



OPERATING INSTRUCTIONS AND SERVICE MANUAL



power/heat/massage RECLINERS

MEDICAL RECLINER OPTIONS

1-800-998-5018

CHAMPIONCHAIR.COM

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In-Service Information

It is very important to Champion that our customers review all the materials in the in-service package they receive.

By reviewing the in-service materials provided, you increase the useful life of the products by helping to prevent their improper use, which may lead to premature damage and wear. You are also helping to validate your warranty, as warranties cover material and workmanship failures, not misuse or abuse. Use these in-service tools for new employees and as a “refresher” for current employees.

The following resources are available for you to assist your staff and patients in operating the chairs properly.

Website: www.championchair.com

Operators Manuals on CD

YouTube: www.youtube.com/user/ChampionChair1992

Field Sales Reps

In House Sales Reps

Network of Service Technicians

In House Service Team

You should receive an Operator’s Manual on CD with each shipment of chairs you receive from Champion. If you would like information on any of these additional resources, please contact Champion’s customer service department at 800-998-5018.

NOTE: Not all chair functions, options and/or accessories are covered in the CD.

NOTE: The information contained in this document is subject to change without notice.


WELCOME!


Champion Manufacturing Inc would like to thank you for selecting our products. We take great care in making certain that our products leave the factory in flawless condition. Our products are properly packaged to arrive in that same condition. We look forward to your enjoying many years of good service from these products.


SPECIAL NOTES

WARNING/CAUTION These terms refer to actions that may result in injury to your occupant or staff member and/ or damage to your product. Damage caused by improper operation of your chair is not covered by your warranty.

 **WARNING:** DO NOT operate this product without reviewing the in-service manual that demonstrates proper operation. This information accompanied your shipment

 **WARNING:** The power chair must be plugged into a properly grounded outlet and must not be modified in any way. If the 3-blade plug does not fit your outlet, have a new outlet installed that meets your local codes by an electrician. DO NOT use a 3-prong to 2-prong plug adapter. Consult an electrician if you are unsure that the outlets are properly grounded.

 **WARNING:** Keep hands, all other body parts and equipment away from moving parts that can cause pinch points! Do not reach to the inside of the chair unless the chair is unplugged from the outlet and the optional battery is disconnected to avoid injury if the chair position is changed. Caregiver assisting an occupant should always locate and safely place the occupant's extremities away from possible pinch points.

 **CAUTION:** Operating the recliner mechanism when the chair back is restricted and cannot move up and down freely may damage your mechanism. Be certain that the chair back as well as the push handle DO NOT make contact with the walls, counters or other furniture or equipment.

NOTE: The information contained in this document is subject to change without notice.

CHAIR CAPACITY INFORMATION

STANDARD RECLINERS:

54P series	300 lbs.
59P series	300 lbs.
65P series	300 lbs.
67P series	300 lbs.
85P series	300 lbs.
87P series	300 lbs.
89P series	300 lbs.

XL RECLINERS:

56P series	500 lbs.
58P series	500 lbs.
66P series	500 lbs.
68P series	500 lbs.
86P series	500 lbs.
88P series	500 lbs.


POWER REQUIREMENTS

Electrical Requirements:	AC Power Supply: 120 VAC, 60 Hertz	
Rated Current Input:	Max. 3.7 Amps	
Power Output:	12VDC (Heat/Massage) 24VDC (Power recline)	
Ambient Temperature:	+41° to +104°F (+5° to +40°C)	
Duty Cycle (Power recline)	10%, Max. 2 min./18min.	
IEC Protection Class:	Class II (Heat/Massage)	Class I (Power Recline)
Battery Duration (approx. times):	Backup battery system to remain plugged in. Approx. 15 recline cycles of the chair from battery.	
Battery Recharge Time:	4 Hours, Storage 10 Hours every 6 months Running battery to low power will cause damage.	


Battery Specifications:

If the battery needs to be replaced part number BA1802-0200-000 must be used. Champion's Customer Service must be contacted at 800-998-5018 to obtain a replacement part. Follow local governing ordinances and recycling plans regarding disposal of battery. DO NOT dispose of the battery packs in household waste.

Battery Type:	Lead Acid
Rated Capacity:	1.2Ah, 24V
Charging Current:	Max 0.3A

 **WARNING: Do NOT open the case of the battery. Doing so may be hazardous. Do NOT use any other battery than listed above.**

Double-Insulated Products (Heat/Massage power supply)

In a double-insulated product, two systems of insulation are provided instead of grounding. No means of grounding is provided on a double-insulated product, nor is a means for grounding to be added to the product. Servicing a double-insulated product requires extreme care and knowledge of the system, and is to be done only by qualified service personnel. Replacement parts for double-insulated product must be identical to the parts they replace. A double-insulated product is marked with the words "DOUBLE INSULATION" or "DOUBLE INSULATED". The symbol () is also able to be used to identify a double insulated product.

RECEIVING NEW CHAIRS



CAUTION: New chair inspection must be done by someone who understands the instruction pages. Improper operation of the chair may damage the chair and void your warranty.



CAUTION: Before plugging chair into wall outlet, it should be checked for condensation on the electrical components and dried if necessary. The chair should reach room temperature prior to plugging it in.

New chair inspection

1. Remove all packing material including foam wrap and poly bag. If desired, the bag may be replaced after examination.
2. Examine chair surfaces for damage.
3. Uncoil the power cord from the back of your chair and plug it into the proper wall outlet. Operate all chair functions and options. This includes tables, casters, and optional battery as well as chair positions. Do this immediately upon receipt of your chairs.

To report damage

1. If the freight carrier is still at your location (it is your right to hold the freight carrier while you thoroughly inspect your delivery), note any damage on the bill of lading. Be sure to keep shipping cartons, pallets and other shipping materials to prove damage to the freight carrier. It is also important to save an undamaged carton and pallet in case the chair must be returned to the factory.
2. Call Champion's customer service immediately to report the damage: 800-998-5018.
3. All claims must be filed by the consignee and reported to Champion Manufacturing Inc within 5 days of receipt of the shipment.

Return authorization

1. Champion customer service must authorize all returns. Champion customer service will issue a return authorization number by fax or email. The customer does have the right to refuse any damaged chair from the carrier at the time of delivery.
2. All returns **must** be sent prepaid by the sender with the exception of provable shipping damage.



CAUTION: To maintain optimal performance of the battery pack it must be plugged in at all times unless the occupant is in transport. If the chair will be stored for an extended period of time, the battery must be charged a minimum of ten (10) hours per six (6) months.

Storage

1. Cover chair and store in a dry area.
2. DO NOT place objects on top of the chair that may damage the vinyl.

DISPOSAL OF EQUIPMENT AND ACCESSORIES

Follow local governing ordinances and recycling plans regarding disposal of device components. DO NOT dispose of the battery packs in household waste.

Recycle



DO NOT dispose of
in household waste



TECHNICAL DESCRIPTION

The Champion Power Recliners with Heat and Massage are to be used by occupants and caregivers to assist in occupant positioning during treatment. Champion Power Recliners also increase the range of positioning over manual recliners. The Heat and Massage systems are occupant comfort features.

The Champion Power Recliner system uses a linear actuator to drive the recline mechanism inside the chair. The Champion Power Recliner can be positioned from full upright to full recline with the use of the handset. The Trendelenburg function (optional) is not controlled by the power function.

The Champion Heat and Massage system uses 2 heat pads (back and seat) and a set of massage motors (upper and lower back). The handset allows for low to high temperature adjustments as well as massage intensity and pattern.

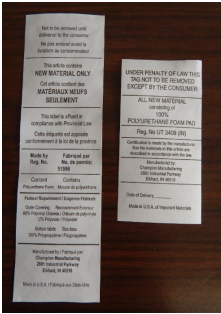
The Champion Power Recliners with Heat and Massage are capable of operation by the occupant or caregivers. Device standard power options include an AC to DC switching power supply operating from AC power outlet (120VAC/60 Hertz nominal) and a supplemental rechargeable battery (optional).

PRODUCT LABELS

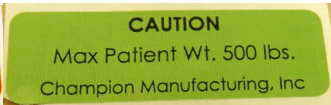
Serial Number:



Foam:



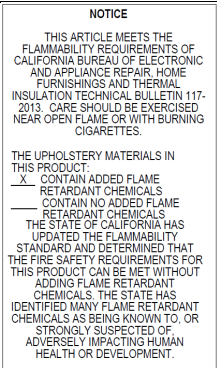
Load Capacity (300/500 lb.)



