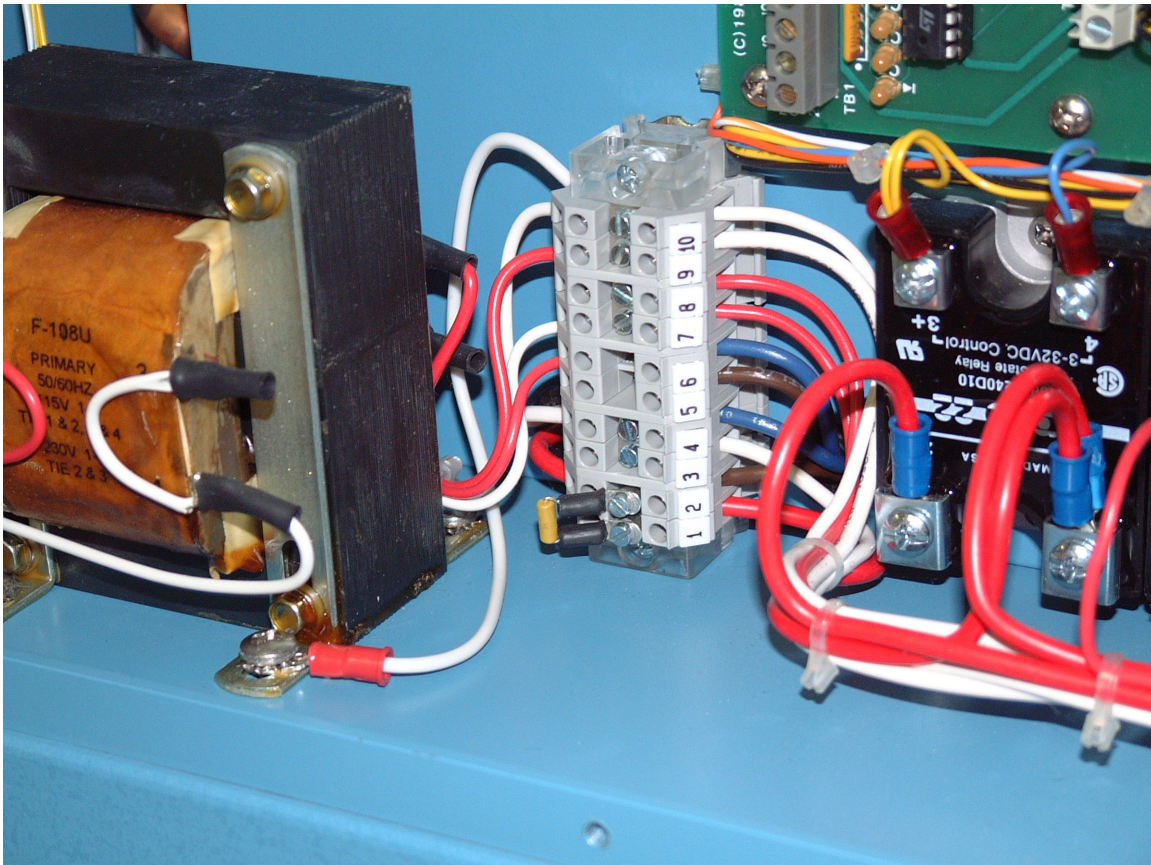


Humidity Generation and Calibration Equipment

THUNDER SCIENTIFIC
CORPORATION THE HUMIDITY SOURCE

Model 2500

TB1 Transformer Fusing & Grounding Upgrade Modification



Tech Support Document TSD-0210
Revision Date: September 27, 2001

623 WYOMING BLVD. SE

