



SECURE LANE LLC

Directional Traffic Spikes Installation and Operating Precautions

1. Install the Directional Traffic Controller perpendicular to the flow of traffic. If vehicles cross the controller at an angle other than 90 degrees the spikes may cause sidewall damage to the tires. Check all bolts to insure none have loosened during shipping, and tighten as necessary. Loctite is recommended for final installation.
 - Crossing the controller at other than 90 degrees or turning directly over a controller can cause damage to the tread or sidewalls of vehicle tires.
 - Proper selection and placement of the controller or the use of boundary posts, curbs, etc can prevent turning or crossing at other than 90 degrees.
2. The maximum suggested speed vehicles may cross the controller is 5 MPH. Excessive speed will cause increased damage to the spikes and top plates, and/or broken springs will result from speed in excess of 5 MPH.
 - Speeds above 5 MPH across the directional controller can result in tread or sidewall damage.
 - Speed can be controlled by properly designed speed bumps, signs, signals, etc.
3. The Directional Controller should be installed in a location where the least amount of water will drain into the unit. Be sure there is adequate drainage under the unit for water run off.
4. Install the Directional Controller on a level area to prevent vehicles from rolling back onto the controller and causing tire damage.
5. Keep pedestrians away from the area of the Directional Traffic Controller.
 - Proper site selection, cautionary signs, pedestrian barriers, raised walls are some means of limiting pedestrian access to the area of the controller
6. Routine maintenance should be performed periodically to insure that all bolts are tightened and debris is not accumulating in the unit and that water is draining properly. **Excessive debris may also prevent**

spikes from moving freely in the frame and causing damage to the unit and possibly to tires.

- Important in the proper continued operation includes checking and clearing debris that might have accumulated in the unit.
- During the first 60 days of operation – weekly inspection should be conducted. Thereafter, monthly or as needed.

7. Signage is recommended at each installation of a Directional Controller. Recommended signage should read as follows:

**DO NOT BACK UP – SEVERE TIRE DAMAGE
SPEED LIMIT 5 MILES PER HOUR
NO PEDESTRIANS IN TRAFFIC LANE**

8. Secure Lane LLC cannot warranty traffic control products if installed, operated or maintained outside the limitations noted herein. Specifically, locating a traffic controller where traffic is crossing at an angle other than 90 degrees, where a wide turn is possible, where vehicle speeds are greater than 5 MPH, or where a traffic controller is improperly installed.
9. Secure Lane LLC will be pleased to answer any general questions concerning the installation or maintenance of traffic controller, however, we are unable to provide technical recommendation concerning the design of foundations, roadways, placement of controllers, vehicle traffic routing, traffic pattern design, matters relating to pedestrian safety, lighting or other safety matters. We recommend that you consult the appropriate independent engineer, architect or consultant for assistance in these matters.



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