

Service and Repair Manual

GoLift Patient Lift



Amico

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Introduction

This manual provides detailed instruction on the installation of Amico GoLifts. Since the introduction of ceiling mounted patient lifts, the frequency of installations has rapidly increased. This is due to greater awareness of the risks associated with manual patient transfer and repositioning, which has led to the enforcement of more strict lifting regulations.

Amico Mobility strives to consistently provide exemplary service, design, and installation to all of its customers. In an ever more competitive market, it is important to standardize installation techniques, thus ensuring that the highest standards of quality and safety are met.

The methods described in this manual are intended for use by employees of Amico Mobility Solutions Corporation or its authorized agents.

DESCRIPTION

The Amico GoLift is an ideal ceiling lift system designed for routine transfers of patients. The most compact ceiling lift in its class, the Amico GoLift is designed to be aesthetically pleasing to both the caregiver and the patients. To address infection control requirements, we gave careful consideration to the smooth edges and rounded corners of our ceiling lift, carry bar and hand control. When you look under the cover of this compact lift, you will find an impressive set of all metal gears and state-of-the-art battery technology that will allow the caregiver to safely, and effortlessly, transfer a patient weighing up to 700 lbs on a single lift. The GoLift 1000 combines two GoLift systems to accommodate bariatric patients up to the maximum of 1000 lbs. In addition, our revolutionary trolley design allows for quick installation of the lift into and out of the track. The trolley provides an instant mechanical and electrical connection while our modular track system gives you tremendous flexibility so that your workspace may be optimized to suit your needs for any working environment.

The GoLift is available in two weight capacities which must not be exceeded:

400 lbs (181 kg)

700 lbs (318 kg)

The Amico GoLift is a fixed lift and can be installed in a variety of track profiles (the trolley can be customized to fit these track profiles) and it also works seamlessly with the Amico GoLift Pendant (PLP) System.



Introduction

SYMBOLS USED IN THIS MANUAL

Symbol	Reference	Title
	ISO 7000-0434A	Caution risk of danger
	MET	Certified by MET
	IEC 60417-5840	Type B Applied Part
	CE	Certification of Conformity
	ISO 7010-M002	Refer to instruction manual/booklet
	Amico Mobility	Emergency Lowering
	Amico Mobility	Emergency Stop

 **WARNING:** This symbol is intended to alert the user of hazard or unsafe practices, which could result in serious bodily harm.

MARKINGS

The GoLift 400 and GoLift 700 are designed to comply with the following Standards:

Standard(s):	CAN/CSA-C22.2 No. 60601-1:08 Medical Electrical Equipment - Part 1: General requirements for basic safety and essential performance. ISO10535:2006 Hoists for the transfer of disables persons - Requirements and Test Methods
Product:	Amico GoLift
Brand Name:	GoLift
Models:	400 lbs and 700 lbs



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Germany

Safety Instructions



IMPORTANT: Read these instructions carefully or serious injury may occur.

- The Amico GoLift must be installed only by personnel authorized by Amico Mobility Solutions Corporation.
- Do not use this equipment prior to understanding the contents of this manual.
- Contents of this manual are subject to change without prior notice to users. Keep for future reference.
- Never place the Amico GoLift, track/PLP and sling(s) in control of a person who has not been properly trained in the use and care of this equipment.
- The Amico GoLift and associated Track/PLP and sling(s) are for transferring patients only. Never use the GoLift for any other purpose.
- Amico Mobility's Warranty is void if unauthorized personnel perform service on the Amico GoLift system.
- In facilities where more than one caregiver is responsible for using the Amico GoLift and associated track and slings, it is important that all caregivers be trained in the proper use of this equipment. A training program should be established by the facility to familiarize new caregivers with this equipment.
- Do not expose the Amico GoLift directly to water. Warranty does not cover any misuse or abuse of the Amico GoLift.
- The Amico GoLift should be inspected and maintained on a regular basis to keep it operating safely and correctly. Refer to the Inspection and Maintenance section of this manual.
- Any accessories used with the Amico GoLift including the track/PLP and sling(s) should be checked to ensure that they are in good working order. Check for signs of wear or fraying prior to use. Report any unusual wear or damage immediately.
- Amico Mobility will not be responsible for any damage caused by misuse, neglect or purposeful destruction of the lift and its associated components. Do not attempt to modify/alter the Amico GoLift.
- Do not in any circumstance exceed the maximum allowable load of this lift. Refer to the "Technical Specifications" section of this manual and/or the labels on the lift.
- The installation of the lift, track and sling are certified to a maximum load. Do not exceed the maximum rated load of any of the components.
- There is a risk of explosion if the lift is used in the presence of flammable anesthetics.
- The Amico GoLift should be decommissioned/disposed of after the recommended service life in accordance with local law regulations.



NOTE: There are no known contraindications associated with the use of the Amico GoLift and its accessories, provided they are used per our recommendations and guidelines.

However, for any independent uses of the Amico GoLift, it is extremely important that the patient is able to receive assistance, during the transfer in the event of an equipment failure. This assistance can be provided in the form of; a nearby qualified caregiver, a phone or other communication device.

Technical Specifications for Amico GoLift



Three GoLift Weight Capacities

GoLift400

Single Lift
GO-LIFT-400

Lift Up to
400 lbs / 181 kg

GoLift700

Single Lift
GO-LIFT-700

Lift Up to
700 lbs / 318 kg

GoLift1000

Tandem Lifts
GO-LIFT-1000

Lift Up to
1000 lbs / 454 kg



Maximum Lifting Speed

No load:	2 inches/second
GoLift400:	1.2 inch/second
GoLift700:	1.2 inch/second
GoLift1000:	1.3 inch/second

Unit Weight

GoLift400:	10 lbs (4.5 kg)
GoLift700:	10 lbs (4.5 kg)
GoLift1000:	20 lbs (9 kg) (Tandem Lifts)

Safe Working Load (SWL)*

GoLift400:	400 lbs (181 kg)
GoLift700:	700 lbs (318 kg)
GoLift1000:	1000 lbs (454 kg)

*The maximum safe working load can be adjusted to a lower limit based on customer request.

Dimensions

GoLift400 / GoLift700:

- Length: 7.75" (196.8 mm)
- Width: 7.75" (196.8 mm)
- Height: 4.25" (107.9 mm)
- Strap Length: 84" (2133.6 mm)

GoLift1000:

- Length: 15.5" (393.7 mm)
- Width: 7.75" (196.8 mm)
- Height: 4.25" (107.9 mm)
- Strap Length: 84" (2133.6 mm)

Number of Lifts per Charge (Duty: 10/90)

25% of Strap at Midrange¹:

- 375 with 185 lbs (84 kg)
- 170 with 400 lbs (181 kg)
- 102 with 700 lbs (318 kg)
- 140 with 1000 lbs (454 kg)

Charging Time: 2-4 hours

¹Calculated using 5Ah Packs

Lift Case

Flame Retardant ABS

Batteries

High Capacity, Nickel Metal Hydride (NiMH)

Standard: 2x 14.4V (3.3Ah)

Optional: 2x 14.4V (5Ah)

Battery Charger:

Input: 100-240V AC

Output: 36V DC, 1.0A, 40W

Hand Control

Protection Class: IPX4

Maximum Sound Level

<55 dB

Expected Service Life

10 years or 22,500 cycles

Safety

Emergency Stop
Emergency Lowering Device
Upper Limit Detection
Lower Limit Detection
Slack Tape Sensor
Free Fall Brake (over speed governor)
Low Battery and Dead Battery Alarms
Soft Start and Stop
Overload Protection
Emergency Manual Lowering

Approvals

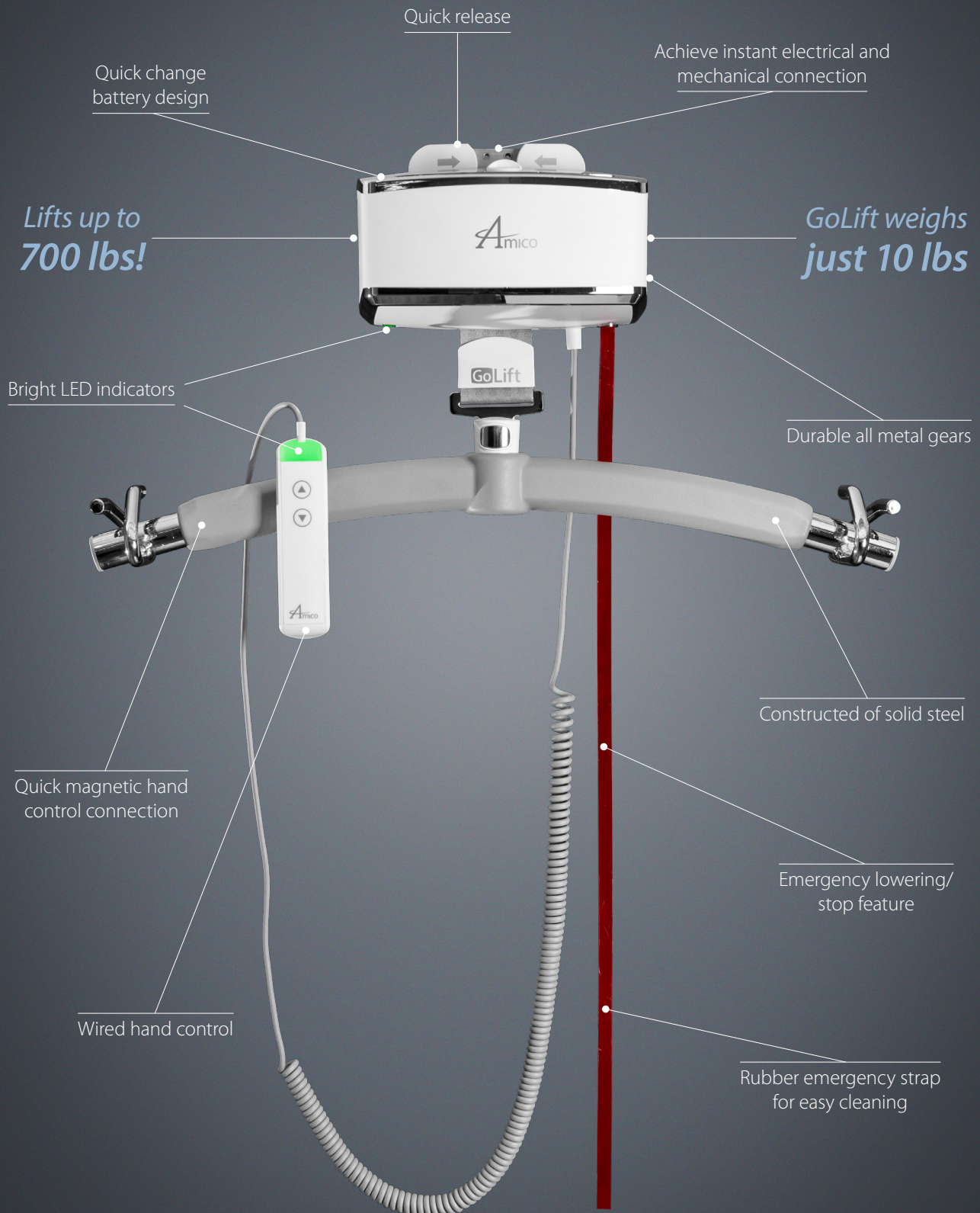
Certified to:	CAN/CSA-C22.2 No 60601-1:08, UL 60601-1:08
Tested to:	ISO 10535-06, CE



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Anatomy of the GoLift



LED and Buzzer Functions

LED INDICATORS



Green



Amber



Red

WAKING UP A LIFT AFTER CHARGING

When waking the lift from the sleep state, there will be a sequence of **three LED statuses** before the lift goes back to sleep. The LED color indications will differ slightly between waking the lift while charging and while not charging. See the table below for details.

LED Status' while Lift is Charging		
	LED Color	Duration
Wake	GREEN	4 secs
Charging indicator	AMBER	4 secs
In use/idle	GREEN (at full charge)	3 mins
	AMBER (low battery level)	
Sleep (if inactive)	Off	N/A

Status 1:

Will always show green when the lift wakes up for four seconds.

Status 2:

Will be amber for four seconds to confirm that it is currently charging.

- If the light remains green, this means the lift is on battery power and not being charged.

Status 3:

Shows the current battery level.

- For a lift on charge, the light will change from amber to green after four seconds to indicate lift is at full charge. Otherwise, the amber light will remain for three minutes after inactivity before the lift goes back to sleep.
- For a lift on battery power, the light will remain green for one minute if the battery level is acceptable. If battery level is low, the LED will change from green to amber after nine seconds and blink amber once per second. If battery level is critical, the LED will change from green to solid red after nine seconds, beeping once every three seconds. These states will remain until the lift goes back to a sleep state after one minute of inactivity.

