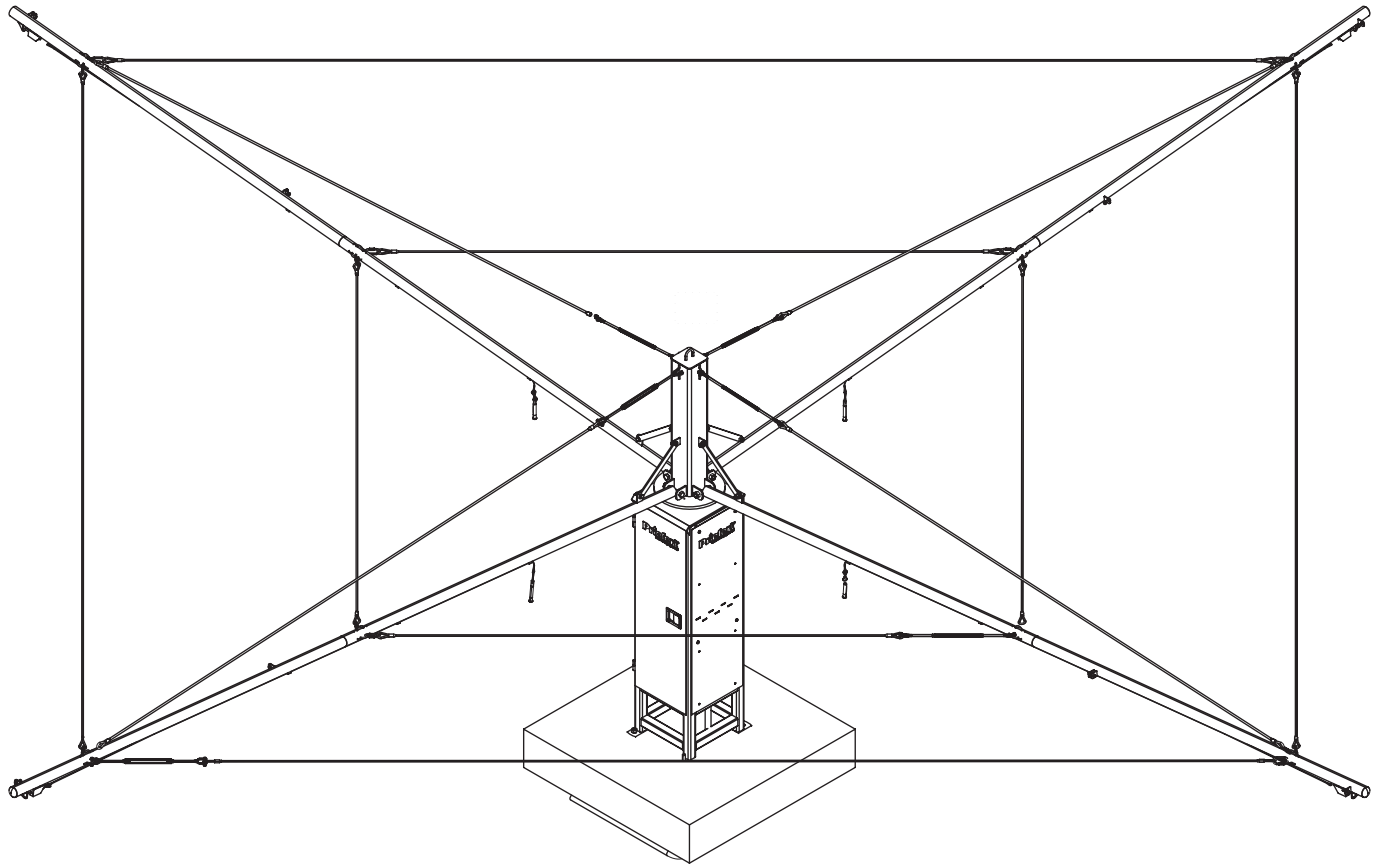


4-Horse Lead Walker

Installation Instructions

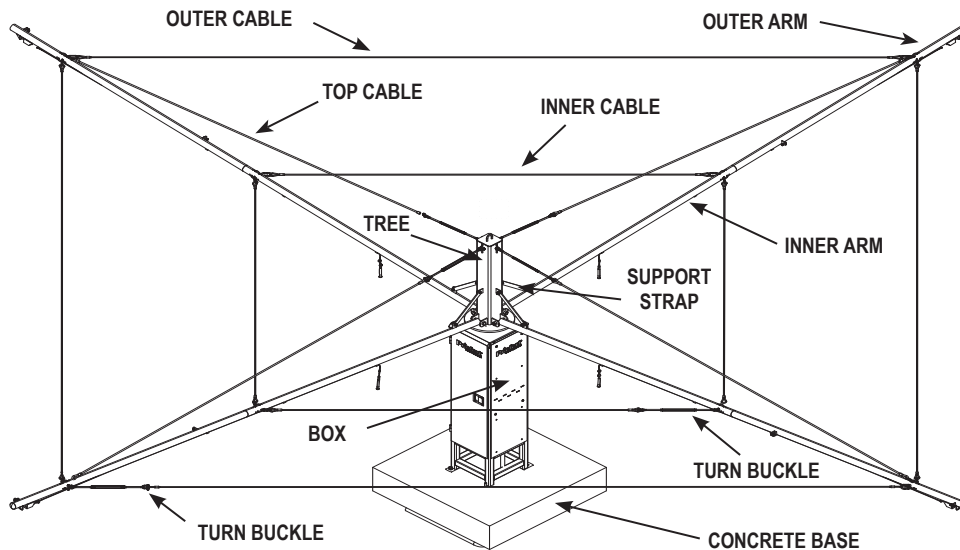


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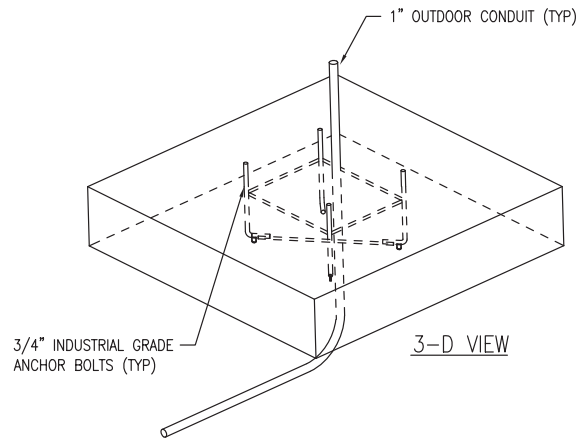
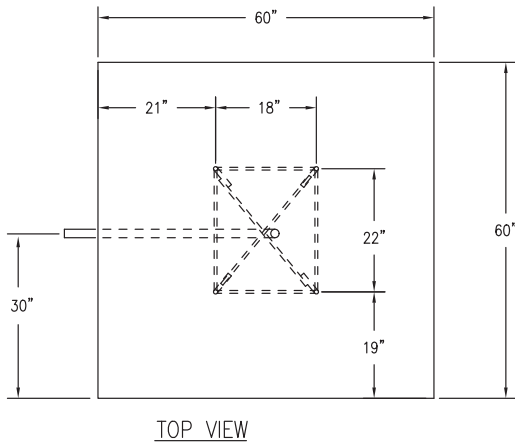
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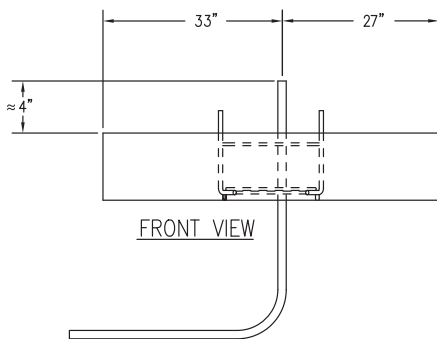
PART LISTING	QTY.		
Box	1	Main Shaft	
Tree	1		
Inner Arms	4	Box	
Outer Arms	4		
Support Straps	4	Tree	
Top Cables with Turn Buckle	4		
Inner Cables	3		
Inner Cable with Turn Buckle	1		
Outer Cables	3		
Outer Cables with Turn Buckle	1		
1/2" Shackles	4		
3/8" Quick Links	14		

Concrete Base Preparation

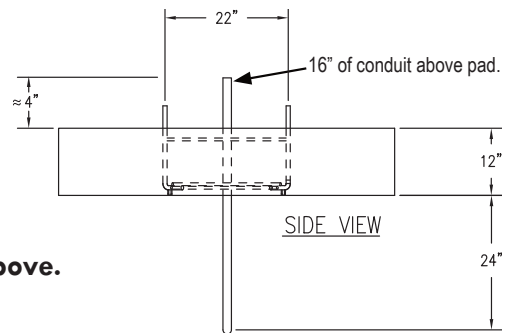


* Lead Walker Requires 240 VAC 30 Amps.

