



**Supplemental Instruction to:**  
**Sealed Self Retracting Lifeline**  
(See back page for specific model numbers.)

## **SUPPLEMENTAL INSTRUCTION USER INSTRUCTION MANUAL SEALED SELF RETRACTING LIFELINE**

*Use this Supplemental Instruction with  
Sealed Self Retracting Lifeline User Instruction Manual 5902122.*

This supplement includes additional information for the following sections: Descriptions, 3.6 Retrieval System Operation, 3.7 Retrieval Overload Feature, 5.6 Inspection Steps f or Retrieval Components, 7 Specifications, and 9 Labels.

### **DESCRIPTIONS**

#### **3400800 - SEALED SELF RETRACTING LIFELINE:**

30 feet of 3/16 inch galvanized wire rope, self-locking plated steel swiveling snap hook with indicator.

#### **3400801 - SEALED SELF RETRACTING LIFELINE:**

30 feet of 3/16 inch stainless wire rope, self-locking plated steel swiveling snap hook with indicator.

#### **3400802 - SEALED SELF RETRACTING LIFELINE:**

30 feet of 3/16 inch stainless wire rope, self-locking stainless steel swiveling snap hook with indicator.

#### **3400825 - SEALED SELF RETRACTING LIFELINE:**

15 feet of 3/16 inch galvanized wire rope, self-locking plated steel swiveling snap hook with indicator.

#### **3400826 - SEALED SELF RETRACTING LIFELINE:**

15 feet of 3/16 inch stainless wire rope, self-locking plated steel swiveling snap hook with indicator.

#### **3400827 - SEALED SELF RETRACTING LIFELINE:**

15 feet of 3/16 inch stainless wire rope, self locking stainless steel swiveling snap hook with indicator.

#### **3400850 - SEALED SELF RETRACTING LIFELINE**

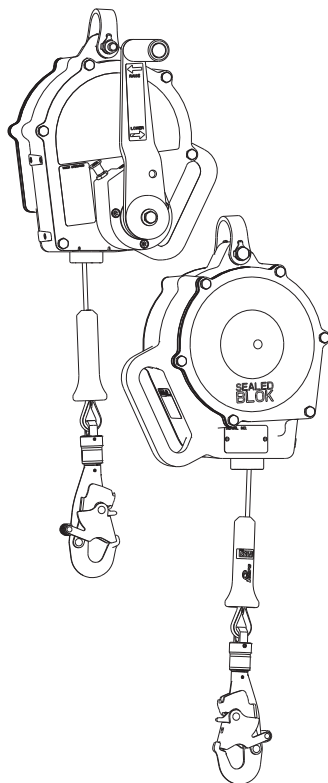
**WITH RETRIEVAL:** 30 feet of 3/16 inch galvanized wire rope, self-locking plated steel swiveling snap hook with indicator.

#### **3400851 - SEALED SELF RETRACTING LIFELINE**

**WITH RETRIEVAL:** 30 feet of 3/16 inch stainless steel wire rope, self-locking plated steel swiveling snap hook with indicator.

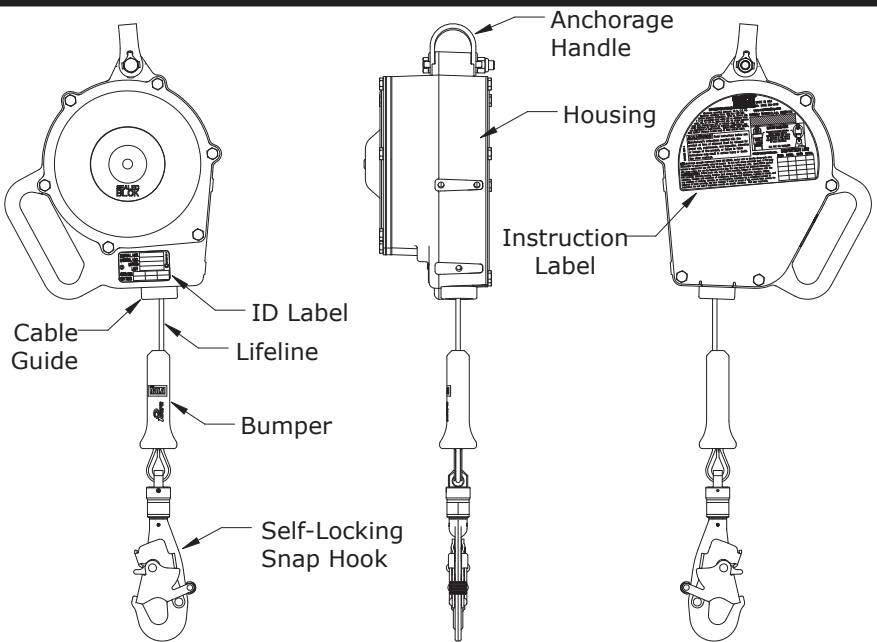
**3400852 - SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL:** 30 ft. of 3/16 inch stainless wire rope, self-locking stainless steel swiveling snap hook with indicator.