LED Status' while Lift is on Battery Power			
	LED Color	LED Duration	Beeping
Wake	GREEN	10 secs	None
In use/idle	Continuous solid GREEN (at full charge)	1 min	None
	Blinking AMBER 1x/s (low battery level)		None
	Continuous solid RED (critical battery level)		1x/3s
Sleep (if inactive)	Off	N/A	N/A

LED and Buzzer Functions

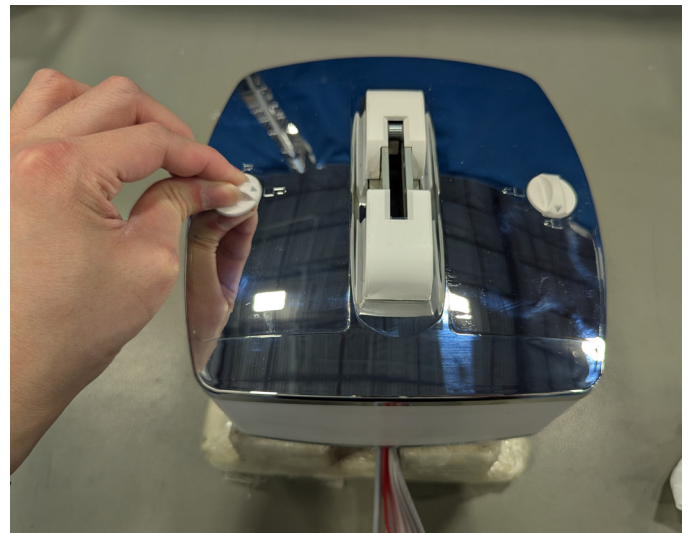
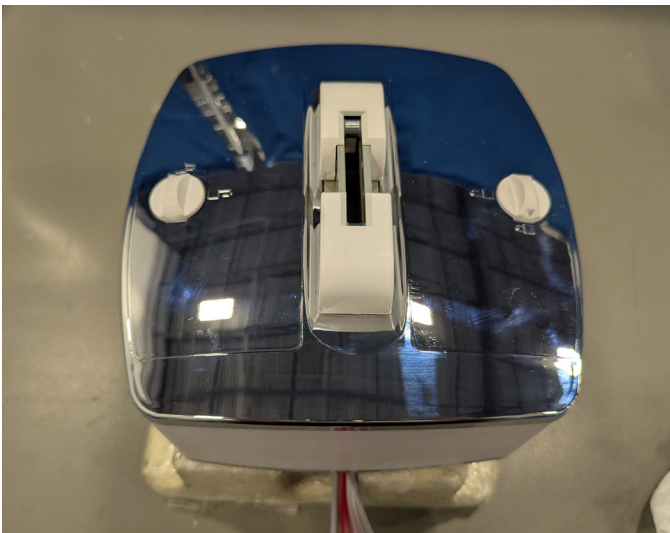
OTHER ERROR CODES

Error Codes	
Latch error	Blinking red 1x/s, continuous beep
Battery not plugged in/No temperature sensor detected	Blinking red (3x/s, 1s off), beeping 1x/5s
Over capacity	Blinking red (2x/s), continuous beep
Charging error: Battery over temperature/Sensor Error	Blinking red (2x/s), beeping 1x/5s
Brake end of life	Blinking red (4x/s, 1s off), beeping 1x/5s
Maintenance alarm	Blinking green (2x/s)
Maintenance alarm: After 1,001 lifts, the LED will flash green. To reset, press buttons in the following sequence: Up, Down, Up, Down, then hold both buttons for 10 seconds. If successful, the LED turns red, green and amber. The buzzer will beep three times. NOTE: Reset can be performed at any time, not just after the 1000th lift.	

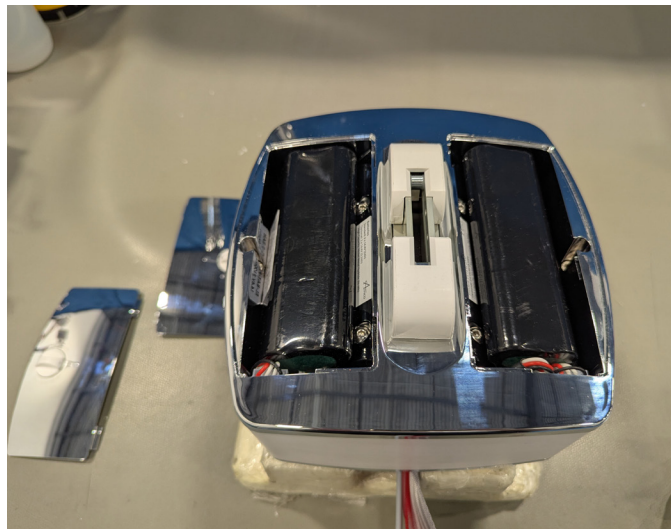
Getting Access to the GoLift

To operate the GoLift using the hand control, a trolley must be properly inserted into the lift. Alternatively, for testing or servicing purposes, a jumper connector can be inserted into the limit switch port on the circuit board to enable lift operation without the trolley.

1. Before opening the GoLift, use the hand control to spool out the lift strap and create enough slack to allow the bottom cover to be easily set aside during servicing.
2. Use a stand to support the lift while it is being serviced. Position the lift such that the side showing the battery compartment lids is facing up.
3. Turn the knobs to unlocked position and remove the battery lids.

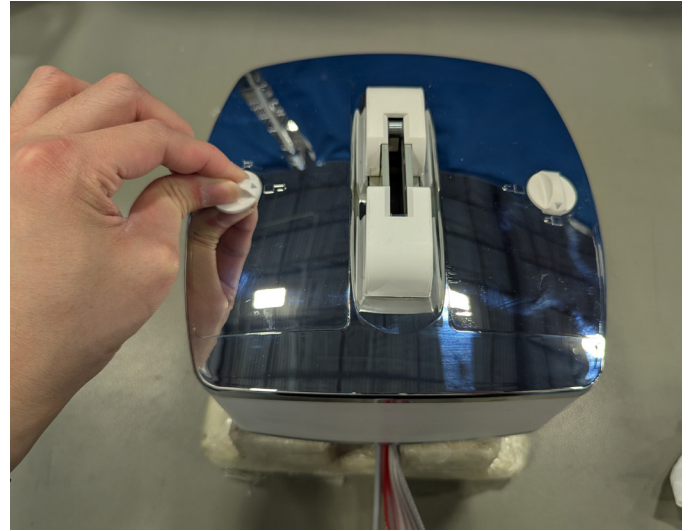
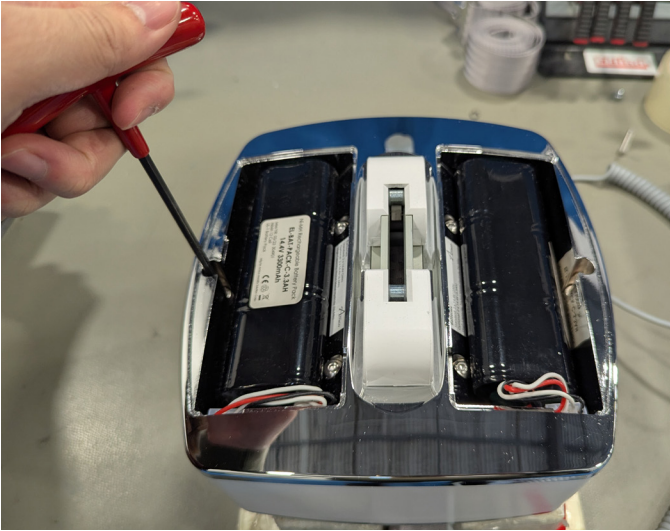


NOTE: The batteries does not need to be removed and disconnected from the GoLift as the lift will undergo functional inspection.

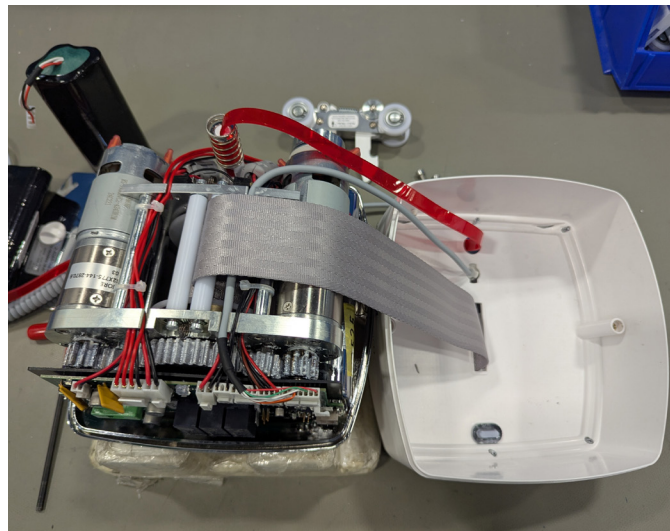


Getting Access to the GoLift

4. Use a 5/32" or 4mm Hex T-handle Allen Key to remove the two screws that secures the covers in place.
5. Place the battery lids back onto the GoLift and turn the knobs to the "locked" position.



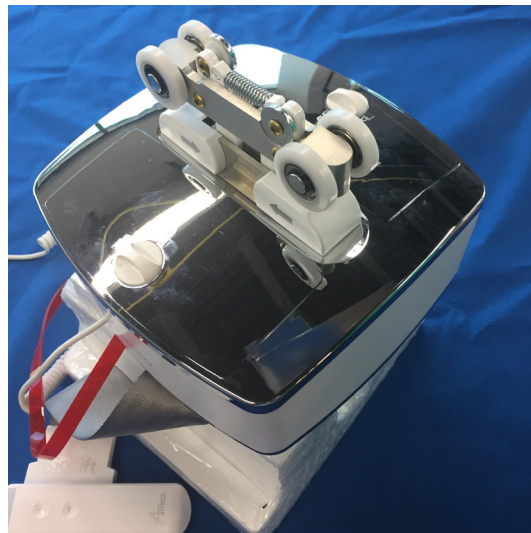
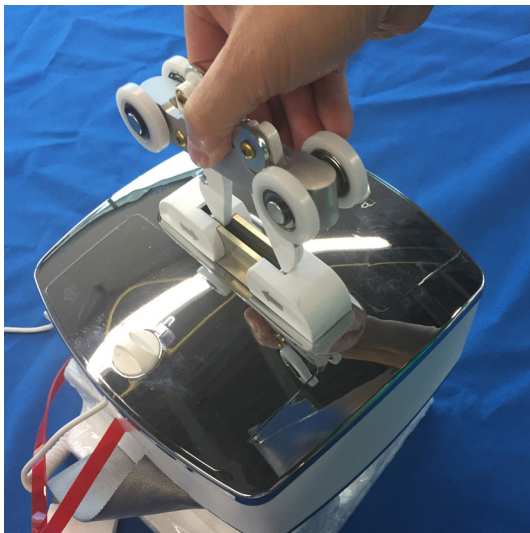
6. Carefully turn the GoLift upside down and gently hold the unit while pulling up on the bottom cover to remove it.
7. Set the bottom cover aside.



Engaging the Trolley Microswitch

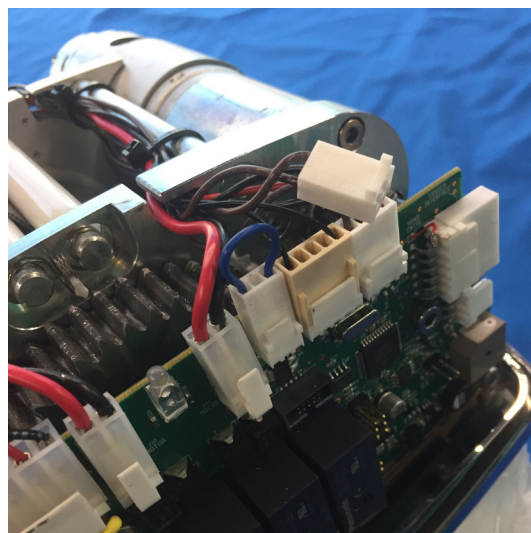
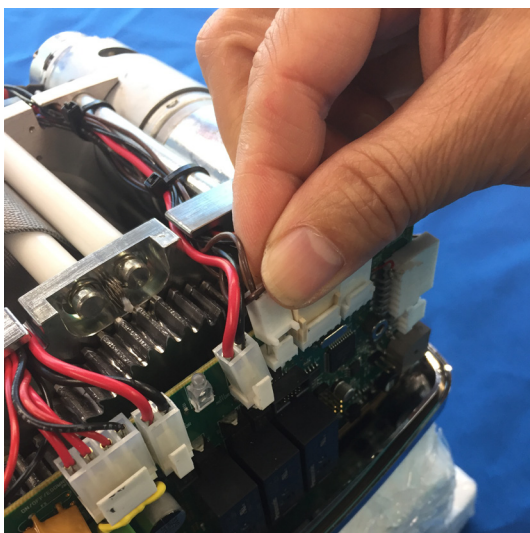
There are two options that can be performed to activate the trolley micro-switches.

1. Insert the trolley to activate the trolley micro-switches to allow the GoLift to activate.



Alternatively, a jumper connector can be used to activate the trolley micro-switches in the GoLift.

