Groundsmaster® 4000-Series Rotary Mower

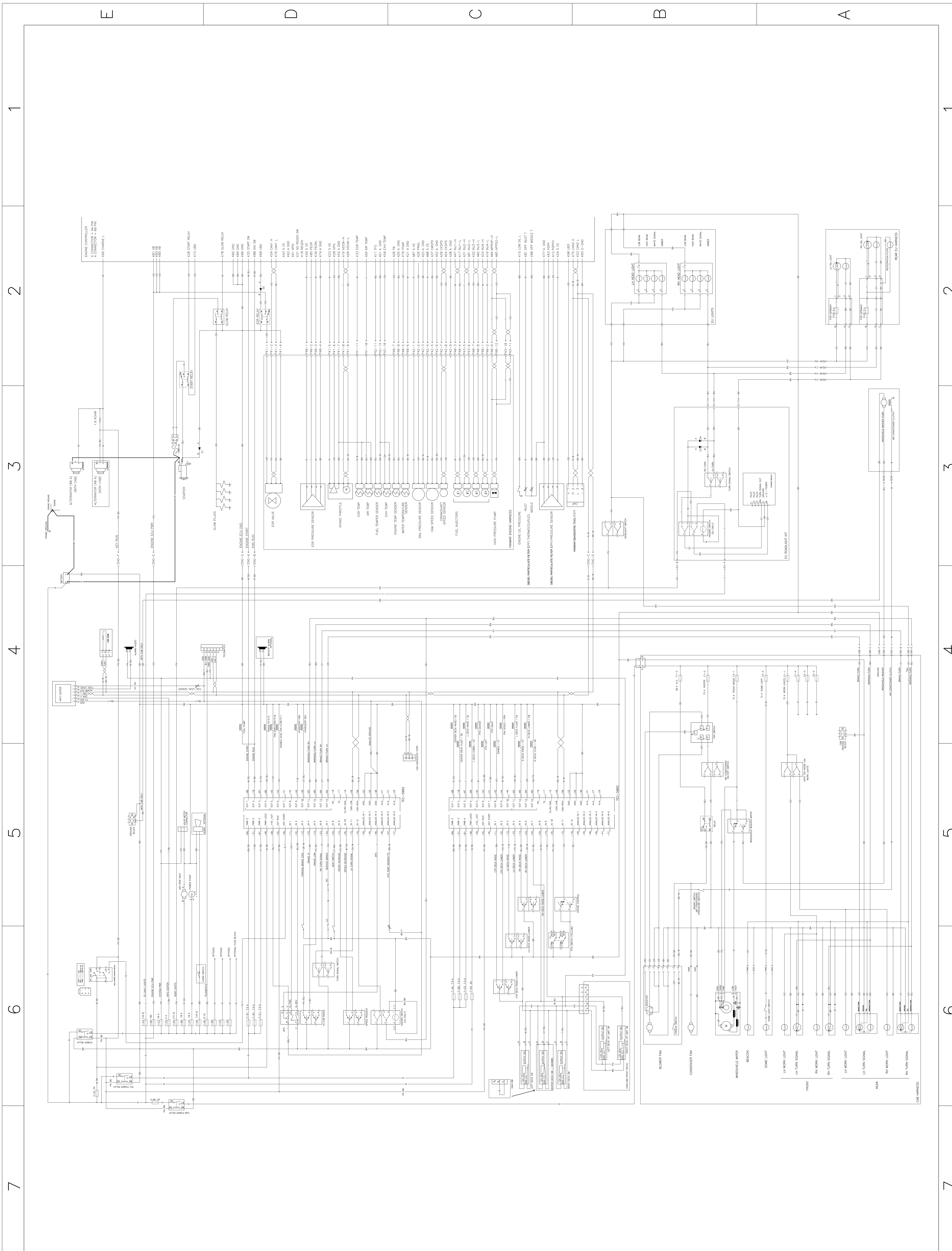
Model No. 30604—Serial No. 316000001 and Up
Model No. 30605—Serial No. 316000001 and Up
Model No. 30608—Serial No. 316000001 and Up
Model No. 30609—Serial No. 316000001 and Up
Model No. 30635—Serial No. 316000001 and Up
Model No. 30636—Serial No. 316000001 and Up
Model No. 30643—Serial No. 316000001 and Up
Model No. 30644—Serial No. 316000001 and Up

