

ASSEMBLY INSTRUCTIONS

Sheeted Sweep Pen

THANK YOU FOR PURCHASING THIS PRODUCT
For questions about this product, or parts inquiries,
please contact our Customer Service Center listed below.

Hardware Pkg.
46160118

Part No.	Components	20'	30'	40'
46168722	Arch & Strap	2	3	4
46160212	Center Hinge Post	1	1	1
46160222	10' Sweep Gate	1	1	1
46160232	10' Curved Panel	2	3	--
46160252	7' Straight Panel	1	1	--
46160262	Latch & Handle	1	1	--
46110042	Panel Adapter Bracket	1	1	--
46110032	Panel Adapter Rod	2	2	--
	Bolt Package	2	2	--
46160032	Optional 10' Straight Panel			



Sweep Pen Capacity Per 1000 lbs. animal

- 2 Panel or 1/3 circle - 10
- 3 Panel or 1/2 circle - 14
- 4 Panel or 2/3 circle - 18

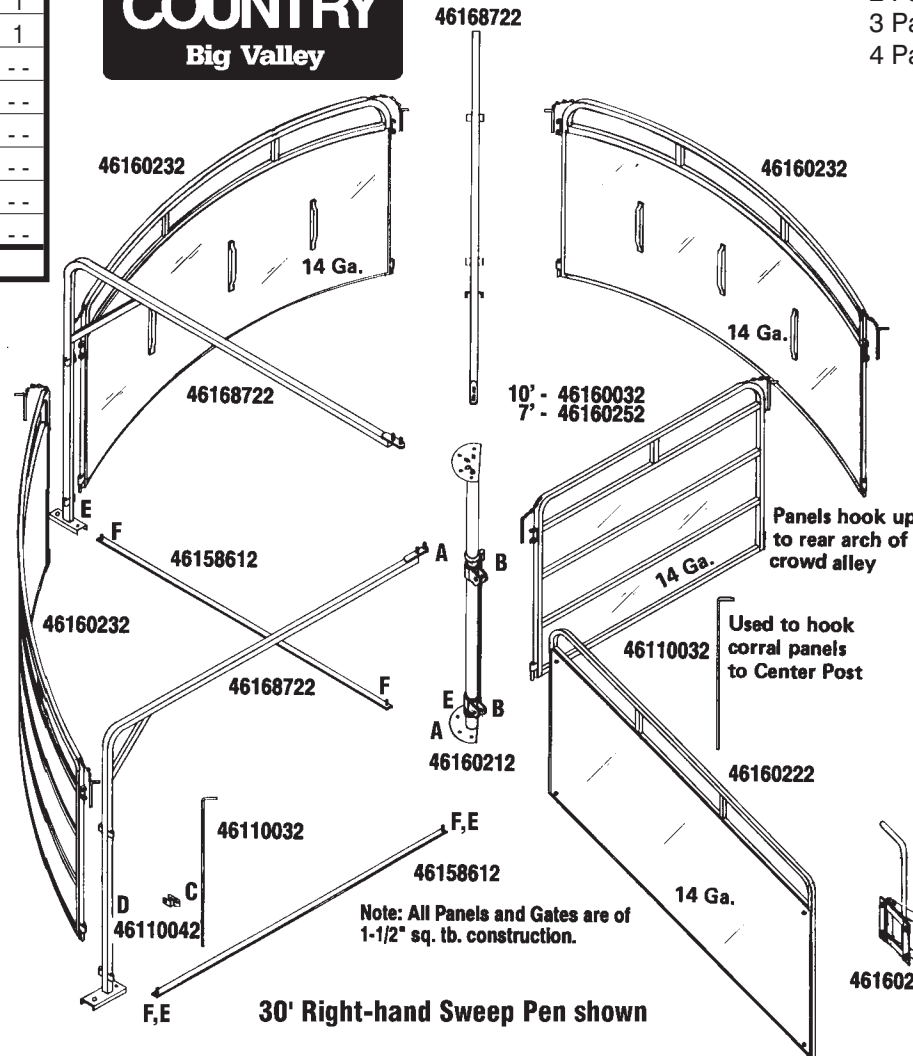
SET-UP INSTRUCTIONS

- Step 1:** Determine left or right-hand.
- Step 2:** Lay sweep pen center post (46160212) on the ground and bolt on arch and strap (46168722) to the post, using bolts supplied on the pieces.
- Step 3:** Bolt second arch and strap (46168722) in upright position.
- Step 4:** Set center post (46160212) and arches (46168722) in upright position.
- Step 5:** Hang a curved panel (46160232) between the arches (46168722).
- Step 6:** Bolt another arch and strap (46168722) to central post (46160212) leaving bolts loose.
- Step 7:** Repeat Steps 5 & 6 as needed.
- Step 8:** After all curved panels (46160232) have been set in place, tighten all bolts.
- Step 9:** Bolt 10' sweep gate (46160222) to the center post (46160212) using (2) 3/4" x 3" bolts with flat washers, nuts and jam nuts.
- Step 10:** Bolt latch (46160262) to gate (46160222).

Bolt Schedule N.C.		
Location	Description	Qty.
A	3/4" x 3-1/2" Bolt	2
B	3/4" Jam Nut	2
C	3/8" x 3" Bolt	1
D	3/8" Nut	1
E	1/2" Nut	6
F	1/2" Carriage Bolt	6

Features:

- Reversible left or right-hand setup
- Sheeted sides are 4'-6" high
- Sweep Pen can be disassembled for portability or anchored to concrete for stationary unit

