

Description

Accessory Kit 031-4002 contains one Kwik Klip™ Patient Restraint System designed to secure a patient on the Model 59 or Model 59-T EZ Glide Evacuation Chair.

Continuous left and right straps attach to the top of the chair's back frame, crisscross the patient's chest, anchor to a connector strap at each side of the chair seat, then buckle across the patient's lap (see *Components*, below). Buckles are color coded.

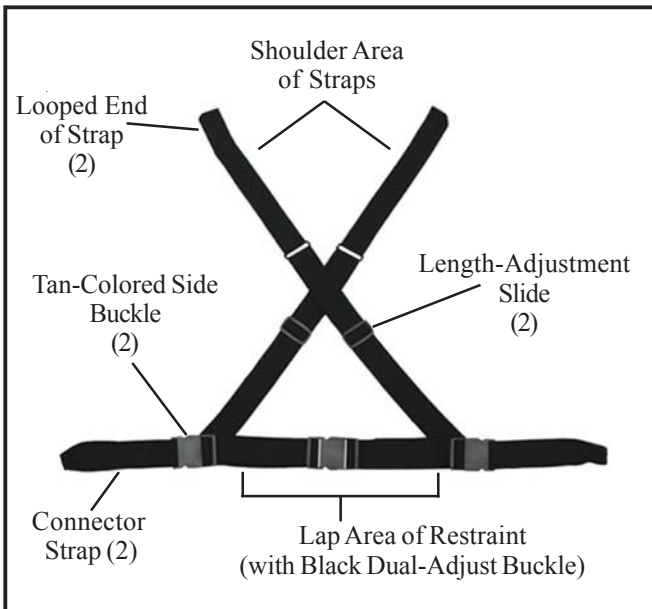
Important

The Kwik Klip™ is a secondary restraint and is **not** designed for use on cots or in any other situation requiring primary restraints.

⚠ WARNING

Improper use of the restraints can cause injury. Use the restraints only for the purpose described in this manual.

Components



General Specifications

Load Limit for System	500 lb/227 kg
Webbing	2 in. Polypropylene
Buckle Style	Side-Release
Buckle Material	Acetal

LOAD LIMIT



Inspect the restraint system if the load limit has been exceeded (see *Inspecting the Restraints*, page 4).

Safety Information

Boxes with Warning headings (see below) indicate a potentially hazardous situation which, if not avoided, could result in injury or death.

⚠ WARNING

Boxes with Important headings (see below) contain important product or usage information.

Important

Before Placing the Restraints In Service

1. Personnel who will work with the restraints need to read this manual and practice using the restraints.
2. Confirm that restraints operate properly. Follow instructions in *Inspecting the Restraints*, page 4.

⚠ WARNING

Improper operation of the restraints can cause injury. Operate the restraints only as described in this manual.

USING THE RESTRAINTS

Fastening and Unfastening Buckles

To fasten: slide the male half into the female half (Figure 1-A) until it latches with an audible click. Always confirm that the buckle is securely latched.

To unfasten: squeeze the buckle at the side-release points (Figure 1-B) until the male half unlatches and separates from the female half.

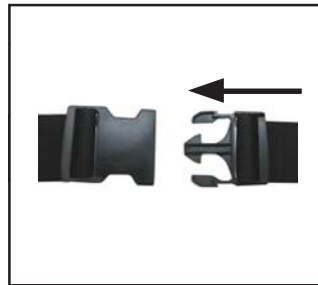


Figure 1-A - Fastening the Buckle

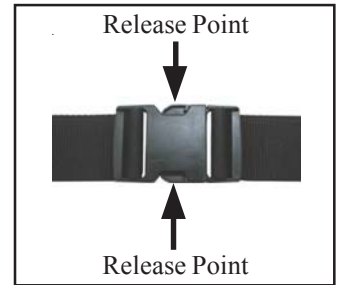


Figure 1-B - Unfastening the Buckle

Adjusting Restraint Length

Adjust restraint straps to hold the patient securely in the chair without impairing circulation or causing discomfort.

SHOULDER/CHEST AREA

To shorten: hold the adjuster slide at an angle to the strap and pull the top layer of webbing upward through the slide (Figure 2-A).

To lengthen: hold the adjuster slide at an angle to the strap and pull the single layer of webbing downward through the slide (Figure 2-A).

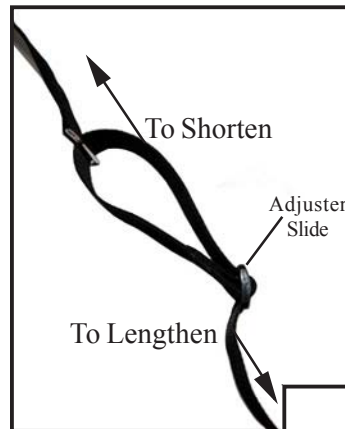


Fig 2-A - Adjusting Length of Shoulder/Chest Straps

LAP AREA

To shorten: unfasten the lap buckle, hold it at an angle to the strap, and pull the free end of the strap (Fig 2-B).

