

BRAKING TROLLEY

INSTALLATION/OPERATION MANUAL

960-144
960-145



BIODEX

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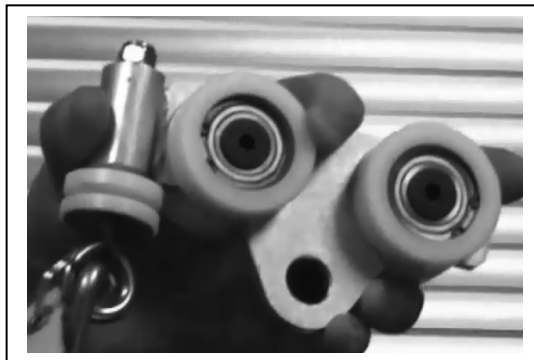
Braking Trolley

This manual covers installation and operation procedures for the following products:

#960-144 Braking Trolley
#960-145 Braking Trolley Tightening Pole

Introduction

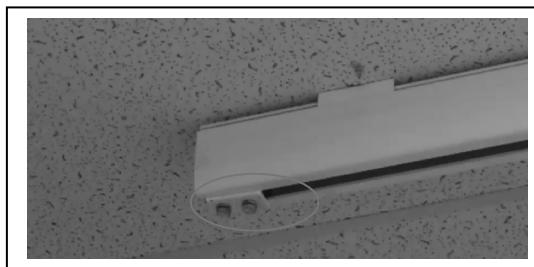
The Braking Trolley is an accessory to the (SAS) FreeStep Supported SAS Ambulation System. It contains two sets of rollers and a braking mechanism that provides compression for increased friction against a FreeStep overhead rail track. The larger eyelet (between the rollers) is where the patient height adjuster or single line drop hardware is attached.



The eyelet with the yellow tag is not to bear weight in any circumstance. The yellow-tagged eyelet is for adjusting rail friction only.

Installation Instructions:

Installation is simple. Find an open end on your overhead rail system. Typically, this will be a point that is not directly up against the wall. There will be a bumper that can be temporarily removed.



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1. Remove the bumper with a ½-inch wrench. Place the Braking Trolley on the rail and re-install the bumper.



2. Place the harness clevis in the large eyelet. Note that the harness clevis connection contains a small hole in it. This is used to add a zip tie after the harness has been connected to prevent the clevis bolt from backing out.



Operating Instructions

1. A tightening pole with a telescoping handle is available for ease of increasing or decreasing the Braking Trolley's resistance to movement along the rail.



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2. When the Braking Trolley is fastened tight against the rail (by turning the yellow-tagged eyelet in a clockwise motion), it will not move.
 3. The trolley can be allowed to move freely by turning the yellow-tagged eyelet in a counter-clockwise motion.
 4. Some friction can be applied to allow the trolley to be able to roll with slight resistance. This may be useful when performing activities such as reactive training.



Additional Resources

Additional instructional videos for this product and other FreeStep accessories are available on the Biodex Education YouTube Channel.

Braking Trolley – <https://youtu.be/eqfMq66XVao>

This video is a demonstration of the procedures in this manual.

Ropeman safety device – <https://youtu.be/DJtOyMP-Rxw>

Dr. Kurt Jackson explains how the Ropeman safety device is used with the patient harness on the Biodex FreeStep SAS.

Single Line Drop – <https://youtu.be/T6bg4wJL3ow>

Dr. Kurt Jackson demonstrates how to make use of the Single Line Drop option for the Biodex FreeStep SAS.

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