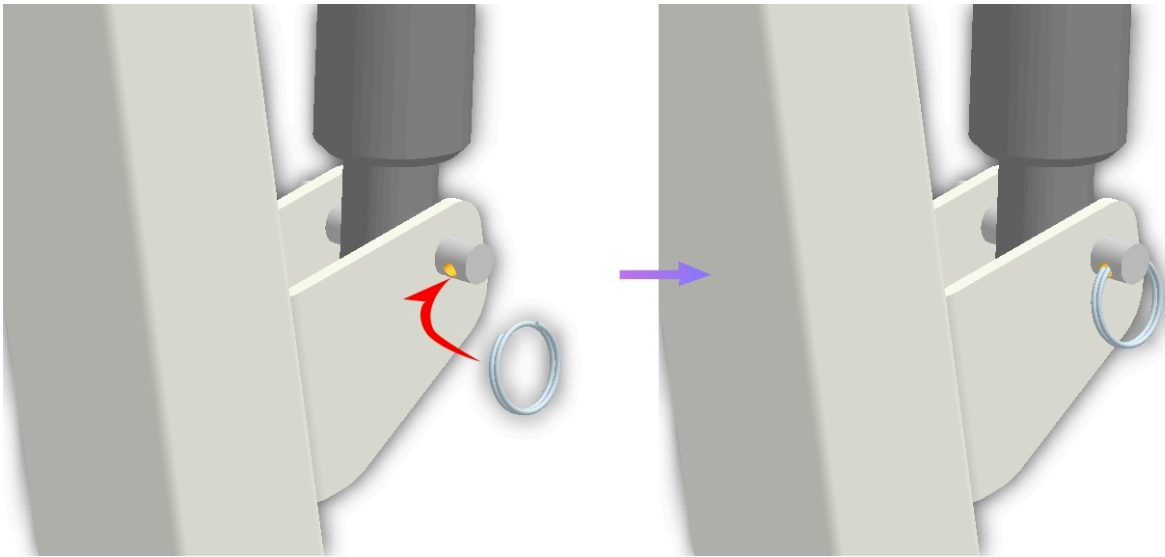


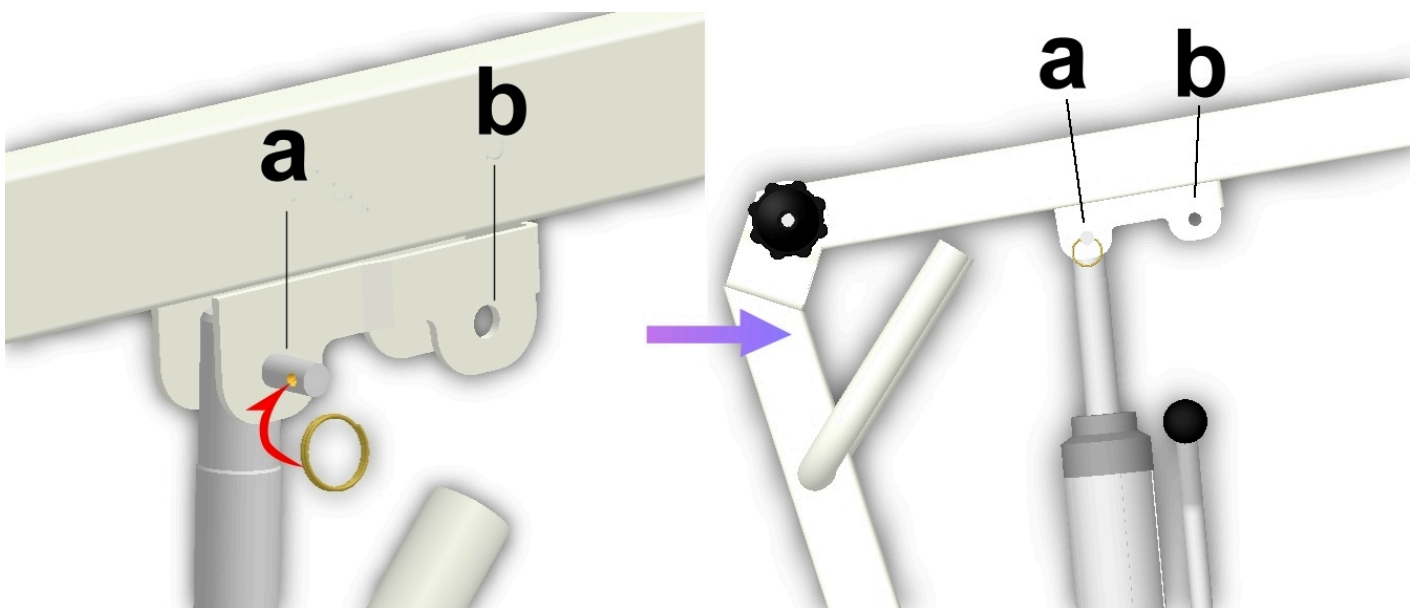
Hydraulic or Electric Actuator Assembly

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 Pine and Ring.

