

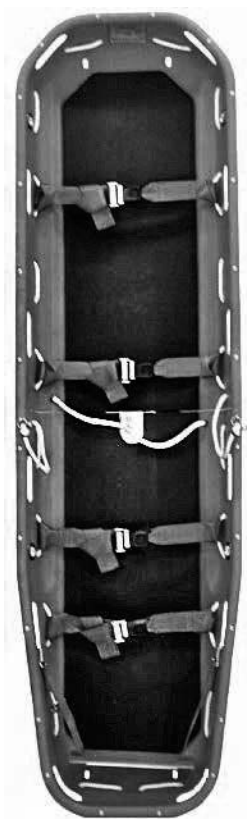


Model 71 Series

Basket Stretchers




Model 71



Model 71-S



Model 71-M

Read this Manual and Retain
for Future Reference 

FERNO®

Users' Manual

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Ferno Customer Relations

For ordering assistance or general information:

CANADA AND THE U.S.A.

Telephone (Toll-free)	1.877.733.0911
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Fax	1.937.382.1191
Internet	www.ferno.com

ALL OTHER LOCATIONS

For assistance or information, please contact your Ferno distributor. If you do not have a Ferno distributor, please contact Ferno Customer Relations:

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Disclaimer

This manual contains general instructions for the use, operation and care of this product. The instructions are not all-inclusive. Safe and proper use of this product is solely at the discretion of the user. Safety information is included as a service to the user. All other safety measures taken by the user should be within and under consideration of applicable regulations and local protocol. Training on the proper use of this product must be provided before using this product in an actual situation.

Retain this manual for future reference. Include it with the product in the event of transfer to new users. Additional free copies are available upon request from Customer Relations.

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Adverse Event Notice

In the event of an adverse event or serious incident related to the use of this device, the end user/operator must report the incident to Ferno-Washington, Inc. at 70 Weil Way, Wilmington, Ohio 45177 USA, 1-877-733-0911, or via email at tscoordinator@ferno.com. If the incident occurred in the European Union, report it to Ferno's Authorized EU Representative and the competent authority of the Member State in which the end user is established.



USERS' MANUALS

To request additional free users' manuals, contact Ferno Customer Relations, your Ferno distributor, or www.ferno.com.



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TABLE OF CONTENTS

Section	Page	Section	Page
Ferno Customer Relations _____	2	6 - Using the Stretcher _____	15
1 - Safety Information _____	4	6.1 Before Placing the Stretcher in Service _____	15
1.1 Warning _____	4	6.2 General Guidelines for Use _____	15
1.2 Notice _____	4	6.3 Transferring a Patient Onto the _____ Stretcher _____	16
1.3 Bloodborne Disease Notice _____	4	6.4 Carrying the Stretcher _____	17
1.4 Safety and Instruction Label _____	4	6.5 Sliding the Stretcher _____	17
1.5 Symbol Glossary _____	4	6.6 Using Models 71, 71-S in Water _____	17
2 - Operator Focus _____	5	7 - Technical Rescue _____	18
2.1 Operator Training _____	5	7.1 General Guidelines _____	18
3 - About the Stretcher _____	6	7.2 Technical _____ Rescue (Models 71, 71-S) _____	19
3.1 Stretcher Description _____	6	8 - Maintenance _____	20
3.2 General Specifications _____	6	8.1 Maintenance Schedule _____	20
3.3 Components _____	7	8.2 Disinfecting/Cleaning the Stretcher _____	20
4 - Setup _____	9	8.3 Disinfecting/Cleaning the Pad _____	20
4.1 Model 71-S _____	9	8.4 Disinfecting/Cleaning the Patient Restraints _____	21
4.2 Attaching and Adjusting the Foot Plate (Models 71, 71-S) _____	10	8.5 Inspecting the Stretcher _____	21
5 - Patient Restraints _____	11	9 - Parts and Service _____	22
5.1 Attaching Metal-Buckle Restraints _____	11	9.1 U.S.A. and Canada _____	22
5.2 Using Two-Bar, Three-Bar Restraints _____	12	9.2 Worldwide _____	22
5.3 Using Seat-Belt-Style Restraints _____	13	9.3 Parts List _____	22
5.4 Attaching and Using Hook-and-Loop Restraints _____	14	10 - Accessories _____	22
		Training Record _____	23
		Maintenance Record _____	23

1 - SAFETY INFORMATION

1.1 Warning

Warning safety alerts indicate a potentially hazardous situation that, if not avoided, could result in injury or death.

⚠ WARNING

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the stretcher.

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

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

An unattended patient can be injured. Stay with the patient at all times.

An unrestrained patient can fall off the stretcher and be injured. Use restraints to secure the patient on the stretcher.

Helpers can cause injury or be injured. Maintain control of the stretcher and direct all helpers.

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

Improper parts and service can cause injury. Use only Ferno parts and Ferno-approved service on the stretcher.

Modifying the stretcher can cause injury and damage. Use the stretcher only as designed by Ferno.

1.2 Notice

Notices emphasize important, but not hazard-related information. Failure to follow Notices could result in product or property damage.

NOTICE

1.3 Bloodborne Disease Notice

To reduce the risk of exposure to blood or other potentially infectious materials when using the stretcher, follow the disinfecting and cleaning instructions in this manual.

1.4 Safety and Instruction Label

The safety and instruction label places important information from the users' manual on the stretcher.

Read and follow label instructions. Replace the label immediately if it becomes worn or damaged. New labels are available from EMSAR, page 23, or your distributor.

The label below is affixed inside the head end of the stretcher.




**MODEL 71 SERIES
Basket Stretcher**

- Read the Users' Manual. For free manuals call: 1.800.733.3766 or 1.937.382.1451
- Use a lifting bridle with this stretcher only if the Users' Manual recommends such use. Attach and use the bridle according to the bridle manufacturer's instructions.

LOAD LIMIT 600 lb/272 kg

238-1368-00

1.5 Symbol Glossary

The symbols defined here are used on the stretcher and/or in this manual. Ferno uses symbols recognized by the International Standards Organization (ISO), American National Standards Institute (ANSI) and the emergency medical services industry.



General Warning of Potential Injury



Load Capacity
(Safe Working Load in pounds, kilograms, stone)



Read the Users' Manual



Operation Requires Two Trained Operators



Product meets European Union Standards



Unlocked



Locked



Authorized Representative in the United Kingdom and Canada

2 - OPERATOR FOCUS

2.1 Operator Training

Operator using the stretcher:

- must read and understand this manual.
- must have training on proper use of the stretcher.
- must have a training on emergency-medical service and emergency patient-handling procedures.
- must have the physical ability to assist the patient.
- must practice with the stretcher before using it with a patient.
- must keep training records. For a sample training record sheet, see "Training," page 23.



WARNING

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the stretcher.

NOTICE

Rescue procedures using ropes, harnesses, lifting bridles (spiders), and other specialized gear are considered technical in nature. They are potentially hazardous activities and require special skills. No rescue personnel should attempt technical rescue procedures unless they have received professional instruction and training.

3 - ABOUT THE STRETCHER

3.1 Stretcher Description

The Model 71 Series Basket Stretchers (called the stretcher or stretchers in this manual) are emergency patient-handling devices designed to transport patients to conventional cots or stretchers from areas that are difficult to access.

