

STRETCHAIR® BARIATRIC STRETCHER-CHAIR

OWNERS OPERATING AND MAINTENANCE MANUAL

Models S550, MC675CL, S750 and S999



**IMPORTANT - DO NOT DISCARD THIS MANUAL.
KEEP THIS MANUAL FOR FUTURE REFERENCE AND TRAINING.**

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READ AND FAMILIARIZE YOURSELF WITH ALL INSTRUCTIONS BEFORE USING THIS PRODUCT.

Do NOT install, maintain, or operate this equipment without reading and following this manual, otherwise injury and/or damage may result.

IF YOU HAVE ANY QUESTIONS OR CONCERNS,
PLEASE CONTACT WINCO MFG., LLC.

Winco assumes no responsibility for damage or injury caused by improper assembly, installation, use, or maintenance of these products.

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The information contained in this manual is subject to change without notice.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

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SYMBOLS



FOLLOW INSTRUCTIONS



SITTING PROHIBITED



TYPE B APPLIED PART

IP XX PROTECTION LEVEL



GENERAL WARNING



DC VOLTAGE



DANGEROUS VOLTAGE WARNING



RF COMMUNICATIONS EQUIPMENT

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INTENDED USE STATEMENT

The Stretchair® is designed as a method of transporting adult occupants within healthcare facilities by qualified personnel with the facility. The controls are **NOT** intended for use by the occupant.

TRANSPORTATION, STORAGE, HANDLING & DISPOSAL

- The product should be transported in factory packaging, inside an appropriate medium for the destination, i.e., truck, air, or sea cargo containers.
- The product should be stored in an environment that will prevent rust or fungus formation.
- Winco Mfg., LLC recommends not leaving the product in the factory packaging in excess of three (3) months.
- The product should always be handled in a manner consistent with the user instructions and in a manner to prevent contamination after each use.
- The product has many recyclable components and to the extent practical, all effort should be used to recycle responsibly. Otherwise, the product components shall be disposed of in accordance with local statutes.

PREPARATION: BEFORE YOU BEGIN

1. You should thoroughly read and possess a full understanding of this manual before using this product. It is imperative that all users know how to properly operate all functions and features of this product.
2. Carefully examine your product for any damage. Be sure to inspect all components. **IF DAMAGE IS EVIDENT, CONTACT FREIGHT CARRIER OR WINCO IMMEDIATELY.**
3. Remove all packaging material and any hardware that was secured for shipping. Save packaging (see #6 below).
4. Carefully remove all components and any included tools and/or parts from the carton.
5. You may need to cut packaging materials with a box cutter or scissors to access the product. Use **CAUTION** to avoid personal injury or damage to the product.
6. Save all boxes and packaging material until **AFTER** you have assembled your product and have verified that all components are functioning properly. These materials are required if it becomes necessary to return the product.
7. Read all hangtags and labels carefully. Hangtags and labels contain pertinent information regarding your product specifically. They may be located on the back of the chair, attached to the handles or chair back.
8. **DO NOT** install, maintain, or operate this equipment without reading and following this manual otherwise injury and/or damage may result. In the event that someone improperly operates this product and causes damage to it, the warranty may be voided. **IF YOU HAVE QUESTIONS OR CONCERNS PLEASE CONTACT WINCO MFG., LLC.**

WINCO ASSUMES NO RESPONSIBILITY FOR DAMAGE OR INJURY CAUSED BY IMPROPER ASSEMBLY, INSTALLATION, USE, MODIFICATION, OR MAINTENANCE OF THESE PRODUCTS.

IMPORTANT SAFETY INFORMATION

When using an electrical appliance, basic precautions should always be followed, including the following:



To reduce the risk of electric shock always unplug this product from the electrical outlet and disconnect the battery before reaching inside, cleaning, maintenance, or servicing. Do not operate the chair unless all four (4) wheels are resting on the floor.

1. Unplug this product from the electrical outlet when not in use.
2. Supervision should be provided when using this product.
3. Use this product only for its intended use as described in this manual.
4. DO NOT use attachments not recommended by the manufacturer.
5. 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; the product will need to be removed from service. Contact an authorized Winco service center for instructions.
6. DO NOT carry or pull this product by the power supply cord or use the cord as a handle.
7. Keep the cord away from heated surfaces.
8. DO NOT use outdoors.
9. To disconnect, push the emergency stop button on the control box (see page 19), then remove the plug from the outlet. Pull the molded plug end only to remove the cord; never pull on the cord only.
10. Clean the switch with a damp cloth only. Warranty will be VOID if liquid is introduced into the switch mechanism(s) or any electrical components.
11. Extension cords are not recommended.
12. DO NOT roll recliner or other equipment over the cord and always keep the cord stored inside the basket on rear of chair. Proper cord storage is essential in order to prevent damage. Should any cord or any electrical components have any signs of damage, they should be immediately replaced to avoid the possibility of liquid penetration or exposure to current, which can cause further damage to other components, caregivers, or patients.
13. This product is shipped with a 2 pin cord set for North America on a nominal 120 VAC circuit. The product will operate on circuits from 120-240 VAC with a local country power cord equipped with an IEC plug into the controller. If the plug does not fit into the outlet, contact a certified electrician to install the proper outlet. DO NOT MODIFY THE PLUG IN ANY WAY. No adapter should be used with this product.
14. For an added level of safety; Winco recommends the use of a 120 volt GFCI (ground fault circuit interrupter) outlet.
15. Never insert pins or attach other metallic fasteners into or onto any part of this chair.
16. DO NOT use this product if the covering shows signs of deterioration, such as checking, blistering, or cracking.
17. KEEP DRY. DO NOT operate in a wet or moist condition or environment.



DO NOT crush or pinch wiring. Water ingress testing was **NOT** performed on this device. This product should NOT be used in the presence of liquids. Refer to the cleaning instructions within this manual.

ONLY Connect this product to a properly grounded outlet.

