

LEGEND

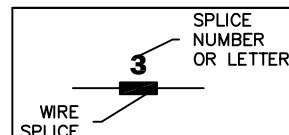
AFPS - AIR FILTER PRESSURE SENSOR	CTC_ - CURRENT TRANSFORMER CONNECTOR	J_ - MAIN CONTROLLER CONNECTORS
ALT - DC CHARGE ALTERNATOR	DB_ - DIODE BRIDGE	LFP - LOW FUEL PRESSURE SWITCH
AS - ALTERNATOR STATOR	DPR - DRIVER POWER RELAY	LOS - LOW OIL PRESSURE SWITCH
ASC_ - AUXILIARY SHUTDOWN SWITCH CONNECTOR	ECM - ELECTRONIC CONTROL MODULE	MLCB - MAIN LINE CIRCUIT BREAKER
ASW_ - AUXILIARY SHUTDOWN SWITCH	EMC - ELECTRONIC MIXER CONTROL VALVE	NB - NEUTRAL BLOCK
BA - BRUSH ASSEMBLY	ES_ - EMERGENCY STOP	OS - OXYGEN SENSOR
BAT - BATTERY	ESR - EMERGENCY STOP RELAY	OTS - OIL TEMPERATURE SENSOR
BCH_ - BATTERY CHARGER	ETC - ELECTRONIC THROTTLE CONTROL VALVE	R - RESISTOR
CAC - CHARGE AIR COOLER	F_ - FUSE	SC - STARTER CONTACTOR
CAMS - CAMSHAFT SENSOR	FPS - FUEL PRESSURE SENSOR	SM - STARTER MOTOR
CAR - COMMON ALARM RELAY	FS_ - FUEL SOLENOID	TB_ - TERMINAL BLOCK
COP_ - CROSSOVER PLUG (BULKHEAD)	FSP - FUEL SOLENOID PLUG	THMS - THERMISTOR (BATTERY AMBIENT TEMP.)
COR_ - CROSSOVER RECEPTACLE	FSR - FUEL SOLENOID RECEPTACLE	TMAP - MANIFOLD TEMPERATURE AND PRESSURE
CR - CONTROL RELAY	GND - GROUND CONNECTION	TPS - MIXER POSITION SENSOR
CRKS - CRANKSHAFT SENSOR	IC_ - IGNITION COIL	WLS - COOLANT LEVEL SENSOR
CT - CURRENT TRANSFORMER	IR - IGNITION RELAY	WTS - COOLANT TEMPERATURE SENSOR

