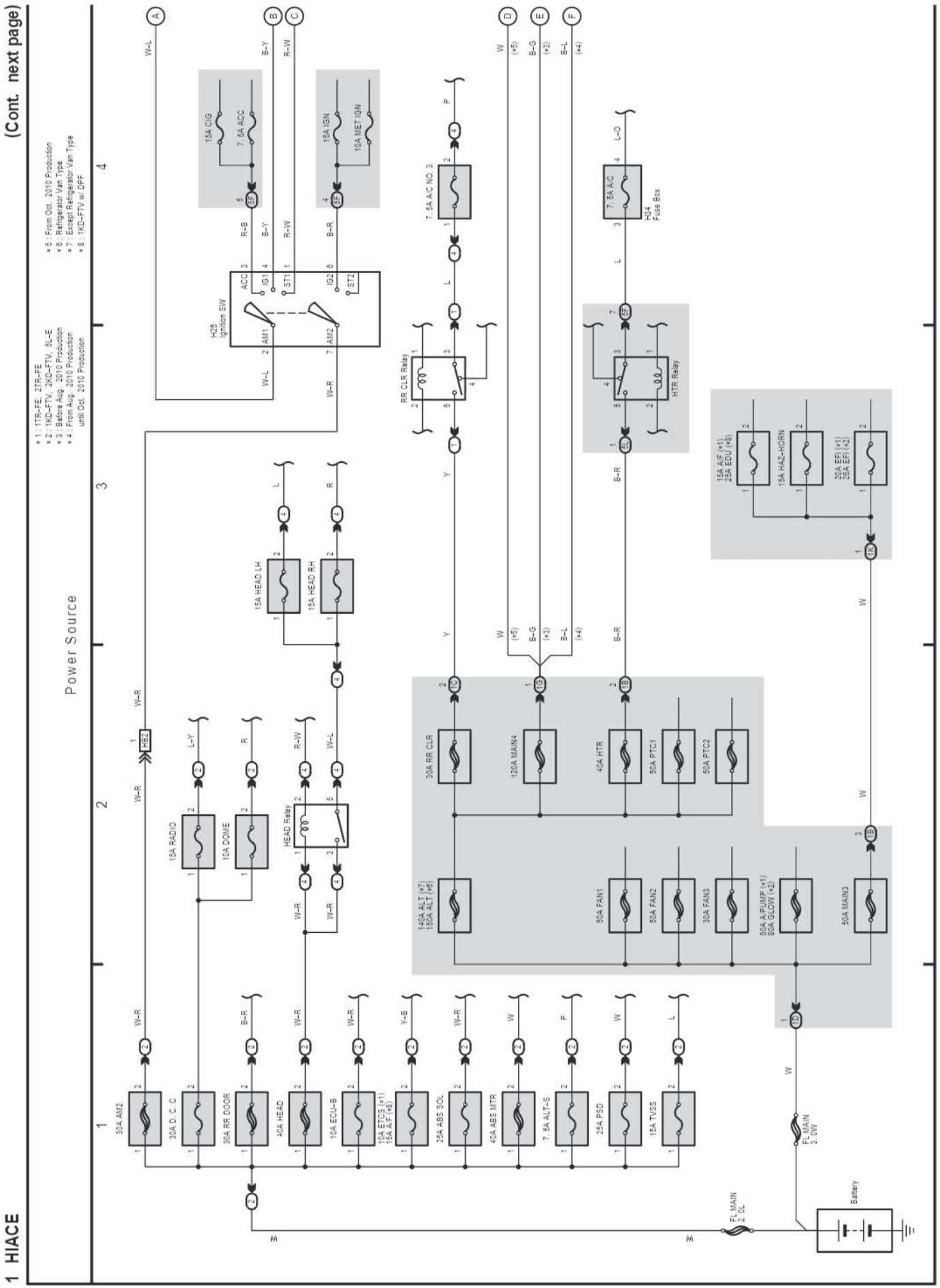
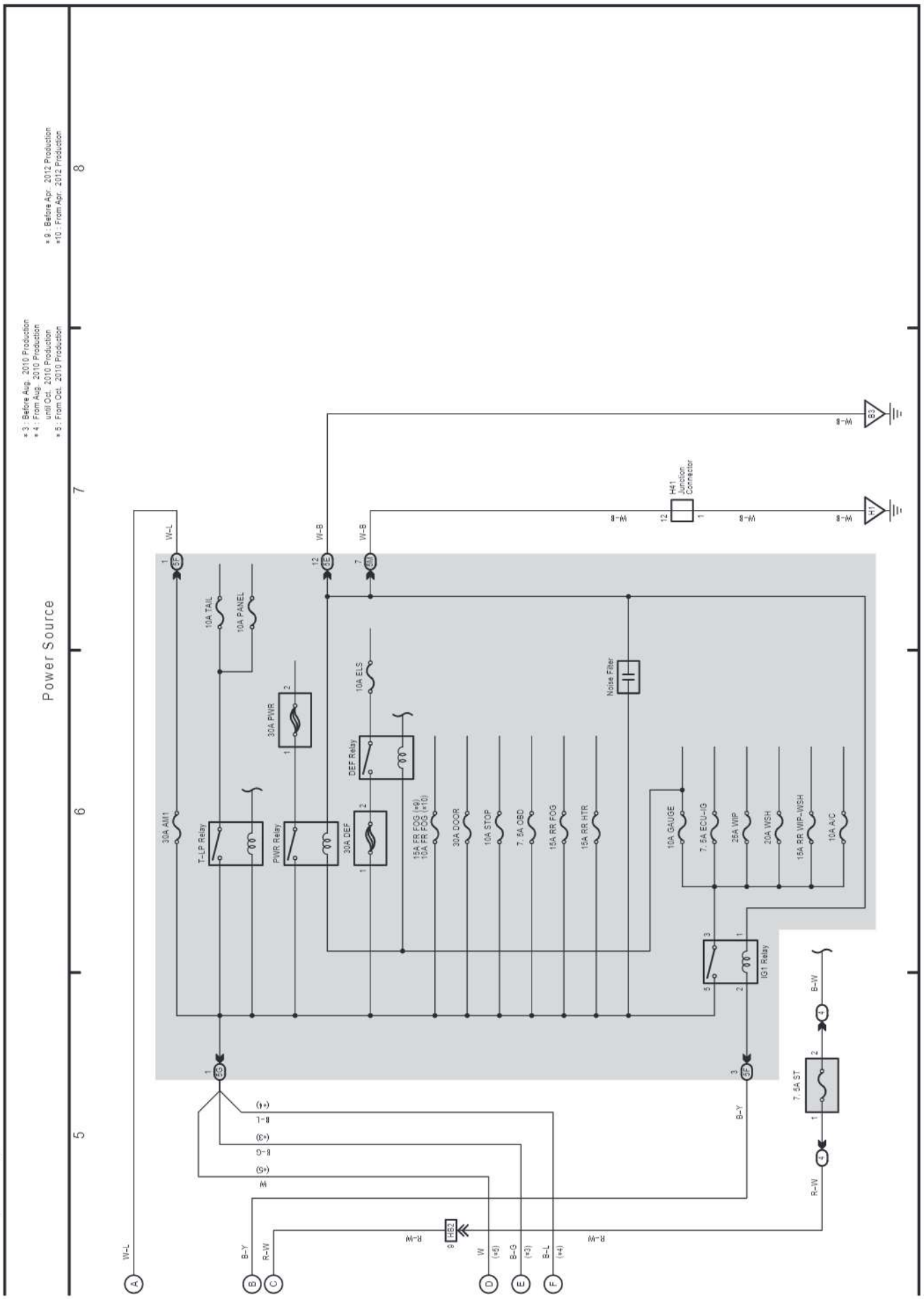
cardiagn.com

M OVERALL ELECTRICAL WIRING DIAGRAM



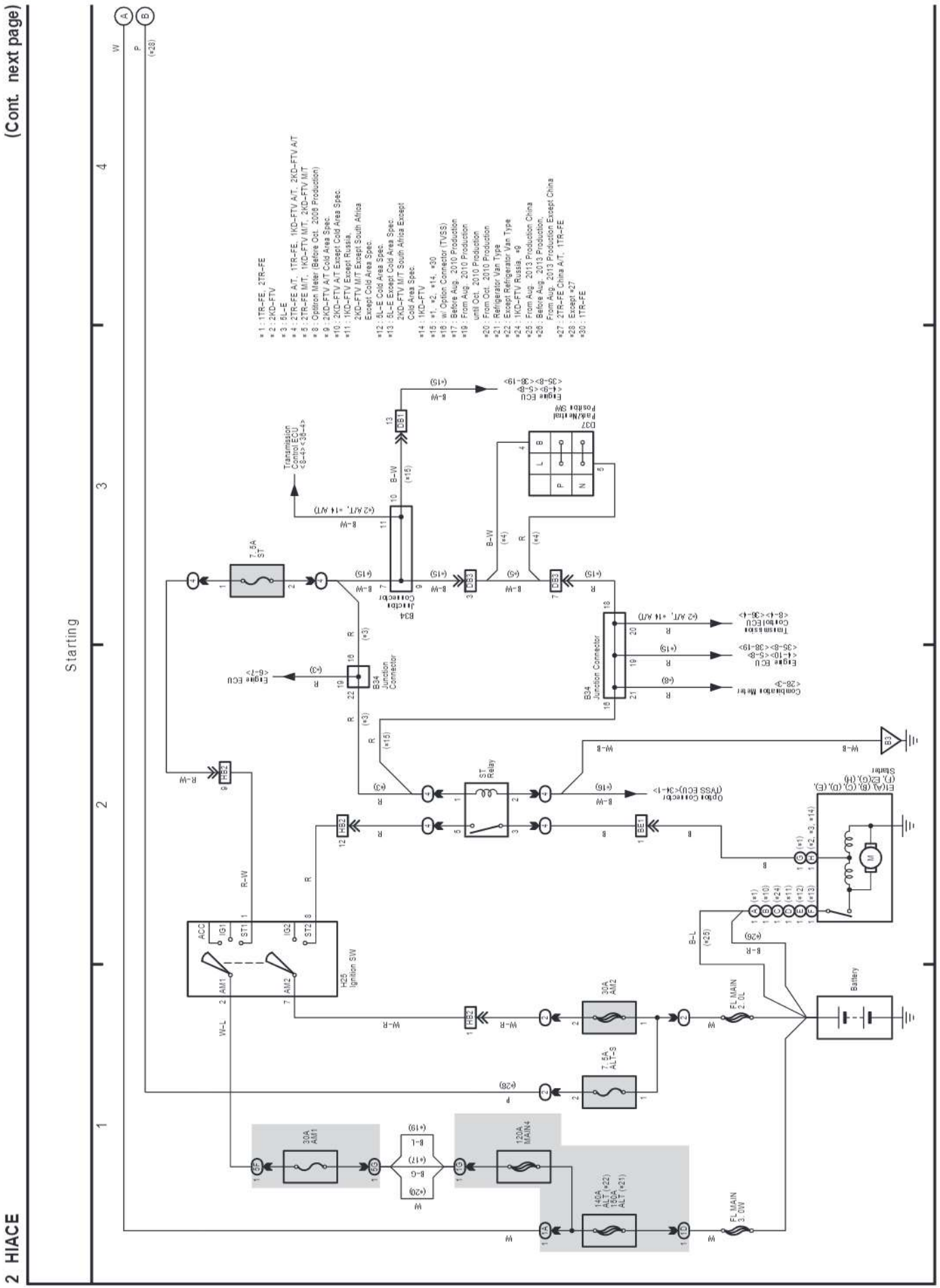
cardiagn.com

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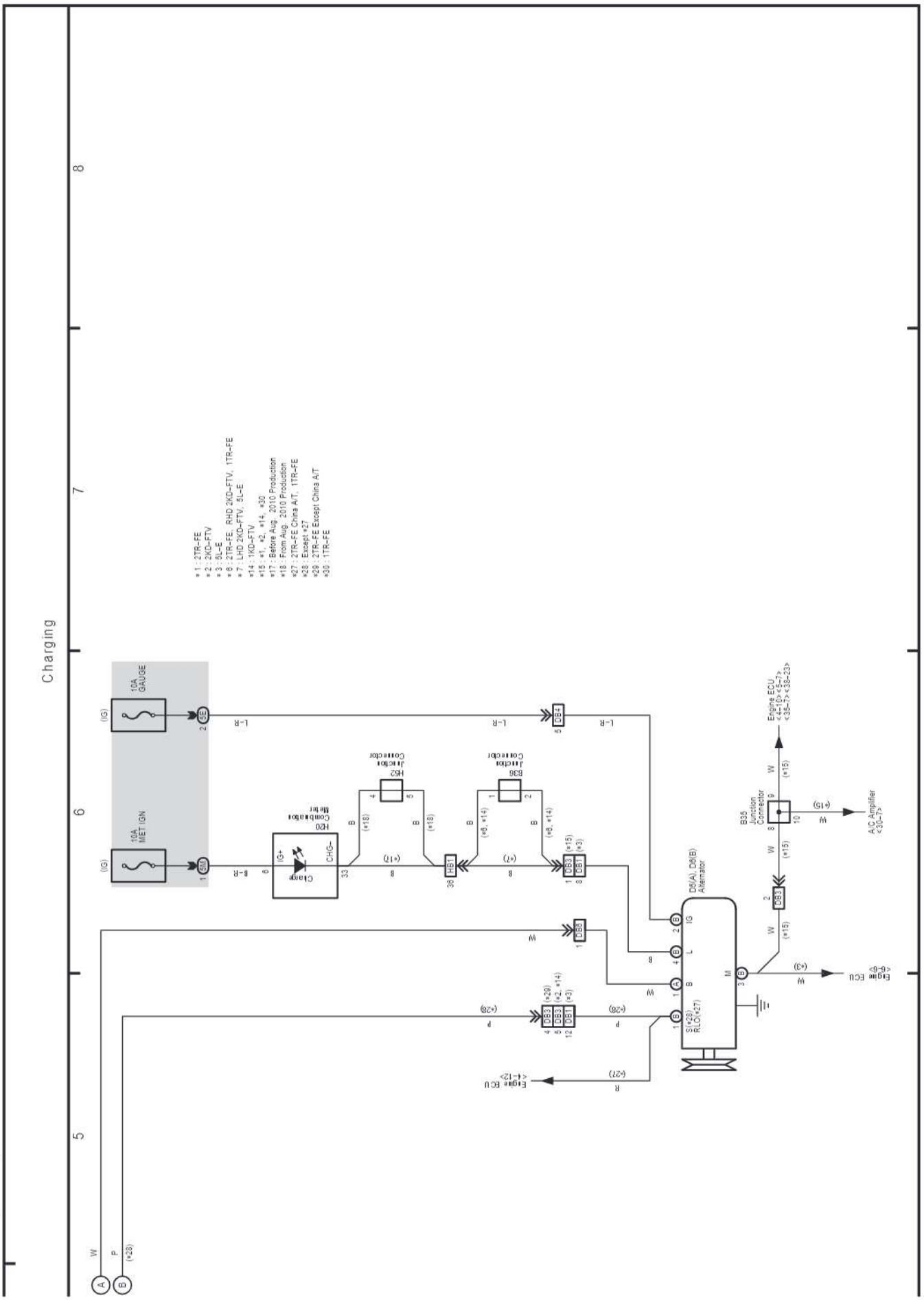
cardiagn.com

M OVERALL ELECTRICAL WIRING DIAGRAM



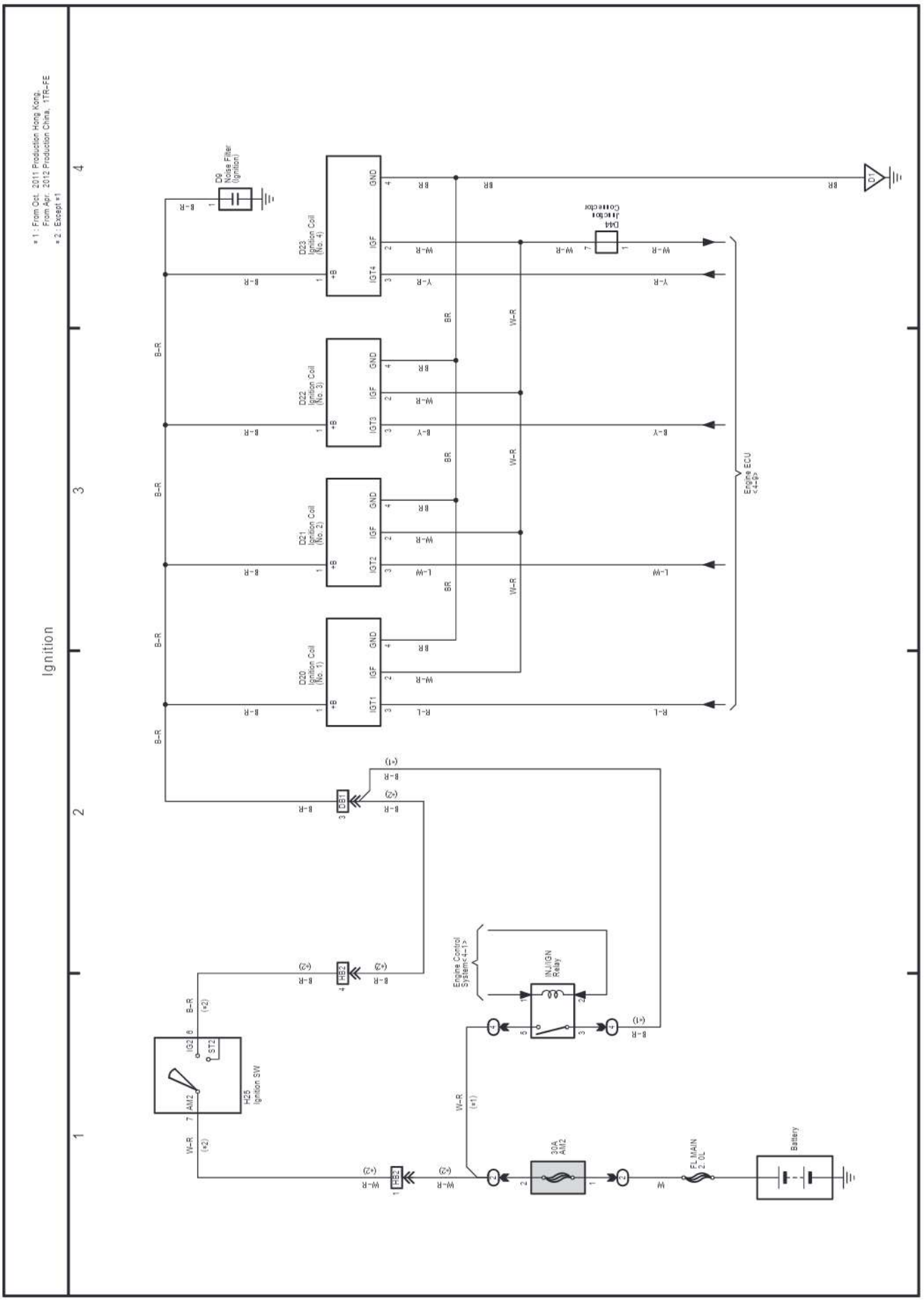
cardiagn.com

2 HIACE (Cont' d)



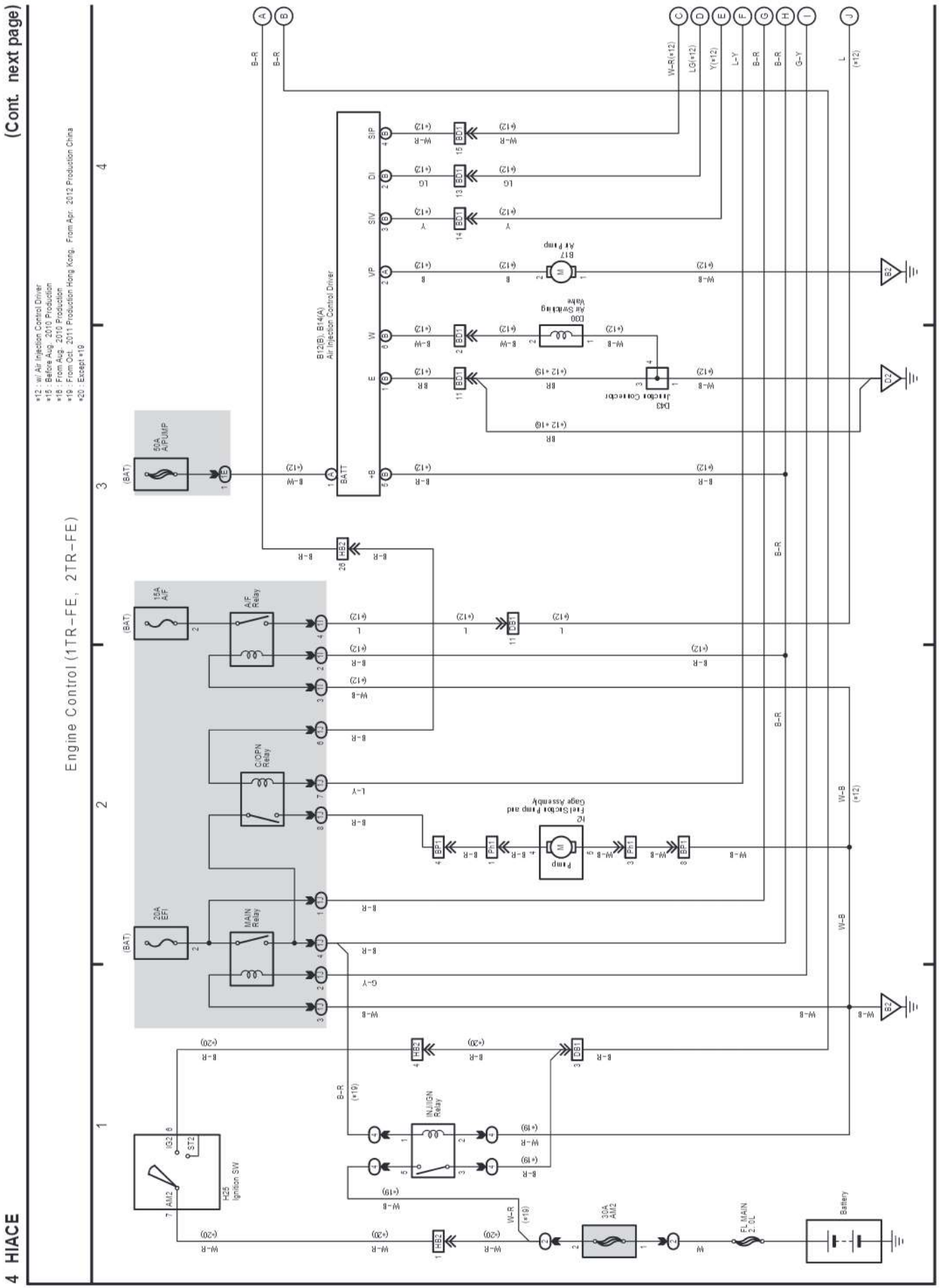
cardiagn.com

M OVERALL ELECTRICAL WIRING DIAGRAM



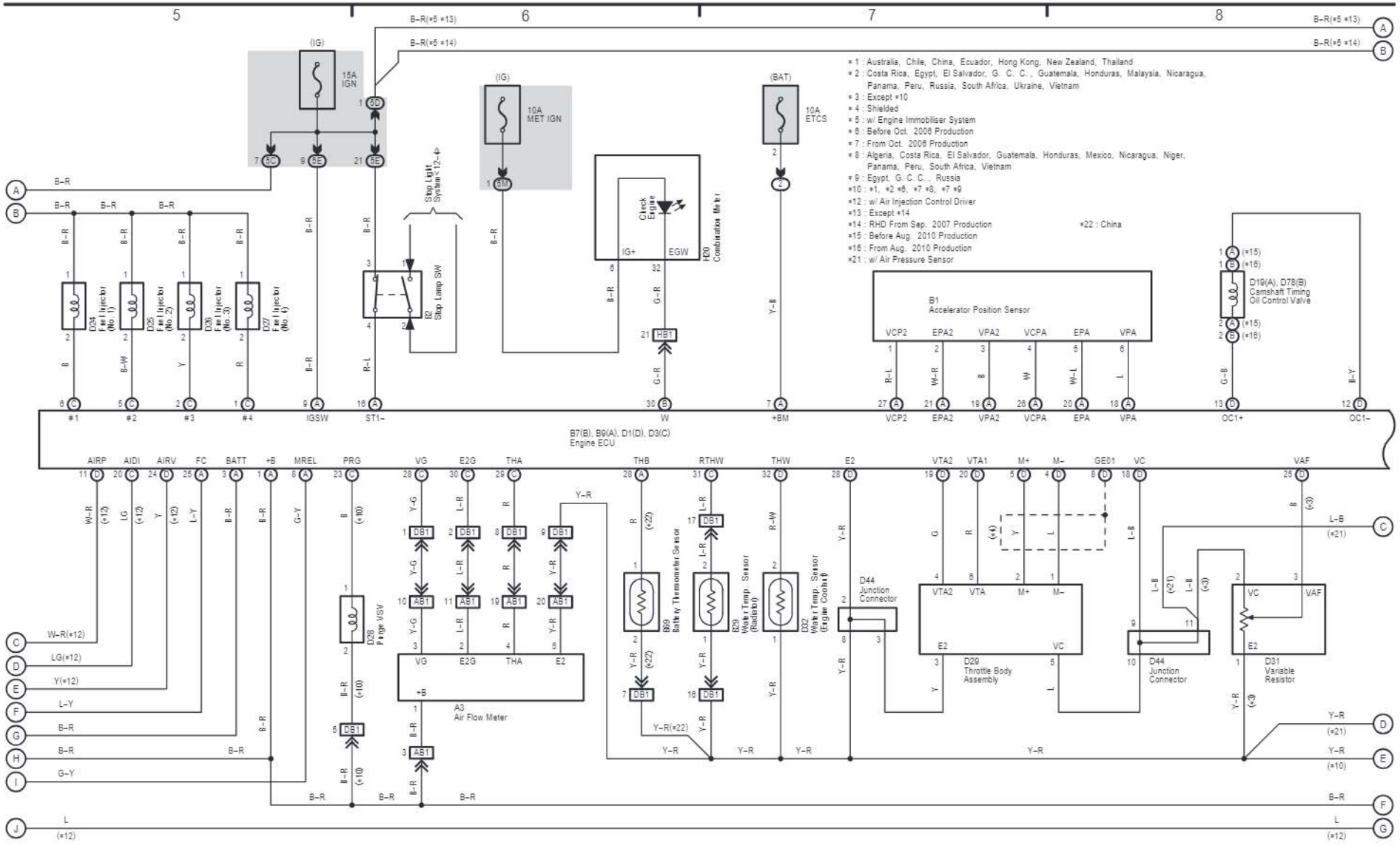
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M OVERALL ELECTRICAL WIRING DIAGRAM



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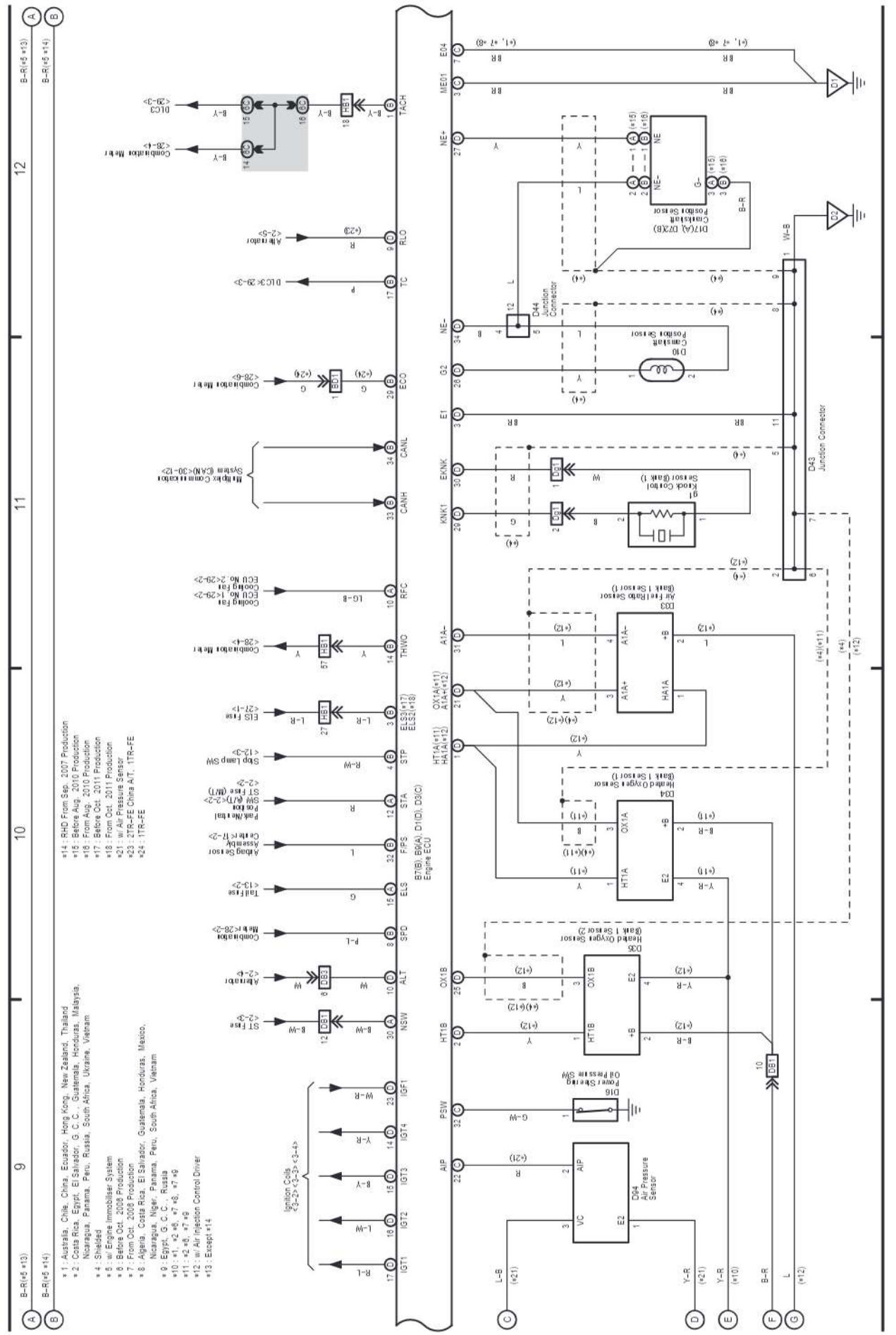
Engine Control (1TR–FE, 2TR–FE)



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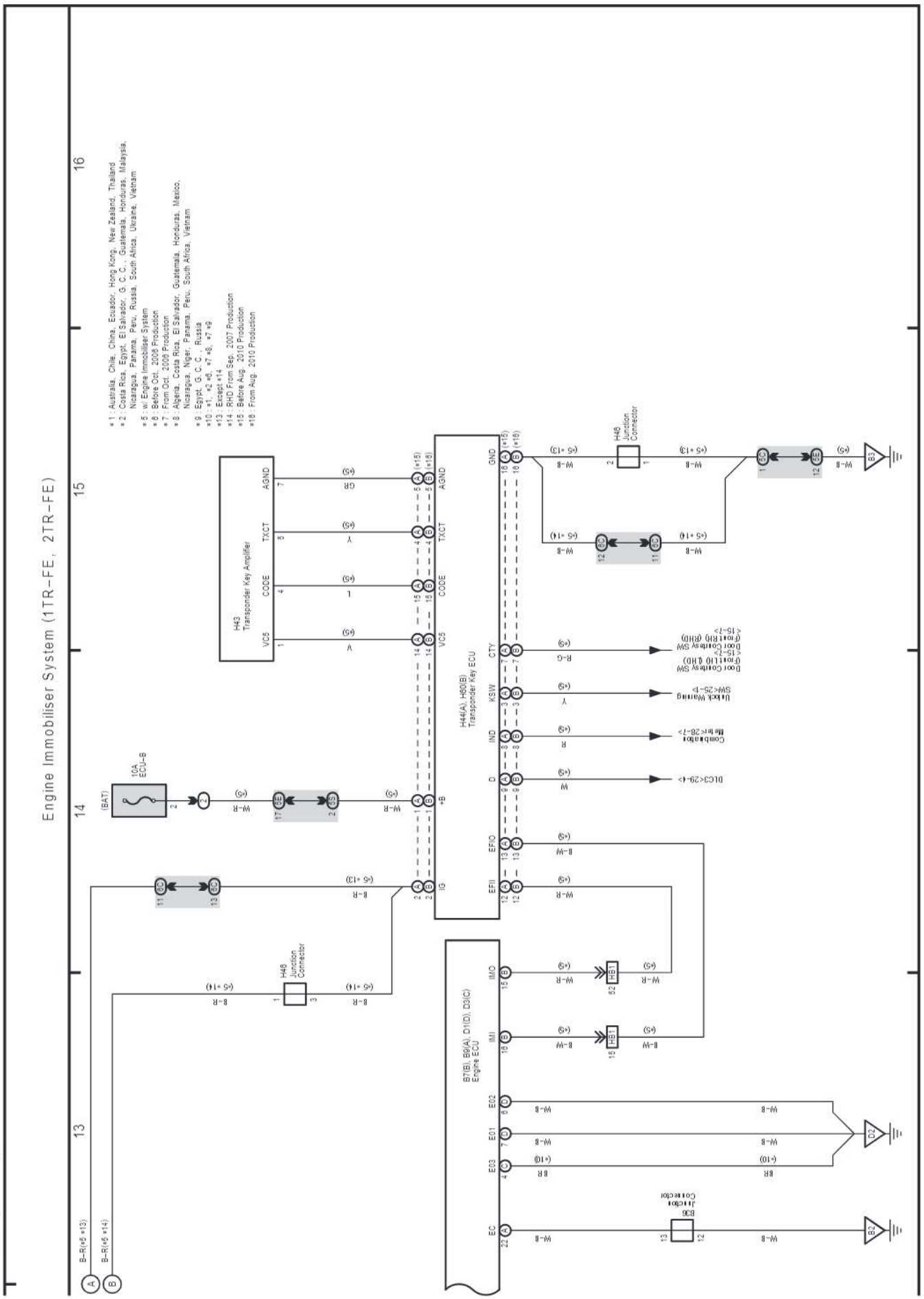
cardiagn.com

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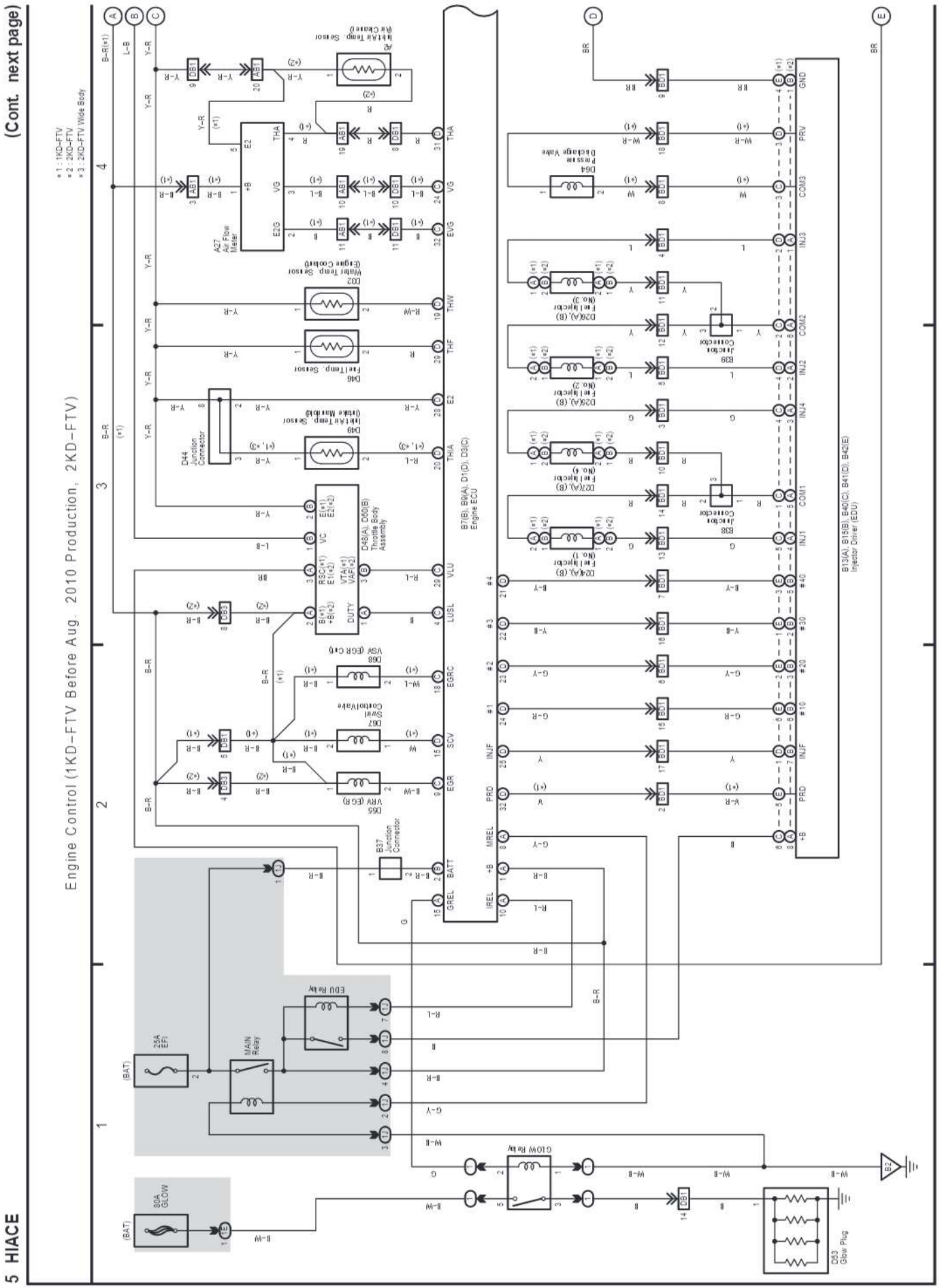
cardiagn.com

4 HIACE (Cont' d)



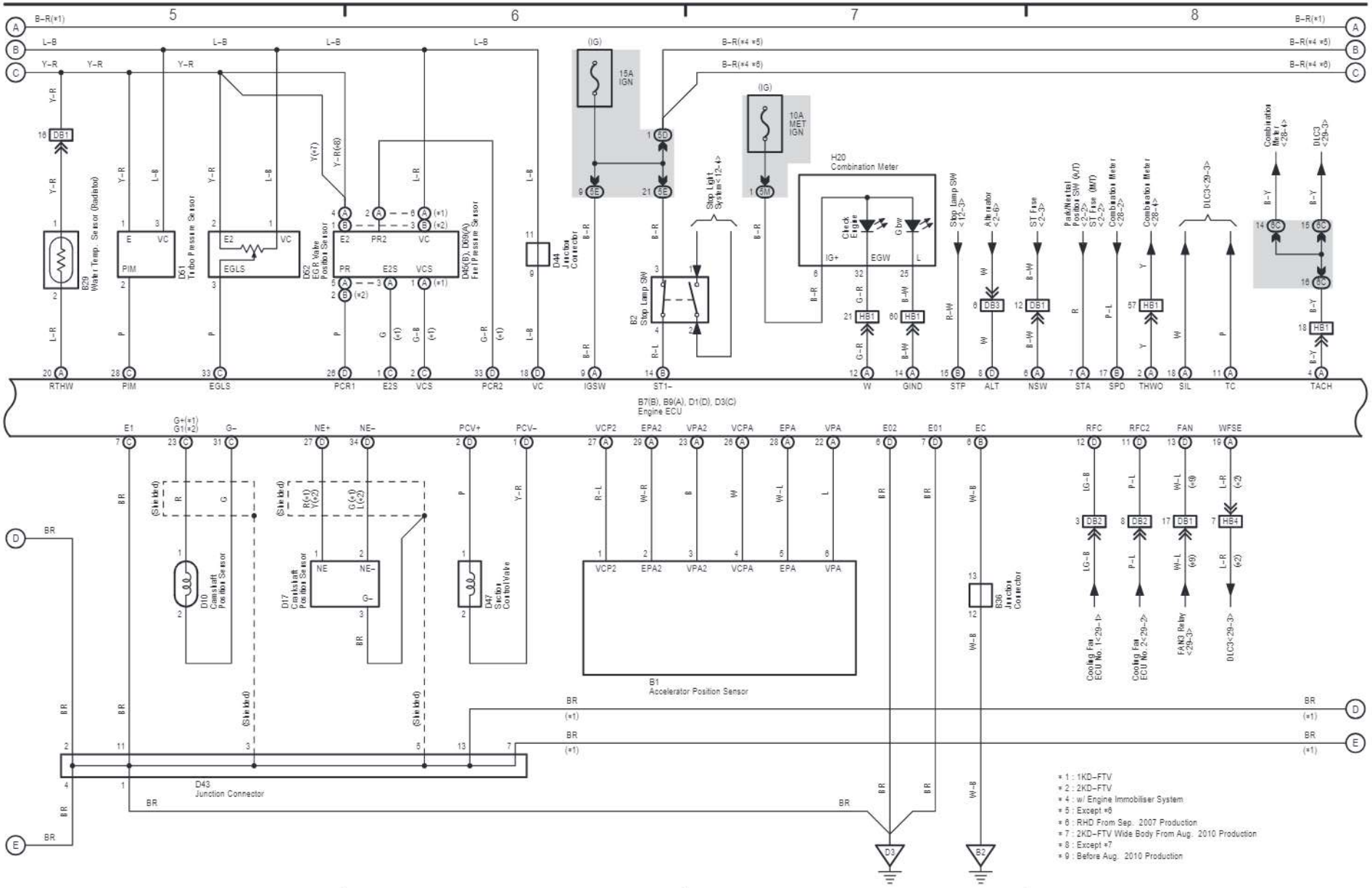
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M OVERALL ELECTRICAL WIRING DIAGRAM



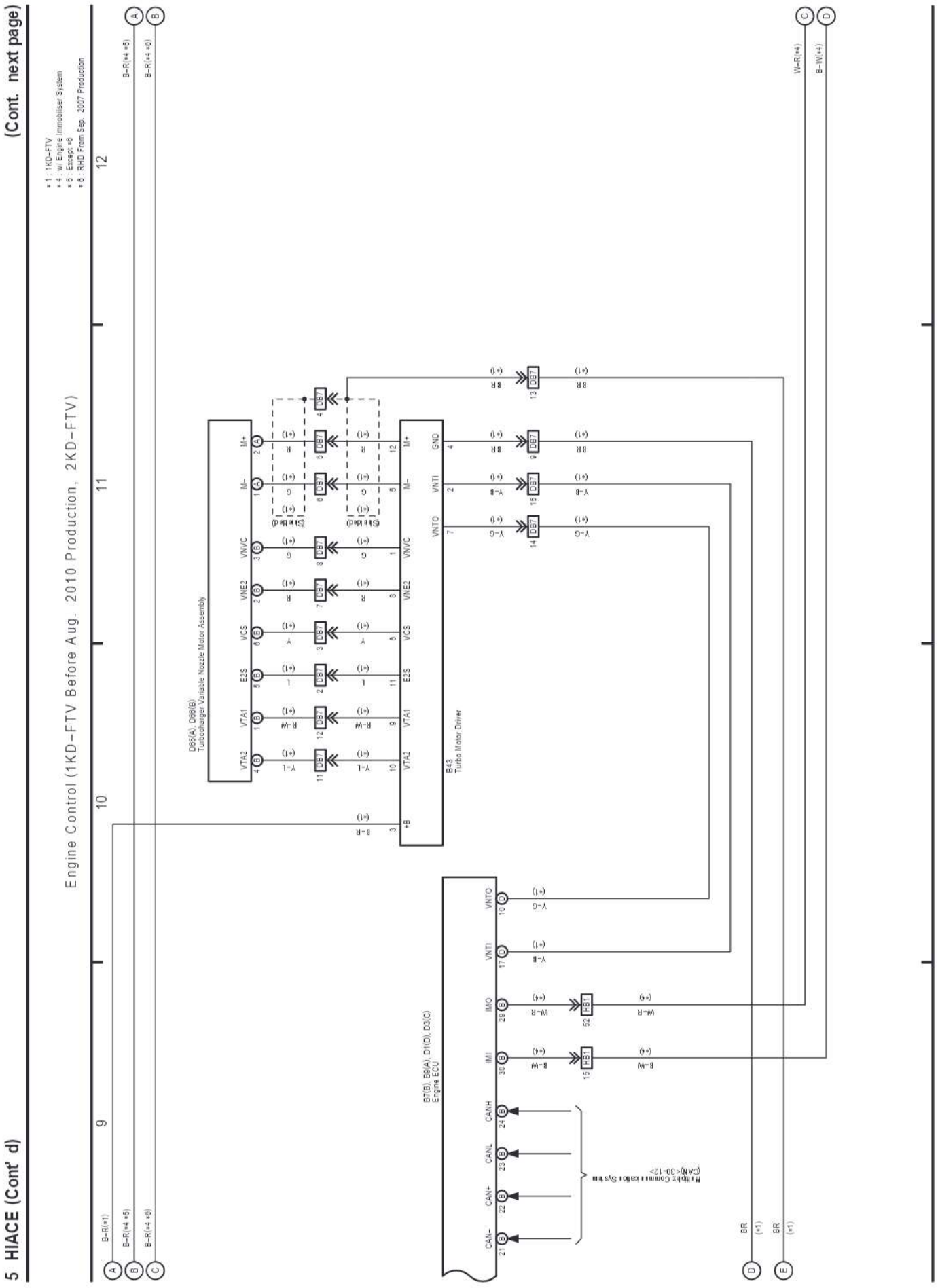
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Engine Control (1KD–FTV Before Aug. 2010 Production, 2KD–FTV)



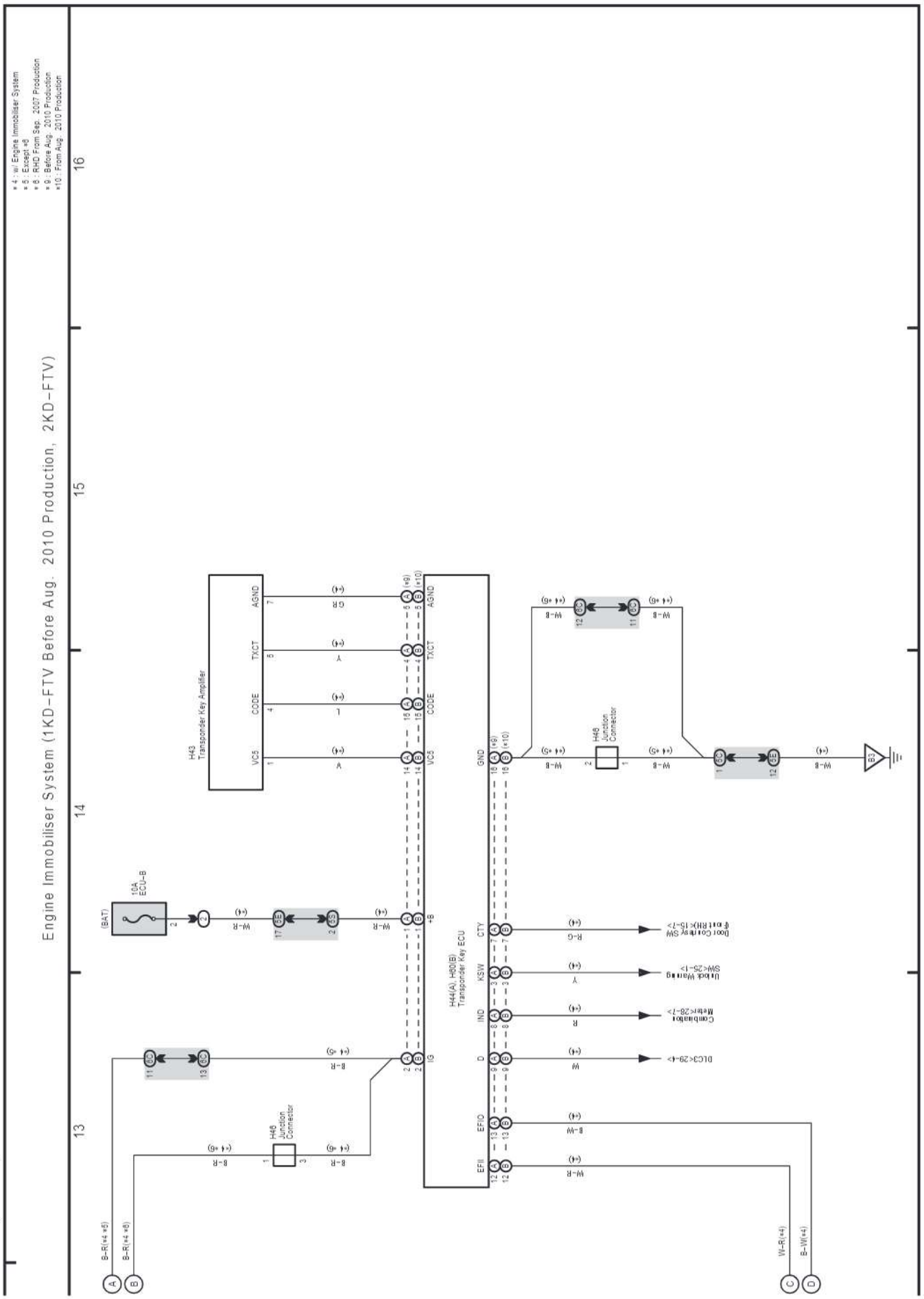
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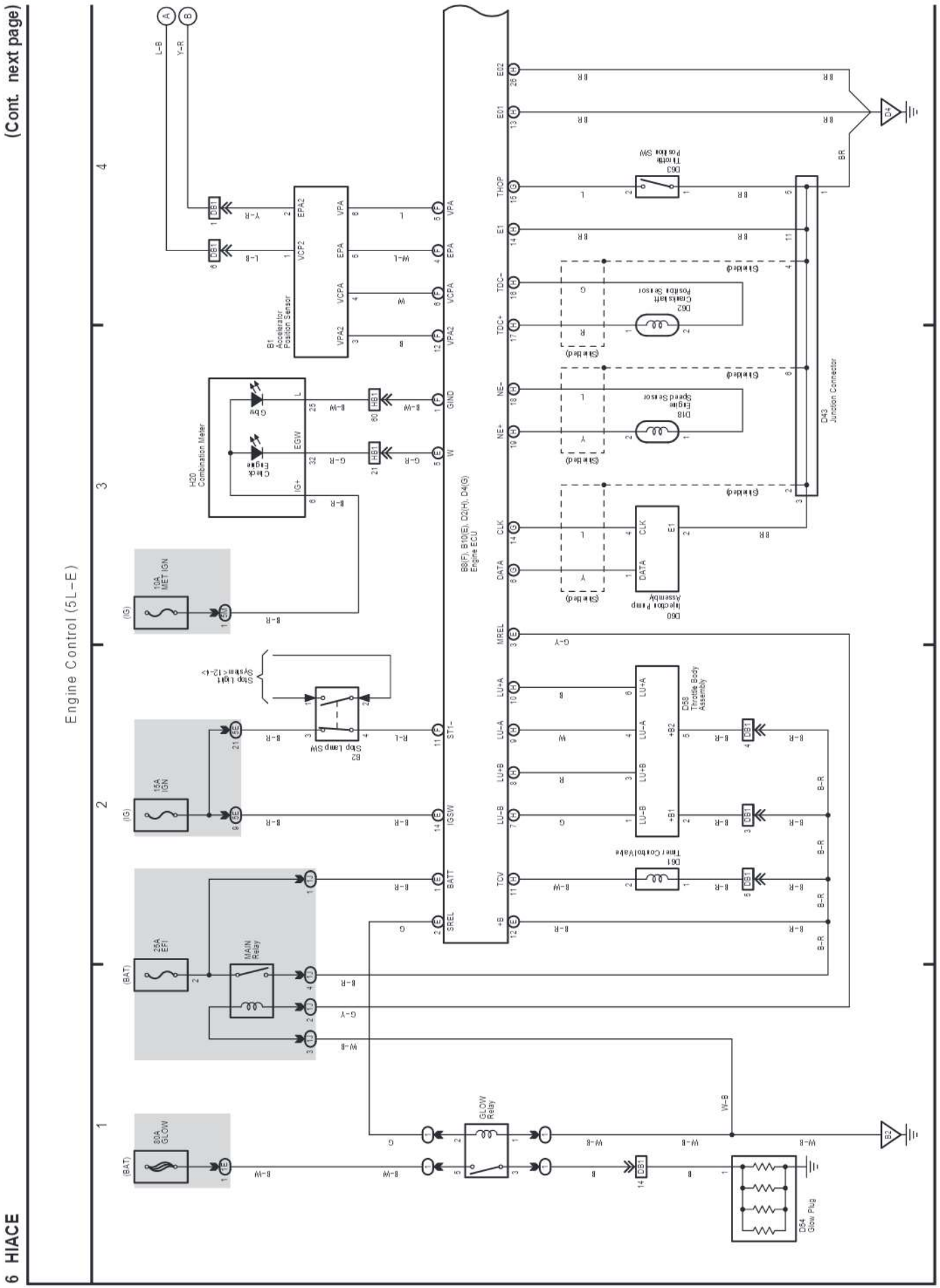
cardiagn.com

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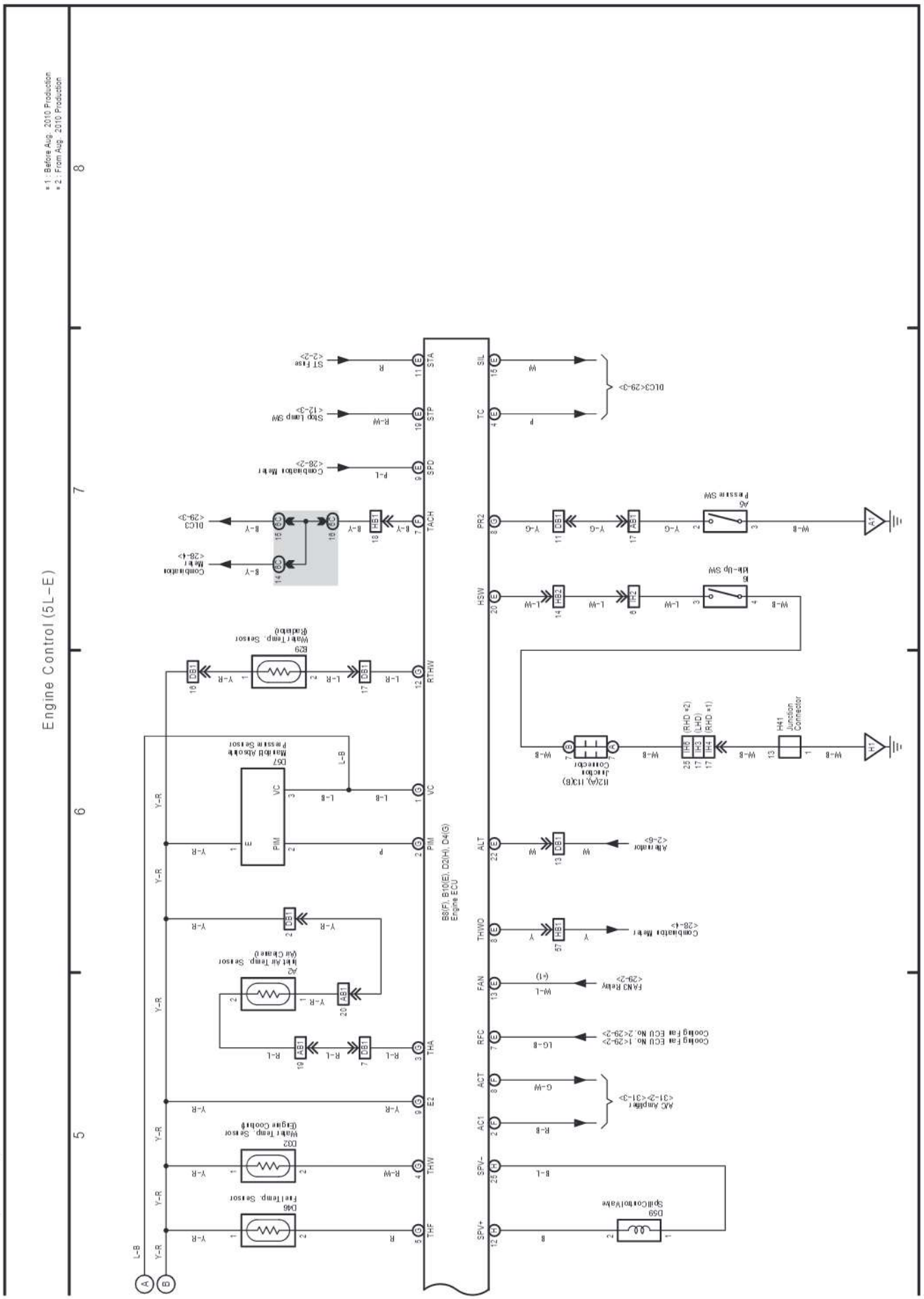
cardiagn.com

M OVERALL ELECTRICAL WIRING DIAGRAM



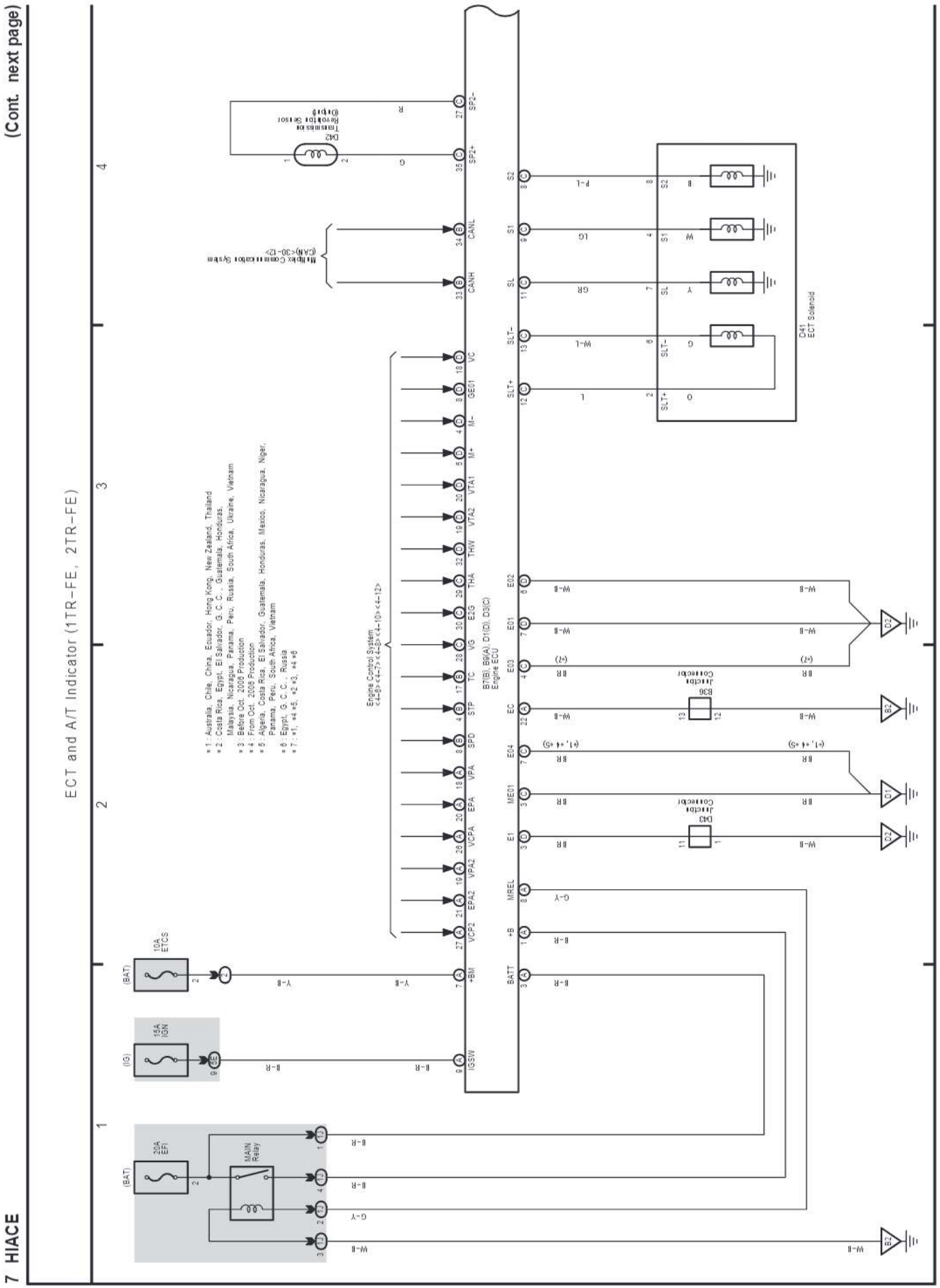
cardiagn.com

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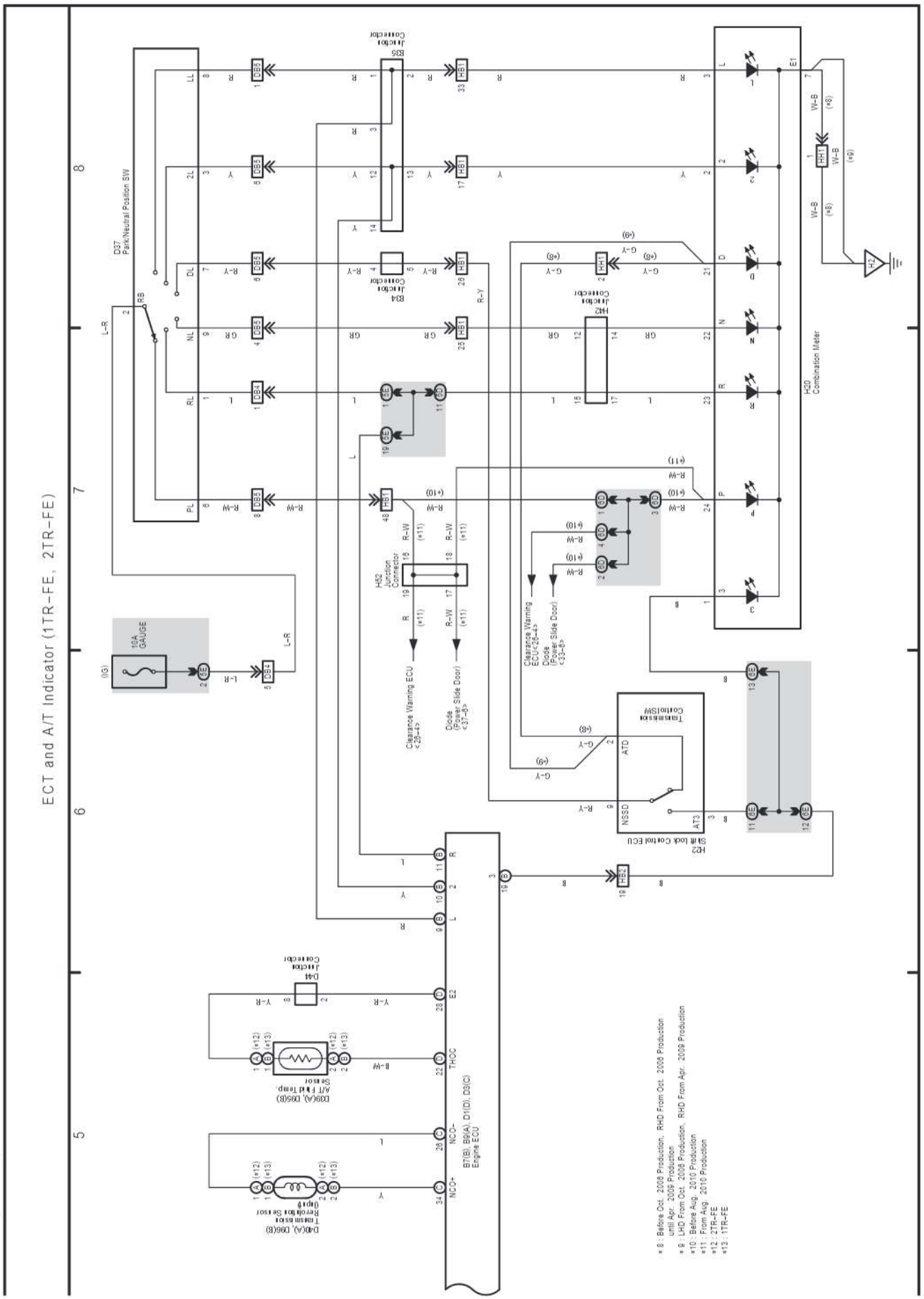
cardiagn.com

