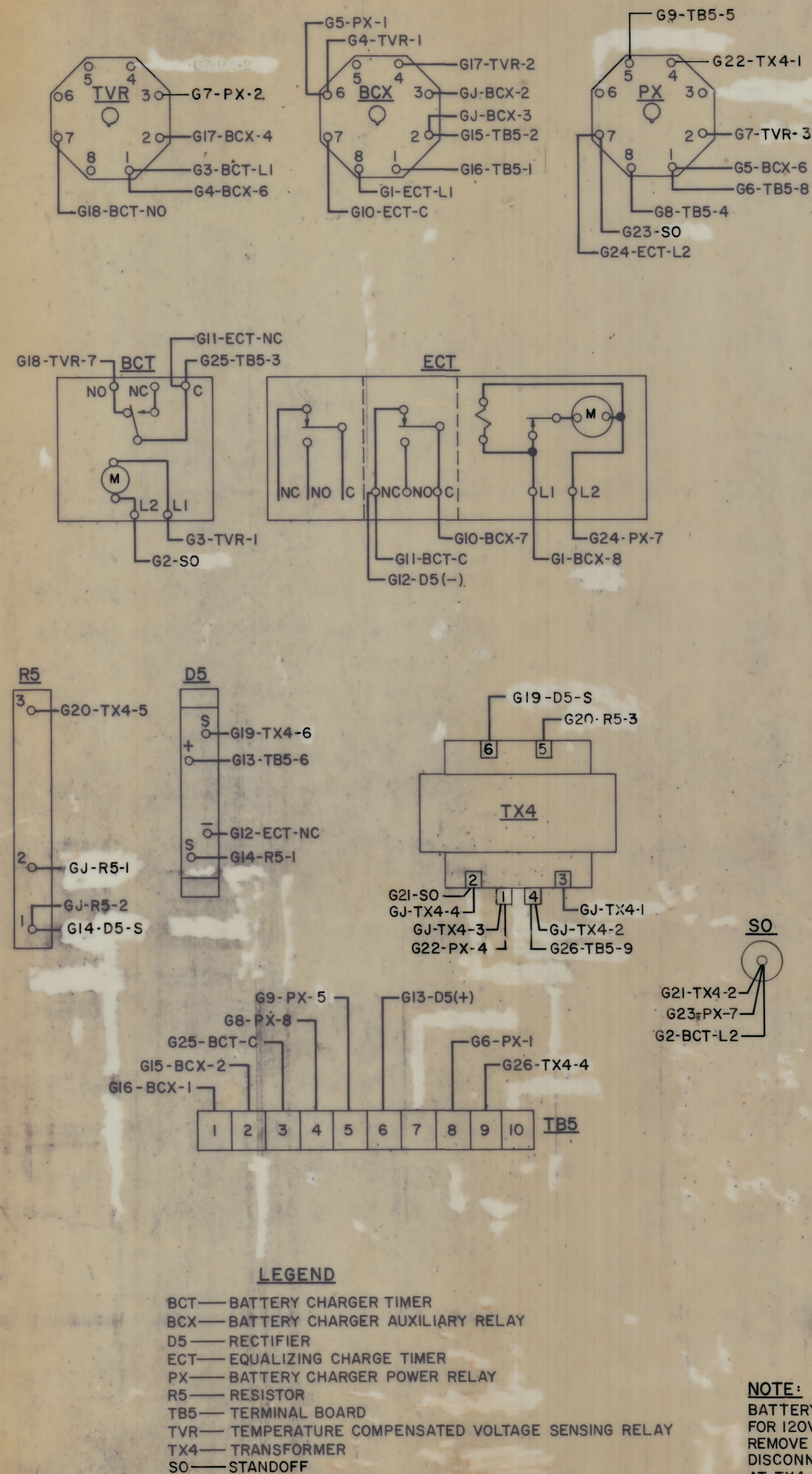


BATTERY CHARGER WIRING DIAGRAM



LEGEND

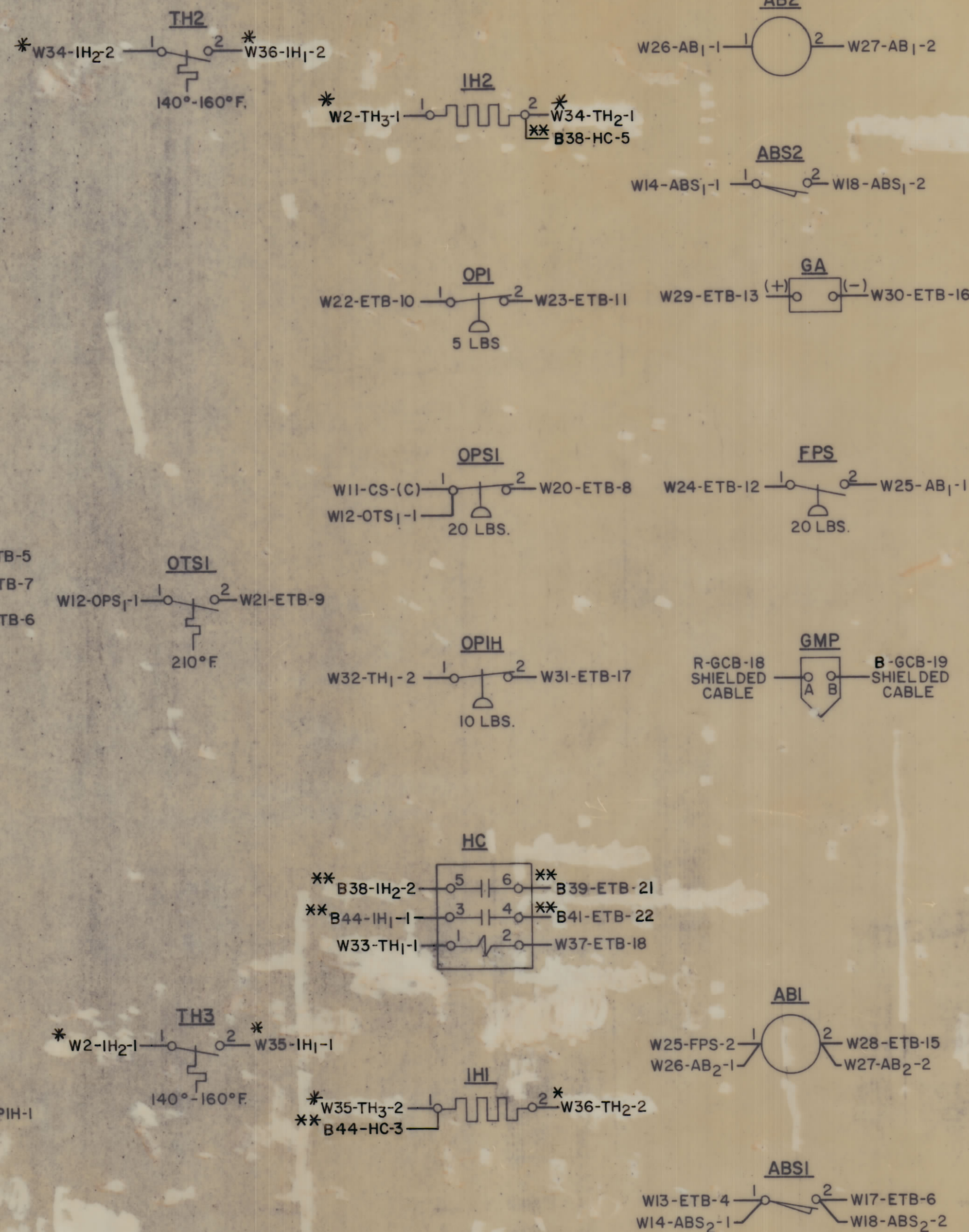
- BCT—BATTERY CHARGER TIMER
- BCX—BATTERY CHARGER AUXILIARY RELAY
- D5—RECTIFIER
- ECT—EQUALIZING CHARGE TIMER
- PX—BATTERY CHARGER POWER RELAY
- R5—RESISTOR
- TB5—TERMINAL BOARD
- TVR—TEMPERATURE COMPENSATED VOLTAGE SENSING RELAY
- TX4—TRANSFORMER
- SO—STANDOFF

