

recliner

# Harmony

C Series

FOCUSED ON WHAT MATTERS



SPECIALTY  
HEALTHCARE



INSTRUCTION MANUAL

[lpamedical.com](http://lpamedical.com)

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# A WORD OF THANKS

Congratulations and thank you for purchasing your chair from LPA Medical.

Since 1989, LPA Medical has been dedicated to designing and manufacturing chairs to meet the most demanding requirements of the healthcare community. Our products are designed with comfort and durability in mind for both long-term and short-term uses. We are proud to manufacture quality products that incorporate advanced features into an aesthetic design that helps maintain the user's dignity and well-being.

Please read this instruction manual carefully and consult it often to maximize the benefits of your LPA chair. If you have any questions after reading it, do not hesitate to contact your LPA representative, contact us directly through our website, or use our phone number, listed below.

We hope that you enjoy your LPA Medical chair and we thank you for your business.

Bryan Welch  
President

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# REPLACEMENT PARTS AVAILABILITY POLICY

LPA Medical's replacement parts availability policy ensures parts for at least 10 years after the purchase of your LPA product, which makes it:

- An eco-friendly purchase. If anything breaks, you know that replacement parts will be available for a long time. Why throw your chair away when you can fix it?
- An economical purchase. You'll enjoy substantial savings due to your LPA chair's enhanced durability.

In addition, we are proud to provide one of the most comprehensive warranties on the market.

## GENERAL INFORMATION

This document is a guide for the use and maintenance of your LPA chair. It is important that anyone using the chair reads it in its entirety.

It is the responsibility of caregivers, including family or loved ones using this chair, to follow the instructions in this manual at all times and to ensure proper care and maintenance of the LPA chair.

**LPA Medical Inc.** accepts no responsibility for any breakage, incident, injury, damage or accident caused by improper use, failure to safely maintain the chair in good operating condition through any unauthorized modification of the chair, failure to follow instructions in this manual or any other use deemed abnormal.

LPA products are not designed to be pressure-washed or washed in automatic wheelchair washers.

LPA products are not designed to be used outdoors or to be used in the shower.

## DEFINITIONS

### **Adjustments (height, depth, backrest angle)**

Functions to configure the chair to fit different body types.

### **Patient or user**

The chair's end-user; the person receiving the care.

## SAFETY MEASURES

The Harmony chair's assignment, its positioning adjustments and mobilization maneuvers must have performed by trained professionals. Caregivers must have received adequate training from an LPA Medical representative or by a third party who has received such training before using the chair. This instruction manual will be used as a reference for continuing education. It is strongly recommended that a caregiver be appointed for training and to maintain an up-to-date list of those who have received it. For the patient's safety, anyone who has not received proper training should not be allowed to operate the chair.

## APPLICATIONS

The Harmony chair is designed for users in various short-term care departments. It facilitates blood sampling and clinical treatments. Its combined backrest recline and leg support elevation feature is similar to residential recliners that provide a comfortable and restful reclined position. The Harmony chair allows clients in long-term care, palliative care, and home care to be in a sitting or reclined position for long periods of time.



The Harmony chair is not designed to be cleaned with a pressure washer or an industrial washing machine. Such practices can lead to component rust and void warranties. In addition, LPA chairs are not designed for outdoor use.



The Harmonie chair must be used with accessories specifically designed for it by **LPA Medical Inc.** It must be used in accordance with recognized health and safety practices.

## INSPECTION BEFORE USE

The chair can be shipped fully assembled or partially assembled. It must be inspected when unpackaged and you must notify your supplier if there is any damage or missing parts/accessories so that the situation is remedied before taking possession.

## RISK PREVENTION

It is important to always apply the brakes when the chair is not in motion and during transfer maneuvers to the chair. When the chair is unused, always leave it in a closed position with the brakes applied.

Adjustments to accommodate different body shapes must be made properly by a qualified person or supervised by this person. In cases where the patient is restless, in-chair behavior should be observed to assess the risks. In addition, the chair must not be placed within reach of guardrails, bed rails or fixed objects that could be gripped and cause a tip-over, or to avoid a possible pinch point. Note that for these cases the patient should always be under assistance and supervision. These measures are necessary for patient safety. Using the table for restraint purposes is prohibited and can lead to situations of choking that may cause death.