NOTE: ALL WIRES 18 AWG
BLACK 300V UL LISTED
UNLESS SHOWN OTHERWISE

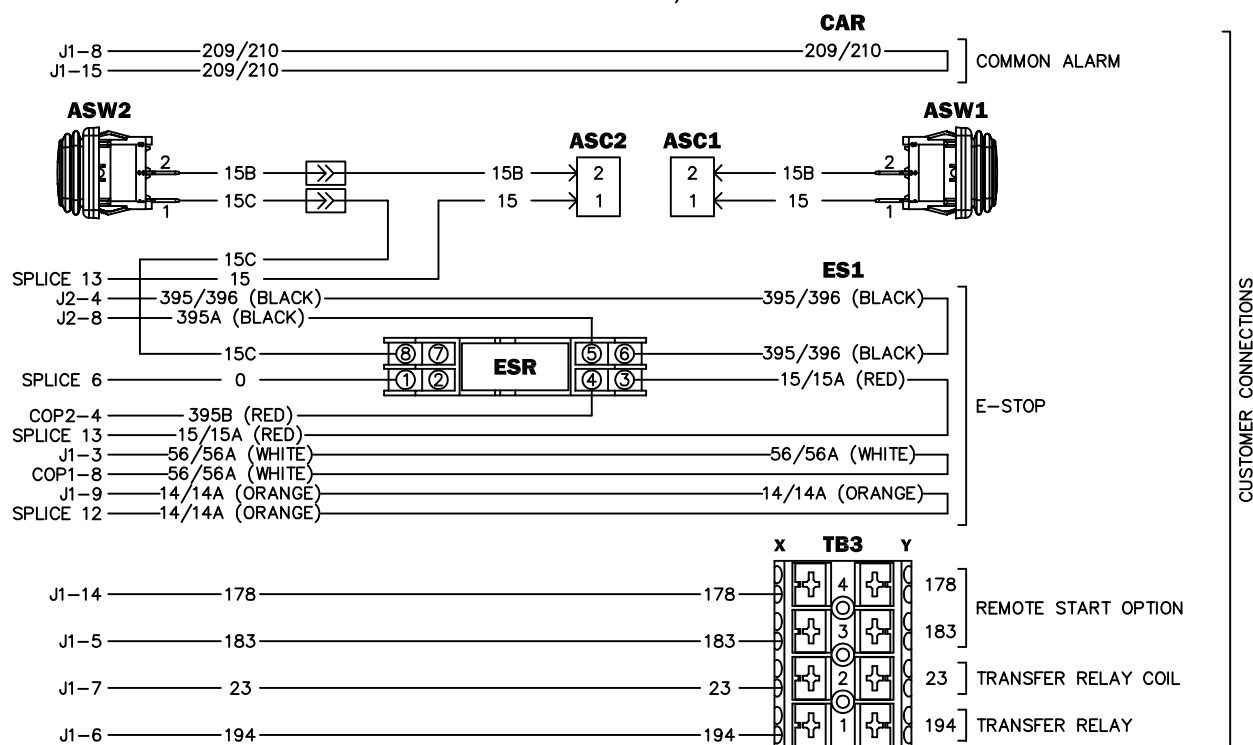
121 AWG SIZE

COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX LOW VOLTAGE CONNECTIONS

NOTE: ALL WIRES ON THIS
PAGE ARE 600V RATED



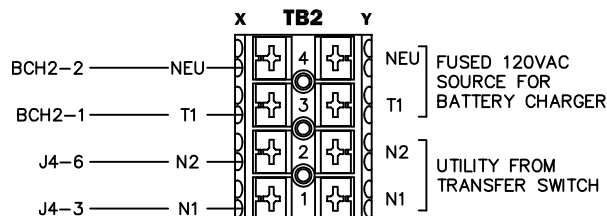
60HZ/50HZ



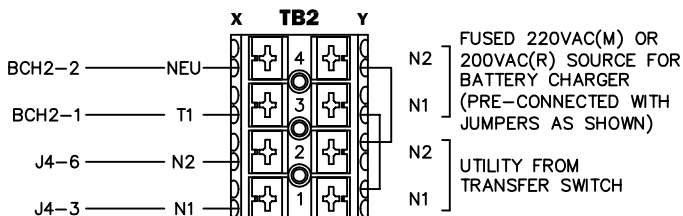
COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX HIGH VOLTAGE CONNECTIONS

60HZ UNITS

50HZ (M-VOLTAGE, 110/220VAC & R-VOLTAGE, 231/400VAC)



