



Freedom Silver 6000 Plus Power Wheelchair Owner's Manual



Model #
MM-FS6000P-W1
MM-FS6000P-W22

E6012



Table of Contents

<u>Welcome</u>	<u>2</u>
<u>Chair Specifications</u>	<u>3-5</u>
<u>Unpacking, Setting Up & Electrical Connection</u>	<u>6-7</u>
<u>How to Fold, Unfold & Stroll Wheelchair</u>	<u>8-10</u>
<u>Anti-tipping Wheel, Armrests & Transferring to/from Wheelchair</u>	<u>11-13</u>
<u>Electric Mode & Manual Mode</u>	<u>13-15</u>
<u>Battery & Charger</u>	<u>16-20</u>
<u>Joystick & Basic Driving</u>	<u>21-22</u>
<u>Additional Features</u>	<u>23-25</u>
<u>Safety Precautions</u>	<u>27-29</u>
<u>Maintenance & Electromagnetic Interference</u>	<u>30</u>
<u>Warranty</u>	<u>31</u>
<u>Customer Service</u>	<u>32</u>

Welcome

Thank you for choosing the Miracle Mobility Freedom Silver 6000 Plus Folding Electric Wheelchair. Miracle Mobility is an industry leader in medical mobility. Your wheelchair is designed to provide years of use.

Please read this owner's manual before attempting to operate your Wheelchair. The safety and operating instructions will help you to understand the performance and limitations of your new mobility aid.

Thank you for your purchase!

Miracle Mobility Development Team



Chair Specifications



Easily navigate through standard doors and narrow hallways.

Folds in less than 3 seconds and fits in the trunk of most small cars.

Color Options	Silver or Rose Gold
Model #	MM-FSSPL6000-W1 - Silver MM-FSSPL6000-W22 - Rose Gold
UPC Code	8-50012-19854-3 - Silver 8-50012-19849-9 - Rose Gold
Motor Type	Magnetic Brushless DC Motor
Motor Power Rating	200 Watts x 2 (400 Watts Total)
Weight Capacity	265 lbs
Chair Weight w/o Battery	41 lbs
Chair Weight w/Battery	44 lbs
Maximum Speed	2.75 mph
Speed Settings	5 speeds
Driving Distance	15 miles
Incline Grade Capacity	13 degrees
Battery Type	Lithium Ion Battery
Battery Capacity	24V/12ah
Batteries Per Unit	1 Battery
Charge Time	4-6 hours
Joystick Controller	DC24V/2A
Charger	24V/2A
Brakes	Intelligent Electromagnetic
Seat Size	16"W x 16"D"
Unfolded Dimensions	26" L x 35" H x 22" W
Folded Dimensions	14" L x 27" H x 22" W
Tire Material	Solid Polyurethane & Rubber
Front Tire Size	8"
Rear Tire Size	10"
Frame Construction	Aluminum
Net Weight	44 lbs
Gross Shipping Weight	56 lbs
Carton Dimensions	24" x 16" x 29"
Carton Cube	6.4
Warranty	2 yrs (frame), 2 yrs (motor) 1 yr (battery & electronics)

Item Specifications



Joystick Controller



Unpacking and Setting UP

1. Begin by unpacking the wheelchair and spare parts from the shipping carton
2. Remove packing wrap and stand the chair upright *(see Image 1)*
3. Install the joystick controller on the armrest *(see Image 2)*
4. The joystick can be installed on the left or right hand.



Make Electrical Connections with Joystick

5. Make the electrical connections for the joystick and carefully alien prongs. *(see Image 3 & 4)*



Be careful not to bend the connector prongs as this will cause the chair to malfunction)

6. After you unfold the chair carefully install the battery under the seat and make the electrical connections *(see Image 5 & 6)*



Image 3



Image 4

Image 5



Image 6

How To Unfold

7. Grasp one hand on the back push handle and the other hand on the seat frame and separate to unfold the frame (see Images 7 & 8)

You will hear the safety clip lock in place when the chair is fully expanded in place correctly.