**IMPORTANT NOTE:** The Harmony chair's design does not permit the use of any support, positioning, or restraint belt. The use of a belt in this chair could result in choking situations that could result in death..

## IMPROPER USES

- Manipulating the chair without proper training.
- Moving the chair without using the directional wheel.
- Using it for a patient without professional assignment.
- Making adjustments without supervision or prior training.
- Leaving an at-risk patient in an unsafe area or without supervision.
- Sit on the leg rest when the user is in the chair.
- Performing resuscitation maneuvers.
- Exceeding the recommended weight limit.

## CLEANING

Follow the selected covering manufacturer's recommendations for cleaning. Check with your supplier that the products you use are compatible.

- ✘ The chair should not be pressure-washed or placed inside a washing machine. These practices may cause the chair components to rust internally, as well as deteriorate the adjustment components, thus voiding the LPA chair warranty.

## MAINTENANCE

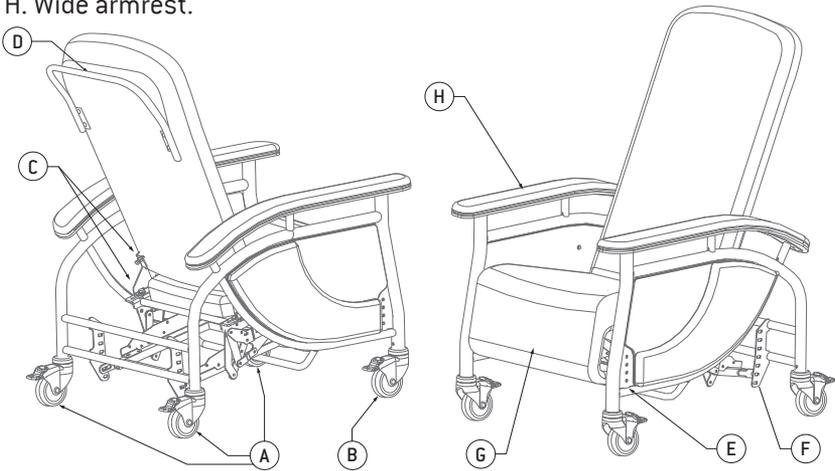
To ensure maximum use of the chair, it must be kept clean and the parts properly adjusted. Vinyl surfaces must be cleaned with products recommended by the manufacturer. The outer metal parts of the chair should be cleaned as needed, using the same solution as for the surfaces.

As long as the recommendations for use and cleaning are followed, the Harmony chair does not require preventive maintenance. Some parts will need to be replaced for normal wear and tear over years of use.

# OPERATING FUNCTIONS

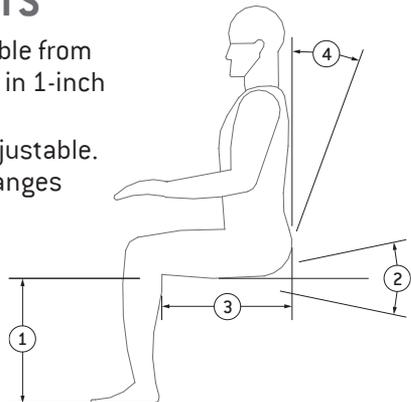
The main components for safe use of the chair are:

- A. Swivel wheel with brake.
- B. Swivel wheel with directional lock.
- C. Seat depth and backrest angle adjustment.
- D. Push bar.
- E. Seat height front adjustment.
- F. Seat height rear adjustment.
- G. One-piece seat and leg-rest cushion.
- H. Wide armrest.



# POSSIBLE ADJUSTMENTS

- 1. The seat-to-floor height is adjustable from 17 1/2" to 20 1/2" (44 cm to 52 cm) in 1-inch increments.
- 2. The initial seat-to-floor angle is adjustable. Depending on the seat height, it ranges from 0 to 19 degrees.
- 3. The seat depth is adjustable from 17" to 18 1/2" (43 cm to 47 cm).
- 4. The initial seat/backrest angle is adjustable from 5 to 18 degrees.