The stretchers are for professional use only. A minimum of two trained operators is required to carry a stretcher. Additional help may be needed for heavy loads.


There are four basket stretcher models in the 71 Series. The Model 71 is the series' standard basket stretcher. The Model 71-S splits in two pieces for compact storage or nested backpacking to a rescue site. The Model 71-M is suitable for certain industrial and mining environments where the use of metal is undesirable.

For details about individual models, see "Components" on pages 7-8.

3.2 General Specifications

Specifications for the stretcher are shown in the tables. General specifications are rounded. Metric conversions are calculated before rounding the Imperial measurement.

Ferno reserves the right to change specifications without notice. For more information, contact Ferno Customer Relations or your Ferno distributor (page 2).



Load Capacity

Inspect the stretcher if the load capacity has been exceeded. See "Inspecting the Stretcher," page 21.


WARNING

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



Read the Users' Manual



Operation Requires
Two Trained Operators

Stretcher Model			
	71	71-S	71-M
Length	86 in/218 cm	86 in/218 cm	86 in/218 cm
Width	24 in/61 cm	24 in/61 cm	24 in/61 cm
Depth	8 in/19 cm	8 in/19 cm	9 in/25 cm
Weight¹	23 lb/10 kg	24 lb/11 kg	28 lb/13 kg
Load Capacity²	600 lb / 272 kg / 42.9 st		
Temperature	-40°F to 140°F / -40°C to 60°C		

¹ Without foot plate and restraints.

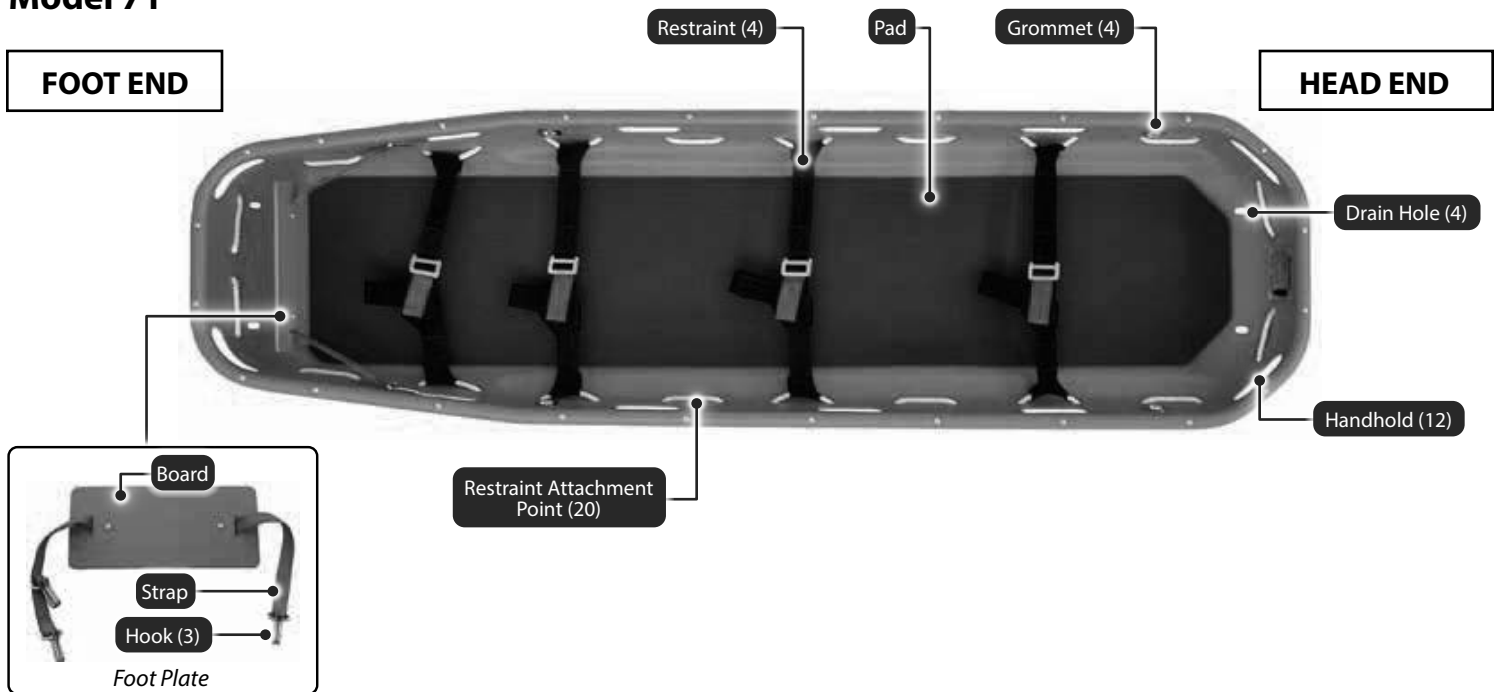
² Load capacity includes the combined weight of the stretcher, patient, life-support equipment, and, in some rescue situations, the rescuer.

About the Stretcher

Feature	71	71-S	71-M
High-Density Polyethylene Shell	•	•	•
Molded Runners	•	•	
Wood Runners			•
Heavy-Duty Aluminum Frame	•	•	
Heavy-Duty, Vinyl-Coated Aluminum Frame (plastic rivets)			•
Tapered Foot End	•	•	•
12 Handholds	•	•	•
Splits in Half and Nests for Storage/Backpacking		•	
Pre-rigged Nylon Rope for Attaching Restraints	•	•	•
Replaceable Foam-Filled, Heat-Sealed Vinyl Pad	•	•	•
Accommodates Standard 18" Tapered-Style Long Backboard	•	•	•
Foot Plate with Strap and Hooks	•	•	
4 Brass Grommets for Attaching Carabiners or Ropes	•	•	
Set of 4 Metal-Buckle Restraints	•	•	
Set of 4 Hook-and-Loop Restraints			•