* Panel Walker Requires 240 VAC 30 Amps PLUS 120 VAC for fence charger.

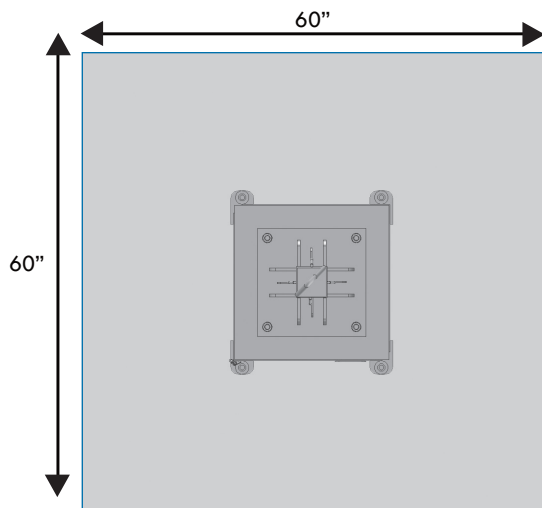


NOTE:
Top of pad should
be flush with ground or 1" above.

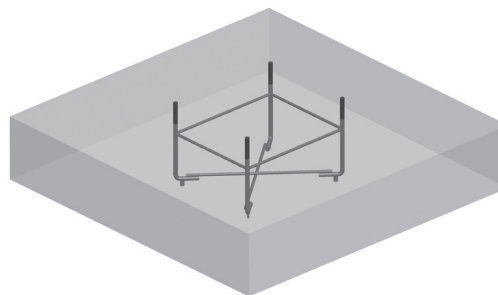
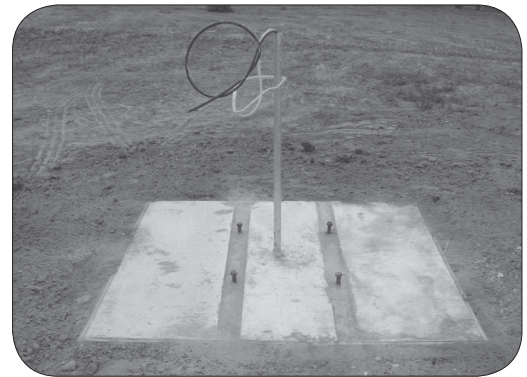


HORSE WALKER CONCRETE BASE DIMENSIONS

1. Concrete base should follow the above specifications.



We Strongly Recommend using the included
Structural Anchor Bolt Jig



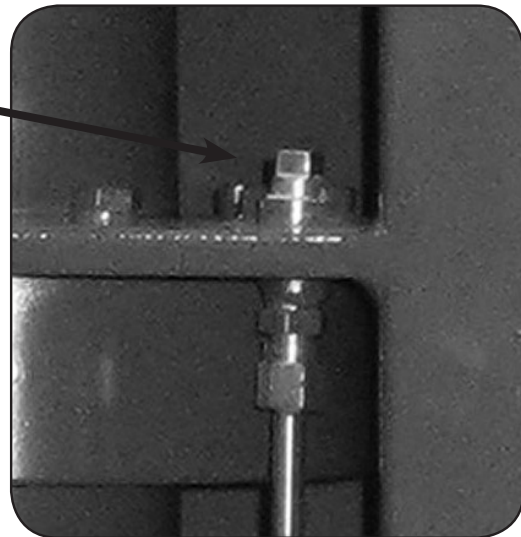
2. Walker Box will sit on an anchor bolt pattern of 18" x 22". The 18" side will be the front side with the door. Overall diameter of walker to the end of the arms is 40' 9.5" (20' 4 3/4" Radius) When placing the walker, keep the end of the arms 10 to 12 feet from any obstruction.

