



EZ Way, Inc.

“Your Total Patient Lift Solution”

EZ Way stand
400, 500 & 800 lb. Capacities
Operator’s Instructions



The EZ Way stand was designed specifically for toileting and changing briefs of patients. The EZ Way stand can also be used for transferring the patient from chair, wheelchair, toilet or bed, and can be used for ambulation. As patients do vary in size, shape, weight and temperament, these conditions must be taken into consideration when deciding if the EZ Way stand is suitable for their needs. Patients should be able to bear some weight, have upper body strength (i.e. be able to sit on the side of the bed unattended), and be able to follow simple commands. If a patient does not meet each of these three criteria, the EZ Lift total body lift must be used.

For safe operation of the EZ Way stand, operators should watch the training video, read through this manual, complete the competency checklist, and practice on fellow staff members before use with patients.

Safety Notes

The EZ Way stand was designed to transfer weight bearing patients to and from a chair, wheelchair, toilet, or bed and for safely ambulating patients. The EZ Way stand comes in 400, 500, and 800 lb. weight capacities. All EZ Way harnesses are capable of bearing a 1,000 lb. weight load, but must only be used to hold the amount of weight dictated by the EZ Way stand capacity. The maximum lifting capacity of each EZ Way stand is located on the opposite side of the stand mast from the battery receiver (See FIG. 1) by the model and serial number of the EZ Way stand and on the side of the control box. (See FIG. 2)

Do not modify the harness design in any way. Please make sure the accessories used with each stand are appropriate for both the patient and the transferring situation and call EZ Way at 800/627-8940 if you have any questions.

EZ Way harnesses are made specifically for EZ Way stands. For the safety of the patient and caregiver, only EZ Way harnesses should be used with EZ Way stands.

The only time you should lock the wheels of the EZ Way stand when in use is when you are raising or lowering the patient during ambulation. Refer to the instructions for using the EZ Way stand for ambulation on page 6.

The EZ Way stand was designed to be operated safely by one caregiver. However, depending on the situation, facility policy, and the patient's condition, two caregivers may be necessary.

All EZ Way equipment must be maintained regularly by competent staff according to the maintenance checklist provided.

These instructions should be kept with the EZ Way stand at all times.

⚠ WARNING:

For safe operation of the EZ Way stand, the stand must be used by trained personnel in accordance with the operator's manual, video and training checklist to avoid injury to patient.

⚠ WARNING:

Do not push, pull, or use the actuator as a handle for moving the EZ Way stand. Do not cover the actuator. Inspect regularly as directed in the maintenance checklist.

⚠ WARNING:

Keep the area clear between the actuator and the mast.

To operate the EZ Way stand follow the steps below:

Pre-operation check

Before operating the unit, complete a maintenance safety check for loose nuts and bolts and damaged parts. Also, ensure the harness is not ripped, frayed or showing signs of wear. EZ Way recommends all harnesses be replaced after one year, or at the first sign of wear. If the unit fails to operate, contact your maintenance person. If necessary, the maintenance person can call our service department at 1-800-627-8940.

NOTE: It is helpful for the maintenance person to be near the unit when making the service call.

Insert battery

Insert a fully charged battery pack into the battery receiver on the mast of the EZ Way stand. (See FIG. 1)

Turn unit on

Push the ON/OFF button. The EZ Way stand will display a greeting message while several diagnostic functions are performed. The EZ Way stand has a built-in timer that automatically shuts off the unit after a period of inactivity.

NOTE: Push the ON/OFF button to power off the EZ Way stand.

