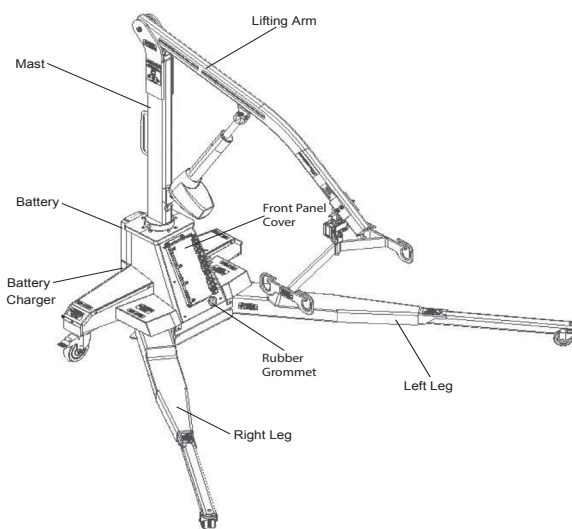


- ⚠ **WARNING: Important! Read and understand these instructions before installing the new electronics. If you do not understand any part of these warnings, cautions or instructions, contact a healthcare professional for direction in the use of this product. If the electronics are not properly installed, personal injury and damage to the lift and / or replacement electronics kit could result.**
- ⚠ **WARNING: If components are damaged or missing, contact your GF authorized distributor immediately. DO NOT use substitute parts. The use of non-Gendron replacement parts will void the warranty, and could create a hazardous condition resulting in serious personal injury.**
- ⚠ **WARNING: Unauthorized modification of the patient lift or the use of non-Gendron replacement parts may change the structure of the lift and could create a hazardous condition, which may result in serious injury and will void the warranty.**
- ⚠ **WARNING: GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper assembly, installation or use of this product.**



Before



After

ELECTRONICS REPLACEMENT KIT G27235 PARTS LIST

Item	#	UOM	Description
G27226	1	1 ea	Cable for large lift actuator
G27227	2	1 ea	Cable for leg actuator
G27229	3	1 ea	Control Box PL Lift Series
G27230	4	1 ea	Battery for PL Lift Series
G27231	5	1 ea	Control Box mounting bracket for PL Lift Series
G27232	6	1 ea	Junction Box for PL Lift Series

Item	#	UOM	Description
G27234	7	1 ea	Cable from Control Box to PJ2 PL Series
G27236	8	1 ea	G27235 kit instruction sheet
G27237	9	5 ea	Adaptor cable
G27238	10	1 ea	Plastic plug (black)
GP1539-1	11	1 ea	Tie cable 15 inch #7130K172

INTENDED USE

The Gendron G27235 Electronic Replacement Kit is designed for updating / replacing the electronic components to the PL series lifts made BEFORE 2024. Read the entire document carefully before starting the replacement process, and refer to it during removal of obsolete components and installation of new electronics if you have questions.

Info: For more detailed information or any service related questions, call GF Health Products, Inc. Service Tech Department at 1.770.368.4700.

▲ **NOTICE:** The Gendron G27235 Electronic Replacement Kit instructions are for Gendron PL Series Patient Lifts manufactured BEFORE 2024 ONLY.

⚠ **WARNING:** The Gendron G27235 Electronic Replacement Kit instructions are for Gendron PL Series Patient Lifts manufactured before 2024 only. This kit is not intended to be used for models manufactured 2024 and on. Using this kit and / or instructions for newer model lifts could result in personal injury or damaging the PL Series Lift.

⚠ **WARNING:** Unauthorized modification of the patient lift or the use of non-Gendron replacement parts may change the structure of the lift and could create a hazardous condition, which may result in serious injury and will void the warranty.

INSTALLATION INSTRUCTIONS

⚠ **WARNING:** ALWAYS unplug the patient lift from the electrical outlet before servicing.

⚠ **WARNING:** Perform this installation only while patient lift is unoccupied.

Components required for installation: G27235 Electronic Parts Kit

Tools required: 3/16" hex key and socket wrench with 3/8" socket (NEED)

1 REMOVING THE OLD ELECTRONICS

a. Remove the old battery:

⚠ **NOTICE:** Ensure legs of lift are open before removing old electronics from patient lift.

