



Sealed-Blok™
Self Retracting Lifelines
 Model Numbers: (See inside back cover.)

USER INSTRUCTION MANUAL SEALED-BLOK™ SELF RETRACTING LIFELINES

This manual is intended to meet the Manufacturer's Instructions as required by ANSI Z359.1 and The Canadian Standards Association (CSA), and should be used as part of an employee training program as required by OSHA.

WARNING: This product is part of a personal fall arrest system¹. The user must read and follow the manufacturer's instructions for each component or part of the complete system. These instructions must be provided to the user of this equipment. The user must read and understand these instructions or have them explained to them before using this equipment. Manufacturer's instructions must be followed for proper use and maintenance of this product. Alterations or misuse of this product or failure to follow instructions may result in serious injury or death.

IMPORTANT: If you have questions on the use, care, or suitability of this equipment for your application, contact Capital Safety.

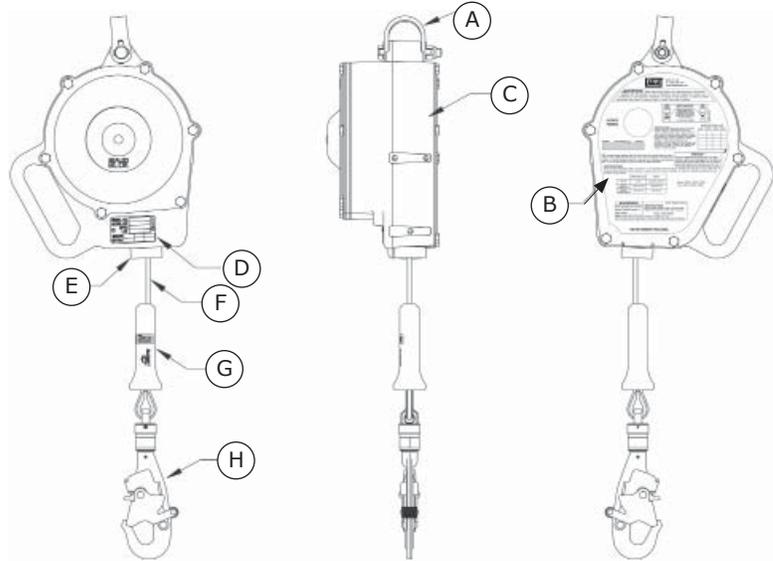
IMPORTANT: Record the product identification information from the ID label in the Inspection and Maintenance Log in Section 9 of this manual.

DESCRIPTION:

Sealed-Blok™ Self Retracting Lifelines (SRLs) provide fall protection and worker mobility in a sealed enclosure designed to keep critical components free of dirt, grease, water and chemicals. See Figure 1 for available Sealed-Blok™ SRL models and features.

Figure 1 - Sealed-Blok™ Self Retracting Lifelines

A	Anchorage Handle
B	Instruction Label
C	Housing
D	ID Label
E	Cable Guide
F	Lifeline
G	Bumper
H	Self Locking Snap Hook



Sealed-Blok™SRL

MODEL DESCRIPTIONS: See inside back cover for model descriptions. Model numbers ending with "C" designate CSA certified models

¹ **Fall Arrest System:** A system that prevents the worker from colliding with an obstruction or lower level by arresting a fall.

1.0 APPLICATION

1.1 PURPOSE: Sealed-Blok™ Self Retracting Lifelines (SRLs) are designed to be a component in a personal fall arrest system (PFAS). They may be used in most situations where a combination of worker mobility and fall protection is required (i.e. inspection work, general construction, maintenance work, oil production, confined space work, etc.). Some Sealed-Blok™ SRL models incorporate a built-in retrieval feature. These models have the same fall arrest capabilities as those described above when used in their non-retrieval mode. In the retrieval mode these models may be used for emergency rescue (raising or lowering) of personnel within the capacity range stated below. It is also permissible to use retrieval models for raising and lowering of materials within the stated capacity range. Other Sealed-Blok™ SRL models include the DBI-SALA RSQ controlled descent feature for self-rescue/descent or assisted rescue. See Capital Safety manual 5903060 (Sealed-Blok™ Self Retracting Lifeline with Retrieval) and 5903061 (Sealed-Blok™ RSQ Controlled Descent Self Retracting Lifeline).

IMPORTANT: This equipment may not be suitable for applications requiring frequent or continual use as a material hoist. Consult Capital Safety before using this product for such applications. The retrieval models listed above are not designed to be used for general purpose work positioning or man-riding applications.

1.2 STANDARDS: Refer to local, state, and federal (OSHA) requirements governing occupational safety for additional information regarding Personal Fall Arrest Systems. Refer to the following national standards on fall protection:

ANSI	Z359.0	Definitions and Nomenclature Used for Fall Protection and Fall Arrest
ANSI	Z359.1	Safety Requirements for Personal Fall Arrest Systems, Subsystems, and Components
ANSI	Z359.2	Minimum Requirements for a Comprehensive Managed Fall Protection Program
ANSI	Z359.4	Safety Requirements for Assisted-Rescue Systems, Subsystems, and Components
CSA	Z259.2.2-98	Self-Retracting Devices for Personal Fall Arrest Systems

1.3 TRAINING: This equipment is intended to be used by persons trained in its correct application and use. It is the responsibility of the user to assure they are familiar with these instructions and are trained in the correct care and use of this equipment. Users must also be aware of the operating characteristics, application limits, and the consequences of improper use.