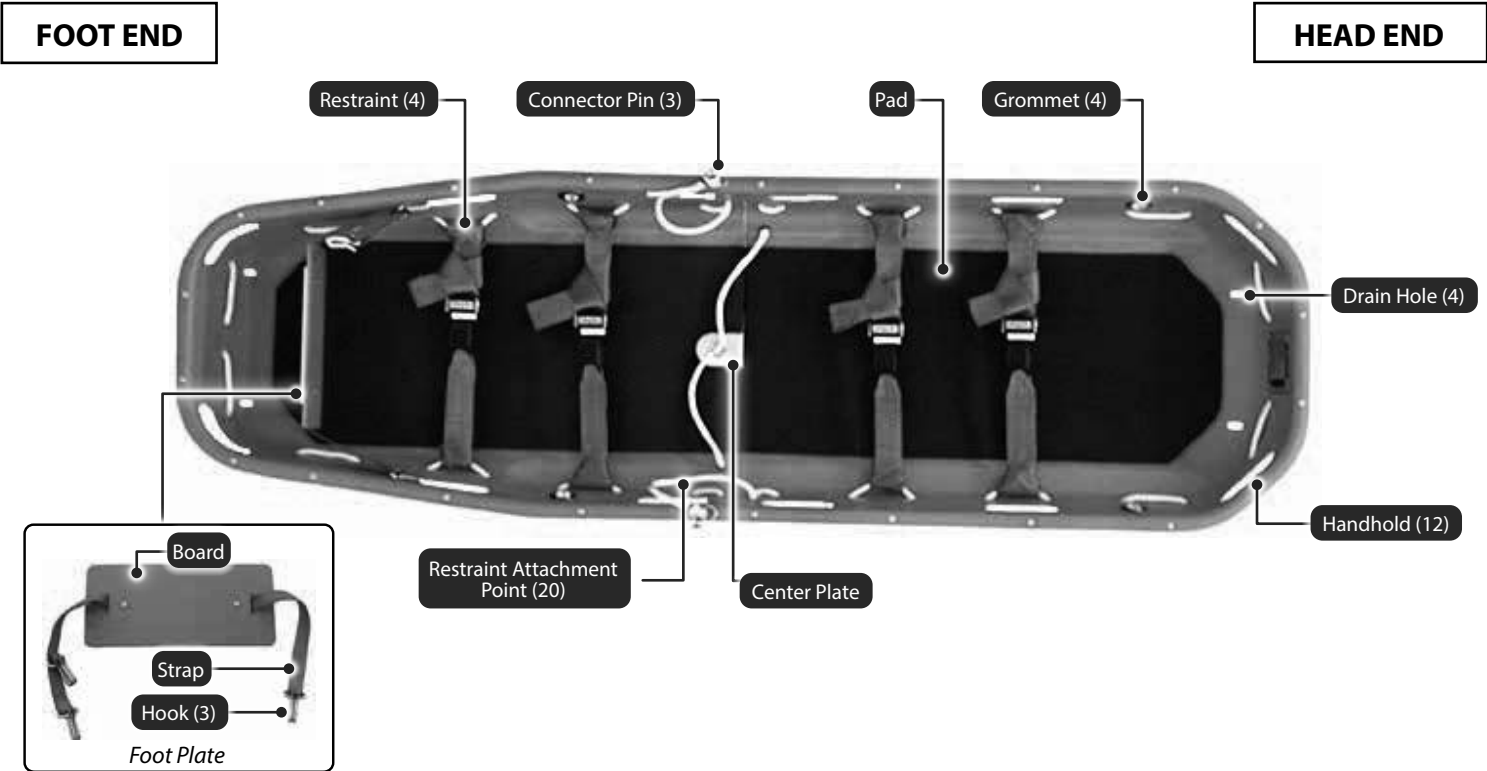
3.3 Components

Model 71

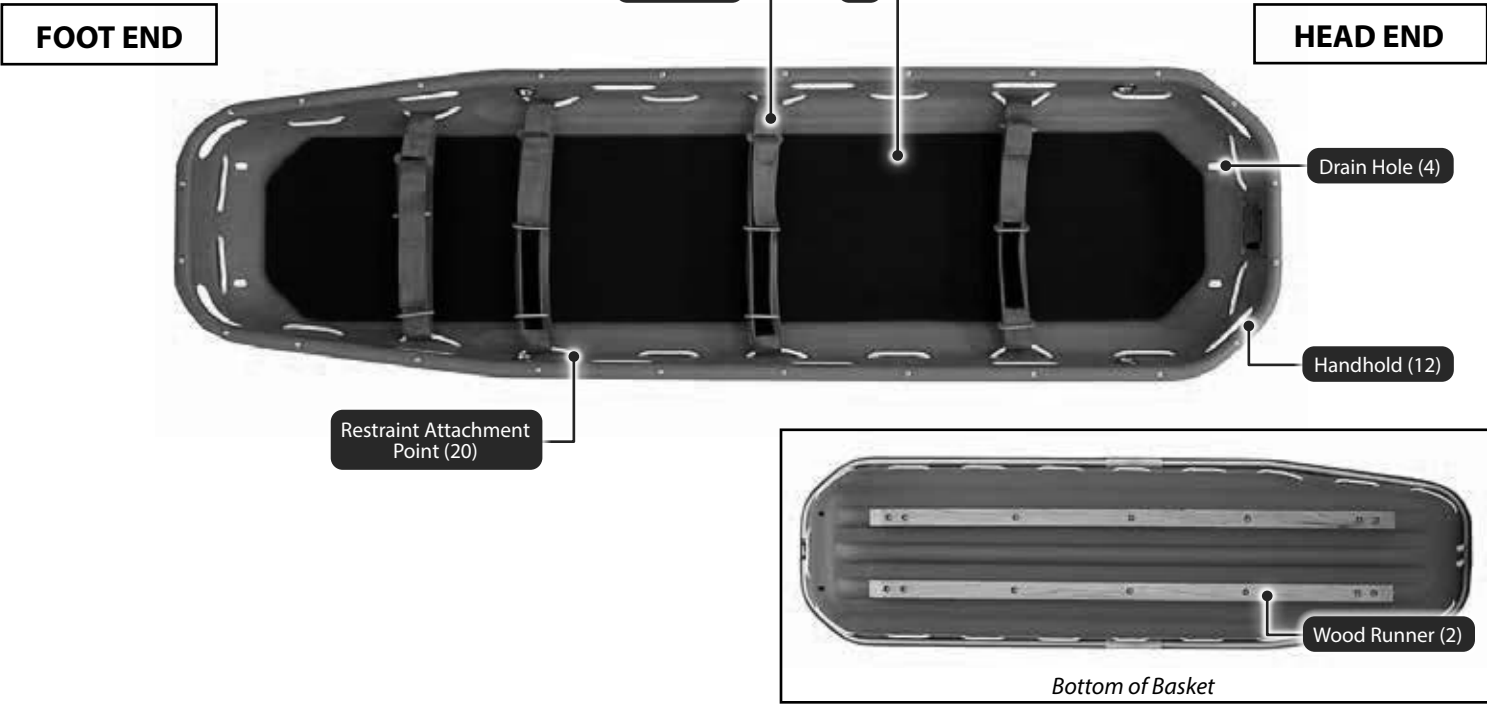


About the Stretcher

Models 71-S



Model 71-M



4 - SETUP

4.1 Model 71-S

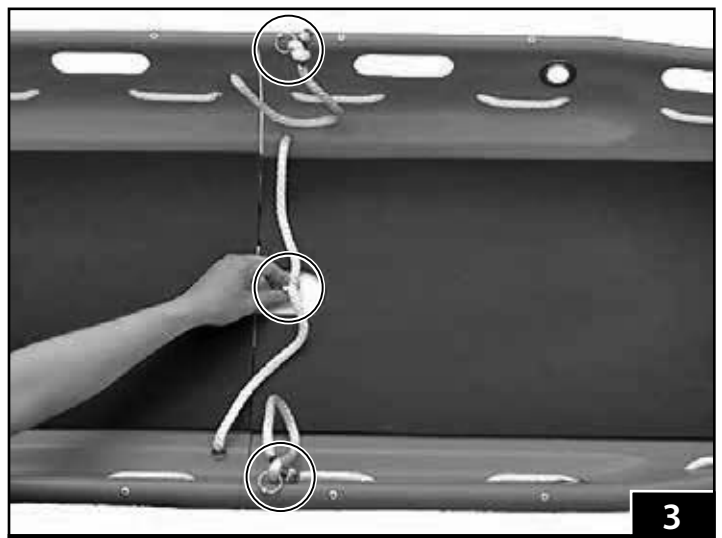
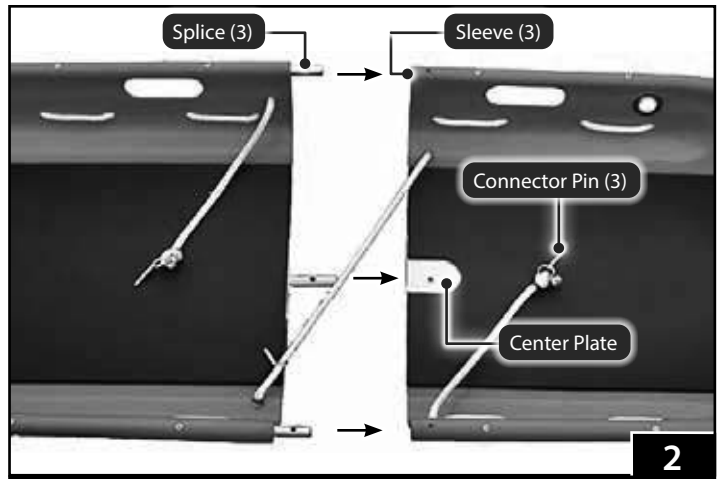
Models 71-S is a two-piece stretcher. The halves separate and nest for storage, or for compact backpacking to a rescue site (Figure 1).

To join the stretcher halves:

1. Align the three metal splices with the center plate and mating sleeves (Figure 2), then push the stretcher halves together until the holes align in the splices, center plate, and sleeves.
2. Insert the three connector pins into the mounting holes (Figure 3), and confirm the connector pins are inserted to full depth.

To separate the stretcher halves:

1. Remove the three connector pins from the center plate and sleeves.
2. Separate the two stretcher halves.
3. Nest the foot-end half of the stretcher inside the head-end half (Figure 1).



4.2 Attaching and Adjusting the Foot Plate (Models 71, 71-S)

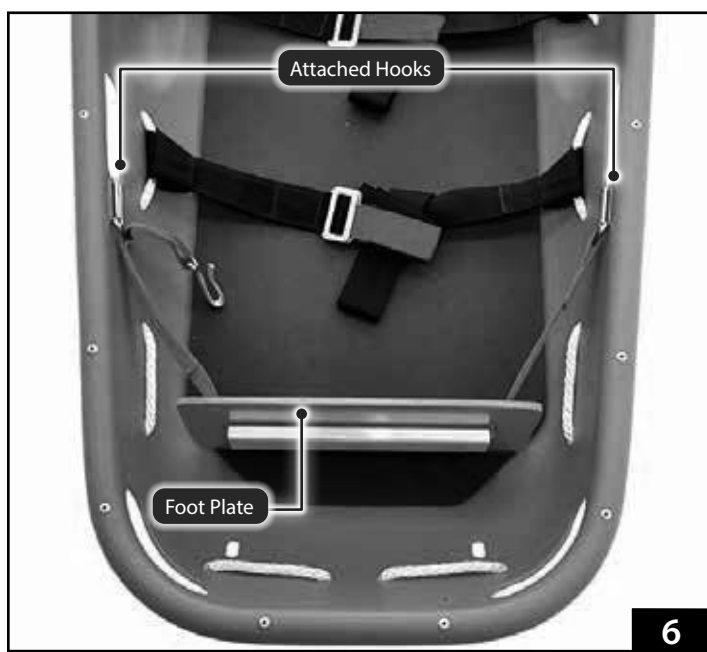
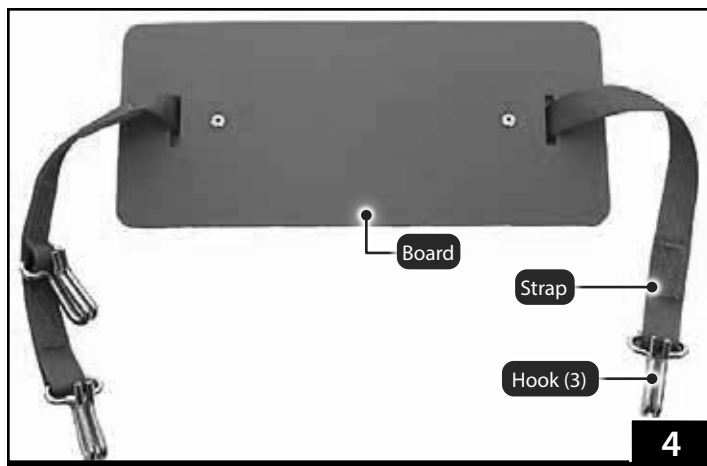
A foot plate is supplied with Model 71 and 71-S stretchers (Figure 4).

In technical rescue situations, or when the stretcher must be moved over uneven terrain, the foot plate is used to help keep the patient from sliding toward the foot end of the stretcher. It serves as one element of a restraint system that provides multi-directional stability for the patient.

ATTACHING THE FOOT PLATE

Tension hooks sewn onto the foot plate strap attach to the stretcher at handhold openings. One end of the strap is fitted with a single hook and the other is fitted with two hooks (Figure 4).

1. Slide the single hook onto the stretcher shell at the handhold opening closest to the patient's feet (Figure 5).
