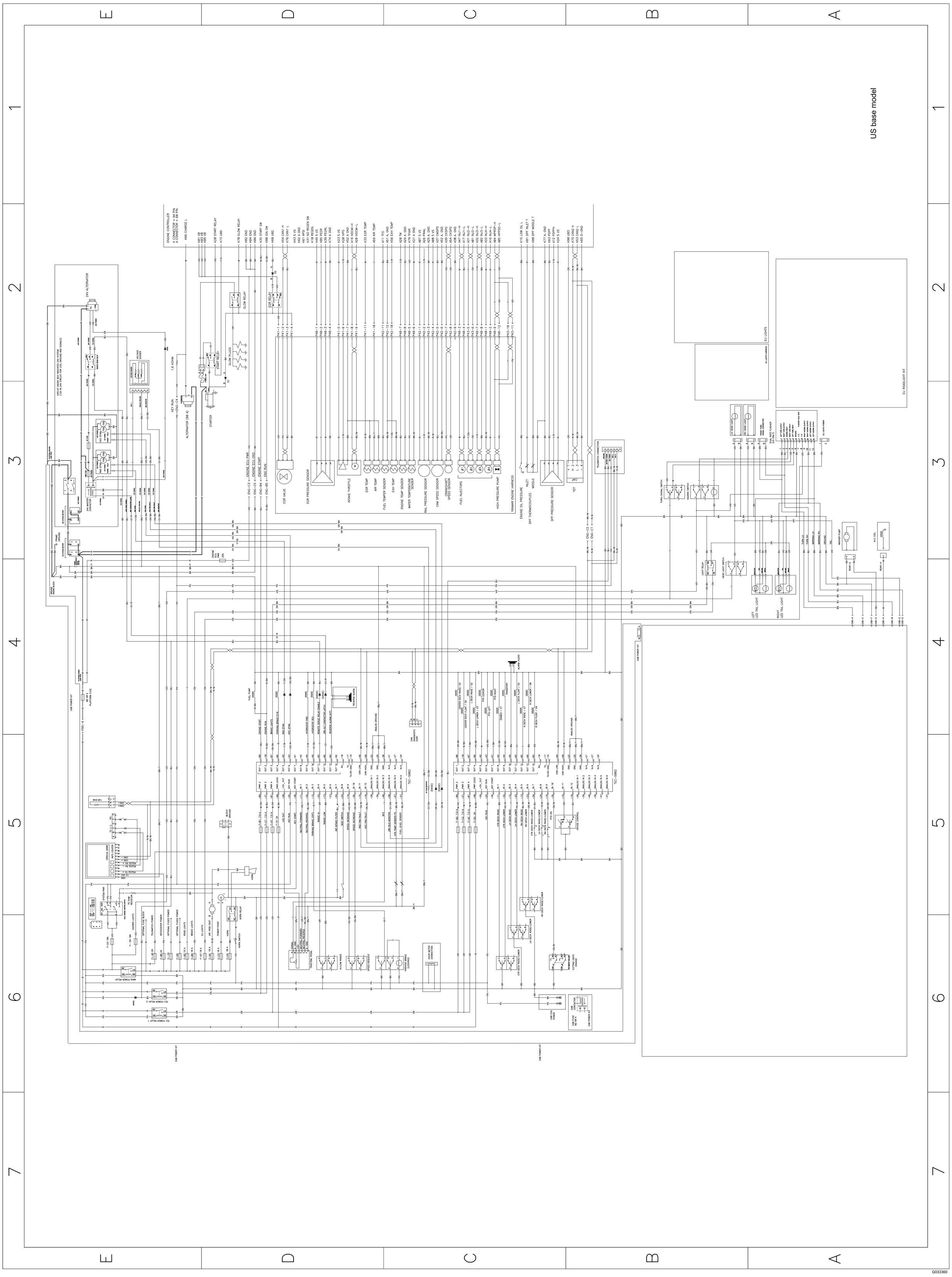
Groundsmaster® 5900 or 5910 Rotary Mower

