

Instructions For Mounting The Sunset Valley Switch Stands And Ground Throws

By Sunset Valley Railroads

- 1) The travel on our stands and throws can be altered by turning the adjustment screw on the crank. Sunset Valley switches have a ¼" throw, other switches may differ. You should adjust the travel to be slightly more than the throw of the switch, so that the switch points push against the outer rails and hold tight against them at each end of the stroke.
- 2) Using a large paperclip, approximately 1 7/8" x ½" (size not critical), bend it in stages as shown in the photo to the final shape. The length should be 2 3/8" long
- 3) Drill a .043" (#57) hole in the center of the circular dimple next to the oval hole in the switch throwbar.
- 4) Push the paperclip ends in the throwbar hole and the groundthrow adjustment screw as shown in the photo
- 5) With the switch point rails firmly against the RH stock rail, position the groundthrow on the headstock ties, mark the 4 holes and drill through with a .073" (#49) drill
- 6) Screw the groundthrow to the ties with 2-56 x ¼" screws.
- 7) Check that the groundthrow correctly throws the switch. The travel is altered by the adjustment screw, make sure there is some over travel at each end. The paperclip loop takes up the tension to ensure a positive force.

