Horse Walker Manual

Maintenance and Operation Manual

ProWalk Manufacturing Company, Inc.
1115 W. Main Street
Ada, Oklahoma 74820
580-332-5516 service/parts
817-705-1969 sales/dealer support
www.prowalkusa.com

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INTRODUCTION

Dear New ProWalk Owner,

First of all, welcome to our ProWalk Family and just know that we are always here for you. ProWalk Manufacturing Company, Inc. is dedicated to providing the horse industry with the best quality system available for exercising. Each part of the ProWalk Horse Walker System has been refined to meet the expectations that should be demanded of a quality product. On the following pages you will find a few simple instructions of assembly, operation, and maintenance of your ProWalk Walker.

Your ProWalk Pro Series Walker has a lifetime chassis warranty to the original owner and a three-year warranty on the drive system.

We will gladly handle any problems you might have or any questions concerning your walker.

Thank you for giving us the opportunity to serve you.

Gary L. Tate-General Manager

Gary L. Tate

Kim E. Lewis-Operations Director

Kim E. Lewis

HOW TO ASSEMBLE YOUR PROWALK WALKER

PAD

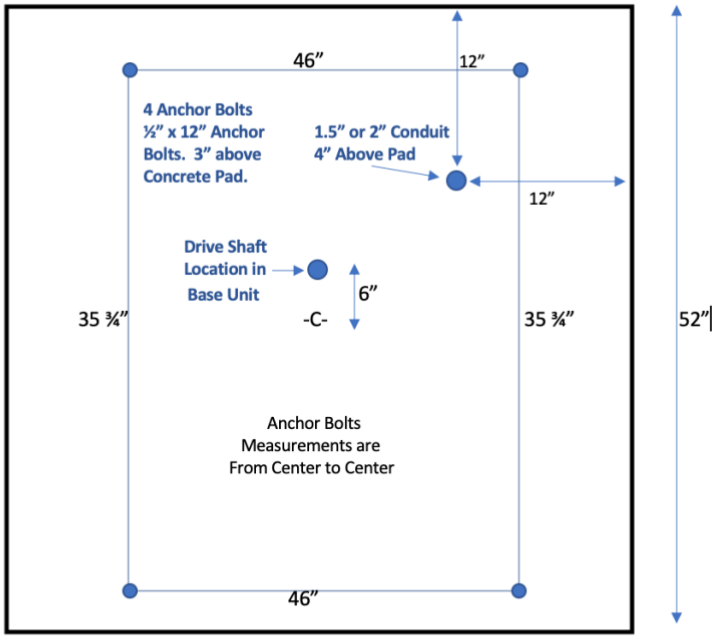
Your ProWalk Walker will require a 52" x 52" concrete pad 12" thick. This is to be measured out at 8" below your surface level and 4" above your level surface area. (See Illustration on Page 5) The best way to set your pad is to level off the area where your walker will be located.

Your chassis (cabinet) is held to the pad with ½" x 12" anchor bolts. Anchor bolts should be centered on the pad 35 ¾" on two sides and 46" on the other two sides. Anchor bolts are put in while the concrete is still soft. Anchor bolts should be 9" in the concrete, leaving 3" above the concrete. After the concrete dries completely, set your ProWalk Walker through the bolts and tighten them firmly. (See Illustration on Page 5 for diagram)

SINGLE SPEED WIRING
(NOT FOR VARIABLE SPEED WALKERS)

Your ProWalk Walker will require #12-3 underground cable in conduit running from the power source (not more than 50 feet in length), coming up through your pad. This should be run BEFORE pouring the concrete pad. Conduit must be at least 4" above the highest level of the pad. Conduit should be set 8" in from the edge of the pad and located in a position beside the electrical motor. The conduit should have one sweeping "L's" and must be buried 24 inches deep and power must be within 50 feet of walker base.

