



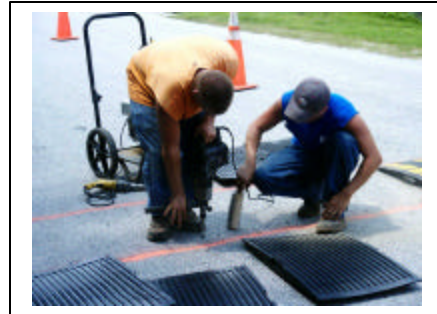
## Control Specialists Company

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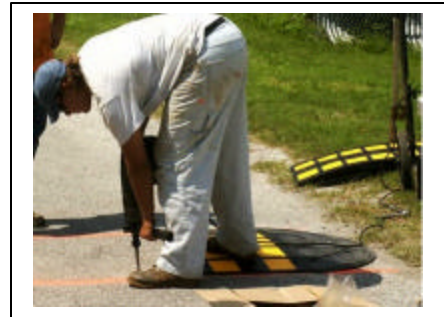
### SAFETY RIDER SPEED HUMP Installation Instructions

Notice: The end caps for the Safety Rider have either a male or female tab on the flat edge. You will need one male and one female end cap for each installation.



1. Determine the location for installation of the GNR Safety Rider speed hump. Place a center chalk line (line #1) across the desired roadway surface marking the desired center point of the finished speed hump. Place a second chalk line (line #2) approximately 18" from, and parallel to, the first chalk line, on one side of the center line.
2. Starting on either side of the roadway, place a chalk line (line #3) 18" into the roadway from the desired ending point of the safety Rider, so as to intersect the first two chalk lines at right angles (90E angles).

3. Place the first safety Rider section so that its long (35.5") edge is aligned with chalk line #3, from 2 above, and the short (19.5") edge is aligned with chalk line #2 from 1 above. One corner of the Safety Rider should now be in the corner created by the intersection of chalk line #s 2 and 3. Chalk line number 1 should be under the center of this first section. **IMPORTANT:** The male or female tab on this first section must be aligned with chalk line #3. The opposite male or female tab from the end cap will need to be aligned with this first tab.



4. When satisfied with proper alignment, drill 3/8" pilot holes, 1" deep, through the six bolt holes in the Safety Rider section into the asphalt surface, being careful not to move the section during this process. Remove this section of Safety Rider. Finish drilling the six holes to a depth of 3 inches. **NOTE:** Depending on the density of the asphalt it may be necessary to drill the holes 7/16" wide. Reinstalling with other than manufacturers shields require that you adjust the width of the hole to meet the shield manufacturers recommendations.

5. Using a rubber mallet, insert plastic shields into the six holes drilled in the asphalt. Align the Safety Rider section with the six holes and attach using the 5"xd" lag bolts and washers. Do not tighten.
6. Align the first end cap with the first installed section from # 5 above. The tab on the end cap should mate with the slot on the first section. Drill holes, insert plastic shields and attach end cap as described above. Tighten all lag bolts, except the two closest to the next section to be installed. They should be tightened only after the next adjoining section is installed.



7. Continue to attach each adjoining section until crossing the roadway to the desired width. Before installing the final Safety Rider section, be sure your last end cap will fit into the last Safety main section. If not you should exchange that end cap for the proper end cap. Attach the other end cap using the same procedure.

