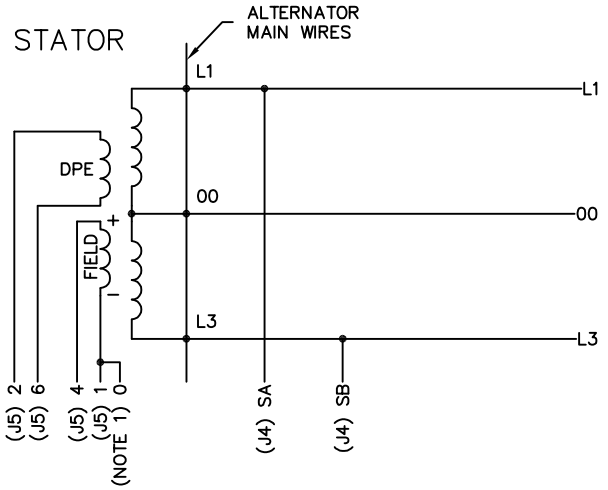
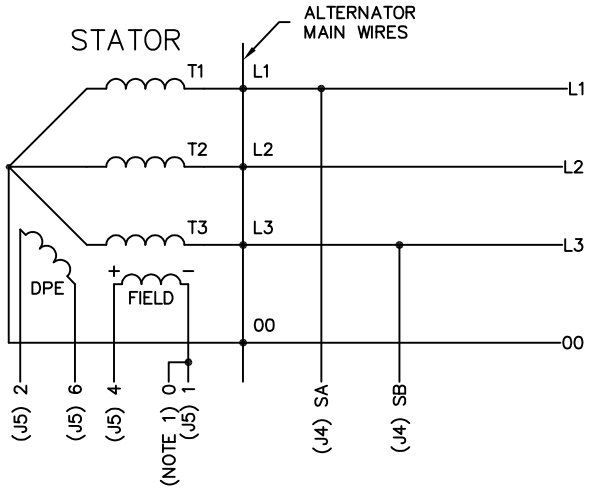
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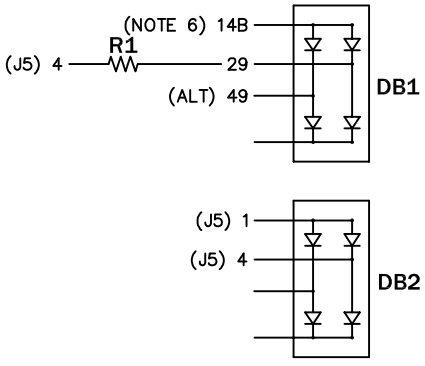
AFS – AIR FUEL SOLENOID	FB1 – FUSE	MLCB – MAIN LINE CIRCUIT BREAKER	WLS – COOLANT LEVEL SENSOR
ALT – DC CHARGE ALTERNATOR	FS_ – FUEL SOLENOID	MPU – MAGNETIC PICKUP	WM – WIFI MODULE
BAT – BATTERY	GA – GOVERNOR ACTUATOR	OS – OXYGEN SENSOR	WTS – COOLANT TEMPERATURE SENSOR
DB_ – DIODE BRIDGE	GND – GROUND CONNECTION	R1 – RESISTOR	
DIST – DISTRIBUTOR CAP	INS – IGNITION NOISE SUPPRESSION	RLY – CONTROL RELAY	
DPE – DISPLACED PHASE EXCITATION	J_ – MAIN CONTROLLER CONNECTORS	SC – STARTER CONTACTOR	
ES_ – EMERGENCY STOP	LFP – LOW FUEL PRESSURE SWITCH	SM – STARTER MOTOR	
F2 – FUSE, RESETTABLE	LOS – LOW OIL PRESSURE SWITCH	THMS – THERMISTOR	