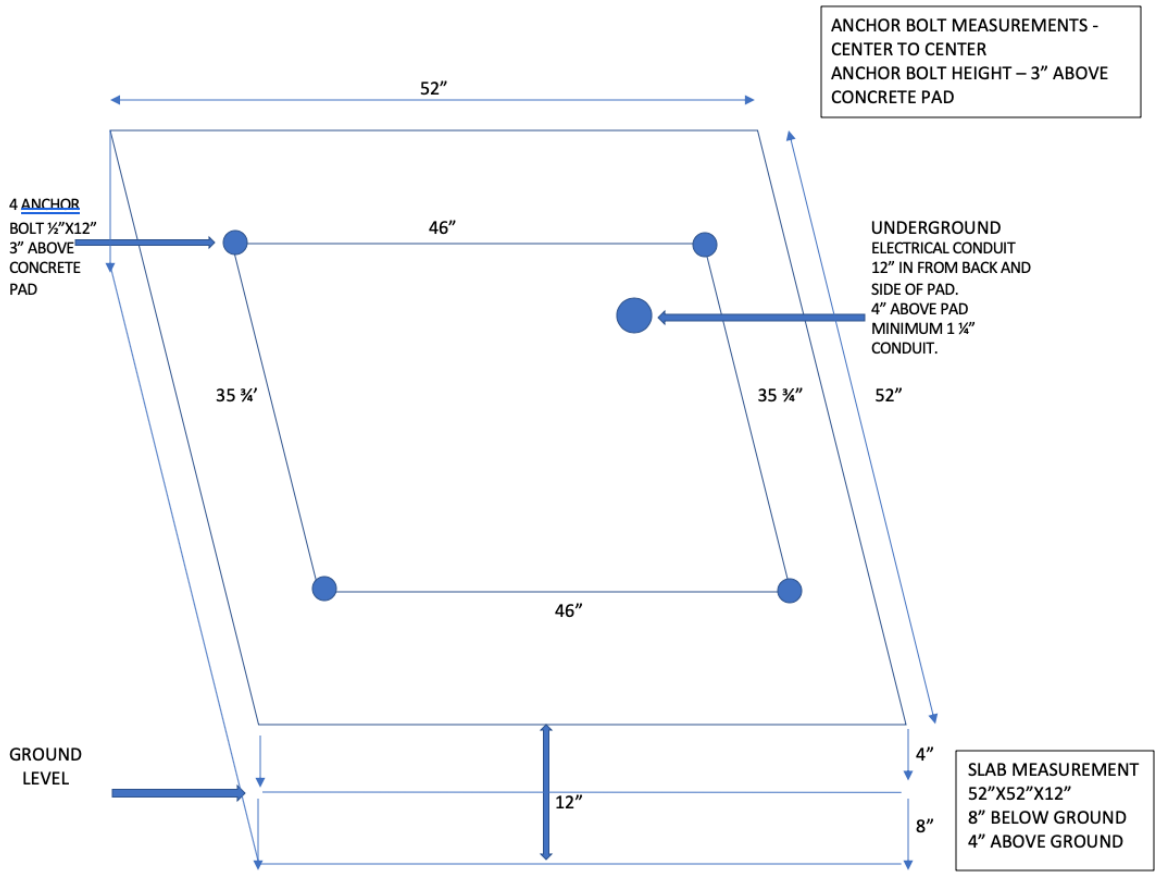
Total Thickness of Slab is 12 inches
8 inches Below Ground, 4 inches Above Ground



Drive shaft location is noted for measurements of outside diameter of walker

Run Conduit to Location of Control Panel and 120 VAC Outlet (max 50 feet) (20 Amp – Non GFI)

DRAWING NOT TO SPEC, FOR ILLUSTRATION PURPOSES ONLY.



ARM ASSEMBLY

Bolting the arms to the chassis will require two people. With one person holding the outer end, the other person should slide the base of the inner arm into the open shaft on the chassis.

Bolt the top part of the inner arm in the corresponding hole. Make sure the bolt it tightened firmly.

CABLE ASSEMBLY

Included with your ProWalk Walker are cables that run from one arm to another about 10 feet out from the base in a circular fashion. These are an added benefit to the Walker. If a horse sets back on one of the arms it spreads the weight evenly throughout all the arms.

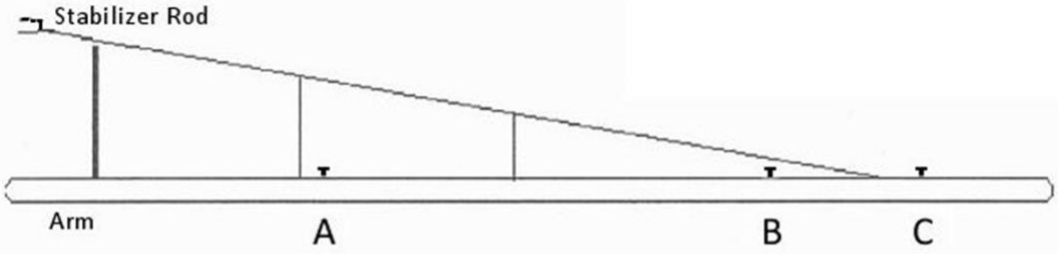
When running cables from one arm to the other, hang cables in an "X" fashion so that the weight is equally distributed on each arm.

