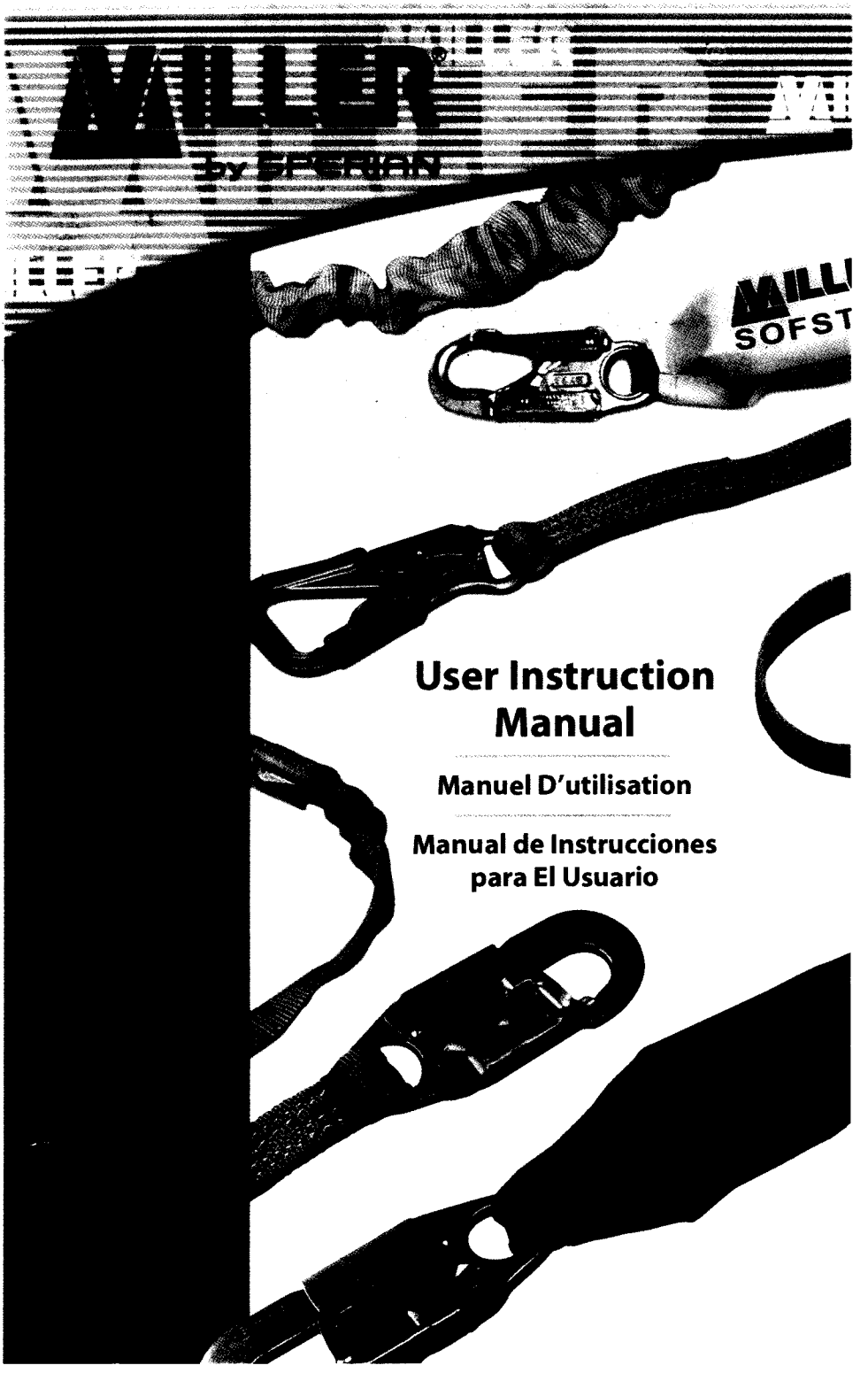

User Instruction Manual

Manuel D'utilisation

Manual de Instrucciones para El Usuario

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Índice

Thank You

Thank you for your purchase of Miller Fall Protection equipment. Miller brand products are produced to meet the highest standards of quality at our ISO 9001:2000 certified facility. Miller Fall Protection equipment will provide you with years of use, if cared for properly.

⚠ WARNING

All persons using this equipment must read, understand and follow all instructions. Failure to do so may result in serious injury or death. Do not use this equipment unless you are properly trained.

Questions?

CALL
1.800.873.5242

It is crucial that the authorized person/user of this fall protection equipment read and understand these instructions. In addition, it is the employer's responsibility to ensure that all users are trained in the proper use, inspection, and maintenance of fall protection equipment. Fall protection training should be an integral part of a comprehensive safety program.

Proper use of fall arrest systems can save lives and reduce the potential of serious injuries from a fall. The user must be aware that forces experienced during the arrest of a fall or prolonged suspension may cause bodily injury. Consult a physician if there is any question about the user's ability to use this product. Pregnant women and minors must not use this product.

1.0 General Requirements, Warnings and Limitations

All warnings and instructions shall be provided to authorized persons/users.

All authorized persons/users must reference the regulations governing occupational safety, as well as applicable ANSI or CSA standards. Please refer to product labeling for information on specific OSHA regulations, and ANSI and CSA standards met by product.

Proper precautions should always be taken to remove any obstructions, debris, material, or other recognized hazards from the work area that could cause injuries or interfere with the operation of the system.

All equipment must be inspected before each use according to the manufacturer's instructions.

All equipment should be inspected by a qualified person on a regular basis.

To minimize the potential for accidental disengagement, a competent person must ensure system compatibility.

Equipment must not be altered in any way. Repairs must be performed only by the manufacturer, or persons or entities authorized in writing by the manufacturer.

Any product exhibiting deformities, unusual wear, or deterioration must be immediately discarded.

Any equipment subject to a fall must be removed from service.

The authorized person/user shall have a rescue plan and the means at hand to implement it when using this equipment.

Never use fall protection equipment for purposes other than those for which it was designed. Fall protection equipment should never be used for towing or hoisting.

All synthetic material must be protected from slag, hot sparks, open flames, or other heat sources. The use of heat resistant materials is recommended in these applications.

Never use natural materials (manila, cotton, etc.) as part of a fall protection system.

Environmental hazards should be considered when selecting fall protection equipment. Equipment must not be exposed to chemicals which may produce a harmful effect. Polyester should be used in certain chemical or acidic environments. Consult the manufacturer in cases of doubt.

Do not allow equipment to come in contact with anything that will damage it including, but not limited to, sharp, abrasive, rough or high-temperature surfaces, welding, heat sources, electrical hazards, or moving machinery.

Always check for obstructions below the work area to make sure potential fall path is clear.

Allow adequate fall clearance below the work surface.

Never remove product labels, which include important warnings and information for the authorized person/user.

Maximum working load is 310 lbs. (140.6kg), including tools, unless labeled otherwise.

2.0 System Compatibility

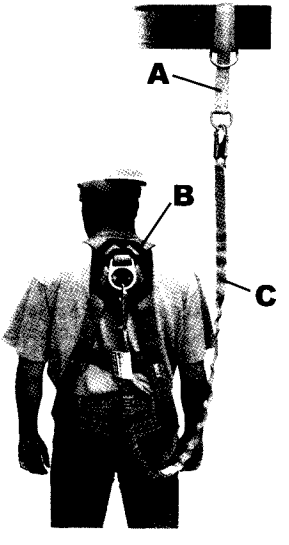
All Miller fall protection products are designed for use with Miller approved components. Substitution or replacement with non-approved component combinations or subsystems or both may affect or interfere with the safe function of each other and endanger the compatibility within the system. This incompatibility may affect the reliability and safety of the total system.

2.1 Miller Fall Protection Product Groups

A comprehensive fall protection program must be viewed as a "total system" beginning with hazard identification and ending with ongoing management review. Miller Fall Protection views its products as a "system within a system." Three key components of the "Miller System" need to be in place and properly used to provide maximum worker protection.

A. ANCHOR POINT/ANCHORAGE CONNECTOR

The first component is the anchor point/anchorage connector. The anchor point, also referred to as the tie-off point, is a secure point of attachment for connecting devices and must be capable of supporting 5,000 lbs. (22.2kN) per worker or meet OSHA 1926.502 requirements for a safety factor of two, such as an I-beam or other support structure. Anchorage connectors, such as the cross-arm strap and eyebolt, are sometimes necessary to make compatible connections between the connecting device and the anchor point.



B. BODY WEAR

The second system component is the personal protective gear worn by workers while performing the job. Miller Fall Protection manufactures full-body harnesses, positioning belts and body belts for use in specific work environments. Full-body harnesses are engineered to aid in the arrest of a free fall and should be worn in all situations where workers are exposed to a potential free fall. The full-body harness must be used in conjunction with shock-absorbing equipment to keep fall forces to a minimum. It is imperative that the harness be worn properly.