IMPORTANT: IF factory provided Anchor Bolt Jig is NOT used in installation, use INDUSTRIAL GRADE 3/4" anchor bolts.

Horse Walker Assembly

VERY IMPORTANT!

3. Plug must be taken out & breather installed before power is turned on. The breather is contained in the Control Panel with the Remote Control and Antenna.



The gearbox is pre-filled with oil. The oil type is Shell synthetic bearing & gear oil Omala RL150 or compatible.

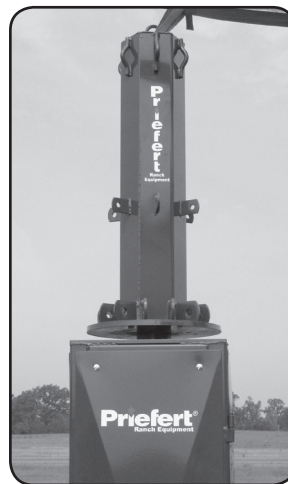
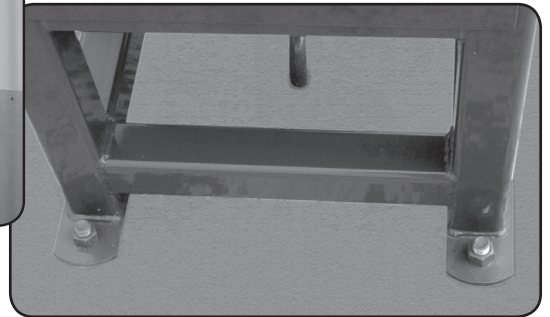


4a. To set the Box to the Concrete Base, attach a chain or strap to the lifting eyes on each side at the top of the Walker Box and raise the walker with a forklift or front end loader.

NOTE: The Box weighs approximately 1200 lbs. Be sure the equipment used for lifting the Box is able to handle this working weight.



Make sure the walker is level and put anchor bolt nuts on and tighten.

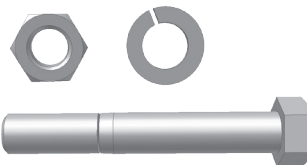


4b. To attach tree, use a chain or strap to lift tree from the lifting eye at the top of the walker tree. Pick up the tree and slide the tree over the main shaft. When the tree is all the way down, turn tree to make sure it slides down and locks in place on the main shaft.

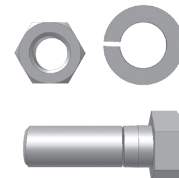
5a. Bolt all support straps (use two 5/8" x 1 1/2") bolts, nuts, and lock washers to the tree. Hand tighten. Turn support straps up against the tree.



5b. To install the arms of the walker, attach the inner arms to the tree with the 7/8" x 5" bolts provided. Raise the inner arm and bolt it to the support strap with the 5/8" x 1 1/2" bolts.



7/8" x 5" Bolts used to attach inner arm to Horse Walker tree.



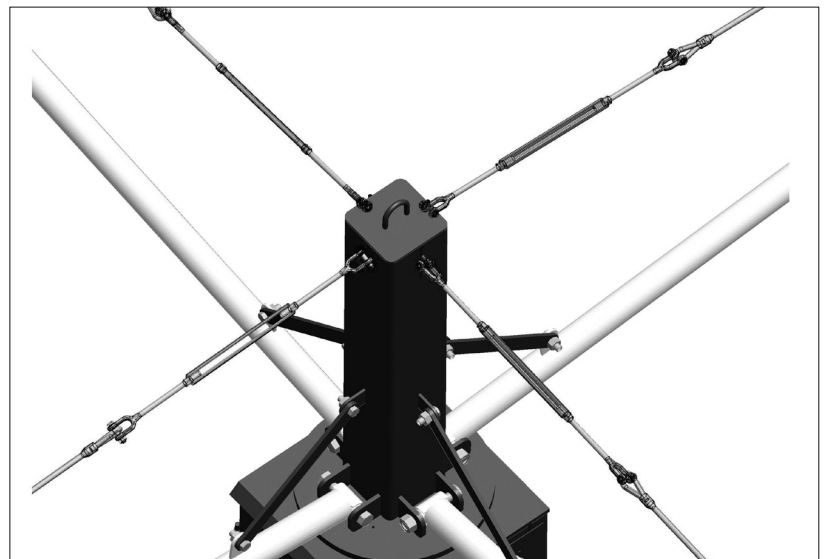
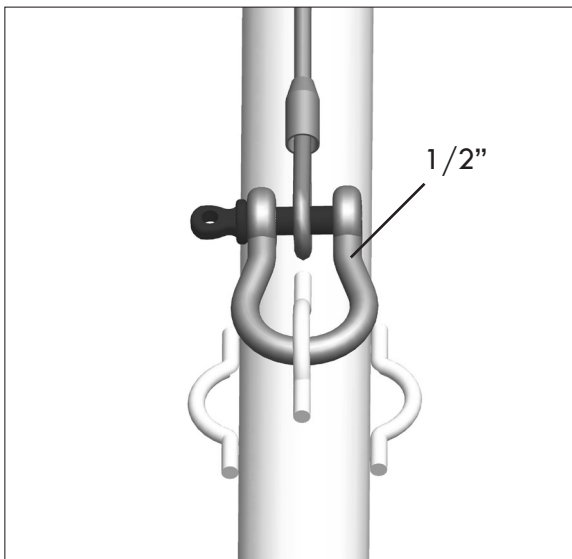
5/8" x 1-1/2" Bolts used to attach support strap from tree to inner arm.

