



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 for Retrieval Components, 7 Specifications, and 9 Labels.

DESCRIPTIONS (Model Numbers with "C" denote CSA versions.)

3400800/3400800C - SEALED SELF RETRACTING LIFELINE: 30 feet of 3/16 inch galvanized wire rope, self-locking plated steel swiveling snap hook with indicator.

3400801/3400801C - SEALED SELF RETRACTING LIFELINE: 30 feet of 3/16 inch stainless wire rope, self-locking plated steel swiveling snap hook with indicator.

3400802/3400802C - SEALED SELF RETRACTING LIFELINE: 30 feet of 3/16 inch stainless wire rope, self-locking stainless steel swiveling snap hook with indicator.

3400825/3400825C - SEALED SELF RETRACTING LIFELINE: 15 feet of 3/16 inch galvanized wire rope, self-locking plated steel swiveling snap hook with indicator.

3400826/3400826C - SEALED SELF RETRACTING LIFELINE: 15 feet of 3/16 inch stainless wire rope, self-locking plated steel swiveling snap hook with indicator.

3400827/3400827C - SEALED SELF RETRACTING LIFELINE: 15 feet of 3/16 inch stainless wire rope, self-locking stainless steel swiveling snap hook with indicator.

3400850/3400850C - SEALED SELF RETRACTING LIFELINE WITH RETRIEVAL: 30 feet of 3/16 inch galvanized wire rope, self-locking plated steel swiveling snap hook with indicator.

3400851/3400851C - 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.

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

3400853/3400853C - 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.

