



Justrite Safety Group

## **Installation Guide: Safety Rider Vulcanized**

### ***Components:***

- Mini Hump unit sections
- 6" Lag bolts 3/8" diameter, washer, shield – 6 per section (GNRS960000)

### ***What You Need:***

- Chalk
- Measuring tape
- Heavy duty hammer drill
- Drill bits – carbide tip, 9/16" diameter, 10-12" long
- Hammer for installation of plastic shields
- Sledgehammer (for final adjustment)
- Ratchet or power tool to screw down the installation bolts
- Wrench with extension drive for bolt installation
- Broom for cleaning installation surface
- Portable blower / vacuum cleaner for cleaning installation holes from dust / debris
- Gloves, safety goggles
- Traffic cones, barricades or other means to secure the site

### ***Crew:***

- 2 – 4 installers (depending on the solution installed)



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### ***Installation Instructions:***

<b>STEP 1:</b>	Determine the location of the device and sweep the surface clean of debris / dust. Use chalk to mark the center lines (parallel and perpendicular to the direction of the street) and border lines on the surface.	
<b>STEP 2:</b>	Assemble and position the units, starting from the center line (parallel to the direction of the street).  <u>Note:</u> Make sure the units are tight and well aligned before moving on to step 3.	
<b>STEP 3a:</b>	Drill 9/16" diameter holes into the surface, through the existing holes of the placed units. The holes should be 5 1/2" – 6" deep in order to accommodate the 6" long lag bolts. Remove the product and insert the plastic shields until the flange of the shield is flush with the installation surface.	
<b>STEP 3b:</b>	Re-position the product over the holes made in the installation surface.  <u>Note:</u> Make sure the holes are clear of dust and debris before installing the shields. (A portable blower is useful for this purpose)	
<b>STEP 4:</b>	Insert a lag bolt with a washer <del>insert lag bolt with washer</del> down each unit. Do not over tighten.	

### ***Maintenance:***

- Requires minimal maintenance. Periodically inspect the bolts and tighten if necessary.

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