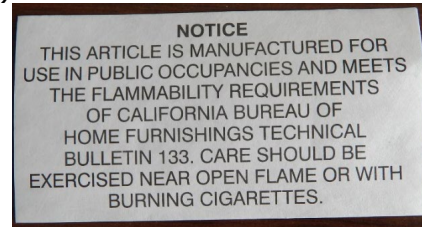
Swing Arm Latch:
(65, 66, 67, 68, 85, 86, 87, 88, & 89 series only)



CATB117 Rating: (Only where required)



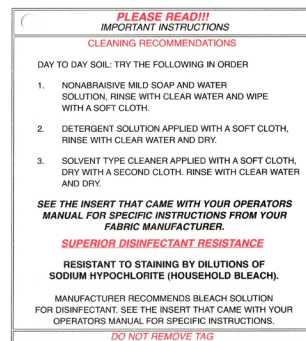
CATB133 Rating: (Only where required)



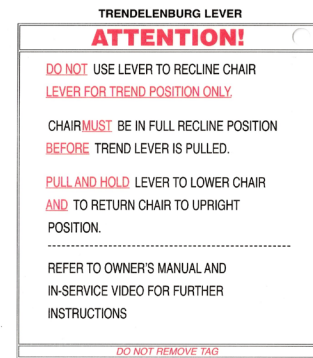
LA-PJM Name plate label
(Only where required)

ITEM NO: P-H/M
INPUT: 120VAC, 60Hz, 3.7A

Cleaning / Trend:



Cleaning

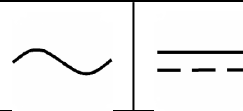


Trend

Protective Earth Ground:



Alternating Current / Direct Current:



Do not Oil or Grease



Keep Dry



Attention:
Consider Accompanying Documents



Double Insulation



NOTE: Labels are not shown to actual size.


IN-SERVICE PROCEDURES


Before chairs are put into service, all personnel should read the operating instructions section of the manual.

Pay special attention to the hang tag attached to the handle, or chair back. This identifies actions that may damage your product. It is extremely important that chairs are operated properly and used in the manner in which they were designed.

Certain improper methods of operating the chair can damage the chair and void the warranty. In the event that you do not receive your in-service CD, call customer service to obtain a CD: 800-998-5018.


An on-site in-service by a Champion representative may be available depending upon the delivery circumstances.

 **WARNING: DO NOT attempt to close the leg rest manually. The full motion of the chair is controlled by the handset. Forcing the chair into a different position will damage the chair.**

 **WARNING: Caregivers or others operating the product or moving the occupant must be aware of the location of the occupant's hands and feet. Caregivers must confirm that the occupant's extremities are safely located before moving the chair from position to position, adjusting the position of the chair or moving the occupant from the chair.**

 **WARNING: Never place your hands near or on a recliner mechanism when it is in motion. Never clean or maintain a chair when an occupant is in the chair. The occupant is able to control the chair's position and may move the chair position unexpectedly, creating pinch points.**

 **WARNING: Keep hands, feet and legs clear of the recline mechanism.**


 **CAUTION: DO NOT overload chair. Observe the specified maximum weight capacity for the chair model that you have selected.**

OPERATING INSTRUCTIONS

General Set up:

1. Uncoil the power cable from the back side of the power recliner and plug it into a properly grounded outlet. Please see the power requirements in the chair specifications section of this manual.
2. To fully charge the battery for the first time, the chair must be plugged in for 10 hours. The battery is charging whenever the chair is plugged in.
3. **Always** set the caster brakes before allowing your occupant to get in or out of the chair. Release the caster brakes **only** when the chair is being relocated; and reset the caster brakes upon arriving at your destination. Never assume that the caster brakes have been set; check to ensure that the caster brakes are engaged before helping anyone in or out of the recliner.
4. Place the chair in the upright position before allowing the occupant in or out of the chair. **Do NOT** enter or exit the chair with the leg rest extended. For shorter occupants the foot tray may be used as an assist to allow easier entry to the chair. Occupants over 225 pounds should not use the foot tray as a step. Please note and follow the capacity limits of the recliner being used.
5. Caster brakes should be locked before using the removable arm top or swing-away arm option.
6. The removable arm top should be replaced and securely latched as soon as an occupant transfer has been made.
7. A swing-away arm should be closed and the arm securely latched as soon as the transfer or maintenance operation is complete. An occupant should never be transported with the arm top removed or the swing-away arm opened. Chairs with removable or swing away arms should never be left unattended when an arm is not secured. Check that the arm is latched by pulling outward on the arm.
8. When transporting an occupant, pull the foot tray out to the extended position, and be sure that the chair is locked in the upright position. Any recliner not equipped with a foot tray is not considered an appropriate transport chair. Never move recliner while occupant is in seat with their feet dangling.

OPERATING INSTRUCTIONS

 **WARNING:** Please keep hands, all other body parts and equipment away from moving parts that can cause pinch points. Do not reach to the inside of the chair unless the chair is unplugged from the outlet and the battery, if present, is disconnected to avoid injury if the chair position is changed.

 **WARNING:** DO NOT enter or exit the chair with the leg rest extended.

 **WARNING:** To reduce the risk of electric shock, always unplug this product from the wall outlet before cleaning, disinfecting, or replacing any parts.


 **WARNING:** Never operate the chair if it has a damaged cord or plug, if it is not working properly, if it has been damaged, or is not dry. Do not use outdoors.

 **WARNING:** Keep chair and electronics dry – do not operate in a wet or moist condition or environment. Do not power wash chair or electronics or swab down electronics with a wet mop.

 **CAUTION:** The battery is a backup system to be used for power outages and occupant transport (if applicable).

 **CAUTION:** Allowing the battery to drop below 30% charge will permanently damage the battery causing it to no longer hold a full charge. This will void your warranty on the battery.

 **CAUTION:** Caregiver should NEVER attempt to raise the front wheels off the floor by pushing on the handle with an occupant in the chair. This could damage the chair mechanism.


 **CAUTION:** As you Unplug chair from the wall outlet examine your cord and plug for wear or damage including, but not limited to wear, cuts breaks, or bent prongs.

 **CAUTION:** Do not pull the chair by the power cord.

 **CAUTION:** Do not roll chair or other equipment over the power cord or the cord to the handset.

 **CAUTION:** Do not modify the plug or use an extension cord or adapter to plug into the wall outlet.

OPERATING INSTRUCTIONS

 **WARNING:** No items should be placed behind the occupant's back or beneath them. Placing items (pillow, blanket, etc.) in the chair will expose the item to the heat generated by the system. Unlike the occupant's body, certain items may not absorb and dissipate the generated heat; this may expose the item to temperatures that are higher than noted here through trapped heat. This may cause damage to the chair, the item, and risk of contact with higher temperatures. Damage to the item or your chair is not covered by your warranty.

 **WARNING:** Please keep hands and equipment away from moving parts that can cause pinch points.


 **WARNING:** Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.

 **WARNING:** Never insert pins or other metallic fasteners into the upholstery of this chair.

 **WARNING:** Always check the power and handset cords are intact prior to switching the unit on.


 **WARNING:** NEVER service this chair without unplugging the cord from the wall. Do not put your hands where you cannot see.

 **WARNING:** Do not crush or pinch heating elements or wiring.

 **WARNING:** The heat or heat/massage chair must be plugged into a properly grounded outlet and must not be modified in any way. If the three (3) blade plug does not fit your outlet, have one installed that meets your local codes by an electrician. Consult an electrician if you are unsure that the outlets are properly grounded. Do not use a three (3) blade plug to a two (2) blade adapter.

Heat/Massage Recliners

 **CAUTION:** Please make sure all staff involved in the use of the chair has viewed the in-service instruction pages prior to operating the chair. Incorrect use can damage the chair and void your warranty.

 **CAUTION:** Prevent damage to the power and handset cords. Do not allow power cord or handset cord to end up under the wheels or other heavy objects. Do not leave power cord close to a source of heat. When removing the power cord from the wall outlet, grasp the plug not the cord.

 **CAUTION:** Do NOT pull this product by the power cord or the handset.

 **CAUTION:** Use this product only for the intended use as described in this manual. Do not use attachments not recommended by the manufacturer.

 **CAUTION:** Clean switch with a moist cloth only, do not allow liquids to pool around the switch.

 **CAUTION:** Do not use with an extension cord.

 **CAUTION:** Take care so cord cannot be pulled or tripped over.

 **CAUTION:** KEEP DRY – Do not operate in a wet condition or environment.

 **CAUTION:** Do not use heat with invalid or unconscious person or occupants who cannot feel if the seat is being too warm.

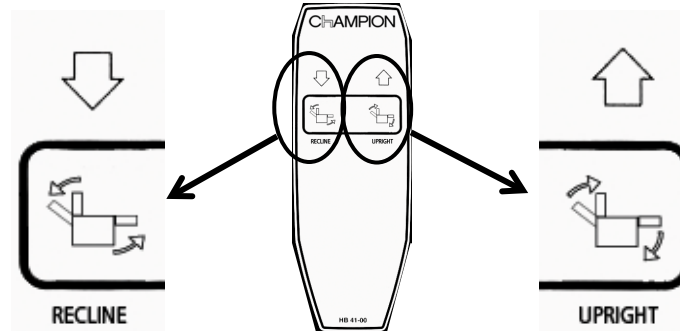
 **CAUTION:** Keep cord away from heated surfaces.