Note: Do not install the nuts for the 7/8" x 5" bolts until all arms have been installed. This will allow bolts to slide out to allow the next arm bolt to be installed. Once all arms have been installed, then tightened all nuts.

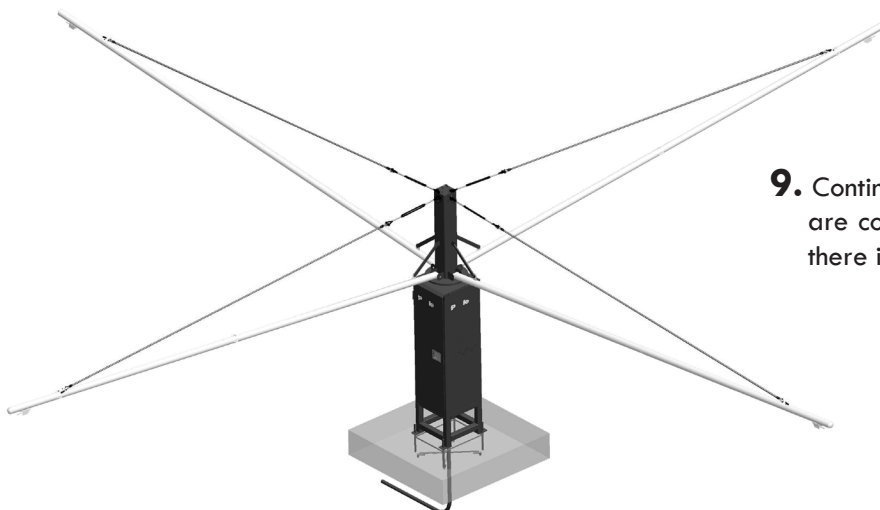


6. Repeat to attach all four inner arms to the tree.

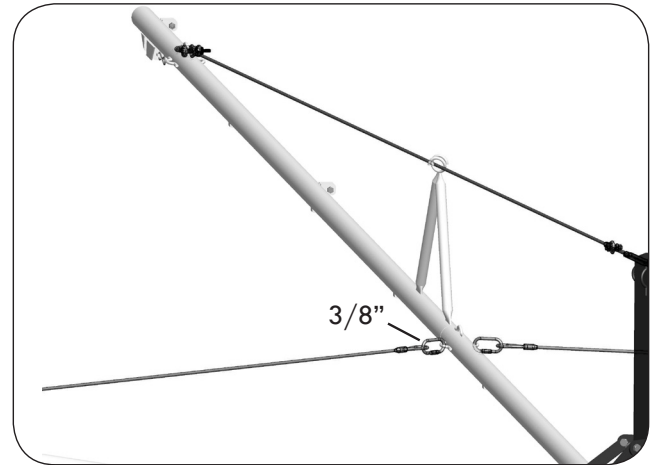
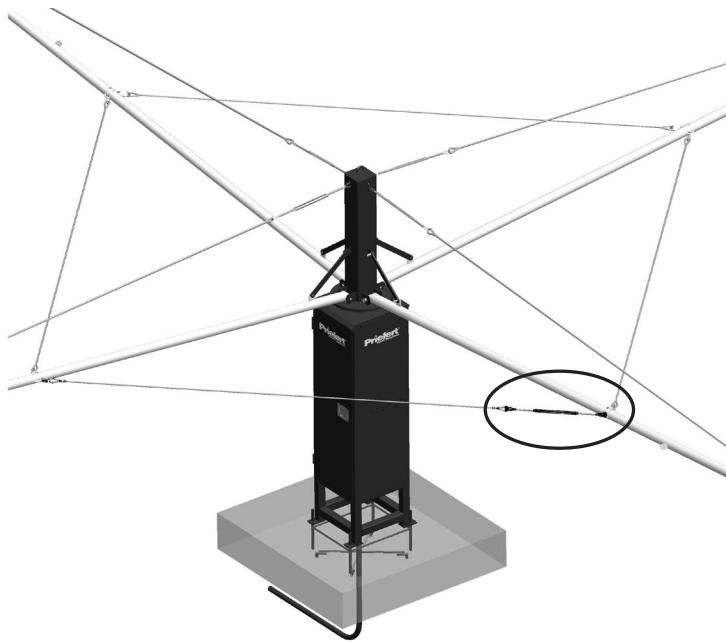
7. Slide the end of the outer arm over the end of the inner arm until the two pieces butt together.



8. Attach the 184.5" (1/2") top cables to the outer arm, and attach the turnbuckle to the top of the tree. To do this, attach the 1/2" shackle to the cable eye and the top loop at the end of the outer arm. Then, bolt one end of the turnbuckle to the other end of the cable. Bolt the other end of the turnbuckle to the loop at the top of the tree. This will require someone, or a lifting device, to raise the outer end of the arm to allow enough slack to bolt the turnbuckle to the tree. The turnbuckles need to be unscrewed all of the way out until there is a full thread left in the nuts.



