

LEGEND

AH - ALARM HORN
 AHC - ALARM HORN CONNECTOR
 ALT - DC CHARGE ALTERNATOR
 BCC - BATTERY CHARGER CONNECTOR
 BCH - BATTERY CHARGER
 CO - CROSSOVER CONNECTOR
 CT - CURRENT TRANSFORMER
 CTC - CURRENT TRANSFORMER CONNECTOR
 DB - DIODE BRIDGE
 DS - DOOR SWITCH
 DSC - DOOR SWITCH CONNECTOR
 EGC - ELECTRONIC GOVERNOR CONTROL
 EGCR - EGC RELAY
 EM - (I/O) EXTENDER MODULE
 ESC - EMERGENCY STOP CONNECTOR
 ESJ - EMERGENCY STOP JUMPER
 EXC - ALT EXCITATION CONNECTOR
 FB - FUSE BLOCK
 FLS - FUEL LEVEL SENDER
 GA - GOVERNOR ACTUATOR
 GFB - GENERATOR FLUID BASIN
 GND - GROUND BAR CONNECTION
 GP - GLOW PLUG
 LD - LEAK DETECTOR (FUEL TANK)
 MLCB - MAIN LINE CIRCUIT BREAKER

MPU1 - MAGNETIC PICKUP
 OPS - OIL PRESSURE SENDER
 OTS - OIL TEMPERATURE SENDER
 PHC - PRE-HEAT CONTACTOR
 PZ - POWER ZONE 410 CONNECTOR
 R - RESISTOR
 RB - RELAY BOARD
 RB_A - RELAY BOARD CONNECTOR
 RCA - RELAY COMMON ALARM
 RFH - RELAY FUEL LEVEL HIGH ALARM
 RFL - RELAY FUEL LEVEL LOW ALARM
 SC - START CONTACTOR
 SM - STARTER MOTOR
 SSW - STOP SWITCH
 TB - TERMINAL BLOCK
 TC - TRICLOPS LED PANEL
 VSC - VOLTAGE SENSING CONNECTOR
 WLS - COOLANT LEVEL SENDER
 WTS - COOLANT TEMPERATURE SENDER

NOTE: ALL WIRES 18 AWG
600V UL LISTED UNLESS
SHOWN OTHERWISE

AWG SIZE

12

AWG SIZE

12

AWG SIZE

12

AWG SIZE

12

AWG SIZE

12

AWG SIZE

12

AWG SIZE

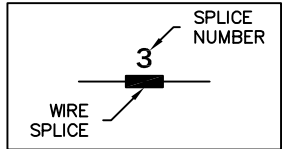
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AWG SIZE

