



Genesis 400 Series

**HYDRAULIC OR BATTERY
OPERATED**

MODEL : 400H / 400LE / 400LK



The Future of HomeCare Lifting is Here!

Bestcare
L.L.C.

Thank you for choosing the Genesis 400

To better serve you, please record the following information:

Dealer Name: _____

Telephone: _____

Serial #: _____

Date of Purchase: _____

INSPECT YOUR MERCHANDISE

Upon receipt of your ApexLift[®], verify that all merchandise is complete and free from any shipping damage. Refuse delivery if the packaging appears to be badly damaged. If the merchandise is received damaged or is missing components, contact the shipping company immediately and file a claim.

For further assistance, contact your local dealer or Bestcare LLC.

Bestcare LLC.

5885 Shiloh Road, Unit 104

Alpharetta, GA 30005

U. S. A.

Toll free : 1-877-822-9033

Tel : 678-679-6690

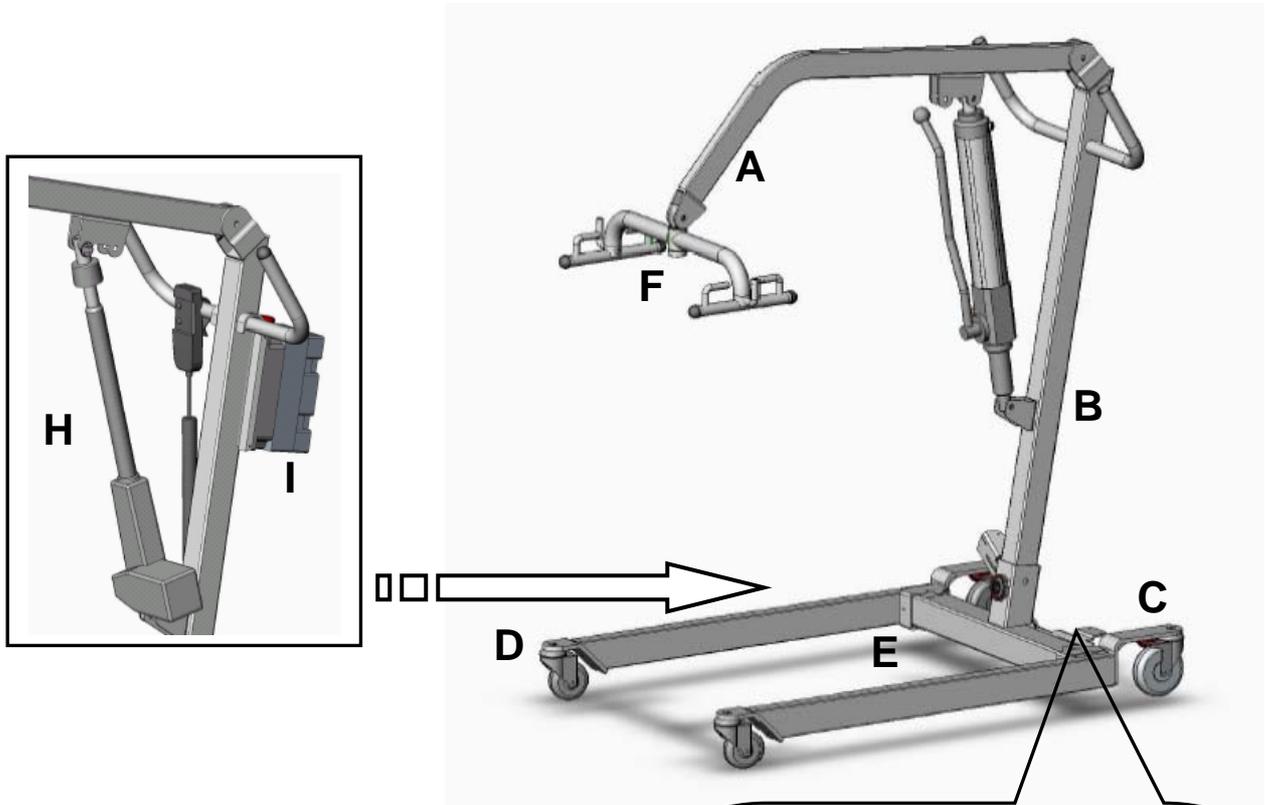
Fax : 678-679-6697

Web Site: www.bestcarellc.com

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Genesis 400 Series ApexLift®

Retrofit to Electric by ordering Kit# 400LK



- A. Boom
- B. Mast
- C. Caster Brake
- D. Front Caster
- E. Base
- F. Spreader Bar
- G. Foot pedal
- H. Actuator
- I. Control Box
- J. Hydraulic Pump (400H) Interchangeable with Electric

Retrofit Kit # 400LK.

Genesis 400H Overview

1. Carefully unpack box saving box and packaging.
2. Follow owner's manual for assembly and use of Genesis 400H.
3. Lock wheels on Base so the Base remains stationary.
4. Slide Mast into square sleeve at the back of the Base.
5. Secure the Mast with the Bolt, Washer, and Black Hand Nut provided. Tighten Mast Securely.
6. Secure Boom to Mast also using the Bolt, Washer, and Black Hand Nut provided. Tighten Boom securely.
7. Attach Spreader Bar to Boom with Keeper Pin and key ring provided. Secure Spreader Bar.
8. Attach Hydraulic Actuator to the Mast with Keeper Pin and key ring then attach Hydraulic Actuator to the Boom in the same fashion. See picture below.



