

TEST LOOP – TSTL Instructions



The TSTL can be very helpful to locate a loop detector problem in a gate or door installation.

When there is a problem with the loop detector operation it is difficult to decide if the problem is the loop detector or the loop in the ground. One good way to test the loop is with a loop insulation tester “expensive”. However, not all professionals have access to this expensive insulation tester.

The next best thing is to try a separate the problem into two parts by connecting the detector to another loop, this is where the TSTL comes into action. The TSTL is an inexpensive testing loop simulator. You simply disconnect the in-ground loop and connect the Red and Black leads to the detector loop inputs. To test simply pass a soda can or other small metal object over the TSTL face to activate the detector several times to assure the proper operation of the gate.

- Note: It is not recommended to use high carbon (tool steel) to test with as in some cases it may cause improper operation of the detector.

Results: If the gate operates correctly then the loop detector is most likely not at fault. If the problem is repeatable then the problem is likely a problem with the detector.

Connection Information

Red Wire to Input 7 on most brands of detectors
Black Wire to Input 8 on most brands of detectors