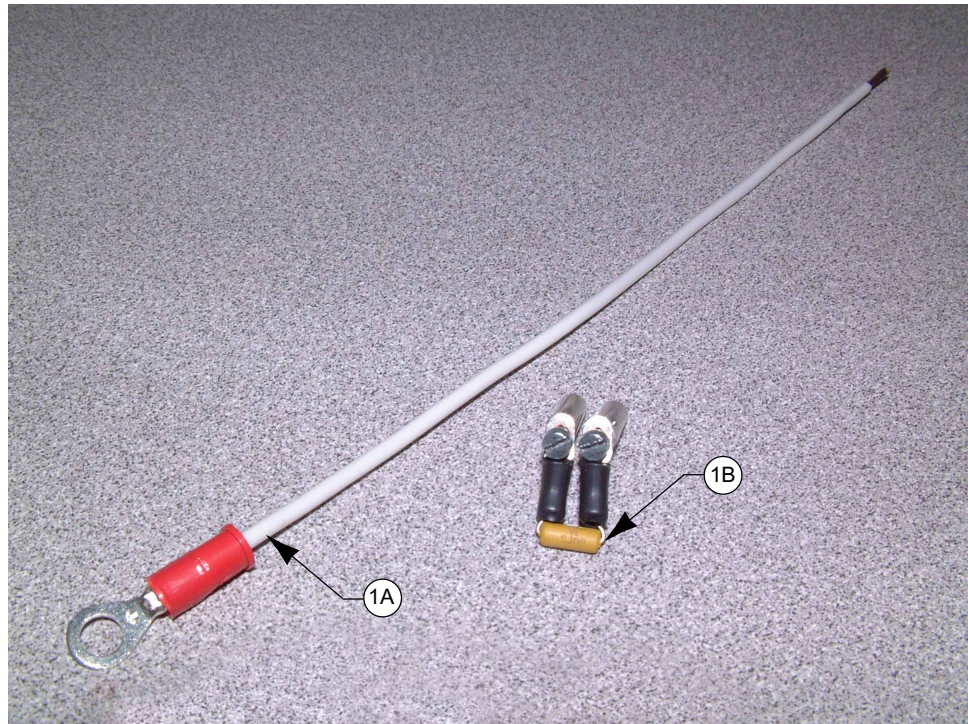


ALBUQUERQUE, NM 87123-3198
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FAX: 505.266.6203

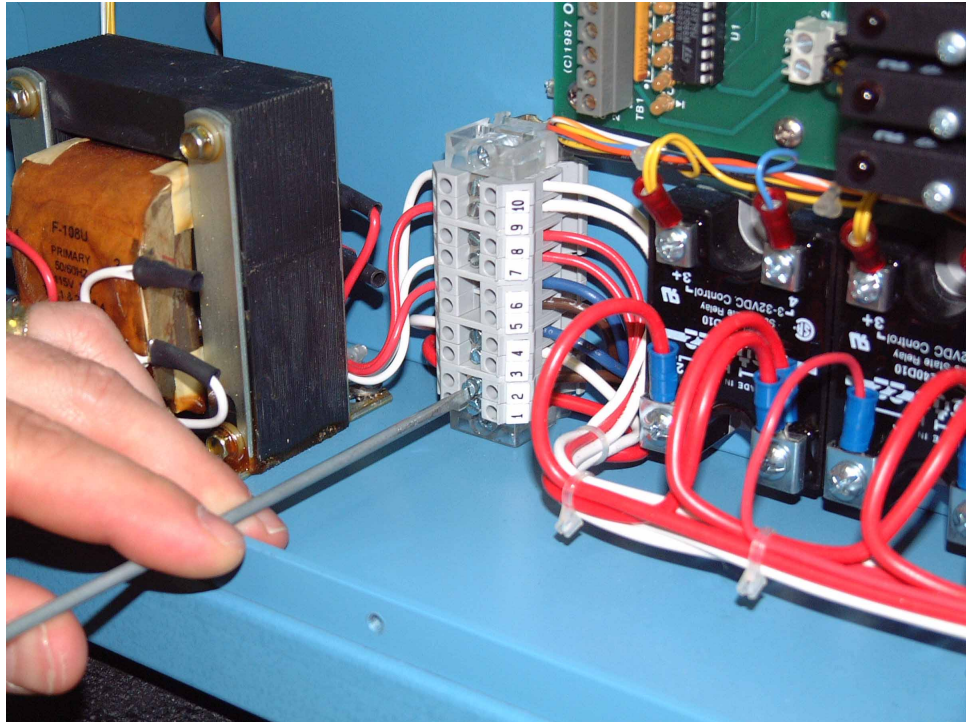
1. Parts required for service modification.
 - 1A. Grounding wire
 - 1B. Fuse and link terminal screws



