

# SUPER ANCHOR® RetroFit Anchor

## INSTRUCTION/SPECIFICATION MANUAL

### PACKAGE CONTENTS:

- 1 RetroFit Anchor w/waterproof membrane strip
- 8 Stainless Spiral Nails
- This Instruction Manual

### SPECIFICATION OF USE:

Designed primarily for use with asphalt or wood shingle/shake roofing with standard or vented type ridge systems.

### ANCHOR USE SPECIFICATION:

May be used for Fall Arrest or Work Positioning. Rated for a 5,000 lb. load when 8 factory supplied fasteners are used in accordance with these instructions.

### MATERIAL SPECIFICATION:

20 Ga. #304 Stainless Steel. 14" length x 1-3/4" width. Fitted with 2 Ea. 5,000 lb. rated die chromate coated D-Rings. Waterproof membrane 2" x 10" x (thickness) butyl strip.

### FRAMING REQUIREMENTS:

The anchor must be installed into a minimum 2x4 top chord rafter or truss with a minimum sheathing thickness of 7/16" OSB or plywood. The supporting structure must be capable of withstanding twice the intended fall impact load.\* The top chord must be solid with no defects such as rotting or cracking; and a minimum of #2 Douglas Fir or equal.

### INSTALLATION PROCEDURE:

The center of the anchor must be centered over the top chord as shown in **Fig.1a & 1b**. The anchor center is designated by the first and last nail hole on each side as shown in **Fig. 1**. Each anchor side has four nail positions, all of which must be secured with the factory supplied fasteners. Fasteners must penetrate a minimum of 1-3/4" (inches) into the top chord or rafter. The total fastener length will allow approximately 1-1/4" of additional thickness of sheathing and roofing membrane.

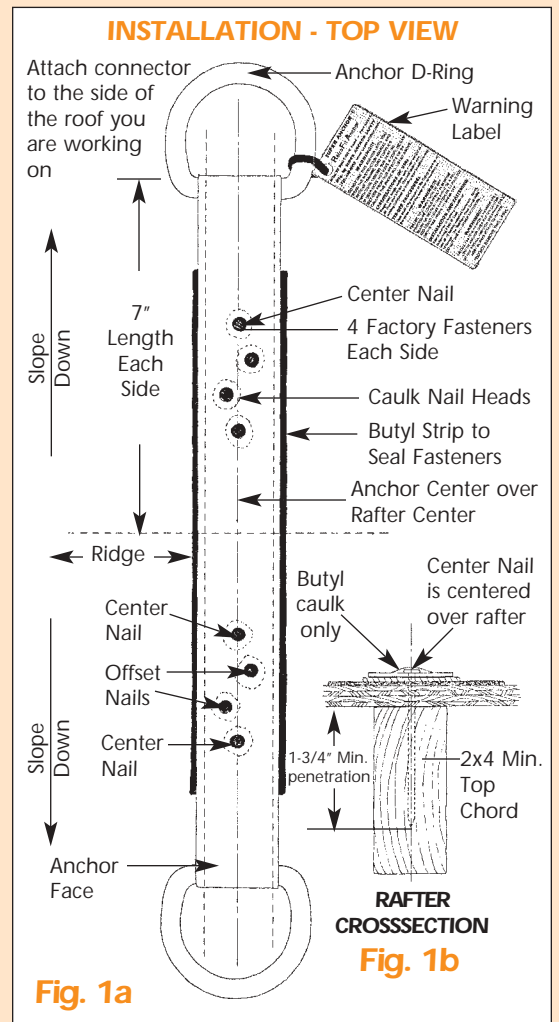


Fig. 1a

Fig. 1b



**THE IMPROPER USE OF ANCHORAGE DEVICES AND A FAILURE TO USE OTHER SAFETY EQUIPMENT COMPONENTS THAT ARE COMPATIBLE, MAY CREATE UNFORESEEN HAZARDS THAT COULD RESULT IN SERIOUS INJURY OR DEATH TO THE USER, IN THE EVENT OF A FALL.**

