

HALO SAFETY RING

MODEL: 77121 - COMPLETE HALO ALC

FEATURES AND BENEFITS

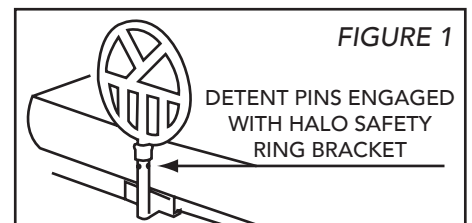
- Promotes bed mobility which can help to prevent skin breakdown.
- Prevents Zone 1-4 entrapment.
- Circular design with vertical mounting bar to prevent entrapment and allow for exit points for the neck, head, and chest.
- Easy removal for bed side transfers and bed therapy.
- Easy to install.
- Meets or exceeds FDA and Hospital Bed Safety Workgroup (HBSW) alternative dimensional and assessment guidelines established on March 10, 2006.
- Locking mechanism allows for rotation to assist resident exiting bed.
- 1000 lb. weight capacity.
- Lifetime Warranty.



- WARNING -



- Serious injury or death can result if the Halo Safety Ring is not properly installed.
- DO NOT use this product or any available optional equipment without first completely reading & understanding these instructions. If you are unable to understand the warnings, cautions or instructions, contact customer service at (800) 564-9248 for assistance before attempting to use this equipment - otherwise, injury or damage may occur.
- The Halo Safety Ring is not intended to prevent an individual from inadvertently rolling out of bed. DO NOT use the Halo Safety Ring for restraint purposes. DO NOT use to transport or move bed.
- ENTRAPMENT MAY OCCUR. Proper patient assessment and monitoring, and proper maintenance and use of equipment is required to reduce the risk of entrapment. Variations in mattress thickness, size or density could increase the risk of entrapment. Visit the FDA website at <http://www.fda.gov> to learn about the risks of entrapment.
- Remove bed rails and all bed rail mounting brackets prior to installation of the Halo Safety Ring.
- The Halo Safety Ring is rated for use with patients weighing up to 1000 lbs. Although the Halo Safety Ring is rated for such use, it may become deformed or broken if excessive force is exerted on the device.
- After installation, verify the mattress is in firm contact with the Halo Safety Ring and that the mattress cannot shift away.
- Detent pins used to rotate the Halo Safety Ring must be engaged with holes in the Halo Bracket prior to use, refer to Figure 1.
- The Halo Safety Ring must be perpendicular (90°) to the bed if used to assist the user out of a chair. Detent pins must be engaged with the holes in the Halo Safety Ring bracket prior to use as a patient assist.



!WARNING!
IMPROPER INSTALLATION CREATES A RISK OF ENTRAPMENT
In order to avoid entrapment, the mattress must remain in firm contact with the Halo Safety Ring on both sides of the bed. If a Halo Safety Ring is only installed on one side of the bed, the mattress must also remain in firm contact with the mattress stay/bracket on the other side of the bed.