2.0 SYSTEM LIMITATIONS & REQUIREMENTS

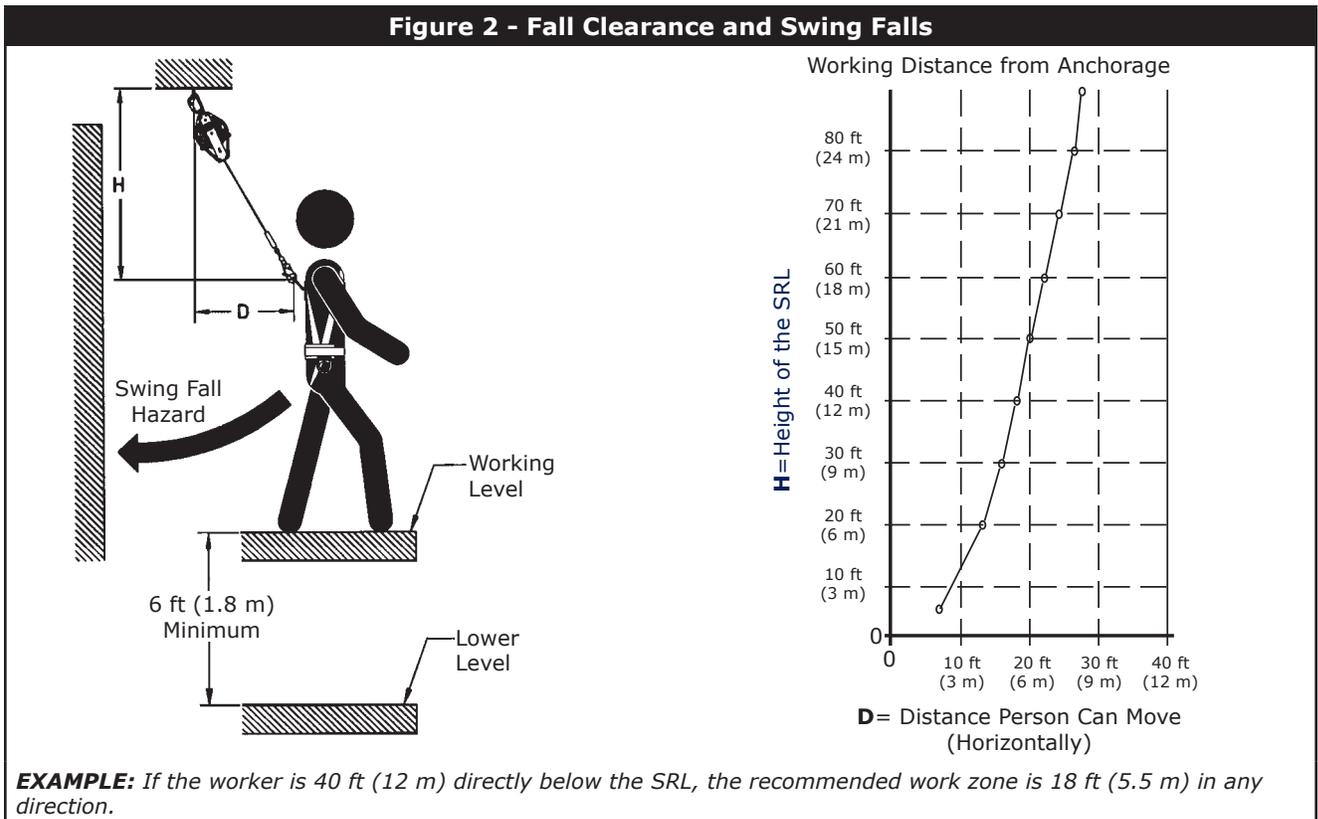
Always consider the following limitations/requirements when installing or using this equipment:

- 2.1 CAPACITY:** Sealed-Blok™ SRLs are designed for use by persons with a combined weight (person, clothing, tools, etc.) of 75 lbs. to 310 lbs per ANSI Z359. Some units have a capacity of 420 lbs. per OSHA. Refer to the instruction label to determine the capacity of your unit. At no time shall more than one person connect to a single SRL for fall arrest applications.
- 2.2 ANCHORAGE:** Select a rigid anchorage point that meets strength requirements for Fall Arrest and Rescue systems. In accordance with ANSI Z359.1, anchorages selected must have a strength capable of sustaining static loads applied in the directions permitted by the system of at least:

Fall Arrest Applications:	<i>Non-Certified Anchorages:</i>	5,000 lbs (22.2 kN)
	<i>Certified Anchorages:</i>	2 times the Maximum Arresting Force
Rescue Applications:	<i>Non-Certified Anchorages:</i>	3,000 lbs (13.3 kN)
	<i>Certified Anchorages:</i>	5 times the foreseeable force for certified anchorages
NOTE: When more than one rescue system is attached to an anchorage, the strengths set forth above shall be multiplied by the number of systems attached to the anchorage.		

- 2.3 RESCUE PLAN:** When using this equipment, the employer must have a rescue plan and the means at hand to implement it and communicate that plan to users, authorized persons, and rescuers.
- 2.4 LOCKING SPEED:** Situations which do not allow for an unobstructed fall path should be avoided. Working in confined or cramped spaces may not allow the body to reach sufficient speed to cause the SRL to lock if a fall occurs. Working on slowly shifting material, such as sand or grain, may not allow enough speed buildup to cause the SRL to lock. A clear path is required to assure positive locking of the SRL.
- 2.5 NORMAL OPERATIONS:** Normal operation will allow the full length of the lifeline to extend and retract with no hesitation when extending and no slack when retracting as the worker moves at normal speeds. If a fall occurs, a speed sensing brake system will activate, stopping the fall and absorbing much of the energy created. For falls which occur near the end of the lifeline travel, a reserve lifeline system has been incorporated to assure a reduced impact fall arrest. If a fall has been arrested, the SRL must be taken out of service and inspected (see Section 5). Sudden or quick movements should be avoided during normal work operation, as this may cause the SRL to lock up.

- 2.6 FREE FALL:** When used correctly, SRLs will limit the free fall distance to 2 ft. or less per OSHA. To avoid increased fall distances, do not work above the anchorage level. Avoid working where your lifeline may cross or tangle with that of another worker. Do not allow the lifeline to pass under arms or between legs. Never clamp, knot, or prevent the lifeline from retracting or being taut. Avoid slack line. **Do not lengthen SRL by connecting a lanyard or similar component without consulting Capital Safety.**
- 2.7 FALL CLEARANCE:** Ensure that adequate clearance exists in the fall path to prevent striking an object during a fall. A minimum of 6 feet (1.8 m) from the working level to the lower level or nearest obstruction is recommended.
- 2.8 SWING FALLS:** Swing falls occur when the anchorage point is not directly above the point where a fall occurs. See Figure 2. The force of striking an object in a swing fall may cause serious injury. In a swing fall, the total vertical fall distance will be greater than if the user had fallen directly below the anchorage point, thus increasing the total free fall distance and the area required to safely arrest the user. The SRL will activate regardless of its orientation relative to the user. The recommended work zone represents the typical acceptable work area for most applications. Review your specific application to determine what the appropriate work zone should be. Minimize swing falls by working as directly below the anchorage point as possible. Never permit a swing fall if injury could occur. If a swing fall situation exists in your application contact Capital Safety before proceeding.