2. Attach the other end of the strap to the handhold opening on the opposite side of the stretcher (Figure 6). Choose the hook that positions the foot plate closest to the patient's feet.
3. Center the foot plate on the strap, parallel with the end of the stretcher (Figure 6). The foot plate should press firmly against the bottom of the patient's feet. It may be necessary to reposition the patient slightly to achieve this.



5 - PATIENT RESTRAINTS

5.1 Attaching Metal-Buckle Restraints

Four patient restraints are supplied with the stretcher. Metal restraints have seatbelt-style buckles or two-bar/three-bar style buckles.

Use all four supplied restraints to secure the patient on the stretcher. Do not use patient restraints for lifting, attaching equipment to the stretcher, or other purposes.

Additional restraints or a different restraint system may be required for certain rescue situations. Trained rescue personnel must select proper restraints for the rescue situation and patient condition.

All stretchers are pre-rigged with nylon rope that provides attachment points for a restraint system. Select attachment points appropriate for the rescue situation, the patient's size and condition, and the restraint system being used.

MODELS 71 AND 71-S

Both types of restraints supplied with the Models 71 and 71-S stretchers attach to the pre-rigged rope using the procedure below. To attach restraints:

1. Unbuckle the restraint to separate the straps.
2. Pass the looped end of the strap down between the rope and the stretcher at the selected attachment point (Figure 7).
3. Thread the buckle through the restraint loop and pull the free end until the loop is tight around the rope (Figure 8).
4. Attach the remaining strap to the attachment point on the opposite side of the stretcher.
5. Repeat Steps 1-4 to attach the remaining restraints.