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ITEMS INCLUDED IN THIS BOX

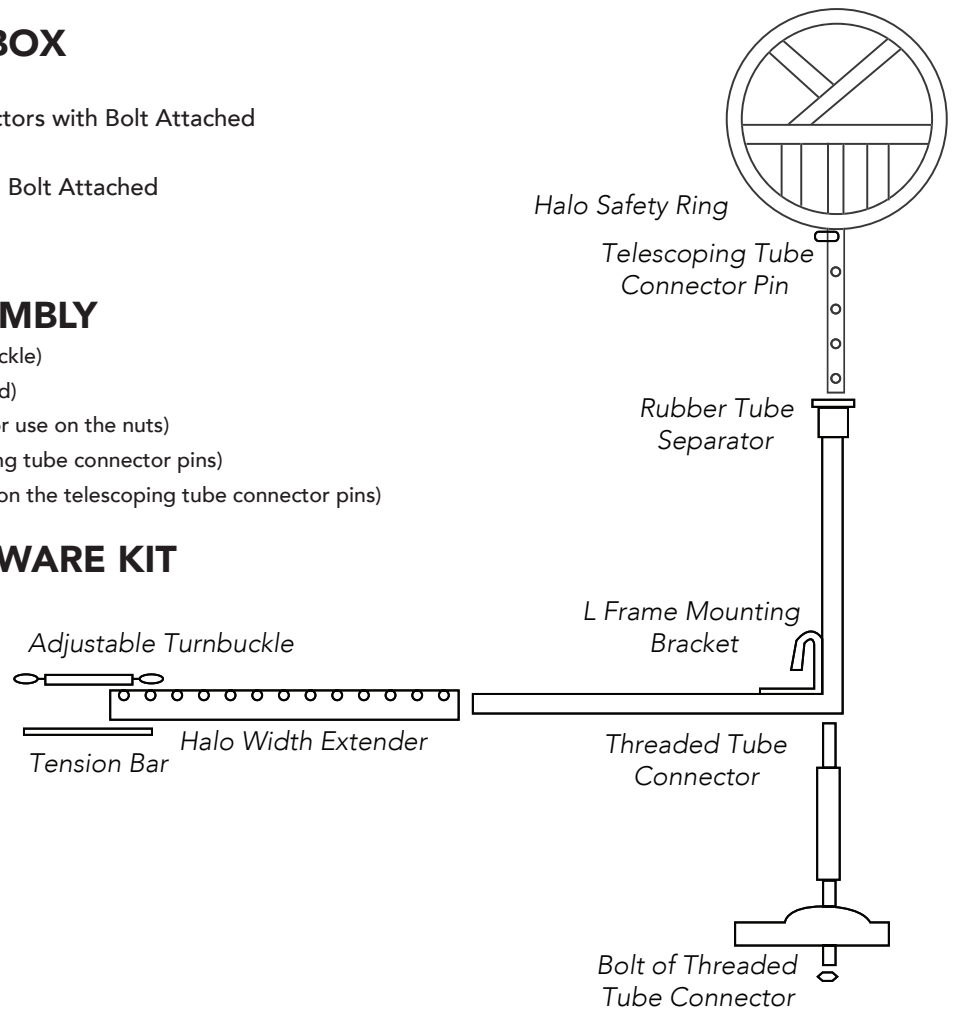
- 1 - Halo ALC Hardware Kit
- 2 - Halo ALC Circles with Telescoping Connectors with Bolt Attached
- 2 - Halo ALC Frame Mounting Bracket
- 2 - Halo ALC Threaded Tube Connectors with Bolt Attached
- 2 - Halo ALC Floor Plates
- 2 - Halo ALC width extenders

TOOLS NEEDED FOR ASSEMBLY

- 9/16" Open-End Wrench (for use on the turnbuckle)
- 1/2" Closed-End Wrench (for use on the bolt head)
- 1/2" Extension Socket with Ratchet Wrench (for use on the nuts)
- 6" Needle Nose Pliers (for use on the telescoping tube connector pins)
- 6" or 9" Flat Blade Long Screwdriver (for use on the telescoping tube connector pins)

INCLUDED IN EACH HARDWARE KIT

- 1 - Adjustable Turnbuckle
- 1 - Zinc Plated 8 1/2" Tension Bar
- 4 - 5/16" Zinc Plated Bolts
- 8 - 5/16" Zinc Plated Washers
- 4 - 5/16" Zinc Lock Washers
- 4 - 5/16" Zinc Nuts
- 2 - Extra Telescoping Tube Connector Pins



INSTALLATION STEPS:

- 1** Remove mattress & box spring from your bed before beginning installation.
- 2** Remove bed rails & all bed rail mounting brackets prior to installation of the Halo Safety Ring.
- 3** Assemble the sides of the Halo ALC (L frame mounting bracket, threaded tube connector, and floor plate). Directions outlined in assembly instructions.
- 4** Lift the frame of the bed off the ground and angle the L frame mounting bracket (which is assembled together with the threaded tube connector and floor plate) so the bracket lip is secured to the L frame of the bed.