Genesis 400LE Overview

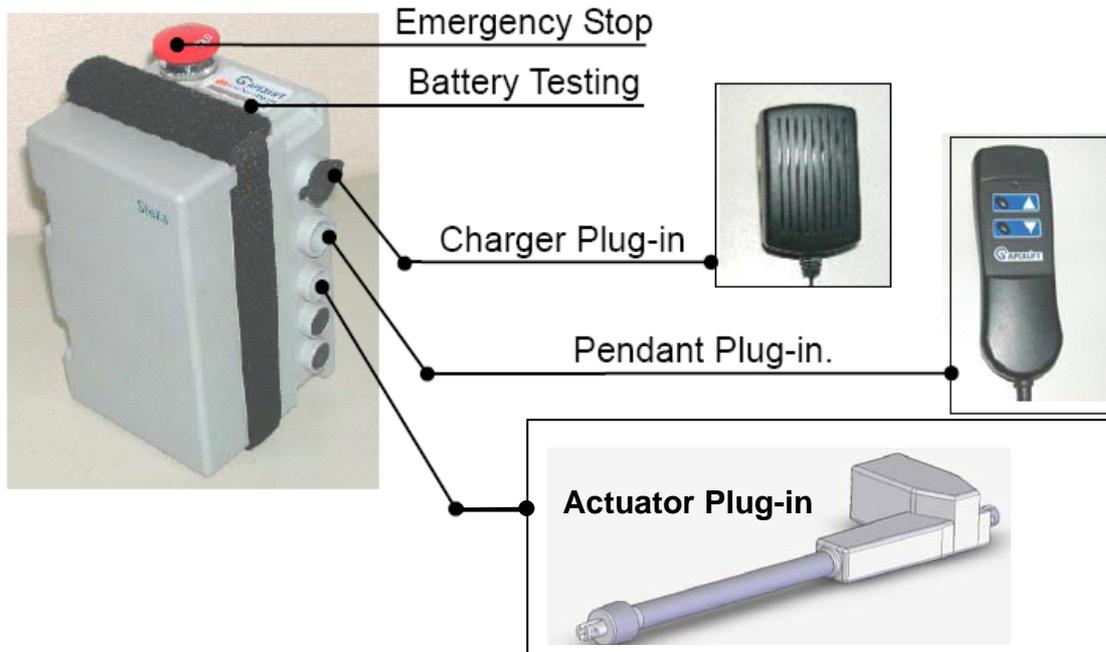
1. Carefully unpack box saving box and packaging.
2. Follow owner's manual for assembly and use of Genesis 400LE.
3. Lock wheels on Base so the Base remains stationary.
4. Slide Mast into square sleeve at the back of the Base.
5. Secure the Mast with the Bolt, Washer, and Black Hand Nut provided. Tighten Mast Securely.
6. Secure Boom to Mast also using the Bolt, Washer, and Black Hand Nut provided. Tighten Boom securely.
7. Attach Spreader Bar to Boom with Keeper Pin and key ring provided. Secure Spreader Bar.
8. Attach Electric Actuator to the Mast with Keeper Pin and key ring then attach Electric Actuator to the Boom in the same fashion. See picture below.
9. Hang Control Box on Lift Handle Bars, plug in plugs for **1.)** Charger, **2.)** Hand Control, **3.)** Electric Actuator.



DIAGRAM OF CONTROL BOX

Used with Genesis 400LE only.

(Battery upgrade kits can be ordered for the Genesis 400H)



SAFETY INSTRUCTIONS

The Genesis 400 Series ApexLift® reflects innovative state of the art design allowing use either hydraulically or battery operated. The Genesis 400H can be upgraded through a battery retrofit kit (#400LK). The Genesis 400 Series, hydraulic or battery operated patient lift will provide years of excellent service.

Please pay careful attention to the following important information regarding the care, maintenance, and operation of the Genesis 400 Series Manual/Battery Patient Lift. Carefully read these instructions before assembling the lifter, or attempting to lift any user with the device.

PLEASE NOTE THE FOLLOWING:

- Special care must be taken with patients who are comatose, spastic, agitated, or otherwise severely handicapped. A competent caregiver must always be present during any patient lifting.
- The Genesis 400 Series ApexLift® should be used solely for transferring a user/patient from one utility (beds, toilets, etc.) to another. The patient lift should not be used for transporting or moving any patient from one location to another location.
- During lifting or lowering, whenever possible, always keep the base of the lift in the widest position. (Use foot pedals) While lifting wheels should NOT be locked.
- The base of the lift should be closed before moving the lift.
- Do not roll casters over any object while the user/patient is being transported.
- While being lifted in a sling, always keep the user/patient centered over the base and facing the caregiver operating the lifter.
- Maximum weight that can be safely lifted is 400 pounds. Never attempt to lift more than 400lbs under any circumstances.
- The Genesis 400 Series ApexLift® allows a person to be lifted and transferred safely with minimum physical effort provided by the caregiver. Before attempting to lift anyone, please practice using sling and lifter several times.

WARNING!

Do not attempt to transfer a patient without prior approval of the patient's primary professional caregiver. Also, do not transfer without having studied the instructions and practiced operating the product several times. Together with the patient's doctor, nurse, or medical attendant, select an ApexLift® sling that is both practical and comfortable. The sling selected should be one that serves the needs of the patient, while providing the patient with optimal safety. Have a doctor, nurse, medical attendant, or caregiver (experienced in the use of the Genesis 400 Series ApexLift®) present during the first few times the lift is used to lift or transfer a patient. ApexLift® slings are specially designed for ApexLift® equipment. Do not use slings manufactured by other companies with any ApexLift® equipment. **USING NON- ApexLift® SLINGS ON ApexLift® EQUIPMENT IS UNSAFE AND MAY RESULT IN SERIOUS INJURY TO USERS AND CAREGIVERS.** Bestcare LLC. is not responsible for any consequence resulting from the use of non- ApexLift® slings on ApexLift® equipment.

WARNING!

Do not put anything (e.g. cushion, pad, etc.) between the user and the sling. This may cause the user/patient to slide out of the sling and cause injury.

Avoid personal injury by making sure no children or pets are near the Genesis 400 Series while it is in motion.

Avoid personal injury by making sure all extremities (such as fingers, arms, legs, or feet) are clear of the lift mechanism while it is in operation. Patient should be secure inside sling. Caregiver must give special attention to patient during lift process.

Avoid personal injury and possible damage to the Genesis 400 Series Lift by making sure the maximum weight limit of 400 lbs. is not exceeded.

WARNING!

Replace any worn parts with only ApexLift® parts. ApexLift® parts are not interchangeable with parts from other patient lift brands. Using other patient lift parts on ApexLift® products is unsafe and may result in serious injury to user and caregiver. Bestcare LLC. is not responsible for any consequence resulting from the use of non- ApexLift® parts and components.

Avoid personal injury by making sure the battery is not being charged while any electrical inspection or mechanical work is being accomplished. Contact your Dealer if any Battery or Lifting problem is detected. You may also contact Bestcare LLC. at 1-877-822-9033.

WARNING!

Service and repair of ApexLift® equipment should be performed only by Bestcare LLC. or by an authorized dealer. Bestcare LLC. is not responsible for any consequence resulting from any unauthorized service or repair.

CAUTION

Avoid damage to the Genesis 400 Series by keeping foreign objects from coming into contact with the lift mechanism. Make certain that your working area is clear of any obstructions.

NOTE

Arrange all necessary items (lift, slings, commode chair or wheel-chair) for a smooth, safe transfer. The user/patient being transferred should be positioned in the center of the area being transferred from (i.e. bed, wheel chair, chair, commode, etc.) before being lifted, as well as when he/she is returned. Keep lifter base widened (use foot pedals to accomplish this) and brakes unlocked during lifting. If the brakes are locked during the lift process, the lift may become unstable.