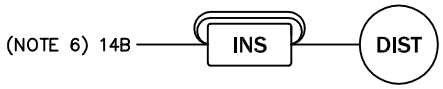


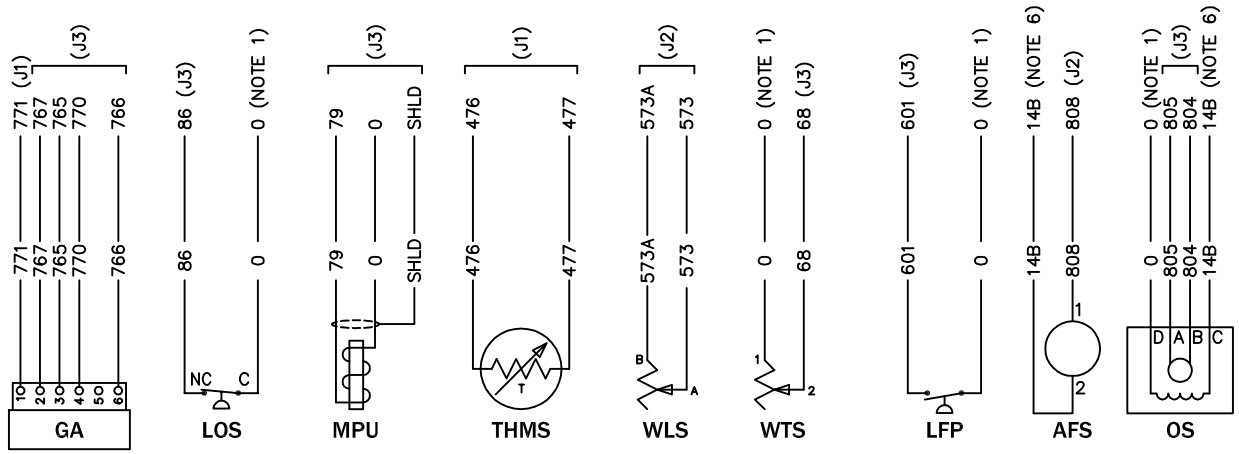
ALTERNATOR CONNECTIONS FOR 1ø UNITS



ALTERNATOR CONNECTIONS FOR 3ø UNITS







SCHEMATIC - DIAGRAM

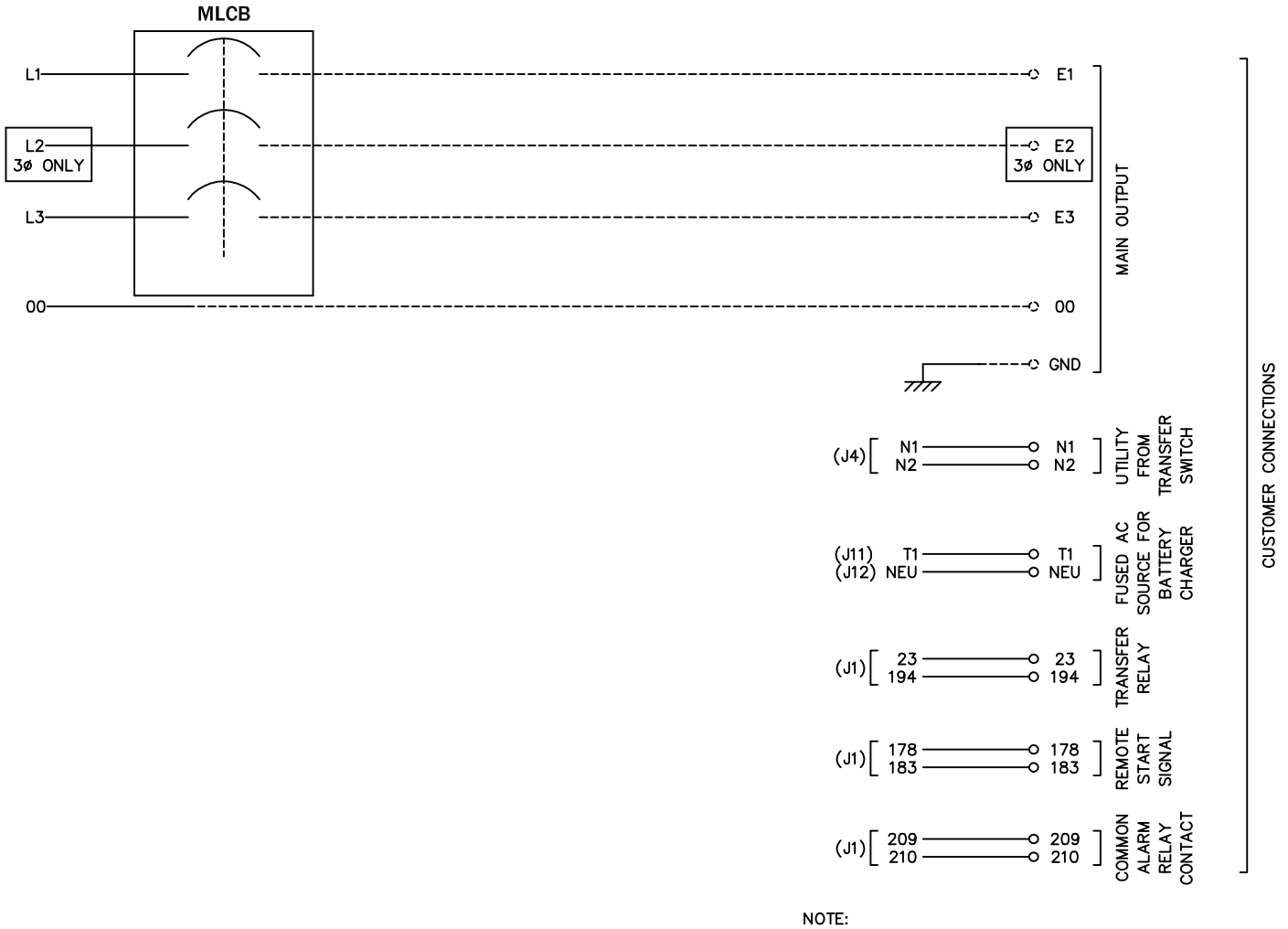
G26 N/A W/EVO CONTROLLER

DRAWING #: A0001450341