M OVERALL ELECTRICAL WIRING DIAGRAM



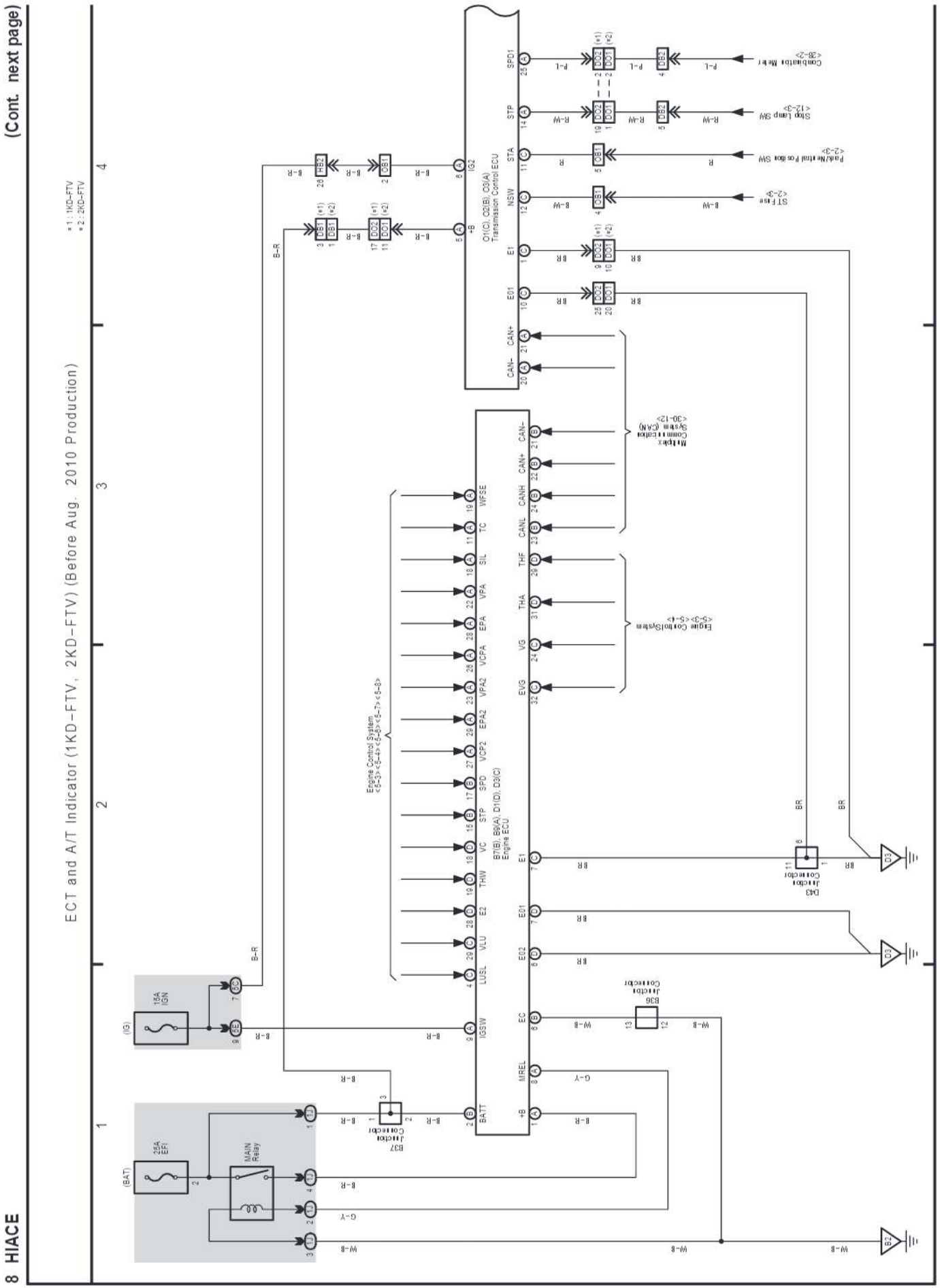
cardiagn.com

7 HIACE (Cont' d)



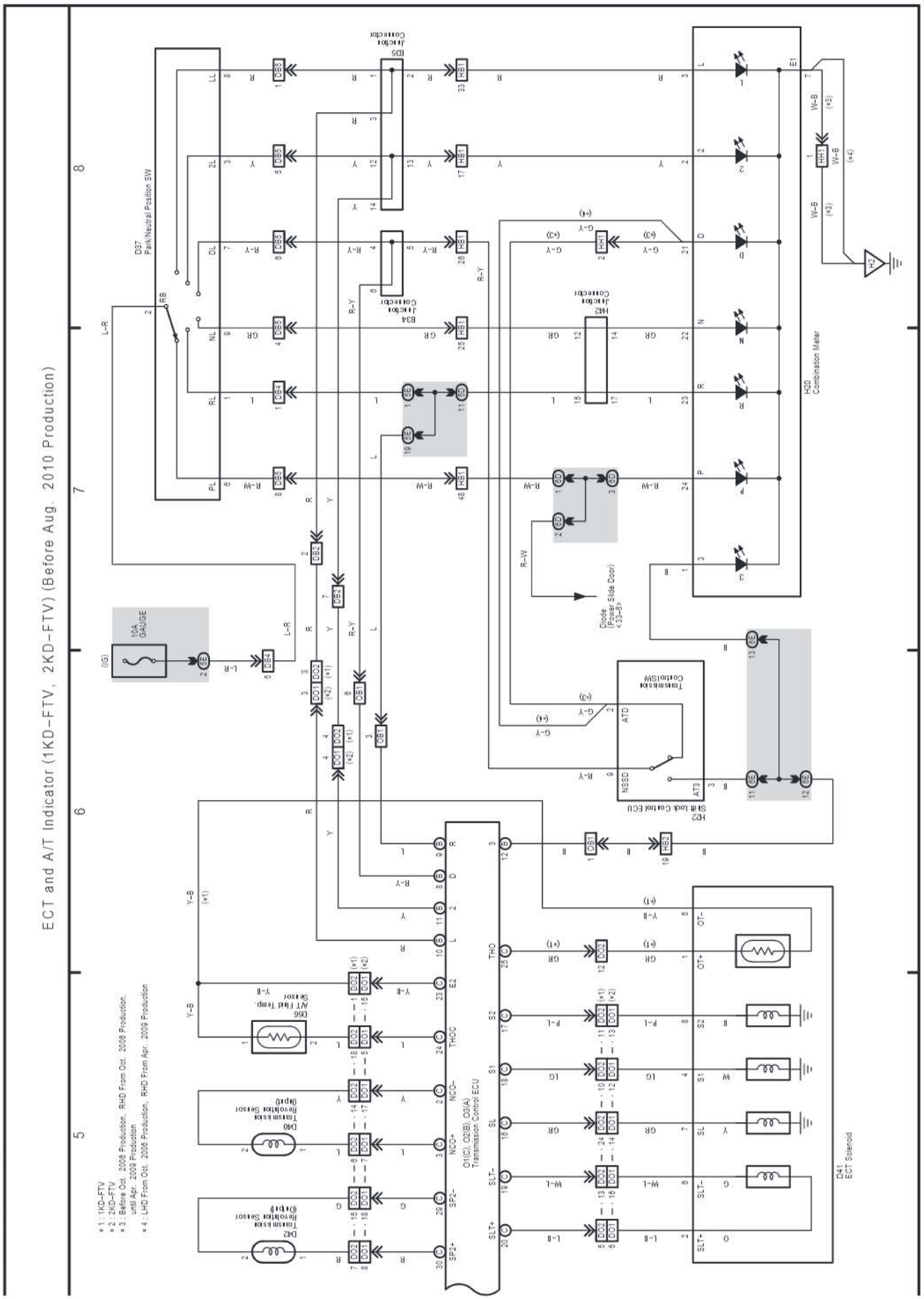
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M OVERALL ELECTRICAL WIRING DIAGRAM



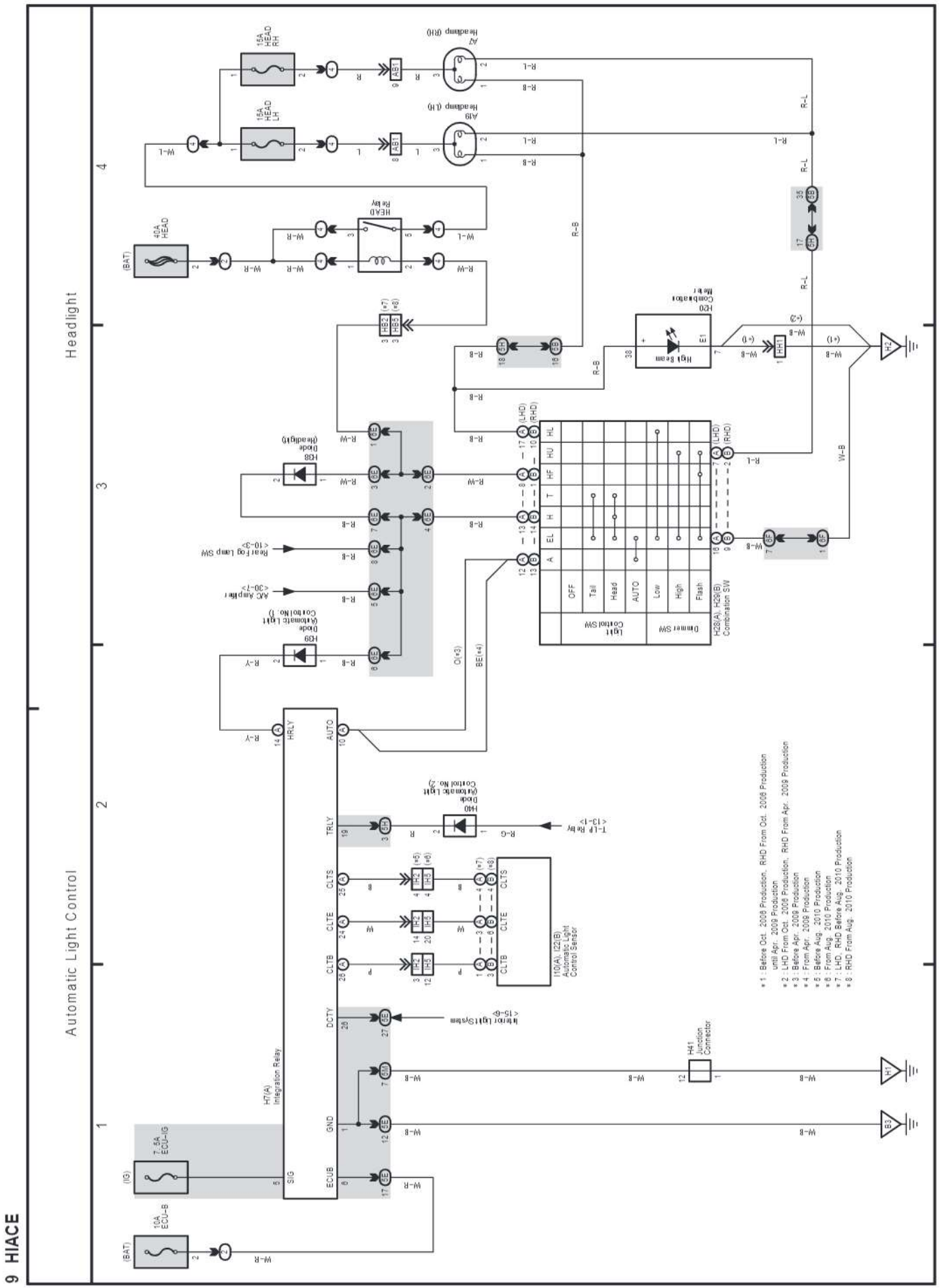
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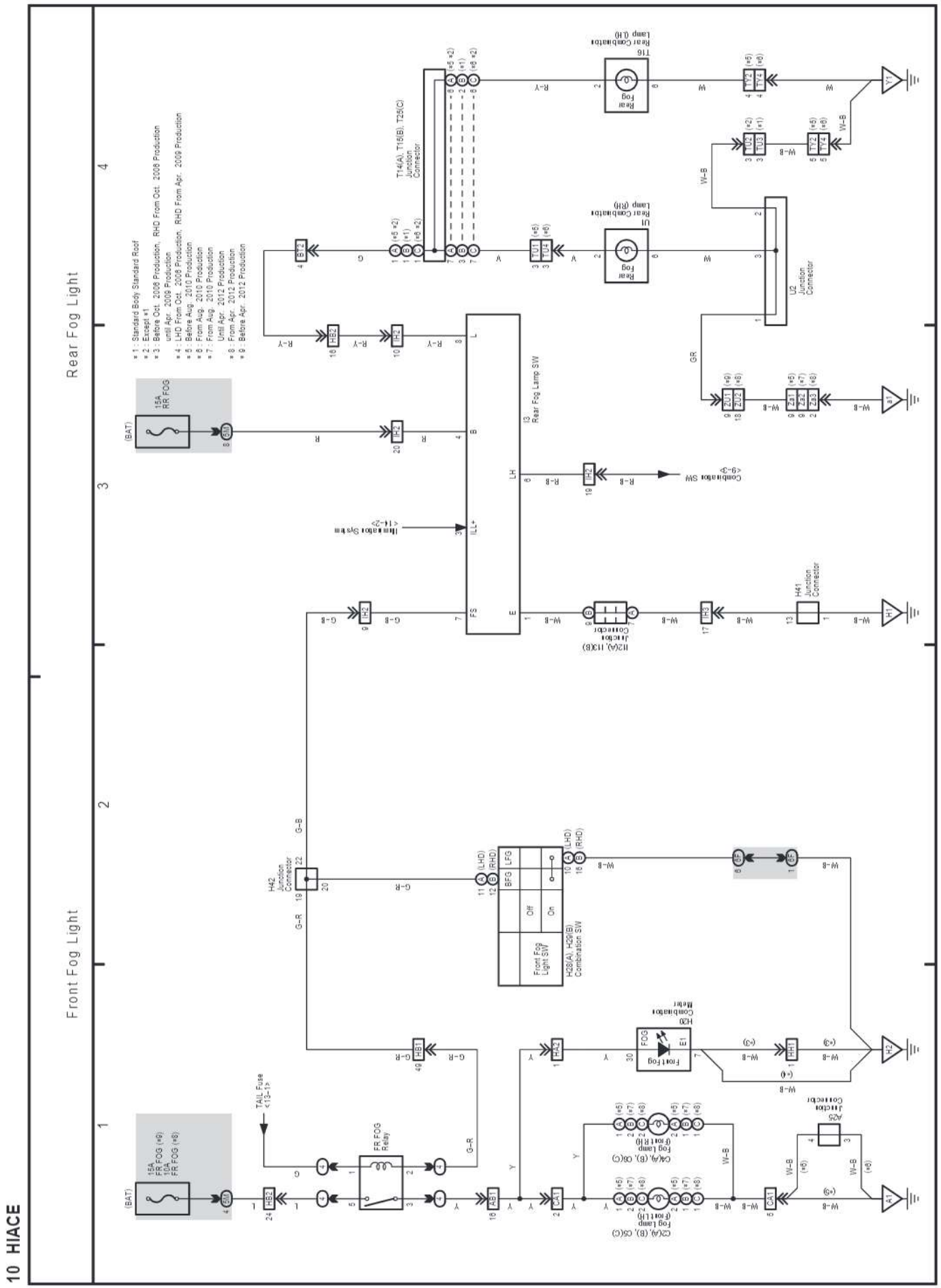


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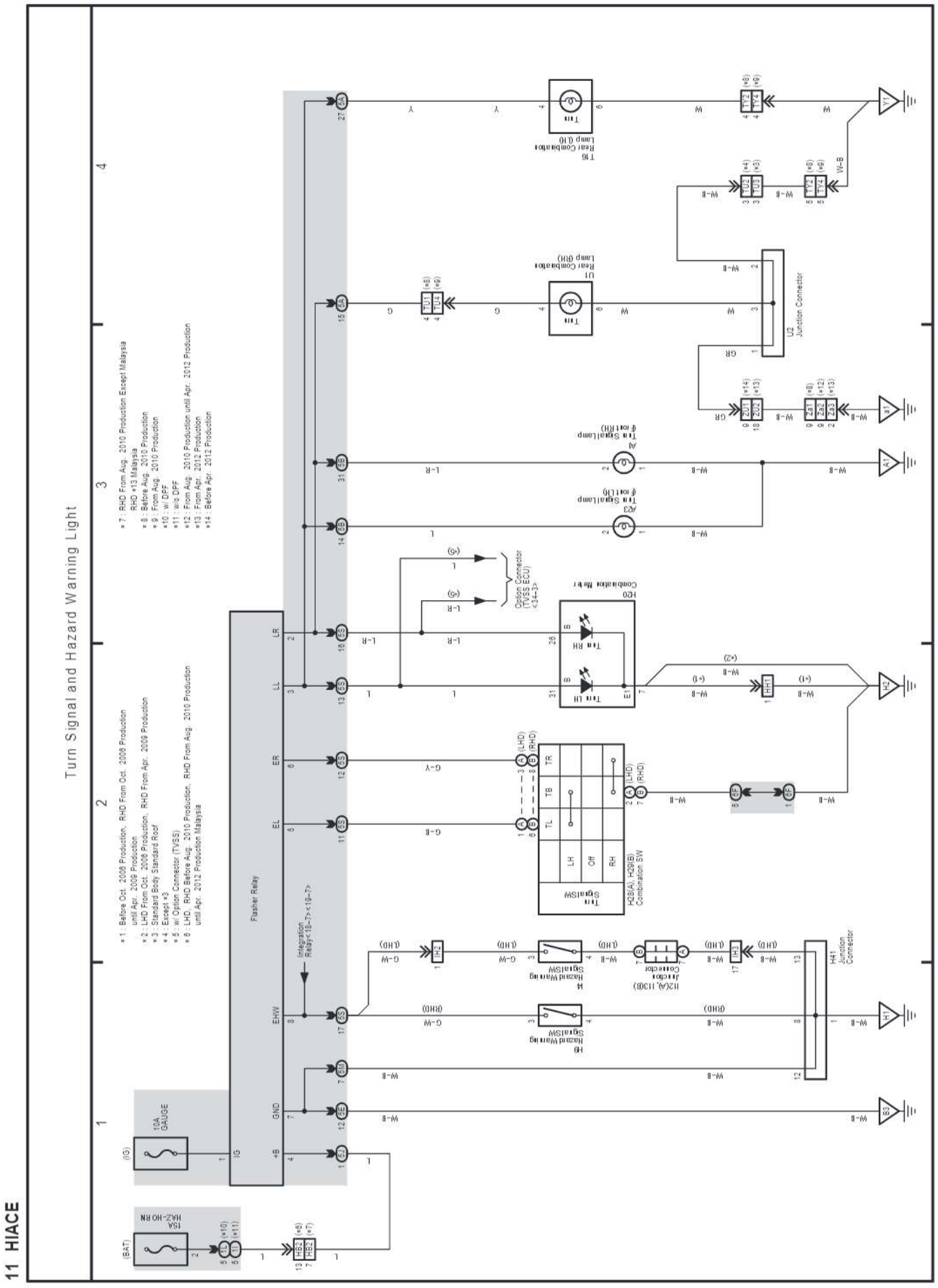


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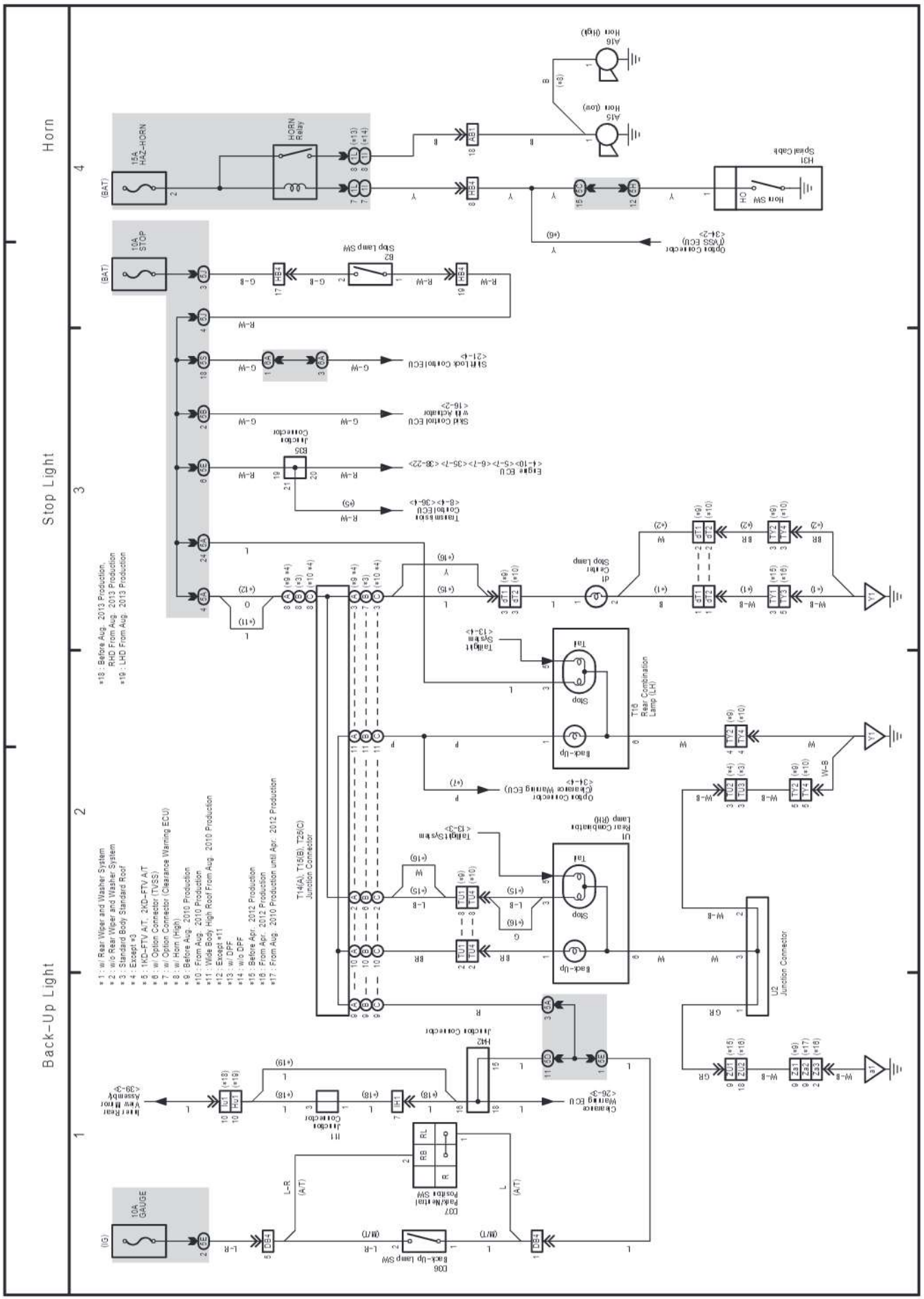


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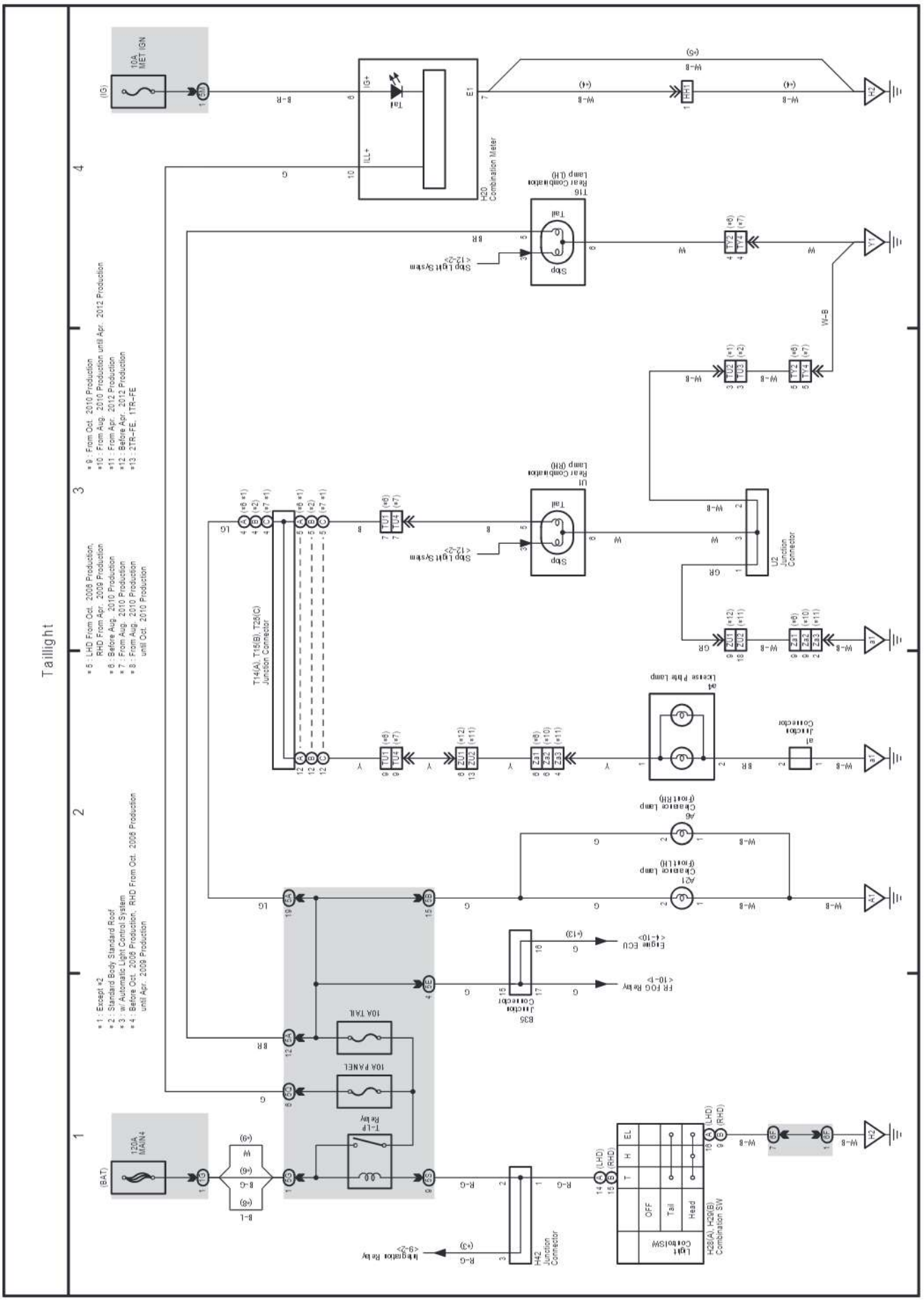


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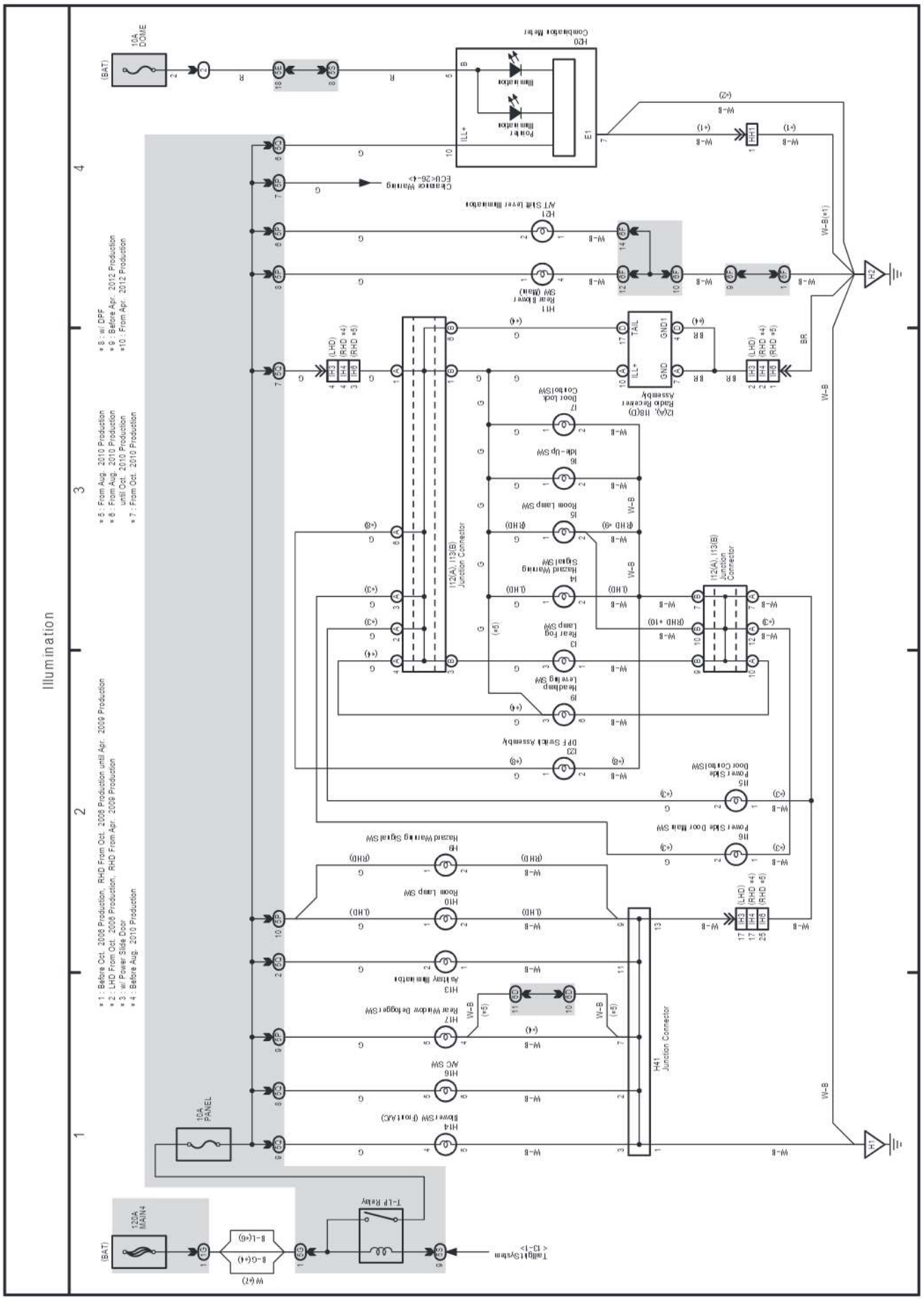


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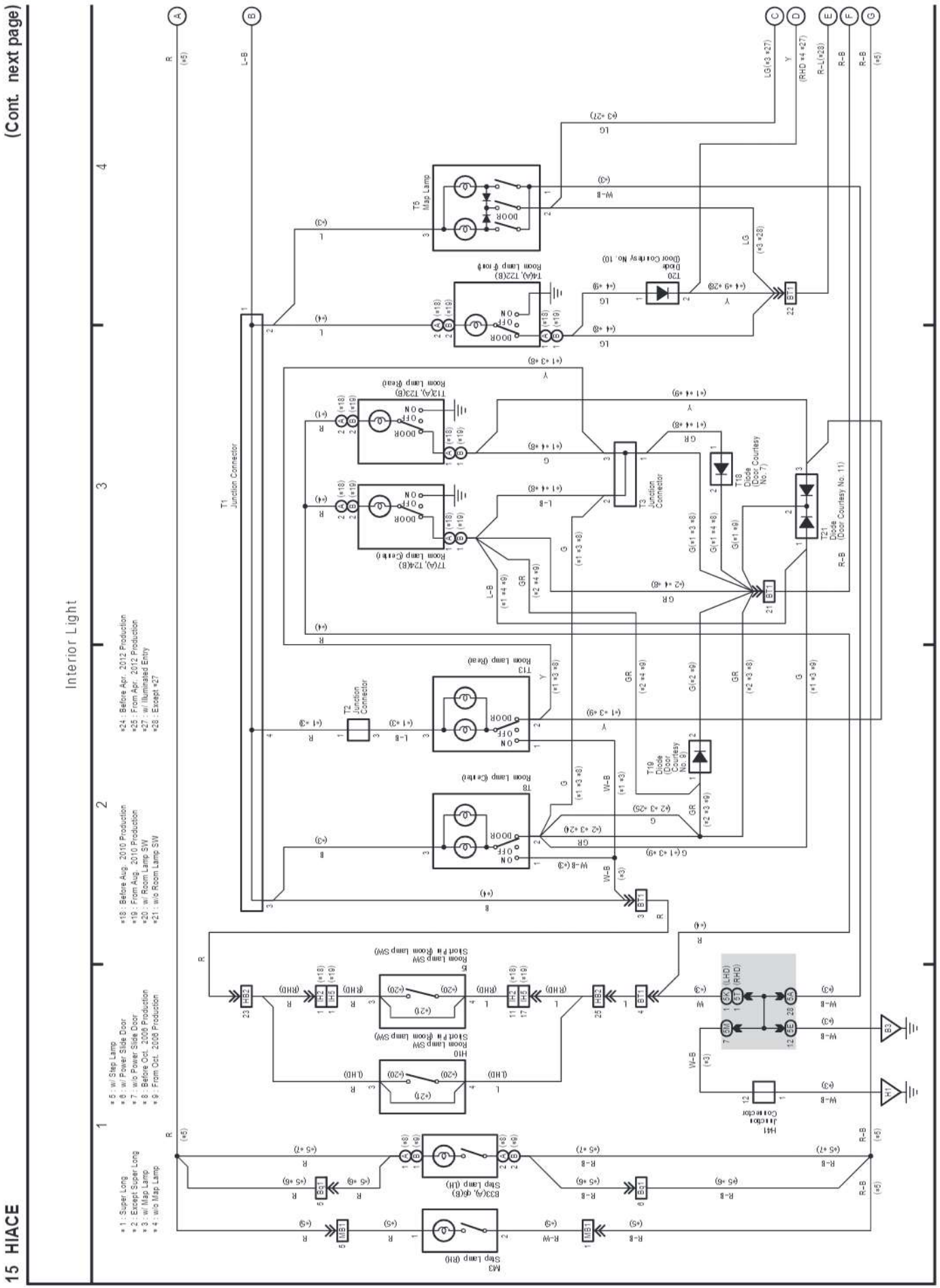


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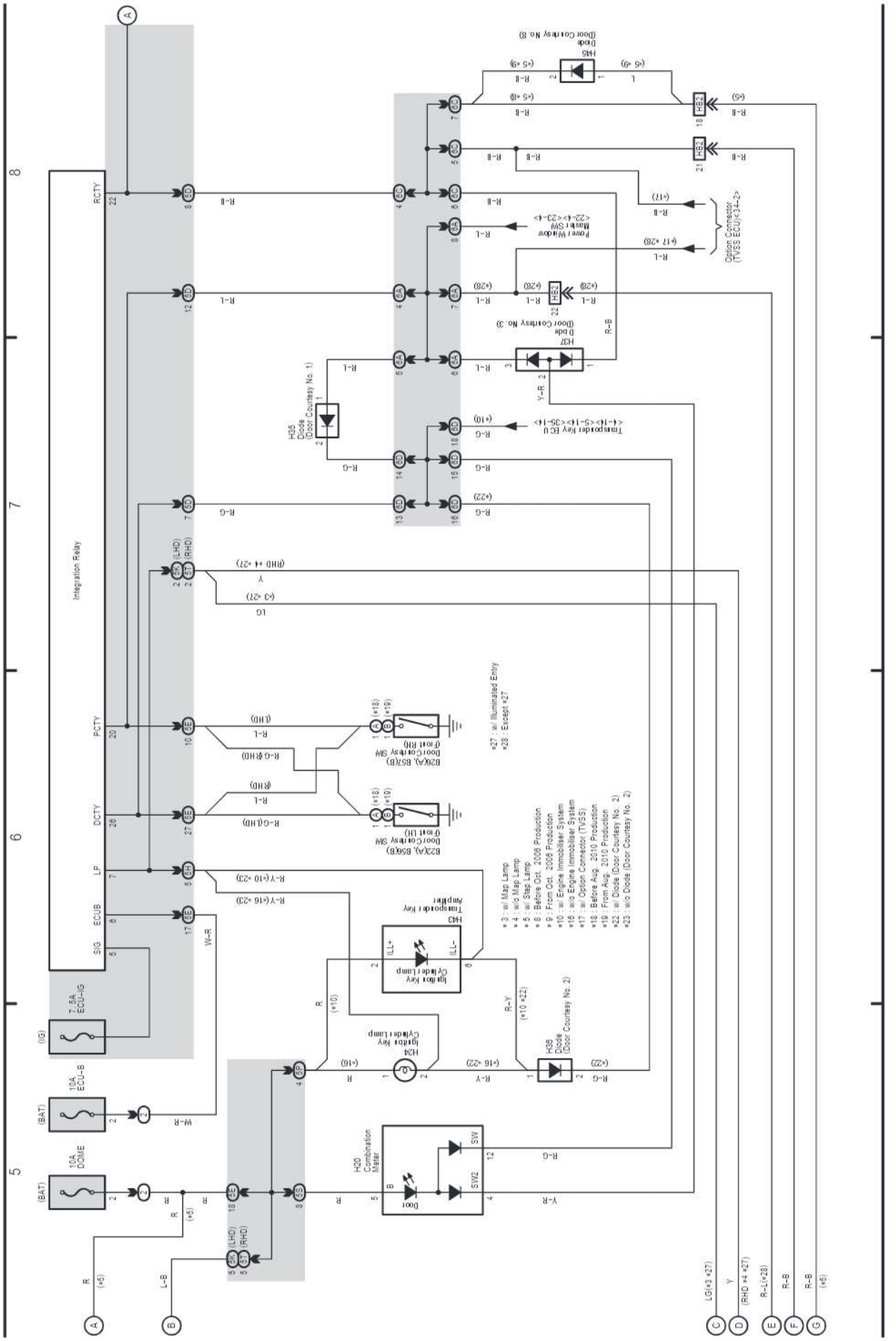
M OVERALL ELECTRICAL WIRING DIAGRAM



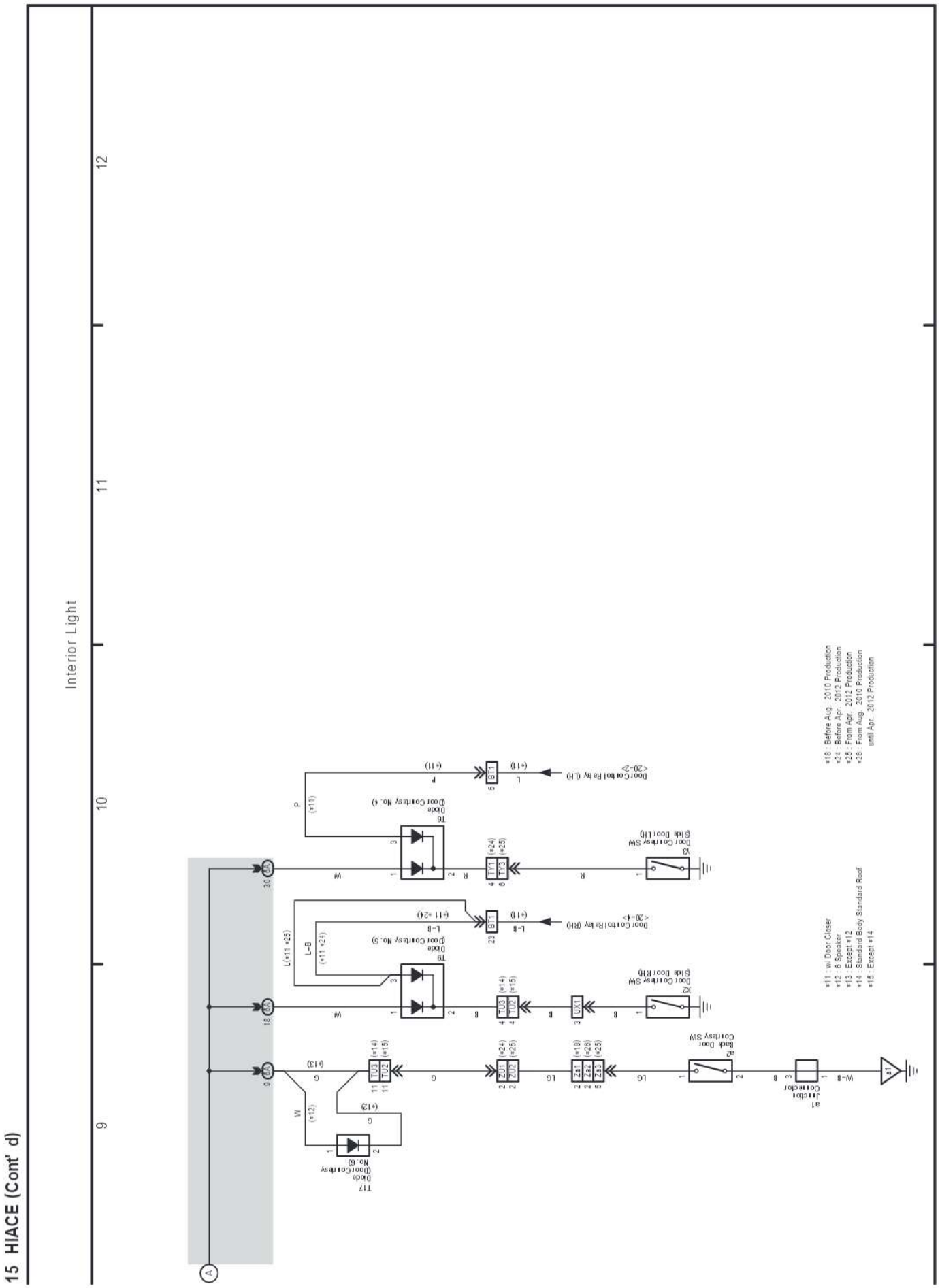
cardiagn.com

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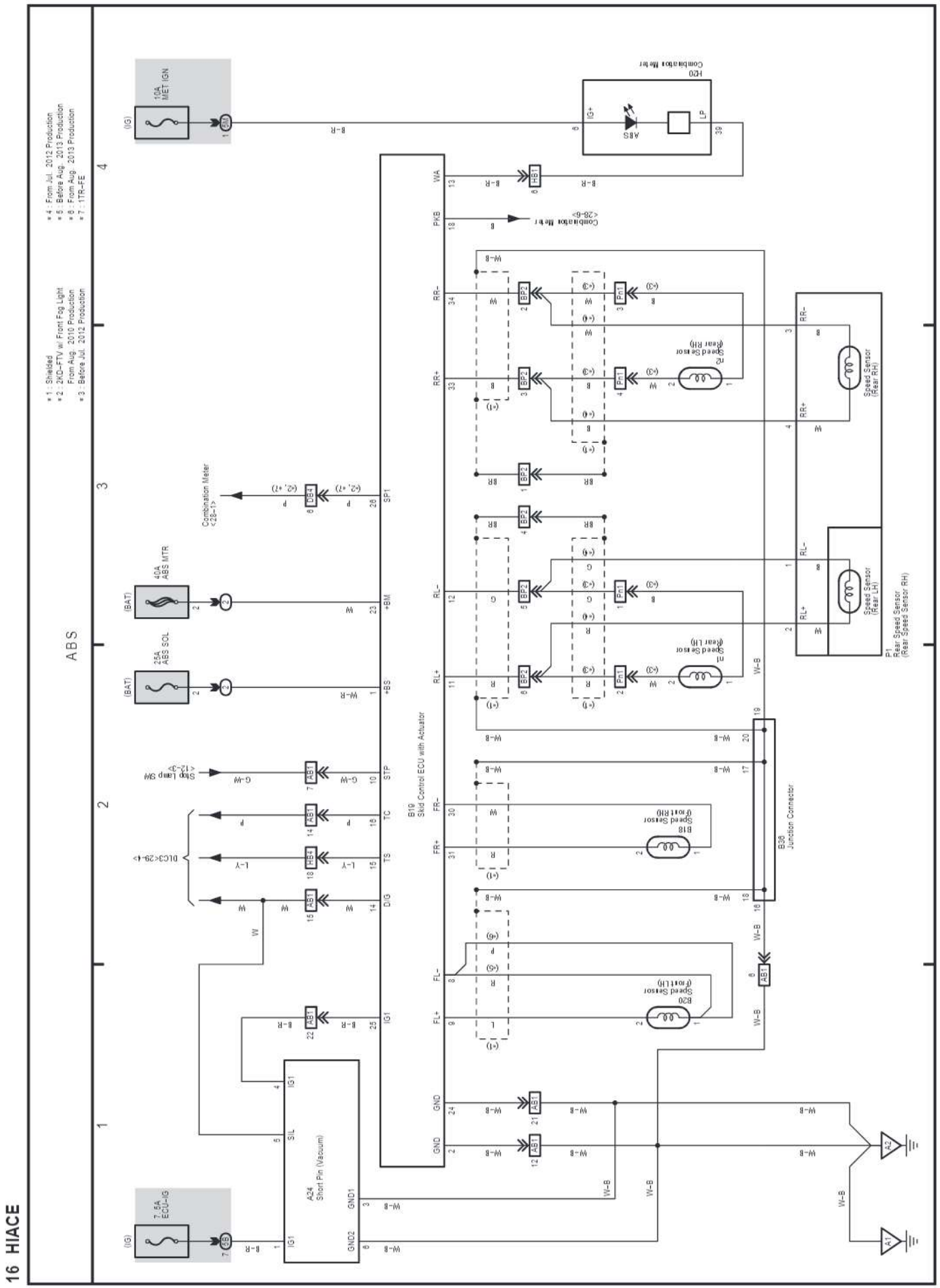
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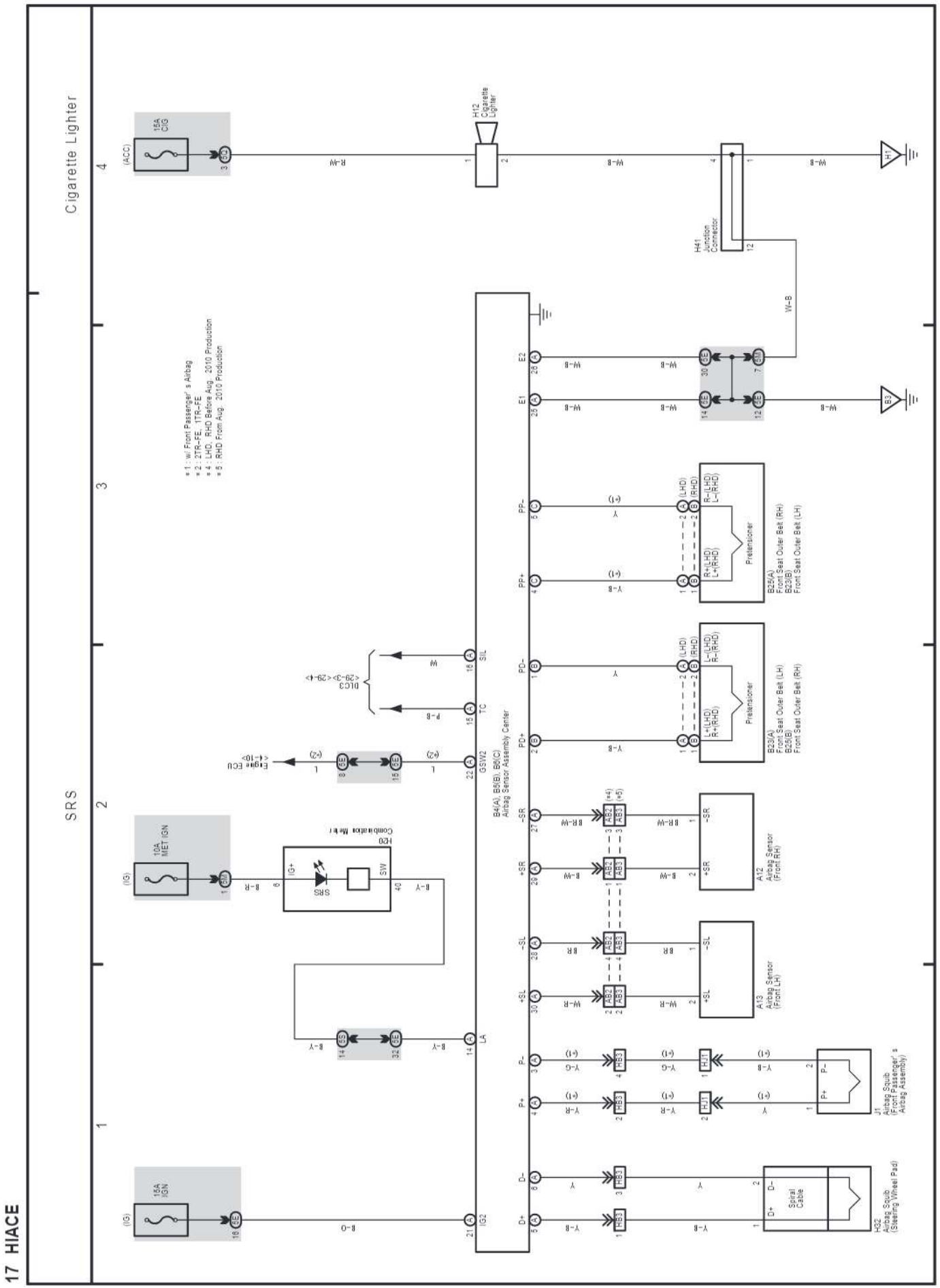


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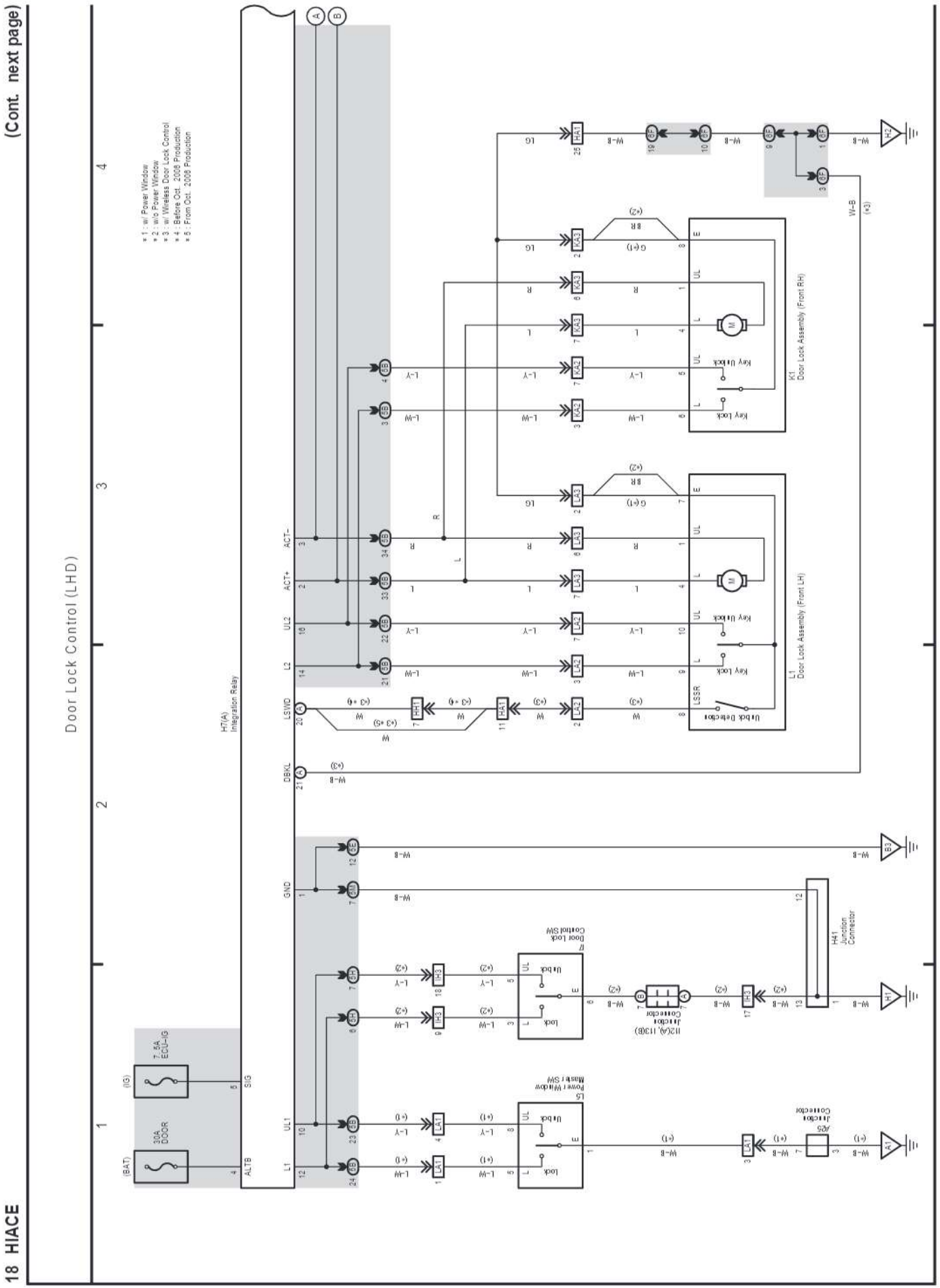
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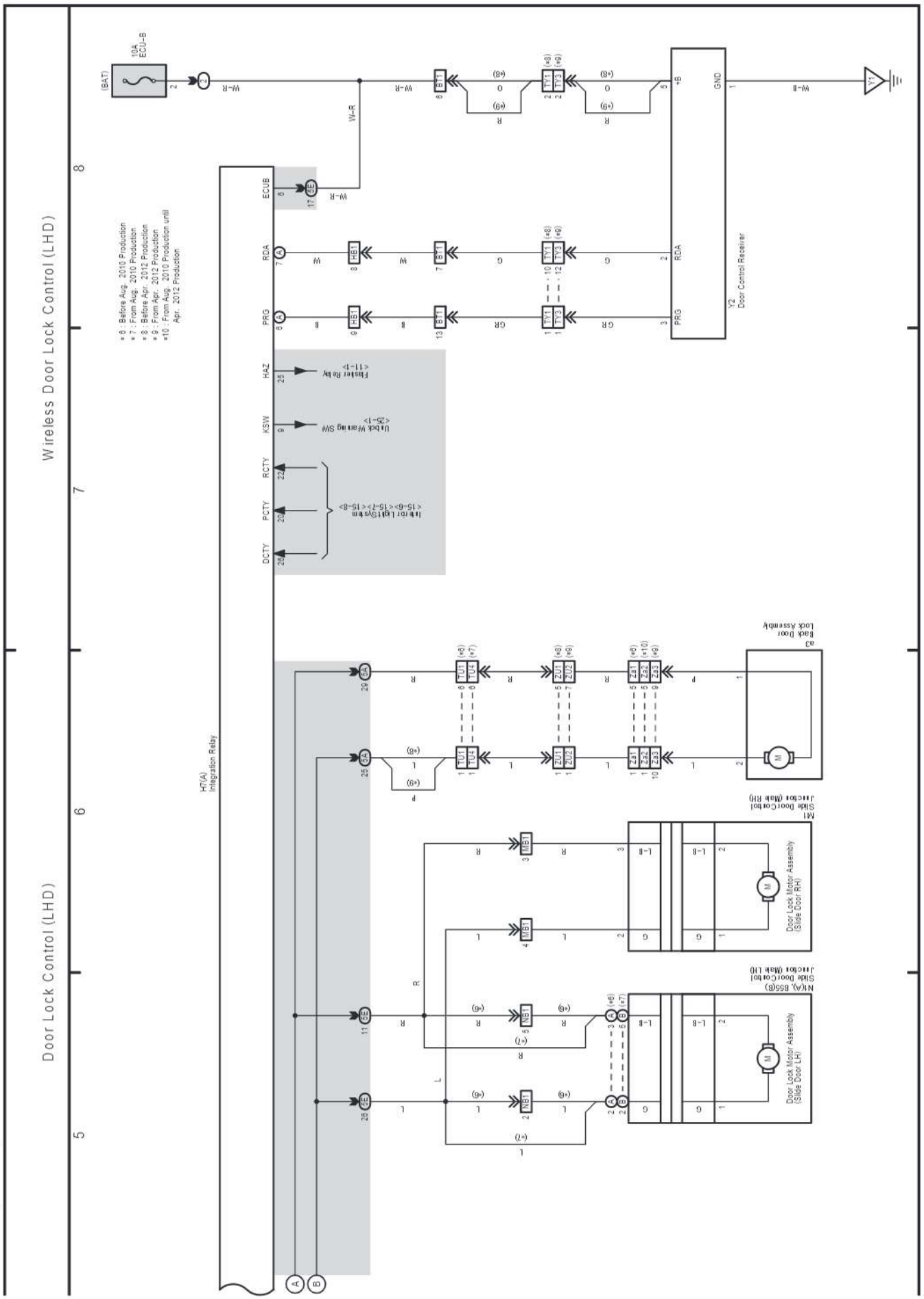
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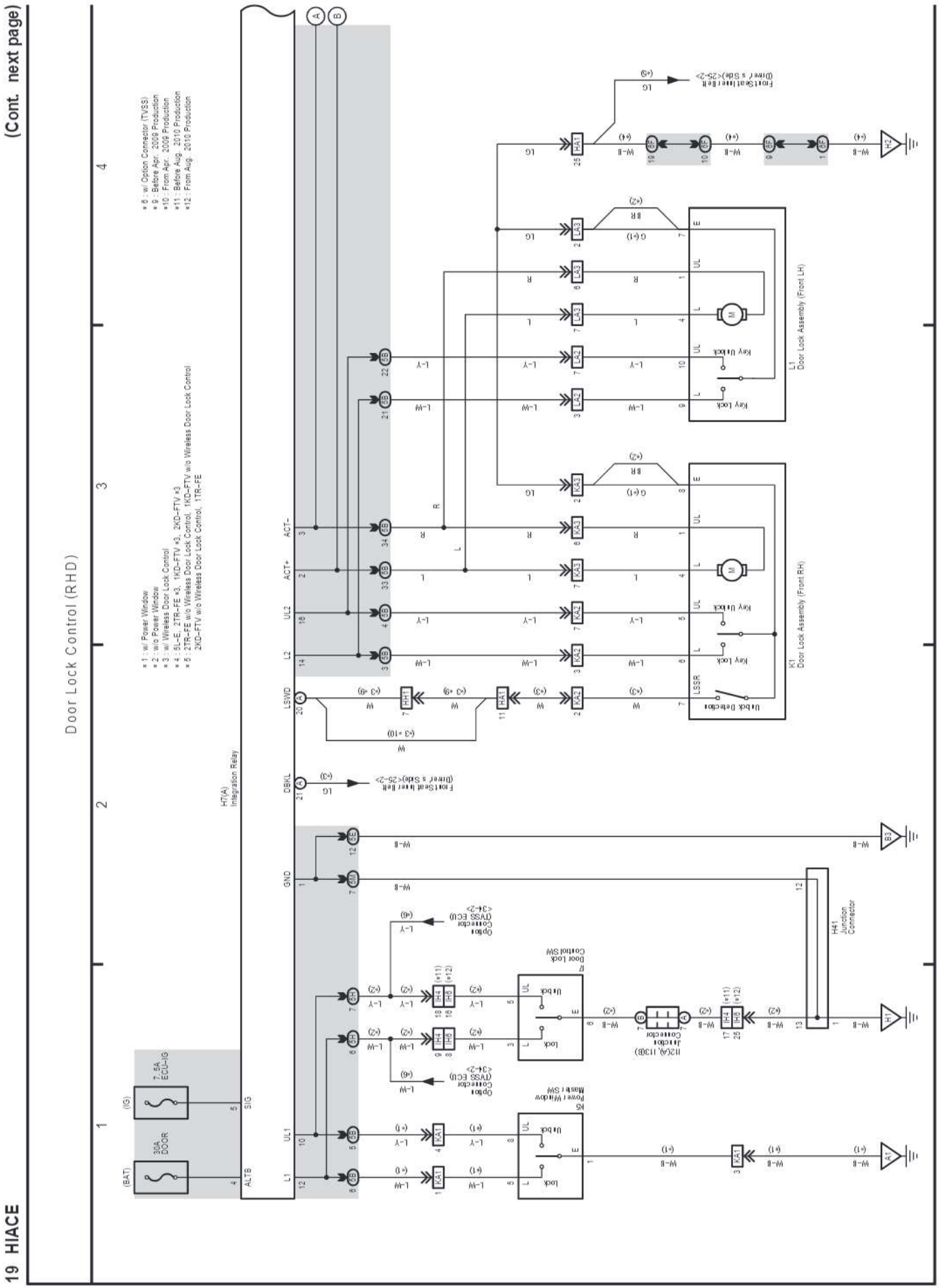


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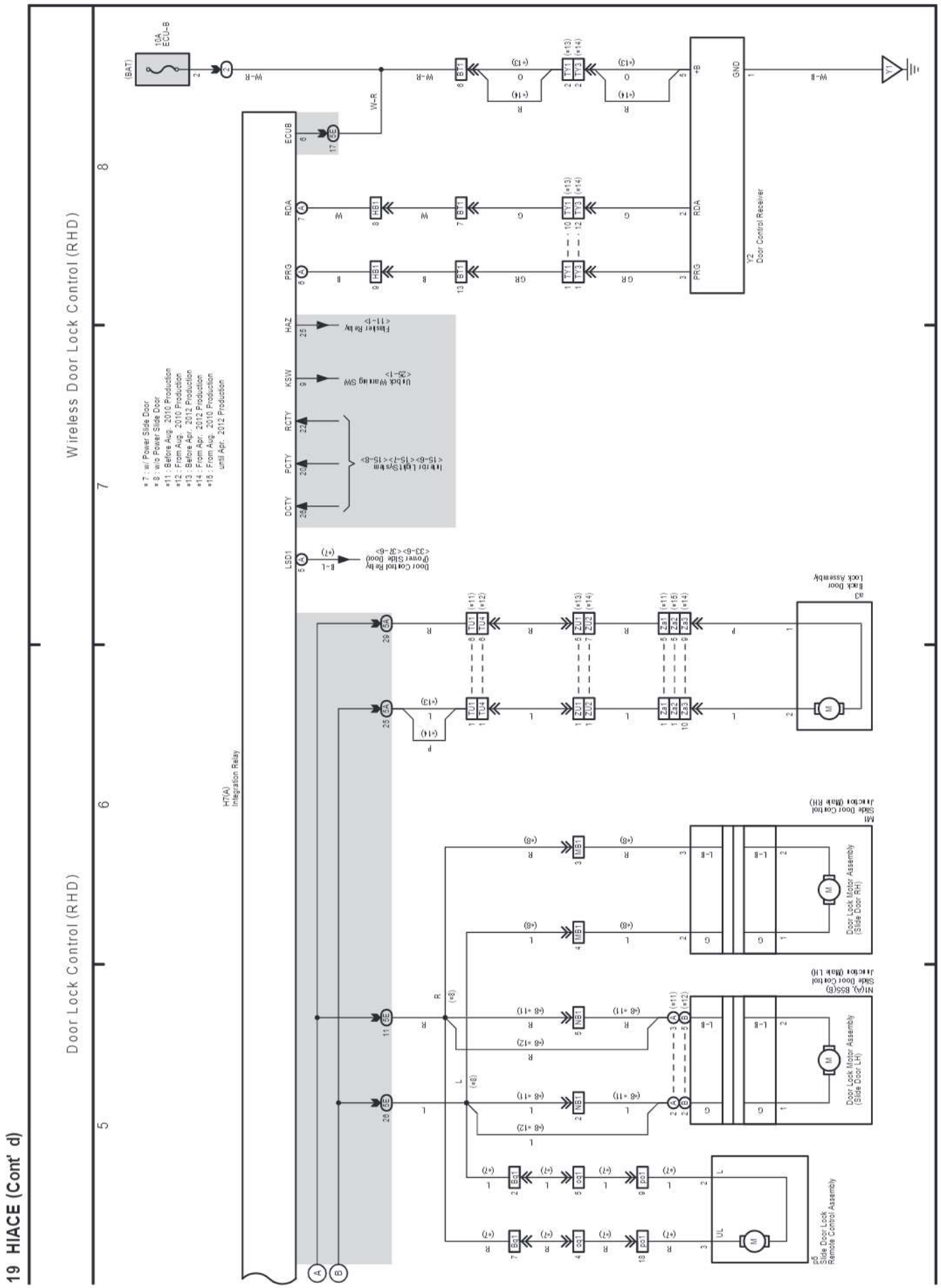


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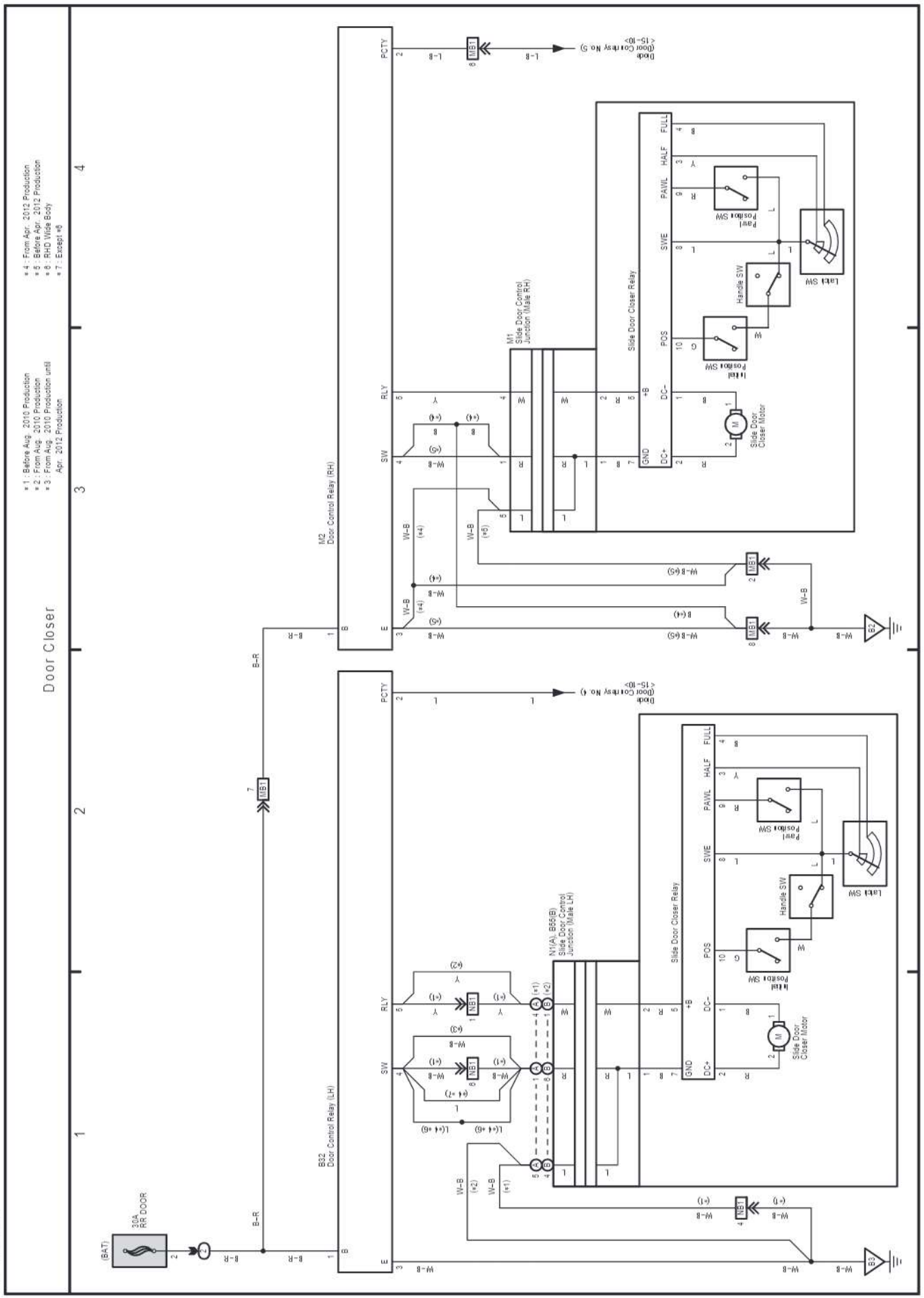
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19 HIACE (Cont' d)

