



# SUPER ANCHOR SAFETY®

## No.1215 SRL-UH SRL Holder Instruction/Specification Manual 02-2021

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.

### Materials

**Base Plate:** 3/8" Q235 steel

**Fixed/Adjustable Sides:** 1/8" Q235 Steel

**Finish:** HDG coating

**Detent Pin:** SAS No.2015-6.0-8

3/8" grade 300 sst.

**Skid Plates:** 3/16" and 3/8" polymer

**Anchorage Bolt/Lock Nut:** 5/8-11 grade 5

**SAS** in this manual = Super Anchor Safety  
Qualified/Competent Person = OSHA definition.

⚡ Inspection Points.

### Compliance

ANSI Z359.1-07/OSHA 1926.502

### Specified Use

Rotating holder for SRL/SRD self retracting lifelines.

5-1/4" maximum casing width (Fig.4). SRL compatibility with the SRL-UH holder must be approved by a qualified or competent person prior to use.

**User wt:** 310lb including tools and equipment

**Max. Free Fall:** 6ft **Max. Slope:** 8/12

**PPE:** Required to use current ANSI, CSA or OSHA compliant PPE.

Use of a personal energy absorber (E/A) or SRL equipped with an internal or external E/A is required.

### SRL-UH Compatibility

The SRL-UH is required to be bolt attached to a SAS Compatible anchor model specified in Table 1 and shown on pages 2 and 3 of this manual. Attachment to anchorages mfg. by others may be specified by a qualified or competent person.

### Attaching SRL to the Holder

- 1) Before setting the SRL in the holder, attach the SRL-UH to one of the SAS anchorage models shown on page 2 and 3 of this manual.
- 2) Remove detent pin from connector adjustment holes.
- 3) Loosen the adjustable side flange nuts, slide open the adjustable side, and set SRL in place (Fig.2).

- 4) Slide adjustable side against SRL casing and tighten flange nuts with a 9/16" socket or open-end wrench using moderate force. DO NOT overtighten (Fig.3).
- 5) With SRL casing level, align the connector end with the detent pin connector holes that are nearest to level. (Fig.2,3).
- 6) Insert detent pin through adjustable and fixed side corresponding to connector holes so that detent pin is levelled (Fig.3).
- 7) Prior to use, perform the detent pin locking test as specified on page 3.

Fig.1  
SRL-UH



### Structural Support

The supporting structure to which the SRL-UH anchor type is attached must be capable of supporting 5,000lb or 2x the intended fall protection load per OSHA 1910.140(13).

