

GRIT Freedom Chair: 3.0

(The following information is primarily from www.gogrit.us website)

The GRIT Freedom Chair: 3.0 is their most popular model for a reason. With 26" rear mountain bike wheels, an MIT-designed and patented lever system, and plenty of accessory options, this all-terrain wheelchair is ready for any adventure.

- Disassembles to fit into any vehicle (video available at <https://www.gogrit.us/features>)
- Serviceable by any local bike shop
- Quick-release rear wheels, seatback, and footrest for easy storage and travel
- Tubular steel frame ready to take on obstacles, limits, and any adventure
- Stay secure: Use the included seatbelt or attach your own
- Easy, pull-back brake system and adjustable parking brakes
- Industry-leading customer support team for friendly, personalized assistance
- Enjoy true all-terrain adventure. Ride gravel, trails, snow, mud, and everything in between.



Frequently Asked Questions from the Grit website – gogrit.us

The following are the most frequently asked questions about the Grit Freedom Chair. If you don't see your question answered below, you may email info@gogrit.us, call 877-345-4748, or visit their website for an answer.

1. How does the GRIT Freedom Chair work?

The GRIT Freedom Chair is an all-terrain wheelchair. Developed by MIT engineers, this easy-to-push, lever-driven wheelchair comes armed with rugged mountain bike wheels, a big, sturdy front wheel that doesn't get stuck, and optional trail handles (*The trail handles may be installed following the available trail handle installation guide*) allowing you to choose your own adventure.

Instead of grabbing onto the wheels directly, you push the levers forward to propel yourself. To brake, you pull them backwards all the way until they touch the tires. There is a part that comes out perpendicularly from the lever, such that when you pull the levers backward beyond a certain angle, it engages with the tire and stops it. The brakes are also used for turning; braking one wheel rotates the chair in that direction.

(Also available are Grit Chair Snow/Sand tires that may be installed following the Grit instruction manual to allow use on those surfaces.)

2. How do I know the chair will work with my disability?

People of all ages and abilities are using the GRIT Freedom Chair. There are GRIT riders with spinal cord injuries, multiple sclerosis, various joint conditions, amputations, cerebral palsy, and more. Their website says their oldest rider is 94 years and their youngest is 3, so we truly feel that there isn't just one type of person this chair caters to. The Grit Chair user testimonials and Grit Chair can put you in touch with a Grit user with similar abilities.

3. How much does the chair weigh?

This chair, the GRIT Freedom Chair 3.0, weighs 46 pounds. Disassembled, the weight of the heaviest part of the chair is 25 pounds.

4. How do I transfer into the chair?

Each rider has their own preference for transferring, and it can take some time to figure out what works best for you. To help show various ways and methods of transferring into the chair, Grit Chair has compiled several videos at <https://www.gogrit.us/faq> for C5 quadriplegic, T-4 complete SCI, and chronic pain. If you need a more specific example based on disability type, let Grit Support know, and they will reach out to a rider for you.

5. How do I back-up or go in reverse?

Similar to a bike, the GRIT Freedom Chair drivetrain does not drive backwards or in reverse. Like a bike, turning to go "backwards" or in the opposite direction are done while going forward.

With the levers inserted, there is a hill-hold feature for safety. This means that you can't roll backwards. Should you decide to use the chair indoors, or need more maneuverability, the levers can be removed and stored on the frame, and then the wheels can be pushed forward and backward just like a regular manual wheelchair.

6. How much strength do I need?

Pushing the levers is easier than pushing push-rims, so if you're able to maneuver those, you'll be absolutely fine in our chair. We've also had a number of people who can't use push-rims who do great in this chair. You need some strength to push the levers forward, and very little to pull back, as the backwards stroke just ratchets and resets for the next stroke.

7. Will it fit into my car?

Yes. The GRIT Freedom Chair is designed to come apart into small pieces that are easy to store into a car. The wheels, seatback, and footrest are all quick release, enabling the GRIT Freedom Chair to fit into the trunk of a small car. It is designed to disassemble in less than a minute, and the more you disassemble the lighter it gets. Video available at <https://www.gogrit.us/features>

8. What is the weight limit? And seat width?

The weight limit of the GRIT Freedom Chair 3.0 is 300 pounds. The chair's seat width is 18".

How do I fix the Grit chair?

PLEASE, DO NOT ATTEMPT TO FIX THE GRIT CHAIR BEYOND HANDLE ADJUSTMENTS OR FIXING A TIRE AS YOU/ YOUR COMPANION WOULD ON A BIKE, AS THE TOWN'S INSURANCE POLICY REQUIRES ALL REPAIRS TO BE DONE AT A BIKE SHOP BY SOMEONE FAMILIAR WITH THE EQUIPMENT.

RETURN THE GRIT CHAIR, TELL THE LIBRARY STAFF WHAT'S WRONG, AND IT WILL BE REPAIRED. THE TOWN HAS INSURANCE ON THE GRIT CHAIR.