

X-Line.

X-Line Conventional Rigging.

Snaphook is attached to anchor point.

Fig.1



Page 1 Mfg. Super Anchor Safety + 8522-216th St. SE, Woodinville, WA 98072 USA + Phone: 425-488-8868 + www.superanchor.com

RLS (Reverse Lifeline System) **Rigging Method:**

Shown in fig.4, the X-Line is attached to the anchor point with the Super Grab and a carabiner. A termination knot is required between the lifeline tail end and the Super Grab as shown in fig. 4a. The snaphook end of the X-Line is connected to the workers lanyard or shock absorber. Position adjustments are made by moving the line through the Super Grab. Excess line slack is stored above the anchor point.

SAS Anchorage Devices:

Shown in fig. 3, the RS-10, Retro-Fit, 5-K and 3-K are mounted over the sheathing onto a top chord. The Universal anchor can be mounted directly onto the sheathing and is reusable. The ARS series mounts over the top chord and has several flashing systems available for permanent installation. See our website for further information.

Connecting Hardware:

Locking type snaphooks and auto-locking type carabiners are the only types of connecting hardware approved for use with SAS equipment. Use SAS #5006 anodized aluminum or #5001 steel autolocking carabiners.

Rope Grab Replacement:

Provided the lifeline / rope grab system has not been subjected to a fall impact, the rope grab may be replaced with #4015 Super Grab.

Required Inspections Before Each Use.

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

- X-Line and Super Grab:
- Cuts, abrasions, pulled strands. Fig. 5b
- Eye thimble is missing or broken. Fig. 5a
- Missing warning label, shrink tube cover or tail end shrink tube. Fig. 5c
- Chemical, petroleum, or heat damage.
- Tubing leaks inside line or ends are cut off.

Gate Lock.

- Tubing does not exit eye thimble. Fig. 1
- Grab cover is cracked or broken.

Fig.6

Snaphook / Carabiner

Function Test.

Fig.6a

Pull against gate

only. It should

not open or move.

ocked

Position

Gate

Gate.

Function Tests for Snaphook / Carabiner:

The snaphook and carabiner locking gates must open only when the locking devices are activated and must remain in the locked position when in use. If any of the following function tests fail, remove from service.

Open

Position.

Fig.6b

Activate locking

device, pull against

gate, it should open.

Rotate

Barrel

Fig.6e



- Less than 6 wraps around X-Line.
- Super Grab is missing or replaced w/non-approved type rope grab. **Snaphook / Carabiner:**
- Do not pass function tests, have cracks, breaks, gouges or frame is distorted or bent.

Missing.

Locked

Position.

Fig.6c

Release lock. The

gate should snap

back and lock.

Open

Fig.6





Shrink Tube

Fig.7 Non-Compatible Connections: Do not Make these types of connections.

7b

Mechanical Grab installed onto

X-Line.

7c Super Grab Attached to Harness on Back Side D-Ring.

Snaphook Connected To Grab Eye Thimble Or Prussic Knot.

If a Fall Occurs:

Fig.6d

All equipment subjected to fall impact must by OSHA rule, be permanently removed from service.



Fig.4 RLS Method. Super Grab is connected to an Anchor Point with a Carabiner.

> ARS 2x8 #2801

> > Fig.4b

X-Line Connects to Shock Absorber.



Retro-Fit

#2815

5-K #2804

Fig.3

Anchorage

Devices.

#1018

3-K

Universal

#1009

RS-10

#2813