EASY-LIFT HARNESS

OPERATOR'S MANUAL
LANDSCAPE & ARBORIST MODELS

US PATENT # 6,481,108

EASY-LIFT HARNESS

LANDSCAPE & ARBORIST MODELS

IMPORTANT

ATTENTION!

The EASY-LIFT Harness is intended for PROFESSIONAL USE ONLY!

The EASY-LIFT Harness is an extraordinary device with unique operating characteristics.

It is highly recommended that the owner and operators of this equipment read and follow **ALL** instructions in this manual.

Make all adjustments and become familiar with the device **BEFORE** using it.

Best results will depend on:

- Proper fit
- Proper adjustment
- Proper maintenance
- Safe operation

The EASY-LIFT Harness is the finest full-range lifting harness developed for the Landscape & Arborist industries.

TAKE CARE, USE IT AND ENJOY!

EASY-LIFT PRODUCTS INTERNATIONAL, INC.

SAFETY INSTRUCTIONS

SAFETY FIRST! Safety is the first and most important rule when operating this equipment. The EASY-LIFT Harness is designed to make work easier and less strenuous while working safely on the ground. Please read and follow these simple guidelines when using the EASY-LIFT Harness to ensure your safety.

SAFETY GUIDELINES

- **ALWAYS** wear protective eyewear, headgear & clothing.
- **ALWAYS** test the operation of your EASY-LIFT Harness before starting your implement.
- **ALWAYS** maintain two-handed control of the implement after it is connected to the harness.
- **ALWAYS** shut off the implement and wait for it to stop before disconnecting from the harness.
- **NEVER** run when using the EASY-LIFT Harness.
- **NEVER** operate the EASY-LIFT Harness near electrical wires and other overhead obstacles that may come in contact with the upper assembly.
- **NEVER** use the EASY-LIFT Harness on steep slopes, ladders, chairs, stools, lifts or in any condition where falling is likely to occur.
- **NEVER** fill the gas tank of your implement while connected to the EASY-LIFT Harness.

This device is intended for outdoor use only.

Be familiar with your equipment and make all adjustments to the backrest, shoulder straps, waist adjustments and sternum strap before attaching an implement.

Make all balance point and lifting force adjustments to your implement before operation.

If your harness becomes damaged, DO NOT attempt to straighten any kinked or bent parts! DO NOT modify or alter the equipment in any way.

Call EASY-LIFT Products International or your local dealer for information on replacement parts or adjustments.

EASY-LIFT PRODUCTS INTERNATIONAL

1 (866) 231-0778

M - F : 8:00AM - 5:00PM EST

USA

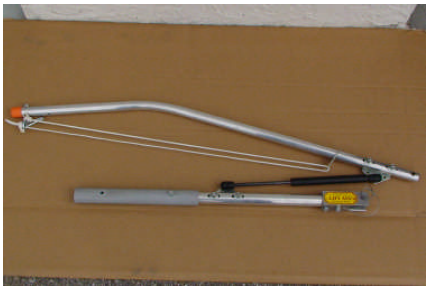
www.easyliftharness.com/dealers

EASY-LIFT™

ASSEMBLY

The EASY-LIFT Harness has 3 main parts to assemble.

1. The upper assembly.*



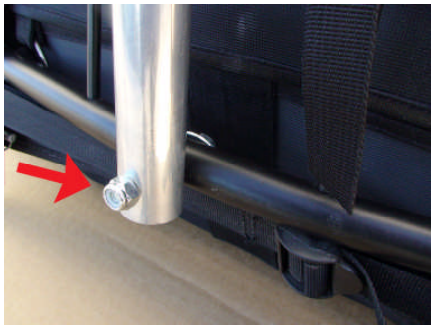
consists of the boom, the upper mast & the gas spring

2. The lower mast.

3. The backpack frame.

Assembly of your EASY-LIFT Harness is simple and should be done as follows.

STEP 1 Fasten the lower mast to the backpack frame with the bolts provided. When the lower mast is properly in place, it should be at a slight angle as shown in the picture below. DO NOT over tighten the nuts as you may crush the tubing.



STEP 2 Connect the boom & upper mast with the quick release pin. When properly connected, the pin should pass through the yoke & the brass bushing on the boom.