How To Fold

5. Lift the safety clamp found on the back of the chair to unlock your chair *(see Image 9)*
6. Once the chair is unlocked release the safety clip and push the chair handle forward and down to the ground *(see Image 10)*
7. Now lift the chair (vertically) upright and it will stand by itself *(see Image 11)*



Image 9



Image 10



Image 11



Note: Ensure the safety clamp is locked in place when unfolded. You will hear a clip when it is engaged. Failure to do this could result in the chair collapsing on you causing serious injury.



Note: Be careful while folding and unfolding as this is a potential pinch point for fingers

How to Stroll the Wheelchair

8. Make sure the chair is powered off then switch the (2) back brake levers to manual mode (back toward you) *(See Image 12)*.
9. Once the chair is folded, you can pull the wheelchair using the seat cross bar *(see Image 13)*
10. You will know the wheelchair is in electric mode if the wheels do not spin while trying to push the chair. Place chair in manual mode with the power off and the wheels will turn.



Anti-Tipping Wheels

11. The chair is equipped with anti-tipping wheels. During shipping the wheels are secured to the tightest setting (*see Image 14*)
12. Push the release button and slide the anti-tipping wheel to the fully engaged button (*see Image 15*)
13. When engaged the wheels help prevent tipping backwards while navigating inclines (*see image 16*)



Image 14



Image 15



Image 16

Lifting The Armrest

14. Notice the armrest release button on the outside of each armrest (*see Image 17*)
15. This button is in the locked position when the armrests are down
16. You will not be able to lift the armrest when the armrest lever is in the locked position
17. Press the armrest release lever and then lift the armrest up vertically (*see image 18*)

Image 17



Image 18



Transferring Onto the Wheelchair

18. Before sitting, make sure the **Power is OFF** and chair is in electric mode locking the wheels.
19. If you accidentally touch the joystick with the power on the wheelchair could move.
20. Transfer onto the wheelchair sideways, then swing around facing forward. *(see Image 19)*

Transferring from the Wheelchair

21. Make sure to bring the wheelchair to a complete stop.
22. Turn off the power to avoid touching the joystick and accidentally moving the wheelchair unintentionally.
23. Raise armrest to conveniently transfer from the side of the wheelchair *(see Image 19)*
24. Carefully slide forward and stand
25. Do not transfer off the wheelchair from the front
26. Only transfer from the side of the wheelchair *(see Image 19)*



Electric Mode vs Manual Mode

27. A caregiver can push the power wheelchair in manual mode when the chair is powered off and brake levers are in manual mode *(see Image 20 & 21)*
28. If the power is on and in manual mode, the chair will beep to alert you to turn off the power
29. If the power is on you will not be able to push the wheelchair as the wheels will be locked.
30. Switching from electric mode to manual mode can be done by flipping the brake levers on the back of the wheelchair. *(see image 20)*

Image 20

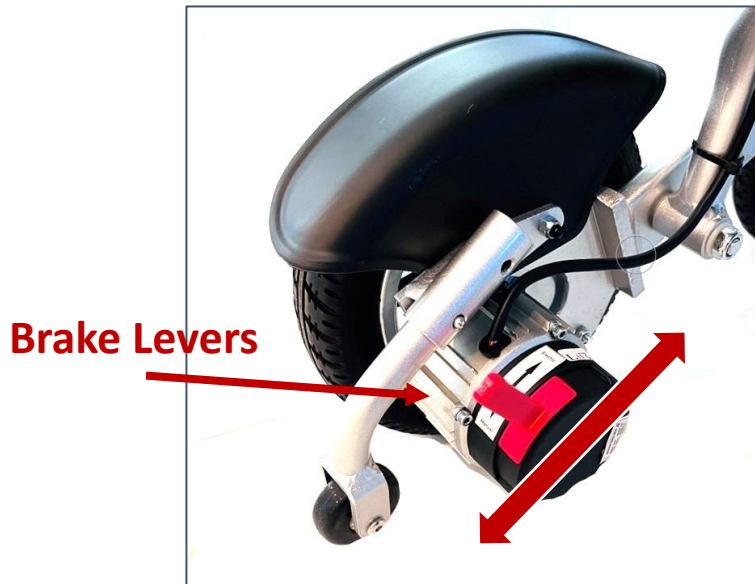


Image 21



Electric Mode vs Manual Mode (Troubleshooting)