C. CONNECTING DEVICE

The third component of the system is the connecting device. The most important feature of the connecting device is the built-in shock absorber. Whether the connecting device is a shock-absorbing lanyard or self-retracting lifeline, they are designed to dramatically reduce fall arresting forces. Rope, web or cable lanyards being used for fall arrest MUST be used in conjunction with a shock absorber (i.e., Miller SofStop pack).

Individually, none of these components will provide protection from a fall. Used properly with each other, they form the "Miller System" and become a critically important part of the "total fall protection system."

⚠ 2.2 Component Warnings and Limitations

ANCHORAGES

- Anchorages must be capable of supporting 5,000 pounds (22.2kN) per worker or meet OSHA 1926.502 requirements for a safety factor of two.
- Anchorage requirements based on ANSI are as follows:
  - For fall arrest systems, anchorages must withstand a static load of 5,000 lbs. (22.2kN) for non-certified anchorages or two times the maximum arresting force for certified anchorages.
  - For positioning systems, anchorages must withstand a static load of 3,000 lbs. (13.3kN) for non-certified anchorages or two times the foreseeable force for certified anchorages.
  - For travel restraint, anchorages must withstand a static load of 1,000 lbs. (4.5kN) for non-certified anchorages or two times the foreseeable force for certified anchorages.
  - When more than one personal fall arrest system is attached to an anchorage, the above anchorage strengths must be multiplied by the number of personal fall arrest systems attached to the anchorage.
- Always work directly under the anchor point to avoid a swing-fall injury.
- Ensure that the anchorage connector is at a height that will not allow a lower level to be struck should a fall occur.
- When selecting an anchorage point, always remember that shock absorbers may elongate up to 3-1/2 feet (1.07m).
- Ensure that the anchor point is at a height that limits free fall distance to 6 feet (1.8m) or less.
- Anchorage connector must be compatible with snap hook or carabiner and must not be capable of causing a load to be applied to the keeper.
- Never use an anchorage connector which will not allow snap hook or carabiner keeper to close.

BODY WEAR

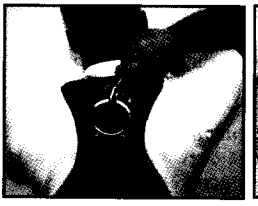
- Visually check all buckles to assure proper and secure connections before each use. All straps must be connected and adjusted to provide a snug fit.
- Fall protection connecting devices should be attached to the back D-ring of a full-body harness. A front D-ring attachment element may be used for fall arrest only in rescue, work positioning, rope access, and other ANSI Z359.1 recognized applications where the personal fall arrest system limits the maximum free fall distance to 2 ft. (0.6m) and limits the maximum arrest force to 900 lbs. (4.0kN).
- Side and front D-rings should be used for positioning only. (Note front D-ring exception above.)
- Shoulder D-rings should be used for retrieval only.
- Never attach non-locking snap hooks to a harness D-ring.
- Never attach rebar (pelican) hooks to a harness D-ring.
- Body belts should be used for positioning only.

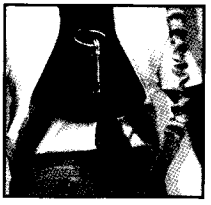
CONNECTING DEVICES

- Make only compatible connections.
- Use only connecting devices containing locking snap hooks or auto-locking carabiners.
- Always visually check that each snap hook and carabiner freely engages the D-ring or anchor point, and that its keeper is completely closed and locked.
- Never disable or restrict locking keeper or alter connecting device in any way.
- Make sure snap hook/carabiner is positioned so that its keeper is never load bearing.
- The use of shock absorbers is required to reduce fall arresting forces. Miller shock absorbers, constructed of polyester, limit maximum fall arrest force to 900 lbs. (4kN).
- Average arrest force = 874 lbs. (3.8kN)
- Shock absorbers can elongate up to 3-1/2 feet (1.07m). This maximum elongation distance must be considered when choosing an anchor point.
- Tie-off in a manner which ensures a lower level will not be struck should a fall occur.
- Connect in a manner that limits free fall to the shortest possible distance. [6ft. (1.8m) maximum]
- Never rig a two-legged lanyard to create more than a six-foot free fall.
- Never allow a retractable lanyard or lifeline to become slack.
- Never allow a lanyard, or either leg of a two-legged lanyard, to pass under or entwine around the user's arms, legs, neck or any other obstacle.
- Do not tie knots in lanyards or lifelines, or wrap around sharp, rough edges, or small diameter structural members.
- Do not attach multiple lanyards together, or attach a lanyard back onto itself unless it is specifically designed for that purpose.

3.0 Making Connections

3.1 Making Connections to the Body Support and Anchorage



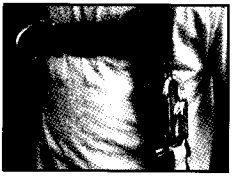


Connecting to the Body Support
For general fall protection, connect the lanyard to the back D-ring on the full-body harness. The shock absorber portion of the lanyard should be connected to the body support (back D-ring). When using a two-legged lanyard, connect only the center snap hook to the fall arrest attachment element.

Connecting to the Anchorage
Single leg lanyards: Connect the other end of the lanyard to anchorage or anchorage connector. Make sure connections are compatible in regards to size, strength, and shape.
Double leg lanyards: Connect one of the free ends of the lanyard to anchorage or anchorage connector. To retain 100% tie off, make sure at least one leg of the lanyard is connected at all times to an anchorage or anchorage connector of compatible size, strength and shape.

NOTE: CONNECT THE LEG OF THE LANYARD THAT IS NOT IN USE TO THE PULL-FREE LANYARD RING OR CLIP ONLY. Do not connect the spare leg of the lanyard to permanently fixed components of the harness (i.e., chest strap, side or front D-rings, etc.).

CORRECT



INCORRECT

3.2 Connecting Tie-Back Lanyards

Miller BackBiter Tie-Back Lanyards have a specially designed snap hook and webbing that allows connection back to the integral lanyard in a choking fashion (see Fig. 1). Titan T-BAK Lanyards are also designed for tie-back use by connecting the auto-lock carabiner back into the O-ring (see Fig. 2). Make sure the connection point is capable of supporting 5,000 lbs. (22.2kN) or meets OSHA 1926.502 requirements for a safety factor of two.

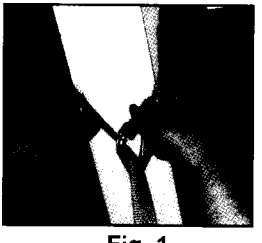
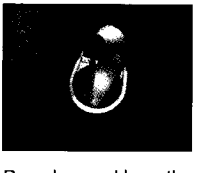


Fig. 1

Fig. 2

CAUTION: Do not attempt this type of connection with standard lanyards which are not specifically designed for such a connection. Failure to follow this warning may cause serious injury or death!

3.3 Connecting a Choke-Through Loop Lanyard



① Pass lanyard loop through underside of D-ring.

② Pull lanyard loop through D-ring then pass opposite end of lanyard through lanyard loop.

③ Pull the full length of the lanyard through loop and tighten choke by pulling on lanyard while adjusting loop evenly over D-ring.

3.4 Connecting a Lanyard with Integral O-Ring Extension Option

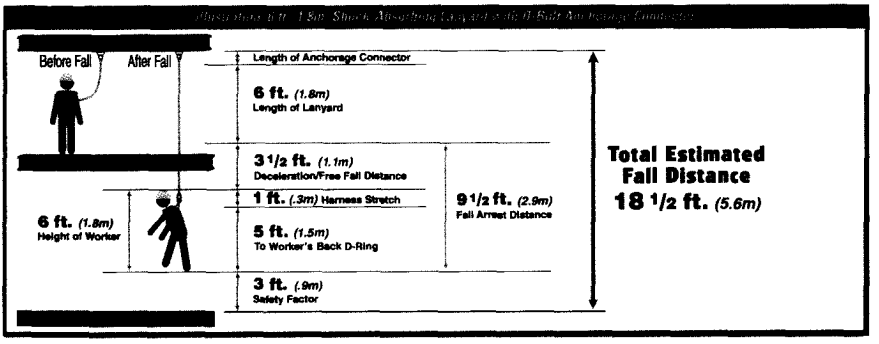
The O-Ring Extension Option is available on any Miller shock-absorbing lanyard and provides either a choke-through loop or snap hook on the O-ring extension end, which connects to the back D-ring of the harness. Once attached, the user may use the lanyard or a retractable, which is connected to the O-ring of the lanyard.

3.5 Connecting a D-Ring or O-Ring Extension

The O-Ring or D-Ring Extension is simply a separate webbing extension with a snap hook or loop on one end and a D-ring or O-ring on the other and is connected between the harness back D-ring and the lanyard being used as shown.

4.0 Calculating Fall Clearance Distance

It is important to understand how to calculate potential fall clearance to avoid contact with a lower level. The following diagram demonstrates a sample calculation using a shock-absorbing lanyard. When actually calculating fall clearance distance, the authorized person/user must consider all variables, including but not limited to, the height of the worker, the length of the lanyard, and the anchorage connector used, and then make necessary adjustments to the calculations.