# ADJUSTMENT AND OPERATING INSTRUCTIONS

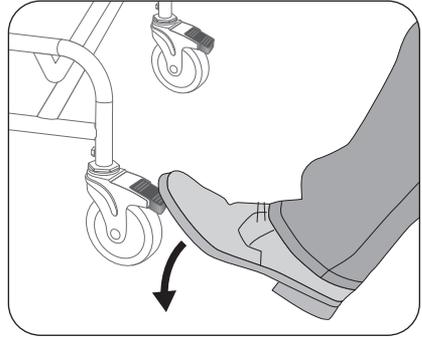
## WHEELS

The Harmony chair is equipped with 3 swivel wheels with brakes and red activation levers, and a swivel wheel with directional lock and a green activation lever.

### To apply the brakes

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1. Use your foot to push down the red activation levers on both rear wheels and on the left front wheel.

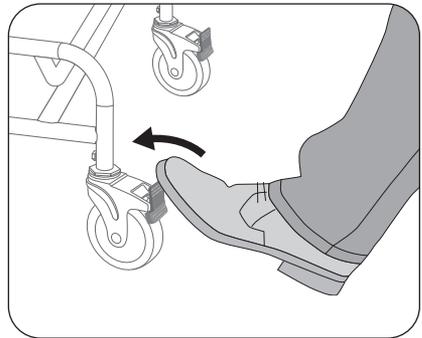


**⚠ WARNING: BEFORE HANDLING OR MAKING ADJUSTMENTS, ALL 3 BRAKES MUST BE APPLIED AS SOON AS THE CHAIR IS NOT USED FOR MOVING SO THAT IT REMAINS STABLE.**

### To release the brakes

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1. Use your foot to lift up the red activation levers on all three wheels.



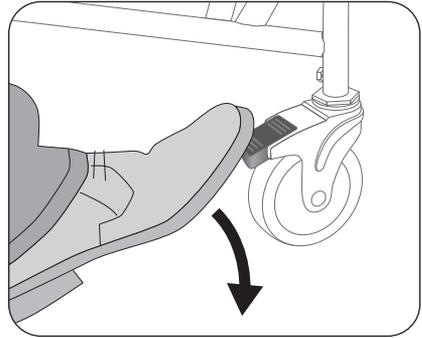
**⚠ WARNING: NEVER MOVE THE CHAIR WHEN THE BRAKES ARE APPLIED, DAMAGE, INJURY OR DEATH COULD RESULT.**

### Use of the directional lock activation lever

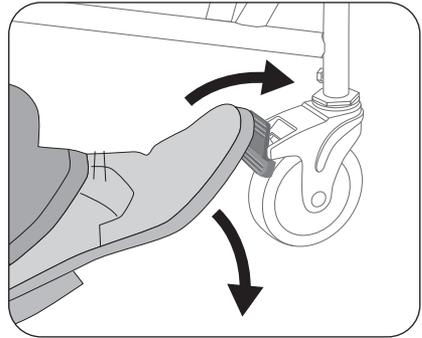
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The swivel wheel with directional lock is located on the right front and equipped with a green activation lever.

1. Use your foot to push down on the green activation lever to lock rotation.



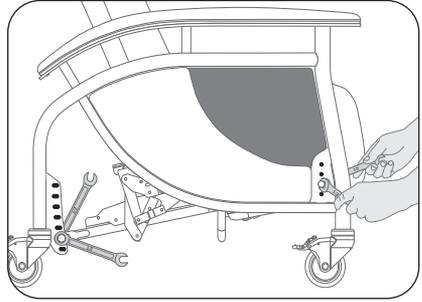
2. Use your foot to lift up on the green activation lever to allow free rotation of the wheel.



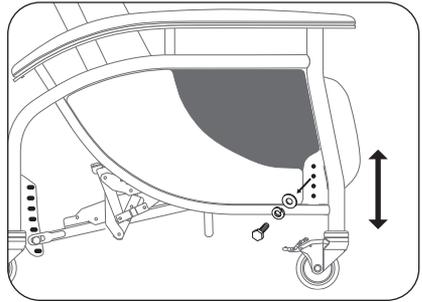
The swivel wheel's directional lock feature helps moving the chair in a straight line over longer distances. Its forward position allows the chair to be maneuvered while minimizing risk of injury to the caregiver. Moving a chair using the rear wheels to initiate turns requires a little practice but ensures that the patient's weight has little impact on the effort to turn. Keep in mind that you should only initiate a turn when the front half of the chair has passed the intersection. In addition, always keep at least 12 inches (30 cm) away from the walls while moving to maintain the flexibility needed to correct the trajectory.