The EZ Way stand is operational when the battery charge level is showing on the screen. (See FIG. 2)

Adjust the emergency stop button

The RED EMERGENCY STOP BUTTON must be in the UP position. The unit will not operate if the button is in the down position. If the button is in the DOWN position, the screen will indicate EMERGENCY STOP. Turn it in the direction of the arrow on top of the button to release it. (See FIG. 1)

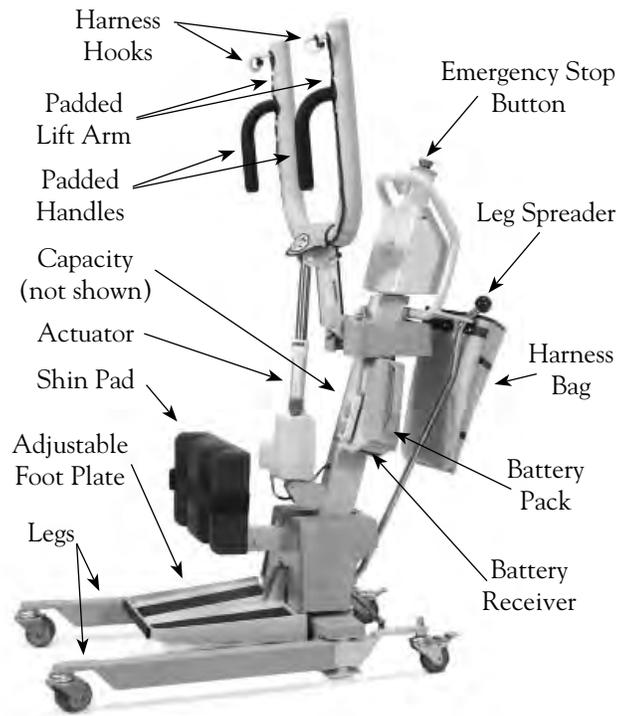


Figure 1

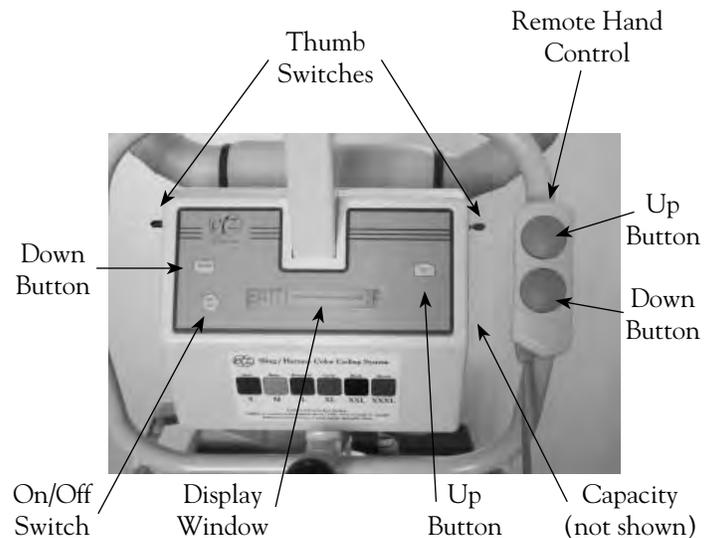


Figure 2

Harness selection

The EZ Way harnesses are designed to be applied or removed with a minimum amount of handling of the patient. As patients do vary in size, shape, and weight, these conditions must be taken into consideration when deciding which EZ Way harness and accessories are suitable for each patient's needs. There are a variety of harnesses available in various sizes. Please contact EZ Way with any questions regarding harness dimensions and sizes.

We have used the Medium Harness throughout the operator's instructions because it is the most commonly used harness (See FIG. 3).



Figure 3

Transferring the patient:

Attach harness

- 1) Position the harness around the upper body of the patient so the sides of the harness are between the patient's torso and arm, resting 2 – 3 inches below the underarm. (See FIG. 4)



Figure 4

- 2) For the safety of the patient, securely fasten the safety strap around the patient's torso.
- 3) Secure the buckle and pull the strap to tighten.

Position shin pad and foot plate

The foot plate has several adjustments to raise or lower the plate. The normal setting is in the lowest position. The shin pad has several vertical adjustments for various patient heights and conditions and normally is left in the middle position. The shin pad can be adjusted horizontally toward the patient as well, and is normally used in the position closest to the mast of the EZ Way stand.

NOTE: The adjustability of the above three items allows for the greater patient comfort. However, for most patients the recommended settings are adequate.