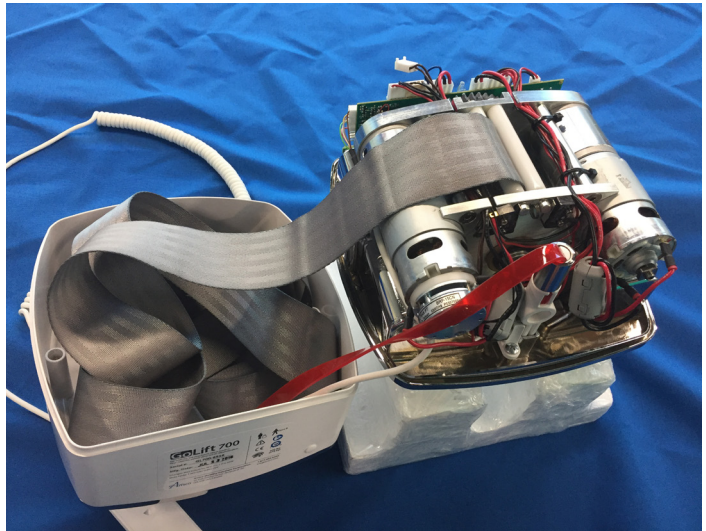
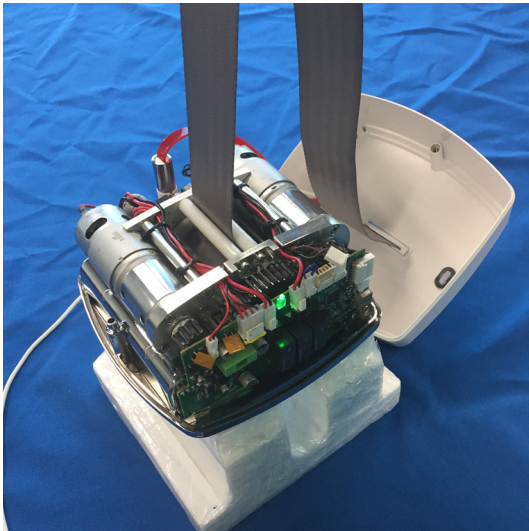
2. Follow the steps in "Getting Access to the GoLift" to open the lift. Disconnect the trolley micro-switch harness and plug in the jumper in the proper circuit board port.



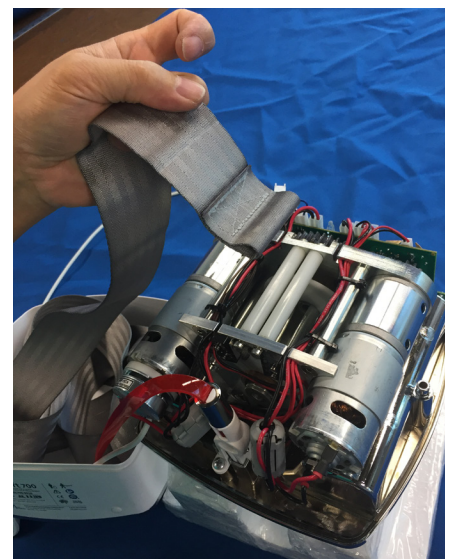
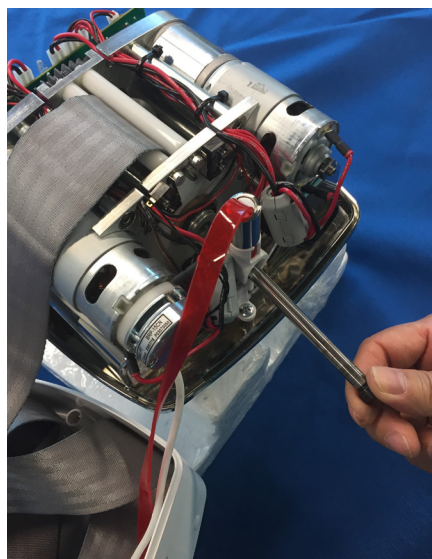
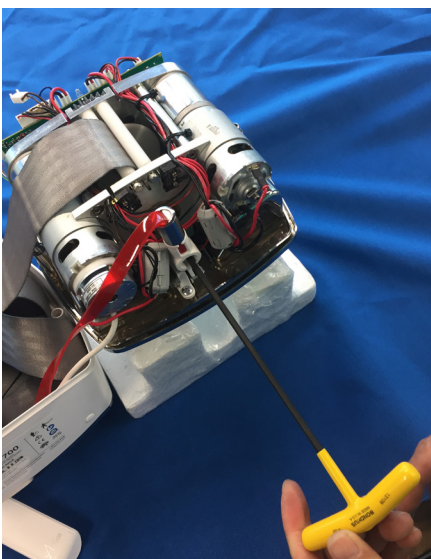
NOTE: If a jumper is used to activate the trolley micro-switches, ensure that the jumper is removed from the system at the end of the repair. This only applies for systems that are not Fixed Trolley GoLifts.

Replacing the GoLift Strap

1. Follow the steps in "Getting Access to the GoLift" to open the lift. Ensure a trolley or jumper connector is used to allow the GoLift to activate.
2. Press the DOWN button on the hand control and pull the strap to fully unspool it.

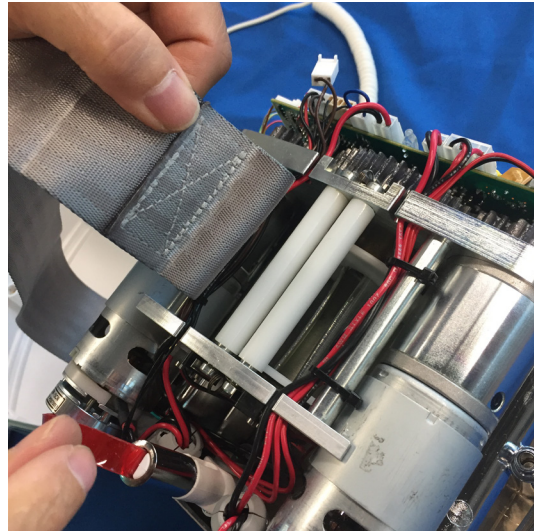
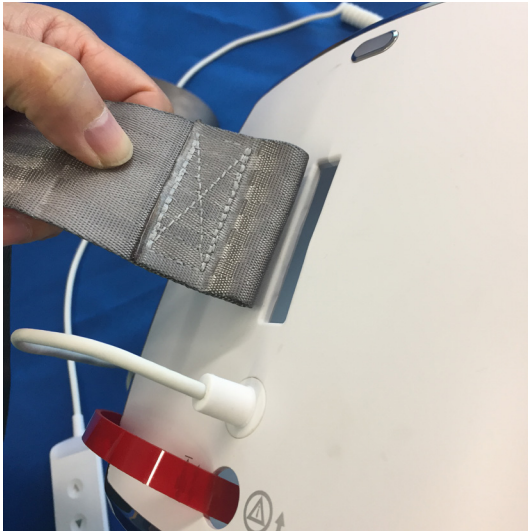


3. Use a 5/32" or 4mm Hex T-Handle Allen Key and place it through the round opening of the emergency stop sleeve.
4. Loosen and remove the 4mm shoulder bolt and pull the strap out of the hub gear sub-assembly.



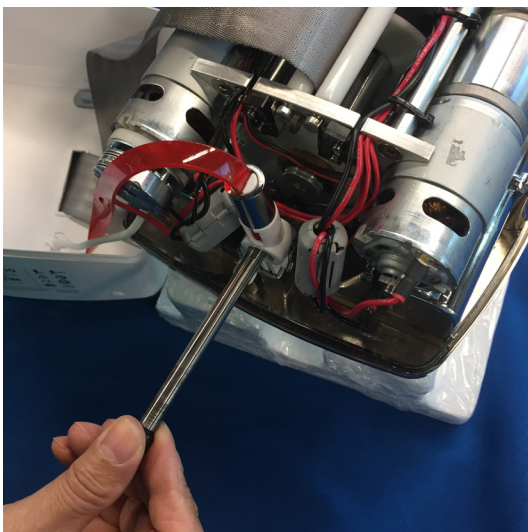
Replacing the GoLift Strap

5. Insert the new strap through the opening of the bottom cover of the GoLift, in the correct orientation as shown below.
6. Guide the new strap through the limit switch rollers. Check that the strap has not been twisted to ensure the strap is in the correct orientation.



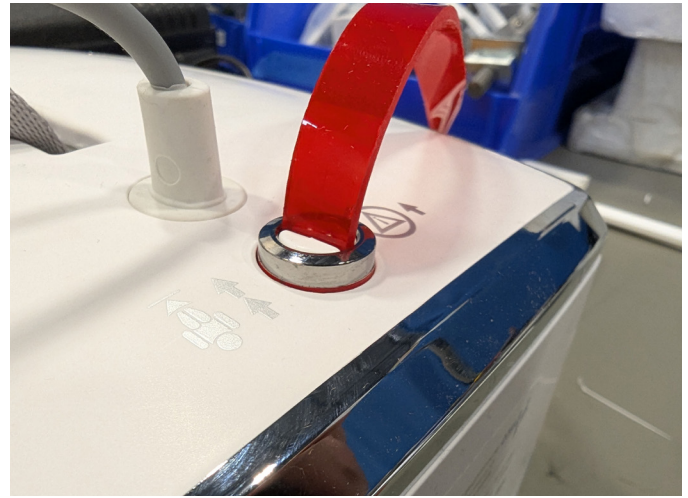
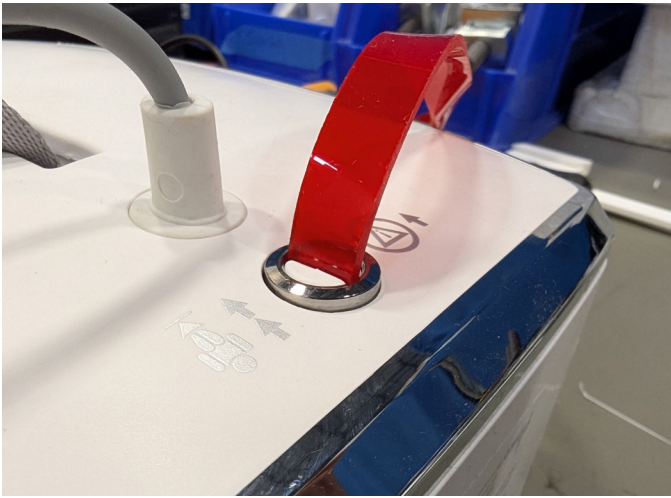
WARNING: If the strap is positioned incorrectly, the limit switches may not properly trigger and will also lead to the strap guard cover getting damaged over time.

7. Position the new strap into the opening of the strap hub.
8. Use a 5/32" or 4mm Hex T-Handle Allen Key to fasten the 4mm shoulder bolt back into place. Check that the 4mm shoulder bolt passed through the loop on the strap.

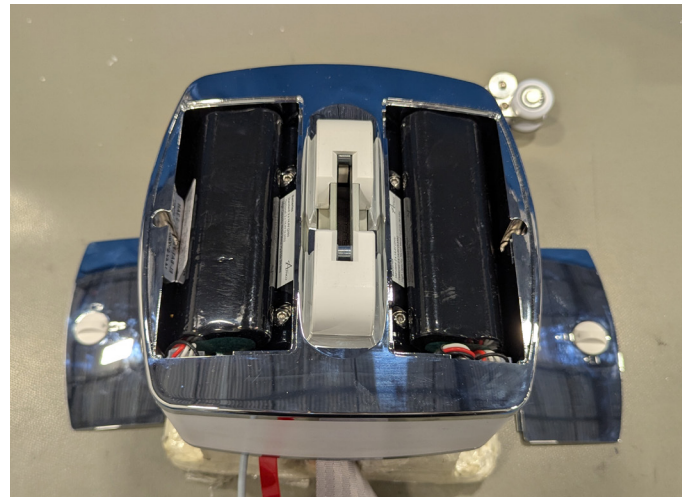
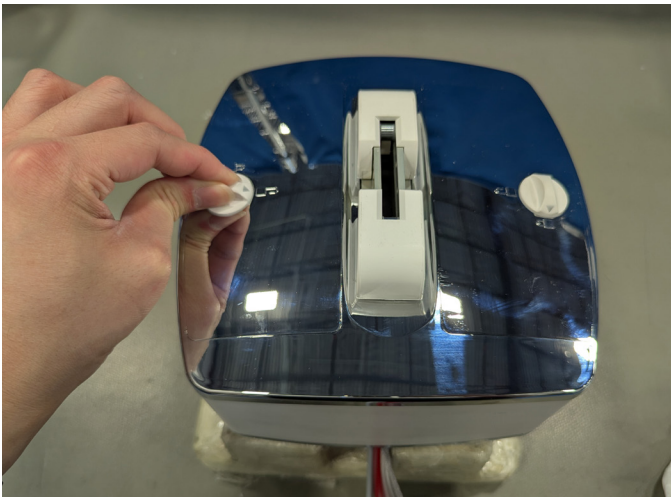


Replacing the GoLift Battery

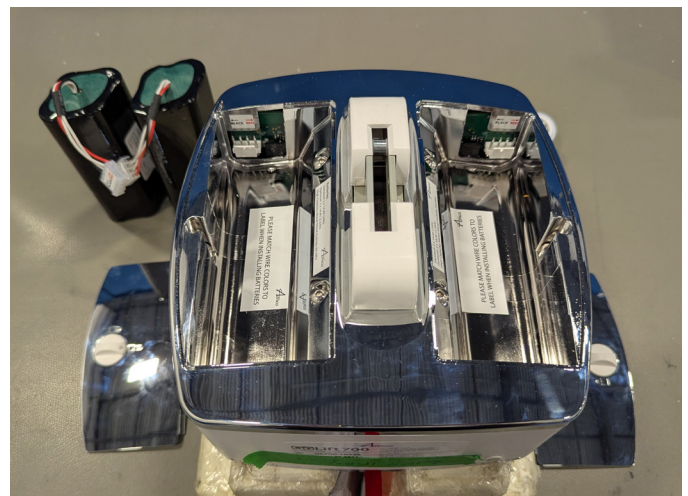
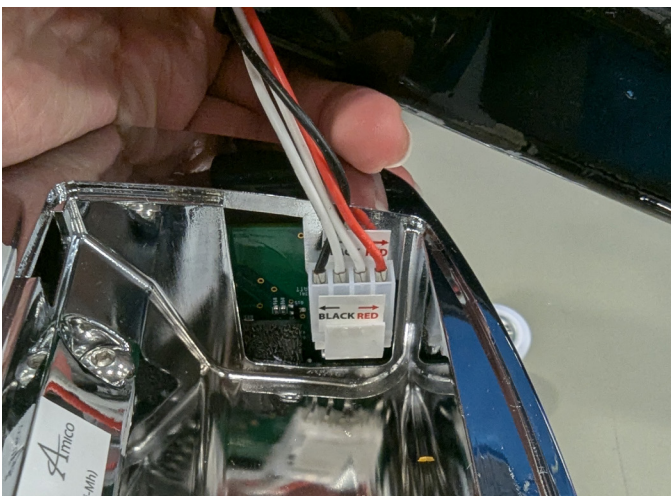
1. Pull the red emergency power cord to ensure all power is cut off from the battery and lift.