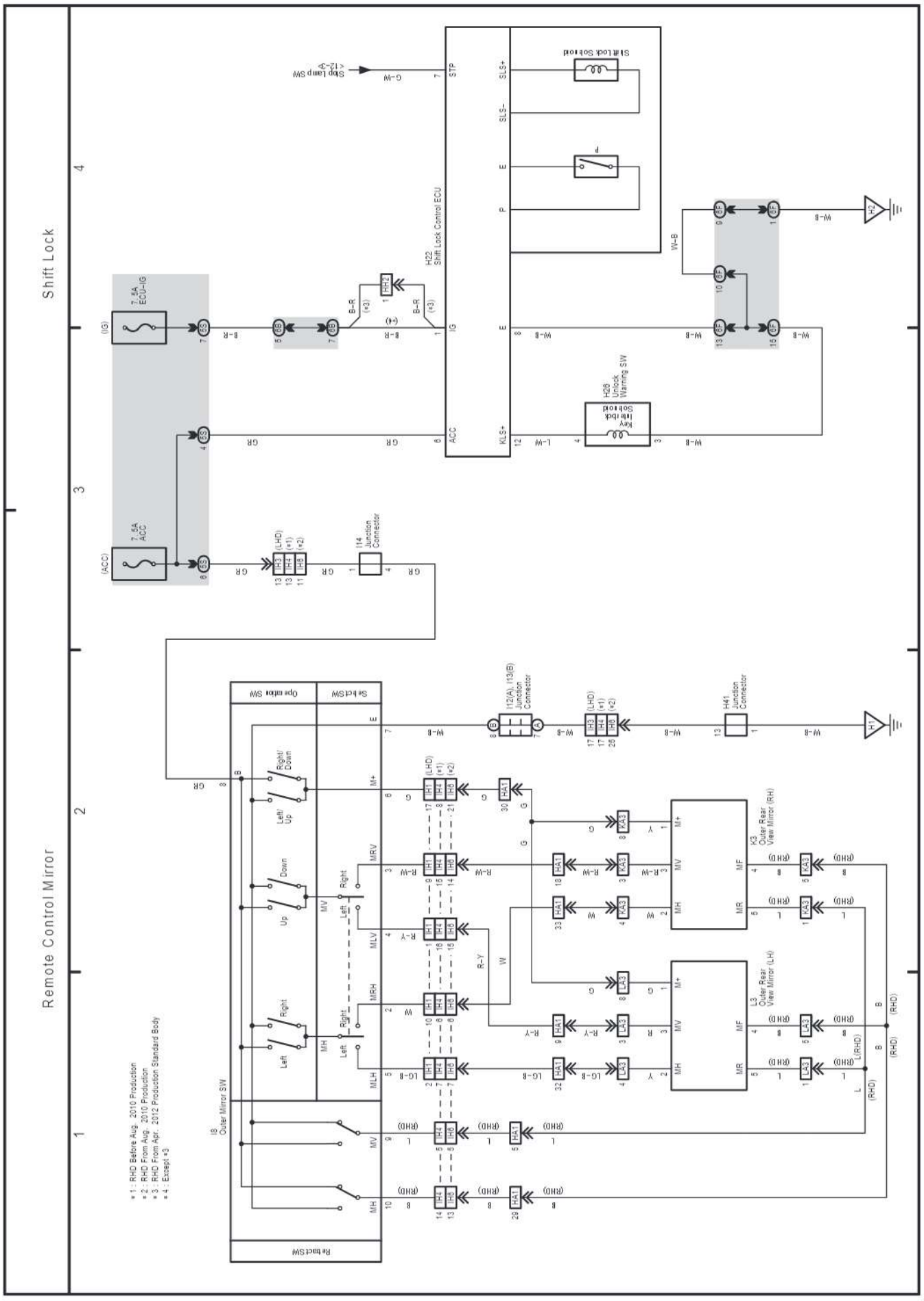


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M OVERALL ELECTRICAL WIRING DIAGRAM

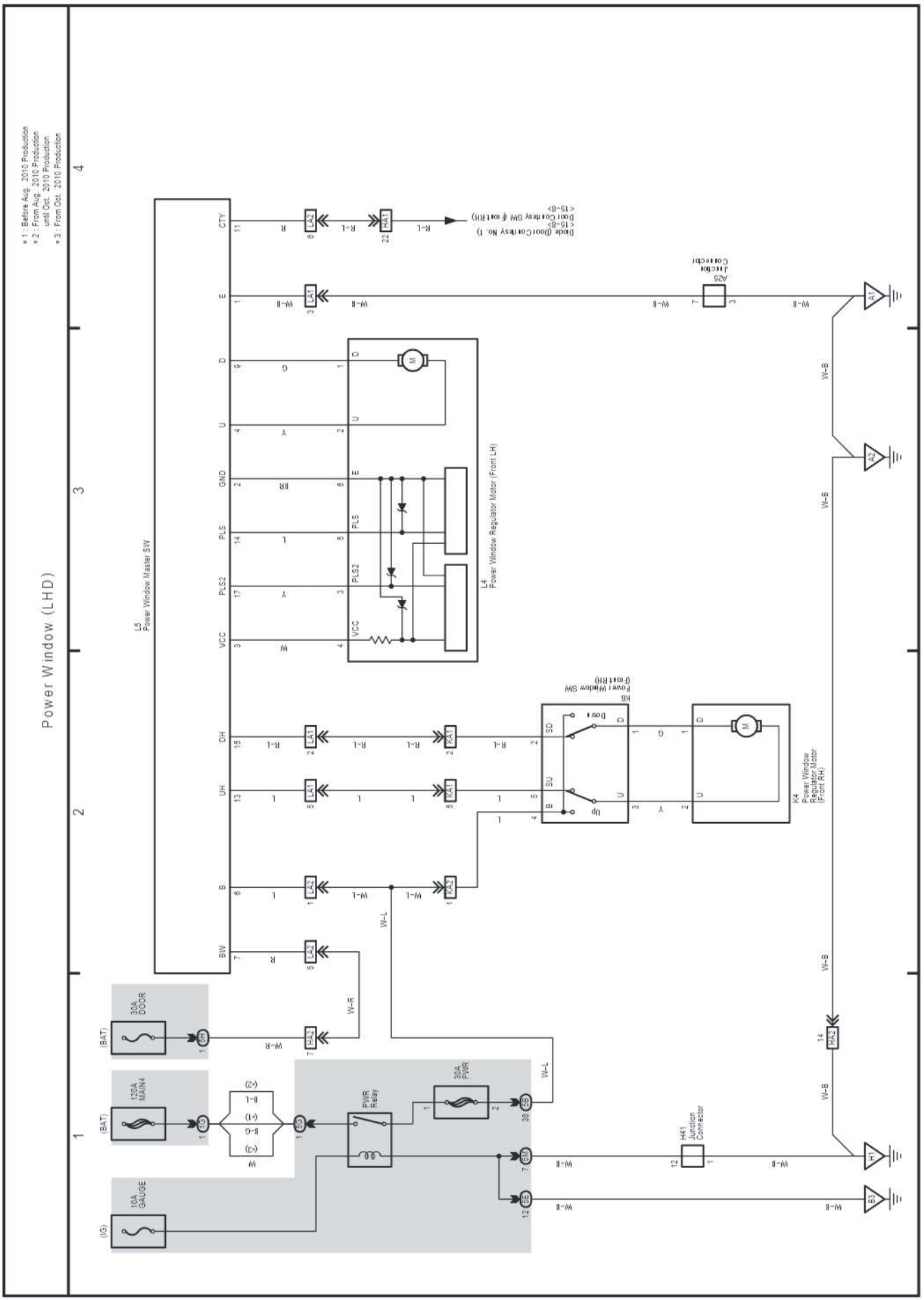


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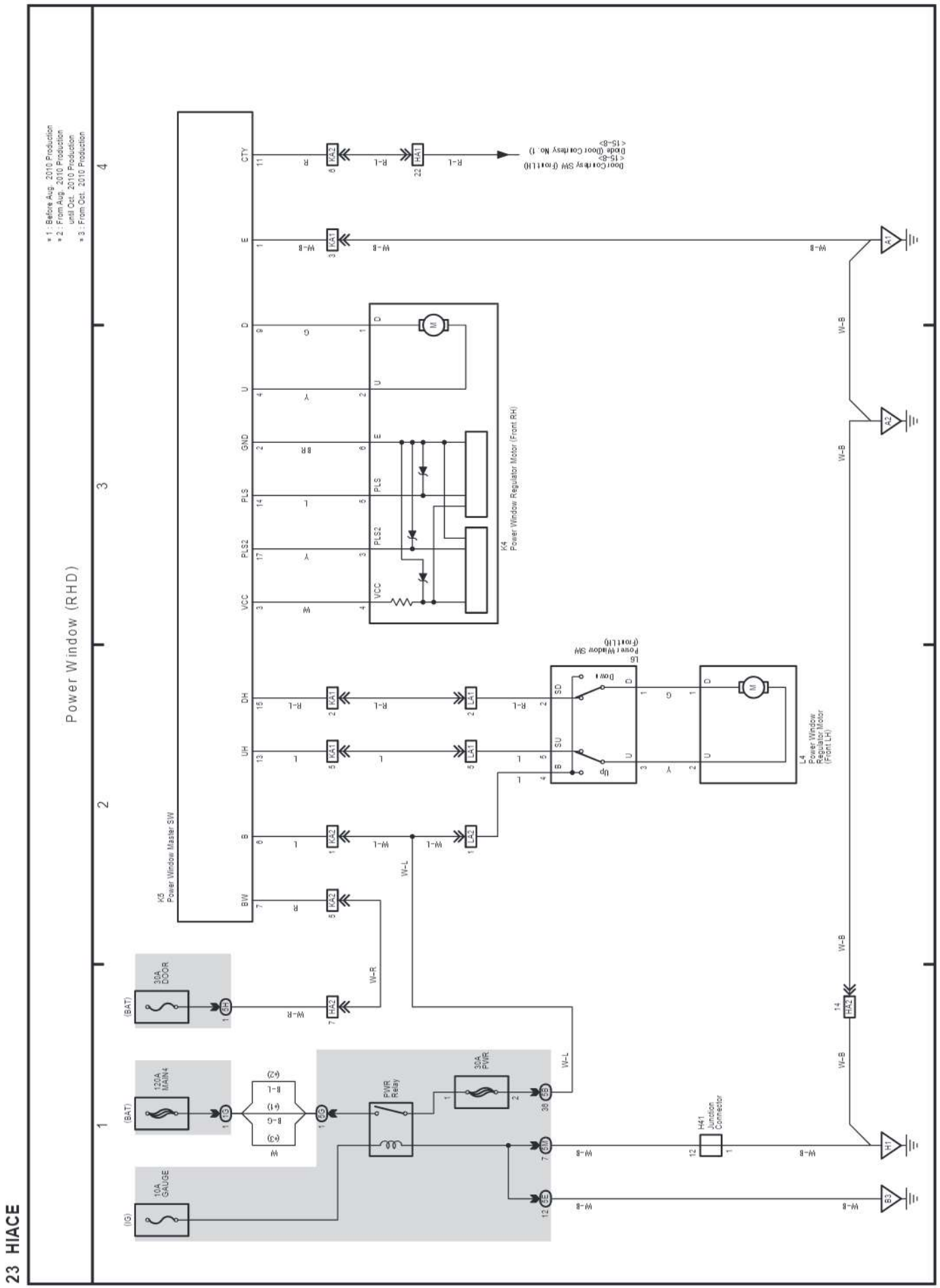


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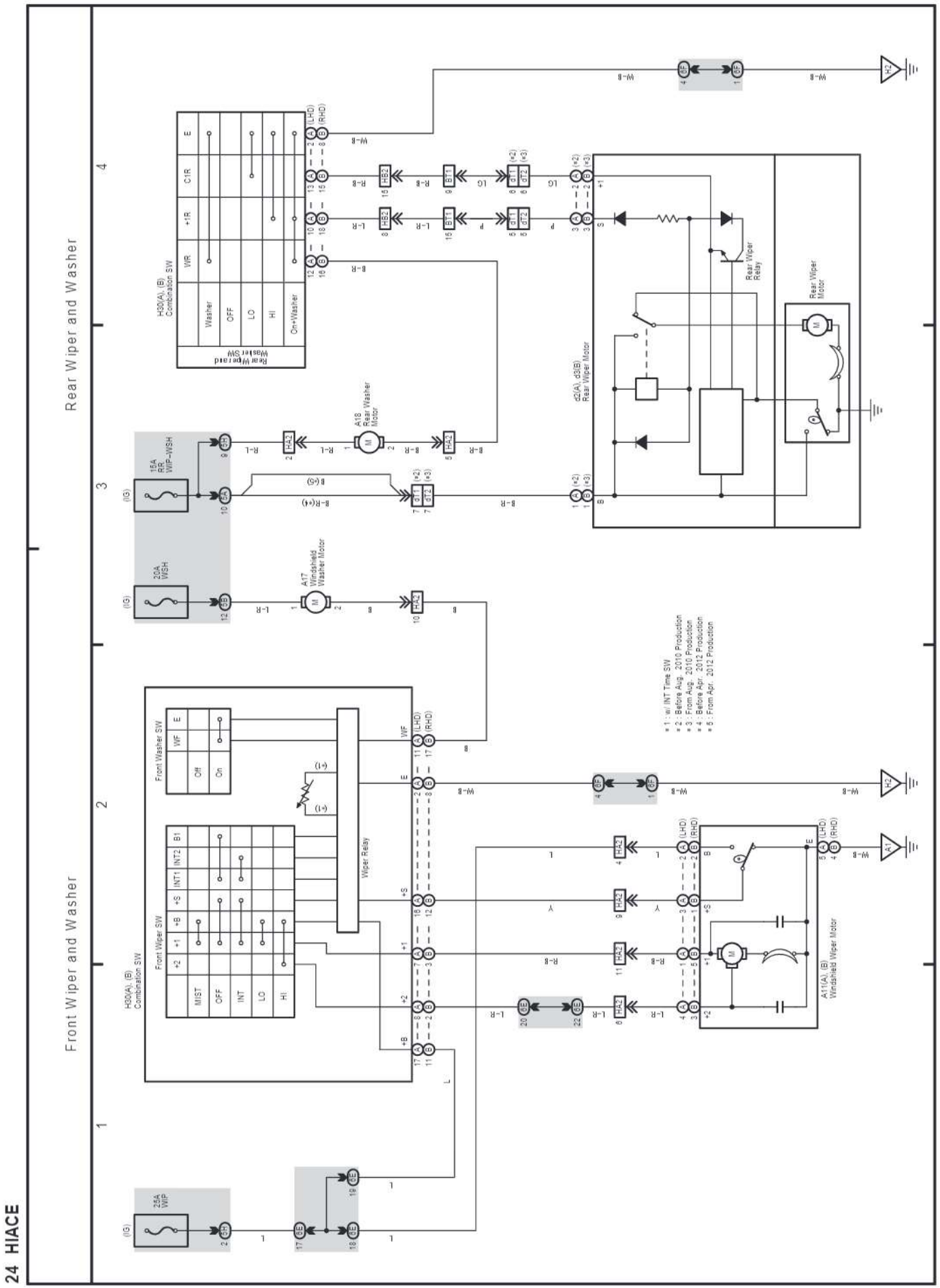


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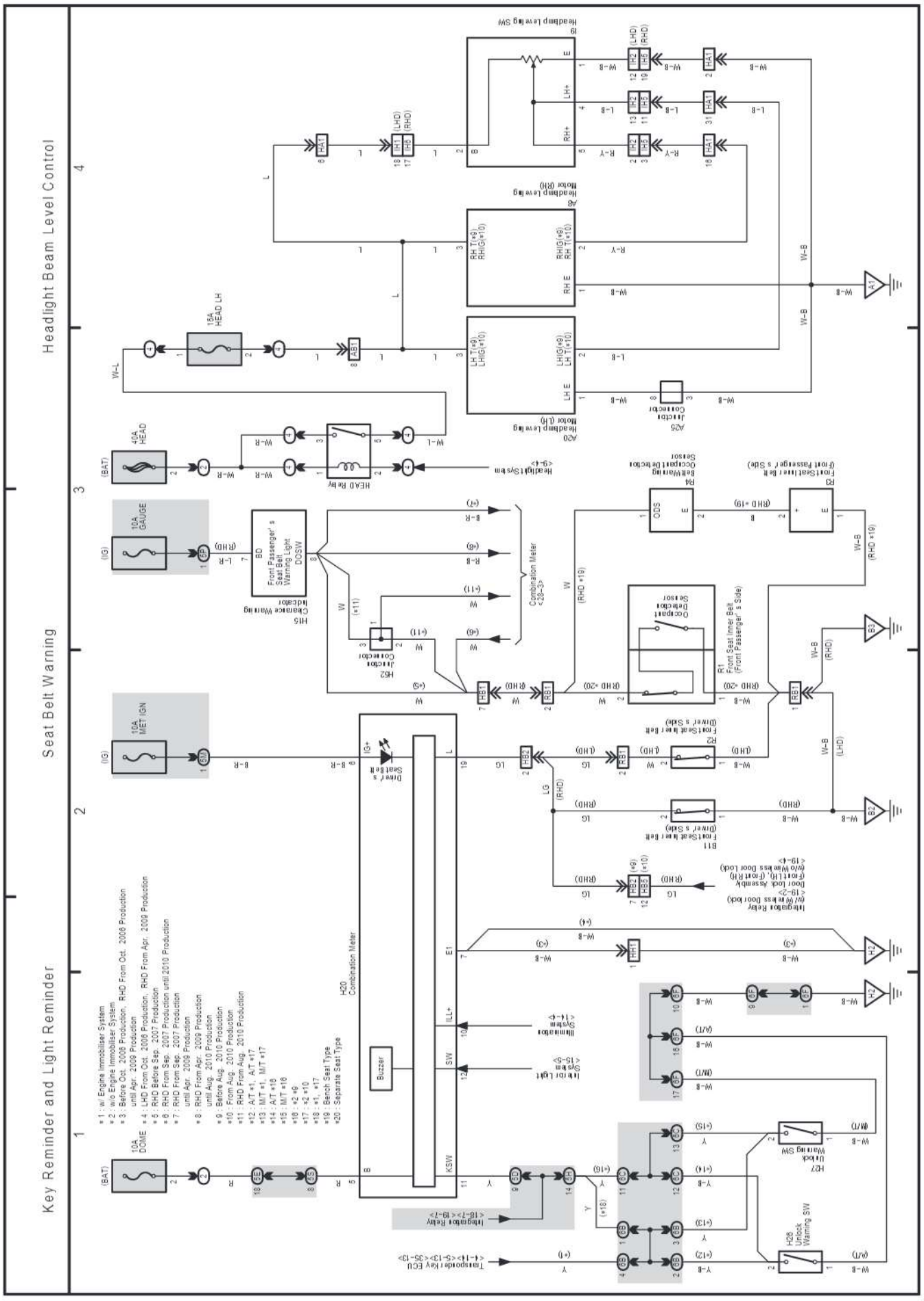


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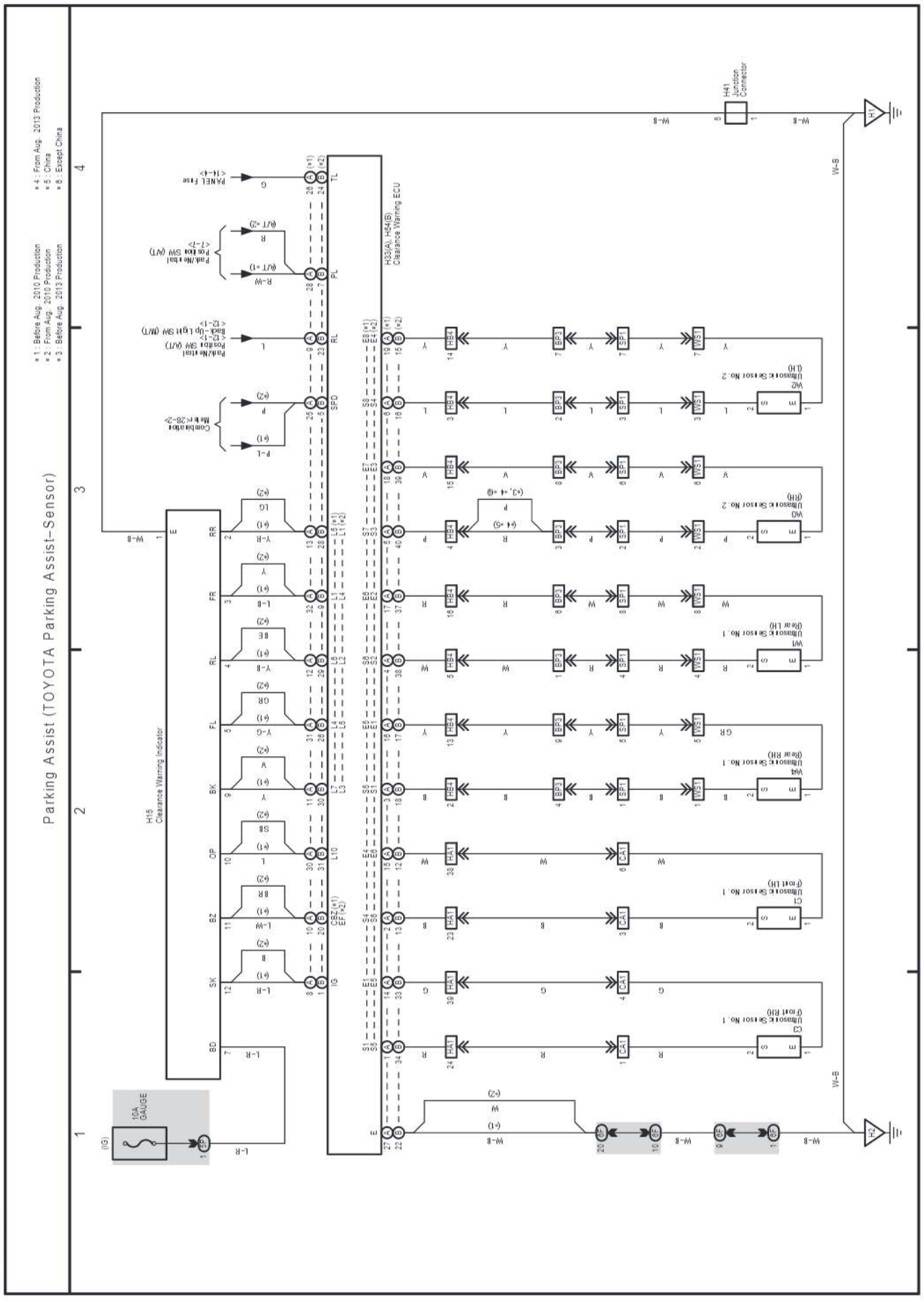


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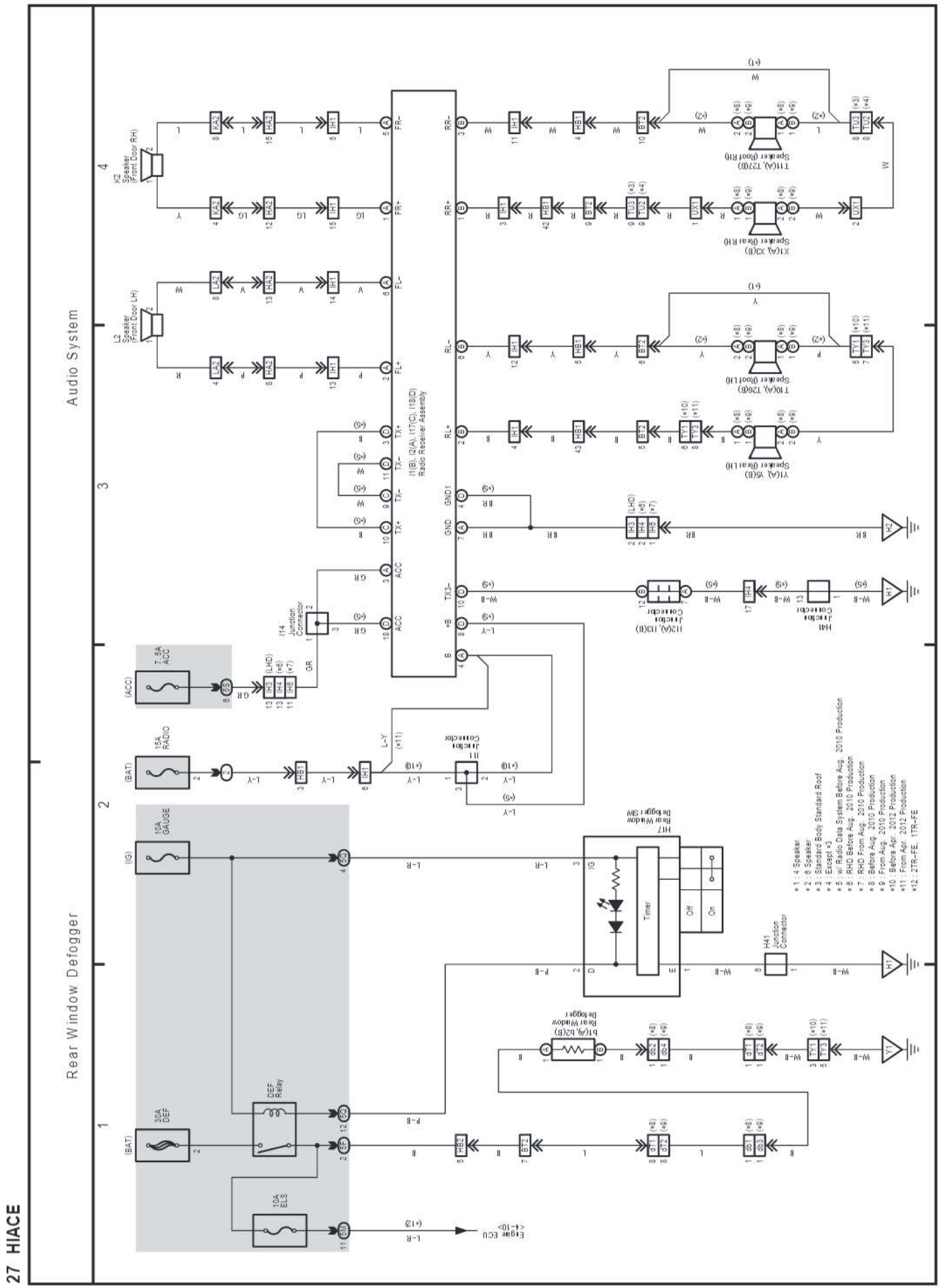


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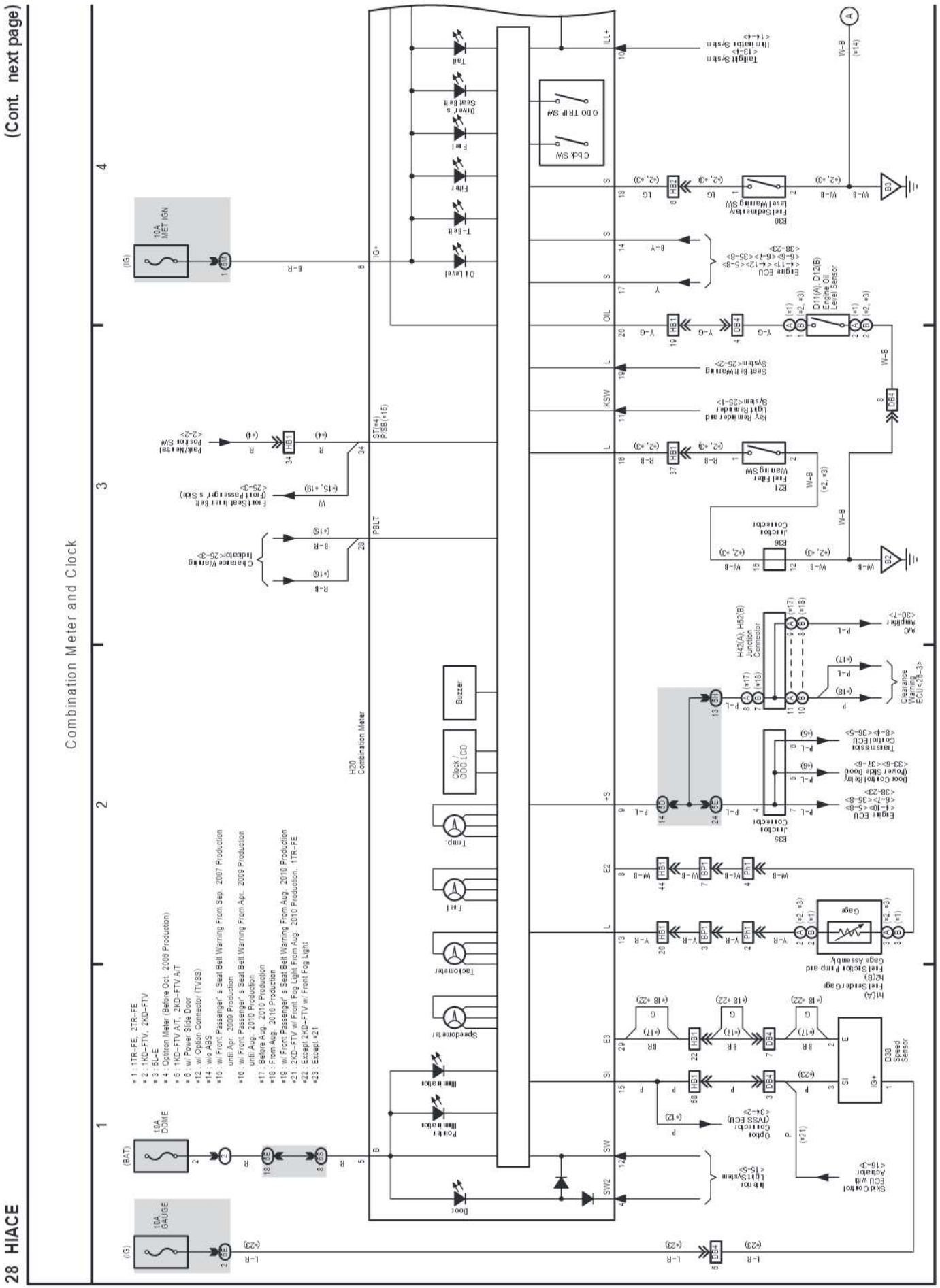
M OVERALL ELECTRICAL WIRING DIAGRAM



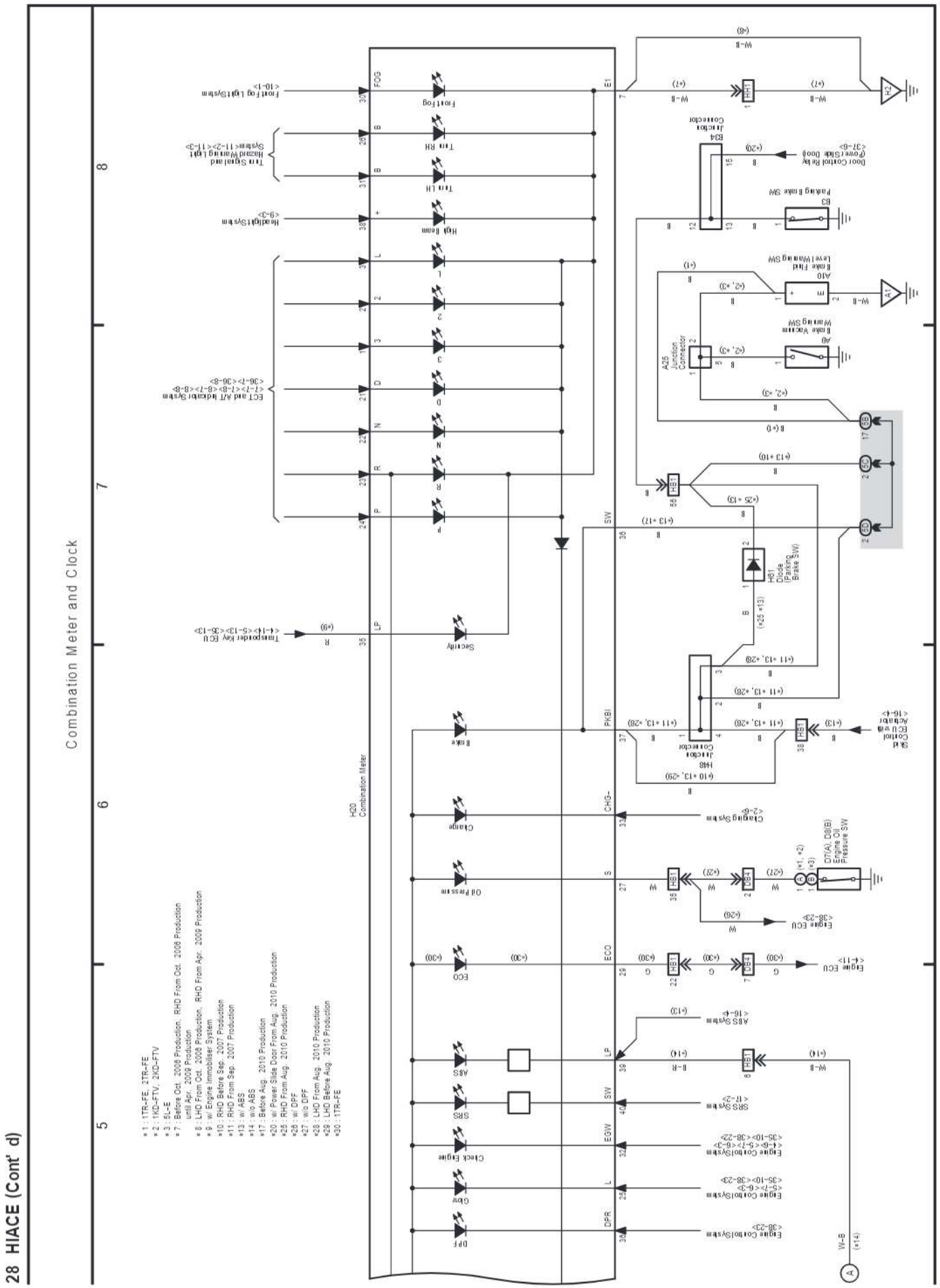
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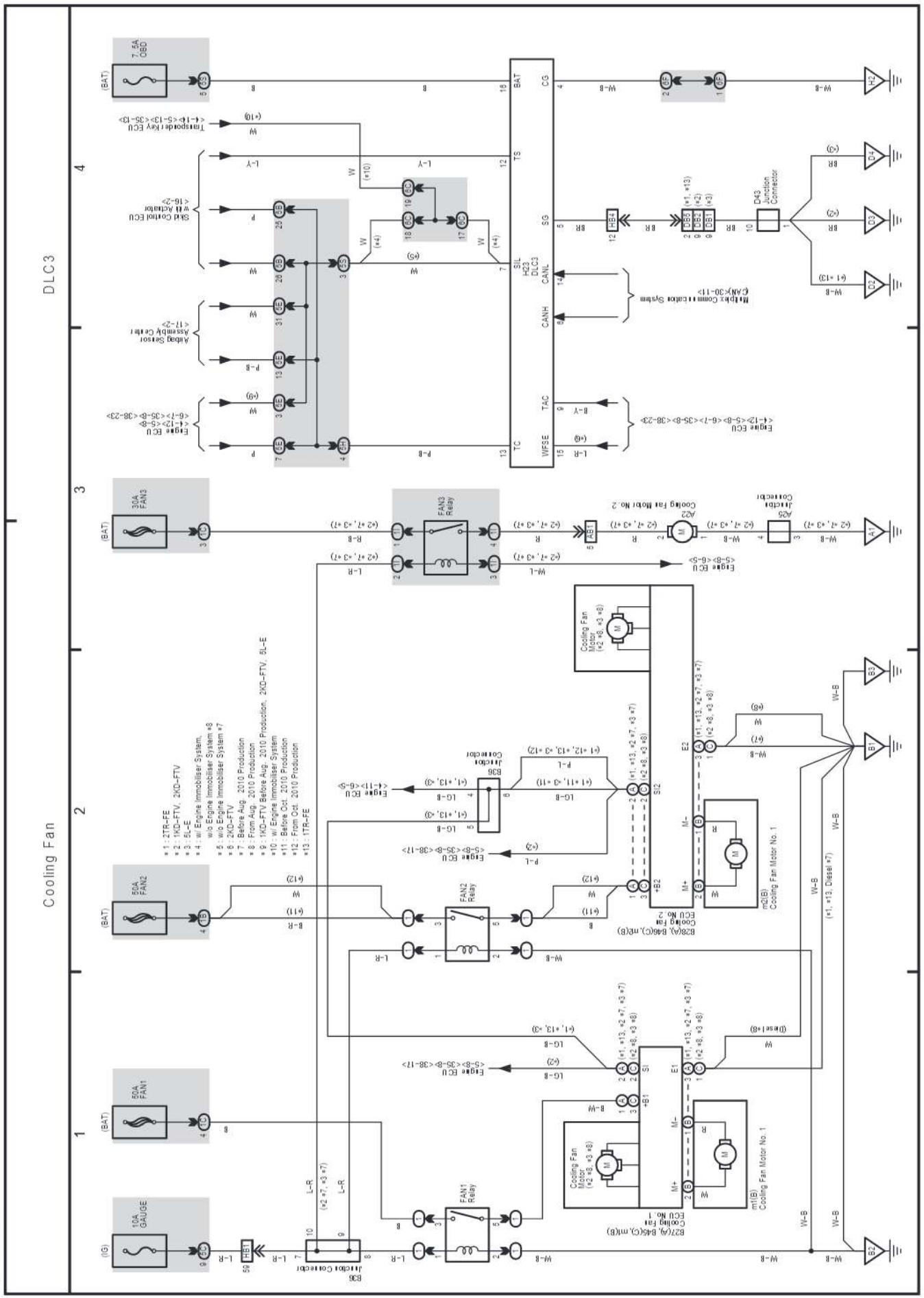
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Combination Meter and Clock
28 HIACE
1
2
3
4
10A DOME
10A GAUGE
10A MET IGN
H20 Combination Meter
Buzzer
Clock / ODO LCD
Temp.
Fuel
Tachometer
Speedometer
Illumination
Door
Tail
Driver's Seat Belt
Fuel
Filler
T-Belt
Oil Level
O/D TRIP SW
Clock SW
Tail Light System <13-1>
Illumination System <14-1>
Fuel Sedimenter Level Warning SW
Engine ECU <6-5><6-1><12><5-8><38-23>
D11(A), D12(B) Engine Oil Level Sensor
Seat Belt Warning System<25-2>
Key Reminder and Light Reminder System<25-1>
Fuel Filter Warning SW
Front Seat Inner Belt (Front Passenger's Side)
Park/Neutral Position SW <2-2>
Clearance Warning ECU<28-3>
Amplifier <30-1>
Transmission Control ECU
Power Slide Door
Engine ECU
Fuel Sender Gage
Fuel Section Ramp and Gage Assembly
Speed Sensor
Skid Control ECU with Actuator <16-3>
Interior Light System <15-5>
Option Connector (VSS ECU) <31-2>
Charge Warning Indicator<25-3>
Junction Connector
Gage
Pulse Generator
Ignition Coil
Camshaft Position Sensor
Crankshaft Position Sensor
Knock Control Sensor
Engine Coolant Temperature Sensor
Throttle Position Sensor
Intake Air Temperature Sensor
Manifold Absolute Pressure Sensor
Injector
Cold Start Injector
Starter Signal
Air Conditioning Signal
Ignition Coil with Igniter
Fuel Pump Control
Fuel Pump
Vacuum Switching Valve
Vacuum Switching Valve (for EVAP)
Purge Flow Switching Valve
Canister Pump Module
Oxygen Sensor Heater
Oxygen Sensor
Throttle Actuator
Throttle Motor
Throttle Position Sensor
Accelerator Pedal Position Sensor
Engine Control Module
Engine Coolant Temperature Sensor
Intake Air Temperature Sensor
Manifold Absolute Pressure Sensor
Knock Control Sensor
Camshaft Position Sensor
Crankshaft Position Sensor
Oxygen Sensor
Oxygen Sensor Heater
Throttle Position Sensor
Throttle Actuator
Throttle Motor
Accelerator Pedal Position Sensor
Injector
Cold Start Injector
Starter Signal
Air Conditioning Signal
Ignition Coil with Igniter
Fuel Pump Control
Fuel Pump
Vacuum Switching Valve
Vacuum Switching Valve (for EVAP)
Purge Flow Switching Valve
Canister Pump Module
Oxygen Sensor Heater
Oxygen Sensor

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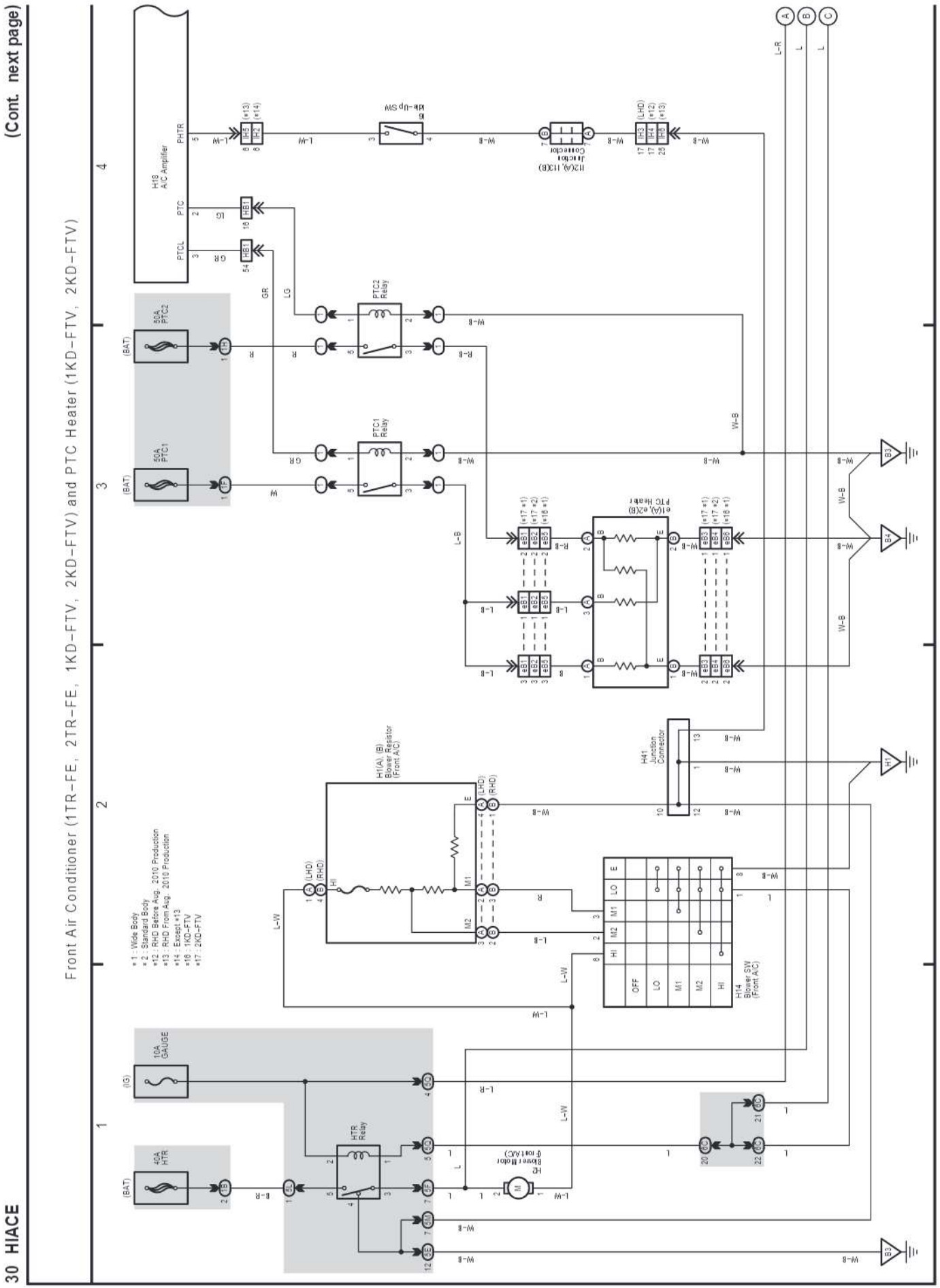


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M OVERALL ELECTRICAL WIRING DIAGRAM

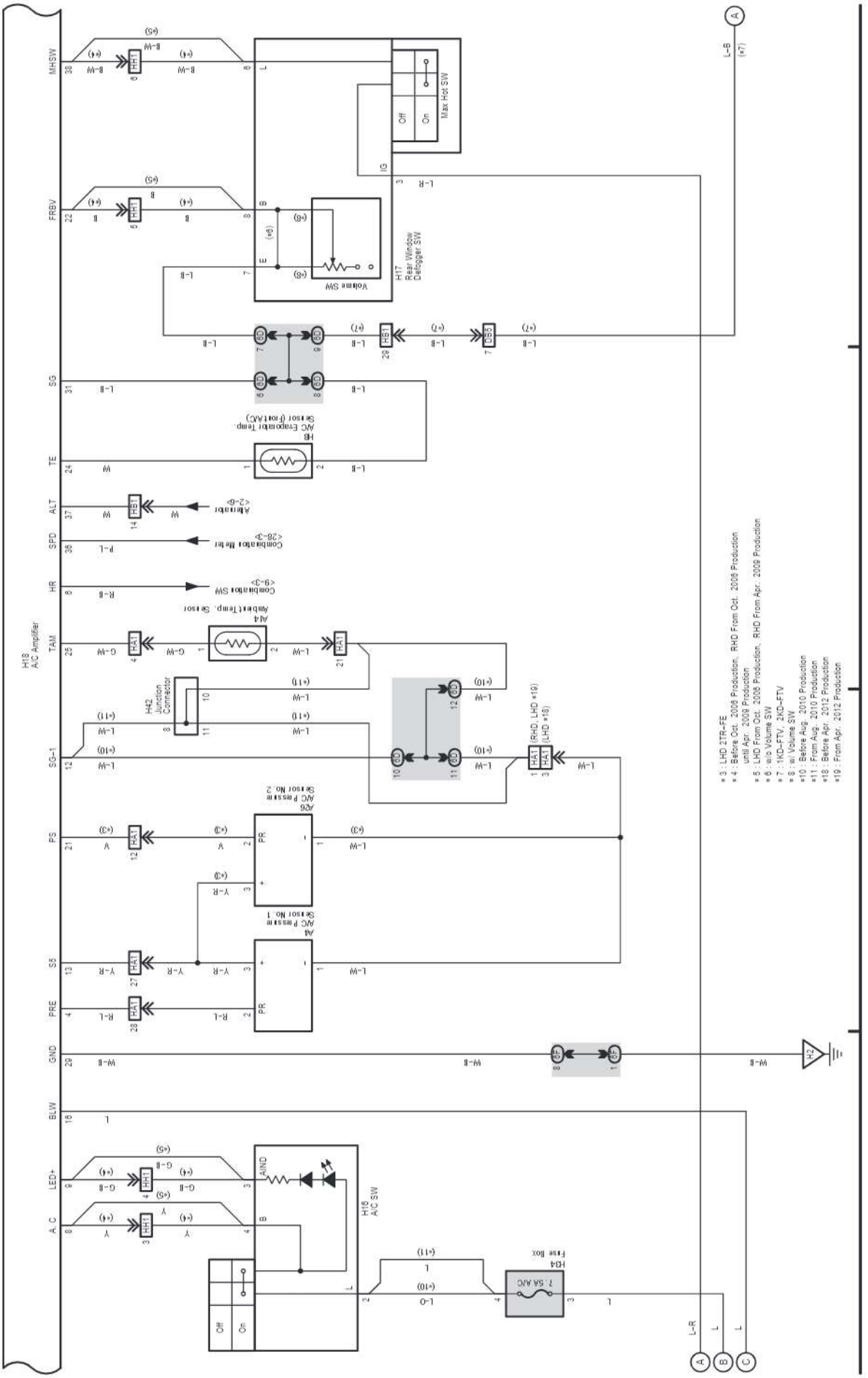


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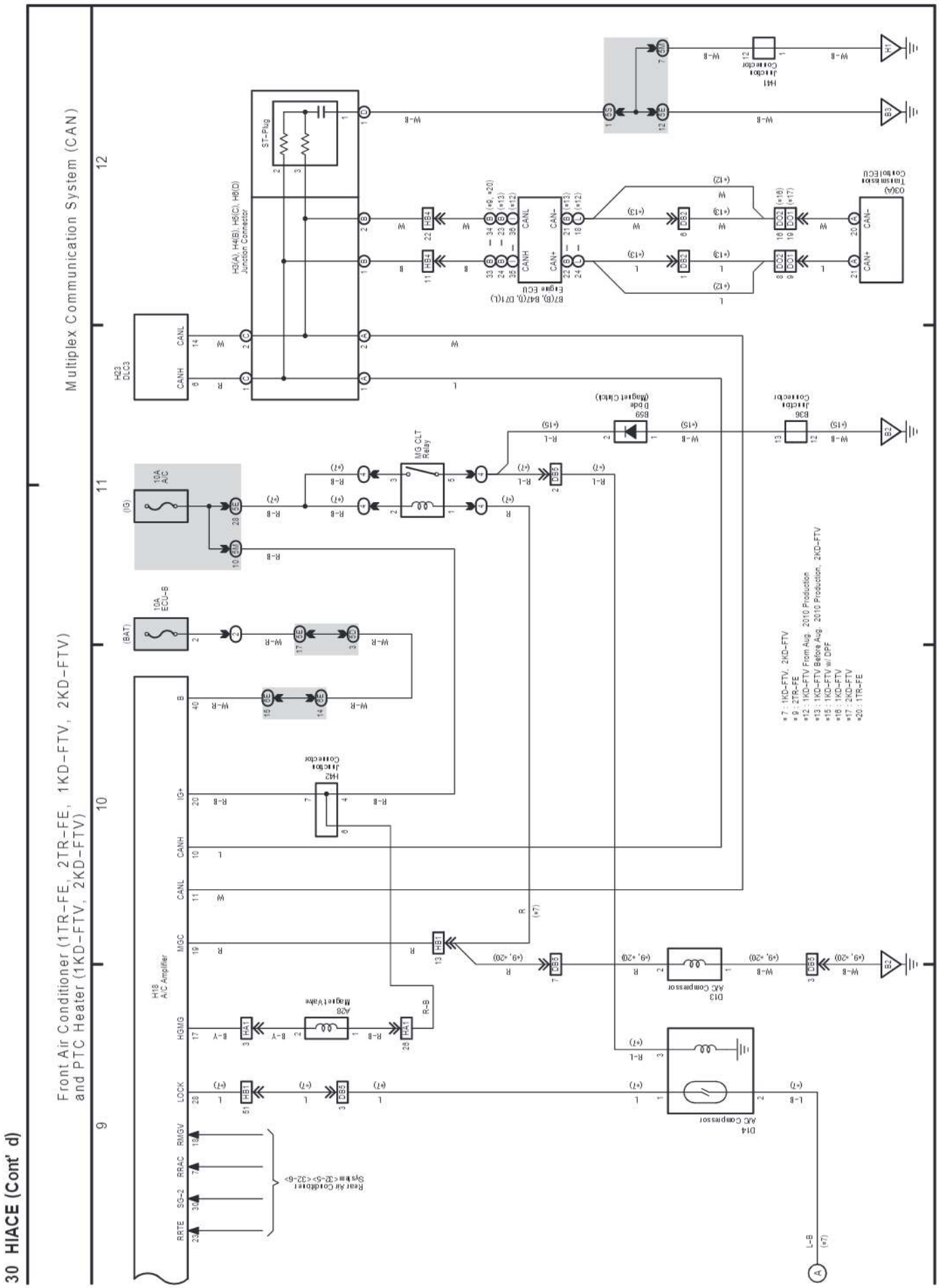
30 HIACE (Cont' d)

Front Air Conditioner (1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV) and PTC Heater (1KD-FTV, 2KD-FTV)

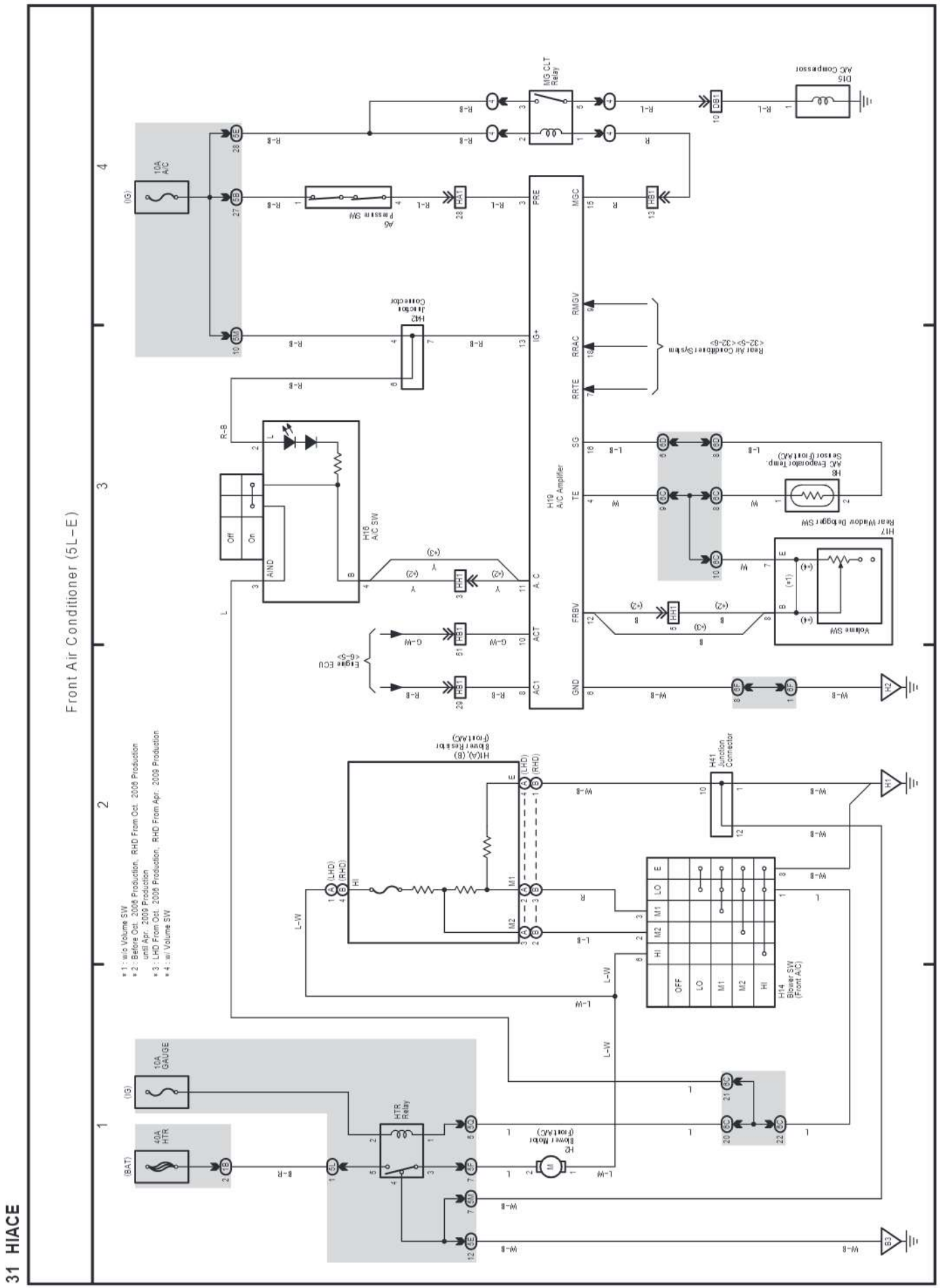


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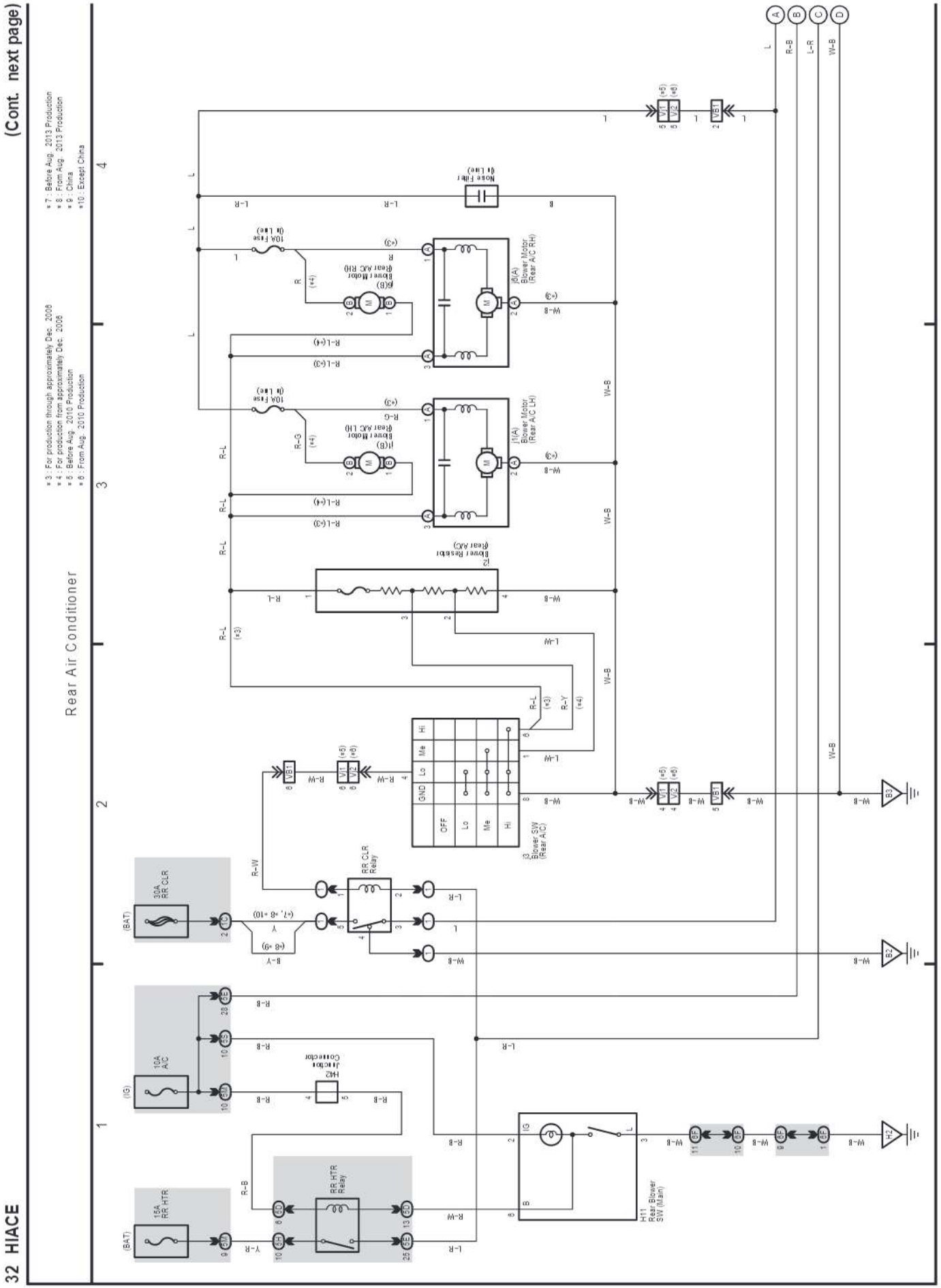


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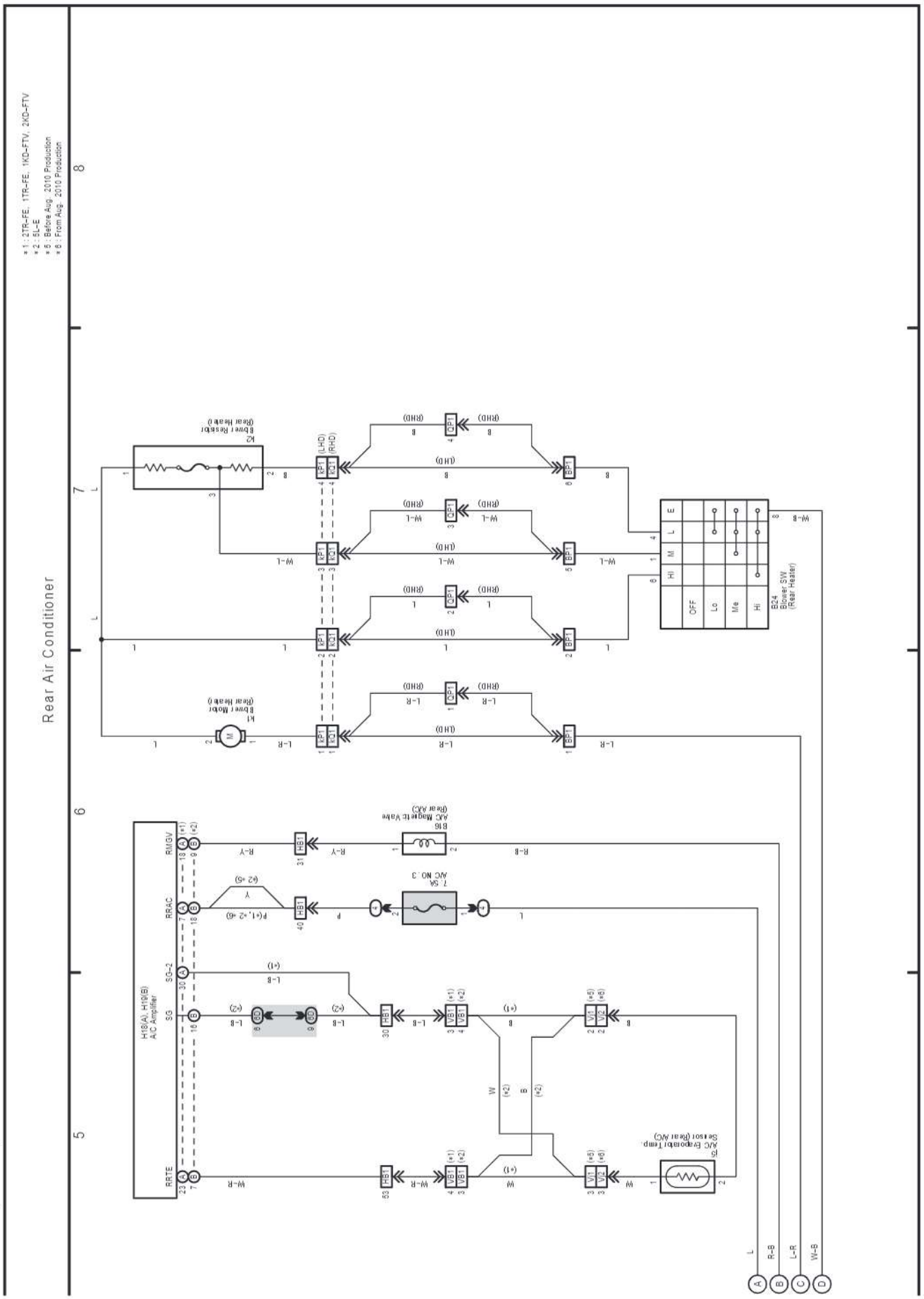
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M OVERALL ELECTRICAL WIRING DIAGRAM

