
SAVE THESE INSTRUCTIONS FOR FUTURE USE

- ⚠ **WARNING:** Important! Read and understand these instructions before installing Back Actuator and Control Box. If the back actuator and control box are not properly installed, personal injury and damage to the recliner could result.
- ⚠ **WARNING:** If components are damaged or missing, contact your GF Health Products, Inc. ("GF") authorized distributor immediately. **DO NOT** use substitute parts. Use only Lumex replacement parts. Non-Lumex replacement parts could cause personal injury and cause damage to the recliner.
- ⚠ **WARNING:** GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper assembly, installation or use of this product.

TOOLS NEEDED: Wrenches - 2 x 9/16, Small flat-head screwdriver or ice pick, Zip-tie (at least 20" long)

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IDENTIFY CURRENT ACTUATOR AND CONTROL BOX FOR REMOVAL:

IDENTIFY THE CONTROL BOX STYLE:

NEW CONTROL BOX STYLE:

- Connection wires are attached inside of a Clam shell style cover.



OLDER CONTROL BOX STYLE

- Connection wires are attached to the outside of the control box.



IDENTIFY THE BACK ACTUATOR STYLE:

NEW BACK ACTUATOR STYLE

NOTE: The control box mounting



OLD BACK ACTUATOR STYLE



INSTALLATION

1. Use remote to place recliner into full recline position.
2. Unplug unit from the wall.
3. Remove both side tables:
 - a. Lower the side table if not already in stored position: Lift the side table up slightly until tabs disengage slots and pull table away from armrest. Lower side table to self-storing position.
 - b. Remove the clevis pin by pushing on the end with the washer using your thumb until the washer releases from the pin. Pull the pin out from the other end.

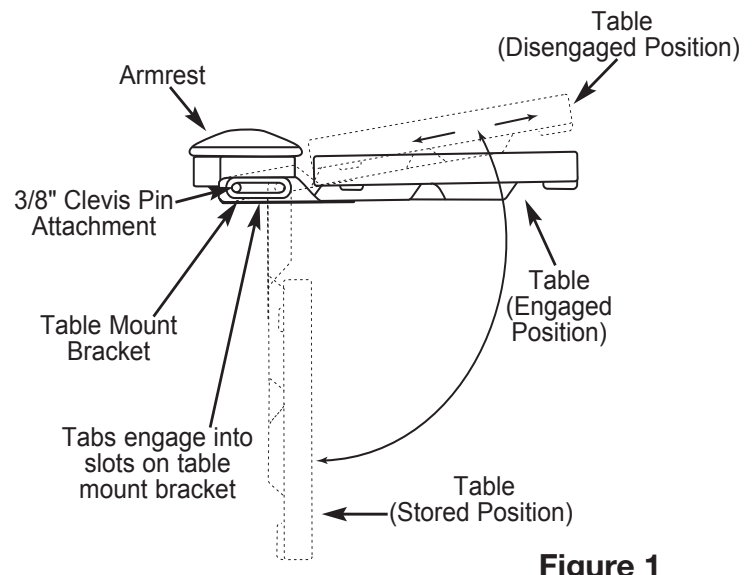


Figure 1

4. Lock rear casters.

To lock rear caster: To prevent the rear casters from swiveling and the wheel from turning, step on the rear pedal of the caster until it latches.

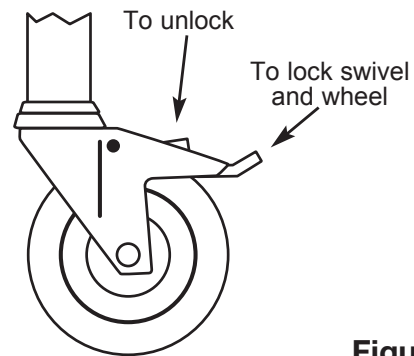


Figure 2

5. Place the recliner on its left side (see figure 3) if control box is the new style. If recliner has old style control box, place recliner on its right side.

NOTE: We recommend that you use 2 people for this step.