- 2.9 HAZARDS:** Use of this equipment in areas where surrounding hazards exist may require additional precautions to reduce the possibility of injury to the user or damage to the equipment. Hazards may include, but are not limited to: high heat, caustic chemicals, corrosive environments, high voltage power lines, explosive or toxic gases, moving machinery, or sharp edges.
- 2.10 SHARP EDGES:** Avoid working where the lifeline will be in contact with or abrade against unprotected sharp edges. Provide protection for the lifeline when possible. An energy absorbing component can sometimes be added in-line to further protect the worker. Compatibility and total fall distance must be considered if this is done. Contact Capital Safety before using an in-line energy absorbing component or lanyard with an SRL.
- 2.11 BODY SUPPORT:** A Full Body Harness must be used with the Sealed-Blok™ Self Retracting Lifeline. The harness connection point must be above the user's center of gravity. A body belt is not authorized for use with the Self Retracting Lifeline. If a fall occurs when using a body belt it may cause unintentional release and possible suffocation because of improper body support. Substitutions of equipment or system components must not be made without the written consent of Capital Safety.

2.12 COMPATIBILITY OF COMPONENTS: Unless otherwise noted, Capital Safety equipment is designed for use with Capital Safety approved components and subsystems only. Substitutions or replacements made with non approved components or subsystems may jeopardize compatibility of equipment and may affect safety and reliability of the complete system:

- Horizontal Systems - In applications where an SRL is used in conjunction with a horizontal system (i.e. horizontal I-beams and trolleys), the SRL and horizontal system components must be compatible.
- Retrieval Systems - When using DBI-SALA SRLs with optional retrieval system, ensure the support structure (i.e. tripod, davit arm) is compatible with connection of the SRL, and compatible with the operation, stability, and strength of the SRL (see Figures 5 and 6).

IMPORTANT: Read and follow manufacturer's instructions for associated components and subsystems in your personal fall arrest system.

2.13 COMPATIBILITY OF CONNECTORS: Connectors are considered to be compatible with connecting elements when they have been designed to work together in such a way that their sizes and shapes do not cause their gate mechanisms to inadvertently open regardless of how they become oriented. Connectors (hooks, carabiners, and D-rings) must be capable of supporting at least 5,000 lbs. (22 kN). Connectors must be compatible with the anchorage or other system components. Do not use equipment that is not compatible. Non-compatible connectors may unintentionally disengage (see Figure 3). Connectors must be compatible in size, shape, and strength. Self-locking snap hooks and carabiners are required by ANSI Z359.1 and OSHA.

2.14 MAKING CONNECTIONS: Use only self-locking snap hooks and carabiners with this equipment. Only use connectors that are suitable to each application. Ensure all connections are compatible in size, shape and strength. Do not use equipment that is not compatible. Ensure all connectors are fully closed and locked.

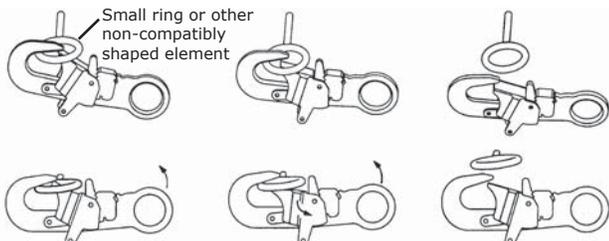
DBI-SALA connectors (snap hooks and carabiners) are designed to be used only as specified in each product's user's instructions. See Figure 4 for illustration of the inappropriate connections stated below. DBI-SALA snap hooks and carabiners should not be connected:

- To a D-ring to which another connector is attached.
- In a manner that would result in a load on the gate.
- In a false engagement, where features that protrude from the snap hook or carabiner catch on the anchor and without visual confirmation seems to be fully engaged to the anchor point.
- To each other.
- Directly to webbing or rope lanyard or tie-back (unless the manufacturer's instructions for both the lanyard and connector specifically allow such a connection).
- To any object which is shaped or dimensioned such that the snap hook or carabiner will not close and lock, or that roll-out could occur.

NOTE: Other than 3,600 lb. (16 kN) gated hooks, large throat opening snap hooks should not be connected to standard size D-rings or similar objects which will result in a load on the gate if the hook or D-ring twists or rotates. Large throat snap hooks are designed for use on fixed structural elements such as rebar or cross members that are not shaped in a way that can capture the gate of the hook.

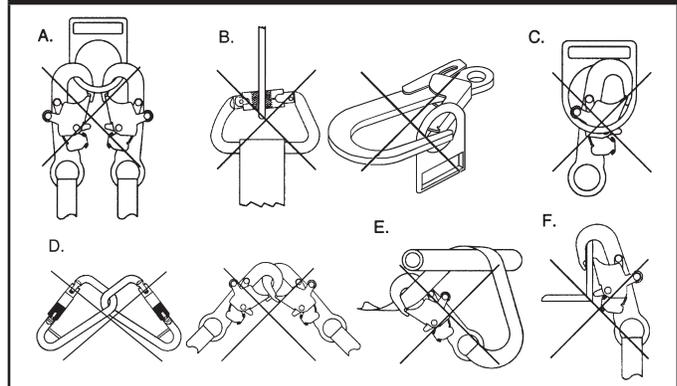
Figure 3 - Unintentional Disengagement (Rollout)

If the connecting element to which a snap hook (shown) or carabiner attaches is undersized or irregular in shape, a situation could occur where the connecting element applies a force to the gate of the snap hook or carabiner. This force may cause the gate (of either a self-locking or a non-locking snap hook) to open, allowing the snap hook or carabiner to disengage from the connecting point.