 **CAUTION:** Do not use outdoors.

 **CAUTION:** Supervision should be provided when this product is used by children, invalids, or disabled persons.

 **CAUTION:** Do not place cord under carpet or in a location where it could become worn.

HANDSET



The positioning of the Champion power recliner is controlled by the handset shown above. The handset allows total occupant control of the chair's reclining function with the touch of a button. The power recliner can be positioned from full upright to full recline and any position in between to maximize comfort.

⚠ WARNING: NEVER place your hands, other body parts or equipment near or on a recliner mechanism when it is in motion. DO NOT put your hands where you cannot see.

⚠ WARNING: No items should be placed behind the occupant's back or beneath them. Placing items (pillow, blanket, etc.) in the chair will expose the item to the heat generated by the system. Unlike the occupant's body, certain item may not absorb and dissipate the generated heat; this may expose the item to temperatures that are higher than noted here through trapped heat. This may cause damage to the chair, the item, and risk of contact with higher temperatures. Damage to the item or your chair is not covered by your warranty.

Reclining the Chair:

Pressing and holding the left "recline" button will take the chair from upright to full recline. The chair can be stopped in any position along its motion. Occupant movement will not cause the chair to move as with the standard recliners. Once the chair reaches full recline the movement will stop. Use the "upright" button to return to the full upright position.


Recline to Upright:

Pressing and holding the right "upright" button will take the chair from full recline to upright. The chair can be stopped in any position along its motion. Occupant movement will not cause the chair to move as with the standard recliners. Once the chair reaches full upright the movement will stop. Use the "recline" button if you wish to recline again.

Heat/Massage Recliners

HEAT/MASSAGE OPERATION

The Champion heated recliner continues to have the same occupant-controlled positioning with the added benefit of heated pads in the seat and back. The heat/massage recliner has massage motors built into the back cushion along with the heat system. This allows for additional occupant comfort at the push of a button.

 **WARNING:** No items should be placed behind the occupant's back or beneath them. Placing items (pillow, blanket, etc.) in the chair will expose the item to the heat generated by the system. Unlike the occupant's body, certain items may not absorb and dissipate the generated heat; this may expose the item to temperatures that are higher than noted here through trapped heat. This may cause damage to the chair, the item, and risk of contact with higher temperatures. Damage to the item or your chair is not covered by your warranty.

 **WARNING:** Please keep hands and equipment away from moving parts that can cause pinch points.


 **WARNING:** Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.

 **WARNING:** Never insert pins or other metallic fasteners into the upholstery of this chair.

 **WARNING:** Always check the power and handset cords are intact prior to switching the unit on.


 **WARNING:** NEVER service this chair without unplugging the cord from the wall. Do not put your hands where you cannot see.

 **WARNING:** Do not crush or pinch heating elements or wiring.

 **WARNING:** The heat or heat/massage chair must be plugged into a properly grounded outlet and must not be modified in any way. If the three (3) blade plug does not fit your outlet, have one installed that meets your local codes by an electrician. Consult an electrician if you are unsure that the outlets are properly grounded. Do not use a three (3) blade plug to a two (2) blade adapter.

Heat/Massage Recliners

 **CAUTION:** Please make sure all staff involved in the use of the chair has viewed the in-service instruction pages prior to operating the chair. Incorrect use can damage the chair and void your warranty.

 **CAUTION:** Prevent damage to the power and handset cords. Do not allow power cord or handset cord to end up under the wheels or other heavy objects. Do not leave power cord close to a source of heat. When removing the power cord from the wall outlet, grasp the plug not the cord.

 **CAUTION:** Do NOT pull this product by the power cord or the handset.

 **CAUTION:** Use this product only for the intended use as described in this manual. Do not use attachments not recommended by the manufacturer.

 **CAUTION:** Clean switch with a moist cloth only, do not allow liquids to pool around the switch.

 **CAUTION:** Do not use with an extension cord.

 **CAUTION:** Take care so cord cannot be pulled or tripped over.

 **CAUTION:** KEEP DRY – Do not operate in a wet condition or environment.

 **CAUTION:** Do not use heat with invalid or unconscious person or occupants who cannot feel if the seat is being too warm.

 **CAUTION:** Keep cord away from heated surfaces.

 **CAUTION:** Do not use outdoors.

 **CAUTION:** Supervision should be provided when this product is used by children, invalids, or disabled persons.

 **CAUTION:** Do not place cord under carpet or in a location where it could become worn.

Heat/Massage Recliners

POSITIONING THE CHAIR

Please reference previous operation instruction information for all operating instructions for positioning of the chair. This includes the use of the Trendelenburg option if your chair is so equipped.

OPERATING THE HEATER

Uncoil the power cord on the back of the chair and plug it into any properly grounded standard wall outlet. You will find the heater power button on the table of the chair. This will typically be the right table (while seated in the chair) unless other options require it to be on the left side.

Pressing the button the first time will start the heater at low power and all one light will come on. At this setting it will take approximately 16.5 minutes to come to full heat **with an occupant in the chair**. Pressing the button a second time will take the heater to medium power (two lights on) and a third will take it to high (three lights on). To turn the heater off, press the button a fourth time and all of the lights will be out.

NOTE: The heat system is set to turn off 30 minutes after the last button press. Repeat the above process to continue use of the heat feature.

NOTE: If the lights on the switch are flashing, **FIRST unplug the chair from the outlet and check all of the connectors of the heat system**. If a connector is unhooked reconnect it, plug in the power cord, and check the switch again. If all connections appear ok and the lights still flash, unplug your chair and contact Champion's customer service. This does not affect the basic functions of the chair.

Heat/Massage Recliners

MESSAGE OPERATION

Uncoil the power cord on the back of the chair and plug it into any standard wall outlet. You will find the message buttons on the table of the chair. This will typically be the right table (while seated in the chair) unless other options require it to be on the left side.

NOTE: The heat and massage options can be used independently of each other. Refer to previous section for instructions on how to operate the heater in the heat/massage recliner.



MESSAGE FUNCTION: The message switch function is controlled by repetitively pressing the message button. The first button push will turn on the message light, and it will remain on through the button press cycle until the message system is off.

BUTTON PRESS SEQUENCE

1. Lower Zone, Low Intensity
2. Lower Zone, High Intensity
3. Full Back, Low Intensity
4. Full Back, High Intensity
5. System Off

NOTE: The message system is set to turn off fifteen (15) minutes after the last button push. If the occupant wishes to continue using the massage simply repeat the above steps.

NOTE: If the lights on the switch are flashing, **FIRST unplug the chair from the outlet and check all of the connectors of the heat system.** If a connector is unhooked reconnect it, plug in the power cord, and check the switch again. If all connections appear ok and the lights still flash, unplug your chair and contact Champion's customer service. This does not affect the basic functions of the chair.

Heat/Massage Recliners

MAINTENANCE

⚠ WARNING: Before performing any cleaning or maintenance to the heat or heat/massage chair make sure that it is unplugged from the outlet. This will prevent a shock hazard while working inside the chair.

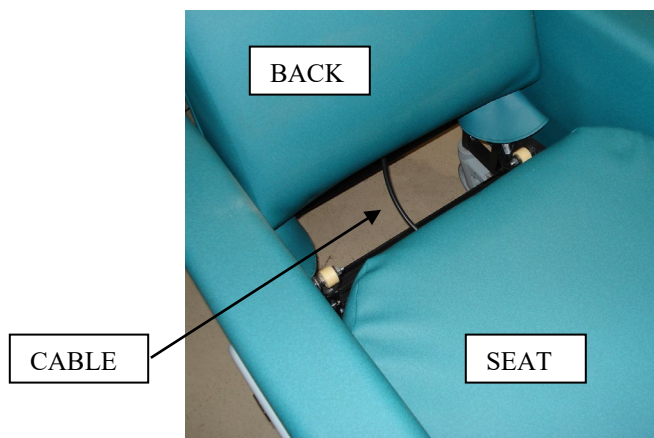
⚠ CAUTION: DO NOT allow moisture to pool on top of the switch.

⚠ CAUTION: DO NOT pressure wash or “hose down” chairs.

⚠ CAUTION: Heat or heat/massage components are fixed to the inside of the removable seat cushion. The seat can be slid forward as described on a previous diagram BUT must be flipped up and placed in the chair. This allows the seat to be moved for access to the inside of your recliner without having to remove any components.

Please reference section on General Maintenance and Care of Chairs. Please wipe up all spills as soon after they happen as possible. Use caution when cleaning around any of the cord connections in the power components.

Make sure to wipe all moisture out of switch area after all cleaning.



Note: Some components may have a different appearance as shown in the picture due to multiple models of chairs. The serial number of the chair informs Customer Service of the proper components for that chair.

TRENDELENBURG OPTION

We recommend that health care professionals who will be using this chair become thoroughly acquainted with the recliner and the Trendelenburg option prior to its use with an occupant.



CAUTION: The Trendelenburg release lever must be fully actuated and held for the option to operate properly.