INSTALLATION INSTRUCTIONS

WARNING!

The lift is approx. 75 lbs. Therefore, avoid injury and **DO NOT** attempt to remove the lift from the box without assistance.

Assemble the patient lift in accordance with the following instructions:



Step 1. Engage the brakes so the Base does not move. Place the Mast into the square sleeve at the back of the Base. From the Mast (front) slide the Stove Bolt into the pre-drilled slot. Next slide the Washer onto the Stove Bolt on the back side of the Mast. Finally, use the Black (no tool) Hand Nut to secure the Mast in place. Make sure the Hand Nut is holding the Mast securely in place. Secure the Boom to the Mast using the supplied bolt, washers and Black Hand Nut. (Washer on same side of Black Hand Nut) See Hand nut in diagram A.

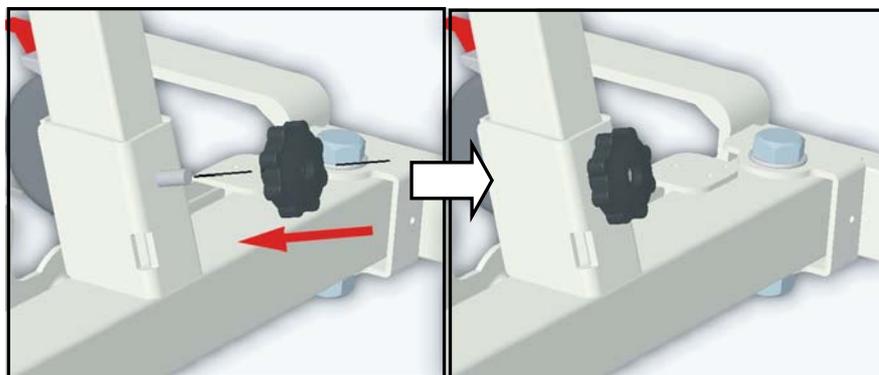
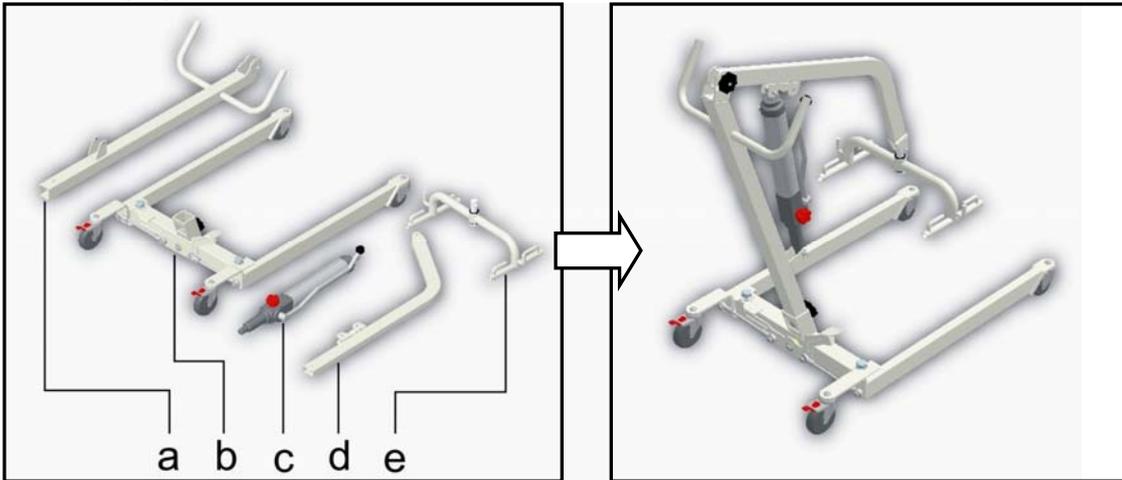


Diagram A

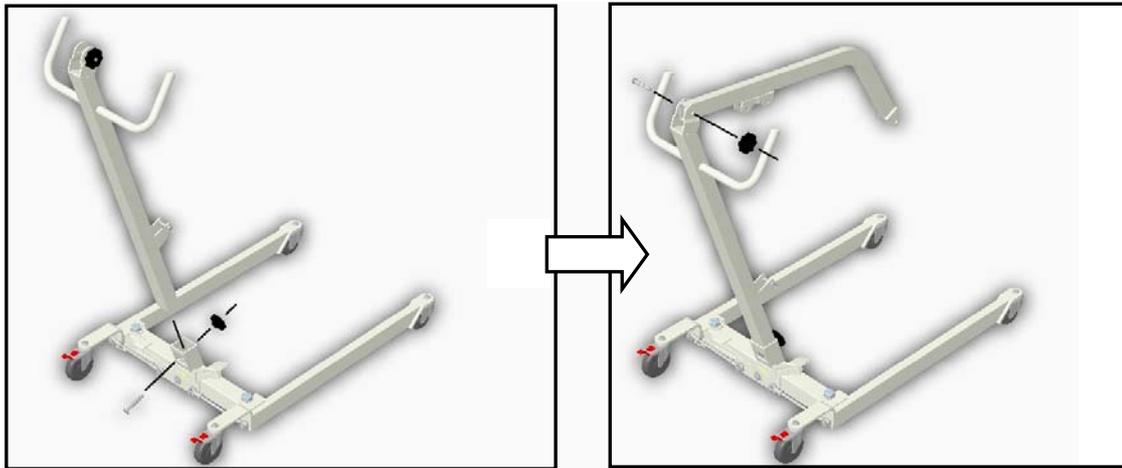
- Hand Nuts secure the Mast to Base and the Boom To the Mast.

