### Weighted Flush Mount Stand-Alone Traffic Spike System

#### Safety Information

**PLEASE READ THIS FIRST**

Traffic spikes are not intended for use on high stress facilities such as hospitals, emergency rooms or busy roadways where vehicular traffic is traveling at full speed. Traffic spikes should only be used in a parking situation or other areas where traffic can be slowed to a maximum of 5 miles before crossing the traffic spikes. Failure to follow these guidelines may result in bodily injury, vehicle damage and extreme wear and tear on hardware.

**Identify Spikes to Vehicular Traffic**

It is extremely important that traffic spikes are installed in an area that is illuminated and clearly marked with warning signs (DoorKing’s model 1615 illuminated warning sign kits).

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#### Installation

**Maximum Vehicle Weight: 8,000 lbs**

- **Trench**
  - Dig a trench using to the overall spike system and concrete block height and width. **Spike system MUST be flush with the roadway.**
  - Use tape to protect spike slots and bolt heads when pouring concrete.

**Four (4) Standard 8" x 8" x 16" Concrete Blocks**

- Position the spike system on LEVEL concrete blocks. This will elevate the spike system above the base of the trench and allow for proper drainage and help avoid corrosion.

**Gravel**

- Load gravel inside the trench up to the top and inside the holes in the concrete blocks. This will help the drainage process and avoid soil run-off underneath roadway.

**DO NOT let any concrete or debris get inside the spike housing!**

This will interfere with the internal moving parts and prevent the spikes from operating properly.

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#### Lower or Raise Spikes

**Lower Spikes**

1. **Insert lock-down tool in an access slot indicated above.**
2. **Hook spike rod and pull tool up as far as possible.**
3. **Push down until spike rod bottoms out in upper guide position...**
4. **...continue pushing down until tool frees from spike rod.**

**Raise Spikes**

1. **Reverse the 3 steps above.**

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### Regular Maintenance of Spike System

Regular inspection and removal of dirt, debris, gravel, and rock is required in order to keep traffic spikes functioning properly. Neglecting to regularly clean dirt and debris from inside traffic spikes is the number one cause of excessive breakage and traffic spike malfunction.

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