Electrical Schematic

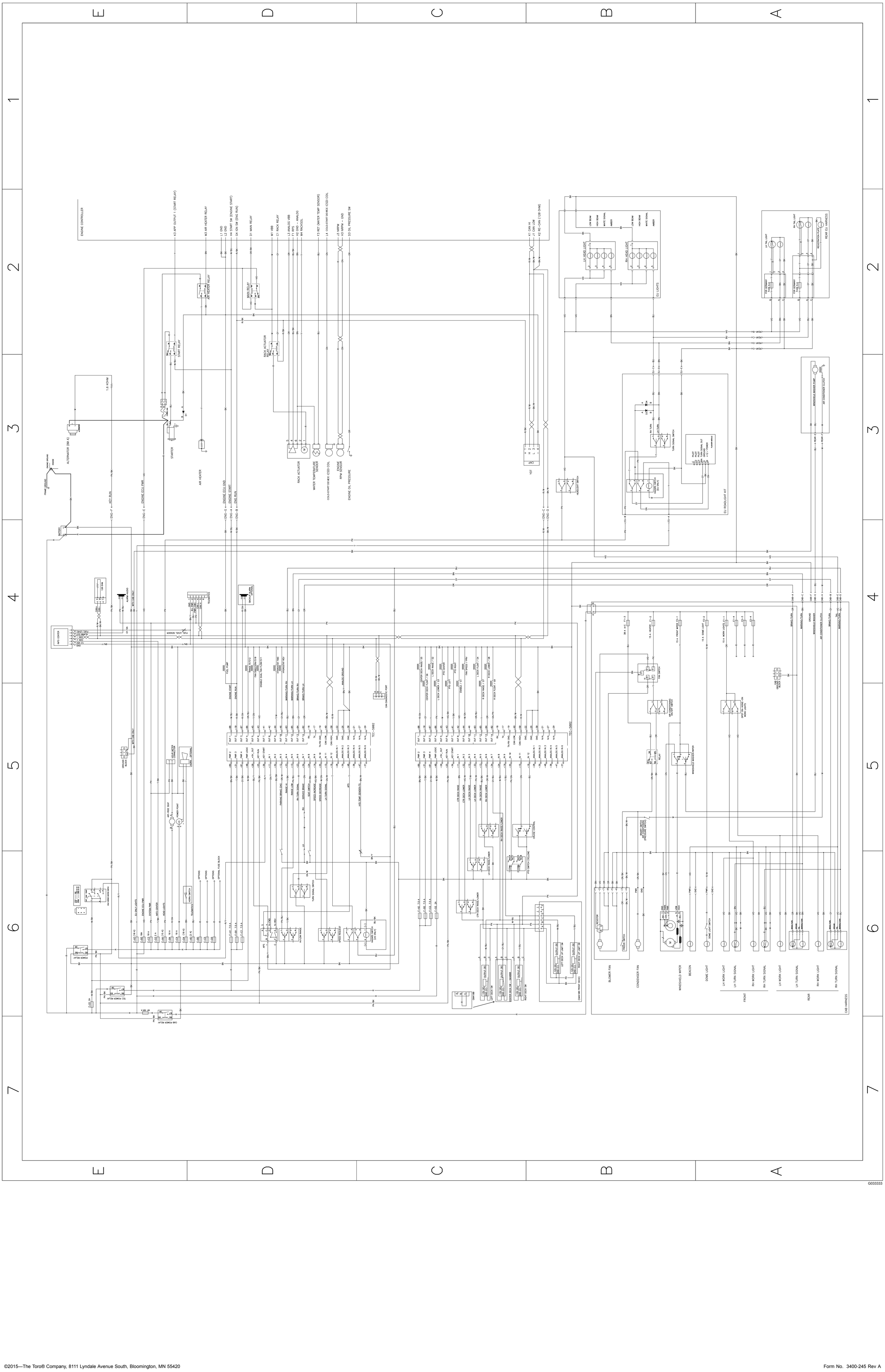
Model No. 30604, 30605, 60608, 30609, 30635, 30636, 30643, and 30644
122-0717 Rev A
1 of 3