 **WARNING IMPORTANT: PLEASE READ**

1. **READ AND FOLLOW ALL DIRECTIONS.**
2. This is a clinical chair. It is used to safely and comfortably position an occupant for various treatment procedures. Care should always be taken to assess an occupant's medical condition **PRIOR** to use of chair and **PRIOR** to positioning an occupant in order to determine if this chair is medically appropriate for a specific occupant's use
3. These chairs are **NOT** to be used in the presence of a flammable anesthetic mixture with air, oxygen, or nitrous oxide.
4. **STAY CLEAR** of the lift and recline mechanisms.
5. **DO NOT** put hands, feet, or clothing into any openings when adjusting the arms and/or leg rests on the chair. Attendant **MUST** confirm that occupant's arms, legs, hands, and feet are safe while changing chair positions or **SERIOUS INJURY MAY RESULT.**
6. An occupant should **NOT** be transported with the arms in the "down position" and/or while the chair is in the "lay-flat" position **except** in the event of an emergency.
7. **LOCK** casters at all times when chair is stationary **AND** when an occupant is in the chair. **UNLOCK** casters **ONLY** when moving the chair.
8. **ONLY** transport occupants when the surface is in the **LOWEST** position.
9. Secure occupant with the lap belt at **ALL TIMES.**
10. **DO NOT** use recliner for transporting in or with **ANY** type of vehicle or trailer. Winco chairs have not been tested or approved for use by an occupant in any type of vehicle or trailer.
11. **NEVER** sit on the chair arms or backrest. **SERIOUS INJURY** or damage may occur.
12. **DO NOT** stand on the foot rest.
13. Periodically check the tightness of all nuts, bolts, and screws during each annual inspection.
14. When the chair is not in use (not occupied), the lap belt **MUST** be stored in the latched position across the seat or **INJURY MAY OCCUR.**
15. Any chair with malfunctioning controls, torn upholstery, or other mechanical or visible damage should be immediately removed from service and repaired.
16. **NEVER EXCEED** the recommended weight capacity.
17. **USE ONLY WINCO AUTHORIZED REPLACEMENT PARTS.**
18. Chairs are suitable for indoor use only.

POWER / CABLE REQUIREMENTS

PART NUMBER	DESCRIPTION	QUANTITY
EL-HA-2CHANNEL	CONTROL, HANDSET	1
EL-PC-JUMBO-INT	POWER CORD, UL, JUMBO	1
EL-C8-LINAK-2-PORT	CONTROL BOX / BATTERY CHARGER	1



THE USE OF CABLES OTHER THAN THOSE SPECIFIED MAY RESULT IN INCREASED EMISSIONS OR DECREASED IMMUNITY OF THE SYSTEM.

PRODUCT LABELS

Winco Mfg., LLC
5516 SW 1st Lane
Ocala, FL 34474 – USA

www.wincomfg.com
1.800.237.3377
352.854.2929

Supply: 24V

IP XX

Operating Conditions:
10° - 40°
30% - 70% Humidity
100hPa - 1060hPa Pres.

Op. : Actuators & Lift - 10%, Max. 2 min / 18 min

Follow Instructions For Use

Use by Authorized Personnel Only

REV. B

(01)00855630004054(11)160202(21)S750100154

OWNERS OPERATING & MAINTENANCE MANUAL

STRETCHAIR® BARIATRIC STRETCHER-CHAIR

1	GUIDANCE AND MANUFACTURER'S DECLARATION: ELECTROMAGNETIC EMISSIONS		
2	THE STRETCHAIR® IS INTENDED FOR USE IN THE ELECTROMAGNETIC ENVIRONMENT SPECIFIED BELOW. THE USER OF THE STRETCHAIR® SHOULD ENSURE THAT IT IS USED IN SUCH AN ENVIRONMENT.		
3	EMISSIONS TEST	COMPLIANCE	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
4	RF emissions CISPR 11	Group 1	The Stretchair® uses RF energy only for its internal function. RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
6	RF emissions CISPR 11	Class A	The Stretchair® is suitable for use in all establishments other than domestic and may be used in domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes, provided the following warning is heeded: ⚠ WARNING This equipment/system is intended for use by healthcare professionals only. This equipment/system may cause radio interference or may disrupt the operation of nearby equipment. It may be necessary to take mitigation measures, such as re-orienting or relocating the Stretchair® or shielding the location.
7	Harmonic emissions IEC 61000-3-2	N/A	
8	Voltage fluctuations / flicker emissions IEC 61000-3-3	N/A	

RECOMMENDED SEPARATION DISTANCES BETWEEN PORTABLE & MOBILE RF COMMUNICATIONS EQUIPMENT & STRETCHAIR®

THE STRETCHAIR® IS INTENDED FOR USE IN AN ELECTROMAGNETIC ENVIRONMENT IN WHICH RADIATED RF DISTURBANCES ARE CONTROLLED. THE CUSTOMER OR THE USER OF THE STRETCHAIR® CAN HELP PREVENT ELECTROMAGNETIC INTERFERENCE BY MAINTAINING A MINIMUM DISTANCE BETWEEN PORTABLE AND MOBILE RF COMMUNICATIONS EQUIPMENT (TRANSMITTERS) AND THE STRETCHAIR® AS RECOMMENDED BELOW, ACCORDING TO THE MAXIMUM OUTPUT POWER OF THE COMMUNICATIONS EQUIPMENT.

RATED MAXIMUM OUTPUT POWER OF TRANSMITTER W	SEPARATION DISTANCE ACCORDING TO FREQUENCY OF TRANSMITTER (m)		
	150 KHZ TO 80 MHZ $d = 1.2\sqrt{P}$	80 MHZ TO 800 MHZ $d = 1.2\sqrt{P}$	800 MHZ TO 2.5 GHZ $d = 2.3\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.


NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

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GUIDANCE AND MANUFACTURER'S DECLARATION:

ELECTROMAGNETIC IMMUNITY

THE STRETCHAIR® IS INTENDED FOR USE IN THE ELECTROMAGNETIC ENVIRONMENT SPECIFIED BELOW. THE CUSTOMER OR THE USER OF THE STRETCHAIR® SHOULD ENSURE THAT IT IS USED IN SUCH AN ENVIRONMENT.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	N/A	<p>Portable and mobile RF communications equipment should be used no closer to any part of the Stretchchair®, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance:</p> $d = 1.2\sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = 2.3\sqrt{P} \quad 800 \text{ MHz to } 2.5 \text{ GHz}$ <p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</p>
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	3 V/m	<p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, ^a should be less than the compliance level in each frequency range. ^b</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> 

NOTE 1: At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.

^a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Stretchchair® is used exceeds the applicable RF compliance level above, the Stretchchair® should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Stretchchair®.

^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

GUIDANCE AND MANUFACTURER'S DECLARATION:

ELECTROMAGNETIC IMMUNITY

THE STRETCHAIR® IS INTENDED FOR USE IN THE ELECTROMAGNETIC ENVIRONMENT SPECIFIED BELOW. THE CUSTOMER OR THE USER OF THE STRETCHAIR® SHOULD ENSURE THAT IT IS USED IN SUCH AN ENVIRONMENT.