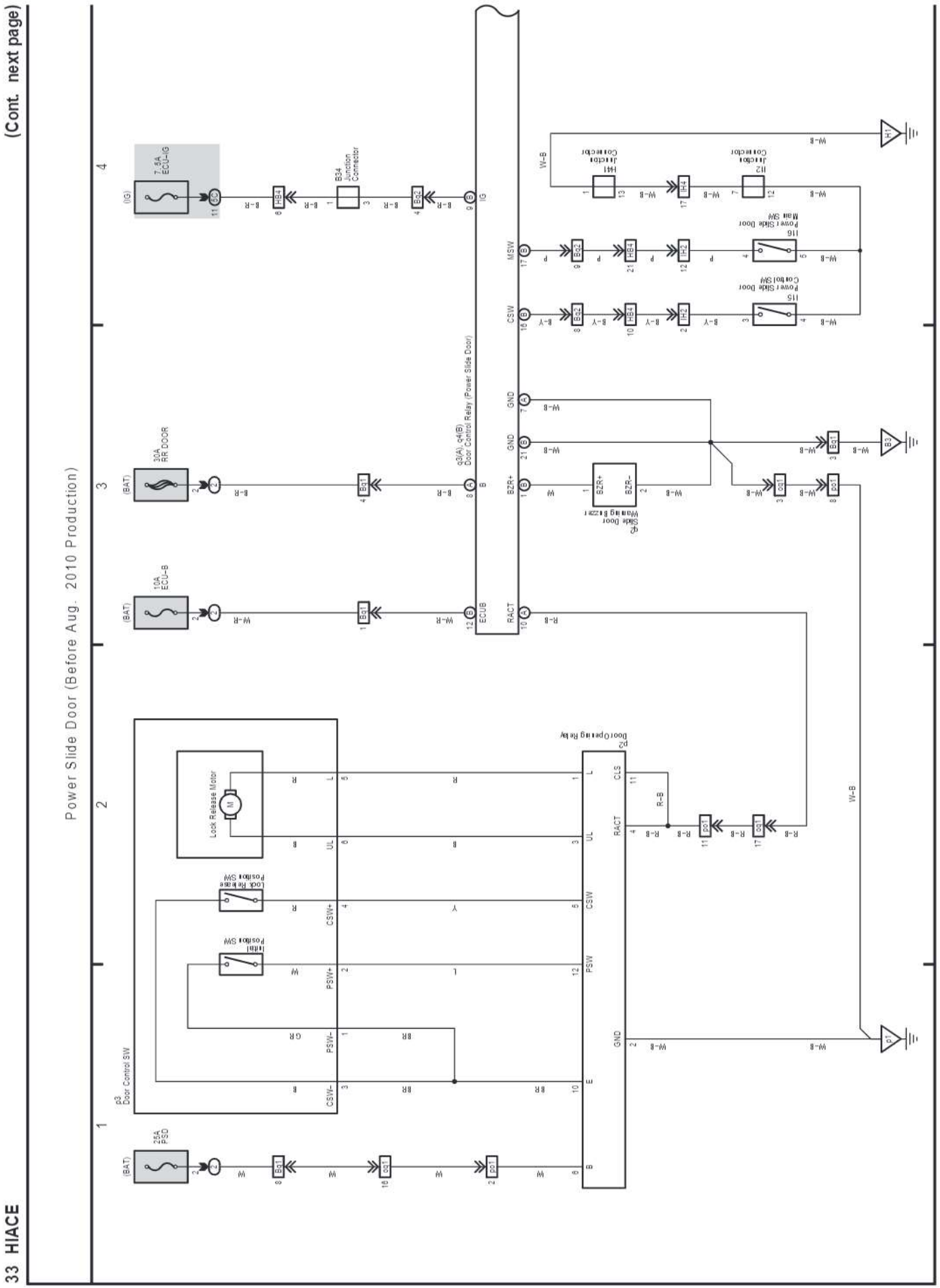


cardiagn.com

32 HIACE (Cont' d)

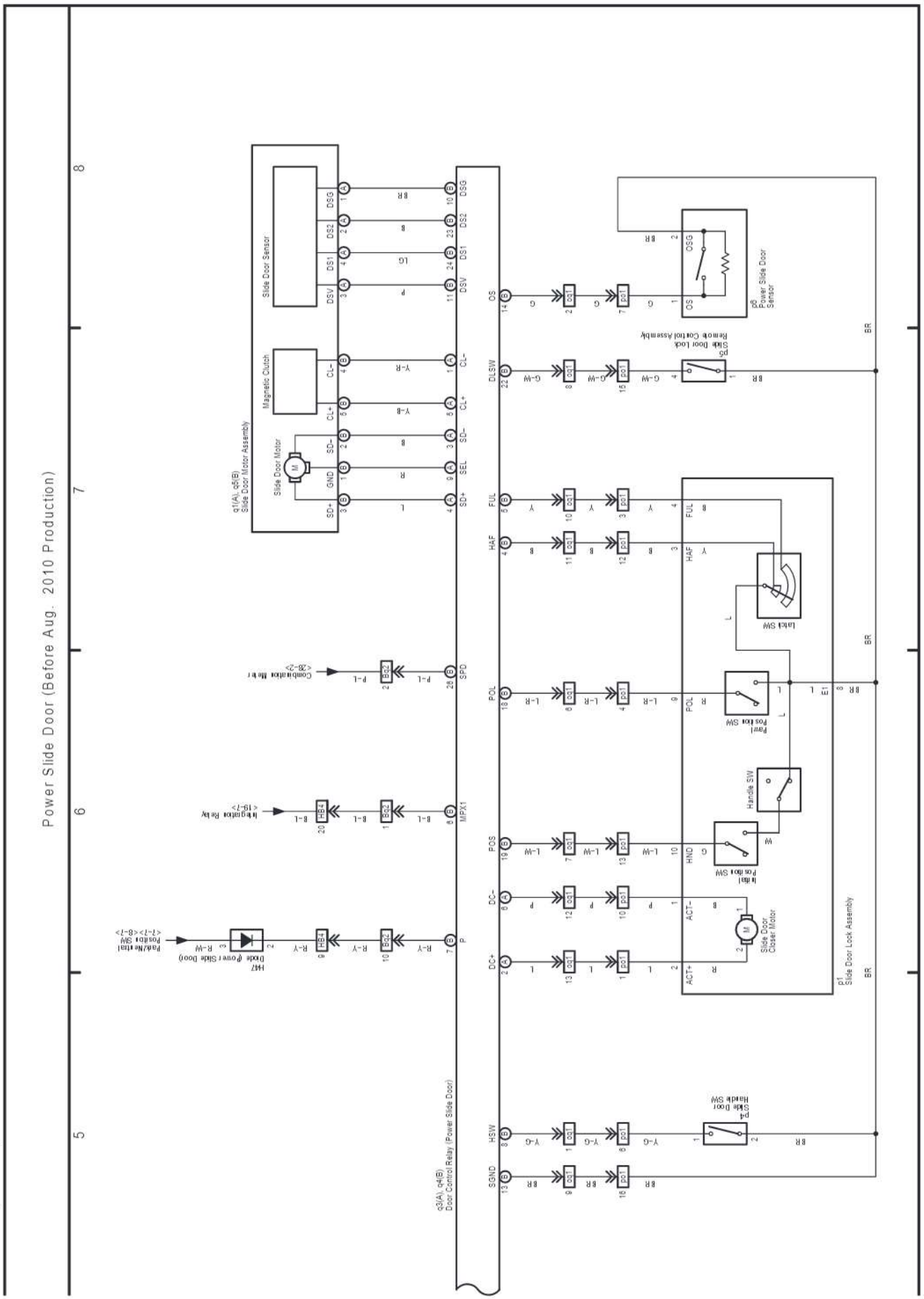


cardiagn.com



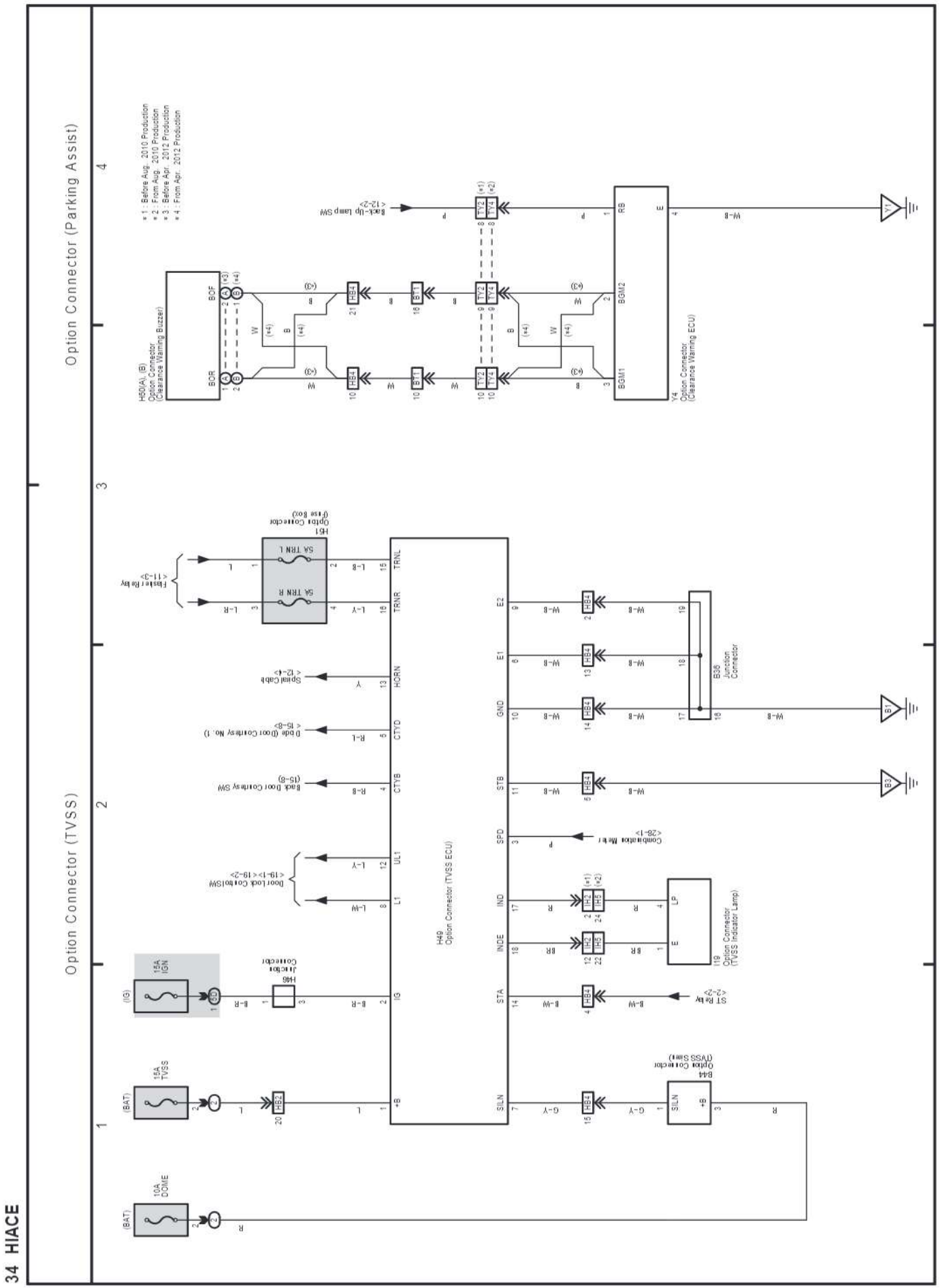
cardiagn.com

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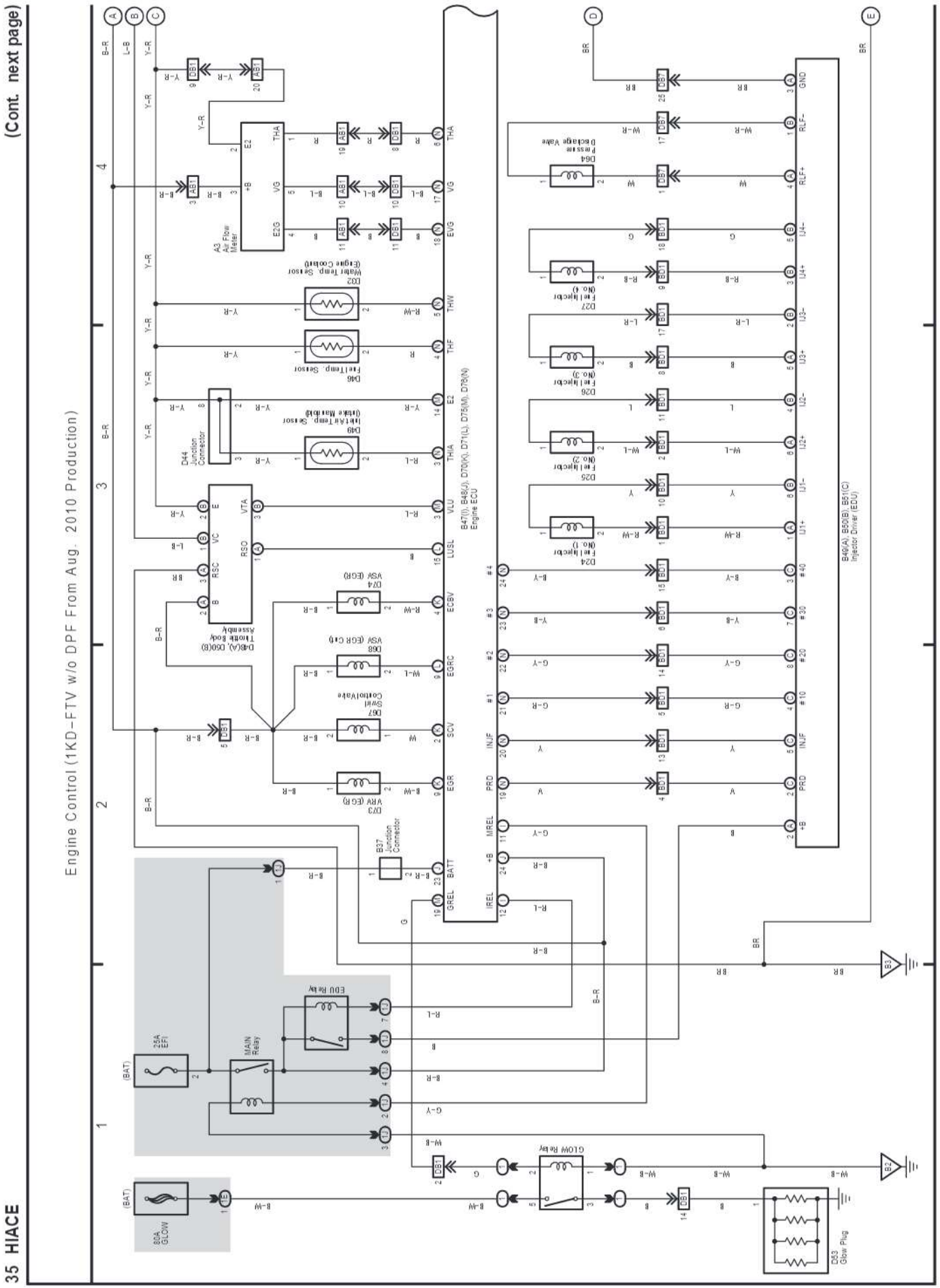
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M OVERALL ELECTRICAL WIRING DIAGRAM



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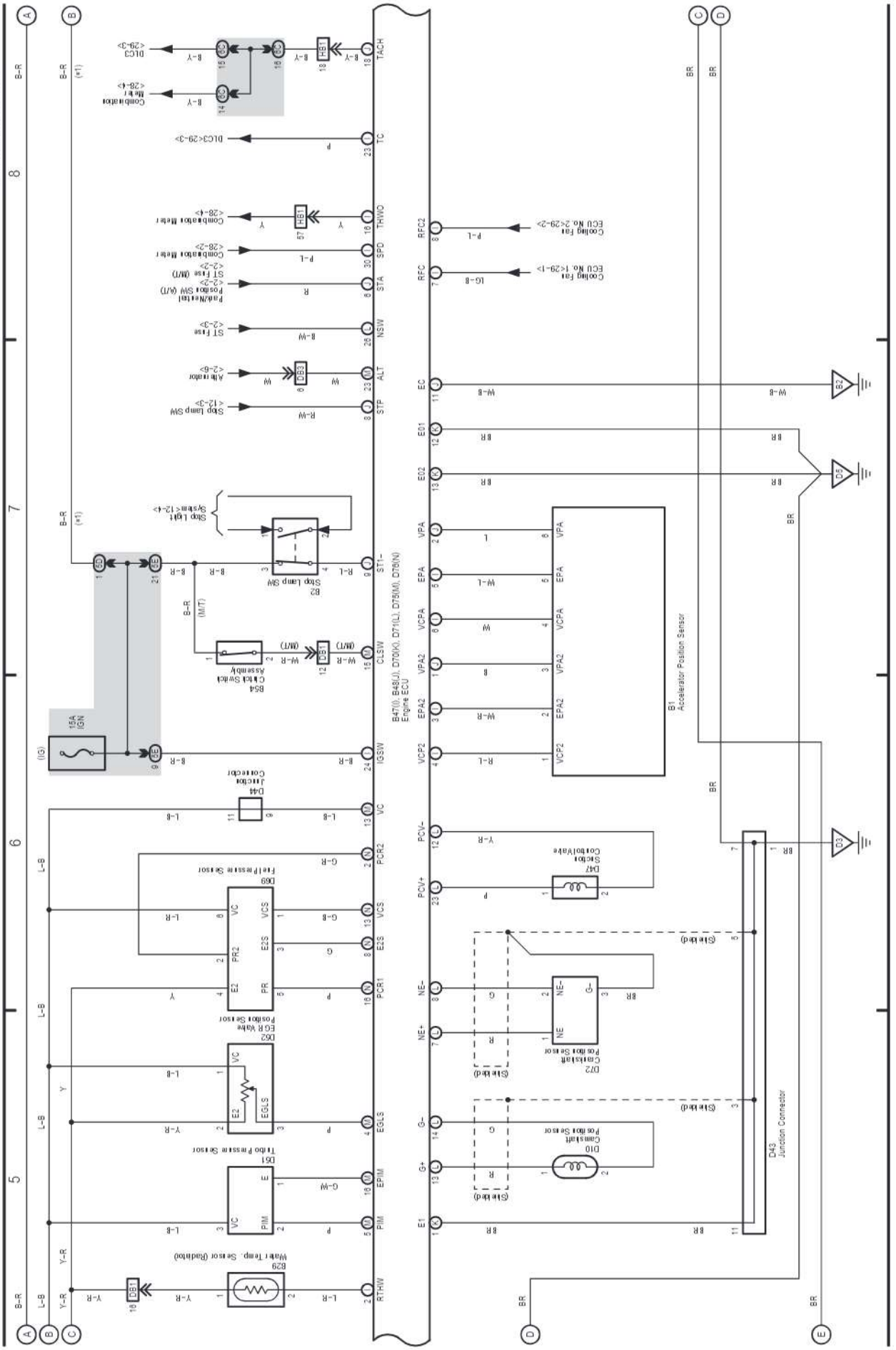
M OVERALL ELECTRICAL WIRING DIAGRAM



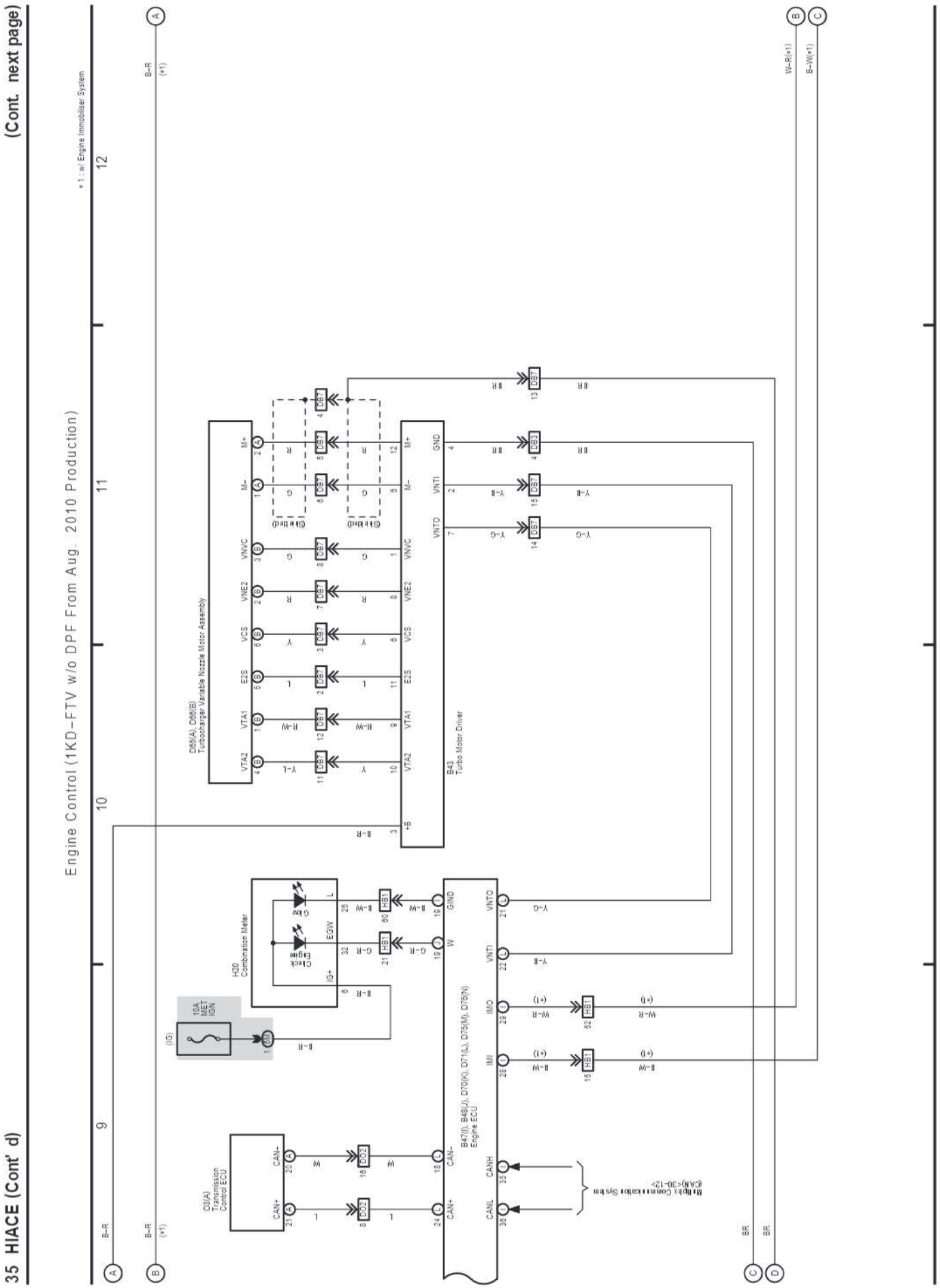
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35 HIACE (Cont' d)

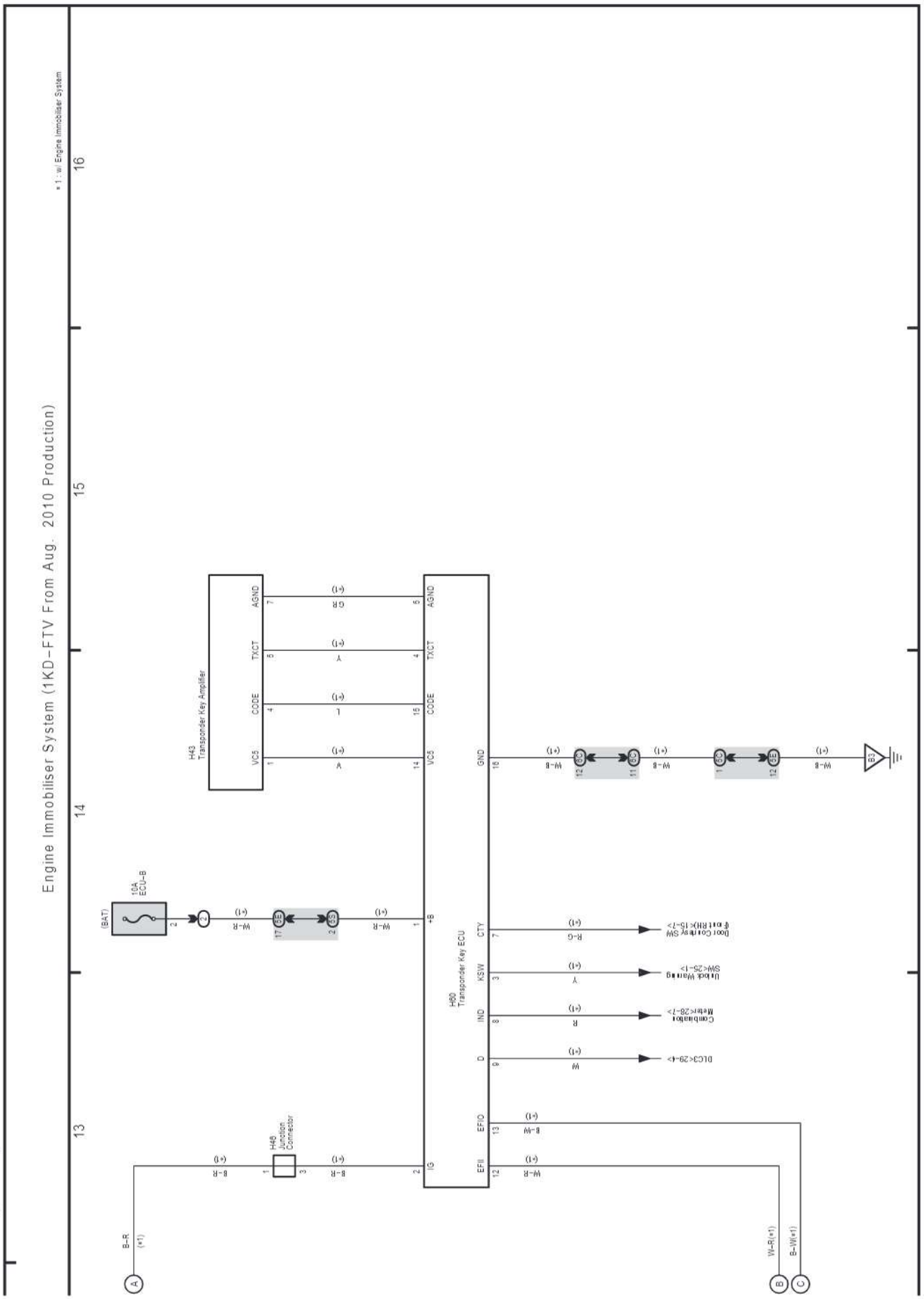
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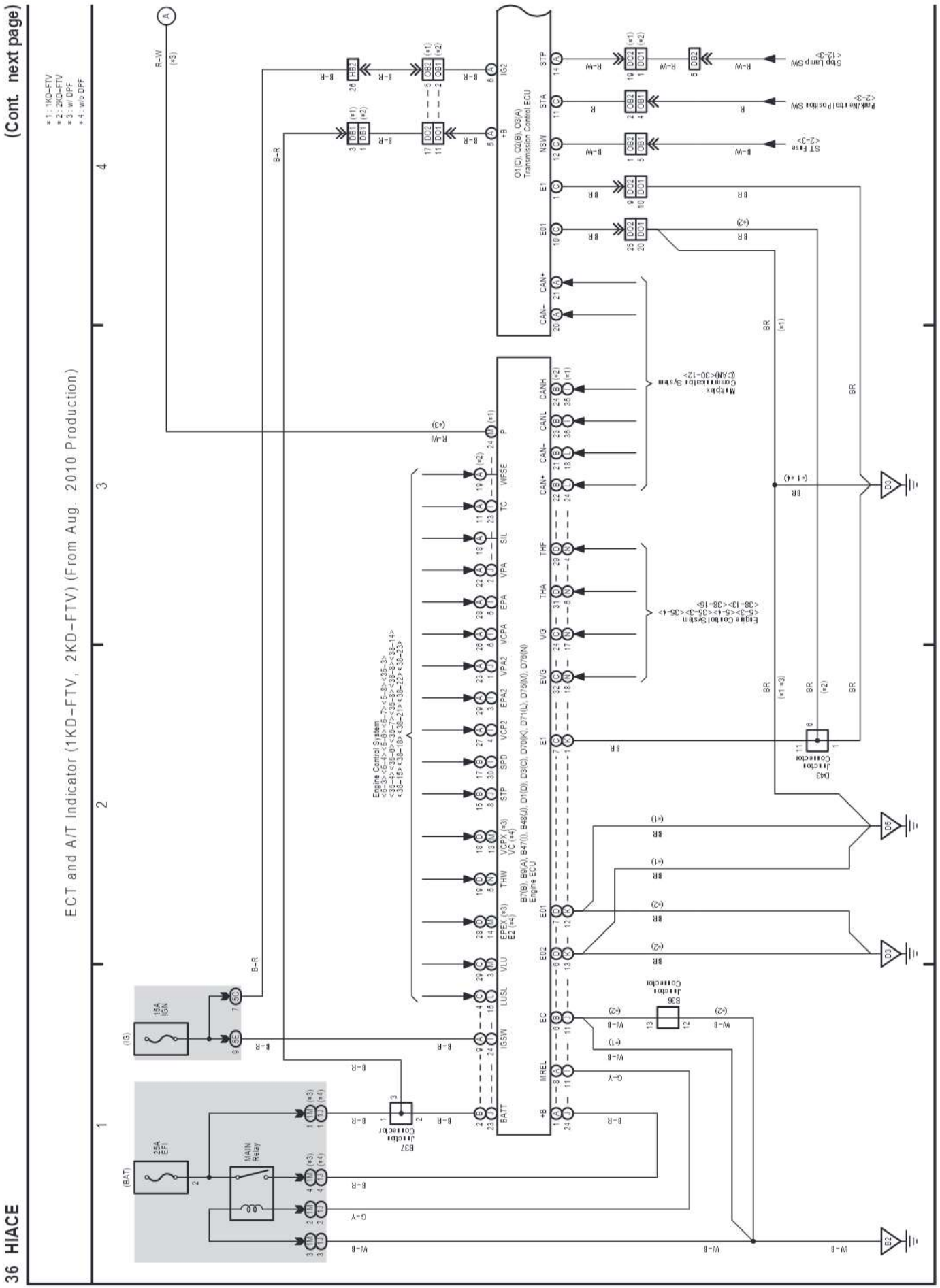


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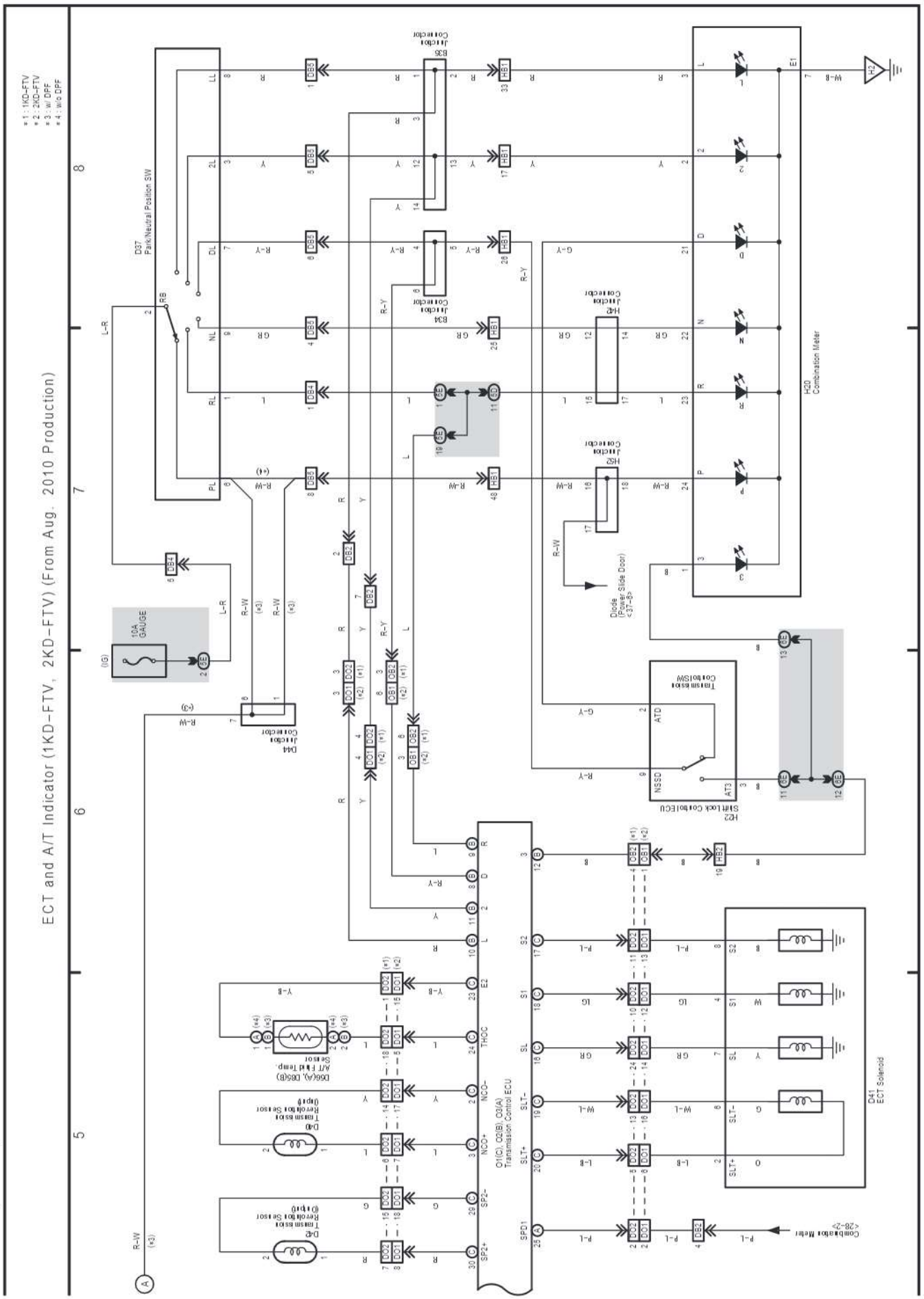
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M OVERALL ELECTRICAL WIRING DIAGRAM

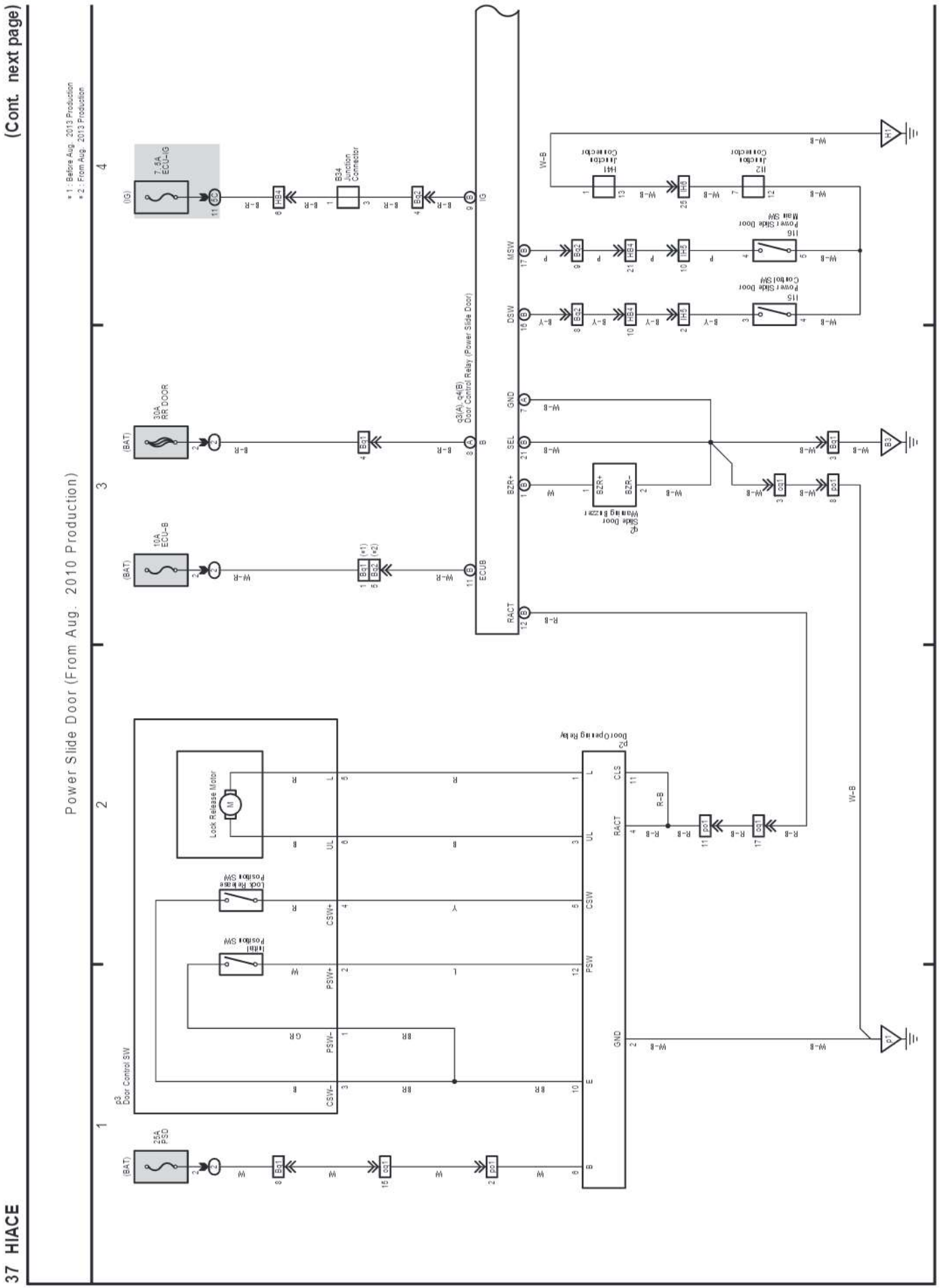


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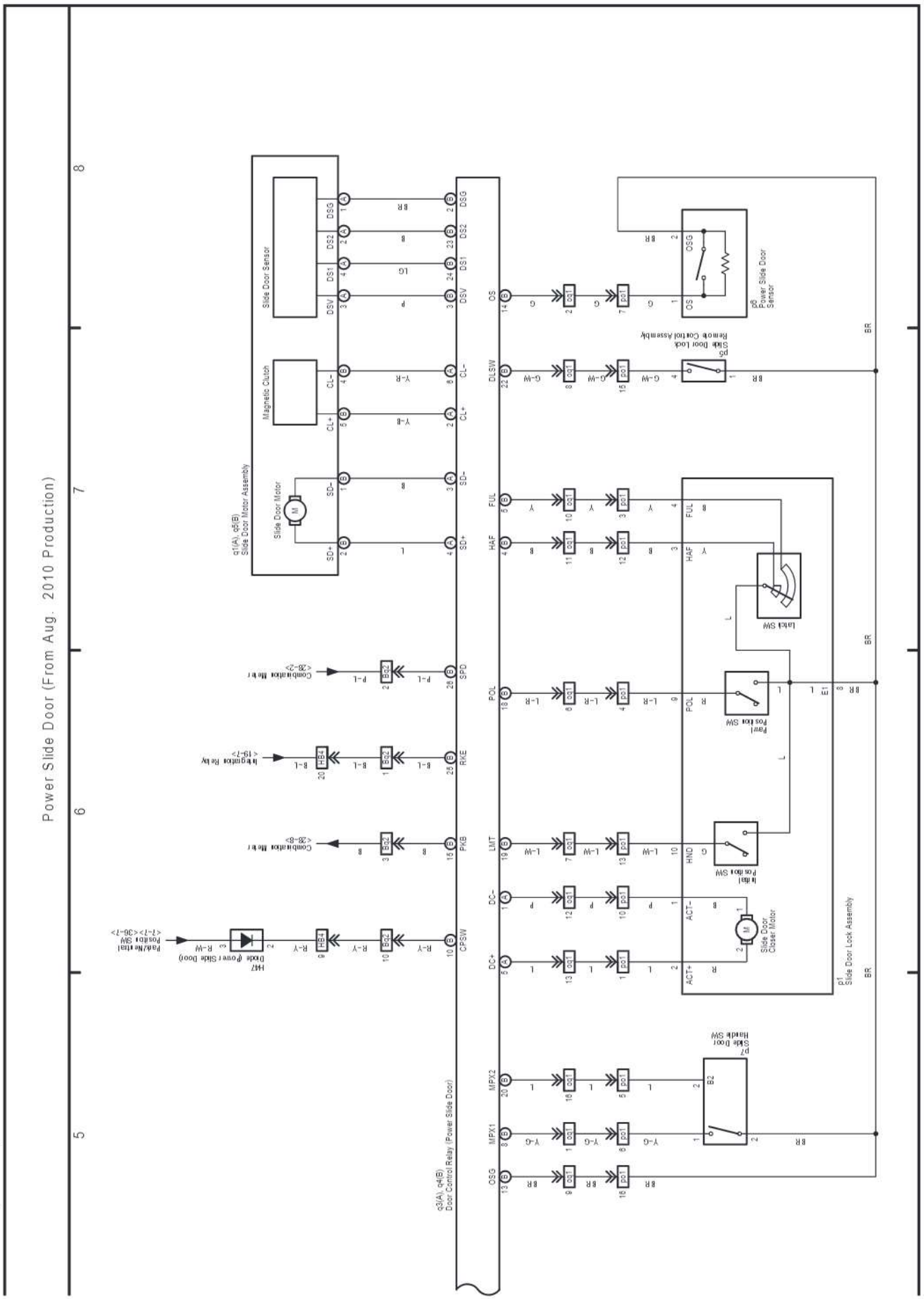


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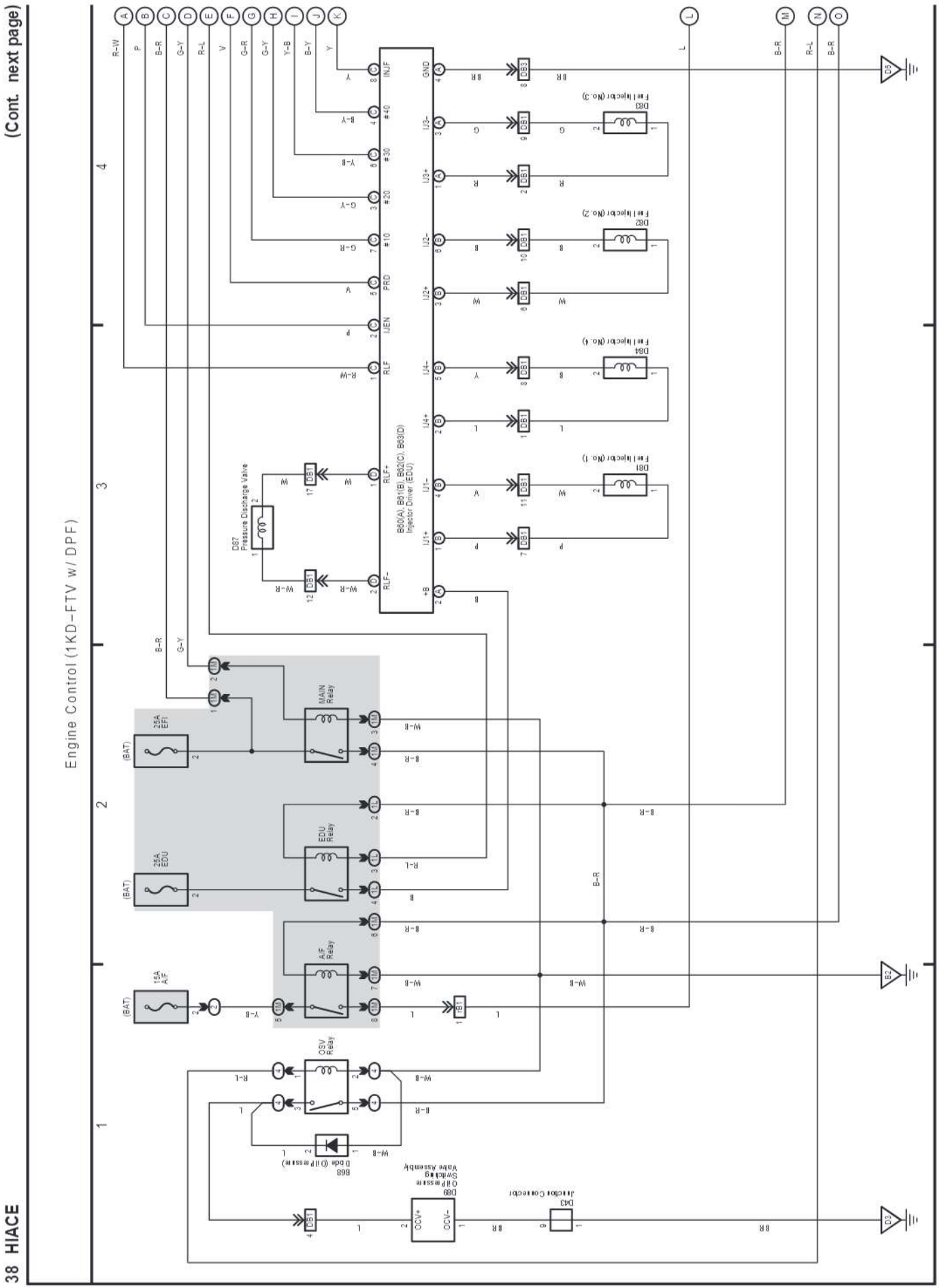
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37 HIACE (Cont' d)



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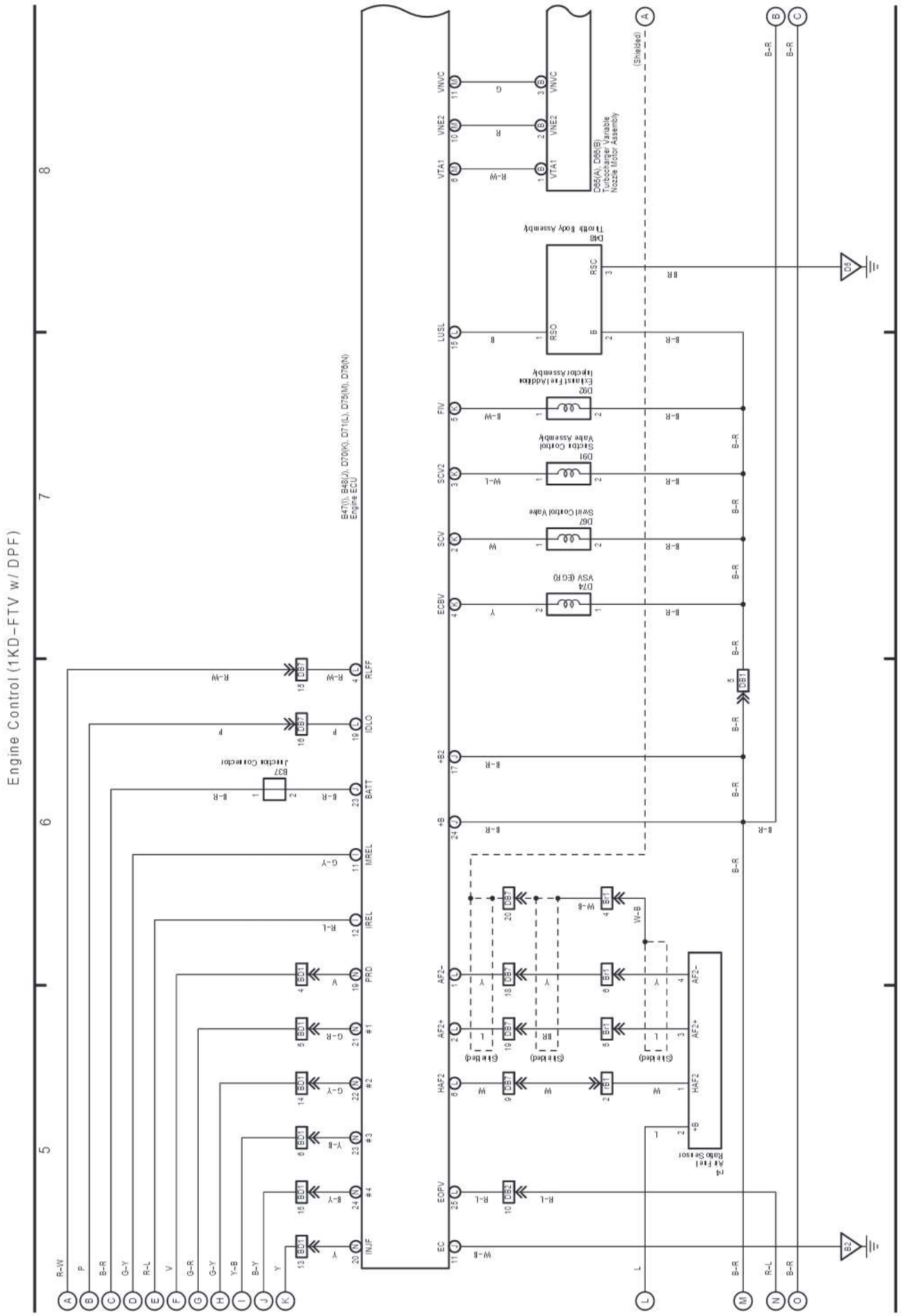
M OVERALL ELECTRICAL WIRING DIAGRAM



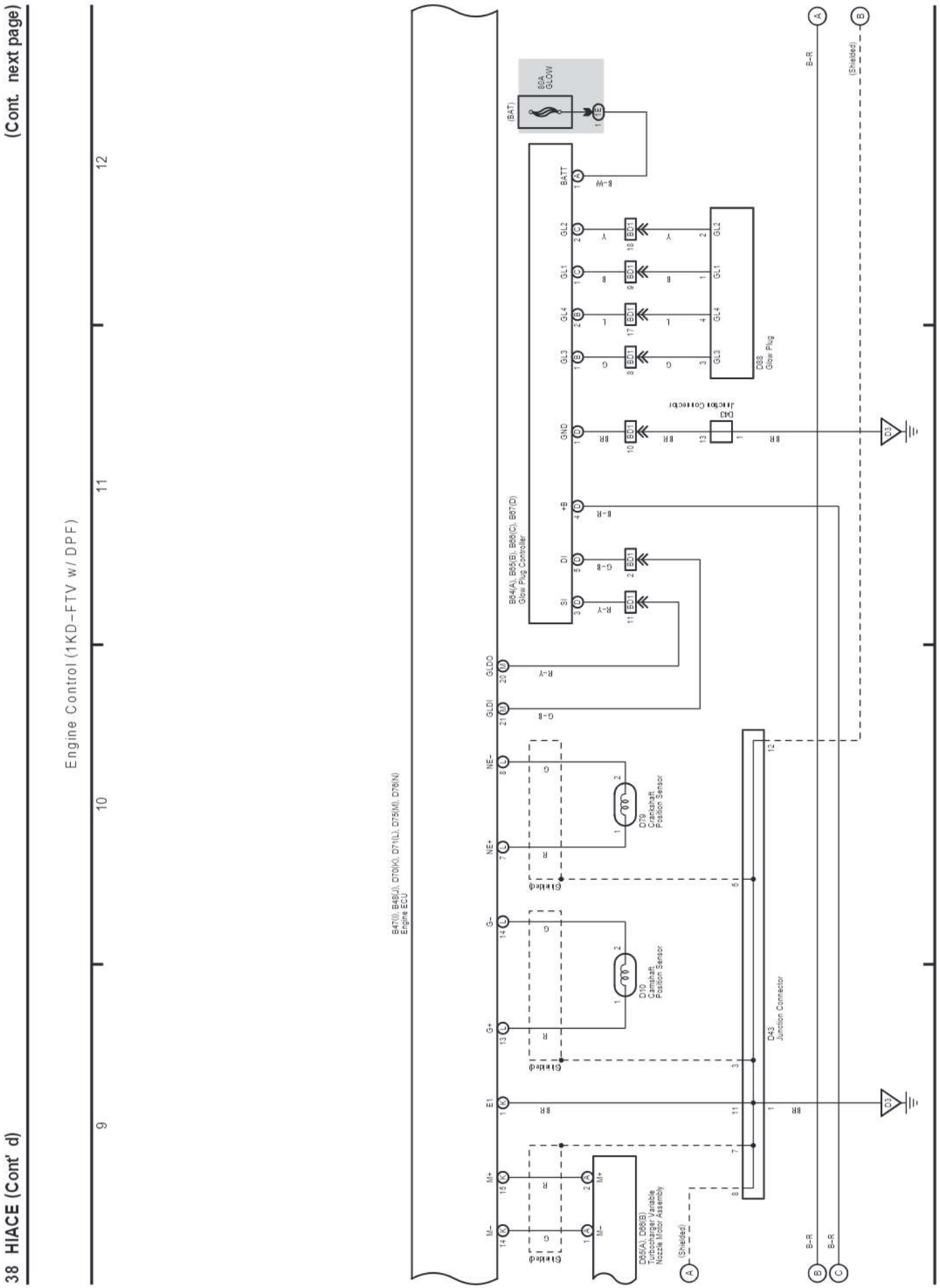
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38 HIACE (Cont' d)

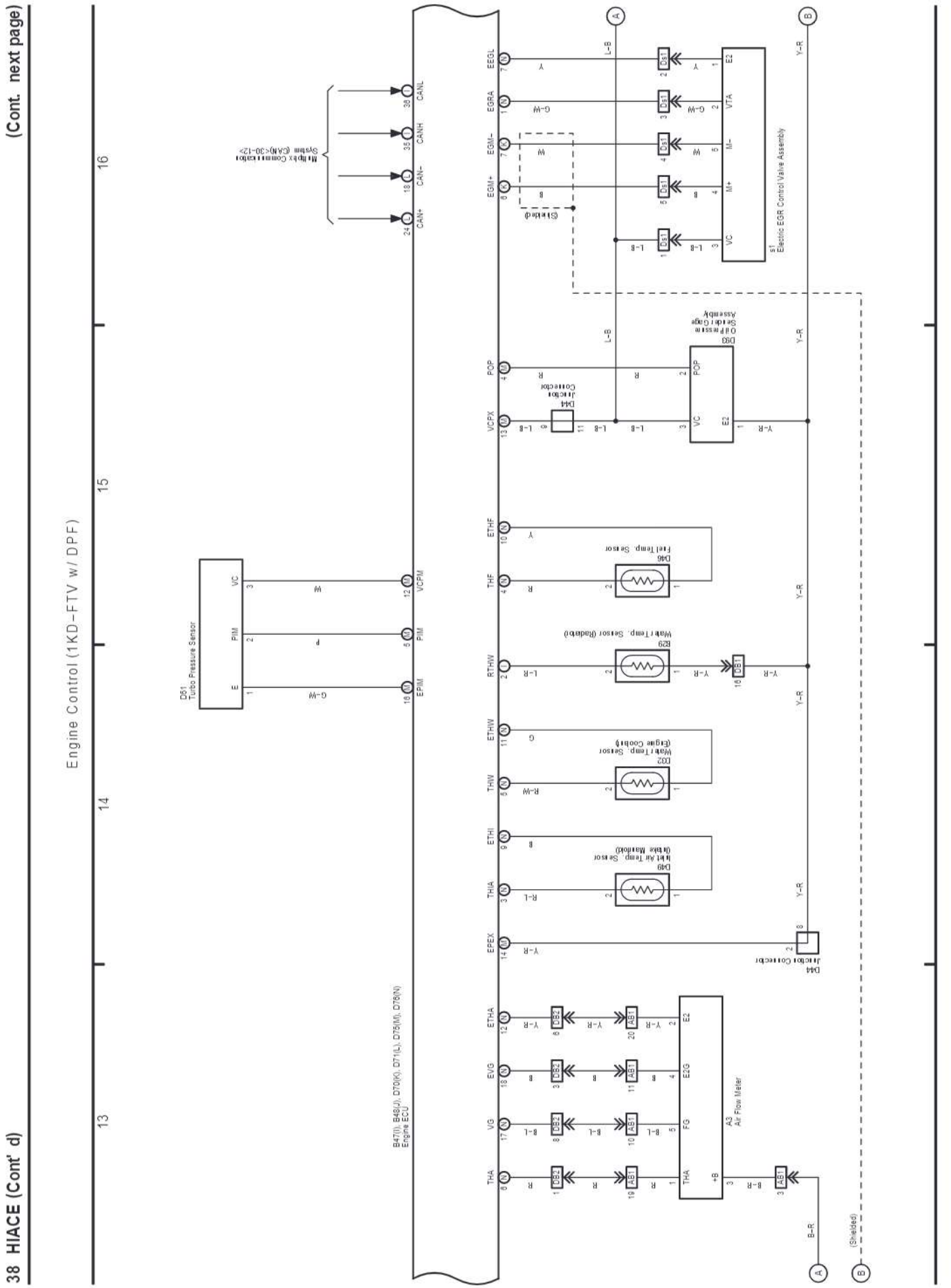
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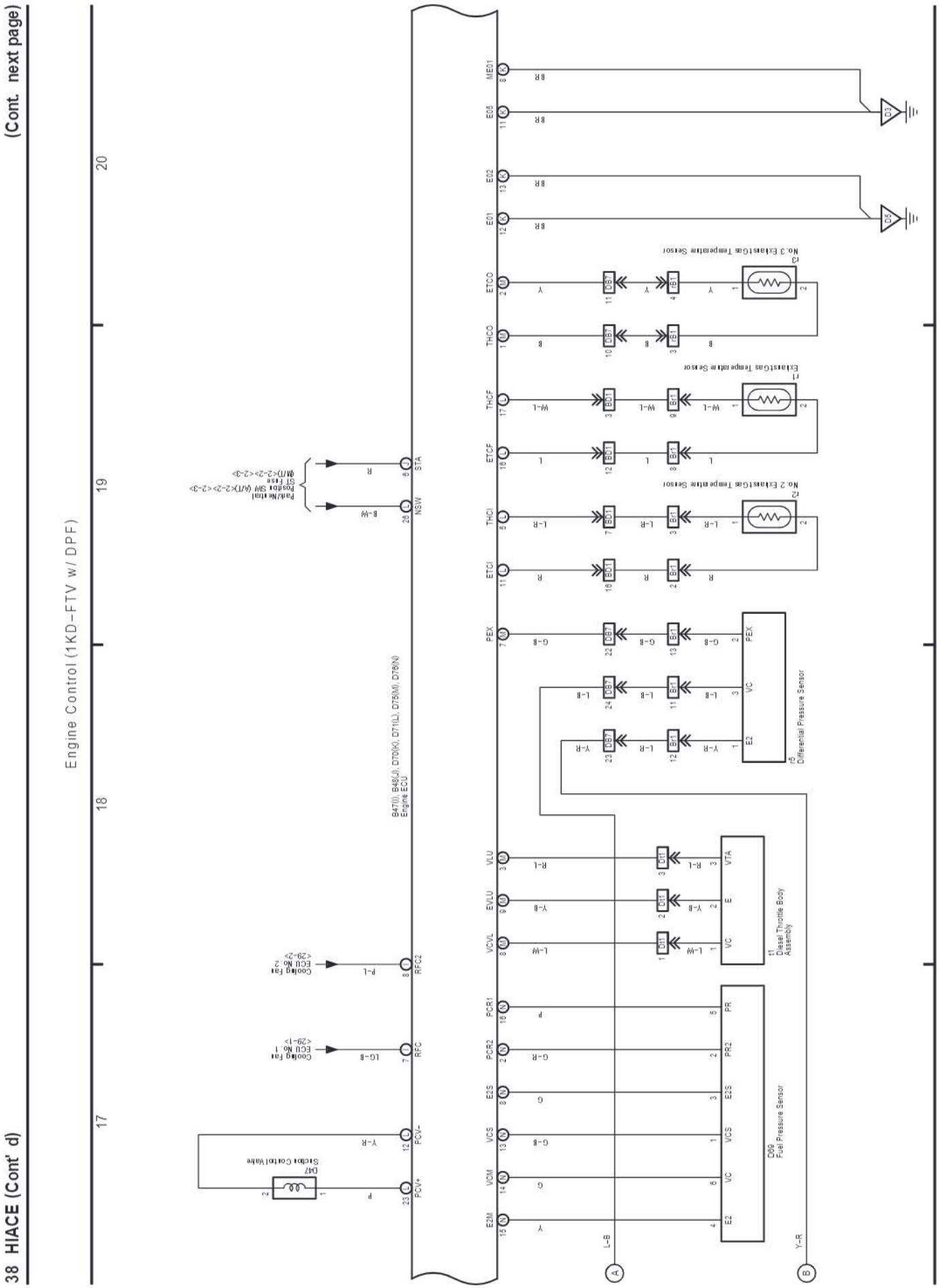
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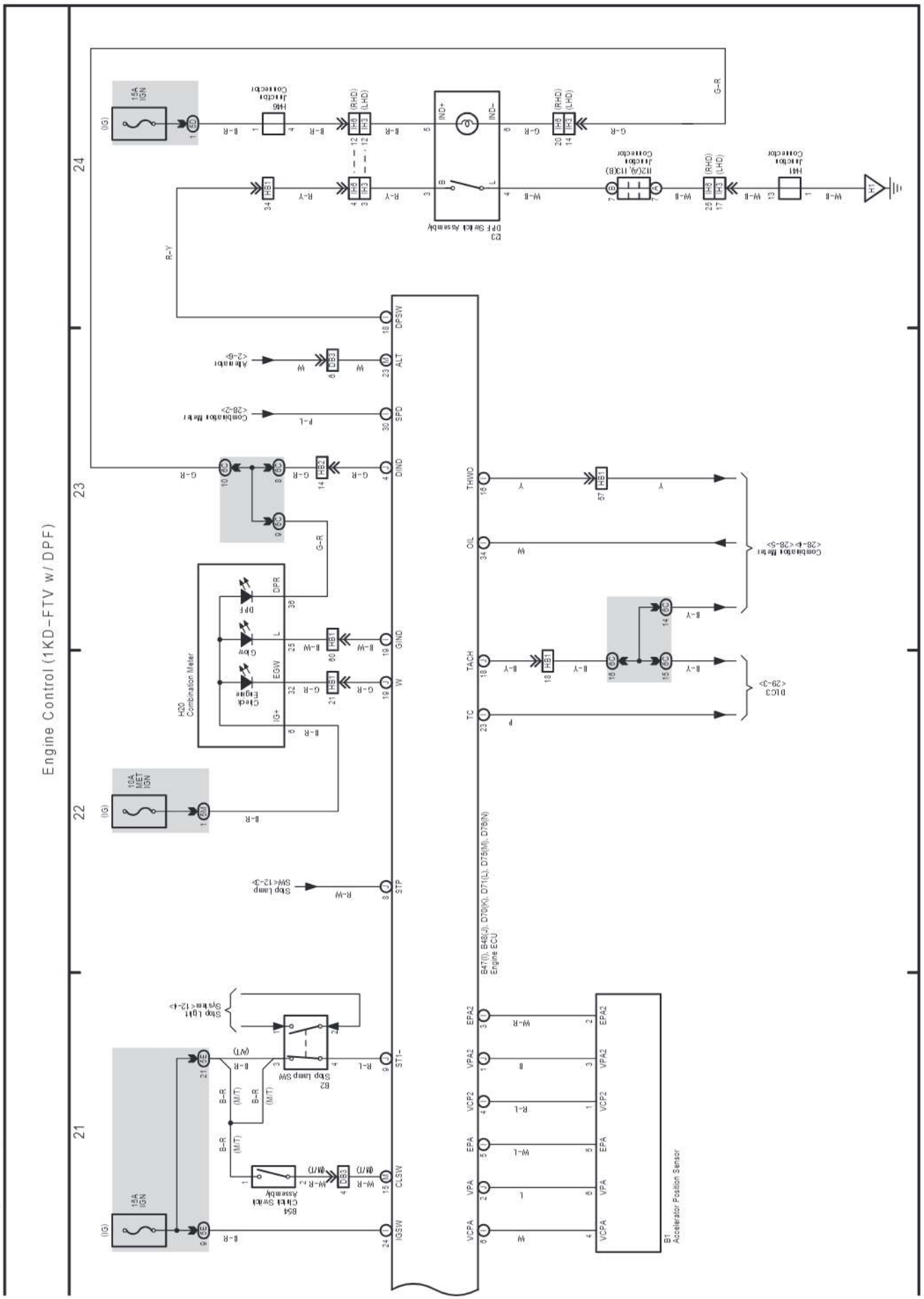


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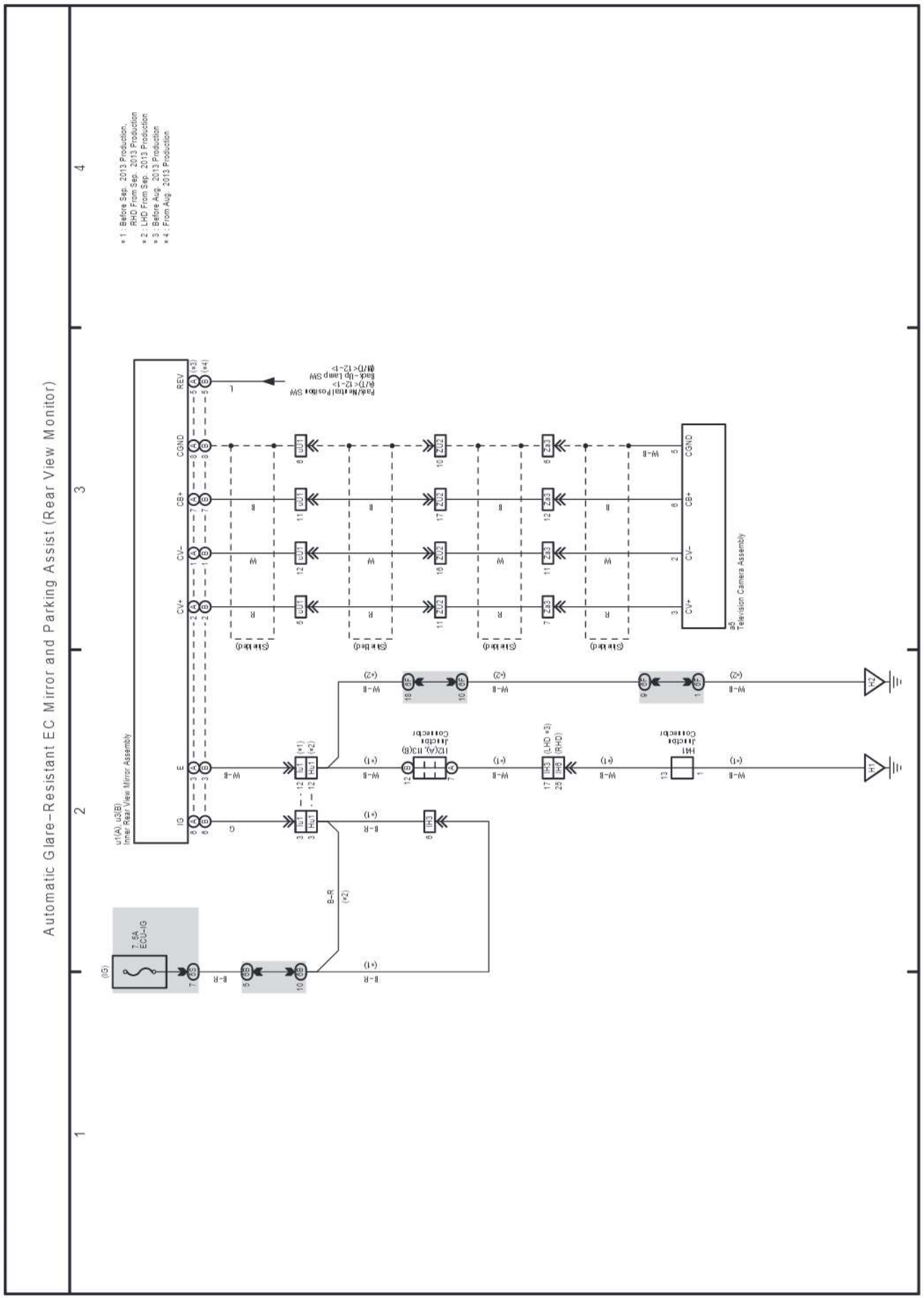


