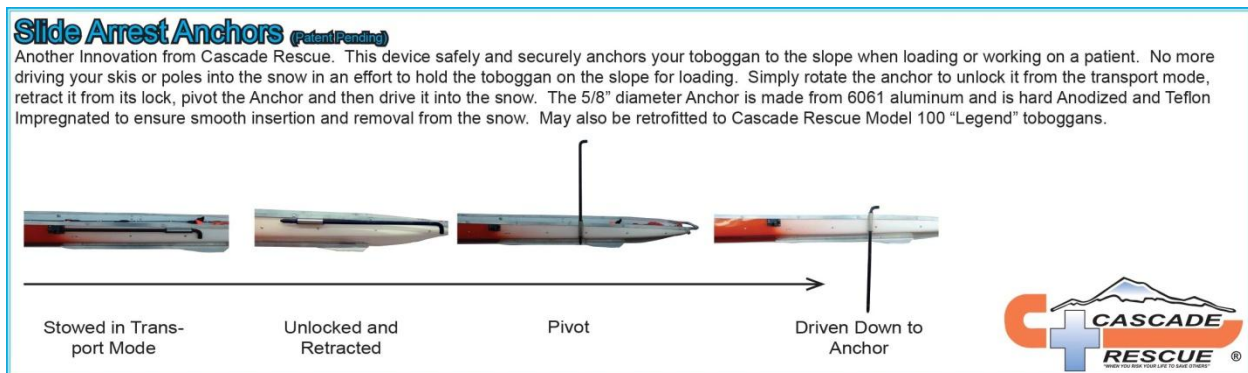




Installation Instructions Slide Arrest Anchor

The Cascade Rescue Slide Arrest Anchors are designed to firmly anchor your Cascade Toboggan to the ski slope while loading or working with your patient. They are not designed to be used while the toboggan is in motion. The Slide Arrest Anchors (SAA) must always be stowed in the locked position when the toboggan is moving. Below is a basic diagram on how they work.



Slide Arrest Anchors can be ordered as a "Factory Installed" option on new toboggans, or retrofitted on older Model 100 "Legend" toboggans by the user. To Install:

If you plan on installing one SAA, we recommend that you install it so that when it is deployed, the anchor is in the middle of one side of the toboggan. If two are to be installed, then it is recommended that an anchor is installed on opposite sides of the toboggan, placing one anchor as far forward and one as far rear of the toboggan as possible. The picture above illustrates placement of a SAA at the rear of the toboggan. Be careful to ensure that the retraction or placement of the SAA does not interfere with other components of the toboggan. The SAA should also be installed high enough so that the bottom of the handle does not extend below the bottom of the toboggan. Generally 1.5 to 2" from the top works well for hole placement.

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Placement on Model 100's should be accomplished as follows:

1. The SAA will come partially assembled in the same order as depicted below. To install, remove parts 5, 6 and both part 10's from the assembly.
2. You will be measuring your placement locations from the inside of the toboggan. Specifically, all measurements will be taken from the forward edge of the front Footman Loop. The Footman Loop is the hardware that holds the straps in. On the Right side (skiers right), measure 5 3/8" back from the front of the forward-most footman loop. Make a mark inside the toboggan. This will be the location of your forward Slide Arrest Anchor on the Right side.



On the Left side of the toboggan, measure back 34 3/4" from the forward most Footman Loop and make a mark in the inside of the toboggan. This will be the location of your rear Slide Arrest Anchor on the Left side.

3. On the Right side, center one Part 10 over the mark you made on the inside of the toboggan and just below the internal frame of the toboggan with the point of the triangle pointing down. Use the part as a template to drill three 3/16" holes through the side of the toboggan.



4. Place the second Part 10 on the outside of the toboggan and align the holes you drilled in Step 3. Insert three 3/16ths inch rivets through the holes in Part 10 on the outside of the toboggan, through the toboggan and then through the second Part 10 on the inside of the

toboggan. "Pop" the rivets. This effectively "sandwiches" the side of the toboggan between the two Part 10 Pieces.



5. Drill a 5/8" hole through the toboggan in the center of Part 10.



4. From the outside of the toboggan, insert the threaded stud (7) that protrudes from the Anchor Spike Sleeve (3) into the hole, seating the Delrin Bearing into Part 10 and into the hole.



