860/861 Saw Cut Loop Installation Instructions

The 860-xxyy-zz and 861-xxyy-zz Saw Cut Loops consist of four turns of insulated 18awg wire for the 860 and 16awg for the 861. The four turns are wrapped in order to hold the loop shape and to maintain vertical stacking of the wires to ease the insertion of the loop into the surface saw cuts. The dimensions of the loop are indicated by the value xxyy in the part number where the xx indicates the short side dimension of the loop and yy indicates the long dimension of the loop in feet, i.e. 15 = 1.5 feet, 20 = 2 feet. The two wires exiting the loop are twisted to avoid interference and create stability in the loop signal. The length of the lead in or tail is indicated by zz in the part number.

PRECAUTIONS

1. The loop should not be closer than five feet (5') from any magnetic interference above ground such as a storage tank, a dumpster, or other large metal object.
2. No part of the loop should be within two feet (2') of reinforcement rods in the surrounding pavement.
3. The loop should not be situated directly over any large metal object in the ground within five feet (5') of the surface.

INSTALLATION

(Refer to Figure 1)

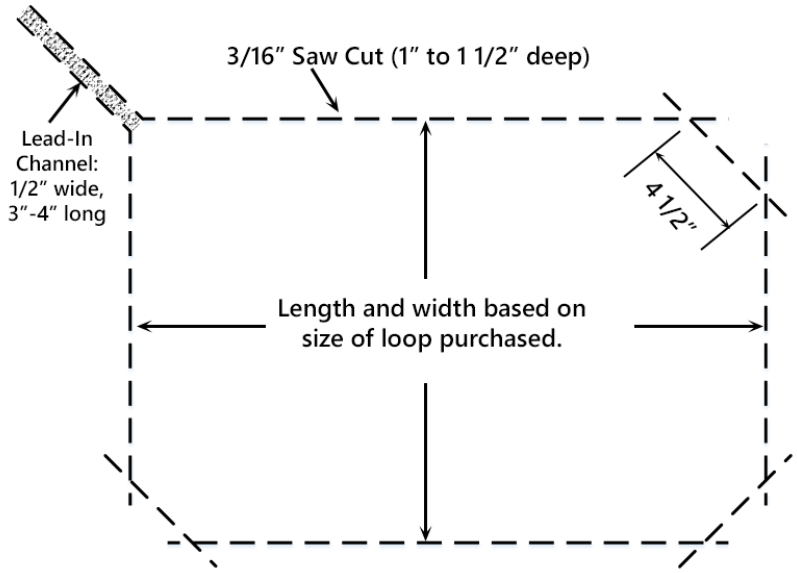

FIGURE 1

1. Using a straightedge, mark on the asphalt or concrete a rectangle with the dimensions of the loop that you purchased.
2. Mark a 45-degree angle across each of the three corners shown in Figure 1 using the supplied wooden triangle.
3. Using a concrete saw, cut a 1 to 1 ½" deep slot where you've marked the surface.
4. At the corner where you want to locate the twisted lead-in wire, cut a wider slot up to 4" long and ½" wide to allow for any extra wire from the loop and the twisted lead-in.
5. Clean out any debris from the saw cuts using a vacuum cleaner or compressed air.
6. Beginning at the lead-in corner, insert the loop into the slot and follow the pattern around the 45-degree corners and back to the lead-in corner.
7. Fold any extra wire into the wide Lead-In Channel and lay the lead-in wire into a slot or into conduit to your vehicle detector or loop extension cable.
8. Seal the loop with vehicle loop sealant.

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