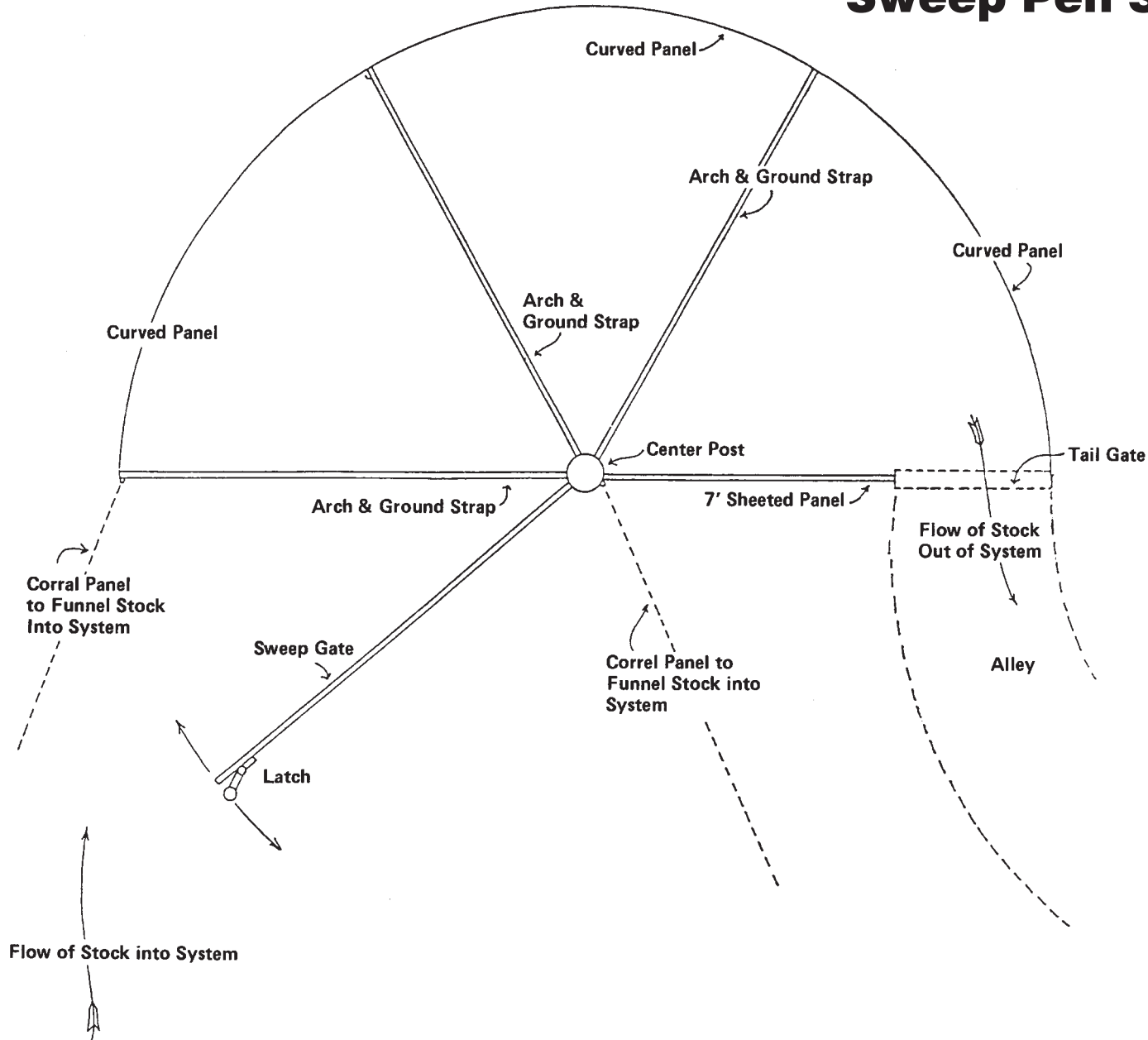


CUSTOMER SERVICE CENTER

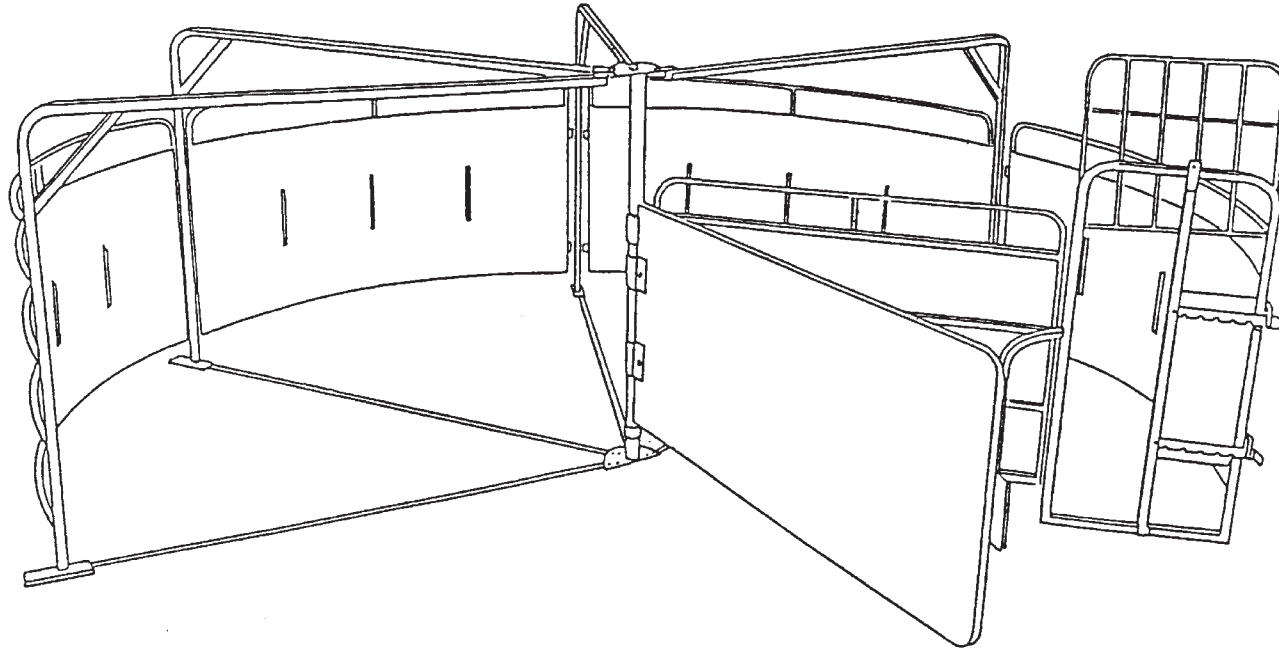
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Finished 3 Panel Sweep Pen System