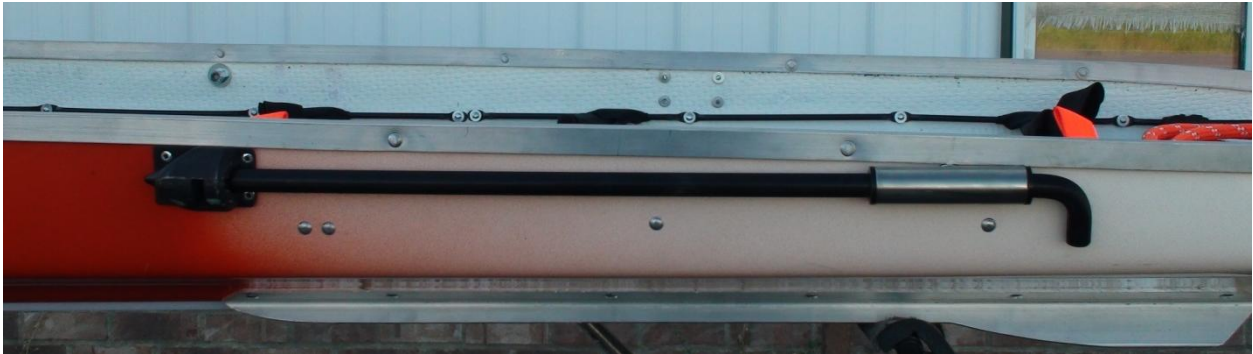
8. Place the washer (6) over the stud on the inside of the sled and then thread the Flexlock Nut (5) onto the end of the stud and tighten.



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9. Ensure the Anchor Spike is fully extended. This will place the Anchor Seat (1) at its maximum distance from the Anchor Spike Sleeve (3). Ensure the Anchor Spike is fully seated and locked in the Anchor Seat. Use the Anchor seat to mark four 3/16" holes. Drill the four 3/16" holes and secure the Anchor Seat using the four remaining rivets and washers.

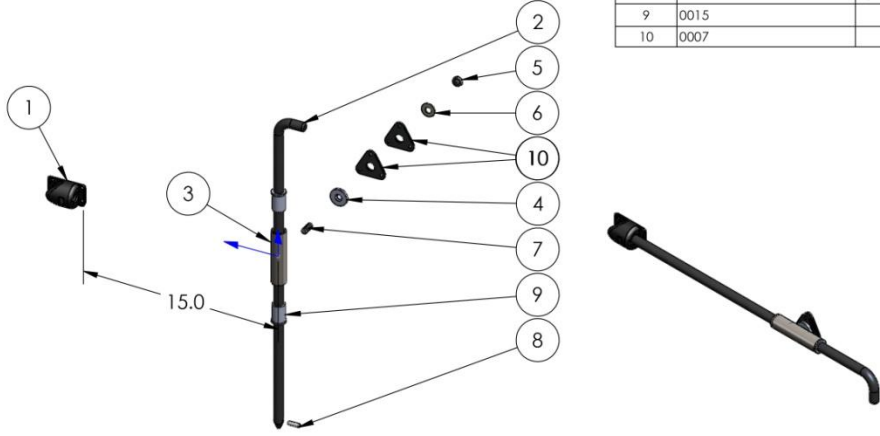
Your completed installation should look like the photo below:



Below is a diagram of the parts that come with the Slide Arrest Anchor Kit.

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ITEM NO.	PART NUMBER	DESCRIPTION	Anchored/QTY.
1	0002-0001	ANCHOR SEAT	1
2	0002-0002	ANCHOR SPIKE	1
3	0002-0003	ANCHOR SPIKE SLEEVE	1
4	0002-0004	DELTRIN BUSHING	1
5	94828A425	3/8"-16 FLEXLOCK STAINLESS NUT	1
6	90108A031	3/8" ZINC PLATED FLAT WASHER	1
7	92185A628	3/8"-16 THREADED STUD	1
8	92383A746	1/4" STAINLESS STEEL SPRING PIN	1
9	0015	DELTRIN BEARING	2
10	0007	SLED BELAY POINT	2



NOTES:

IF IN DOUBT ASK! 208-263-2484

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UNLESS OTHERWISE NOTED:
 DIM ARE INCHES
 TOLERANCES:
 X.X ±0.1
 X.XX ±0.01
 X.XXX ±0.005
 ANG ±0.5

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MATERIAL: _____ DRAWN: NBC DATE: 3/21/2013
 FINISH: _____ CHIC: _____ DATE: _____
 DO NOT SCALE DRAWING AFRVL: _____ DATE: _____

TITLE:
 SLIDE ARREST ANCHOR

SIZE **A** DWG. NO. 0002 REV _____
 SCALE: 1:8 WEIGHT: 1.26 SHEET 1 OF 7

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