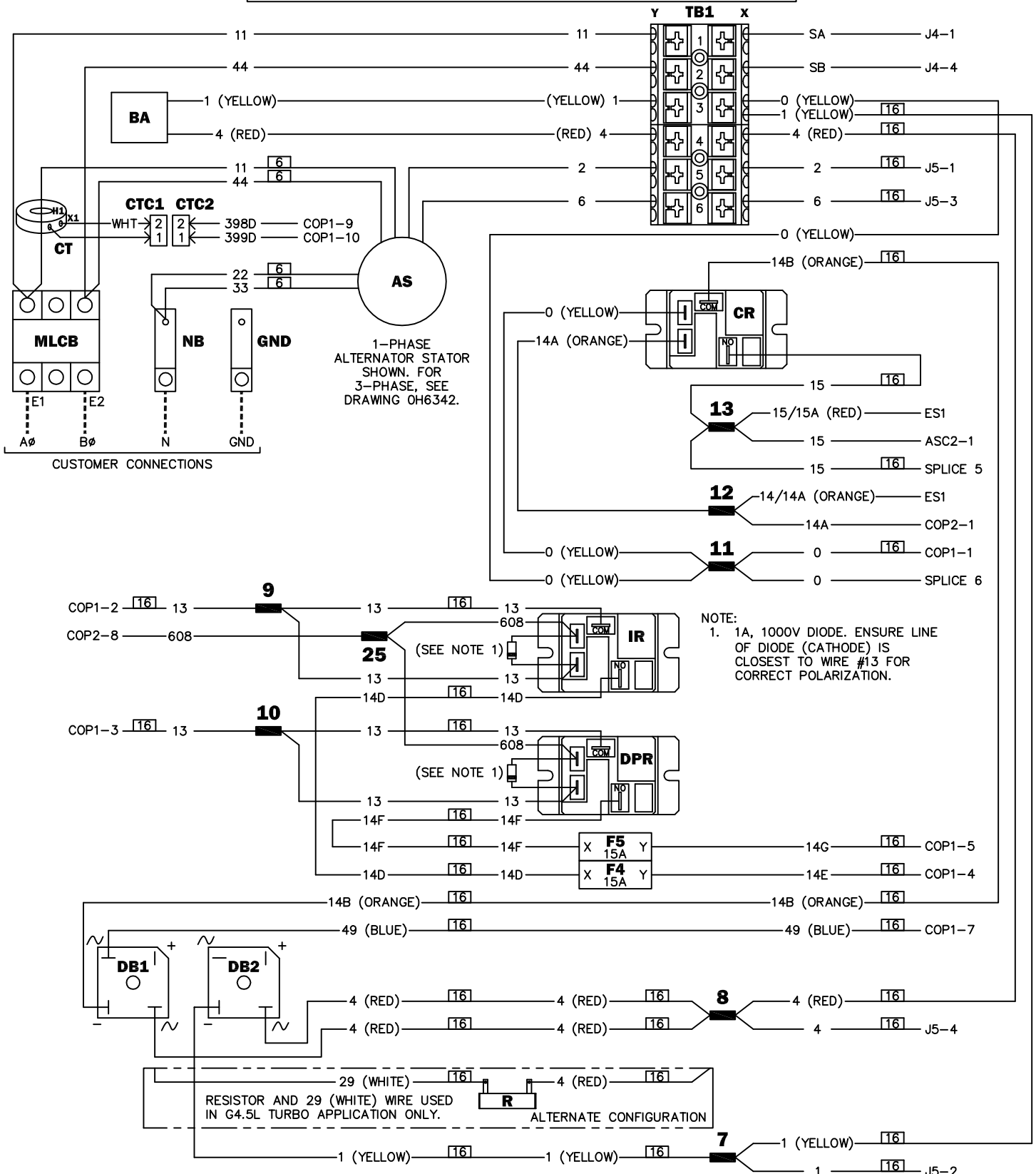
NOTE:
FOR FIELD WIRING TO CUSTOMER CONNECTIONS
(TERMINAL BLOCKS)
MAXIMUM WIRE SIZE: #12 AWG