## SEAT-TO-FLOOR HEIGHT

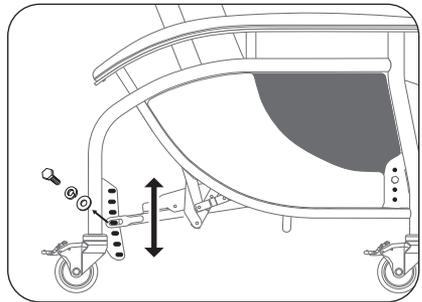
1. Determine if the seat needs to be raised or lowered.
2. Using two  $\frac{1}{2}$ " (13 mm) wrenches, loosen the 4 bolts (2 front and 2 rear) that maintain the seat support. **DO NOT REMOVE THEM.**



3. Remove the 2 front bolts and position the seat support at the desired height. **BE SURE THAT BOTH SIDES ARE THE SAME LEVEL.** Replace the bolts along with the flat washers and the lock washers.



4. Remove the 2 rear bolts and position the seat support at the desired height in order to get the proper seat angle. **BE SURE THAT BOTH SIDES ARE THE SAME LEVEL.** Replace the bolts along with the flat washers and the lock washers.



5. **PROPERLY TIGHTEN** the 4 sets of bolts.

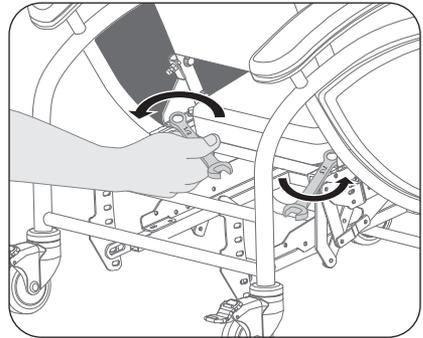


The height adjustment (from  $17 \frac{1}{2}$ " to  $20 \frac{1}{2}$ ") is done according to the length of the user's lower leg. It is important that the user's hips, knees and ankles are at 90 degrees. Their feet must make good contact with the floor.

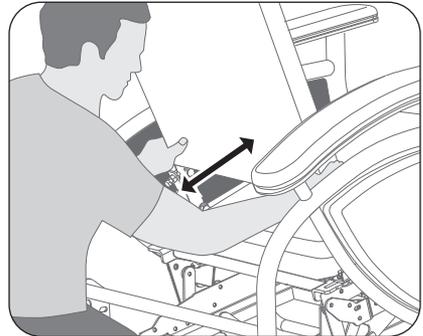
## SEAT DEPTH

**⚠ WARNING: THE CHAIR MUST BE UNOCCUPIED WHEN MAKING THIS ADJUSTMENT.**

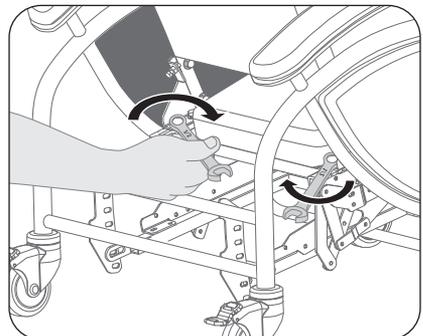
1. Using a  $\frac{1}{2}$ " (13 mm) wrench, loosen (DO NOT REMOVE) the 2 bolts from each side behind the seat.



2. Adjust to the desired depth by moving the backrest on the seat slides and re-tighten the bolts. Adjust both sides to the same depth.



