Elecsys Watchdog Scout / SCT-1614-N3 - Replacement Back Panel Quick-Start Guide

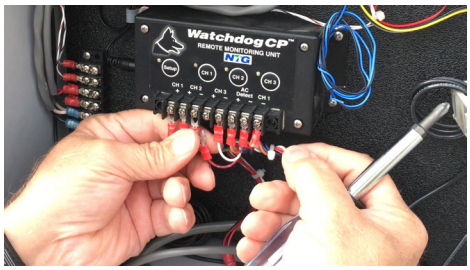
Package contents: Scout Monitoring unit with cable harness and connectors (communication terminal w/ brackets & cable on satellite units); 120/240VAC - 12/24VAC step-down isolation transformer w/ plastic safety guards; set of 2 mounting brackets w/fasteners; 1 1/4" threaded connector for mounting directly to the rectifier enclosure. *Please inspect package contents and immediately notify Elecsys Technical Support at (913)825-6366 or email support@watchdogcp.com if there are any discrepancies.

Important Installation Notes: Do not connect directly to high voltage AC. The Scout is designed for low voltage (10-25VAC or 10-35VDC) input power. Use of the step-down transformer supplied with the unit is recommended for AC operation. *Prior to beginning installation of this product, locate the serial number of the device on the shipping box for use in setting up the website with customer service. This newer serial number will replace the one in the existing cabinet.

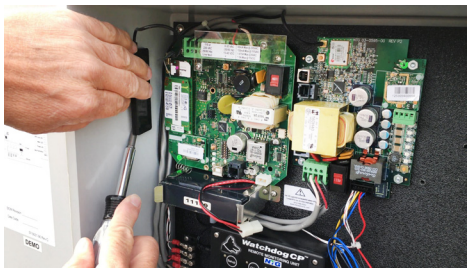
Ser. #_____

Step 1: Turn off the power to the rectifier and unplug the gel cell battery from the base station to power down the unit.

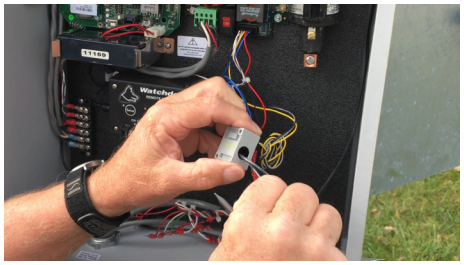
Step 2: Remove the power wires from the terminal block on the lower left of the WD2 enclosure.



Step 3: Remove the wires from the Smart Node and the top right side of the terminal block on the lower left of the WD2 enclosure.

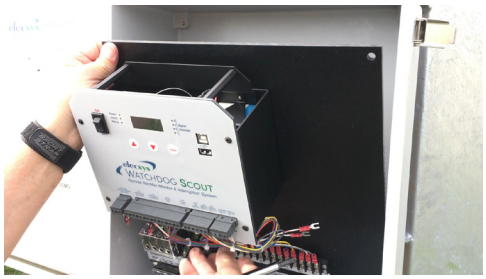


Step 4: Using a flat blade screwdriver remove the Hershey bar antenna from the top left side of the enclosure and unplug the GPS antenna from the Interrupter board.



Step 5: Disconnect the wire from the bottom of the Mercury relay and remove the current sensor from around the wire. Reconnect the wire to the bottom of the relay. Disconnect the red and black wires from the body of the relay.

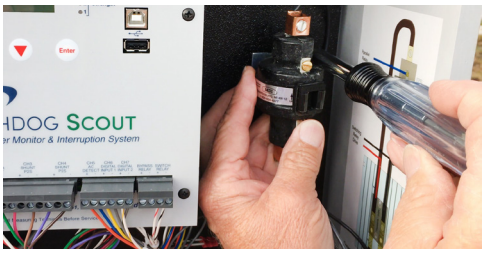
Step 6: Remove the screws holding the Mercury relay to the Back Panel and let the relay and wires lay to the outside of the enclosure.



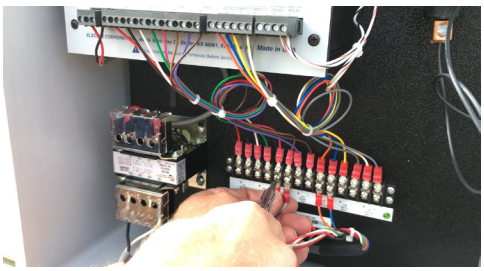
Step 7: Remove the four screws in the corners of the Back Panel and remove the back panel from the enclosure.

Step 8: Install the new Back Panel in the enclosure using the four screws from the corners of the old unit.

NOTE: The new Back Panel will have a Scout unit, an Isolation transformer, and a terminal block already installed.



Step 9: Using the screws that were holding the relay to the old Back Panel, install the relay in the new Back Panel in the pilot holes to the right of the Scout unit made for that purpose.



Step 10: Install all fork terminals from the signal cable in the appropriate screws of the Terminal Strip.

Step 11: Run the White/Red Stripe and White/Black Stripe wires from the Switching relay plug to the body of the Mercury relay.

Step 12: If the RMU power cable was low voltage, cut off the fork terminals and create a U to connect the cable with the White & Black wires on the transformer and tape all four wires together with electrical tape. From the rectifier pull the low voltage supply cable with the cable from the transformer through the conduit to the rectifier. Route the cable with the White and Black wires to the incoming Commercial power and connect them to a 115V or 230V position.

Step 13: If the RMU power cable was high voltage (115V), remove the cable with the white and black wires from the input of the transformer and replace it with the high voltage cable from the WD2. If the RMU power cable was for high voltage (230V), replace the cable on the input of the transformer and move the jumpers on the transformer input to the 230V position (1 jumper across the middle 2 screws with no jumpers on the outside screws).