



"Made by Ranchers for Ranchers"

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OPERATOR INSTRUCTION

PRIEFERT MODEL 91 AUTOMATIC/MANUAL HEADGATE

MANUAL OPERATION

1. Turn **automatic selector lever (#9)** toward rear of gate, disengaging it from **operator's handle (#8)**. This lever is located at the top back corner of the gate above the operator handle.
2. The gate's **latch boxes (#1)** (locking mechanism) are automatically disengaged when the handle is raised. This allows for opening the gate to a desired opening.
3. Catch cow by opening the gate just wide enough for animal's head to enter; as the cow's head enters, pull handle down locking animal's neck. Use same procedure for horned cattle, allowing more time for cow to enter. HINT: Stop horned cattle prior to letting them put their head in the headgate.
4. To release cow, simply raise **operator handle (#8)** and open gate fully, allowing cow to walk through the Headgate.

AUTOMATIC OPERATION

1. Turn **automatic selector lever (#9)** forward to engage it into notch in **operator handle (#8)**. This lever is located at the top back corner of gate (same lever mentioned in sentence #1 under manual operation).
2. Open the Headgate to a width just wider than the cow's head. (Do not be misled by "ears"!) Raise the **automatic trip control handle (#5)** (red gripper handle), located on the top front-side of the headgate. Slide this handle it toward you, thus positioning the **automatic slide tube (#3)** into position, which aligns the peg on the yoke nearest the operator with the appropriate slot. Now, while holding the **automatic trip control handle (#5)** "up", allow the gate to close until the **automatic slide tube (#3)** is resting between the pegs, thus holding the yokes just wide enough apart for the cow's head to enter, but not wide enough for her shoulders to get through. (NOTE: Recommended settings are 1) slot farthest away from operator is best for small calves, 2) middle slot is for yearlings 3) slot nearest operator is for average cow, and 4) position the setting bracket "end-to-end" between pegs to catch a large cow or bull).
3. Now the gate is set and ready to catch the cow. Stand back or prod the cow up the crowd alley toward the Headgate; as her head enters the gate and she attempts to force her way through, her shoulders apply pressure on the yokes. The trip mechanism then releases the gate to shut on animal's neck, preventing her from backing out of the Headgate. To make the Headgate trip easier, you may want to "hair trigger" it by just catching the edges of the pegs in the slots when using the automatic feature on small calves and unusually gentle animals.

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INSTALLATION

Mount Headgate on the ground. The holes in gate mounting brackets will accommodate ½" bolts. Do not use lag screws. (DIMENSIONS: Inside holes are 33" apart and outside holes are 36" apart, horizontally; top holes and bottom are 61 ¾" apart, vertically.) **Note:** If mounting on cross ties or large posts, it will be necessary to notch the post on operator's side to allow for automatic selector lever in manual position.

LUBRICATION

LUBRICATE ANY and ALL WORKING PARTS with light oil at the beginning of each workday for best performance! It is especially important to lubricate the locking mechanism inside the **latch box (#1)**.

INSTRUCTION FOR REVERSING HEADGATE OPERATION

TO REVERSE HEADGATE OPERATION FROM THE LEFT SIDE TO RIGHT SIDE FOLLOWING THESE INSTRUCTIONS. (**Note:** ALL HEADGATES ARE SHIPPED FROM THE FACTORY WITH THE CONTROLS ON THE LEFT SIDE. Also, when referring to the left or right of the Headgate, consider how the animal stands in the Headgate – “their right or their left.”

1. Remove **operator handle (#8)** by removing two ½” bolts and reattach handle to right side of Headgate.
2. Remove **automatic selector lever (#9)** by loosening and removing eyebolt from the lower end of the 10” spring. Now pull selector lever out through the top of the gate. Reinstall on right side by reversing this procedure. NOTE: You will need a screwdriver to stretch the 10” spring in order to get the eyebolt into bottom bracket.
3. Disconnect the **automatic slide rod (#4)** from one end by removing the lynch pin and sliding the rod out of the holes. Now slide the **automatic slide tube with setting slots (#3)** off of the **automatic slide rod (#4)**. Reverse the **automatic slide tube with setting slots (#3)** by turning the **automatic slide tube** end-for-end, and slide tube back onto the **automatic slide rod**. This process will have the **automatic trip control handle (#5)** pointed toward the “inside” of the Headgate. The handle will be turned “up”. To position it “down”, loosen the locking nut that holds it locked in that position. Now, rotate the handle “down” and retighten the lock nut.

TROUBLESHOOTING:

PROBLEM

Gate does not work smoothly.

Gate failure to stay locked.

Gate hangs in open position.

Gate is slow to close in automatic position, or does not close and cow backs out.

SOLUTION TO PROBLEM

1. Clean and lubricate all moving parts.

1. Lubricate latch boxes with WD40.

2. Be sure handle falls freely from unlocked position to lock position. If not bolts on lift arms may be too tight. Handle must fall freely in order for lock to hold.

3. Call 800-527-8616, Toll Free.

1. Lubricate top rollers and all pivots and slides.

1. Be sure automatic selector is engaged in notch of operator handle.

2. Lubricate all moving parts.

3. If necessary, tighten springs at eye bolt to desired tension.

4. Check automatic slide rod to be sure it is straight. If not, straighten it or replace it. If automatic slide rod is bent, the setting slot will not release; therefore, the gate can not close.

5. Lubricate slide rod.



1-800-527-8616