

Moisture cannot be present in or around product during install for anchor adhesive to be effective.

While pavement is being measured for layout, have another crewmember assemble lagbolt with a washer and set aside for when required. Same person could prepare box of anchors for when they are needed.

Imperative that modules line up properly prior to any drilling. The tongue and groove greatly assist in module alignment and it may take a few moments to attain proper alignment. Once the learning curve is achieved, alignment becomes more rapid as does overall finished part installation.

Important that first row of modules is secured with bolts and anchors before proceeding to next row.

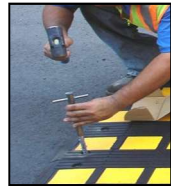


Step 5. Premark the drill bit to 8" deep either with tape or paint. Standing on first corner module and using a 9/16" drill (12" or 18" or longer) bit, drill through the existing module holes of the first row using the hammer drill, drill 9/16" diameter holes into the asphalt. The holes should be **8" to 9"** deep in order to accommodate the standard 7" anchors. **(if using 4" hardware, drill hole depth to 5" to 6").** 4" hardware best used for concrete or "snow belt" areas.

Standing on the module being drilled greatly reduces module movement while drilling as well as when removing drill bit. Once all 6 holes are drilled, move on and repeat.



Step 6. IMPORTANT. Using an high performance air compressor, make sure all the holes are clear of all dust and debris before installing anchors. **Remeasure.** Bolt can be used for proper depth measure.



Step 7. Once above is done, and wearing protective glasses, insert 2-3 squirts of adhesive into hole. Then using the T-Bar Anchor Tool and hand held sledge hammer, insert plastic anchors into the hole until flush. Then quickly insert bolt/washer assembly and install using the high speed drill with 11/16" socket. Ensure that the bolts are snug. **Do not over tighten. Bolt head should always sit below the rubber surface.** If high speed

socket keeps spinning, take hammer and hit bolt head until below rubber surface. Will not damage bolt nor anchor.

*** There may be times when the anchor and/or bolt will not go deep enough into the drilled hole. Should this occur, remove the combo and reclean for debris. Remeasure for depth using the bolt. If needed, redrill as either the hole was not deep enough or the adhesive has hardened. Do not over drill depth as this would require additional adhesive mixture. Reaming the drilled hole is not advisable, but may be needed to assist in easing any resistance with anchor insertion.

Step 8. Once the first row has been bolted to the ground you can begin assembling the next row of modules. Using a 10 lb. sledge hammer, knock the row snug to the first row. Continue to assemble and connect the additional rows while at the same time drilling out the holes for the rows that have been completed. Continue installing the rows until half the width of the street is completed. Then proceed to the other half. This sequence allows traffic to flow through half the street at any given time. If installing speed cushion, complete entire product before moving on to next.

*** **Adhesive.** There are 6 holes per module. Adhesive only required in all holes of finished product perimeter modules. As an example, any product that is 7' long, no matter what the width, all 6 holes in every module would require adhesive. Speed cushions, humps and tables of 10.5 ft.; 14 ft; 17.5 ft.; 21 ft.; 24 ft. or longer, no matter the width, only the perimeter module holes would need adhesive. The interior modules would not. They are being held in place not only by our patented tongue and groove system, but also by the outer, perimeter modules of which include adhesive.

Each speed cushion, hump and table includes the appropriate amount of anchor adhesive in addition to lagbolts, washers and anchor installation hardware.