12

AWG SIZE

12

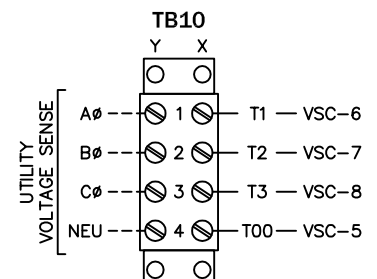
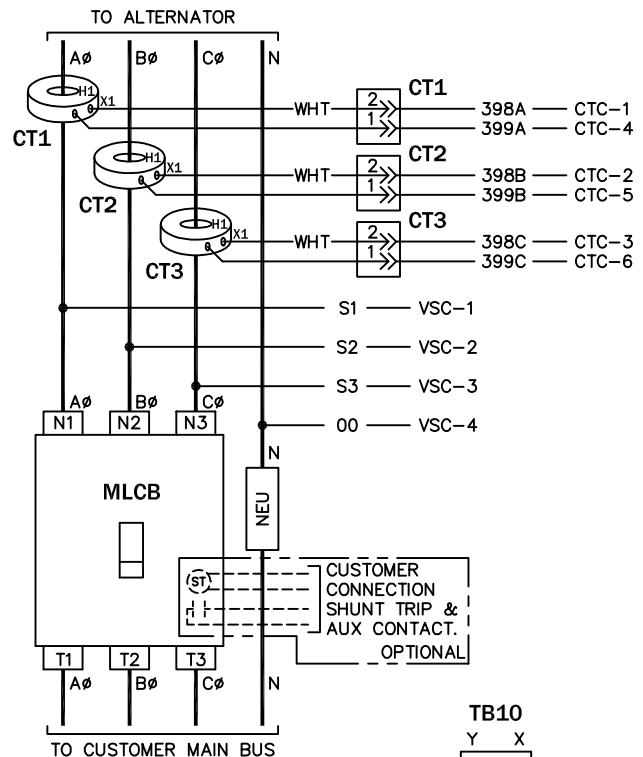
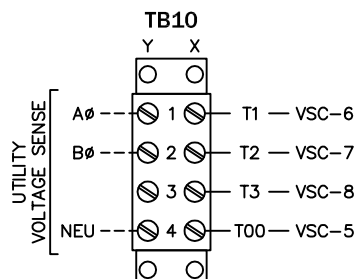
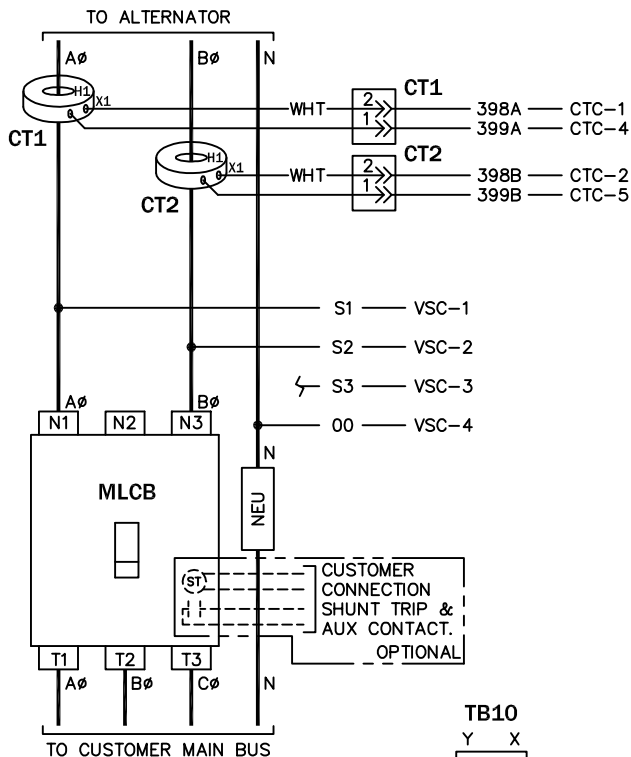