Fig.2

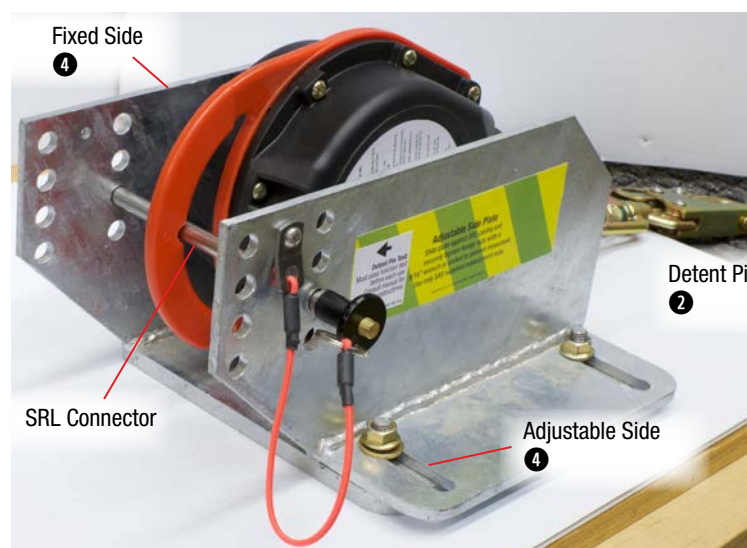
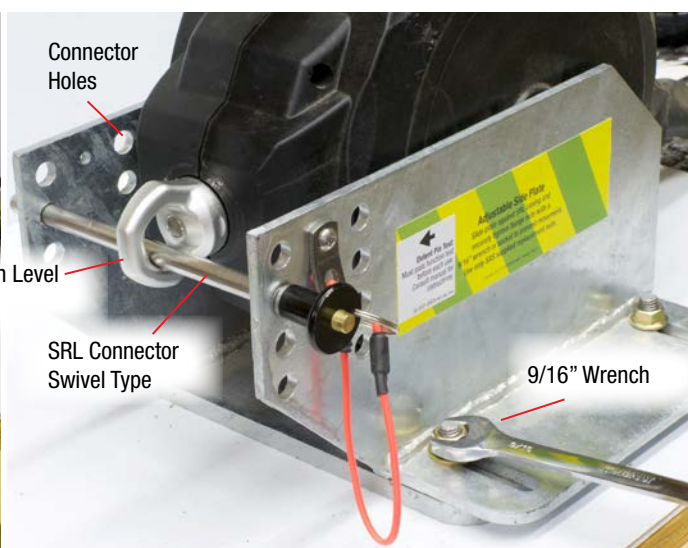
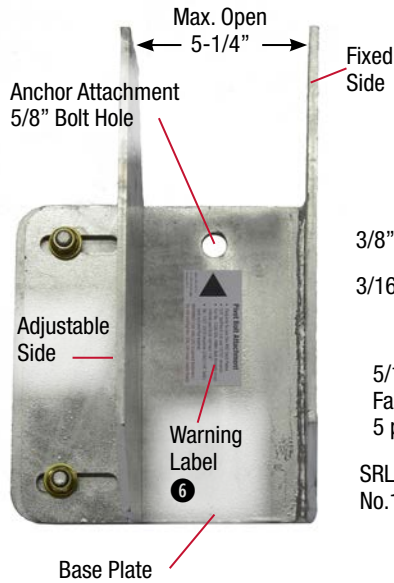
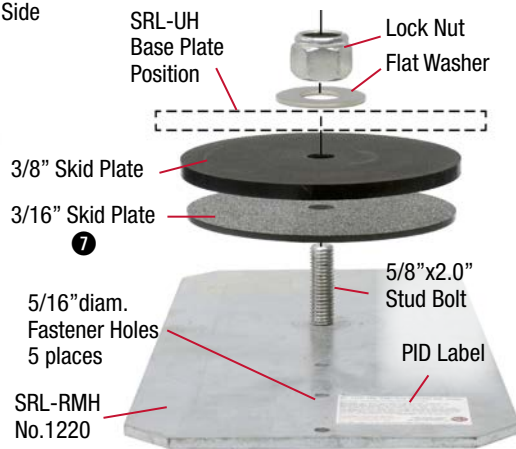


Fig.3



**Fig.4****SRL-UH Top View****Fig.5****Assembly**

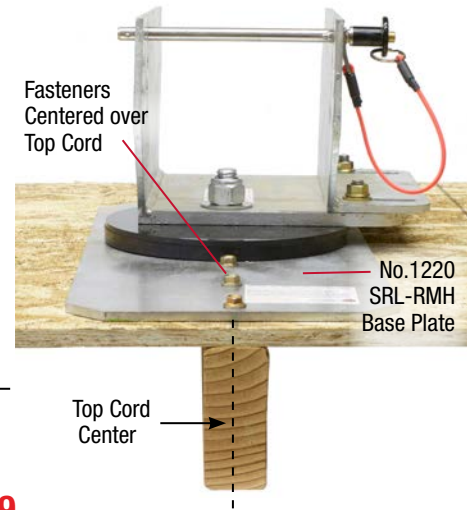
Skid plates are required for smooth rotation of the base plate when it is attached to an anchor. For best performance, textured sides should face each other. 2 different plate thicknesses are required.

