



LIVING SPACES

# 1955 THORP LIFT CHAIR

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## USER MANUAL

Troubleshooting Guide

This guide is to help with a non-functioning power recliner

# Components:

- **Hand wand** – placed in the side pocket (outside LAF arm), controls all motors and functions (reclining, power headrest, lifting, etc.) via a direct connection with motors.
- **AC wall plug** – connects the power transformer to the power outlet.
- **DC cord** – connects the power transformer to the DC socket (mounted on the rear bottom of LAF arm stump).
- **DC socket** – receives power from DC cord then transfer to motors.
- **Power Transformer** – A box-shaped unit to transfer 110V AC power to 25V DC power to supply for the furniture.
- **Battery**- The battery was mounted at the top of transformer and could provide the power while can't get power.
- **Y-cable w/ control Box** – splitter/extension cord connecting the power transformer to multiple motors/Hand wand/ heating padding.
- **Back / Headrest Motor** – mounted on mechanism to drive movement on seat/headrest via hand wand control.
- **Lift motor** – mounted underneath mechanism to drive upward and downward movement via hand wand control.
- **Mechanism** – the motion mechanical frame unit within the piece of furniture.
- **Heating pad** – mounted inside lower section of back, produces heat via hand wand control. Turns off automatically after 30 minutes of use as safety feature.

## Quick Trouble-Shoot for Motors Malfunctioning:

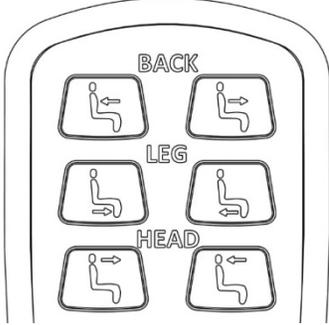
Below are some possible reasons to cause motors to stop working:

1. Loose connection or wires not securely plugged in.
2. Broken hand wand
3. Broken power transformer (especially when ALL motors stops working on one unit)
4. Power cords damaged
5. Motors failure

**NOTE:** In some cases a button on the switch might be stuck after being pushed, thus continuously activating the motor. This can cause overheating or even damages on the power transformer.

# Hand Wand Manual

## HC HR3B 01 Standard Functions

BACK/LEG/HEAD	Description
	
<p>Standard Function</p>	<p>The BACK/LEG/HEAD buttons control the motion features of the piece of furniture.</p> <p>The BACK buttons will open and close the back position of the piece of furniture, indicated by the button icon.</p> <p>The LEG buttons will open and close the leg rest position of the piece of furniture, indicated by the button icon.</p> <p>The HEAD buttons will open and close the headrest position of the piece of furniture, indicated by the button icon.</p> <p>The open buttons are grouped on the left side of the Hand Control. The close buttons are grouped on the right side of the Hand Control.</p> <p>When a button is pressed, the button will become more brightly lit. The lighting will return to the dim level when the button is released.</p>
<p>NOTE:</p>	<p>The LEG motor and LIFT motor are one and the same. Pressing the LEG close button for an extended time will cause the LIFT motor to open, causing the piece of furniture to rise. Please be cautious when operating the LEG function of the furniture.</p> <p>The BACK/LEG/HEAD buttons can be operated simultaneously. This can cause an excessive amount of energy to be drawn from the power supply. Please do not operate more than one motion feature at a time to improve longevity of the system.</p> <p>The BACK/LEG/HEAD open and close buttons can only be pressed one at a time. For example, if BACK open and close are both pressed simultaneously, the piece of furniture will not move. This case is true for all BACK/LEG/HEAD functions.</p>