2. Remove the battery lids to expose the batteries.

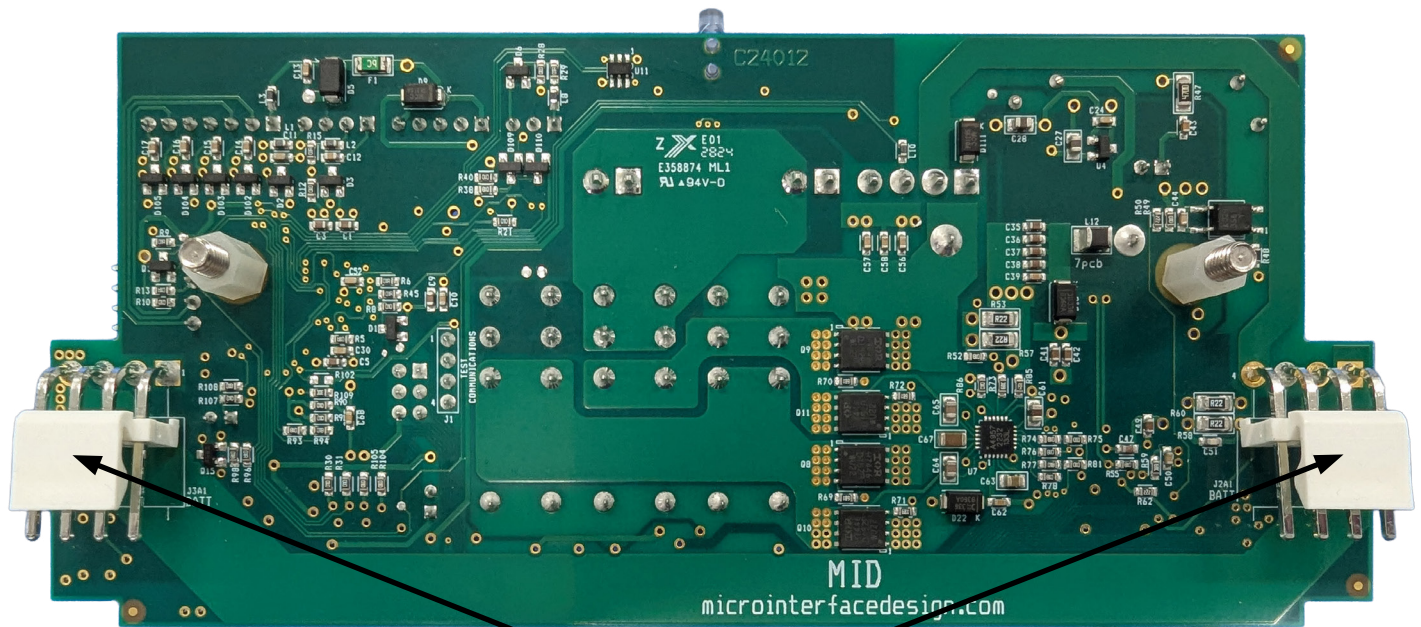


3. Disconnect the batteries from the GoLift.

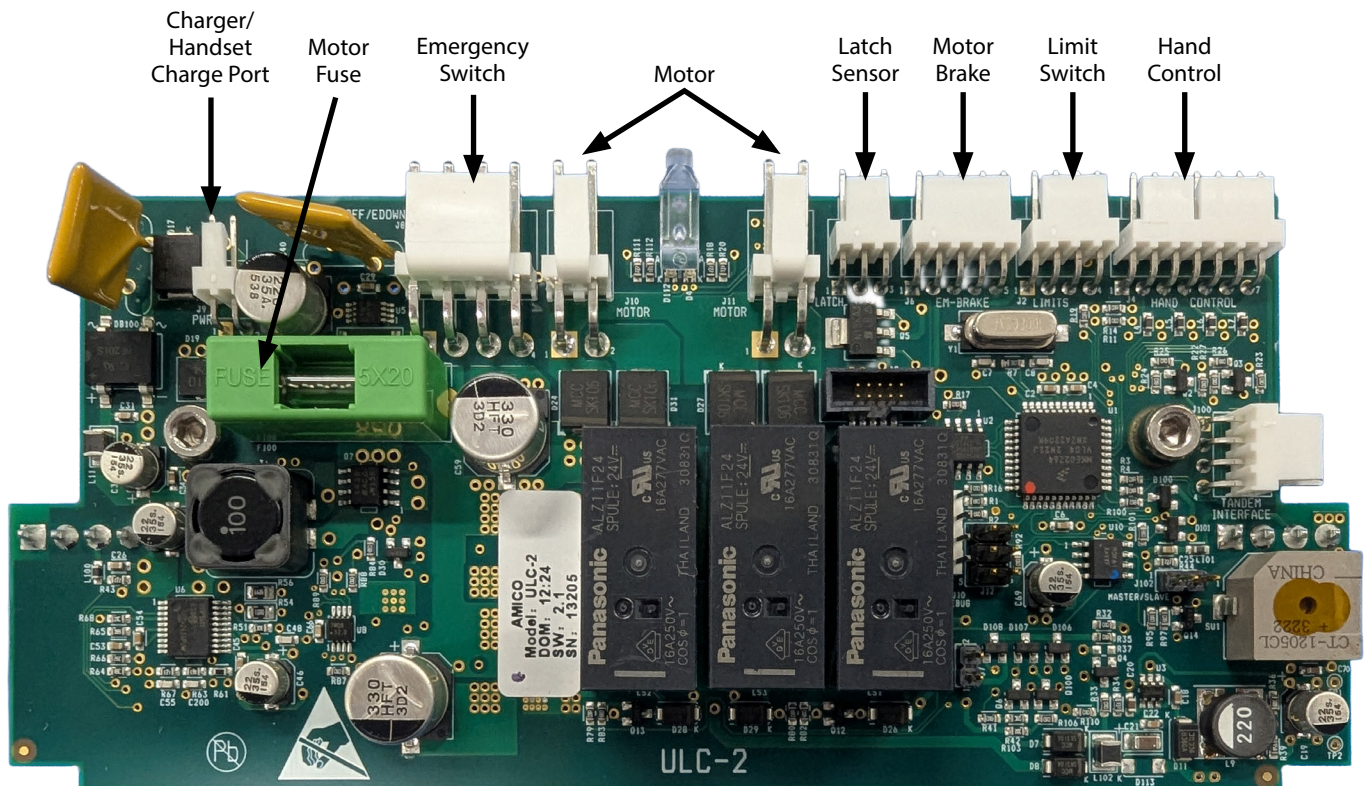


PCB Connections

MANUAL TRAVERSE GOLIFT CIRCUIT BOARD (EL-CRC-BRD-MMB-GL)



Battery Connectors



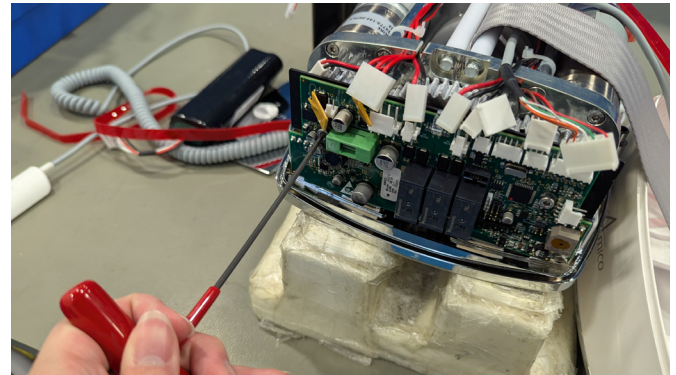
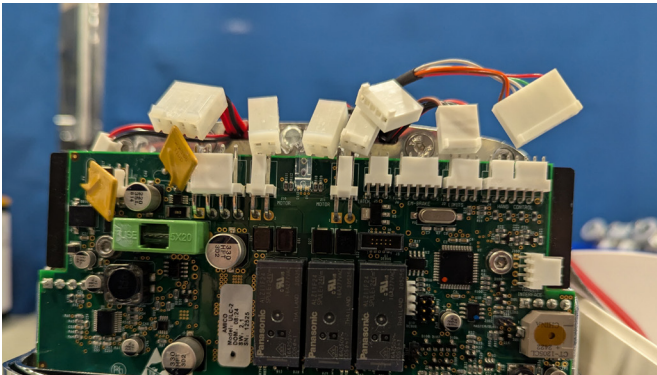
NOTE: A Handset Charge GoLift does not use the standard charging cable found on a typical GoLift system. It charges exclusively through the handset and will not receive charge through the track. Ensure the handset is properly connected for charging."

POWER TRAVERSE GOLIFT CIRCUIT BOARD (EL-CRC-BRD-MMB-GL-PT)

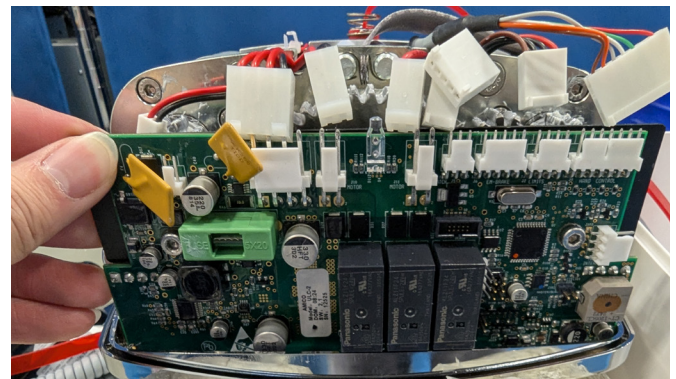
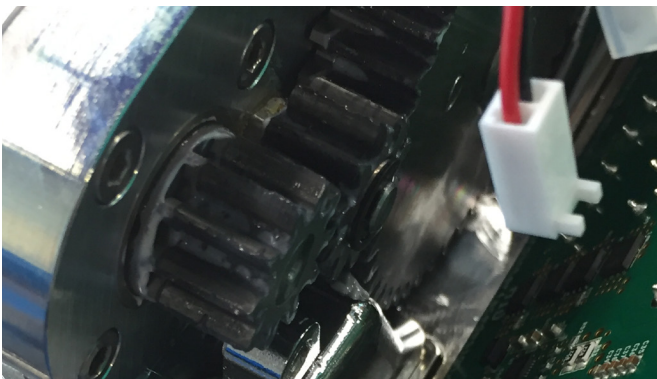


Replacing the PCB

1. Ensure proper ESD equipment (wrist strap) is worn prior to handling the PCB.
2. Follow the steps in "Getting Access to the GoLift" to open up the GoLift.
3. Disconnect all the connectors from the PCB.
4. Use a 3mm Hex T-Handle Allen Key to remove the two socket caps screws that secures the PCB in place.



5. Once removed, place the new PCB and PCB shield back onto the top cover of the GoLift. Check that the PCB and PCB shield is properly positioned, ensuring the battery connectors are properly fitted into the hole of the Top Cover as shown.



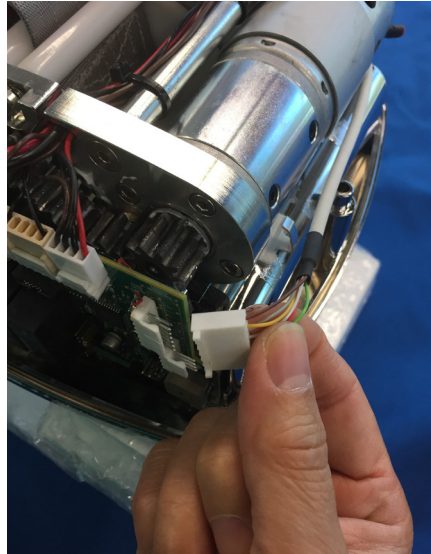
NOTE: Ensure the PCB shield is properly installed on the back of the GoLift circuit board to protect it from contact with the gears and grease.