**3400853 - SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL:** 30 feet of 3/16 inch stainless steel wire rope, self-locking plated steel swiveling snap hook with indicator, mounting bracket included.

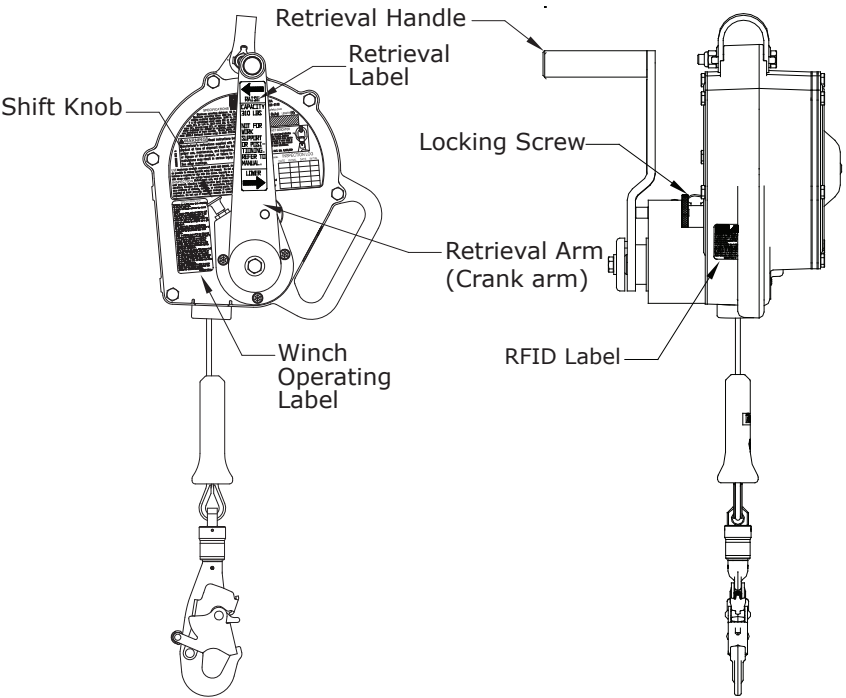




**Figure 1 - Self Retracting Lifeline Parts Identification**



**Figure 2 - Retrieval Parts Identification**



### 3.0 OPERATION AND USE

**3.6 RETRIEVAL SYSTEM OPERATION:** Figure 2 identifies key components of the retrieval system. To activate retrieval mode, rotate the locking screw down completely to free the crank arm. Rotate the handle out from the stowed position. To engage the winch, pull and hold the shift knob in the unlocked position. Push the crank arm in to the engaged position and release the shift knob. If needed, rotate the crank arm clockwise (lowering) to aid in gear engagement.

**A. TO RAISE:** Rotate the crank arm counterclockwise.

**B. TO LOWER:** First crank the crank arm counterclockwise to release the fall arrest brake, then crank clockwise.

**NOTE:** A minimum load of 75 lbs (33.9 kg) is required for lowering or to pay out line. A force of up to 30 lbs is required to operate winch when loaded to capacity.

**CAUTION:** Stop cranking when line is fully extended or retracted. Continued cranking can damage components.

**C. DISENGAGEMENT OF RETRIEVAL MODE:** Remove any load from the lifeline. Pull and hold the shift knob in the unlocked position. Pull the crank arm out to the disengaged position and release the shift knob. Secure the crank arm with the locking screw. Pull out on the retrieval handle and rotate the handle to the stowed position.

