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SSRA3 Anchor Plate Installation Instructions

The SSRA3 Anchor Plate is a universal fit spanner plate designed for use with the Standing Seam Roof Anchor system. It may be used on all 12" – 24" wide standing seam roof panels that are compatible with the SSRA-1 listed on our website under the "Compatibility" tab.

There are 4 holes drilled in the center of the plate to mount the included FallTech 7414 D-Ring horizontally or vertically. Any attachments or modifications to the SSR3 Anchor Plate are to be approved by an OSHA "Qualified Person" familiar with the equipment being attached to the SSRA3 Anchor Plate. Compatible devices may include HVAC equipment, walkways, handrail mounts, Solar equipment, satellite dishes, walk board bracket, etc.

Capacity

Compliant with OSHA 1910 and 1926 Subpart M. Materials: 6061-T6 Aluminum Anchor Body and Stainless Steel Set Screws. 5,000 lbs. minimum breaking strength. Fall protection weight capacity is **One Worker Per Plate** not exceeding 310 lbs. The SSRA-3 provides a secure mounting surface for the non-penetrating attachment of various equipment to compatible standing seam roofs. The device being mounted may not overhang the plate or interfere with the top bolts locking the plate onto the Standing Seam Roof Anchors. The SSRA3 Anchor Plate is designed and tested to be used with two (2) Standing Seam Roof Anchors (SSRA1) properly mounted in line on adjacent compatible seams. No other anchor or clamp is approved to be used with the SSRA3 Anchor Plate. Use of any other clamp/anchor other than the Standing Seam Roof Anchor (SSRA1) device is expressly prohibited and will immediately void warranty and/or could result in serious injury or death.

General Requirements

Any device mounted to the plate must be properly secured with Grade 8 bolts and Grade 8 washers. Washers should be used both on top and below the plate when mounting devices onto the plate. Bolts should not protrude further than 1" below the plate to avoid contacting the panel. If fall protection devices are mounted to the plate, an OSHA "Competent Person" or "Qualified Person" must determine that the entire assembly meets all OSHA safety requirements. **Be sure to follow all Federal, State, and Local safety regulations when using this equipment. All users must be properly trained to safely use this type of equipment prior to first use.**

Each SSRA3 Anchor Plate includes the following:



1. SSRA3 Anchor Plate - 6061 T-6 Aluminum, 3/8" thick X 12" wide X 27" long.
2. Included Hardware:
 - (4) Grade 8 3/8-16 X 1" Top bolts used to secure plate to SSRA anchors
 - (4) Grade 8 3/8" Washers for Top bolts used to secure plate to SSRA anchors
 - (2) Grade 8 3/8-16 X 1.25" bolts for securing D-Ring
 - (2) Grade 8 3/8-16 Locking Flange Nut for securing D-Ring
 - (4) Grade 8 3/8" Flat Washer for securing D-Ring
 - (1) FallTech 7414 D-Ring w/ Base Plate

Care and Maintenance

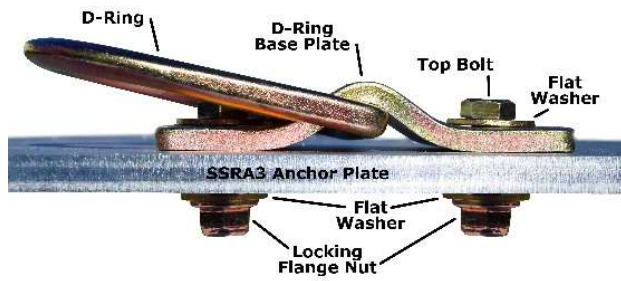
OSHA trained "Competent Person" should inspect all equipment prior to each use. Check for cracks, deterioration from rusting, deformation, environmental contamination, corrosion, grease, etc. Discard if necessary. Any equipment not properly inspected should not be used. Do not use this equipment on wet or icy roofs or as fall protection. Do not throw or drop from a building or into a truck. Do not use if exposed to extreme heat or cold. Do not use if wet or frozen. Do not use if parts are damaged or missing.

Installation

The **SSRA3 Anchor Plate** is designed to be attached to compatible standing seam panels using the **Standing Seam Roof Anchor (SSRA1)** system. Follow the instructions for the safe installation of the **Standing Seam Roof Anchor SSRA1** on the seam. Be sure the anchor set screws are torqued properly according to the type of set screws being used. Prior to proceeding with installation, remove all D-rings, top bolts, and washers from anchor bodies, if applicable. **Any attachments or modifications to the SSRA3 Anchor Plate are to be approved by an OSHA "Qualified Person" familiar with the equipment being attached to the SSRA3 Anchor Plate.** Mount desired device onto plate prior to installing SSRA-3 Anchor Plate onto anchors using only Grade 8 hardware. Check for proper torque on all fasteners according to manufacturer's specifications of mounted device. **Please note that the top bolts used to attach the D-rings to the SSRA-1 Anchor are only 7/8" long and should not be used for attaching the SSRA-3 Anchor Plate to the SSRA-1 anchors. ONLY use the provided 1" top bolts for mounting the SSRA-3 plate to the SSRA1 anchors to ensure full thread engagement. When mounting the D-Ring to the SSRA-3 Anchor Plate, only used the supplied 1 1/4" Top Bolts.**

	<ol style="list-style-type: none">1. Install two (2) Standing Seam Roof Anchor (SSRA1) bodies in line on adjacent seams according to the SSRA1 instructions. Anchors must be level to each other or the grooves in the plate will not line up properly. Torque to 100 in/lbs. for cupped tip set screws and 180 in/lbs. for nylon tip set screws.
	<ol style="list-style-type: none">2. Place SSRA3 Anchor Plate over the mounted SSRA1 anchors so the slide grooves on the SSRA3 line up with the threaded top bolt holes on the SSRA1. There should be equal overhang on both ends of the plate. Use only the (4) supplied Grade 8 3/8-16 X 1" bolts and flat washers to secure plate to the anchors. Do not use the 7/8" long top bolts that were originally provided to secure the D-rings to the anchors. Using a micro torque wrench, torque the 9/16" top bolts to 90 in/lbs. Now you are ready to attach the 7414 D-Ring or the FallTech 7395A/7395D. See instructions below for each.

FallTech 7414 D-Ring Attachment



D-Ring Attachment Profile

The SSRA3 is pre-drilled with 4 holes in the center of the plate to mount the FallTech 7414 D-Ring in either a horizontal or vertical orientation. **For horizontal lifeline attachment, mount the D-Ring horizontally, for single worker fall arrest or worker positioning, mount the D-Ring vertically.** Use the supplied hardware for mounting the D-Ring to the SSR3 Anchor Plate. Determine if mounting horizontally or vertically. Set steel D-Ring base plate through slot of D-Ring and align with the two appropriate holes in the SSRA3 Anchor plate. Use the supplied (2) Grade 8 3/8-16 X 1.25" bolts for securing D-Ring, (2) Grade 8 3/8-16 Locking Flange Nut for securing D-Ring, and (4) Grade 8 3/8" Flat Washer for securing D-Ring. Use a bolt and washer on top of the plate and a washer and Locking Flange Nut on the bottom. Torque to 90 in/lbs.