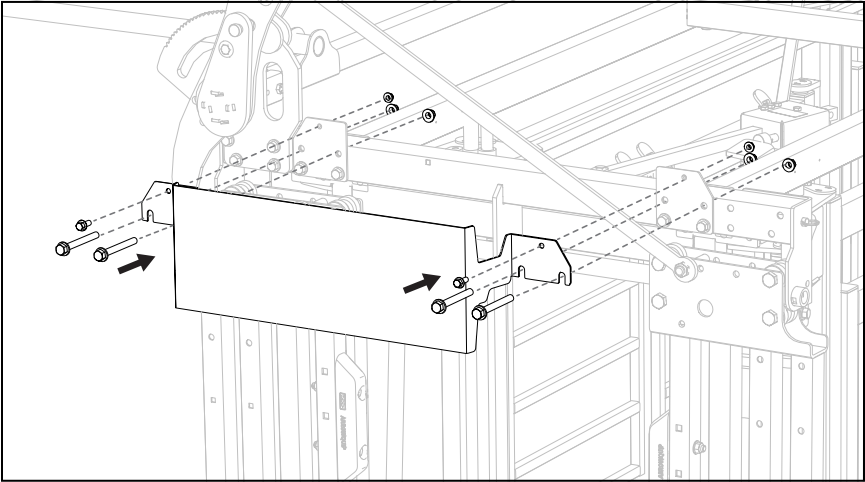
15. Install rear control tube pin and fasten front control tube. Note bolt should crush down sleeve until sleeve clamps control tube top and bottom.



16. Install linkages.

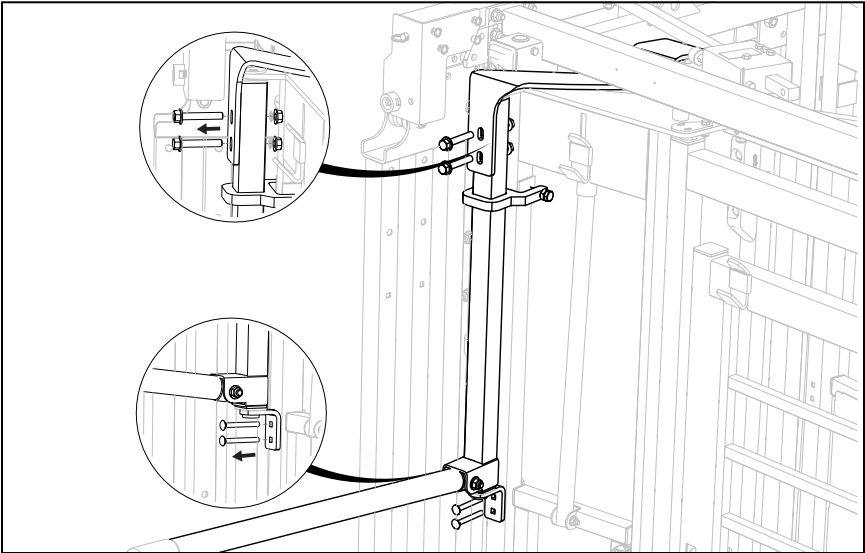


17. Install Name Shield.

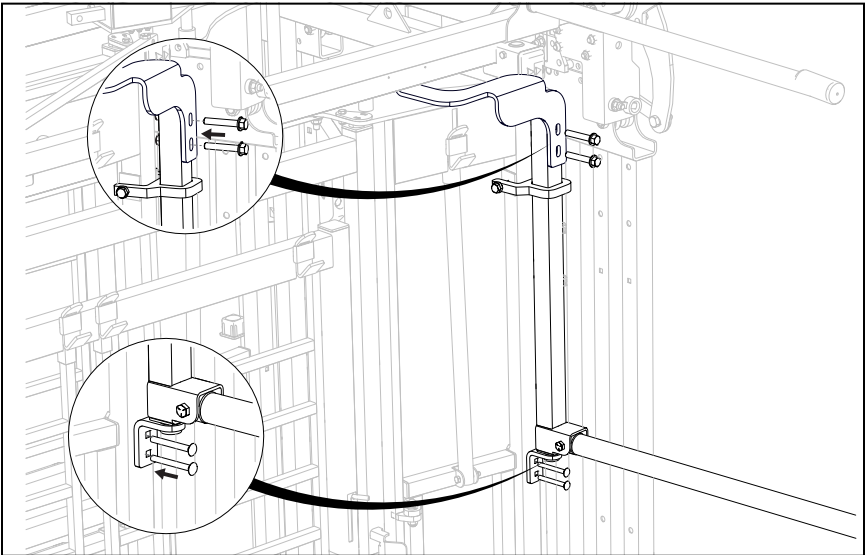


SQUEEZE THE CHUTE TO REMOVE TRIDANGLE.