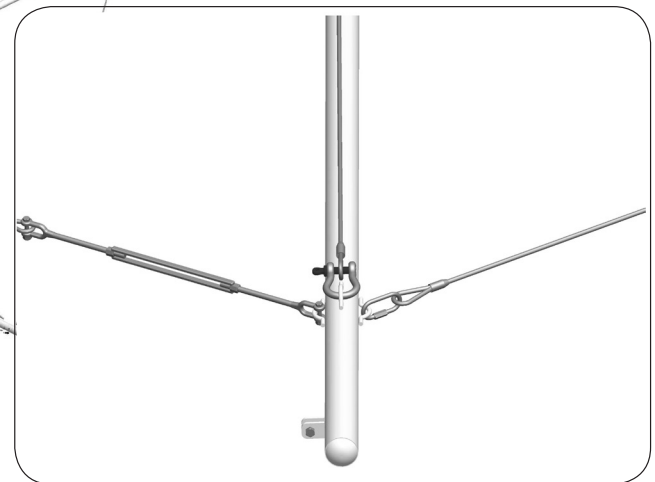
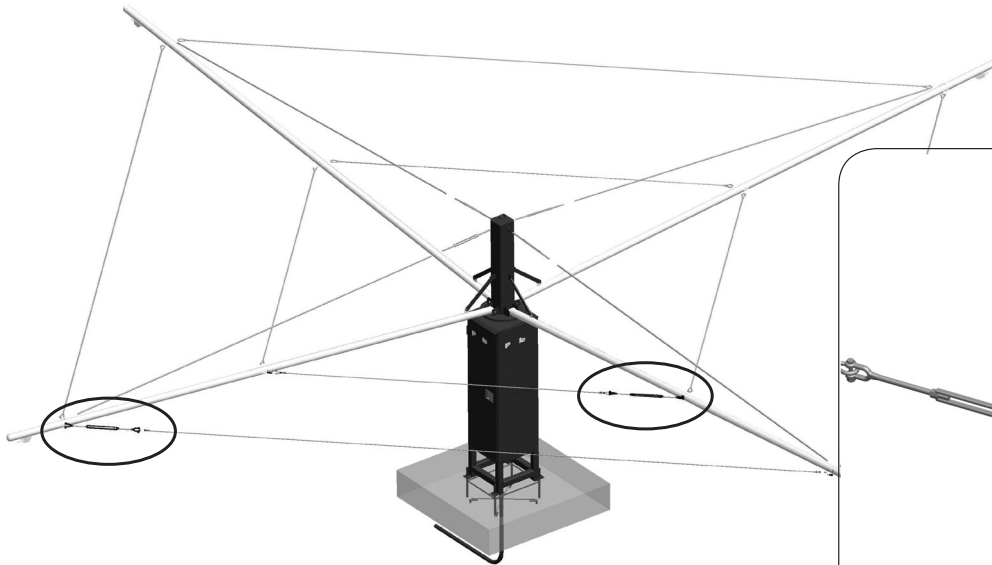
9. Continue to attach top cables until all four arms are complete. Tighten all of the top cables until there is a slight bow in the arm.



10. Attach the three 162.25" (5/16") inner cables to the loops at the center of the arms by using the 3/8" quick links provided.

11. Attach the one 132.75" (5/16") inner cable at one end with quick link and at the other end with the turnbuckle. Tighten the turnbuckle all the way until the slack is out of all four inner cables.

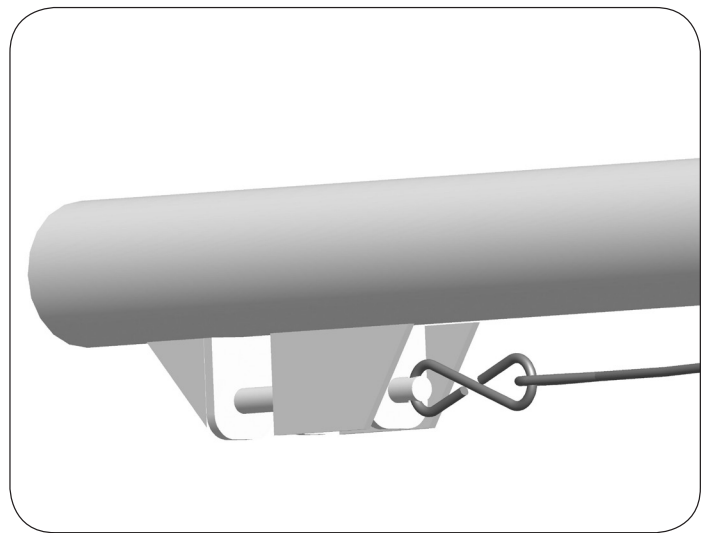
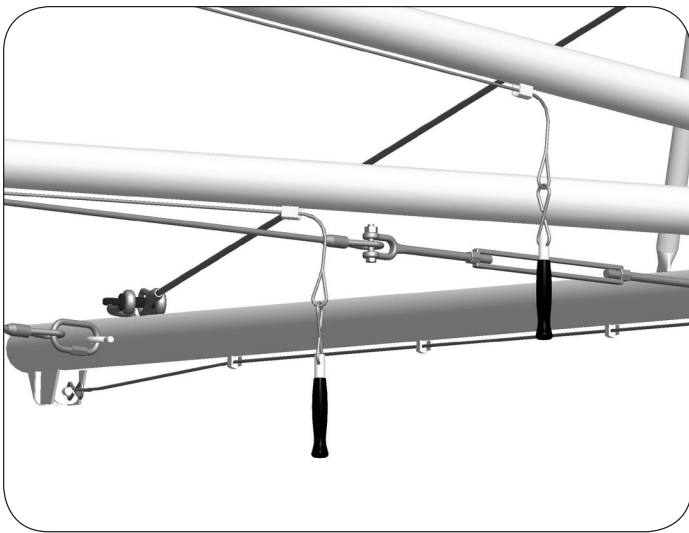
NOTE: DO NOT TIGHTEN ANY TURNBUCKLES UNTIL ALL CABLES ARE ATTACHED!



12. Attach the three 302" (5/16") outer cables in the same array as the inner cables at the ends of the arms by using the quick links to attach the cable ends to the loops on the side of the arm.

13. Attach the one 277.5" (5/16") cable at one end with a quick link and at the other end with a turnbuckle. Position the turnbuckle opposite to the turnbuckle of the inner cables. Tighten the turnbuckle until all of the slack is out of all four cables. After all of the cables are in place, the top turnbuckles may need to be tightened again.

NOTE: WHEN TIGHTENING CABLES, BE SURE TO TIGHTEN TURNBUCKLES UNIFORMLY TO PREVENT WARPING OR BOWING OF THE ARMS.

