

ROOFING WITH A PURPOSE

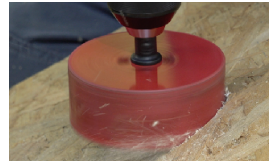
REESE METHOD SOIL STACK HOLE



[Reese.link/soil-stack-hole](https://reese.link/soil-stack-hole)



SOIL STACK
CUT THE PERFECT
HOLE SIZE (3")



HOLE SAW (3 1/2")
AT 90 DEGREE ANGLE
DRILL UNTIL BOTTOM
OF SAW HITS USB



TURN SAW
TURN THE HOLE SAW
PARALLEL TO USB
DRILL THRU

Also see - Flashing
a soil stack boot
correctly



ONE ANGLE RIGHT
ONLY THE TOP HAS
THE RIGHT ANGLE
FOR INSTALLATION



USE TOP ANGLE
LINE SAW TO TOP
ANGLE AND DRILL
OUT BOTTOM ANGLE



BOTH ANGLES
PIPE WILL NOW
INSTALL VERTICALLY



[Reese.link/flashing](https://reese.link/flashing)



Flash it with a purpose

This will make a hole that bugs and water (once flashed correctly) will not be able to penetrate. Flash the pipe with Reese Flashing Tape and a soil stack boot.

All water wants to
do is return to the
ocean!

Why?

It's important to make the hole for a penetration as tight as possible not only for water infiltration, but also for keeping pests out of your attic.

Image 1: A gap big enough for bugs and small rodents

Image 2: Looking up from attic, ice and water running down pipe into attic. A perfect squirrel den.

Image 3: A pipe boot, lifted up to reveal a hole big enough for a raccoon. They tried to caulk it shut, that failed.



Place the drill bit of the hole saw in the center of the area of the penetration. Drill bit should go past the hole saw to penetrate deck. (do your best to keep the hole saw plumb)

Begin drilling, bottom out the hole saw keeping the bit plumb. (you will not be able to complete the cut if the roof pitch is too steep)

If you have bottomed out and cannot complete the cut you have made the first angle needed to keep the penetration plumb.



Pull the saw out of the cut keeping the drill bit in the hole it created, align your saw to be parallel with the roof slope, begin cutting and cut out a hole. Remove the plug lodged in the hole saw. As shown in image the top angle is correct. The step below will correct the bottom angle so the pipe will fit vertically.



Align the outside wall of the hole saw with the first plumb cut you made, begin drilling doing your best to keep the saw plumb.



Also see - [Flashing a soil stack boot correctly](#)