**3.7 RETRIEVAL OVERLOAD FEATURE:** Winches on the SRL models covered in this supplementary instruction do not incorporate an overload clutch to limit the force applied to the drive components and the person being raised. Care must be taken to avoid line slack while in rescue mode. Also, the individual must be monitored during retrieval to ensure they do not become stuck and subjected to excessive force from continued lifting.

### 5.0 INSPECTION

#### 5.6 INSPECTION STEPS FOR RETRIEVAL COMPONENTS:

**Step 13.** Inspect the retrieval arm for distortion or other damage. Ensure that the retrieval handle can be rotated out and secured in the cranking position.

**Step 14.** Ensure the locking screw can be tightened completely.

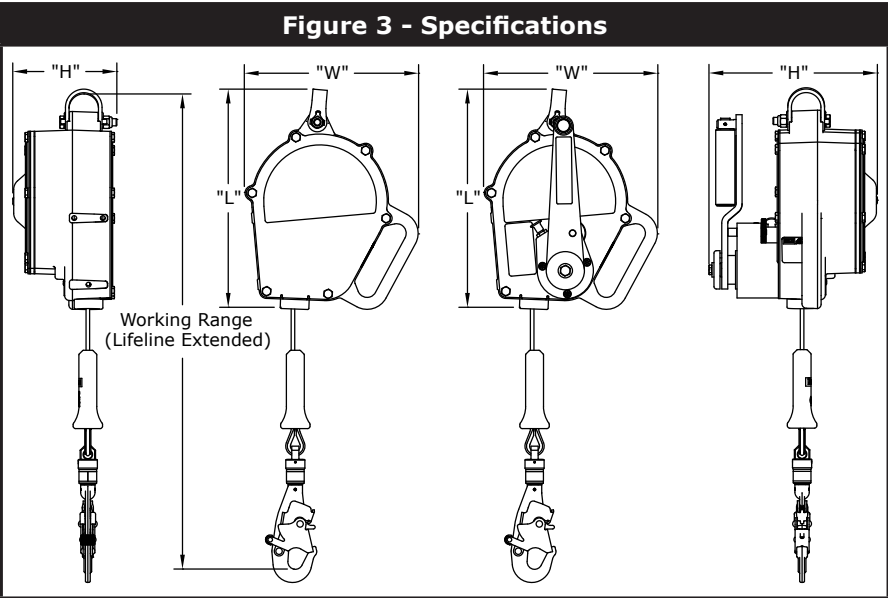
**Step 15.** Ensure the shift knob can be pulled out to the unlocked position and then released, locking the crank arm in both the engaged and disengaged positions.

**Step 16.** Test the retrieval mode for proper operation by raising and lowering a test weight (75 lb - 310 lb sand bag). Retrieval operation should be smooth and even. When the retrieval handle is released, the weight should not move and the retrieval handle should remain in position (no movement). A 'clicking' sound should be evident when raising the load.

**7.0 SPECIFICATIONS**

Model	Size (LxWxH)/Weight	Lifeline Type/Working Range
3400800	11.5" x 9.4" x 5.4"/19 lbs	Galvanized Wire Rope / 30 ft
3400801	11.5" x 9.4" x 5.4"/19 lbs	Stainless Steel Wire Rope / 30 ft
3400802	11.5" x 9.4" x 5.4"/19 lbs	Stainless Steel Wire Rope / 30 ft
3400825	10.2" x 7.6" x 4.3"/12 lbs	Galvanized Wire Rope / 15 ft
3400826	10.2" x 7.6" x 4.3"/12 lbs	Stainless Steel Wire Rope / 15 ft
3400827	10.2" x 7.6" x 4.3"/12 lbs	Stainless Steel Wire Rope / 15 ft
3400850	11.5"x9.4"x8.8"/23.6 lbs	Galvanized Wire Rope / 30 ft
3400851	11.5"x9.4"x8.8"/23.6 lbs	Stainless Steel Wire Rope / 30 ft
3400852	11.5"x9.4"x8.8"/23.6 lbs	Stainless Steel Wire Rope / 30 ft
3400853	11.5"x10.4"x8.8"/25.4 lbs	Stainless Steel Wire Rope / 30 ft

*\*Working Range does not include an additional 2 ft of lifeline which may deploy in the event of a fall.*



**7.1 MATERIAL:** Component material is the same as specified in *Sealed SRL User Instruction Manual 5902122* unless otherwise listed below:

- **Cable Guide:** Nylon
- **Ratchet Ring:** Stainless Steel
- **Motor Spring:** Stainless Steel
- **Connecting Hook:** Forged Alloy Steel or Stainless Steel.

