

INSTALLATION PROCEDURE FOR KIT 111-041

KIT 111-041 is designed to block low level leakage currents from causing FALSE indications of REVERSE POLARITY on Paneltronics, Inc. AC panels.

To meet the requirements of ABYC Standard E-11.6.2.2.4.1. Paneltronics, Inc. provides RED LEVEL REVERSE POLARITY INDICATORS on all AC 120V/60Hz or 220V/50Hz electrical distribution panels equipped with SHORE MAIN circuit breakers. Under certain circumstances, because of the high sensitivity of these indicators, a false indication of REVERSE POLARITY may be experienced due to low level spurious leakage currents. Indicators may glow at a very low level, flicker on and off, or glow with increasing intensity as loads are placed in circuit. In this situation, a QUALIFIED MARINE ELECTRICIAN should confirm the absence of a TRUE REVERSE POLARITY CONDITION.

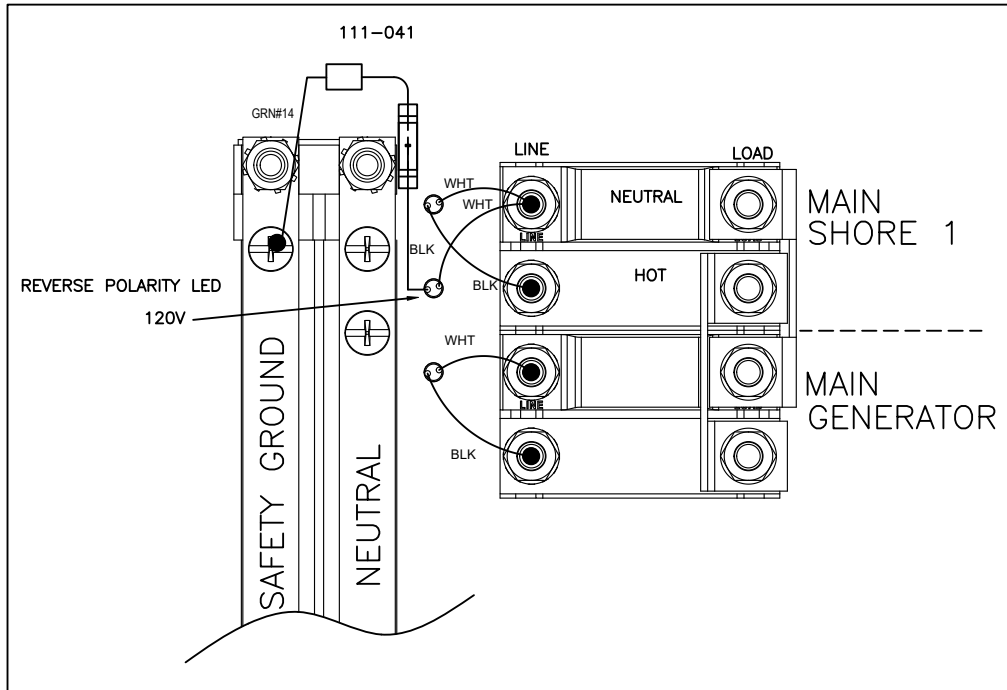
The installation of KIT 111-041 will not impair the operation of Paneltronics' LED REVERSE POLARITY INDICATORS. However, low level spurious leakage currents will no longer cause false REVERSE POLARITY indication.

The following procedure should be performed by a QUALIFIED MARINE ELECTRICIAN. Failure to obtain qualified assistance could result in electrocution, property damage, or both.

Installation Procedure

- Disconnect all sources of AC POWER including all shores lines, generators, and most important INVERTER BATTERIES.
- Locate the REVERSE POLARITY POLE. This will be the top pole, or the right-hand pole (depending on orientation).
- Locate the LINE CONNECTION. This will be the left of top connection (depending on orientation).
- Locate the REVERSE POLARITY INDICATOR on your panel (use your schematic).
- Trace the conductor from the REVERSE POLARITY INDICATOR to the LINE side of the REVERSE POLARITY POLE.
- Remove this connection from the REVERSE POLARITY POLE.
- Remove the ring terminal from this conductor, and strip the conductor, insulation back ¼".
- Insert the stripped end of this conductor into the butt splice provided on KIT 111-041, and crimp with a crimping tool.
- Connect the other KIT 111-0041 conductor terminated with a ring terminal to the LINE side terminal on the REVERSE POLARITY POLE.
- Repeat the above procedure for each SHORE MAIN circuit your panel.

120V 60HZ
SAMPLE CONNECTIONS



230V 50HZ
SAMPLE CONNECTIONS

