

Repair & Replacement Instructions ■

Intellect Wave® Chair & Desk Frame

Cantilever Glides Removal & Installation

February 2018

Overview

When replacing the cantilever glides, the toe and heel glides remove differently from the frame. Replacing the toe glide is more time consuming due to the glide being press-fit into the foot, which requires drilling first in order to be removed. The heel glide slips onto the steel heel plate of the leg and is secured with a screw. Approximate time to remove and replace four glides per frame unit is five minutes, depending on the field technician.

Required Tools

- Drill driver
- 1/4" drill bit (or something close)
- #2 Phillips hand screw driver
- #2 Phillips screw driver bit for drill driver
- Weighted rubber mallet (not hard steel)
- Cardboard or cloth material (to catch plastic shavings)

Toe Glide Removal & Installation

1. Place frame onto a soft protective surface on its back side, and position cardboard or cloth material under the frame to catch plastic shavings when drilling (Figure 1).
2. Use a 1/4" drill bit in a drill driver and bore a hole in the front, lower portion of the glide as illustrated in figure 2. Drill from the center, but aim the drill bit slightly off to the side to avoid the screw in the middle. Drill out enough material to disrupt the inside structure of the toe glide (Figure 2 & 3).
3. Using a weighted rubber mallet, pound the glide out as illustrated (Figure 4).
4. After the glide is removed, some material such as the round, steel retaining clips may remain inside. Use a screwdriver to pry out all remaining material. The bottom right corner of figure 5 shows the components that come out of the drilled-out toe glide.
5. Carefully align the new toe glide onto the foot as illustrated and pound on the front of the glide using a weighted rubber mallet. Carefully tap enough times to fully seat the glide, so it does not come out during use (Figure 6).