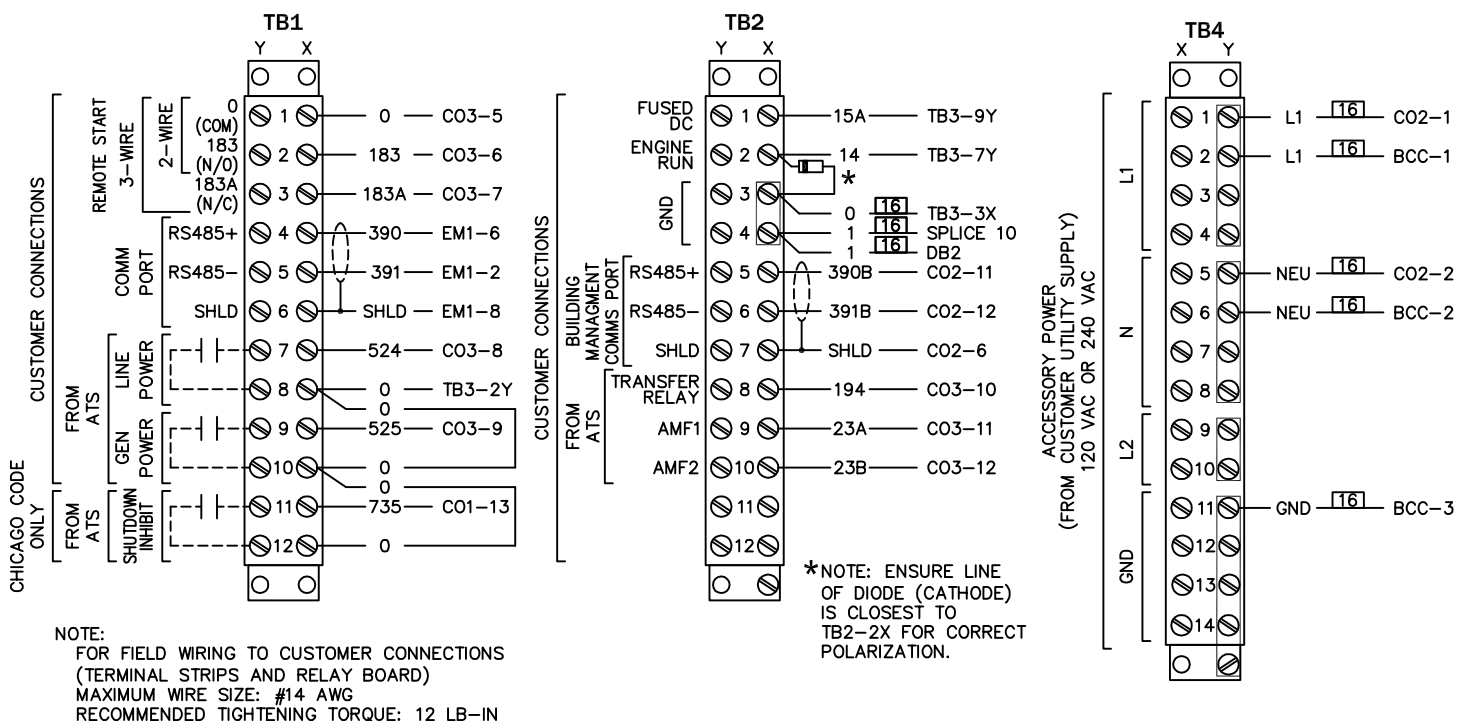
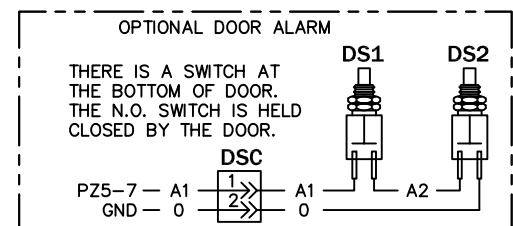
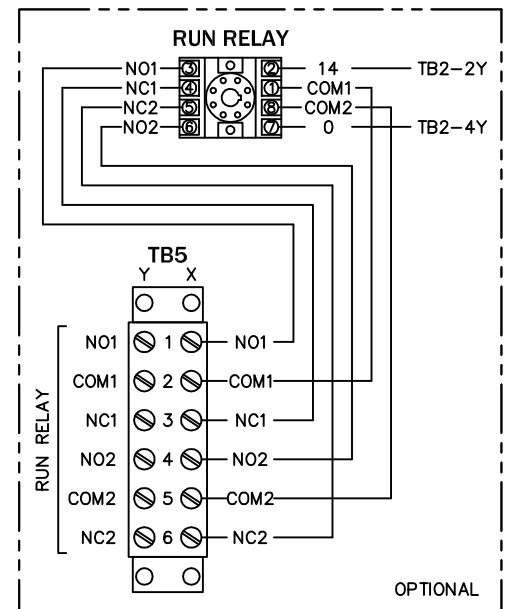
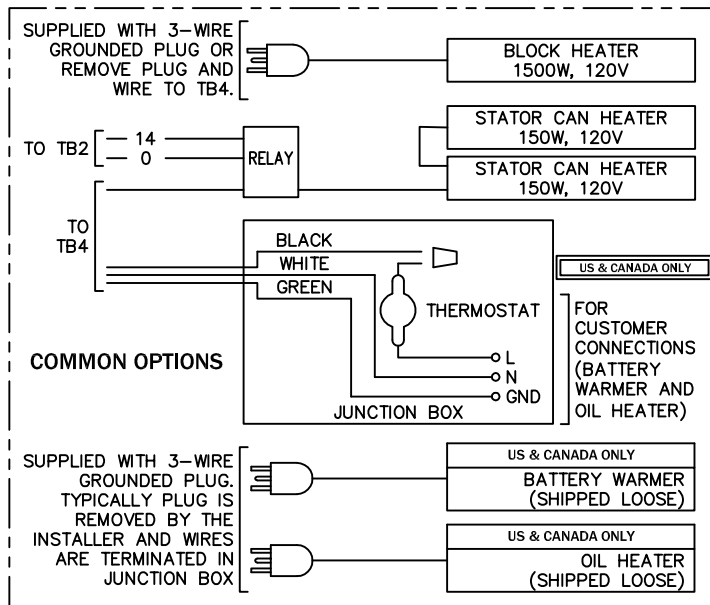
COMPONENTS LOCATED IN HIGH VOLTAGE CUSTOMER CONNECTION MODULE