1. Unplug gray power supply cable. (discard) and the black power cord (keep)
2. Remove the old battery and discard.
3. Power supply is held by one screw. Remove the power supply and discard. Unscrew power supply and discard. Keep the screw.
4. Remove the three screws holding the battery bracket. Remove bracket and keep 3 screws.

power supply cord

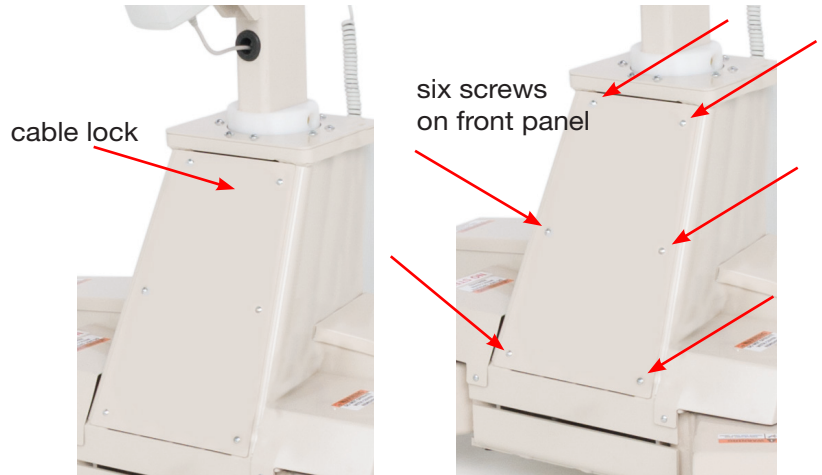
power cord



b. Remove the old electronics:

▲ **NOTICE:** Old electronic panel is located on opposite side of the lift battery location.

1. Locate electronic panel and cable lock. Slightly lift cable lock from the sides and remove from panel. Discard once removed.
2. Unplug all the cables. Be sure to keep all the cables. You will use them with the new kit.
3. Unplug and discard the rubber grommet.
4. Locate and remove the four screws holding the control box to the front panel of the lift. Be sure to keep the screws.
5. Locate and remove the six screws holding the front panel to the lift. Be sure to keep the screws.

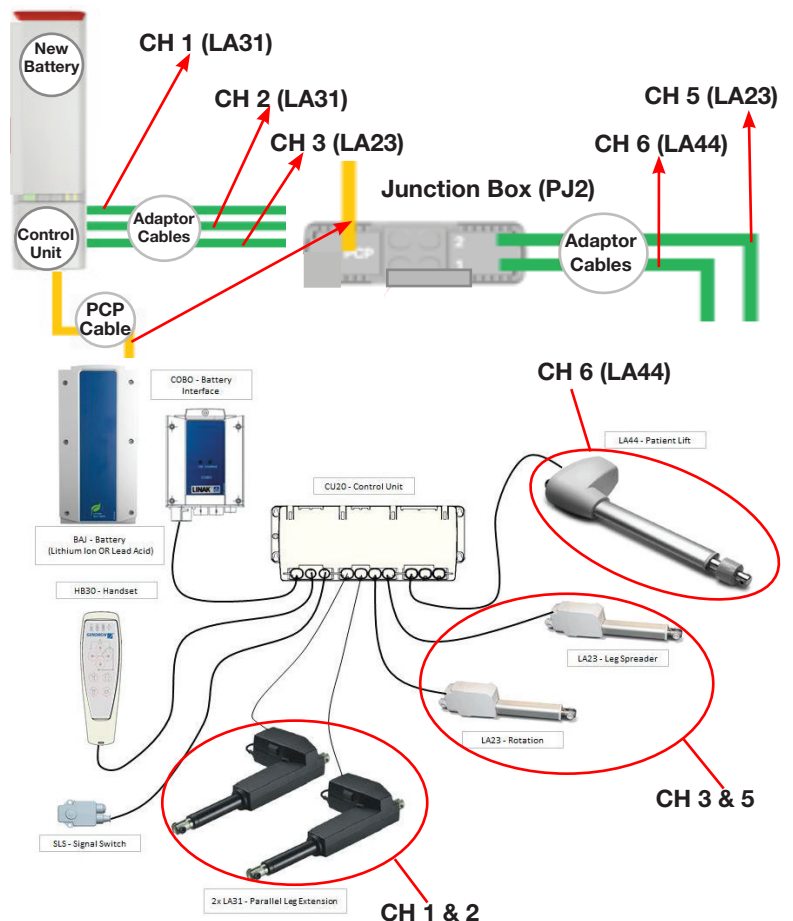


2 INSTALLING THE NEW G27235 ELECTRONIC REPLACEMENT KIT

a. Attaching new cables:

⚠ **NOTICE:** Ensure legs of lift are open before installing new electronics to patient lift.

1. Plug in adaptor cables (G27237) CH5, CH6, and PCP cable into Junction Box (PJ2).
2. Route remaining cables through rubber o-ring hole on side of base (see image).
3. Install PJ2 cover and zip-tie to platform.
4. Reinstall front plate with 6 screws you kept from removing the old electronics.
5. If applicable, install black cap in hole at bottom right of plate.
6. Reinstall 4 screws you kept from removing the old control box.



Rubber O-Ring
Route Cable Here



Inside of Lift



PJ2 Zip-tied to
platform

b. Mounting New Controller

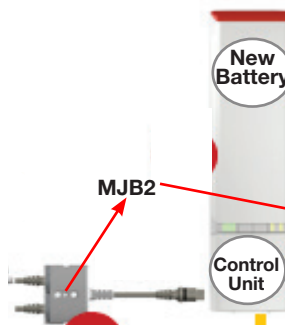
Locate the back of the lift where the old battery was removed.