3. Re-tighten the bolts you had loosened on both sides.

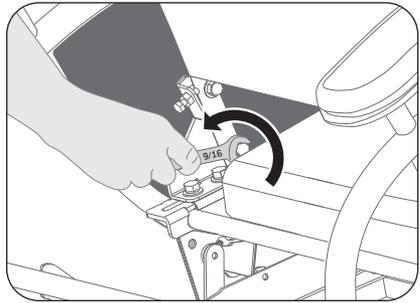


**👤** The seat depth adjustment (from 17" to 18  $\frac{1}{2}$ ") is done according to the length of the user's leg. It is important that the back of the knee (called the popliteal fossa) has clearance. Adjust the seat depth so that you can slide a hand easily between the knee and the seat cushion. This adjustment will provide good seat and back contact with the backrest.

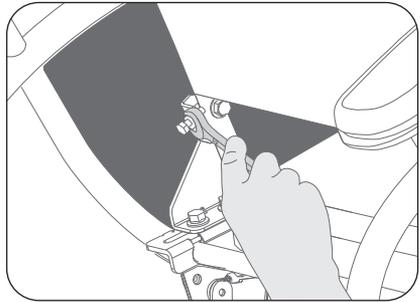
## BACKREST ANGLE

**⚠ WARNING: THE CHAIR MUST BE UNOCCUPIED WHEN MAKING THIS ADJUSTMENT.**

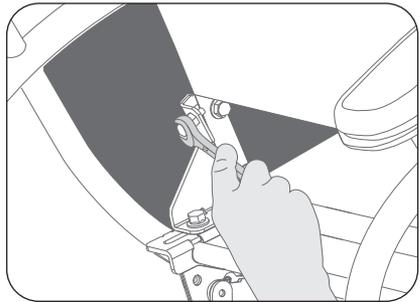
1. Using a  $\frac{9}{16}$ " (14 mm) wrench, loosen (DO NOT REMOVE) the 2 nuts on each side behind the backrest.



2. To adjust the backrest angle, loosen the locking nuts (one on each side).



3. Tighten or loosen the pressure bolt behind the backrest support (one on each side) depending on the desired angle.



4. Tighten the locking nuts on each side that had been loosened.

**👤** The backrest angle adjustment can vary from 95 to 108 to accommodate the shape of a user's back. Adjust the backrest tilt for a comfortable position with the lower back supported as well as the head so that there is a good field of vision in front of you.

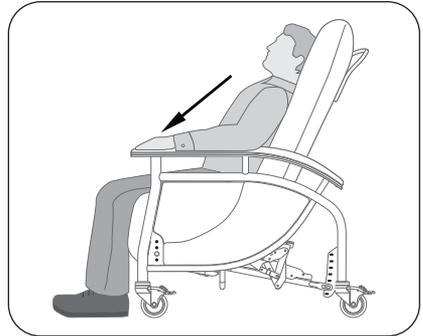
A cervical support (optional) can be used; it attaches to the backrest with a strap. The cervical support must be placed at the base of the head and neck in order to fill the void based on the user's comfort.

# BACKREST TILT AND LEG REST ELEVATION

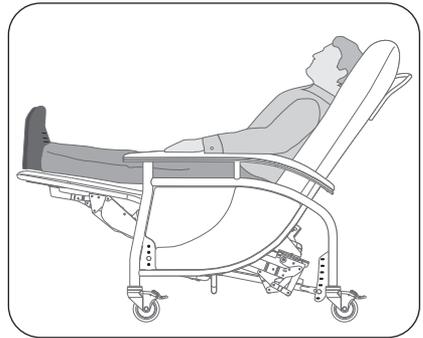
 The brakes **MUST BE APPLIED AT ALL TIMES** except when moving the chair.

## ACTIVATION BY USER

1. In order to activate the leg rest, once seated in the chair, apply pressure to the armrest with your arms to push your body backwards. This will activate the mechanism and open the leg rest.