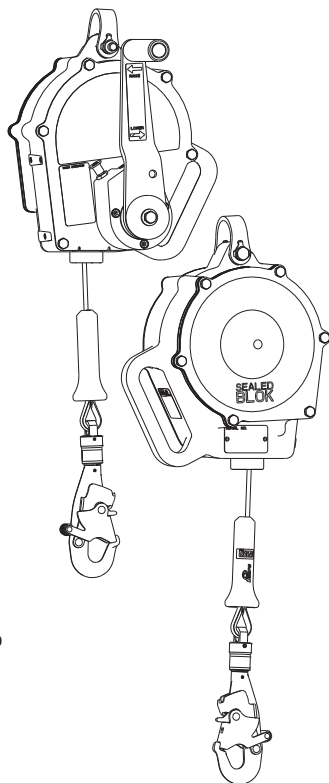


Figure 1 - Self Retracting Lifeline Parts Identification

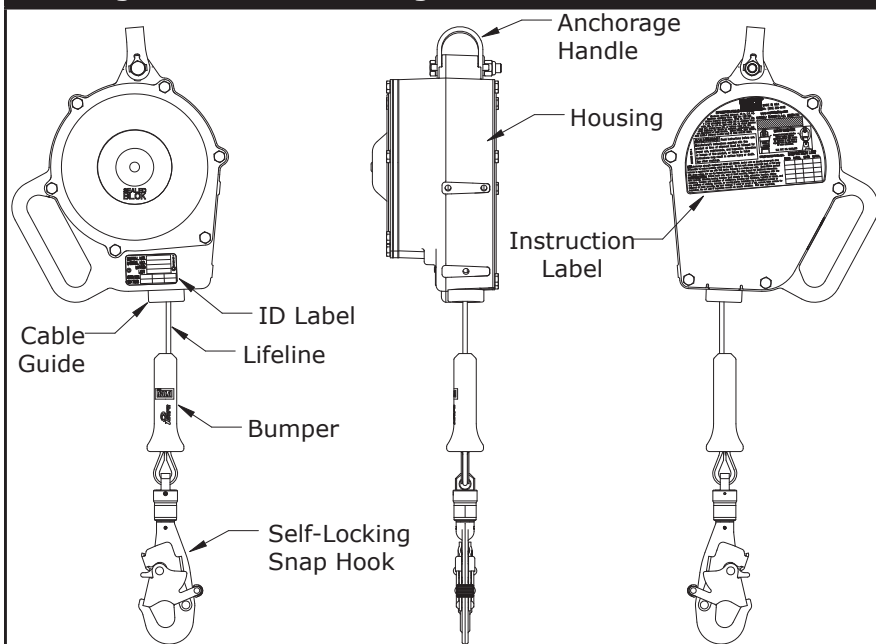
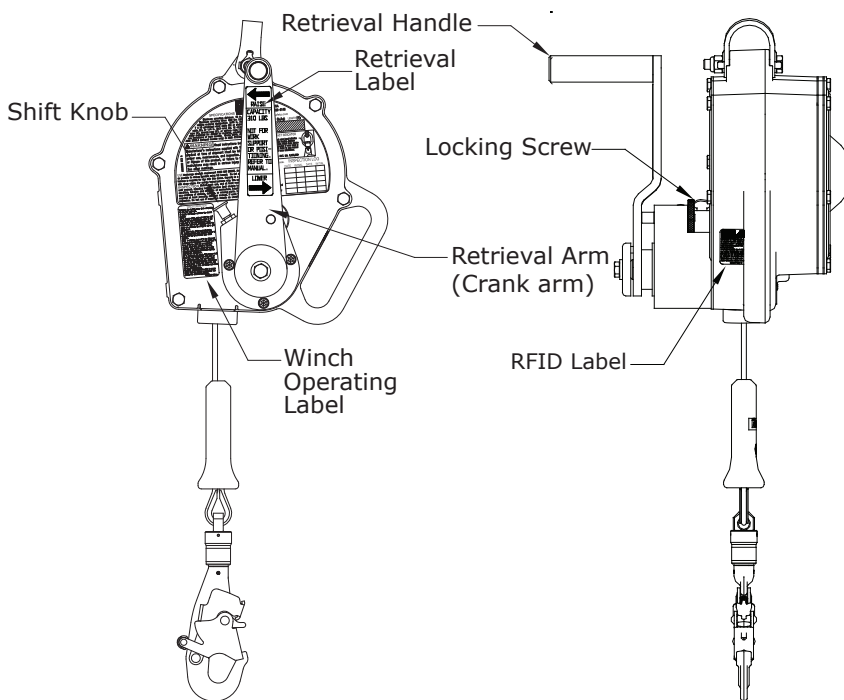


Figure 2 - Retrieval Parts Identification



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.

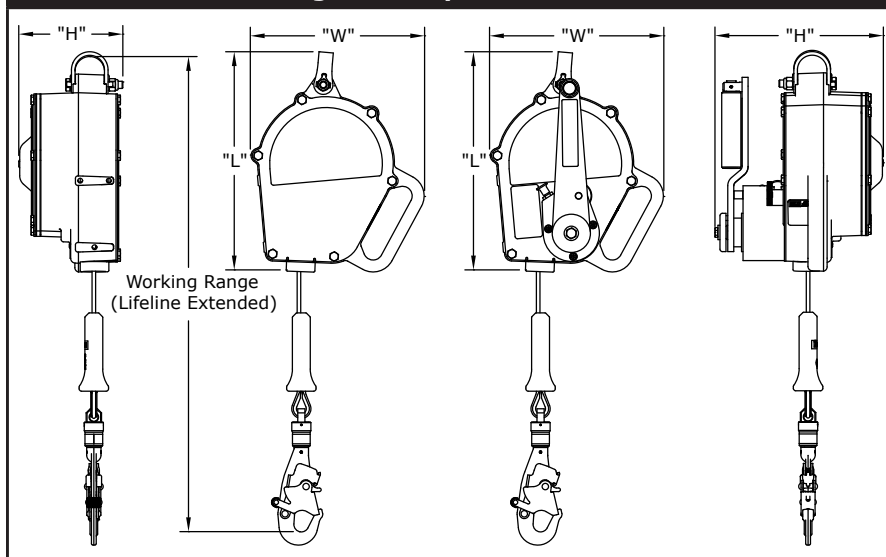
Step 16. Test the retrieval mode for proper operation by raising and lowering a test weight (75 lb - 310 lb sand bag). Retrieval operation should be smooth and even. When the retrieval handle is released, the weight should not move and the retrieval handle should remain in position (no movement). A 'clicking'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