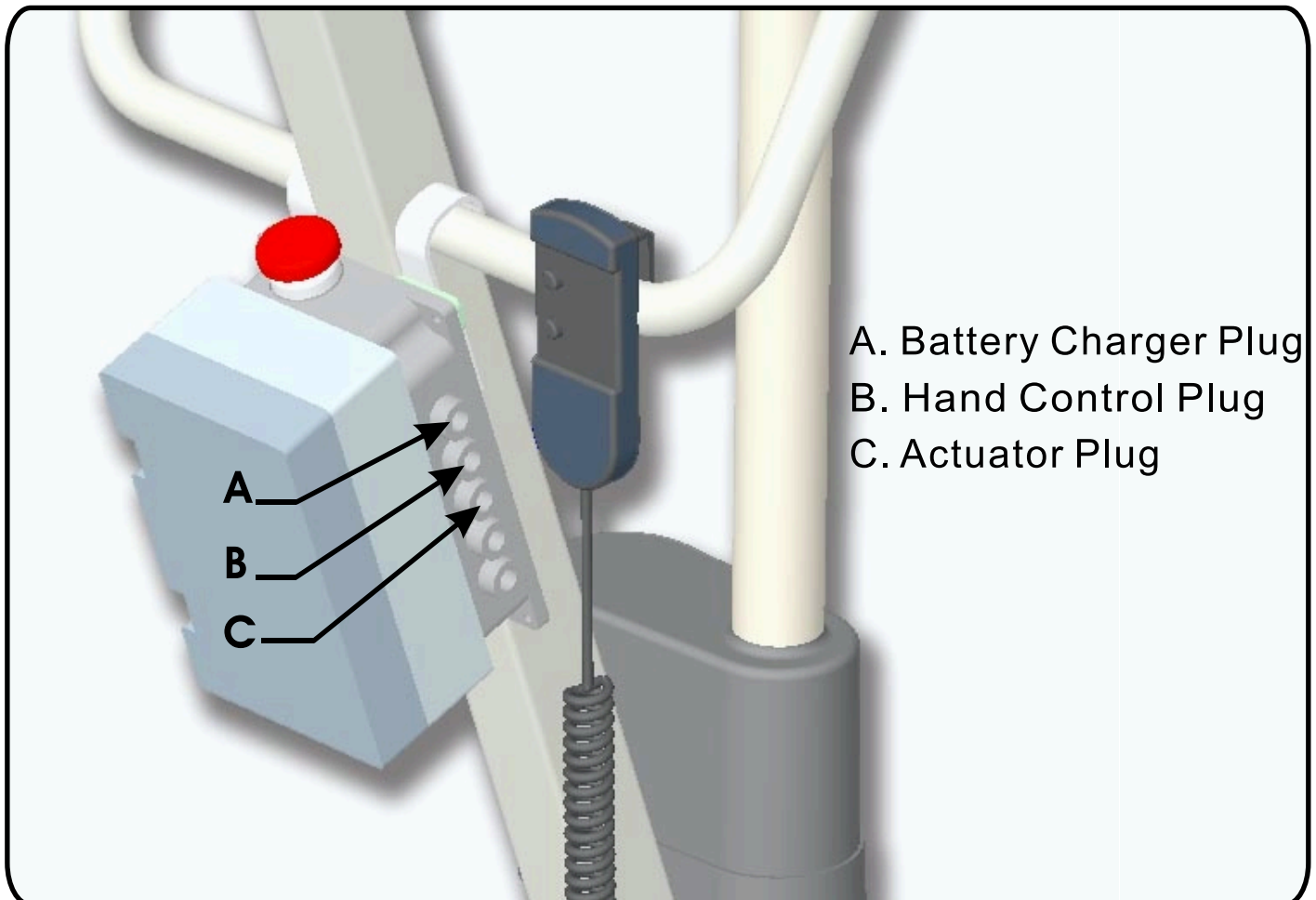


2. Attach the top of the Hydraulic cylinder or the electric Actuator to the Boom bracket position (a) . (See diagram below)

