RECYCLED PLASTIC SPEED BUMP INSTALLATION INSTRUCTIONS

Steel Spike Method: *Recommended for Asphalt or Gravel surfaces only.*

Tools needed:

- High speed hammer drill with a 7/16" masonry bit.
- Small sledge hammer for driving spikes.

1. Position the speed bump in the desired location and position. Using its pre-drilled holes as a guide, mark the pavement at each hole on the speed bump.
2. Remove the speed bump. Using a high-speed hammer drill and a 7/16" masonry bit, drill a hole through the asphalt at each marked location to avoid fracturing the asphalt with the spike.
3. Make sure the pavement is thoroughly clean and dry. Align the holes in the speed bump with the holes you drilled in the pavement and lower the speed bump into position. Press down with firm hand pressure. Drive the spike through the speed bump and into the drilled hole until the spike is snug against the counter bored surface of the speed bump's pre-drilled hole. DO NOT DRIVE BEYOND “SNUG”. If driven too far the spike may damage the speed bump and will void the warranty.

Lag Bolt Method: *Recommended for Asphalt or Concrete only.*

Tools needed:

- High speed hammer drill with a 3/4" masonry drill bit.
- Impact wrench or heavy ratchet with 3/4" socket.

1. Position the speed bump in the desired location and position. Using its pre-drilled holes as a guide, mark the pavement at each hole on the speed bump.
2. Remove the speed bump. Using a high-speed hammer drill with a 3/4" masonry bit, drill a hole at each marked location to a depth of 3 ½” below the road surface.
3. Insert lag anchor into each hole in the pavement (large anchor opening on top). Tap the anchor into the hole with a hammer so that the anchors are set flush with the surface. Place a washer over each anchor hole.
4. Make sure the pavement is thoroughly clean and dry. Align the holes in the speed bump with the holes you drilled in the pavement and lower the speed bump into position. Press down with firm hand pressure. Slip a washer onto a lag bolt, insert the bolt through a pre-drilled hole in the speed bump and tighten the bolt about three quarters of the way with the 3/4" socket. Repeat for each hole in the speed bump. Finish tightening each bolt until just snug. DO NOT OVER TIGHTEN! Excessive tightening may damage the bump and will void the product warranty.

Concrete Bolt Method: *Recommended for Concrete only.*

Tools needed:

- High speed hammer with a 7/16" masonry drill bit.
- Impact wrench or heavy ratchet with 3/4" socket.

1. Position the Solid Composite Speed Bump where you want to install it. Using the holes molded in the speed bump as templates, mark the location of each outer hole on the concrete surface.
2. Remove the Solid Composite Speed Bump. Using a drill with 7/16" masonry bit, drill a hole approximately 1.75” deep in the concrete at each marked location.
3. Reposition the Solid Composite Speed Bump so that the molded in holes line up vertically with the pilot holes you drilled. Insert the concrete bolts through the outer two holes in the speed bump and tighten the bolts with a 3/4" socket. Finish tightening each bolt until just snug. DO NOT OVER TIGHTEN! Excessive tightening may damage the speed bump and will void the warranty.