1. When using a 6 ft. (1.8m) shock-absorbing lanyard and a full-body harness, first add the length of the shock-absorbing lanyard, 6 ft. (1.8m), to the maximum elongation of the shock absorber during deceleration, 3-1/2 ft. (1.1m).
2. Next, add the height to the worker's back D-ring, 5 ft. (1.8m) average, plus a harness stretch factor of 1 ft. (.3m).
3. Then, add 3 ft. (.9m) as a safety factor.
4. The Total, 18-1/2 ft. (5.6m) is the estimated safe fall clearance distance, the height at which you must attach to an anchorage to minimize the risk of contact with a lower level.

NOTE: A fall clearance calculation made from the anchor point must take into consideration the length of the anchorage connector being used.

If there is any question about calculating fall clearance distance, please contact Miller Fall Protection Technical Services Department at 1-800-873-5242.

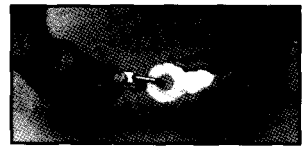
5.0 Inspection and Maintenance

Miller lanyards are designed for today's rugged work environments. To maintain their service life and high performance, lanyards should be inspected frequently. Inspect the lanyard thoroughly before each use. Regular inspection by a competent person for wear, damage or corrosion should be a part of your safety program. Inspect your equipment daily and replace it if any of the defective conditions explained in this manual are found.

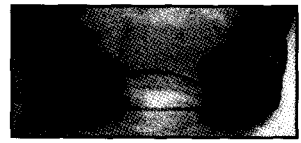
5.1 Lanyard Inspection

When inspecting lanyards, begin at one end and work to the opposite end. Slowly rotate the lanyard so that the entire circumference is checked. Spliced ends require particular attention. Hardware should be examined under procedures also detailed below, i.e., snap hooks, D-rings and thimbles.

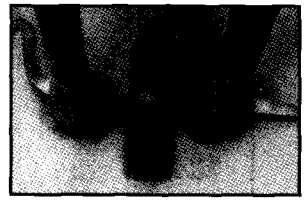
① **HARDWARE**
a. Snap hooks: Inspect closely for hook and eye distortions, cracks, corrosion, or pitted surfaces. The keeper (latch) should seat into the nose without binding and should not be distorted or obstructed. The keeper spring should exert sufficient force to firmly close the keeper. Keeper locks must prevent the keeper from opening when the keeper closes.
b. Thimbles: The thimble must be firmly seated in the eye of the splice, and the splice should have no loose or cut strands. The edges of the thimble must be free of sharp edges, distortion, or cracks.



② **WIRE ROPE LANYARD**
CAUTION: Always wear gloves when inspecting a wire rope lanyard; broken strands can cause injury!
While rotating the wire rope lanyard, watch for cuts, frayed areas, or unusual wearing patterns on the wire. Broken strands will separate from the body of the lanyard.



③ **WEB LANYARD**
While bending webbing over a pipe or mandrel, observe each side of the web lanyard. This will reveal any cuts, snags, or breaks. Swelling, discoloration, cracks, and/or charring are obvious signs of chemical or heat damage. Observe closely for any breaks in the stitching. Inspect lanyard warning flag for signs of activation. Titan tubular lanyards must be measured to determine activation.



④ **ROPE LANYARD**
Rotation of the rope lanyard while inspecting from end-to-end will bring to light any fuzzy, worn, broken or cut fibers. Weakened areas from extreme loads will appear as a noticeable change in original diameter. The rope diameter should be uniform throughout, following a short break-in period.

⑤ **PACK-TYPE SHOCK ABSORBER**
The outer portion of the pack should be examined for burn holes and tears. Stitching on areas where the pack is sewn to D-rings, belts, or lanyards should be examined for loose strands, rips, deterioration or other signs of activation.

5.2 Types of Material Damage

HEAT	CHEMICAL	MOLTEN METAL OR FLAME	PAINTS AND SOLVENTS
In excessive heat, rope/ webbing becomes brittle and has a shriveled brownish appearance. Fibers will break when flexed. Should not be used above 180°F.	Change in color usually appearing as a brownish smear or smudge. Transverse cracks when rope/ webbing is bent over a mandrel. Loss of elasticity in rope/ webbing.	Rope/webbing strands fuse together. Hard shiny spots. Hard and brittle feel.	Paint which penetrates and dries restricts movement of fibers. Drying agents and solvents in some paints will appear as chemical damage.

Contact Miller Technical Service Department at 800-873-5242 if you have any questions about the above chart.

5.3 Cleaning and Storage

Basic care of all Miller Fall Protection equipment will prolong the durable life of the unit and will contribute toward the performance of its vital safety function. Proper storage and maintenance after use are as important as cleansing the equipment of dirt, corrosives, or contaminants. Storage areas should be clean, dry and free of exposure to fumes or corrosive elements. Wipe off all surface dirt with a sponge dampened in plain water. Squeeze the sponge dry. Dip the sponge in a mild solution of water and commercial soap or detergent. Work up a thick lather, with a vigorous back and forth motion. Then wipe dry with a clean cloth. Hang freely to dry, but away from excessive heat, steam, or long periods of sunlight.

5.4 Life Expectancy of Miller Brand Lanyards

It is the position of Miller Fall Protection (MFP) to use a 5-year life expectancy from date of first use as a guideline on all lanyards. MFP provides this recommendation as a **general** guideline, and is not to be used in lieu of the lanyard inspection section of this manual. This guideline only applies to product exhibiting no visual damage and that has not been exposed to chemicals, abnormal heat, or excessive ultra-violet light. It is possible that the equipment will last longer depending on the care and use the equipment may see.

Following these instructions may still necessitate removing the lanyard from service prior to the expiration of the five-year life expectancy guideline. Likewise, proper adherence to the inspection and maintenance criteria may extend the useful life beyond five years. Ultimately, it is the responsibility of the authorized person/user to determine when a lanyard is unfit for use and should be removed from service. Products removed from service should be disposed of in a manner that prevents inadvertent further use.

Family Identification
Identification par Famille
Identificación de Familias de Productos

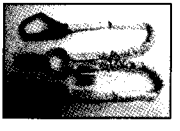
MILLER SHOCK-ABSORBING LANYARDS
CORDES D'AMARRAGE À ABSORBEUR D'ÉNERGIE
CUERDAS DE SEGURIDAD MILLER CON AMORTIGUACIÓN DE IMPACTO MILLER

Manyard & HP Manyard Shock-Absorbing Lanyards
Cordes d'amarrage à absorbeur d'énergie Manyard et HP Manyard
Cuerdas de seguridad Manyard y HP Manyard con amortiguación de impacto

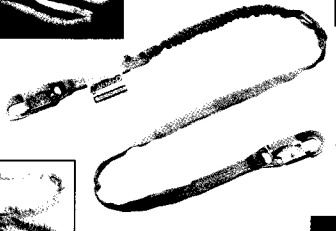
Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:

216WLS	216TWLS
219WRS	219TWRS
219WRXS	233TWLS
233WRS	233TWRS
233WLS	231TWRS
233WRXS	232TWLS
231WRS	266TWLS
231WRXS	266TWRS
232WLS	
266WRS	
216WO	
219WO	
231WO	
232WO	
266WO	
266WOR	


219WRS


231WRS


233WLS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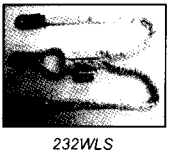
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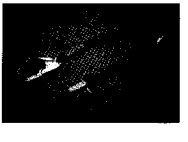
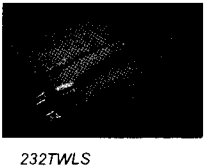
233TWRS




232TWLS

Manyard II Shock-Absorbing Lanyards
Cordes d'amarrage à absorbeur d'énergie Manyard II
Cuerdas de seguridad Manyard II con amortiguación de impacto

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:

216M
216MD
219M
219MD
233M
219MRX
233MRS
231M
232M

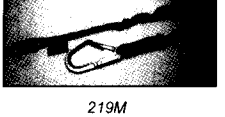
216MO
219MO
231MO
232MO
233MORS
266MO
266MOR

233M


232M


216M

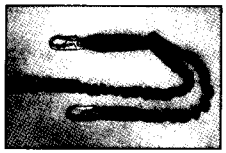
231M


219M

StretchStop Lanyards with SofStop Shock Absorber
Cordes d'amarrage StretchStop à absorbeur d'énergie SofStop
Cuerdas de seguridad StretchStop con amortiguador de impacto SofStop

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:

- 8798RSS
- 8798SS
- 913RSS
- 913SS



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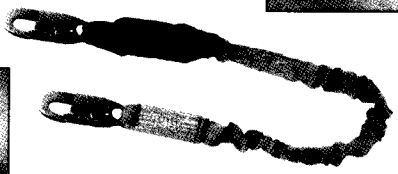

