



“Innovation for Horse and Owner”

CONTROL FEEDER INSTALLATION INSTRUCTIONS

Mounting on Wooden Walls:

The CONTROL FEEDER is designed to be mounted in the corner of a stall or wooden fence with the two 3/8" x 2 1/2" lag bolts, two 3/8" washers and one Z-bracket (supplied).

You will need the following tools:

- Electric Drill, 1/4" bit, phillips head driver
- 9/16" socket and ratchet
- Pencil
- Tape Measure

- 1.) In the corner you have chosen, make a mark at the level you select for the top of the feeder above the stall floor.
- 2.) Measure down from mark 26" and install the Z-bracket between 10" to 15" out of the corner with the two wood screws. You want the front to be high enough that your horse cannot step into the feeder.
- 3.) Remove the disk.
- 4.) With the lid in the closed position, lift the feeder into position with the top being a few inches above your mark. Make sure feeder is seated flat against the corner walls and let it slide down onto the Z-bracket.
- 5.) While pushing the feeder flat against the wall, mark the two mounting-hole positions.
- 6.) Set the feeder aside and drill a 1/4" pilot hole at each mark.
- 7.) Without the feeder in position, start the lag bolts in the 1/4" holes using a 9/16" socket and ratchet, making sure the bolts are starting to grab into the wooden walls. Do not tighten all the way (this is just to make starting them easier on the final steps).
- 8.) Remove the lag bolts and put the washers on them. Place bolts with washers and socket and ratchet into the feeder's hay well for easy access.
- 9.) Lift the feeder into position on the Z-bracket. Push against feeder body to hold it in position against the wall.
- 10.) Start one lag bolt with washer using the socket and driver into one of the started holes you created in Step 7. Tighten 1-2 turns then start the second lag bolt and tighten 1-2 turns.
- 11.) Make sure the feeder is seated properly against both walls and tighten both lag bolts snugly against stall wall.
- 12.) The 1" silver carriage bolt is to be placed in the hay well drain hole to keep grain from falling out if you feed grain in the control feeder.

That's it!

Mounting in cement block or masonry:

NOTE: Warm Springs Products does not supply wall anchors for masonry fastening simply because there are many types and styles. Your local hardware supply can help you decide on the type of fasteners that are the most suitable and secure for your situation. We highly recommend that on your trip to the hardware store, that you take one of the lag bolts and one of the wood screws supplied with the feeder to ensure they will fit your choice of fasteners.

You will need the following tools:

- Fasteners for cement or masonry (not supplied)
 - Electric Drill and proper size masonry bit for fasteners you selected
 - 9/16" socket and ratchet
 - Tape Measure
 - Pencil
- 1.) In the corner you have chosen, make a mark at the level you select for the top of the feeder above the stall floor.
 - 2.) Measure down from mark 26" and install the Z-bracket between 10" to 15" out of the corner with the two wood screws and (masonry fasteners). You want the front to be high enough that your horse can not step into the feeder.
 - 3.) Remove the disk.
 - 4.) With the lid in the closed position, lift the feeder into position with the top being a few inches above your mark. Make sure feeder is seated flat against the corner walls and let it slide down onto the Z-bracket.
 - 5.) While pushing the feeder flat against the walls, mark the two mounting-hole positions.
 - 6.) Drill the recommended size hole for your fastener.
 - 7.) Install fastener.
 - 8.) Put the washers on the lag bolts. Place bolts with washers and socket and driver into the feeder's hay well for easy access.
 - 9.) Lift the feeder into position on the Z-bracket. Push against feeder body to hold it in position against the wall.
 - 10.) Carefully start one lag bolt with washer using the socket and ratchet into one of the masonry fasteners. Tighten 1-2 turns then start the second lag bolt and tighten 1-2 turns. Make sure fasteners are not pulling out of masonry wall.
 - 11.) Make sure the feeder is seated properly against both walls and tighten both lag bolts snugly against stall wall.

Mounting with Optional Stand:

You will need the following tools:

- Control Feeder Stand
- Electric Drill and Screwdriver
- Two 2x4 wood pieces
- Optional: $\frac{3}{4}$ " hose cut to desired length to extend out of stall

1.) The stand needs to be bolted to the feeder with the three $\frac{1}{2}$ " black carriage bolts, washers and nuts, which are supplied.

2.) The rounded head of the bolt shows on the outside of the feeder. When the nut is tightened, the bolt will seat snugly against feeder. Put one washer and one nut on each carriage bolt and tighten.

NOTE: The Z-bracket is not used when the feeder is installed with the stand. We prefer that the feeder and stand are mounted above the stall floor. We have found in our testing that setting the assembled stand and feeder on a temporary spacer, such as the $3\frac{1}{2}$ " edge of a 2x4, works well for most horses.

3.) Temporarily attach a couple of 2x4 pieces in the corner. They can be removed when installation is complete.

4.) At this time determine if you need or want to extend the drain at rear of the stand. A $\frac{3}{4}$ " hose will fit over the $\frac{1}{2}$ " IPT threads of the 90 degree plastic fitting.

5.) Set feeder with bolted-on stand on the temporary 2x4 spacers. This allows the feeder and the stand to be suspended above the stall floor and will make cleaning the stall easier, as well as help keep shavings out of the storage area.

6.) Remove the disk.

8.) With the lid in the closed position, lift the feeder and bolted on stand into position on top of the 2x4's. Make sure feeder is seated flat against the corner walls

9.) While pushing the feeder flat against the wall, mark the two mounting-hole positions.

10.) At this point refer to the final steps of either the wooden wall or masonry wall instructions and complete the installation.

REMEMBER!! Don't forget to reach inside the stand and connect the drain hose in the stand to the connector on the bottom of the feeder (this is a standard garden hose fitting; just make sure you don't cross-thread so that you get a water tight seal). Hand tighten.

IDEA: A small flashlight stored in the front of the included $5\frac{1}{2}$ " x 10" storage tray is a handy item for finding what you are looking for in the storage area.

Mounting to a wooden fence rail with the Optional Fence/Wall Bracket:

We have an optional Stainless Steel Fence/Wall Bracket so that the feeder can be secured to a horizontal board or fence rail. We recommend mounting the feeder near a post to minimize movement.

You will need the following tools:

- Stainless Steel Fence/Wall Bracket
- Electric Drill and/or Screwdriver
- Lag Bolts and/or Machine Bolts
- Tape Measure
- Pencil

- 1.) The distance from the support surface of the Z-bracket to the mounting holes on the fence bracket is 14". Lay out this distance between the fence rails so that the fence/wall bracket and the Z-bracket will mount securely on the rails or wall. Remember not to mount the feeder too low for large horses so they won't step into the feeder.
- 2.) After your layout, mount the Z- bracket first to the fence/wall with one of the wood screws.
- 3.) Plumb the Z-bracket and install the second wood screw.
- 4.) Measure up from Z-bracket 14"and mark.
- 5.) Center feeder bracket above Z-bracket on 14" mark, level bracket and mark the 2 mounting holes.
- 6.) Mount bracket with proper lag bolts or machine bolts (*not supplied*) to fence or wall.
- 7.) Take disk out of feeder and set feeder on Z-bracket.
- 8.) Put ½" carriage bolt through mounting holes from inside feeder, and then through holes in mounting bracket.
- 9.) Thread on ½" nut and tighten snugly.