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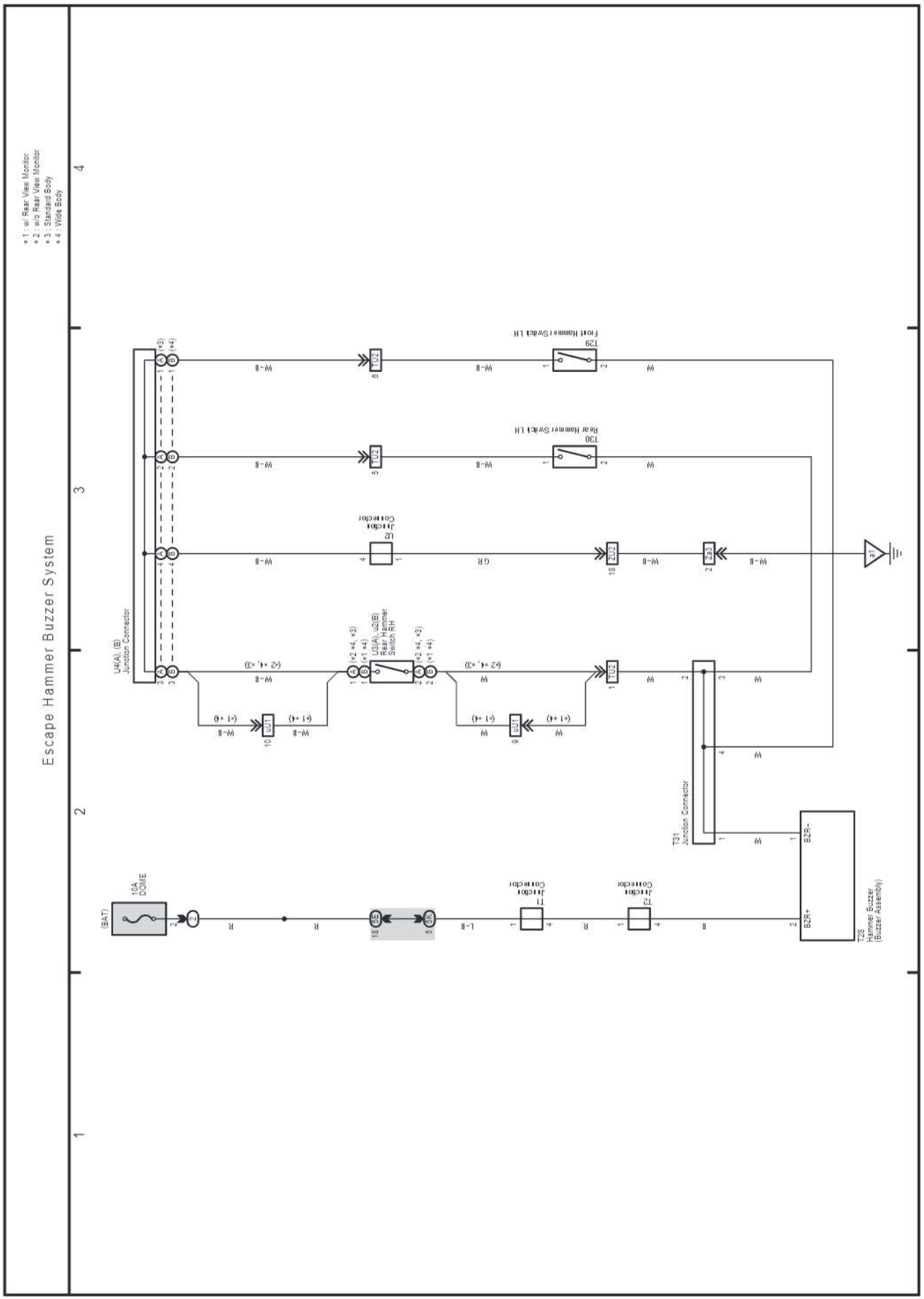
38 HIACE (Cont' d)



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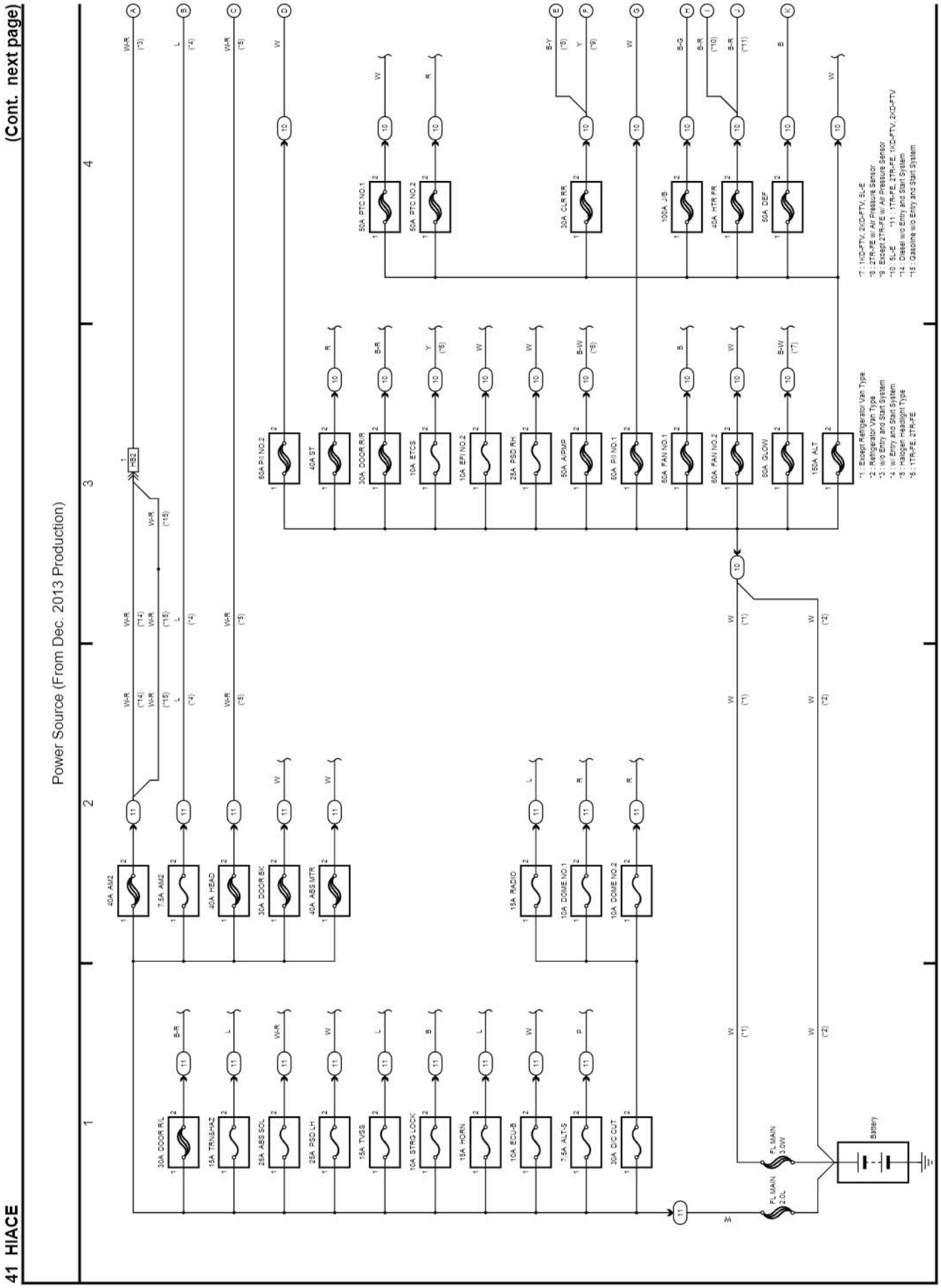


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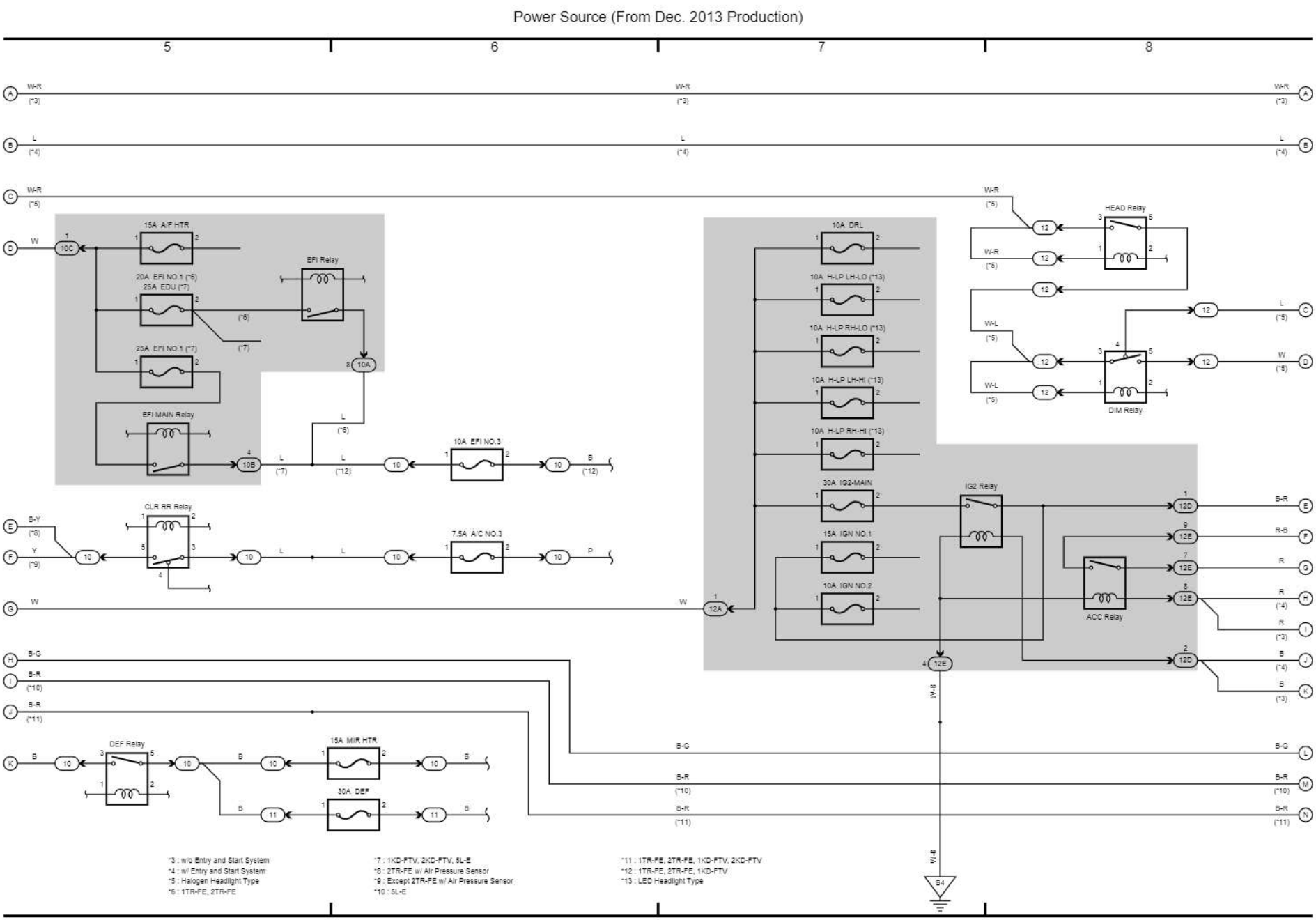


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M OVERALL ELECTRICAL WIRING DIAGRAM



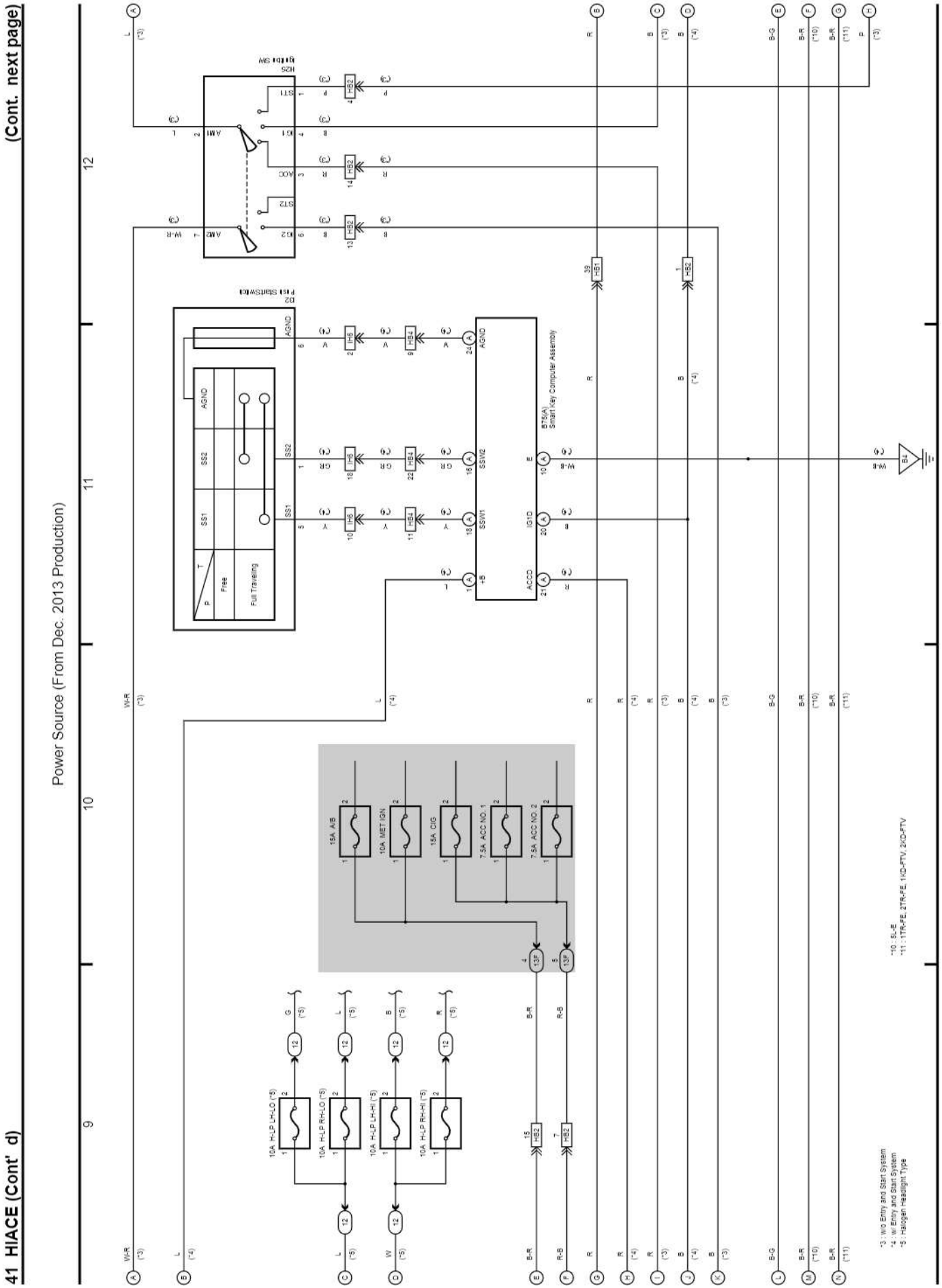
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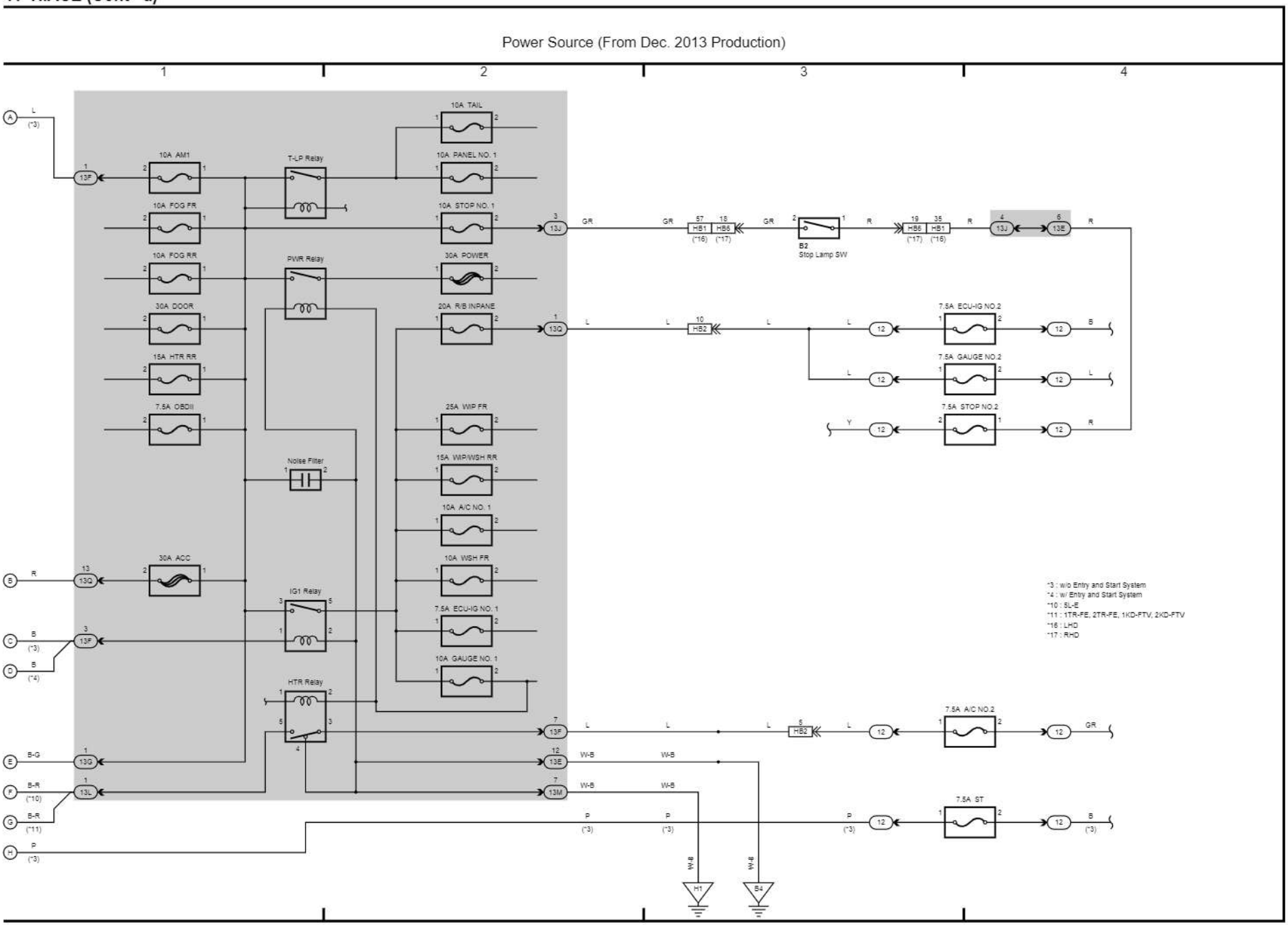


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M OVERALL ELECTRICAL WIRING DIAGRAM

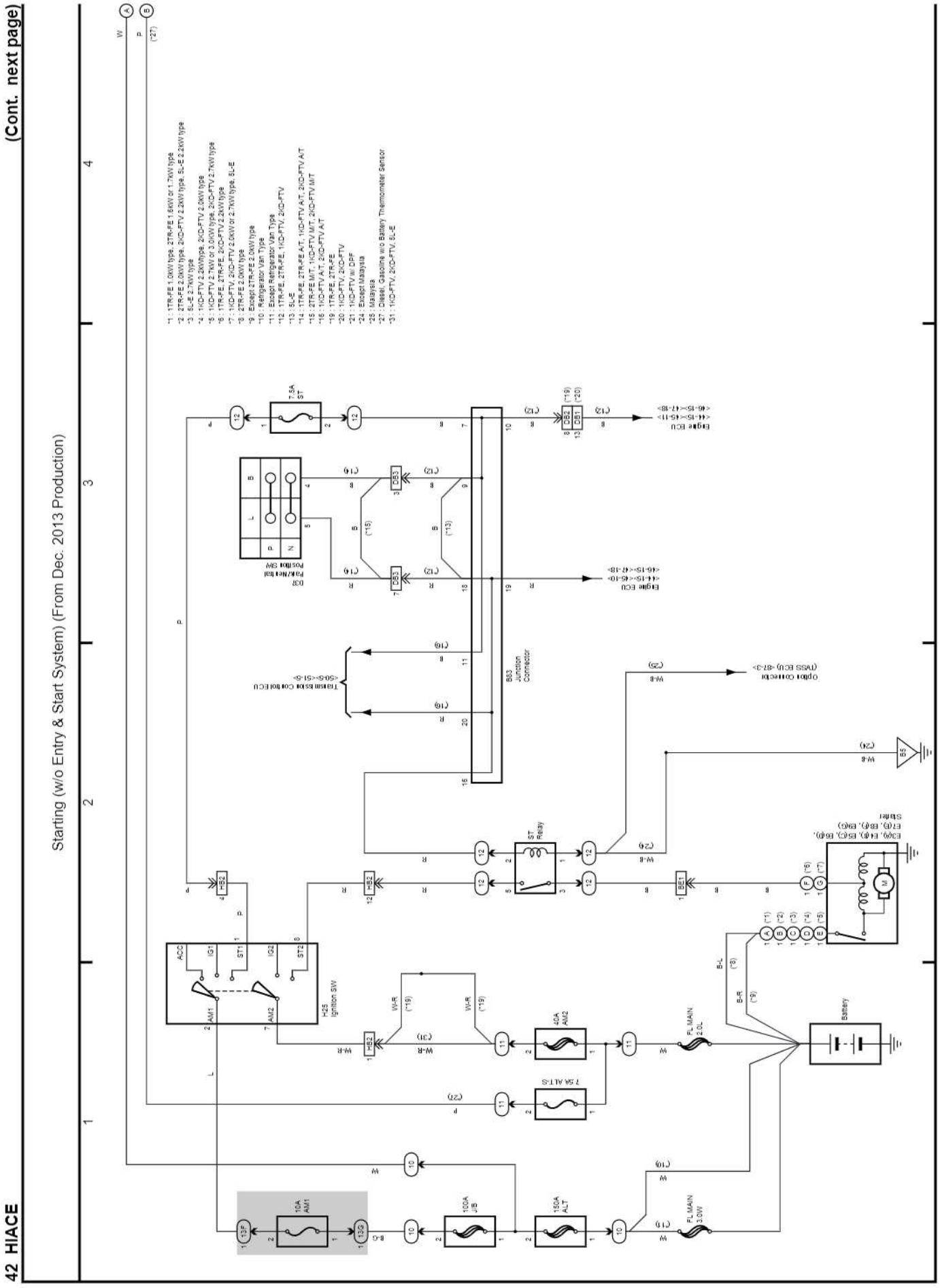




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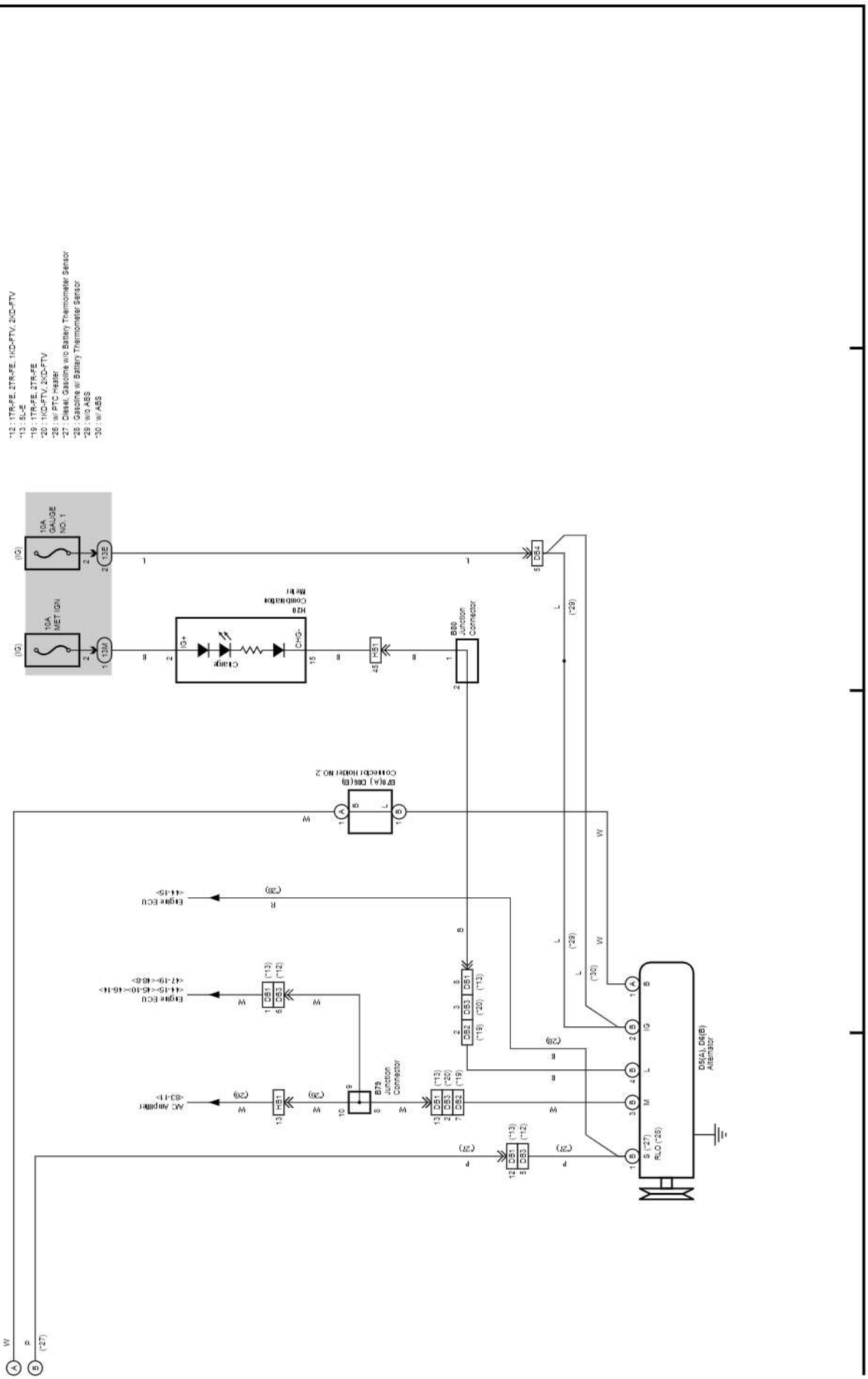
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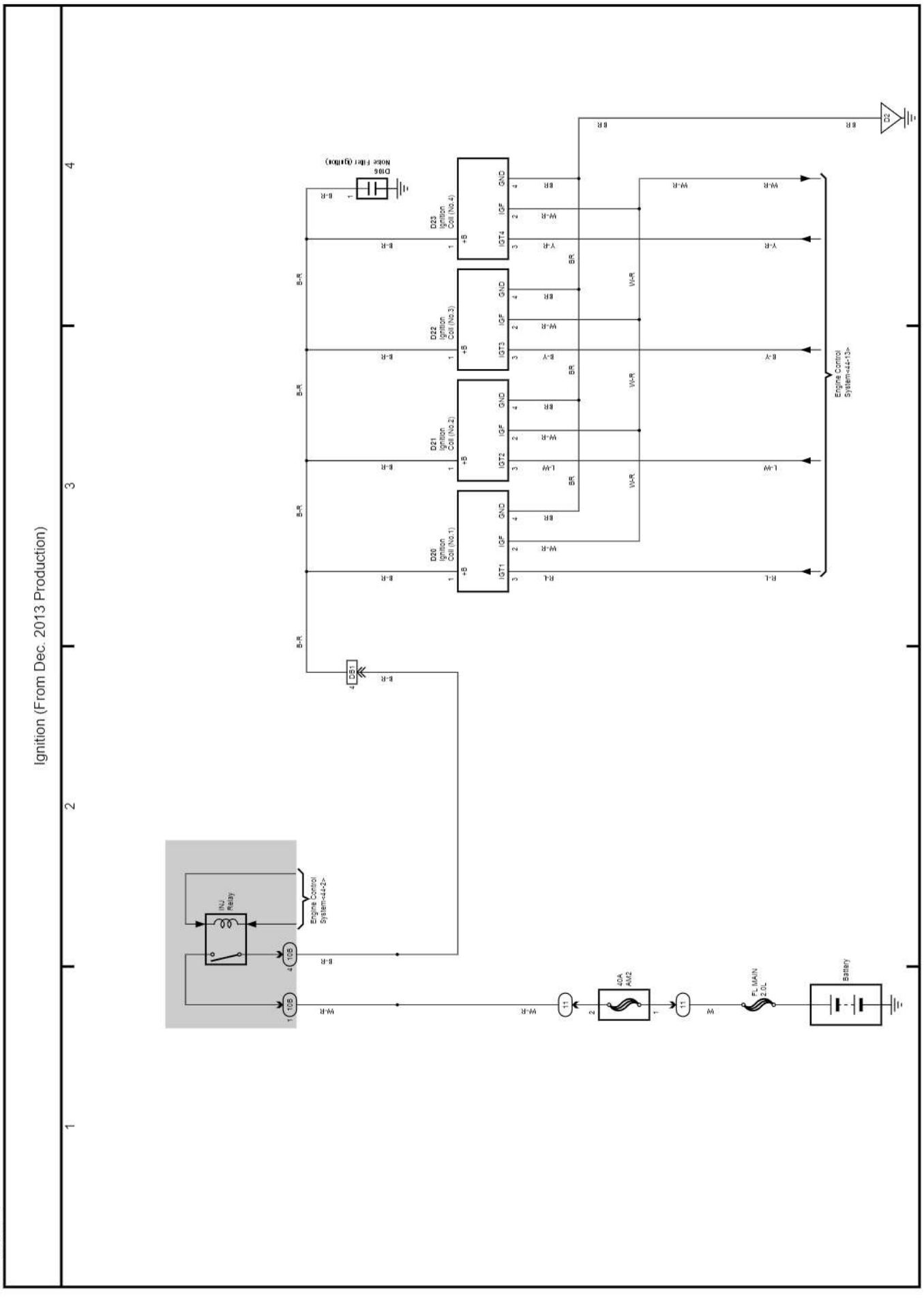
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42 HIACE (Cont' d)



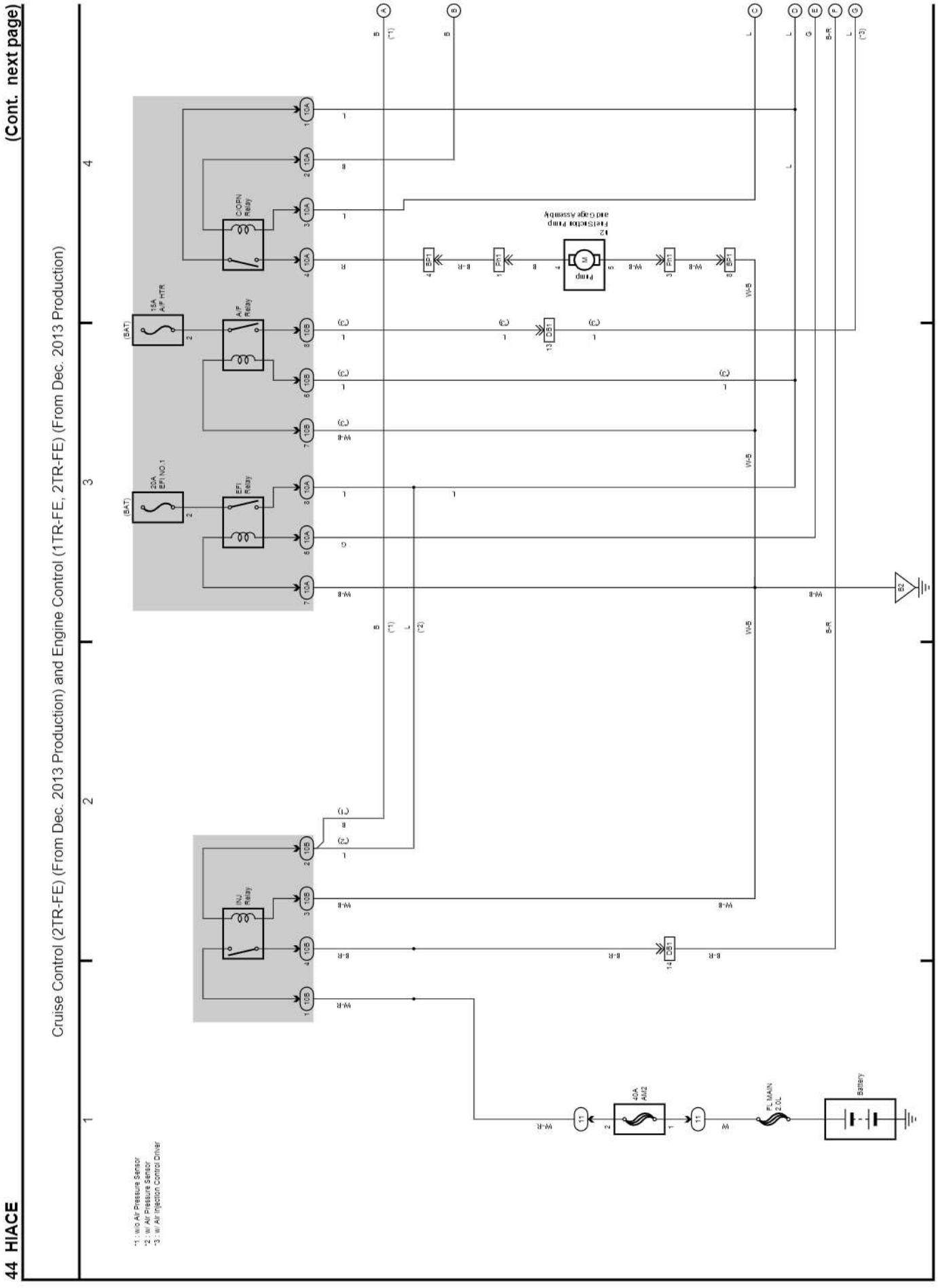
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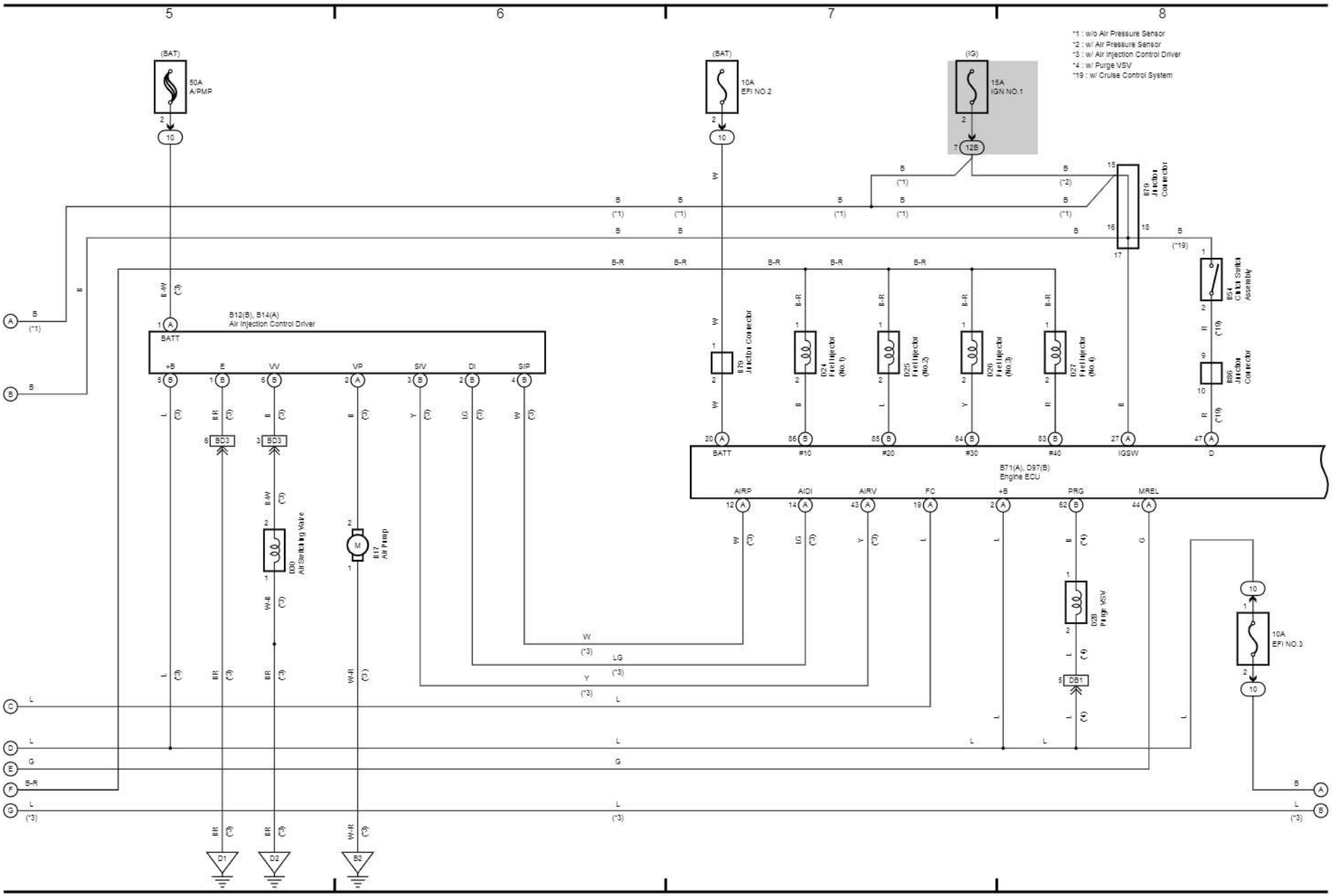
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M OVERALL ELECTRICAL WIRING DIAGRAM



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Cruise Control (2TR-FE) (From Dec. 2013 Production) and Engine Control (1TR-FE, 2TR-FE) (From Dec. 2013 Production)

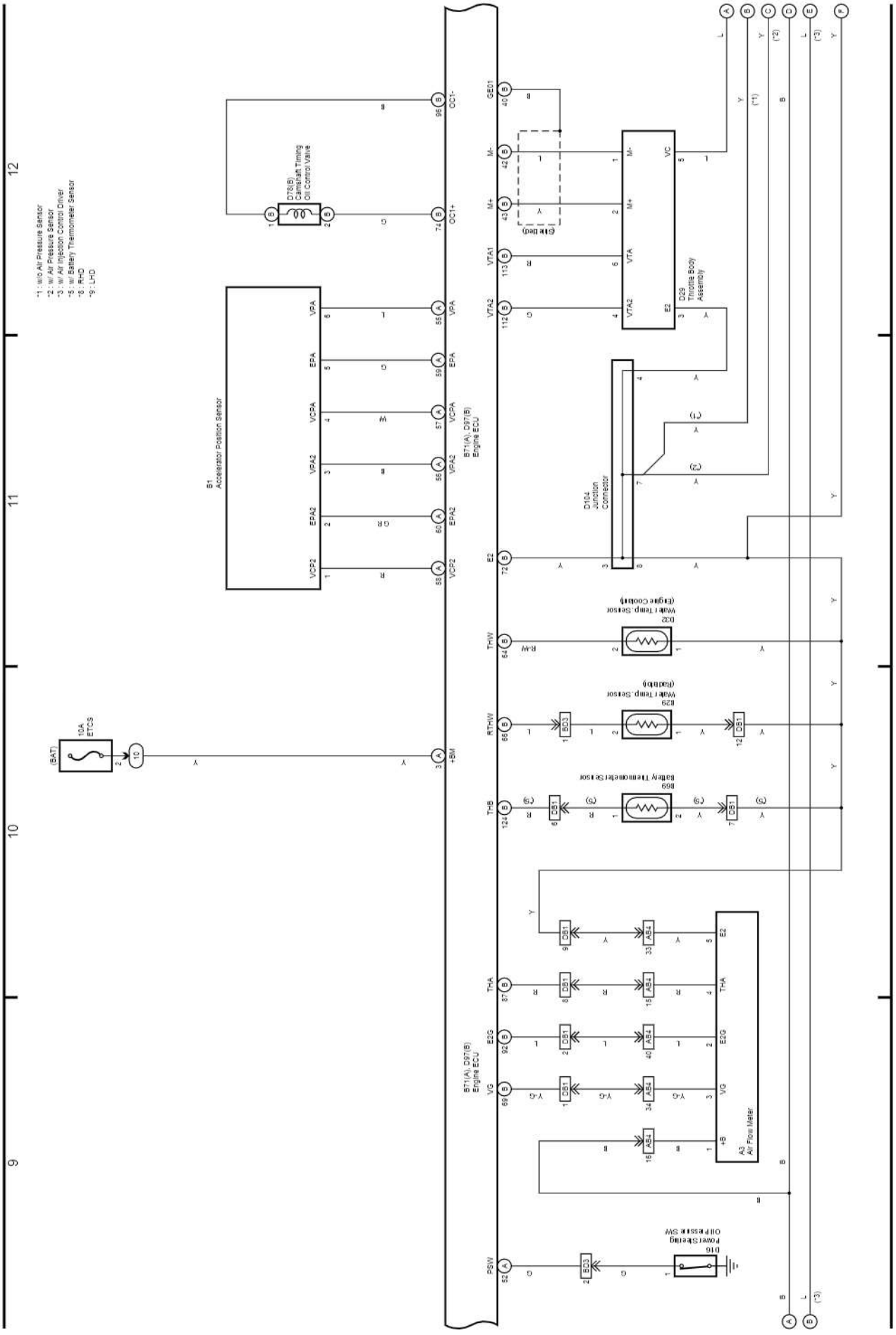


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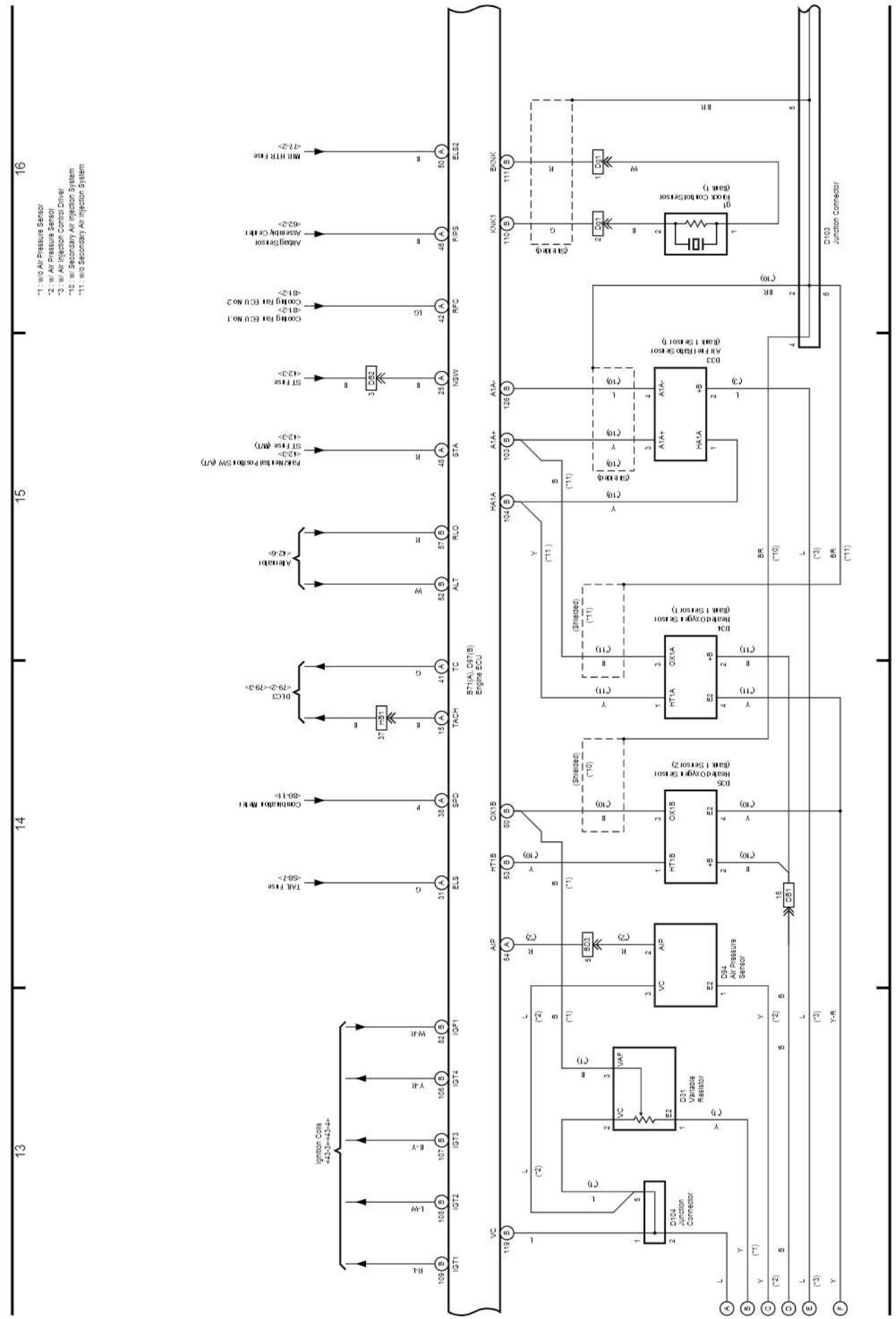
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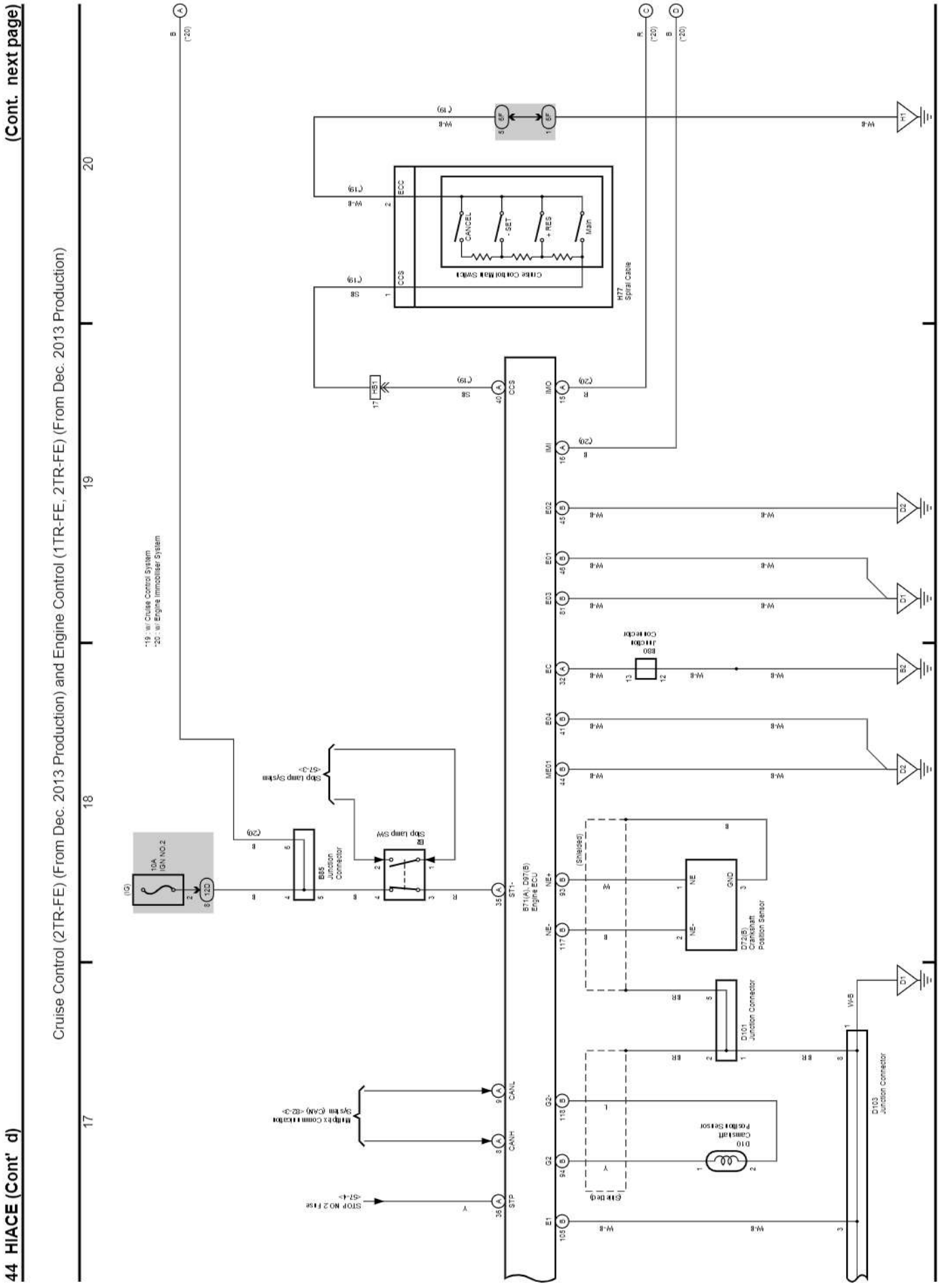
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Cruise Control (2TR-FE) (From Dec. 2013 Production) and Engine Control (1TR-FE, 2TR-FE) (From Dec. 2013 Production)

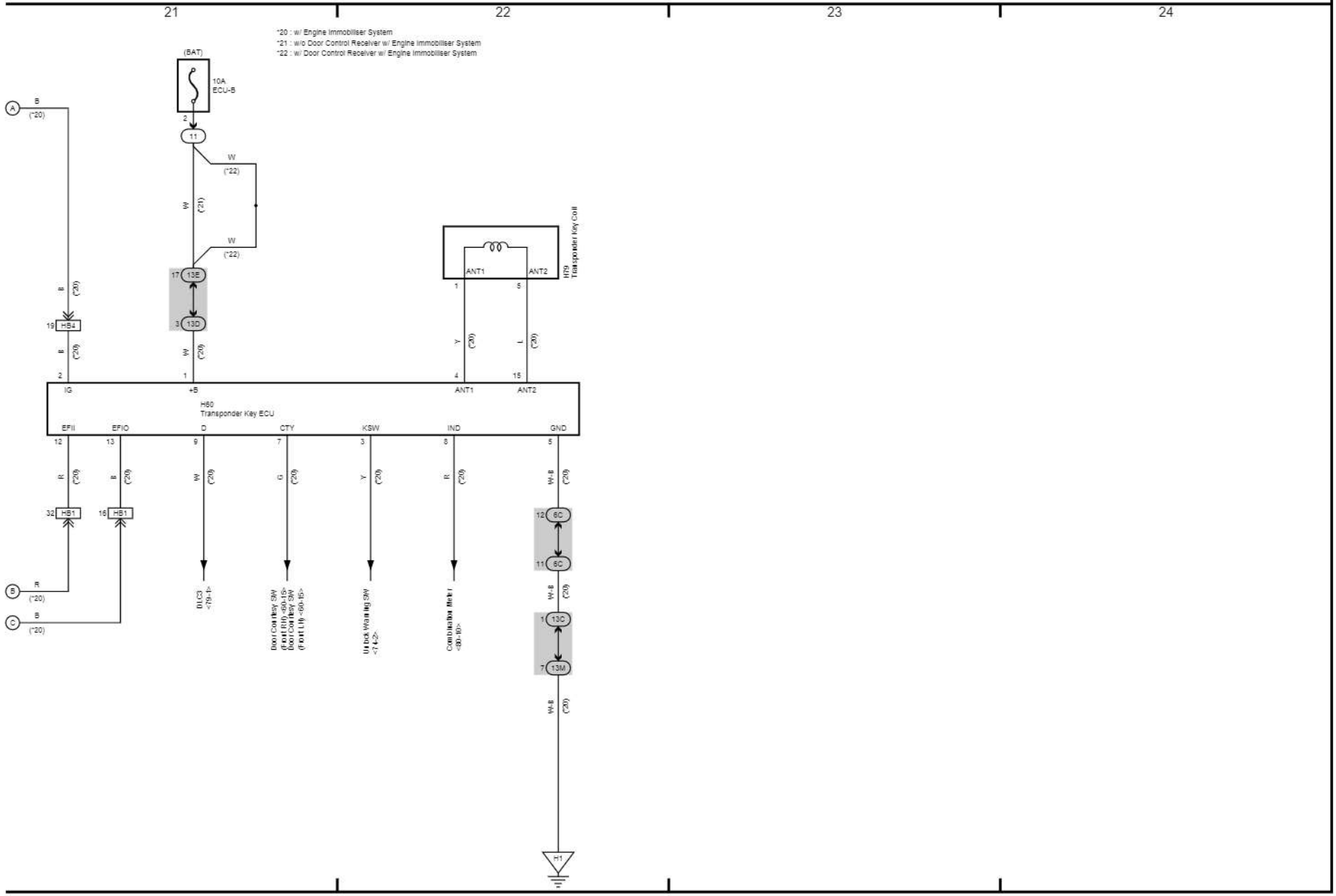


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M OVERALL ELECTRICAL WIRING DIAGRAM



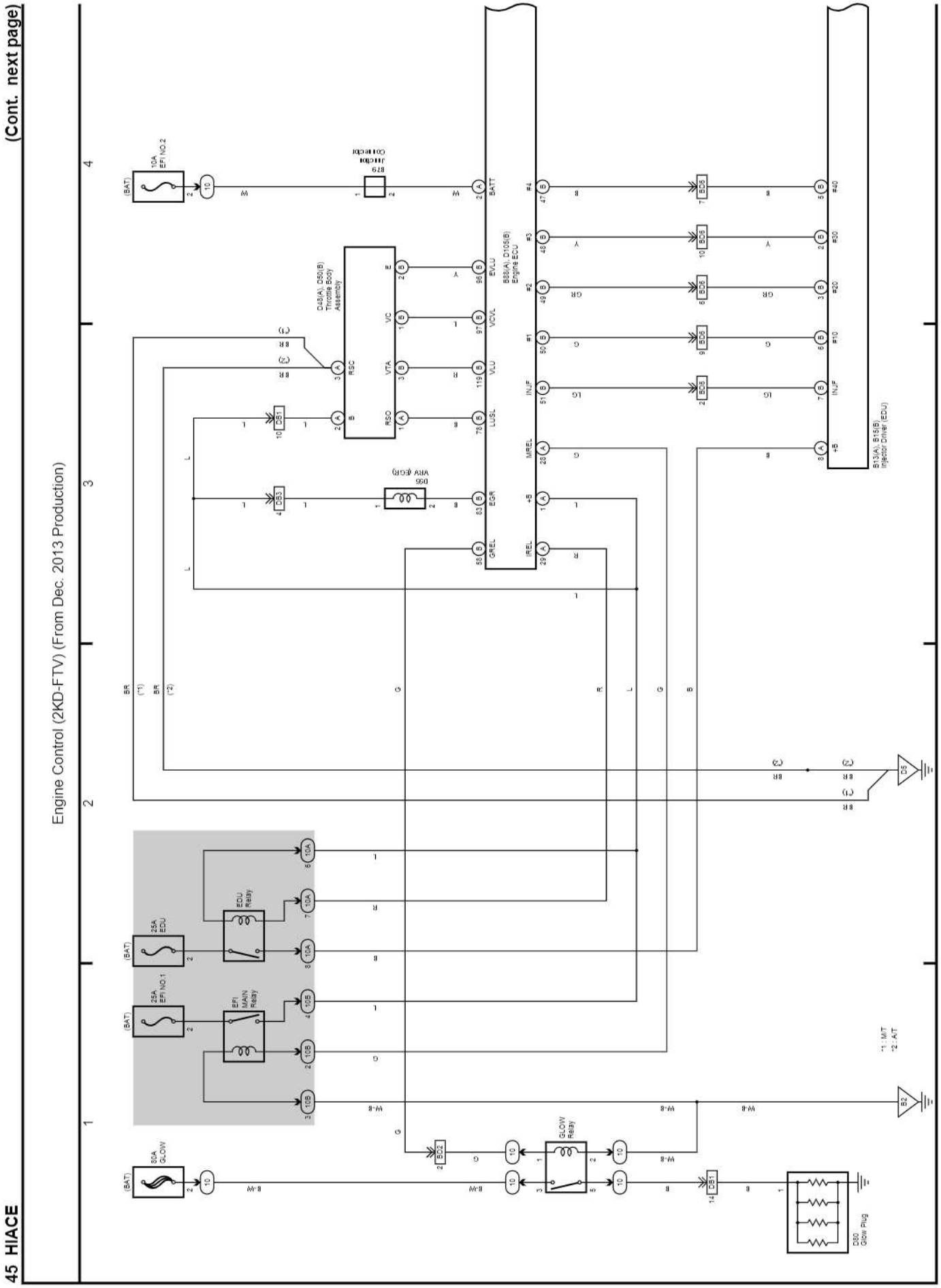
Engine Immobiliser System (1TR-FE, 2TR-FE) (From Dec. 2013 Production)



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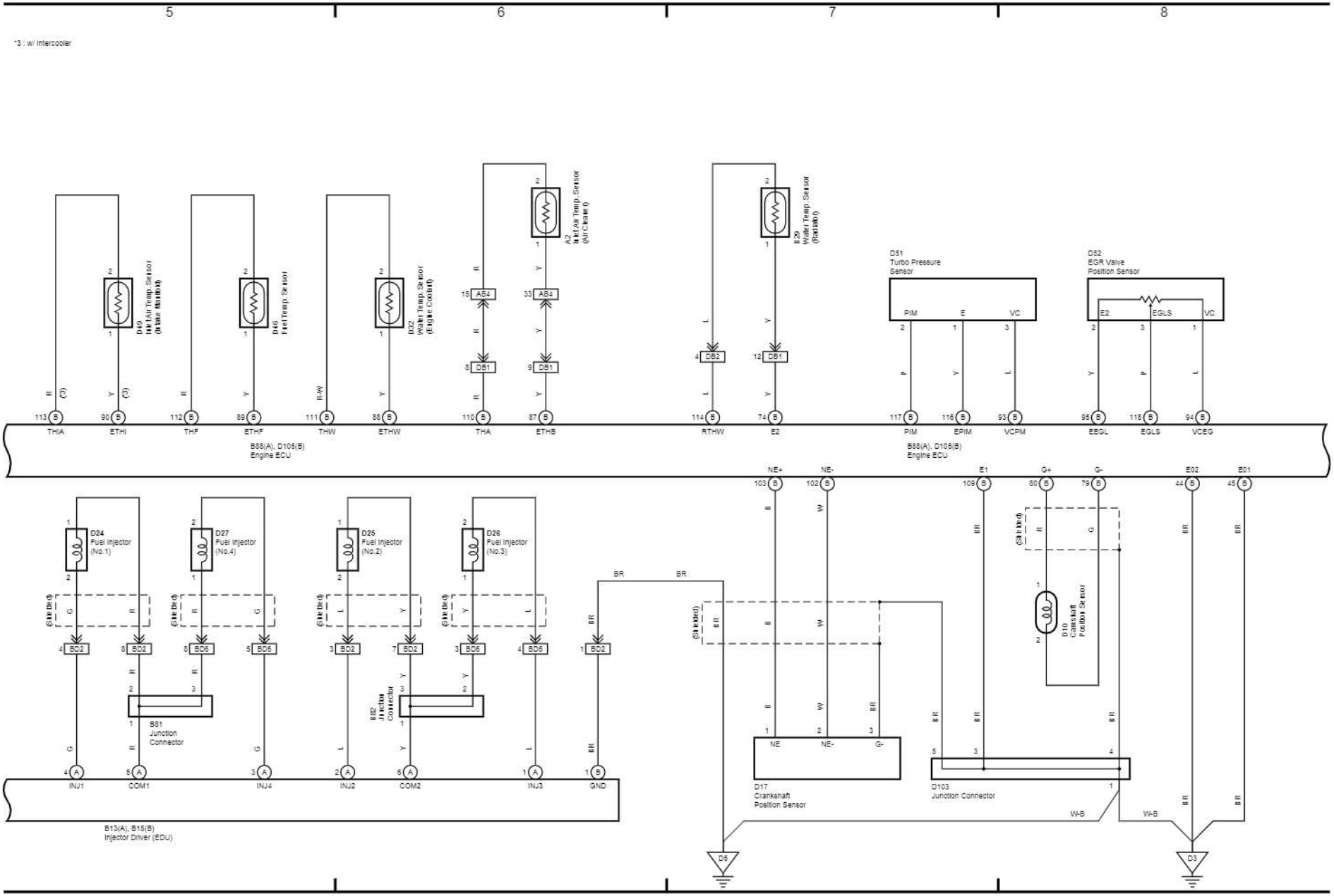
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M OVERALL ELECTRICAL WIRING DIAGRAM



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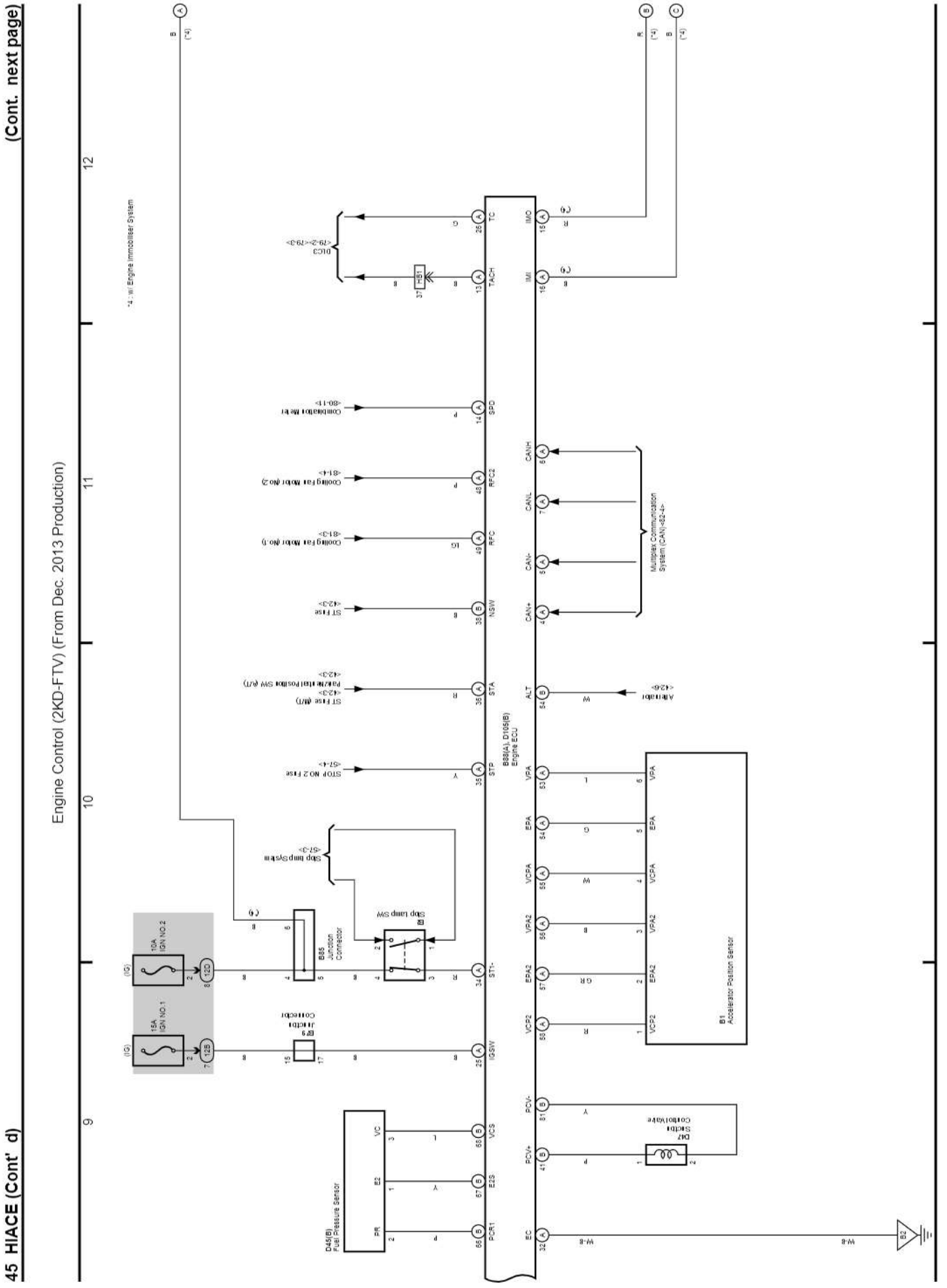
Engine Control (2KD-FTV) (From Dec. 2013 Production)