**Warning!**

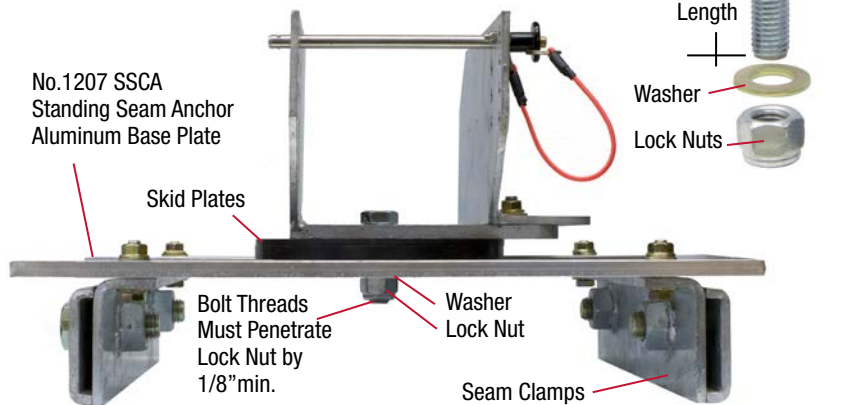
A Nylock nut is required to prevent loosening from the attachment bolt. A failure to use a lock nut can result in the base plates unintentional disengagement from the anchor point.

**Fig.7****Wood Framing Installation**

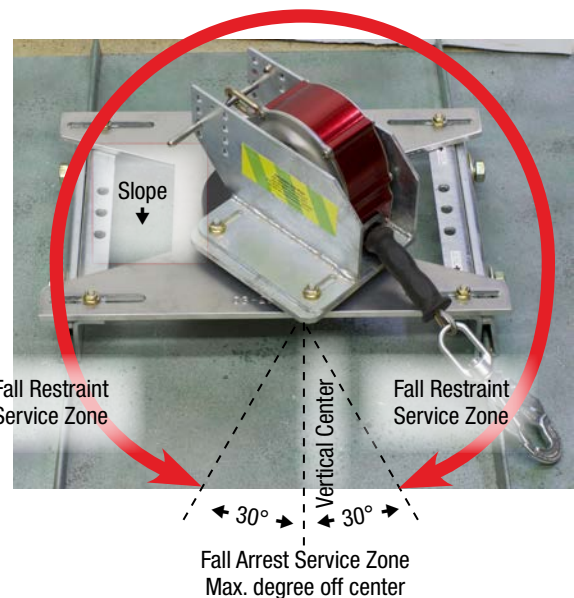
Install over fully sheathed framing with a min. 2x4 Top Cord. Center SRL-RMH base plate fastener holes over Top Cord Center. Attach with Sea 3.0" length WS Screws.

**Fig.6****WS-Screw****Fig.8****Metal Panel Roofing Installation**

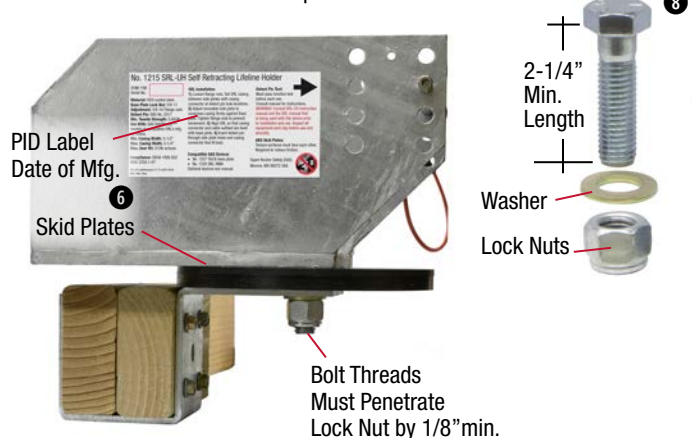
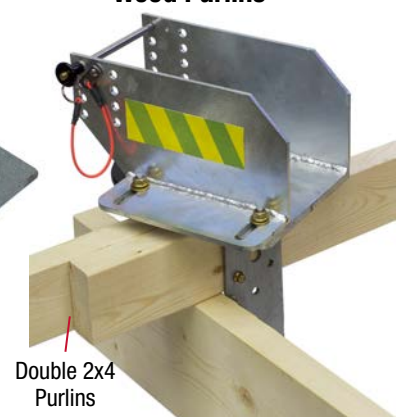
Attach SRL-UH to Standing Seam Anchor No.1207 as shown. A washer is required between the lock nut and aluminum base.