RELAY CONTACT & COIL CONNECTIONS



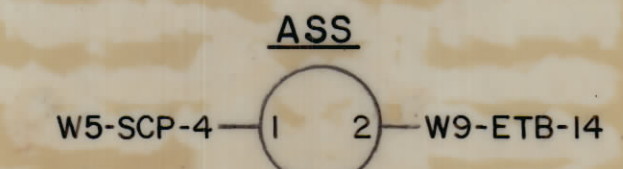
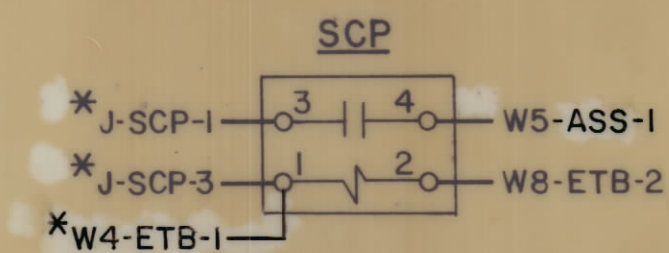
NOTE:
BATTERY CHARGER IS SHOWN CONNECTED FOR 120VAC INPUT. FOR 240VAC OPERATION REMOVE GJ AT TX4-4, GJ AT TX4-2. DISCONNECT GJ AT TX4-1 AND RECONNECT AT TX4-2. DISCONNECT G26 AT TB5-9 AND RECONNECT AT TB5-7.

ENGINE WIRING DIAGRAM



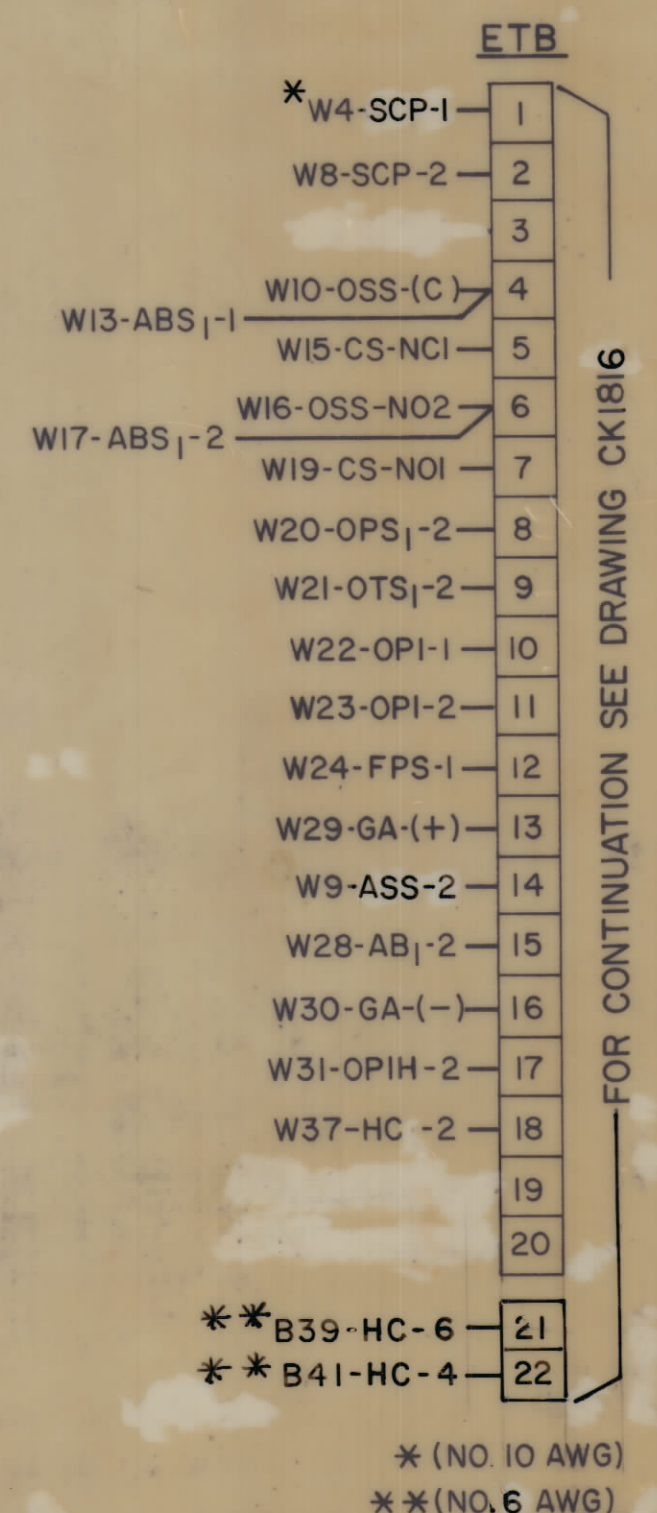
NOTE:
ALL WIRE IS NO.14AWG UNLESS OTHERWISE SPECIFIED