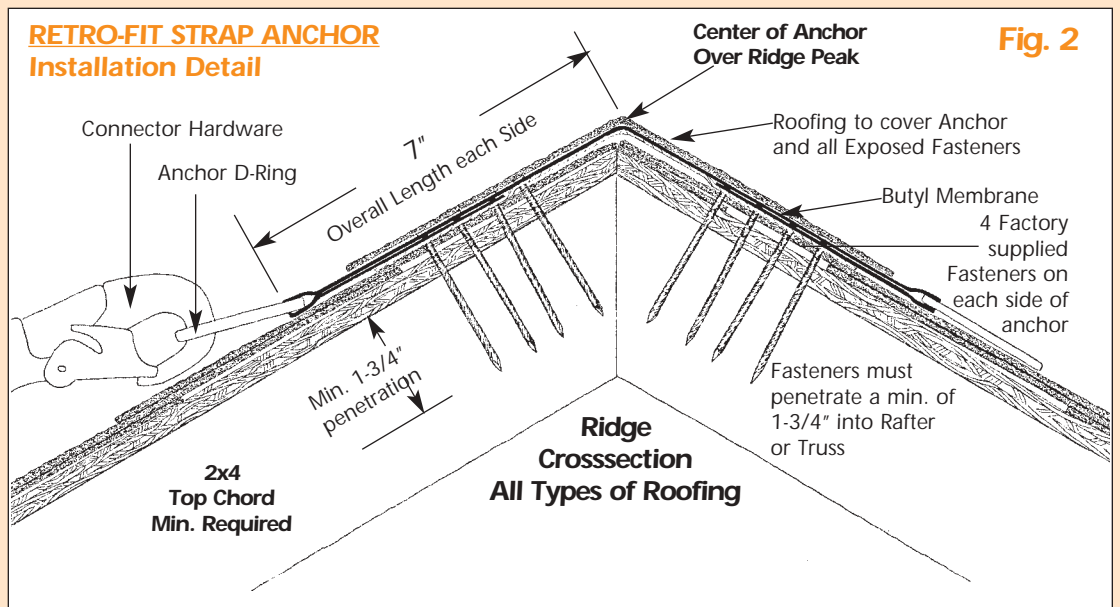
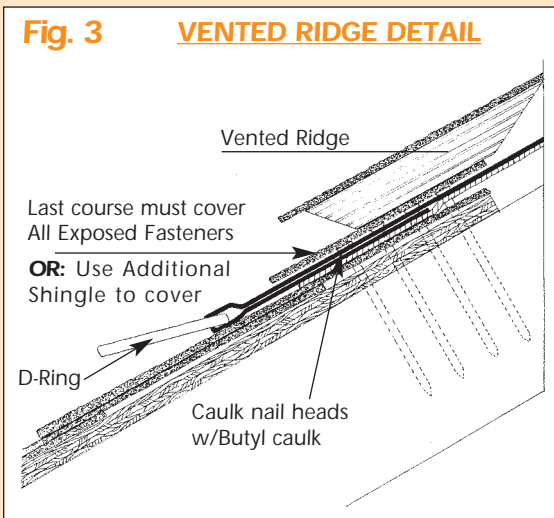


Fig. 2

Mfg. by SUPER ANCHOR SAFETY 8522 - 216th Street SE Woodinville, WA 98072-8009  
 Phone: (425) 488-8868 Fax: (360) 668-1717 Website: [www.superanchor.com](http://www.superanchor.com)

### TOP CHORD CENTER:

In order to find the rafter or truss center, removal of the ridge and all layers of roofing membranes will be required. The exact center of the top chord should be verified. This can be accomplished by drilling inspection holes or cutting away portions of the sheathing at the ridge.



### FASTENERS:

Each anchor is required to have 8 factory supplied fasteners used to secure the anchor to the top chord or rafter through the roofing membranes and roof sheathing. See **Fig. 3**.