NOTE: None of the cables are adjusted except for the two shorter cables which come with an adjusting boomer for each cable. Keep tightening one boomer at a time until it is tight. (See illustration of four horse cable assembly on page 7)

(See Page 8 for Illustration and Diagram for assembly for the six-horse walker)

Arm To Arm Support Cable Installation

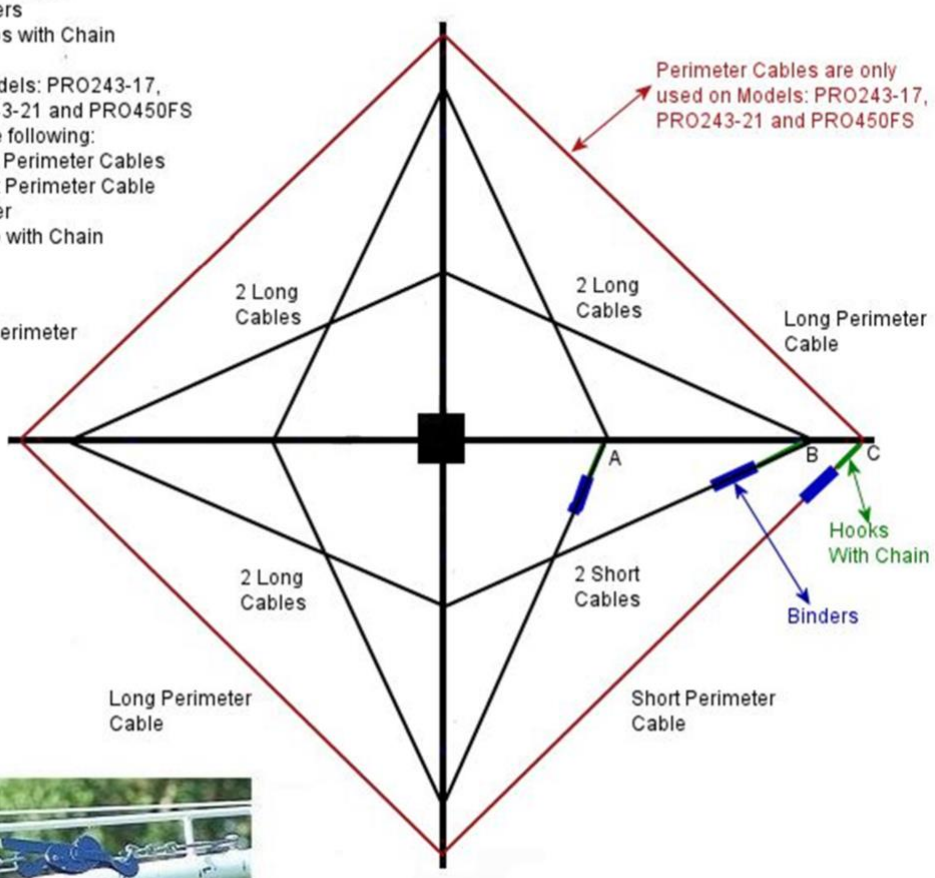
4 Horse Walkers



Cable Attachment Points

Support Cables:
6 Long Cables
2 Short Cables
2 Binders
2 Hoops with Chain

For Models: PRO243-17, PRO243-21 and PRO450FS
Add the following:
3 Long Perimeter Cables
1 Short Perimeter Cable
1 Binder
1 Hoop with Chain



Hook one end of Binder to short cable.
Hook other end of binder to hoop with chain.
Place hoop over bolt on arm.

When installing last set of cables (short cables and binders), you may need a come-along or racheting tie straps to bring the arms close enough to connect the cables.