NOTICE

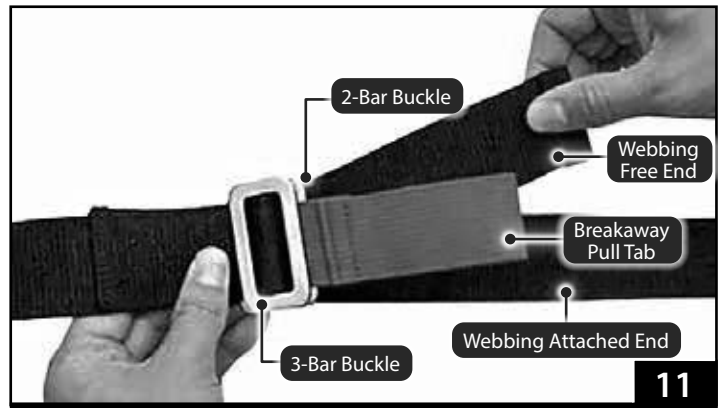
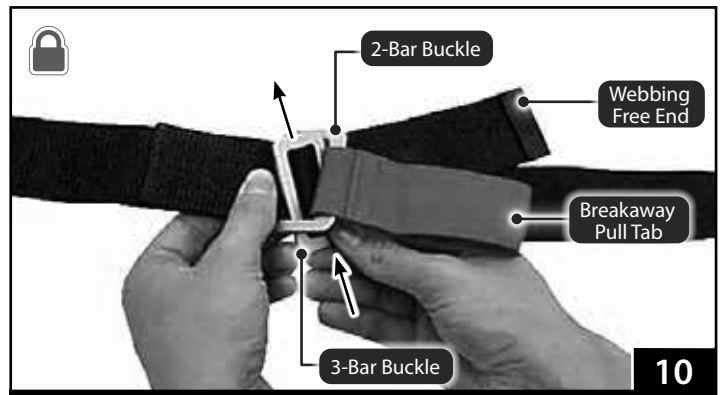
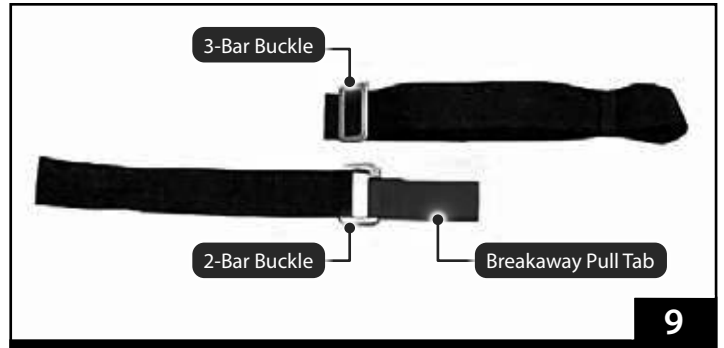
Rescue situations vary and may require a restraint system different from the one supplied with the stretcher. Trained rescue personnel must select proper restraints for the rescue situation and patient condition.



5.2 Using Two-Bar, Three-Bar Restraints

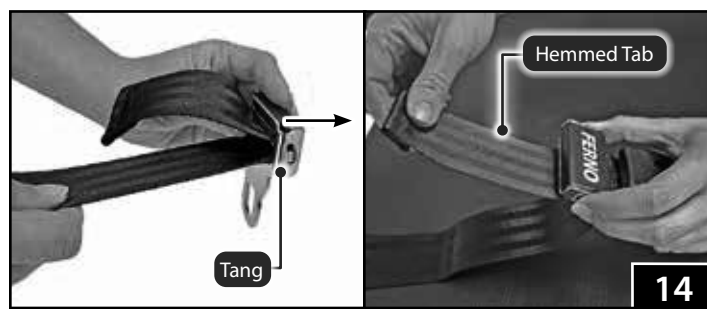
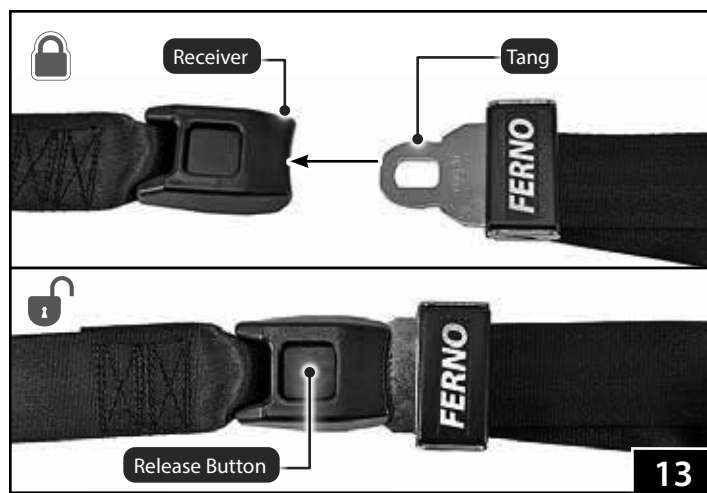
Components of the two-bar, three-bar style buckle system are shown in Figure 9.

- **Buckle:** To buckle the restraint, pass the three-bar buckle and webbing up through the opening in the two-bar buckle (Figure 10). Pull the free end of the webbing completely through the opening. Pull the free end of the webbing to seat the three-bar buckle on top of the two-bar buckle (Figure 11).
- **Tighten:** To tighten a restraint, pull the free end of the webbing.
- **Loosen:** To loosen a restraint, pull the red tab against the buckle (Figure 12). Continue pulling until the restraint is as loose as desired.
- **Unbuckle:** To unbuckle a restraint, first loosen it. Then, turn the three-bar buckle at an angle and pass it down through the open space in the two-bar buckle (Figure 10).



5.3 Using Seat-Belt-Style Restraints

- **Buckle:** Insert the tang into the receiver slot until it locks into place (Figure 13, top). Always confirm the buckle is securely fastened.
- **Unbuckle:** Press the release button in the center of the receiver (Figure 13, bottom) and separate the straps.
- **Lengthen:** Unbuckle the restraint. Then, grasp the tang and turn it perpendicular to the webbing. Pull the tang away from the attachment point until the restraint is the desired length (Figure 14, left).
- **Shorten:** Grasp the hemmed tab and pull the webbing through the tang slide bar assembly until restraint is the desired length (Figure 14, right).



5.4 Attaching and Using Hook-and-Loop Restraints

Model 71-M is supplied with hook-and-loop patient restraints for use in environments where metal buckles are undesirable.