IMMUNITY TEST	IEC 60601 TEST LEVEL	COMPLIANCE LEVEL	ELECTROMAGNETIC ENVIRONMENT - GUIDANCE
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be greater than or equal to 30%.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	N/A N/A	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	N/A N/A	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions, and voltage variations on power supply input lines IEC 61000-4-11	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	N/A N/A N/A N/A	Mains power quality should be that of a typical commercial or hospital environment. If the user of the Stretchchair® requires continued operation during power mains interruptions, it is recommended that the Stretchchair® be powered from an uninterruptible power supply or a battery.
Power frequency 50/60 Hz magnetic field IEC 61000-4-8	3 A / m	3 A / m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

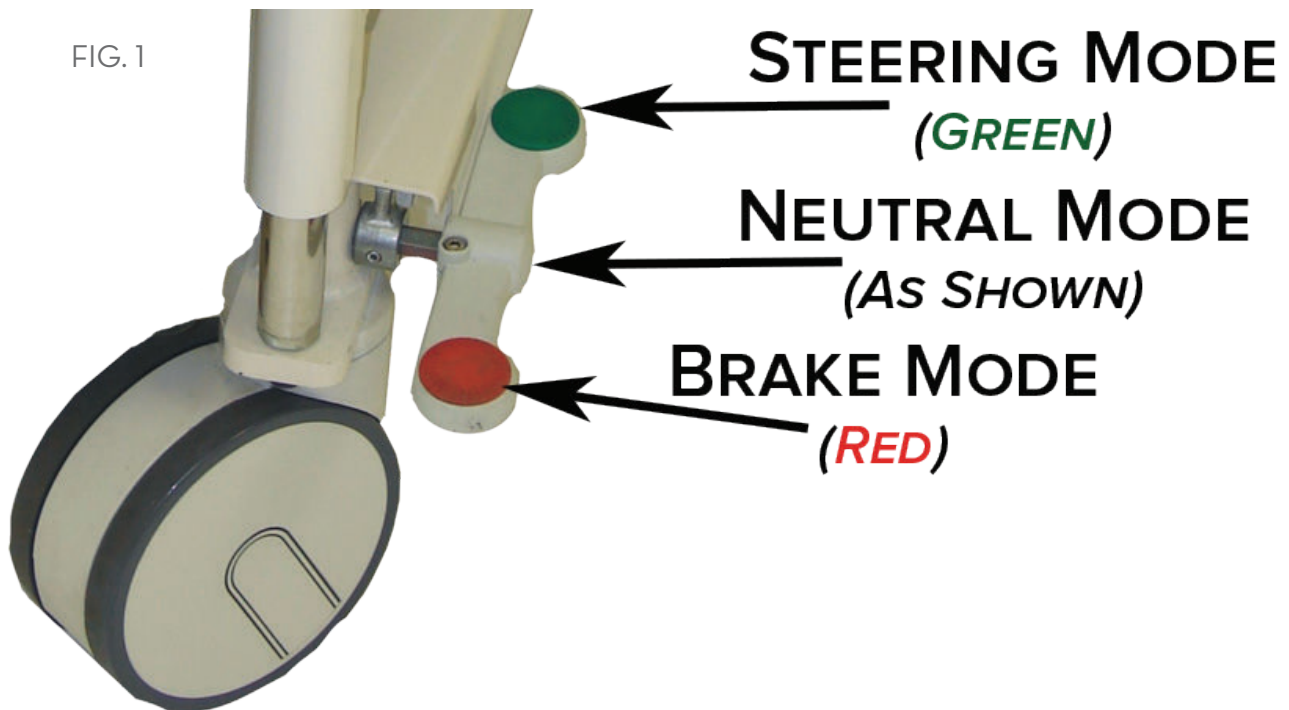
NOTE: U_T is the a.c. mains voltage prior to application of the test level.

OPERATING INSTRUCTIONS

CASTER OPERATION: 3 MODES

This chair is equipped with a total-lock braking system located at the rear base of the chair.

1. **BRAKE MODE:** Press down on the **RED** end of the lever (FIG. 1) to activate the total-lock mode. When engaged, the total-lock position will prevent the casters from swiveling and spinning.
2. **NEUTRAL MODE:** Position the lever so that it is completely horizontal (as shown below - FIG. 1). When engaged, the neutral position allows the casters to swivel and spin freely.
3. **STEERING MODE:** Press down on the **GREEN** end of the lever (FIG. 1) to activate the steering lock. This mode secures both front wheels in the "steer lock" position and allows the rear wheels to swivel and spin freely.



OPERATING INSTRUCTIONS CONTINUED

SWING-LEG ADJUSTMENTS

The Stretchair® is equipped with swing-legs that are designed to elevate an occupant's legs to a comfortable and/or prescribed position. Once one or both of the occupant's legs are elevated, they will remain at a fixed angle.

Desired positioning of the legs can be achieved with **four (4)** length settings and infinite elevation adjustments.

Swing-Legs are **NOT** adjustable in the lay-flat position.

1. The Stretchair® **MUST BE** in the upright position.
2. Depress the swing-leg release handle and adjust to desired elevation (FIG. 1).
 - Foot rests can be pivoted to "cushion up" position for added occupant comfort or can be left in "cushion down" position.
3. To adjust a foot rest to one of the four extended positions, push or pull on the foot rest while pulling down on the spring plunger (FIG. 1).
4. Once the desired length is found, release the spring plunger and push or pull the foot rest to ensure the foot rest has locked into position.
5. You can then use the handset control to adjust the chair angle for additional occupant comfort.

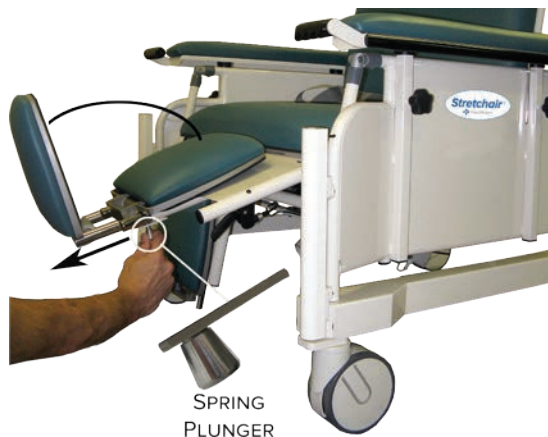


FIG. 1



WARNING

KEEP HANDS CLEAR OF MOVING PARTS TO AVOID PINCH-POINTS AND INJURY.

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OPERATING INSTRUCTIONS CONTINUED

ADJUSTING ARM RESTS

The Stretchair® arm rests are adjustable to enhance the occupant's comfort while sitting (FIG. 3) and to act as guard-rails while the chair is in the lay-flat position (FIG. 5).



CAUTION

DO NOT allow occupant to use the "stand-assist grips" or attempt to exit the chair until the armrests have been adjusted to their lowest position and the wheels have been locked.

1. Ensure that the occupant's arms are not resting on or directly under the arm rest prior to adjustment.
2. Loosen both arm rest knobs for adjustment (FIG. 4).
3. Adjust the height of the arm rests to a desired height.
4. Tighten **BOTH** arm rest knobs while holding the arm rest in the desired position.



IMPORTANT

- **BOTH** adjustment knobs must be tightened to remain secure.
- Arm rests must be adjusted to their highest height while the occupant is in the **LAY-FLAT** position (FIG. 5).
- Arm rests are **NOT** interchangeable.