*Installation steps continued on next page

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INSTALLATION STEPS: *(continued)*

- 5** Slide width extender over the L frame bracket - which has two holes drilled into the end of the bracket 1" apart.
- 6** Follow the above steps for the other side of the bed. Once both sides of the Halo ALC are mounted to the frame, adjust the width extenders for the appropriate width of the bed. (The difference between the width of a twin bed and that of a queen bed).
- 7** Loosen the Turnbuckle evenly on both sides so that there is at least a 1½" of thread showing on each side of the turnbuckle.
- 8** Take 1 bolt and washer and put over the top of the circle portion of the threaded part of the turnbuckle. Place it through the first hole of the width extender and tension bar on one side of the bed. Place the opposite end of the turnbuckle onto the other width extender hole with a washer and bolt through the top of the turnbuckle.
- 9** Loosen the Turnbuckle evenly on both sides so that there is at least a 1½" of thread showing on each side of the turnbuckle.
- 10** Apply another washer, lock washer, and nut. Loosely tighten until after the turnbuckle, tension bar, and hardware have been applied to both side of the width extenders.
- 11** With both bolts through the turnbuckle bolts and first holes of each width extender, slowly and gently tighten the turnbuckle by hand, making sure that the turnbuckle bolts do not become removed since they are not secured with nuts.
- 12** Tighten the turnbuckle enough so that the bolts slide through the tension bar (which is placed at the bottom of the ALC width extender).
- 13** Once the turnbuckle is pulled together enough to allow the tension bar to slide over the bolts that are coming through the width extenders, apply washer, lock washer and nuts.
- 14** Secure the turnbuckle as needed with a 9/16" open-end wrench. Secure all nuts and bolts using the appropriate socket wrench.
- 15** Tighten and secure all pieces as needed in order to confirm the base of the Halo ALC is stable.
- 16** Put your bed back together. Place the box spring and mattress onto the frame of the bed.
- 17** Insert the Halo ALC Circle onto the L frame mounting brackets that are sticking up on either side of your bed. With your thumb and middle finger, squeeze the telescoping tube connector pins into place. Slide the Halo ALC Circle over the rubber bracket spacer and lock it into the first hole position.
- 18** The base of the Halo Circle must line up with the top edge of the mattress. If adjustments are needed - take the two extra telescoping connector pins (included in the Halo ALC hardware kit) and place the pins into the hole that fits best to make the lowest part of the circle line up with the top of the mattress.
- 19** Use a needle nose pliers or flat blade long screwdriver to assist you when putting in the additional telescoping tube connector pins.

Your Halo Safety Ring is now installed and ready for resident use!



- WARNING -



- Mattress must remain in firm contact with the Halo Safety Ring on both sides of the bed. If a Halo Safety Ring is only installed on one side of the bed, the mattress must remain in firm contact with the mattress stay or mount bracket on the other side of the bed.
- In order to prevent entrapment in Zones 1 through 4 and create a protective sleep environment, two complete Carroll Circle Mounting Brackets must be installed on the same bed.