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	DRAFT	CHK'D	APPD
A		ADDED ETB 21 & 22 REVISED HC-3,4,5 & 6	6/18/73	ESF	WJ	R.C.
B		CHANGED #10AWG TO #14AWG ON ASS' CONN.	7/13/73	ESF	WJ	
C		REVISED PX & TVR & CHANGED AS PER AAF 536 LETTER DATED JULY 6 1973	7/27/73	ESF	WJ	



LEGEND

- AB1—AIR BOX DAMPER SOLENOID NO.1
- AB2—AIR BOX DAMPER SOLENOID NO.2
- ABS1—AIR BOX SWITCH NO.1
- ABS2—AIR BOX SWITCH NO.2
- CS—CRANKING SPEED SWITCH
- ETB—ENGINE TERMINAL BOARD
- FPS—FUEL PRESSURE SWITCH
- GA—GOVERNOR ACTUATOR
- GMP—GOVERNOR MAGNETIC PICKUP
- HCI—HEATER CONTACTOR NO.1
- HC2—HEATER CONTACTOR NO.2
- IH1—IMMERSION HEATER NO.1
- IH2—IMMERSION HEATER NO.2
- OPI—OIL PRESSURE INTERLOCK SWITCH
- OPSI—OIL PRESSURE SWITCH
- OPIH—IMMERSION HEATER CUT-OUT SWITCH
- OSS—OVERSPEED SWITCH
- OTSI—OVER TEMPERATURE SWITCH NO.1
- ASS—AIR START SOLENOID
- SCP—STARTER CONTACTOR PILOT RELAY
- TH1—THERMOSTAT NO.1
- TH2—THERMOSTAT NO.2
- TH3—THERMOSTAT NO.3



QTY REQ	QTY	QTY REQ	ITEM	PART NO.	MANUFACTURER	DESCRIPTION	SYM
PARTS LIST							
THE TMC SYSTEMS AND POWER CORPORATION SPRINGFIELD, VIRGINIA							
ENGINE & BATTERY CHARGER WIRING DIAGRAMS 500KW - 120/208 VAC							
DRAWN: FERNANDEZ DATE: 4/11/73				DATE: 4/11/73			
CHECKED: <i>CRB</i>				DATE: 23 MAY 73			
D. ENG. <i>WJ</i>				DATE: 6-1-73			
P. ENG. <i>CRB</i>				DATE: 23 MAY 73			
P. MGR.				DATE:			
CHIEF, ENG. DEPT. <i>WJ</i>				DATE: 23 MAY 73			
TMC QA				DATE: 27-73			
FAA QRO <i>White</i>				DATE: 7-73			
SIZE	CODE IDENT NO	DWG. NO.	REV				
D	24146	CK1819	C				
SCALE	NONE	SHEET		OF 1			

INTERPRET DRAWING PER LISTED DOCUMENTS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES REMOVE ALL BURRS AND SHARP EDGES	
DIMENSIONING	MIL - STD - 8	FRACTIONS	ANGLES DECIMALS
SURFACE ROUGHNESS	MIL - STD - 10		
ABBREVIATIONS	MIL - STD - 12		
ELECTRONIC SYMBOLS	MIL - STD - 15		
WELDING SYMBOLS	JAN - STD - 19		
APPLICATION			
NOTICE TO PERSONS RECEIVING THIS DRAWING			
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