7.0 SPECIFICATIONS

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

Figure 3 - Specifications



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
3400850/3400850C 3400851/3400851C 3400852/3400852C	6.2:1	200 lbs	8 lbs - 21 lbs
3400853/3400853C		310 lbs	12 lbs - 30 lbs

9.0 LABELING

9.1 ANSI MODELS: 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.		9504256 REV A
MODEL NO.		
MFRD		
LOT		
SERVICE DATES		




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

Identification Label

RFID Label



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

SPECIFICATIONS

Maximum arresting distance: 42 ft. (13 m).
Maximum arresting force: 800 lbs. (40 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 (A), or vectran rope (V). 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 Anchor strength requirement 5000 LBS (220kN). Anchor unit as directly above work area as possible to reduce possible swing fall hazard. Do not work above anchor 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. 5,166,289

INSPECTION LOG

DATE	INITIAL	DATE	INITIAL

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

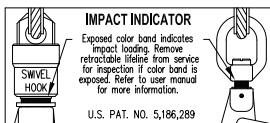
Instruction Label 30 Foot Models Only

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.



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

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.

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 (S) or stainless steel cable (S), or 1/4 in. (6.3 mm) dia. 12 strand spectro 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

9504489 REV B

Instruction Label 15 Foot Models Only

Retrieval Label Retrieval Models Only

9.2 CSA MODELS: 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. /N° de série		9504631 REV A
Model No. N° du modèle		
Mfrd/Fab.		
Lot		
Service Dates / Dates de Réparation		

Identification Label



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

www.capitalsafety.com
USA: 800-328-6146
CANADA: 800-367-7484

WARNING Manufacturer's instructions supplied with this product must be followed for proper use. Failure to follow instructions may result in serious injury or death. This device shall be removed from service when the impact indicator is deployed.

AVERTISSEMENT Pour bien utiliser ce produit, on doit observer les instructions du fabricant fournies avec le produit. Négliger / observer les instructions peut occasionner des blessures graves, voire mortelles. On doit mettre ce dispositif hors de service lorsque l'indicateur de charge est déployé.

USE: Anchorage strength requirement 22 kN (5000 lb). Anchor unit as directly above work area as possible to reduce swing fall hazard. Do not work above anchorage level. Fall body harness required for use with this device. Available contact with sharp edges. For use by trained persons only. See User Manual for additional information. Contact Capital Safety with any questions about the proper use of this product.

UTILISATION: L'ancrage doit avoir une résistance de 22kN (5000 lb). L'ancrage doit être aussi directement que possible au-dessus de la zone de travail pour réduire le risque de chute par balancement. Ne pas travailler au-dessus du niveau de l'ancrage. On doit porter un harnais de sécurité avec ce dispositif. Faire en sorte que la corde d'assurance n'entre pas en contact avec des arêtes vives. Doit être utilisé seulement par des personnes formées. Pour de plus amples renseignements, consulter le guide de l'utilisateur ou le manuel utilisateur.

INSPECTION: Before each use, inspect in accordance with the User Manual including locking function (pull strength to test), retraction, lifeline condition, function and condition of connector, housing and fasteners, legibility of labels, and any evidence of defects, damage or missing parts. Inspection by a competent person required at least annually. This device shall be returned to the manufacturer or approved service agent no more than 2 years after the date of manufacture for inspection and maintenance, and annually thereafter. See User Manual. Do not use if inspection reveals an unsafe condition. Not user repairable.

INSPECTION: Avant chaque utilisation, inspectez conformément au guide de l'utilisateur, notamment la fonction de blocage (tirez l'un des deux pour tester), rétraction, ligne de vie, état de la corde d'assurance, le fonctionnement et l'état du connecteur, du logement et des fixations, la lisibilité des étiquettes et tout autre signe de défaut, de dommage ou de pièce manquante. Le dispositif doit être inspecté par une personne compétente au moins une fois par année. Ce dispositif doit être retourné au fabricant ou à un agent de service approuvé au plus tard deux (2) ans après la date de fabrication pour une inspection et un entretien, puis chaque année par la suite. Voir le guide de l'utilisateur. Ne pas utiliser si l'inspection révèle une condition dangereuse. Non réparé par l'utilisateur.