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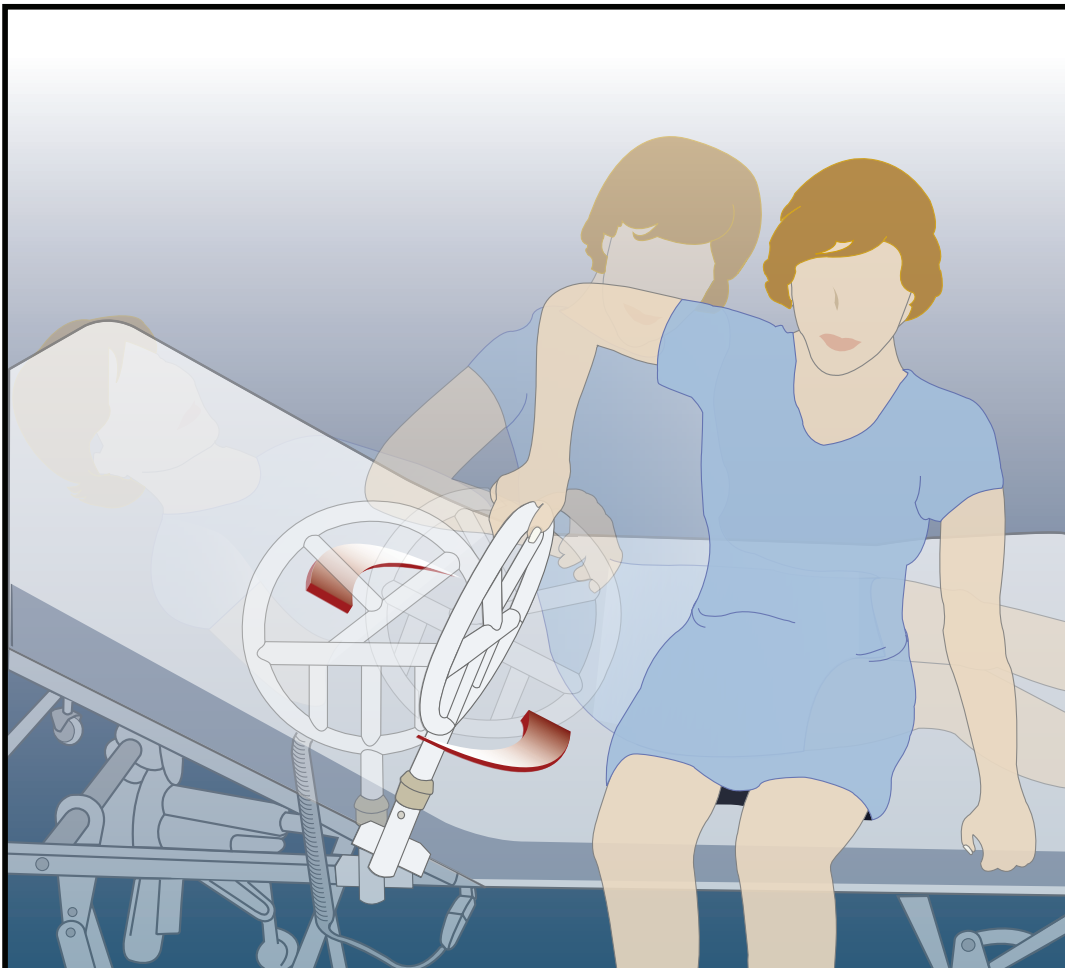
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INSTRUCTIONS FOR USE

The Halo Safety Ring can be grasped by the resident to assist in bed mobility. This can help build strength, increase independence, and help prevent skin breakdown.

The Halo Safety Ring is designed to rotate ninety degrees (90°) to assist residents during transfers and as a bed mobility device. Follow the steps for safely rotating the Halo Safety Ring.

- 1** In order to rotate the Halo Safety Ring, pinch the detent pins and rotate the Halo Safety Ring ninety degree (90°) as shown below.
- 2** Detent pins must engage with the holes in Halo Safety Ring bracket prior to use.
- 3** Always position the Halo Safety Ring parallel with the bed when in use and make sure detent pins are engaged.



SAFETY PRECAUTIONS:

- Regularly check the Halo device to identify areas of possible entrapment, immediately cease using the bed until entrapment risk is fixed.
- Regularly check to make sure that there is no gap between the Halo Safety Ring and the side of the mattress. A gap could allow the user to become wedged between the bed rail and the mattress.
- Follow all assembly instructions carefully. Failure to follow the instructions could result in serious injury to the user(s) of the product.

- WARNING -

Failure to return the Halo Safety Ring to a parallel position when the bed is in use may cause entrapment hazard.