

# Lomanco LPR Ridge Vent Hurricane Kit Installation Instructions

**C**ongratulations on your purchase of the Lomanco LPR Lo-Profile Ridge Vent.

The LPR is an exhaust vent and will help rid your attic of damaging heat and moisture when properly installed in conjunction with intake vents. The LPR will adjust from a 3/12 to a 12/12 pitch roof.

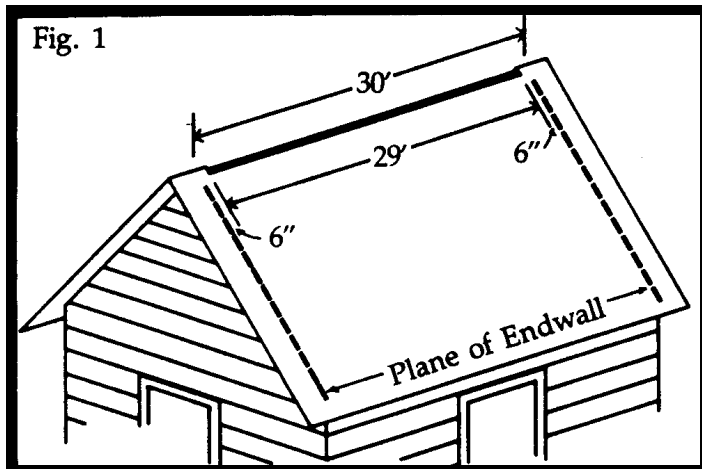
**IMPORTANT!** Read this **ENTIRE** set of instructions carefully before attempting to install Lomanco LPR Ridge Vent.

## STEP 1 Find the correct length of ridge vent you will need

The LPR Vent comes in 8 and 10 foot lengths.

Measure along the ridge of your roof to determine the correct length of the installed vent. This installed length should not extend past the end walls of your home. Use 8' and 10' LPR sections to bring the ends of the vent as close as possible to the plane of the end-wall. (See Fig. 1).

When you have determined the overall length of vent to be installed, center the measurement between the ends of the roof and mark these two points.



Location of vent and hole

## STEP 2 Find the length of the hole to be cut in the ridge

The hole in your ridge should be cut 6 inches inside the marks you made in Step 1. For instance, if you have determined your overall length of LPR Vent to be installed is 30', the hole should be no longer than

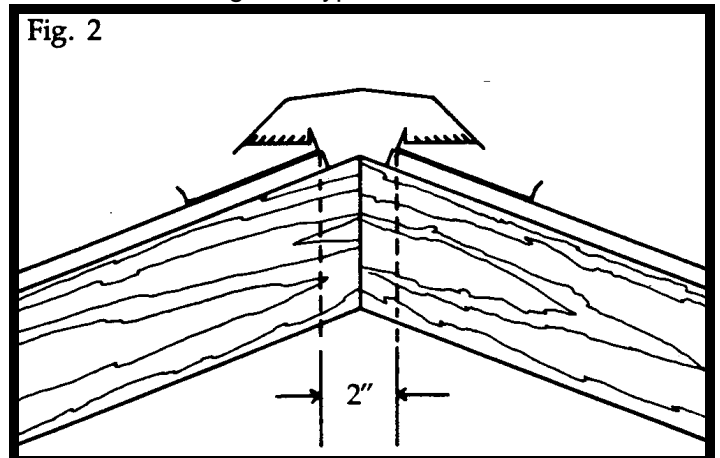
29' and should be centered inside your 30' measurement. (See Fig. 1).

## STEP 3 Making the cut

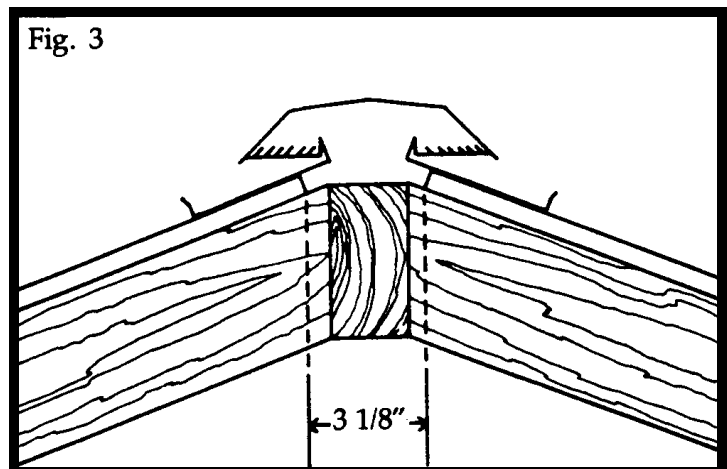
BEFORE YOU ATTEMPT TO CUT THE HOLE, it will be necessary to determine whether your ridge is built with "Truss Construction" or "Ridge Pole Construction." If you don't know, it will be necessary to look into the attic at the ridge to make this determination. If the rafters butt together, it is "Truss Construction", if the rafters "sandwich" a ridge pole, it is "Ridge Pole Construction".