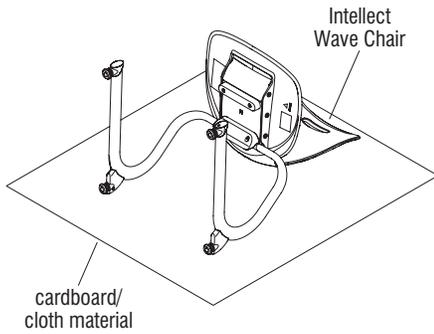


Figure 1

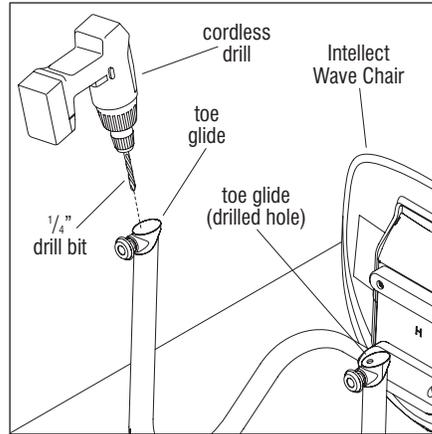


Figure 2

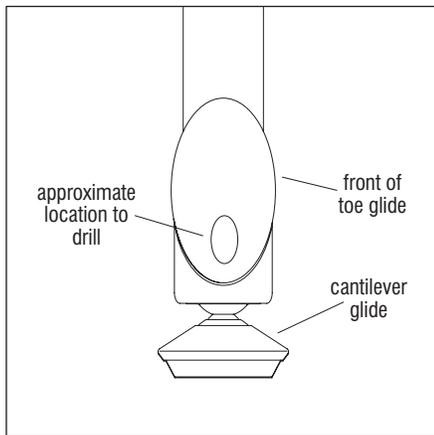


Figure 3

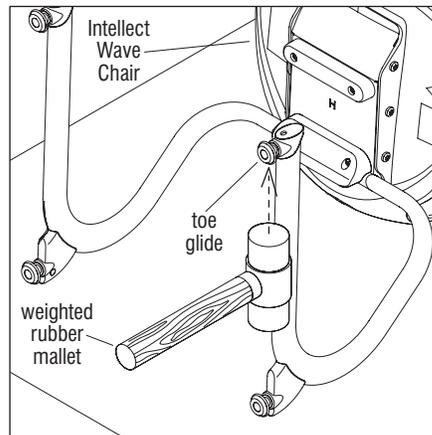


Figure 4

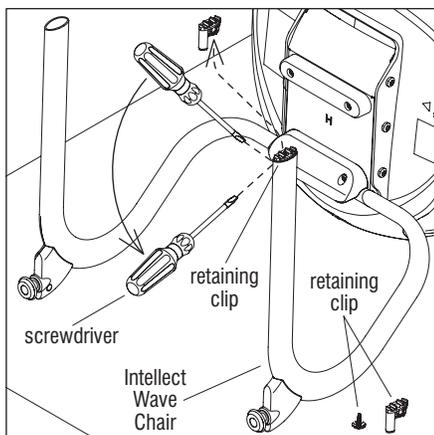


Figure 5

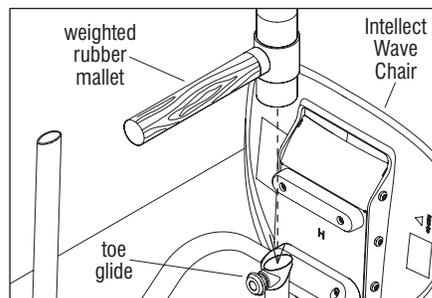
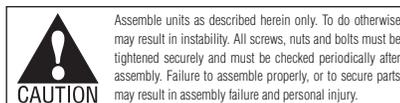


Figure 6



Intellect Wave® Chair & Desk Frame

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Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Heel Glide Removal & Installation

1. Tip the frame down onto a soft protective surface to access the heel glide as illustrated in figure 1.

2. Using a drill driver with a #2 Phillips bit, remove the screw securing the heel glide, then remove the glide from the heel plate (Figure 2 & 3).

Note: The two new heel glides are different, and are represented left- or right-hand based on the location of the screw hole used to attach the glide to the steel heel plate. Screw holes must face each other under the chair. If heel glides are not installed to the proper left- or right-hand location, disassembly and reassembly will be required.

3. Place a new heel glide into position on the steel heel plate. Align the mounting hole of the glide with the hole on the steel heel plate and secure glide to steel plate using one #8-32 x 1/2" Phillips flat head screw with thread-lock patch provided. Tighten the screw such that the head of the screw is flush with the surface of the heel glide (Figure 4).

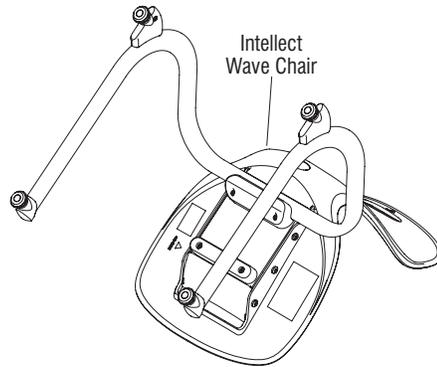


Figure 1

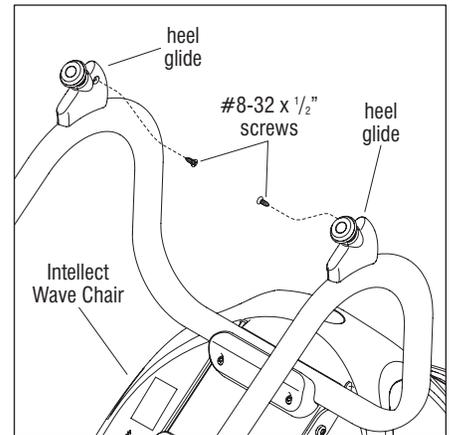


Figure 2

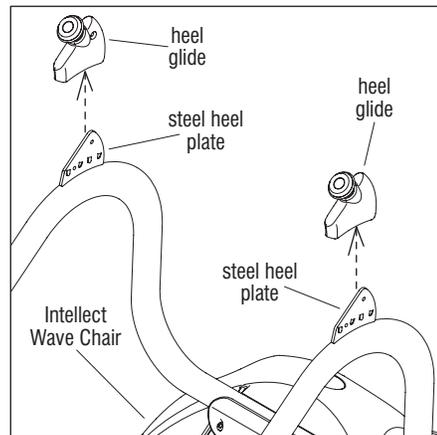


Figure 3

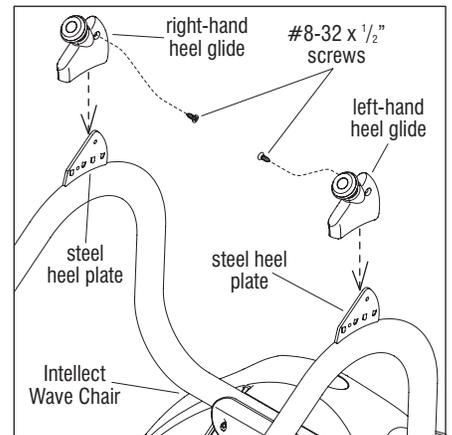


Figure 4