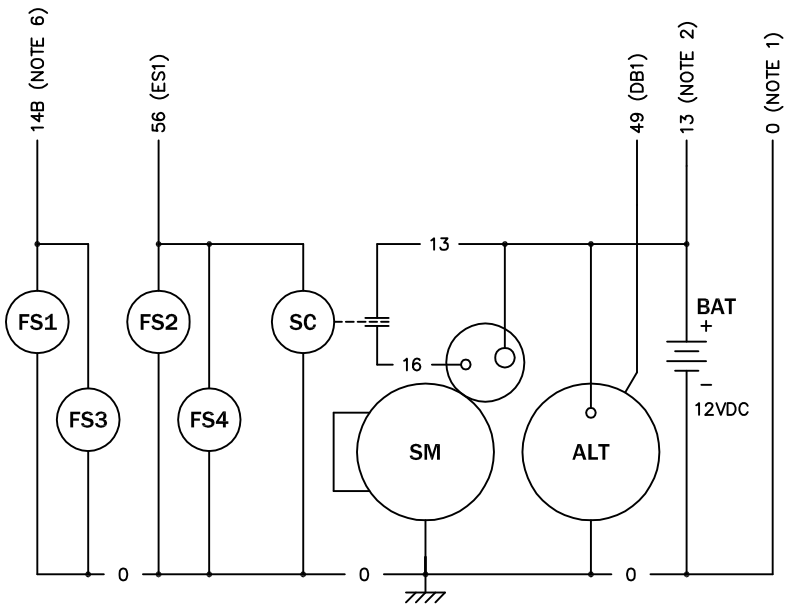
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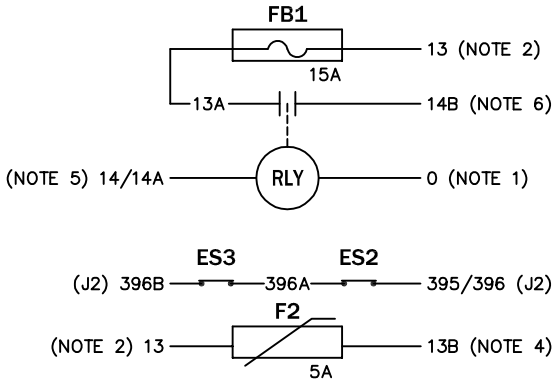
DATE: 5/21/21

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NOTE:
FOR FIELD WIRING TO CUSTOMER CONNECTIONS
(TERMINAL BLOCKS)
MAXIMUM WIRE SIZE: #12 AWG