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<p>Error: HEAD motor does not function</p>	<p>If the HEAD motor does not move when the HEAD button is pressed, the motor connection could have become disconnected.</p> <p>Please follow these steps to attempt to correct the error:</p> <ol style="list-style-type: none"> <li>1) Unplug the piece of furniture from the wall outlet</li> <li>2) Wait at least 30 seconds</li> <li>3) Lift the back panel to reveal zipper pouch.</li> <li>4) Unzip pouch to reveal the Junction.</li> <li>5) Locate the Headrest motor cord (shown below).</li> <li>6) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li> <li>7) Ensure that the HEAD Motor Cord (Motor Connection) is fully seated and attached to the motor.</li> <li>8) Ensure that there is nothing blocking the path of the motor or frame.</li> <li>9) Locate the motor cord wiring assembly (shown below).</li> <li>10) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li> <li>11) Ensure that the HEAD Motor Cord (Junction Connection) is fully seated and attached to the Junction.</li> <li>12) Zip the pouch and reset the back panel.</li> <li>13) If the motor still does not function, contact your furniture provider so they may replace or repair the faulty part.</li> </ol>
 <p>HEAD Motor Cord (Motor Connection)</p>	
 <p>HEAD Motor Cord (Junction Connection)</p>	
<p>Error: BACK or LEG/LIFT motor does not function</p>	<p>If the BACK or LEG/LIFT motor(s) do(es) not function, the motor connection(s) could have become disconnected.</p> <p>Please follow these steps to attempt to correct the error:</p> <ol style="list-style-type: none"> <li>1) Unplug the piece of furniture from the wall outlet</li> <li>2) Wait at least 30 seconds</li> <li>3) Lift the back panel to reveal zipper pouch.</li> <li>4) Unzip pouch to reveal the Junction.</li> <li>5) Locate the Headrest motor cord (shown below).</li> <li>6) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li> </ol>

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- 7) Ensure that the BACK or LEG/LIFT Motor Cord (Motor Connection) is fully seated and attached to the motor.
- 8) Ensure that there is nothing blocking the path of the motor or frame.
- 9) Locate the motor cord wiring assembly (shown below).
- 10) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.
- 11) Ensure that the HEAD Motor Cord (Junction Connection) is fully seated and attached to the Junction.
- 12) Zip the pouch and reset the back panel.
- 13) If the motor still does not function, contact your furniture provider so they may replace or repair the faulty part.

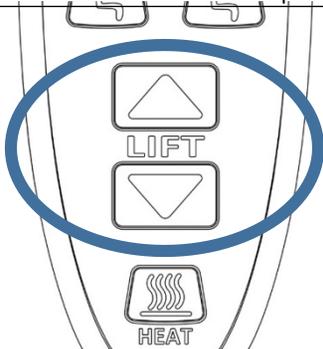


BACK or LIFT/LEG Motor Cord (Motor Connection)



BACK or LIFT/LEG Motor Cord (Junction Connection)

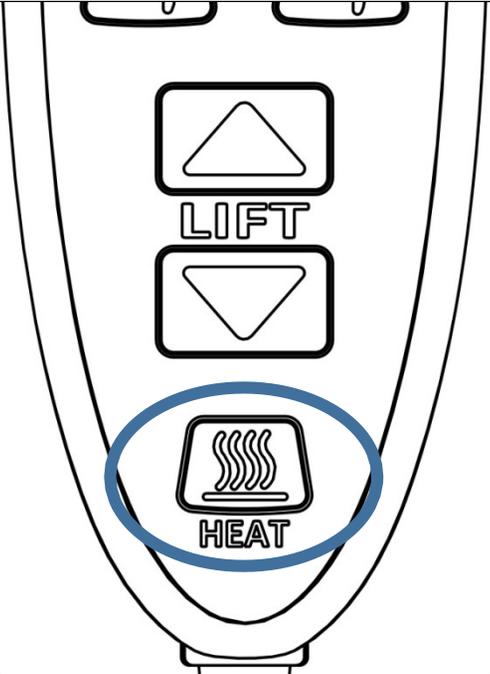
# Hand Wand Manual

LIFT	Description
	
<p>Standard Function</p>	<p>The LIFT function controls the lift function of the piece of furniture.</p> <p>When the LIFT open button (arrow pointing up) is pressed, the piece of furniture will begin to close the BACK and LEG sections. When these are fully closed, the piece of furniture will rise, allowing for easier accessibility out of the piece of furniture.</p> <p>When the LIFT close button (arrow pointing down) is pressed the piece of furniture will begin to lower. If the piece of furniture is fully lowered and the LIFT button is continued to be pressed, the LEG section will begin to open.</p> <p>When a LIFT button is pressed, that button will become more brightly lit. The lighting will return to the dim level when the button is released.</p>
<p>NOTE:</p>	<p>The LIFT function shares a motor with the LEG function. Pressing LIFT close when the piece of furniture is fully lowered will cause the LEG section to begin opening. Please take caution when pressing the LIFT or LEG buttons when either section is fully opened or closed.</p> <p>When the LIFT function is in use, the HEAD and BACK buttons will have special functions. The HEAD and BACK buttons will cause the BACK motor to move or stop moving if pressed while the LIFT function is active, described below:</p> <ul style="list-style-type: none"> <li>• If LIFT OPEN is active and the BACK OPEN button is pressed, then the BACK motor will stop moving.</li> <li>• If LIFT OPEN is active and the HEAD OPEN button is pressed, then the BACK motor will stop moving.</li> <li>• If the LIFT OPEN is active and the BACK CLOSE button is pressed, then there will be no functional change.</li> <li>• If the LIFT OPEN is active and the HEAD CLOSE button is pressed, then there will be no functional change.</li> <li>• If the LIFT CLOSE is active and the BACK OPEN button is pressed, then the BACK section will begin to OPEN. Pressing the BACK CLOSE or HEAD CLOSE button at this time will stop the BACK motor.</li> </ul>