Finished 4 Panel Sweep Pen System



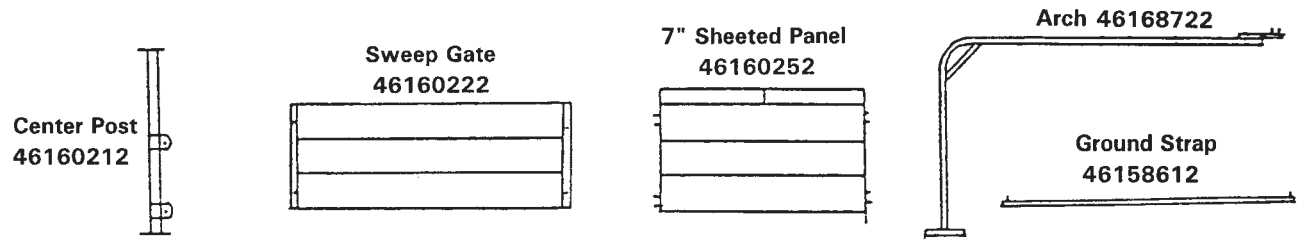
This diagram shows a completed 4 panel (40') Sweep Pen with a Tailgate Arch (the Arch is part of the Crowd Alley).

It is possible to assemble these parts so that the cattle will flow the opposite direction. It involves moving the arch to the other side of the sweep pen, unbolting the fender and adjusting levers, attaching them on the other side of the Arch, moving the 7' sheeted panel, and hanging the gate from the opposite end. (That will also mean that the latch must be moved to the opposite end of the gate.)

ASSEMBLY INSTRUCTIONS

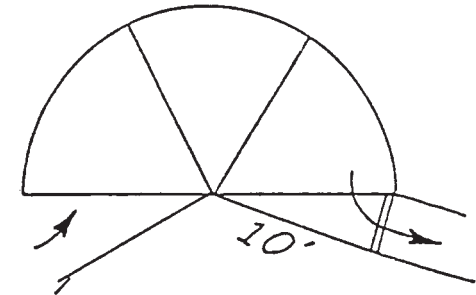
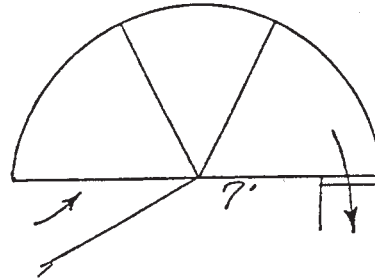
A Sweep Pen consists of the following parts:

- (1) Center Post
- (1) Sweep Gate 10' long, sheeted (identified by hinge holes)
- (1) 7' Straight Sheeted Panel (can also be 10' long, depending on design - see below)
- (1) Gate Latch
- Arches (3) for a 3 panel system, (4) for a 4 panel system, etc.
- Ground Straps - (1) for each Arch
- Curved Panels



3 panel system shown with a 7' straight panel. (Tailgate and alley not included with sweep pen.)

