



FLASHING PLATE INSTALLATION INSTRUCTIONS

TOOLS NEEDED

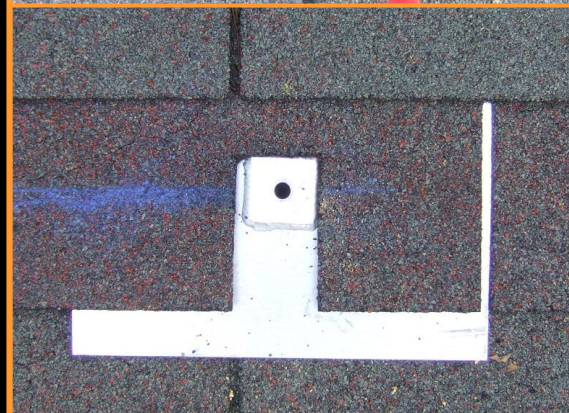
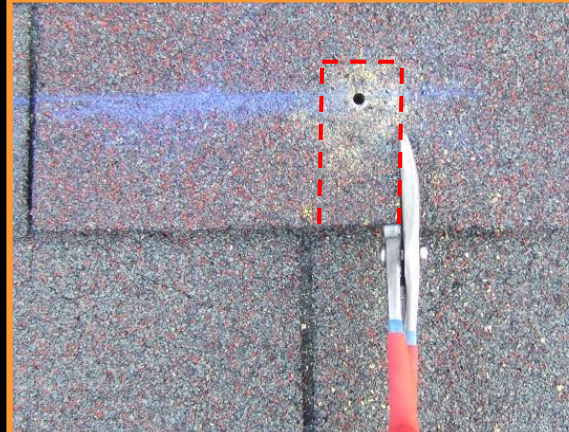
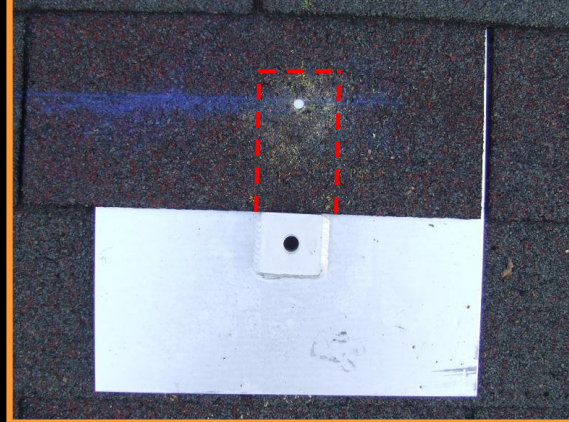
- MEASURING TAPE
- FLAT PRY BAR
- CHALK LINE
- SHEARS
- POWER DRILL & BIT
- SEALANT CAULK
- SOCKET WRENCH

STEP 1

- LOCATE RAFTERS.
- CHALK LINE OR MARK VERTICAL LINES TO DISPLAY RAFTERS.
- CHALK LINE HORIZONTAL LINES TO DISPLAY RAIL LOCATION.

STEP 2

- SETUP POWER DRILL (OPTIONAL TO USE DRILL PRESS ATTACHMENT) WITH DRILL BIT.
- DRILL PILOT HOLES THROUGH ROOF SHINGLE, PLYWOOD, AND INTO RAFTER.
- CONTACT YOUR ARCHITECT, ENGINEER, OR INSTALLER TO DETERMINE THE LENGTH OF LAG BOLT NEEDED.
- (LAG BOLT FASTENERS ARE NOT INCLUDED IN OUR PITCH ROOF SETS.)



STEP 3

- LIFT UP IMMEDIATE SHINGLE ABOVE DRILLED PILOT HOLE.
- LOCATE EXPOSED ROOFING NAIL(S).
- USE FLAT PRY BAR TO REMOVE ROOFING NAIL(S).

STEP 4

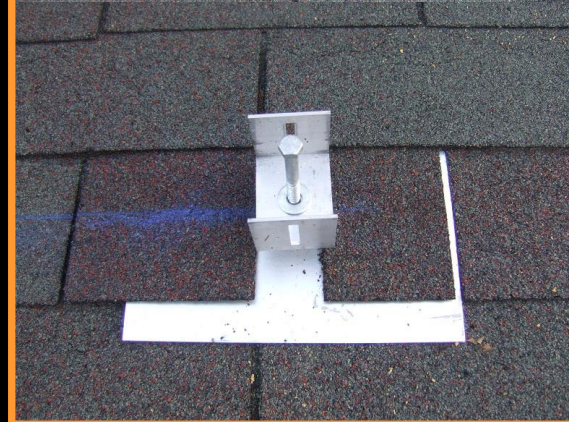
- SLIDE TOUGH TRAC FLASHING PLATE UNDERNEATH DRILLED SHINGLE.
- MARK AREA WHERE SHINGLE NEEDS TO BE TRIMMED TO EXPOSE LIFT BLOCK.

STEP 5

- USING SHEARS CUT AWAY MARKED AREA ON SHINGLE.
- MAKE SURE REMOVED AREA IS WIDE ENOUGH TO SLIDE LIFT BLOCK IN THE SLOT.

STEP 6

- SLIDE FLASHING PLATE IN REMOVED SHINGLE SLOT.
- THE WELDED LIFT BLOCK INSURES A WATERTIGHT INSTALLATION.



STEP 7

- SQUEEZE ROOFING SEALANT (SILICON OR ROOFING CEMENT CAULK) INTO HOLE.
- THIS WILL PROVIDE AN ADDITIONAL WATER-PROOFING MEASURE TO YOUR INSTALL.

STEP 8

- PLACE HEIGHT ADJUSTER ON TOP OF LIFT BLOCK.
- SLIDE LAG BOLT & WASHER THROUGH HEIGHT ADJUSTER AND LIFT BLOCK.

STEP 9

- TIGHTEN LAG BOLT 90%.
- THE HEIGHT ADJUSTER HAS A 1" BOTTOM SLOT TO CORRECT UNALIGNED DRILLED HOLES.

STEP 10

- AFTER CHECKING AND ADJUSTING ALL HEIGHT ADJUSTERS TO CONFIRM THE ROW OF RAIL IS STRAIGHT, RE-TIGHTEN ALL LAG BOLTS TO 100%.