6. Plug in all the connectors and secure the PCB back onto the top cover using a 3mm Hex T-Handle Allen Key.

Replacing the GoLift Hand Control

1. Follow the steps in “Getting Access to the GoLift” to open up the GoLift.
2. Disconnect the hand control harness from the GoLift PCB.
3. Cut the cable ties that holds the hand control harness in place.

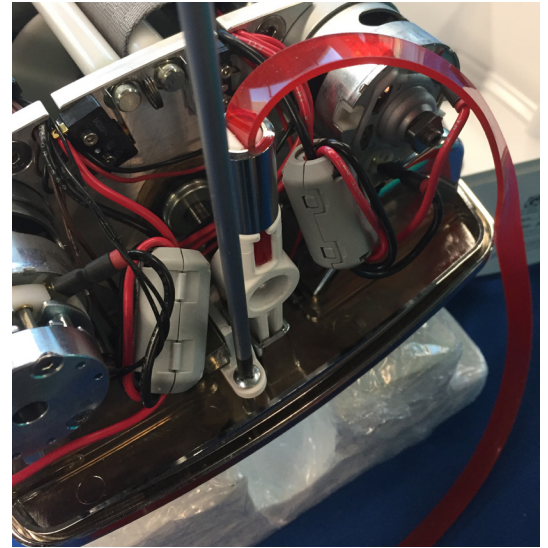
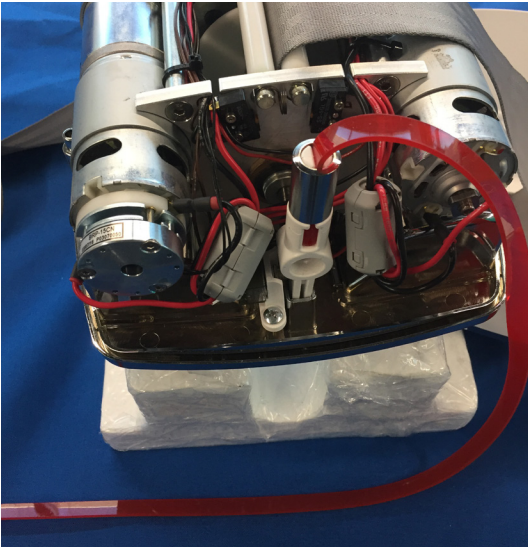


4. Twist the hand control grommet until it can pass through the opening in the top cover.
5. Fish the remaining cord and connector through the opening of the top cover to remove it.
6. Once removed, install the new hand control by following the above steps in reverse.
7. Secure the new hand control harness back in place using cable ties.

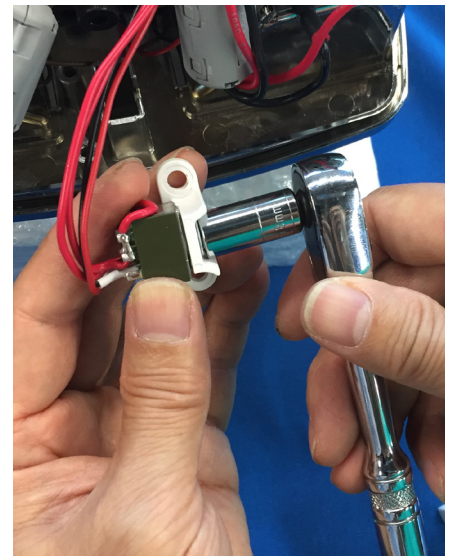
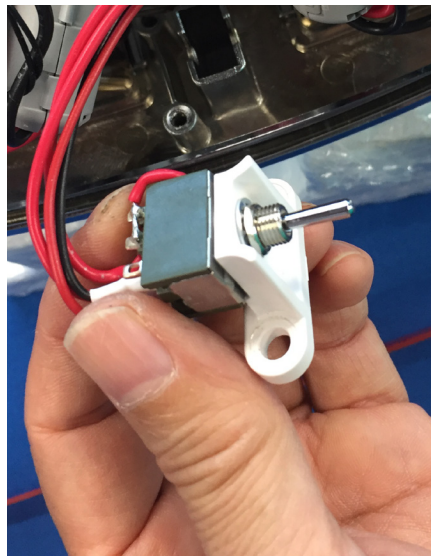
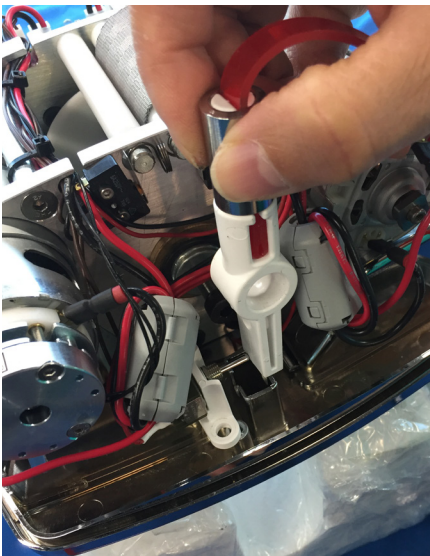


Replacing the Emergency Switch

1. Follows the steps in “Getting Access to the GoLift” to open up the GoLift.
2. Use a #2 Phillips screwdriver to remove the two button head screws that secures the emergency stop switch bracket to the GoLift top cover.

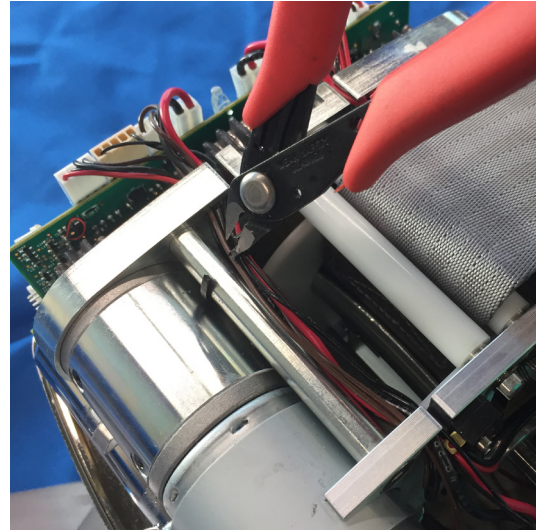
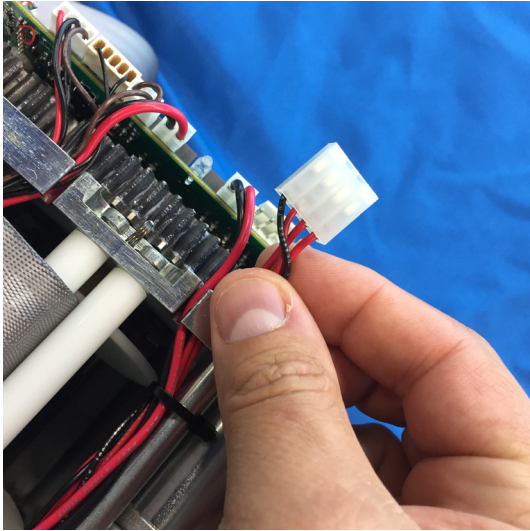


3. Remove the emergency stop sleeve from the bracket.
4. Use an 8mm socket wrench to remove the emergency switch from the bracket.



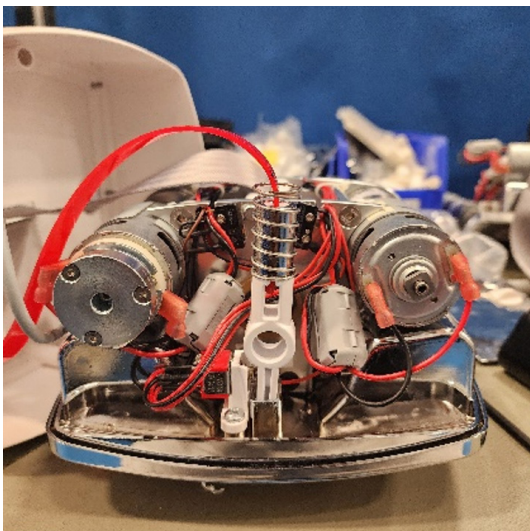
Replacing the Emergency Switch

5. Disconnect the emergency switch connector from the GoLift PCB.
6. Cut the cable ties that holds the emergency switch harness in place.
7. Install the new emergency switch by following Steps 2 to Steps 5 in reverse. Ensure a cable tie is used to secure the emergency switch harness in place.



Adding a Spring to the Emergency Cord

1. Follow the steps in "Getting Access to the GoLift" to open up the GoLift. Remove the free end of the emergency cord from the GoLift top cover.
2. Slide the spring onto the emergency cord sub-assembly as shown below.
3. Feed the free end of the emergency cord back into the GoLift top cover.

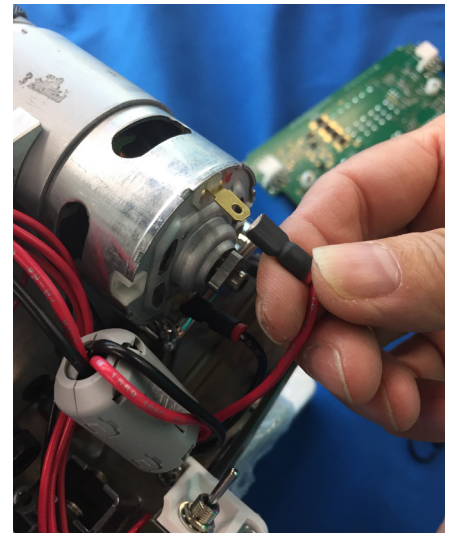
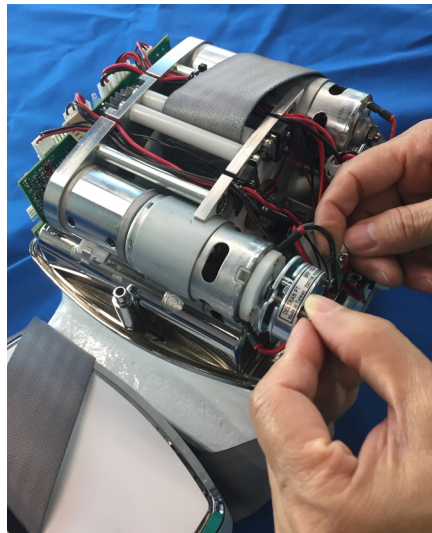
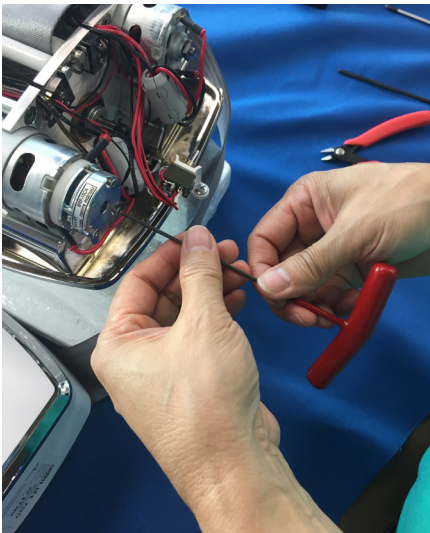


Replacing the GoLift Motor(s)

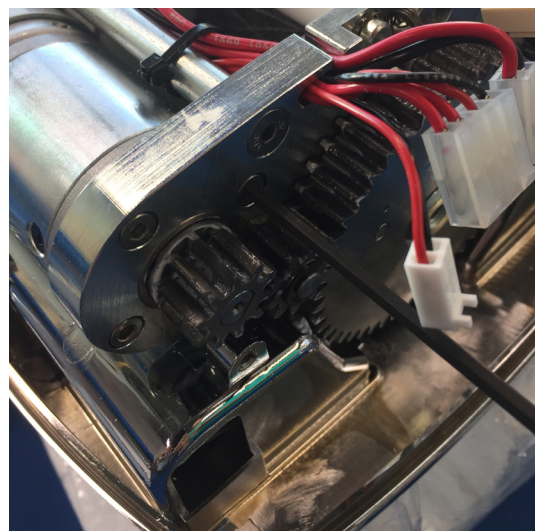
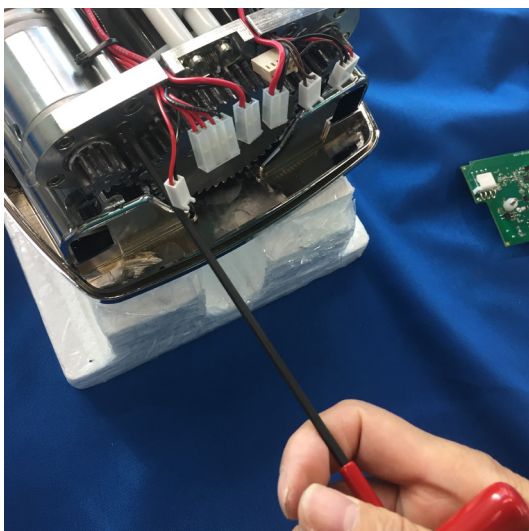
As of May 2024, the motors in the GoLifts have been updated to a different motor for performance improvement. Please ensure that the correct parts are ordered and used.

