**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 high 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 the traffic system.

**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).

**Central Vehicular Traffic**

Traffic must be slowed to a cautious speed prior to crossing the traffic spikes to avoid accidents and excessive wear and tear on the traffic spikes. Speed-bumps should be installed where additional speed control is desired and also serves to prolong the life of the traffic spikes (see 1610 speed bump for concrete surfaces).

**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.

**Regular Maintenance of Spike System**

Inspection of traffic spikes is the number one cause of excessive breakage and traffic spike malfunction. Neglecting to regularly clean dirt and debris from inside traffic spikes is the number one cause of excessive breakage and traffic spike malfunction.

**Traffic Direction**

Only when spikes are raised

**Cutaway End View**

Firmly Packed Soil

**Springs in RAISED lock-down position**

**Springs in LOWERED lock-down position**

**How Lock-Down Tool Functions**

The spikes are lowered or raised with two separate 3-rh spike rods inside the housing. Spikes are lowered or raised 10 at a time using the lock-down tool. This process must be performed two times to lower or raise all 20 spikes.

**Attach Lock-Down Tool to Spike Rod**

Push lock-down tool further into slot than necessary. Pull back on tool until hook catches the spike rod.

**Reverse the 3 Steps above.**

**Step 1**

**Step 2**

**Step 3**

Lower Spikes

Insert lock-down tool in an access slot indicated above. Hook spike rod and pull tool up as far as possible.

**Raise Spikes**

Reverse the 3 Steps above.

**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.

**Tape**

(Not supplied)

Use tape to protect spike slots and bolt heads when pouring concrete.