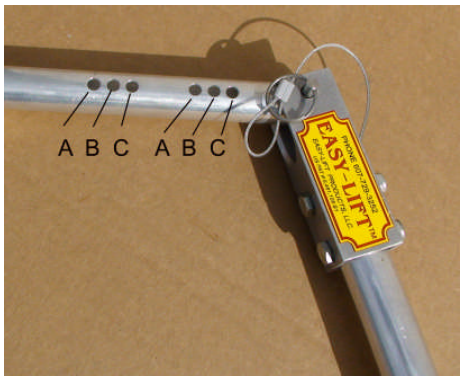
ASSEMBLY

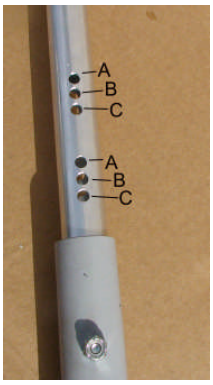
STEP 3 Connect the upper & lower assembly with the connector tube and bolt provided. Finger tighten the nut and then tighten only 1/4 turn with a wrench. DO NOT over tighten as you may crack the connector tube.

YOUR EASY-LIFT HARNESS IS NOW COMPLETE!

ADJUSTING THE FORCE RANGE

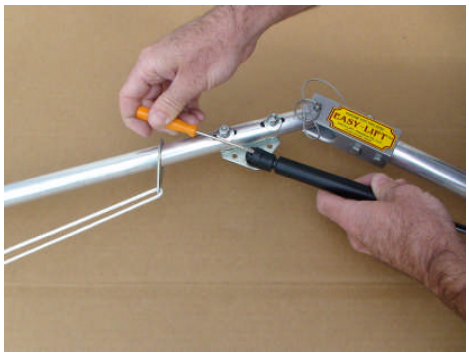
There are 3 force ranges provided with each EASY-LIFT Harness. Each harness is set at the middle or "B-B" position. *(You may want to keep this position as it is the best for most implements.)* Moving the gas spring to the "C-C" position will slightly increase the lifting force while moving to the "A-A" position will slightly decrease the lifting force.





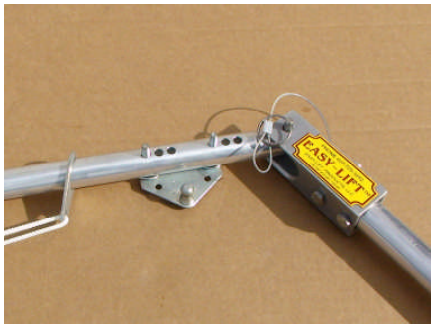
To make this adjustment please follow these instructions.

STEP 1 Remove the gas spring by sliding a small flat screwdriver blade under the retention spring located at both ends of the gas spring and lift.



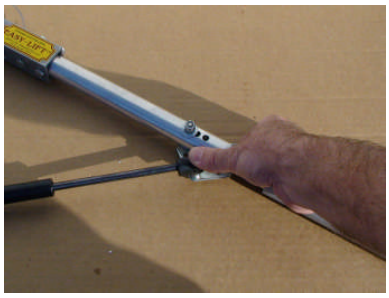
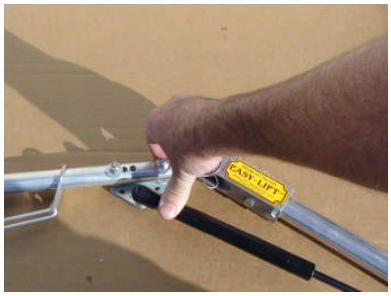
STEP 2 Remove the spring mounting brackets with a wrench and socket as shown. ***(for ARBORIST models you will need to remove the outer gas spring & brackets first and then the inner gas spring & brackets.)***

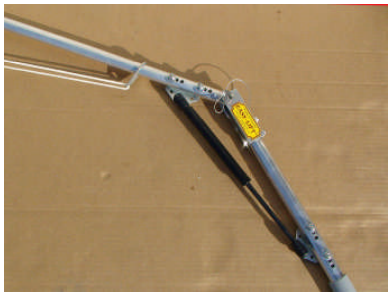
STEP 3 Place the spring and mounting bracket in the new position. (i.e. - "A-A" or "C-C") ***DO NOT attempt to mismatch positions like "A-B" or "C-B"***



STEP 4 Reassemble with bolts, washers & nuts. Place gas spring in position by firmly pressing each end onto mounting bracket until it snaps in place. ***(Make sure the "piston rod" of the gas spring is on the bottom and "cylinder" on top.)***

NOTE - ARBORIST MODELS MUST BE REASSEMBLED WITH INNER GAS SPRING (#752800) & OUTER GAS SPRING (#1424EY). DO NOT SWITCH.



