



2D-Lanyard

Instruction/Specification Manual 2025

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.

Lanyard Specification

3/16" (4.7mm) 7x19 Galv. Wire
Min. Tensile: 4,200lb

Compliance: ANSI Z359.1-07
OSHA 1926.502

Swage: Aluminum duplex
Min. strength: 4,000lb (18kN)
SAS = Super Anchor Safety

Max User Wt: 310lb (140kg)

Connector Compliance

ANSI-Z359.12-09 / CSA-Z259.12-11
3,600lb (16kN) gate strength

Specification of Use

The 2D-Lanyard is specified for use as a Fall Restraint or Work Positioning device only. Do not use for Fall Arrest, vertical suspension or window washing, or rescue. Use of this device requires the rigging of a compatible component system that guards the worker from free fall hazards.

Personal Protective Equipment (PPE)

OSHA, ANSI or CSA compliant fall protection equipment including a Full Body Harness (FBH) is required for use with the 2D-Lanyard. PPE mfg. by others must be ensured for compatibility by a qualified or competent person. Component compatibility is ensured using PPE equipment mfg. by **SAS**. See rigging example Fig.5.

- Any side D-ring FBH supplied by **SAS**
- Any **SAS** model lifeline or SRL
- 4015 SuperGrab™
- 4015-C ADP Fall Arrestor
- 4015-V ValueGrab™
- 4015-Z ADP Fall Arrestor
- 4015-M Integral Rope Grab

Fig.2

No.6515-CA

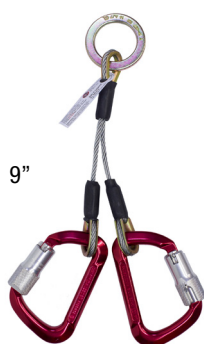


Fig.3

No.6515-CS



Fig.4

No.6515-SH



Rescue Lanyard

Model 6515-C and 6515-SH are specified for rescue when used with **SAS** front D-ring harness No.FD-6071. Consult harness manual.



Fig.1

2D-Lanyard
No.6515-C

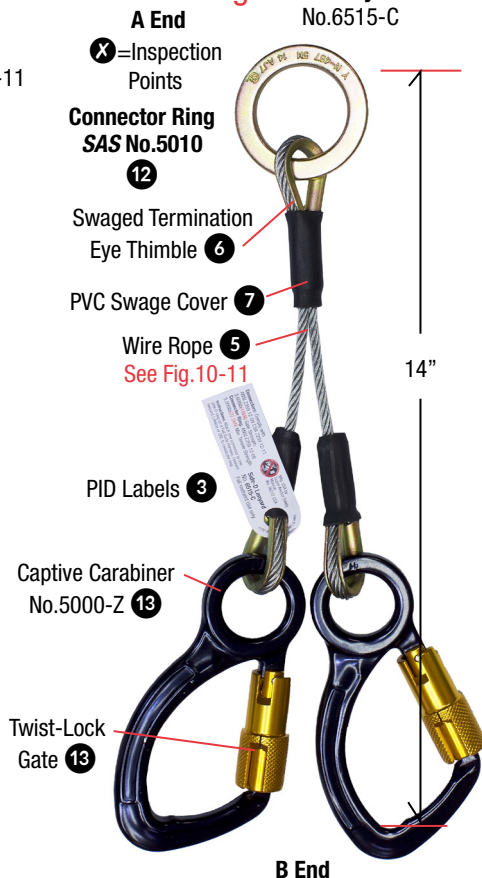


Table 1:

Lanyard No.	Connector No.	Type	Wt.	Fig.
6515-C	SAS No 5000-Z.	Captive Twist-Lock Aluminum carabiner	17oz	1
6515-CA	SAS No.5006-Z	Auto-Lock Aluminum Carabiner	17oz	3
6515-CS	SAS No.5001-Z	Auto-Lock Steel Carabiner	25oz	3
6515-SH	SAS No. 5005-Z	Double Locking Steel Snaphook	33oz	4
6515 DLX	SAS No. 5006-Z	Deluxe 2D-Lanyard w/SuperGrab™	33oz	6

Attachment Instructions: Connect the B Ends of the lanyard to the side D-ring of a full body harness as shown at Fig.5.

Fig.5

SAS Rigging System

Side D-ring Full Body Harness



Fig.7

PID Labels

Connectors: Comply with
ANSI Z359.12-09 CSA Z259.12-11
3600lb (16kN) Gate Strength.
Connector Ring: ANSI Z359.12-09
5,000lb (22.5kN) Min. Tensile Strength.
Instructions: Attach connectors to side
D-rings on a Full Body Harness. Connect
lanyard, Lifeline or SRL to connector ring.



Made in USA by
Super Anchor Safety
Monroe Wa. 98272 USA
**2D-Lanyard
No.6515-C**
DOM

Primary
Label

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.
Inspection: Connectors and wire rope for
Cuts and deformation. Perform connector
function tests prior to each use. Remove
From Service: If evidence of damage.

Material:
3/16" 7x19 Galv Wire Rope
Min. Tensile Strength 4200lb
Max. User Wt. 340lb (154kN)
Use for Fall Restraint or
Work Positioning only.
DO NOT USE FOR FALL ARREST.

Warning
Label

MM				
YY				
By				
Pass				

Inspection
Label

Fig.6



FREE FALL HAZARD WARNING!

Serious injury or death can result if you free fall while attached to the side D-rings of your harness. Always maintain a safe distance from leading edges, gable edges, and openings in the work surface. Users should be trained by a qualified or competent person before using this device.

Inspect Before Each Use!