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

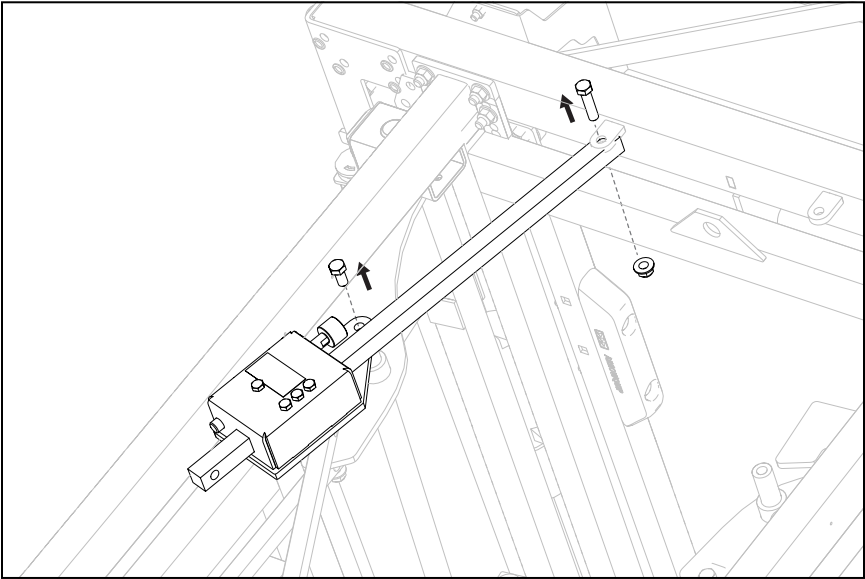


19. Install the squeeze bracket and Right-hand Tridangle on the opposite side.

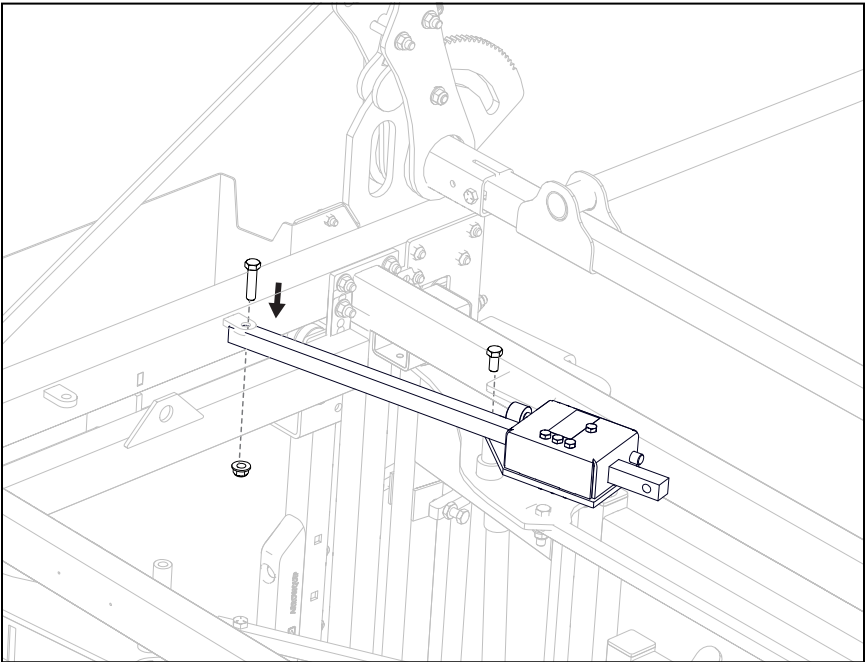


DO NOT TIGHTEN BOLTS UNTIL STEP 25.

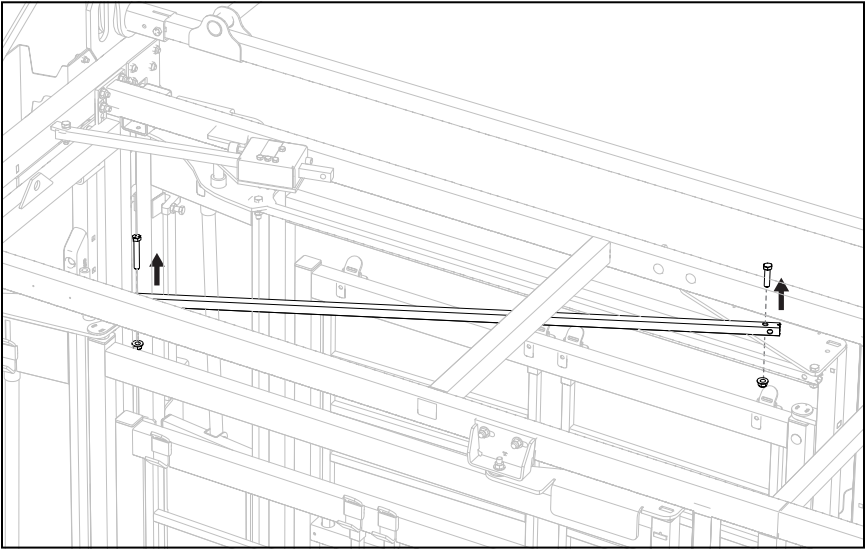
20. Unmount the Left-hand squeeze lockbox. Set aside.



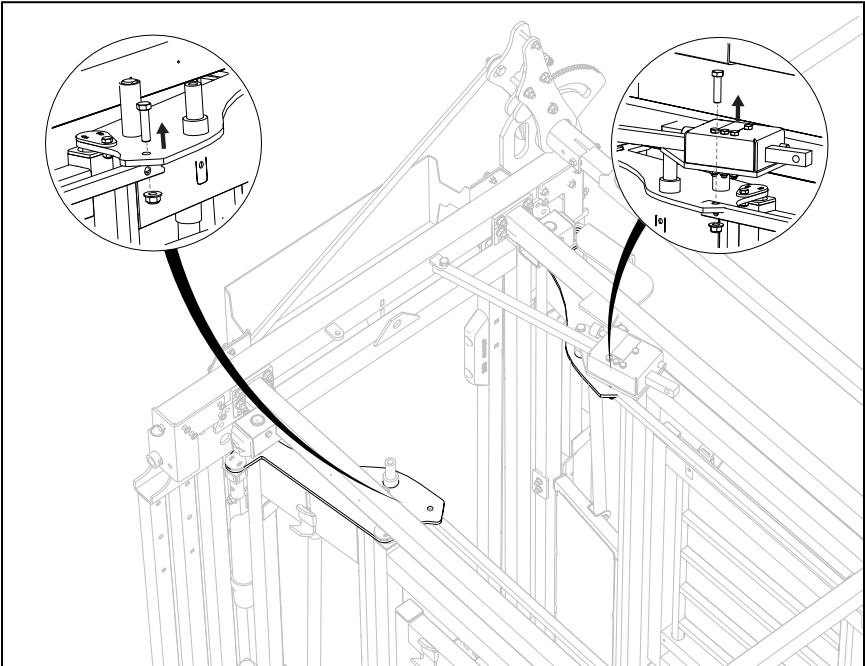
21. Mount the Right-hand squeeze lockbox.



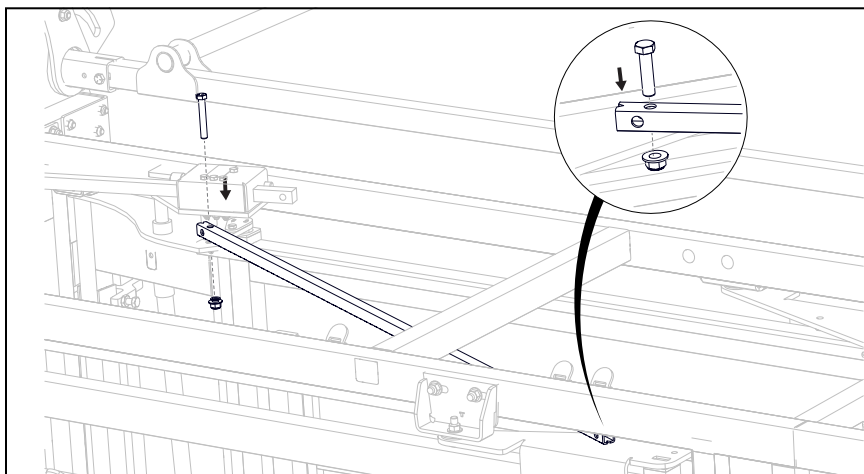
22. Detach the middle tie rod.



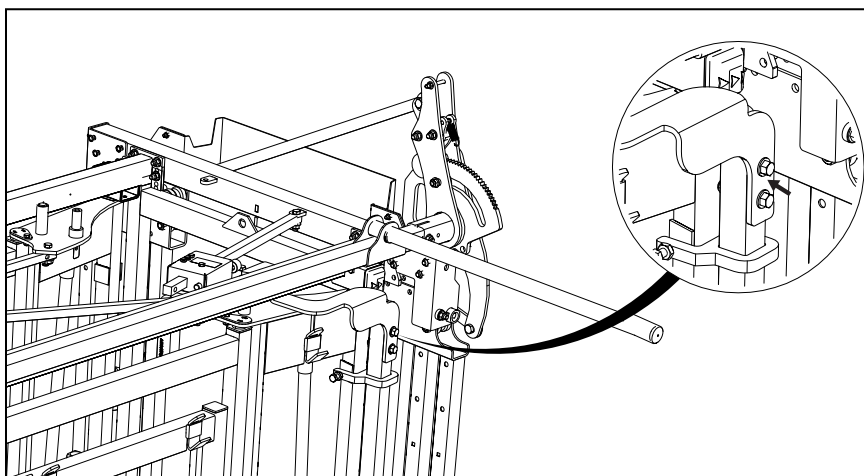
23. Swap the bolts as shown.