Pictorial Installation Instructions

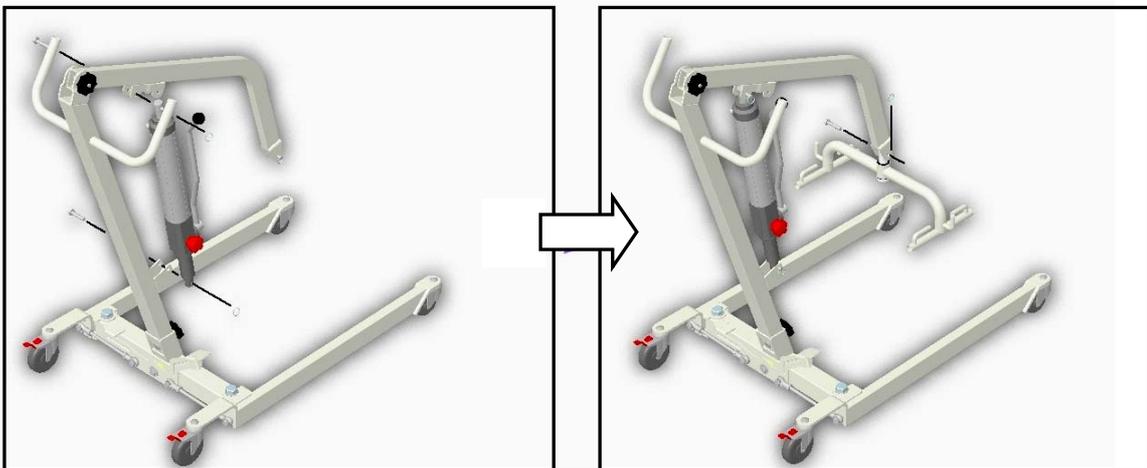
STEP 1: Equipment Overview



STEP 2: Base, Mast, and Boom Assembly

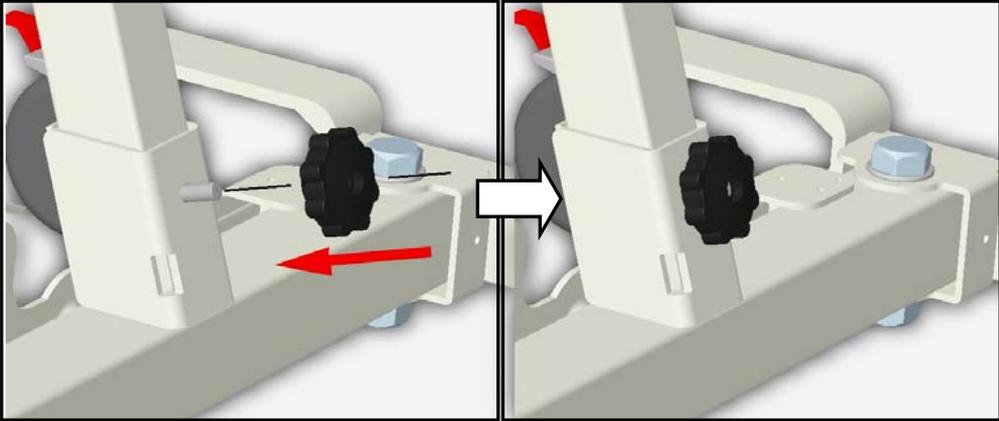


STEP 3: Pump/Actuator, and Spreader Bar

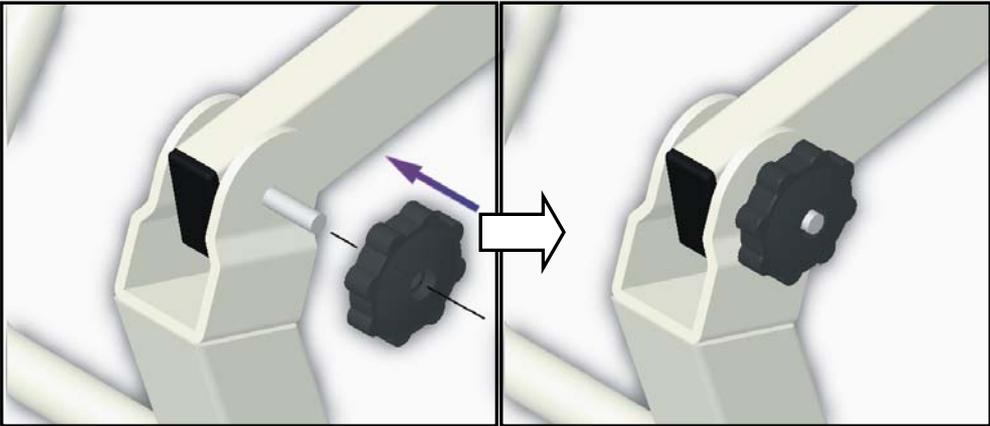


Installation Close Ups

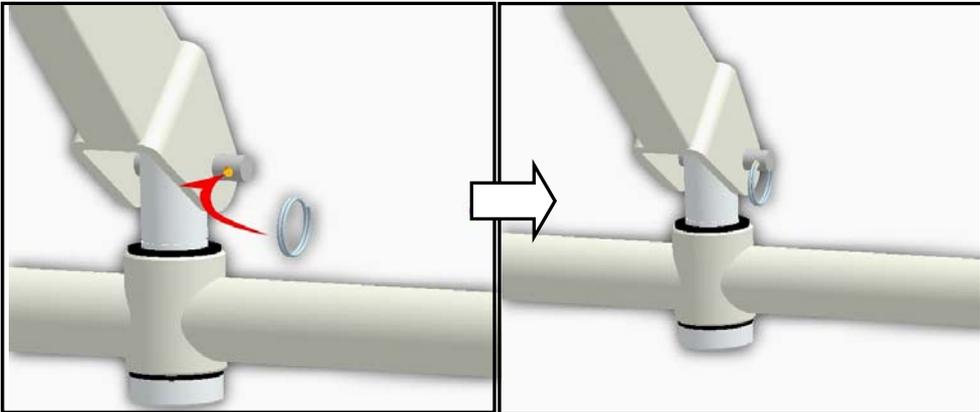
- Securing Mast to Base



- Boom to Mast and Tighten SECURELY.



- Secure Spreader Bar to Boom



Step 2. Attach the Gray Control Box Hanging Bracket to the Caregiver handles on the Mast. (Notice this step is only for the Genesis 400LE)

For your information: The Genesis 400 Series ApexLift® comes in either the Genesis 400H Hydraulic (Manual Operation) or the Genesis 400LE (Battery Operation). If you have purchased the Genesis 400H, you can upgrade to a Battery Operated lift by simply contacting your dealer or Bestcare LLC. to order the Genesis 400LK Retro Fit Electric Kit. Our telephone number is 1-877-822-9033.

Genesis 400H /400LE Users: The Genesis 400 Series ApexLift® Lift comes completely assembled except the assembly of the Hydraulic Pump / Electric Actuator, and connections at the Base & Mast, and the Mast & Boom. The Spreader Bar must be attached also. As already instructed the Base & Mast, and Mast & Boom, are assembled by the bolt, washer, and Black Hand Nut supplied. The information about the Genesis 400LE does not apply to the Genesis 400H end user or caregiver. If you have any question at this point call your dealer or Bestcare LLC.