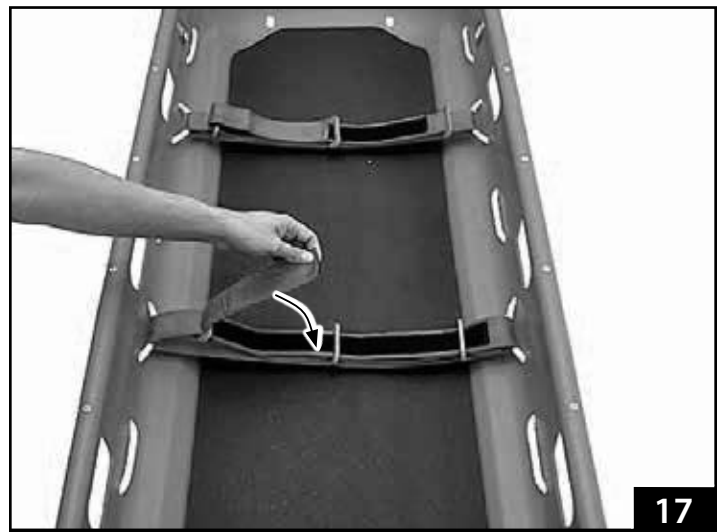
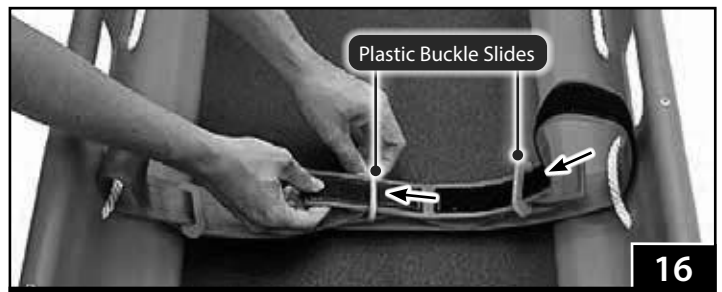
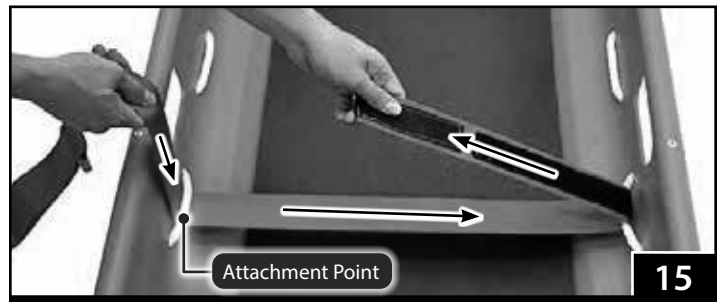
Hook-and-loop restraints are only for use when the basket stretcher is being carried horizontally, over a level surface. Do not use hook-and-loop restraints in a technical rescue situation, on an ambulance cot, or other device that requires primary restraints.

- **Attach:** To attach the restraint, pass the strap downward between the rope and the stretcher at the selected attachment point, then up between the rope and the stretcher at the attachment point on the opposite side of the stretcher (Figure 15).
- **Fasten:** To fasten the restraint, thread the hook-and-loop part of the restraint through the plastic buckle slides until the strap is the desired length (Figure 16). Then, fold the free end of the strap back over the buckle slide as shown in and then press it down firmly to engage the hook-and-loop strips (Figure 17).
- **Unfasten:** To unfasten the restraint, lift the end of the strap up to separate the hook-and-loop strips.
- **Remove:** To remove the restraint, pull the loose, unfastened strap back through the buckle slides.

NOTICE

Restraints with hook-and-loop closures are suitable only for use in a basket stretcher that is being transported in the horizontal position over a level surface. Do not use these restraints in any other type of rescue situation.

Do not use restraints with hook-and-loop closures on equipment requiring primary restraints, such as an ambulance cot.



6 - USING THE STRETCHER

6.1 Before Placing the Stretcher in Service

- Before use, personnel who will work with the stretcher must read and understand this manual. Appropriate skills and training are also required. See "Operator Focus" on page 5.
- Set up the stretcher, following the instructions in "Setup" page 9.
- Confirm that the stretcher, restraints, and foot plate operate properly. See "Inspecting the Stretcher" on page 21.

6.2 General Guidelines for Use

Medical advice is beyond the parameters of this manual. It is the operators' responsibility to ensure safe practices for the patient and themselves.

A **minimum** of two trained operators is required. In most rescue situations, operators will need additional help. For information about placement and direction of helpers, see "Carrying the Stretcher," page 17.

Operators must:

- Follow standard emergency patient-handling procedures when operating the stretcher.
- Communicate with one another and use coordinated movements to operate the stretcher.
- Stay with the patient at all times.
- Always use the supplied patient restraints or a restraint system suitable to the rescue situation.
- If ropes, winches, ladders, lifting bridles ("spiders") or other special equipment will be used, the procedure is considered high-angle or technical in nature and must be carried out only by specially-trained rescue personnel (see pages 18 and 19).

WARNING

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

An unattended patient can be injured. Stay with the patient at all times.

An unrestrained patient can be injured. Use patient restraints to secure the patient on the stretcher.



Load Capacity

Inspect the stretcher if the load capacity has been exceeded. See "Inspecting the Stretcher," page 21.



Read the Users' Manual



Operation Requires
Two Trained Operators

NOTICE

Before using a Series 71 stretcher in a technical rescue, read the information and instructions on pages 18-19.

6.3 Transferring a Patient Onto the Stretcher

Note: If the patient must be immobilized, follow your local protocols. Refer to Figure 18 for examples of compatible Ferno products.

1. Attach the pad to the stretcher by pressing the hook-and-loop pad and stretcher strips together.
2. If desired, line the basket with blankets to protect the patient from weather, to provide warmth, or for other factors.
3. Follow local protocols or your medical director's guidelines to transfer the patient onto the stretcher.
4. Secure the patient with the supplied restraints or with a restraint system selected by specially-trained high-angle rescue personnel.
5. Use additional restraints, rope, or other means to secure additional equipment to the stretcher.



65-EXL Scoop Stretcher



65 Scoop™ Stretcher



Millennia Backboard and
Model 445
Head Immobilizer
(sold separately)



Model 125 KED

6.4 Carrying the Stretcher

Carrying the stretcher requires a minimum of two trained operators positioned at opposite ends of the stretcher, facing each other.

Use additional help as needed.

The lead operator should maintain control of the stretcher and direct all helpers. Position helpers to keep the stretcher balanced and level. Refer to the chart for suggested placement of operators and helpers.

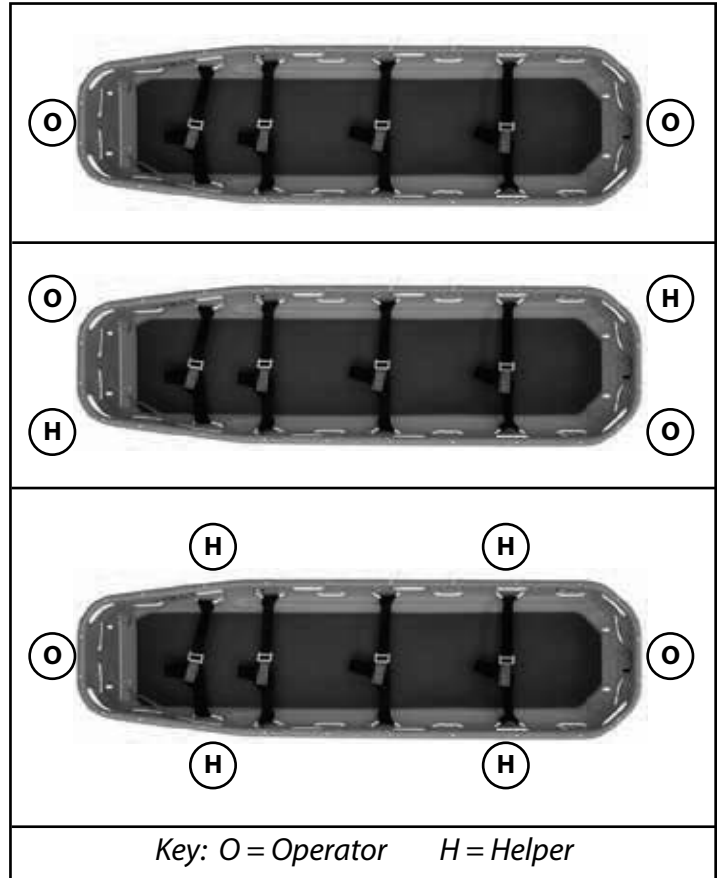
6.5 Sliding the Stretcher

In some rescue situations it may be necessary to slide the stretcher on its runners over the ground. Avoid rocks, stumps, branches or other hazards that could damage or penetrate the stretcher.