FIG. 3

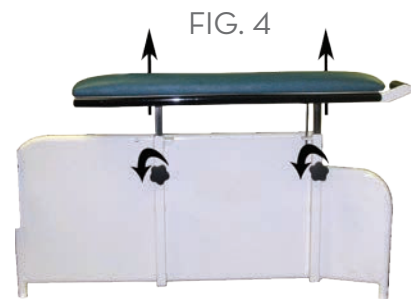


FIG. 4



FIG. 5

OPERATING INSTRUCTIONS CONTINUED

ASSISTING OCCUPANT INTO THE STRETCHAIR®

1. Stretchair® back should be in the upright position with the seat in its lowest position (FIG. 1).
2. Apply Brake Mode (FIG. 2).
3. Adjust arm rests to the **DOWN** position (see page 13).
4. Pivot the foot rests to upright position with the padded surface facing outward (FIG. 1).
5. Assist occupant into chair and secure with the safety belt provided.
6. Pivot the foot rests down and adjust them to a position that's comfortable for the occupant (see page 12).
7. Adjust arm rest/side rail height to suit the occupant (see page 13).

WARNING

- DO NOT stand or sit on the foot rests.
- DO NOT place hands, legs, or feet under the seat, leg rest, or foot rests.



FIG. 1

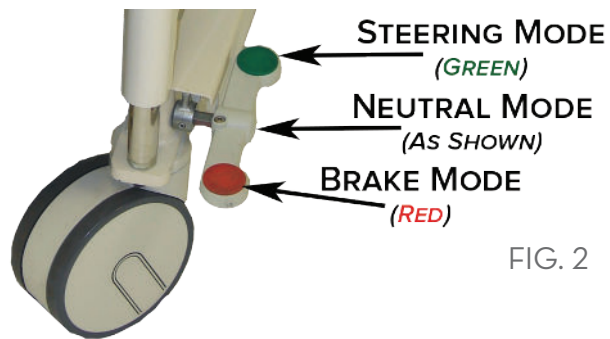


FIG. 2

MOVING OCCUPANT IN CHAIR POSITION

1. If the vertical lift has been engaged, return chair seat to its lowest position and recline the Stretchair® slightly using the handset control (FIG. 3).
2. Unlock the wheels and secure the wheels in the Steering Mode (FIG. 2).
3. Secure the occupant in the chair using the safety belt.
4. Push chair from behind using the back handle.

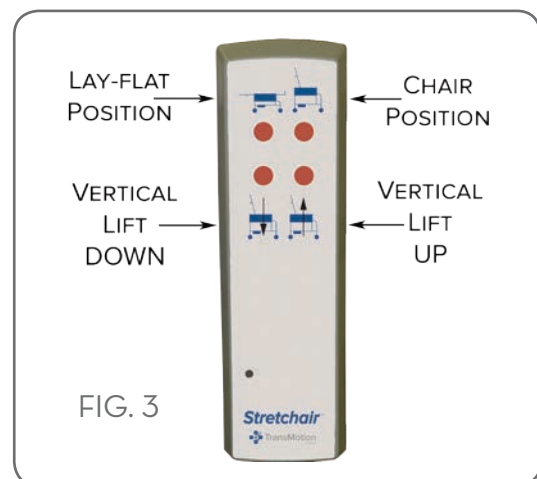
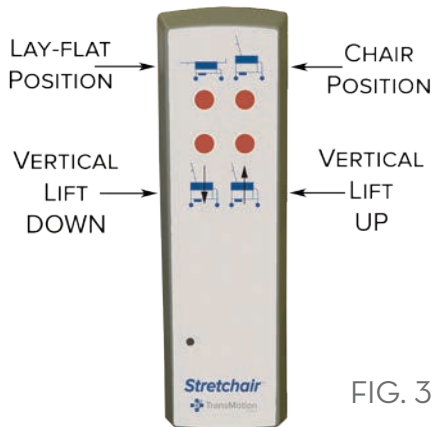
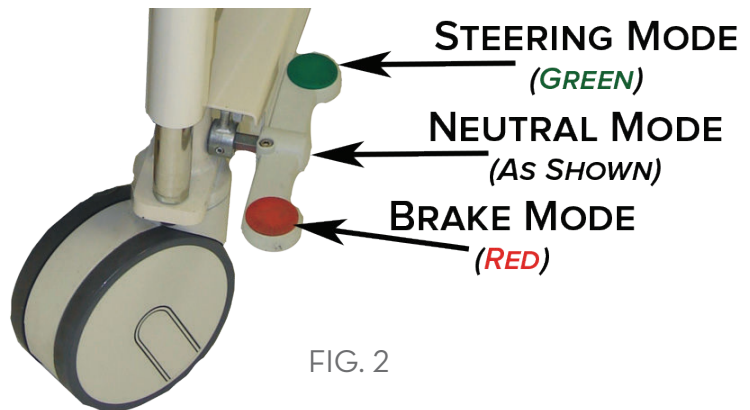


FIG. 3

OPERATING INSTRUCTIONS CONTINUED

PLACING THE CHAIR IN THE LAY-FLAT POSITION

1. Lock wheels (FIG. 2, Brake Mode).
2. Adjust armrests to their fully upright position (see page 13, FIG. 3).
3. Secure the occupant's arms in front of their chest.
4. Raise the occupant's legs and pivot the foot rests to the up position (FIG. 1).
5. Using the handset control, adjust the chair in the lay-flat position (FIG. 3 & FIG. 4).



OPERATING INSTRUCTIONS CONTINUED

RETURN STRETCHAIR® TO CHAIR POSITION

1. Lock wheels (FIG. 1, Brake Mode).
2. Keep armrests in the fully upright position (see page 13, FIG. 5).
3. Secure occupant's arms in front of their chest.
4. Using the handset control, return the Stretchchair® to the chair position (FIG. 2 and FIG. 3).
5. Raise the occupant's legs and lower the foot rests. Adjust to a suitable height for the occupant (see page 12).
6. Arm rests can now be lowered to a comfortable height for the occupant (see page 13).
7. Secure occupant in the chair using the safety belt.

