# 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. ☒

1. Has not been inspected annually. ☒ Check inspection label for data entry.
2. Warning label is missing or not legible. ☒
3. Inspection label is missing or not legible. ☒
4. Webbing cut, abraded, damaged by heat or chemicals. ☒
5. Webbing stitches cut or loose. ☒ PVC wear pad is damaged or missing.
6. Connectors do not pass function tests. Snaphoos rivets are missing. ☒
7. D-ring or connector is bent, cut or evidence of extreme oxidation or rust. ☒

## Table 2 Connector Function Tests

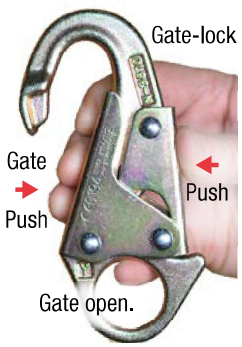
Snaphook and Carabiner lock gates are designed to remain closed during use to prevent accidental disengagement. Inspect prior to each use and remove equipment from service if any function test fails.

| 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** ❼


Gate Locked.

Fig.11b




Unlock gate

Fig.11c

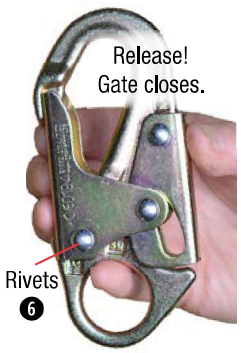



Fig.12a


Fig.12b


Fig.12c


## Auto-Lock Carabiner

Perform same tests for thread-lock carabiners.

## Rigging Examples

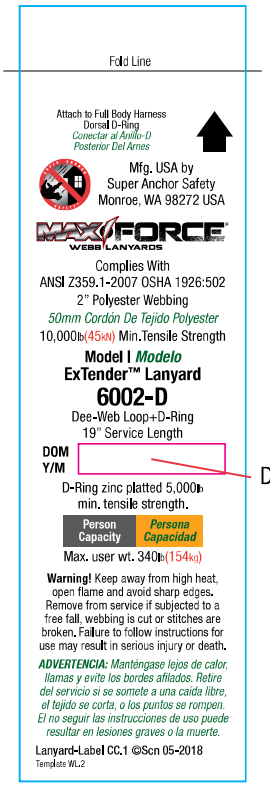
ExTender lanyards are designed to place the disconnecting device at the workers hip/thigh location to provide easy removal from another PPE component such as a lifeline or SRL.

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 Arrester Lifeline**


**PID Label**




Date of Mfg. YYYY-MM

**Inspection Label**