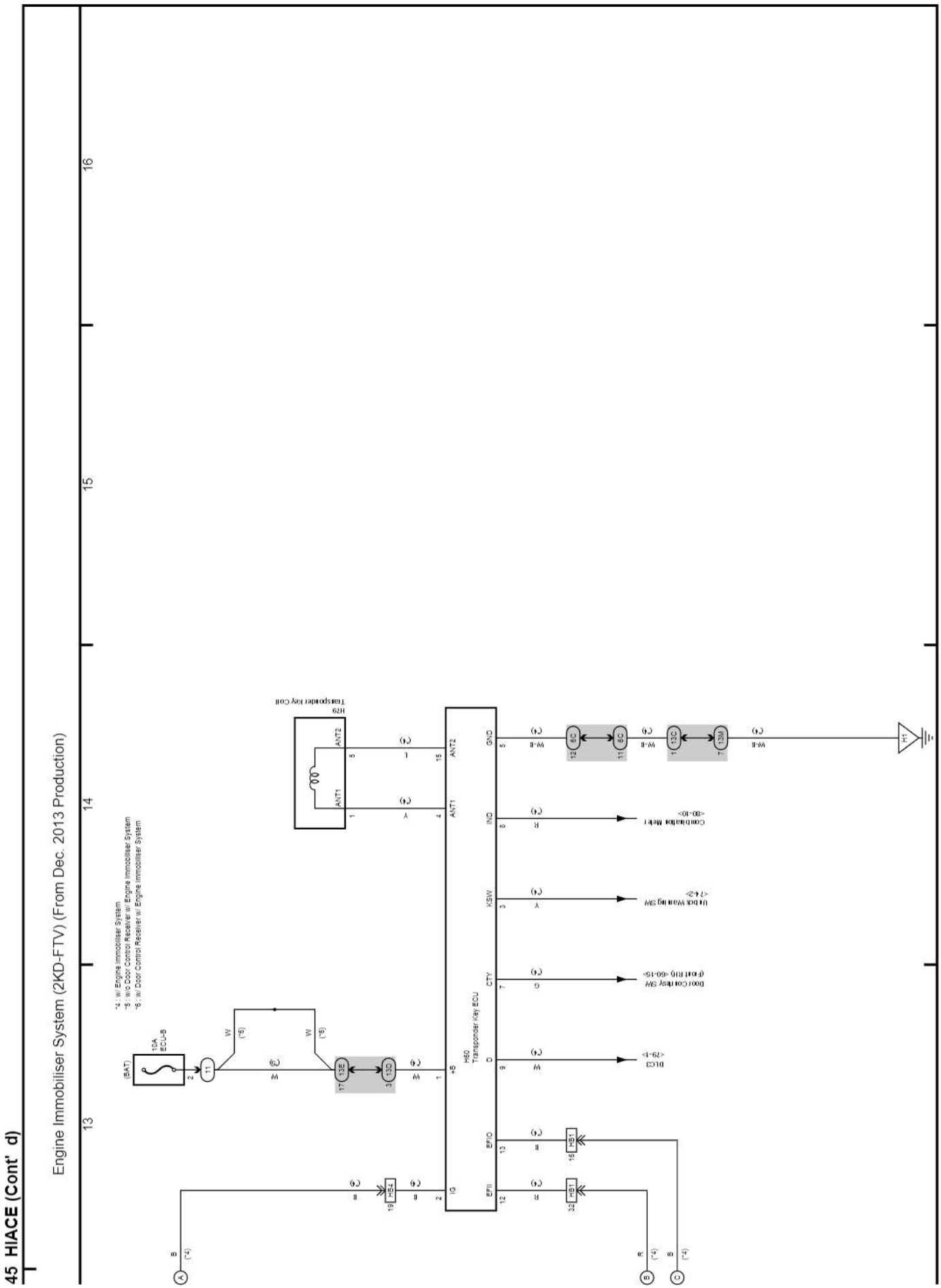
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M OVERALL ELECTRICAL WIRING DIAGRAM

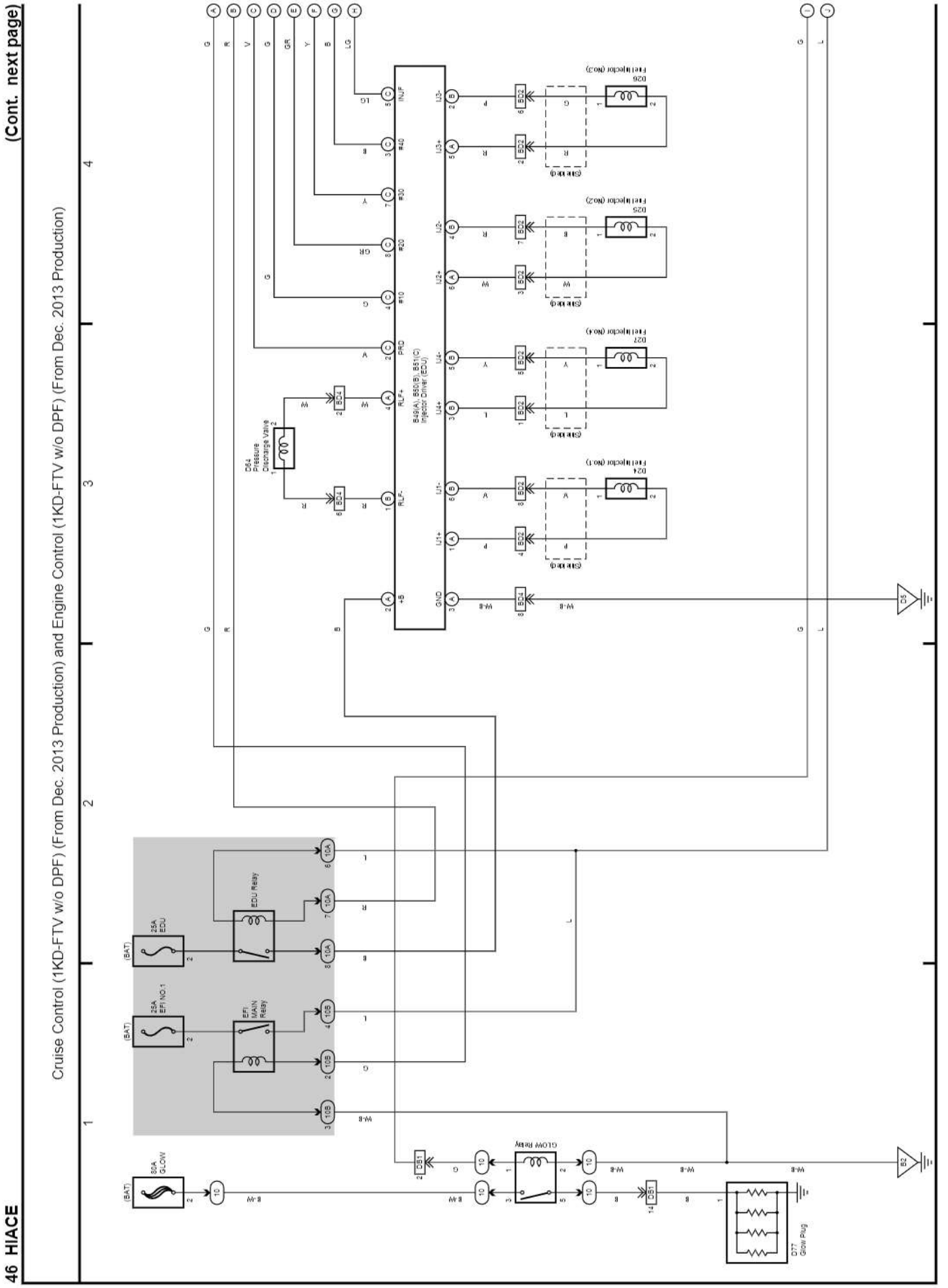


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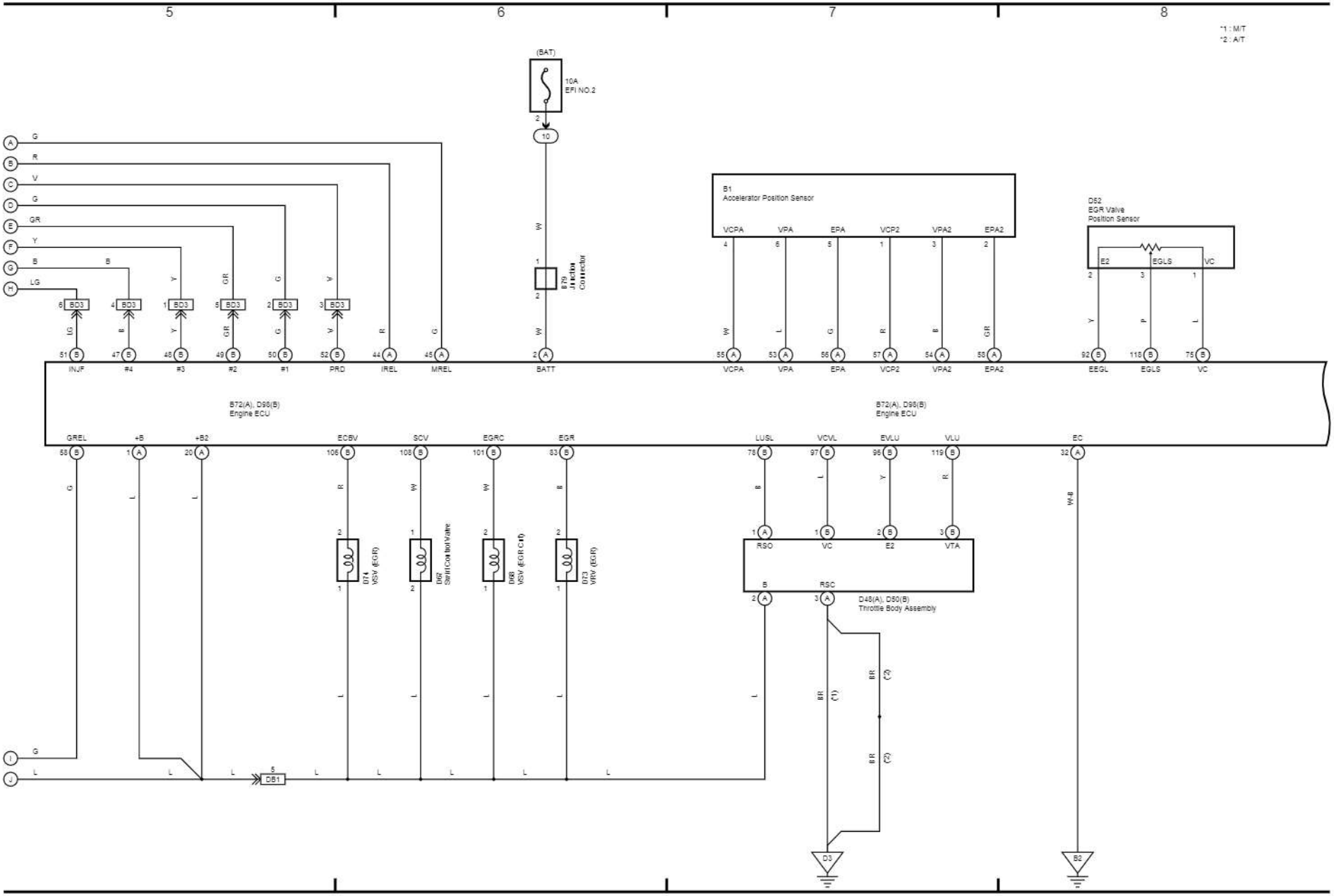
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M OVERALL ELECTRICAL WIRING DIAGRAM



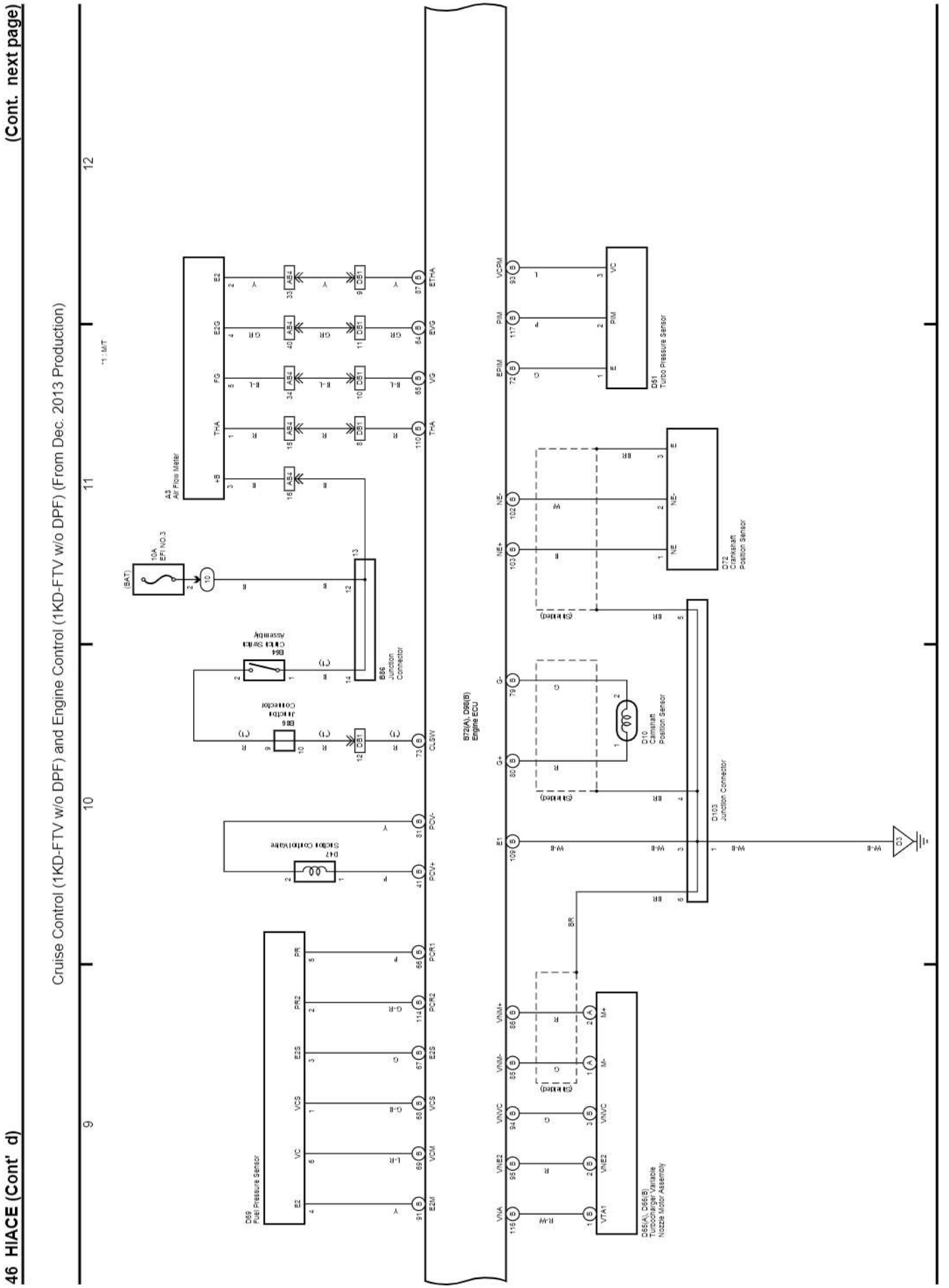
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Cruise Control (1KD-FTV w/o DPF) (From Dec. 2013 Production) and Engine Control (1KD-FTV w/o DPF) (From Dec. 2013 Production)



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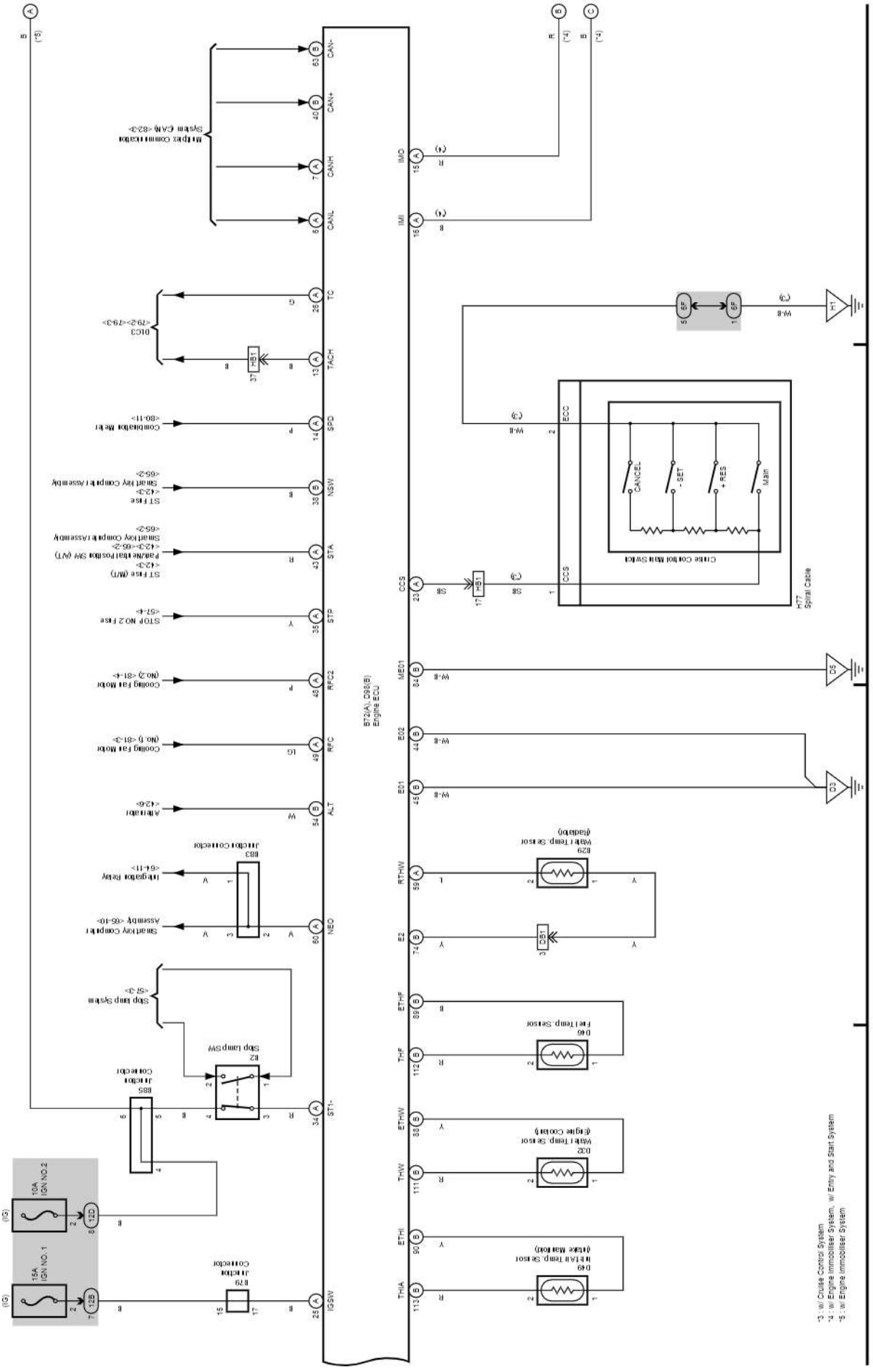
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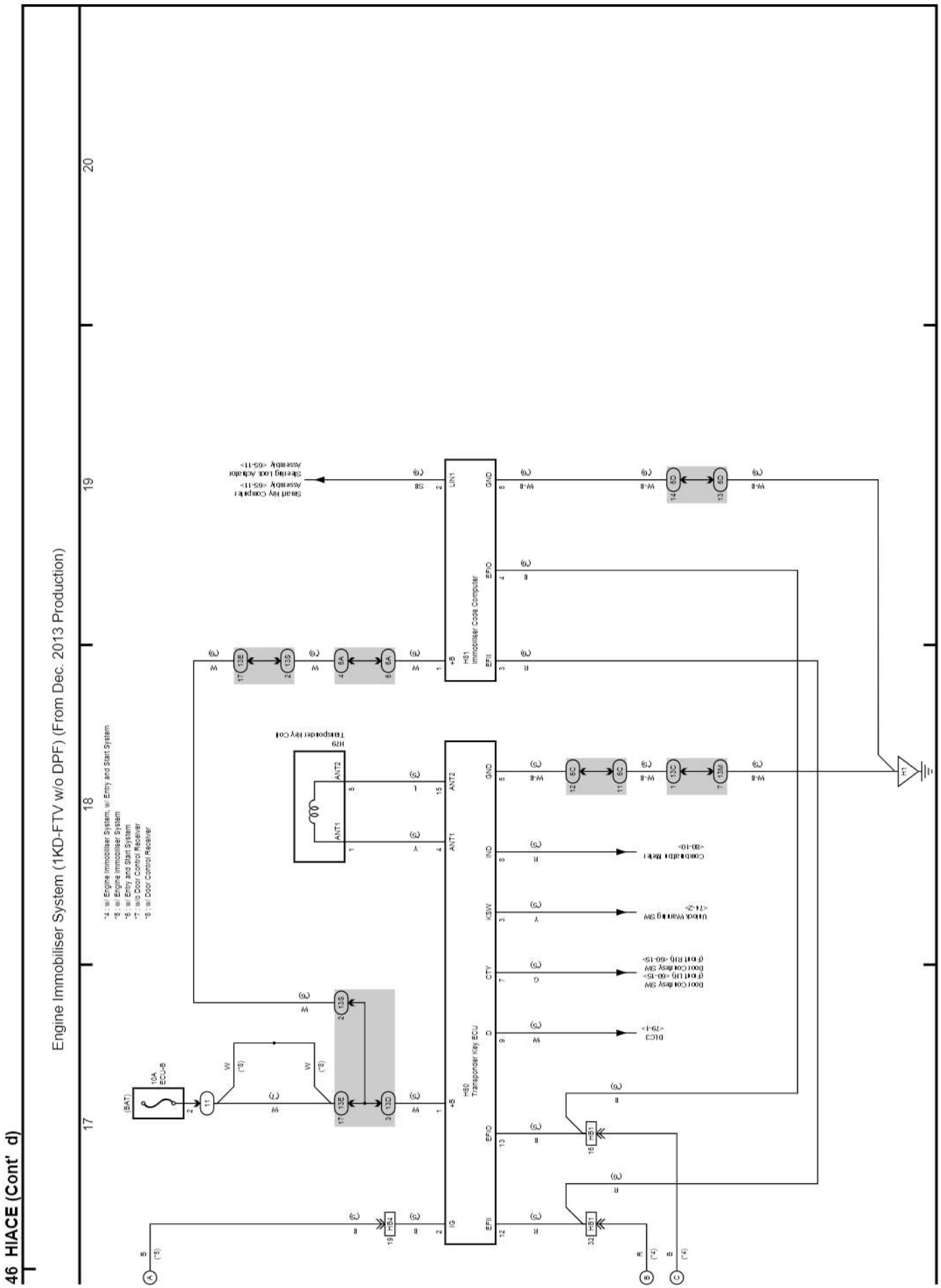
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Cruise Control (1KD-FTV w/o DPF) (From Dec. 2013 Production) and Engine Control (1KD-FTV w/o DPF) (From Dec. 2013 Production)



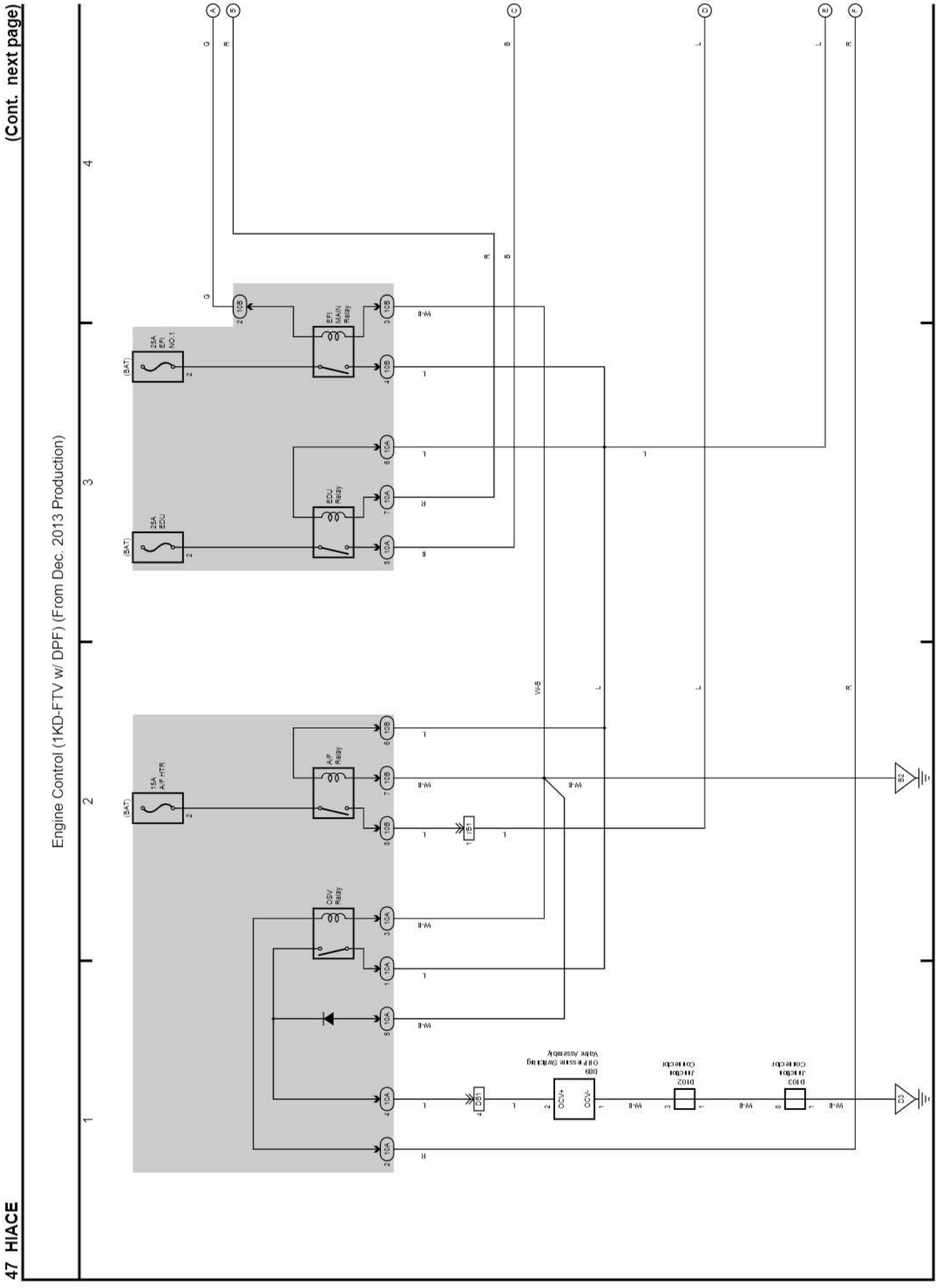
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M OVERALL ELECTRICAL WIRING DIAGRAM

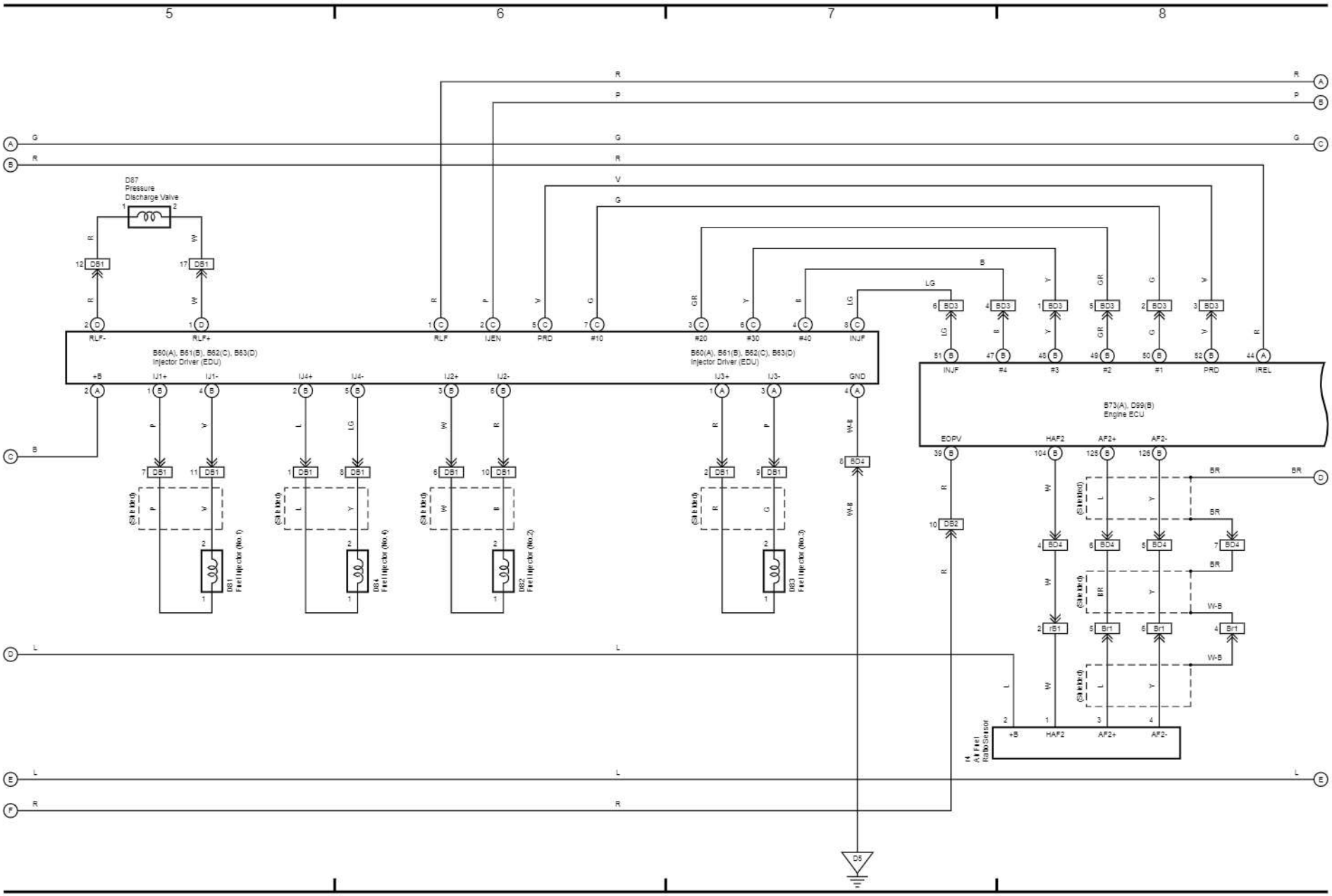


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M OVERALL ELECTRICAL WIRING DIAGRAM



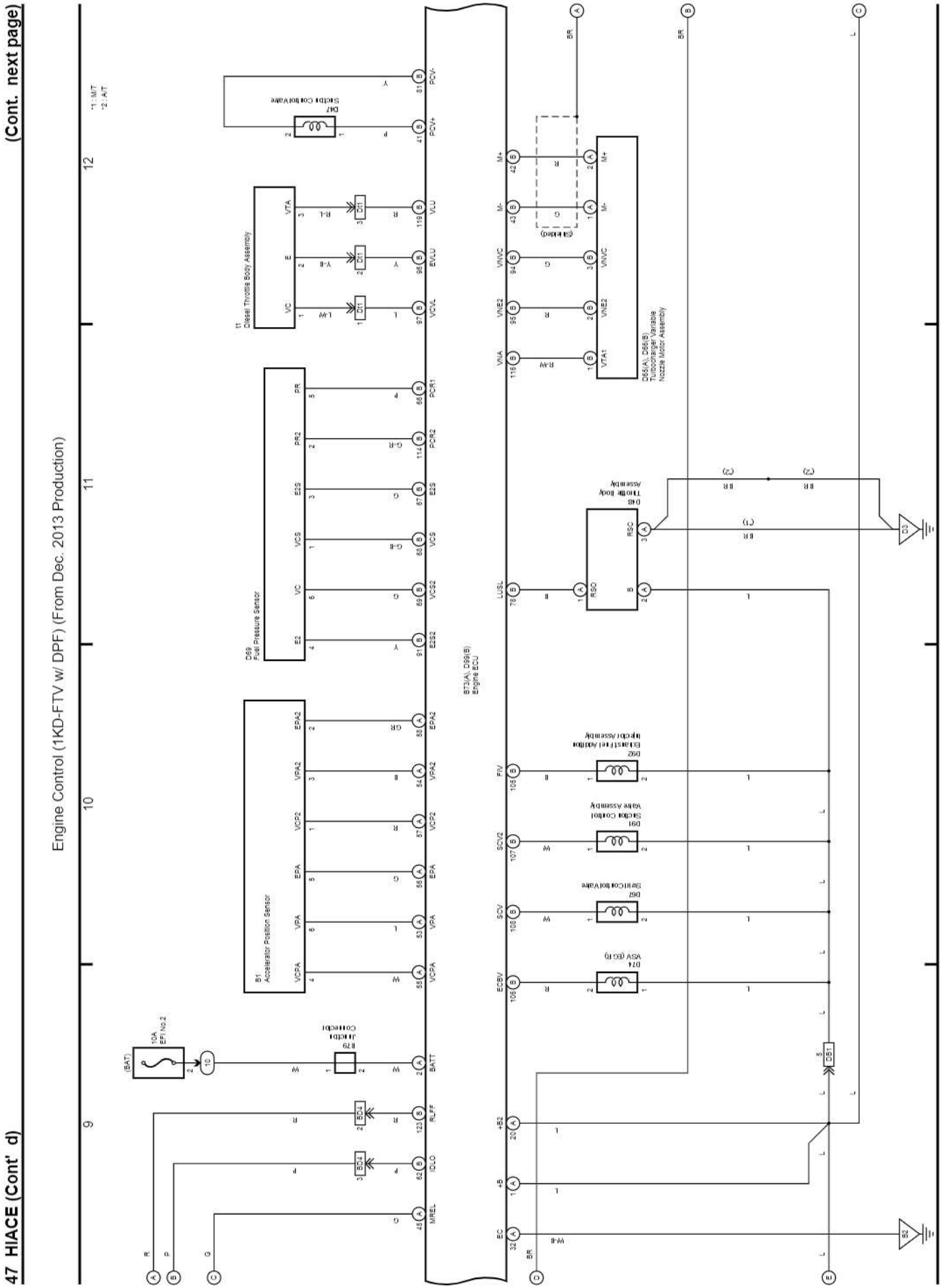
Engine Control (1KD-FTV w/ DPF) (From Dec. 2013 Production)



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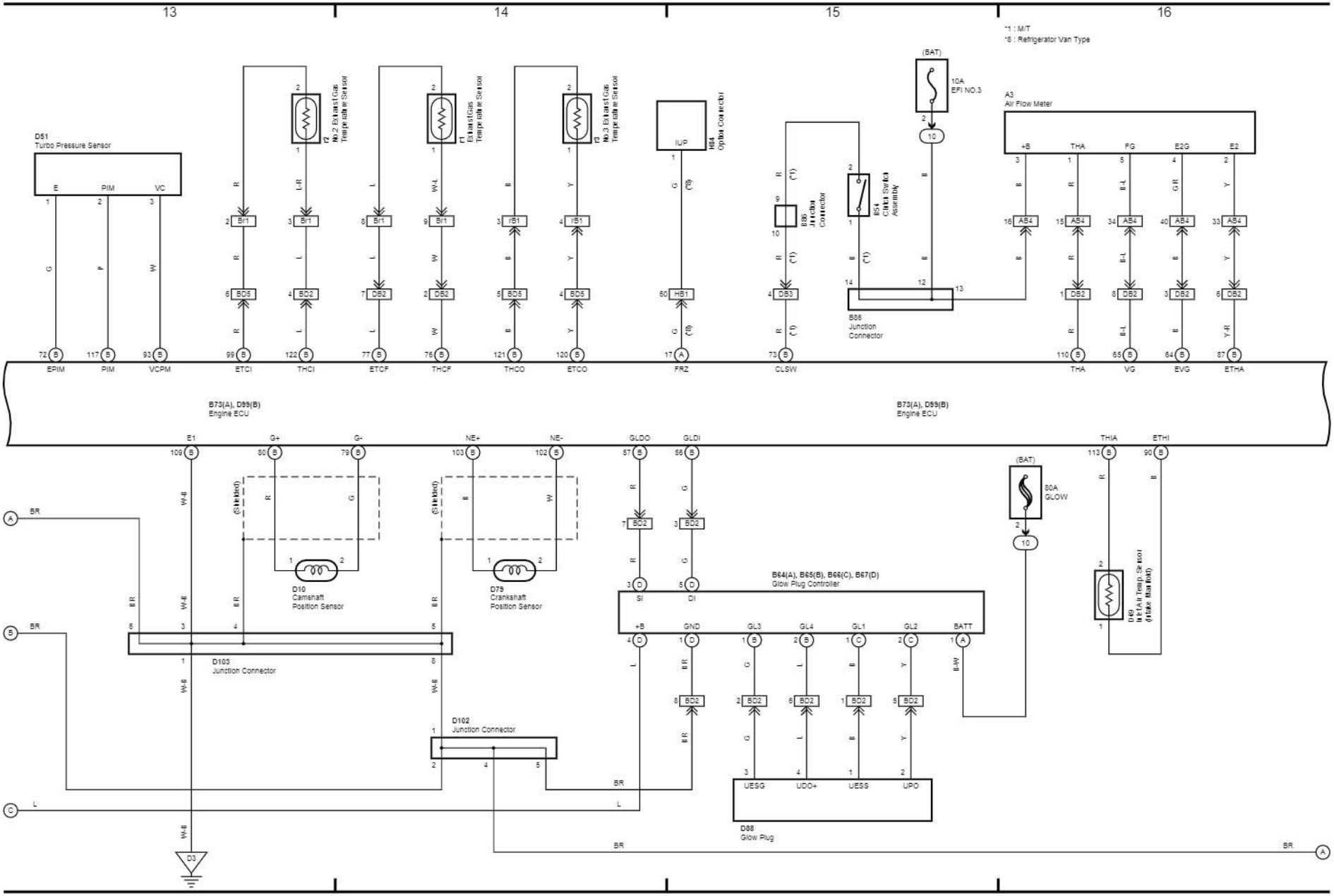
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M OVERALL ELECTRICAL WIRING DIAGRAM



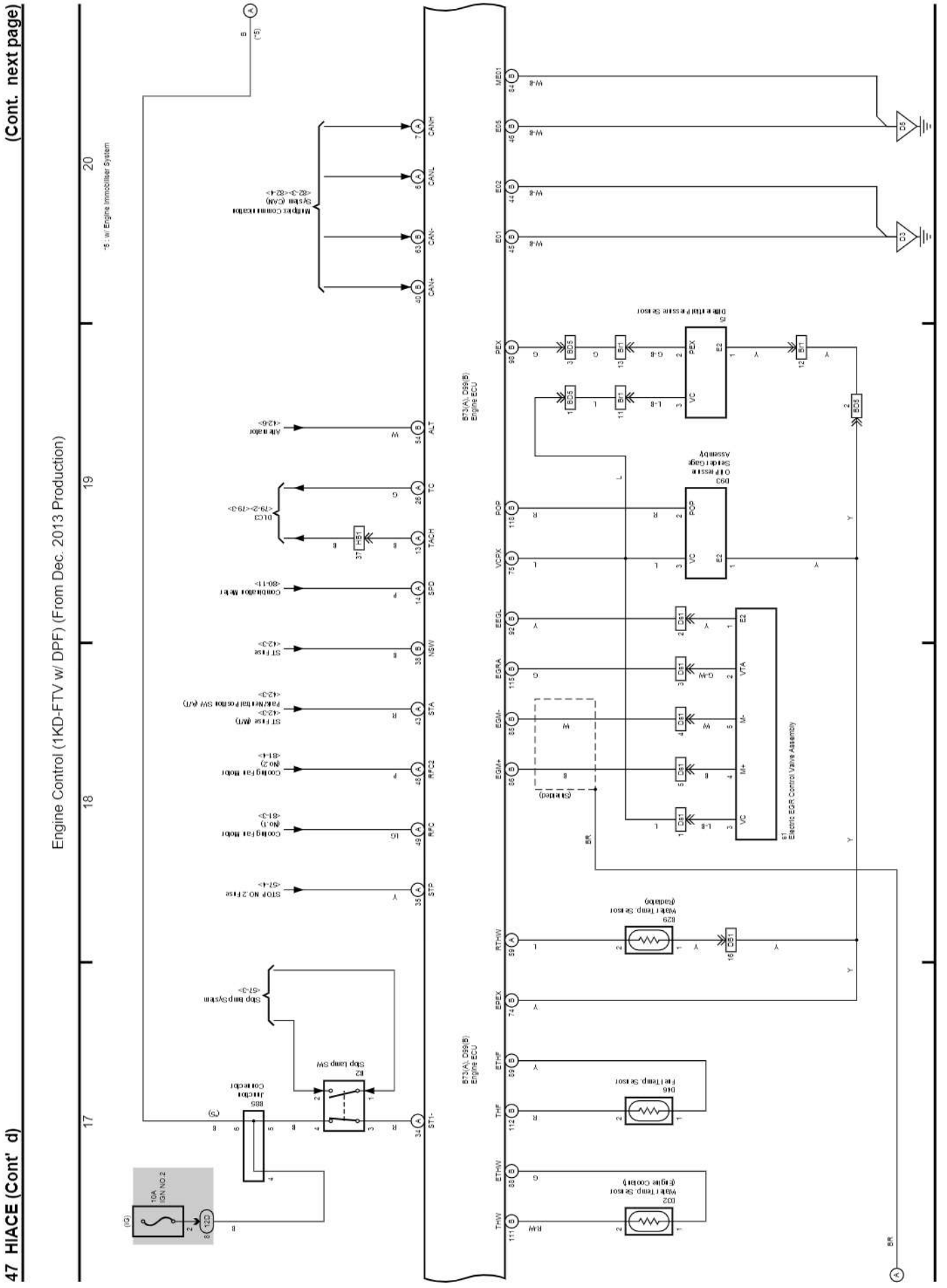
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Engine Control (1KD-FTV w/ DPF) (From Dec. 2013 Production)



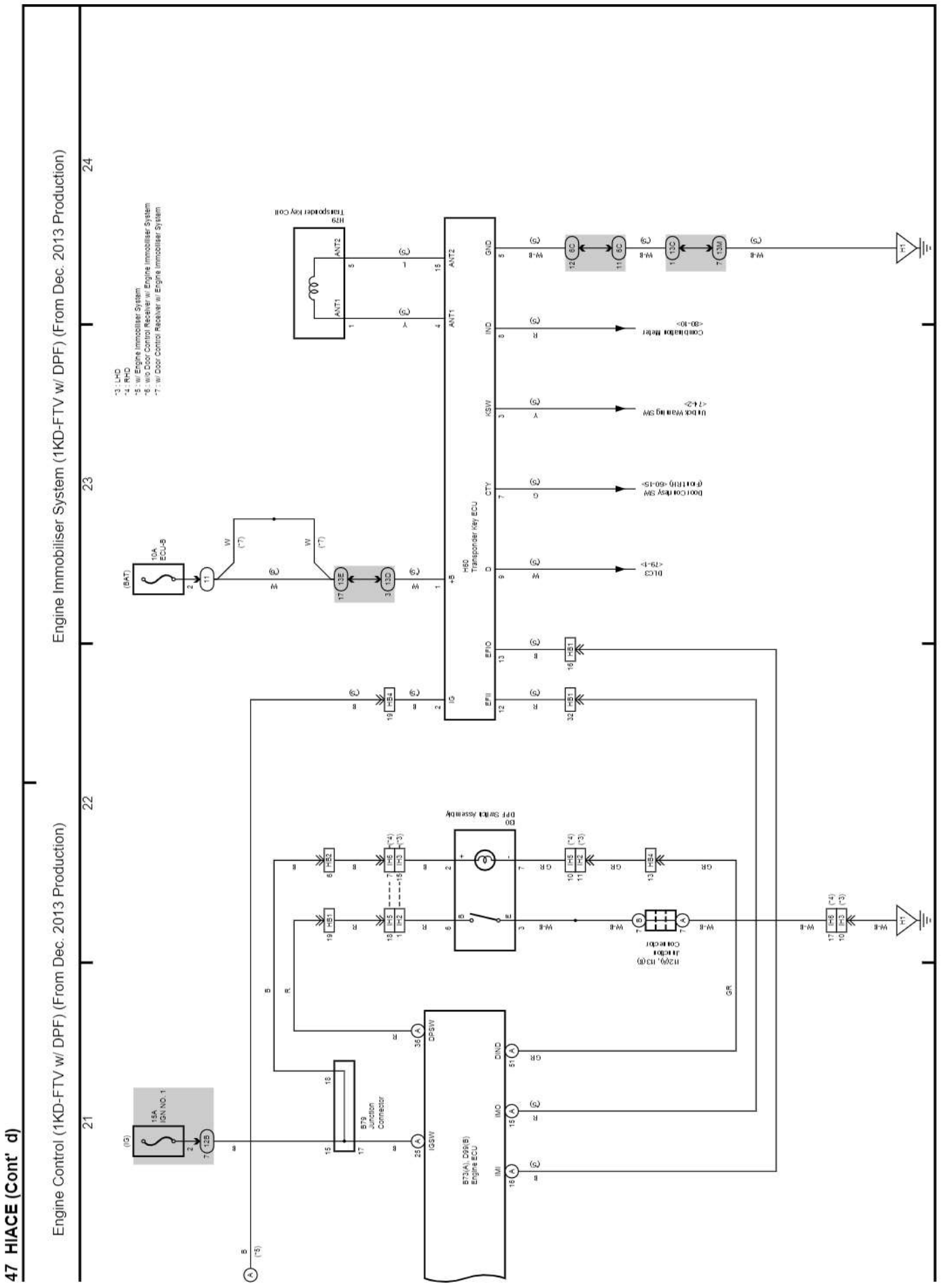
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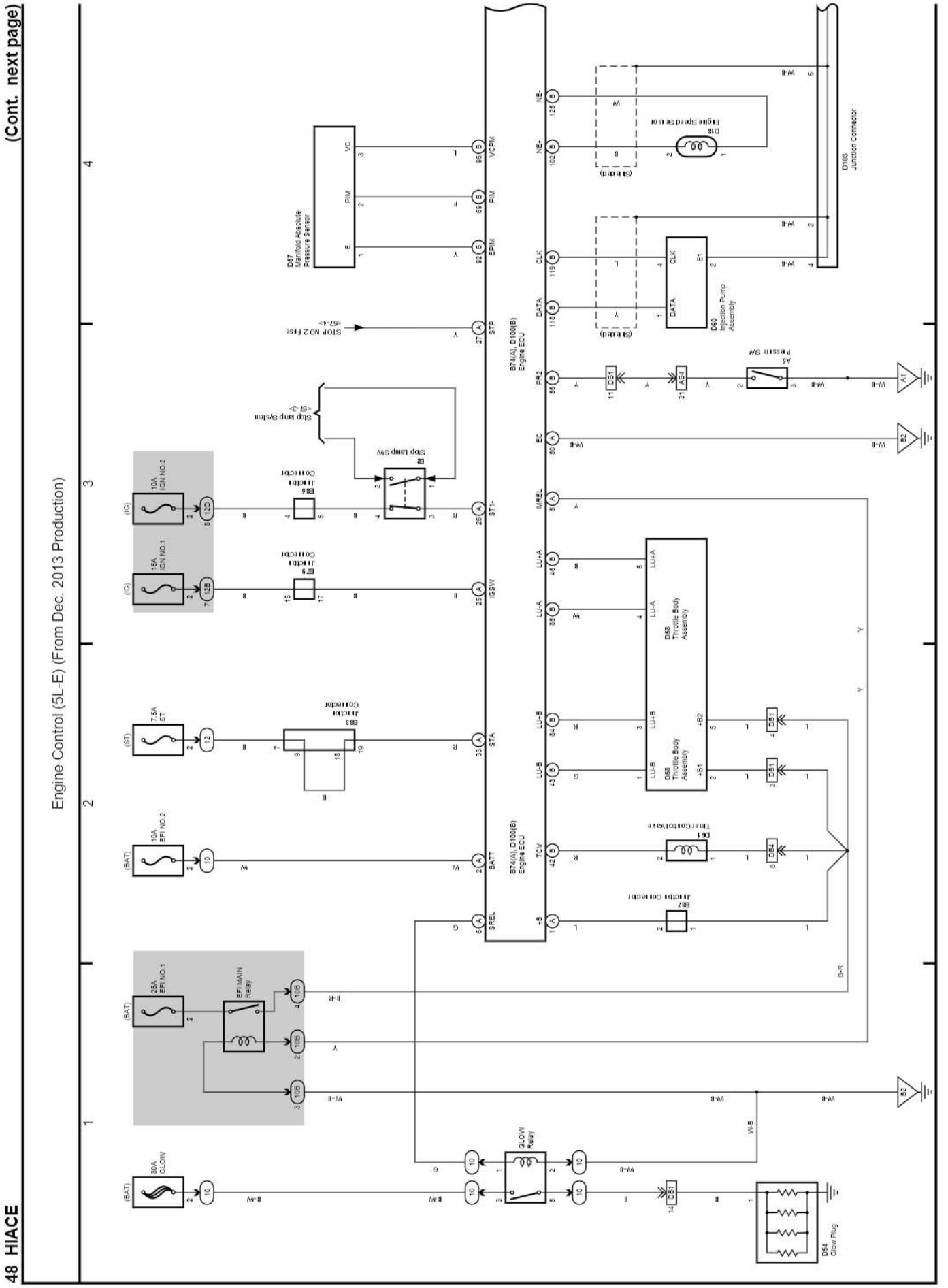
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47 HIACE (Cont' d)



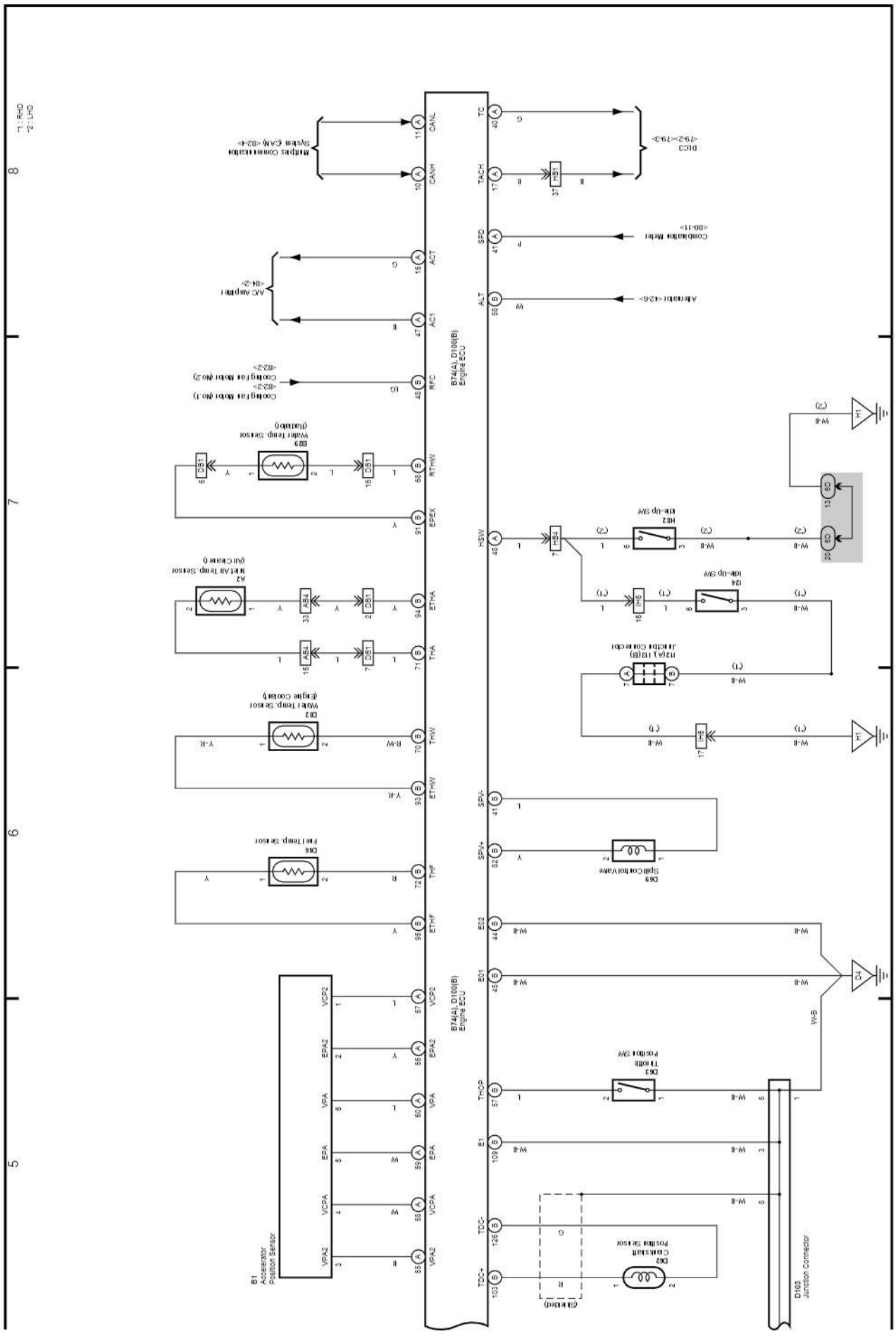
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M OVERALL ELECTRICAL WIRING DIAGRAM



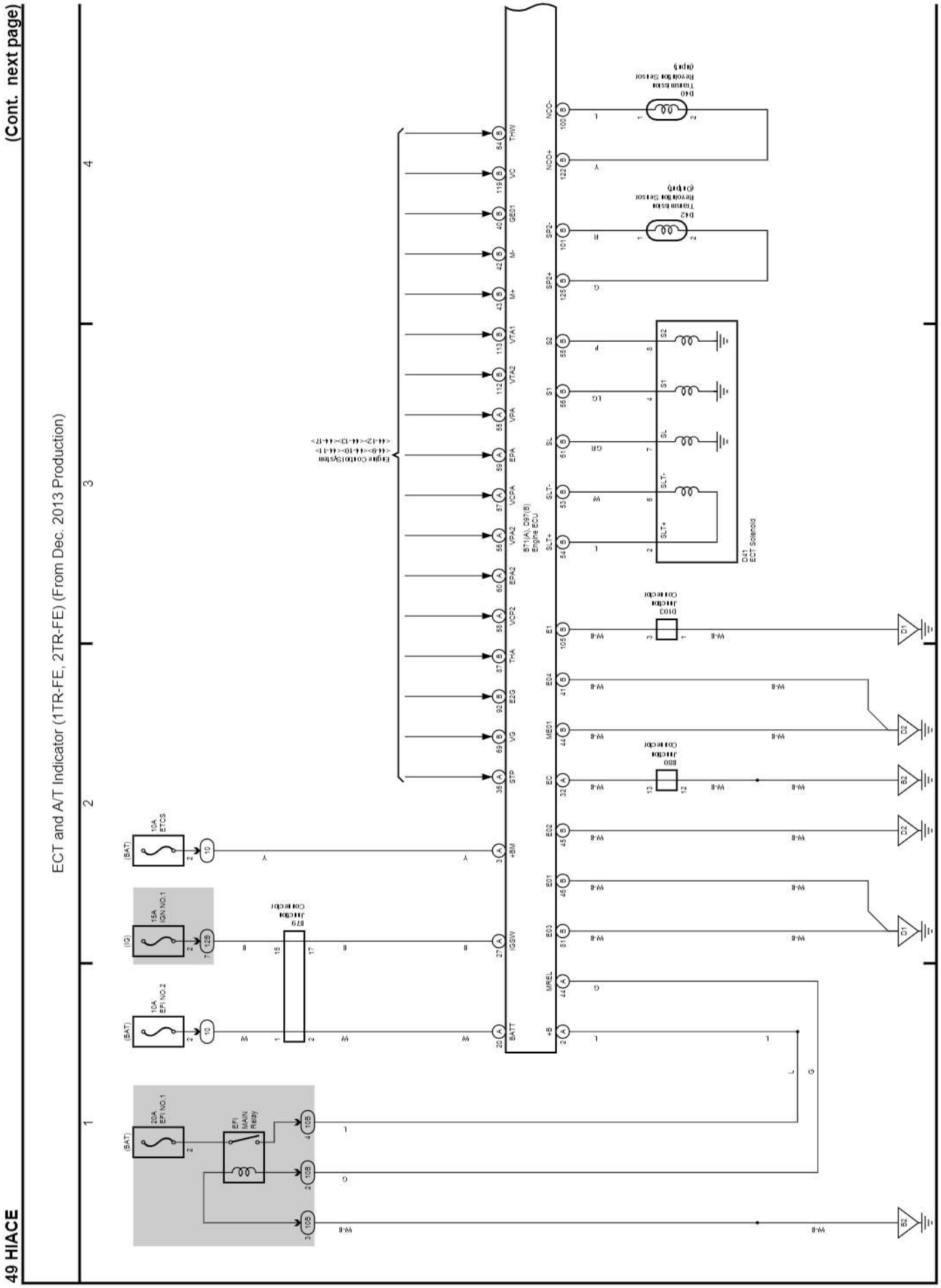
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48 HIACE (Cont' d)

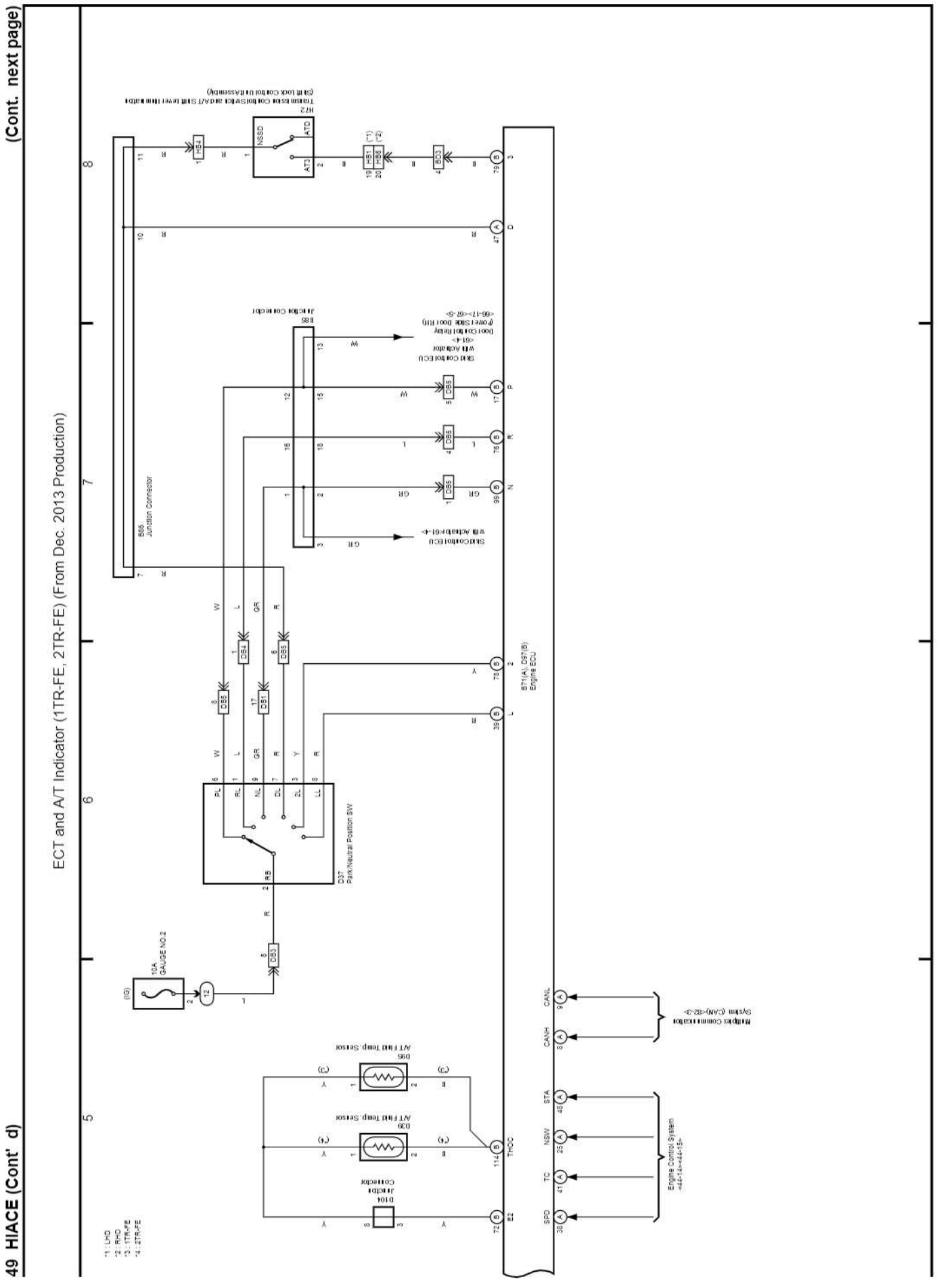

Engine Control (5L-E) (From Dec. 2013 Production)
*1: RHD
*2: LHD
B744A1 D100(B)
Engine ECU
B1
Accelerator
Position Sensor
D62
Crankshaft
Position Sensor
D63
Throttle
Position SW
D69
Spill Control Valve
D16
Fuel Temp. Sensor
D12
Water Temp. Sensor
(Engine Coolant)
A2
Intake Air Temp. Sensor
(Air Cleaner)
E29
Water Temp. Sensor
(Radiator)
Cooling Fan Motor (No.1)
<82-2>
Cooling Fan Motor (No.2)
<82-2>
A/C Amplifier
<84-2>
Multiplex Communication
System (CAN) <82-4>
Combination Meter
<80-11>
Alternator <12-6>
DLC3
<79-2><79-3>
H82
Idle-up SW
I24
Idle-up SW
I2(A), I18(B)
Junction Connector
D103
Junction Connector
(Shielded)
C4
C7
H1
H1
H1

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M OVERALL ELECTRICAL WIRING DIAGRAM