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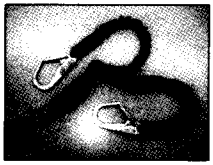
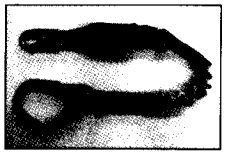


8798RSS

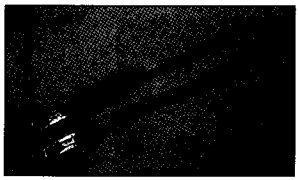


913RSS

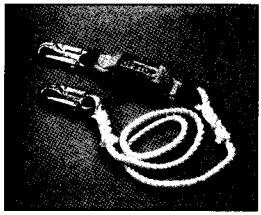
Lanyards with SofStop Shock Absorber and HP Lanyards with SofStop Shock Absorber
Cordes d'amarrage à absorbeur d'énergie SofStop et cordes d'amarrage HP à absorbeur d'énergie SofStop
Cuerdas de seguridad con amortiguador de impacto SofStop y cuerdas de seguridad HP con amortiguador de impacto SofStop

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:

- 910WLS
- 913K
- 913WLS
- 922WRS
- 928LS
- 8798
- 8798K
- 8798KR
- 8798R
- 8878
- 901RLS
- 903RLS
- 907K
- 907LS
- 907NLS
- 940WLS
- 980WLS
- 940K
- 947K
- 910TWLS
- 913TWLS
- 922TWRS
- 8798T
- 8798TR
- 8878T
- 8878TR

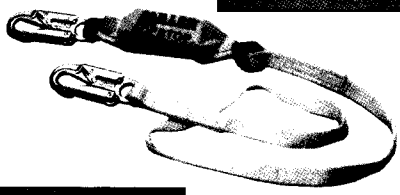


910WLS

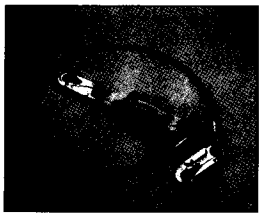


901RLS

913WLS



8878-6R

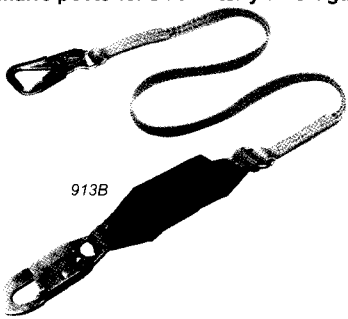


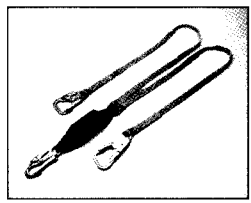
907NLS

MILLER TIE-BACK LANYARDS
CORDES D'AMARRAGE DOUBLES MILLER
CUERDAS DE SEGURIDAD MILLER CON AMARRE POSTERIOR

BackBiter Tie-Back Lanyards with SofStop Shock Absorber
Cordes d'amarrage doubles BackBiter à absorbeur d'énergie SofStop
Cuerdas de seguridad con amarre posterior BackBiter y amortiguador de impacto SofStop

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
8798B
8798BD
913B
913BD
940B

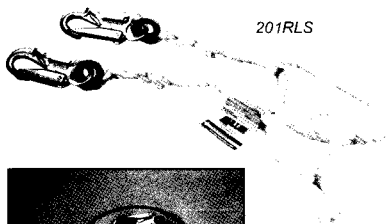

913B

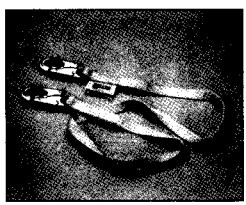

8798B

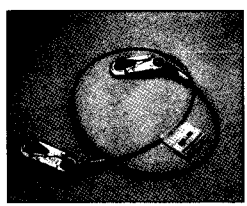
MILLER POSITIONING AND RESTRAINT LANYARDS
CORDES D'AMARRAGE MILLER SERVANT AU POSITIONNEMENT ET À LA RETENUE
CUERDAS DE SEGURIDAD MILLER PARA POSICIONAMIENTO Y LIMITACIÓN DE DESPLAZAMIENTO

Rope, Web and Wire Rope Lanyards
Cordes d'amarrage constituées par une corde, une sangle ou un câble métallique
Cuerdas de seguridad de fibra, tejidas y de alambre

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
198RLS
201RLS
202RRXS
202RRS
203RLS
204RLS
210WLS
212WLS
213WLS
226WRS
235WLS
235WRS
207LS
207NLS


201RLS


213WLS


207LS

MILLER O-RING AND D-RING EXTENSIONS
RALLONGES D'ANNEAU CIRCULAIRE ET D'ANNEAU EN D MILLER
EXTENSIONES CON ANILLO REDONDO Y CON ANILLO "D" DE MILLER

O-Ring Extension
Rallonge d'anneau circulaire
Extensión con anillo redondo

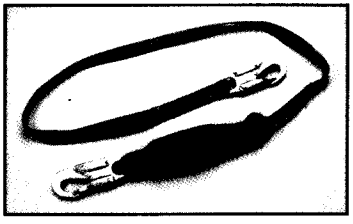
Base Model #:
Modèle de base n°:
Modelo base #:
8927

D-Ring Extension
Rallonge d'anneau en D
Extensión con anillo "D"

Base Model #:
Modèle de base n°:
Modelo base #:
8928

Titan Pack-Type Shock-Absorbing Lanyards
Cordes d'amarrage à absorbeur d'énergie à enveloppe compacte Titan
Cuerdas de seguridad Titan con amortiguación de impacto tipo paquete

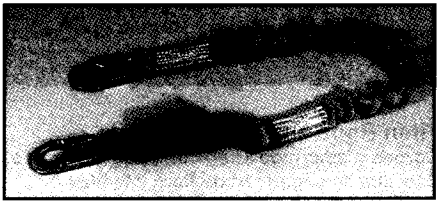
Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
- T6111
- T6111V
- T6112
- T6112V
- T6113



T6111

Titan Stretch Pack-Type Shock-Absorbing Lanyards
Cordes d'amarrage à absorbeur d'énergie à enveloppe compacte à allongement Titan
Cuerdas de seguridad Titan estirables con amortiguación de impacto tipo paquete

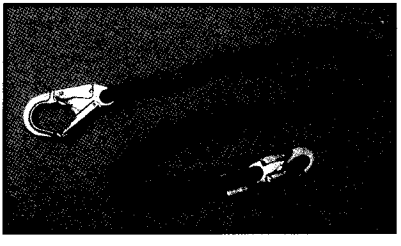
Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
- T6111SS
- T6112SS
- T6121SS
- T6122SS



T6111SS

Titan Tubular-Type Shock-Absorbing Lanyards
Cordes d'amarrage à absorbeur d'énergie tubulaire Titan
Cuerdas de seguridad Titan tubulares con amortiguación de impacto

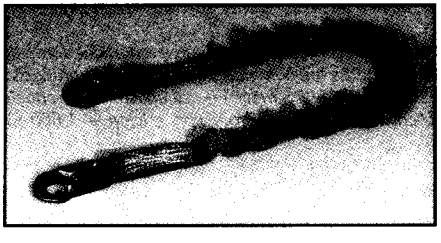
Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
- T5011
- T5111
- T5112
- T5113
- T5121
- T5122



T5113

Titan Stretch Tubular Built-In Shock-Absorbing Lanyards
Cordes d'amarrage à absorbeur d'énergie intégré tubulaire à allongement Titan
Cuerdas de seguridad Titan tubulares estirables con amortiguación de impacto integrada

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
- T5111SS
- T5112SS
- T5121SS
- T5122SS

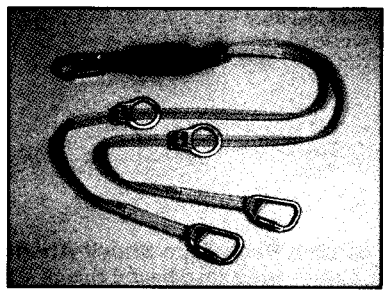


T5111SS

TITAN TIE-BACK LANYARDS
CORDES D'AMARRAGE DOUBLES TITAN
CUERDAS DE SEGURIDAD TITAN DE AMARRE POSTERIOR

Titan T-BAK Pack-Type Shock-Absorbing Tie-Back Lanyards
Cordes d'amarrage doubles à absorbeur d'énergie à enveloppe compacte T-BAK Titan
Cuerdas de seguridad Titan T-BAK de amarre posterior con amortiguación de impacto tipo paquete

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
T6111TB
T6121TB

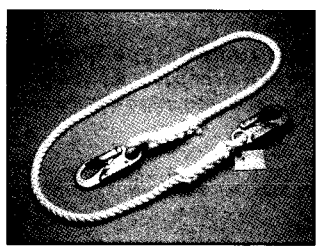


T6121TB

TITAN POSITIONING LANYARDS
CORDES D'AMARRAGE ET DE POSITIONNEMENT TITAN
CUERDAS DE SEGURIDAD TITAN PARA POSICIONAMIENTO

Titan Rope and Web Lanyards
Cordes d'amarrage Titan constituées par une corde et une sangle
Cuerdas de seguridad de fibra y tejidas

