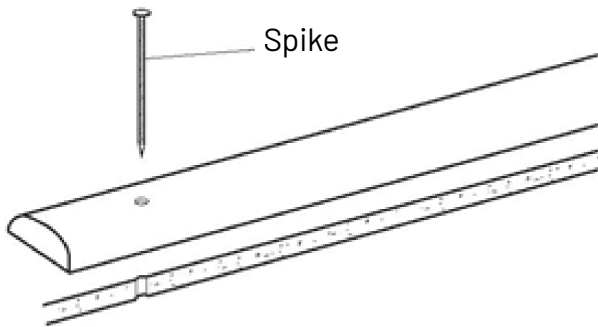


STEEL SPIKE METHOD (ASPHALT) FOR PERMANENT SPEED BUMP INSTALLATION

Recommended to secure rubber speed bumps to asphalt surfaces.

Required:

- Rubber speed bump
- One 1/2" x 14" rebar steel spike for each hole in the speed bump
- Gloves, safety glasses
- Traffic cones, drums or barricades for securing site
- Heavy-duty electric hammer drill
- 1/2" masonry bit
- Sledge hammer for driving spikes



1. Position speed bump in its installation position. Using its pre-drilled holes as templates, mark the location of each hole on the asphalt surface.
2. Remove the speed bump. Using a high-speed hammer drill with a 1/2" masonry bit, drill pilot holes into the asphalt for each marked location to a depth of 3" to 4".
3. Make sure the surface is thoroughly clean and dry. Fill hole and apply to the bottom of speed bump/speed cap with epoxy resin to secure the anchor bolt and enhance bonding and integrity.
4. Reposition the speed bump in its installation position. Drive each 1/2" steel spike through the speed bump and into the drilled hole until the spike is snug against the surface of the pre-drilled hole in the speed bump.



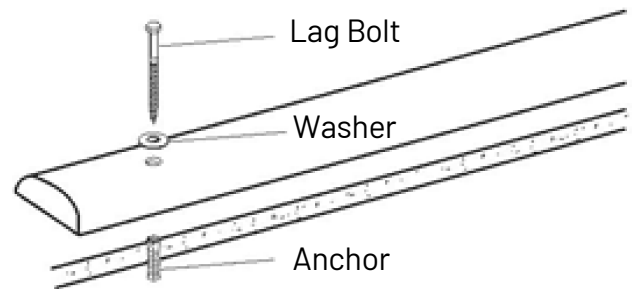
CAUTION! Do not drive spikes beyond snug. If driven too far, the spike may damage the speed bump and caps.

LAG BOLT METHOD (CONCRETE) FOR TEMPORARY INSTALLATION OR IF REMOVAL OF SPEED BUMP IS NECESSARY.

Recommended to secure rubber speed bumps to concrete surfaces.

Required:

- Rubber speed bump
- One 1/2" lag bolt, one anchor and one washer for each hole in the speed bump
- Gloves, safety glasses
- Traffic cones, drums or barricades for securing site
- Mallet
- Heavy-duty electric hammer drill
- 3/4" masonry bit
- Impact wrench or heavy ratchet



1. Position the speed bump in its installation position. Using its pre-drilled holes as templates, mark the location of each hole on the concrete surface.
2. Remove the speed bump. Using a high-speed hammer drill with a 3/4" masonry bit, drill pilot holes into the concrete for surface of each marked location to a depth of 3" to 4".
3. Insert the anchors into each hole and tap into the hole with a mallet until flush with concrete.
4. Reposition the speed bump in its installation position. Insert the bolt through washer and hole in the speed bump. Tighten with an impact wrench or heavy ratchet. Repeat for each hole in the speed bump.



CAUTION! Raise snowplow blades when approaching installed speed bumps and caps.