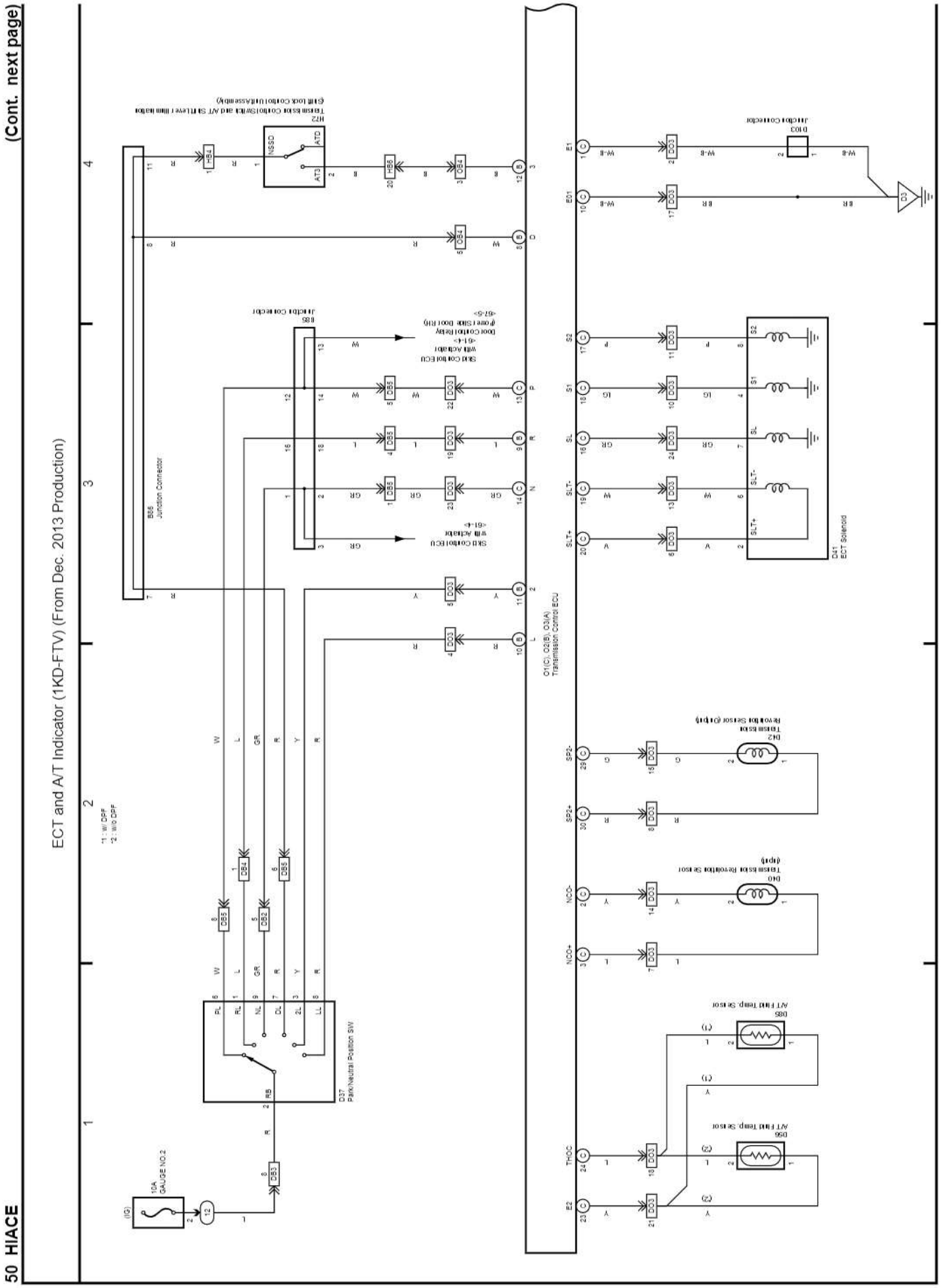


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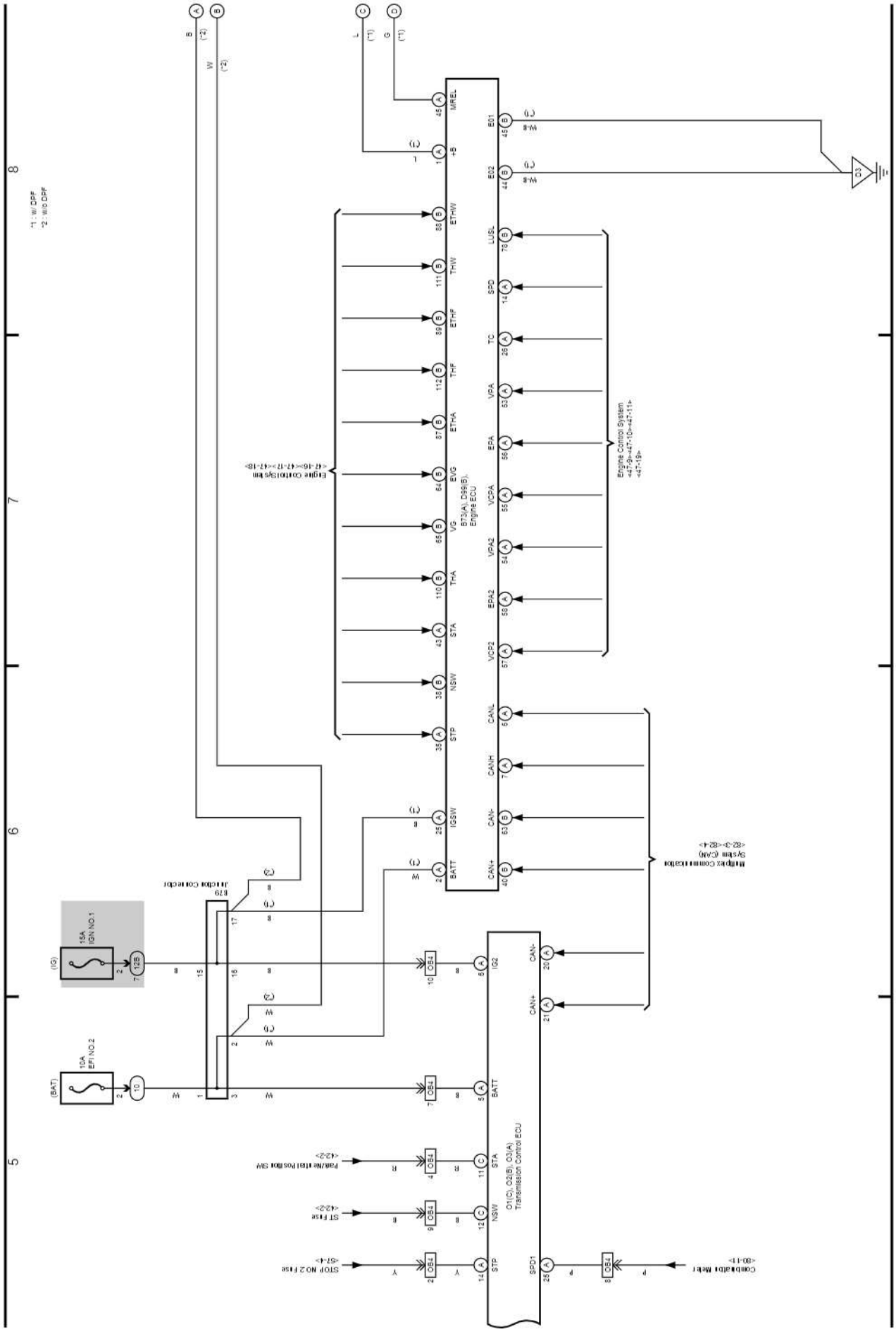
M OVERALL ELECTRICAL WIRING DIAGRAM



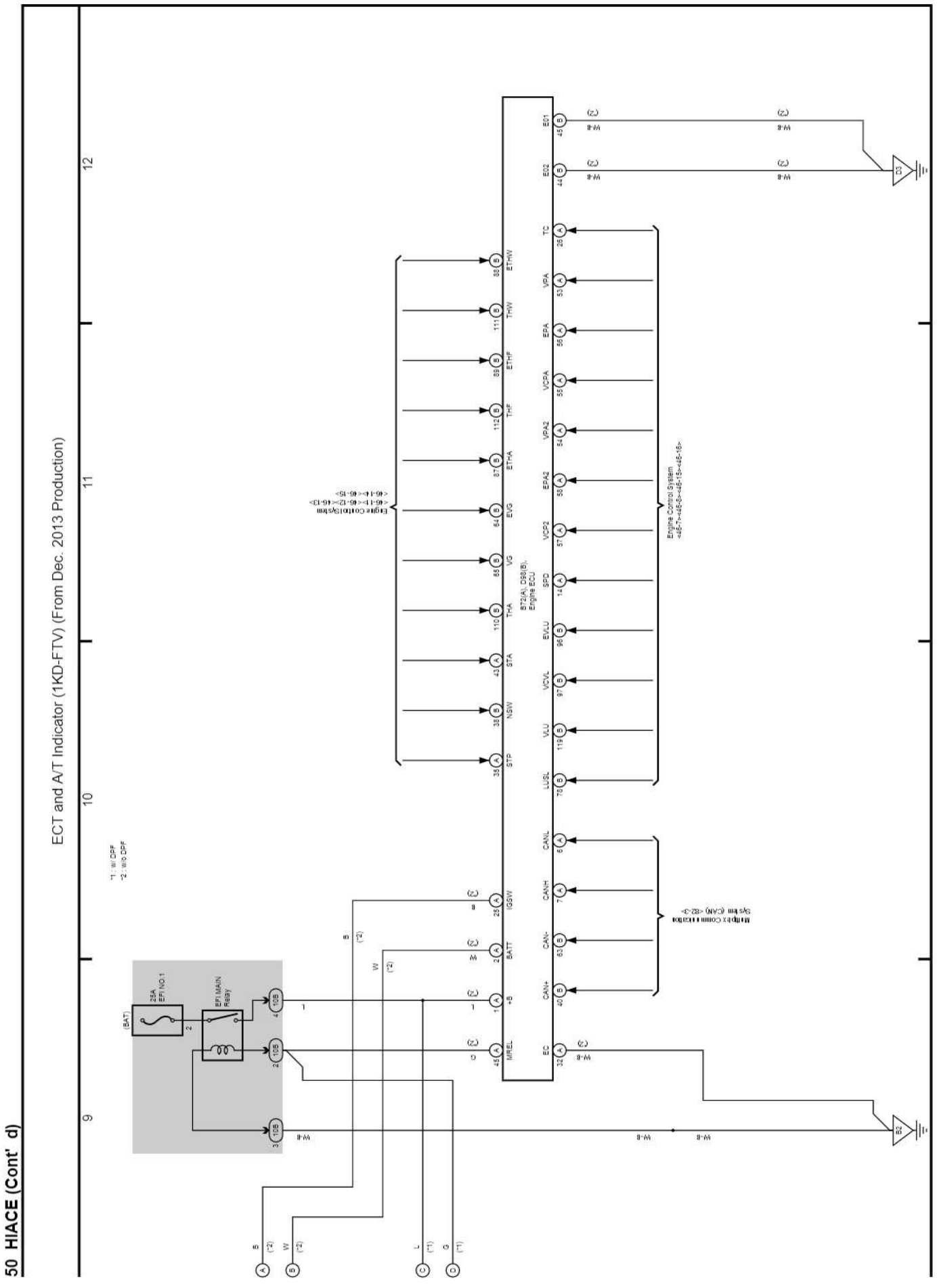
cardiagn.com

50 HIACE (Cont' d)

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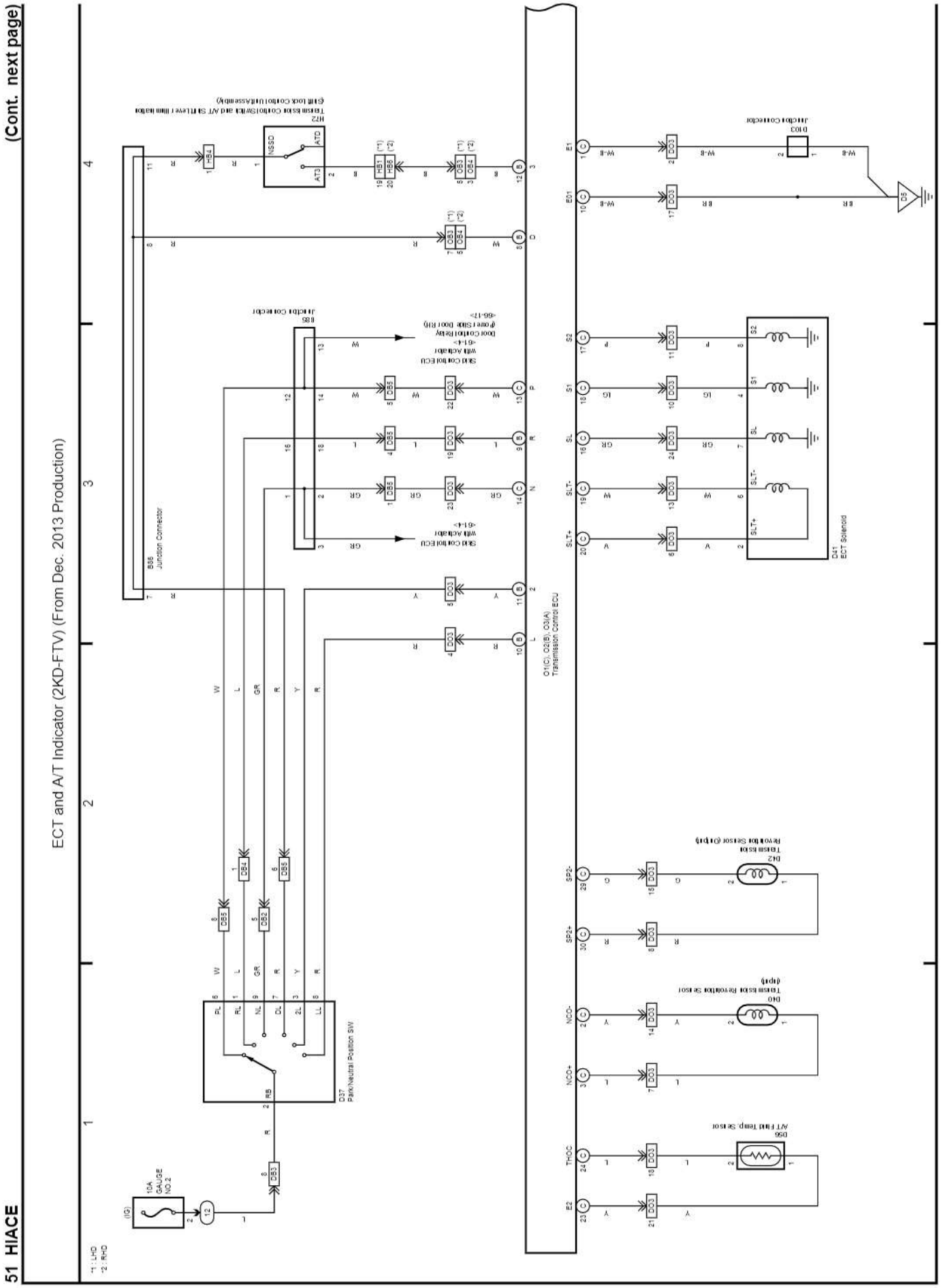


cardiagn.com

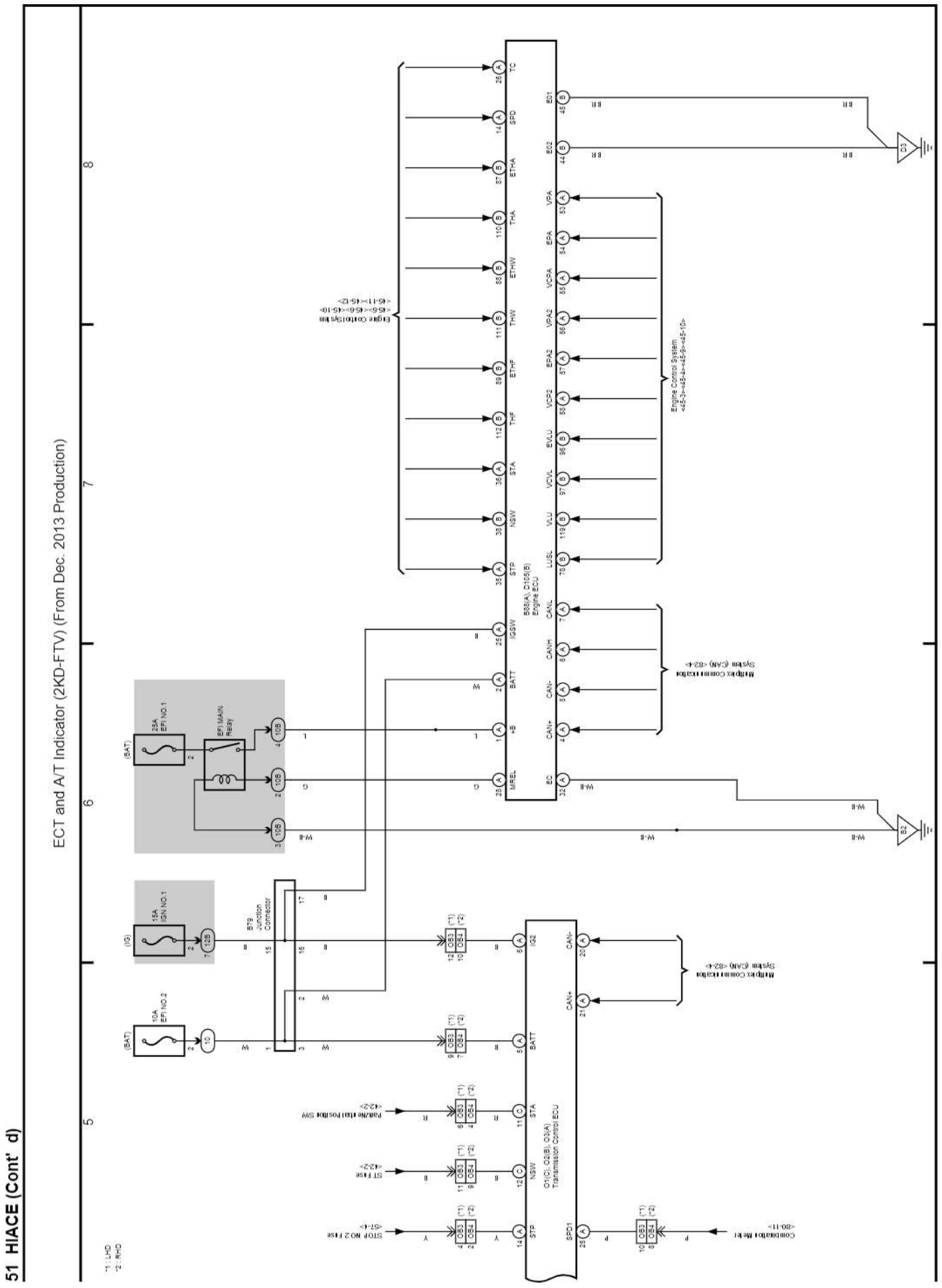


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M OVERALL ELECTRICAL WIRING DIAGRAM

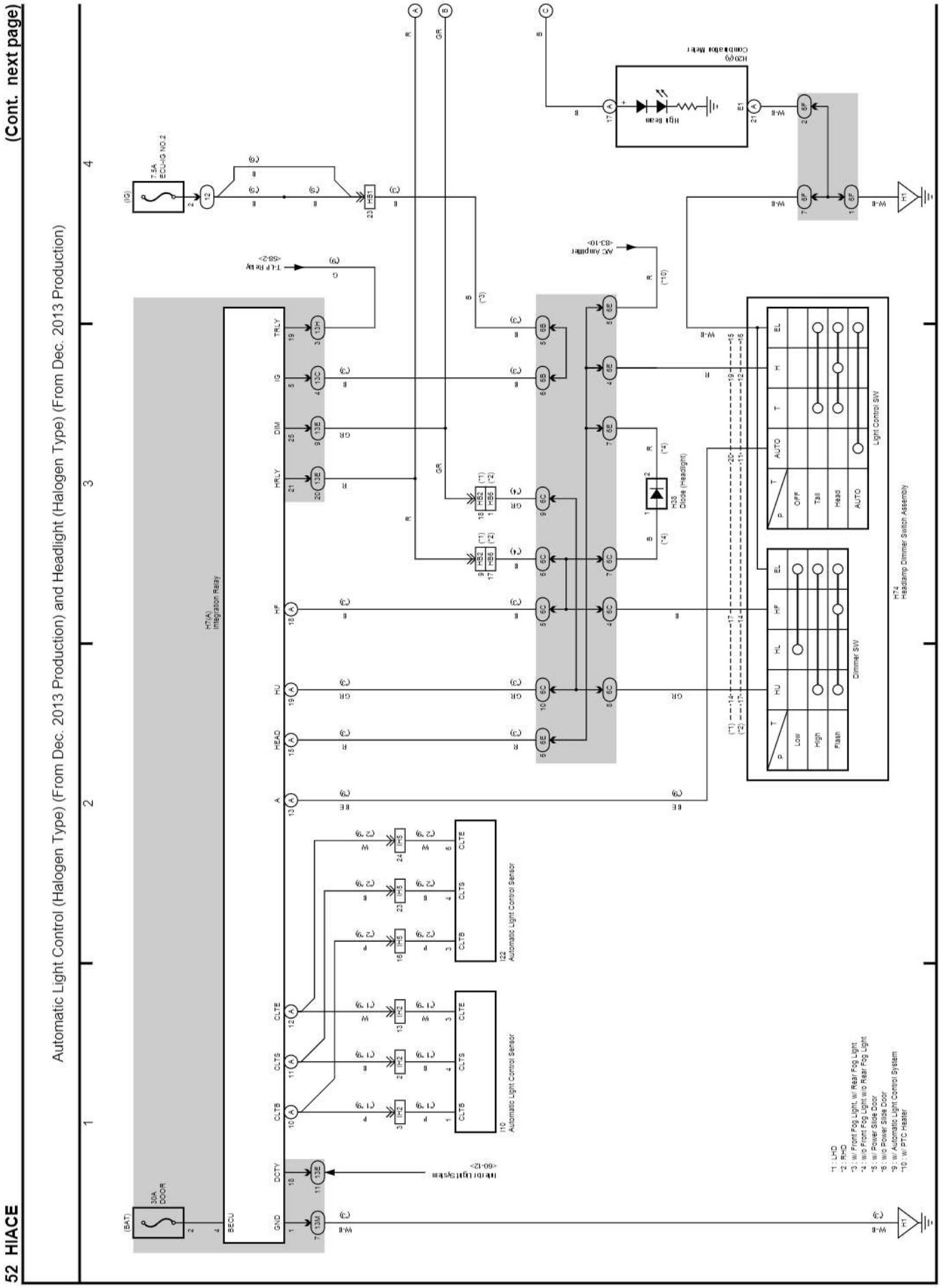


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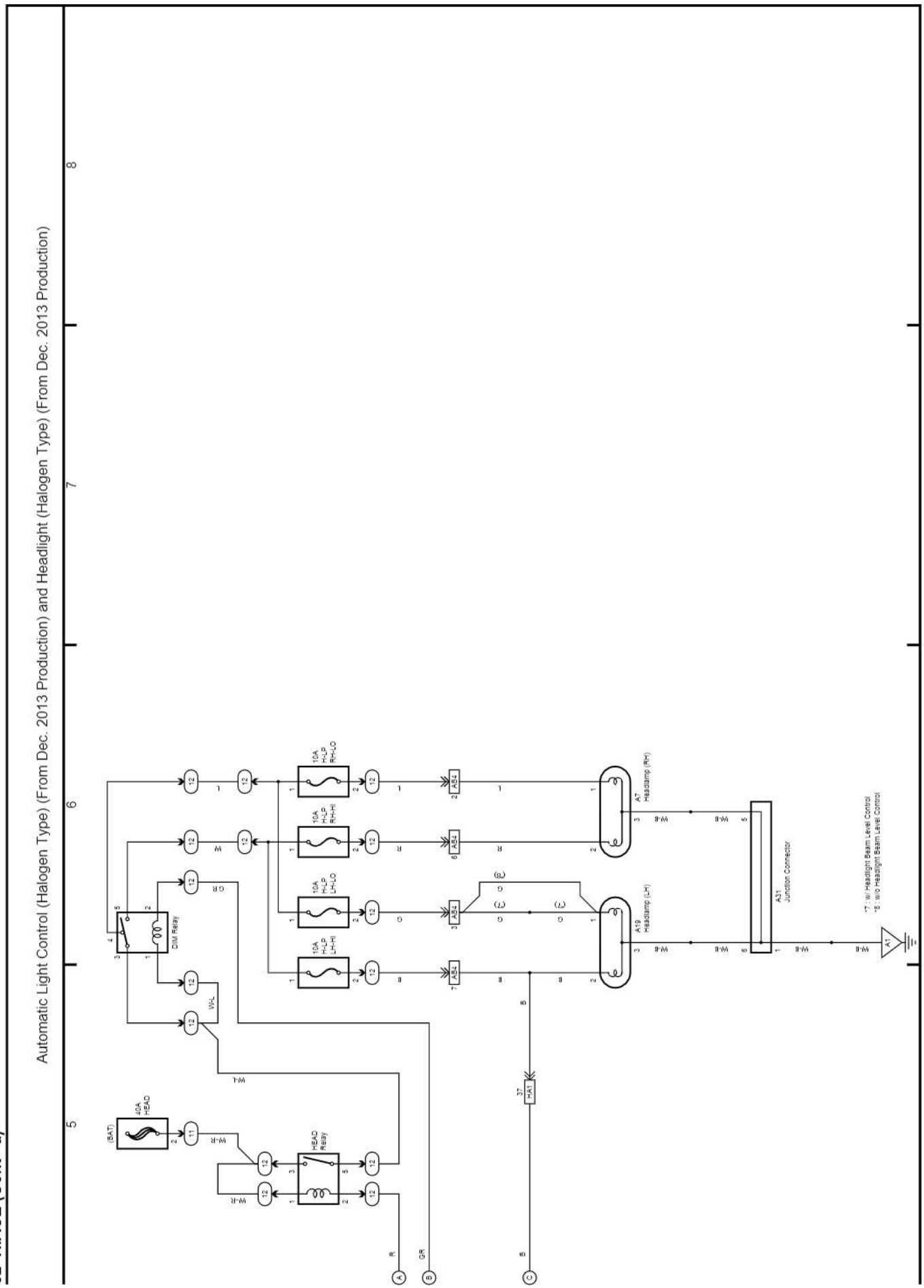
cardiagn.com

M OVERALL ELECTRICAL WIRING DIAGRAM



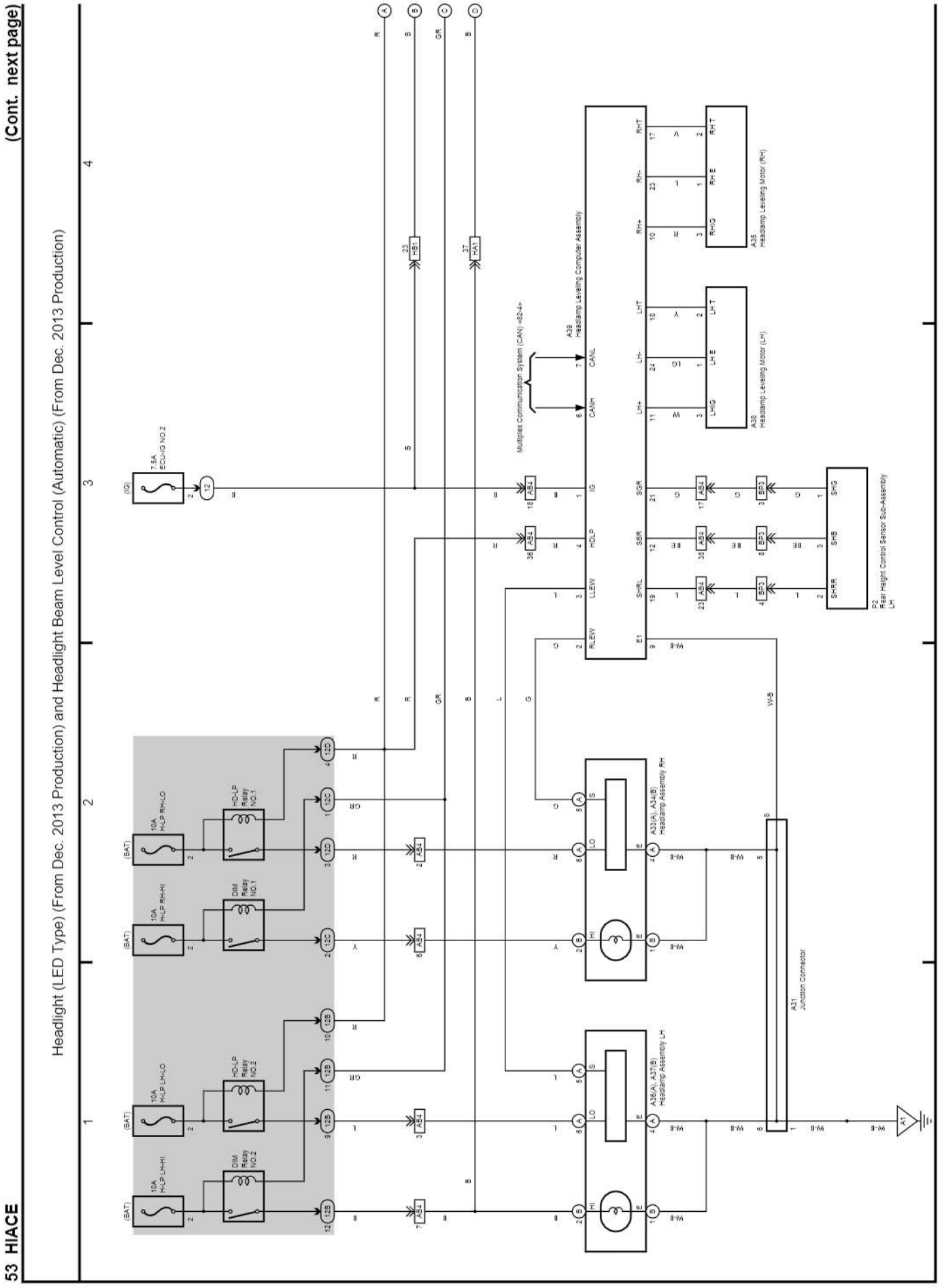
cardiagn.com

52 HIACE (Cont' d)



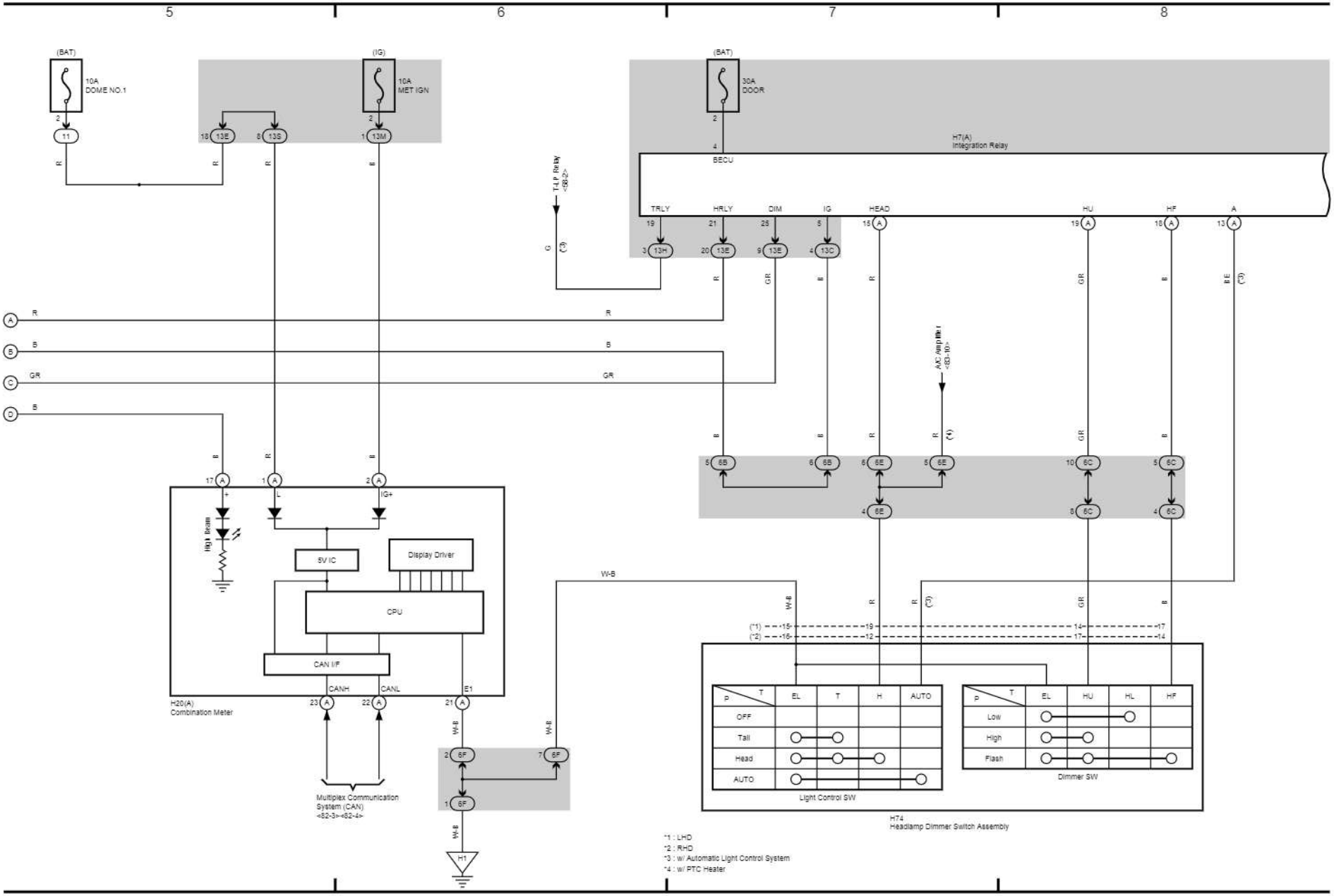
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M OVERALL ELECTRICAL WIRING DIAGRAM



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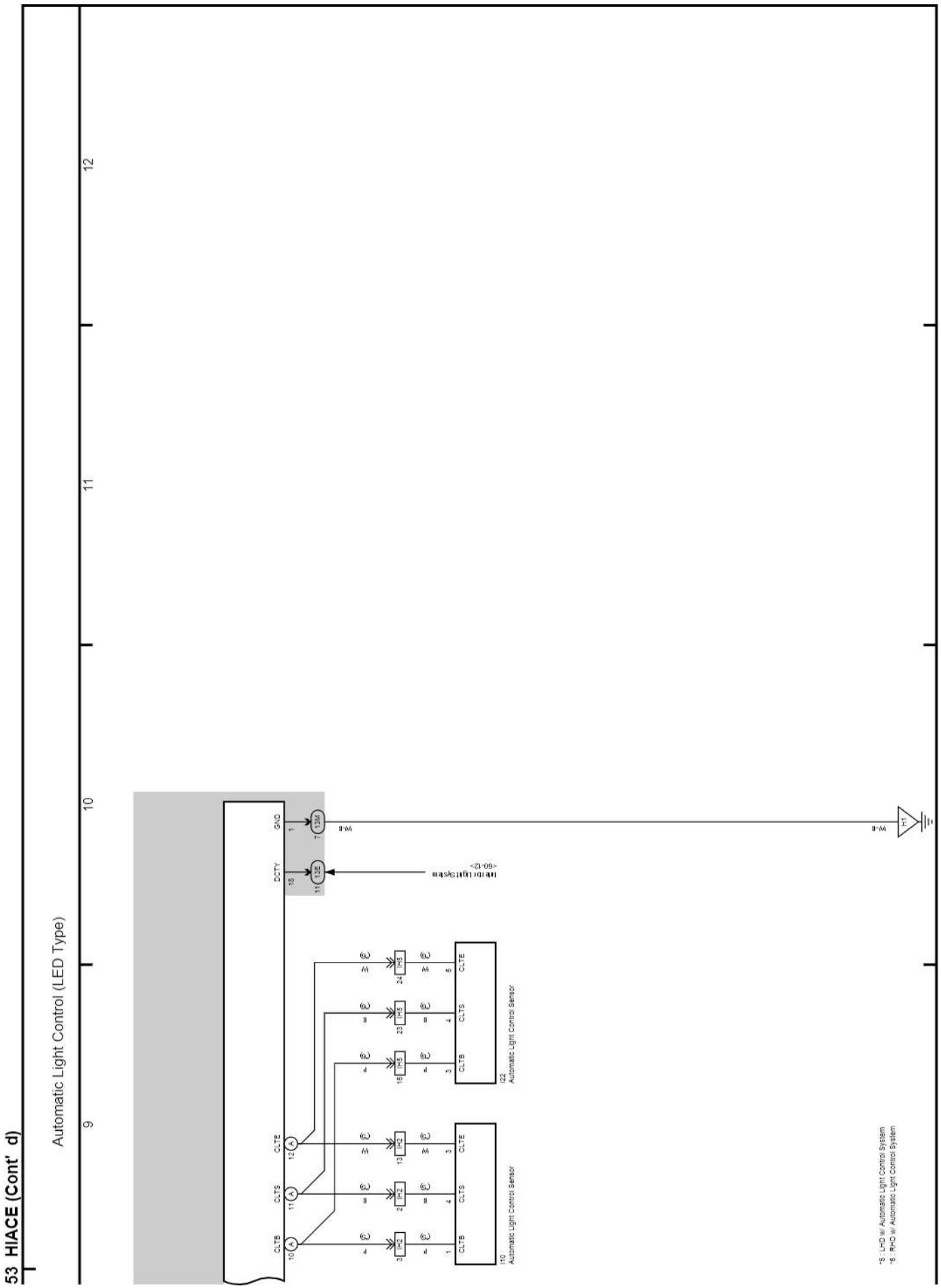
Headlight (LED Type) (From Dec. 2013 Production) and Headlight Beam Level Control (Automatic) (From Dec. 2013 Production)



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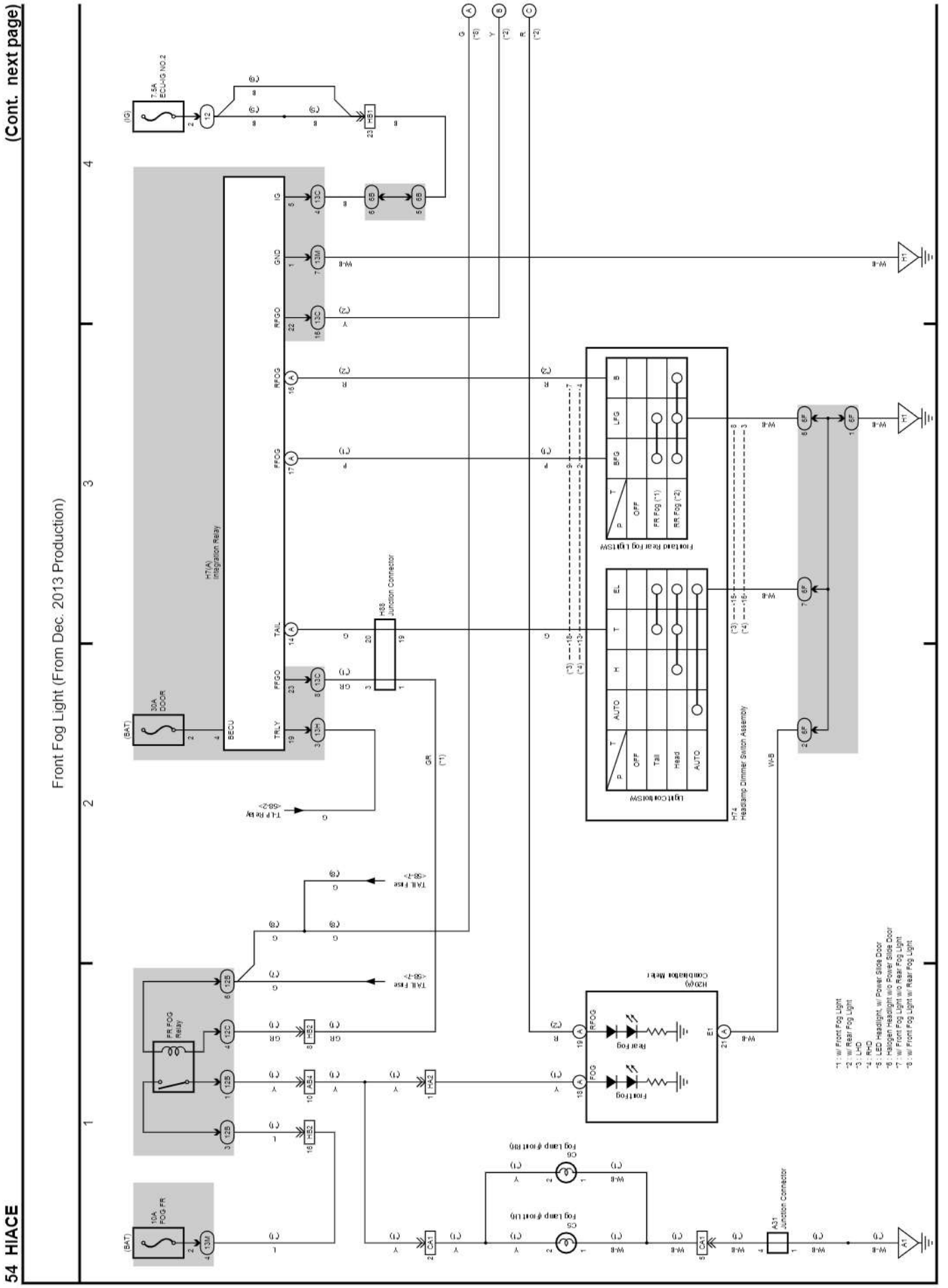
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M OVERALL ELECTRICAL WIRING DIAGRAM



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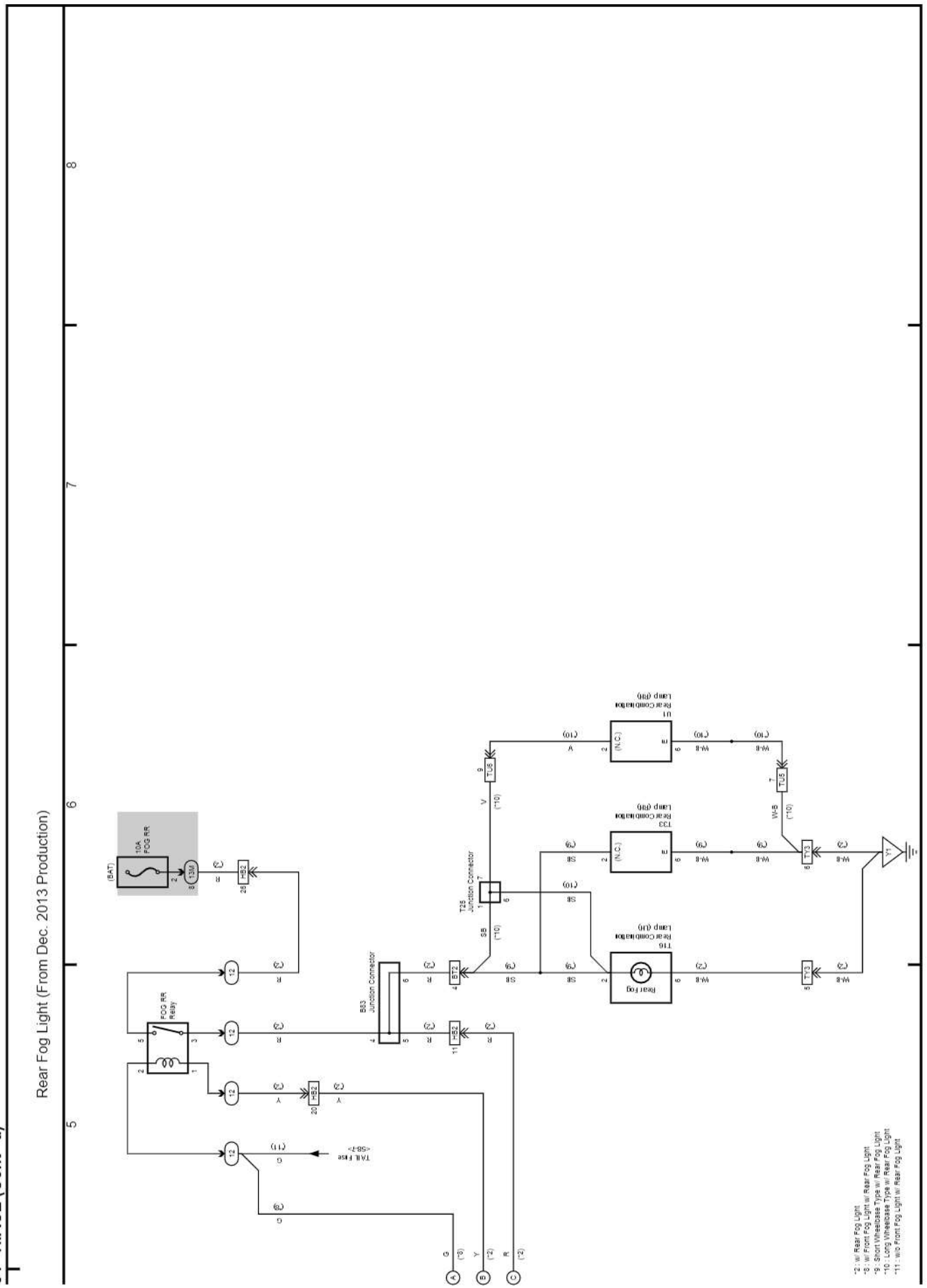
M OVERALL ELECTRICAL WIRING DIAGRAM



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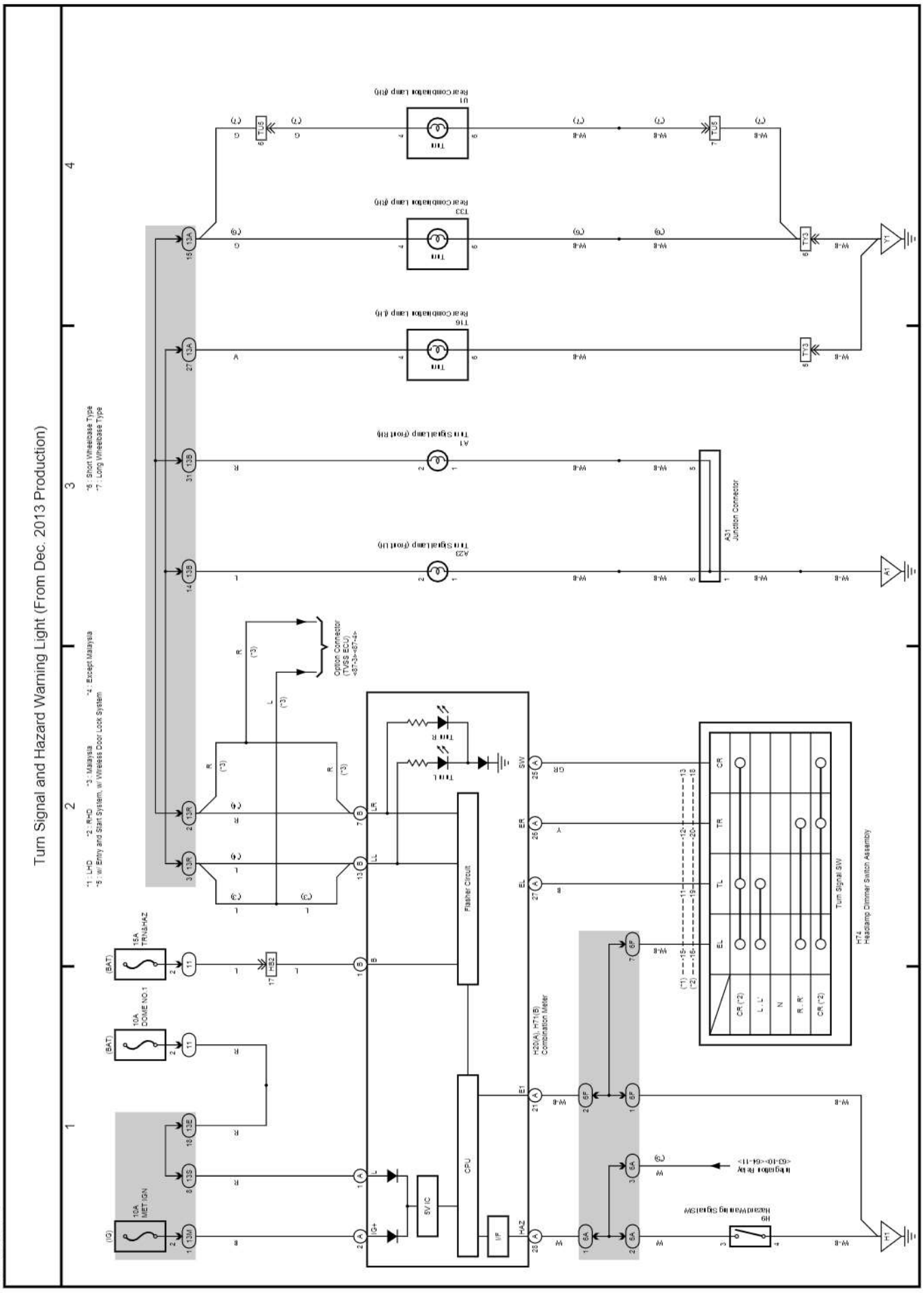
54 HIACE (Cont' d)

Rear Fog Light (From Dec. 2013 Production)

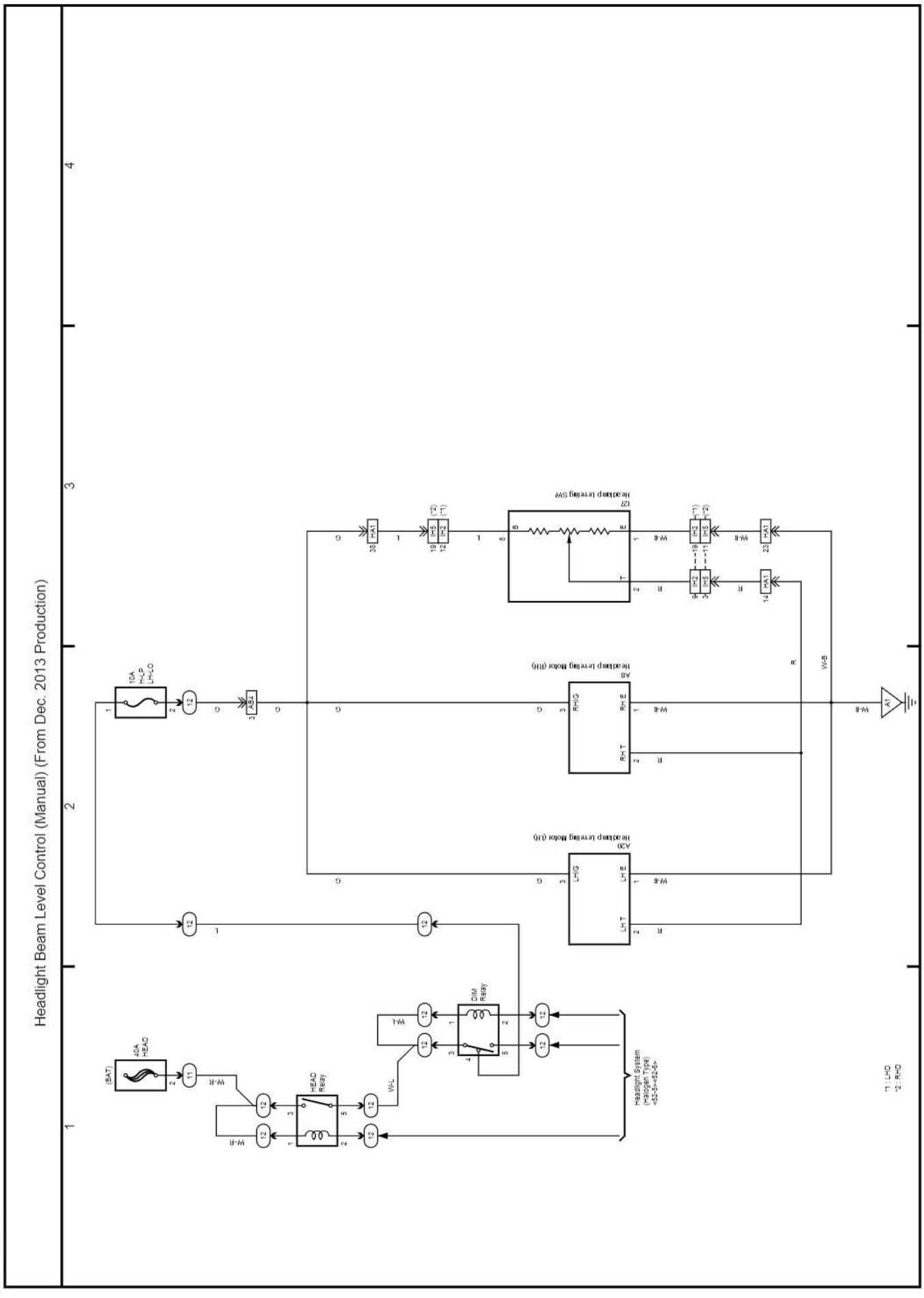


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M OVERALL ELECTRICAL WIRING DIAGRAM

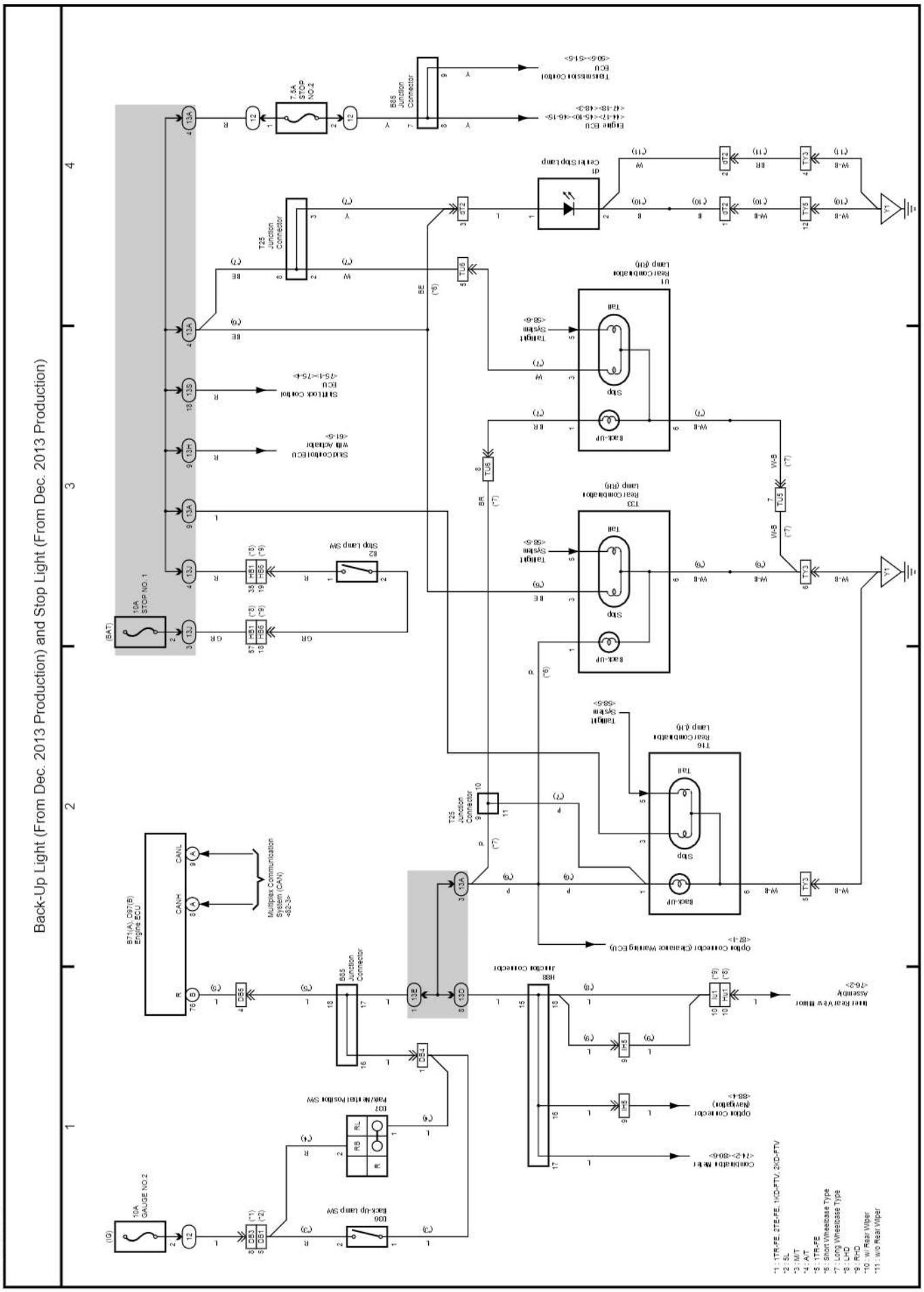


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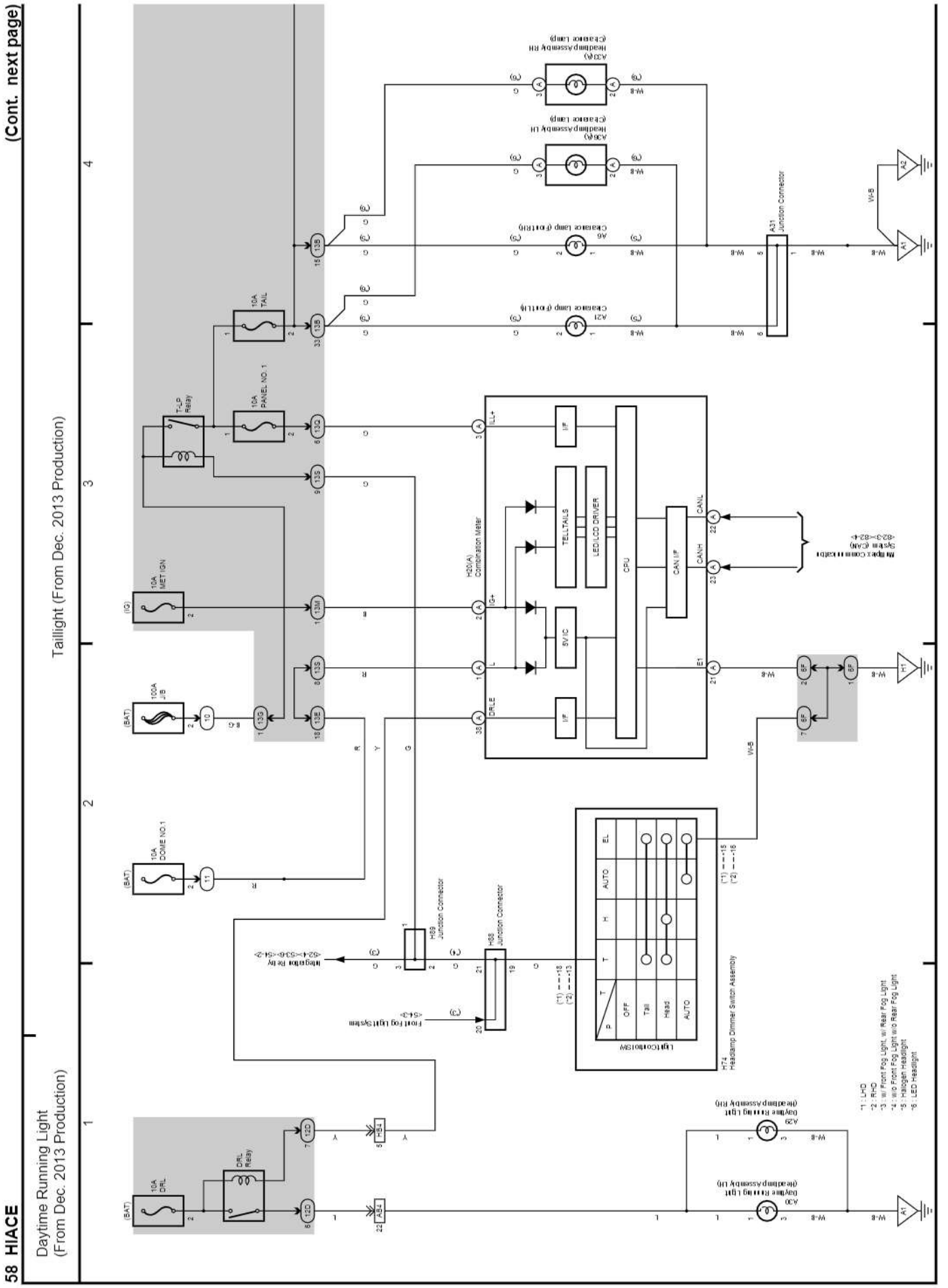
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M OVERALL ELECTRICAL WIRING DIAGRAM

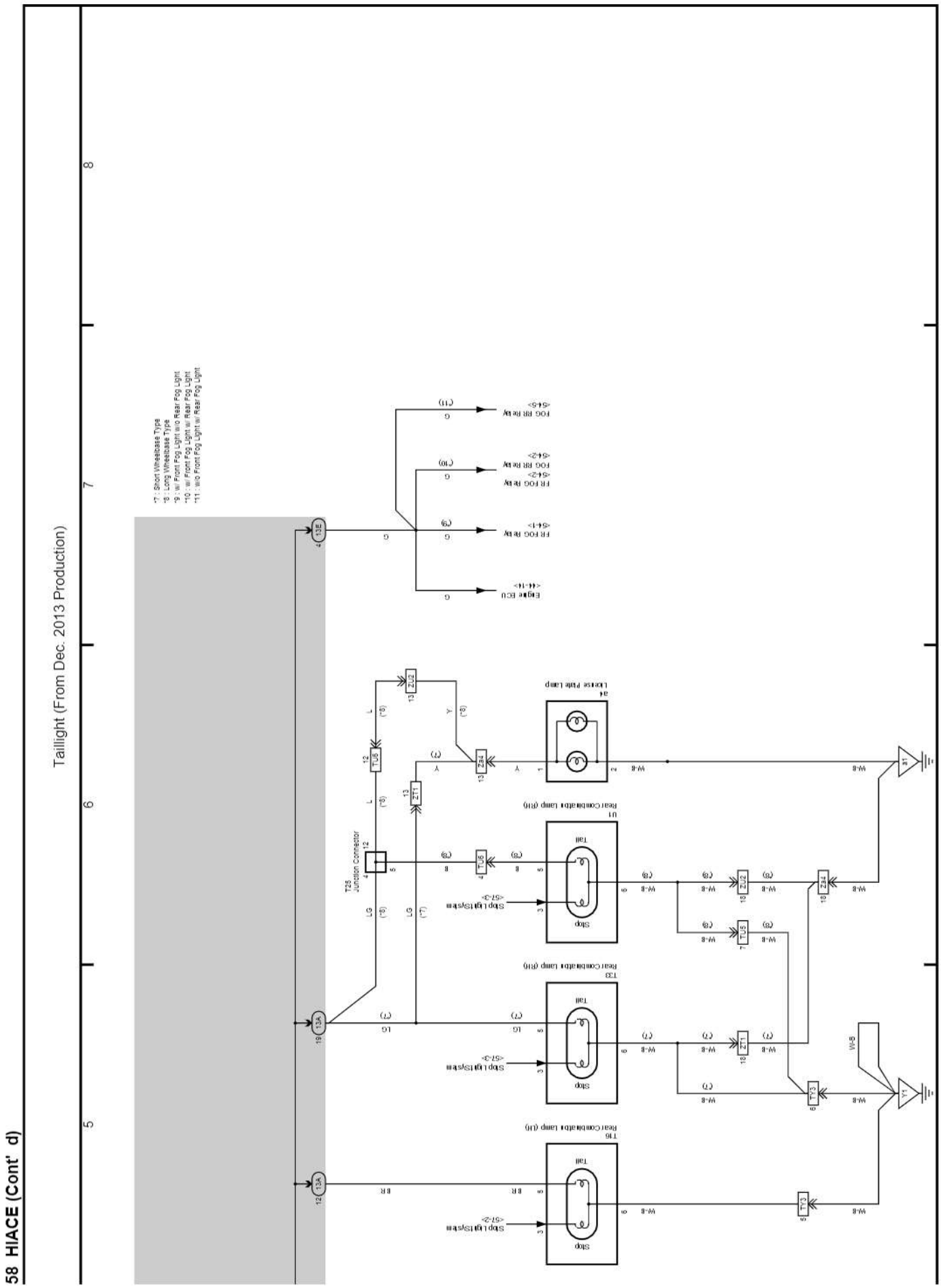


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M OVERALL ELECTRICAL WIRING DIAGRAM