SCHEMATIC - DIAGRAM
G26 N/A W/EVO CONTROLLER
DRAWING #: A0001450341

REVISION: CN-0047351-A
DATE: 5/21/21

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MAIN CONTROLLER CONNECTIONS

J1

PIN	WIRE	TO	FUNCTION
1	13	BATTERY+	NOTE 2
2	13	BATTERY+	NOTE 2
3	56/56A	ES1	STARTER OUTPUT
4	0	GND	NOTE 1
5	183	CUST CON	REMOTE START
6	194	CUST CON	TRANSFER RELAY COIL (+)
7	23	CUST CON	TRANSFER RELAY COIL CONTROL
8	209/210	CUST CON	COMMON SHUTDOWN ALARM OUTPUT
9	14/14A	ES1	CONTROL RELAY COIL (+)
10	771	GA-1	THROTTLE DRIVE LO
11	476	THMS	THERMISTOR (BATTERY CHARGER)
12	477	THMS	THERMISTOR (BATTERY CHARGER)
13	–	–	
14	178	CUST CON	REMOTE START
15	209/210	CUST CON	COMMON SHUTDOWN ALARM OUTPUT
16	–	–	

J2

PIN	WIRE	TO	FUNCTION
1	808	AFS-1	AIR/FUEL RATIO SOLENOID DRIVER
2	–	–	
3	–	–	
4	396B	ES3-1	EMERGENCY STOP
5	–	–	
6	–	–	
7	–	–	
8	395/396	ES1	EMERGENCY STOP
9	573	WLS-A	COOLANT LEVEL SIGNAL
10	573A	WLS-B	COOLANT LEVEL SIGNAL RETURN
11	–	–	
12	–	–	

J3

PIN	WIRE	TO	FUNCTION
1	SHLD	MPU-1	MAG PICKUP SENSOR DRAIN
2	–	–	
3	–	–	
4	–	–	
5	601	LFP	LOW FUEL PRESSURE
6	68	WTS-2	COOLANT TEMPERATURE SIGNAL
7	765	GA-3	THROTTLE POSITION FEEDBACK SOURCE
8	766	GA-6	THROTTLE POSITION FEEDBACK SIGNAL
9	770	GA-4	THROTTLE DRIVE HI
10	79	MPU-3	MAG PICKUP SIGNAL (+)
11	0	MPU-2	MAG PICKUP SIGNAL (–)
12	–	–	
13	–	–	
14	–	–	
15	86	LOS-2	LOW OIL PRESSURE SIGNAL
16	804	OS-B	OXYGEN SENSOR (+)
17	805	OS-A	OXYGEN SENSOR RETURN
18	767	GA-2	THROTTLE POSITION FEEDBACK RETURN

J4

PIN	WIRE	TO	FUNCTION
1	SA	MLCB	OUTPUT VOLTAGE SENSING A
2	–	–	
3	N1	CUST CON	UTILITY VOLTAGE SENSING 1
4	SB	MLCB	OUTPUT VOLTAGE SENSING B
5	–	–	
6	N2	CUST CON	UTILITY VOLTAGE SENSING 2

J5

PIN	WIRE	TO	FUNCTION
1	2	DPE	EXCITER OUTPUT
2	1	FIELD	FIELD –
3	6	DPE	EXCITER RETURN
4	4	FIELD	FIELD +

J6

PIN	WIRE	TO	FUNCTION
1	–	–	
2	–	–	
3	–	–	
4	SHLD	WM	RS232 SHIELD
5	–	–	
6	–	–	
7	387	WM-2	RS232 (RX)
8	388	WM-5	RS232 (TX)

	PIN	WIRE	TO	FUNCTION
J11	1	T1	CUST CON	BATTERY CHARGER UTILITY POWER
J12	2	NEU	CUST CON	BATTERY CHARGER UTILITY NEUTRAL

(OPTIONAL) WIFI MODULE (WM)

WM CONNECTOR

PIN	WIRE	TO	FUNCTION
1	–	–	RS232 SHIELD
2	387	J6-7	RS232 (RX)
3	–	–	
4	0	GND	NOTE 1
5	388	J6-8	RS232 (TX)
6	13B	F2	NOTE 4

NOTES:
1) WIRE #0 IS CHASSIS GROUND (BATTERY–) UNLESS NOTED OTHERWISE.

2) WIRE #13 IS UNFUSED +12VDC (BATTERY+).

3) WIRE #13A IS FUSED +12VDC.

4) WIRE #13B HAS RESETTABLE FUSE FOR +12VDC POWER TO WIFI MODULE.

5) WIRE #14/14A IS LOW CURRENT +12VDC WHEN GENERATOR IS CRANKING OR RUNNING AND E-STOP IS NOT ACTIVATED.

6) WIRE #14B IS HIGH CURRENT FUSED +12VDC WHEN GENERATOR IS CRANKING OR RUNNING AND E-STOP IS NOT ACTIVATED.

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