



R&M
MATERIALS HANDLING

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9/17/2013

TECHNICAL TIP - CHECKING A RECTIFIER

All checks must be made with meter set on Diode.
Power supply must be turned off so no voltage is present.

White Hoist Rectifier (ESD141)

Red Lead on 2 or 3 and Black Lead on 4 should be 1.0 volts.
Red Lead on 7 and Black Lead on 1 or 2 should be 1.0 volts.

Blue Hoist Rectifier

Red Lead on L1-1, L1-2, or L2 and Black Lead on A should be 1.0 volts.
Red Lead on - and Black Lead on A should be 1.0 volts.
Red Lead on - and Black Lead on L2 should be Short Circuit or 0.0 volts.
Red Lead on L2 and Black Lead on - should be Short Circuit or 0.0 volts.

Green Hoist Rectifier

Red Lead on L1 or L2 and Black Lead on A should be 0.5 volts.
Red Lead on - and Black Lead on L1 or L2 should be 0.47 volts.
Red Lead on - and Black Lead on A should be 0.92 volts.

All voltages are +/- 0.2 volts.