

Current Transformer Conversion Kit



Step 1. Remove the old current transformer box, master square, and ground strap. Disconnect the high-voltage output wire from the inside of the high-voltage cabinet. These parts are no longer needed and can be discarded. Carefully grind the old current transformers mounting bracket from the T-bar.



Step 2. Mount the new master square and route the high-voltage wire through the non-conductive conduit. Allow the universal fitting to point outward as shown in the picture.

Step 3. Mount the new current transformer box on the side of the high voltage cabinet. Four ¼ inch holes must be drilled. Use a template to mark the holes. Use caution when drilling not to damage components on the inside of the cabinet.



Step 4. Route the high voltage wire through the current transformer box into the high-voltage cabinet. Ensure that the high-voltage wire does not come in contact with metallic / conductive objects. When routing the wire through the current transformer box thread the wire through the white spacer to ensure the wire does not contact the current transformer. Now attach the high-voltage wire to the output resistor.



Step 5. Use the large zip ties to mount the new coax cable to the NDT's frame. This cable serves as part of the receiver and is very susceptible to unwanted noise and interference.