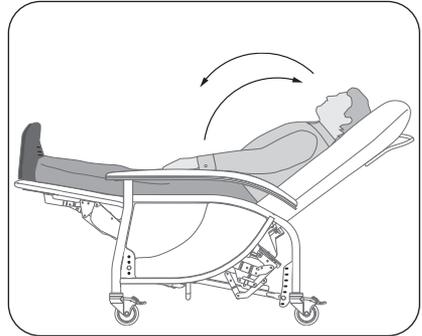


2. To tilt the backrest, move your upper body backwards while pushing on the armrests with your arms.

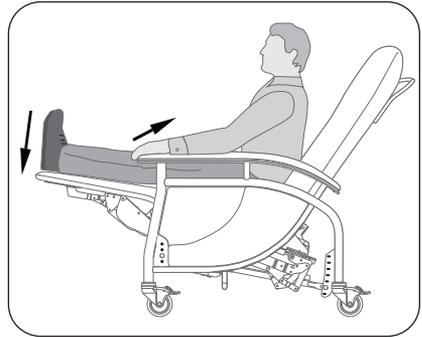


## UPRIGHTING BACKREST BY USER

1. To return the backrest upright, move your upper body forward while pulling slightly on the armrests with your arms.



2. To close the leg rest, apply downward pressure with your legs on the leg rest. Pull lightly on the end of the armrest simultaneously with your hands so that the footrest is placed under the seat.

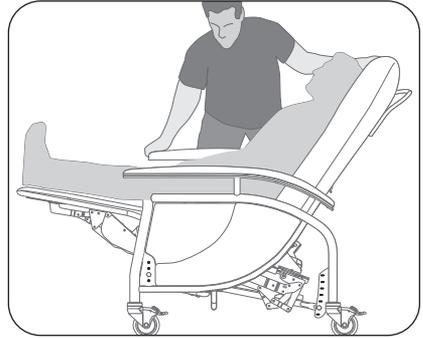


## ACTIVATION BY CAREGIVER

1. The caregiver stands beside the chair at the user's height and faces the chair.

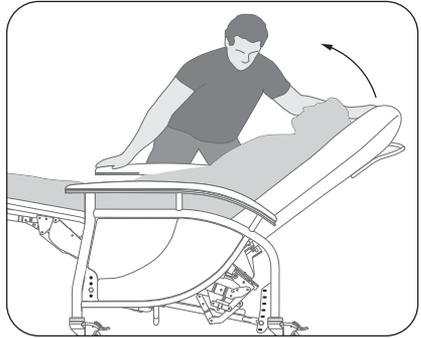


2. The caregiver then pushes back on the backrest with one hand while the other hand leans on the armrest while transferring their weight from one leg to the other. This maneuver will cause the backrest to tilt backwards while rising the leg rest simultaneously.



## UPRIGHTING BACKREST BY CAREGIVER

1. The caregiver stands beside the chair at the user's height and faces the chair. They then pull the backrest upright with one hand while the other hand leans on the armrest, while making a slight lateral weight transfer from one leg to the other. This maneuver will upright the backrest.



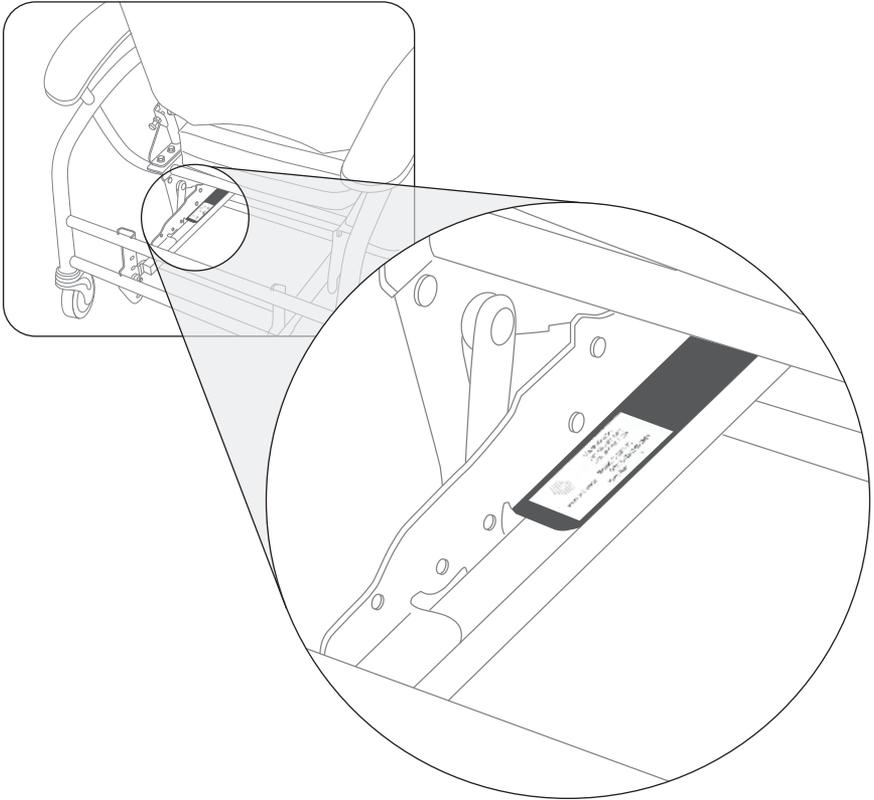
2. The caregiver squats with their back straight and pushes down on the center of the leg rest to lower it down and store it under the seat.