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.

3E HEAD GATE ADD-ONS

4TH GENERATION HEAD HOLDER

For complete information, read the 4th Generation Head Holder manual.

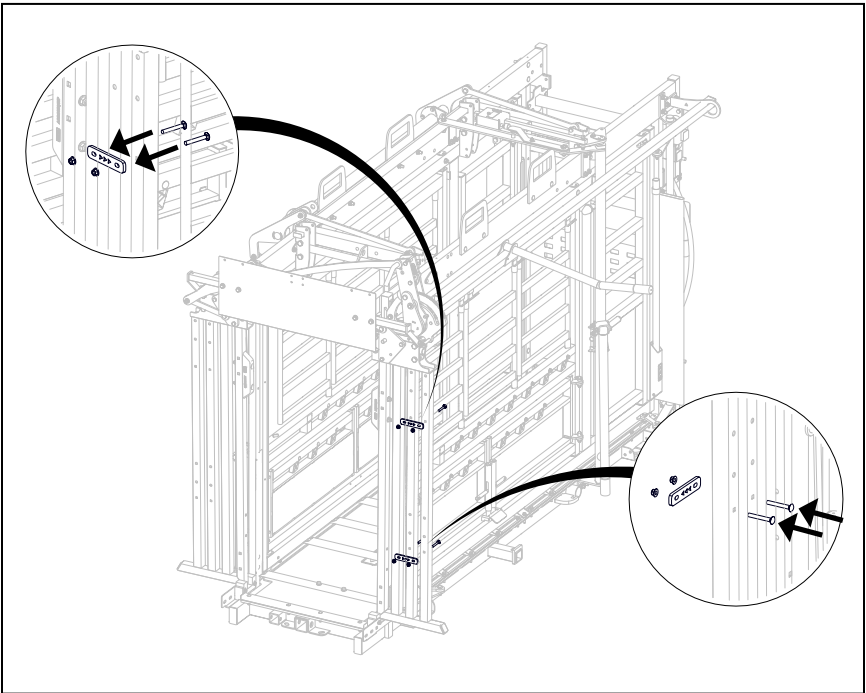
REQUIRED TOOLS:

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

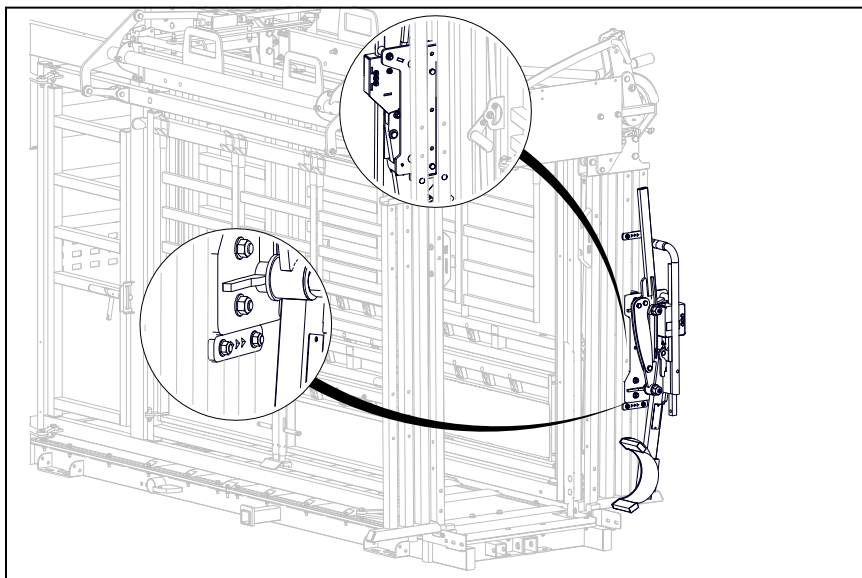
INSTALLATION:

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

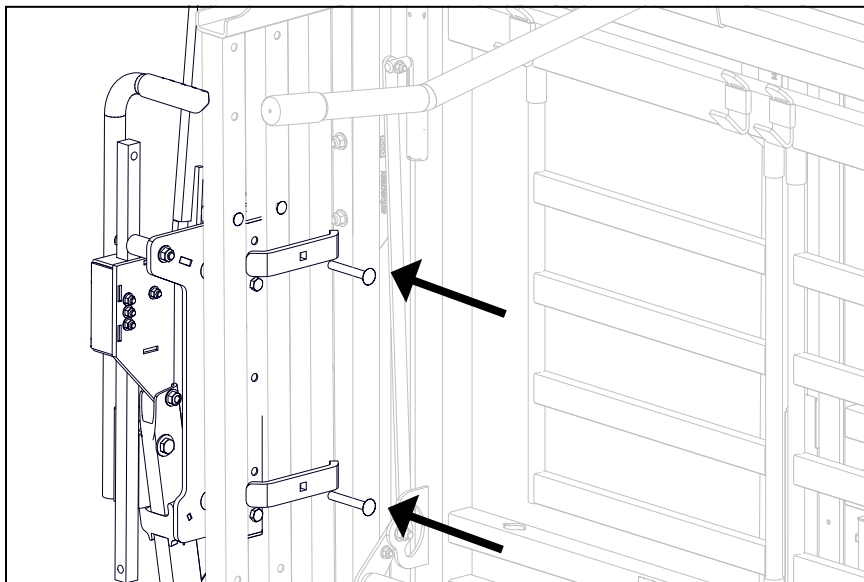
NOTE: DO NOT HOLD THE BOTTOM PLATE ON THE HEAD HOLDER WHEN ADJUSTING.



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 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 lock box shaft while opening and closing the head holder.