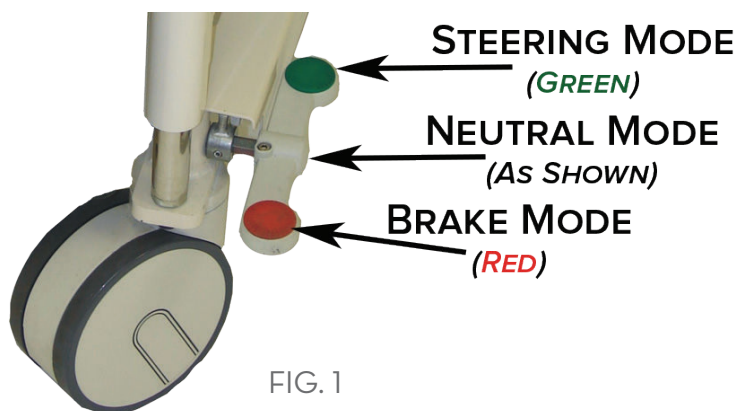


FIG. 1

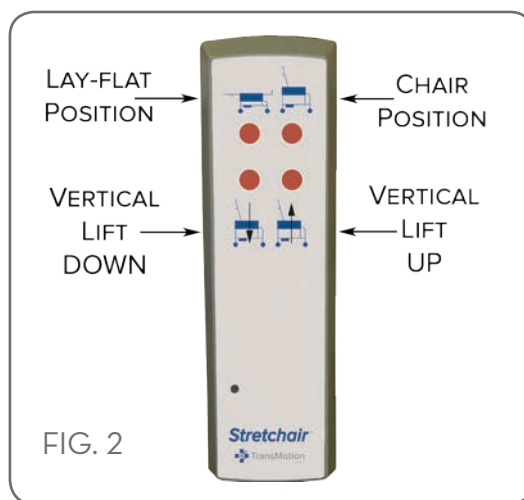


FIG. 2



FIG. 3

OPERATING INSTRUCTIONS CONTINUED

ASSISTING OCCUPANT'S EGRESS FROM CHAIR

1. Lock wheels (FIG. 2, Brake Mode).
2. If vertical lift has been engaged, return chair to it's lowest position (seat down) using the handset control (FIG. 3).
3. Completely lower the arm rests (FIG. 1).
4. Disconnect the occupant's safety belt.
5. Carefully lift the occupant's legs and return the foot rests to their upright position (FIG. 1).
6. Using the stand assist grips the occupant can now exit the chair.



FIG. 1

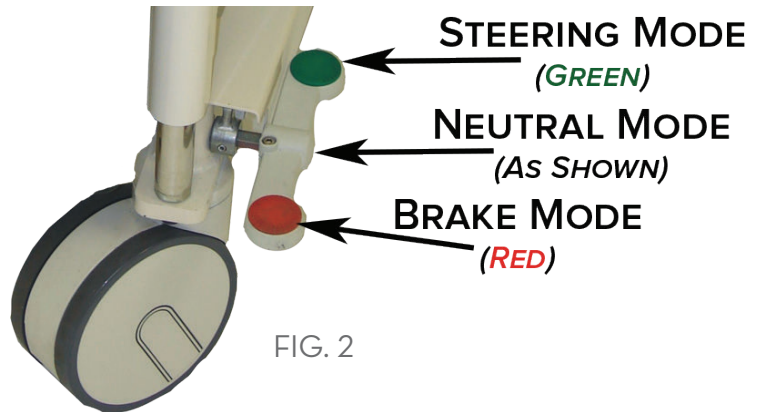


FIG. 2

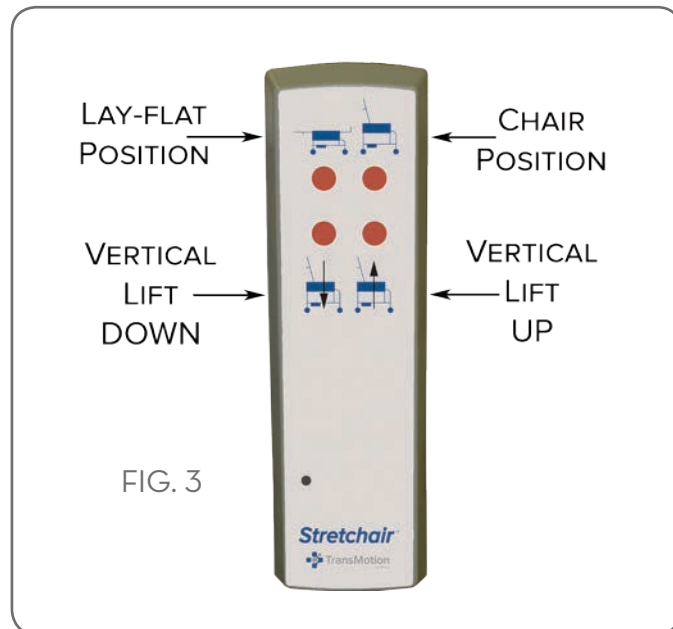


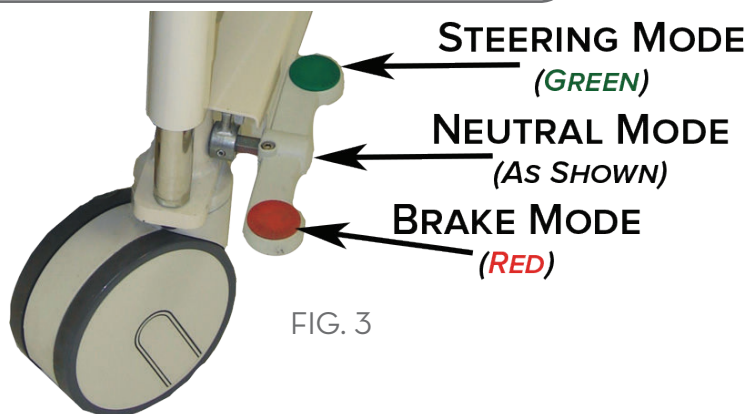
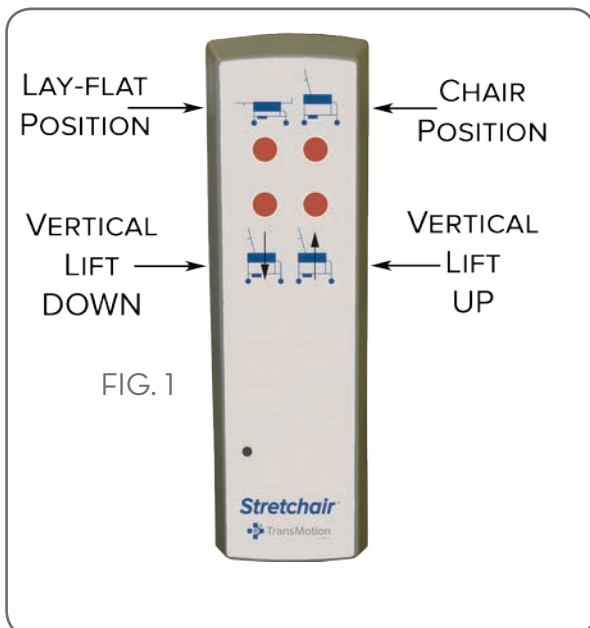
FIG. 3

OPERATING INSTRUCTIONS CONTINUED

TRANSFERRING OCCUPANT FROM THE STRETCHCHAIR® TO A BED

NOTE: Always follow facility protocols.