To adjust the shin pad horizontally, remove the pin, slide the glide bar to desired location and insert the pin. To adjust vertically, follow the same instructions.

Position EZ Way stand in front of patient

- 1) Use the leg spreader bar (See FIG. 5) to open the EZ Way stand legs to get around a wheelchair, toilet or chair, if necessary.

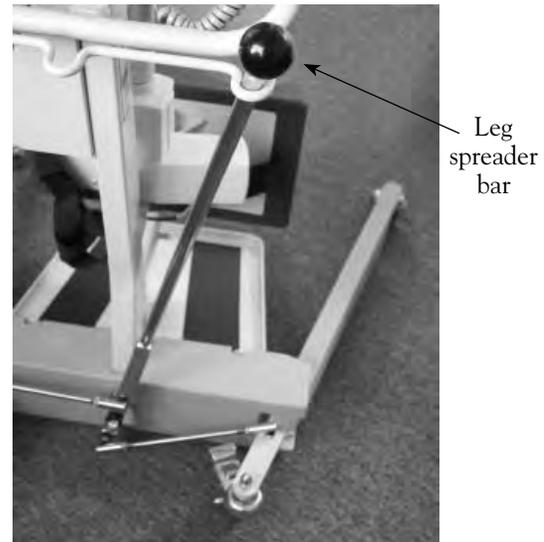


Figure 5

- 2) Position the unit in front of the patient.
- 3) Have patient place feet (help patient if needed) on foot plate and position their shins into the shin pad. The shin pad should be positioned below the knees. (See FIG. 6).



Figure 6

Use of Shin Pad Strap: If a caregiver deems it necessary to keep a patient's shins or feet on the foot plate, secure the shin strap around the patient's legs.

Attach harness to EZ Way stand

With the lift arm in lowest position, attach the harness to the hooks at the end of the EZ Way stand arm using the loops at the end of the harness. Use the shortest loops when possible. To ensure patient safety and comfort, make sure to use the same color loop on each side. (See FIG. 7)



Figure 7

Raise the patient

- 1) Position patient's arms on the outside of the harness and have them place their hands on the padded handles.
- 2) With hand control in-hand stand beside the patient. Verify the loops are properly hooked inside the "pigtail" at the end of the EZ Way stand arms and the Safety Catch is in place, blocking the strap from exiting through the pigtail. Press the UP button. As the patient is being raised, simultaneously tighten the safety strap buckled around their torso.

Stop lifting when the patient is in a standing position. (See FIG. 8).



Figure 8

Transfer the patient

- 1) Move the patient away from the bed, chair, wheelchair, toilet or commode. Using the leg spreader bar, move the legs to the closed position.
- 2) With the patient in a standing position, transfer the patient to the desired location. Be aware of any obstacles that may inhibit the movement of the EZ Way stand.

Lower the patient

- 1) When lowering the patient onto a chair, toilet, wheelchair or bed, the caregiver should stand beside the patient.
- 2) Press the DOWN button on the hand control until the patient is fully lowered. (See FIG. 9).



Figure 9

If needed, the caregiver can hold onto the center

harness handle just before the patient is seated in order to help properly position the patient's backside into the back of a seat.

Unhook harness

- 1) When the patient is securely seated, lower the stand arm until there is enough slack to unhook the harness loops from the arm. Unhook the loops.
- 2) Move the unit away from the patient.
- 3) Unfasten the buckle that is across the patient's torso. Remove the harness from behind the patient by grasping the center harness handle.

Using the EZ Way stand to ambulate a patient

NOTE: Adjustable walker handles are necessary to use when using the EZ Way stand as a walker. (See EZ Way stand accessories). Patient **MUST ALWAYS** wear the harness when using the EZ Way stand. It can be helpful to use the seat strap or support strap during ambulation.