INSTRUCTIONS

Assembly of the six-horse walker

1. Remove protective shipping material

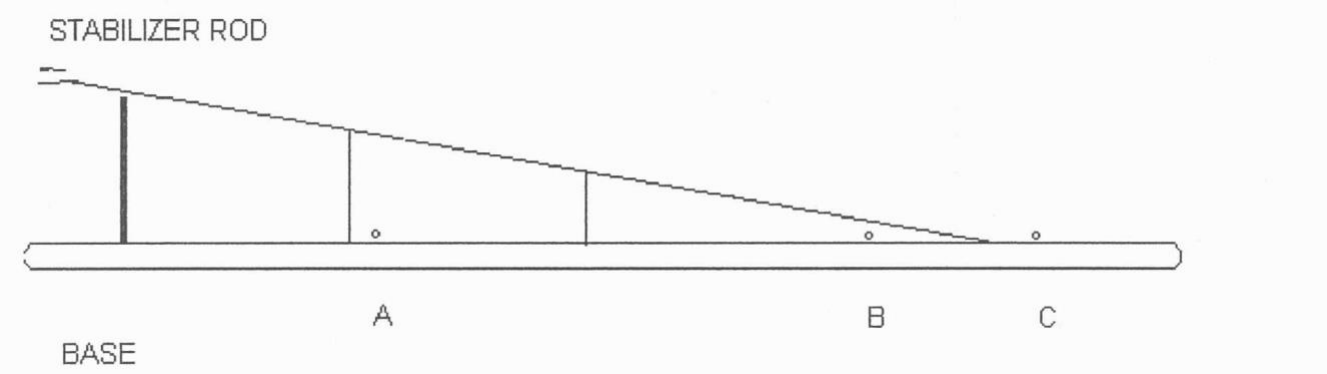
2. Remove cabinet panel enclosures

3. Remove accessory kit from top of drive pulley

4. Empty contents of accessory kit, including
    a. 10-Long "X" cables
    b. 2-Short "X" cables
    c. 5-long perimeter cables
    d. 1-short perimeter cable
    e. 3-hoops with chain
    f. 3-binders
    g. 6-quick release hoops for lead shanks to be attached to
    h. 6-1/2 x 2 bolts with nuts

INSTALL WALKER BASE ON SLAB, TIGHTEN NUTS ON STUDS.

5. Place one quick release hoop in arm by pulling cable in arm, withdraw rod in the end of the arm, insert quick release hoop, release quick release cable. Lead Shank should be attached to this quick release hoop. Repeat process on each arm prior to cable installation.



6. Beginning with the arm one, take one long X cable, secure loop in cable over head "B". Facing away from the center of machine, leave cable on left side of arm. Take one short X cable and secure loop in cable over head "B", leave cable and rights out of arm. Place base arm in stub receptacle of Walker head. Raise outer end of arm to align stabilizer rod with holes in Walker head. Drop 1/2 by 2-inch Bolt through hole, install nut on bolt.

7. Take arm 2, place one long X cable loop over head "B", leave cable on left side of arm. Place one long X cable loop over head "B", leave cable on right side of arm. Install and secure arm in Walker head as outlined in step 6.

8. Repeat step 7 for arms 3, 4, and 5.

9. With arm 6, place 1 long X cable loop over head "B", leave cable on right side of arm. Take 1 short X cable, place loop over head "B", leave cable on left side of arm.
    a. Beginning with arm 1, attach free loop of long X cable (left side) to arm head of "A" of arm 2.
    b. Attach long X cable of arm 2
        i. Right side, head "A" of arm 1
        ii. Left side, head "A" or arm 3
    c. Attach long X cable of arm 3
        i. Right side, head "A" of arm 2

ii. Left side, head "A" of arm 4

d. Attach long X cable of arm 4
   i. Right side, head "A" of arm 3
   ii. Left Side, head "A" of arm 5
e. Attach long X cable of arm 5
   i. Right side, head "A" of arm 4
   ii. Left side, head "A" of arm 6
f. Attach long X cable of arm 6
   i. Right side, head "A" of arm 5
g. Install one hoop with chain, with hoop over head "A" on arm 6. Place binder in loop of short X cable from arm 1. Place chain in binder from arm 6. Tighten binder.
h. Install one hoop with chain, with hoop over head "A" on arm 1. Place binder in loop of short X cable from arm 6. Place chain in binder from arm 1. Tighten binder.
i. Take most of slack out of X cable system by alternatively tightening X binders.

10. Using a safe and secure method, take 1 long perimeter cable, place on loop over head "C" of arm 1, the other loop over head "C" of arm 2.