**Fig.9****SRL-UH Service Zones**

Regardless of the anchor type to which the SRL-UH is attached, the maximum angle off vertical center when exposed to a Free Fall Hazard is 30° as shown here. For Fall Restraint use, the service zone is 360°.

**Fig.10****No.1302-2XM Purlin Anchor**

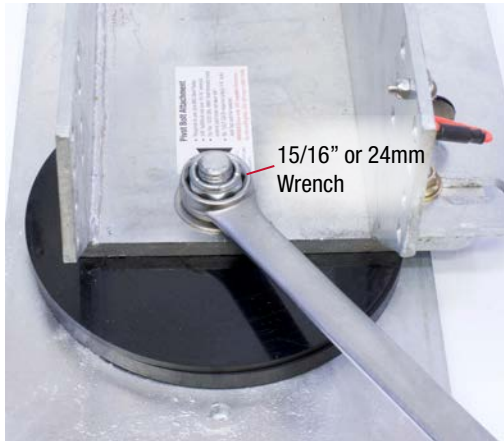
A washer is required between the lock nut and Purlin anchor base plate.

**Fig.11****No.1302-2XM Purlin Anchor****Fig.12****SRL-UH Attached to Wood Purlins**

**Fig.12****Attachment Bolt/Lock Nuts**

Always use SAS specified bolt lengths as shown in Table 1 with lock nuts and flat washers.

**Warning! DO NOT use plain non-locking type bolt nuts because they will unthread during use.**

**Attachment Bolt/Lock Nuts**

5/8" lock nuts and bolts require to use a 15/16" or 24mm open-end or socket wrench. DO NOT use pliers or crescent wrenches as they may damage the bolt head and lock nut.

**Instructions/Inspection**

Tighten lock nut just enough to flush mount with washer and base plate surface with sufficient force to prevent any wobbling of the SRL-UH base plate.

- DO NOT overtighten.
- Check for smooth rotation.  
Loosen lock nut if rotation is not smooth.
- If base plate wobbles, tighten lock nut.

**Table 1 Anchorage Attachment Bolts**

| Anchor Model | SRL-UH Bolt      | See Fig. |
|--------------|------------------|----------|
| 1220 SRL-RMH | 5/8" Nylock nut  | Fig.5    |
| 1207 SSCA    | ▲Min. 5/8x2-1/4" | Fig.8    |
| 1302-2XM     | ▲Min. 5/8x2-1/4" | Fig.10   |

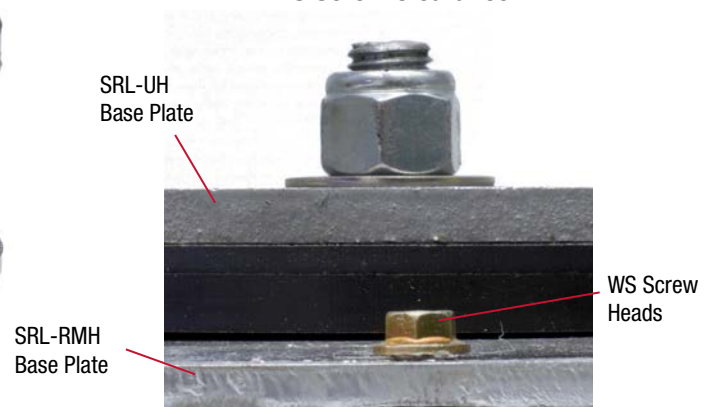
▲ Longer length bolts may be used.