- 1) Remove the foot plate.
- 2) Insert the walker handles into the handles of the EZ Way stand arms, adjusting them to the proper length needed for the patient. The handles are color-coded to ensure they are adjusted equally. Tighten the knobs of the walker handles to secure them.
- 3) Apply the harness (Refer to directions on page 4 **Transferring the patient; Apply the harness**) (FIG. 4).
- 4) Position the EZ Way stand in front of patient making sure shins are aligned with the shin pad. Lock rear wheels.

- 5) With the lift arm lowered, attach the harness to the hooks at the end of the EZ Way stand arm using the loops at the end of the harness. Use the appropriate loop to ensure patient safety and comfort make sure to use the same color loop on each side.
- 6) With the wheels locked, raise the patient to a comfortable walking position.
- 7) Once the patient is steady and ready to begin walking, instruct patient to grasp walker handles. Push the DOWN button briefly to allow for greater distance between the patient and the EZ Way stand, giving the patient additional room for their gait. Unlock the rear wheels to allow the EZ Way stand to move with the patient. It is helpful to talk the patient through the procedure as the steps are being performed.

Seating the patient after ambulation

- 1) If the patient weakens, lock the EZ Way stand wheels and position a wheelchair or chair under the patient. Position the patient over the seating surface (i.e. chair, wheelchair, or bed) so they can be safely seated after lowering. (Lock the wheels of the wheelchair, chair or bed.)
- 2) Lower the patient onto the seating surface by pushing the DOWN button. It is helpful to stand next to the patient as they are being lowered. (See FIG. 10)



Figure 10

- 3) Once seated, unhook the harness from the EZ Way stand, unlock the wheels of the EZ Way stand, and pull the unit away from the patient.
- 4) Unbuckle and remove the harness from the patient's torso.

Additional accessories available include:

Seat Strap

The Seat Strap is used for additional lower body support and can be used for transferring or ambulation. Before using the Seat Strap, first fit the harness to the patient, then attach the harness to the EZ Way stand in the normal fashion. Extend the Seat Strap to its fullest length. Attach the loops at the end of the Seat Strap to the same hooks the harness is attached to, located at the top ends of the EZ Way stand arms. Make sure the Seat Strap is loosely placed on the backside of the patient. NOTE: The Seat Strap is not a lifting accessory and should not be so taut as to lift the patient during the raising or lowering activity. Position the padded side of the Seat Strap so it faces the patient. Stand beside the patient, and using the hand control, press the UP button. Raise the patient slightly off the surface.



Slide the Seat Strap under the patient's buttocks. Press the UP button, and raise the patient to a standing position. Adjust the Seat Strap to the desired tension.

IMPORTANT: NEVER USE THE SEAT STRAP WITHOUT THE HARNESS.

Stand Support Strap

The Support Strap is used for additional lower body support and is effective in helping patients stand in an upright position. Before using the Support Strap, first fit the harness to the patient, then attach the harness to the EZ Way stand in the normal fashion. Press the UP button and raise the patient to a standing position.



Once the patient has been raised attach one loop at the end of the Support Strap to one of the hooks located at the base of the stand arms, just above the top of the actuator. Position the pad of the Support Strap behind the patient and attach the other loop to the opposite hook at the top of the actuator. Pull each strap to keep the pad centered and in place on the buttocks.

Place your hip in the center of the patient's buttocks, reach around the patient to grasp both straps on each side of the support strap, and gently press forward with your hip while tightening the straps on each side equally to keep the patient centered. Adjust the Support Strap to the desired tension.

IMPORTANT: NEVER USE THE SUPPORT STRAP WITHOUT THE HARNESS.

Note: Due to the constant support provided by this accessory, tension exists in both straps warranting careful removal of the Support Strap.

To remove the Support Strap place your hip behind the patient. Reach around the patient and gently release one buckle. Patient should gently, with your support and assistance, move into a slightly bent knee position with weight centered towards seated surface. Release second buckle or move Support Strap to the side. Follow patient lowering instructions on page 5.