Model No. 31698—Serial No. 316000001 and Up

Model No. 31699—Serial No. 316000001 and Up

Electrical Schematic

Model No. 31698
122-0200 Rev A
1 of 4 (US base model, no cab)



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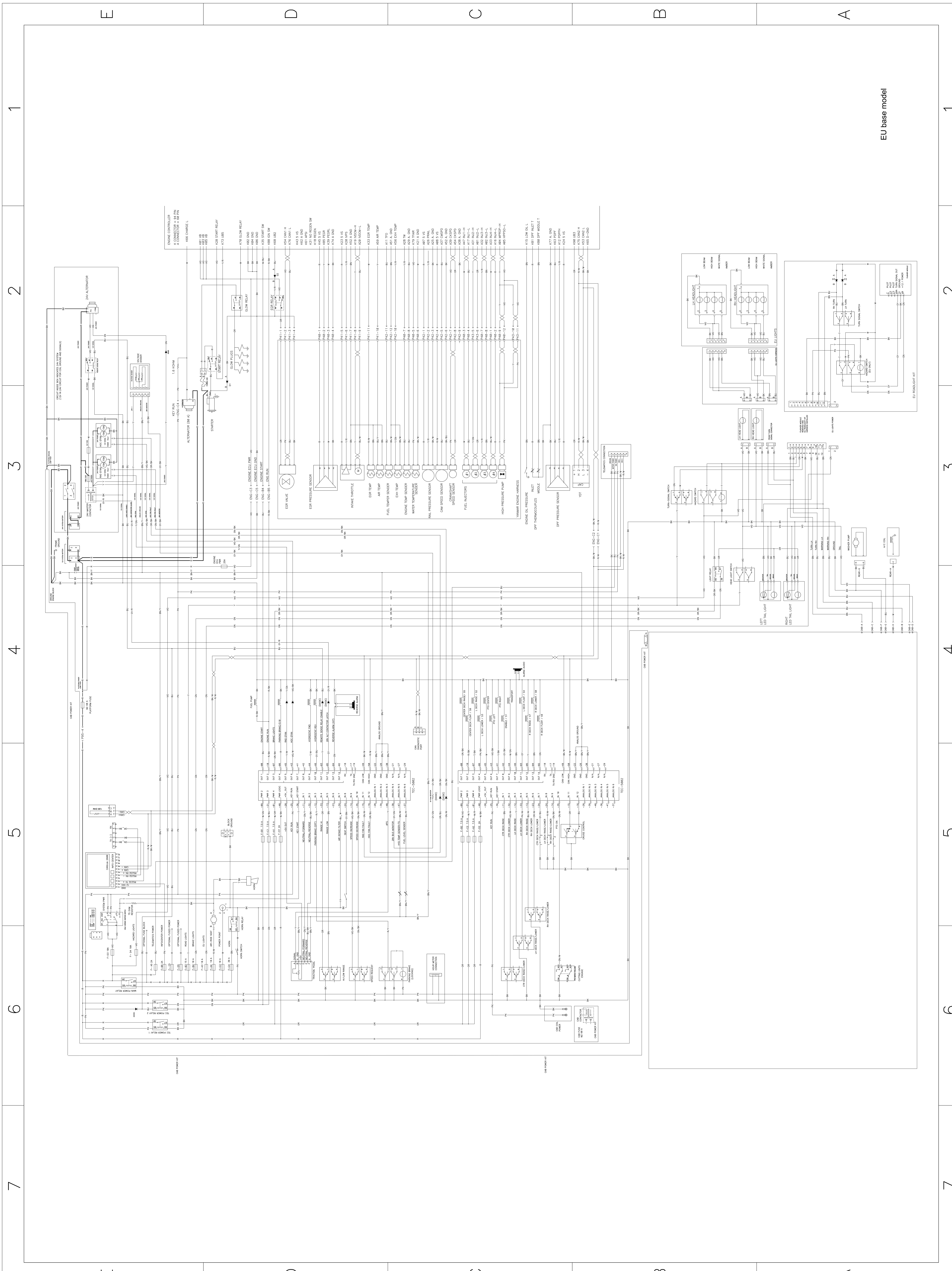
EU base model
ENGINE CONTROLLER
K CONNECTOR = 94 PIN
A CONNECTOR = 60 PIN
24V ALTERNATOR
CIRCUIT INSIDE BOX INDICATES 24V SYSTEM
(12V IN 24V CIRCUIT FOR COIL GROUND AND SIGNALS)
VOLTAGE DIVIDER
24V MASTER CONTACTOR
HOC EFAN
RAD EFAN
KEY RUN
ALTERNATOR (80 A)
STARTER
START RELAY
GLOW PLUGS
GLOW RELAY
EGR RELAY
1.6 KOHM
ENGINE ECU PWR
ENGINE ECU GND
ENGINE START
ENG RUN
EGR VALVE
EGR PRESSURE SENSOR
INTAKE THROTTLE
EGR TEMP
AIR TEMP
FUEL TEMPER SENDER
EXH TEMP
ENGINE TEMP SENDER
WATER TEMPERATURE SENDER
RAIL PRESSURE SENSOR
CAM SPEED SENSOR
CRANKSHAFT SPEED SENSOR
FUEL INJECTORS
HIGH PRESSURE PUMP
YANMAR ENGINE HARNESS
ENGINE OIL PRESSURE
DPF THERMOCOUPLES
INLET
MIDDLE
DPF PRESSURE SENSOR
YDT
TELEMATICS CONNECTION
EU LIGHTS
LH HEADLIGHT
RH HEADLIGHT