LUG POSTS

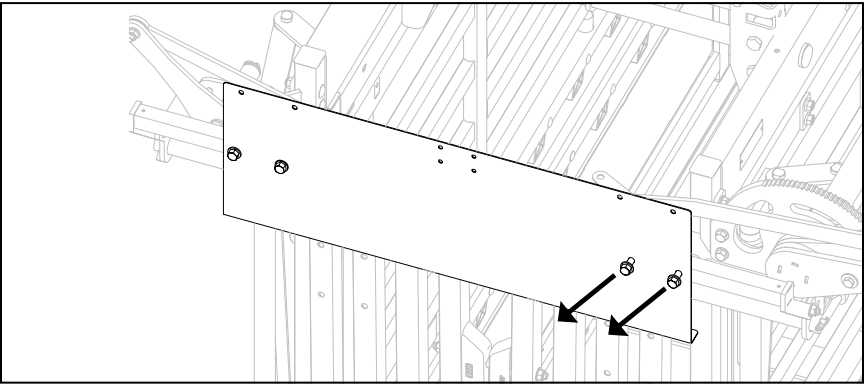
REQUIREMENTS:

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

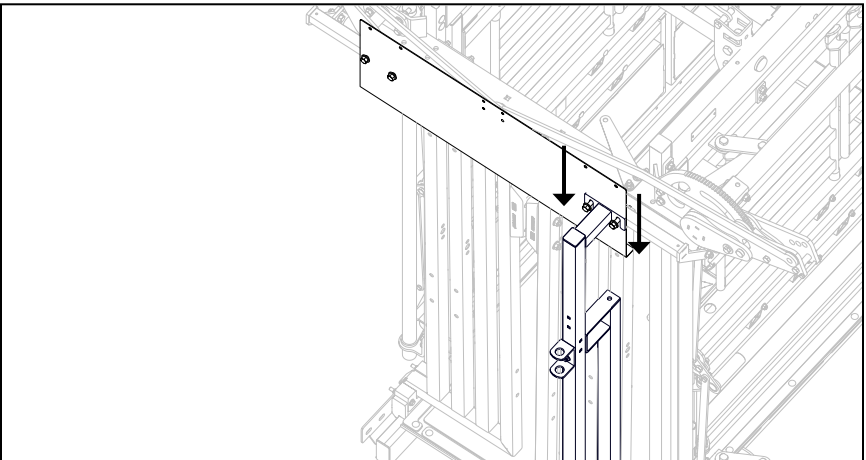
INSTALLATION:

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

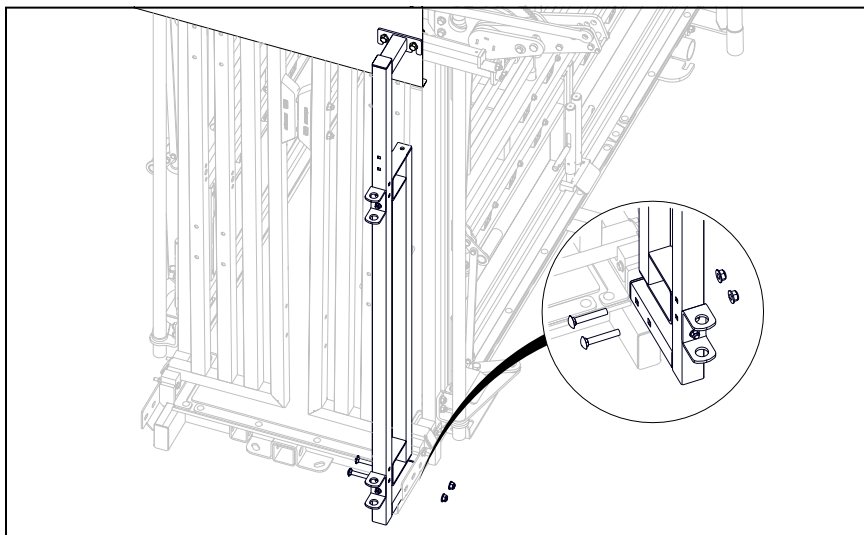
1. Loosen bolts holding decal name shield.



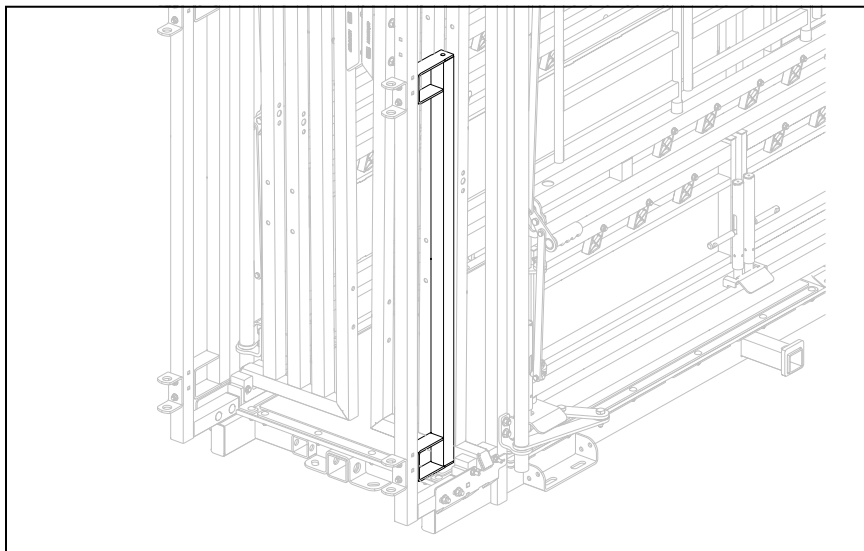
2. Slide Lug Post behind the bolt heads. Do not tighten.



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.

BALK GATE

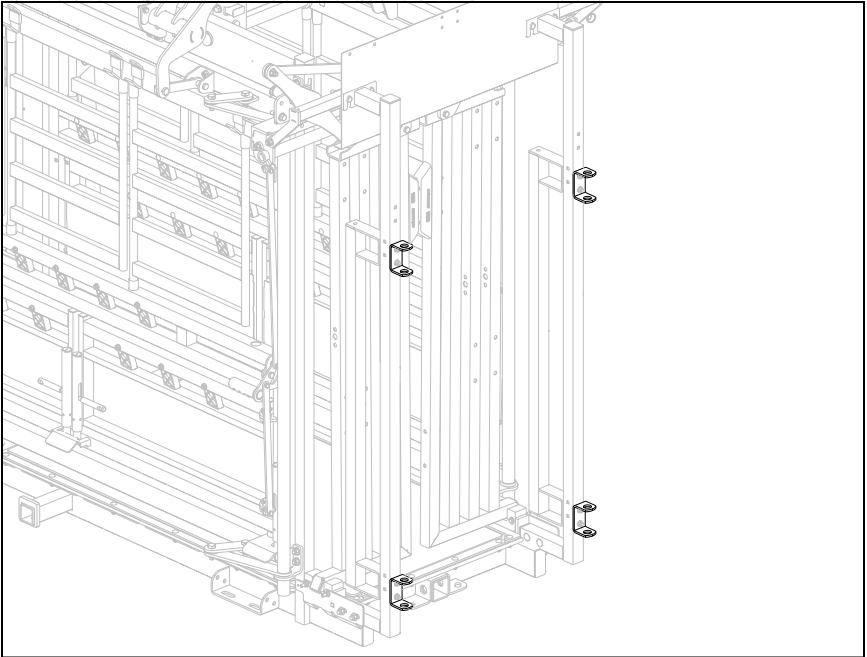
REQUIREMENTS:

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

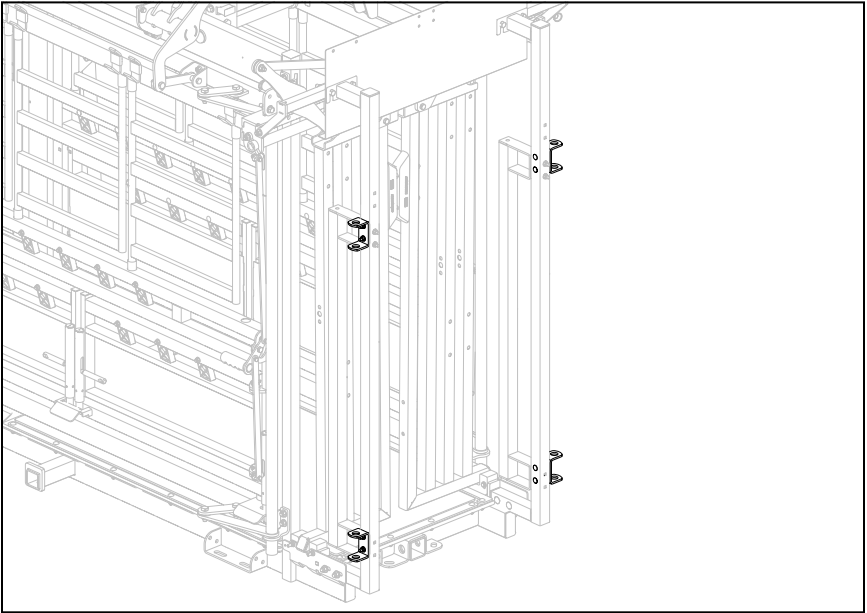
INSTALLATION:

NOTE: THE BALK GATE CANNOT BE INSTALLED WITHOUT LUG POSTS. FOR INSTALLATION, REFER TO LUG POST INSTALLATION.

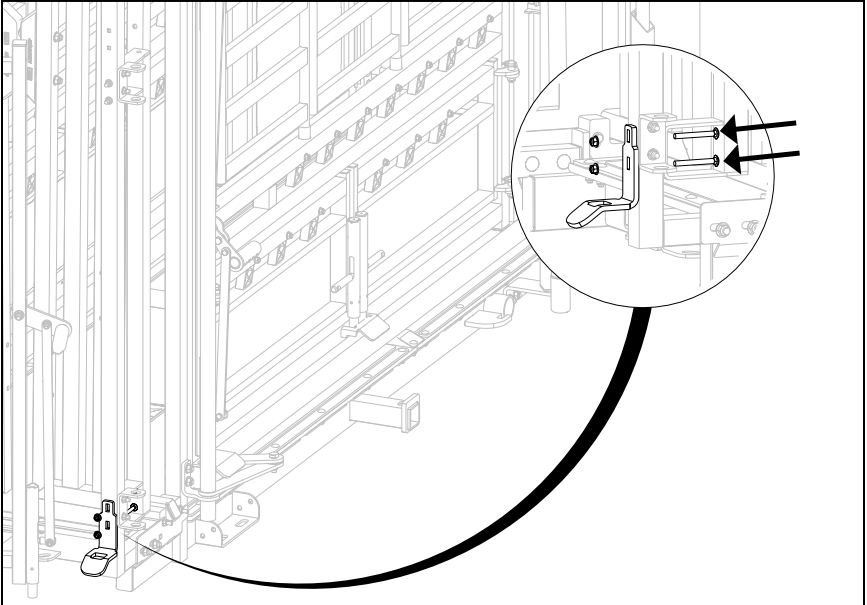
1. Remove front panel clips from front of Lug Posts.



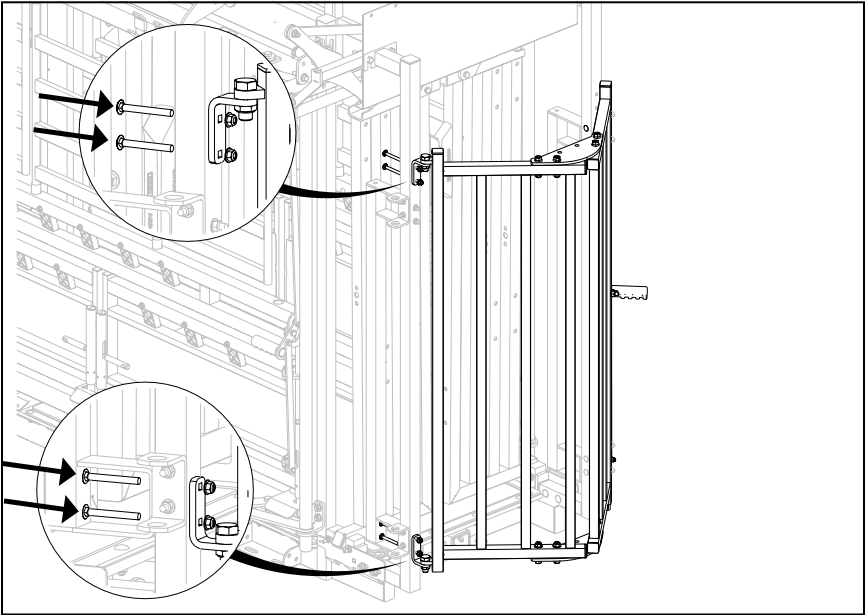
2. Attach panel clips to the side of Lug Posts.



3. Bolt on striker plate to the bottom of Lug Posts on working side.



4. Mount Balk gate and hinges to the front of offside Lug Post.



RECOMMENDED MAINTENANCE

If you have a problem with your 3E Arrowlock Head Gate, please consider the following tips or call us at 1-877-275-6075.

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 there is no tension on the Head Gate lock. When using the Head Gate, you should hear the lock clicking. If you don't hear the click:
 - a. Ensure bolts are not overtightened.
 - b. Ensure pivot points and locks are properly lubricated.
 - c. Ensure the spring is tight and installed properly.
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.

REGULAR MAINTENANCE (EVERY 6 MONTHS)

1. Inspect the Head Gate.
 - 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.
2. Clean bottom Head Gate door track to prevent dirt-build-up.

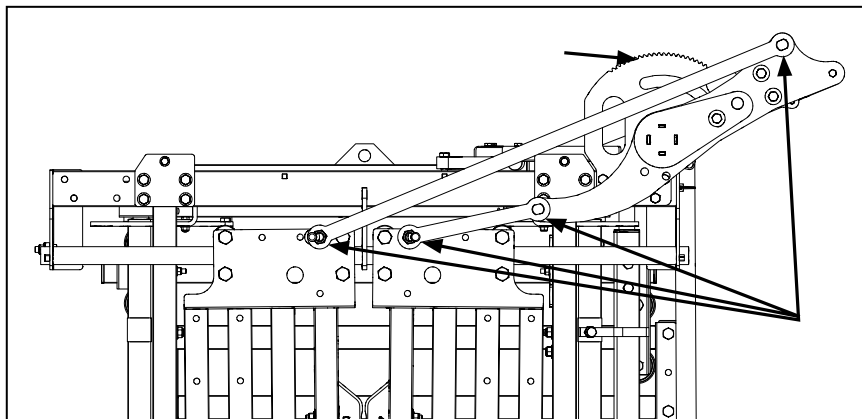
WHEN NECESSARY

If needed, clean and lubricate the Arrowlock track shaft.