Walker Handles

EZ Way offers Regular and Long Walker Handles for use in ambulating patients. The Walker Handles are adjustable in length to accommodate each patient's height, and are easily inserted into the handles of the EZ Way stand arms. Once inserted, adjust to desired height making sure the color-coded marks are aligned on each handle. To tighten and secure the Walker Handle in the arm, turn the knob on the end of each Walker Handle.



Harness laundering instructions

EZ Way harnesses are designed and manufactured to the highest possible performance specifications. They are constructed of high quality, durable, 100% synthetic fabrics and have been individually inspected before shipping to ensure the safety of the product. However, water washing temperature, detergents and disinfectants, patient incontinence, frequency of use, types and weights of patients, etc., all have an impact on the life expectancy of each product. Because of these factors, the continued integrity of the product is not guaranteed. The user must therefore examine the product to ensure its integrity before each use.

EZ Way offers a 6-month warranty on slings and harnesses and recommends replacement after one year or if the sling or harness shows any sign of damage or wear. All slings and harnesses, except for single-patient disposable slings and harnesses, are washable and are capable of bearing a 1,000 lb. weight load, but must only be used to hold the amount of weight dictated by the lift or stand capacity.

Users must accept full responsibility for checking the condition of all slings and harnesses before each and every use on a patient.

EZ Sling and Harness Laundering Instructions

To get the longest life out of your product:

- 1) Do not bleach.
- 2) To prevent stains from setting, rinse 5 minutes in 80° – 100° F. Stains will set when temperature is over 105° F.
- 3) Washing temp. 160° F. maximum.
- 4) RINSE THOROUGHLY in 100° F. If high alkaline detergent (with pH greater than 11.0) is used, rinse twice.
- 5) Tumble dry, temperature 100° F. maximum. High heat will weaken the fabric.
- 6) Snap the buckle together before washing and drying. This will prevent any damage to the plastic buckle.
- 7) If available, use a laundry bag to wash and dry the harness.

Charging the EZ Way stand battery

TWO battery packs and a UL Approved remote charging unit are included with each EZ Way stand (See FIG. 11).



Figure 11

NOTE: When switching battery packs, always remember to place the discharged battery pack into the charging unit so it will be fully charged and ready for use.

If the battery indicator on the EZ Way stand display window says “CHARGE BATTERY” or “SWAP BATTERY”, locate the remote charging unit and switch the depleted battery pack with the recharged battery pack.

NOTE: If the battery indicator reads “SWAP BATTERY”, the lift will go down, but not up.

The green light on the charging unit indicates the battery is fully charged; the red light indicates the battery is still charging. During the charging cycle, the lights may alternate from red to green. This is normal and should stop when the battery becomes fully charged.

The EZ Way stand battery packs have a long life and are fully sealed requiring no maintenance other than routine charging. The EZ Way stand charging system will never overcharge the battery. The charging cycle is approximately 6-8 hours. For optimal battery life, charge batteries frequently.

Mounting holes are provided on the bottom of the charger to mount the unit securely to a stud in the wall.

Emergency lowering procedure 400 lb and 500 lb Capacity EZ Way stand

- 1) Position patient over bed or chair.
- 2) Pull up on Emergency lowering one to three times.



- 3) Pull up on Emergency lowering handle and hold up.
- 4) Patient will slowly lower. To stop movement release handle.
- 5) Call Service department at 800-627-8940 for assistance.

800 lb Capacity EZ Way stand

- 1) Position patient over bed or chair.
- 2) Pull up on both Emergency lowering handles three times.



- 3) Pull up on both Emergency lowering handles and hold up.
- 4) Patient will slowly lower. To stop movement release handles.
- 5) Call Service department at 800-627-8940 for assistance.

Scale usage instructions

The EZ Premier model stands do not require zeroing of the harness and has a weight-lock feature.

- 1) Turn on the stand without anything else touching it. The scale will automatically zero.
- 2) Apply the harness on the patient and unit as directed in the Operating Instructions.
- 3) Raise the patient. Be sure no other object is touching the stand.
- 4) Press the weight key. The stand will display the weight, and when the = sign changes to a *, the weight will be locked in. The weight will appear on the display for four minutes unless the unit is turned off. The scale automatically deducts 1.5 lbs. for the harness weight.
- 6) To weigh another patient, repeat steps two through four.