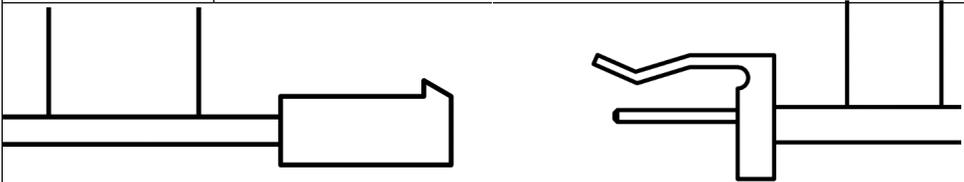
# Hand Wand Manual

	<ul style="list-style-type: none"> <li>• If the LIFT CLOSE is active and the HEAD OPEN button is pressed, then the BACK section will begin to OPEN. Pressing the HEAD CLOSE or BACK CLOSE button will stop the BACK motor.</li> <li>• If the LIFT CLOSE is active and the BACK CLOSE button is pressed, then the BACK section will begin to CLOSE. Pressing the HEAD OPEN or BACK OPEN button will stop the BACK motor.</li> <li>• If the LIFT CLOSE is active and the HEAD CLOSE button is pressed, then the BACK section will begin to CLOSE. Pressing the HEAD OPEN or BACK OPEN button will stop the BACK motor.</li> </ul>
<p>Error: BACK or LEG/LIFT motor does not function</p>	<p>If the BACK or LEG/LIFT motor(s) do(es) not function, the motor connection(s) could have become disconnected.</p> <p>Please follow these steps to attempt to correct the error:</p> <ol style="list-style-type: none"> <li>1) Unplug the piece of furniture from the wall outlet</li> <li>2) Wait at least 30 seconds</li> <li>3) Lift the back panel to reveal zipper pouch.</li> <li>4) Unzip pouch to reveal the Junction.</li> <li>5) Locate the BACK or LEG/LIFT Motor Cord (shown below).</li> <li>6) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li> <li>7) Ensure that the BACK or LEG/LIFT Motor Cord (Motor Connection) is fully seated and attached to the motor.</li> <li>8) Ensure that there is nothing blocking the path of the motor or frame.</li> <li>9) Locate the BACK or LIFT/LEG Motor Cord (Junction Connection) (shown below).</li> <li>10) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li> <li>11) Ensure that the HEAD Motor Cord (Junction Connection) is fully seated and attached to the Junction.</li> <li>12) Zip the pouch and reset the back panel.</li> <li>13) If the motor still does not function, contact your furniture provider so they may replace or repair the faulty part.</li> </ol>
 <p style="text-align: center;">BACK or LIFT/LEG Motor Cord (Motor Connection)</p>	
 <p style="text-align: center;">BACK or LIFT/LEG Motor Cord (Junction Connection)</p>	