Follow the below instructions for GoLift models built before May 2024:

1. Follow the steps in “Getting Access to the GoLift” to open up the GoLift.
2. Use a 3mm Hex T-Handle Allen Key to remove the three screws that secures the motor brake onto the motor.
3. Disconnect the motor cable harness(es) from the motor(s).

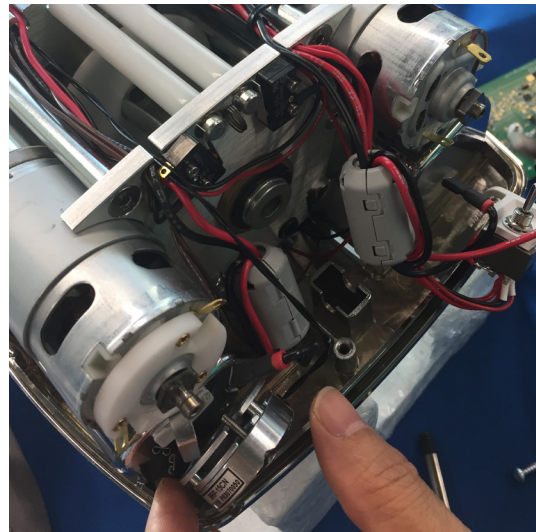
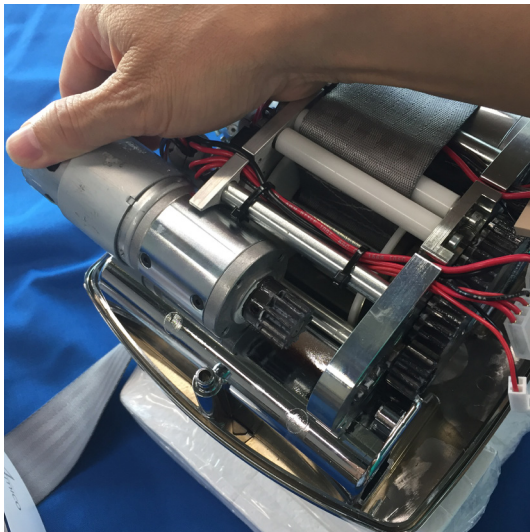


4. Follow the steps in “Replacing the PCB” to remove the circuit board from the GoLift to access the screws that secures the motor in place.
5. Use a 3mm Hex T-Handle Allen Key to remove the four screws that holds the motor to the GoLift motor mounting plate.



Replacing the GoLift Motor(s)

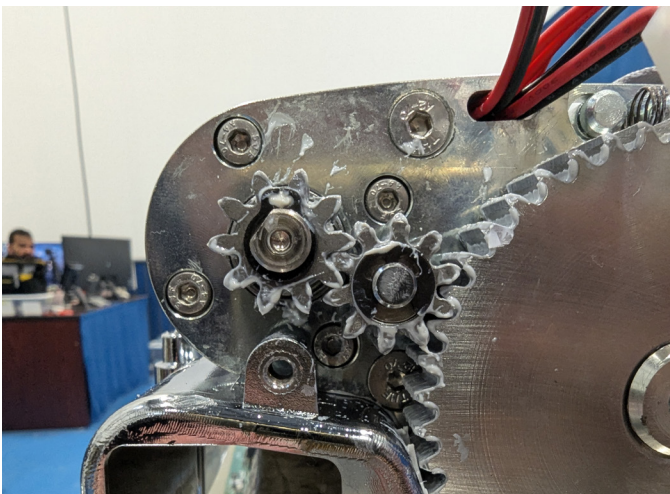
6. Slide the motor out of the motor mounting plate.
7. Install the new motor in place, following the above steps in reverse.



NOTE: Ensure the square cut-out on the motor brake pad is aligned with the square drive at the back of the motor.

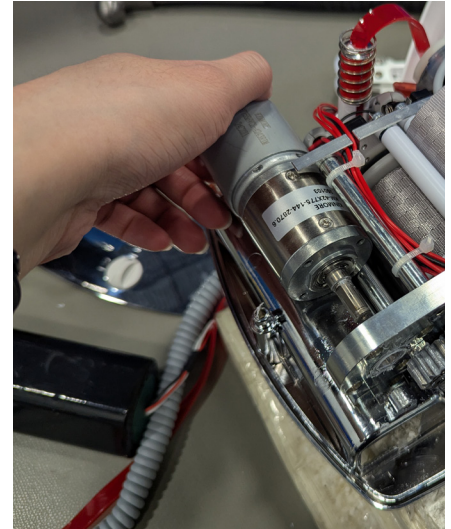
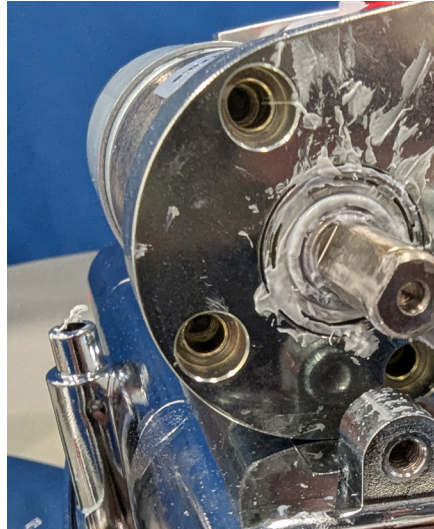
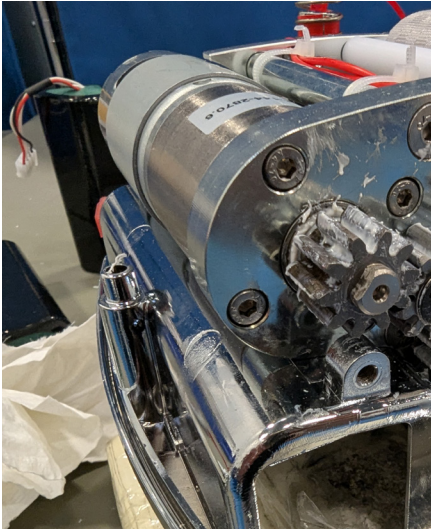
Follow the below instructions for GoLift models built after May 2024:

1. Follow Steps 1 through 5 from the previous set of instructions.
2. Use a Retaining Ring plier to remove the retaining ring that secures the motor gear to the motor.

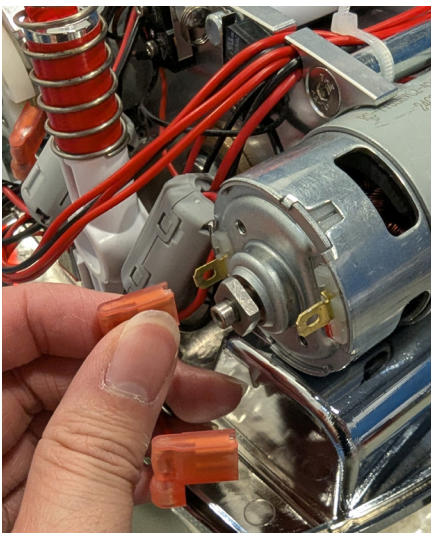


Replacing the GoLift Motor(s)

3. Once the retaining ring has been removed, remove the motor gear from the motor and remove the motor from the motor mounting plate.



4. Install the new motor onto the motor mounting plate by following the above steps in reverse.

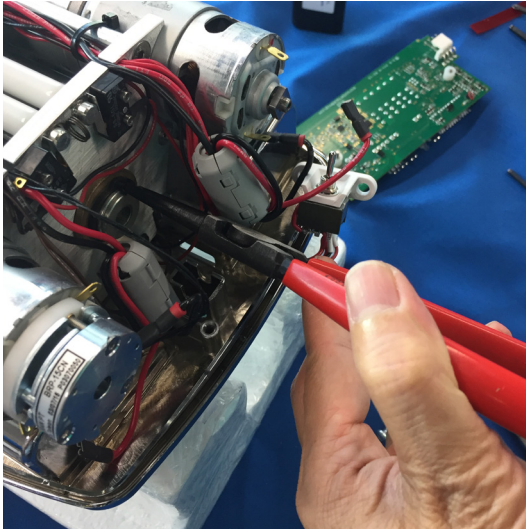


NOTE: When installing the new motor, ensure the motor is properly orientated such that the flat end of the shaft is 45 deg. If the shaft isn't at an angle, slowly rotate the shaft at the end of the motor to turn it slowly.

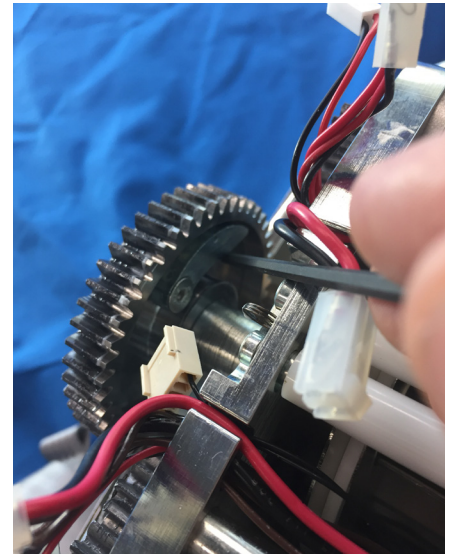
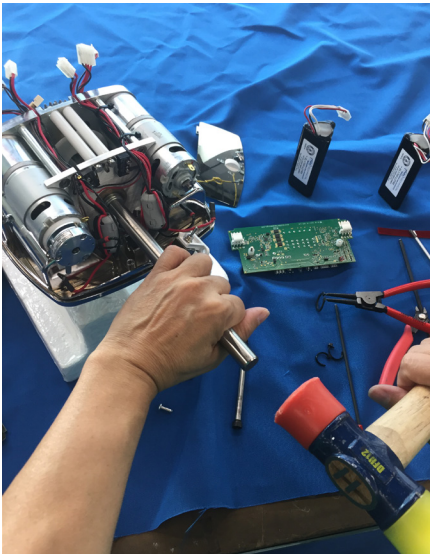
5. If the motor originally equipped with a brake is replaced, ensure the brake is reinstalled onto the new motor. Refer to Step 2 in the previous instructions for proper reinstallation procedure.

Checking the Overspeed Cam

1. Follow the steps in “Getting Access to the GoLift” to open up the GoLift.



2. Use a Retaining Ring Plier to remove the retaining ring that secures the strap hub in place.
3. If required, use a plastic mallet and a bar to push the hub gear sub-assembly out of the GoLift.



4. Use a T-Handle or small screw driver to confirm that the overspeed cam is operating correctly and does not get stuck.
5. After confirming that the overspeed cam is operating correctly, place the hub gear sub-assembly back into place and reinsert the retaining ring.

Replacing the Limit Switch

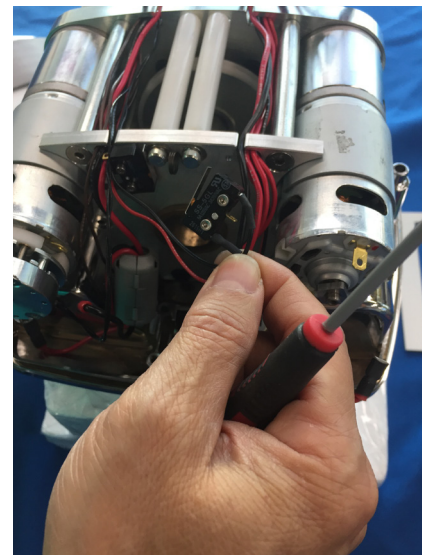
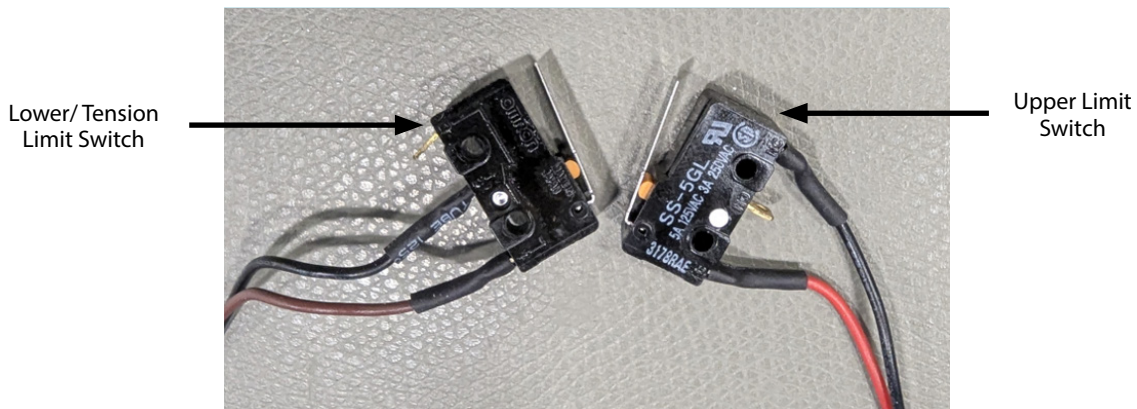
1. Follow the steps in “Getting Access to the GoLift” to open up the GoLift.
2. Use a 1.5mm Hex Allen Key to remove the screws that secures the limit switches in place and disconnect the harness from the PCB.
3. Install the new limit switches and connect the harness to the PCB. Ensure that the limit switches are positioned correctly as shown and described below:

The upper limit switch should be installed on the right side of the GoLift in the orientation as shown.