NOTE: The ZERO key may be used to zero out the scale by pressing the button between weights, however this step is optional. The scale can calculate weight in both pounds and kilograms. Push the lb./kg key to select the unit of measurement desired.

EZ Way stand Safety & Maintenance Checklist

The EZ Way stand requires a minimum of servicing to keep it in good working order. Nevertheless, it is important that certain basic checks be periodically made by maintenance staff to ensure on-going safety throughout the life of the device.

The manufacturer suggests that the following components and operating points be scheduled for inspection at intervals not greater than one month. Any detected deficiency must be rectified before the stand is put back into service.

1. Check all bolts to ensure they are tight. Remove covers as necessary for inspection.



BASE



PIVOT



REAR WHEEL



FRONTWHEEL



LINKAGE



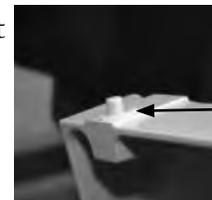
SPREADER

2. Check arm to mast pivot bolt by removing plastic cap to assure nut is tight and cotter pin is in place. If plastic cap is missing order replacement.



ARM TO MAST

3. Foot platform assembly pins need to be checked to assure they have not pushed in and still engage into base.



PIN ON FOOT PLATFORM

4. Check bolts on back of shin pad.



5. Safety tabs need to be checked to make sure they are installed correctly, not missing or torn.



6. Check mounting bolts of actuator top and bottom. Pay particular attention to top bolt hole for elongation.



ELONGATED



TOP OF ACTUATOR



BOTTOM OF ACTUATOR



Check actuator for the following.

1. Inspect the plastic housing for any dents or cracks.
2. Inspect the cables to see if they have been cut or pinched.
3. See if the actuator appears deflected when fully extended at full load.
4. Verify that the mounting points do not have any cracks or other defects.
5. Apply a heavy grease to actuator mounting pins as needed.
6. Verify that the inner or outer tubes do not have any dents, dings, or large scratches in them.

Contact EZ Way's Service Department if the actuator shows any signs of the issues listed above.

7. At six month intervals, attach a load equivalent to the rated capacity of the stand to the unit. Raise and lower the load with the stand. Listen for any unusual noises while operating the unit. With the test load applied to the stand, check all structural welds for any signs of stress or fatigue cracks. If any unusual noises or cracks are found, stop using the stand and call the EZ Way Service Department immediately!
8. Test the Emergency Stop Switch. If the switch does not stop the stand when activated, call the EZ Way Service Department immediately!
9. Perform a functional test of the emergency lowering feature of the stand actuator if it is so equipped.
10. Perform a functional test of the anti-pinch feature of the stand actuator. This feature turns the actuator off when lowering the stand arm if an obstruction is encountered.
11. Check all the wheels and brakes to make sure they are functioning properly. Hair that gets picked up and wrapped in between wheels should be cleaned out so that the stand will roll easily.
12. Do a visual check for any damaged, missing or loose parts. Repair as necessary.
13. Check the entire harness for damage or wear, including the loops and stitching. If damage or wear is present, discard the harness and order a new one. It is recommended that harnesses be replaced after one year or if the harness shows any sign of damage or wear.
14. When cleaning the stand, do not spray any liquid cleaners directly onto the front panel graphics. To clean, use a glass cleaner such as Windex, dampen a cloth and wipe the panel.

****IMPORTANT NOTICE****

It is the responsibility of the purchaser to ensure that regular maintenance inspection is conducted on this device by competent staff.

EZ Way stand Competency Checklist

Purpose: To assist in the proper training of operating the EZ Way stand.