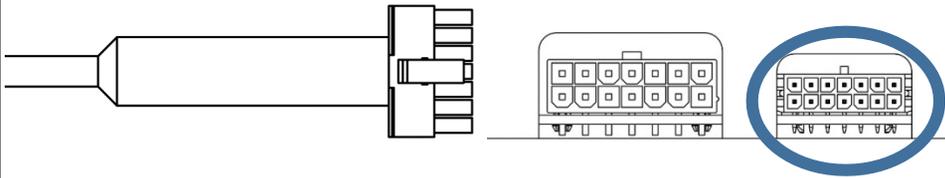
# Hand Wand Manual

HEAT	Description
	 A diagram of the hand wand control panel. It features four buttons arranged vertically: an upward-pointing triangle, the word "LIFT", a downward-pointing triangle, and a square button with wavy lines and the word "HEAT". The "HEAT" button is circled in blue.
Standard Function	<p>The heat function is activated by pressing the HEAT button.</p> <p>There are two heat modes, HOT and WARM.</p> <p>When active in the HOT mode, the heat pad will provide up to 48 °C of heat. The HEAT button will be lit bright red when in the HOT mode.</p> <p>When active in the WARM mode, the heat pad will provide up to 38 °C of heat. The HEAT button will be lit a dim red when in the WARM mode.</p> <p>When heat is not active the HEAT button will be lit blue.</p> <p>The heat function will be active while the HEAT button is illuminated. To de-activate heat, press the HEAT button until it is lit blue.</p> <p>The heat function has a 30-minute timer. After 30 minutes, the heat pad will turn off automatically, and the HEAT button will be illuminated blue.</p>
NOTE:	Heat function will be disabled if any BACK/LEG/HEAD/LIFT button is pressed. This is to ensure safety for the user and to improve system longevity.

