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## Preventative Maintenance Instructions for Guardian Traffic Spike Controllers

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Thank you for your purchase of Guardian Traffic System Controllers the finest and best-engineered traffic controllers made. These units are built to last, employing the finest engineering, using the highest quality materials and precision fabrication. To insure your units provide long lasting service, please follow these very simple step-by-step Preventative Maintenance Instructions.

If you have any questions do not hesitate to contact our customer service or engineering staff at 1.520.881.3380 or toll free 1.800.866.9115 (8:00 AM to 5:00 PM - MST) or e-mail to [sales@guardiantraffic.com](mailto:sales@guardiantraffic.com). Thank you.

### **MAINTENANCE of GUARDIAN Traffic Controllers:**

It is necessary to maintain your Guardian Traffic System Controllers consisting of periodic (at least monthly but more frequently if site conditions require) inspection insuring proper tooth and shaft movement and cleaning of any debris that may have settled or lodged inside the controller.

Accumulated debris must be removed and can be done easily by removing the top-plate assembly, which gives free access to the inner cavity of the unit. If debris is allowed to build up, the unit could malfunction causing damage to the unit, rusting or deterioration of components, or the puncturing of vehicle tires traveling in the correct direction. With proper installation and maintenance of Guardian Traffic System Controllers will provide many years of cost-effective and reliable directional access control.

### **TOOLS REQUIRED:**

1. 7/16" socket or wrench for the Latch Down Device
2. 9/16" socket or wrench for the Top Plate
3. Shop Vacuum System & Broom
4. Trash Bag or Container
5. Grease Gun
6. Allen Wrench Set

### **STEPS TO CLEANING and RE-ASSEMBLY:**

1. Loosen and remove the 9/16" Bolts holding the Top Plate
2. Remove assembly and set aside
3. Remove debris and build up as necessary ensuring a clean cavity
4. Check the movement of the teeth assembly
5. Check, tighten and lubricate the bearings if so equipped
6. Return the Top Plate Assembly and align with holes
7. Reinstall the bolts and securely tighten
8. Check the teeth assembly to ensure proper movement
9. Check the latch down making sure the assembly is tight
10. Clean site of all debris



**\*\*\*MAINTAIN MONTHLY OR AS NEEDED\*\*\***

***Some locations depending on climate and weather conditions may require additional attention.***