Actuate Trendelenburg:

1. Follow the previous section on operating instructions to place the chair into the full recline position.
2. Locate the Trendelenburg actuator release lever on the chair back.
3. Grasp the push handle, **pull and hold** the Trendelenburg release lever. Lower the back and occupant into Trendelenburg position. Release the lever to lock the chair back in position. Should you choose to place the chair in a position short of full Trendelenburg, stop the chair back at the desired position and release the actuator while on the way down.
4. Once the chair back has started to lower a safety limit switch will be activated and the powered recline features of the chair will **NOT** function. This is a safety feature to prevent damage to the chair.



CAUTION: The Trendelenburg release lever must be fully actuated and held for the option to operate properly.

Return from Trendelenburg:

1. **Pull and hold** the Trendelenburg actuator release lever as you lift the chair back to the full recline position. Release the actuator to lock the back in position.
2. With the back all the way out of Trendelenburg the safety limit switch will be released and powered recline functions will resume as described above.
3. The chair may now be actuated into any of the standard chair positions according to the operating instruction.

NOTE: If the remote does not function after bringing the chair out of Trendelenburg repeat the process for returning from Trendelenburg to make sure the back is all the way up.

OPERATION OF SWING ARMS (65P, 66P, 67P, 68P, 85P, 86P, 87P, 88P, OR 89P SERIES)

⚠ WARNING: Your recliner has moving parts that create pinch points. When the swing arms are open, those points are fully exposed. Occupants should **NEVER** be left in a chair with the arms in the opened position. **THE CHAIR SHOULD NOT BE LEFT UNATTENDED, WITH THE ARMS UNLATCHED.**

⚠ CAUTION: Be aware of the path the arm is taking. Swinging the arm into objects may result in vinyl damage. It is recommended that opening the arm be done with the chair in the Upright Position or the fully reclined position. If the arm on your chair is equipped with a fold-down table, relocate the items on the table top and fold the table top down.

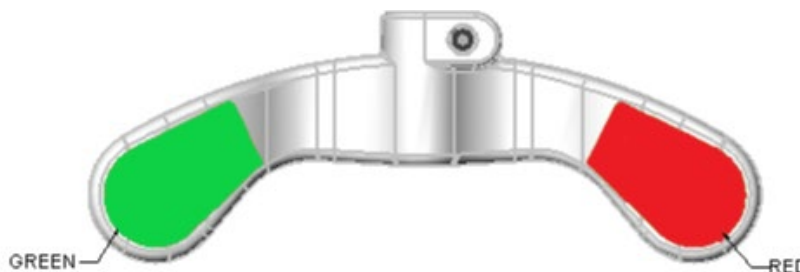
65, 66, 67, 68, 85, 86, 87, 88 and 89 series arms hinge at the back and may be opened a full 180 degrees. To do this, standing at the side of the chair, grasp the release handle and lift to release, and swing the arm open.

Once an occupant transfer is complete, the arm should be returned to the locked position. To do this, swing the arm back toward the front of the chair until you hear the “click” of the release handle being secured by the latch; **pull outward on the arm to be sure it is securely latched.**

NOTE: The swing arms may be opened in the upright position to allow access to the thumb-knobs that secure the quick release seat to the mechanism. This operation is noted later in this manual.


OPTIONAL FEATURES – Central Locking Casters

Your chair can be ordered with the Central Locking Caster system. If your chair was ordered this way, your caster lock looks like the photo below. To lock step on the green side of the pedal and to unlock step on the red side of the pedal. Make sure casters are locked unless you are moving the chair.




REMOVING/INSTALLING SEAT

1. Place the chair into the full recline position.

 **WARNING:** Before moving the chair, unplug the chair from the wall outlet and make sure to keep clear of all moving parts. Pinch points can be created while the chair is in motion.

2. Locate and remove the 2 yellow thumb knobs under the left and right edge of the seat front.
3. Once clear from all moving parts, return the chair to the full upright position. Grab the lower front edge of the seat and lift the front of the seat until the stud clears the mechanism.

 **CAUTION:** Heat or heat/massage components are fixed to the underside of the removable seat cushion. The seat can be slid forward BUT must be flipped up and placed in the chair. This allows the seat to be moved for access to the inside of your recliner without having to remove any components.

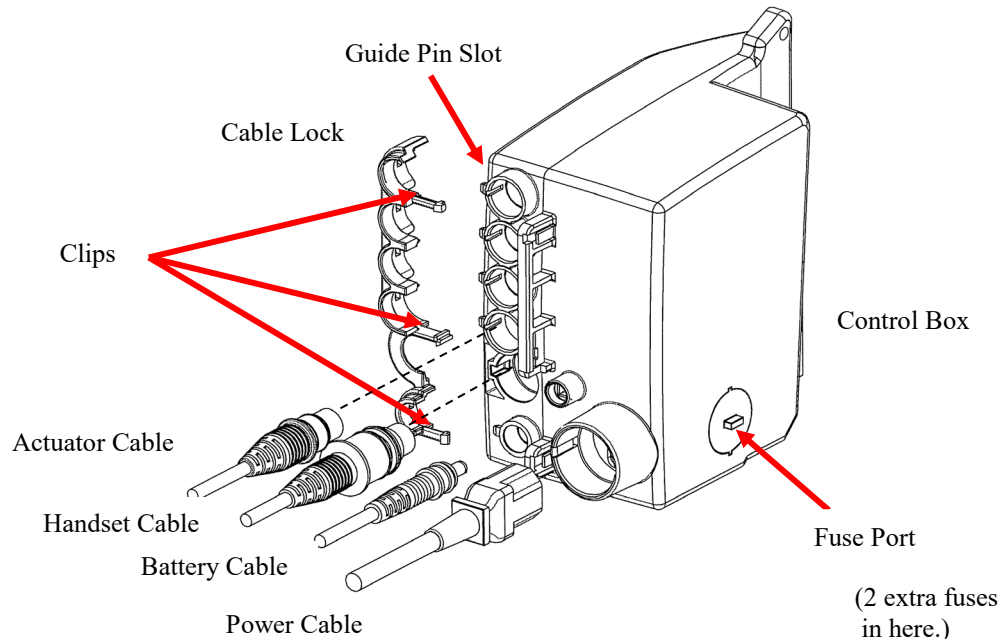
4. Slide the seat outward until it is free of the mechanism. Once it is free of the mechanism tip it back against the chair back.

Installing the Seat:

1. With the chair in the full upright position, place the quick release seat clips under the flange on both sides of the mechanism, slide the seat back in the chair.
2. When the bolts reach the flange, lift up on the front of the seat and slide it back until the bolts drop into the holes in the mechanism. Move the chair into the full recline position and thread on the yellow thumb knobs to secure the seat in place, making sure the stem on the knob is facing up. Return the chair to full upright position before having an occupant enter the chair.

NOTE: The swing arms may be opened in the upright position to allow access to the thumb-knobs that secure the quick release seat to the mechanism.

POWER CONNECTIONS



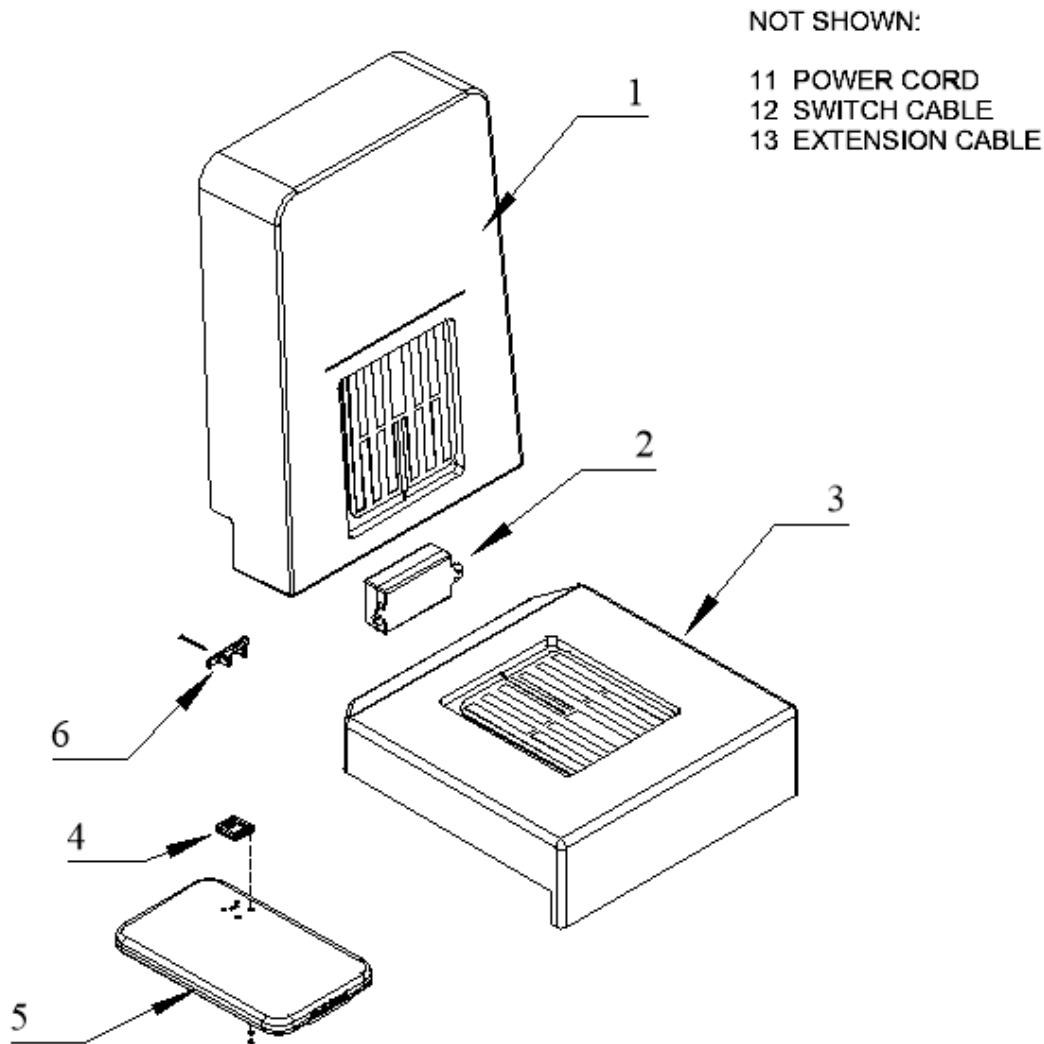
Remove Cables:

1. Remove the cable lock. This may require a small screwdriver to undo the clips on the control box.
2. Pull the desired cable out of the control box. The power cable has a clip that may require a screwdriver to release.

Install Cables:

1. Insert each cable into the port shown above. Some of the connectors have a guide pin for alignment.
2. Install the cable lock over the cables and make sure all three clips have locked in place. This prevents the cables from being pulled out accidentally.

HEAT AND MASSAGE CHAIR PARTS VIEW



HEAT AND HEAT/MASSAGE CHAIR COMPONENTS LIST

PG/PART	DESCRIPTION	PG/PART	DESCRIPTION
24-01	BACK FOAM W/ HEAT OR HEAT & MASSAGE	24-06	CORD CLEAT
24-02	CONTROL BOX	24-11	POWER CORD (NOT SHOWN)
24-03	SEAT FOAM W/ HEAT	24-12	SWITCH CABLE (NOT SHOWN)
24-04	SWITCH ASSEMBLY	24-13	MASSAGE MOTOR EXTENSION CBL (NOT SHOWN)
24-05	PLASTIC TABLE		

Note: Some components may have a different appearance than shown in the picture due to multiple models of chairs. The serial number of the chair informs Customer Service of the proper components for that chair.

GENERAL MAINTENANCE AND CARE OF CHAIRS



WARNING: Never clean or maintain your chair with an occupant in the chair.



WARNING: Before cleaning or disinfecting, always unplug the chair from the wall outlet. **DO NOT** use table as a seat.



CAUTION: Never lubricate the Trendelenburg mechanism; doing so may cause the Trendelenburg mechanism to fail. Note: this mechanism is particularly prone to damage due to power washing.



CAUTION: Avoid liquid ingress into all electronic components.



CAUTION: Never clean the chair in a wash tunnel, with a high-pressure cleaner, or spray liquids on the electronics. Do not pressure wash chair or electronic components.

Regular and careful cleaning of the upholstery with water and a mild soap can prevent hardening and embrittlement of the upholstered parts from such problems as body perspiration, skin oils, hair spray, hand creams and similar things that may affect the upholstery. It is not necessary or recommended that moving parts of the chairs be lubricated. Keeping the chair clean is the main maintenance requirement. Each facility should check their chairs and set their own maintenance schedule.

It is recommended that the underside of the chairs be checked periodically for waste materials that have fallen under the chair. For this purpose, use the quick-release seat feature for removal of the waste. It is also recommended that the thumb screws on the quick-release seat be periodically checked to make sure they are tight.

Check that the hinge fasteners, latch mount and release mount fasteners are secure on the swing arm chairs. The top of each latch mount has plastic buttons that are designed wear points. Check the buttons and replace when worn to prevent damage to vinyl covers. These checks should be done monthly, and then tailor to your findings. (See included schematics and parts listing to identify these components).

If a part becomes worn or broken, see the sections regarding service and warranty for information.

GENERAL SAFETY FOR CHAIRS WITH POWER/HEAT/MASSAGE OPTION

Please advise your cleaning staff to keep in mind these safety instructions.



WARNING: To reduce the risk of electric shock, always unplug this product from the wall outlet before cleaning, disinfecting, or replacing any parts.



WARNING: Never operate the chair if it has a damaged cord or plug, if it is not working properly, if it has been damaged, or is not dry.



WARNING: Keep chair and electronics dry – do not operate in a wet or moist condition or environment



WARNING: Do not power wash chair or electronics or swab down electronics with a wet mop.



CAUTION: As you Unplug chair from the wall outlet examine your cord and plug for wear or damage including, but not limited to wear, cuts breaks, or bent prongs.



CAUTION: Do not pull the chair by the power cord.



CAUTION: Do not roll chair or other equipment over the power cord or the cord to the handset.



CAUTION: Do not modify the plug or use an extension cord or adapter to plug into the wall outlet.



CAUTION: Do not use outdoors.

GENERAL CLEANING PRECAUTIONS



CAUTION: Treat all stains immediately to prevent it becoming a permanent stain.



CAUTION: Several light applications of a cleaning agent are less harmful than a single concentrated application to remove a stain.



WARNING: NEVER mix ammonia, or a cleaner with ammonia, with bleach as dangerous compounds may result.



WARNING: When solvent type cleaners are being used, care should be exercised. KEEP AWAY from fire or flame and use in a well-ventilated area.



CAUTION: Some fabric dyes, including indigo dyes commonly used in denim jeans, may migrate to the surface of the material and have the ability to create a permanent stain. This is increased by humidity and temperature and may be irreversible. To reduce the likelihood of a problem from this or any stain, clean as soon as noticed.



CAUTION: Indiscriminate use of strong solvents can damage or discolor vinyl.



CAUTION: Do not use abrasive household cleansers or steel wool.



CAUTION: Residue left by cleaning agents will degrade and shorten the life and/or affect the product's appearance if not removed.



CAUTION: Do not use steam cleaning or hot water to clean.



CAUTION: Do not use an iodine-based solution or the upholstery will become stained.

GENERAL CLEANING - UPHOLSTERY

REGULAR CLEANING: Remove excess soil with a damp non-abrasive cloth. Use a soft white cloth and solution of mild liquid soap or water based cleaner and water. Rinse all cleaning agents thoroughly with water and dry with a soft cloth.

IMPORTANT: For specific cleaning instructions, please see manufacturer's cleaning instructions.



CAUTION: Do not use cleaners marked "for hard non-porous surfaces only" unless approved by the upholstery manufacturer. Such use may cause surface deterioration.



CAUTION: Pretest any cleaning method or agent in a small hidden inconspicuous area.

STAIN REMOVAL: For best results treat all stains immediately. Remove any fluids by blotting with a clean, colorfast, absorbent cloth. Flush stain with water and dry with clean cloth. Remove as much of the solid or semi-solid substances as possible using a flat object. After removal, vacuum thoroughly using the proper attachments before cleaning with an agent. Clean stains or spots from the edge of the stain working towards the center.

GENERAL CLEANING – PLASTIC TABLE TOPS



CAUTION: Do not use strong solvents such as Picrin® or Goof-Off®. They will damage your table top.



CAUTION: Compounds that are safe to use on the vinyl surfaces of your chair may not be appropriate for cleaning your table top.

It is always easier to clean the table immediately after a spill. When the residue from a spill has dried on the table, a soft bristle brush may be used to help bring it back into solution. Rinse the surface with clean water. For residue that is not readily soluble in bleach and water, try hot water and dish washing liquid. Rinse and use absorbent material to remove as much liquid as possible. You may also try rubbing alcohol, applying a small amount of alcohol with a cloth, rubbing the dried-on residue. It may take several applications to dissolve the residue.

GENERAL INFECTION CONTROL

INFECTION CONTROL: A solution of up to 10% bleach and water may be used. After using bleach solution be sure to rinse area with a soft cloth moistened with clear water and let dry. Bleach solutions not completely removed can fade the material. Never use bleach in full strength to clean these materials. Information in regard to the strength of bleach solution from the vinyl manufacturer is meant to establish an upper limit beyond which damage might occur.

WARRANTY PROCEDURE

File a Warranty Claim

Calling customer service may institute a warranty claim. At that time, you will be asked to provide:

- your name and facility name
- your phone, fax number, email address
- **the serial number of your product**, and
- the nature of your problem

Having the above information available at the time that you call will speed the process. In order to provide prompt accurate service, it may be necessary to request further information about the chair function to accurately define the problem.