**Fig.13****Skid Plate Installation**

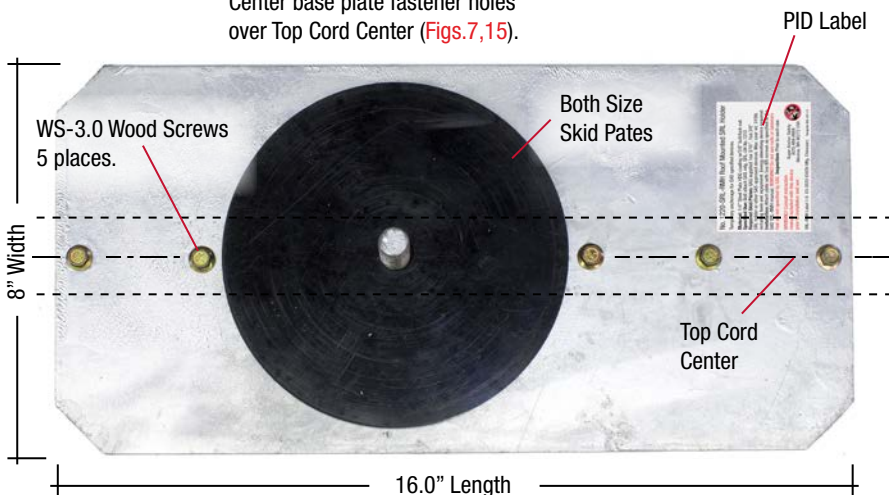
Skid plates have textured surfaces that should always be installed facing each other and are required for smooth rotation of the SRL-UH base plate (Fig.13). DO NOT install with smooth sides facing each other. The textured skid plate surfaces will wear over time and should be replaced. See replacement part list.

**Skid Plate Dimensions**

The stacking order of each plate may be interchangeable provided textured surfaces face each other. It is critical to use a 3/8" plate with a 3/16" plate for attachment bolt lengths to fit properly. When using the SRL-RMH base plate over wood framing base plate, both skid plates are required to prevent the SRL-UH base plate from contacting the WS screw heads (Fig.14).

**Fig.14****WS Screw Clearance****Fig.15****SRL-RMH Installation**

Center base plate fastener holes over Top Cord Center (Figs.7,15).

**Fig.16****WS Screw Installation**

Using a cordless drill with 3/8" hex driver tip, set drill torque to the lowest setting that allows the screws to be set with heads flush on the base plate surface. DO NOT overtighten.



## Annual and Daily Inspections and Maintenance

Inspect all components used with the SRL-UH holder prior to each use and inspect annually by a competent person. A written plan for service, maintenance, removal from service and user training should be maintained by the user for this device. The following inspection points may be used as a guideline to inspect for normal wear, tear and abuse. **Equipment removed from service must be disposed of in a way that prevents further use.**

**Remove equipment from service if any unrepairable conditions are present:**

### ACTION REQUIRED:

☒=Remove ☑=Repair

- 1 Subjected to a Free Fall or other force. ☒
- 2 Fails inspections or detent function tests. ☒ Detent pin is bent or grip is damaged.
- 3 Has not been inspected annually. **Perform inspection and return to service.** ☑
- 4 Fixed or adjustable sides are bent or welds are cracked. ☒
- 5 Adjustable side flange bolts are bent, stripped or damaged. Flange Nuts are missing. ☒
- 6 PID/Warning/Instruction labels are missing or not legible. **Request replacement labels.** ☑
- 7 Skid plate texture surfaces are worn and won't rotate freely. **Order replacement skid plates.** ☑
- 8 Attachment bolt, wrong length, stripped threads, Lock Nut damaged or not being used. ☒ **Replace with SAS factory specified Bolt/Lock Nut.**

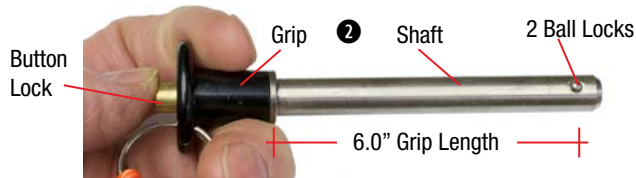
## Detent Pin Function Test

Prior to each use and every time the detent pin is removed and reset, perform the following tests and inspections. If any test or inspection fails, remove the detent pin from service and replace with a new pin.

| Test                   | Test Procedure  | Pass                             | Fail  |
|------------------------|---|----------------------------------|---|
| Locking<br>Fig.17.1    | Push lock button and release.                         | Button returns to lock position. | Button does not return, hangs up or grinds. |
| Ball Locks<br>Fig.17.2 | Push lock balls on both sides.                        | No movement of lock balls.       | Lock balls depress.                         |
| Pin Hole<br>Fig.17.3   | Insert detent pin into pin hole and pull on the grip. | *Pin cannot be pulled out.       | Pin can be pulled out easily when locked.   |

\*To prevent the pin from jamming in the pin hole, pull with moderate force.