Fasteners are 10 Ga. spiral shank stainless steel. DO NOT substitute with any other fastener except those approved by SUPER ANCHOR SAFETY. Additional fastener packages may be requested by using **Part #2013A**, a replacement fastener package. Also approved for attachment is **Part #2009** - 10 Ea. 2-7/8" length red hex head screws.

Align anchor center over top chord center by using the "center nail holes" designated in **Fig. 1a**. Make sure fasteners are driven to the full depth with nail heads flush over the anchor face, and that no fasteners protrude the top chord sides. If a fastener is bent over, extract it and install a new one. The anchor is 14" in

length. Position the center 7" over the ridge center as shown in **Fig. 2**.

### CONNECTING HARDWARE:

Use only double locking snaphooks, thread locking or auto-locking carabiners to attach a lifeline or lanyard to one of the D-Rings located at either end of the anchor. Attach only to D-ring that is located on the side of the roof you are working on. Two persons are not allowed to connect to one anchor point at the same time.

### WARNING LABEL:

Make sure the warning label is attached to the anchor as shown in **Fig. 1a**, and exposed to the weather. DO NOT REMOVE.

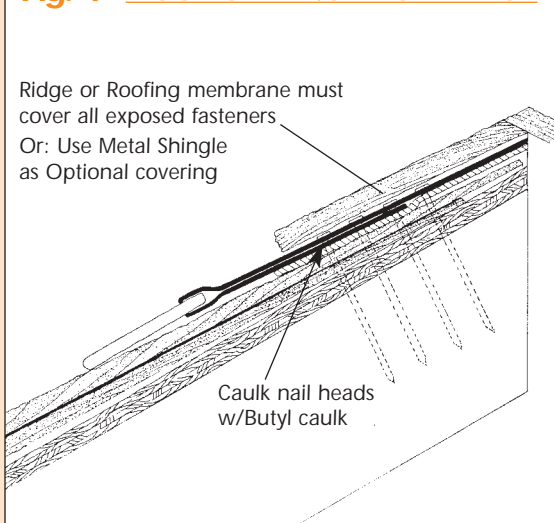
### WATERPROOFING:

The anchor has a 2" wide strip of butyl membrane attached to the underside. This membrane will contact the top side of the roofing membrane and will provide a seal around the nail shanks. The nail heads should be caulked with butyl caulk only and the final layer of roofing membrane or ridge cap should cover all nail heads.

### IF A FALL OCCURS:

In the event a fall occurs, or the anchor is subjected to an impact load of any type, it must be removed from service and replaced.

### Fig. 4 WOOD SHAKE/SHINGLE RIDGE



### VISIBLE INSPECTION BEFORE USE:

Before connecting to the anchor, inspect for any visible defect that might render the anchor unsafe for use. If the D-ring is bent, oblong, (does not conform to the dimensions shown in **Fig. 1**), or the anchor strap is twisted or bent, DO NOT USE the anchor. It must be replaced.

### \*FOOTNOTE:

**Fall impact loads are designed based on user weight, the length of a free fall, and the shock absorbing capability of the personal fall protection equipment used.**

Request additional information, service, or parts by contacting a factory authorized dealer or the manufacturer. See phone, and fax listed below. Our website lists dealers and additional equipment available. Request Spanish translation.

**WARNING:** THE RETROFIT ANCHOR IS DESIGNED TO BE USED OVER FRAMING STRUCTURES THAT HAVE SHEATHING IN PLACE AND WHERE THERE IS NO DANGER OF FALLING THROUGH THE FRAMING TO A LOWER LEVEL. WHEN THIS TYPE OF WORK IS BEING DONE, IT IS RECOMMENDED THAT YOU USE THE ARS 2X8 ANCHOR WHICH BOLTS UNDER THE RAFTER.

Mfg. by SUPER ANCHOR SAFETY 8522 - 216th Street SE Woodinville, WA 98072-8009  
Phone: (425) 488-8868 Fax: (360) 668-1717 Website: [www.superanchor.com](http://www.superanchor.com)