Next Service
Prochain entretien:

Made in USA
Fabriqué aux USA

Material/Matériau LENGTH (m)/LONGUEUR (m pl):

SPECIFICATIONS:
Capacity - 34-141 kg (75-310 lb) (single user only)
Maximum Arrest Distance: 1.4 m (54 in)
Lifeline 5 mm (3/16 in) x 19 galvanized cable (C) or stainless steel cable (S) or 6.3 mm (1/4 in) diameter 12 strand Vectran rope (A), Spectra rope (B) or Vectran rope (V)

CARACTERISTIQUES:
Capacité: 34 à 141 kg (75 à 310 lb) (un seul utilisateur)
Force d'arrêt maximum: 1,4 m (54 po)
Corde d'assurance: câble en acier galvanisé (C) ou galvanisé (S) ou diamètre de 5 mm (3/16 po), corde Vectran (A) ou Spectra (B) ou Vectran (V) à 12 brins d'un diamètre de 6,3 mm (1/4 po)

IMPACT INDICATOR Inspected for exposed colour band on lifeline hook. Exposed colour band is an indication that impact loading has occurred and the unit must be removed from service for immediate repair.

INDICATEUR D'IMPACT Inspectez pour voir si la bande de couleur est exposée dans le crochet de la corde d'assurance. Si la bande de couleur est exposée, cela indique qu'une charge d'impact s'est produite et que le dispositif doit être hors de service et immédiatement réparé.

FUNCTIONNEMENT DU TREUIL

- 1) Faites pivoter le vis de blocage complètement vers le bas pour débloquer le bras de la manivelle.
- 2) Faites pivoter la poignée hors de sa position réglée.
- 3) Pour enclencher le treuil, tirez et tenez le bouton de vissage en position déverrouillée. Enroulez le bras de la manivelle en position enclenchée et relâchez le bouton de vissage. Au besoin, faites pivoter le bras de la manivelle dans le sens horaire (débayer) pour faciliter l'enroulage de l'espargne.
- 4) Pour soulever une charge, tournez la manivelle dans le sens antihoraire.
- 5) Pour débayer une charge, tournez d'abord la manivelle dans le sens antihoraire pour libérer le treuil enclenché, puis tournez la manivelle dans le sens horaire.

REMARQUE: Une charge minimale de 33,9 kg (75 lb) est requise pour débayer ou enrouler la charge. Une force de 132 kg (30 lb) est requise pour faire fonctionner le treuil lorsqu'il est enclenché.

NE PAS EN CASER: Évitez de tourner la manivelle lorsque le frein est complètement débloqué ou enroulé. Sinon, vous risquez d'endommager les composants.

5504612 REV A

Instruction Label 30 Foot Models Only

www.capitalsafety.com
USA: 800-328-6146
CANADA: 800-367-7484

WARNING Manufacturer's instructions supplied with this product must be followed for proper use. Failure to follow instructions may result in serious injury or death. This device shall be removed from service when the impact indicator is deployed.

AVERTISSEMENT Pour bien utiliser ce produit, on doit observer les instructions du fabricant fournies avec le produit. Négliger / observer les instructions peut occasionner des blessures graves, voire mortelles. On doit mettre ce dispositif hors de service lorsque l'indicateur de charge est déployé.

USE: Anchorage strength requirement 22 kN (5000 lb). Anchor unit as directly above work area as possible to reduce swing fall hazard. Do not work above anchorage level. Fall body harness required for use with this device. Available contact with sharp edges. For use by trained persons only. See User Manual for additional information. Contact Capital Safety with any questions about the proper use of this product.

UTILISATION: L'ancrage doit avoir une résistance de 22kN (5000 lb). L'ancrage doit être aussi directement que possible au-dessus de la zone de travail pour réduire le risque de chute par balancement. Ne pas travailler au-dessus du niveau de l'ancrage. On doit porter un harnais de sécurité avec ce dispositif. Faire en sorte que la corde d'assurance n'entre pas en contact avec des arêtes vives. Doit être utilisé seulement par des personnes formées. Pour de plus amples renseignements, consulter le guide de l'utilisateur ou le manuel utilisateur.