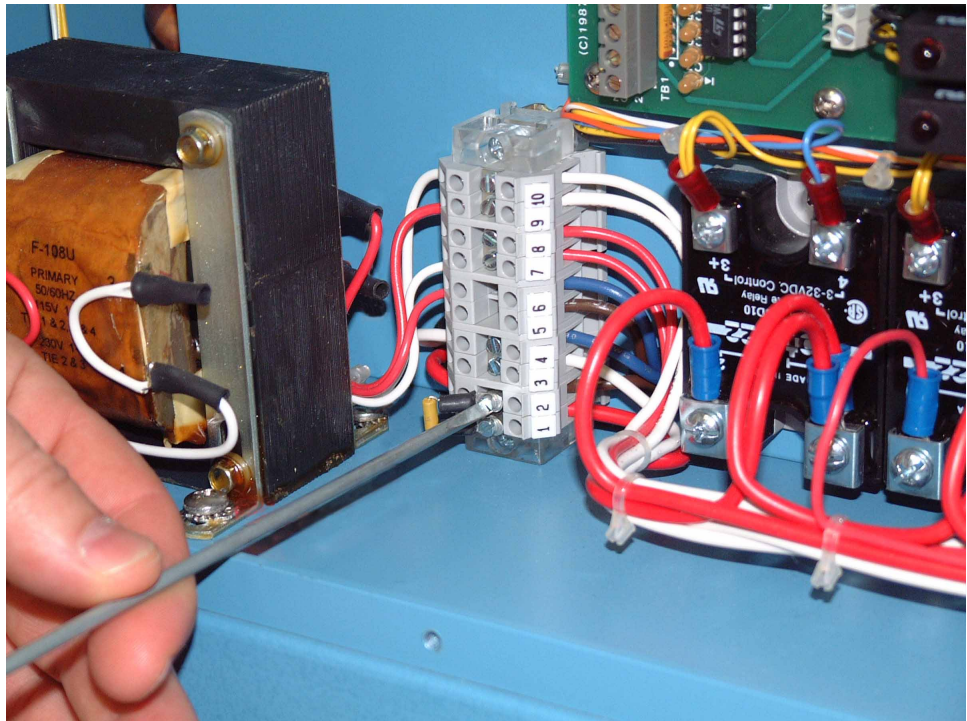
2. Turn the power switch off and unplug the system. Next remove the electrical front panel (lower left) from system.



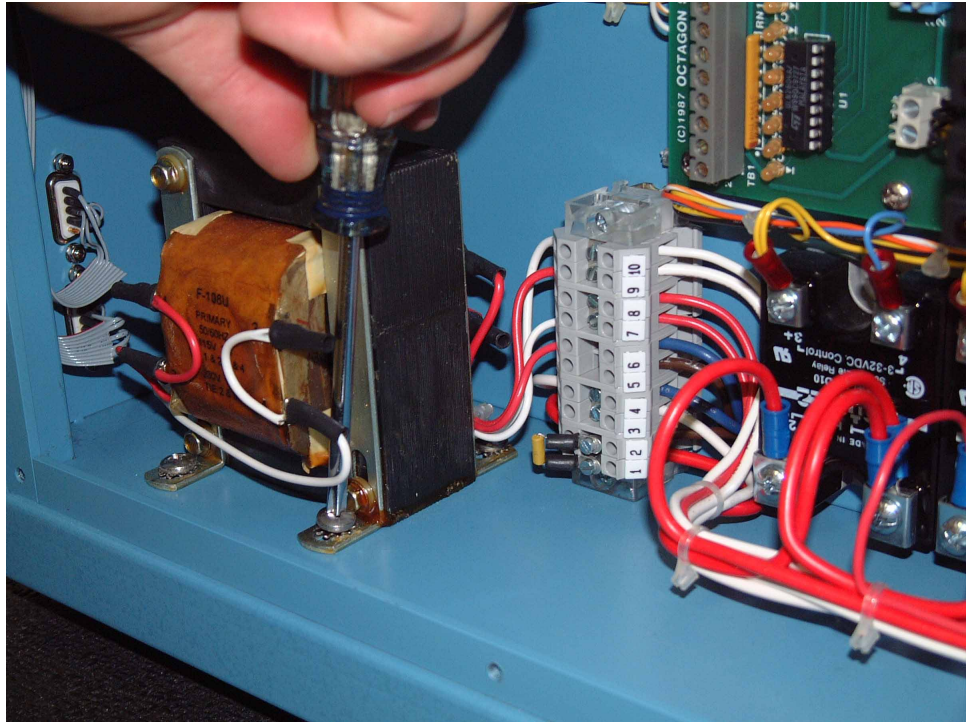
3. Locate and remove terminal jumper at TB1-1 and TB1-2.