31. If the power is turned off and the brake levers are in electric mode, the wheels will not turn manually
32. Both wheels need to be in the same position (electric or manual) for the chair to function correctly.
33. Pull the brake levers back towards you to engage the manual mode with the joystick turned off and the wheels will turn freely allowing you to push the wheelchair. *(See Images 22 & 23)*

Image 22



Image 23



Charging the Battery

34. Your chair is equipped with a powerful 24V 12ah lithium-ion battery
(see Image 24)

35. **This battery meets FAA standards for airline travel**

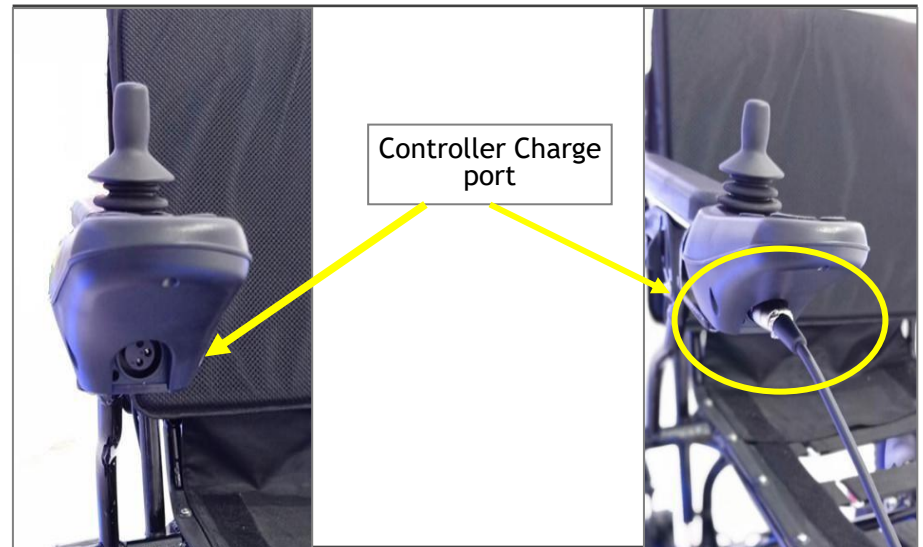


36. You can charge your battery from the joystick by connecting the 3-prong charger to the joystick as shown. (see Image 25) Charging time is typically 4-5 hours.

Image 24

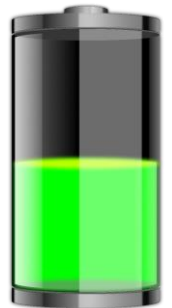


Image 25



More Battery Information

37. The chair is equipped with over current protection. This added safety system is included on the wheelchair and will shut off the electrical current from the batteries if triggered, thus shutting the motor down. This will ensure that the motor and battery do not experience damage
38. The life cycle of a lithium battery is measured in charging cycles with an average of 300 charge cycles
39. Check the battery indicator light before each use to ensure you have the power you need
40. Do not use a battery charger that have not been certified by Miracle Mobility
41. If the battery is damaged, do not handle the battery without protective gloves and eyewear
42. If the battery needs to be disposed of, locate the nearest hazardous materials disposal facility, and call for instructions
43. If storing your wheelchair for an extended period, take these steps to maintain the battery:
 - a) Fully charge the battery before storing.
 - b) Remove the battery from the wheelchair.
 - c) Store the battery at a room temperature with a dry environment.
 - d) Avoid temperature extremes and do not allow the battery to freeze.



Do not attempt to charge your battery if it is frozen from extreme weather conditions, instead first allow it to thaw for several hours.