- **TO CLEAN:** Use brake cleaner to remove build-up and degrease the shaft. Open and close (or squeeze and un-squeeze) to clean the entire shaft.
- **TO LUBRICATE:** Spray WD-40 Dry Lube on a rag. Open or squeeze. Wipe shaft. Close or un-squeeze. Wipe shaft. Open and close (or squeeze and un-squeeze) a few times to work the lubricant in.

WHEN NECESSARY:

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

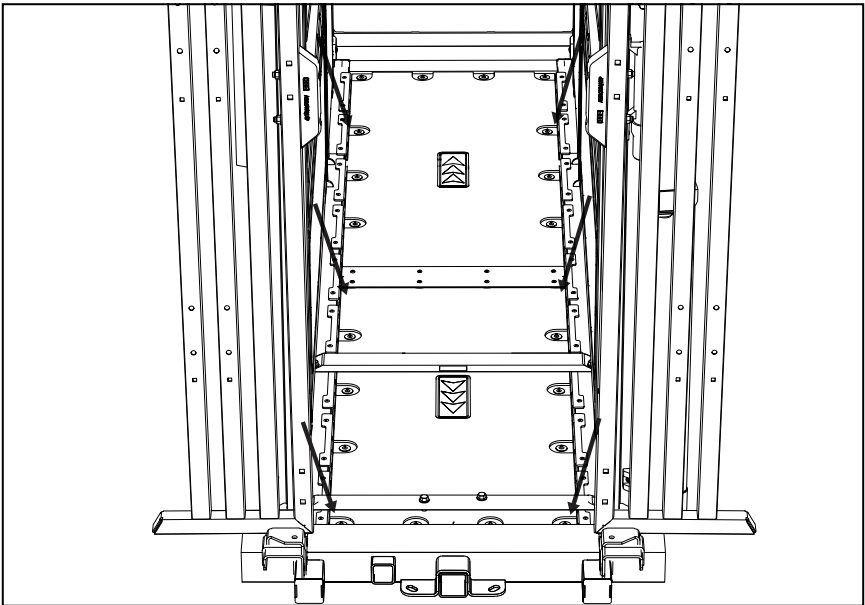


NOTE: Tube spacers are removed with the plastic spacers.

TROUBLESHOOTING GUIDE

If you have a problem with your 3E Arrowlock Head Gate, please consider the following tips or call us at 1-877-275-6075.

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 there is no tension on the head gate lock. When using the head gate, you should hear the lock clicking. If you don't hear the click:
 - a. Ensure bolts are not overtightened.
 - b. Ensure pivot points and locks are properly lubricated.
 - c. Ensure the spring is tight and installed properly.
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.
- Clean the chute floor. Excess build-up of manure or dirt inside the chute can cause the squeeze and head gate to malfunction.



- Check main squeeze and pivot bolt for wear.

ADD-ONS MAINTENANCE & SAFETY PRECAUTIONS

4TH GENERATION HEAD HOLDER

For complete information, read the 4th Generation Head Holder manual.

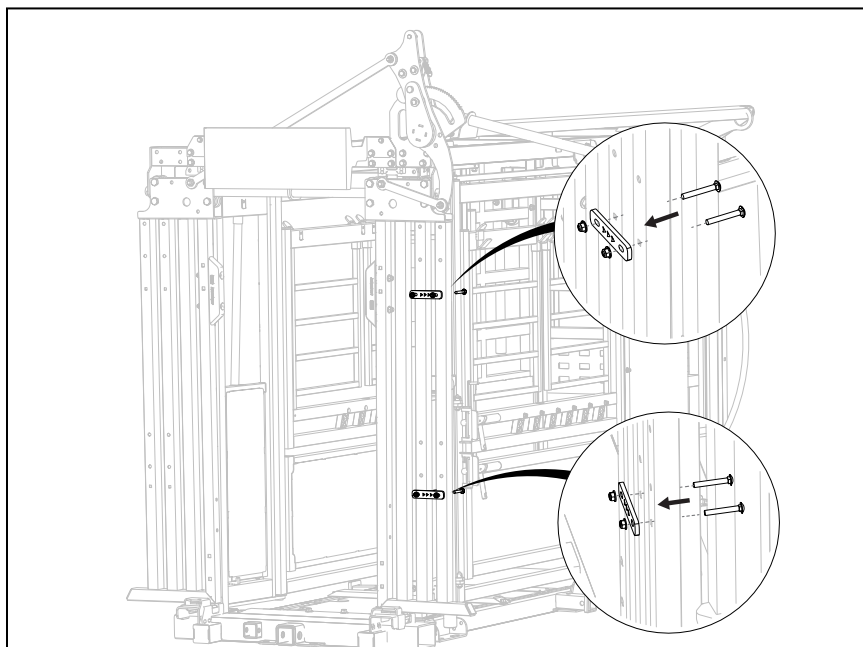
REQUIREMENTS:

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

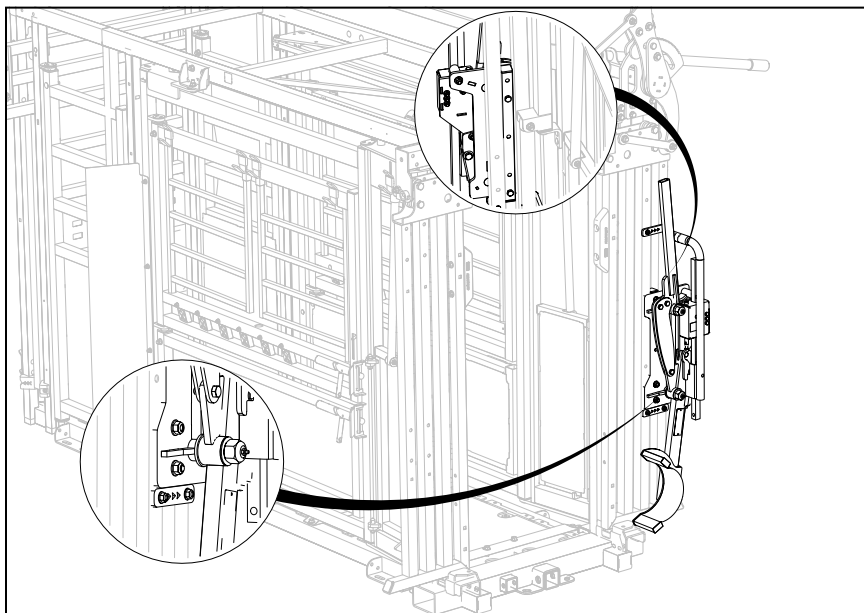
INSTALLATION

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

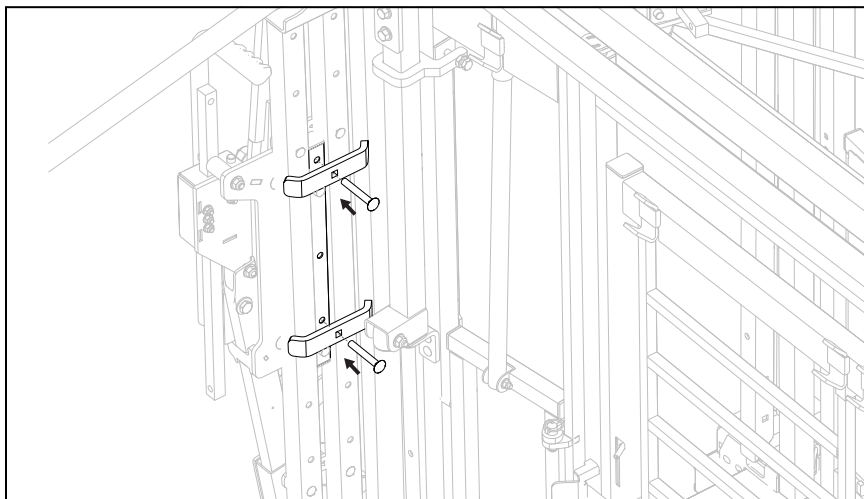
Note: **DO NOT** hold the bottom plate on the Head Holder when adjusting.