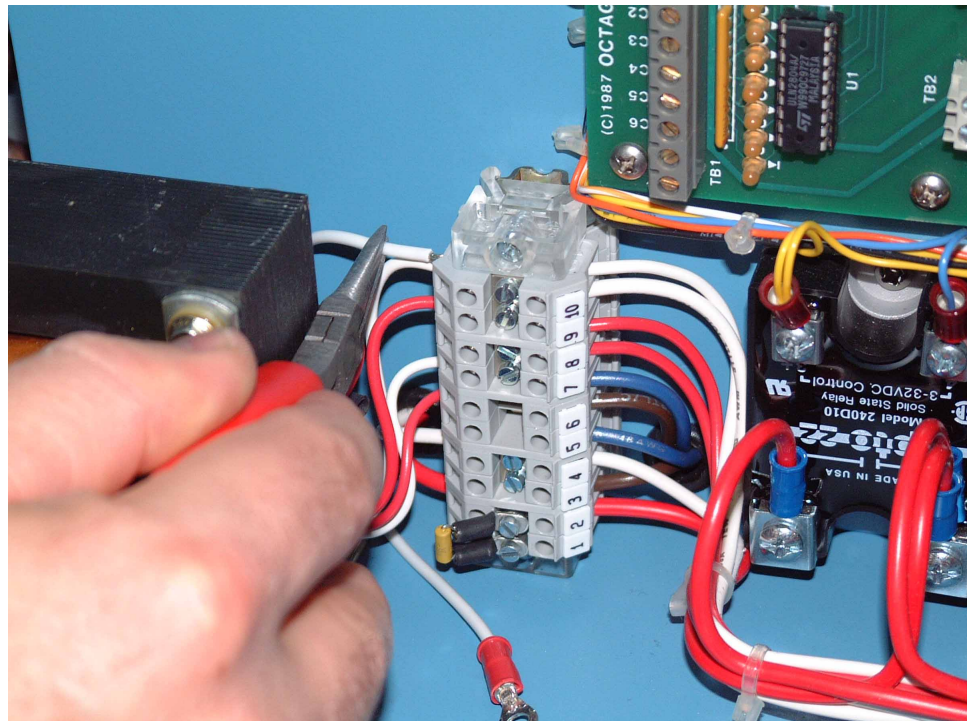
4. Install fuse link FS1 at terminals TB1-1 and TB1-2 as shown.



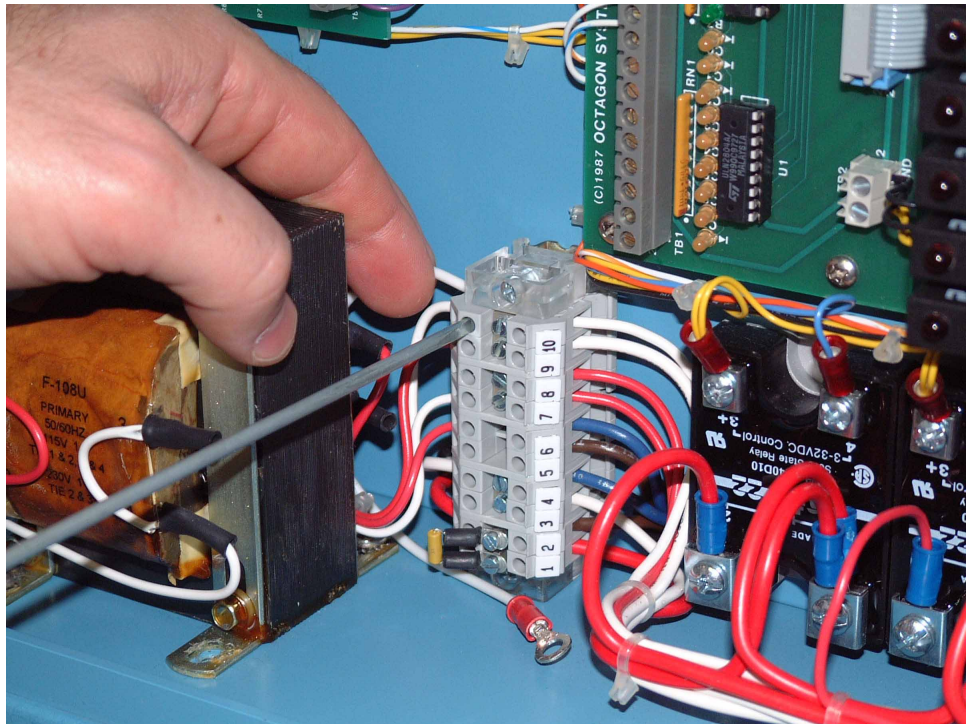
5. Remove the right front mounting screw from the transformer TR1.