Base Model #'s:
Numéros des modèles de base:
Núm. de modelo base:
T9111R
T9111W
T9112R
T9112W



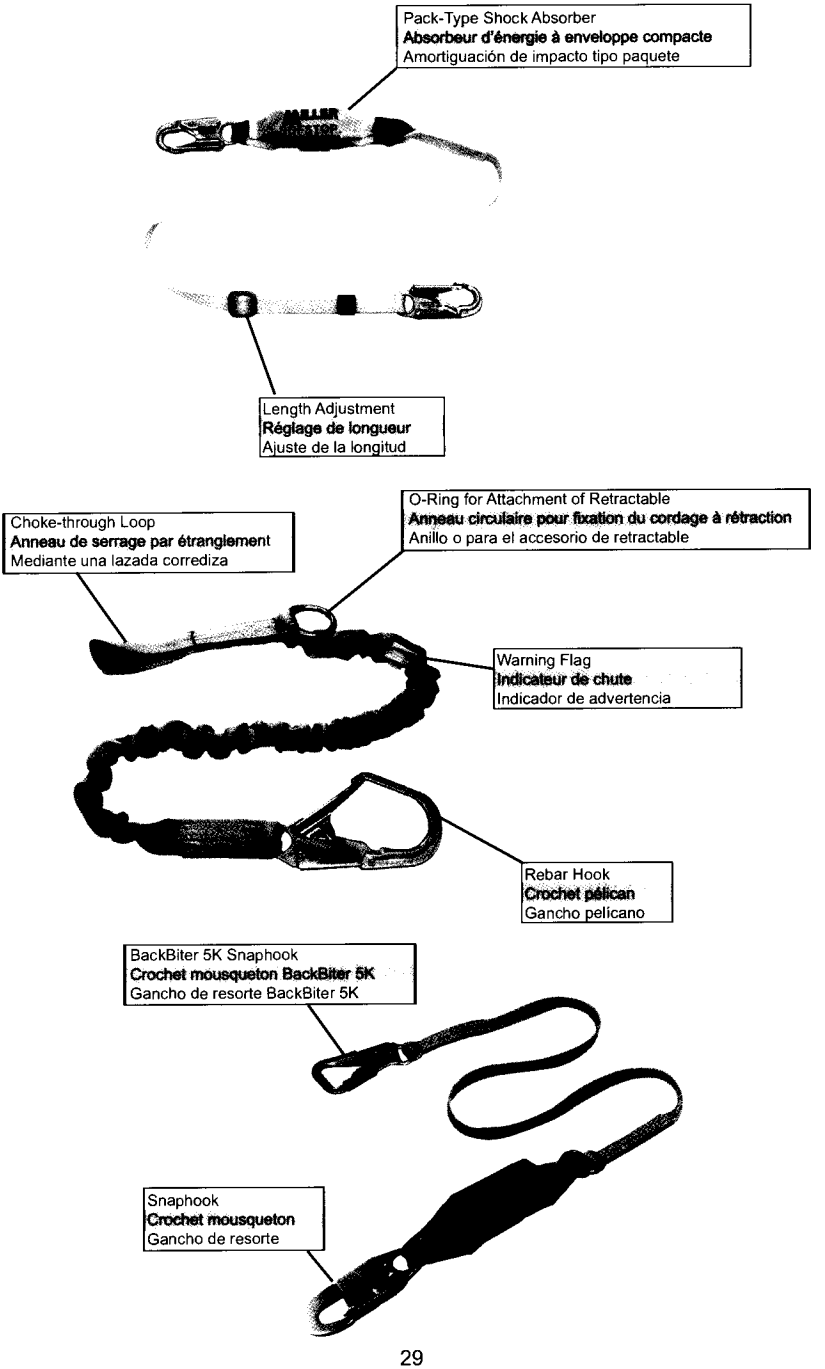
T9111R

All Miller lanyards and shock absorbers include this instruction manual. Special order and custom product model numbers may not be listed. If there is any doubt as to whether this instruction manual applies to your particular product, please contact Miller Fall Protection Technical Service Department at 1-800-873-5242.

Toutes les cordes d'amarrage et tous les absorbeurs d'énergie Miller sont accompagnés de ce manuel d'utilisation. Les numéros de modèles correspondant à des produits sur commande spéciale et sur mesure peuvent ne pas être indiqués ici. En cas de doute sur la validité de ce manuel d'utilisation pour votre produit particulier, veuillez contacter le Service technique Miller au 1-800-873-5242.

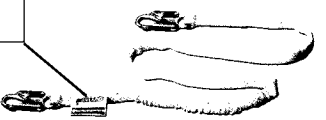
Todas las cuerdas de seguridad y amortiguadores de impacto Miller incluyen este manual de instrucciones. No se enumeran los números de productos de órdenes especiales y hechos a la orden. Si no sabe con seguridad si este manual de instrucciones se aplica a su producto en particular, comuníquese con el Departamento de Servicio Técnico de Miller Fall Protection, o llame al 1-800-873-5242.

Parts Identification
Identification des Pièces
Identificación de Piezas



Product Labels
Étiquettes sur les Produits
Etiquetas de los Productos

Manyard & Lanyard Product Label
Étiquette sur corde d'amarrage et produit Manyard
Etiqueta de producto de las cuerdas de seguridad Manyard



5											
4											
3											
2											
1											
YR	J	F	M	A	M	J	J	A	S	O	N	D

PUNCH GRID ON DATE OF FIRST USE

CAUTION: INSPECT BEFORE EACH USE

ATTACH THIS END TO HARNESS

AVERTISSEMENT: VOUS DEVEZ RESPECTER LES INSTRUCTIONS DU FABRICANT QUE VOUS AVEZ RECUES AVEC LE PRODUIT DANS LE CAS CONTRAIRE, VOUS RISQUEZ DES BLESSURES GRAVES OU MEME L'AMORT. CONTACTEZ MILLER FALL PROTECTION SI VOUS AVEZ BESOIN D UN NOUVEAU MANUEL.

EXPIRATION DATE: SEE MANUAL FOR INSPECTION.

ARRESTING FORCE 900 LBS.

ADVERTENCIA: DEBEN SEGUIRSE LAS INSTRUCCIONES DEL FABRICANTE PROVISTAS CON ESTE PRODUCTO AL MOMENTO DES DESPACHO: EL NO HACERLO PUEDE RESULTAR EN LESIONES GRAVES O LA MUERTE. SI SE REQUIRE EL MANUAL DE INSTRUCCIONES CONSULTE CON MILLER FALL PROTECTION.

WARNING: MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH. CONTACT MILLER FALL PROTECTION IF INSTRUCTION MANUAL IS NEEDED

- REMOVE FROM SERVICE IF ANY DAMAGE IS DETECTED
- BE CONNECTED TO D-RINGS ON HARNESSES AND BELTS
- SNAPHOOKS WITH GATE OPENINGS LARGER THAN ONE INCH (1") [2.54cm] MUST NOT
- SPARKS OR TEMPERATURES ABOVE 180 DEGREES F (82 DEGREES C).
- DO NOT ALLOW MANYARD TO CONTACT SHARP OR ABRASIVE SURFACES.
- USER MUST ALLOW FOR 3'-6" (1.07m) EXTENSION DISTANCE BEYOND THE STATED LENGTH OF THE MANYARD
- THAN SIX FEET (6') [1.83m].
- RIG MANYARD TO ALLOW A MAXIMUM FREE FALL DISTANCE OF NOT MORE
- TO SUPPORT 5,000 LBS (22kN).
- CONNECTORS AND ANCHORAGE POINTS MUST BE COMPATIBLE AND ABLE

WARNING:

1-800-873-5242 PAT. 4,253,541 M.P.N. 9350370 LB954 REV. A

DO NOT REMOVE THIS TAG

ATTACH THIS END TO HARNESS

CAUTION: INSPECT BEFORE EACH USE

MILLER by SPERIAN

MANYARD®

SHOCK-ABSORBING LANYARD

Date of Manufacture:
Expiration Date: See manual for inspection.
Compliance:

Made in USA
DO NOT REMOVE THIS LABEL.

LB957 Rev A

Model/Size:

WO#:

Inspection No.:

Material:
Capacity:
CSA Class:

Contact Miller Fall Protection if instruction manual is needed. Max. Arrest Force 900 lbs.; Max. Free Fall Distance of not more than 6-ft.; Max. Extension 3'-6" beyond stated length. Remove from service if product has been subject to a fall.

▲ *This variable label is included on all Manyard and Manyard II Shock-Absorbing Lanyards.*

Cette étiquette sur laquelle les inscriptions varient est apposée sur les cordes d'amarrage à absorbeur d'énergie Manyard et Manyard II.

Esta etiqueta variable se incluye en todas las cuerdas de seguridad Manyard y Manyard II con amortiguación de impacto.