3. If you have an Electric Retrofit Kit, attach the top of the Electric Actuator to the Boom bracket (b) . (See diagram below)



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 ApexLift[®] 400E, 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 ApexLift 400H or 400E 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	STATU
ON	ON	ON	ON	ON	FULLY CHARGED
ON	ON	ON	OFF	OFF	NEEDS CHARGE
ON	ON/OFF	OFF	OFF	OFF	CHARGE IMMEDIATELY. DO NOT
OFF	OFF	OFF	OFF	OFF	BAD BATTERIES OR BAD

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 1/2 on 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 400 400E/400K APEXLIFT 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 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 Actuator Motor from the Control Box. Frequent plugging and unplugging of the Hand Control and Actuator Motor from the Control Box may damage the Control Box connections. Watch for alignment tab on plugs.

MAINTENANCE SCHEDULE for 400E and 400H

Item	During Assembly	Monthly	Every 3 months
<p>Boom & Spreader Bar:</p> <p>Check connections between 1) Boom and Spreader Bar and 2) Boom and Mast for improper connection, looseness, or wear.</p> <p>Check Black and Nut.</p> <p>Check the Boom for bending and deflection/alignment.</p>	<p>●</p> <p>●</p>	<p>●</p> <p>●</p>	
<p>Mast:</p> <p>Check the Mast for bending or deflection/alignment .</p> <p>Check the steering bar for damage or loose screws.</p>	<p>●</p> <p>●</p>	<p>●</p> <p>●</p>	
<p>Base & Foot Peddle:</p> <p>Check bolts and nuts for looseness.</p> <p>Check casters and axle bolts for tightness.</p> <p>Check rubber parts on the casters for deflection/ alignment.</p> <p>Apply oil to caster ball bearings if needed.</p>	<p>●</p> <p>●</p> <p>●</p>	<p>●</p> <p>●</p>	<p>●</p> <p>●</p>
<p>Cleaning:</p> <p>As needed.</p>			<p>●</p>

Item	During Assembly	Monthly	Every 3 months
<p>Actuator & Control Box:</p> <p>Make sure the Control Box is firmly affixed to the Mast.</p> <p>Make sure the keeper pins firmly affix the Actuator to the Boom and the Mast.</p> <p>Make sure the connecting cables for the Actuator and the Control Box are not loose.</p> <p>Make sure the Battery Indicator has at least 2 green LED lights illuminated prior to use.</p>	<p>●</p> <p>●</p> <p>●</p> <p>●</p>	<p>●</p> <p>●</p> <p>●</p> <p>●</p>	
<p>Slings & Sling Hardware:</p> <p>Check sling for wear.</p> <p>Check sling hardware each time before use.</p>	<p>●</p> <p>●</p>	<p>●</p> <p>●</p>	

OPERATING INSTRUCTIONS for 400E & 400H

NOTE: (For 400E only) Turn the lift "ON " by turning the red " RESET " button clockwise. Turn the lift " OFF " by pressing down the " RESET " button.

Transfer From Bed

User/patient should be in the center of the bed.

Position user onto his/her side by rolling user towards you. Have a competent caregiver present for this step.

Roll the sling in half, approximately. The handle on the back of sling should face outward, while fitting sling.