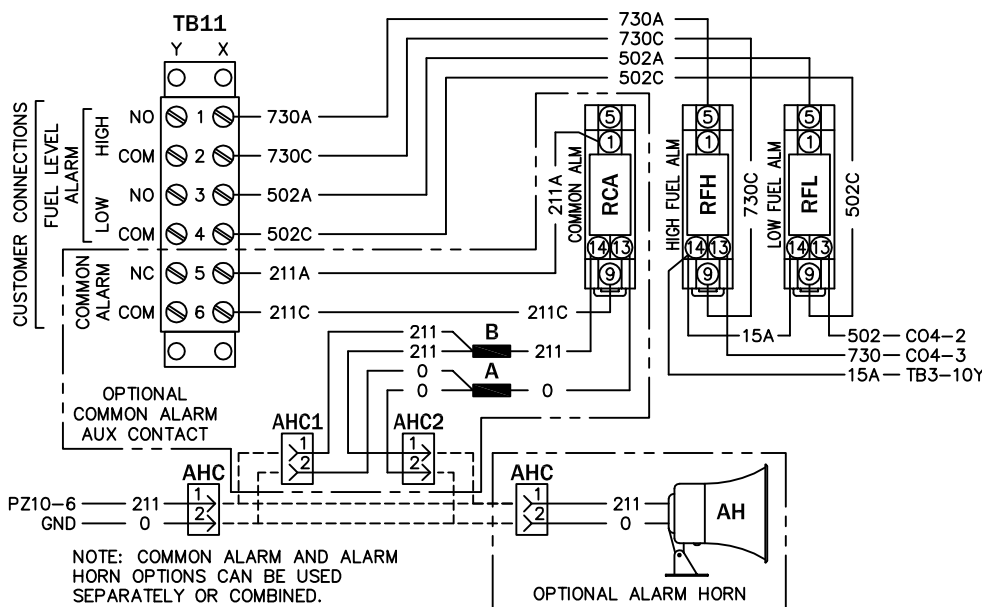
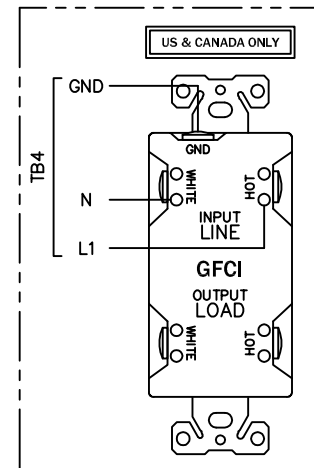
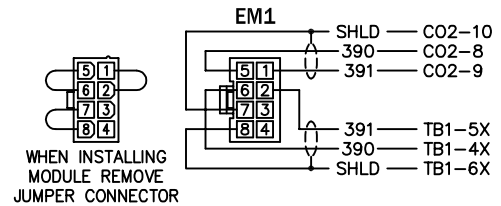
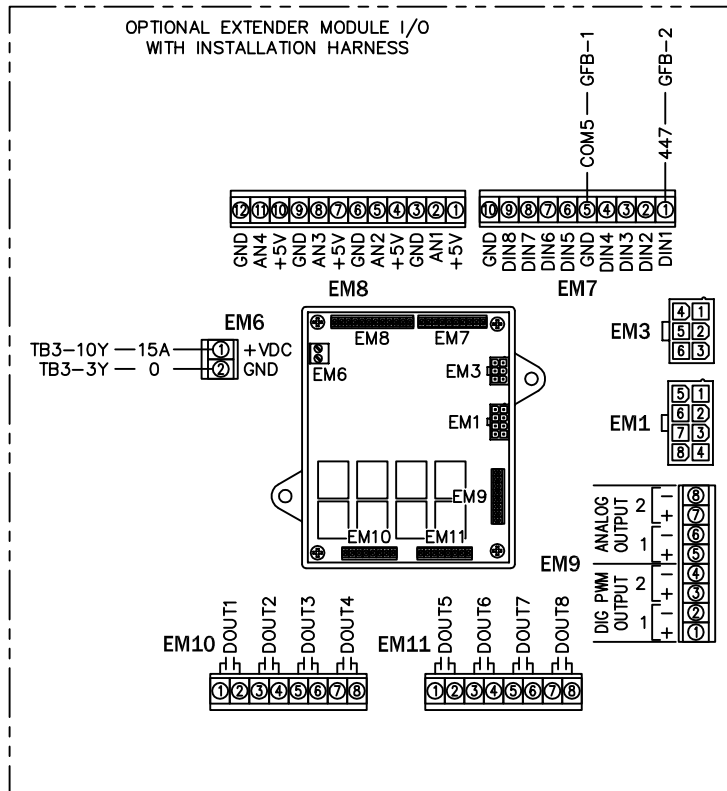
CONNECTIONS FOR 1Ø UNIT