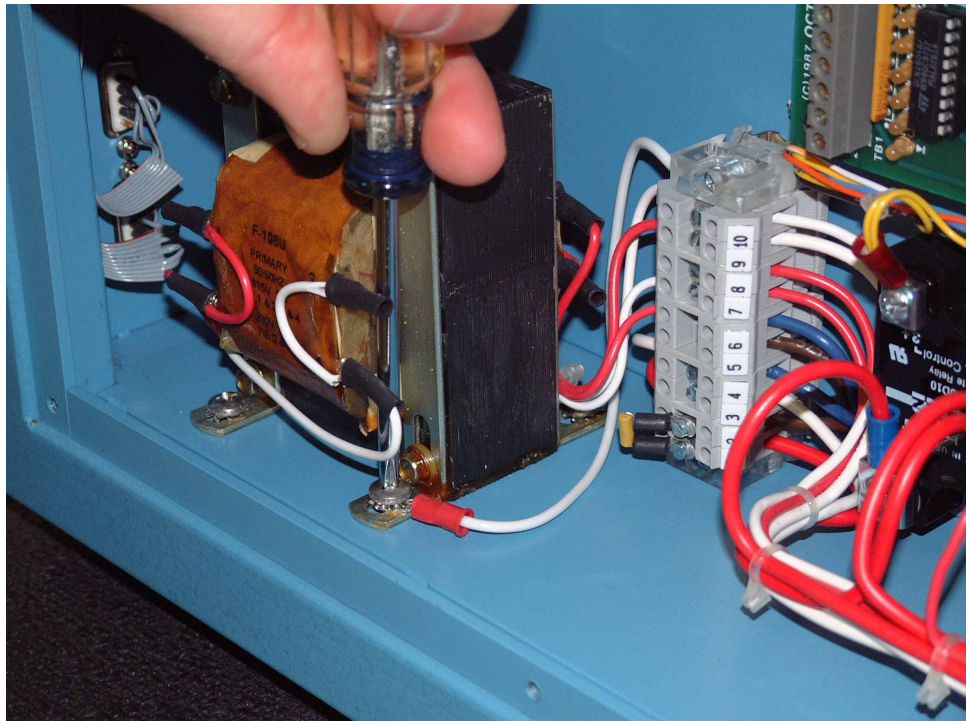
6. Loosen the screw on the left side of terminal TB1-10. Then insert the pigtail end of the white wire supplied, into TB1-10.



