



DISCLAIMER NOTE FOR

HUMPS, SPEEDBUMPS, FLEX POSTS, WHEEL STOPS, SPEED CUSHIONS

FOR REFERENCE PURPOSES ONLY

Traffic Safety Zone does not assume any responsibility or liability for the installation process. We are offering a basic guideline for procedures to be used as reference only and intended for ease of communication with building owner or manager of the installation site or, if installing in concrete with a sealed surface or membrane, to consult with the manufacturer prior to installing to avoid any possible damage to the surface.

When installing our Humps, Speed Bumps, Wheel Stops, Flex Posts and Speed Cushions or any other bolted down parking lot product, it is recommended to consult with site owner or engineer to ensure procedures and correct placement is followed. For install into a concrete parking structure that has a sealed membrane, purchasers/installers MUST consult with site owner/engineer or the membrane manufacturer for proper installation procedures to ensure there is no damage to membrane and/or a future moisture issue.

SPEED BUMPS, SPEED HUMPS, END CAPS – We recommend the use of anchors so that bumps can be removed prior to snowplows in use. Ensure that anchors are at ground level only and not protruding after removal of bumps. Sweepers must raise brushes before driving over to avoid damage to the bumps. These products are not designed for speeds over 20mph

Asphalt or Concrete – Use 4” Anchors with shield, lag and washer

- Position speed humps, bumps and end caps (leaving about 1”-3” between speed bumps for drainage and expansion) and drill through the holes in the rubber down enough to start the hole and mark location (about 1 inch into the surface). Can be cut with a utility knife if necessary.
- Remove product and continue drilling the hole approx. 5” deeper to allow anchor to be flush with the surface. Clean hole out and area and installation area.
- Install plastic sleeve anchor to be level with ground surface
- Place product over the holes and install lag screws with washers under the head for added strength. Tighten with wrench until firm resistance is felt - do not over tighten.
- Periodically inspect that screws are secure and tighten if needed or replace.
- NOTE: If heavy garbage type trucks are accessing more than 4 times per day, on in use on a steep incline, it is recommended that epoxy anchor systems be used. **Available from Hilti.**

NEVER USE SPIKE OR EXPANSION ANCHORS ON SLABS OF CONCRETE IN PARKING GARAGES

As this will cause moisture to enter the slab and damage the structure

WHEEL STOPS/PARKING STOPS – May be installed with anchors or rebar spikes. For Concrete or Asphalt, reference anchor installation procedures above.



4” Anchor Part # PAA-SC-2
6” Anchor Part # PAA-SC-1



REBAR SPIKES

12” Part #PAA-SC-4B-12 | 14” Part #PAA-SC-4B