Charging The Batteries

44. The wheelchair uses a 24V12ah lithium-ion battery. Your wheelchair will arrive with a partially charged battery
45. The battery should allow you to drive for a distance up to 12 miles under normal operation conditions
46. The battery can also be removed from the chair and charged using the battery charging port (*see Image 26*)
47. Allow your wheelchair to charge for 4-5 hours or until the light on the charger turns green (*see Image 27*)
48. Continue to charge the wheelchair 1 hour after the light turns green to fully charge the battery. Once fully charged, unplug from the power socket and disconnect from joystick
49. If the wheelchair is unused for two months, you should charge the battery to keep it full before use.

Image 26

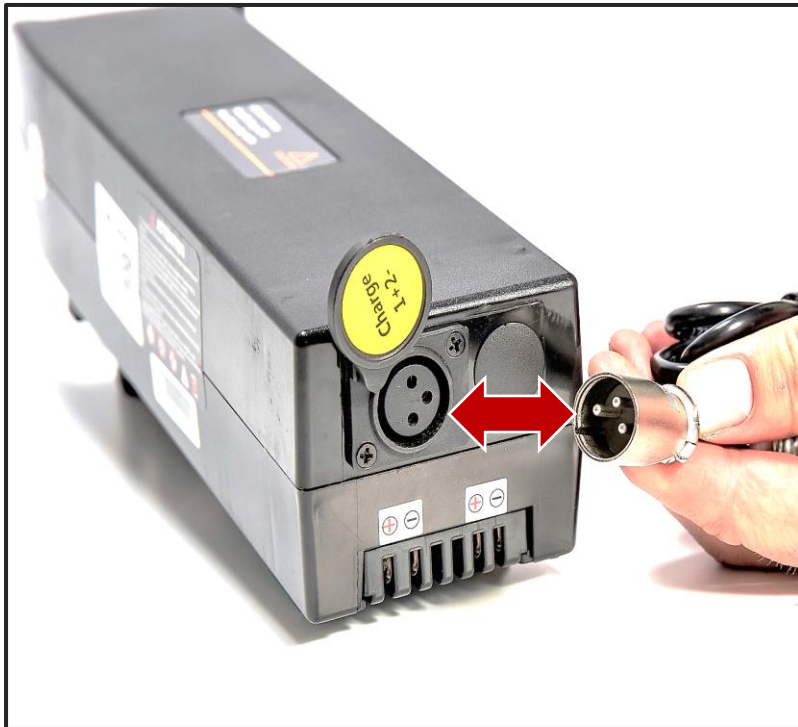


Image 27



LED Joystick Controller



Image 28

50. The joystick is designed to provide all the information you need to safely operate your wheelchair. *(see Image 28)* also reference page 5 in your manual
51. The joystick is designed to operate the chair with a zero-turn radius *(within its own footprint)* and will detect micromovement of the joystick

Driving



To stop the chair simply let go of the joystick and the chair will come to a controlled stop.



Practice using the joystick to move forward, in reverse, and making left and right turns



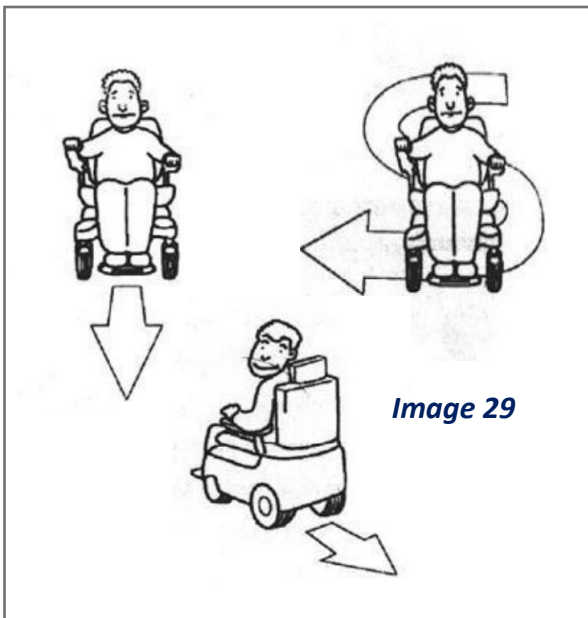
Always use slow smooth movements and avoid jerky movements with the joystick



It takes about a week to get a feel for to the joystick's responsiveness to become proficient.

