

THESE INSTRUCTIONS ARE APPLICABLE FOR INSTALLING AND/OR REPLACING THE AUXILIARY RELAY ALARM CARD (A5) FOR ANY AT10.1 SERIES BATTERY CHARGER RATED 6-25A OUTPUT (GROUP I)

WARNING:
DISCONNECT AND LOCK OUT ALL POWER TO THE BATTERY CHARGER BEFORE STARTING ANY MAINTENANCE PROCEDURES. TURN THE AC POWER OFF AT THE DISTRIBUTION PANEL UPSTREAM FROM THE BATTERY CHARGER. DISCONNECT THE BATTERY FROM THE CHARGER OUTPUT TERMINALS. THIS INCLUDES REMOTE SENSE WIRES IF THEY WERE INSTALLED.

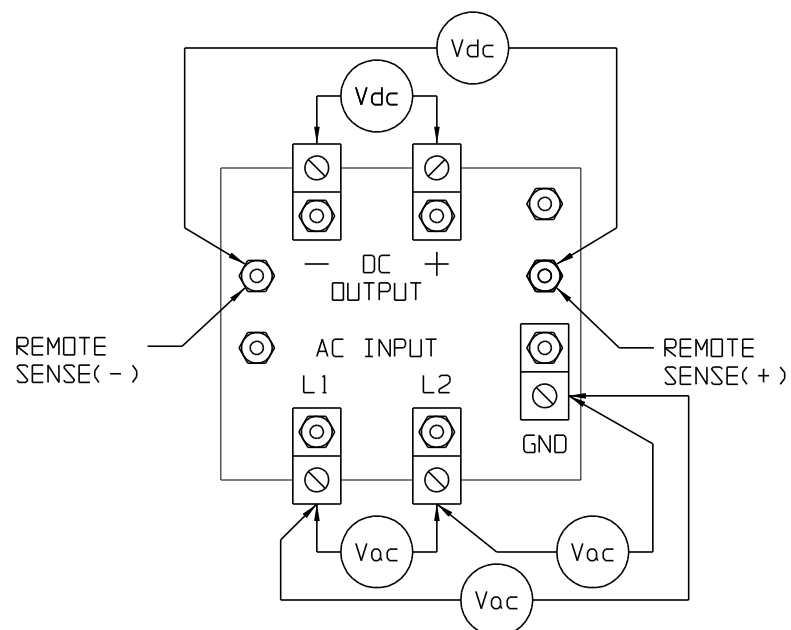
STEP 1. UPON OPENING THE PACKAGE, PLEASE INSPECT AND CHECK THE FOLLOWING ITEMS:

- (1) EN0027-00 AUXILIARY RELAY ALARM CARD (A5)
- (1) EH0721-00 INTERCONNECTION CABLE ASSEMBLY
- (4) PE0243-00 PC BOARD STAND-OFF 0.5in LONG
- (4) PE0032-02 SELF TAPPING SCREWS 6-32 x 0.25
- (1) PE0165-11 RUBBER GROMMET TO FIT 1.375in HOLE
- (6) PE0082-01 CABLE TIE 4in LONG
- (1) FE0599-80 AT10.1 PENTHOUSE SHROUD *
- (1) FE0600-80 AT10.1 PENTHOUSE TOP *
- (1) FE0601-80 AT10.1 PENTHOUSE BLANK PANEL *
- (14) PE0291-01 SELF TAPPING SCREWS 8-32 x 0.5 TYPE-F *

NOTE: (*) IF YOUR CHARGER HAS A PENTHOUSE INSTALLED, THESE ITEMS WILL NOT BE SUPPLIED IN YOUR PACKAGE.

IF YOUR CHARGER HAS A PENTHOUSE INSTALLED, STEP 6 HAS BEEN DONE AT THE FACTORY FOR YOUR CONVINIENCE.

STEP 2) READ "WARNING" ABOVE. PERFORM ALL INSTRUCTIONS AS DESCRIBED. REMOVE SAFETY COVER. USING A VOLTMETER, VERIFY THAT ALL POTENTIAL VOLTAGES ON THE I/O PANEL ARE ZERO.