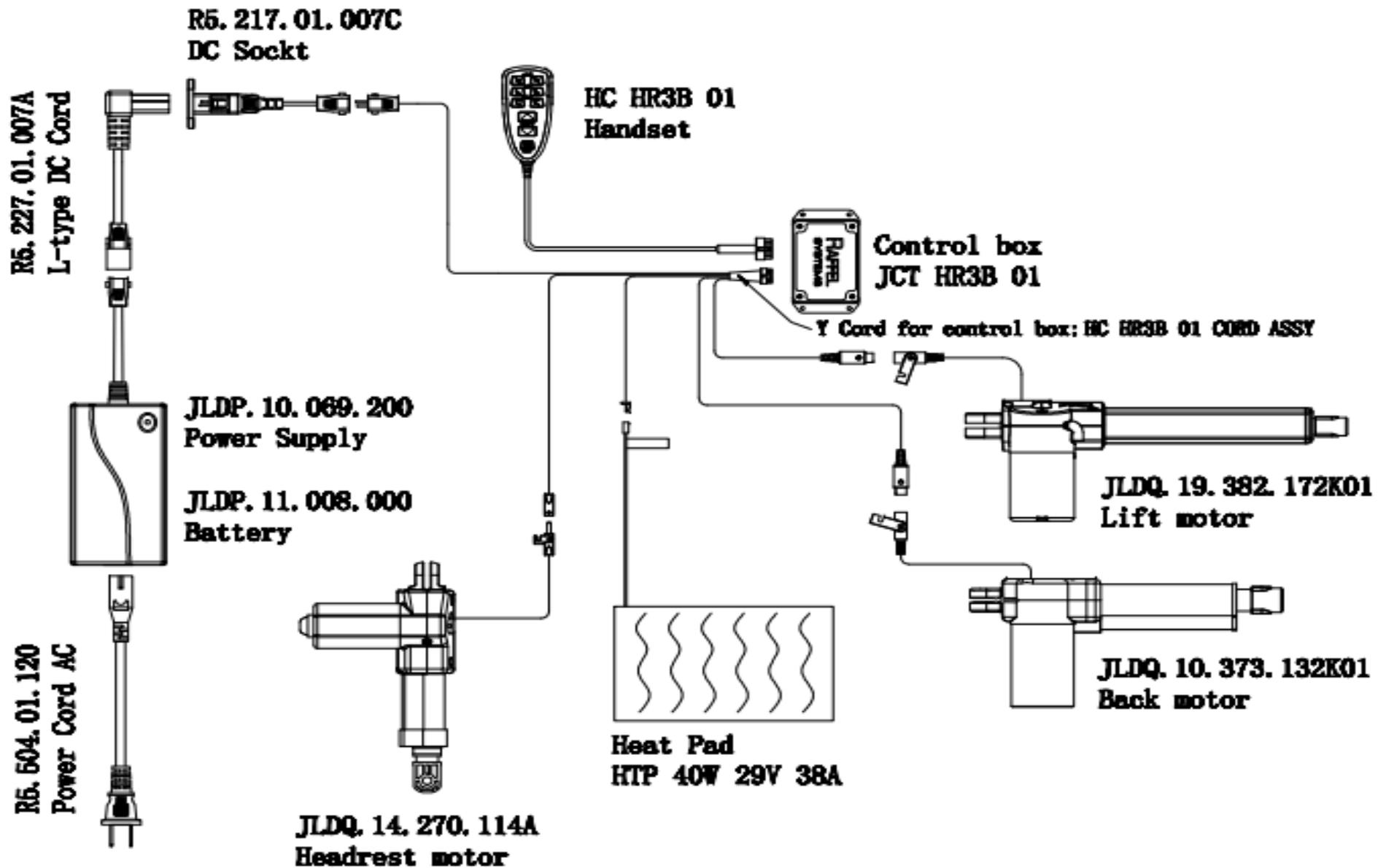
# Hand Wand Manual

<p>Error: Heat Button lit but no heat is produced.</p>	<p>If the HEAT button is illuminated, but the heat pad is not producing heat, the heat pad could have become disconnected.</p> <ol style="list-style-type: none"><li>1) Unplug the piece of furniture from the wall outlet</li><li>2) Wait at least 30 seconds</li><li>3) Lift the back panel to reveal zipper pouch.</li><li>4) Unzip pouch to reveal the Junction.</li><li>5) Locate the Heat Cord (shown below)</li><li>6) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li><li>7) Ensure that the heat pad is securely connected.</li><li>8) Zip the pouch and reset the back panel.</li><li>9) If the heat pad still does not produce heat, please contact your furniture provide so that they may repair or replace the faulty part.</li></ol>
 <p style="text-align: center;">Heat Cord</p>	

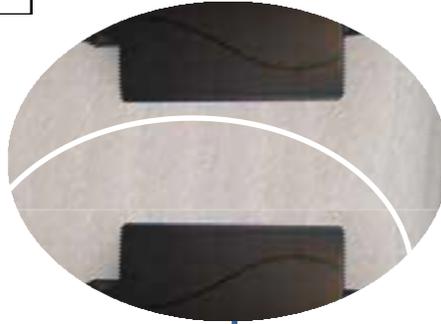
# Hand Wand Manual

Hand Control Operation	Description
Standard Function	<p>The Hand Control give the user the ability to access the motion functions of the piece of furniture.</p> <p>The Hand Control has nine buttons. Two control the BACK section. Two control the LEG section. Two control the HEAD section. Two control the LIFT function. One controls the HEAT function.</p> <p>When the system is idle, all Hand Control buttons will be illuminated blue. When a motion button (BACK/LEG/HEAD/LIFT) is pressed, that button will be more brightly lit. The button will return to normal brightness when it is released.</p> <p>When the HEAT function is active the HEAT button will be lit red. In the HOT heat mode, the HEAT button will be brightly lit red. In the WARM heat mode, the HEAT button will be dimly lit red.</p>
Error: Hand Control is not lit when idle.	<p>If the Hand Control does not correctly control the motion features of the piece of furniture or is not lit while idle, the system could have become disconnected from the wall power supply or the Hand Control could have become disconnected.</p> <ol style="list-style-type: none"> <li>1) Ensure that the system power supply is connected to a wall outlet.</li> <li>2) Unplug the piece of furniture from the wall outlet</li> <li>3) Wait at least 30 seconds</li> <li>4) Lift the back panel to reveal zipper pouch.</li> <li>5) Unzip pouch to reveal the Junction.</li> <li>6) Locate the Hand Control Cord (shown below).</li> <li>7) Ensure that there are no frayed, exposed, or otherwise damaged wires. Do not connect the motor if the cord is damaged in any way.</li> <li>8) Ensure that the Hand Control Cord is securely connected and seated against the Junction.</li> <li>9) Zip the pouch and reset the back panel.</li> <li>10) If the Hand Control still does not light or control the motion features correctly, please contact your furniture provide so that they may repair or replace the faulty part.</li> </ol>
 <p style="text-align: center;">Hand Control Cord</p>	

# Power Lift chair PARTS



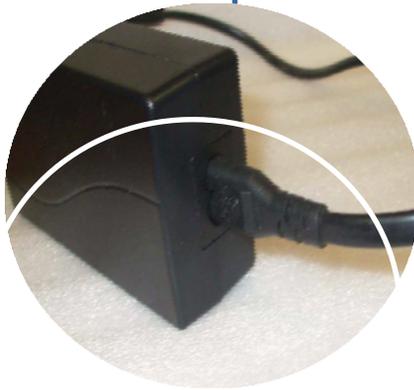
# Power Recliner Trouble Shooting



Check if the green light on power transformer is on

No

Yes



1. Check power cords integrity and connection to transformer.
2. If power cords undamaged, and connection secured, replace power transformer.



Check connection security and components integrity on DC socket and power cable.



Check connection security and integrity on extended cord and Y cord with control box



Check connection security and integrity on Y cord to the control box



Check connection security and integrity of motor's 5-pin cable

For dual-power recliners, please check connection and integrity of Y-Cable splitter.