Warranty Coverage

Your coverage is per the Champion warranty. A copy of the current warranty was provided with this manual for your convenience. Please read this document.

Warranty Does Not Apply If:

- Repairs have been made that were not authorized or under the direction of Champion Manufacturing Inc's service department.
- Required repairs are due to normal wear and tear.
- Product has been abused, improperly used or maintained.
- Alterations have been made to the chair.
- Improper cleaning agents or methods have been used.
- Repairs have been made with parts other than Genuine Champion repair parts.

Whether your claim is covered under warranty may not always be determined at the time of your call. Where the possibility of improper use exists, a determination will be made upon receipt of damaged components or product. In these cases, components or product will be shipped with the express understanding that if damage is not covered by warranty **all costs are the responsibility of your facility.**

Service Parts will not be sold if your chairs are outside of the product lifetime of eight (8) years unless

- Chairs have been inspected and replacement parts verified as installed properly by an approved Champion technician for an extended life certificate.

Note: Shipping charges are not covered under warranty with the exception of provable shipping damage.

SERVICE INFORMATION

The mission of the customer service department is to get your chair up and running as quickly as possible. It is critical that the customer service department know what product you have, and exactly what is wrong with the product. If you have questions or problems, you should never hesitate to call for assistance: 800-998-5018.

The most timely and cost-effective way for your chair to be repaired is for the Champion's customer service department to work with your maintenance department or equipment technician.

Determining the Problem

What is wrong with the chair should be determined by troubleshooting. The customer service department will assist you with this by asking you questions about the chair function.

Serial Number

The chair serial number identifies the precise configuration of your chair; this is critical to receiving correct components and instructions. **This number is required to process your request.**

The serial number is located in the back of the chair on the lower left side on the label entitled Champion Manufacturing -Serial #xxxxxx.

No parts will be shipped without a Serial Number to which they will be installed.

PARTS IDENTIFICATION

To identify worn or damaged components please refer to appropriate product schematics.

To obtain repair part numbers refer to the parts listing key using the schematics page and item number.

Parts orders may be placed by using the convenient fax order form in this manual or by calling Champion's customer service 800-998-5018.

When placing an order by phone you will be asked to provide:

- your name and facility name
- your phone, fax number, email address
- the serial number of your product, and
- the nature of your problem

Having the above information available at the time you call will expedite the process. In order to provide prompt, accurate service it may be necessary to request further information about the chair function to accurately define the problem.

SERVICE PARTS FORM

Please duplicate form for use

Ship to:

Facility: _____

Address: _____

City: _____ State _____ Zip _____

Telephone: (____) ____ / ____ Fax: (____) ____ / ____

Shipping instructions:

Ground: _____

3rd day: _____

2nd day: _____

Next day: _____

Reminder: if no shipping choice is made, the least expensive way will be used.

Bill to:

Facility: _____

Address: _____

City: _____ State _____ Zip _____

Order placed by:

Name: _____

Phone: (____) ____ / ____ Ext.: _____

Email: _____

Purchase order #: _____

**No order will be processed
without a P.O. & SN number*.**

Model number: _____ Serial number: _____

Part number	Page no. / part no.	Quantity

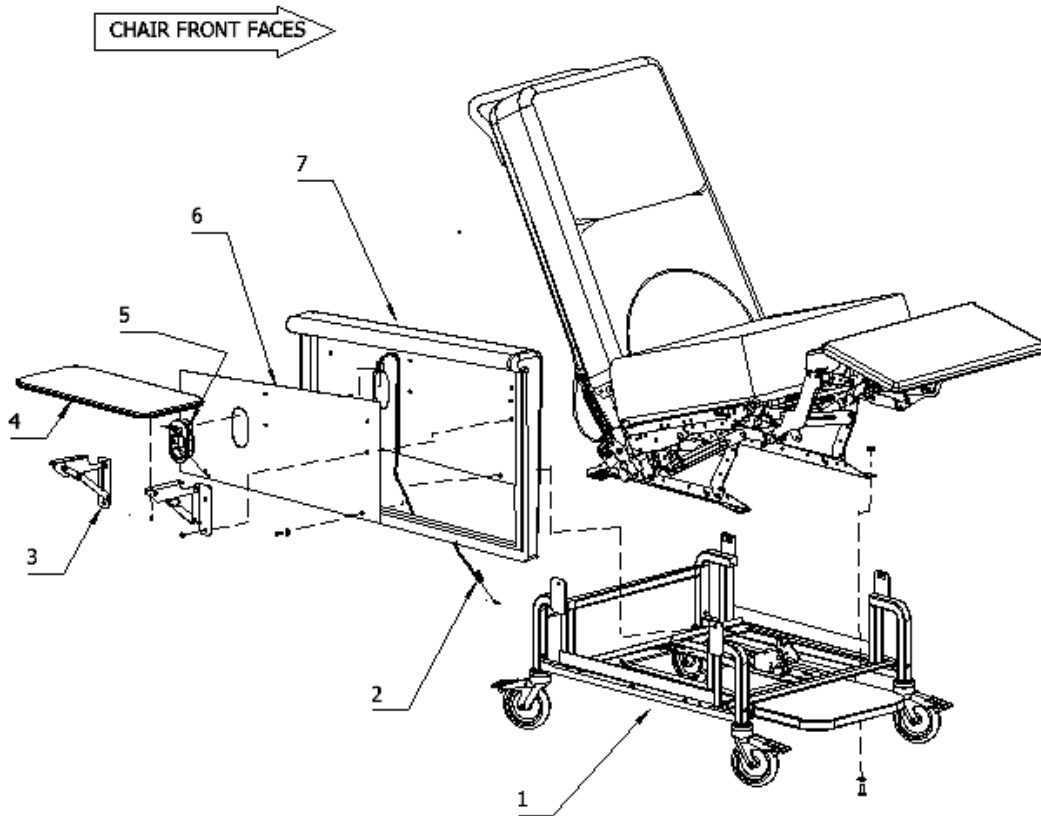
**Champion Manufacturing Inc
2601 Industrial Parkway
Elkhart, IN 46516
Phone: 800-998-5018 fax: 574-293-5760**

*If your chair is over eight (8) years old, no part orders will be processed without documented inspection by a Champion approved technician and an extended life certificate.

MEDICAL RECLINER TRANSPORTER

MEDICAL RECLINER-TRANSPORTER

SCHEMATICS
Schematics for Fix arm chairs only
Rev REL effective 06/15/19
ARM ASSEMBLY
TABLE ASSEMBLY
FRAME BASE



Note: Some components may have a different appearance than shown in the picture due to multiple models of chairs. The serial number of the chair informs Customer Service of the proper components for that chair.