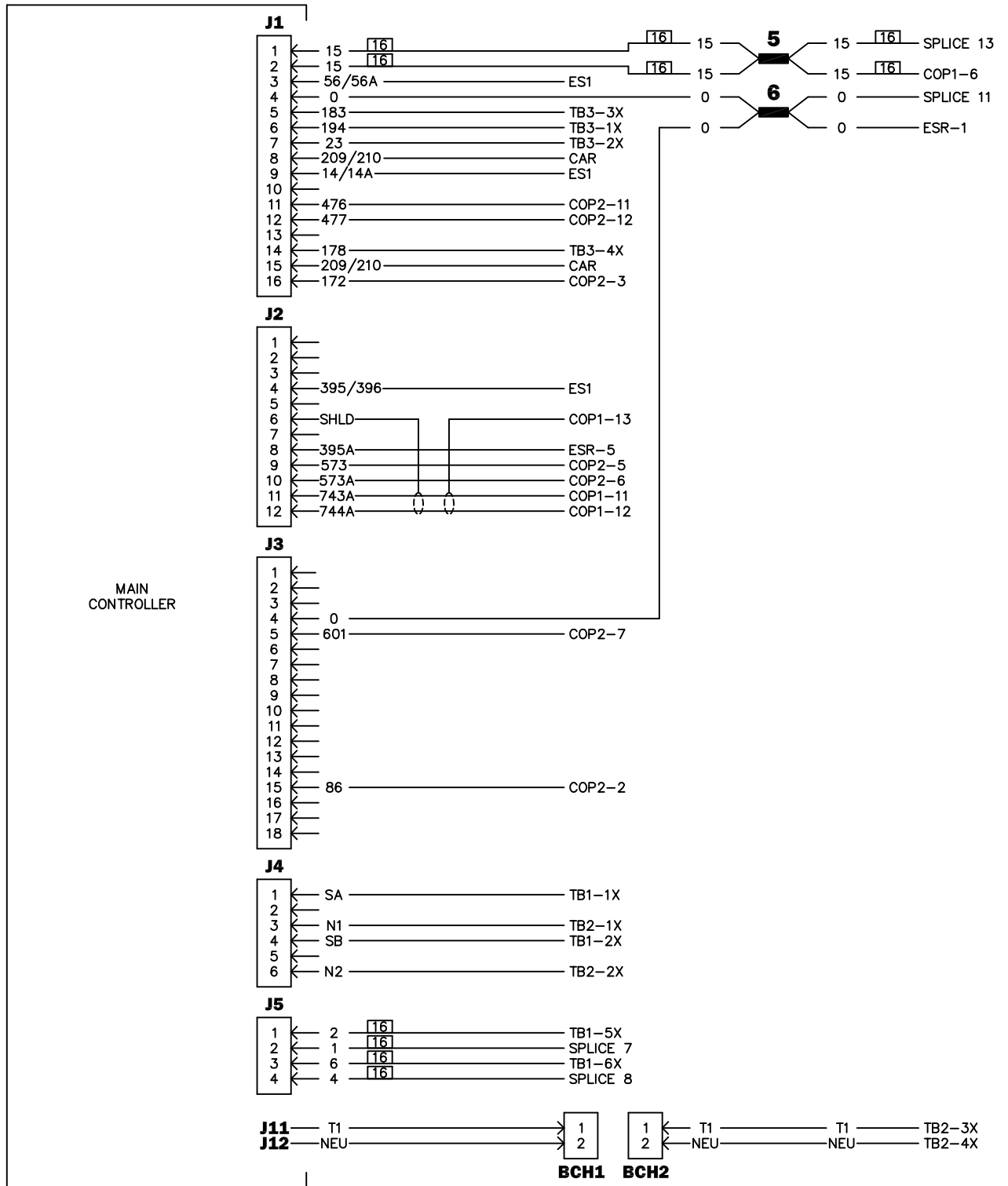
240VAC MAX

**COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX
HIGH VOLTAGE CONNECTIONS**

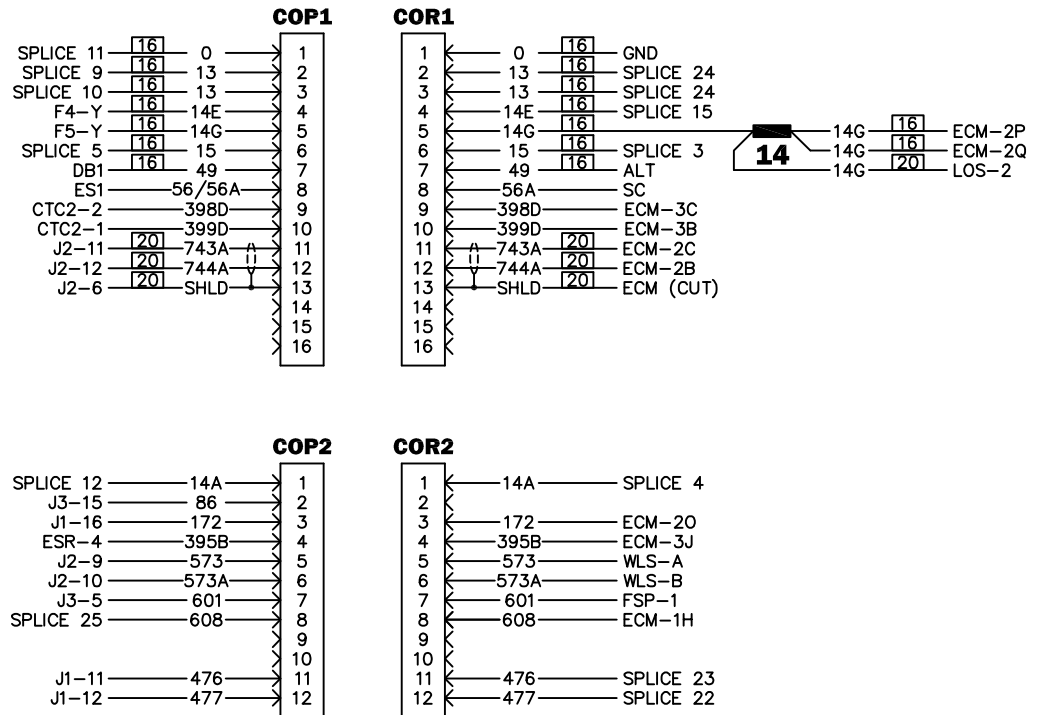
NOTE: ALL WIRES ON THIS PAGE ARE 600V RATED EXCEPT FOR THOSE AT EDC.