To lengthen: unfasten the lap buckle, hold it at an angle to the strap, and pull the buckle to slide it along the strap (Figure 2-B).

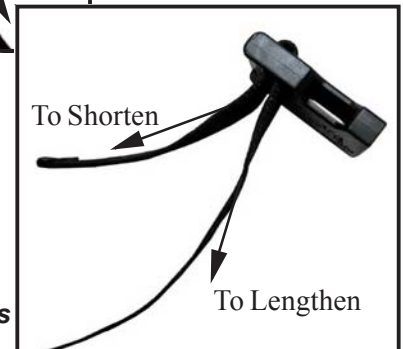


Fig 2-B - Adjusting Length of Lap Straps

Attaching the Restraints

The buckles that join the torso areas of the straps to the connector straps are tan color. The lap buckle is black.

1. Slide the looped end of one connector strap up through one of the seat-panel slots.
2. Wrap the buckle end of the strap up around the seat frame and thread it through the loop (Figure 3).
3. Pull the strap until it is tight around the seat frame.
4. Repeat Steps 1-3 to attach the second strap to the opposite side of the chair (Figure 3).



Fig 3 - Connector Straps Attached to Chair

SHOULDER STRAPS

1. Open the track if you are attaching the restraint to the Model 59-T (tracked) chair.
2. For Models 59 **and** 59-T, work from the back to the front of the chair. Slide the looped end of one shoulder strap through the horizontal slot at the top of the backrest panel (Figure 4).
3. Bring the other end of the strap up and thread it through the loop (Figure 4). Pull the entire strap through the loop until the strap is tight around the chair frame.
4. Lay the shoulder strap diagonally across the chair and connect the tan-color male and female buckle halves (Figure 5).
5. Repeat Steps 2-4 with the other shoulder strap.
6. Fasten the lap buckle (Figure 6).
7. Adjust shoulder and lap straps.
8. The restraint will secure the patient as shown in Figure 7 when properly attached. Follow local protocols for arm and hand confinement of patients.

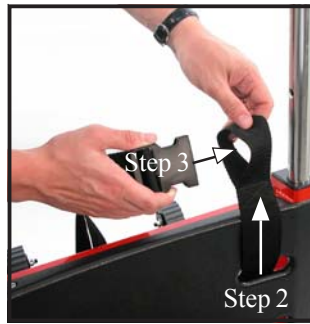


Figure 4 - Attaching a Shoulder Strap to the Chair



Figure 5 - Attaching a Shoulder Strap to a Connector Strap



Figure 6 - Lap Straps Buckled



Figure 7 - Patient Secured in Chair

MAINTENANCE

Maintaining the Restraints

The restraints require regular maintenance.

Set up and follow a maintenance schedule. Minimum intervals for maintenance are shown in the table at the right.

When using maintenance products, follow the manufacturers' directions and read the manufacturers' material safety data sheets.

Minimum Intervals for Maintenance

	Each Use	As Needed	Each Month
Disinfecting (page 4)	•		
Cleaning (page 4)		•	
Inspecting (page 4)		•	•

⚠ WARNING

Improper maintenance can cause injury. Maintain the restraints only as described in this manual.

Important

Polypropylene webbing can be damaged by bleach or high temperatures. Disinfect and clean restraints only as directed in this manual.

Disinfecting the Restraints

Ferno recommends that you visually inspect the restraints each time you disinfect them.

1. Remove restraints from chair.
2. Spray or wipe buckles and all surfaces of webbing with disinfectant. Follow the disinfectant manufacturer's instructions for contact time.

Cleaning the Restraints

1. Remove restraints from chair and buckle them.
2. Place restraints inside a mesh bag (not provided).
3. Wash restraints in the washing machine using warm water, a mild detergent, and gentle agitation. Do **not** use bleach.
4. Remove restraints from mesh bag and hang to dry. Do **not** put restraints in a dryer.
5. Reattach clean, dry restraints to the chair.

Inspecting the Restraints

The restraints require inspection at regular intervals. Set up and follow an inspection schedule.

To inspect restraints, attach them to the chair, work them through their functions as described in *Using the Restraints*, and follow the checklist below. Ferno recommends also inspecting the restraints for visible damage each time you disinfect them.

If inspection shows damage or excessive wear, remove the restraints from service and destroy them to prevent accidental use.

INSPECTION CHECKLIST

- Are all components present?
- Is restraint webbing in good condition with no cuts or frayed edges?
- Are restraint buckles free of visible damage?
- Do buckles open and close smoothly and fasten securely?
- Do straps adjust smoothly and properly?



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Ferno Customer Relations

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Limited Warranty Statement

The products sold by Ferno are covered by a limited warranty. The actual terms and conditions of the limited warranty, and the limitations of liability and disclaimers, are available upon request by calling 1-800-733-3766 or 1-937-382-1451.