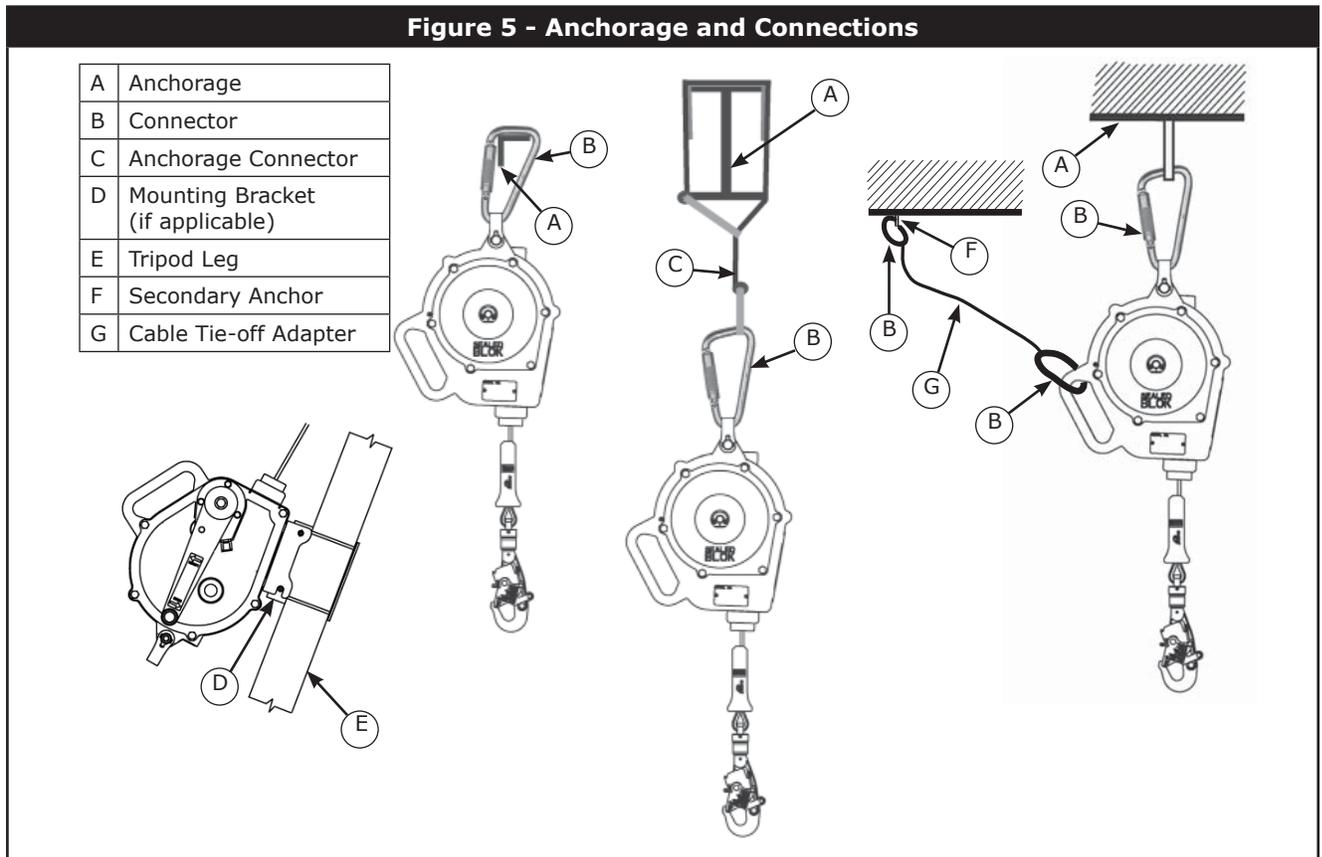
- Force is applied to the Snap Hook.
- The Gate presses against the Connecting Ring.
- The Gate opens allowing the Snap Hook to slip off.

Figure 4 - Inappropriate Connections



3.0 INSTALLATION

- 3.1 PLANNING:** Plan your fall protection system before starting your work. Account for all factors that may affect your safety before, during, and after a fall. Consider all system requirements and limitations defined in Section 2.
- 3.2 ANCHORAGE:** Select an anchorage location with minimal free fall and swing fall hazards (see Section 2). Select a rigid anchorage point capable of sustaining the static loads defined in Section 2.2.



- 3.3 DROPPED OBJECT PROTECTION:** Prior to installing the SRL to the primary anchorage, the SRL can be connected to a secondary anchorage to protect against dropping the SRL during installation. Select a second anchorage point that is capable of supporting the SRL. Attach the two carabiners to each end of the cable tie-off adapter. Attach one end of the cable tie-off adapter to the handle on the SRL and the other end to the second anchorage point.

4.0 OPERATION

WARNING: Do not alter or intentionally misuse this equipment. Consult Capital Safety when using this equipment in combination with components or subsystems other than those described in this manual. Some subsystem and component combinations may interfere with the operation of this equipment. Use caution when using this equipment around moving machinery, electrical hazards, chemical hazards, and sharp edges. Do not loop the lifeline around small structural members.

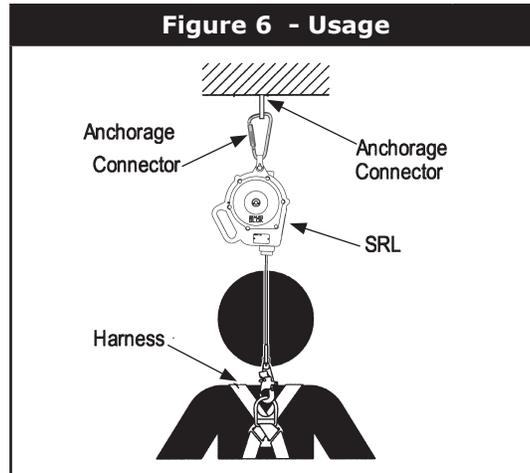
WARNING: Consult your doctor if there is reason to doubt your fitness to safely absorb the shock from a fall arrest. Age and fitness seriously affect a worker's ability to withstand falls. Pregnant women or minors must not use DBI-SALA self retracting lifelines.

- 4.1 BEFORE EACH USE:** Before each use of this fall protection equipment carefully inspect it to assure it is in good working condition. Check for worn or damaged parts. Ensure all bolts are present and secure. Check that the lifeline is retracting properly by pulling out the line and allowing it to slowly retract. If there is any hesitation in retraction the unit should be returned to an authorized service center for service. Inspect the lifeline for cuts, frays, burns, crushing and corrosion. Check locking action by pulling sharply on the line. See Section 5 for inspection details. Do not use if inspection reveals an unsafe condition.
- 4.2 AFTER A FALL:** Any equipment which has been subjected to the forces of arresting a fall or exhibits damage consistent with the effect of fall arrest forces as described in Section 5, must be removed from service immediately and sent to an authorized service center for repair.

- 4.3 BODY SUPPORT:** A full body harness must be worn when using DBI-SALA SRLs. For general fall protection use connect to the back (dorsal) D-ring. For situations such as ladder climbing, it may be useful to connect to the front of the harness. This is acceptable provided potential free fall is very short and footing can be easily regained.

IMPORTANT: Do not use a body belt for free fall applications. See OSHA 1926.502 for guidelines.