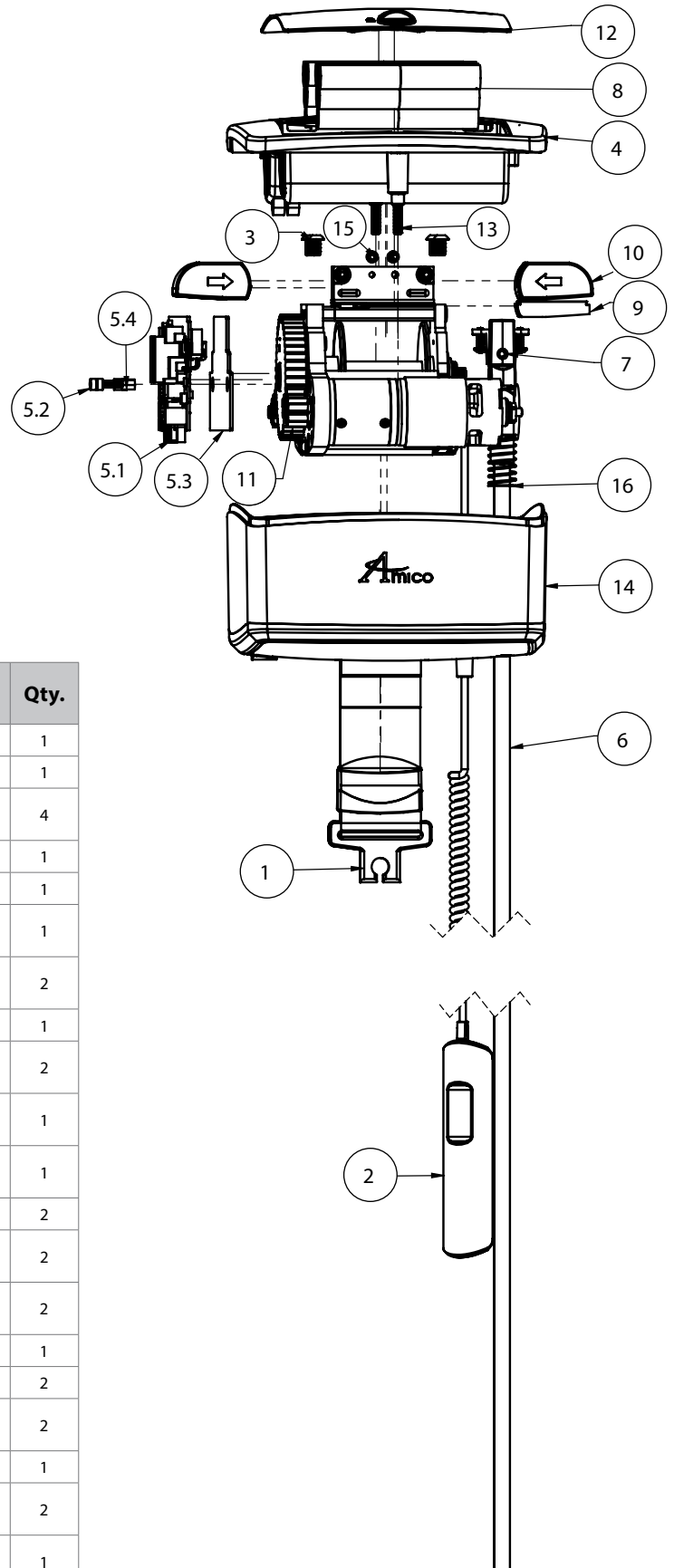
The lower/tension limit switch should be installed on the left side of the GoLift in the orientation as shown.

The upper limit switch should activate if the limit switch on the right side is triggered. This indicates to the lift that the strap has reached its maximum height and can no longer spool into the lift.

The lower/tension limit switch should activate if the limit switch on the left side is triggered. This indicates to the lift that either the weight has been removed or the strap has reached its lowest height and can no longer lower.

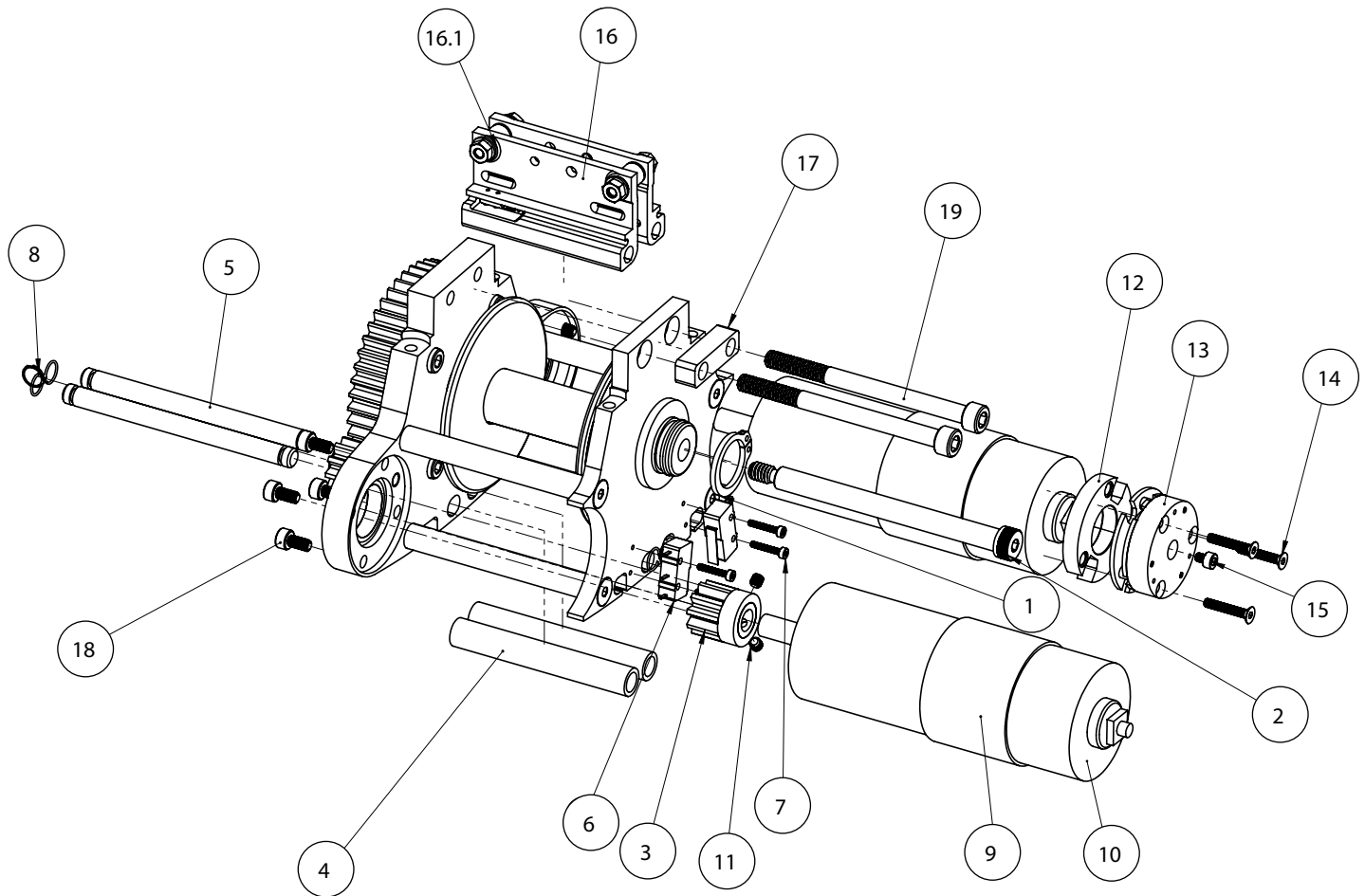


Critical Parts



Item No.	Part Number	Description	Qty.
1	GO-LIFT-STP-SUB-ASSY	STRAP SUB-ASSEMBLY	1
2	GO-LIFT-HND-CTRL-2	GO-LIFT-HND-CTRL-2	1
3	FS-SCR-SB-M5-10-SS	M5 BUTTON HEAD, 10MM LONG STAINLESS STEEL	4
4	GO-LIFT-TOP-CVR	GOLIFT TOP COVER	1
5	GO-LIFT-CRC-BRD-SUB-ASSY	CIRCUIT BOARD SUB-ASSEMBLY	1
5.1	EL-CRC-BRD-MMB-GL	CIRCUIT BOARD FOR MEMBRANE CONTROLLER	1
5.2	FS-SCR-SC-M4-14-SS	M4 SOCKET CAP SCREW 14MM LENGTH	2
5.3	EL-CRC-BRD-SHIELD	CIRCUIT BOARD SHIELDING	1
5.4	FS-SPC-NYL-M4-8	HEX THREADED STANDOFF, M4 THREAD	2
6	GO-LIFT-EMG-CRD-SUB-ASSY	EMERGENCY CORD SUB-ASSEMBLY	1
7	GO-LIFT-EMG-SWT-SUB-ASSY	GOLIFT EMERGENCY SWITCH SUBASSEMBLY	1
8	EL-BAT-PACK-C-3.3AH	BATTERY PACK 3.3AH	2
9	GO-LIFT-QR-TRLY-BTN-INSRT	QUICK RELEASE TROLLEY BUTTON INSERT	2
10	GO-LIFT-QR-TRLY-BTN	QUICK RELEASE TROLLEY BUTTON	2
11	GO-LIFT-700-MNT-PLT-50-SUB-ASSY	GOLIFT 700- 50% SUB-ASSEMBLY	1
12	GO-LIFT-BAT-CVR-SUB-ASSY	BATTERY COVER SUB-ASSEMBLY	2
13	FS-SCR-SC-M5-25	M5 SOCKET CAP SCREW 25MM LONG	2
14	GO-LIFT-BTM-CVR-SUB-ASSY	BOTTOM COVER SUB-ASSEMBLY	1
15	FS-SCR-SC-M4-14-SS	M4 SOCKET CAP SCREW 14MM LENGTH	2
16	FS-SPR-1.28-0.602-4.09	0.602" ID COMPRESSION SPRING, 1.28" LONG - 4.09 LBS/IN	1