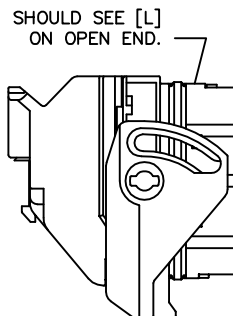
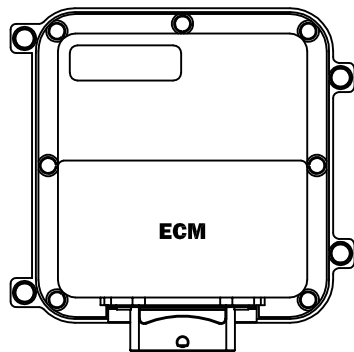
COMPONENTS LOCATED IN CONTROL PANEL



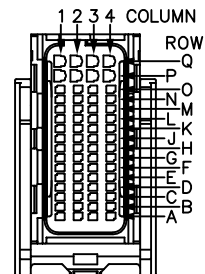
COMPONENTS LOCATED IN CUSTOMER CONNECTION BOX & ON ENGINE BULKHEAD CROSSOVER CONNECTIONS



COMPONENTS LOCATED ON ENGINE ELECTRONIC CONTROL MODULE



SIDE VIEW OF
CONNECTOR W/COVER



TOP VIEW
OF CONNECTOR
W/O COVER

PIN	WIRE	TO
1A	605C	EMC-C
1B	753L	CRKS-2
1C	753H	CRKS-1
1D	760	CAC
1E	-	-
1F	-	-
1G	607	OS-C
1H	608	COR2-B
1J	610	FS1-B
1K	-	-
1L	820A	SPLICE 17
1M	820B	SPLICE 18
1N	797	FPS-B
1O	606	TPS-1
1P	771	ETC-5
1Q	770	ETC-6

PIN	WIRE	TO
2A	605D	EMC-D
2B	744A	COR1-12
2C	743A	COR1-11
2D	754	TMAP-3
2E	820G	SPLICE 19
2F	-	-
2G	-	-
2H	-	-
2J	-	-
2K	-	-
2L	450	CAMS-A
2M	752	TMAP-1
2N	766	ETC-2
2O	172	COR2-3
2P	14G	SPLICE 14
2Q	14G	SPLICE 14

PIN	WIRE	TO
3A	605A	EMC-A
3B	399D	COR1-10
3C	398D	COR1-9
3D	-	-
3E	805	OS-A
3F	-	-
3G	523	OTS-1
3H	-	-
3J	395B	COR2-4
3K	-	-
3L	86	LOS-1
3M	-	-
3N	-	-
3O	15	SPLICE 3
3P	0	GND
3Q	0	GND

PIN	WIRE	TO
4A	605B	EMC-B
4B	604	AFPS-B
4C	-	-
4D	804	OS-B
4E	-	-
4F	68	WTS-1
4G	-	-
4H	-	-
4J	-	-
4K	-	-
4L	452	IC2-C
4M	453	IC3-C
4N	454	IC4-C
4O	451	IC1-C
4P	0	GND
4Q	0	GND

COMPONENTS LOCATED ON ENGINE