**Fig.17.0 Detent Lock Pin No.2015-6.0-8 Locked Position Button Open**



### 17.1



### Un-Locked Position Button Closed

Lock balls should depress into the shaft cavities.

### 17.2



### Ball Lock Test

In locked position, apply pressure to lock balls. Test both sides for no movement.

### 17.3 Pin Hole Test



Pull lightly on grip. The pin should not extract fully.

## PID/Warning/Instruction Labels

Labels that are damaged or no longer readable must be replaced. Provide original sales invoice when requesting replacement labels.

**Primary: See Fig.10**

**No. 1215 SRL-UH Self Retracting Lifeline Holder**

DOM: Y/M  
Serial No.  

**Material:** HDG coated steel.  
**Base Plate Lock Nut:** 5/8-11  
**Adjustment:** 3/8-16 Flange nuts  
**Detent Pin:** SAS No. 2017  
**Min. Tensile Strength:** 5,000lb  
**Use With:** SAS SideWinder™ models or compatible SRL's mfg. by others.  
**Min. Casing Width:** 3-1/2"  
**Max. Casing Width:** 5-1/4"  
**Max. User Wt:** 310lb w/tools

**Compliance:** OSHA 1926.502  
ANSI Z359.1-07  
SRL-UH Label Template 2.0 01-2020 GSCN (MIT)  
MIT, Wg. China

**SRL Installation**  
1) Loosen flange nuts. Set SRL casing between side plates with casing connector at detent pin hole locations.  
2) Adjust moveable side plate to compress casing firmly against fixed plate. Tighten flange nuts to prevent movement.  
3) Align SRL so that casing connector and cable outfeed are level with base plate.  
4) Insert detent pin through side plate holes and casing connector that fit best.

**Detent Pin Test:**  
Must pass function test before each use. Consult manual for instructions.  
**WARNING!** Consult SRL-UH instruction manual and the SRL manual that is being used with this device prior to installation and use. Inspect all equipment each day before use and annually.

**ABS Skid Plates:**  
Texture surfaces must face each other. Required to reduce friction.

**Compatible SAS Devices**  
• No. 1207 SSCA base plate  
• No. 1220 SRL-RMH  
Optional devices see manual.

**Super Anchor Safety (SAS)**  
Monroe, WA 98272 USA

**Instruction: See Fig.1**

**Detent Pin Test:**  
Must pass function test before each use. Consult manual for instructions.

**Adjustable Side Plate**  
Slide plate against SRL casing and securely tighten flange nuts with a 9/16" wrench or socket to prevent movement. Use only SAS supplied replacement nuts.

**Warning: See Fig.4**

**Pivot Bolt Attachment**

- Requires to use 2ea ABS Skid Plates
- 5/8" bolt/lock nut use 15/16" wrench.
- For No. 1220 SRL-RMH: Bolt threads must extend past lock nut face 1/8"
- No. 1207 SSCR requires 5/8x2-1/4" bolt+lock nut and flat washer.

**WARNING!** Use only SAS supplied fasteners. Do not overtighten. SRL-UH must rotate freely.

## Anchorage and SRL-UH Bolts

Use only **SAS** supplied UNC attachment bolt types and dimensions as specified in this manual. See Table 1. **DO NOT drill additional holes in the SRL-UH.**  
**DO NOT use bolts supplied by others.**

## SAS Model SRL's

SideWinder™ SideWinder3™ SideWinder2™ SideWinder2-LE™



Not all SRL models are shown.

## Replacement Parts

| Part No.   | No. Pcs | Part Name                  |
|------------|---------|----------------------------|
| 2015-6.0-8 | 1       | Detent Pin w/Tether        |
| 1215-SPK   | 2       | 3/8" and 3/16" Skid Plates |
| Request    | 1       | 5/8-11 Lock Nut            |
|            | 3       | SRL-UH PID Label Pack      |
|            | 2       | 3/8" Flange Nuts           |

**Detent Pin No.2015-6.0-8**  
w/Tether, Fasteners, Bracket



3/8" Flange Nut



5/8" Lock Nut