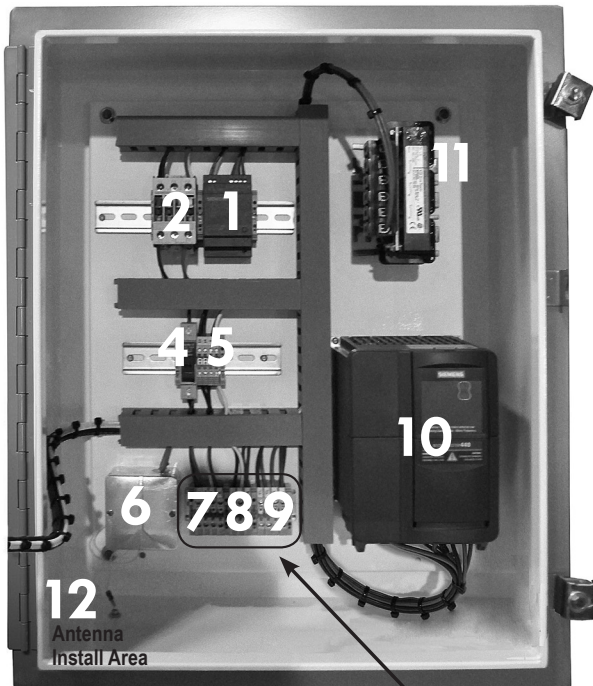


14. Thread the emergency release 242" (3/16") cable through the eyelets underneath the outer arm. Attach the s-hook and handle.

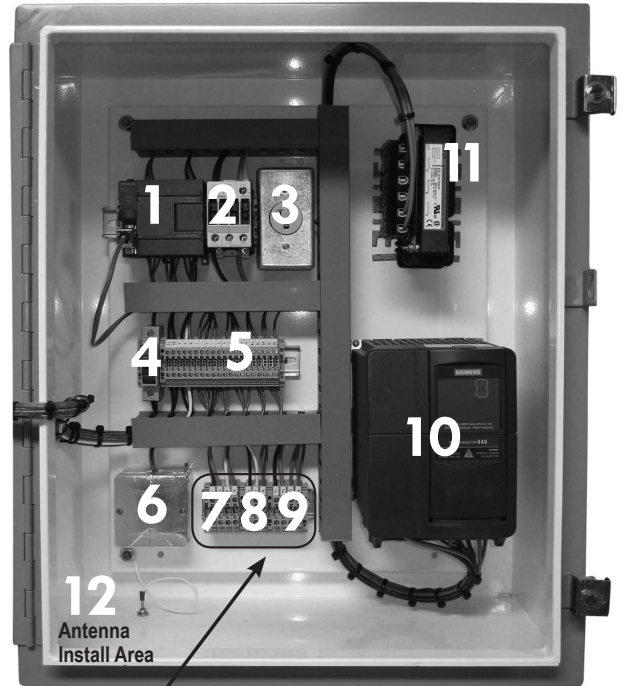
15. Connect the s-hook to the pin at the end of the outer arm. Repeat the process for the remaining three arms.

NOTE: STEPS 14 & 15 APPLY TO LEAD WALKERS ONLY

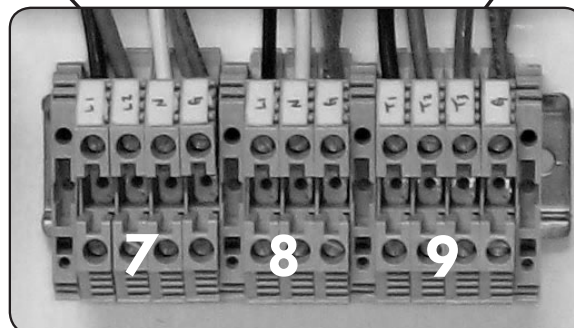
Horse Walker Electrical Instructions



**Touch Screen
Control Panel**



**Push Button
Control Panel**



Terminal Strip

See following page for
full object descriptions

Horse Walker Electrical Instructions (cont.)

A certified electrician must install wiring and wire motor control.

CONTROL PANEL

1. PLC - Program Logic Controller
2. Main Power Contactor
3. 110AC Power Supply (Push Button Control Panel Only)
4. Fuse Block with 10 Amp Fuse
5. Control Terminal Blocks
6. Receiver

7. Main Power Terminal Strip

Main Power Requirements:

240 volt AC 30 Amps

Use minimum of #10 gauge wire; from breaker box

Run main service to enclosure in electrical conduit 1" minimum.

Connect wires from 30 Amp double pole breaker to L1 and L2 on main power terminal strip.

Connect white wire from neutral bar in breaker box to N on Main power terminal strip.

Connect green ground wire from ground bar in breaker box to G on main power terminal strip.

8. Fence Charger Terminal Strip

(Panel Walker Only)

Output Power for Charger

120 VAC for Charger Receptacle

9. Motor Terminal Strip

Motor Power Requirements:

Use #10 gauge wire black, red, blue, & green

Run 1" electrical conduit from the enclosure to the motor junction box.

Connect the black wire to T1 on motor terminal strip to the black wire in the motor junction box.

Connect the blue wire to T2 on motor terminal strip to the blue wire in the motor junction box.

Connect the red wire to T3 on motor terminal strip to the red wire in the motor junction box.

Connect the green ground wire to G on motor terminal strip to the green ground wire in the motor junction box.

10. Panel Walker ONLY

Fence Charger Requirements:

Black, white, and green #12 wires must be run from the control box to the walker base junction box.

(It is acceptable to run these wires in the same conduit as the motor power wires.) At the junction box, connect these wires to the #12 black, white, and green wires which are terminated at the 120VAC plug in the walker base. At the control box, terminate the #12 wires to the terminal blocks shown.

