



Free Wheelchair Mission GEN 1 Wheelchair

Castor Wheel Replacement

How to remove and repair the front castor wheels of the Free Wheelchair Mission GEN 1 if they have become jammed and do not allow for easy motion.

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INTRODUCTION

We will start by removing the wheel and removing any debris that may be obstructing motion, and then reattach the wheel to the axle of the Free Wheelchair Mission GEN 1.

Familiarize yourself with the tools required for this guide by reading through the [Free Wheelchair Mission Tools Maintenance Guide](#).



TOOLS:

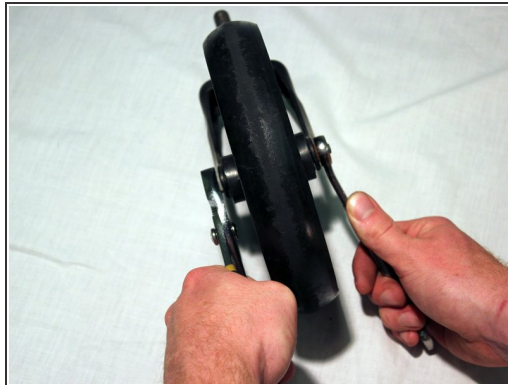
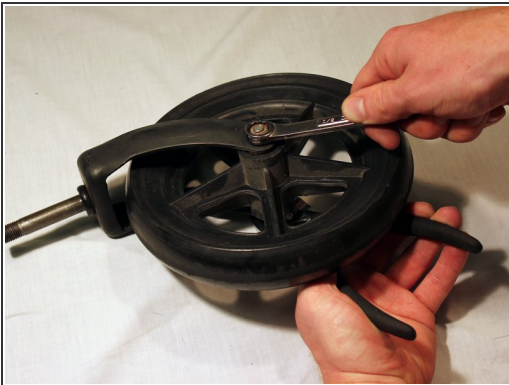
- [Socket 19mm](#) (1)
 - [10 mm Wrench](#) (1)
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Step 1 — Remove Castor Wheels from Frame



- Use the socket head of the 19mm wrench to unscrew the nut that connects the castor wheel's fork to the steel frame.
- Remove the wheel from the small steel frame.

Step 2 — Unfasten Castor Wheel from Wheel Fork



- Hold the bolt that connects the wheel to the fork with pliers.
 - ⓘ This keeps the bolt through the wheel from rotating.
- Use the socket head of the 10 mm wrench in your other hand to remove the nut on the other end of the bolt.

Step 3 — Remove Castor Wheel from Wheel Fork



- Flip wheel over and remove the bolt.
- Remove the castor wheel.

Step 4 — Remove Obstructing Debris



- Check for and remove any debris from the wheel or wheel axel that may be obstructing motion.

To reassemble your device, follow these instructions in reverse order.