LOW BEAM
HIGH BEAM
WHITE SIGNAL
AMBER
EU LIGHTS HARNESS
EU ROADLIGHT KIT
TURN SIGNAL SWITCH
HAZARD SWITCH (EU ONLY)
FLASHER MODULE
LH HEAD LIGHT
RH HEAD LIGHT
FRONT TURN SIGNAL CONNECTOR
EU LIGHTS POWER
TURN-SIGNAL SWITCH
HAZARD SWITCH
LIGHT RELAY
HEAD LIGHT SWITCH
LEFT LED TAIL LIGHT
RIGHT LED TAIL LIGHT
WASHER PUMP
A/C COIL
ENGINE ECU PWR 25A
FRAME GROUND
GROUND ENGINE BLOCK
CAB POWER KIT
M2 60 A PLATFORM FUSE
P95-4
FUEL PUMP
REVERSE ALARM
TEC-5002
CAN DIAGNOSTIC PORT
ANALOG GROUND
ALARM-AUDIO
120 OHM
CANtrak 2600
INFO CENTER
BLOCK GROUND
HORN
SYSTEM PWR
75 OHM RESISTOR
HAZARD LIGHTS
OPTIONAL FUSE BLOCK
TELEMATICS POWER
INFOCENTER POWER
OPTIONAL FUSED POWER
ROAD LIGHTS
BRAKE LIGHTS
EU LIGHTS
AIR-RIDE SEAT
POWER POINT
HORN RELAY
HORN SWITCH
MAIN POWER RELAY
TEC POWER RELAY 2
TEC POWER RELAY 1
TRACTION PEDAL
HI/LOW RANGE
SPEED REQUEST
PARKING BRAKE (LOCKING)
HOUR METER CONNECTION
CRUISE CONTROL
CTR DECK RAISE/LOWER
LH DECK RAISE/LOWER
RH DECK RAISE/LOWER
CUTTING UNITS ENGAGE
CAB COIL POWER
CAB CONTACTOR
CAB FUSE M2 60 A