**7.2 OPERATING CHARACTERISTICS, RETRIEVAL MODELS:**

Model	Gear Ratio	Weight Lifted	Cranking Force
3400850	6.2:1	200 lbs	8 lbs - 21 lbs
3400851			
3400852			
3400853		310 lbs	12 lbs - 30 lbs

**9.0 LABELING**

**9.1** These labels must be securely attached to the self retracting lifeline and must be fully legible. See Figures 1 and 2 for label locations.

SERIAL NO.  
MODEL NO.  
MFRD  
LOT  
SERVICE  
DATES

9500256 REV A


**Identification Label  
All Models**



This product is i-Safe enabled and contains an electronic tag that can be read by compatible readers – providing inspection logs, inventory management and other safety information.  
Ce produit est validé dans i-Safe et contient une rondelle d'identification électronique qui peut être lue par des lecteurs compatibles – en fournissant des registres d'inspection, de l'informations sur la gestion des stocks et d'autre information relative à la protection.

9502313 REV B

**RFID Label  
All Models**

**MADE IN USA**  
Ph: (800) 328-6146  
www.capitalsafety.com

**SPECIFICATIONS**  
Maximum arresting distance: 42 in. (1.1 m).  
Maximum arresting force: 900 lbs. (4.0 kN).  
Lifetime material designation: 3/16 in. (3mm) dia. 7 x 19 galvanized steel cable (S) or stainless steel cable (SS), or 1/4 in. (6.3 mm) dia. 12 strand spectra rope (R), galvanized steel cable (S) or stainless steel cable (SS), or 1/4 in. (6.3 mm) dia. 12 strand spectra rope (R), galvanized steel cable (S) or stainless steel cable (SS). See other markings for details on material, construction and use limitations of rope models. Meets OSHA, ANSI Z359.1, ANSI Z359.4 (retrieval models only) & ANSI A10.32-2004.

**WARNING** Read instructions before use. Manufacturer's instructions supplied with this product at time of shipment must be followed for proper use, maintenance, and inspection. Alteration or misuse of this product, or failure to follow instructions may result in serious injury or death. See other markings.

**USE** Anchorage strength requirement 5000 LBS (22kN). Anchor unit as directly above work area as possible to reduce possible swing fall hazard. Do not work above anchorage level. A Full body harness is required for use with this device. Capacity is a single user only. Avoid lifeline contact with sharp edges. For use by trained persons only. See user manual for additional information.

**INSPECTION** Before each use, and at least monthly, inspect in accordance with the user manual, including locking function (pull sharply to test), retraction function, lifeline condition, function and condition of connectors, housing and fasteners, legibility of labels, and any evidence of defects, damage, or missing parts. Inspection by a competent person is required at least annually, see user manual. If used to arrest a fall, remove from service for inspection. Do not use if inspection reveals an unsafe condition. Not user repairable.

**IMPACT INDICATOR**  
Exposed color band indicates impact loading. Remove retractable lifeline from service for inspection if color band is exposed. Refer to user manual for more information.  
U.S. PAT. NO. 5,166,269

**DO NOT REMOVE THIS LABEL**

**INSPECTION LOG**  
DATE INITIAL DATE INITIAL

**Instruction Label  
30 Foot Models Only**

**WINCH OPERATION**  
1) Rotate the locking screw down completely to free the crank arm.  
2) Rotate the handle out from the stowed position.  
3) To engage winch, pull and hold the shift knob in the unlocked position. Push in the crank arm to the engaged position and release the shift knob. If needed, rotate the crank arm clockwise (lowering) to aid in gear engagement.  
4) To raise load, crank counterclockwise.  
5) To lower load, first crank counterclockwise to release the fall arrest brake, then crank clockwise.  
NOTE: A minimum load of 75 lbs (33.9 kg) is required for lowering or to pay out line. A force of 30 lbs (13.6 kg) is required to operate winch when loaded to capacity.  
CAUTION: Stop cranking when line is fully extended or retracted. Continued cranking can damage components.  
6) To disengage the winch, first remove load from line. Pull and hold the shift knob in the unlocked position. Pull out the crank arm to the disengaged position and release the shift knob. Secure the crank arm with the locking screw. Pull out handle and rotate to the stowed position.  
WARNING: Avoid slack line while in rescue mode. Refer to manual supplied with this product for detailed instructions.