DO NOT REMOVE THIS TAG

ATTACH THIS END TO HARNESS

CAUTION: INSPECT BEFORE EACH USE

MILLER

by SPERIAN

MANYARD II

SHOCK-ABSORBING LANYARD

ATTACH THIS END TO HARNESS

CAUTION: INSPECT BEFORE EACH USE

PUNCH GRID ON DATE OF FIRST USE												
YR	J	F	M	A	M	J	J	A	S	O	N	D
1												
2												
3												
4												
5												

MODEL/LENGTH:

DATE:

MATERIAL:

CAUTION: INSPECT BEFORE EACH USE

PUNCH GRID ON DATE OF FIRST USE												
YR	J	F	M	A	M	J	J	A	S	O	N	D
1												
2												
3												
4												
5												

DO NOT REMOVE THIS TAG

CAUTION: INSPECT BEFORE EACH USE

MILLER

LANYARD®

& HORIZONTAL or VERTICAL LIFELINES

StretchStop, SofStop & BackBiter Product Label
Étiquette sur les produits StretchStop, SofStop et BackBiter
Etiqueta de producto StretchStop, SofStop y BackBiter

WARNING:
- **USE FALL PROTECTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS.**
- **DO NOT ALLOW PRODUCT TO CONTACT SHARP OR ABRASIVE SURFACES.**
- **CONNECTORS AND ANCHORAGE POINTS MUST BE COMPATIBLE AND ABLE TO SUPPORT 5,000 LBS. (22kN) OR MEET OSHA 1926.502 REQUIREMENTS FOR A SAFETY FACTOR OF TWO. (e.g., Max Arrest Force = 1,800 lbs.; Anchorage Point must be rated for 3,600 lbs.)**
- **SNAP HOOKS WITH GATE OPENINGS LARGER THAN 1 INCH (25.4mm) MUST NOT BE CONNECTED TO D-RINGS ON HARNESSES.**
- **ONLY ATTACH SHOCK ABSORBER PACK SNAP HOOK TO HARNESS.**

SOFSTOP®

MILLER®
by SPERIAN

WARNING: MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO OO SO COULD RESULT IN SERIOUS INJURY OR DEATH.
ADVERTENCIA: DEBEN SEGUIRSE LAS INSTRUCCIONES DEL FABRICANTE PROVISTAS CON ESTE PRODUCTO AL MOMENTO DE OESPACHO. EL NO HACERLO PUEDE RESULTAR EN LESIONES GRAVES O LA MUERTE.
AVERTISSEMENT: VOUS DEVEZ RESPECTER LES INSTRUCTIONS DU FABRICANT QUE VOUS AVEZ RECUES AVEC LE PRODUIT. DANS LE CAS CONTRAIRE. VOUS RISQUESZ DES BLESSURES GRAVES OU MEME LAMORT.

INSPECT BEFORE EACH USE

LB303 Rev. F / MFP9347502

◀ *This label is included on all SofStop, StretchStop, and BackBiter products, with the name variation.*

Cette étiquette est apposée sur les produits StretchStop, SofStop et BackBiter; seul le nom varie.

Esta etiqueta se incluye en todos los productos SofStop, StretchStop y BackBiter, con la variación en el nombre.

WARNING:
- **THIS PRODUCT IS ENGINEERED FOR TWO SPECIFIC FALL PROTECTION SITUATIONS: 1.) FOR A WORKER WEIGHING 310 LBS. (140.6kg) OR LESS THAT IS SUBJECT TO A FREE FALL OF GREATER THAN 6 FT. (1.83m) OR 2.) FOR A WORKER THAT WEIGHS BETWEEN 311 LBS. (141kg) TO 400 LBS. (181.4kg) AND WHERE THE FREE FALL WILL BE LIMITED TO A MAXIMUM OF 6 FT. (1.83m).**
- **CONNECTORS AND ANCHORAGE POINTS MUST BE COMPATIBLE AND ABLE TO SUPPORT 5,000 LBS. (22kN) OR MEET OSHA 1926.502 REQUIREMENTS FOR A SAFETY FACTOR OF TWO. (e.g., Max Arrest Force = 1,600 lbs.; Anchorage Point must be rated for 3,600 lbs.)**
- **RIG FALL PROTECTION TO REGULATORY REQUIREMENTS.**
- **DO NOT ALLOW PRODUCT TO CONTACT SHARP OR ABRASIVE SURFACES.**
- **SNAP HOOKS WITH GATE OPENINGS LARGER THAN 1 INCH (25.4mm) MUST NOT BE CONNECTED TO D-RINGS ON HARNESSES.**
- **ONLY ATTACH SHOCK ABSORBER PACK SNAP HOOK TO HARNESS.**

MILLER BACK BITER® LANYARD MAX

with SOFSTOP®

WARNING: MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PROOUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.
ADVERTENCIA: DEBEN SEGUIRSE LAS INSTRUCCIONES DEL FABRICANTE PROVISTAS CON ESTE PRODUCTO AL MOMENTO DE DESPACHO. EL NO HACERLO PUEDE RESULTAR EN LESIONES GRAVES O LA MUERTE.
AVERTISSEMENT: VOUS DEVEZ RESPECTER LES INSTRUCTIONS DU FABRICANT QUE VOUS AVEZ RECUES AVEC LE PRODUIT. DANS LE CAS CONTRAIRE. VOUS RISQUESZ DES BLESSURES GRAVES OU MEME LAMORT.

INSPECT BEFORE EACH USE

LB648 Rev. C / MFP7284591

◀ *This label is included on all SofStop Max, StretchStop Max, and BackBiter Max products, with the name variation.*

Cette étiquette est apposée sur les produits StretchStop Max, SofStop Max et BackBiter Max; seul le nom varie.

Esta marca se incluye en todos los productos SofStop Max, StretchStop Max y BackBiter Max, con la variación en el nombre.

Date of Manufacture:
Expiration Date: See manual for inspection.
Compliance:

Made in USA

Contact Miller Fall Protection if instruction manual is needed. Max. Arrest Force 900 lbs.; Max. Free Fall Distance of not more than 6-ft.; Max. Extension 3'-6" beyond stated length. Remove from service if product has been subject to a fall.

LB956 Rev A.

Model/Size:

CSA Class:
WO#:
Inspection No.:
Material:
Capacity:

INSPECTION GRID

YR	J	F	M	A	M	J	J	A	S	O	N	D
1												
2												
3												
4												
5												

MARK GRID ON DATE OF FIRST USE
DO NOT REMOVE THIS LABEL.

◀ *This variable label is included on all Miller shock absorber pack products.*

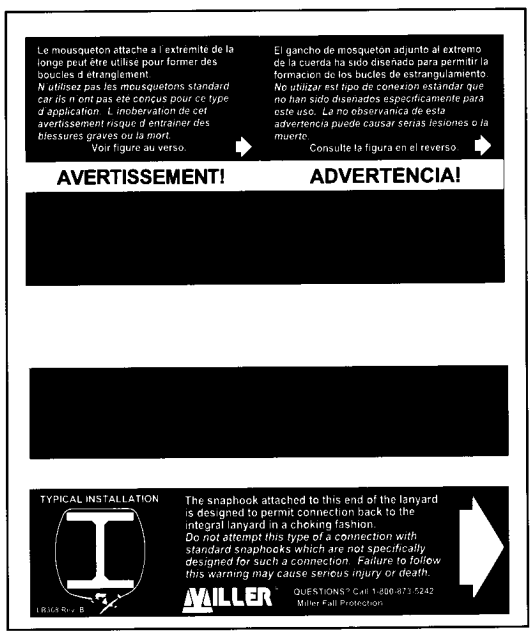
Cette étiquette sur laquelle les inscriptions varient est apposée sur les absorbeurs d'énergie à enveloppe compacte Miller.

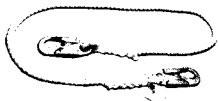
Esta etiqueta variable se incluye en todos los productos Miller de amortiguador de impacto.

BackBiter Tie-Back Lanyards include this warning label on the 5K snap-hook end of the lanyard. ▶

Cette étiquette de mise en garde est apposée sur l'extrémité côté crochet mousqueton 5K des cordes d'amarrage doubles BackBiter.

Las cuerdas de seguridad de amarre posterior BackBiter incluyen esta etiqueta de advertencia en el extremo del gancho de resorte 5K de la cuerda.





Titan Lanyard Product Label
Étiquette sur corde d'amarrage Titan
Etiqueta de producto de cuerdas de seguridad Titan

MILLER by SPERIAN

Titan
Lanyards and Lifelines

WARNING: Manufacturer's instructions supplied with this product at the time of shipment must be followed - failure to do so may result in serious injury or death. Inspect before each use in accordance to the manufacturer's instructions supplied at the time of shipment. Avoid contact with sharp or abrasive surfaces. Connectors and anchorage points must be compatible and able to support 5000 lbs. This product is designed for positioning only and must be used in conjunction with a shock-absorber when used for fall arrest. Contact Miller Fall Protection if instruction manual is needed.

