

RE: APS550 20 foot power module
Priority: HIGH

PROGRAM FOR REPAIRING MAIN LINE CIRCUIT BREAKER AND LOAD CABLING ON SPECIFIC APS550 MODEL POWER MODULES.

NOTE: This program must be administered as soon as possible. Altorfer Packaging suggests that these units are not put out on rent if at all possible. If units are in use, we recommend that they only be used in 480 volt applications and proper circuit breaker trip settings are completed.

Problem: Generator main line circuit breaker load cabling is undersized for low voltage applications.

Problem: Incorrect circuit breaker trip rating plug is oversized for application.

Affected Product: APS550 20 FOOT POWER MODULES; Serial numbers:
EKW01031, EKW01032, EKW01033, EKW01118, EKW01119 AND EKW01120

Parts Needed:

- Qty. (1) 62" long 535 MCM cable assembly for phase 1 of load side of circuit breaker
- Qty. (1) 61" long 535 MCM cable assembly for phase 2 of load side of circuit breaker
- Qty. (1) 54" long 535 MCM cable assembly for phase 3 of load side of circuit breaker
- Qty. (1) 80" long 535 MCM cable assembly for neutral from neutral bar to load pan
- Qty. (1) APS550 circuit breaker trip settings instruction film
- Qty. (1) 2000 amp circuit breaker rating plug
- Qty. (1) bundle cable ties
- Qty. (1) hardware kit that includes the following:
 - (8) ½"x13 hex nut
 - (4) ½"x13x1 ¾" bolts
 - (1) ½"x13x1 ½" bolts
 - (3) ½"x13x2" bolts
 - (8) ½" lock washers
 - (16) ½" flat washers
 - (1) Rating plug removal and replacement instructions

All material will be supplied by Altorfer Packaging to be received no later than **1/5/11**

Please confirm ship to address after receipt of this letter to ensure expedited delivery

We regret the inconvenience this may cause you, but urge you to have this rework performed as soon as possible to prevent unscheduled downtime.

Please contact Josh Sheckler jsheckler@altorfer.com 309-282-2029 or Shay Leskovisek 309-282-2027 sleskovisek@altorfer.com with any questions.

Please send service repair invoice to sleskovisek@altorfer.com

Rework Procedure:

1. Isolate genset before commencing any work on the unit, activate Emergency stop, open genset breaker and disconnect battery cables.
2. Remove rear doghouse cover, top doghouse cover and top load pan access cover
3. Install phase 1 (62" long 535 MCM) cable to phase 1 of bottom side of generator circuit breaker using (1) ½"x13x2" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
4. Interconnect to phase 1 of load pan buss, secure with cable ties as needed, using (1) ½"x13x1 ¾" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
5. Install phase 2 (61" long 535 MCM) cable to phase 2 of bottom side of generator circuit breaker using (1) ½"x13x2" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
6. Interconnect to phase 2 of load pan buss, secure with cable ties as needed, using (1) ½"x13x1 ¾" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
7. Install phase 3 (54" long 535 MCM) cable to phase 3 of bottom side of generator circuit breaker using (1) ½"x13x2" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
8. Interconnect to phase 3 of load pan buss, secure with cable ties as needed, using (1) ½"x13x1 ¾" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
9. Install Neutral (80" long 535 MCM) cable to generator neutral bar located on top side of generator barrel using (1) ½"x13x1 ½" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.
10. Interconnect to load pan neutral buss, secure with cable ties as needed, using (1) ½"x13x1 ¾" bolt, (1) ½"x13 hex nut, (1) ½" lock washer and (2) ½" flat washers, Torque bolt to 75 foot pounds.

11. Install circuit breaker trip settings film at location shown in picture below



12. Remove 2500 amp circuit breaker rating plug and replace with 2000 amp circuit breaker rating plug per the procedure included in hardware kit

13. Take pictures of completed procedure along with package serial number and email to sleskovisek@altorfer.com

14. Clear generator area, reconnect batteries, and release emergency stop.

15. Run functional test on genset