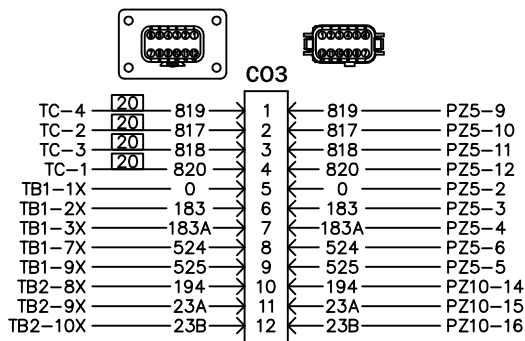
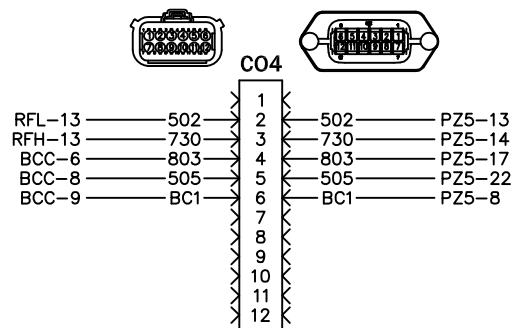
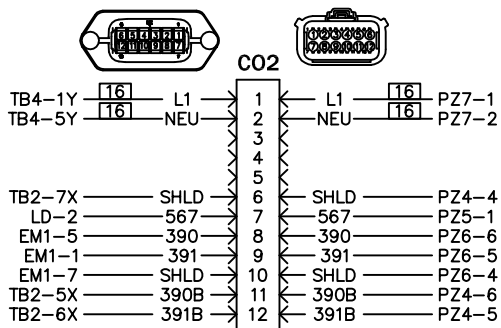
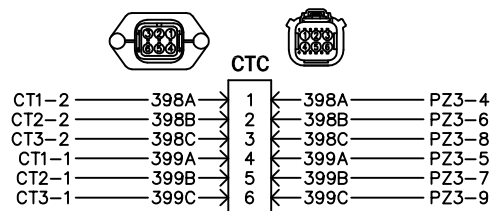
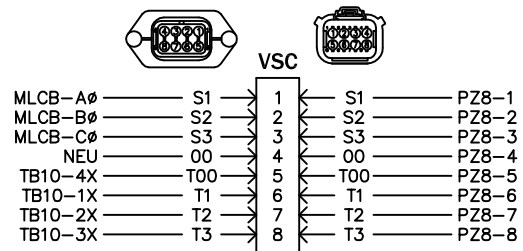
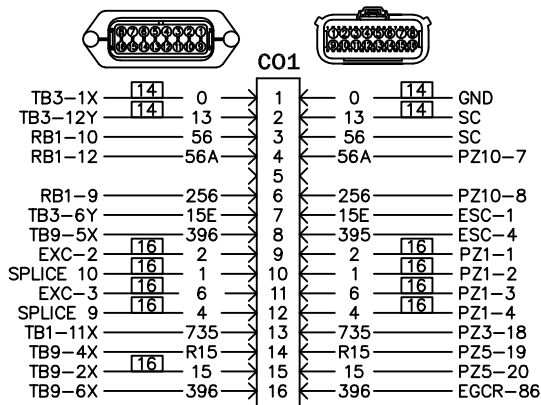
NOTE: ALL WIRES IN THIS
SECTION ARE 600V RATED