Joystick Controller

52. Practice operation in a safe and controlled environment to learn the operation of your joystick along with the different speeds and the maneuverability of the wheelchair.
(see Image 29)
53. When turning, reduce your speed, which will help you avoid any potential tilting or tipping of the wheelchair and adjust the speed depending on your environment.
54. To stop, simply let go of the joystick and it will naturally return to the neutral position and bring the chair to a comfortable stop.



Operate the wheelchair slowly and at an even controlled speeds



Avoid sharp jerky movements and make smooth movements for better responsiveness of the joystick



Make sure your path is clear of obstacles



Practice driving forward, backwards, and making and figure 8's

Basic Driving

Before operating your wheelchair, be sure to read all safety information and precautions included in this manual. Operate only in an appropriate environment.



TRANSFER ON	Be certain that the power is OFF before sitting in the seat of Silver 6000 Plus Wheelchair. There should be no lights on the controller and always board with a side transfer.
POWER ON	Press the power button, you will hear a beep and the joystick lights will indicate that the power is on.
TURING &STEERING	Use the joystick style controller to steer left or right, forward or in reverse.
STOPPING	Simply remove your hand from the joystick to stop.
POWER OFF	When stopping, it is advised that you power OFF the wheelchair to prevent accidents. Press the power button to turn off the wheelchair and the joystick lights will shut off.
GET OUT	Make sure there is no lights on the controller before getting off the wheelchair.



Practice in an open space before operating. Find an open area such as a park and have an assistant to help you practice until you can operate this vehicle skilled.



Always make sure that the power is off before transferring on or off the seat.



Set the speed control button according to your driving speed preferences. We recommend you keep the speed at the lowest shift setting until you are familiar with the driving characteristics of the joystick.

Additional Features



Aluminum Construction

The Silver 6000 Plus has a frame construction made of a lightweight aluminum alloy. The chair is a light 41 lbs without the battery and 44 lbs with the battery installed. This makes the Silver 6000 Plus one of the lightest weight power mobility chairs in the market.



Rear Suspension Shocks

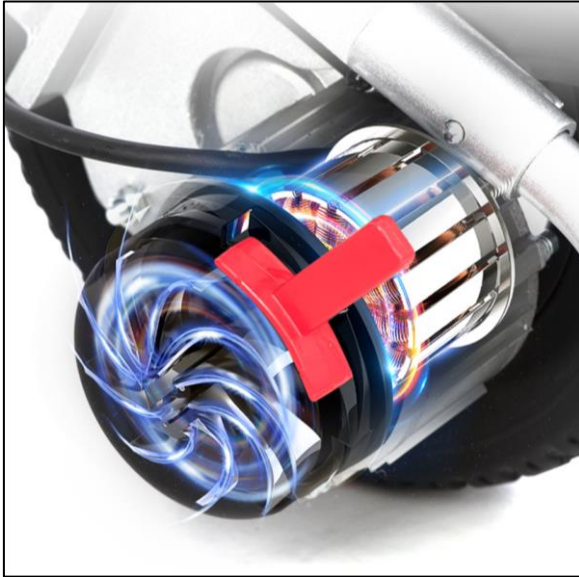
The Silver 6000 Plus power wheelchair is equipped with two rear seat suspension shocks to provide a smooth ride over uneven terrains. The suspension shocks help to provide the smoothest ride possible letting you enjoy hours of use without feeling sore after sitting for long periods of time.



Ideal for Travel

The Silver 6000 Plus power wheelchair folds within 3 seconds to the size of a large suitcase and will fit in the trunk of most small cars. This makes the chair ideal for travel and easy transport.

Additional Features



400 Watts of Total Power

The Silver 6000 Plus has a total of 400 Watts of power. The two powerful brushless DC motors will support 265 lbs for a range up to 12 miles.



Never a Flat Tire

The tires are made of a solid polyurethane and rubber material. You can drive worry free as your tires will never go flat. The front tire measures 8" and the rear tire measures 10".



Safety Belt

The Silver 6000 Plus has safety seat belt. The nylon belt has a safety clip helping to secure you into your wheelchair.