MEDICAL RECLINER-TRANSPORTER

SCHEMATICS

Power recliners with Swing Arms

Schematic Rev REL effective 07/16/19

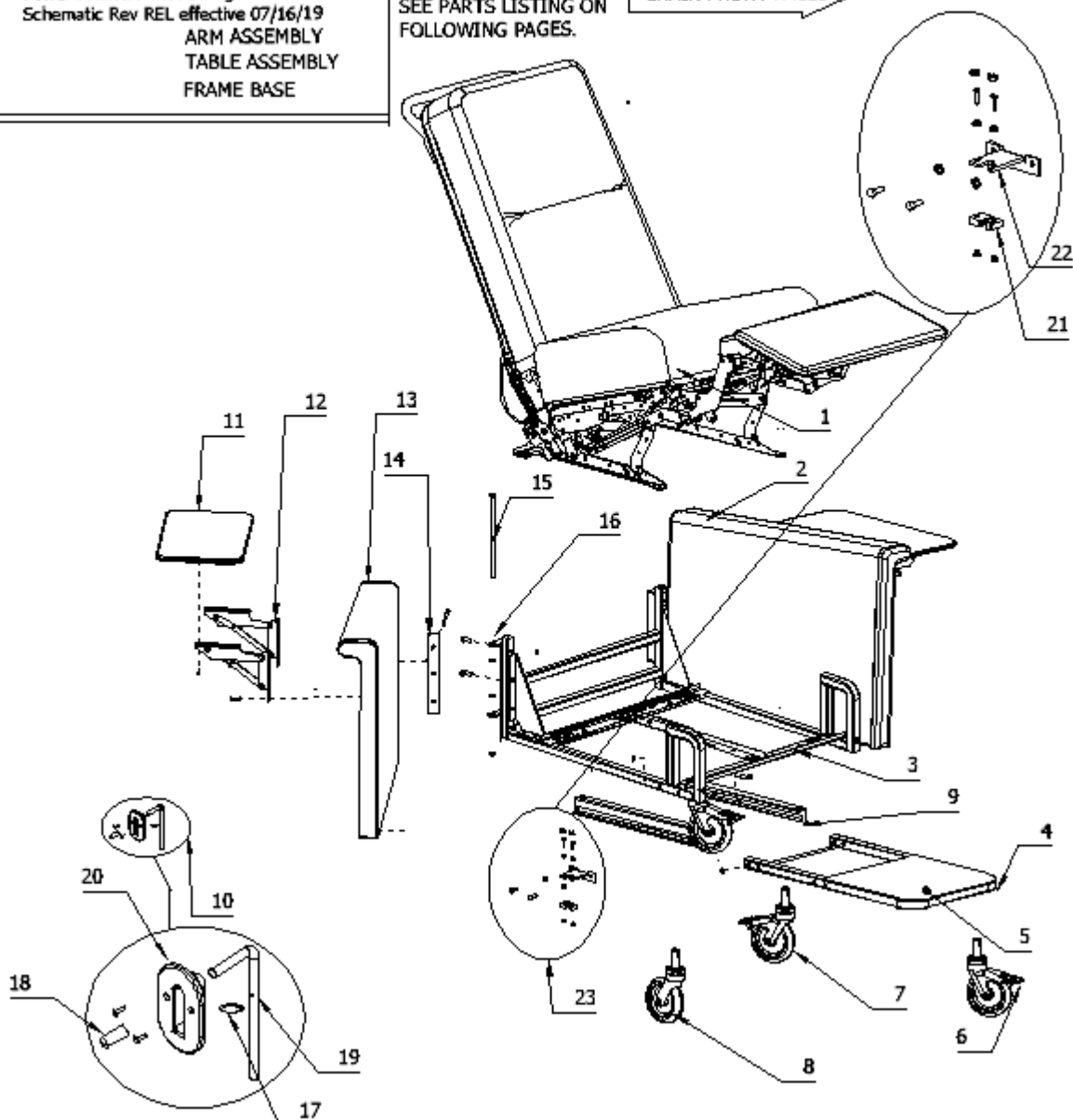
ARM ASSEMBLY

TABLE ASSEMBLY

FRAME BASE

FOR DESCRIPTION,
SEE PARTS LISTING ON
FOLLOWING PAGES.

CHAIR FRONT FACES



Note: Some components may have a different appearance than shown in the picture due to multiple models of chairs. The serial number of the chair informs Customer Service of the proper components for that chair.

MEDICAL RECLINER-TRANSPORTER

SCHEMATICS

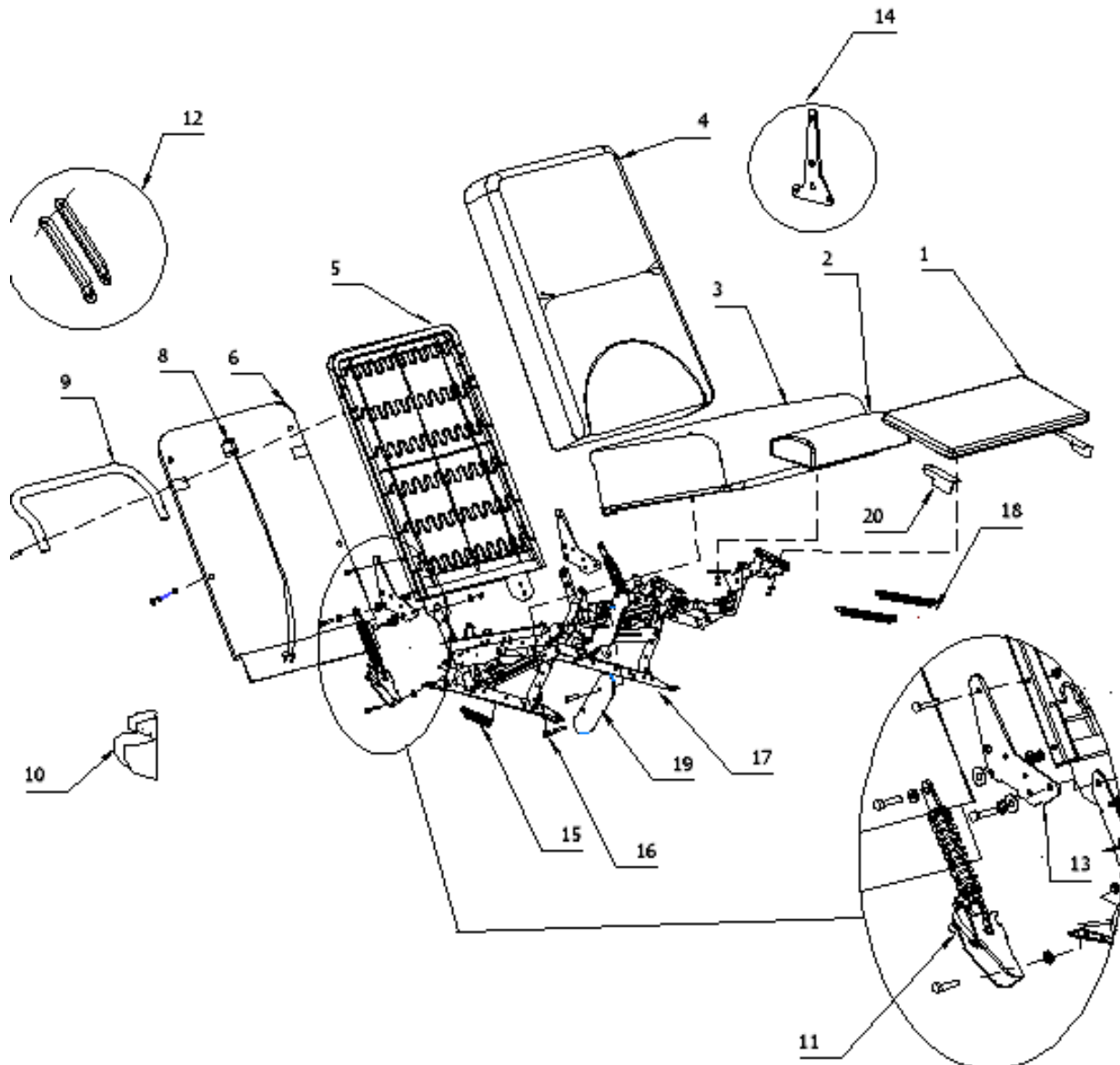
UPHOLSTERY ASSEMBLY

BACK FRAME ASSEMBLY

Classic, Ascent, and Ascent II power recliners
Power Manual Rev REL effective 07/16/19

FOR DESCRIPTION,
SEE PARTS LISTING ON FOLLOWING PAGES

CHAIR FRONT FACES



Note: Some components may have a different appearance than shown in the picture due to multiple models of chairs. The serial number of the chair informs Customer Service of the proper components for that chair.