Black - L1 White - N Green - G

11. Line Reactor

12. Antenna Install Area



Priefert® Ranch Equipment



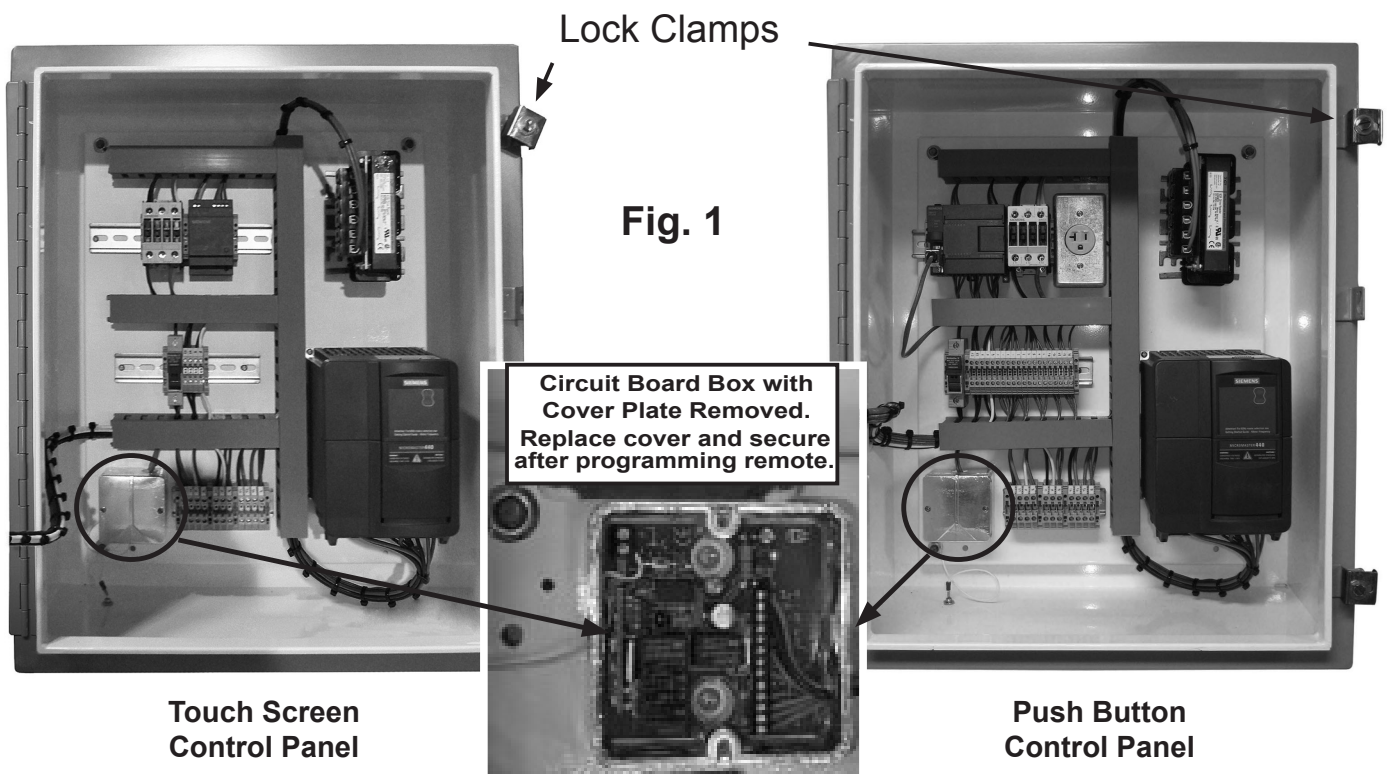
Programming the Remote Control for the Automatic Horse Walker

Read These Instructions Completely Before Beginning

Note: The circuit board allows for *4 seconds* between pressing the Programming Button to activate the function light, and pressing the corresponding button on the remote.

Tools required: Flat-head screwdriver and a 7/16" wrench.

Using a flat-head screw driver (or 7/16" wrench), remove the lock clamps to open the Control Panel Box. Set aside the locking clamps. Refer to Fig.1 for circuit board Box location.



Circuit Board Box (Fig. 1)

Using a flat-head screw driver, remove the cover from the Circuit Board Box.

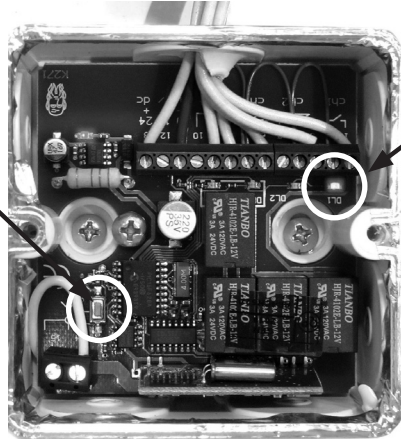
Turn on the power to the Control Panel. Top left Green Light on Circuit Board will be on when power to Control Panel is ON.

Important: Do not attempt to remove the foil covering from outside the circuit board box!

See next page for Programming the Remote Control

REMEMBER: The circuit board allows for 4 seconds between pressing the Red Programming Button to activate the LED function light, and pressing the corresponding button on the remote.

- 1 Press Red Programming Button**
- Press and hold the red Programming Button until the 1st function light (Red LED) comes on. Immediately press the "0/1" button on the Remote. — the red LED light will blink.



This Function Light will appear (Red LED)

Then Press this button on the Remote

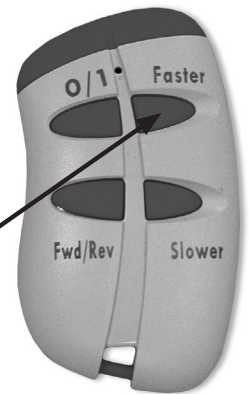


- 2 Press Red Programming Button**
- Press the red Programming Button again, the 2nd function light (Red LED) will appear. Immediately press the "Faster" button on the Remote. —the red LED light will blink.

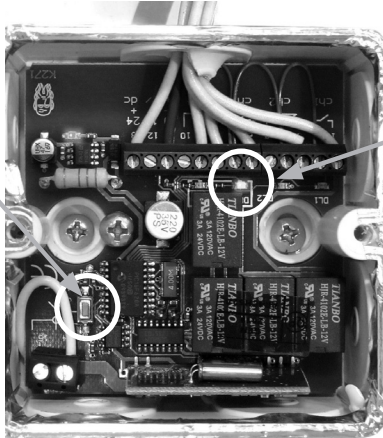


This Function Light will appear (Red LED)

Then Press this button on the Remote

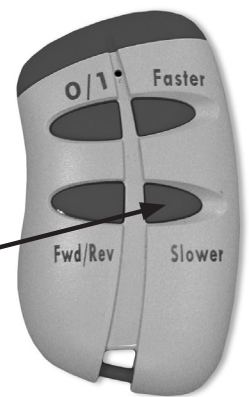


- 3 Press Red Programming Button**
- Press the red Programming Button again, the 3rd function light (Red LED) will appear. Immediately press the "Slower" button on the Remote. — the red LED light will blink.