- 4.4 MAKING CONNECTIONS:** When using a hook to make a connection, ensure roll-out cannot occur. See Figure 3. Do not use hooks or connectors that will not completely close over the attachment object. Do not use non-locking snap hooks. The mounting surface should meet the anchorage strength requirements stated in section 2.2. Follow the manufacturer's instructions supplied with each system component.



- 4.5 OPERATION:** Inspect the SRL as described in section 5.0. Connect the SRL to a suitable anchorage or anchorage connector as previously described. Connect self locking snap hook on end of lifeline to the fall arrest attachment (full body harness). See Figure 6. Ensure connections are compatible in size, shape, and strength. Ensure hook is fully closed and locked. Once attached, the worker is free to move about within the recommended working area at normal speeds. If a fall occurs the SRL will lock and arrest the fall. Upon rescue remove SRL from use. When working with an SRL, always allow the lifeline to recoil back into the device under control. A short tag line may be required to extend or retract the lifeline during connection and disconnection operations. During extended periods of time that the SRL is not used, the use of a tag line is recommended to allow the lifeline to fully retract back into the housing. Depending in the work site environment and conditions, it may be necessary to restrain the free end of the tag line to prevent interference and entanglement with equipment or machinery.
- 4.6 RETRIEVAL AND RSQ CONTROLLED DESCENT:** The Sealed-Blok™ SRL can be purchased with optional Retrieval and RSQ Controlled Descent features that allow use of the SRL for self-rescue (RSQ), assisted rescue (Retrieval or RSQ), and lifting and lowering of materials (Retrieval). Separate SRL Retrieval Operator Instructions and SRL RSQ Controlled Descent Operator Instructions are included with Sealed-Blok™ SRLs equipped with these features.
- 4.7 DBI-SALA FAST-LINE™ SYSTEM:** This unit is equipped with the DBI-SALA FAST-Line™ system permitting a quick and easy field replacement of the lifeline by a competent person who has been properly trained and authorized by Capital Safety. Do not attempt to replace lifeline without first receiving specific instructions. Contact Capital Safety for more information about FAST-Line™. Refer to FAST-Line™ manual 5903076 Rev A.

WARNING: In most cases, replacing the lifeline cannot be considered as a complete servicing. A thorough inspection of the unit must be performed by a competent person, according to section 5.0. If the snap hook impact indicator shows signs of activation (see figure 7), the unit should be removed from service and fully serviced, including the brake and the other internal safety components. If it is known that the impact indicator is activated but that the unit has not been used to arrest a fall (retrieval situation for example) then it is acceptable that only the lifeline gets replaced, as long as the rest of the unit passes the inspection of section 5.0.

5.0 INSPECTION

5.1 FREQUENCY:

- **Before Each Use:** OSHA 1910.66, OSHA 1926.502 and ANSI Z359.1 (in Canada - CSA Z259.2.2) require an inspection of equipment before each use. See 5.2, 5.3, and 5.4.
- **Annual Inspection:** ANSI Z359.1 requires a formal inspection of the SRL be completed by a competent

person¹ other than the user. More frequent inspections by a competent person may be required based on the nature and severity of workplace conditions affecting the equipment and the modes of use and exposure time of the equipment. See sections 5.2, 5.3, and 5.4 for inspection guidelines. Record results in the inspection and maintenance log in section 9.0.

NOTE: In Canada, CSA requires SRLs to be serviced within two years of the manufactured date, and annually thereafter.

A record of annual service dates can be found on the identification plate of the SRL. See Figure 1 and section 8.0.

- **After a Fall:** Inspect load indicator according to Figure 7, and entire SRL per sections 5.3 and 5.4.

5.2 INSPECTION GUIDELINES: To ensure safe, efficient operation, the Sealed-Blok™ Self Retracting Lifeline should be inspected per the instructions in Table 1 at the indicated frequencies.

IMPORTANT: Record the inspection results in the Inspection and Maintenance Log (Section 9.0).

IMPORTANT: Extreme working conditions (harsh environment, prolonged use) may require increasing the frequency of inspections.

WARNING: If the Sealed-Blok™ SRL has been subjected to fall arrest or impact forces, it must be removed from service immediately and sent to an authorized service center for repair.

Table 1 - Inspections Schedule

Component:	Inspection:	Before Each Use	Every Year	After a Fall
SRL (Figure 1)	Inspect for loose bolts and bent or damaged parts.	X	X	X
	Inspect housing for distortion, cracks, or other damage.	X	X	X
	Lifeline should pull out and retract fully without hesitation or creating a slack line condition.	X	X	X
	Ensure device locks up when lifeline is jerked sharply. Lockup should be positive with no slipping (RSQ mode). *	X	X	X
	The labels must be present and fully legible. See Section 8.	X	X	X
	Look for signs of corrosion on the entire unit.	X	X	X
Connecting Hook & Impact Indicator (Figure 7)	Inspect connecting hooks for signs of damage, corrosion, and working condition. Swivel should rotate freely. Inspect impact indicator according to Figure 7.	X	X	X
Wire Rope (Figure 8)	Inspect wire rope for cuts, kinks, broken wires, bird-caging, welding splatter, corrosion, chemical contact areas, or severely abraded areas. Slide the cable bumper up and inspect ferrules for cracks or damage and inspect the wire rope for corrosion and broken wires.	X	X	X
Retrieval Components	If so equipped, inspect SRL Retrieval components per the procedures defined in the included SRL - Retrieval Operator Instruction (5903060).	X	X	X
RSQ Controlled Descent Components	If so equipped, inspect SRL RSQ Controlled Descent components per the procedures defined in the included SRL - RSQ Controlled Descent Operator Instruction (5903061).	X	X	X

* Except as described in the proper operation of the device when used in the RSQ mode.

1 One who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them.

Figure 7 - Impact Indicator

IMPACT INDICATOR: To inspect the impact indicator, look for exposed color band on hook as shown in Figure 7. If the hook is in the "indicated mode," an impact loading has occurred. SRLs which have been subjected to impact loading must be removed from service for inspection. Do not attempt to reset impact indicator. Return to an authorized service center for resetting.

NOTE: Swivel will not turn freely in "indicated mode."