Step 3. Installation: Hydraulic Pump/ Electric Actuator

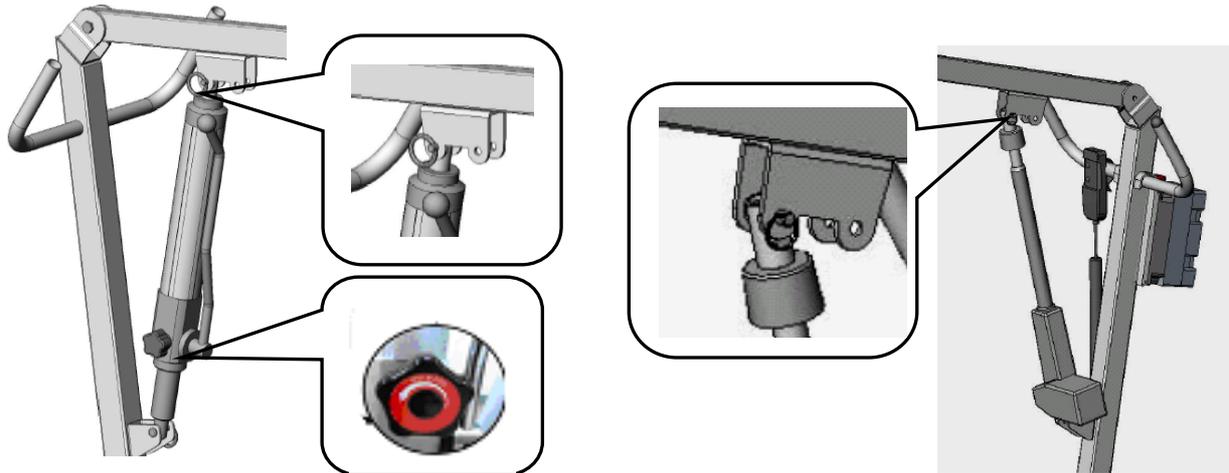
A. Attach the bottom of Pump/Actuator to the bottom bracket on the Mast and insert keeper pin.



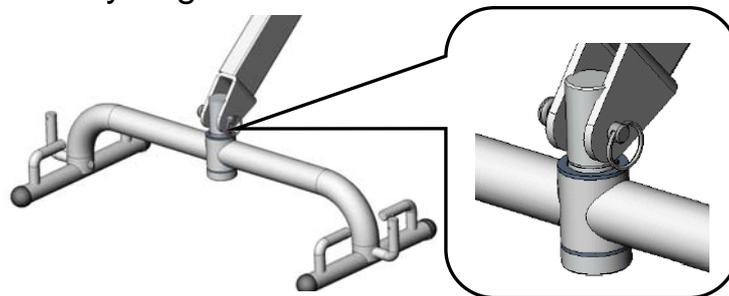
B. Attach the top of the Actuator to the top bracket on the Boom and insert the keeper pin and key ring.

Connection is the same for 400H & 400LE.

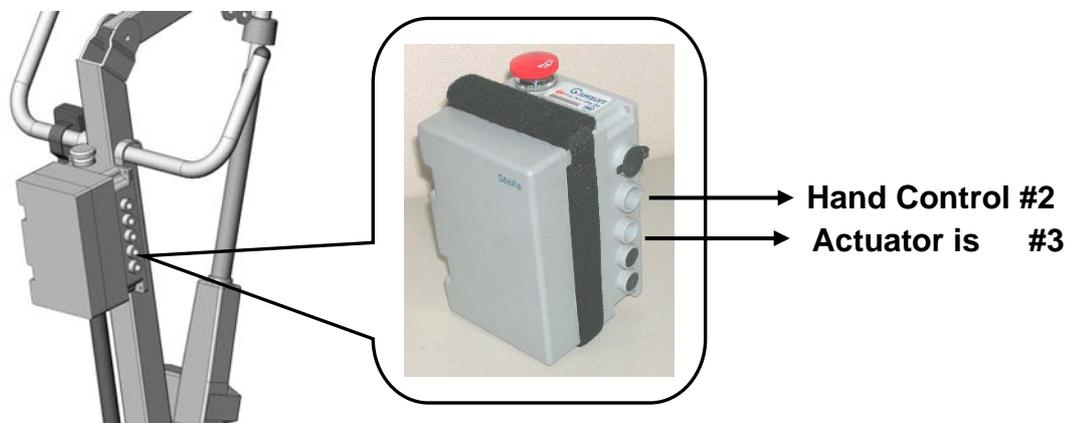
The Genesis 400 Series Lift operates either in a Hydraulic or an Electric mode. The picture to the left shows an Hydraulic Actuator and to the right a Electric Actuator. See the next page for specific.



C. The Spreader Bar is attached to the Boom of the 400H /400LE by the Keeper Pin and key ring as seen below.



Step 4. Insert Actuator Plug into Control Box. (Genesis 400LE Only)



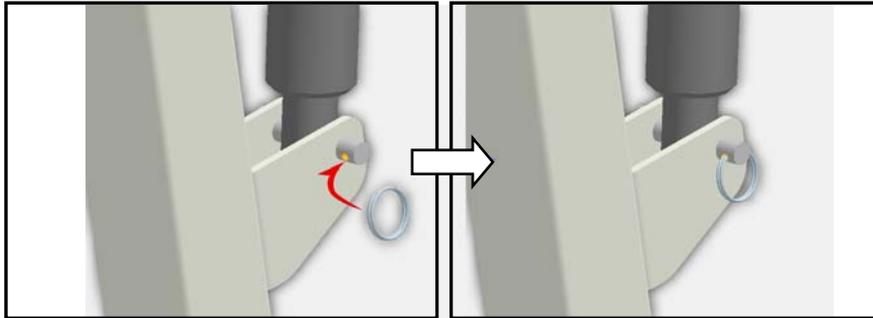
Notice: (Genesis 400LE Only)

The Hand Control is in slot #2 / Actuator is slot #3

Hydraulic or Electric Actuator Assembly

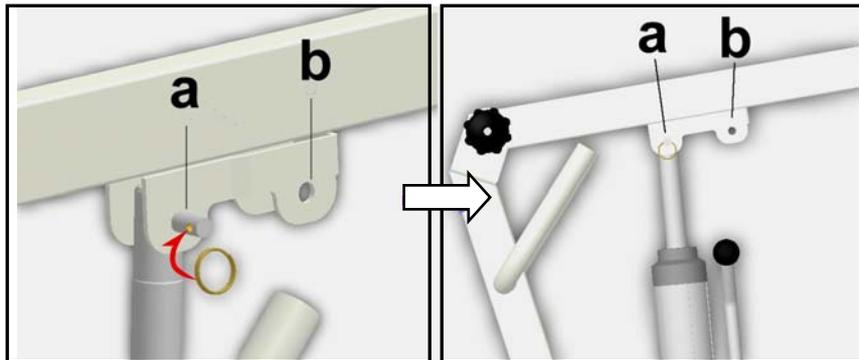
1. Attach the bottom of either the hydraulic cylinder or the electric Actuator to the lower bracket on the Mast as pictured below.