11. Repeat step 10, using head "C", from arm 2 to 3, arms 3-4, 4-5, 5-6.

12. Take short perimeter cable, place loop over head "C" of arm 6. Take one hoop with chain, place hoop over head "C" of arm one. Take one binder, attached to loop of short perimeter cable and chain. Close binder. Do not overtighten at this point.

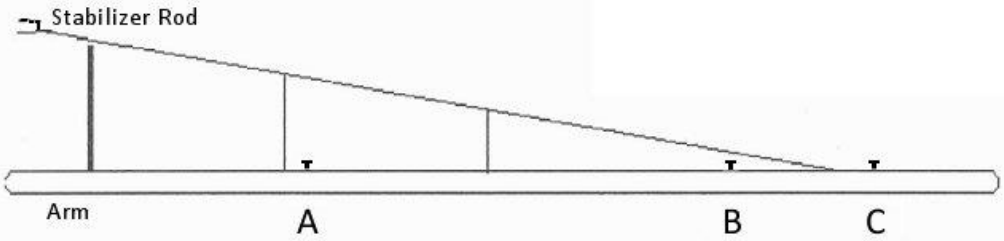
13. Take two remaining hoops with chains, place one hoop on head "A" of arm 1, one hoop on head "A" of arms 6. Using binders, attach short X cables to chain end of hoops with chains. Take up slack, one binder at a time.

CABLES SHOULD BE SNUG BUT FLEXIBLE.

14. Tighten binder on perimeter cable to match tension of X cables. (Over tightening of perimeter cables will loosen X cables.)

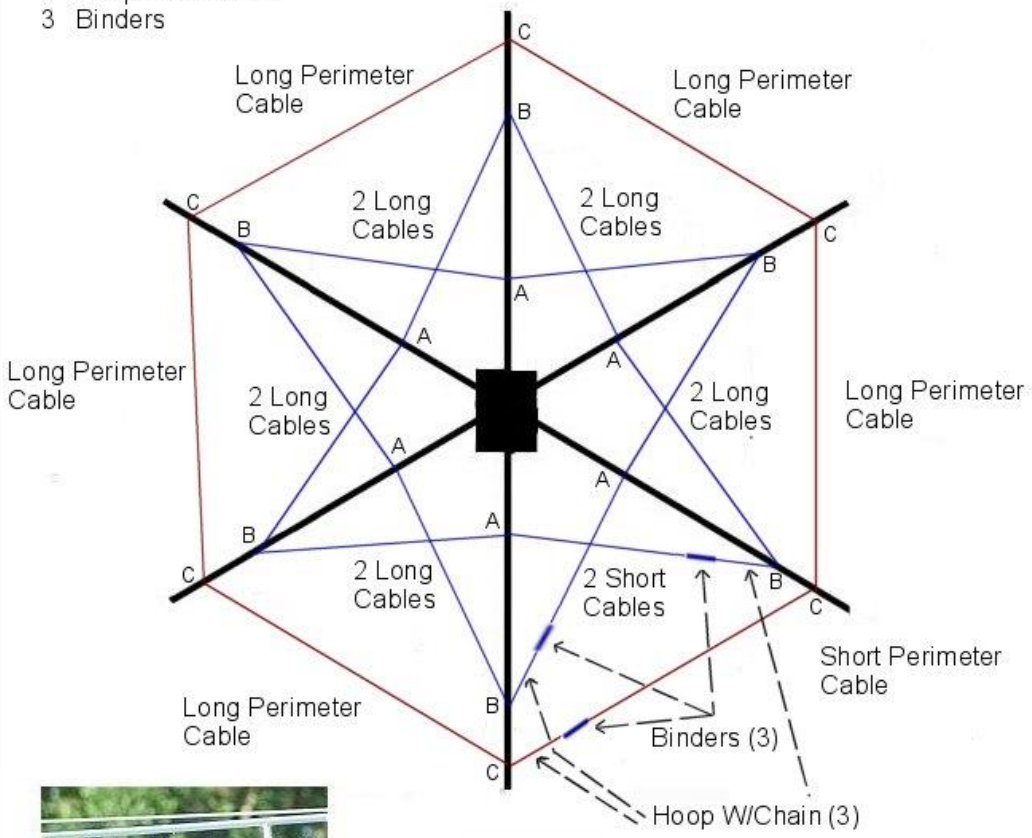
15. Monitor cable tension. Cables will stretch as they set. Adjust cables as necessary.

