



INSTALLATION PROCEDURES
PARK-N-GUARD™ TD11500 SERIES

Please note the following prior to installation:

1. Speed bumps may be mounted to the ground using lag screws & lag anchors, or with epoxy, bitumen or butyl pads. When using any adhesive, make sure all dirt, dust (even fine dust), rocks, and/or gravel have been cleared from the surface. For best results after sweeping, use compressed air to blow any fine particles from the surface. The bottom of the speed bump should also be clean of any dust prior to installation.
2. When dealing with any sort of epoxy or bitumen, use gloves at all times during mixing and installation. When using epoxy, Types A and B are to be mixed 50/50 prior to installation. Products manufactured by Three D Traffic Works, Inc. do not require flame treating.
3. Units are to be spaced evenly according to specifications required by the instructions or manuals for each individual user, contractor, city, state or federal agency.

Installation of Product:

1. Using epoxy, bitumen or butyl pads: Apply pre-mixed epoxy or bitumen to rumble strip or speed bump. Be sure to fill inside cavity of base with epoxy or bitumen to remove any air pockets. Mount unit to ground. Excess adhesive should ooze out and form a seal around the entire edge of the product. If using butyl pads, remove tape from one side, place on the ground and step on paper side to adhere to surface. Remove other tape once pad has been adhered to ground and mount unit on the pad.
2. On uneven surfaces, be sure to add additional adhesive to remove any air pockets caused by the irregular surface. Excess adhesive should ooze out and form a seal around the entire edge of the product.
3. Our recommended anchor for each unit consists of 2 each of the following:
 - 3" plastic or steel Lag Anchor
 - $\frac{3}{8}$ " x 3- $\frac{1}{2}$ " Lag Screw
 - Metal Washer
4. Using the speed bump as a template, mark the two (2) holes to establish the pattern for drilling. Drill two (2) holes 3" deep using a $\frac{3}{8}$ " bit. Clean holes.
5. Using a small hammer, gently tap the anchors into the holes. Place speed bump over the embedded anchors and check for proper alignment.
6. Put washer onto the lag screw. Start lag screw through base hole into the anchor. Use $\frac{3}{4}$ " wrench to tighten lag screw into speed bump.