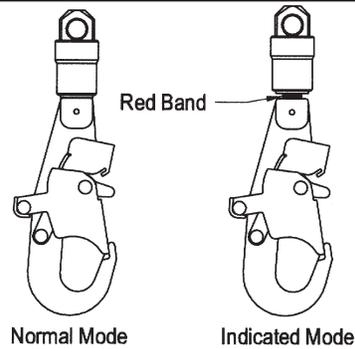


Figure 8 - Lifeline Damage

WIRE ROPE: Inspect wire rope for cuts, kinks, broken wires, bird-caging, welding splatter, corrosion, chemical contact areas, or severely abraded areas. Slide the cable bumper up and inspect ferrules for cracks or damage and inspect the wire rope for corrosion and broken wires.

NOTE: Replace the wire rope assembly if there are six or more randomly distributed broken wires in one lay, or three or more broken wires in one strand in one lay. A "lay" of wire rope is the length of wire rope it takes for a strand (the larger groups of wires) to complete one revolution or twist along the rope. Replace the wire rope assembly if there are any broken wires within 1 inch (25mm) of the ferrules.

Kinked wire rope



Broken wires



Bird-caging



Welding splatter



WARNING: Do not tie or knot lifeline. Avoid lifeline contact with sharp or abrasive surfaces. Inspect lifeline frequently for cuts, fraying, burns, or signs of chemical damage. Dirt, contaminants, and water can lower dielectric properties of the lifeline. Use caution near power lines.

Inspect each system component or subsystem according to manufacturer's instructions.

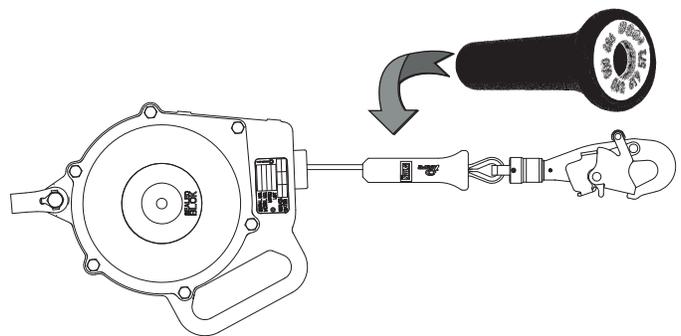
Record inspection results in the inspection log found in section 9.0.

5.3 UNSAFE OR DEFECTIVE CONDITIONS: If inspection reveals an unsafe or defective condition, remove the Sealed-Blok™ SRL from service immediately and contact an authorized service center for repair.

NOTE: Only Capital Safety or parties authorized in writing may make repairs to this equipment. (Excludes FAST-Line™ procedure).

5.4 I-SAFE™ RFID TAG: The Sealed-Blok™ Self Retracting Lifeline includes an i-Safe™ Radio Frequency Identification (RFID) tag. The RFID tag can be used in conjunction with the i-Safe handheld reading device and web based portal to simplify inspection and inventory control and provide records for your fall protection equipment. If you are a first-time user, contact a Capital Safety Customer Service representative (see back cover); or if you have already registered, go to www.capitalsafety.com/isafe.html. Follow the instructions provided with your i-Safe handheld reader or on the web portal to transfer your data to your web log.

Figure 9 - i-Safe™ RFID Tag



6.0 MAINTENANCE, SERVICE, AND STORAGE

- 6.1 Periodically clean the exterior of the SRL using water and a mild soap solution. Position the SRL so excess water can drain out. Clean labels as required.
- 6.2 Clean lifeline with water and mild soap solution. Rinse and thoroughly air dry. Do not force dry with heat. An excessive buildup of dirt, paint, etc. may prevent the lifeline from fully retracting back into the housing causing a potential free fall hazard. Replace lifeline if excessive buildup is present.
- 6.3 Additional maintenance and servicing procedures must be completed by an authorized service center. Do not attempt to disassemble the SRL (excludes FAST-Line™ procedure; please refer to FAST-Line™ manual 5903076). See section 5.1 for inspection frequency. NOTE: Do not lubricate any parts.
- 6.4 Store SRL in a cool, dry, clean environment out of direct sunlight. Avoid areas where chemical vapors may exist. Thoroughly inspect the SRL after any period of extended storage.

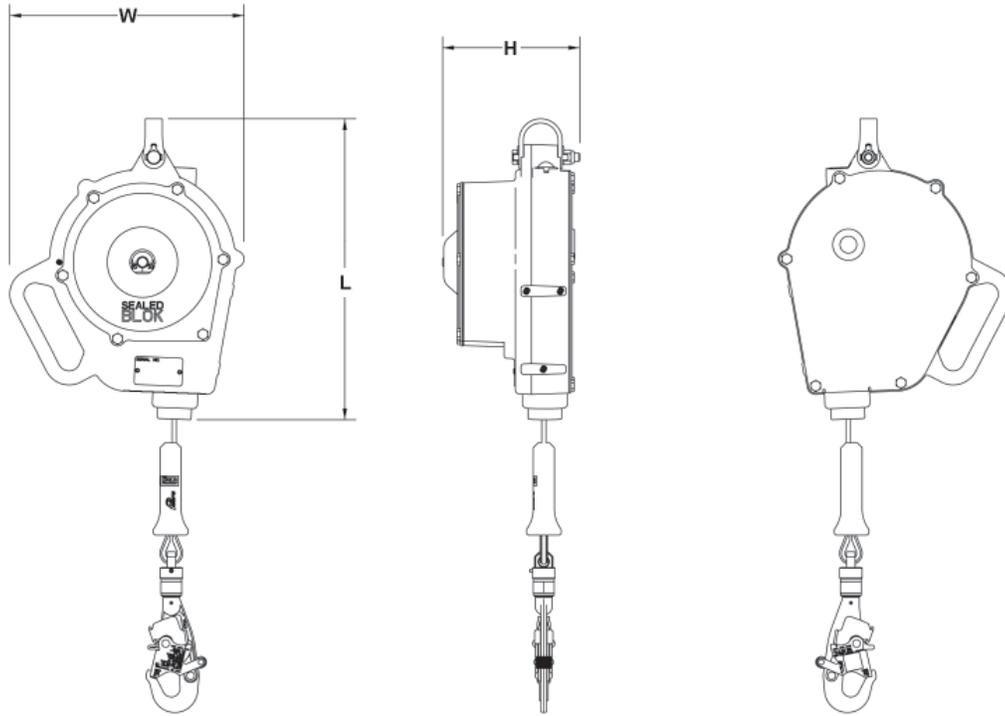
7.0 SPECIFICATIONS

Model	Size (LxWxH) / Weight	Lifeline Type / Working Range*
3400900/3400900C	13.3" x 10.4" x 6.1" / 27 lbs (12.2 Kg)	50 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400901/3400901C	13.3" x 10.4" x 6.1" / 27 lbs (12.2 Kg)	50 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400902/3400902C	13.3" x 10.4" x 6.1" / 27 lbs (12.2 Kg)	50 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400860/3400863	15.2" x 12.0" x 7.0" / 43.6 lbs (19.8 Kg)	85 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400861/3400864	15.2" x 12.0" x 7.0" / 43.6 lbs (19.8 Kg)	85 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400862/3400865	15.2" x 12.0" x 7.0" / 43.6 lbs (19.8 Kg)	85 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400965/3400968	16.8" x 14.0" x 8.0" / 58.7 lbs. (26.6 Kg)	130 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400966/3400969	16.8" x 14.0" x 8.0" / 58.7 lbs. (26.6 Kg)	130 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400967/3400970	16.8" x 14.0" x 8.0" / 58.7 lbs. (26.6 Kg)	130 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.