Additional Features



Lifting Footrest

The Silver 6000 Plus is equipped with a footrest that will lift out of the way making it easier for transfers onto and out of the wheelchair.



Padded Back Cushion

The backrest is equipped with enhanced embroidery and additional backrest padding to provide additional comfortable. The seat measures (16" w x 16" d)



Breathable Seat Cushion

The seat cushion cover is removable to allow for machine washing and is constructed of breathable fabrics for maximum comfort and moisture resistance.

Additional Features



Uneven Surfaces

The Silver 6000 Plus can be driven on hard uneven surfaces such as dirt or small pebble paths or low cut grass. Hard surfaces are recommended. It is not recommended for the beach, sand, soft or wet surfaces.



Rear Pocket Storage

The Silver 6000 Plus has a rear storage seat pocket to store valuables. The pocket measures (10" wide x 8" high)



Under the Seat Storage

The Silver 6000 Plus has an added under the seat storage bag. The storage bag measures (11" wide x 5" deep x 4" high)

Safety Precautions



Please Do Not

- ✓ Do not operate in water
- ✓ Do not operate on stairs or escalators
- ✓ Do not operation while on a moving vehicle such as a bus
- ✓ Do not exceed the weight capacity of 265 lbs
- ✓ Do not expose the battery to extreme temperatures over 105 degrees
- ✓ Do not carry additional passengers it is for a single use passenger
- ✓ Do not drive parallel with a slope (*see Image 29*)
- ✓ Do not attempt to climb slopes greater than 12 degrees and lean forward to improve center of gravity (*see Image 30*)

Please Do

- ✓ Please turn off the wheelchair prior to exiting the chair
- ✓ Please practice driving the wheelchair in a controlled environment
- ✓ Please be aware of local laws regarding operating wheelchairs on public roads
- ✓ It is recommended to use sidewalks at all times
- ✓ Please note modifying the wheelchair may void all warranties
- ✓ Always keep your feet on the footrests while driving
- ✓ Do come to a complete stop before turning off the joystick.
- ✓ Turning off joystick while in operation can cause damage to the joystick controller

Image 29



Image 30

General Safety Precautions

- ✓ Do not lean over the front or side of the wheelchair as this can cause a tipping situation. *(see images 31 & 32)*
- ✓ Do not transfer on/off the wheelchair from the front. This can cause a tipping situation. *(see image 33)*
- ✓ Always perform a side transfer onto and from the wheelchair. *(see image 34)*
- ✓ If unsure the wheelchair can safely clear an obstacle, find another path.
- ✓ Make sure all electronic components (control panel, battery charger, and other electronic controlled components) avoid moisture. If these components meet moisture, dry before use.

Image 34



Image 33



Image 31



Image 32



Maintenance

- ✓ It is important to perform regular maintenance of your wheelchair for longevity and warranty eligibility. Even a little cleaning now and again will go a long way to keep your device looking and functioning like new. Certified repair shops with trained professionals who specialize in electric wheelchairs and scooters will be qualified to perform the service and maintenance on your Wheelchair should a technician be required.
- ✓ We recommend you inspect your wheelchair two or three times per year
- ✓ **Frame:** Tighten loose screws as necessary using the tool kit included with your wheelchair.
- ✓ **Wheels:** Make sure they rotate easily. Significant resistance may require new bearings.
- ✓ **Armrest:** Look for excessive wear or if they are loose.
- ✓ Replacement parts and major maintenance issues should be done by a professional.



Batteries

- ✓ Use batteries that have been supplied by Miracle Mobility; our batteries are special lithium batteries designed specifically for use in the Silver 6000 Plus wheelchair.
- ✓ Read all battery instructions before attempting to change or charge batteries.
- ✓ When not in use for extended periods, we recommend you charge the battery every month to avoid the battery “life” capacity is depleted and then a new battery will be required.