Advertissement: Vous deves respecter les instructions du fabricant que vous avez recues avec le produit. Dans la cas contraire, vous risquez de blessures graces ou meme la mort. Contactez Miller Fall Protection si vous avez desoin d'un nouveau manual.

Advertencia: Deben seguirse las instrucciones del fabricante provistas con este producto - el no hacerlo puede resultar en lesiones graves o la muerte. Si se requiere el manual de instrucciones consulte con Miller Fall Protection.

Compliance:

Model/Length:

Date of Manufacture:

Capacity: CSA Class:

Expiration Date: See manual for inspection.

Material:

Inspection No.:

DO NOT REMOVE THIS LABEL.

INSPECTION GRID

YR	J	F	M	A	M	J	J	A	S	O	N	D
1												
2												
3												
4												
5												

MARK GRID ON DATE OF FIRST USE

LB402 Rev. G

Model/Size:
CSA Class:
Date of Manufacture:
Capacity:
Material:
Compliance

Inspection No.:

Warning: Manufacturer's instructions supplied with this product must be followed - failure to do so could result in serious injury or death. Contact Miller Fall Protection if instruction manual is needed. Inspect before each use. Remove from service if product has been subject to a fall. Only attach shock-absorber pack snaphook to harness. Avoid contact with sharp or abrasive surfaces. Connectors and anchorage points must be compatible and able to support 5000 lbs.

Advertencia: Deben seguirse las instrucciones del fabricante provistas con este producto - el no hacerlo puede resultar en lesiones graves o la muerte. Si se requiere el manual de instrucciones consulte con Miller Fall Protection.

Advertissement: Vous deves respecter les instructions du fabricant que vous avez recues avec le produit. Dans la cas contraire, vous risquez de blessures graces ou meme la mort. Contactez Miller Fall Protection si vous avez desoin d'un nouveau manual.

Made in USA
Expiration Date: See manual for inspection.
Max. Arrest force: 900 lbs. Max. free fall distance of no more than 6' max. extension 3'-6" beyond stated length.

INSPECTION GRID

YR	J	F	M	A	M	J	J	A	S	O	N	D
1												
2												
3												
4												
5												

MARK GRID ON DATE OF FIRST USE

DO NOT REMOVE THIS LABEL.

LB958 Rev. A

TITAN by MILLER

SHOCK-ABSORBING LANYARD

Titan Pack-Type Lanyard Product Label
(markings located on shock absorber pack)
Étiquette sur les cordes d'amarrage à absorbeur d'énergie à enveloppe compacte Titan
Etiqueta de producto de las cuerdas de seguridad Titan tipo paquete

• ONLY ATTACH SHOCK ABSORBER PACK SNAP HOOK TO HARNESS.
• MUST NOT BE CONNECTED TO D-RINGS ON HARNESSES.
• SNAP HOOKS WITH GATE OPENINGS LARGER THAN 1 INCH (25.4mm)
1,800 lbs.; Anchorage Point must be rated for 3,600 lbs.)
MENTS FOR A SAFETY FACTOR OF TWO. (e.g., Max Arrest Force =
ABLE TO SUPPORT 5,000 LBS. (22kN) OR MEET OSHA 1926.502 REQUIRE-
• CONNECTORS AND ANCHORAGE POINTS MUST BE COMPATIBLE AND
• DO NOT ALLOW PRODUCT TO CONTACT SHARP OR ABRASIVE SURFACES.
• USE FALL PROTECTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS.
WARNING:

Titan® T-BAK™

MILLER® by SPERIAN

WARNING: MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TD DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.
ADVERTENCIA: DEBEN SEGUIRSE LAS INSTRUCCIONES DEL FABRICANTE PROVISTAS CON ESTE PRODUCTO AL MOMENTO DE DESPACHO. EL NO HACERLO PUEDE RESULTAR EN LESIONES GRAVES O LA MUERTE.
AVERTISSEMENT: VOUS DEVEZ RESPECTER LES INSTRUCTIONS DU FABRICANT QUE VOUS AVEZ RECUES AVEC LE PRODUIT. DANS LE CAS CONTRAIRE. VOUS RISQUESZ DES BLESSURES GRAVES OU MEME LAMORT.

INSPECT BEFORE EACH USE

LB557 Rev. C / MFP9346031

• ONLY ATTACH SHOCK ABSORBER PACK SNAP HOOK TO HARNESS.
• MUST NOT BE CONNECTED TO D-RINGS ON HARNESSES.
• SNAP HOOKS WITH GATE OPENINGS LARGER THAN 1 INCH (25.4mm)
1,800 lbs.; Anchorage Point must be rated for 3,600 lbs.)
MENTS FOR A SAFETY FACTOR OF TWO. (e.g., Max Arrest Force =
ABLE TO SUPPORT 5,000 LBS. (22kN) OR MEET OSHA 1926.502 REQUIRE-
• CONNECTORS AND ANCHORAGE POINTS MUST BE COMPATIBLE AND
• DO NOT ALLOW PRODUCT TO CONTACT SHARP OR ABRASIVE SURFACES.
• USE FALL PROTECTION IN ACCORDANCE WITH REGULATORY REQUIREMENTS.
WARNING:

Titan® Shock Absorber

MILLER® by SPERIAN

WARNING: MANUFACTURER'S INSTRUCTIONS SUPPLIED WITH THIS PRODUCT AT TIME OF SHIPMENT MUST BE FOLLOWED. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.
ADVERTENCIA: DEBEN SEGUIRSE LAS INSTRUCCIONES DEL FABRICANTE PROVISTAS CON ESTE PRODUCTO AL MOMENTO DE DESPACHO. EL NO HACERLO PUEDE RESULTAR EN LESIONES GRAVES O LA MUERTE.
AVERTISSEMENT: VOUS DEVEZ RESPECTER LES INSTRUCTIONS DU FABRICANT QUE VOUS AVEZ RECUES AVEC LE PRODUIT. DANS LE CAS CONTRAIRE. VOUS RISQUESZ DES BLESSURES GRAVES OU MEME LAMORT.

INSPECT BEFORE EACH USE

LB383 Rev. E / 34-9346022

Date of Manufacture:
Expiration Date: See manual for inspection.
Compliance:

Made in USA

Contact Miller Fall Protection if instruction manual is needed. Max. Arrest Force 900 lbs.; Max. Free Fall Distance of not more than 6-ft.; Max. Extension 3'-6" beyond stated length. Remove from service if product has been subject to a fall.

LB956 Rev A.

Model/Size:

CSA Class:
WO#:
Inspection No.:
Material:
Capacity:

INSPECTION GRID

YR	J	F	M	A	M	J	J	A	S	O	N	D
1												
2												
3												
4												
5												

MARK GRID ON DATE OF FIRST USE.
DO NOT REMOVE THIS LABEL.

▲ *This variable label is included on all Titan shock absorber pack products.*

Cette étiquette sur laquelle les inscriptions varient est apposée sur les absorbeurs d'énergie à enveloppe compacte Titan.

Esta etiqueta variable se incluye en todos los productos Titan de amortiguador de impacto.

Inspection and Maintenance Log
Registre D'inspection et D'entretien
Registro de Inspección y Mantenimiento

DATE OF MANUFACTURE:____________________
DATE DE FABRICATIDN / FECHA DE FABRICACIÓN

MODEL NUMBER:____________________
NUMÉRO DE MODÈLE / NÚM. DE MODELO

DATE PURCHASED:____________________
DATE D'ACHAT / FECHA DE COMPRA

INSPECTION DATE DATE D'INSPECTION FECHA DE INSPECCIÓN	INSPECTION ITEMS NOTED POINTS NOTÉS LORS DE L'INSPECTION PUNTOS DE INSPECCIÓN RELEVANTES	CORRECTIVE ACTION ACTION CORRECTIVE MEDIDA CORRECTIVA	MAINTENANCE PERFORMED ENTRETIEN EFFECTUÉ MANTENIMIENTO REALIZADO
 Approved by: Approuvé par: Aprobado por:			
 Approved by: Approuvé par: Aprobado por:			
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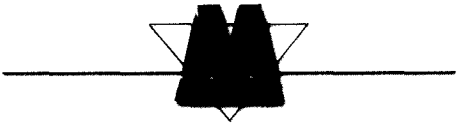

MILLER® FALL PROTECTION PRODUCTS

TOTAL SATISFACTION ASSURANCE

At Miller Fall Protection, we have been providing quality Miller brand fall protection equipment to millions of workers worldwide since 1945.

LIMITED LIFETIME WARRANTY

BACKED BY OVER 60 YEARS IN THE FALL PROTECTION BUSINESS

We sincerely believe that our fall protection equipment is the best in the world.
Our products endure rigorous tests to ensure that the fall protection equipment you trust is manufactured to the highest standards. Miller fall protection products are tested to withstand normal wear and tear, but are not indestructible and can be damaged by misuse.
Our Limited Lifetime Warranty does not apply to normal wear and tear or abusive treatment of the product.