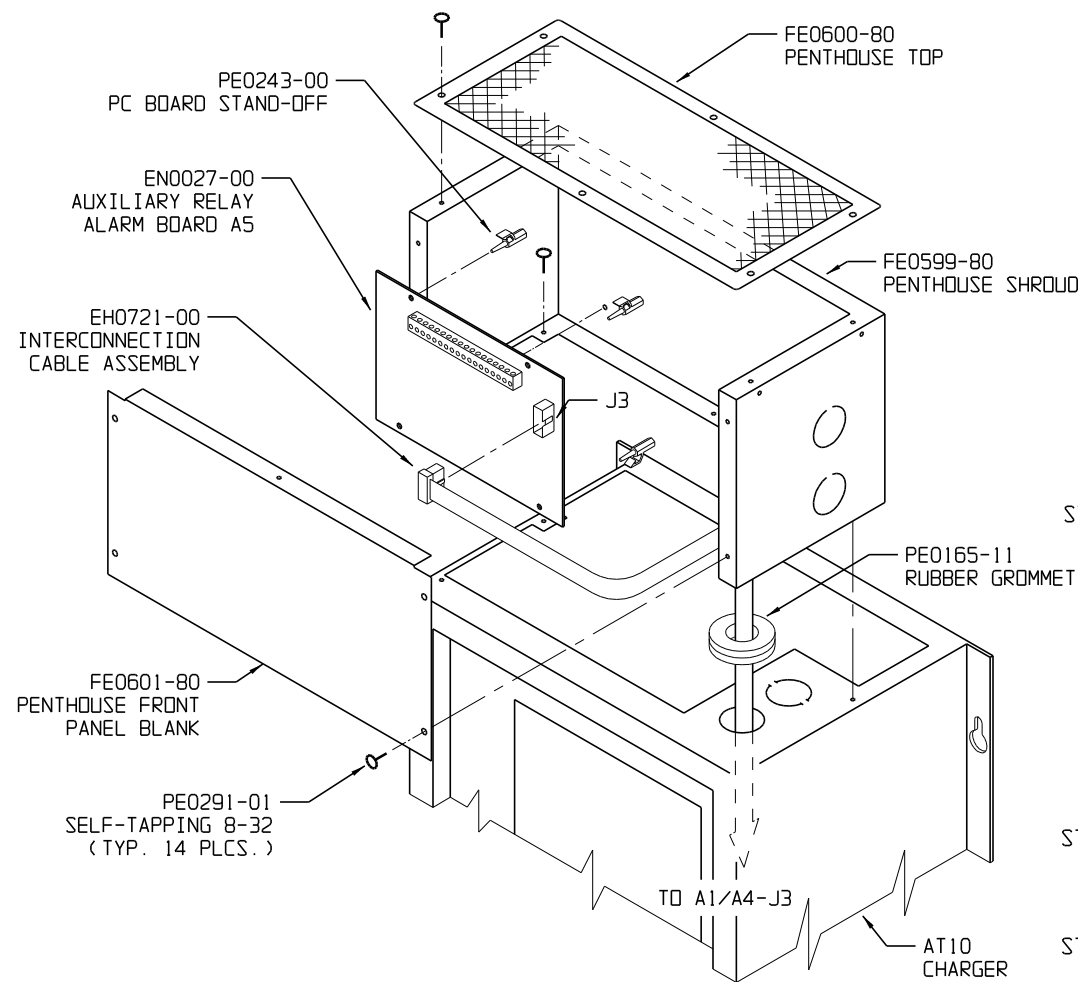


STEP 3) IF YOUR CHARGER HAS A PENTHOUSE INSTALLED, REMOVE TOP AND FRONT PANELS, CAREFULLY LET FRONT PANEL HANG FROM WIRES CONNECTED TO TERMINAL BLOCKS.

STEP 4) MOUNT PE0243-00 PC BOARD STAND-OFFS TO FE0599-00 PENTHOUSE SHROUD USING PE0032-02 SELF TAPPING 6-32 x 0.25 SCREWS. CHECK ORIENTATION OF THE STAND-OFFS WITH RELATION TO THE PC BOARD EDGES BEFORE TIGHTENING THE SCREWS.

STEP 5) ON THE BATTERY CHARGER, OPEN ONE OF THE TOP KNOCKOUT HOLES, INSTALL PE0165-11 RUBBER GROMMET INTO THE OPEN HOLE. IF YOUR CHARGER HAS A PENTHOUSE INSTALLED, USE THE UN-USED KNOCKOUT HOLE AND INSTALL THE SUPPLIED RUBBER GROMMET.