If ropes, winches, ladders, lifting bridles ("spiders") or other special equipment must be used, the rescue is considered high-angle or technical in nature and must be carried out only by specially-trained rescue personnel.

⚠ WARNING

Helpers can cause injury or be injured. Maintain control of the stretcher and direct all helpers.



6.6 Using Models 71, 71-S in Water

In a water rescue situation, models 71 and 71-S may be used in conjunction with Ferno's Model 471 Flotation Collar (Figure 19), sold separately.

Water-rescue situations are technical in nature and must be carried out only by specially-trained rescue personnel.

Refer to the Model 471 Flotation Collar users' manual for instructions on attaching, using, and maintaining the collar.

NOTICE

Using a stretcher in a water rescue situation requires the attachment of Ferno's Model 471 Flotation Collar (sold separately).



7 - TECHNICAL RESCUE

7.1 General Guidelines

Because rescue situations are rarely the same, this manual must be general in nature. It is the responsibility of personnel specially trained in technical rescue to select the proper stretcher, patient restraint system, and other equipment for each rescue situation.

Be aware, Model 71-M hook-and-loop-style patient restraints and other materials in the stretcher are not suitable for use in technical rescue. This stretcher can be identified by its wood runners, vinyl-covering over the aluminum frame, and by plastic rivets that secure the frame to the stretcher rim. If you are not sure which Series 71 model stretcher you have, contact Ferno Customer Relations (page 2) or your Ferno distributor with your stretcher's serial number.

GUIDELINES

- Models 71 and 71-S stretcher are suitable for horizontal and vertical lifting in certain technical rescue situations.
- **Model 71-M is not suitable for high-angle rescue. Do NOT use Model 71-M stretcher in a high-angle rescue situation.**
- The stretcher load capacity of 600 lb/272 kg includes the combined weight of the stretcher, patient, life-support equipment, and where applicable, a rescuer.
- When using technical rescue equipment with a stretcher, every component of the equipment must have a load rating at least equal to that of the stretcher.
- During a technical rescue, the stretcher may be suspended horizontally, vertically, or at an angle, and rescuers may slide or carry it at various angles. Secure the patient in the stretcher so that he or she does not slip lengthwise, slide from side to side, or come out of the stretcher.



WARNING

Untrained operators can cause injury or be injured. Permit only trained personnel to operate the stretcher.

NOTICE

Do not use the Model 71-M basket stretcher in a technical rescue situations. The hook-and-loop-style restraint closures, and some materials in the stretcher body, are not intended for, and are not suited to, use in these demanding rescue situations.

Rescue procedures using ropes, harnesses, lifting bridles ("spiders"), and other specialized gear are considered technical in nature. They are potentially hazardous activities and require special skills. No rescue personnel should attempt technical rescue procedures unless they have received professional instruction and training.

Personnel using the stretcher in technical rescue situations are responsible for knowing the techniques involved and for selecting the stretcher, patient restraint system and other equipment best suited to each rescue situation.

Load Capacity



The Load Capacity is the combined weight of the stretcher, patient, life-support equipment, and in some rescue situations, the rescuer.

Inspect the stretcher if the load capacity has been exceeded. See "Inspecting the Stretcher," page 21.

7.2 Technical Rescue (Models 71, 71-S)

It is the responsibility of specially-trained personnel to know the techniques involved in technical rescue and to select the equipment and procedures best suited to each rescue situation.

TIE-IN POINTS FOR LIFTING BRIDLES OR ROPES

For horizontal lifting/lowering, the stretchers are fitted with four brass grommets that provide tie-in points for ropes or carabiners (Figure 20).

For vertical lifting or lowering, handholds at the head end of the stretchers provide tie-in points (Figure 22).

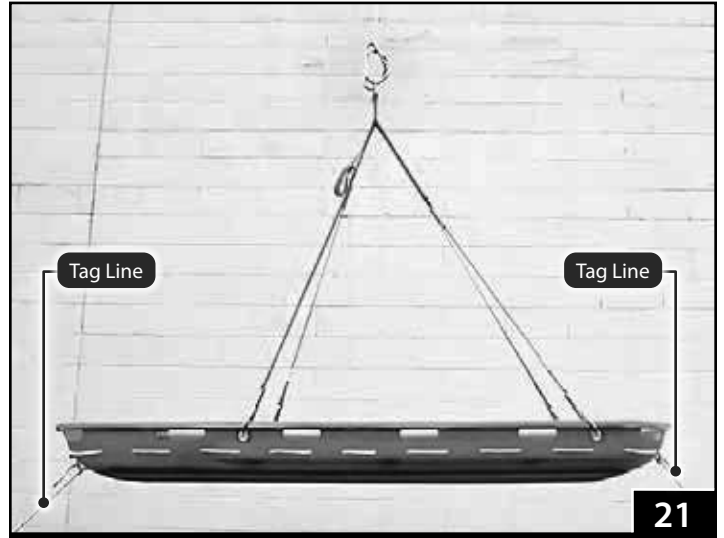
When using a lifting bridle ("spider") with the stretcher, attach and use the bridle according to the bridle manufacturer's instructions. Ferno's Model 418-1 Lifting Bridle is designed for use with the stretcher.

TAG LINES

Attach tag lines to the stretcher to allow rescuers to position or maneuver the stretcher and to prevent it from spinning (Figure 21 and Figure 22). Personnel trained in technical rescue must determine when to use and where to apply tag lines.

NOTICE

Read and understand all the information on page 20 before using any Series 71 stretcher in a technical rescue situation. Special training is required for technical rescue.



8 - MAINTENANCE

8.1 Maintenance Schedule

The stretcher requires regular maintenance. Set up and follow a maintenance schedule. The table at right represents minimum intervals for maintenance. Keep maintenance records. For a sample record sheet, see "Maintenance Record" on page 23. When using maintenance products, follow the manufacturers' directions and read the manufacturers' material safety data sheets.

8.2 Disinfecting/Cleaning the Stretcher

Remove the pad and restraints and wipe all surfaces with disinfectant, following the disinfectant manufacturer's instructions for application method and contact time. Ferno recommends you inspect the stretcher for damage as you disinfect it.

Hand wash the stretcher using warm water with a mild detergent. Rinse the stretcher with clear water. Dry with a towel or allow to air dry. Store the stretcher in a dry area.

