

Telrad Pulser Installation

Remove the instrument's cover allowing access to the battery compartment.

Remove existing battery holder by cutting wires close to the battery holder leaving enough lead length to allow easy rewiring (discard existing battery holder), strip approximately 3/8" of insulation from the ends of the wires.

Drill holes through the housing as illustrated below (use a 9/32" drill and a 3/32" drill). After drilling check for and remove any burrs on the inside or outside of the new holes. The illustration may be cut out and used as a template if desired.

Remove the nut and washer from the potentiometer, position the wires on the sides of the pulser unit, and, with the bottom (black side) of the circuit board facing up in the open side of the Telrad, feed the shaft through the larger hole then rotate the unit to align the locating lug with the smaller hole.

Install the nut and washer and tighten until the potentiometer is pulled snug to the inside surface; to avoid stripping the threads, do not over-tighten.

Put the open ended leads together with the remaining leads from the instrument, red to red and black to black, and secure with the supplied wire nuts, ensure that the connection is secure but do not over-tighten. For added security the connection may be wrapped with electrical tape.

Push the newly connected wires down into the unit in such as way as to not interfere with the new battery holder.

Install fresh batteries into the new battery holder (ensure that the batteries are correctly seated in the holder), put the holder into the housing and route the wires to avoid interference with the cover or other obstructions.

Replace the battery compartment cover, place the instrument on its side and carefully press the control knob onto the potentiometer shaft, position the indicator in the direction of your choice.

Your new pulser is easy to use, the original control will still regulate the intensity or brightness of the reticle image and the new control will allow you to adjust the pulse frequency.

The switch on the new control turns the power to the instrument on and off and, to avoid battery drain, must be off when the instrument is not in use.

To provide a steady image, turn the pulser control fully clockwise, to provide a pulsed image, adjust the control less than fully clockwise as desired.

To switch off, turn the control fully counter-clockwise until you feel the click.