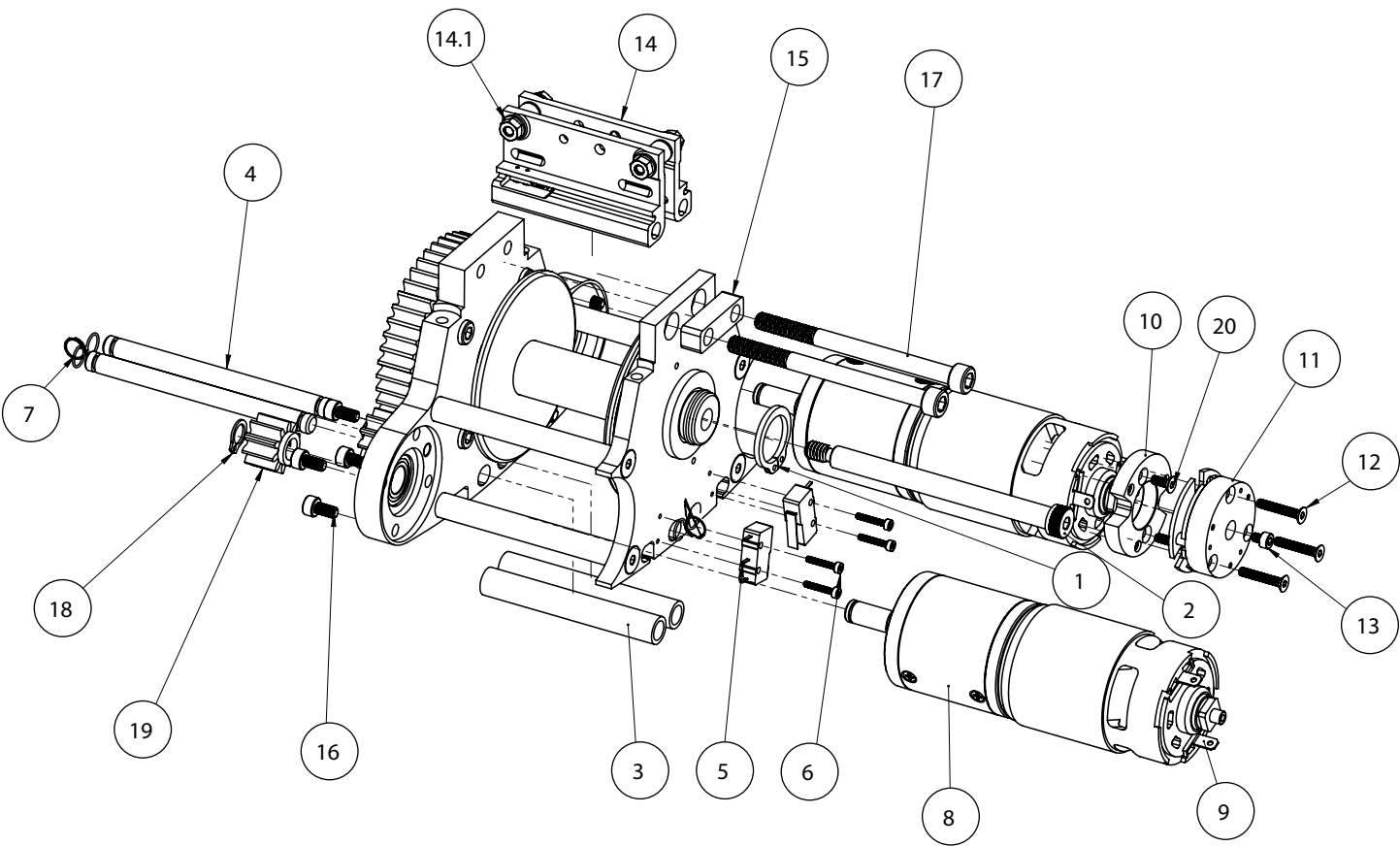
Critical Parts



Item No.	Part Number	Description	Qty.
1	FS-RTR-EXT-0.75-HD	EXTERNAL RETAINING RING 3/4"	1
2	FS-BLT-SHD-0.25-20-3.5	1/4"-20 SHOULDER BOLT 3.5" LENGTH - ALLOY STEEL	1
3	GO-LIFT-MTR-GEAR-W-FLG	REPLACEMENT GO LIFT MOTOR GEAR	2
4	GO-LIFT-LMT-SWT-RLR	GO LIFT LIMIT SWITCH ROLLER	2
5	GO-LIFT-LMT-SWT-SHFT	GO LIFT LIMIT SWITCH SHAFT	2
6	GO-LIFT-LMT-SWT-HRN	LIMIT SWITCH CABLE ASSEMBLY	1
7	FS-SCR-SC-M2-12-SS	M2 SOCKET CAP SCREW 12MM LENGTH	4
8	GO-LIFT-LMT-SWT-SPR	GO LIFT LIMIT SWITCH SPRING	2
9	GO-LIFT-MTR-ZN1203	GOLIFT MOTOR	2
10	GO-LIFT-MTR-CBL-HRN	MOTOR CABLE HARNESS	2
11	FS-SET-SCR-M4-4	M4 SET SCREW 4MM LONG	4
12	GO-LIFT-MTR-BRK-ADP-PLT-SUB-ASSY	MOTOR BEAK ADAPTOR PLATE SUB-ASSEMBLY	1
13	GO-LIFT-MTR-EM-BRK	EMERGENCY BRAKE	1
14	FS-SCR-SK-M3-18-SS	M3 COUNTER SUNK SCREW 18MM LENGTH	3
15	FS-SCR-SC-M3-4-12.9	M3 SOCKET HEAD CAP SCREW LENGTH 4MM 12.9MM GRADE	1
16	GO-LIFT-QR-TRLY-PLT-SUB-ASSY	QUICK RELEASE TROLLEY PLATE SUB-ASSEMBLY	1
16.1	GO-LIFT-TRLY-LCH-CHRG-CBL-HRN	TROLLEY LATCH CHARGING CABLE HARNESS	1
17	GO-LIFT-TRLY-PLT-OFS-SPCR	GO LIFT TROLLEY PLATE OFF-SET SPACER	1
18	FS-SCR-SC-M4-8-SS	M4 SOCKET CAP SCREW 8MM LENGTH	8
19	FS-SCR-SC-M6-80-12.9	M6 SOCKET CAP SCREW 80MM LENGTH 12.9 GRADE	2

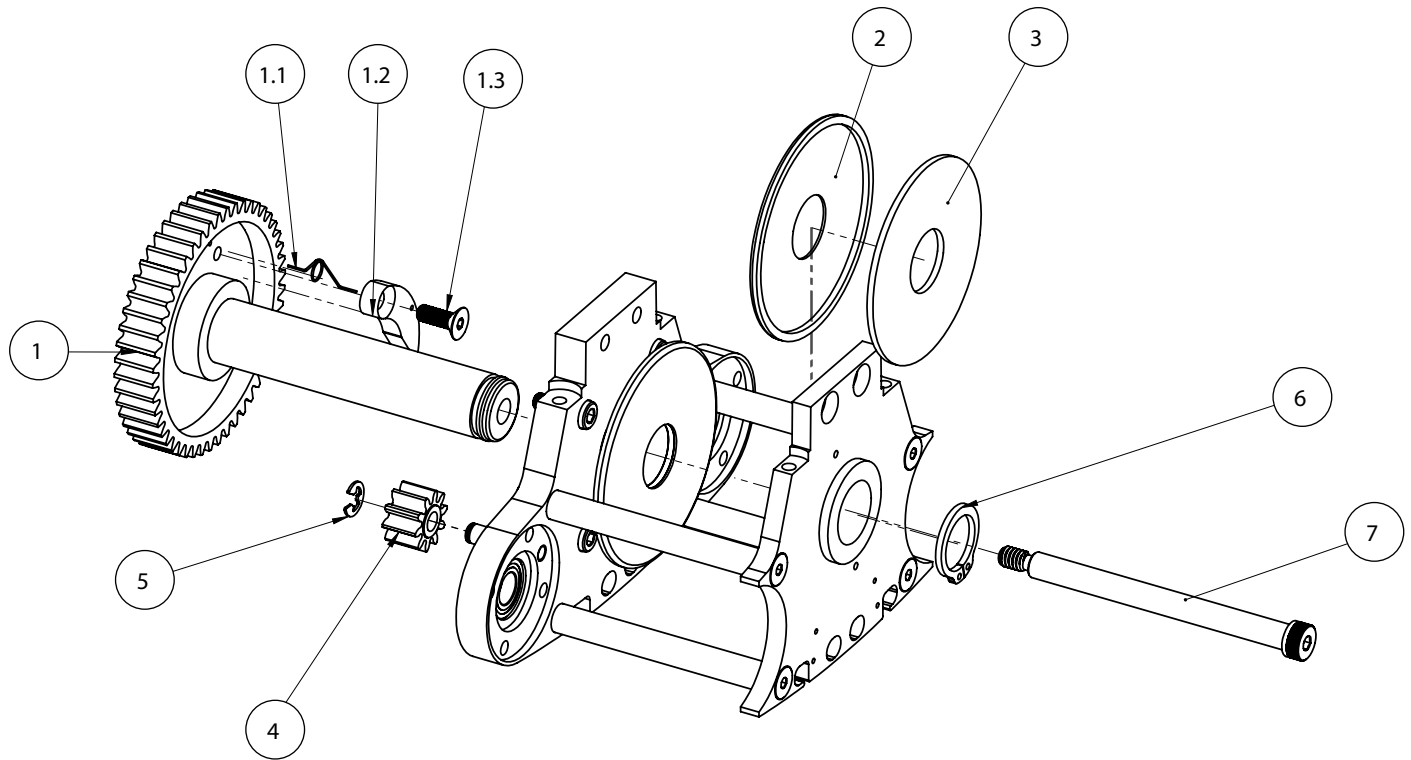
Critical Parts

The following exploded view is for GoLifts manufactured after May 2024:



Item No.	Part Number	Description	Qty.
1	FS-RTR-EXT-0.75-HD	EXTERNAL RETAINING RING 3/4"	1
2	FS-BLT-SHD-0.25-20-3.5	1/4"-20 SHOULDER BOLT 3.5" LENGTH - ALLOY STEEL	1
3	GO-LIFT-LMT-SWT-RLR	GOLIFT LIMIT SWITCH ROLLER	2
4	GO-LIFT-LMT-SWT-SHFT	GOLIFT LIMIT SWITCH SHAFT	2
5	GO-LIFT-LMT-SWT-HRN	LIMIT SWITCH CABLE ASSEMBLY	1
6	FS-SCR-SC-M2-12-SS	M2 SOCKET CAP SCREW 12MM LENGTH	4
7	GO-LIFT-LMT-SWT-SPR	GOLIFT LIMIT SWITCH SPRING	2
8	GO-LIFT-MTR-KM-42X75-10	GOLIFT KINMORE MOTOR, 10MM SHAFT	2
9	GO-LIFT-MTR-CBL-HRN	MOTOR CABLE HARNESS	2
10	GO-LIFT-MTR-BRK-ADP-PLT-SUB-ASSY	MOTOR BRAKE ADAPTOR PLATE SUB-ASSEMBLY	1
11	GO-LIFT-MTR-EM-BRK	EMERGENCY BRAKE	1
12	FS-SCR-SK-M3-18-SS	M3 COUNTER SUNK SCREW 18MM LENGTH	3
13	FS-SCR-SC-M3-4-12.9	M3 SOCKET HEAD CAP SCREW LENGTH 4MM 12.9MM GRADE	1
14	GO-LIFT-QR-TRLY-PLT-SUB-ASSY	QUICK RELEASE TROLLEY PLATE SUB-ASSEMBLY	1
14.1	GO-LIFT-TRLY-LCH-CHRG-CBL-HRN	TROLLEY LATCH CHARGING CABLE HARNESS	1
15	GO-LIFT-TRLY-PLT-OFST-SPCR	GOLIFT TROLLEY PLATE OFF-SET SPACER	1
16	FS-SCR-SC-M4-8-SS	M4 SOCKET CAP SCREW 8MM LENGTH	8
17	FS-SCR-SC-M6-80-12.9	M6 SOCKET CAP SCREW 80 MM LENGTH 12.9 GRADE	2
18	FS-RTR-8MM	8MM EXTERNAL RETAINING RING	2
19	GO-LIFT-MTR-GEAR-V02	GOLIFT MOTOR GEAR, VERSION 2	2
20	FS-SCR-SK-M3-8	M3-0.50 X 8MM DIN 7991 CLASS A2 STAINLESS STEEL FLAT HEAD SOCKET CAP SCREW	2

Critical Parts



Item No.	Part Number	Description	Qty.
1	GO-LIFT-HUB-GEAR-SUB-ASSY	HUB GEAR SUB-ASSEMBLY	1
1.1	GO-LIFT-OVR-SPD-ARM-SPR	OVER SPEED ARM SPRING	1
1.2	GO-LIFT-OVR-SPD-ARM	GO LIFT OVERSPEED ARM	1
1.3	FS-SCR-SK-M5-14-SS	FLAT HEAD SOCKET CAP SS SCREW, M5 THREAD, 14MM LENGTH, 0.8 PITCH	1
2	GO-LIFT-STP-GRD	STRAP GUARD THICK	2
3	GO-LIFT-STP-GRD-STFN	GO LIFT STRAP GUARD STIFFNER	2
4	GO-LIFT-IDL-GEAR-SUB-ASSY	IDL GEAR SUB-ASSEMBLY	2
5	FS-RTR-EXT-E-6-8	6-8MM SHAFT EXTERNAL E-STYLE RETAINING RING	2
6	FS-RTR-EXT-0.75-HD	EXTERNAL RETAINING RING 3/4"	1
7	FS-BLT-SHD-0.25-20-3.5	1/4"-20 SHOULDER BOLT 3.5" LENGTH - ALLOY STEEL	1

Warranty Policy - Mobility Solutions

The primary purpose of our ceiling lift system is to safely lift, transfer and reposition a patient with as little effort as possible for the caregiver, regardless of the room type. The Amico Mobility Solutions Corporation's GoLift is easy and safe to use for caregivers as well as patients. The lift systems fit into all environments and fulfill the highest requirements of function, safety and reliability.

Amico Mobility Solutions Corporation warrants its lifting equipment and workmanship to be free from defects for a period of one (1) year from the date of shipment. This includes tracks, lift motor, carry bar and accessories. The Amico slings have a warranty of one (1) year.

Within this period, Amico Mobility Solutions Corporation will replace any part (at no additional charge), which is deemed defective. Shipping and installation costs after the first twelve (12) months will be borne by the customer. The following exclusions apply: the warranty for batteries is for a period of three (3) months from the time of shipment; the warranty for power supply is one (1) year from the time of shipment.

This warranty is valid only when the product has been properly installed as outlined in the Amico Mobility Solutions Corporation specifications; including but not limited to proper usage and servicing of systems according to factory recommendations. It does not cover damages as a result of shipment failures, accidents, misuse, abuse, neglect, mishandling, alternation, misapplication or damages which may be attributed to acts of God.

The manufacturer's warranty is void if persons unauthorized by Amico Mobility Solutions Corporation perform work on the GoLift Patient Lift or the GoLift Portable450 lift systems. Specifically, only an individual trained by Amico Mobility Solutions Corporation is to perform service to the equipment. Warranty coverage does not include incorrect performance due to unauthorized service.

Amico Mobility Solutions Corporation under the terms of this guarantee shall be limited to the servicing of defective parts and shall not be liable for incidental or consequential damages resulting from the use of the equipment.

All claims for warranty must first be approved by Amico Mobility Solutions Corporation's Service Department at amo-service@amico.com or through Amico's direct lines: 905-747-2032 or 1-833-843-8470. A valid Return Goods Authorization (RGA) number must be obtained from Amico Mobility Solutions Corporation prior to commencement of any service work. Warranty work which has not been pre-authorized by Amico Mobility will not be reimbursed.



www.amico.com

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AMO-IM-GOLIFT-PATIENT-LIFT-SERVICE-REPAIR 05.26.2025



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