## SERIAL NUMBER LOCATION

Each **LPA Medical Inc.** chair is identified by a serial number. Always provide your LPA chair's serial number when ordering replacement parts.

The serial number can be found on a label attached to the left beam under the seat.



# OPTIONS AND ACCESSORIES

<b>Code</b>	<b>Description</b>
C-C1	Left- and/or right-side tray
C-C2	Height-adjustable elbow supports
C-C3	IV pole with rear installed bracket
C-C3A	IV pole with front installed bracket
C-C3B	1/2" IV pole adapter
C-C4	Elevated foot cushion
C-C5	Set of 4 swivel wheels with brakes
C-C6	Self-storing and removable footrests
C-C7	Lateral comfort cushions
C-C8	Activity tray
C-C9	Lateral support for activity tray
C-C10	Pre-Cure® pro cushion with matching vinyl leg rest
C-C11	Inclined armrest for blood sampling
AB-08-H	Contoured headrest
AC-04	Leatherette padded tray cover
RB-18	Cervical support
RA-03	Lateral table straps (not a restraining device)
RA-03A	Wrap around table strap (not a restraining device)
RA-23	10 cm (4") lateral trunk supports with backrest canvas
RA-24	15 cm (6") lateral trunk supports with backrest canvas

\* Always specify the color, width, fabric pattern and serial number of the Harmony chair when ordering replacement parts. See page 18 for the location of the serial number. Replacement parts may have slight color differences from those of the original chair. LPA Medical cannot be held responsible for these differences.

# ADDITIONAL ERGONOMIC RECOMMENDATIONS



## GETTING UP

To get up from the Harmony chair more easily (always do so in the presence of a trained person):

- Apply all the brakes.
- Bring the backrest upright and lower the leg support under the seat for transfer preparation.
- Slide your buttocks to the front of the chair.
- Bring your feet under the seat.
- Place your hands on the armrests.
- Lean forward while looking straight ahead.



## SITTING DOWN

To sit down in the Harmony chair safely (always do so in the presence of a trained person):

- Stand in front of the chair and back up until the chair touches the back of your knees.
- Bend your knees and place your hands on the armrests while sitting in the seat.
- Slide your buttocks to the back of the chair.

# TERMS & CONDITIONS

APPLICABLE TO PRODUCTS PURCHASED AS OF SEPTEMBER 1, 2018

## GENERAL

**LPA Medical inc.** reserves the right to modify without notice or obligation the design, specifications and prices of the equipment it manufactures. Shipping is charged at the current price at the time of delivery.

The minimum order requirement is \$25.

## DAMAGE DURING TRANSPORTATION

All goods damaged by transport must be immediately reported upon delivery, followed by a written claim within five (5) days. A copy of the claim must be sent to LPA. Any unreported damage during this period will void the **LPA Medical Inc.** warranty.

Additional costs of handling and/or using a platform when unloading may apply and are at the customer's expense.

## RETURNS

Merchandise to be returned must have prior written authorization from our Customer Service Department. All return requests must contain the following information:

- The reason(s) for the return.
- The LPA invoice number or delivery slip.
- The LPA model or part number.
- The number of items being returned.

Unauthorized returns will not be accepted. All authorized returns must be shipped pre-paid except where there has been an error in processing or a defect in materials or workmanship. In this case, contact **LPA Medical Inc.** for special instructions.

