

FLYING WITH YOUR POWERCHAIR

March 2023

Flying with your Magic Mobility wheelchair

This is the typical information that an airline needs when travelling with your wheelchair.

Mobility aid weight

The weight of the wheelchair varies greatly with the options fitted. Generally, the weight can be between 130 and 170kg.

Battery type

We use Gel batteries (spec can be downloaded from website). These batteries are Federal Aviation Administration (FAA) and IATA approved, allowing safe transportation on aircraft, buses and trains.

Does your battery require disconnection?

You can isolate the controller from the batteries by pulling out the lead from the joystick.

Check with the carrier the appropriate time to disconnect your controller, as disconnecting the lead from the joystick disables the wheelchair.

Some airlines insist on disconnecting the batteries, but it is not necessary and not recommended by an unauthorised operator. It can cause damage to your wiring and may impact your ability to drive the chair if it is incorrectly rewired at your destination.

Are there any special instructions that are important for taking care of your wheelchair when flying?

There are no special instructions, but we would urge you to insist that the airline not disconnect any wires/leads other than the joystick as incorrect reconnection may result in a bad start to your journey. Also, make the airline staff aware of how to disengage and re-engage the motor brakes so they can push the wheelchair once the joystick has been disconnected (see next page).

PLEASE PRINT THIS AND GIVE TO THE AIRLINE STAFF

From the manufacturer

This is a power wheelchair that uses Gel batteries. To make the wheelchair safe to fly:

Step 1: Disconnect the joystick

To isolate the batteries and put the wheelchair in safe mode for flying, remove the lead from the joystick.

This is a simple connector in the back of the joystick. Some of the wheelchair controllers require that you remove a joystick cover. For this, you will need a small Philips head screwdriver.

Step 2: Put the motors in freewheel mode

Once the joystick has been isolated from the batteries, the wheelchair is hard to push manually. The motor brakes need to be disengaged. (See following page).

The motor brakes must be re-engaged to allow the user to operate the wheelchair.

Contact Magic Mobility if you require further information:

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<http://www.magicmobility.com.au>

Freewheel mode - pushing the powerchair

There's no braking on your powerchair when it's in freewheel mode. Be sure to turn the power off before disengaging the motor brakes.

Magic 360 - Two motor release levers are located on the rear of the powerchair (see Figures 1.1). To disengage the built-in or "running" brakes simply pull the levers towards you.



Figure 1.1a Magic 360 brake levers engaged



Figure 1.1b Magic 360 brake levers released

Frontier V6 and V4 - Motor release levers are located at the front of each drive wheel (see Figures 1.2). To disengage the built-in or "running" brakes simply push the down levers on each side.



Figure 1.2a Frontier V6 brake levers engaged

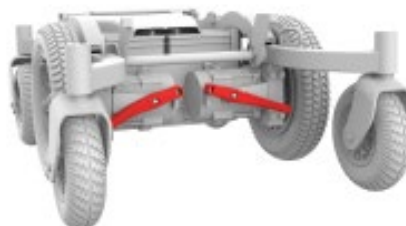


Figure 1.2b Frontier V6 brake levers released

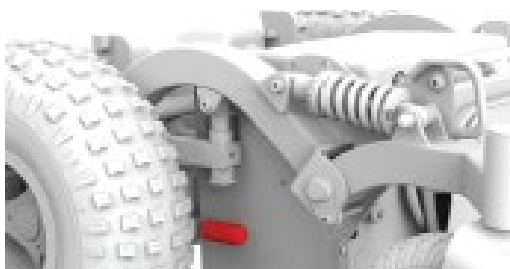


Figure 1.2c Frontier V4 brake levers engaged



Figure 1.2d Frontier V4 brake levers released

Extreme X8 - Motor release levers are located at the rear of the powerchair (see Figures 1.3).



Figure 1.3a Extreme X8 brake levers engaged



Figure 1.3b X8 brake levers released