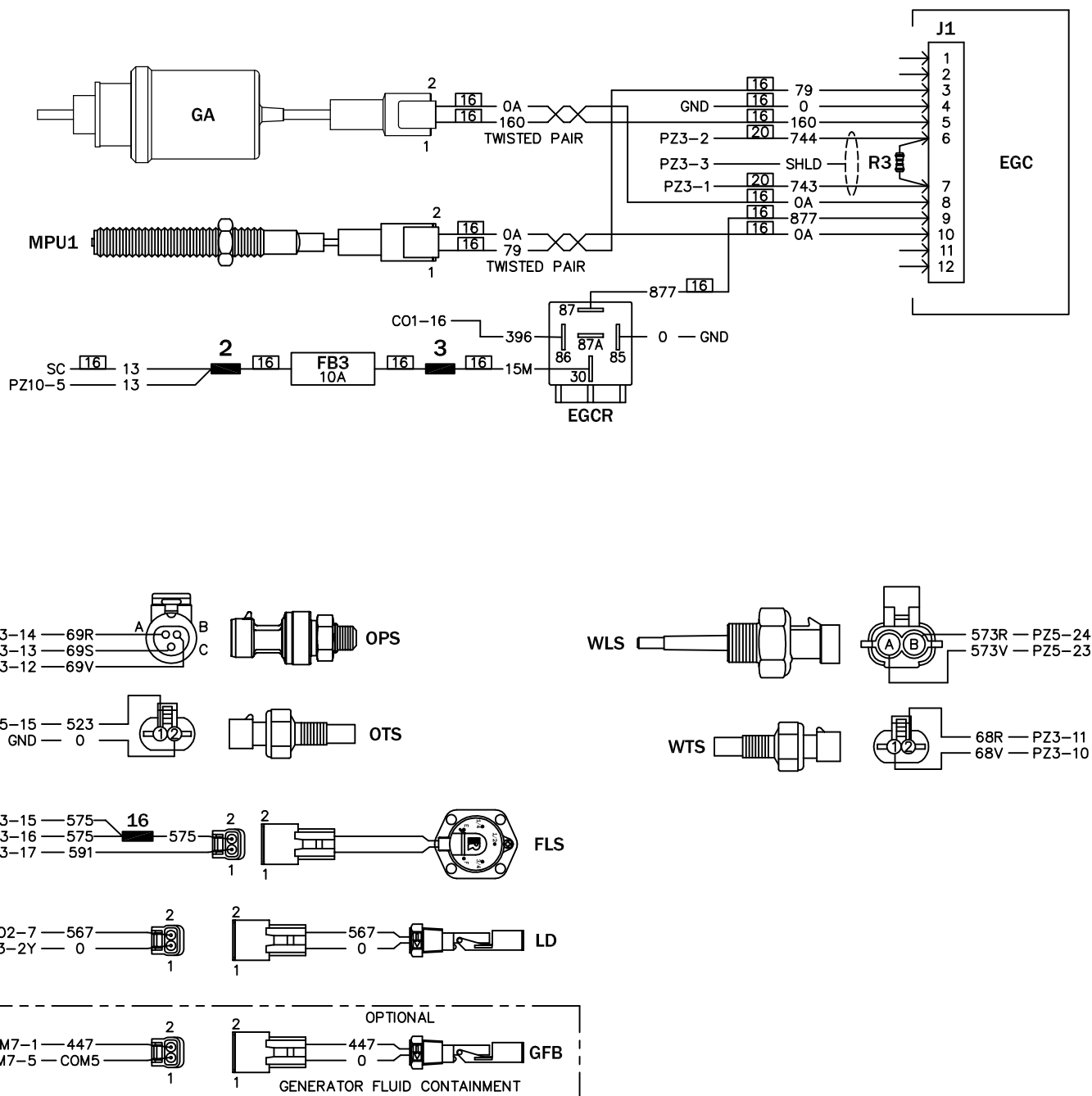
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