* Working range includes a 2 ft. Emergency Reserve

Maximum Arresting Force, All Models:	1350 lbs. when tested in accordance with ANSI Z359.1
Capacity, All Models:	OSHA 310 or 420 lbs. (see housing label for OSHA capacity); ANSI 75-310 lbs.; CSA 75 or 420 lbs. (see housing label for maximum capacity).
Average Locking Speed, All Models	4.5 ft./second
Safety Factor at Rated Load	10:1; Exception: 420 lb. load rating is 7.4:1
U.S. Patent Numbers	4,977,647, 5,186,289 and 5,220,977. Canadian Patent Numbers 2,027,784 (hook) and 2,089,514 (indicator), European Patent Number EP0557031B7 (hook)
SRL meets industry standards including ANSI Z359.1 and OSHA requirements.	
SRL meets CSA (Canadian Standards Association) requirements Z259.2.2	

Figure 10 - Specifications



7.1 MATERIALS:

Lifeline (Galvanized)	3/16in. dia., 7x19 aircraft wire rope, 4,200 lbs. minimum tensile strength
Lifeline (Stainless Steel)	3/16in. dia., 7x19 aircraft wire rope, 3,600 lbs. minimum tensile strength
Cable Guide	Nylon
Housing	Cast Aluminum
Cable Bumper	Urethane
Housing Cover	Stainless Steel
Anchorage Handle	Stainless Steel
Fasteners	Stainless Steel
Main Shaft	Stainless Steel
Locking Pawls	Stainless Steel
Ratchet Center	Carbon Steel
Motor Spring	Stainless Steel
Finish Paint	Polyester Baked finish
Swivel Assembly	Stainless Steel
Connecting Hook (Plated Steel)	Forged Alloy Steel
Connecting Hook (Stainless Steel)	Stainless Steel

8.0 LABELING

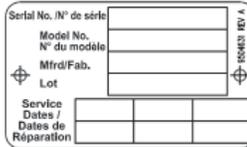
8.1 ALL MODELS:



i-Safe Label



Length Label

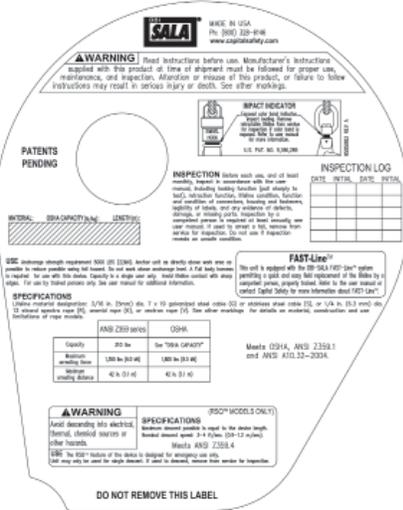


Identification Label

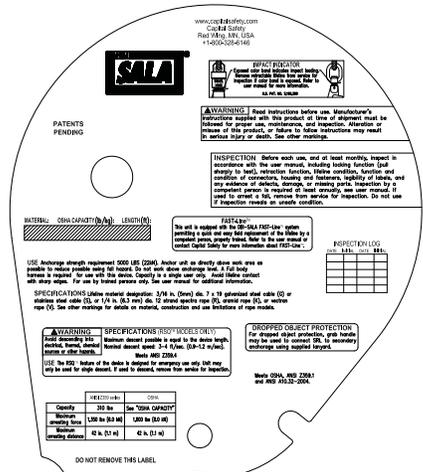
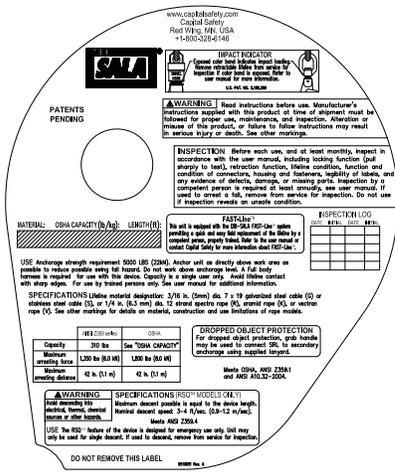


Front Label

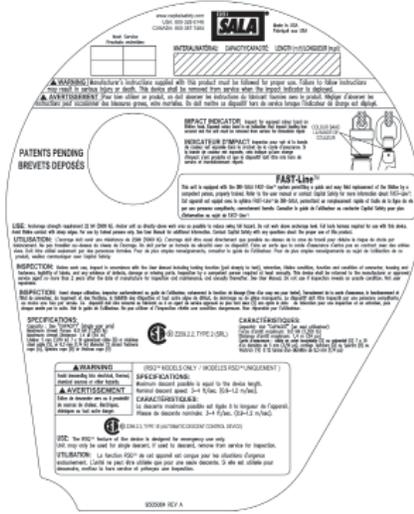
8.2 ANSI MODELS:



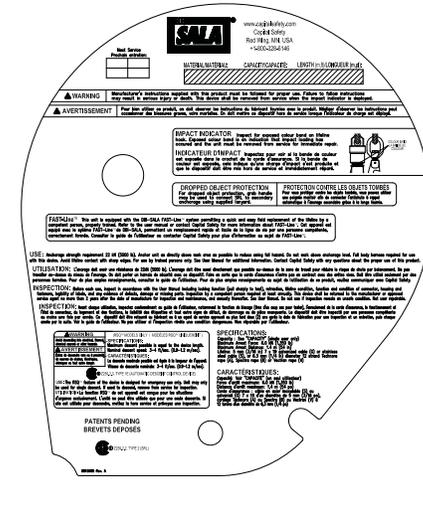
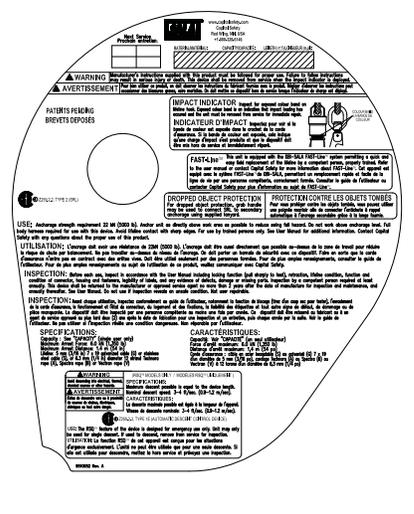
Housing Labels



8.3 CSA MODELS:



Housing Labels



1 Replace label if it is not securely attached and fully legible.

10.0 MODEL NUMBERS

ANSI Models	CSA Models	Description
3400900	3400900C	SEALED SELF RETRACTING LIFELINE: 50 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400901	3400901C	SEALED SELF RETRACTING LIFELINE: 50 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400902	3400902C	SEALED SELF RETRACTING LIFELINE: 50 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400920	3400920C	SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL: 50 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400921	3400921C	SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL: 50 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400922	3400922C	SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL: 50 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400923	3400923C	SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL: 50 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator, mounting bracket included.
3400924	3400924C	SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL: 50 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator, mounting bracket included.
3400930	3400930C	SEALED SELF RETRACTING LIFELINE WITH RSQ CONTROLLED DESCENT: 50 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400931	3400931C	SEALED SELF RETRACTING LIFELINE WITH RSQ CONTROLLED DESCENT: 50 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400932	3400932C	SEALED SELF RETRACTING LIFELINE WITH RSQ CONTROLLED DESCENT: 50 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400940	3400940C	SEALED SELF RETRACTING LIFELINE WITH RSQ CONTROLLED DESCENT AND RETRIEVAL: 50 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400941	3400941C	SEALED SELF RETRACTING LIFELINE WITH RSQ CONTROLLED DESCENT AND RETRIEVAL: 50 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400942	3400942C	SEALED SELF RETRACTING LIFELINE WITH RSQ CONTROLLED DESCENT AND RETRIEVAL: 50 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400860	3400863	SEALED SELF RETRACTING LIFELINE: 85 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400861	3400864	SEALED SELF RETRACTING LIFELINE: 85 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400862	3400865	SEALED SELF RETRACTING LIFELINE: 85 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.
3400965	3400968	SEALED SELF RETRACTING LIFELINE: 130 feet of 3/16 inch galvanized wire rope, self locking plated steel swiveling snap hook with indicator.
3400966	3400969	SEALED SELF RETRACTING LIFELINE: 130 feet of 3/16 inch stainless wire rope, self locking plated steel swiveling snap hook with indicator.
3400967	3400970	SEALED SELF RETRACTING LIFELINE: 130 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.

LIMITED LIFETIME WARRANTY

Warranty to End User: D B Industries, Inc., dba CAPITAL SAFETY USA ("CAPITAL SAFETY") warrants to the original end user ("End User") that its products are free from defects in materials and workmanship under normal use and service. This warranty extends for the lifetime of the product from the date the product is purchased by the End User, in new and unused condition, from a CAPITAL SAFETY authorized distributor. CAPITAL SAFETY'S entire liability to End User and End User's exclusive remedy under this warranty is limited to the repair or replacement in kind of any defective product within its lifetime (as CAPITAL SAFETY in its sole discretion determines and deems appropriate). No oral or written information or advice given by CAPITAL SAFETY, its distributors, directors, officers, agents or employees shall create any different or additional warranties or in any way increase the scope of this warranty. CAPITAL SAFETY will not accept liability for defects that are the result of product abuse, misuse, alteration or modification, or for defects that are due to a failure to install, maintain, or use the product in accordance with the manufacturer's instructions.

CAPITAL SAFETY'S WARRANTY APPLIES ONLY TO THE END USER. THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO OUR PRODUCTS AND IS IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES, EXPRESSED OR IMPLIED. CAPITAL SAFETY EXPRESSLY EXCLUDES AND DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND SHALL NOT BE LIABLE FOR INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST PROFITS, REVENUES, OR PRODUCTIVITY, OR FOR BODILY INJURY OR DEATH OR LOSS OR DAMAGE TO PROPERTY, UNDER ANY THEORY OF LIABILITY, INCLUDING WITHOUT LIMITATION, CONTRACT, WARRANTY, STRICT LIABILITY, TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL OR EQUITABLE THEORY.



A Capital Safety Company

CSG USA & Latin America

3833 SALA Way
Red Wing, MN 55066-5005
Toll Free: 800.328.6146
Phone: 651.388.8282
Fax: 651.388.5065
solutions@capitalsafety.com

CSG Canada

260 Export Boulevard
Mississauga, ON L5S 1Y9
Phone: 905.795.9333
Toll-Free: 800.387.7484
Fax: 888.387.7484
info.ca@capitalsafety.com

CSG Northern Europe

Unit 7 Christleton Court
Manor Park
Runcorn
Cheshire, WA7 1ST
Phone: + 44 (0)1928 571324
Fax: + 44 (0)1928 571325
csgne@capitalsafety.com

CSG EMEA (Europe, Middle East, Africa)

Le Broc Center
Z.I. 1ère Avenue
5600 M B.P. 15 06511
Carros
Le Broc Cedex
France
Phone: + 33 4 97 10 00 10
Fax: + 33 4 93 08 79 70
information@capitalsafety.com

CSG Australia & New Zealand

95 Derby Street
Silverwater
Sydney NSW 2128
AUSTRALIA
Phone: +(61) 2 8753 7600
Toll-Free : 1 800 245 002 (AUS)
Toll-Free : 0800 212 505 (NZ)
Fax: +(61) 2 87853 7603
sales@capitalsafety.com.au

CSG Asia

Singapore:
16S, Enterprise Road
Singapore 627666
Phone: +65 - 65587758
Fax: +65 - 65587058
inquiry@capitalsafety.com

Shanghai:

Rm 1406, China Venturetech Plaza
819 Nan Jing Xi Rd,
Shanghai 200041, P R China
Phone: +86 21 62539050
Fax: +86 21 62539060

www.capitalsafety.com



Certificate No. FM 39709