Arm To Arm Support Cable Installation
6 Horse Lead Walker



Cable Attachment Points

10 Long Cables
2 Short Cables
5 Long Perimeter Cables
1 Short Perimeter Cable
3 Hoops with Chain
3 Binders



Hook one end of Binder to short cable.
Hook other end of binder to hoop with chain.
Place hoop over bolt on arm.

When installing last set of cables (short cables and binders), you may need a come-along or racheting tie straps to bring the arms close enough to connect the cables.

SAFETY QUICK RELEASE

Your ProWalk Walker is equipped with a quick release safety cable in case of an emergency, located about 8 feet up on each arm. To release the horse, simply pull the cable and the horse is automatically released.

SERVICE

Your ProWalk Walker requires very little service. However, you will need to periodically grease and oil your machine. There is one location on the upper shaft for lubricating. The upper lubrication point has a grease fitting. We recommend you service this once a week when in daily use.

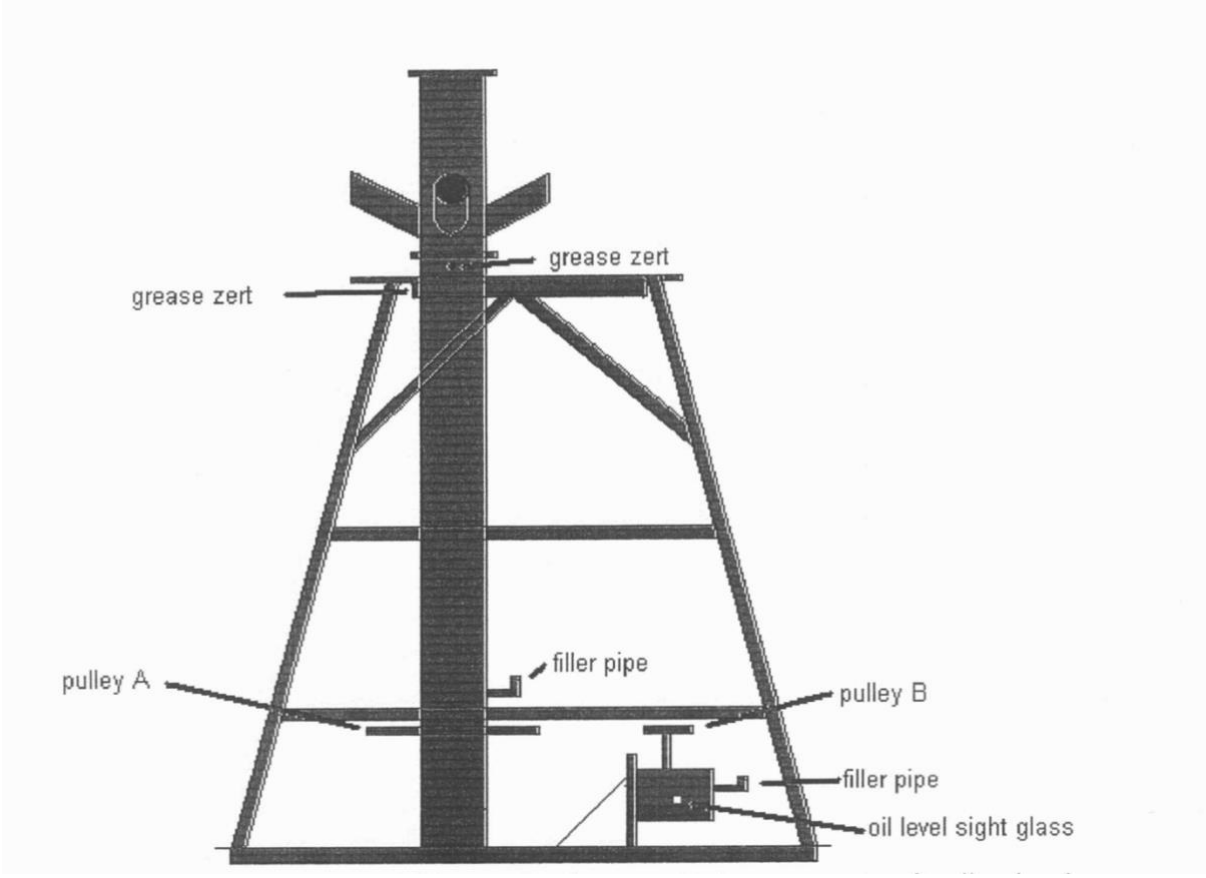
The gear reducer inside the cabinet has an oil level sight glass. Add ONLY GL5-140 WEIGHT GEAR OIL.

