

BD Loops TB-Kit Instructions

Got a loop related question? Call **BD Loops** at: 714-890-1604
Or visit **BD Loops.com**

Step 1:



Place saw-cut yoke (where the loop meets the lead-in) into the #1 block red side down with a 1 to 1 $\frac{1}{4}$ inch space from top of block to split of yoke.

Step 2:



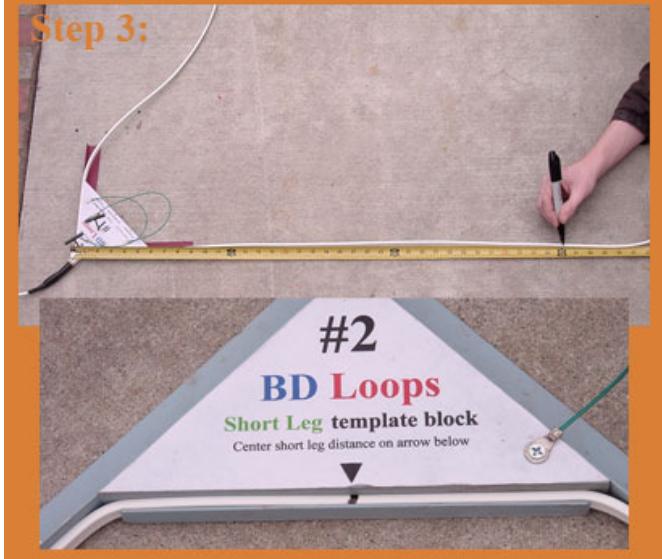
Position the #1 block where the loop yoke will be installed. Use the supplied 1/8 inch masonry drill bit to drill a hole (through previously drilled guide hole on the block) into the roadway surface. Drill a second hole to align the #1 block to form a 90° corner. Insert "T" bar into the holes.

Instructions in Spanish are available for download at:
www.BDLoops.com

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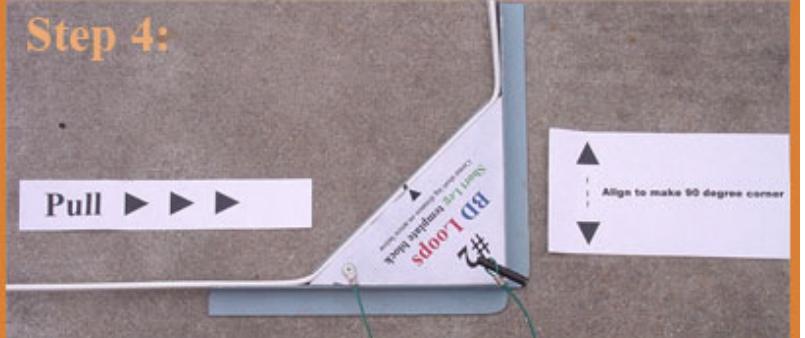
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Step 3:



Measure and mark the short leg of the loop. Ensure the loop wire has no twists then insert the wire into the #2 block with the mark centered on the arrow.

Step 4:



Align block #2 with #1. Pull block #2 tight, drill a hole, then insert "T" bar to hold block #2 in place.

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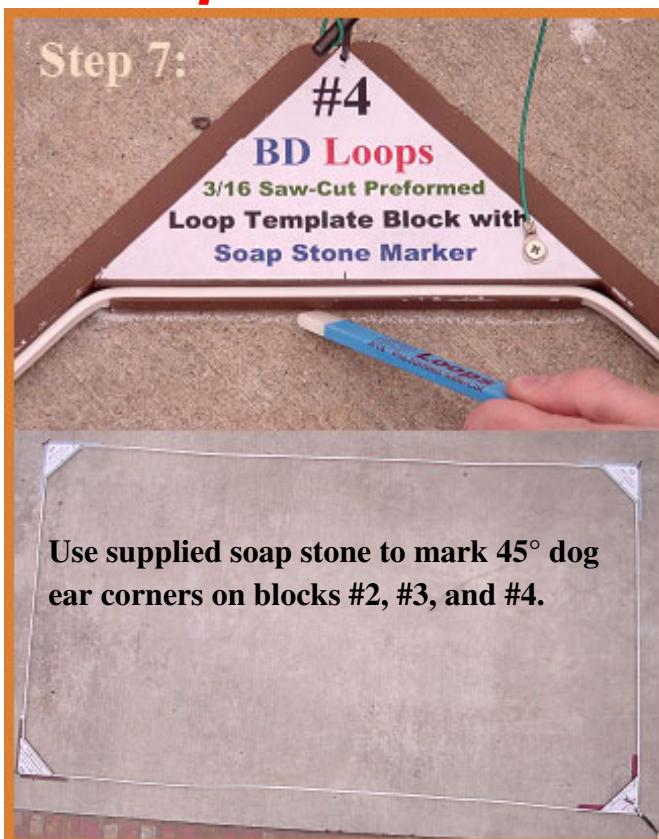
Ensure the loop wire has no twists, then find, align, and insert the red mark (already placed at the factory) into the arrow of block #3. Align block #3 with #2. Pull block #3 tight, drill a hole, then insert "T" bar to hold block #3 in place.



