



# SUPER ANCHOR SAFETY®

## ExTender™ Web Lanyards Instruction/Specification Manual 2018

ENGLISH  
VERSION

### !WARNING TO USER!

You are required to read and use the Instruction/Specification manual supplied at the time this device was shipped. Improper use and installation can result in serious injury or death. Follow inspection requirements before each use.

### Material Specification

Polyester Webbing: 2.0" (50mm)

**Min. Tensile Strength:** 10,000lb (45kN)

**D-Ring:** Small Slotted zinc plated

3,600lb (16kN) proof load

**Max User wt.:** One person 340lb (154kg)  
including tools and equipment

**Service Length:** Approx 18.0" (457mm)

**Connectors:** 3,600lb (16kN) gate strength complies  
w/ANSI Z359.12-09/CSA Z259.12-16

**Compliance:** ANSI Z359.1-07/ OSHA 1926:502

### Specification of Use

Attaches to the dorsal D-ring of a full body  
harness (FBH) as shown at Fig.2.

**Model 6002-D:** Cinch the Dee-Web loop through  
the FBH dorsal D-ring as shown at Fig.2. Follow  
attachment instructions shown at Figs.5-8.

**Model 6002-S/C:** Attach connector to the dorsal  
D-ring of a FBH (Figs.3-4).

### Non-Specified Use

Not recommended for harness side D-ring use.  
Do not use for mammal tether.

### Fall Protection Specification

- 1) **Fall Arrest:** Requires to use an energy  
absorber component in the PPE rigging.  
Example: Maxima Fall Arrester shown at Fig.10.
- 2) May be used as a connecting lanyard with  
an SRL that is equipped with an internal or  
external energy absorber as shown at Fig.9.
- 3) **Work Positioning:**  
May be used as an extension lanyard with a  
rope grab device provided there is no exposure  
to a free fall.

Fig.1  
ExTender No.6002-D

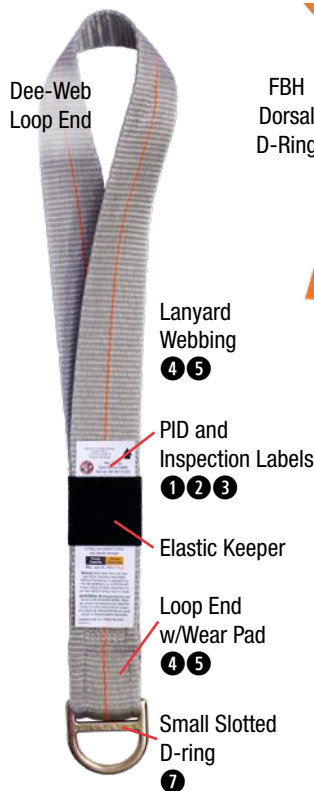


Fig.2  
6002-D  
Attached to Harness



Fig.3  
No.6002-S



Fig.4  
No.6002-C



Fig.5

Align webbing sides  
with loop folded at the  
top as shown here.



Fig.6

Insert Dee loop  
through harness  
D-ring.



Fig.7

Insert webbing  
sides through  
the Dee Loop as  
shown.



Fig.8

Cinch webbing to  
form a Windsor  
style knot.



### Compatibility

The ExTender may be attached to any standard size full body harness  
dorsal D-ring with a minimum inside diameter of 2.3" (58.8mm).

Table 1 ExTender Models:

Part No.	Model	D-Ring	Length	Wt
6002-D	Dee-Web Loop End	Small Slotted	19.0" (482mm)	6.5oz
6002-S	Snaphook		20.0" (508mm)	19.7oz
6002-C	Aluminium Carabiner		18.0" (457mm)	11.2oz

### Storage/Maintenance/Hazards

Store in a dry area. Never store wet. Clean only with mild detergent, soft  
bristle brush or compressed air. Do not use bleach or corrosive cleaning  
materials. Keep away from vermin infested storage areas.

**DO NOT** expose webbing to:

- Open flame
- High heat
- Sharp edges
- Electrical hazards
- Cutting tools or grinders
- Acids, chemicals, solvents or petroleum

## Inspect Before Each Use!

The following inspection points are a guideline of common conditions that occur as a result of abuse, poor maintenance, service damage or long service life. SAS recommends equipment users draft their own Inspection/Maintenance program and inspect before each use, and a minimum of once a year by a competent person. Record inspections on the Lanyard Matrix label.

