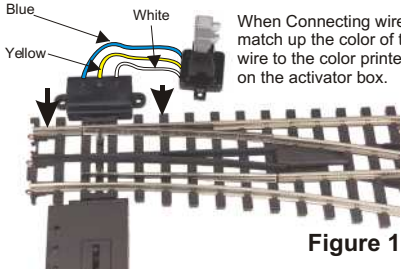




# Modern Dwarf Signal Instructions

Item Number 30-11038

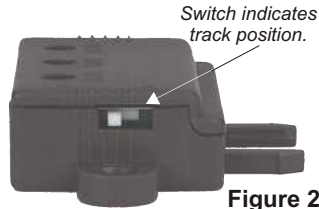
The modern dwarf signal can be attached to scale O Gauge track systems from MTH. Simply slide the Dwarf Signal Activator Box into the switch arm opposite the switch motor box as seen in Figure 1.



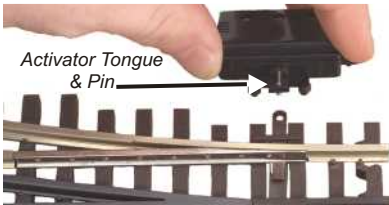
When Connecting wires, match up the color of the wire to the color printed on the activator box.

**Figure 1**

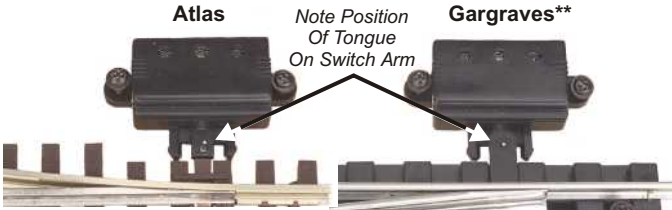
Match your switch points to the switch located on the side of the signal activator box. "C" represents curve, "S" represents straight. Switch is shown in Figure 2



**Figure 2**



The pin in the Activator tongue is two-sided, with a thicker diameter pin on the bottom of the tongue for Atlas switches and a thinner pin on top for Gargraves switches as shown in Figures 3.



**Figure 3**

\*\* When using Gargraves track, we recommend mounting the sensor block a minimum of 1/2 inch from the track

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