9504299 REV A

**Winch Operating Label  
Retrieval Models Only**



MADE IN USA  
Ph: (800) 328-6146  
www.capitalsafety.com

**WARNING** Read instructions before use. Manufacturer's instructions supplied with this product at time of shipment must be followed for proper use, maintenance, and inspection. Alteration or misuse of this product, or failure to follow instructions may result in serious injury or death. See other markings.



#### IMPACT INDICATOR

Exposed color band indicates impact loading. Remove retractable lifeline from service for inspection if color band is exposed. Refer to user manual for more information.

U.S. PAT. NO. 5,186,289

#### USE

Anchor strength requirement 5000 LBS (22kN). Anchor unit as directly above work area as possible to reduce possible swing fall hazard. Do not work above anchorage level. A full body harness is required for use with this device. Capacity is a single user only. Avoid lifeline contact with sharp edges. For use by trained persons only. See user manual for additional information.

**INSPECTION** Before each use, and at least monthly, inspect in accordance with the user manual, including locking function (pull sharply to test), retraction function, lifeline condition, function and condition of connectors, housing and fasteners, legibility of labels, and any evidence of defects, damage, or missing parts. Inspection by a competent person is required at least annually, see user manual. If used to arrest a fall, remove from service for inspection. Do not use if inspection reveals an unsafe condition. Not user repairable.

#### SPECIFICATIONS

Maximum arresting distance: 42 in. (1.1 m).  
Maximum arresting force: 900 lbs. (4.0 kN).  
Lifeline material designation (\*): 3/16 in. (5mm) dia. 7 x 19 galvanized steel cable (G) or stainless steel cable (S), or 1/4 in. (6.3 mm) dia. 12 strand spectra rope (R), aramid rope (K), or vectran rope (V). See other markings for details on material, construction and use limitations of rope models. Meets OSHA and ANSI Z359.1.

(\*) MATERIAL: CAPACITY (lb/kg): LENGTH (ft/m):



DO NOT REMOVE THIS LABEL

#### INSPECTION LOG

DATE INITIAL DATE INITIAL


9304469 REV B

RAISE
CAPACITY
310 LBS
NOT FOR
WORK
SUPPORT
OR POSI-
TIONING.
REFER TO
MANUAL.
LOWER

**Instruction Label**  
**15 Foot Models Only**

**Retrieval Label**  
**Retrieval Models Only**

## WARRANTY

Equipment offered by DBI-SALA is warranted against factory defects in workmanship and materials for a period of two years from date of installation or use by the owner, provided that this period shall not exceed two years from date of shipment. Upon notice in writing, DBI-SALA will promptly repair or replace all defective items. DBI-SALA reserves the right to elect to have any defective item returned to its plant for inspection before making a repair or replacement. This warranty does not cover equipment damages resulting from abuse, damage in transit, or other damage beyond the control of DBI-SALA. This warranty applies only to the original purchaser and is the only one applicable to our products, and is in lieu of all other warranties, expressed or implied.

This supplemental instruction  
applies to the following models.

3400800	3400825	3400850
3400801	3400826	3400851
3400802	3400827	3400852
		3400853

Additional model numbers may appear on the next printing of this instruction.



A CAPITAL SAFETY COMPANY

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3833 SALA Way  
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Phone: (651) 388-8282  
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260 Export Boulevard  
Mississauga, Ontario L5S 1Y9  
Toll Free: 800-387-7484  
Phone: (905) 795-9333  
Fax: (905) 795-8777  
[www.capitalsafety.com](http://www.capitalsafety.com)

This manual is available for download at [www.capitalsafety.com](http://www.capitalsafety.com).



Certificate No. FM 39709