8.3 Disinfecting/Cleaning the Pad

Remove the pad from the stretcher and inspect it. Replace the pad if it is ripped, punctured or damaged.

To disinfect: Apply disinfectant to the pad, following the disinfectant manufacturer's instructions for application method and contact time.

To clean: Hand wash the pad with warm, soapy water and a soft cloth. Rinse with clear water. Hang the pad to dry, or dry it with a towel.



WARNING

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

Minimum Maintenance	Each Use or Daily	As Needed	Monthly
Disinfecting (this page)	•		
Cleaning (this page, page 21)		•	
Inspecting (page 21)		•	•

NOTICE

The stretcher is constructed of high-density polyethylene (HPDE). High temperatures and/or direct sunlight may affect the performance and service life of the stretcher. Store the stretcher in a cool, dry area away from direct sunlight. Inspect the stretcher for cracks or discoloration of the material during your regular inspection. See "Inspecting the Stretcher" on page 21.

Disinfectants and cleaners containing phenolics or iodines can cause damage to the stretcher, restraints, and pad. Do not use products containing these chemicals. If bleach is used, rinse with plenty of clear water to remove bleach residue.

Using abrasive cleaning compounds or applicators on the stretcher can cause damage. Do not use abrasive materials to clean the stretcher.

8.4 Disinfecting/Cleaning the Patient Restraints

Remove the restraints from the stretcher before cleaning/disinfecting them. Reattach only clean, dry restraints.

TWO-BAR/THREE-BAR RESTRAINTS

Apply disinfectant to all surfaces of the restraint following the disinfectant manufacturer's instructions.

Buckle restraints, place in mesh bag (not supplied), and wash in an industrial washing machine using warm water, mild detergent, and gentle agitation. Hang restraints to dry. Do not place restraints in a dryer.

SEAT BELT-STYLE RESTRAINTS

Apply disinfectant/cleaner to the buckles and webbing according to the disinfectant manufacturer's instructions. To clean, immerse restraint webbing, but not buckles, in warm water with mild detergent. To rinse, immerse webbing in clear water. Hang restraints to dry. Do not place restraints in a dryer.

HOOK-AND-LOOP RESTRAINTS

Unfasten hook-and-loop restraints and apply disinfectant to all surfaces of the restraint according to the disinfectant manufacturer's instructions.

Wash restraints in washing machine using warm water, mild detergent, and gentle agitation. Hang restraints to dry. Do not place restraints in a dryer.

8.5 Inspecting the Stretcher

Have your service's equipment maintenance personnel inspect the stretcher regularly. Follow the checklist at right. If inspection shows damage or excessive wear, remove the stretcher from service until repair is made. See "Parts and Service" on page 22.

NOTICE

Disinfectants and cleaners containing phenolics or iodines can cause damage to the stretcher, restraints, and pad. Do not use products containing these chemicals. If bleach is used, rinse with plenty of clear water to remove bleach residue.

Metal buckles and slide bars can be damaged by immersion in liquids or by washing-machine action. Disinfect and clean only as described in the restraint users' manual packaged with the restraints.

Inspection Checklist

- Are all components present?
- Are all rivets securely attached?
- Is the stretcher basket free of punctures, cracks, deep gouges, and cuts?
- Inspect for discoloration of the orange HPDE material that could indicate wear or damage. Store the stretcher away from heat and direct sunlight.
- Is the stretcher frame free of bends and cracks?
- Is restraint webbing in good condition with no cuts or frayed edges?
- Are restraint buckles free of visible damage and do they operate properly?
- Is the pad free of cuts and punctures?
- Does the pad attach to the stretcher properly?
- **Split Basket (Model 71-S Only):** Are the center plate, connector pins, and splice pins and housings present and in good condition, and do the stretcher halves attach and detach properly?
- **Model 71-M:** Are runners in good condition and securely attached to the basket? Is vinyl covering in place on the frame and are the plastic rivets (basket to frame) securely in place?

9 - PARTS AND SERVICE

9.1 U.S.A. and Canada

In the United States and Canada, contact EMSAR, the only organization authorized by Ferno to manage, service, and repair Ferno products.



Telephone (Toll-free)	1.800.73.EMSAR
Telephone (Worldwide)	1.937.383.1052
Fax (Worldwide)	1.937.383.1051
Internet	www.EMSAR.com

9.2 Worldwide

To order Ferno parts, and for professional repair, contact your Ferno distributor. Your distributor is the only agent authorized by Ferno to manage, service, and repair Ferno products.

9.3 Parts List

Patient restraints are available from Ferno Customer Relations (page 2) or from your Ferno distributor.

The stretcher basket body (or body halves) and the metal frame are not available for the end user to install. These must be replaced by an EMSAR service center.

Note: Replacement pad is compatible only with stretchers after serial number 07-050801.

⚠ WARNING

Improper parts and service can cause injury. Use only Ferno parts and Ferno-approved service on the stretcher.

Modifying the stretcher can cause injury and damage. Use the stretcher only as designed by Ferno.

MODEL 71

Part	Description	Qty
039-0354	Pad* with Clips	1
090-1650	Rope with Clips	1
090-1670	Foot Plate with Stiffener Tube	1
039-0131	Foot Plate Strap and Clips	1

MODEL 71-S

Part	Description	Qty
039-0355	Stretcher Pad w/8 Clips, Head-End Half for 71-S	1
039-0356	Stretcher Pad w/8 Clips, Foot-End Half for 71-S	1
090-2060	Rope with Clips for 71-S	1
090-2080	Side and Center Connector Pins for 71-S	1
090-1670	Foot Plate with Stiffener Tube	1
039-0131	Foot Plate Strap and Clips	1

MODEL 71-M

Part	Description	Qty
039-0354	Stretcher Pad	1
090-1648	Wood Runner with Plastic Bolts	1
090-5529	Plastic Nuts and Bolts Kit for Two Runners	1
090-1649	Rope Only	1
039-0135	Patient Restraint Strap	1

10 - ACCESSORIES

Ferno offers a full line of accessories approved for use with the stretcher. Follow all instructions in accessory users' manuals. Keep the instructions with this manual.

When using accessories, be aware of any special considerations such as doorway heights and widths, or other factors which may be affected by the addition of the accessory/accessories to the stretcher.

Contact Ferno Customer Relations (page 2) or your Ferno distributor for product information.

⚠ WARNING

Attaching improper items to the stretcher can cause injury. Use only Ferno-approved items on the stretcher.

Description	Part Number
471 Flotation Collar	031-3943
418-1 Adjustable Lifting Bridle	031-2390
513-4 IV Pole for 71 & 71-S Stretchers	008-5480
430 Restraint, blk, 2-pc., w/ metal buckle	031-3892
Int'l. Restraint, org, 2-pc, w/ metal buckle	031-4008
416 Restraint, red, 2-bar, 3-bar buckle	031-3927
Restraint for 71-M Stretcher only	039-0135
71 Stretcher Pad w/16 clips	039-0354
71-S Stretcher Head-End Pad w/8 clips	039-0355
71-S Stretcher Foot-End Pad w/8 clips	039-0356

Aviation

Military

Mortuary

EMS

Rescue