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 the Head Holder remains open until required to hold the animal's head.

MAINTENANCE:

1. Add grease throughout 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 lock box shaft while opening and closing the Head Holder.

LUG POSTS

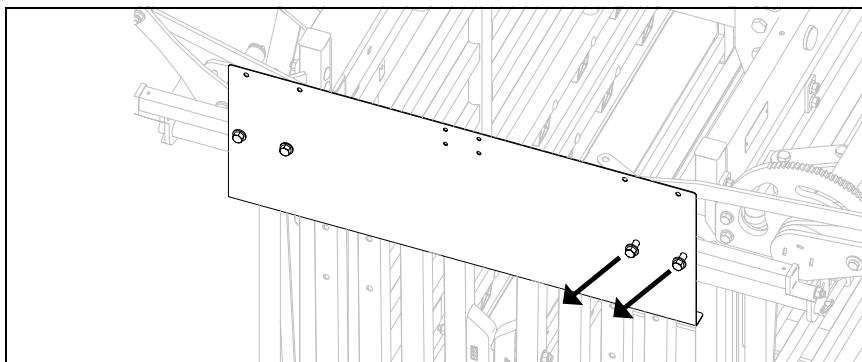
REQUIREMENTS:

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

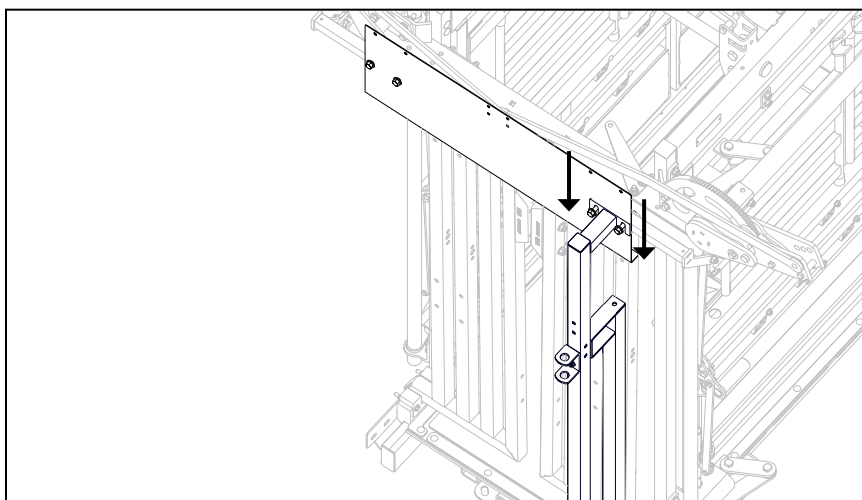
INSTALLATION:

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

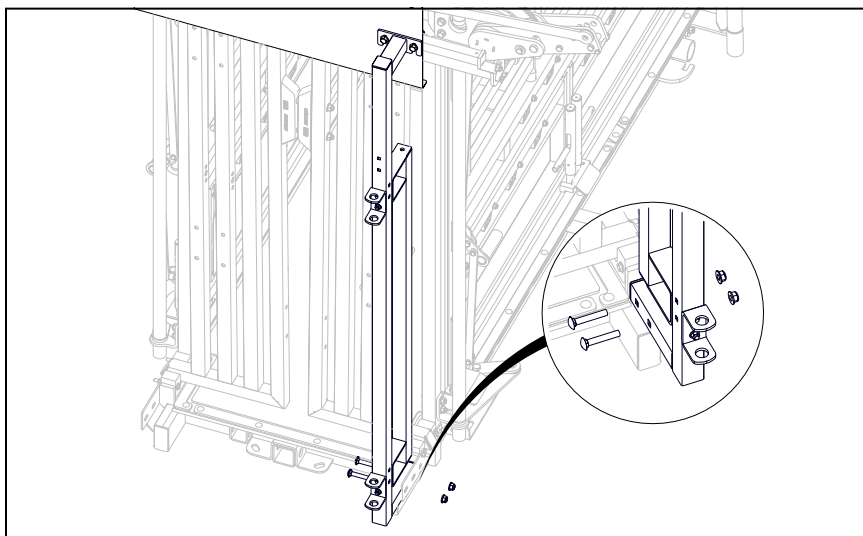
1. Loosen bolts holding decal name shield.



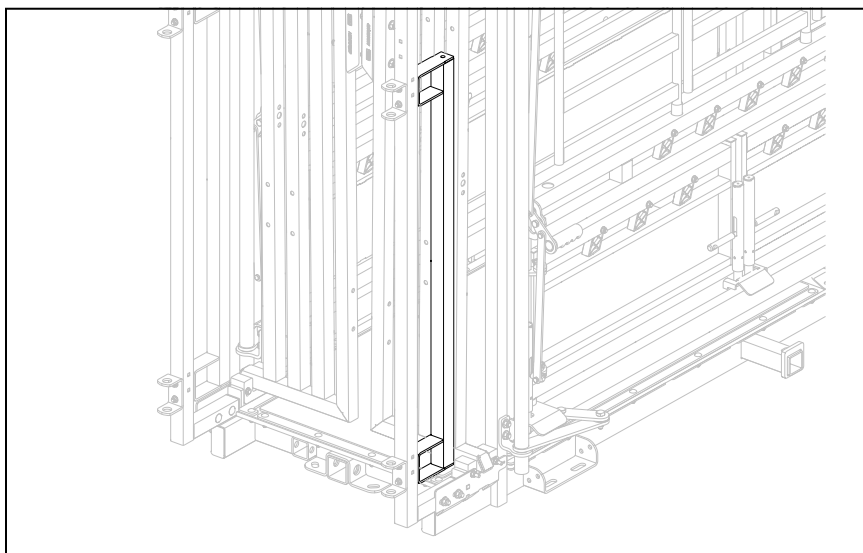
2. Slide Lug Post behind the bolt heads. Do not tighten.



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.