Staff Name: _____ Date: _____ Observed by: _____

Yes No

1. EZ Way stand Pre-Operation Check

- a) Demonstrate how to turn EZ Way stand on/off
- b) Demonstrate how and when to change batteries
- c) What are the 3 different methods to raise/lower the resident/patient?
- d) Locate emergency stop button and its purpose
- e) Locate safety release button
- f) Check to ensure harness is in good condition, no excessive wear (loops, etc.)
- g) Does resident/patient have to be able to bear some weight?

2. EZ Way stand Operation

- a) When is the only time you lock the wheels on the EZ Way stand?
- b) Properly demonstrate the adjustments of foot plate and shin pad
- c) Demonstrate proper fitting of harness to the resident/patient
- d) Demonstrate proper attachment of the harness to the EZ Way stand
- e) Do you keep constant tension on the seat belt of the harness during the raising of the resident/patient? Why?
- f) Explain why you would use the seat strap. Please demonstrate.
- g) If the EZ Way stand is to be used as a walker, please demonstrate

3. EZ Way stand - Harness Removal

- a) Demonstrate proper removal of harness from underneath resident/patient

For any questions or concerns, please refer to the operator's manual attached to the EZ Way stand or the EZ Way stand video.

ANSWERS: 1a) Located on control panel. 1b) Change when meter nearing "E" (empty) or "Swap Battery" appears on display or if "Emergency Stop" appears yet button is not in down position. Remove battery by grasping handle and pulling towards body -- insert charged battery in battery housing. 1c) Using buttons on hand control, toggle switches on sides of control panel, "up" and "down" button face of control panel. 1d) Red button located on top of mast -- unit will not operate when button is in down position. 1e) Red tab located at base of actuator shaft. 1f) Look for intact stitching & seams, ensure buckle is in working condition, look for fraying or ripped loops and/or material. 1g) Recommend at least 15% - 20% weight bearing. 2a) When footplate is removed. 2b) Footplate has 3 vertical adjustments / Shin pad adjusts vertically and horizontally. 2c) Harness wings to be positioned 1" to 4" beneath underrams of patient / fasten buckle securely around waist. 2d) Secure one loop of each wing to the metal hooks at the end of the boom. 2e) Constant pressure should be applied as patient stands -- midsection thins out when raising patient. 2f) Seat strap used for additional support. 2g) Walker handles used for walking assistance, remove footplate, attach harness with longest loop, lower boom so handles are parallel with floor, adjust handles to comfortable length. 3a) Once patient is lowered to seated position, unfasten buckle, detach loops, remove harness from behind patient.

LIMITED WARRANTY

Premier Lifts and Stands

Frame = 10 Years

Components = 3 Years

Batteries = 12 Months

Slings/Harnesses = 6 Months

EZ Products are manufactured with the highest quality components. EZ Way Inc. warrants that all new equipment, with normal use and service, will be free from defects in material and workmanship for a period of (see above) from the date of purchase by the original purchaser. Normal wear and tear, injury by natural forces, user neglect and purposeful destruction are not covered by this warranty. Warranty service must be performed by the manufacturer at 710 E. Main St., Clarinda, Iowa., or by an authorized repair center at their location. On occasion, EZ Way Inc. may authorize in-house repairs, but these repairs MUST be pre-approved to avoid invalidation of the warranty. Services covered under warranty include any labor that takes place at EZ Way Inc. Cost of Labor incurred while installing the warranty part at the place of ownership is not covered by this warranty. EZ Way Inc.'s obligation is limited to the replacement of parts that have been returned and are determined by EZ Way Inc. to be defective. THE PROVISIONS OF THIS WARRANTY CLAUSE ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON EZ WAY INC.'S PART AND IT NEITHER ASSUMES OR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR EZ WAY INC. ANY OTHER LIABILITIES IN CONNECTION WITH THE SALE OF SAID ARTICLE. IN NO EVENT SHALL EZ WAY INC. BE LIABLE FOR ANY SUBSEQUENTIAL OR SPECIAL DAMAGES. ANY MISUSE, IMPROPER INSTALLATION OR TAMPERING SHALL VOID THIS WARRANTY. Your warranty was registered automatically by EZ Way Inc. at time of purchase.