Secure the Actuator with Keeper Pin and Ring.



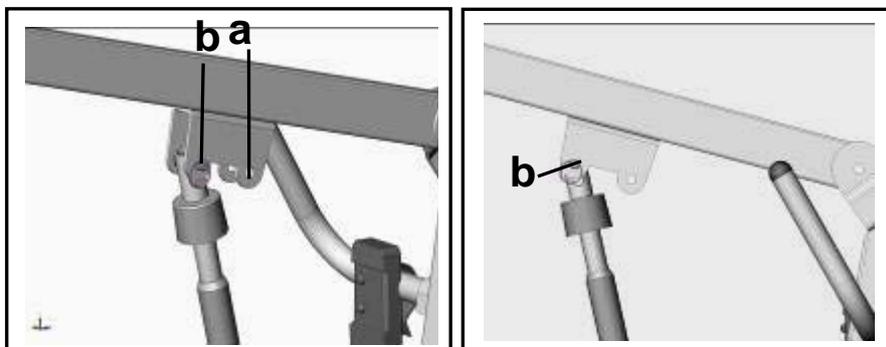
Attach the top of the Hydraulic cylinder or the electric Actuator to the Boom bracket. (See diagram below)

2. Hydraulic Cylinder should be at position (a).



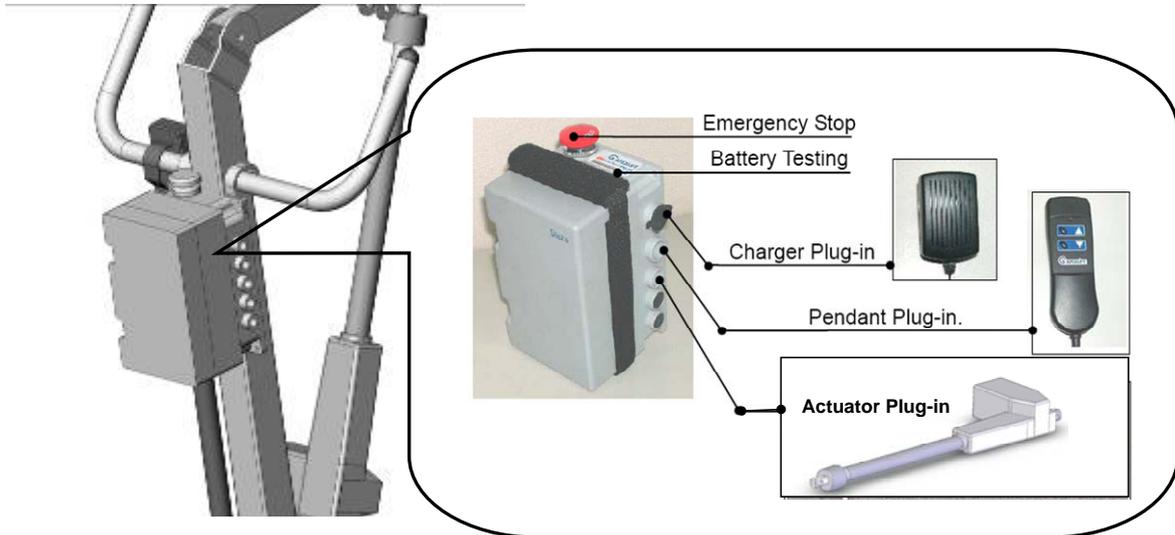
3. If you have an Electric Retrofit Kit, attach the top of the Electric Actuator to the Boom.

Electric Cylinder should be at position (b)



Electric cylinder should be at position (b).

Step 5. Insert the Pendant Plug (Hand Control) into the Control Box. (Notice: Actuator & Hand Control are plugged into Control Box) Notice also where the Battery Charger and the Actuator Plug into the Control Box. Leave the plugs in the Control Box as much as possible.



NOTE: Prior to using the Genesis 400LE, charge the batteries overnight. (CHARGE FOR AT LEAST 10 HOURS BUT NOT MORE THAN 12 HOURS)

Note: The **red knob** on the Control Box must be in the up position to charge batteries and to operate lift. Place in Down Position every time lift is not in use.

MAINTENANCE & INSPECTION CHECKING LIST

The operator of the lift is to inspect the Genesis 400 Series ApexLift® before each use. Check all bolts for tightness. Make sure the base can be easily widened, and that all lift parts are in place. Make sure all casters turn freely, and that the caster brakes can be engaged. Make certain all necessary items (i.e. slings, wheel chairs, etc.) are accessible and ready for use. Check No Tool Hand Nuts also. At least once a month, the lift should be thoroughly inspected by a person qualified to recognize any signs of wear, and looseness of bolts or parts. Replace any worn parts immediately. To lubricate, place a drop of oil on the following points: Top of Mast, Spreader Hinge, and Caster Axles when the 400H or 400LE is assembled and every month thereafter.

CHECKING BATTERY CAPACITY

Check batteries by pressing the Battery Indicator (blue circle with a battery sign). The status of the battery is indicated by LED lights and is listed in the following table:

RED	AMBER	GREEN	GREEN	GREEN	STATUS
ON	ON	ON	ON	ON	FULLY CHARGED
ON	ON	ON	OFF	OFF	NEEDS CHARGE
ON	ON/OFF	OFF	OFF	OFF	CHARGE IMMEDIATELY.DO NOT USE THE LIFT.
OFF	OFF	OFF	OFF	OFF	BAD BATTERIES OR BAD CONNECTION

CHARGING THE BATTERIES

- Make sure the battery box power switch is " ON " (i.e. the red button is up). Battery will not charge unless the red button is turned 1/4 turn counterclockwise. This action assures the red button is in the correct up position.
- Insert the charger into the charging socket on the Grey Control Box (the top slot). Caution: Be very careful to correctly align the charger plug and the charging socket or you will damage one or both of these components.
- Plug the charger to the power supply. (Wall outlet)
- All LED indicator lights should be "ON" while charging.
- When one green LED indicator light is illuminated, the batteries require approximately 2-3 hours to be fully charged.
- When only the red LED indicator light is illuminated, the batteries require approximately 7-9 hours to be fully charged.
- Do not charge the batteries over 12 hours.
- Unplug the charger FIRST before using the lift. The Genesis 400LK / 400LE WILL NOT OPERATE WHILE THE BATTERIES ARE BEING CHARGED.
- Replace the batteries when frequent charging is required.