1. If in chair position, adjust the Stretchchair® to the lay-flat position (see page 15).
2. In the lay-flat position, place the Stretchchair® as close as possible to the bed or procedure table you are transferring the occupant to.
3. Using the handset control (FIG. 1), adjust the height of the Stretchchair® to match the height of the bed or procedure table.
4. Completely lower the arm rest on the transfer side of the chair ONLY (FIG. 2).
5. Lock wheels (FIG. 3, Brake Mode).
6. Transfer the occupant to the bed or procedure table using facility protocols and the appropriate number of attendants to ensure a safe transfer. *A transfer board or sheet may be used for easier transfer.



MAINTENANCE

BATTERY & CONTROL BOX

INDICATORS & CHARGING DISPLAY

The LCD display on the Control Box shows the current battery capacity to indicate remaining battery charge (FIG. 1).

- **WHEN CHARGING**, the Green "ON" and Orange "CHARGE" LED lights are lit. A PLUG symbol will also appear on the Control Box LCD display. (FIG. 1).
- **WHEN FULLY CHARGED**, the Orange "Charge" LED light will turn OFF.
- **WHEN CHARGING CORD IS UNPLUGGED**, ALL LED lights will turn OFF and the battery capacity will appear on the Control Box LCD (FIG. 2).

FIG. 1



FIG. 2



IMPORTANT

- Battery **MUST** be fully charged **PRIOR** to **FIRST** use.
- Battery should be charged before each shift.
- Do not operate chair with less than 25% battery charge level.
- An extra battery can be stored in the tray in case of power failure.
- Push the **RED** emergency button to stop **ALL** electrical operations.



IN CASE OF EMERGENCY



- When activated a **STOP** and **PLUG-IN** icon will appear (FIG. 1).
- To continue operation twist the **RED** button clockwise.

OWNERS OPERATING & MAINTENANCE MANUAL

STRETCHAIR® BARIATRIC STRETCHER-CHAIR

MAINTENANCE: BATTERY / CONTROL BOX CONTINUED

BATTERY INSTALLATION

1. Locate the battery bracket and control box positioned on the back side of the chair frame (FIG. 1).
2. Align the battery guides (FIG. 2B) with battery bracket and slide the battery connectors (FIG. 2C) into the control box.
3. Push opposite end of battery in and ensure that the battery release handle (FIG. 2A) locks into place (FIG. 3).

BATTERY REMOVAL

1. While holding the battery with both hands, pull the battery release handle (FIG. 2A).
2. Slide the battery to the left and then out.

! IMPORTANT

- To charge battery, **BE SURE** the emergency stop is in the "OUT" position. *Battery **WILL NOT** charge if the emergency stop is engaged.
- Keep occupant away from Stretchair® while it's charging.
- Battery **MUST BE** fully charged prior to **FIRST** use.
- Battery should be charged before each shift.
- Do not operate chair with less than 25% battery charge level.
- An extra battery can be stored in the tray in case of power failure.
- **DO NOT** allow chair to run with less than a 50% charge **WITHOUT** a battery back-up.
- Battery can **NOT** be overcharged using the charging unit and instructions provided.

FIG. 1



BATTERY (FRONT)



BATTERY (REAR)

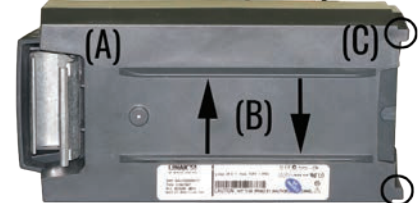


FIG. 2



FIG. 3



MAINTENANCE INSTRUCTIONS CONTINUED

REPLACING MONARCH HYDRO-POWER UNIT

NOTE: Service must ONLY be performed by qualified personnel using Winco authorized parts.

1. Unplug unit from any power source.
2. Place chair in the lay-flat position (see page 15) with the vertical lift in the **LOWEST** position (FIG. 1).
3. Remove battery.
4. Unplug the Monarch Power cord from the battery control box (FIG. 2).
5. Locate the Power Unit positioned under the upholstered seat (FIG. 3).
6. Remove the **five (5)** screws and **ALL** nylon ties securing the Power Unit to the chair frame.
7. Lift, rotate, and remove unit from the chair frame.
 - Be sure to keep the Power Unit vertical (brass fittings up) to avoid oil spillage.
8. Carefully unscrew all **four (4)** brass fittings from the Power Unit (FIG. 4).
9. Dispose of the old Power Unit carefully.
10. Cut black tubing to remove old threaded fitting (FIG. 5).
11. Slide the black tube through the new threaded fitting.
12. Insert tubing into the open Hydro Power Unit port.
13. Slide the new threaded fitting onto the Hydro Power Unit port and tighten to a snug fit (FIG. 4).
14. Repeat steps 8-11 for all **four (4)** port fittings.
15. Reattach battery.
16. Remount Power Unit to base frame.
17. Insert the Monarch Power cord into the battery control box (FIG. 2).
18. Test the new unit by running the vertical lift up and down 2-3 times.