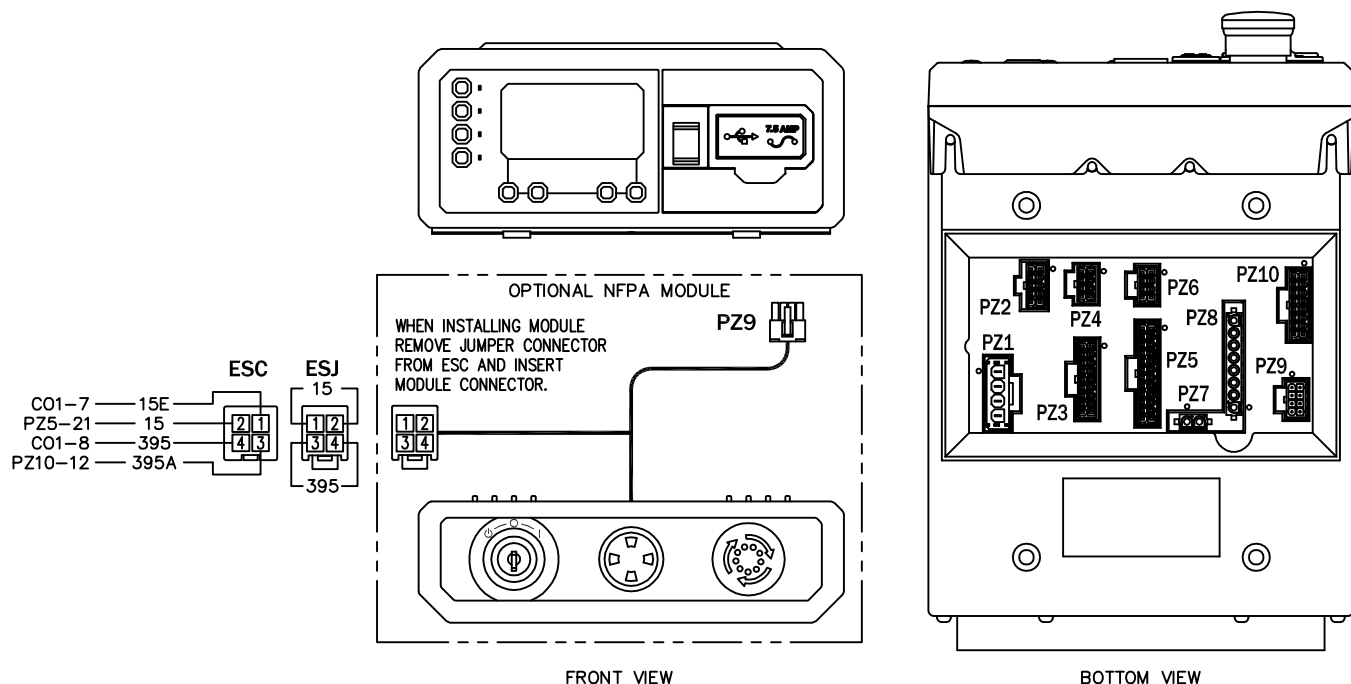