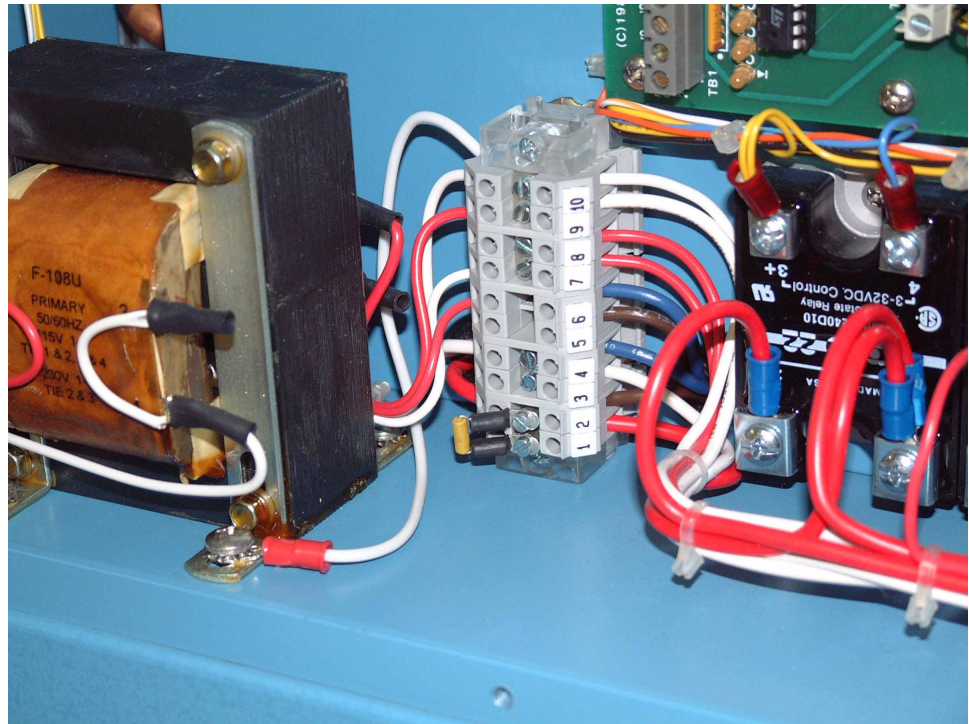
7. Tighten terminal TB1-10 screw to secure the wire the in terminal.