FIG. 1

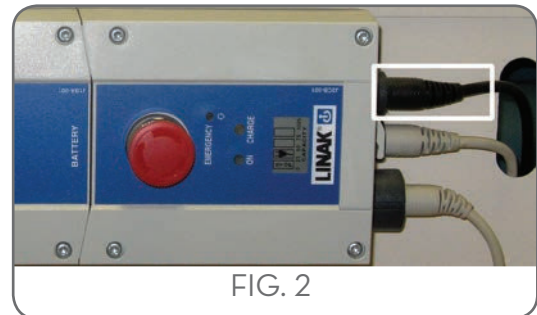


FIG. 2

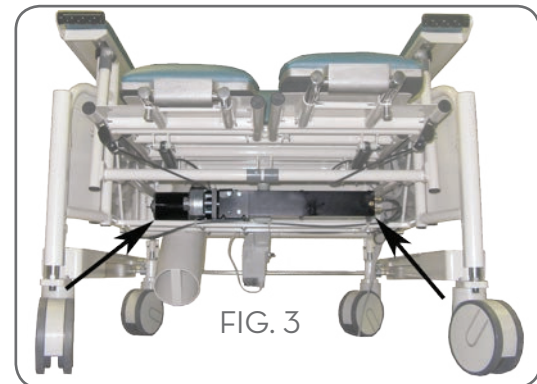


FIG. 3

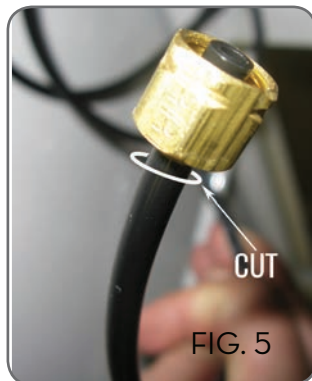


FIG. 5

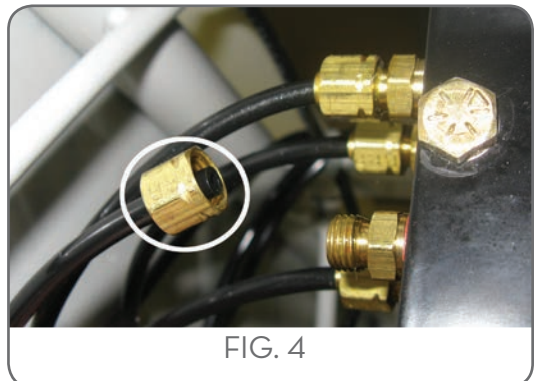


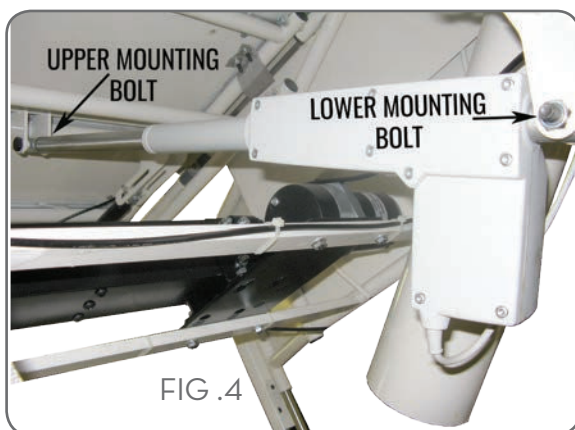
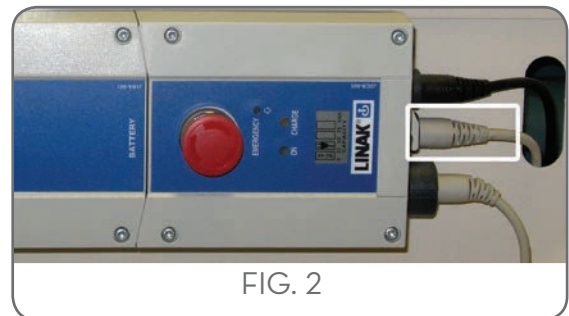
FIG. 4

MAINTENANCE INSTRUCTIONS CONTINUED

REPLACING THE ACTUATOR

NOTE: Service must ONLY be performed by qualified personnel using Winco authorized parts.

1. Unplug unit from any power source.
2. Place chair in the lay-flat position (see page 15) with the vertical lift in the **HIGHEST** position (FIG. 1).
3. Remove battery.
4. Unplug the Actuator cord from the battery control box (FIG. 2).
5. Locate the Actuator positioned just behind the Monarch Power Unit (FIG. 3).
6. Cut **ALL** nylon ties securing the Actuator's power cord to the chair frame.
7. Remove the upper mounting bolt and spacers (FIG. 4).
8. Remove the lower mounting bolt and spacers (FIG. 4).
9. Carefully remove the old Actuator.
10. Reattach battery.
11. Position the new Actuator and install the **LOWER** mounting bolt and spacers provided.
12. Remove battery.
13. Plug-in the new Actuator cord to the battery control box (FIG. 2).
14. Using the handset control, press the lay-flat positioning button to extend the actuator shaft to match the upper mounting bracket holes.
15. Position and install the upper mounting bolt and spacers (FIG. 4).
16. Secure the Actuator powercord to the chair frame with the nylon ties provided.
17. Reattach battery and test unit.

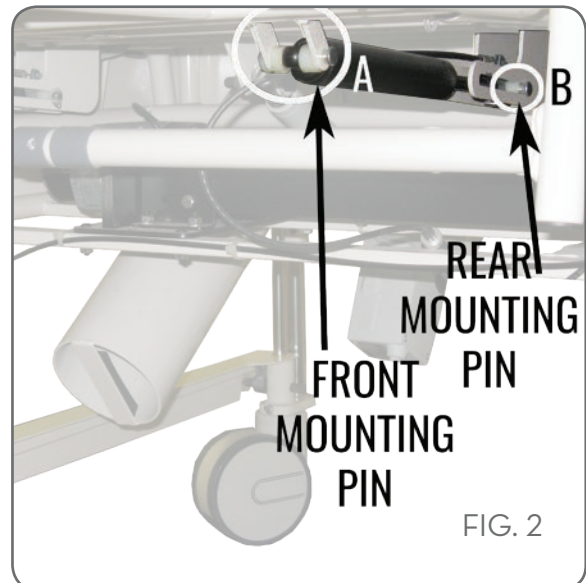


MAINTENANCE INSTRUCTIONS CONTINUED

REPLACING THE SWING-LEG GAS SPRING

NOTE: Service must ONLY be performed by qualified personnel using Winco authorized parts.

1. Unplug unit from any power source.
2. Remove battery.
3. Fully elevate the legrests for easier access to the gas springs (FIG. 1).
4. Remove the swing-leg release handle by unscrewing the hex-head bolt (FIG. 1).
5. Locate the **two (2)** gas springs positioned above the Monarch Power Unit.
6. Remove the front mounting pin and spacers first (FIG. 2A) and then the rear mounting pin and spacers (FIG. 2B). Keep for re-use.
7. Discard old gas spring.
8. Attach the front of the new gas spring using original pin and spacers.
9. Attach the rear of the new gas spring **WITHOUT** any spacers.
10. Make sure the legrest with the new gas spring is level with the opposite legrest.
 - If the new gas spring requires adjustment, remove the rear pin and adjust.
 - Turn the casting **LEFT** to raise and **RIGHT** to lower.
11. After adjustment is complete, attach the rear of the gas spring with **BOTH** pin and spacers.
12. Reattach the swing-leg release handle (FIG. 1).
13. Reattach battery and test.



GENERAL CARE & CLEANING

- Periodically inspect tightness of all screws, bolts, nuts, or other fasteners every year.
- Lubricate pivot points on back, seat, and legrest pivot points with a lubricant approved by your facility every year.

Winco Mfg., LLC's full-line of products are durable and reliable when properly cared for.

All Winco products should be:

1. Cleaned
2. Disinfected (per facility policy)
3. Rinsed
4. Allowed to air dry

Note: Disinfecting a product is not the same as cleaning the product. Disinfectants alone will not provide adequate cleaning. They do not have grease or oil cutting properties to remove grime, hair, or skin oils. The appearance, feel, and performance of your upholstery may diminish if not cleaned properly.

CLEANING

Winco chairs should be cleaned with mild soap and water solution and a damp cloth on a regular basis. Avoid harsh detergents or chemicals that could damage the upholstery or finish of your chair. If the upholstery is disinfected with chemicals or bleach mixtures, the chair **MUST** be wiped off using only clean water on a damp cloth and then air dried. Failure to rinse upholstery with clean water can result in build-up of residue. Over time residue can dry out the upholstery and cause changes to the look and feel of the upholstery, leading to cracking.