OPERATION & ADJUSTMENT

PREPARE THE CORD

- Set the slide toggle near the end of the boom so the rope extends downward as far as possible. Make sure the snap hook is clipped on the eyebolt.

1-1

STRAPPING IN

2-1 Hold the EASY-LIFT Harness at the connector tube with one hand.

2-2 Position the backpack frame on your back while sliding on arm in the shoulder strap.

2-3 Release hand from the connector tube and place remaining arm in strap.

2-4 Connect waist strap & sternum strap. Tighten waist, shoulder & sternum straps.

2-1

2-2

2-3

2-4

ATTACHMENT & ADJUSTMENT

3-1 Grasp the cord and pull the boom down with one hand.

3-2 Remove the snap hook from the eyebolt and attach to the loop at the end of the cord.

3-3 Set the toggle to the desired operation position.

3-4 Attach the implement to the snap hook.

Note: Readjust the toggle as necessary so you are able to use the implement as low or high as necessary.

3-1

3-2

3-3

3-4

WARNING - DO NOT set the toggle position so that the boom hits your head.
Always maintain control of the implement with both hands.
Never set the force range so the implement lifts on its own.

CONVERTING ARBORIST TO LANDSCAPE

****ARBORIST MODEL ONLY****

The ARBORIST Model has two gas springs and is designed specifically for extended power pole saws. If you wish to convert your ARBORIST Model to a LANDSCAPE Model for use with lighter implements you will need to remove the outer gas spring as follows.

- Remove the outer gas spring by sliding a small flat blade screwdriver under the retention spring at both ends of the gas spring and lift.

1

2

3

4

ARBORIST MODEL

LANDSCAPE MODEL

With only the inner gas spring remaining, you now have a LANDSCAPE Model EASY-LIFT Harness

EASY-LIFT PRODUCTS INTERNATIONAL COPYRIGHT 2010

1-YEAR LIMITED WARRANTY

WARRANTY

This is the only warranty that applies to this product, and it sets forth all the responsibilities of EASY-LIFT Products International, regarding this product. There is no other warranty than that described herein.

The EASY-LIFT Product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from date of purchase without any additional charge. Incidental and consequential damages due to normal wear & use are specifically excluded from coverage under this warranty.

WARRANTY POLICY

Replacement parts are available at your EASY-LIFT Harness dealer with proof of purchase.

LIMITATIONS

This warranty does not cover defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping, modifications, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and acts of God.

If your problem is not covered by this warranty call Technical Support @

(941) 485-0262 or toll free (866) 231-0778

NEW FEATURES

ALL Models

The NEW Carabiner and "Carabiner Safety Strap"

Shown here are two new additions to the EASY-LIFT Harness (All Models). On the right shoulder strap you will see the "Carabiner Safety Strap". This keeps the carabiner and cord out of your way when "putting on" and "taking off" the harness. You will need to draw the toggle all the way to the end of the boom in order to attach the carabiner to the safety strap.

Also shown here is the new carabiner. There's no explanation needed. It's bigger, better and easier to use!

ARBORIST & LANDSCAPE Models

All EASY-LIFT Arborist & Landscape models now have the "EASY-GRIP" 1" strap for handheld implements. To attach, simply wrap around the handle of the implement and fasten with the velcro. When ready to use, just attach the carabiner to the ring and get to work.

ARBORIST Model Only

The EASY-LIFT Arborist model will also have the "EASY-GRIP" 2" strap for use with extended power pole-saws. To attach, find the balance point of the saw, then wrap around the shaft of the power pole-saw at that point and fasten with the velcro. When extending or retracting the shaft make sure to move the "EASY-GRIP" by sliding to the new balance point.