Figure 3

1 REMOVING OLD STYLE BACK ACTUATOR AND CONTROL BOX

1. Cut main zip tie that holds the actuator to the control box (Figure 4).
2. Remove control box mounting clip by lifting and sliding away from control box (Figures 5 & 6).
3. Unplug each connector from the control box. When unplugging, we recommend that you label each cord for faster install. Connectors that will be unplugged include:
 - i. Power supply cable
 - ii. Pendant cable
 - iii. Back Actuator cable
 - iv. Foot Actuator cable
 - v. Battery backup cable
4. Remove trendelenburg cable from the actuator (see Section 5).
5. Remove the control box from the actuator by sliding the control box up on the actuator.
6. Discard the old control box appropriately.



Figure 4



Figure 5



Figure 6

2 REMOVING OLD STYLE BACK ACTUATOR ONLY

1. Remove the trendelenburg cable from the actuator (see section 5).
2. Remove the control box from the actuator by sliding the control box away from motor.
3. Set the control box to the side so it is out of the way for the next steps.
4. Take a picture of the bolts and spacer that hold the actuator to the frame. This will be used as reference when replacing the bolts and spacers.

NOTE: that one spacer is wider than the other.

5. Unbolt the base and tips of the actuator from the frame using 9/16 wrenches (Figure 7).

⚠CAUTION: There may be tension in the actuator when removing the bolts. Before you begin unbolting, make sure the recliner is in full recline position to help relieve any tension.



Figure 7

3 REMOVING NEW STYLE BACK ACTUATOR ONLY

1. Cut main zip tie that holds the actuator to the control box (Figure 8).
2. Remove the control box from the actuator by sliding the control box from the grooves on the actuator motor section (Figure 9).

Stick a small screw driver (or a pick) in the small hole and push tab inside in the red arrow direction (Figure 10). The blue arrow points to tab locking the control box. Once tab is moved over, you can slide box off to the right.

NOTE: The blue arrow (Figure 10), locks in this square indentation (Figure 11). Once tab is pushed over, you will clear it.

3. Set the control box to the side (if only replacing the actuator).
4. Remove trendelenburg cable from the actuator (See Section 5 below).
5. Unbolt the base and tips of the actuator from the frame using 9/16 wrenches (Figure 12).

⚠ CAUTION: There may be tension in the actuator when removing the bolts. Before you begin unbolting, make sure the recliner is in full recline position to help relieve any tension.

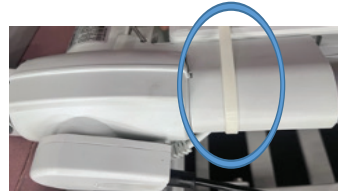


Figure 8



Figure 9



Figure 10



Figure 11



Figure 12

4 INSTALLING NEW STYLE ACTUATOR AND CONTROL BOX

1. Align grooves on control box to the grooves on the actuator, then slide control box onto actuator toward the motor until you hear a click (Figure 13).
2. Install the connector cables to the control box (Figure 14). For cable position see chart below:

Control Box Cable Position	Cable
1	Foot
2	Empty
Middle - Battery	Battery
CAT Port (Phone)	Hand Pendant
3	Back
4	Empty
Power - Side	Power Cord

*See Section 6 on how to install the Trendelenburg cable.

3. Place a zip tie around the actuator and the control box for extra security (Figure 15).
4. Flip the chair upright back onto all four casters.



Figure 13



Figure 14



Figure 15

5 REMOVING TRENDELENBURG RELEASE CABLE ON ACTUATOR

1. Slide the cover on the back actuator manual release box (Figure 16).
2. Remove the cable from the round holes by sticking a screwdriver or ice pick under the lead ball in the holes to pry up and out of hole.

NOTE: You may need to use a hammer to tap the screwdriver or pick under the lead ball.



Figure 16



Figure 17

6 INSTALLING NEW TRENDELENBURG RELEASE CABLE ONTO ACTUATOR

1. Attach end of cable to manual release box by putting the cable lead ball into one of the two round holes and guiding the wire thru the wire channel (Figure 17).
2. Slide the cover back onto the actuator manual release box.