Please refer to instruction labels or tags included with your product for complete care and cleaning instructions. Retain information on the label or tag for future use.

Additional information for cleaning products with Winco Mfg., LLC's selection of vinyls can be found on our suppliers website at: <https://spradlingvinyl.com/resource-library>.

For custom vinyl, please refer to the manufacturer's instructions.



Use caution cleaning in and around moving parts. Keep hands clear of pinch points and metal edges or injury may occur. Disconnect power cord and battery before cleaning this product. NEVER clean or maintain your chair while it is occupied or injury may occur. Do not allow any liquid to penetrate electrical components. NEVER use a high pressure cleaner, wash tunnel, or "hose down" method to clean this product. Liquid may cause damage to the product and void your warranty.

IMPORTANT ALWAYS REFER TO THE WEIGHT CAPACITY LABEL ON YOUR CHAIR.
WEIGHT RATING SHOULD NOT BE EXCEEDED.

SPECIFICATIONS

MODEL: S550



SEAT HEIGHT	22" (55.8 CM.)
SEAT WIDTH	25" (63.5 CM.)
SEAT DEPTH	20" (50.8 CM.)
OVERALL HEIGHT	53.5" (135.9 CM.)
OVERALL WIDTH	34" (86.3 CM.)
BACK HEIGHT ABOVE SEAT	31.5" (80 CM.)
OVERALL LENGTH (LAY-FLAT)	72" (182.8 CM.)
VERTICAL LIFT (LAY-FLAT)	30" - 38" (76.2 CM. - 96.5 CM.)
RANGE OF BACK ANGLE (POWERED)	80° - 0° (flat)
WEIGHT	290 LBS. (131.5 KG.)
WEIGHT CAPACITY	550 LBS. (248 KG.)

MODEL: S999



SEAT HEIGHT	22" (55.8 CM.)
SEAT WIDTH	31" (78.7 CM.)
SEAT DEPTH	20" (50.8 CM.)
OVERALL HEIGHT	53.5" (135.9 CM.)
OVERALL WIDTH	40" (101.6 CM.)
BACK HEIGHT ABOVE SEAT	31.5" (80 CM.)
OVERALL LENGTH (LAY-FLAT)	72" (182.8 CM.)
VERTICAL LIFT (LAY-FLAT)	30" - 38" (76.2 CM. - 96.5 CM.)
RANGE OF BACK ANGLE (POWERED)	80° - 0° (flat)
WEIGHT	312 LBS. (141.5 KG.)
WEIGHT CAPACITY	1,000 LBS. (453 KG.)

MODEL: S750



SEAT HEIGHT	22" (55.8 CM.)
SEAT WIDTH	28" (71.1 CM.)
SEAT DEPTH	20" (50.8 CM.)
OVERALL HEIGHT	53.5" (135.9 CM.)
OVERALL WIDTH	37" (93.9 CM.)
BACK HEIGHT ABOVE SEAT	31.5" (80 CM.)
OVERALL LENGTH (LAY-FLAT)	72" (182.8 CM.)
VERTICAL LIFT (LAY-FLAT)	30" - 38" (76.2 CM. - 96.5 CM.)
RANGE OF BACK ANGLE (POWERED)	80° - 0° (flat)
WEIGHT	303 LBS. (137.4 KG.)
WEIGHT CAPACITY	750 LBS. (340 KG.)

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SPECIFICATIONS (CONTINUED)

MODEL: MC675CL



SEAT HEIGHT	22" (55.8 CM.)
SEAT WIDTH	28" (71.1 CM.)
SEAT DEPTH	20" (50.8 CM.)
OVERALL HEIGHT	53.5" (135.9 CM.)
OVERALL WIDTH	37" (93.9 CM.)
BACK HEIGHT ABOVE SEAT	31.5" (80 CM.)
OVERALL LENGTH (LAY-FLAT)	72" (182.8 CM.)
VERTICAL LIFT (LAY-FLAT)	30" - 38" (76.2 CM. - 96.5 CM.)
RANGE OF BACK ANGLE (POWERED)	80° - 0° (flat)
WEIGHT	303 LBS. (137.4 KG.)
WEIGHT CAPACITY	675 LBS. (340 KG.)



INDEPENDENT U.S. PRODUCT-SAFETY TESTING
CERTIFICATION BY NATIONALLY RECOGNIZED
TESTING LABORATORY (NRTL)

***ONLY MODEL MC675CL IS TUV UL 60601-1:2003
R4.06, CAN/C22.2 No. 601.1-M90 CERTIFIED.**

WARRANTY INFORMATION

TRANSMOTION BY WINCO LIMITED WARRANTY

Winco Mfg., LLC provides the following Limited Warranty covering defects in material and workmanship on TransMotion by Winco products:

- **Seven-Year / Lifetime Warranty:** Frames / Welds.
- **Two-Year Warranty:** Components.

The Limited Warranty period begins when the product is delivered to the Buyer.

The Limited Warranty applies when the product is used and cared for as specified by Winco Mfg., LLC. If the product is not used and cared for as specified, the Limited Warranty is void. Adjustments under this Limited Warranty will be made only after completion of inspection of the part or product by Winco Mfg., LLC. Winco Mfg., LLC's liability under the Limited Warranty shall extend only to the replacement of any defective component or product determined by Winco Mfg., LLC's inspection as not conforming to this Limited Warranty.

Winco Mfg., LLC's liability for any defects in goods is limited to invoice price or replacement cost of the defective goods, whichever is lower. This Limited Warranty excludes any labor charges arising from such replacement. The following goods are excluded from the Limited Warranty: 1) Batteries.

The Limited Warranty for any goods sold as a "demonstration" unit shall be limited to a period of one (1) year.

** An Extended Limited Warranty is available for **PURCHASE** any time **PRIOR-TO** the expiration of the TransMotion By Winco Limited Warranty. Contact our Customer Care team for additional details.

**VISIT OUR WEBSITE (WINCOMFG.COM) TO VIEW OUR FULL LINE OF
MEDICAL FURNISHINGS AND STRETCHER-CHAIRS.**

**ADDITIONAL COPIES OF THIS MANUAL AND OTHER PRODUCT DOCUMENTS ARE
AVAILABLE FOR DOWNLOAD VIA THE RESOURCES SECTION OF OUR WEBSITE.**

SPECIFICATIONS SUBJECT TO CHANGE

While we endeavor to maintain consistent products, due to conditions beyond our control, specifications are subject to change without notice. We reserve the right to add or delete products at any time and without prior notice. Always provide your product's specific serial number when ordering any replacement parts. When in doubt, contact a Winco representative (352-854-2929 or 1-800-237-3377) for further information.

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CONTACT US

To arrange a demonstration or to speak with one of our associates, please feel free to contact us at:
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