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6300/3200 Series Charging Circuit Service Information

- 1) DC circuit breaker and limit resistor should have continuity.
Limit resistor .3 ohm 50 watt Pt # 16506709
Limit resistor .3 ohm 30 watt Pt# 16506517
Limit resistor .15 ohm 50 watt Pt# 16506718
Circuit breaker Pt # 1-AB15Q

- 2) If above ok, proceed to next tests

- 3) Jumper yellow wire to aluminum heatsink.

- 4) If voltage at "C" rises charger PCB is defective.
Pt # 090-6300-001-44 (7 Wire Q Board)
Pt # 91500022 (5 Wire "CC" option Board)
Note** 91500022 5 wire "CC" phase control board is obsolete.
May use 7 wire Q board, but do not use fan control wiring.
Pt # 090-3200-001-44 (4 Wire Board)

- 5) If voltage at "C" does not rise, SCR is defective.
Pt # 1-18526667
Pt # 1-18526725 (35 amp 220 volt SCR "CC" option)

Contact the following RV parts distributor concerning parts availability or converter system replacement options.

Master-Techs Inc.
1-800-848-0558