Electromagnetic Interference

- ✓ Powered vehicles such as the Freedom Silver 6000 Plus wheelchair may be susceptible to electromagnetic interference, which is interfering electromagnetic energy emitted from sources such as radio station, TV station, amateur (two way) radio transmitters, two-way radios, and cellular phones.
- ✓ The interference (from radio wave sources) can cause the wheelchair to release its brakes or move in unintentional directions.
- ✓ If your wheelchairs experiences sudden movements due to electromagnetic interference turn off the electric wheelchair power until it is safe to resume use.
- ✓ It is recommended that you turn off mobile devices to limit the change of electromagnetic interference while driving your wheelchair.



Limited Warranty

- ✓ The purchaser of this product is entitled to a limited warranty as offered by Miracle Mobility, and its affiliates on the following components and timeframes:
- ✓ Chair frame: (2 years) Motors: (2 years) Controller and CPU system (1 year) Battery (1 year)
- ✓ Wearable parts not include tires, seat and back rest, armrests, and support straps are not included in the warranty.
- ✓ This warranty is valid for the replacement of dysfunctional parts only. Any parts under warranty will be replaced and shipped to your door. Any service and labor fees, if applicable, to replace parts under warranty must be paid by the user.
- ✓ Due to its straightforward design, most parts can be easily exchanged by the end user without a professional service tech required. However, it is always recommended you seek professional help for maintenance and service, to make sure the work is done properly.
- ✓ Please note modifying the wheelchair will void all warranties

The warranty does not cover:

- ✓ Products damaged by user negligence or abuse.
- ✓ Products damaged accidentally or intentionally.
- ✓ Products that have been improperly stored or mishandled.
- ✓ Products that have been improperly operated or have experienced general misuse.
- ✓ Products that have been modified in an unauthorized, unapproved way.
- ✓ Warranty is non-transferable and only valid for the original wheelchair purchaser.
- ✓ The warranty card is provided in the carton, or you can complete the warranty online at www.miraclemobility.com. Visit our Website for more details



Corporate Office

13575 58th St N 201
Clearwater FL 33760

Store Location

10593 Ulmerton Rd
Largo FL 33771



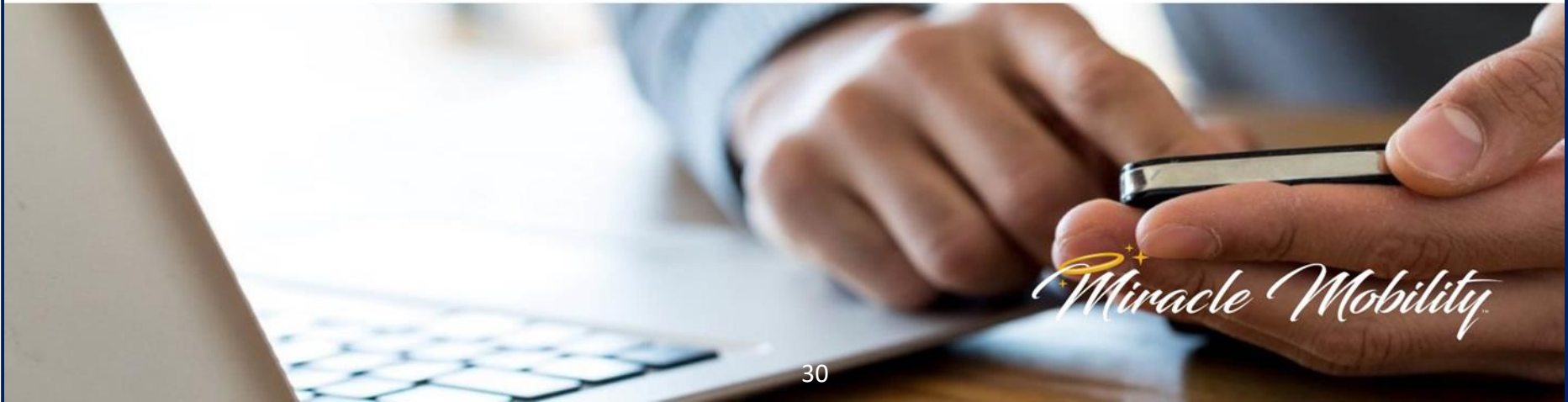
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5-Star Google Rating



Miracle Mobility