BALK GATE

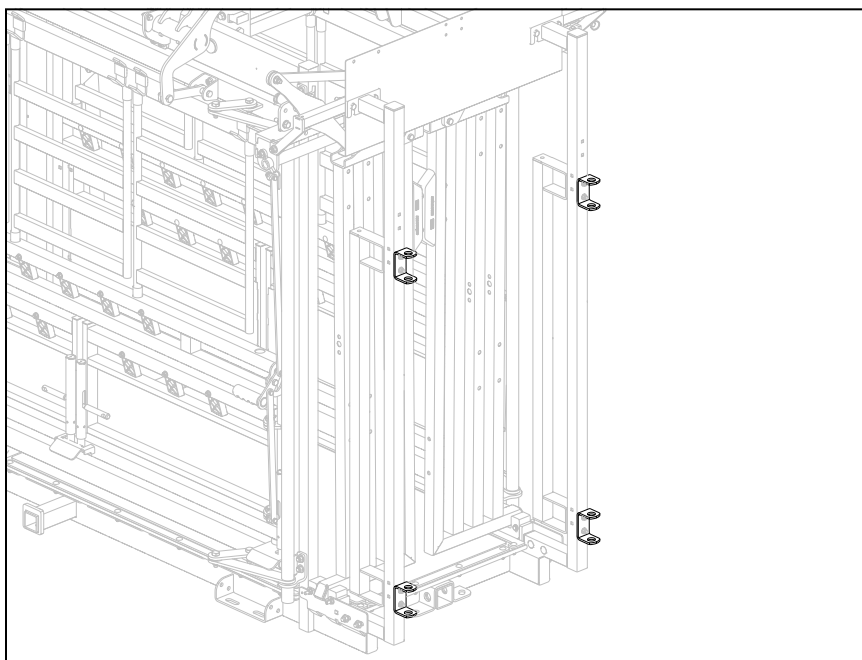
REQUIREMENTS:

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

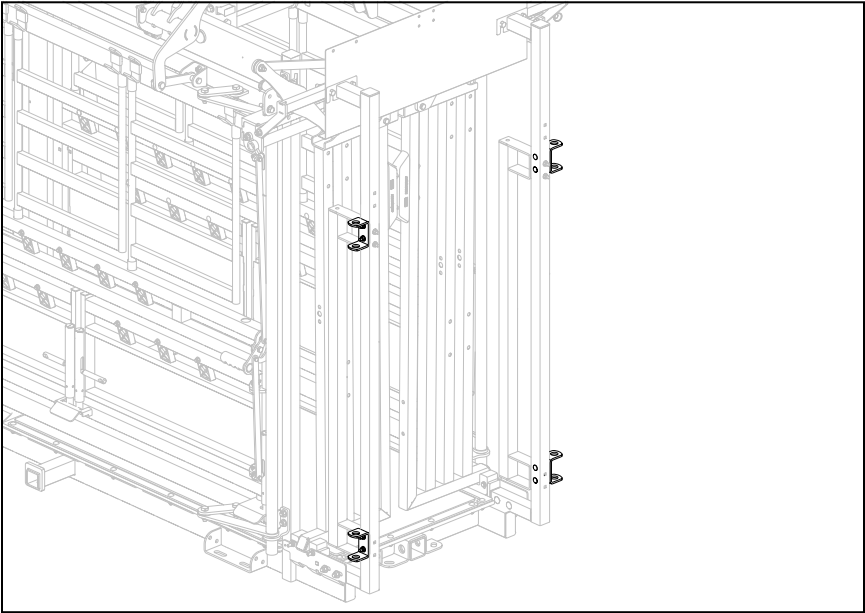
INSTALLATION:

NOTE: THE BALK GATE CANNOT BE INSTALLED WITHOUT LUG POSTS. FOR INSTALLATION, REFER TO LUG POST INSTALLATION.

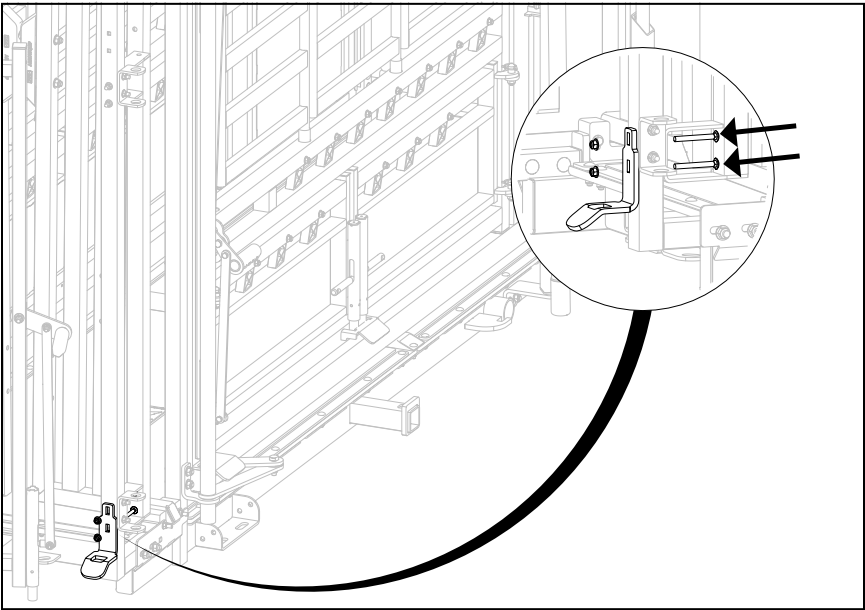
1. Remove front panel clips from front of Lug Posts.



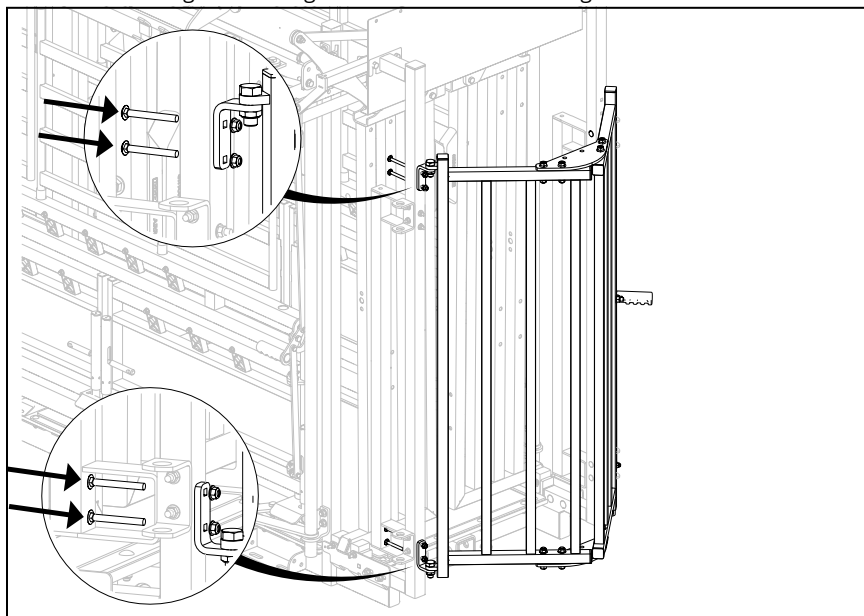
2. Attach panel clips to the side of Lug Posts.



3. Bolt on striker plate to the bottom of Lug Posts on working side.



4. Mount Balk gate and hinges to the front of offside Lug Post.



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**

arrowquip.com