WARNING BUZZERS

The control box has a buzzer that provides you with information on the status of the batteries and the lift. To stop the buzzer, push down the RED RESET button or press the Battery Indicator.

BUZZER TYPE	STATUS	NOTE
2 beeps per second	Low Battery (red/amber lights on)	Charge batteries immediately.
3 beeps per second	Low Battery (red light on)	Charge batteries immediately.
6 beeps per second	Very Low Battery (no light on)	Charge batteries immediately.
3 beeps every other second	Bad Battery (no light on)	Replace batteries.
3 long beeps	Overloaded. Batteries are charged but lift does not lift.	Maximum load capacity exceeded.

Important Notes On Charging

Push lift to an appropriate location and charge the batteries with the charger provided. Avoid unplugging the hand control and motor from the control box. Frequent plugging and unplugging of the hand control and motor to and from the control box may damage the control box.

OPERATING INSTRUCTIONS

NOTE: Turn the lift “ON” by turning the red “RESET” button clockwise. Turn the lift “OFF” by pressing down the “RESET” button.

MAINTENANCE SCHEDULE

Item	In the Beginning	Monthly	Every 3 months
<p>Boom & Spreader Bar: Check connections between 1) Boom and Spreader Bar and 2) Boom and Mast for improper connection, looseness, or wear. Check the Boom for bending and deflection.</p>	● ●	● ●	
<p>Mast: Check the Mast for bending or deflection. Check the steering bar for damage or loose screws.</p>	● ●	● ●	
<p>Base & Foot Peddle: Check bolts and nuts for looseness. Check casters and axle bolts for tightness. Check rubber parts on the casters for deflection. Apply grease to caster ball bearings if needed.</p>	● ● ●	● ●	● ●
<p>Cleaning: As needed.</p>			●
<p>Actuator & Control Box: Make sure the control box is firmly affixed to the mast. Make sure the pins are firmly affixed the actuator to the Boom and the Mast. Make sure the connecting cable of the actuator and the control box is not loose. Make sure the Battery Indicator has least 2 green LED lights illuminated prior to use.</p>	● ● ● ●	● ● ● ●	
<p>Slings & Sling Hardware: Check sling for wear. Check sling hardware every time before use.</p>	● ●	● ●	

Transfer From Bed

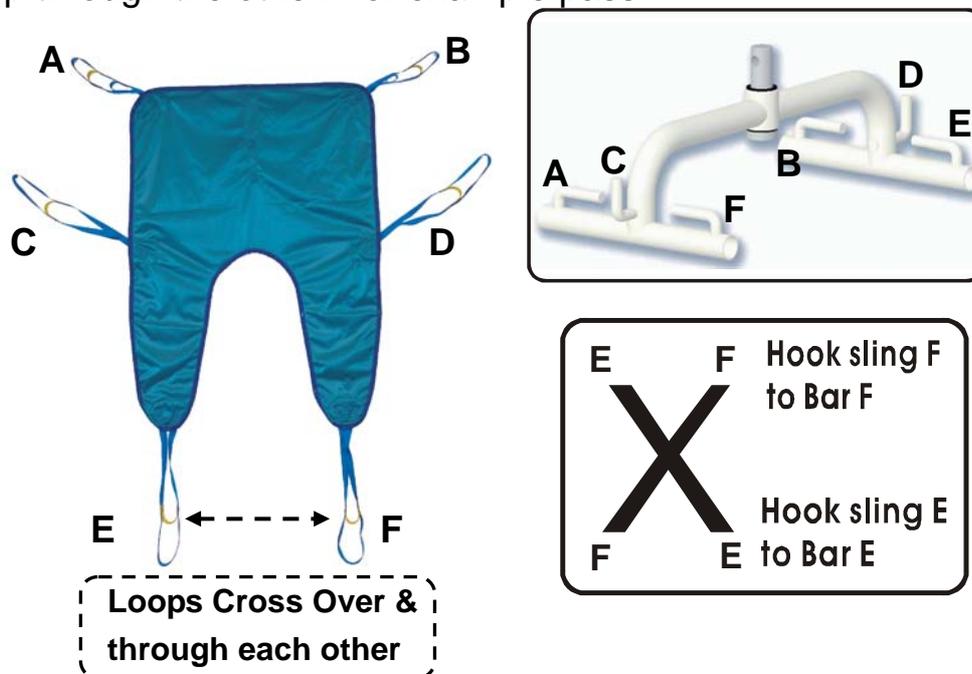
Roll user onto the opposite side and position him/her on the flat section of the sling. This will allow you to unroll the remainder of the sling from the other side of the user.

Once the sling has been positioned centrally, feed the leg sections under the thighs and draw them up between the thighs.

Should Raise and Lower the head of the bed if this function is available.

Move the lift slowly towards the user and position the spreader bar over the user's/patient's chest.

Attach Loops to Spreader Bar: Notice Loops on sling attach to Spreader Bar Hooks **A & C** and **B & D** as illustrated below. The Bottom two Loops **E** and **F** are connected to opposite Hooks on the Spreader Bar after passing one Loop through the other. For example pass



Note: Reverse the above procedures when returning the user/patient to bed.

- Lift the user above the bed by using the Hand Control or Hydraulic pumping handle. (Wheels unlocked & base spread wide while lifting, foot pedals control base width)
- Pull lift away from bed. Position user over the wheelchair or chair then lower the patient onto the surface. (Widen base for access to wheel chair)

Note: Reverse the above procedures when returning the user/patient to bed. There must always be at least one caregiver present when lift is in use.

Transfer From Wheelchair

- Grasp the sling at each corner of the "U" shape of the commode aperture. (Sani Sling)
- The sling should be fitted with the handle on the back section facing outward.
- Help the user lean forward slightly, then slide the sling down between the chair and the user's back.
- Position the commode aperture where the buttocks meet the seat.
- Position the sling equally around both sides of the body.
- Draw the leg sections to the front along the length of the user's thigh.
- Check the sling's central positioning by comparing the lengths of the leg sections when they are drawn forward.
- Reposition the sling if the leg sections are not equal in length.
- Feed the leg sections under the thighs.
- From between the legs, gently pull the leg section up the inner thigh.
- Feed as much material as possible under and between the thighs. Ensure the leg sections are positioned midway under the thighs to provide good support and greater comfort.
- Move the lift slowly towards the user and position the spreader bar over the user's chest.
- Attach Loop a of sling to Hook A on Spreader Bar; attach Loop B to Hook B; attach Loop C to Hook C; attach Loop D to Hook D. (See example on page 18)
- Lift patient above the wheelchair by using the Hand Control.
- Pull lift away from wheelchair. Position patient over bed and lower patient onto it. Always close base before transferring patient. Foot pedals control base width.