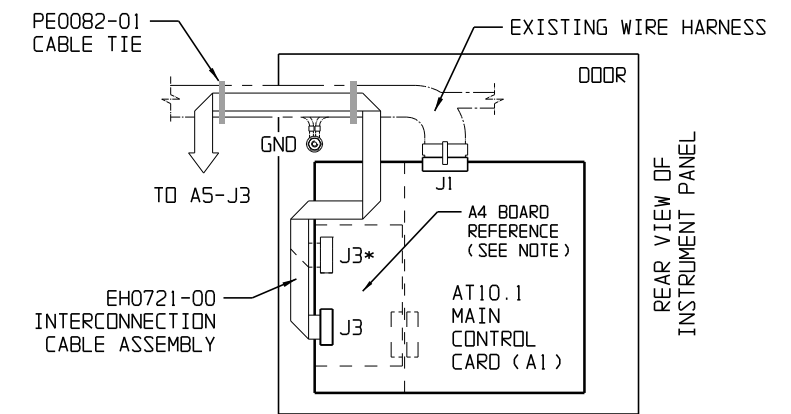
STEP 6) MOUNT PENTHOUSE ASSEMBLY ON TOP OF THE CHARGER AS SHOWN, MAKE SURE OF THE ALIGNMENT OF THE HOLES BETWEEN CHARGER AND BOTTOM OF PENTHOUSE. (BOTTOM OF PENTHOUSE IS IDENTIFIED BY A NOTCH ON ONE SIDE) SECURE PENTHOUSE USING FOUR PE0291-01 SELF TAPPING SCREWS 8-32 x 0.5 IN.



STEP 7) REMOVE PC BOARD FROM ITS ANTI-STATIC CARRIER PLATIC BAG, VERIFY THE JUMPER SETTING OF J7 ON A5 MATCH THE DC OUTPUT VOLTAGE OF YOUR BATTERY CHARGER. !! VERY IMPORTANT !!

ALWAYS HANDLE PC BOARD BY THEIR EDGES, CHECK PROPER ORIENTATION AND ALIGN BOARD HOLES WITH PLASTIC STAND-OFF GUIDE POST AND PUSH FIRMLY UNTIL THE STAND-OFF CLIP HOLDS THE PC BOARD ON THE FOUR MOUNTING PLACES.

STEP 8) INSTALL EH0721-00 INTERCONNECTION CABLE. CONNECT ONE END OF THE CABLE TO J3 ON A5 AUXILIARY RELAY PC BOARD AS SHOWN, CHECK ORIENTATION OF THE CONNECTOR AND HOUSING, THEN PUSH FIRMLY. PASS THE OTHER END OF CABLE THROUGH THE RUBBER GROMMET. FULLY OPEN THE AT10'S DOOR AND CONNECT THE OTHER END OF THE CABLE TO J3 (SEE NOTE BELOW) ON EITHER THE A4 PRIMARY ALARM PC BOARD (OLDER UNITS) OR THE A1 MAIN CONTROL BOARD (NEWER UNITS). AGAIN CHECK ORIENTATION AND ALGNMENT OF CONNECTOR AND HOUSING AND PUSH FIRMLY. SECURE CABLE ASSEMBLY TO THE EXISTING WIRE HARNESS USING PE0082-01 CABLE TIES.



NOTE: (*) ON OLDER AT10 SERIES BATTERY CHARGERS, J3 IS FEATURED ON A SEPERATE PRIMARY ALARM BOARD (A4).

STEP 9) CHECK YOUR WORK, READ ALL THE STEPS AGAIN AND MAKE SURE THAT ALL THE INSTRUCTIONS UP TO THIS POINT WERE PERFORMED. PLEASE CHECK THE FOLLOWING:

- ALL STAND-OFF LATCHES ARE PROPERLY HOLDING THE BOARD.
- CONNECTOR AND HOUSING PROPERLY MATED AT BOTH END OF CABLE.
- CABLE ASSEMBLY PROPERLY SECURE TO EXISTING WIRE HARNESS.
- VERIFY THE JUMPER SETTING OF J7 ON A5 MATCH THE DC OUTPUT VOLTAGE OF YOUR BATTERY CHARGER. VERY IMPORTANT.

STEP 10) INSTALL FRONT AND TOP PANELS OF THE PENTHOUSE USING THE REMAINING SELF TAPPING SCREWS 8-32 x 0.5 IN. (THE SHORT BEND ON THE FRONT PANEL INDICATE THE TOP).

STEP 11) REPLACE SAFETY SHIELD IF NOT DONE. CLOSE DOOR AND PROCEED TO RE-ENERGIZE THE AT10 PER START-UP INSTRUCTIONS ACCORDING WITH THE AT10 USER'S MANUAL. CONSULT AT10 USER'S MANUAL FOR OPERATION OF AUXILIARY RELAY ALARM CARD (A5).

				THIRD ANGLE PROJECTION			
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