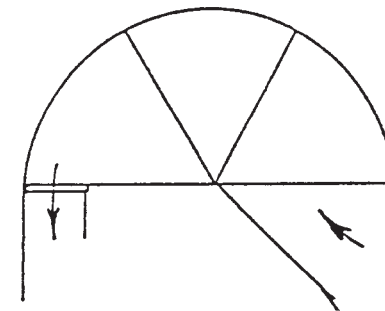
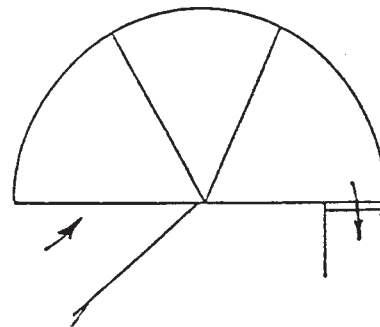
3 panel system shown with a 10' straight panel. (Tailgate and alley not included with sweep pen.)



NOTE: Big Valley Sweep Pens can be assembled as 2, 3 or 4 panel systems. A 3 panel Sweep Pen is a half circle. Also, these systems are reversible with no additional parts needed.

STEP ONE: Determine placement of system and flow of livestock.

A 3 panel system can be assembled in either direction.



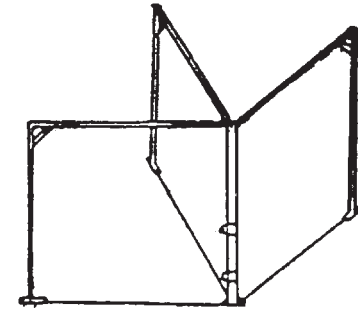
NOTE: If you have a known point (a loading chute or squeeze chute that is to be part of this system and it is permanent, start at this point and proceed backwards.

ASSEMBLY INSTRUCTIONS

STEP TWO: Assemble center post, arch and ground strap framework. Top and bottom of center post are similar. Hinges for sweep gate are close to the bottom. Ground straps extend out from center post to the bottom of the arches. Framework can be moved into position at this point.

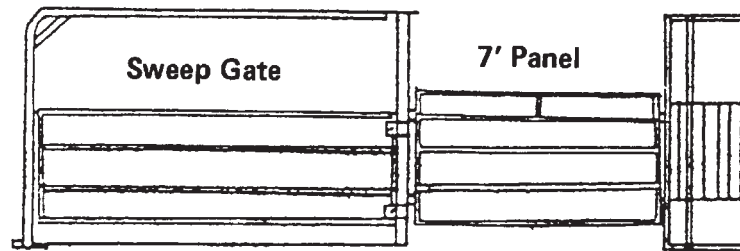
Note: Pins that are attached to chains on sheeted curved panels. Should have bent part of rod facing outward away from the inside of pen for animal safety.

STEP THREE: After framework is situated, install one sheeted curved panel closest to crowd alley arch.



STEP FOUR: Install 7' (or 10') straight sheeted panel. One end hooks into INSIDE set of loops on center post. Other end hooks to tailgate arch (if you are building crowd alley also).

NOTE: Curved panels for crowd alley are similar. Panels for sweep pen have cleats welded to the inside. These panels are easiest to install if the bottoms are hooked into place on both ends before the tops are pinned.



**Tailgate Arch
(Not included
With Sweep Pen)**

NOTE: The last panel does not have either an arch or ground strap. It is designed to be held in place by the 7' (or 10') straight sheeted panel and the tailgate arch. (Tailgate arch included with crowd alley.) If you are building a sweep pen only, at this point you will need to set posts and begin your own alley or corral system.

STEP FIVE: Install sweep gate with bolts provided. Also install latch. Both latch and gate are reversible.

NOTE: The smooth surface of all parts should be toward the inside.

STEP SIX: A small bracket is included with the system. It is to be bolted to the bottom of the arch where the cattle enter the system. Also included are two rods. By using the bracket, the rods, and the loops on the center post not used by the 7' sheeted panel, you can hook up two corral panels to funnel the cattle into the system.