Position the sling under the user/patient so the commode aperture aligns with the base of the spine and top of the sling close to the neck. (If Sani Sling is being used)

(Instructions continued on next page)

Transfer From Bed

Instructions continued from page 22

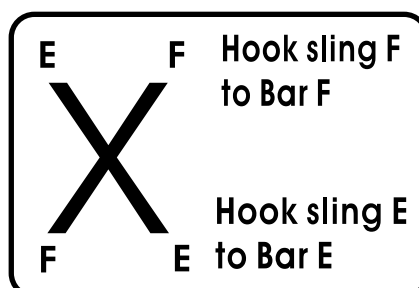
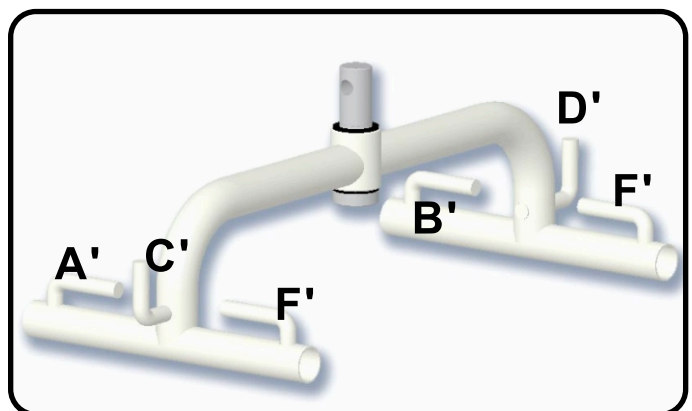
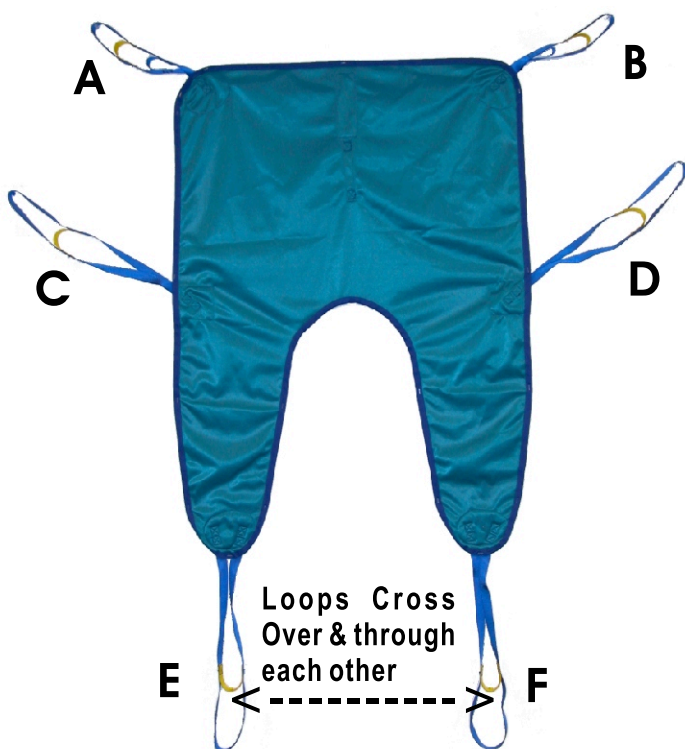
Roll user onto the opposite side and position him/her on the flat section of the sling. This will allow you to unroll the remainder of the sling from the other side of the user.

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

Raise 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 & C 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 Loop E through Loop F and then attach to Spreader Bar.



- 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 meets 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 23)
- 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 400E & 400H

<i>Symptom:</i>	<i>Corrective Action:</i>
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	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.
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.

LIMITED WARRANTY

The Genesis 400 Series ApexLift[®] you purchased is guaranteed by Apex Dynamics Healthcare Products, L.L.C. "Apex Dynamics " 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. Apex Dynamics agrees to repair or replace this product, at our discretion and at no charge, within the warranty period provided the product is delivered to Apex Dynamics or its Authorized Service Center in its original packaging or equivalent; is fully insured with all shipping charges prepaid; and that Apex Dynamics 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

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 Apex Dynamics 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 all other express or implied warranties. No other representations or claims shall be binding or obligate Apex Dynamics in any way. Any warranty applicable to this product is limited to the aforementioned period indicated. In no event shall Apex Dynamics be liable for any special, incidental, or consequential damages; loss of revenue; or cost of replacement goods; resulting from the use or malfunction of this product to the associated equipment on which and with which it is used. This warranty gives specific legal rights and you may be entitled to other rights that vary from state to state.

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310 West Hightower Dr., Suite 105
Dawsonville, GA 30534-6172

WARRANTY REGISTRATION CARD

Model Serial No. Date Purchased

Purchased From

Facility/User Name

Address

City State Zip

Tel : Fax:

e-mail Address:

Comments:



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