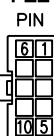








PZ2



RESERVED FOR GOVERNOR MODULE

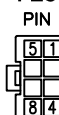
PZ4



FROM	WIRE	PIN
CO2-12	391B	5
CO2-11	390B	6
—	—	7
—	—	8

PIN	WIRE	FROM
1	—	—
2	—	—
3	—	—
4	SHLD	CO2-6

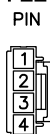
PZ6



FROM	WIRE	PIN
CO2-9	391	5
CO2-8	390	6
—	—	7
—	—	8

PIN	WIRE	FROM
1	—	—
2	—	—
3	—	—
4	SHLD	CO2-10

PZ1



PIN	WIRE	FROM
1	2	CO1-9
2	1	CO1-10
3	6	CO1-11
4	4	CO1-12

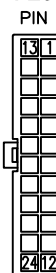
PZ3



FROM	WIRE	PIN
WTS-1	68V	10
WTS-2	68R	11
OPS-B	69V	12
OPS-C	69S	13
OPS-A	69R	14
SPLICE	16 575	15
SPLICE	16 575	16
FLS-1	591	17
CO1-13	735	18

PIN	WIRE	FROM
1	743	EGC-7
2	744	EGC-6
3	SHLD	EGC(CUT)
4	398A	CTC-1
5	399A	CTC-4
6	398B	CTC-2
7	399B	CTC-5
8	398C	CTC-3
9	399C	CTC-6

PZ5



FROM	WIRE	PIN
CO4-2	502	13
CO4-3	730	14
OTS-1	523	15
—	—	16
CO4-4	803	17
—	—	18
CO1-14	R15	19
CO1-15	15	20
ESC-2	15	21
CO4-5	505	22
WLS-A	573V	23
WLS-B	573R	24

PIN	WIRE	FROM
1	567	CO2-7
2	0	CO3-5
3	183	CO3-6
4	183A	CO3-7
5	525	CO3-9
6	524	CO3-8
7	A1	DSC-1
8	BC1	CO4-6
9	819	CO3-1
10	817	CO3-2
11	818	CO3-3
12	820	CO3-4

PZ7



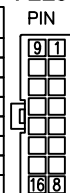
PIN	WIRE	FROM
1	L1	CO2-1
2	NEU	CO2-2

PZ8



PIN	WIRE	FROM
8	T3	VSC-8
7	T2	VSC-7
6	T1	VSC-6
5	T00	VSC-5
4	00	VSC-4
3	S3	VSC-3
2	S2	VSC-2
1	S1	VSC-1

PZ10



FROM	WIRE	PIN
PHC	150	9
—	—	10
—	—	11
ESC-3	395A	12
—	—	13
CO3-10	194	14
CO3-11	23A	15
CO3-12	23B	16

PZ9



RESERVED FOR OPTIONAL MODULE