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 kit).

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 hardware. Speed bumps may be installed where additional speed control is desired, which also serves to prolong the life of the traffic spikes (see 1610 speed bump for concrete surfaces).

Traffic spikes must always be installed at a 90° angle, never installed in blind spots, corners, curvatures, (enough straight-away must be available to allow vehicles that close to curve will "speed up" while holding spikes down... let the spikes rise and catch the locking tab and pull it up above the spikes.)

Lower or Raise Spikes
How Lock-Down Tool Functions
Each 3-ft spike section has 3 separate spike assemblies in the spike tunnel (3 spikes connected together). Each assembly can be lowered or raised independently with the lock-down tool. The process of lowering or raising the 9 spikes in each 3-ft spike section MUST be performed THREE TIMES.

Lower Spikes
Lock-Down Tool Slot
Spikes fit in the slot on bottom of the hook.

Raise Spikes
Lock-Down Tool Slot
Spikes fit in the slot on bottom of the hook.

Installing Spikes
1. Secure spike tunnels to concrete. Use at least 8 sleeve anchors but more are recommended (not supplied).
2. Bolt ramp plate to spike tunnel with supplied hardware (8 bolts and lockwashers per 3-ft spike section).
3. Secure two end caps to concrete with sleeve anchors.
4. Cut off the excess threads on all the necessary sleeve anchors flush with the top of the nuts. File them if necessary to make them smooth.

Minimum Concrete Pad Size
Spikes MUST be anchored to a concrete surface. If you do not have a concrete surface, you will need to create a concrete base before installing the surface mounted spikes. Asphalt, brick, dirt, gravel or worn out concrete are not appropriate installation surfaces.

Traffic Direction
Each 3-ft spike section has 3 separate spike assemblies in the spike tunnel (3 spikes connected together). Each assembly can be lowered or raised independently with the lock-down tool. The process of lowering or raising the 9 spikes in each 3-ft spike section MUST be performed THREE TIMES.

Important Maintenance Information:
When disassembling the spike tunnel to clean out debris that will build up over time, pay attention to the orientation of the springs for the spikes and locking tabs. They MUST remain in the factory installed orientation or the spike system WILL NOT function correctly.

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