Pull the last corner of the loop with your finger to make a 90° angle and make a mark on the loop. Align and insert the mark into the arrow of block #4. Align so the wire is tight, drill a hole, and insert "T" bar to hold block #4 in place.

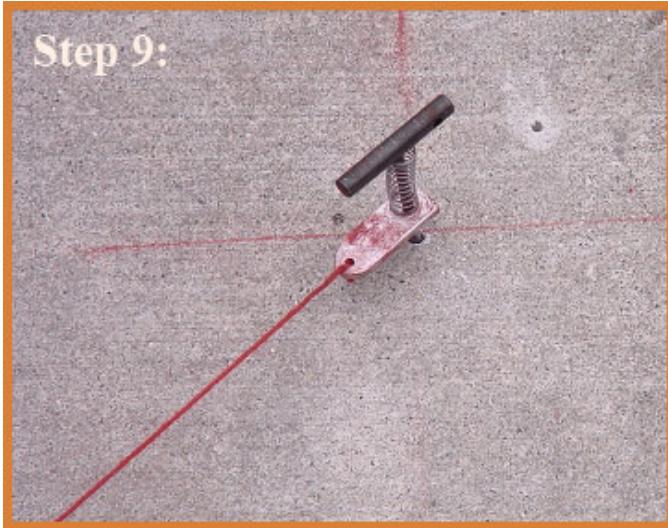
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Remove "T" pins from the ground. Use the modified Chalk line to mark the loop pattern by inserting the chalk line's "T" pin into the holes drilled in the previous steps. Align the string over the corner hole and snap all four sides.

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Mark the lead-in pattern by inserting the chalk line's "T" pin into block #1's hole and snap a line leading back to the operator. (Lead-in path varies by job).

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Protect the chalk lines made by spraying a clear coat or matte spray over the lines. This will protect the pattern from water (often used with a saw-cut machine) and wind. To complete the installation follow the instructions supplied with the loop.

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BD Loops 3/16 preformed Saw-Cut loop Installation instructions

Determine the location of the loop lead-in yoke and mark off for proper size loop. The use of the optional **BD Loops** portable template system (TB-KIT) will insure the proper saw-cut size and save time in the process. When using the TB-KIT follow instructions supplied. If not using the TB-KIT, you will need to mark 3 of the corners with a 45° dog-ear cut that is $5\frac{1}{2} \times 5\frac{1}{2} \times 7\frac{3}{4}$ inch. On the back side of this sheet is a cut-out that can be used. For the lead-in yoke corner you will need to double saw-cut a $\frac{1}{2}$ inch by 6 to 8 inch groove to allow room for the lead-in yoke (See Fig 1 below).

The saw blade MUST BE 3/16 inch or larger with a min depth of $1\frac{1}{4}$ inch and maximum of $2\frac{1}{4}$ inch. Use a water hose to clean out saw-cut groove then with compressed air and vacuum remove all water from groove. Our loop design works best with a 3/16 inch saw-cut blade (0.1875 inch). With a 3/16 inch saw-cut the loop will not need a backer rod to hold the loop in the bottom of the saw-cut groove. The backer rod is built in the loop design itself. When using with $\frac{1}{4}$ inch saw-cut groove wrap a few turns of black electrical tape around loop and lead-in wire about every 3 feet to insure loop will stay in bottom of saw-cut groove.

When installing the loop be sure to have the **RED SIDE** of the loop facing DOWN. Start at the 45 degree counter opposite of the yoke and place the **RED** mark on the loop in the center of the $7\frac{3}{4}$ side of the dog-ear (see fig #1 below). **DO NOT PUSH LOOP IN TO GROOVE AT THIS TIME**. Lay out the complete loop on top of the saw-cut groove to make sure that the lead-in yoke aligns up with the $\frac{1}{2}$ by 6 inch groove. Make adjustments as necessary to align yoke with yoke groove. Once lined up, start at the RED Mark and push the loop into the groove using the **BD Loops** PIZZA ROLLER (Model #PR-3/16) or similar device that does not have sharp edges to push the loop to the bottom of the saw-cut groove. Use the **BD Loops** corner tool (supplied as part of the PR-3/16 kit) or a blunt screwdriver to push the loop in at the 45 degree turns to the bottom of the groove. Lastly, seal with proper loop sealant. In yoke area fill with sealant under yoke area then fill on top.