Figure 18

7 STEPS TO REMOVE AND REPLACE THE FOOT ACTUATOR

1. Find the connector cable running from the foot actuator to the control box.
2. Unplug the foot actuator connector cable from the control box and Set to the side.
3. Unbolt the base and tips of the foot actuator from the frame using 9/16 wrenches.

⚠ CAUTION: There may be tension in the actuator when removing the bolts

4. Repeat steps 1 through 2 in reverse order to install new foot actuator.



Figure 19

WARRANTY

SCOPE OF WARRANTY

GF Health Products, Inc. ("GF") warrants to the original purchaser only that it will replace or repair components, at GF's sole discretion, that are defective in material or workmanship under normal use and service. All warranties are conditioned upon the proper use of the products strictly in accordance with good commercial practice and applicable GF instructions and manuals, including proper use and maintenance. To the extent that a third party warrants a component, GF conveys all of its rights under that warranty to the original purchaser, to the extent permitted.

This limited warranty shall only apply to defects that are reported in accordance with the provisions set forth in this warranty document, within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. (See Obtaining Warranty Service below) This limited warranty is not transferable.

The warranted components and time periods are set forth below:

Actuators:

Back: 588BKACTUATOR 1 (one) year

Foot: 588LGACTUATOR 1 (one) year

Control Boxes:

588CNTRLBX 1 (one) year

Labor is not included in the warranty.

The warranty period is as designated above. If a part is replaced under warranty, the original warranty period will not be affected. All other replacement parts will be subject to the warranty period specified. The applicable warranty period shall commence from date of shipment to the original customer, unless there is an expiration date on the component in which case the warranty shall expire on the earlier of warranty period or the expiration date.

OBTAINING WARRANTY SERVICE

Customers located in the United States who wish to report a warranty issue, must contact GF directly by calling 1.770.368.4700 or by e-mailing a request to cs@grahamfield.com. Customers located outside the United States must contact the Distributor from whom they purchased the products. In both cases, further directions will be provided once the initial contact is made. This limited warranty shall only apply to defects that are reported within the applicable warranty period. Failure to abide by the specific directions will result in denial of the warranty claim.

The warranty does not cover and GF shall not be liable for the following:

- 1) Defects, damage, or other conditions caused, in whole or in part, by misuse, abuse, negligence, alteration, accident, freight damage, tampering or failure to seek and obtain repair or replacement in a timely manner;
- 2) Products which are not installed, used, or properly cleaned and maintained as required in the official manual for the applicable product;
- 3) Products considered to be of a non-durable nature including, but not limited to: filters, fuses, gaskets, lubricants, and charts;
- 4) Accessories or parts not provided by GF;
- 5) Matching of color, grain or texture except to commercially acceptable standards;
- 6) Changes in color caused by natural or artificial light;
- 7) Charges by anyone for adjustments, repairs, replacement parts, installation or other work performed upon or in connection with such products which are not expressly authorized in writing, in advance, by GF;
- 8) Any labor or shipping charges incurred in the replacement part installation or repair;
- 9) Costs and expenses of regular maintenance and cleaning; and
- 10) Representations and warranties made by any person or entity other than GF.

ENTIRE WARRANTY, EXCLUSIVE REMEDY AND CONSEQUENTIAL DAMAGES DISCLAIMER

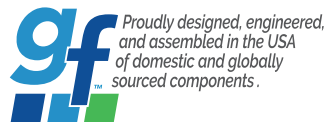
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For additional information on this product or this warranty, please contact a GF Customer Service Representative.

NOTES:

- 1) Additional terms and conditions may apply. See GF's General Terms and Conditions on its website: www.grahamfield.com.
- 2) Freight claims must be notated on the appropriate shipping documents and must be made with immediacy. International, federal and state regulations govern specific requirements for freight claims. Failure to abide by those regulations may result in a denial of the freight claim. GF will assist you in filing the freight claim.
- 3) Claims for any short shipment must be made within three (3) days of the invoice date.



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