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E
D
C
B
A
1
2
3
4
5
6
7
ENGINE CONTROLLER
K CONNECTOR = 94 PIN
A CONNECTOR = 60 PIN
GLOW RELAY
EGR RELAY
START RELAY
ALTERNATOR (80 A) (WITH CAB)
ALTERNATOR (40 A) (NON-CAB)
1.6 KOHM
STARTER
GLOW PLUGS
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
DIESEL PARTICULATE FILTER (DPF) THERMOCOUPLES
INLET
MIDDLE
DIESEL PARTICULATE FILTER (DPF) PRESSURE SENSOR
YANMAR DIAGNOSTIC TOOL (YDT)
FRAME GROUND
ENGINE GROUND
ENGINE
BATTERY
KEY RUN
ENGINE ECU PWR
ENGINE ECU GND
ENGINE START
ENG RUN
LH HEAD LIGHT
RH HEAD LIGHT
LOW BEAM
HIGH BEAM
WHITE SIGNAL
AMBER
EU LIGHTS
LH TAIL LIGHT
RH TAIL LIGHT
REGISTRATION PLATE
REAR EU HARNESS
FOR GERMANY FUSE 5 A
WINDSHIELD WASHER PUMP
AIR CONDITIONER CLUTCH
TURN SIGNAL SWITCH
RH TURN
LH TURN
FLASHER MODULE
HAZARD SWITCH (EU ONLY)
HEADLIGHT SWITCH
EU ROADLIGHT KIT
INFO CENTER
120 OHM
ALARM-AUDIO
WITH CAB ONLY
TELEMATICS
BACKUP ALARM OPTIONAL
FUEL LEVEL SENDER
FUEL PUMP
ENGINE START
ENGINE RUN
RANGE HI/S12
FAN DIRECTION/S10
DISABLE DUAL FAN FLOW/S11
HYDROSTAT FWD
HYDROSTAT REV
WARNING/TURN RH
WARNING/TURN LH
BRAKE/TURN RH
BRAKE/TURN LH
ANALOG GROUND
CAN DIAGNOSTIC PORT
TEC-5002
GROUND BLOCK
HOUR METER CONNECTOR
HORN OPTIONAL
AIR-RIDE SEAT
POWER POINT
PARKING BRAKE (ON)
RANGE HI
RANGE LOW
RH TURN SIGNAL
SERVICE BRAKE
SEAT SWITCH
SPEED INCREASE
SPEED DECREASE
LH TURN SIGNAL
APS
HYD TEMP SENDER/TS
CENTER DECK RAISE/ S5
CENTER DECK FLOAT / S6
L DECK RAISE / S2
L DECK LOWER / S3
PTO CENTER
PTO LEFT
PTO RIGHT
ENABLE / S1
FAN SPEED / PRV
L DECK FLOAT / S4
R DECK RAISE / S7
R DECK LOWER / S8
R DECK FLOAT / S9
CTR DECK RAISE
CTR DECK LOWER
LH DECK RAISE
LH DECK LOWER
RH DECK RAISE
RH DECK LOWER
RH DECK RAISE/LOWER
CRUISE CONTROL
LH DECK RAISE/LOWER
PTO SWITCH (YELLOW)
CTR DECK RAISE/LOWER
COLE HERSEE IGNITION SWITCH
HORN SWITCH
EU ONLY LIGHTS
SYSTEM PWR
INFO CENTER
HEAD LIGHTS
OPTIONS
OPTIONAL FUSE BLOCK
POWER RELAY
TEC POWER RELAY
CAB POWER RELAY
M1 60 A
HI/LOW RANGE
SPEED REQUEST
HAZARD SWITCH (US ONLY)
LEFT DECK SW
CENTER DECK SW – GM4000
RIGHT DECK SW
LEFT DECK UP LIMIT SW
RIGHT DECK UP LIMIT SW
(GM4100 FRONT DECK)
GM4100
30 A A/C
15 A HEATER
15 A FRONT WIPER
15 A DOME LIGHT
15 A WORK LIGHTS
FAN SWITCH
CAB GROUND BLOCK
AIR CONDITIONING ON/OFF SWITCH
DPDT ON–NONE–ON WORK LIGHTS
RELAY
WINDSHIELD WASHER/WIPER
BINARY SWITCH AIR CONDITIONING (PRESSURE SWITCH)
RESISTOR
FREEZE SWITCH
BLOWER FAN
CONDENSER FAN
WINDSHIELD WIPER
BEACON
DOME LIGHT
DOME LIGHT SWITCH
LH WORK LIGHT
LH TURN SIGNAL
RH WORK LIGHT
RH TURN SIGNAL
FRONT
REAR
CAB HARNESS
BRAKE/TURN
WARNING/TURN
GROUND
WINDSHIELD WASHER
AIR CONDITIONER CLUTCH
TAIL

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