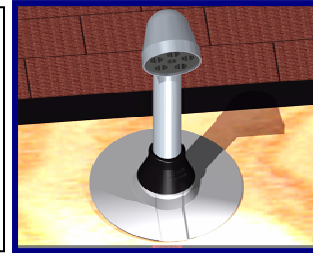


All Style Industries, LLC
P.O. Box 3184
Thousand Oaks, CA 91359
805-557-1225 or fax 805-557-1255
"mailto:allstyle@spinflashing.com"
www.spinflashing.com, allstyle@spinflashing.com
U.S. Patents 659156181, 664050381 and Patent Pending

Installation Instructions

All Style Retro-Spin Flashing Kit

Please review the following installation instructions to be assured of receiving the quality you expect when installing an **All Style Retro-Spin Flashing Kit**



One Retro-Spin Flashing Kit Includes:

1. One (1) All Style Industries Retro-Split® EPDM Storm Collar assembly which includes one wrap-around skirt, one top plug, and a stainless steel marine grade band clamp.
2. One (1) Retro-Spin® Flashing assembly including interior and exterior pieces.

Tools & Other Building Materials Required for Kit Installation:

1. One 3/8" Nut Driver or Screw Driver
2. One Hammer
3. (4) Four galvanized roofing nails with 3/8" diameter flat heads.
4. Paintable Caulking for roof slopes under 3 inches and 12 inches.
5. Spray Paint (optional)

Application of Retro-Spin Flashing Kit:

A Retro-Spin Flashing Kit enables you to install a new jack flashing around fixed roof penetrations. These fixed penetrations may not allow for a slide-on-from-the-top flashing installation. Both the Retro-Spin Flashing and Retro-Split Collar allow a flashing installation from the side.

Begin by applying the roofing material up to or just beyond the roof penetration. Notch or cut a hole in the roofing material to allow the installation to the centerline of the roof penetration. Do not install the roofing material further than the penetration being flashed. Use the manufacturer's recommendations for installing the roofing material.

Rotate the Retro-Spin Flashing so that the openings in the two pieces open to the center.

Place the Retro-Spin Flashing around the penetration from the low side of the roof. Rotate the top piece of the Spin-Flashing 180 degrees, so that its opening faces down the roof slope. Center the roof penetration in the Spin Flashing cone. The rotation closes the "door" so that the Spin-Flashing surrounds the penetration. With the two flashing overlapping the slot in the top piece must face **down slope**. The slot in the bottom piece must face up slope.

If the roof slope is greater to or equal to 3 inches and 12 inches (**Steep Slopes**), no sealant or caulking is required at the closed door. On roof slopes below 3 inches and 12 inches (**Shallow Slopes**), inject a small amount of paintable caulking between top and bottom flashings before nailing home the assembly. On dead flat applications, solder shut the closed door to create a watertight condition.

Installation Instructions
Spin Flashing Kit
2 of 2

Next, use the manufacturer's recommended procedure for installing a roof jack flashing into the roofing product being installed, and securely nail the Retro-Spin Flashing into place using flat head roofing nails. Use nails long enough to penetrate through the Retro-Spin Flashing and into the roof deck a minimum of $\frac{3}{4}$ inch. Pre-punched nail holes are provided to keep from placing the fasteners too close to the penetration.

Continue with the installation of the roof system. Apply paint to the Retro-Spin Flashing to match roof color and to protect the metal.

All Retro-Spin Flashings are manufactured with a 3 inch diameter opening, not all roof penetrations will fit snugly, and therefore it is necessary to counter flash the penetration using a waterproof EPDM Retro-Split Storm Collar.

A Retro-Split Storm Collar includes a top plug that is molded with the correct geometric shape, and is sized to exactly match the roof penetration. It is absolutely necessary to order the correct size Retro-Split collar plug in order to maintain a waterproof assembly.

In order to install the Retro-Split Collar, simply place the EPDM wrap-around skirt around the roof penetration with the five tabs facing up, and then push the locking ends together. Next, open the cut plug and form it around the roof penetration making sure that the tab slots are facing downward. Loosely close the plug and insert the skirt tabs up into the tab slots. Wetting the tabs with a little water can make the assembly easier.

Finally, fully open the stainless steel hose clamp using a screw or nut driver. The Retro-Split Plug has pre-molded channels that will accept the width of the hose clamp. Position the clamp, and using the worm drive action of the clamp, place it onto the now assembled Retro-Split skirt and plug assembly. Loosely tighten the clamp.

Before fully tightening the clamp slide the Retro-Split Collar down over the already installed Retro-Spin Flashing. Do not force the Collar too tightly onto the flashing. This can cause the skirt to spread open because of the wedge-shape of the flashing cone.

After the Collar has been positioned correctly over the flashing, tighten the clamp using a screw or nut driver. This compresses the tabs of the skirt against the penetration. Be careful not to over tighten, as this can distort the assembly.

Due to shrinkage of the EPDM rubber, and differences in temperature at each job site, the plug cut may not completely close, and a small gap may be observed. Use finger pressures to push the plug cut closed, and mate the cut together and simultaneously tighten the clamp.