**Remove equipment from service if any of the following conditions are present:**

⊗= Inspection points **ACTION REQUIRED:** ☒=Remove

ANSI-CSA and OSHA require that lanyards subjected to a free fall must be removed from service immediately and disposed of in a way that prevents further use. ☒

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>❶ Has not been inspected annually. ☒<br/>Check inspection label for data entry.</li> <li>❷ Warning label is missing or not legible. ☒</li> <li>❸ Inspection label is missing or not legible. ☒</li> <li>❹ Webbing cut, abraded, damaged by heat or chemicals. ☒</li> </ul> | <ul style="list-style-type: none"> <li>❺ Webbing stitches cut or loose. ☒<br/>PVC wear pad is damaged or missing.</li> <li>❻ Connectors do not pass function tests.<br/>Snaphooks rivets are missing. ☒</li> <li>❼ D-ring or connector is bent, cut or evidence of extreme oxidation or rust. ☒</li> </ul> |
|---|--|

## Table 2 Connector Function Tests

Snaphook and Carabiner lock gates are designed to remain closed during use to prevent accidental disengagement. Inspect prior to each use and **remove equipment from service if any function test fails.**

Fig.	Test Type	Function	Pass ☑	Fail ☒
11a-12a	Gate-lock	Push against gate only.	Won't open.	Opens.
11b	Gate open	Push gate-lock and gate.	Opens.	Won't open.
11c	Gate close	Release gate and gate-lock at same time.	Snaps shut.	Won't close and lock.
12b	Unlock gate	Rotate barrel lock.	Gate opens.	Won't open.
12c	Gate closes	Release gate/barrel.	Snaps shut.	Won't close.

**Fig.11a**

**Snaphook ❷**



Gate Locked.

**Fig.12a**



## Auto-Lock Carabiner

Perform same tests for thread-lock carabiners.

**Fig.11b**



Unlock gate

**Fig.12b**



**Fig.11c**



**Fig.12c**



## Rigging Examples

Extender lanyards are designed to place the disconnecting device at the workers hip/thigh location to provide easy removal from another PPE component such as a lifeline or SRL.

**WARNING!** ExTender lanyards do not absorb shock and must always be used with an energy absorber component when rigged for fall arrest. A failure to do so will result in forces exceeding 1,800lb (8kN) in the event of a free fall.

**Fig.9**  
6002 w/SRL



**Fig.10**  
6002 w/ Maxima™ Fall Arrestor Lifeline

Factory attached energy absorber.

Super Grab™ No. 4015



## PID Label

Fold Line

Attach to Full Body Harness  
Dorsal D-Ring  
Conectar al Anillo-D Posterior Del Arnes

Mfg. USA by  
Super Anchor Safety  
Monroe, WA 98272 USA

**MAXFORCE**  
WEBB LANYARDS

Complies With  
ANSI Z359.1-2007 OSHA 1926.502  
2" Polyester Webbing  
50mm Cordón De Tejido Polyester  
10,000lb(4540) Min.Tensile Strength

**Model I Modelo**  
**ExTender™ Lanyard**  
**6002-D**  
Dee-Web Loop+D-Ring  
19" Service Length

DOM Y/M

D-Ring zinc plated 5,000lb min. tensile strength.

Person Capacity Persona Capacidad  
Max. user wt. 340lb(154kg)

**Warning!** Keep away from high heat, open flame and avoid sharp edges. Remove from service if subjected to a free fall, webbing is cut or stitches are broken. Failure to follow instructions for use may result in serious injury or death.

**ADVERTENCIA:** Manténgase lejos de calor, llamas y evite los bordes afilados. Retire del servicio si se somete a una caída libre, el tejido se corta, o los puntos se rompen. El no seguir las instrucciones de uso puede resultar en lesiones graves o la muerte.

Lanyard-Label CC.1 ©Sen 05-2018  
Template WL.2

## Inspection Label

Fold Line

Sew Line

Serial No. Super Anchor Safety USA

Serial Number:   
Número de serie:

**Inspection**

MM	YY	By	Pass

**!WARNING TO USER!**  
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**ADVERTENCIA AL USUARIO!**  
Usted debe leer y utilizar el Manual de Instrucciones / Especificaciones suministrado en el momento en que se envía este dispositivo. El uso y la instalación inadecuados pueden resultar en lesiones graves o la muerte.

Lanyard Matrix D.3 ©Sen 05-2018  
Template WL.2

Date of Mfg.  
YYYY-MM