In the unlikely event that you should discover defects in either workmanship or materials, under our Limited Lifetime Warranty, we will repair or replace the product at our expense.
If a replacement is necessary and your product is no longer available, a comparable product will be substituted.
Should a product issue surface, contact us at 800.873.5242.

Manufacturing specifications are subject to change without notice.

PRODUITS MILLER® FALL PROTECTION

ASSURANCE DE SATISFACTION TOTALE

Chez Miller Fall Protection, nous fournissons des équipements de protection contre les chutes de marque Miller de qualité à des millions de travailleurs dans le monde entier depuis 1945.

GARANTIE LIMITÉE À VIE

ASSURÉE GRÂCE À PLUS DE 60 ANS PASSÉS DANS LE DOMAINE DE LA PROTECTION CONTRE LES CHUTES

Nous croyons sincèrement que notre équipement de protection contre les chutes est le meilleur au monde. Nos produits sont soumis à des tests rigoureux, afin d'assurer que les équipements de protection contre les chutes dans lesquels vous avez confiance sont fabriqués selon les normes les plus exigeantes.
Les produits de protection contre les chutes Miller sont soumis à des essais pour vérifier qu'ils résistent à une usure normale; ils ne sont cependant pas indestructibles et peuvent s'endommager en cas de mauvaise utilisation. Notre garantie limitée à vie ne s'applique pas à l'usure normale ou à un usage abusif du produit.

Dans le cas peu probable où vous découvririez des défauts, soit de fabrication, soit de matériau, dans le cadre de notre garantie à vie, nous réparerons ou remplacerons le produit à nos frais.
En cas de remplacement, si votre produit n'est plus offert, vous recevrez un produit comparable.
En cas de problème sur un produit, nous contacter au 800-873-5242.

Les caractéristiques de fabrication peuvent être modifiées sans préavis.

PRODUCTOS ANTICAÍDAS MILLER®

GARANTÍA DE SATISFACCIÓN TOTAL

En Miller Fall Protection, venimos suministrando desde 1945 los equipos de protección anticaídas con la calidad Miller a millones de trabajadores en todo el mundo.

GARANTÍA LIMITADA DE POR VIDA

NOS RESPALDAN MÁS DE 60 AÑOS EN LA FABRICACIÓN DE EQUIPO ANTICAÍDAS

Sinceramente creemos que su equipo de protección contra caídas es el mejor del mundo. Nuestros productos resisten rigurosas pruebas para garantizar que el equipo de protección contra caídas en el que usted confía está fabricado de conformidad con las normas más elevadas. Los productos anticaídas Miller son sometidos a pruebas para que resistan el desgaste normal, pero no son indestructibles y su incorrecta utilización puede dañarlos.
Nuestra Garantía limitada de por vida no se aplica al desgaste normal ni al maltrato del producto.

En el poco probable caso de que usted descubriera defectos de mano de obra o materiales, por nuestra Garantía limitada de por vida, repararemos o sustituiremos el producto por cuenta nuestra. Si un reemplazo es necesario y nuestro producto ya no está disponible, se lo sustituiremos por otro comparable.
En caso de que surja un problema con el producto, contáctenos al 800.873.5242.

Las especificaciones de fabricación están sujetas a modificaciones sin previo aviso.

ANSI Z359.07 INSTRUCTION MANUAL SUPPLEMENT

This supplement is being issued with all Miller Fall Protection product instruction manuals in accordance with ANSI Z359.1, Z359.3 and Z359.4 standards.

All persons using this equipment must read and understand all instructions—those provided in the instruction manual as well as this supplement. Failure to do so may result in serious injury or death. In the event of any discrepancies, information and warnings provided in this supplement supersede those in the instruction manual. If there is any doubt, please contact Miller Technical Services Department at 1-800-873-5242.

GENERAL REQUIREMENTS

- All authorized persons/users must reference the ANSI Z359.1 standard and applicable regulations governing occupational safety. In addition, authorized persons/users of positioning and travel restraint equipment must reference ANSI Z359.3 and authorized persons/users of rescue equipment must reference ANSI Z359.4. Please refer to product labeling for information on specific OSHA, ANSI and CSA standards met by product.
- Never remove product labels, which include important warnings and information for the authorized person/user.
- Any equipment that has been subjected to damage as described by the manufacturer or has been subjected to the forces of arresting a fall or affecting a rescue must be removed from service.

ANCHORAGE REQUIREMENTS

- Anchorage requirements based on ANSI standards are as follows:
  - Anchorages selected for personal fall arrest systems shall have a strength capable of sustaining static loads of at least two times the maximum arrest force permitted on the system when certification exists, or 5,000 lbs. (22.2kN) in the absence of certification. When more than one personal fall arrest system is attached to an anchorage, the above anchorage strengths must be multiplied by the number of personal fall arrest systems attached to the anchorage.
  - For work positioning systems, anchorages must withstand a static load of 3,000 lbs. (13.3kN) for non-certified anchorages or two times the foreseeable force for certified anchorages.
  - For travel restraint systems, anchorages must withstand a static load of 1,000 lbs. (4.5kN) for non-certified anchorages or two times the foreseeable force for certified anchorages.
  - Anchorages selected for rescue systems shall have a strength capable of sustaining static loads of at least 3,100 lbs. (13.9kN) for non-certified anchorages, for connection of rescue system only, or meet a safety factor of 5:1 based on the static load placed on the system for certified anchorages.
  - Anchorage connectors shall not be attached to anchorages where such attachment would reduce the anchorage strength below the applicable levels set forth above.
  - Anchorage connections shall be stabilized to prevent unwanted movement or disengagement of the system from the anchorage.
  - Anchorage connectors shall be attached to no more than one PFAS or rescue system unless certified for such purpose.
- Miller steel carabiners with 3,600 lb. (16kN) gate load capacity meet ANSI Z359.1(07).

⚠ WARNINGS

BODY WEAR

- Harnesses equipped with a front D-ring for fall arrest shall be used only as part of a personal fall arrest system that limits the maximum free fall distance to two feet (0.6m) and limits the maximum arrest force to 900 lbs. (4kN).

CONNECTING DEVICES

- For lanyards with two, integrally connected legs:
  - Connect only the center snap hook to the fall arrest attachment element.
  - Do not attach the leg of the lanyard which is not in use to the harness except to attachment points specifically designated by the manufacturer for this purpose.
  - Do not rig the lanyard to create more than a six-foot (1.8m) free fall.
  - Do not allow the legs of the lanyard to pass under arms, between legs or around the neck.

ANSI Z359-07 INSTRUCTION MANUAL SUPPLEMENT

ASSISTED-RESCUE AND SELF-RESCUE SYSTEMS, SUBSYSTEMS AND COMPONENTS

Self-Retracting Lifelines with Rescue Capabilities

The following information and warnings apply to Miller MightEvac Self-Retracting Lifelines with emergency rescue capabilities (MR50, MR100 and MR130 units).

- Force required to operate rescue features when device is loaded to capacity is 22 lbs. (98N).
- **WARNING: Never allow the lifeline to become slack while in rescue mode.**

Rescue and Controlled Descent Devices

The following information and warnings apply to Miller SafEscape Controlled Descent/Self-Rescue Systems (AG10 devices and kits) and Miller Series 70 Universal Rescue Systems (all base model 70 devices and systems).

- **WARNING: Always use the rope lifeline specifically designated by the manufacturer to be used with the system. The use of an incompatible rope lifeline could interfere with the proper functioning of the system.**
- **CAUTION: Avoid descending into electrical, thermal, chemical sources or other hazards.**

AG10 SafeEscape (Descent Device) Systems only

- SafeEscape Systems include 3/8" (9.5mm) polyester rope.
- Descent energy rating: 5,530,000 ft.-lbs.
- Maximum descent distance is 436 yards (400m). For two persons, maximum descent distance is 109 yards (100m).
- Maximum descent rate: 2.5 ft./sec. (.7m/s)

Series 70 (Rope Tackle Block) Systems only

- The Series 70 Systems use a 3/8" (9.5mm) kernmantle rope lifeline with a tensile strength of 5,600 lbs. (25kN).
- Maximum descent distance: 500 ft. (152m)
- Maximum descent rate: 2.5 ft./sec. (.7m/s)

Winches/Hoists

The following information and warnings apply to Miller ManHandler Hoists (8442 units).

- ManHandler hoists contain 3/16" (5mm) galvanized or stainless steel cable.
- Maximum working length of load line: 100 ft. (30.5m)
- Force required to operate rescue features when device is loaded to maximum capacity: 22 lbs. (98N)
- **WARNING: Never allow the lifeline to come into contact with sharp edges or abrasive surfaces.**

MILLER® by SPERIAN

Sperian Fall Protection, Inc.
P.O. Box 271, 1345 15th Street
Franklin, PA 16323 USA

MILLER®

by SPERIAN

Toll Free: 800.873.5242
Fax: 800.892.4078

Download this manual at: www.millerfallprotection.com
Téléchargez ce manuel à l'adresse: www.millerfallprotection.com
Puede bajar por Internet este manual en: www.millerfallprotection.com

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