Note: Reverse the above procedures when returning the user/patient to a wheelchair.

Hydraulic Pump Troubleshooting

Hydraulic Pump won't lift Boom:

Turn Release Knob counter-clockwise fully until it stops. Pump handle 5 times. Tighten the valve. The Hydraulic pump should now rise or lower.

Air is trapped in Hydraulic Cylinder:

Turn Release Bolt on top counter-clockwise.

Let pump return to the lowest position.

Tighten Release Bolt.



TROUBLE SHOOTING the Genesis 400H & 400LE	
Symptom:	Corrective Action:
Cannot lift patient up and battery indicator shows no GREEN light.	1. Charge the batteries until all green lights are on.
Lift does not work and the battery indicator shows a full charge.	1. Check connection between the actuator and the control box. 2. Check connection between the pendant & control box. 3. Contact your dealer if problem
Lift does not work and the battery indicator shows no right.	1. Make sure the emergency stop button is released. 2. Check connection of the batteries in the control box. 3. Contact your dealer if
Stops-and-Runs while lifting or lowering user.	1. Check socket for pendant plug-in. 2. Check pendant cable. 3. Charge the batteries. Replace bad batteries.
Stops-and-Runs while lifting or lowering user.	1. Check socket for pendant plug-in. 2. Check pendant cable. 3. Charge the batteries. Replace bad batteries.
Battery Indicator shows no light when charger is connected to power	1. Check if emergency stop button is released. 2. Check charger plug for damage. 3. Check charger cable for damage.
If there is problem you could not correct, please contact the dealer for assistance.	

EMERGENCY LOWERING MECHANISM

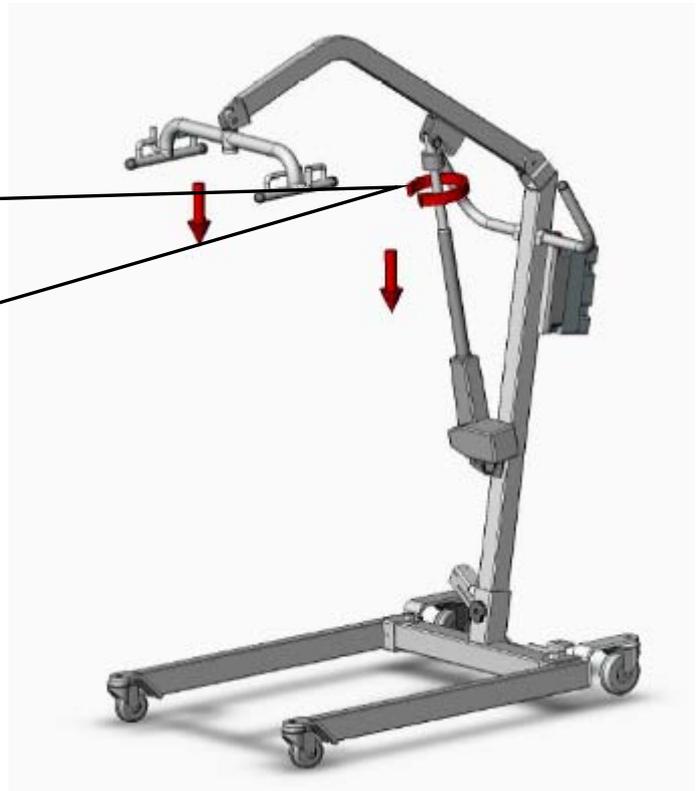
In case of lift failure while using the Genesis 400LE, please follow the procedures below to safely lower the user.

The Emergency Lowering Device is located at the top of the actuator shaft. It is intended for use if the actuator fails to operate while a patient is suspended. The device consisting of a plastic collar ring that should be turned clock-wise continually until the patient has been lowered.

Contact your dealer immediately if standard troubleshooting techniques do not correct the failure. Do not attempt to lift until all failure issues have been safely resolved.



Turn Clockwise to Lower



Note :

THE EMERGENCY LOWERING DEVICE IS INTENDED FOR USE DURING LIFT FAILURE. THIS DEVICE WILL ALLOW LOWERING OF PATIENTS ONLY. PLEASE CONTACT YOUR DEALER IMMEDIATELY IN CASE OF FAILURE.

LIMITED WARRANTY

The ApexLift® Genesis 400 Series you purchased is guaranteed by Bestcare LLC. Bestcare LLC. to be free from defects in material and workmanship under normal use and service. The warranty period for this product is twelve (12) months from the date of purchase by the original purchaser, excluding the batteries, which are warranted for six (6) months only. This warranty shall be voided upon transfer of ownership of this product. Bestcare LLC. agrees to repair or replace this product, at our discretion and at no charge, within the warranty period provided the product is delivered to Bestcare LLC. or its Authorized Service Center in its original packaging or equivalent; is fully insured with all shipping charges prepaid; and that Bestcare LLC. consents the unit is defective. The repaired or replacement unit shall be warranted for a period equal to the balance of the defective unit's warranty period. A handling charge of \$50.00 will be applied to any returned product proven to be not defective. For warranty service, please contact the dealer from whom you purchased your ApexLift® product. You may also contact Bestcare LLC. at 1-877-822-9033 should warranty service not be available from your dealer.

NOTE: You must never return the product to your dealer or to Bestcare LLC. at any time without the verbal consent of either party. To ensure the best service to our customers, Bestcare LLC. requires the following information to be included with the returned unit:

1. Model Name/Number and Serial Number on the packaging.
2. Proof of purchase, i.e. a copy of the original invoice from either Bestcare LLC. or its dealer.
3. A Return Authorization number (RA#) obtained by calling Bestcare LLC. prior to the return of the product. The RA# must be clearly indicated on the outside of the packaging.
4. A detailed description of the problem and its symptoms on a note.

This warranty shall not apply to any product which has been repaired or altered in any way so as, in our judgment, to affect its functionality and durability, nor to any product subject to abuse, misuse, negligence or accident, improper maintenance, improper installation, nor to any product used with other parts, components and/or accessories with quality and/or specifications not compatible with this product. This warranty does not cover products that have been impaired by occurrences considered Acts of God over which Bestcare LLC. has no control. This warranty shall also be voided if any required periodic maintenance, if applicable, has not been properly performed on this product.

This warranty and the aforementioned remedies presented are exclusive and in lieu of

Bestcare LLC.

5885 Shiloh Road, Unit 104

Alpharetta, GA 30005

U. S. A.

Toll free : 1-877-822-9033

Tel : 678-679-6690

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