*See "**Remove the Old Battery**" if old battery is still attached.

1. Attach control box mounting bracket (G27231) using predrilled holes.
2. Attach control box (G27229) to mounting bracket using screws kept from old battery removal.
3. Locate the newly routed cables (with adaptors attached) from the side of the lift base, and plug in CH1, CH2, and CH3 into control box (see image right).
4. Install control box cover.
5. Install Junction Box (MJB2) (located at the bottom of the control box) with a screw (GP464-3), and insert remote cable and SIS cable.
6. Zip-tie cables together.
7. Install Control Box Cover.



Re-routed cables with adaptors installed.



Attached cover and junction box.



Zip-tied cables.

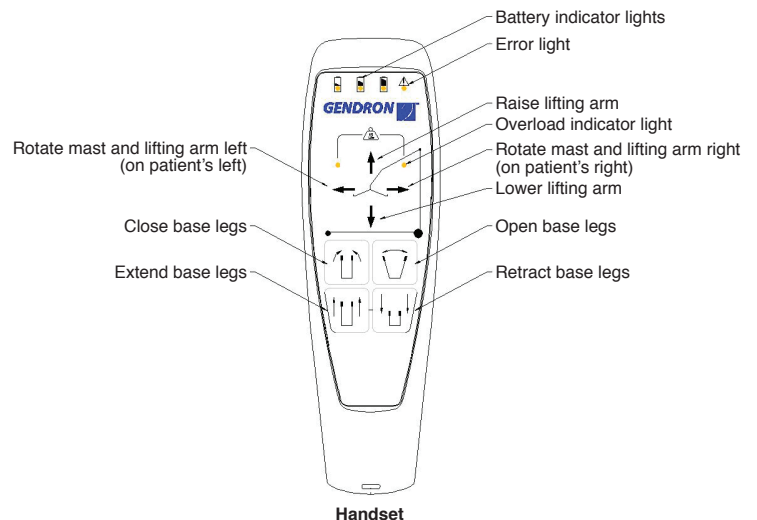
3 OPERATING THE PLXX SERIES LIFT WITH G27235 ELECTRONIC REPLACEMENT KIT

a. Activating New Controller:

⚠ WARNING: The patient lift legs must be in the maximum open and fully extended position in order for any lift or rotation functions to operate.

Use the handset (HB30).

1. Fully extend lift legs.
2. Fully spread lift legs.
3. Completely rotate the mast to the left, and return to center.
4. Return the legs to the starting position.

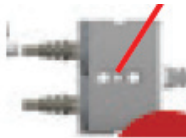





- ⚠ **WARNING:** It is extremely important that the patient lift be inspected before each use. Ensure that all hardware and accessories are secure and that the actuator is functioning properly. Failure to do so could result in patient / attendant injury or damage to your patient lift. Torn, cut, frayed or broken slings can fail, resulting in serious injury. Only use slings in good condition. Inspect before each use. Destroy and discard old worn and unusable slings.
- ⚠ **WARNING:** Service and repair of the Gendron PLXX Patient Lift **MUST** be performed by qualified personnel **ONLY**.
- ⚠ **WARNING:** Unauthorized modification of the patient lift or the use of non-Gendron replacement parts may change the structure of the lift and could create a hazardous condition, which may result in serious injury and will void the warranty.
- ⚠ **WARNING:** The electronics and actuator contain no serviceable components. **DO NOT** attempt to open the electronics or actuator. If service is required, consult GF Tech Support at 1.770.368.4700 for further information.

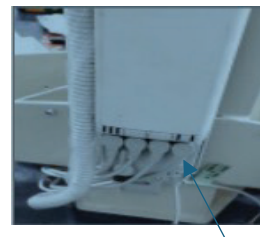
When you believe a component or part is not functioning properly, immediately contact GF Tech Support at 1.770.368.4700, as a potentially hazardous condition could exist.

4 APPENDIX FOR REFERENCE

- ▲ **NOTICE:** The Gendron Lift's original control box is labeled with numbers. Please label ports before pulling the plugs out. Numbers are on the side of control box.

Label the old Electronics:	Plug into the new Electronics:	
1. #1 in the old	Plug to MJB2 in new.	
2. #2 in the old	Plug to MJB2 in new.	
3. #1 out from old	Control box #1 port CH1	
4. #2 out from Old	Control box #2 port CH2	
5. #3 out from old	PJ2 #1 Port CH6	
6. #4 out from old	#3 on control box	
7. #5 out from old	PJ2 # 2 port CH5	

- ▲ **NOTICE:** The last steps are to connect the last port of the New Control box to PJ2, and connect MJB2 plug into the control box.



GENDRON[™] *by graham-field*

Manufactured For:
GF Health Products, Inc.
1 Graham-Field Way, Atlanta, GA 30340

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GD_G27235-INS-LAB-RevA25



+1 770.368.4700

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