

Dynamic Footrest Coil

Tools needed: 3/16" hex key, 7/16" socket, hacksaw

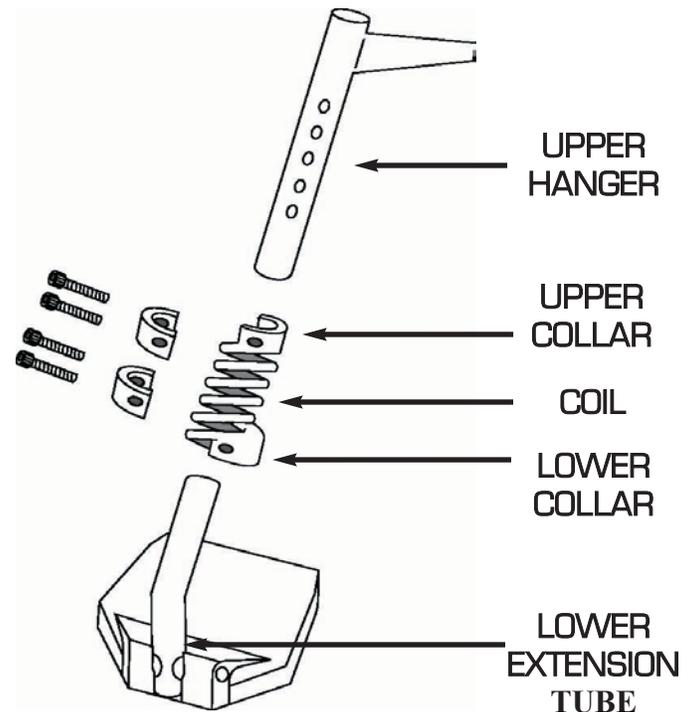
The Dynamic Footrest Coil (DFC) is a heavy-duty coil that attaches between the upper and lower footrest components. It is designed to permit rotational movement of the footplate when excessive pressure is applied. This movement reduces stress which could lead to damage of the footplate, footrest attachment/locking components, and the side frame members. In order to work properly, the lower footrest "L" extension must be able to move freely. Installation is easy - using only a few tools.

Precautions

This device may allow the footrest to interfere with the rotation of the caster wheels. Care should be taken at the time of installation to insure there is sufficient space between the back edge of the footplate and caster wheel. If the footplates come in contact with the front casters, it is possible that the wheelchair could topple forward and the person in the chair could sustain injury. Individuals that have strong flexor (bending) movement pattern of the knees that cause the footplates to pull inward toward the caster wheels should be carefully evaluated before using this device. If this device comes in contact with the wheel during normal use, it should be adjusted to prevent this from happening, or be removed immediately! Miller's assumes no responsibility for injuries which may result from improper installation or use of this device.

Directions:

- DFC must be installed between the junction of the upper hanger and lower "L" extension of the footrest.
- Remove the lower "L" extension from the upper hanger. Some upper hanger brackets have an adjustment clamp welded to the lower end of the tubing. It will be necessary to cut off this clamp with a hacksaw.
- Slide the large end of the DFC into the end of the upper hanger bracket. The DFC should be positioned so that half of the device extends beyond the end of the upper hanger tube. Tighten the 2 hex bolts on the upper shaft collar to secure the DFC in place (these bolts should be tightened evenly).
- Slide the lower "L" extension up into the DFC and into the upper hanger. **The lower "L" extension tube must fit into the upper hanger tube for the DFC to work properly.** Position the lower extension at the correct length and orientation, and tighten the 2 hex bolts on the lower shaft collar (these bolts should be tightened evenly).
- Adjustment of footrest length can easily be accomplished by loosening the bolts on the lower shaft collar and retightening when the footplate is positioned correctly.



Caution: Care should be taken when installing the Dynamic Footrest Device on painted upper footrest hangers. Sliding this device into place or tightening the bolts to secure in place may blemish the paint. Miller's cannot assume responsibility for damage to the paint caused by installing or using this device.