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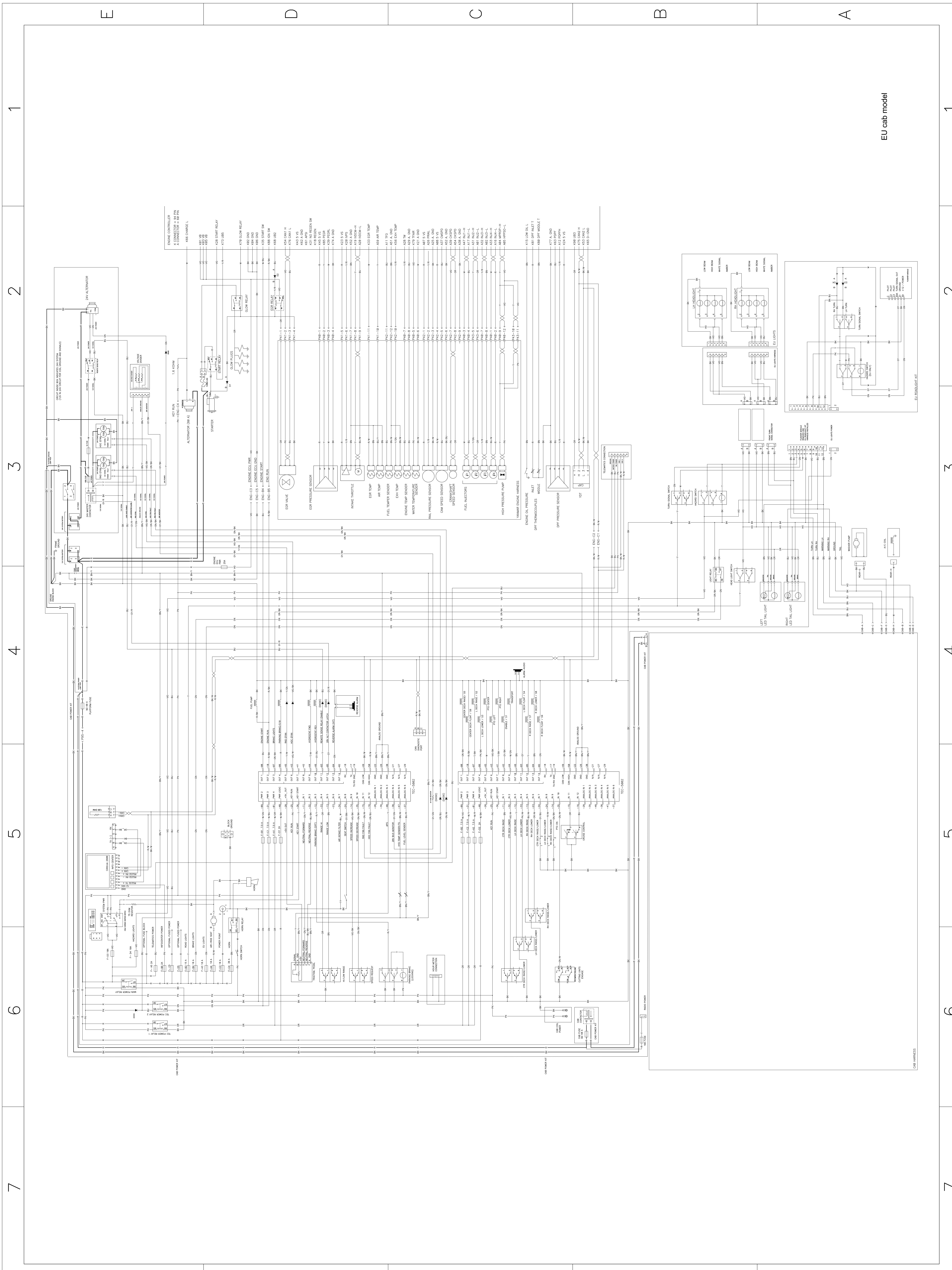

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