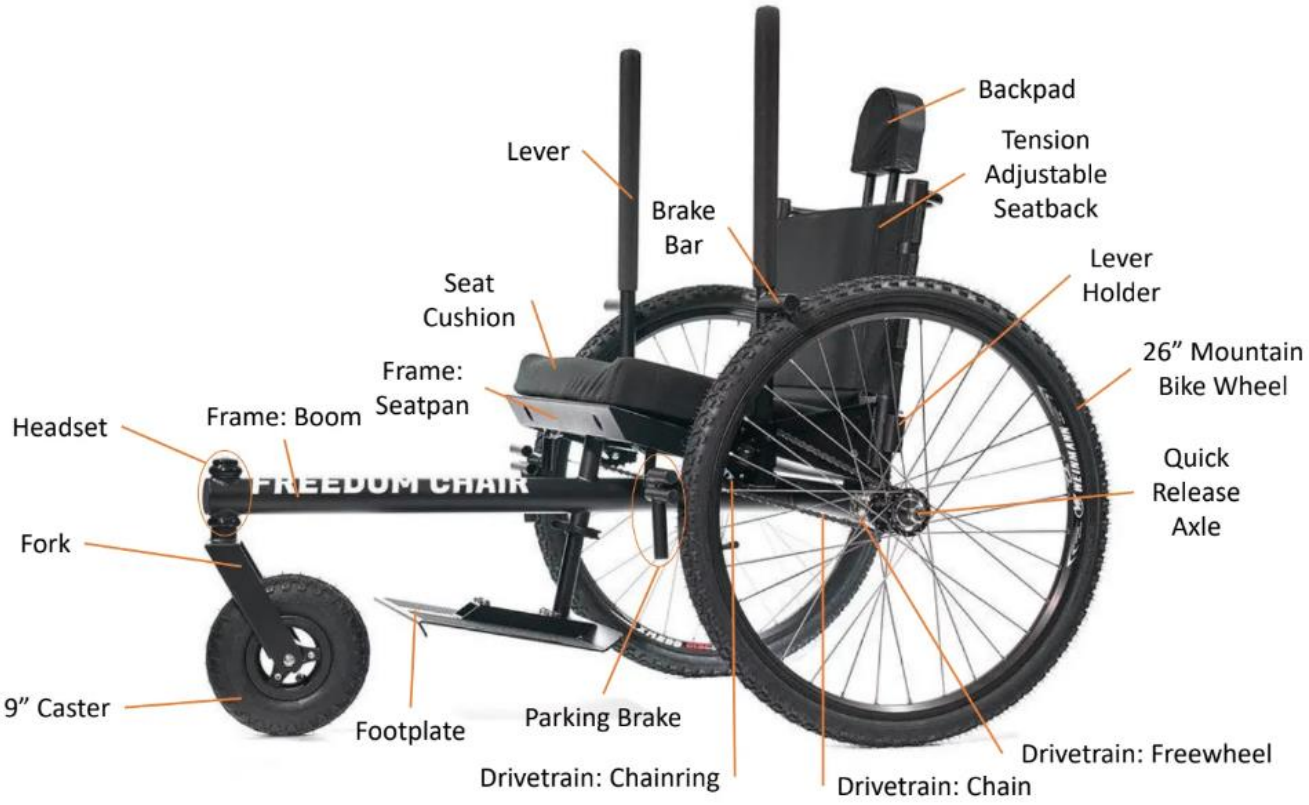
METROPARKS TOLEDO

GRIT Freedom Chair Information Sheet



Hit the trails and set out on an adventure in the GRIT Freedom Chair. This chair rolls over rocks, roots, sand, and mud, allowing users to explore almost any trail. The chair can be rented for personal use free of charge.

Important! The Freedom Chair does not go backwards when the levers are in place. It can only go backwards when levers are stashed.

The GRIT Freedom Chair is an all-terrain wheelchair built for every type of adventure. Developed by MIT engineers, this easy-to-push, lever-driven wheelchair comes armed with rugged mountain bike wheels, sturdy front wheel, and optional trail handles, allowing you to choose your own adventure.

Instead of grabbing onto the wheels directly, push the levers forward to propel yourself. To brake, 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.

For safety reasons, users are required to bring a companion. Also, if assistance is needed to transfer to the Freedom Chair, the companion must be able to assist with the transfer. Park staff and/or volunteers are unable to assist with transfers. A transfer board and gait belt are available to help you transfer, if needed.

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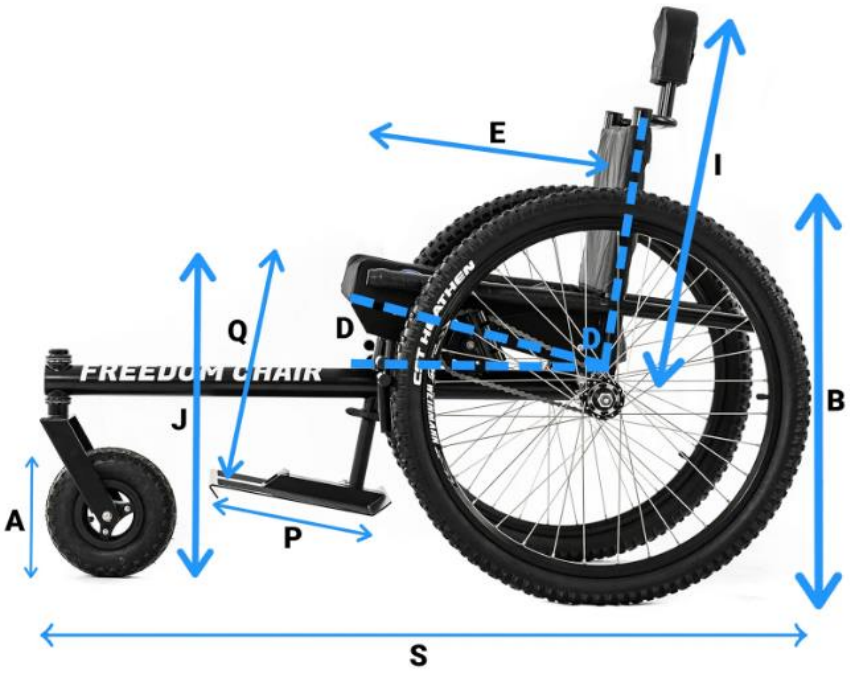
The Freedom Chair has a seat width of 20 inches and a comfort cushion, 26” mountain bike wheels, and a MIT-designed and patented lever system with a pull-back brake system. The maximum weight restriction is 250 pounds.

Rental is free thanks to a Metroparks Members Grant. The Freedom Chair is available year-round for a maximum of three hours at a time.

Wearing a helmet is required. Helmets are available to borrow or you may bring your own.

Velcro foot strap available.

Specifications:

	Description	Measurement
A	Caster	9”
B	Wheel	26”
	Seat width	20”
D	Dump/drop	15”/5”
E	Seat depth	16”
	Seatback bucket angle	82°
I	Seatback height	14” nylon only, 22” with backpad
J	Seat to floor	20”
	Lever width	23”
M	Lever brake position	8”
	Lever Length	25”
	Lever Length Usable	15”
	Footrest Width	10”
P	Footrest Depth	10”
Q	Knee-to-Heel Height	15-18”
	Overall Width	32”
S	Overall Length	48”
	Base Width	28”
	Base Length	38”