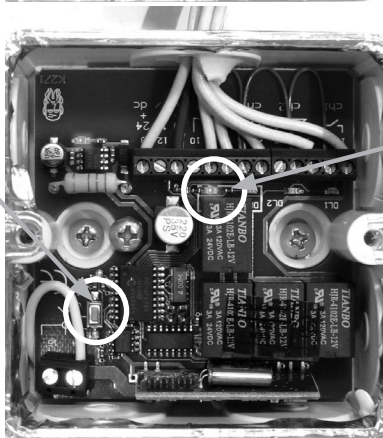


This Function Light will appear (Red LED)

Then Press this button on the Remote



- 4 Press Red Programming Button**
- Press the red Programming Button again, the 4th function light (Green LED) will appear. Immediately press the "Fwd/Rev" button on the Remote. — the green LED light will blink.



This Function Light will appear (Green LED)

Then Press this button on the Remote



Your Remote is now programmed to operate.

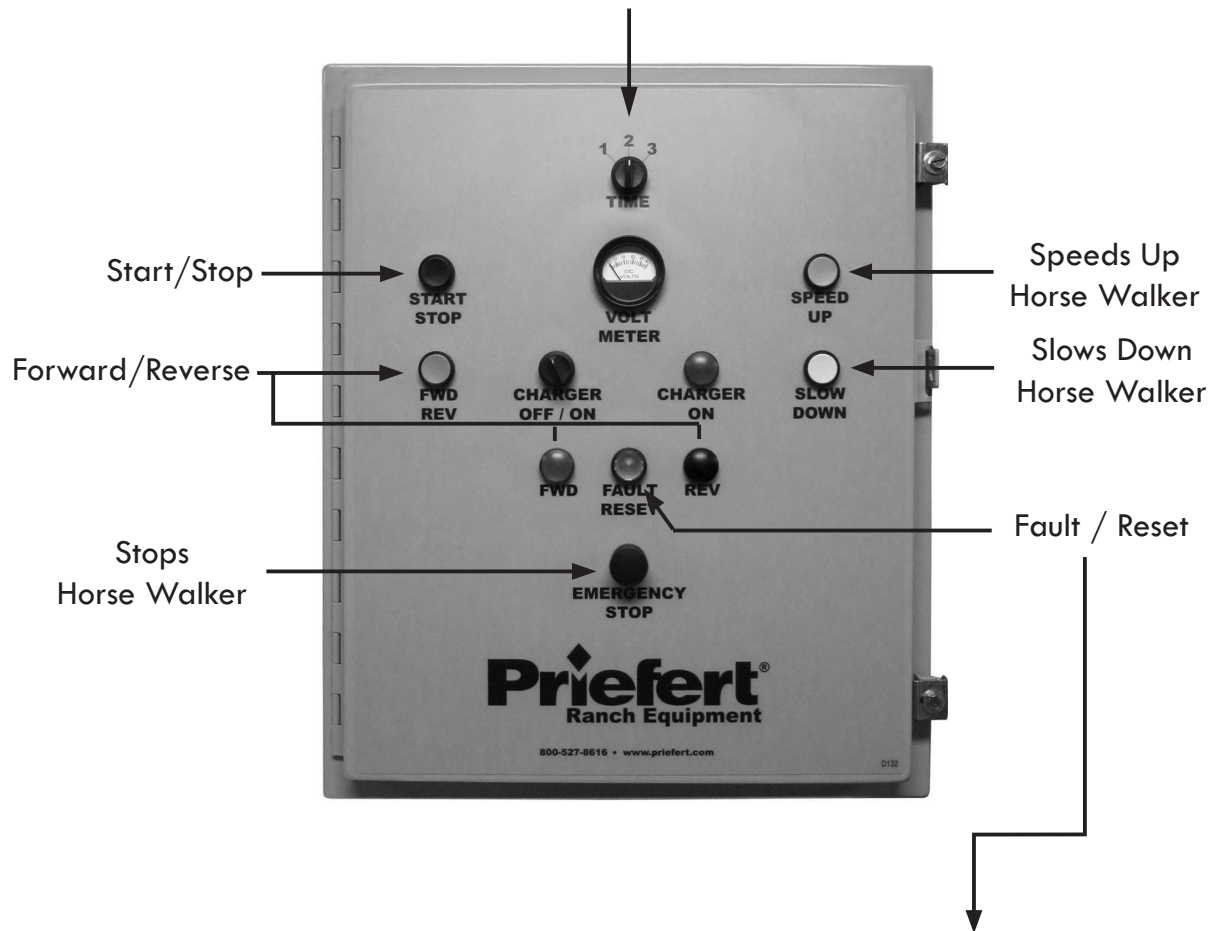
Wait for the four function lights to shut off before powering off the Control Box.

Replace the cover on the Circuit Board Box and close the Control Panel Box. You may now begin using your Priefert Horse Walker.

Horse Walker Operation Instructions

CONTROL PANEL

15, 30, & 60 Minute Timer



Key Features

- 60 second “ramp up” time from start to desired speed setting to ease horse into walk.
- 20 second “ramp down” time from engaged to stop.
- One of the more unique and outstanding features of this lead walker is the fact that if a horse balks and stops the walker, there is no stress wear on the drive train. The motor simply pauses and then restarts. Horses soon respond to the “pressure and release” training and therefore adapt to the Priefert walker with less resistance and no negative impact on the walker itself.

Fault / Reset

Horse Walker is programmed to require “reset” if animals stop the walker more than 10 times within 60 seconds, or if the horse is able to stop the walker for a sustained 10 seconds.

When fault light is illuminated, press and hold **FAULT** button for a minimum of 2 seconds. If fault light does not go off and walker does not reset, contact Priefert at 1-800-527-8616.

No Belts To Burn!

Never leave horses unattended while using Horse Walker.