8. Secure crimped terminal end of the white wire by using the same mounting screw from the transformer (TR1).

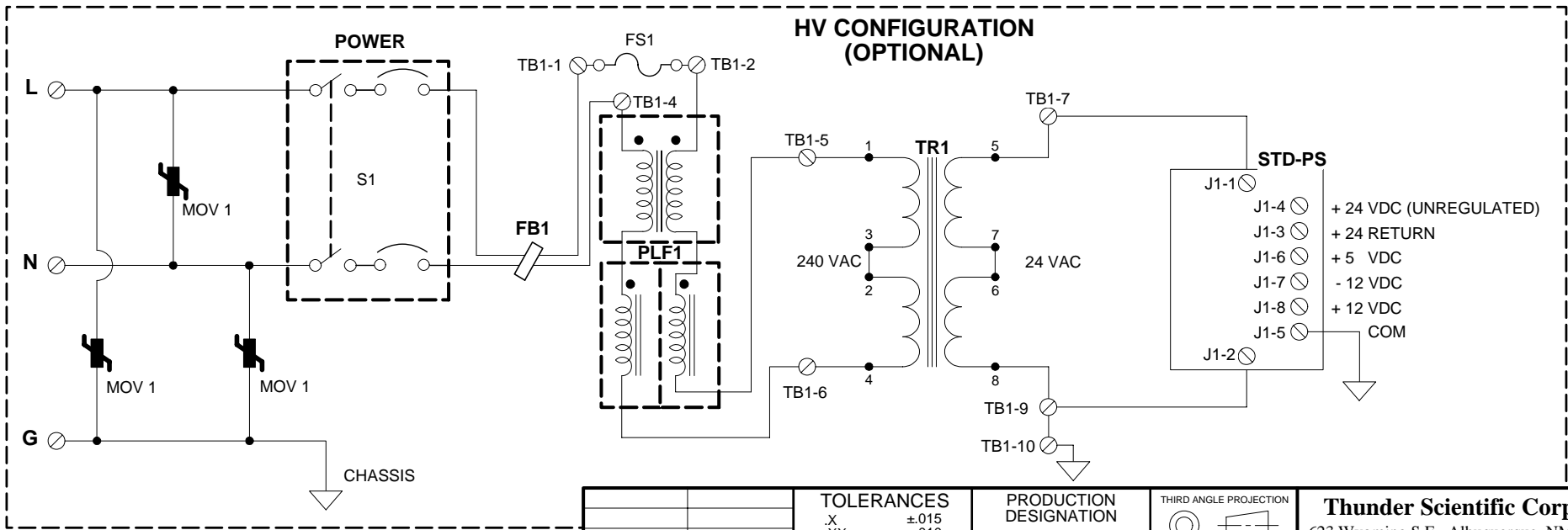
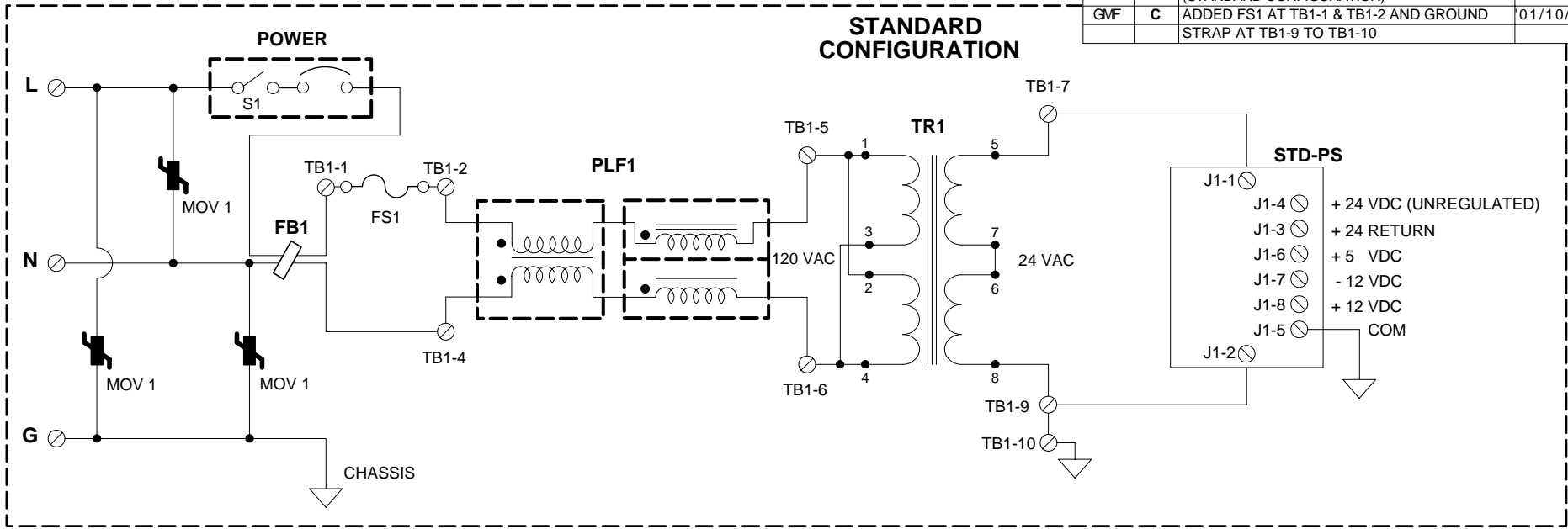


9. Finished service modification should resemble this photo.



10. Use reference drawing number S91A010 revision C, on the next page to help guide installation.

REVISIONS				
DWN	REV	DESCRIPTION	DATE	APPROVED
GMF	A	ADDED PLF1, FB1, & THREE MOV1'S TO (OPT.)	96/05/31	<i>MB</i>
GMF	B	ADDED PLF1, FB1, & THREE MOV1'S TO (STANDARD CONFIGURATION)	96/09/18	<i>MB</i>
GMF	C	ADDED FS1 AT TB1-1 & TB1-2 AND GROUND STRAP AT TB1-9 TO TB1-10	01/10/27	<i>MB</i>



		TOLERANCES .X ±.015 .XX ±.010 .XXX ±.005 / ±0.50° <small>UNLESS OTHERWISE SPECIFIED</small>		PRODUCTION DESIGNATION 		Thunder Scientific Corporation 623 Wyoming S.E. Albuquerque, NM 87123-3198	
2500		UNLESS OTHERWISE SPECIFIED		DRAWN LONG		DATE '91/06/01	
NEXT ASSY	USED ON	TREATMENT		CHECKED <i>MB</i>		'91/06/01	
APPLICATION		FINISH		ISSUED		'91/06/01	
				SCALE 1:1		WEIGHT	
				SHEET 1 OF 1		AC/DC POWER SCHEMATIC DWG SIZE DWG NO. S91A010 REV C	