## GENERAL WARRANTY

The **LPA Medical Inc.** warranty covers manufacturing defects for the original owner/user, except for the exclusions below, for the periods below from the date of purchase:

Useful life\* for the metal structure of the chairs.

5 years on the wooden structures of self-locking rocking chairs **Thera-Glide® models W and T.**

3 years for the backrest mechanism of **Thera-Glide®** self-locking rocking chairs.

3 years on the padding of the chairs.

2 years for all other mechanisms, gas or mechanical locking cylinders, control cables, wheels, table trays.

1 year on all accessories purchased separately from chairs and replacement parts.

If a part is missing, contact our customer service with the following information:

1. Model, serial # and part #.
2. Purchase date and invoice number.
3. Description of the problem.

\* The useful lifespan of an LPA chair is estimated to be 10 years.

## OUR COMMITMENT

**LPA Medical inc.** agrees to provide replacement parts for a period of 10 years after the date of purchase of the product. **LPA Medical Inc.** reserves the right to provide replacement parts with a different design than that of the replaced part, at its sole discretion.

**LPA Medical Inc.'s** obligation is expressly limited to correcting the defect by adjusting, repairing or replacing the equipment, at LPA's sole discretion.

## EXCLUSIONS

- Normal wear and tear.
- Water or fire damage, including damage from pressure washers and automatic wheelchair washers.
- Rust and damaged covering.
- Unauthorized repair or modification or done with parts other than the original ones.
- Damage resulting from abnormal or abusive use.
- Damage caused by exposure to weather.

# PARTS LIST

N°	Code	Description
1	CP-1100-20	C-207 Base frame
2	CP-1210-20	C-207 Mechanism support structure
3	CP-1220-20	C-207 Seat frame
4	CP-1230P	C-207 pair of mechanisms
5	CP-1310-20	C-207 Backrest adjustment crossbeam
6	CP-1320P	C-207 Backrest adjustment plates (pair)
7	CP-1325-20	C-207 Backrest structure
8	CP-1326-20	C-207 Push bar
9	PE65019	Right plastic side panel
10	PE65020	Left plastic side panel
11	PE65021	Inner plastic leg rest plate
12	PE65022	Front plastic leg rest plate
13	PE65024	Middle plastic leg rest plate
14	PE65028	Plastic armrest protection
15	SW-05	4" (10cm) swivel wheel with brake
16	SW-10	4" (10cm) directional wheel
17	CU-01	Backrest elastic bands (6)
18	CU-02	C-207 Backrest cushion*
19	CU-03	C-207 Seat cushion*
20	CU-04	C-207 Armrest cushion (single)*
21	CU-06	C-207 Upholstered side panels (pair)*
22	CU-07-R	C-207 Black vinyl elbow cushion, right (C-C2)
23	CU-07-L	C-207 Black vinyl elbow cushion, left (C-C2)
24	CU-10	C-207 Protective inner side cushions (C-C7)*
25	CP-1510	Side tray (C-C1)
26	CP-1610-20	Elbows support Height frame adjustment (C-C2)
27	CP-1620-20	Elbows support cushions frame (C-C2)
28	CP-200	Blood test arm support (C-C11)
29	CP-1710R	I/V pole support, front right (C-C3A)
30	CP-1710L	I/V pole support, front left (C-C3A)
31	CP-1715R	I/V pole support, rear right (C-C3)
32	CP-1715L	I/V pole support, rear left (C-C3)
33	CP-1720	I/V pole holder (C-C3)
34	CP-1730	I/V pole upper section (C-C3)
35	PE65030	Elbow support plastic protector (C-C2)
36	CP-01-20	Front activity tray (C-C8)
37	AB-08-H	Contoured headrest
38	RB-18	Cervical support
39	C-C4	Elevating foot cushion*
40	C-C10	Pre-Cure® Pro cushion with assorted vinyl leg support

\* Always specify fabric color, width, pattern, and the chair's serial number for all replacement part orders. See page 18 for part number location. The replacement parts may show some color difference with the original parts. LPA Medical Inc. may not be held responsible for any such difference.

# VUE ÉCLATÉE EXPLODED VIEW