MEDICAL RECLINER-TRANSPORTER

SCHEMATICS

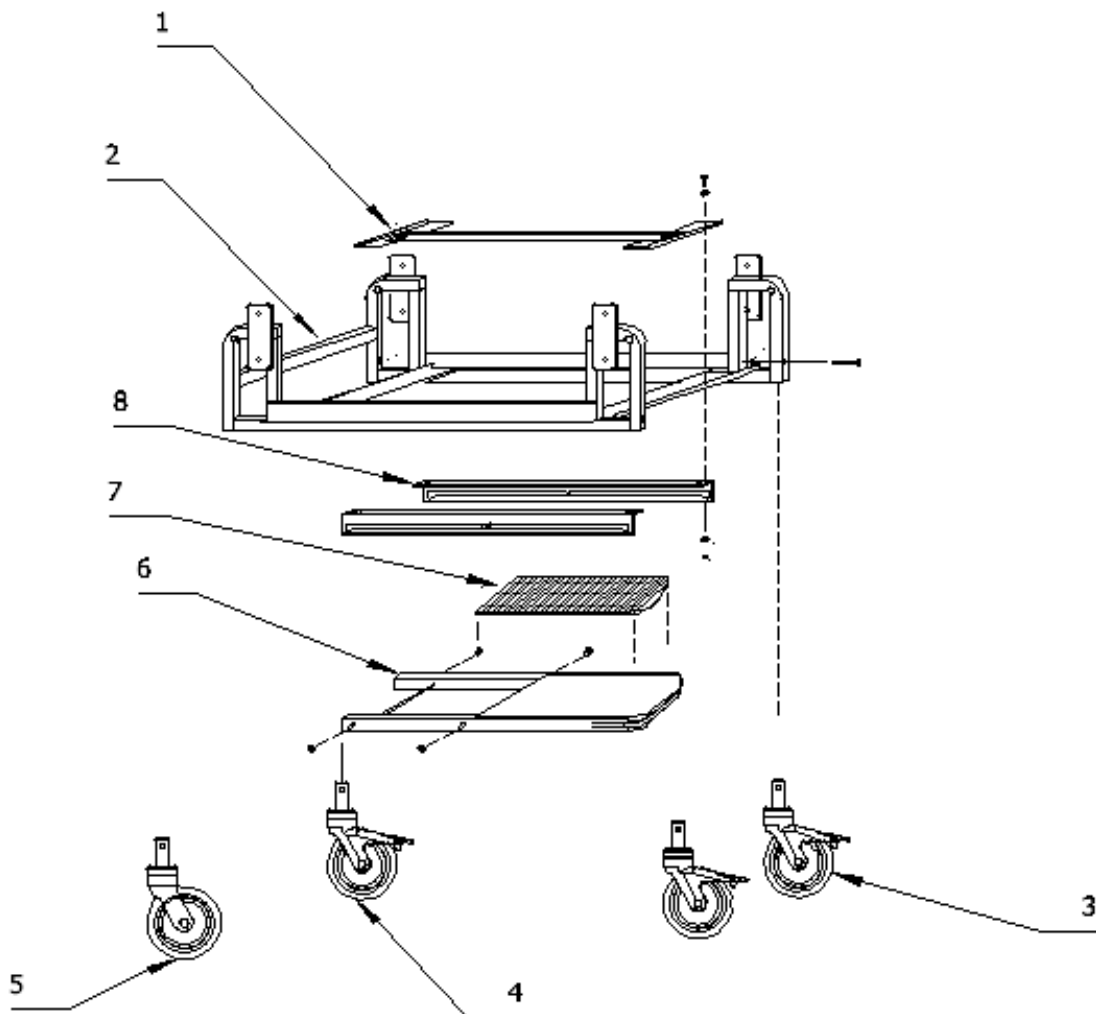
FRAME BASE

FOOT TRAY

CASTERS

Exploded Power Base Rev REL 06/18/19

CHAIR FRONT FACES



Note: Some components may have a different appearance than shown in the picture due to multiple models of chairs. The serial number of the chair informs Customer Service of the proper components for that chair.

MEDICAL RECLINER- TRANSPORTER			
PAGE-PART NUMBER	DESCRIPTION	PAGE-PART NUMBER	DESCRIPTION
32-01	COMPLETE FRAME BASE ASSEMBLY	34-01	FOOT REST UPHOLSTERED
32-02	RECLINE MECHANISMS ACTUATOR CABLE ASSEMBLY	34-02	CENTER BOARD ASSEMBLY
32-03	TABLE BRACKET SET	34-03	SEAT ASSEMBLY
32-04	TABLE TOP	34-04	BACK PILLOW ASSEMBLY
32-05	RECLINE MECHANISM ACTUATOR HANDLE ONLY	34-05	BACK FRAME (SHOWN WITH TREND)
32-06	UPHOLSTERED ARM INSERT (RIGHT WITH ACTUATOR SHOWN)	34-06	UPHOLSTERED BACK PANEL WITH TREND
32-07	ARM ASSEMBLY – FULL (WITH RIGHT ACTUATOR SHOWN)	34-07	BACK PAINT WITHOUT TREND (NOT SHOWN)
		34-08	TREND CONTROL
33-01	MECHANISM WITH ALL UPHOLSTERED PARTS ATTACHED- FOR ILLUSTRATION	34-09	PUSH HANDLE
33-02	LEFT HAND SWING ARM ASSEMBLY	34-10	MECHLOK UPHOLSTERED COVERS
33-03	MECHANISM LATCH	34-11	MECHLOK ASSEMBLY, RIGHT
33-04	SWING ARM FRAME BASE	34-12	LINK SET (WITH OUT TREND OPTION)
33-05	PULL OUT FOOT TRAY	34-13	BACK MOUNT BRACKET (TREND)
33-06	TREAD FOR PULL OUT FOOT TRAY	34-14	BACK MOUNT BRACKET (NO TREND)
33-07	CASTER - FRONT TOTAL LOCK	34-15	RELEASE SPRING
33-08	CASTER - STEERING	34-16	THUMB KNOB
33-09	CASTER - SWIVEL	34-17	RECLINE MECHANISM
33-10	TRACK SET FOR PULL OUT FOOT TRAY	34-18	MECHANISMS SPRING
33-11	RELEASE ASSEMBLY	34-19	MECHANISM SIDE COVER SET (1 SHOWN)
33-12	TABLE TOP	34-20	MECHANISM FRONT COVER SET (1 SHOWN)
33-13	TABLE BRACKET SET		
33-14	RECLINE ACTUATOR HANDLE ONLY	35-01	FLOOR RAIL ASSEMBLY
33-15	RIGHT HAND ARM ASSEMBLY	35-02	FRAME BASE
33-16	"C" HINGE ARM BRACKET	35-03	CASTER – TOTAL LOCK
33-17	3/8 X 16/9" HEX BOLT	35-04	CASTER – SWIVEL
33-18	"C" HINGE BASE BRACKET	35-05	CASTER – STEERING
33-19	RING COTTER	35-06	PULL OUT FOOT TRAY
33-20	CAP RELEASE HANDLE	35-07	TREAD
33-21	RELEASE HANDLE	35-08	TRACK SET FOR PULL OUT FOOT TRAY
33-22	RELEASE COVER	35-09	MECHANISM LATCH
33-23	LATCH		
33-24	LATCH ASSEMBLY MOUNT		
33-25	LATCH ASSEMBLY – RIGHT		
33-26	LATCH ASSEMBLY LEFT (NOT SHOWN)		

POWER RECLINER-TRANSPORTER			
PG-PART#	DESCRIPTION	PG-PART#	DESCRIPTION
36-01	#6 SCREW		
36-02	FLAT WASHER – SWITCH		
36-03	PLASTIC TABLE		
36-04	SWITCH ASSEMBLY		
36-05	POWER FRAME BASE		
36-06	¼-20 LOCK NUT		
36-07	CONTROL BOX BRACKET		
36-08	HEAT/MESSAGE CONTROL BOX		
36-09	¼ -20 X 2.25" BOLT		
36-10	¼ FLAT WASHER		
36-11	#8 X 1.5" SCREW		
36-12	ROPE CLEAT		
36-13	#8 LOCK NUT		
36-14	# X ¾" SCREW		
36-15	BATTERY PACK		
36-16	POWER CONTROL BOX		
36-17	¼ - 20X 1.5" BOLT		
36-18	¼ FLAT WASHER		
36-19	¼ - 20 LOCK NUT		
36-20	COTTER PIN		
36-21	38-16X1 HEX ZINC GRADE 5 BOLT		
36-22	¼ X ½" SCREW		
36-23	POWER LINEAR ACTUATOR		
36-24	CLEVIS PIN		
36-25	MECHANISM		
36-26	#6 LOCK NUT (TREND ONLY)		
36-27	MOUNT FOR SLS SWITCH		
36-28	SLS SWITCH		
36-29	#6 X 7/8" SCREW (TREND ONLY)		
36-30	SEAT FOAM WITH HEAT PAD		
36-31	BACK FOAM WITH HEAT/MSG		

CHAIR OPTIONS

Options: All options must be installed in the factory when the chair is produced.

Trendelenburg:

The Trendelenburg feature creates multiple positions from full recline through flat to full Trendelenburg. Refer to the in-service DVD for operating instructions of this feature.

Central Locking Casters:

Your chair can be ordered with the Central Locking Caster system. To lock step on the green side of the pedal and to unlock step on the red side of the pedal. Make sure casters are locked unless you are moving the chair.

TV Bracket:

Right-handed mounting bracket used mount a television to the arm of the chair.

CHAIR ACCESSORIES

Accessories: Accessories may be ordered at any time. They can be installed in the factory or in the field by the facility.

Backup Battery Pack:

As a backup power option, the battery will allow the user to operate through several chair cycles (upright to recline and back to upright) during occupant transport or loss of power to the outlet.

Dual Remote Controls:

Caregivers will have added control with the addition of a 2nd remote. In the event that a caregiver would have to reposition an occupant without being able to utilize the occupant control they would have the 2nd remote to place them in the full recline position to use trendelenburg or sit them up to the full upright position.



WARNING: DO NOT use tables as a seat.

Fold-Away Side Tables:

The fold away side tables are mounted to the arms of the chair. There can be one on either side of the chair. The side tables can also be ordered with cup holders.

Cushion Wedge:

This removable support provides additional surface for arm support as well as closing the gap between the inside of the chair arms for smaller occupants. Use on either the right or left side.

IV Pole:

Stainless construction, 1" diameter IV pole features two or four rams horn hooks, adjustable with infinite positions; extended effective length 64".

IV Pole Bracket:

This bracket is used to mount the IV pole on the backside of either or both arms and accommodates a 1" diameter pole.

IV Pole Base:

The IV pole base accepts the transfer of the IV pole from the chair bracket to the IV pole base allowing the occupant to be mobile and free of the chair.



WARNING: No items should be placed behind the occupant's back or beneath them. Placing items (pillow, blanket, etc.) in the chair will expose the item to the heat generated by the system. Unlike the occupant's body, certain items may not absorb and dissipate the generated heat; this may expose the item to temperatures that are higher than noted here through trapped heat. This may cause damage to the chair, the item, and risk of contact with higher temperatures. Damage to the item or your chair is not covered by your warranty.

Head Pillow / Lumbar Support:

This removable cushion can be used for head or lumbar support. The pillow attaches around the back of the chair with hook and loop fastener strap to allow placement of the pillow at various positions to best suit the occupant. Never place comfort or bulky items between the heating element and the occupant.