If the ridge is of "Truss Construction," the cut should be 2 inches wide. If the ridge is of "Ridge Pole Construction," the cut should be 3 1/8 inches wide. (See Figs. 2 & 3)

After determining the type of construction, mark the



Truss Construction



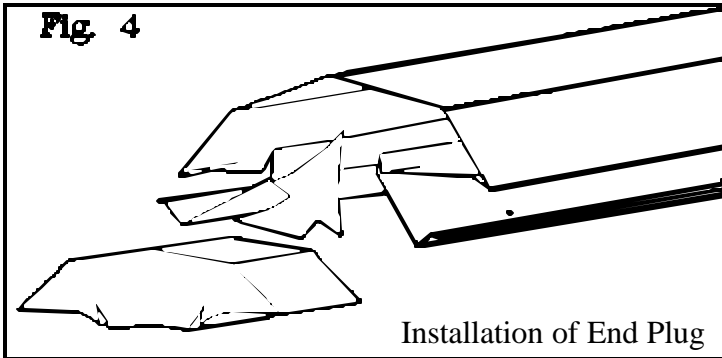
Ridge Pole Construction

appropriate cut line. Be sure to begin and end the cut 6 inches inside the overall length of the vent as

measured in Step 1 and Step 2.

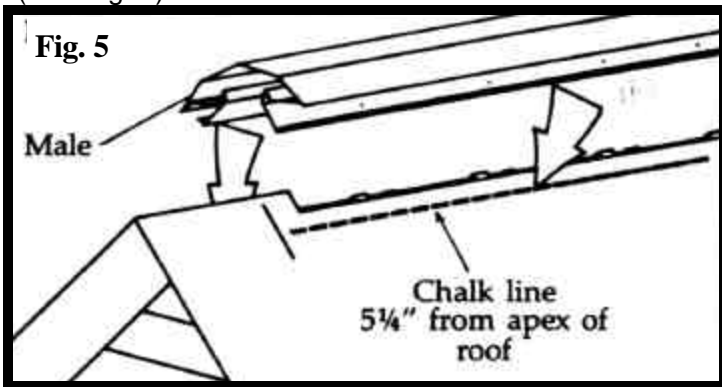
The hole is best cut with a circular saw and care should be taken to set the depth of the blade to AVOID cutting the rafters or ridgepole.

NOTICE: The LPR Ridge Vent is notched (on male end) and blank (on female end) for a male-female assembly, end plugs are made to fit either end. Install end plugs on each end and at each male-female connection (as shown in Fig. 4) before the vent is nailed down. Push the louvers upward to form a tight fit.



#### STEP 4 Alignment

It is important to align the LPR Ridge Vent correctly. Regardless of the pitch of your roof, the outer edge of the LPR Ridge Vent should be approximately 5-1/4 inches from the apex of the roof. (See Fig. 5).



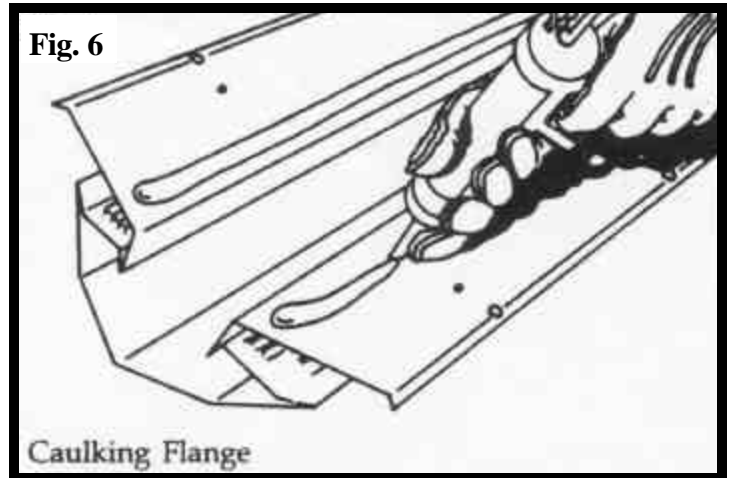
Once you determine your alignment, mark your alignment line with a chalk line and you're ready for installation.



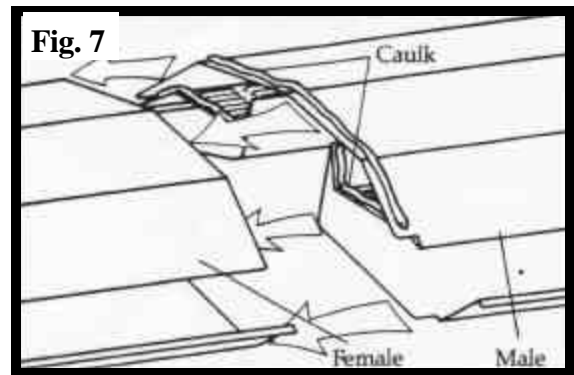
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#### STEP 5 Final Installation

Apply caulk on the bottom flange of the vent sections close to where the roof hole will be after the vent is installed. (See Fig. 6).



Align end of first section (with end plug installed) on the end marks and the bottom of the nailing flange on the chalk line. Then nail the section down using broad headed roofing nails, making sure to keep the bottom of the section aligned with the chalk line. As you proceed down the roof, caulk the male connection as shown in Fig. 7, insert end plug and connect the male-female ends. Install the last end plug on the last vent section before nailing it down.



Install Hurricane Straps over each end of ridge vent, all male-female connections and at 3" intervals over the remainder of the vent. Nail down Hurricane Straps using broad headed roofing nails. (See Fig. 8).