Prior to each use, inspect lanyard and perform function tests for connectors. Annual inspections should be done at least once a year by a qualified or competent person and recorded on the matrix labels for all equipment. A record of inspections, repair, and removal of equipment from service should be maintained for all equipment. The following inspection points are a guideline of common conditions that occur as a result of abuse, poor maintenance or long service life.

Connectors: Gates are designed to remain closed during use and are fitted with gate locks to prevent accidental disengagement.

Fig.8a Snaphook



Gate Locked

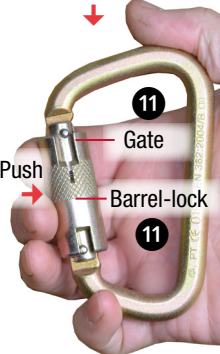
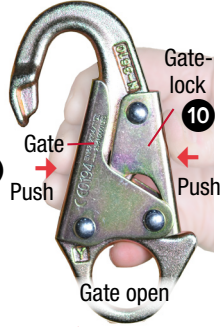


Fig.9a

Fig.8b



Un-lock gate



Fig.9b

Fig.8c



Gate open



Fig.9c

All SAS Model Twist-Lock Carabiners

SuperGrab™ Specifications/Instructions

For 2D-Lanyard Deluxe Kit No. 6515-DLX

SuperGrab™ No.4015

Rope: 7/16" (11mm) Blue Nylon/Poly
Avg. Tensile: 7,400lb (34kN)
Strength Rating: 5,000lb (23kN)
Use For: 5/8" (16mm) diam. rope.
Super Grab Cover: Red PVC
Compliance: OSHA 1926.502
 U.S. Dept Labor letter 03/20/95.

Specification of Use

Single person max. user wt. 310lb (140kg) including tools and equipment. Bi-directional locking function. PVC cover provides a visual fall indicator. If subjected to a free fall or other force the cover will fracture. Compatible with all **SAS** synthetic lifelines.
Inspection: Prior to each use inspect for missing fasteners, rope abrasion and PVC cover for damage.
Instructions: Follow instructions for the **SAS** lifeline system you are using. For other mfg., compatibility must be ensured by a qualified or competent person.

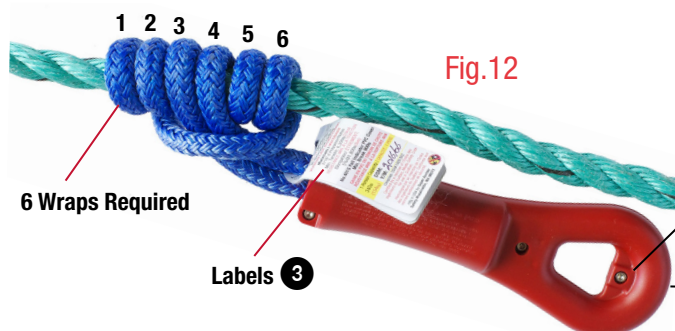


Fig.12

Cover Screws 14
Requires 4 screws

PVC Cover 14
Inspect for damage.

Connectors

- 8 Connector/s are missing. ☒
- 9 Obvious damaged/missing rivets. ☒
- 10 Gate locking device is damaged. ☒
- 11 Gate won't open or close. ☒
- 12 Connector ring is bent, cut or deformed. ☒
- 13 Fails function tests. ☒

☒=Inspection Points **ACTION REQUIRED:** ☒=Remove.

- 1 Subjected to a free fall or other force. ☒
- 2 Obvious damage to any component. ☒
- 3 If warning labels are missing or not legible, maintain a copy of this manual in the user's inspection file. ☒
- 4 Has not been inspected annually. ☒

Wire Rope

- 5 Strands are cut or hooked. ☒ Fig.11
- 6 Thimble missing, broken, deformed. ☒
- 7 Swage damaged, cracked or loose. ☒
- 7 PVC swage cover is missing. Remove from service at users discretion

SuperGrab™ No.4015

- 14 PVC cover is missing, cracked or cover screws are missing. ☒
- 15 Grab knot has fewer than 6 wraps. ☒ Re-tie grab knot. See Fig.12
- 16 Won't hold position on lifeline when a force is applied. ☒
- 17 Locked onto lifeline or won't move position easily. ☒ Loosen grab knots to restore mobility. If no change. ☒

WARNING! Swage covers provide protection from puncture injuries that can be caused from wire rope terminations. Fig.10

Fig.10



PVC Swage Cover is missing. Swage Termination is visible.

Fig.11



Do not use lanyards with burs, cuts or gouges.

Storage/Maintenance/Service Life

Galvanized wire rope and connectors are subject to oxidation when exposed to moisture and salt air for prolonged periods. Always store in a warm, dry area. Clean the lanyard with low-pressure air or water. DO NOT USE any type of acid, chemicals or corrosive cleaning agents. Service life is based on frequency of use, environmental conditions and normal wear and tear.

Service life begins at time of first use.

Function Tests

Test Snaphooks and Carabiners before each use.

Remove equipment from service if any function tests fails.

Fig.	Test Type	Function	Pass ☑	Fail ☒
8a-9a	Gate-lock	Push against gate only	Won't open	Opens
8b	Gate-open	Push gate-lock and gate at the same time	Opens	Gate won't open
8c	Gate-close	Release gate and gate-lock at same time	Snaps shut	Won't close and lock
9b-9c	Un-lock gate	Rotate barrel lock	Gate opens	Won't open
9a	Gate closes	Release gate/barrel	Snaps shut	Won't close

Remove equipment from service if any of the following conditions are present and dispose of in a way that prevents further use.