Your machine will have one or two belts located inside the cabinet. We recommend you service these occasionally with a good belt lubricant.

The spring tensions should be tight enough to ensure maximum pull but must be able to slip under strong resistance.

NOTE: Always keep interior of your machine clean and free of dirt and debris.

(See Illustration and Diagram on Page 13 for Service)



1. Properly grease once monthly when in daily use.
2. Lightly add oil to electric motor shaft cups.
3. GEAR REDUCTION BOX, check oil level in sight glass on side of gear box, add oil if needed. ONLY USE GL5-140WT. GEAR OIL.
4. Spring tension nut adjustment should be tightened to ensure maximum pull, but no so tight that when holding the walker with good force that the belt CAN SLIP AROUND PULLEY "B". LARGE BELT MUST BE ALLOWED TO SLIP AROUND PULLEY "B".
5. Replacement of large belt can be easily done by inserting small jack under pulley "A" as close as possible to the drive pole and jack up enough to allow new belt to be installed. No need to remove arms or other parts.
6. We recommend GATES belts. Large belt is C-78 and small belt is A-32.

7. The walker should be set on a concrete base. Size should be approximately 52" x 52" square and 12 inches deep, with anchor bolts fastened to the frame. Base should extend 4" above the ground to protect walker from dirt and debris.
8. WARRANTY- Your ProWalk Walker has a lifetime chassis warranty to the original owner and a three-year warranty on the drive system. (See separate warranty info)

WARRANTY

Warranty Period

CHASSIS

Lifetime Warranty to original purchaser to include materials and workmanship, provided that the chassis in question is returned to ProWalk Manufacturing Company by the purchaser, at his/her expense. Chassis that are proven to be defective in materials or workmanship will be repaired or replaced. Pro Walk Mfg. Co. Inc reserves the right to determine each warranty question. All decisions by Pro Walk Mfg. Co. Inc. will be final. This warranty will not cover abuse, negligence, or lack of maintenance.

MOTOR

Three year from the original date of purchase. Pro Walk Mfg. Company, Inc. will repair or replace motors which prove to be defective in materials or workmanship.

GEARBOX

Three year from the original date of purchase. Pro Walk Mfg. Company, Inc. will repair or replace gearbox which prove to be defective in materials or workmanship.

All parts to be warranted will be returned to Pro Walk Manufacturing Company, Inc. at purchasers' expense.

NORMAL RESPONSIBILITIES OF THE CONSUMER:

1. Proper installation in accordance with instructions.
2. Proper use of the Horse Walker in accordance with instructions provided with the product.
3. Proper connection to a grounded power supply of proper voltage.

EXCLUSIONS

1. Horse Walker which has been modified.
2. Damages caused by services performed by servicer other than Pro Walk and use of parts other than genuine Pro Walk parts.
3. External causes such as abuse, misuse, inadequate power supply or acts of God.
4. Horse Walkers with original serial number plates that been removed or altered.

CONTROLLER INSTALLATION

The Electronic Variable Speed Controller you have received from Pro Walk is sold and serviced as an assembly, including the power supply cord for 110V AC service, and the controller cord which supplies power from the controller to the walker motor. This unit is sealed at the factory to prevent tampering with the control unit by anyone in the field. This is not a field serviced item.

ELECTRICIANS ARE NOT TO OPEN THIS UNIT OR ATTEMPY ANY ADJUSTMENTS OR SETTINGS.

ANY DISTURBANCE OF THE FACTORY SEAL WILL VOID ALL WARRANTY.

1) Mount unit a minimum of 2" from flat surface to allow proper air circulation.
2) Protect top of controller from weather.
3) Protect face of controller from direct sunlight. Without protection, rubber boots on switches can be affected and may wear prematurely. (Inspect rubber boot regularly, if torn or cracked, please contact ProWalk.)
4) Use minimum of 1 1/4" conduit for power cord from the controller to the motor.
5) Controller must have a minimum of 20 amps of electrical service at the controller.
6) GFI service is not compatible with this controller.
7) Unplug controller from 110VAC power source when not in use.

Following these basic guidelines will increase the service life of the variable speed controller.