



Free Wheelchair Mission GEN 1 Wheelchair Castor Wheel Replacement

This guide will help you to remove and repair the front castor wheels if one or both of them has become jammed and does not allow for easy motion.

Written By: Alyssa Chaney



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 chair.

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



TOOLS:

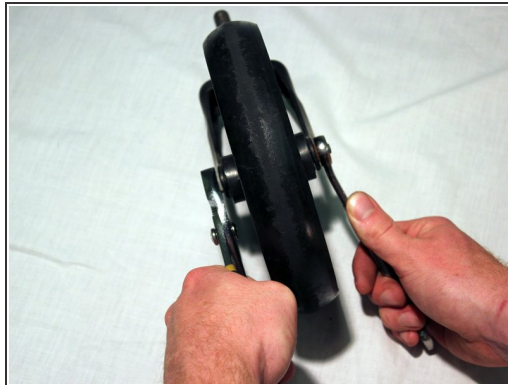
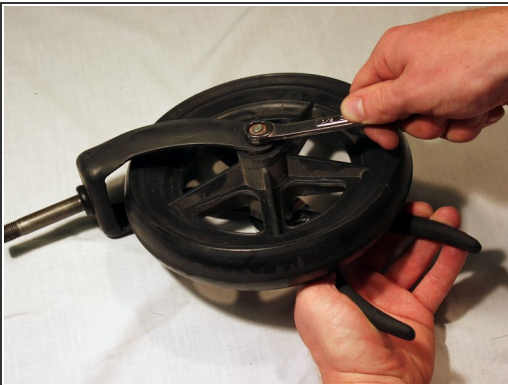
- [Socket 19mm](#) (1)
 - [Smart Wrench](#) (1)
-

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 axle that may be obstructing motion of the wheel

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