INSPECTION: Before each use, inspect in accordance with the User Manual including locking function (pull strength to test), retraction, lifeline condition, function and condition of connector, housing and fasteners, legibility of labels, and any evidence of defects, damage or missing parts. Inspection by a competent person required at least annually. This device shall be returned to the manufacturer or approved service agent no more than 2 years after the date of manufacture for inspection and maintenance, and annually thereafter. See User Manual. Do not use if inspection reveals an unsafe condition. Not user repairable.

INSPECTION: Avant chaque utilisation, inspectez conformément au guide de l'utilisateur, notamment la fonction de blocage (tirez l'un des deux pour tester), rétraction, ligne de vie, état de la corde d'assurance, le fonctionnement et l'état du connecteur, du logement et des fixations, la lisibilité des étiquettes et tout autre signe de défaut, de dommage ou de pièce manquante. Le dispositif doit être inspecté par une personne compétente au moins une fois par année. Ce dispositif doit être retourné au fabricant ou à un agent de service approuvé au plus tard deux (2) ans après la date de fabrication pour une inspection et un entretien, puis chaque année par la suite. Voir le guide de l'utilisateur. Ne pas utiliser si l'inspection révèle une condition dangereuse. Non réparé par l'utilisateur.

Next Service
Prochain entretien:

Made in USA
Fabriqué aux USA

Material/Matériau LENGTH (m)/LONGUEUR (m pl):

SPECIFICATIONS:
Capacity - 34-141 kg (75-310 lb) (single user only)
Maximum Arrest Distance: 1.4 m (54 in)
Lifeline 5 mm (3/16 in) x 19 galvanized cable (C) or stainless steel cable (S) or 6.3 mm (1/4 in) diameter 12 strand Vectran rope (A), Spectra rope (B) or Vectran rope (V)

CARACTERISTIQUES:
Capacité: 34 à 141 kg (75 à 310 lb) (un seul utilisateur)
Force d'arrêt maximum: 1,4 m (54 po)
Corde d'assurance: câble en acier galvanisé (C) ou galvanisé (S) ou diamètre de 5 mm (3/16 po), corde Vectran (A) ou Spectra (B) ou Vectran (V) à 12 brins d'un diamètre de 6,3 mm (1/4 po)

IMPACT INDICATOR Inspected for exposed colour band on lifeline hook. Exposed colour band is an indication that impact loading has occurred and the unit must be removed from service for immediate repair.

INDICATEUR D'IMPACT Inspectez pour voir si la bande de couleur est exposée dans le crochet de la corde d'assurance. Si la bande de couleur est exposée, cela indique qu'une charge d'impact s'est produite et que le dispositif doit être hors de service et immédiatement réparé.

RAISE / LEVER

CAPACITY: 310 LB
CAPACITÉ: 310 LB

NOT FOR WORK SUPPORT OR POSITIONING. REFER TO MANUAL.

PAS POUR SOUTENIR OU MAINTENIR LA POSITION DE TRAVAIL. VOIR LE MANUEL.

LOWER / DESCENDRE

Instruction Label 15 Foot Models Only

Winch Operating Label Retrieval 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	3400802C	3400827	3400851C
3400800C	3400825	3400827C	3400852
3400801	3400825C	3400850	3400852C
3400801C	3400826	3400850C	3400853
3400802	3400826C	3400851	3400853C

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



A CAPITAL SAFETY COMPANY

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3833 SALA Way
Red Wing, MN 55066-1837
Toll Free: 800-328-6146
Phone: (651) 388-8282
Fax: (651) 388-5065
www.capitalsafety.com

Canada
260 Export Boulevard
Mississauga, Ontario L5S 1Y9
Toll Free: 800-387-7484
Phone: (905) 795-9333
Fax: (905) 795-8777
www.capitalsafety.com

This manual is available for download at www.capitalsafety.com.



Certificate No. FM 39709