



RedStorm™ System Preventative Maintenance Program

We recommend weekly preventative maintenance (PM) to ensure your RedStorm System continues to operate efficiently. The PM program should consist of:

- Monitoring placement of traffic delineation within the garage
- Monitoring placement of barricades within the garage
- Re-setting the zone counts.* This should be done on a scheduled basis to account for environmental factors which could lead to count irregularities. (See RedStorm System Requirements for more details.)
- Clean sensors, as needed. Lightly clean do not disturb sensor placement angle. Use mild, non-abrasive detergent and a soft cloth. Do not pressure wash.

*Note: Resetting the RedStorm Zone count is a 2-step process. First, the parked vehicles in each zone are counted; then the parked vehicle count is uploaded to the RedStorm System. For safety and to achieve maximum count accuracy, preventative maintenance should be done when traffic is at its lowest. We recommend using two people to complete the garage drive-thru portion of the PM.

The PM frequency should be tailored to the operating environment and utilization of each installation.

Controlled Document April 2017

Performing the Preventative Maintenance

When performing the weekly or semi-weekly Preventive Maintenance (PM), start at the highest zone of the garage and work toward the lowest zone.

Beginning on the highest zone of the garage, check and record the following by RedStorm Zone**:

1. Count the number of vehicles parked on each RedStorm Zone. Enter Zone vehicle count on the RedStorm SuperMaster.
2. Verify that traffic delineators are in their upright and proper position. (Refer to Figure 1 for positioning.)
3. Verify that physical barricades are in their proper location. (Refer to Figure 1 for proper positioning.)

Repeat Steps 1-3 for all zones of the garage.

Report missing/broken barricades or delineators to the proper authority for immediate replacement.

**NOTE: A RedStorm zone is defined as the parking area between 2 sets of sensor pairs. A pair of sensors mark the end of one zone and the beginning of the next.

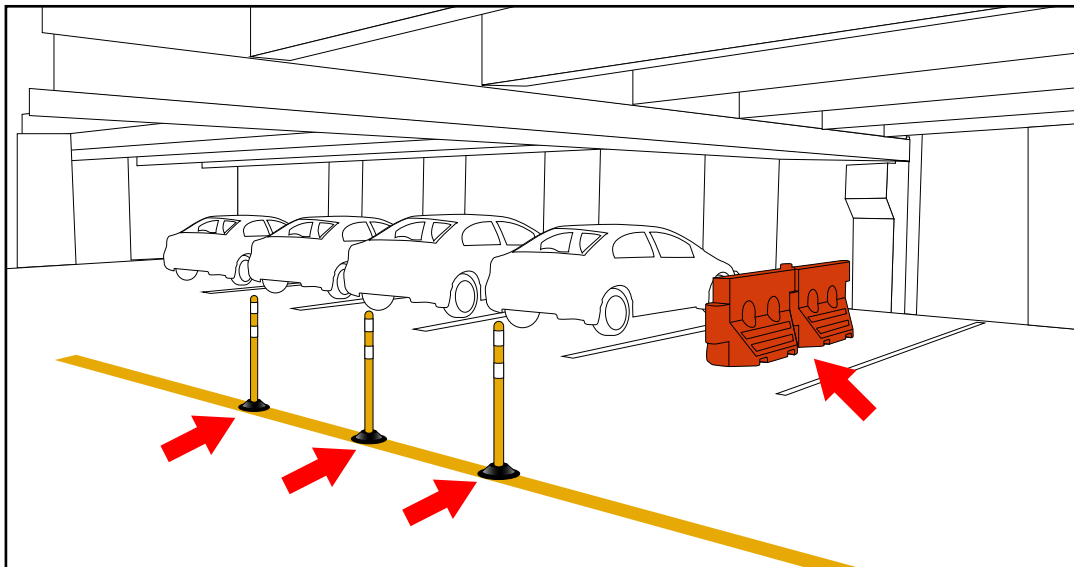


Fig. 1
Proper Traffic Delineator and Barricade Placement