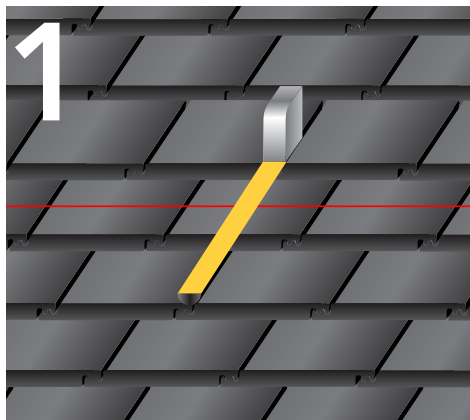
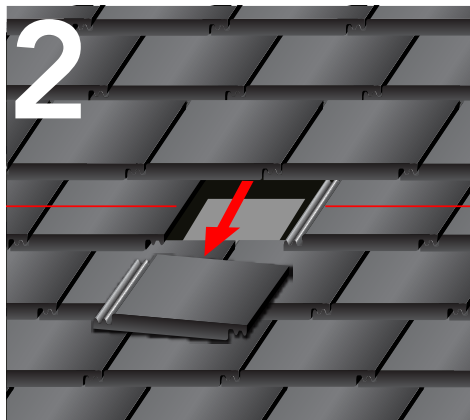


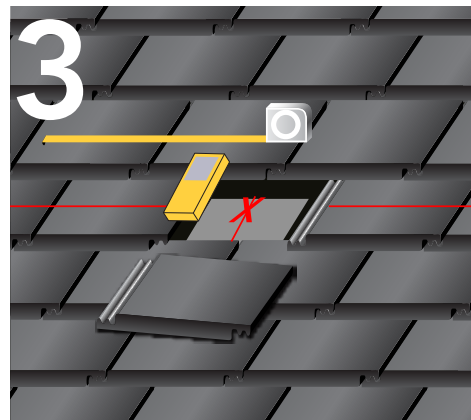
[3.2.6] Roof Bar Installation



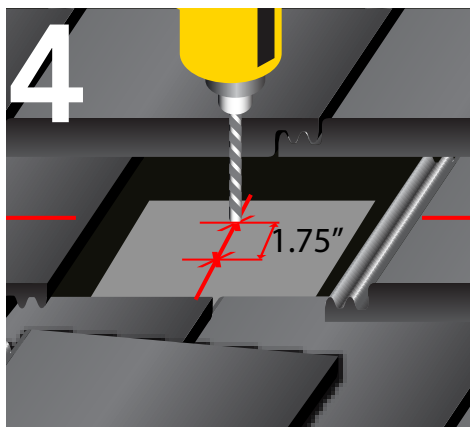
STEP 1: Snap horizontal line with chalk line.



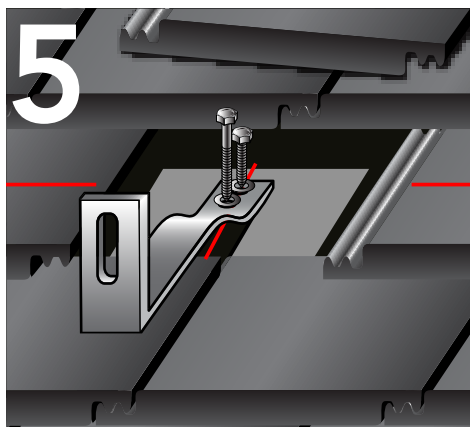
STEP 2: Remove tile.



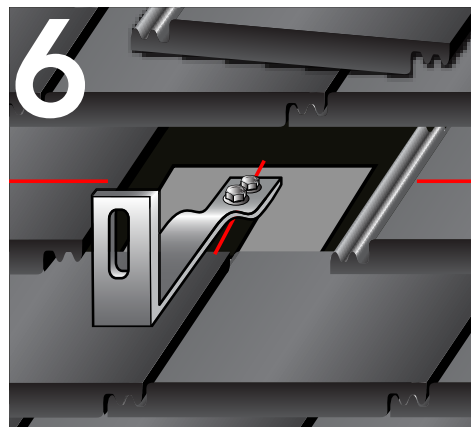
STEP 3: Use studfinder and measuring tape to find rafters.



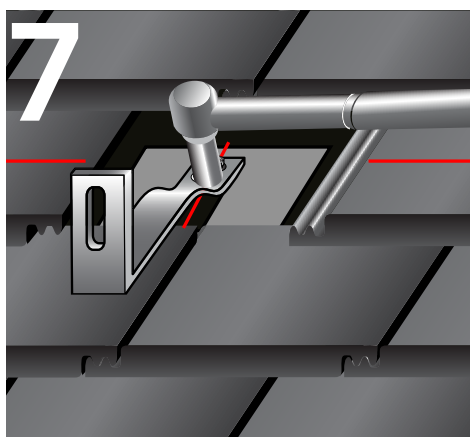
STEP 4: Drill two pilot holes (1/4" diameter) for the lag bolts 1.75" apart. Backfill with sealant.



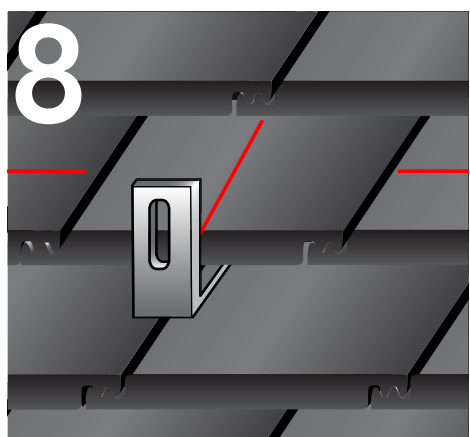
STEP 5: Line up pilot holes with roof bar holes.



STEP 6: Insert lag bolts through 5/16" SS flat washers and into rafter.



STEP 7: Tighten lag bolts using a 5/16" socket wrench to between 100-140 inch pounds depending on the type of wood and time of year.



STEP 8: Reinstall tile. Underside of roof tile may have to be notched in order to seat flush onto roof bar.