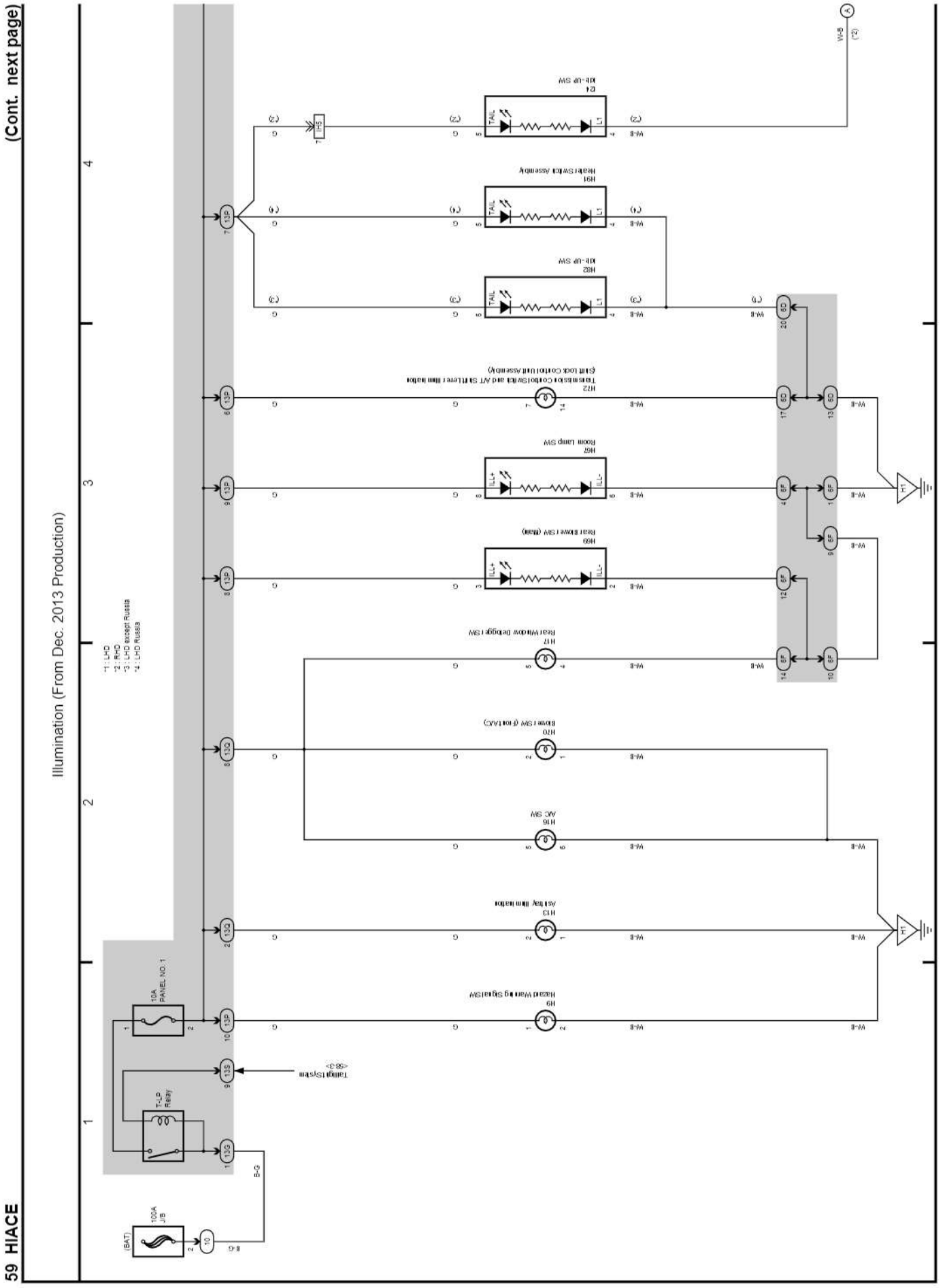


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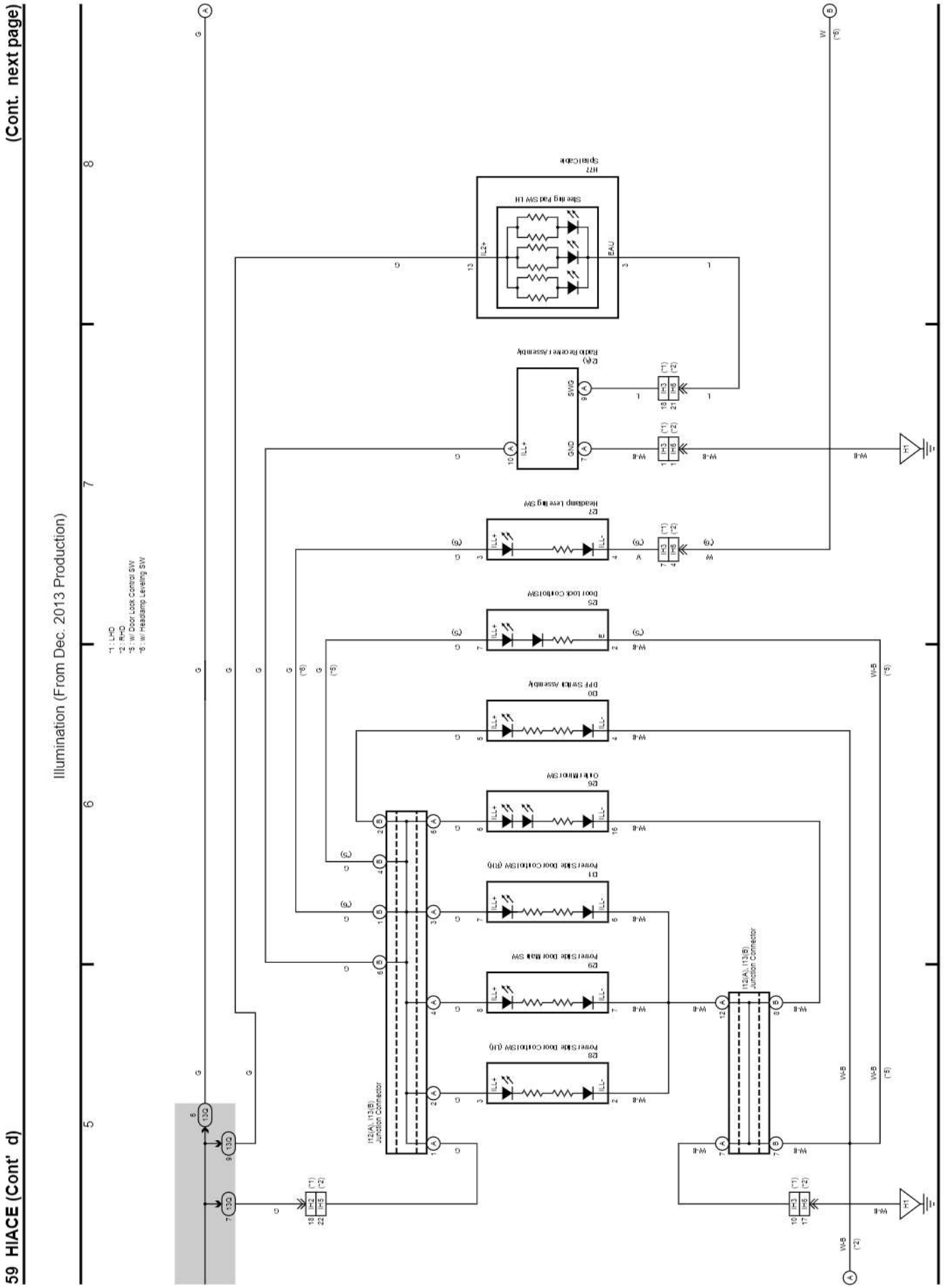


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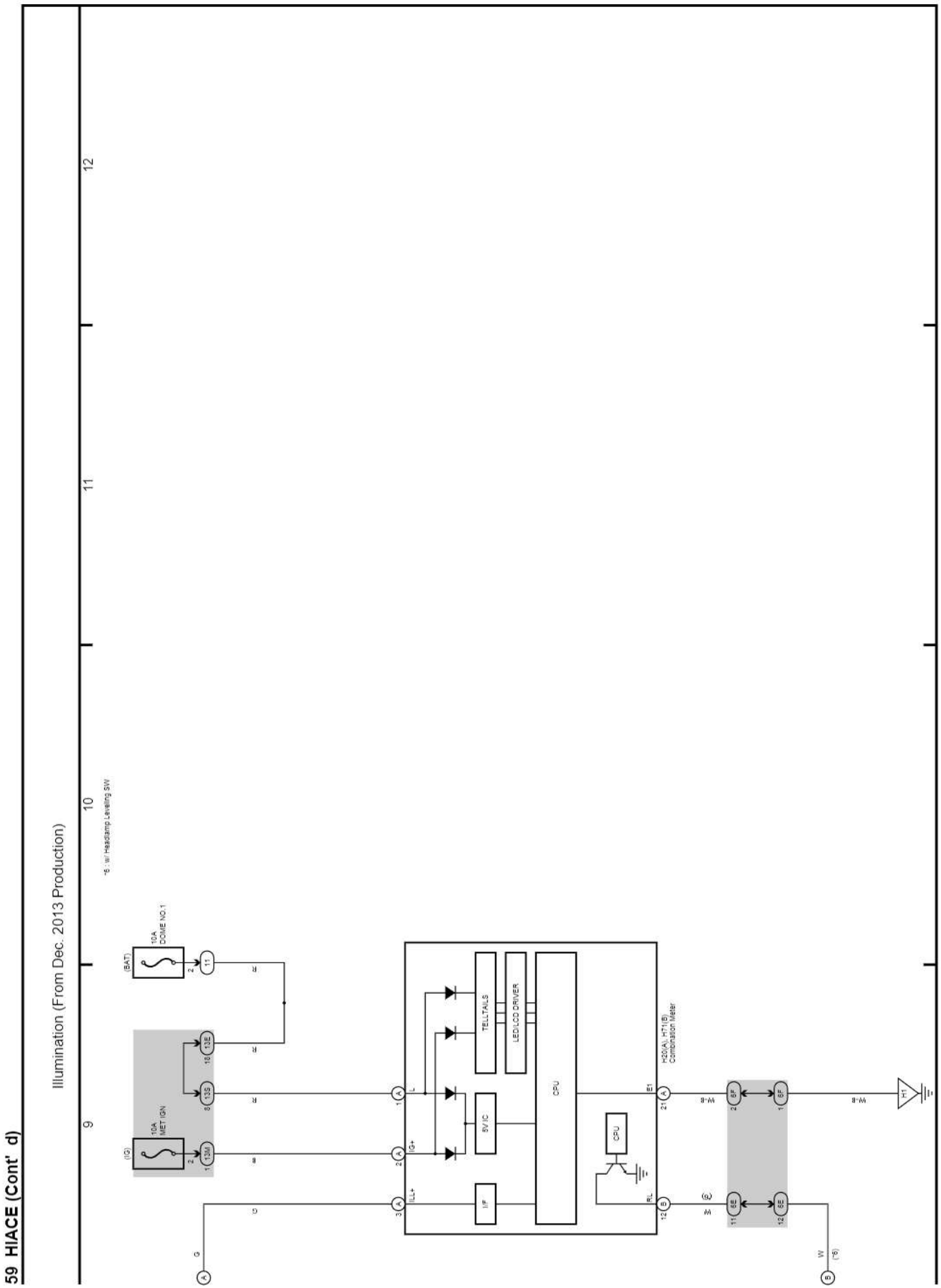
M OVERALL ELECTRICAL WIRING DIAGRAM



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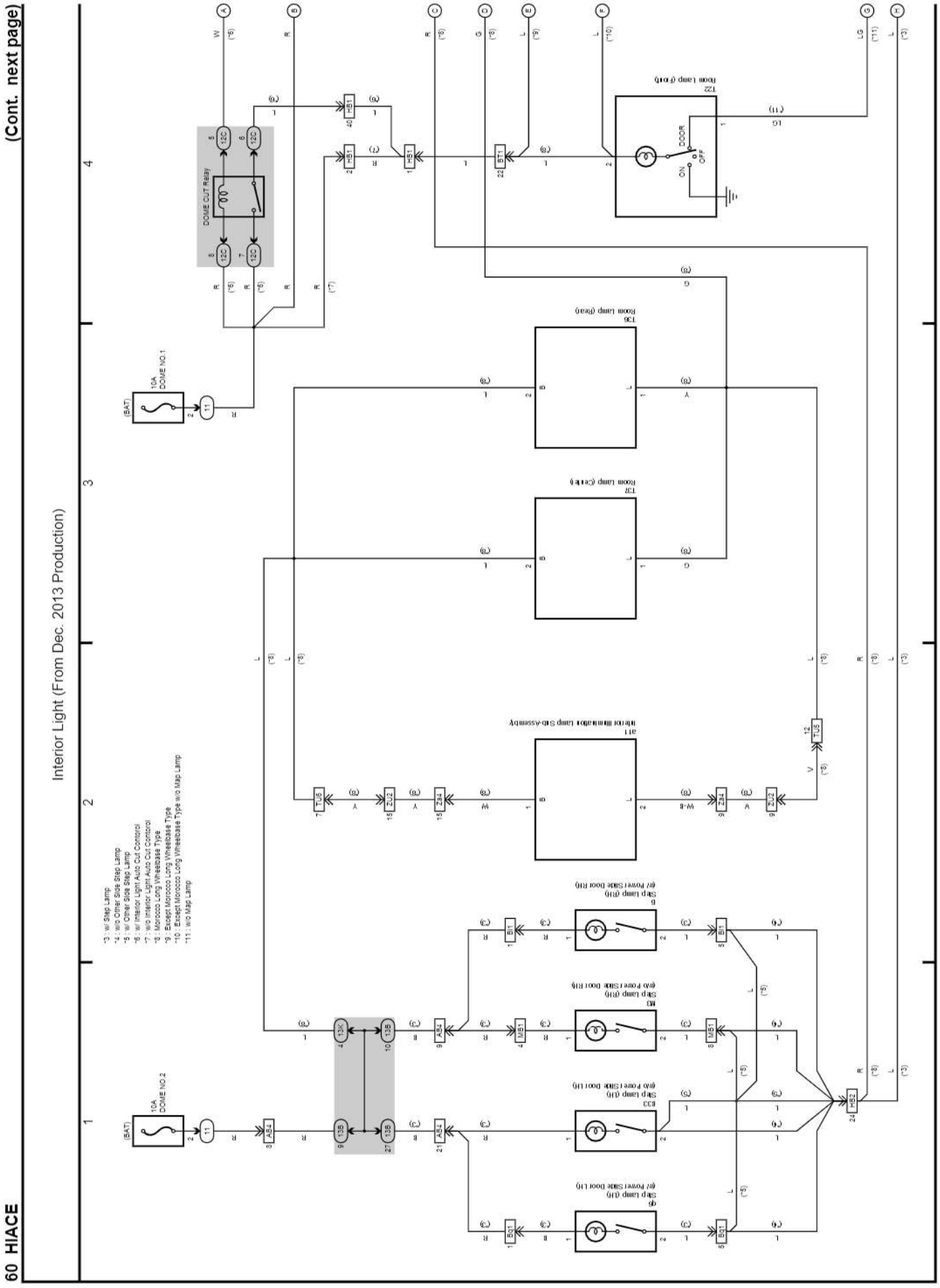

59 HIACE (Cont' d)
(Cont. next page)
Illumination (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*5 : w/ Door Lock Control SW
*6 : w/ Headlamp Leveling SW
Sliding Roof Drain Tube LH
Sliding Roof Drain Tube RH
Sliding Roof Motor Assembly
Sliding Roof Switch Assembly
Slide Roof Switch LH
Sliding Roof Switch Assembly
Sliding Roof Switch RH
Sliding Roof Switch Assembly
Sliding Roof Switch Assembly
Sliding Roof Switch Assembly

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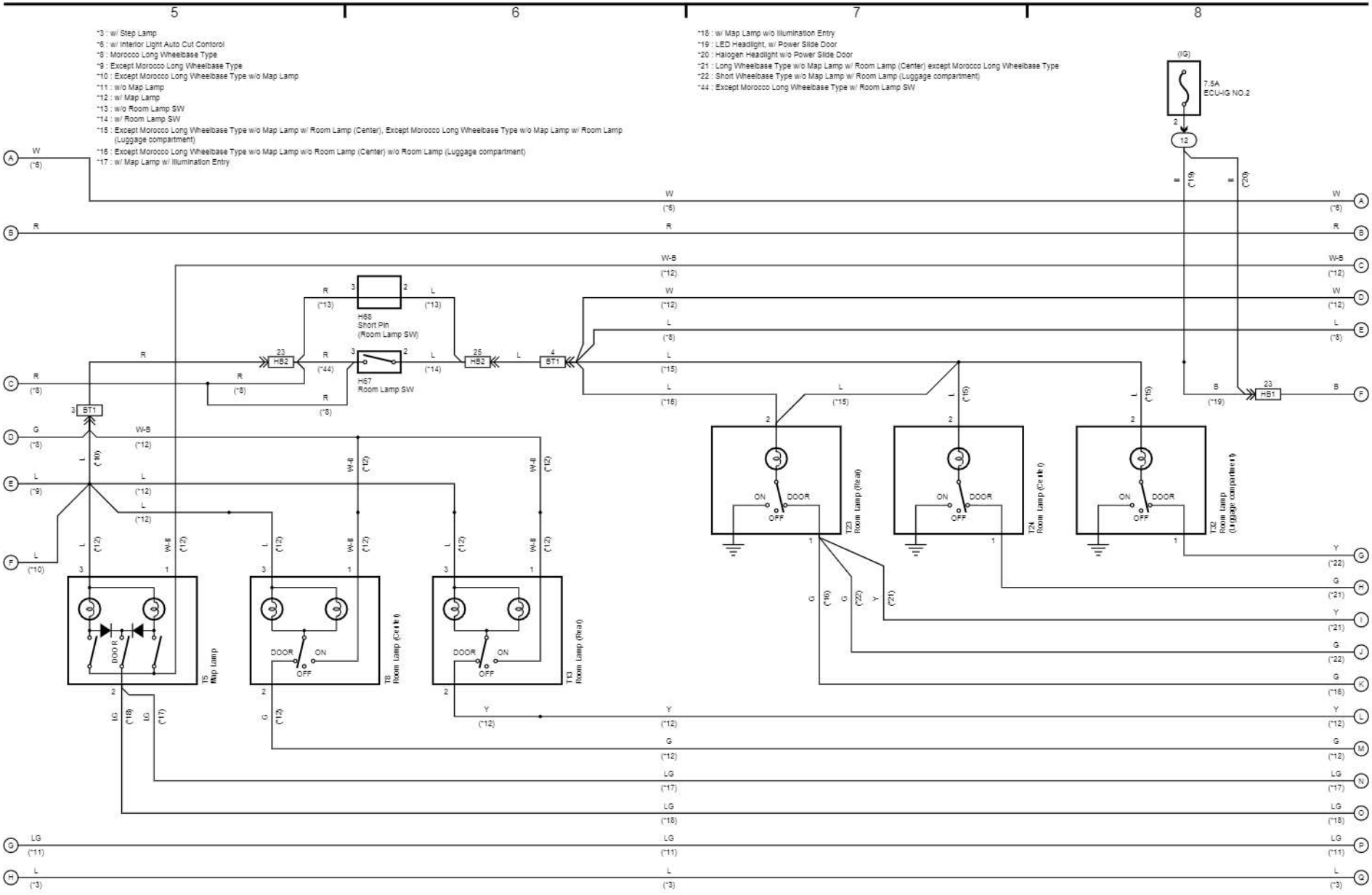
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M OVERALL ELECTRICAL WIRING DIAGRAM



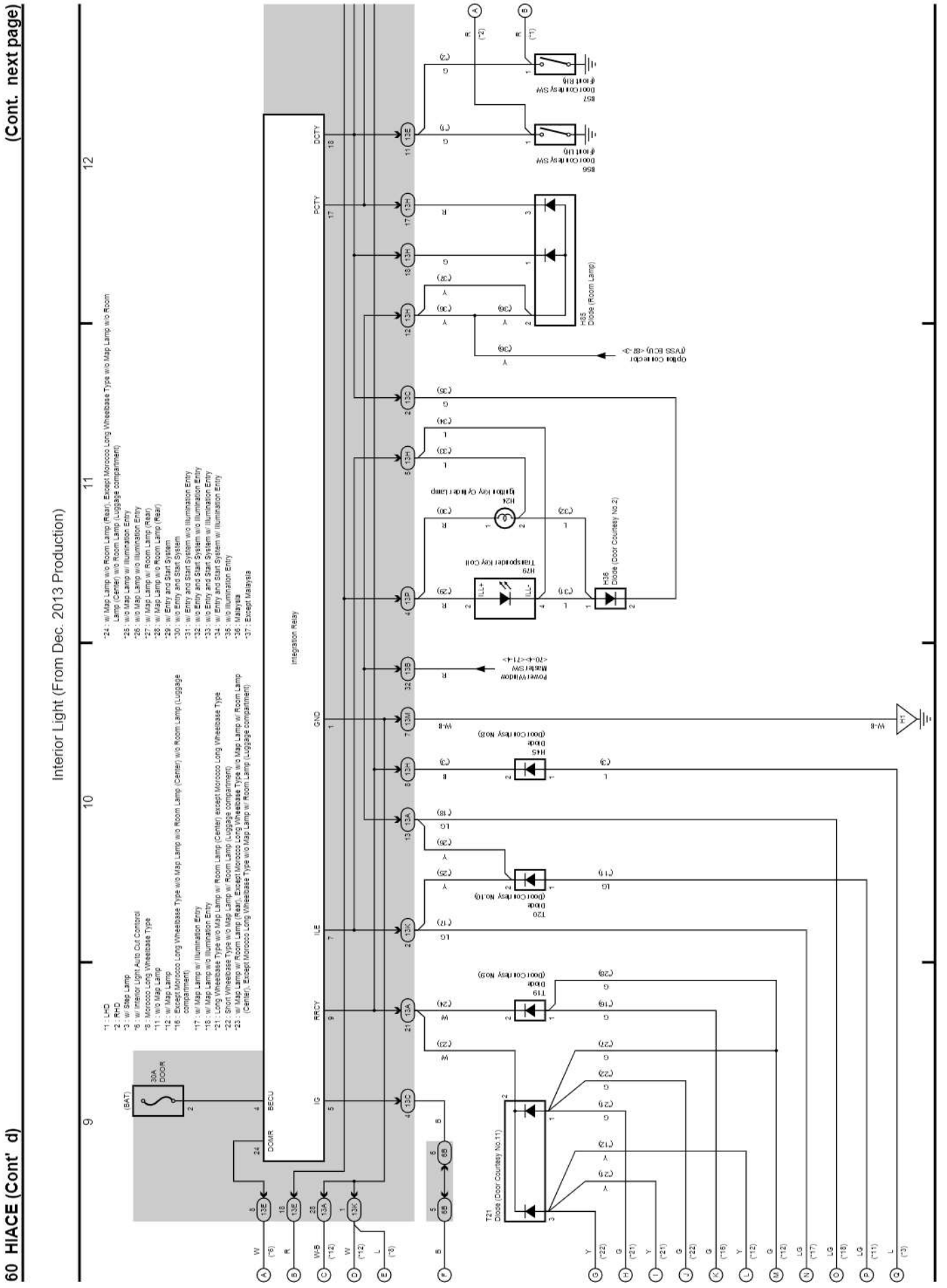
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Interior Light (From Dec. 2013 Production)

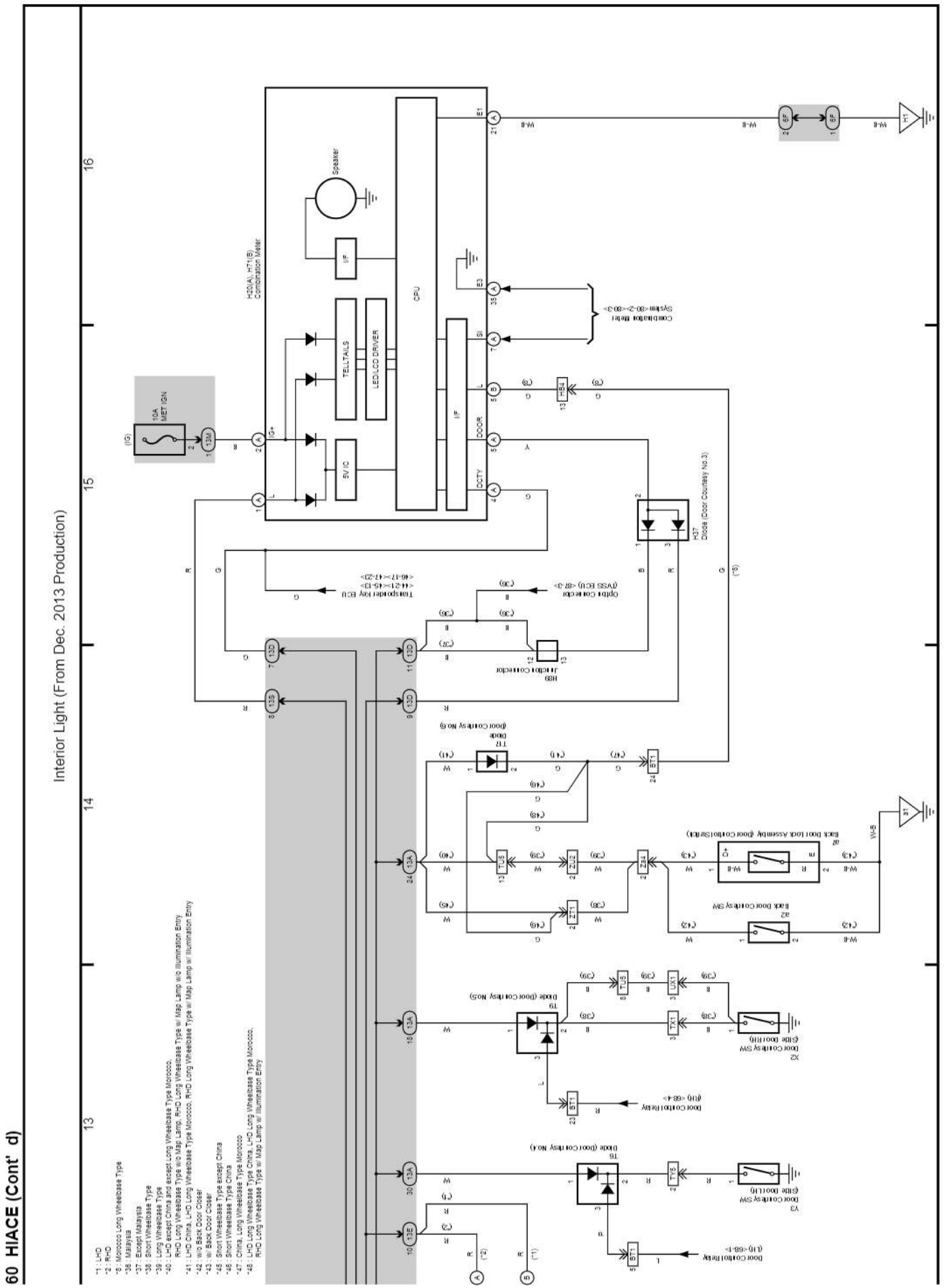


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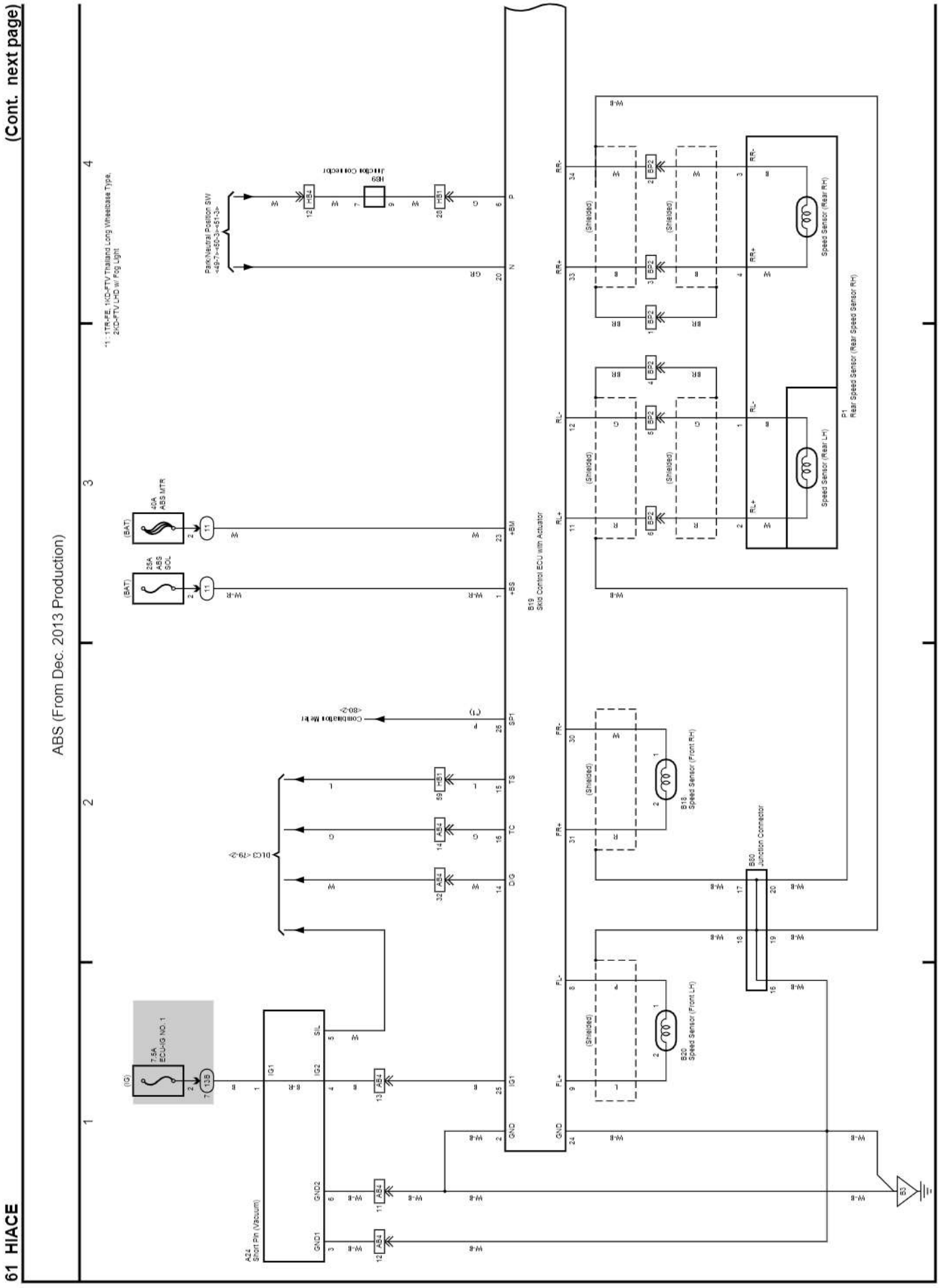


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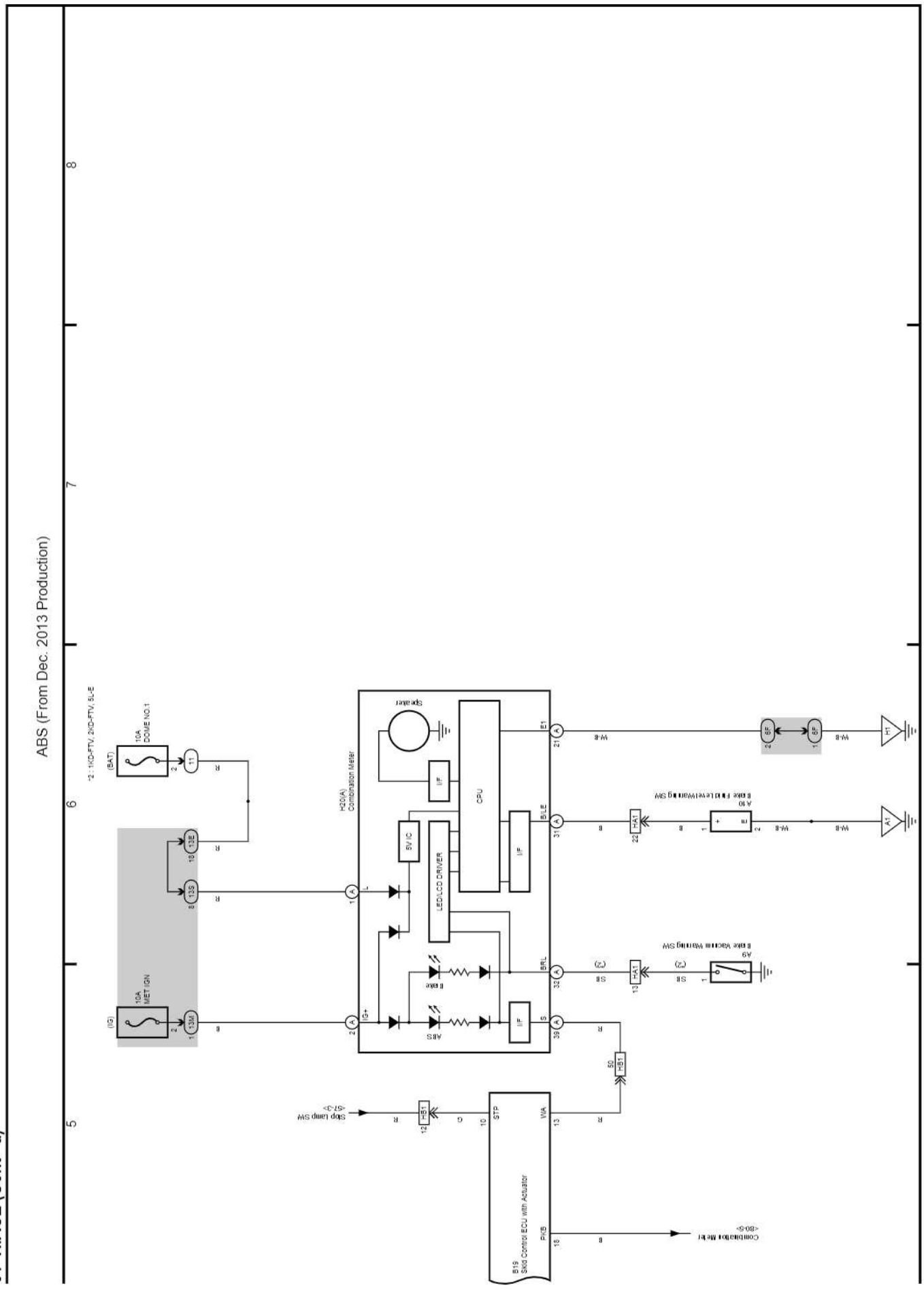
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M OVERALL ELECTRICAL WIRING DIAGRAM



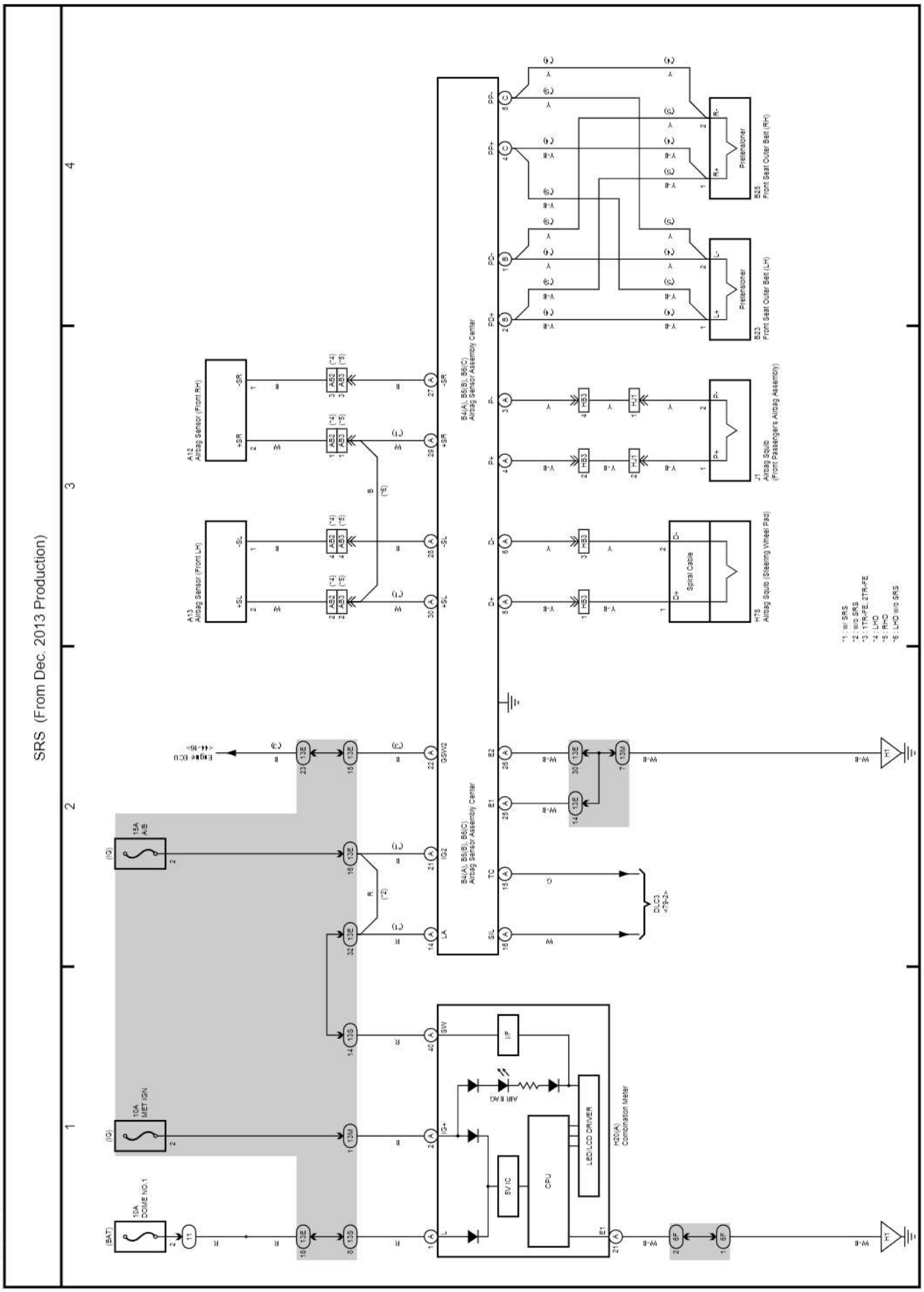
cardiagn.com

61 HIACE (Cont' d)



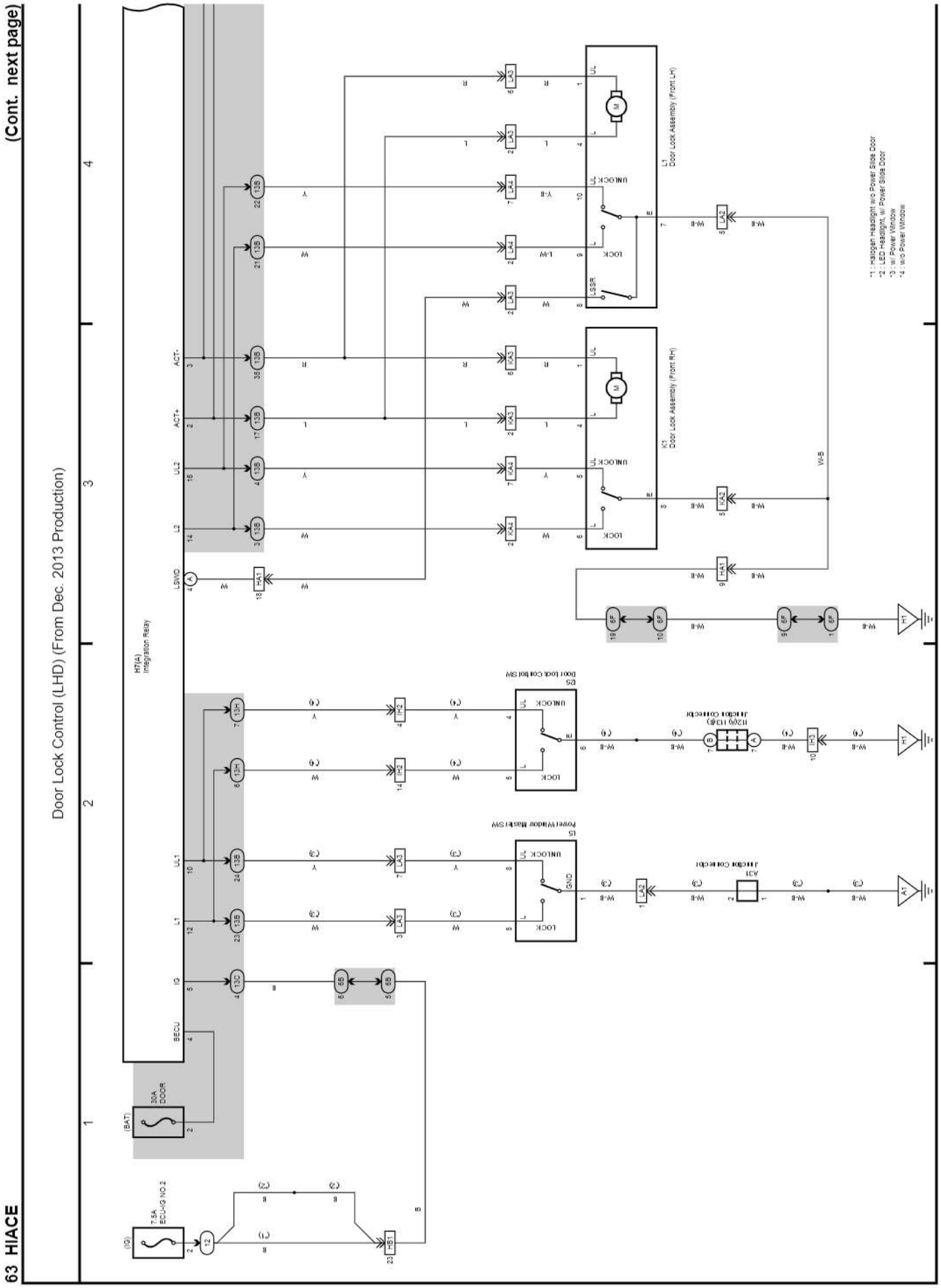
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M OVERALL ELECTRICAL WIRING DIAGRAM



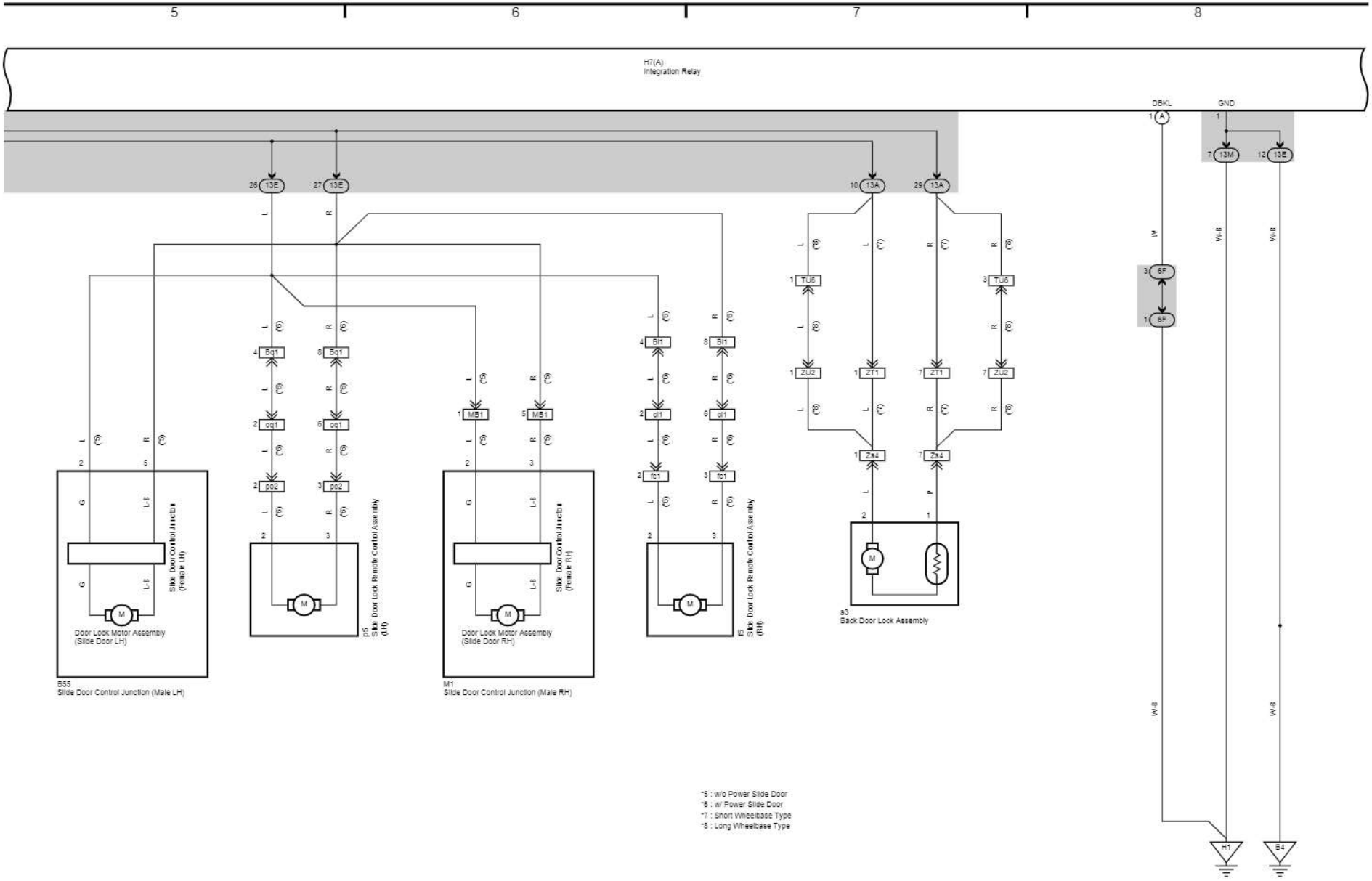
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M OVERALL ELECTRICAL WIRING DIAGRAM



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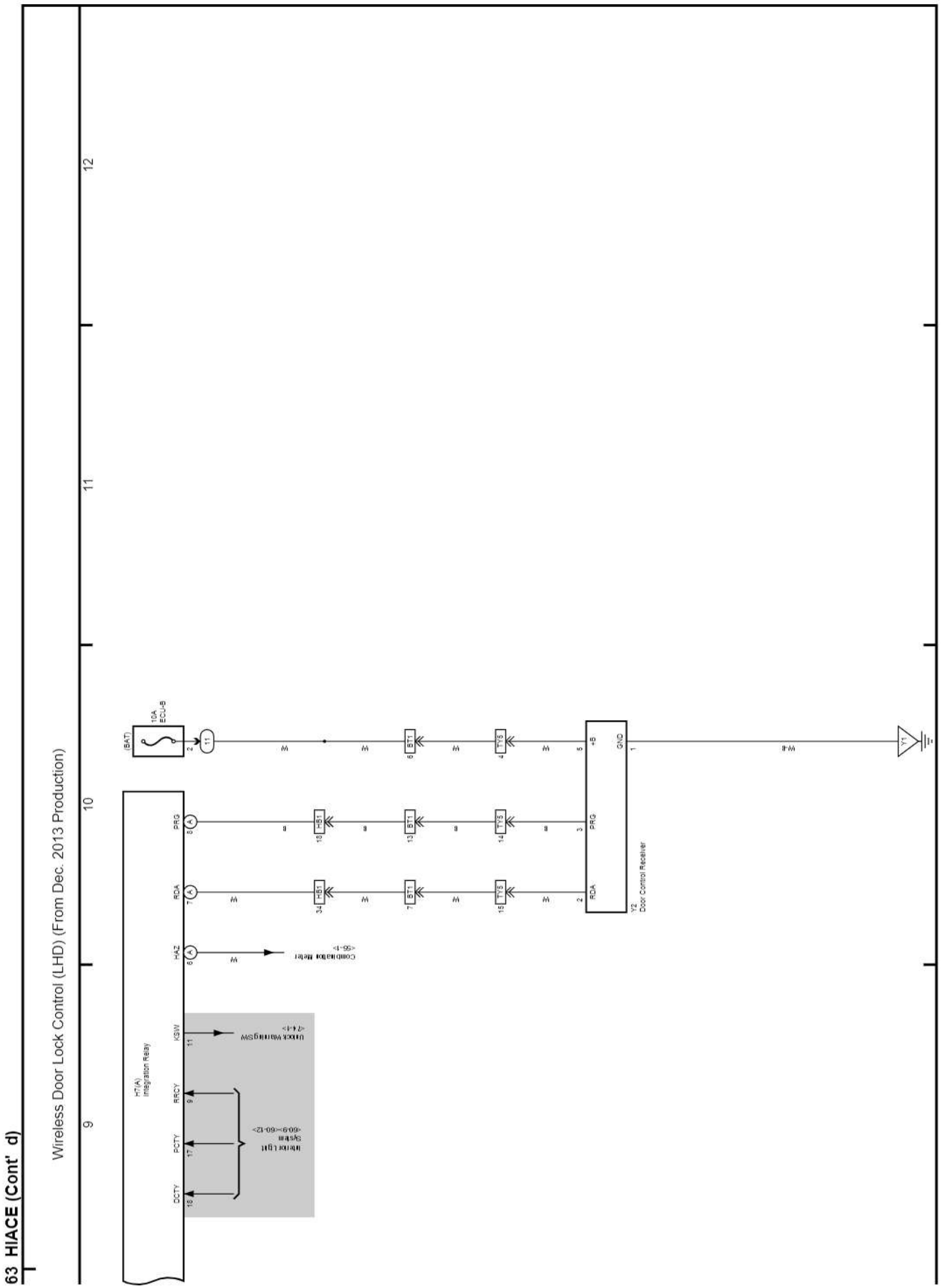
Door Lock Control (LHD) (From Dec. 2013 Production)



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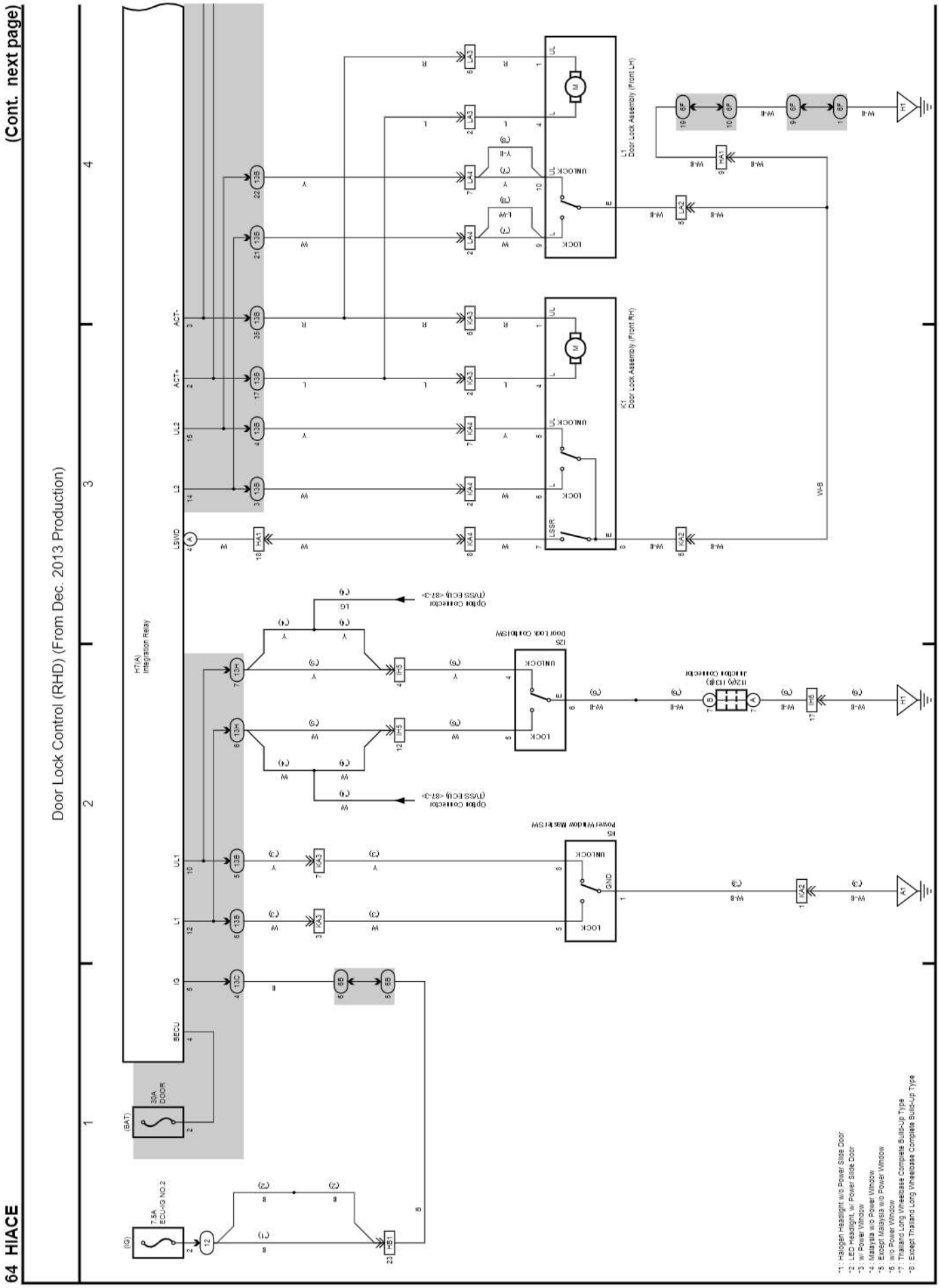
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M OVERALL ELECTRICAL WIRING DIAGRAM



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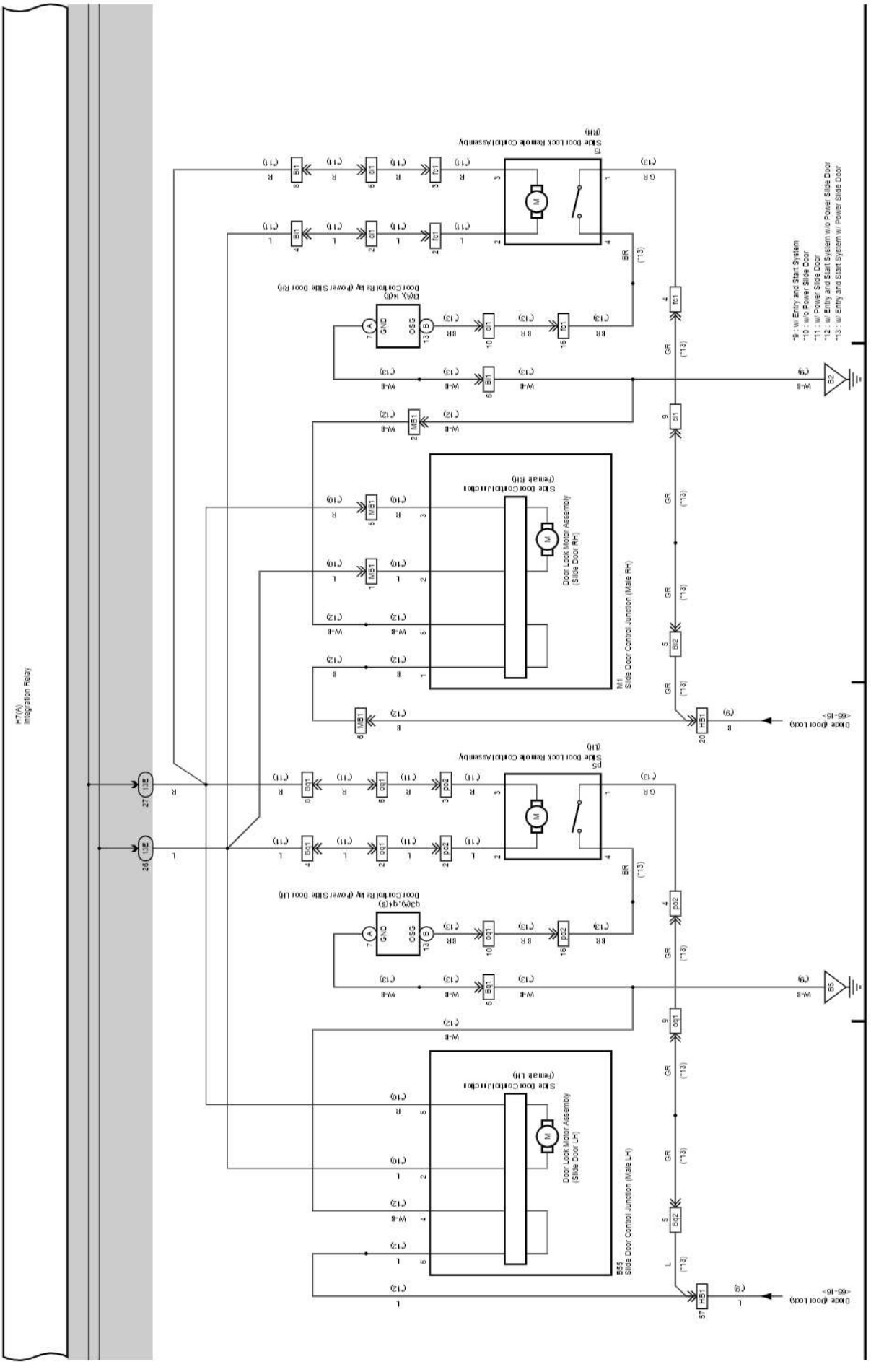
M OVERALL ELECTRICAL WIRING DIAGRAM



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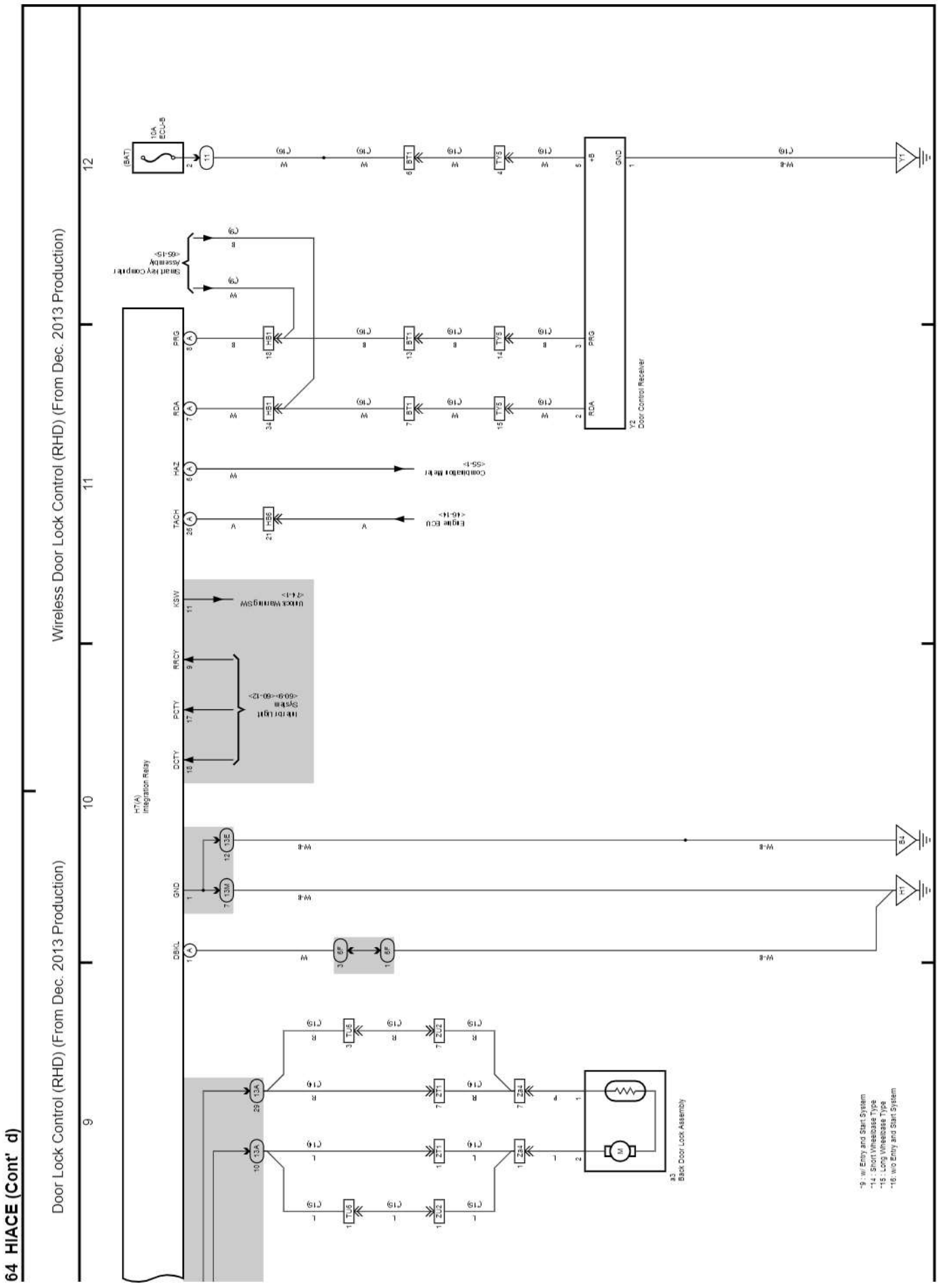
64 HIACE (Cont' d)

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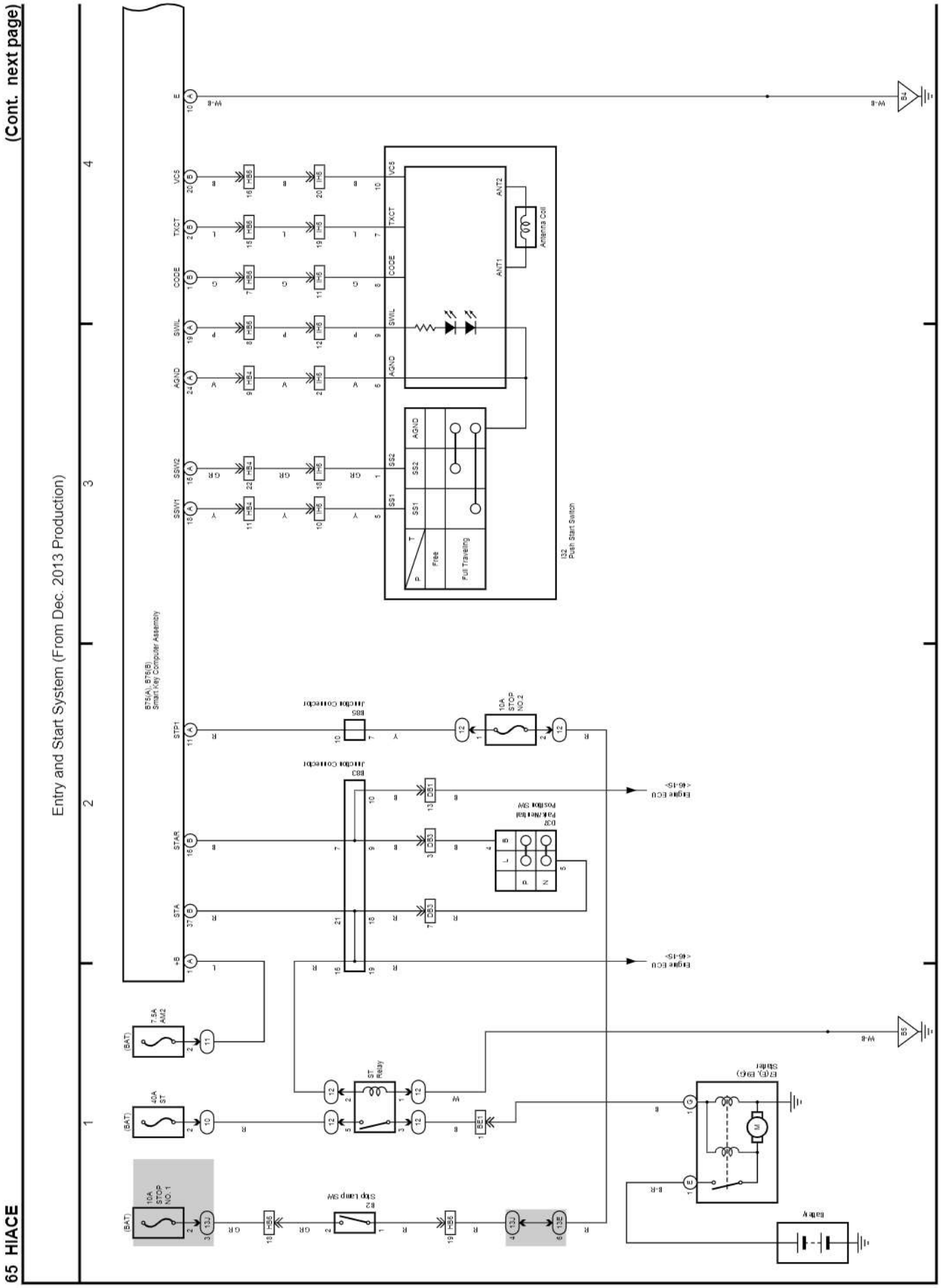
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M OVERALL ELECTRICAL WIRING DIAGRAM



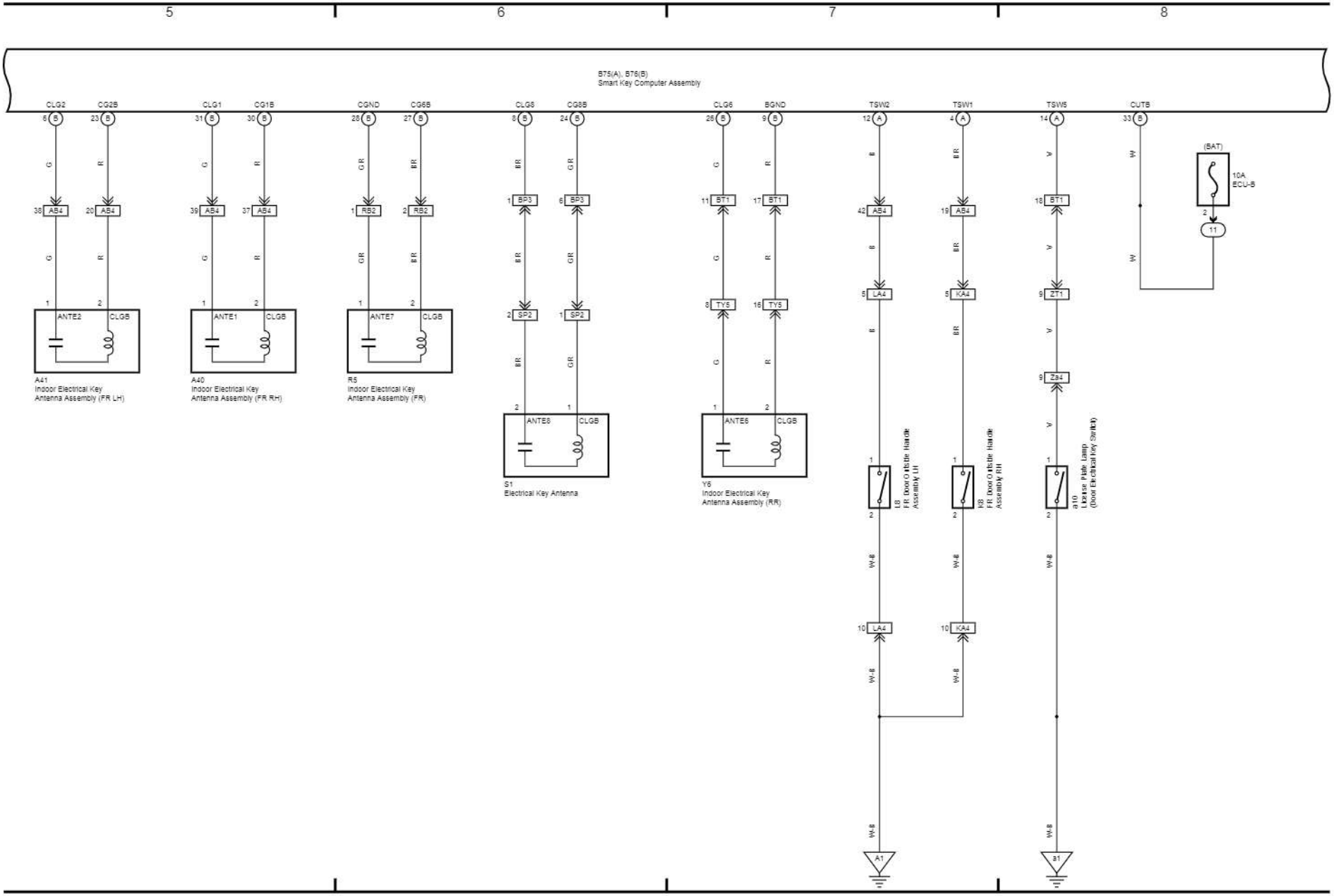
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M OVERALL ELECTRICAL WIRING DIAGRAM



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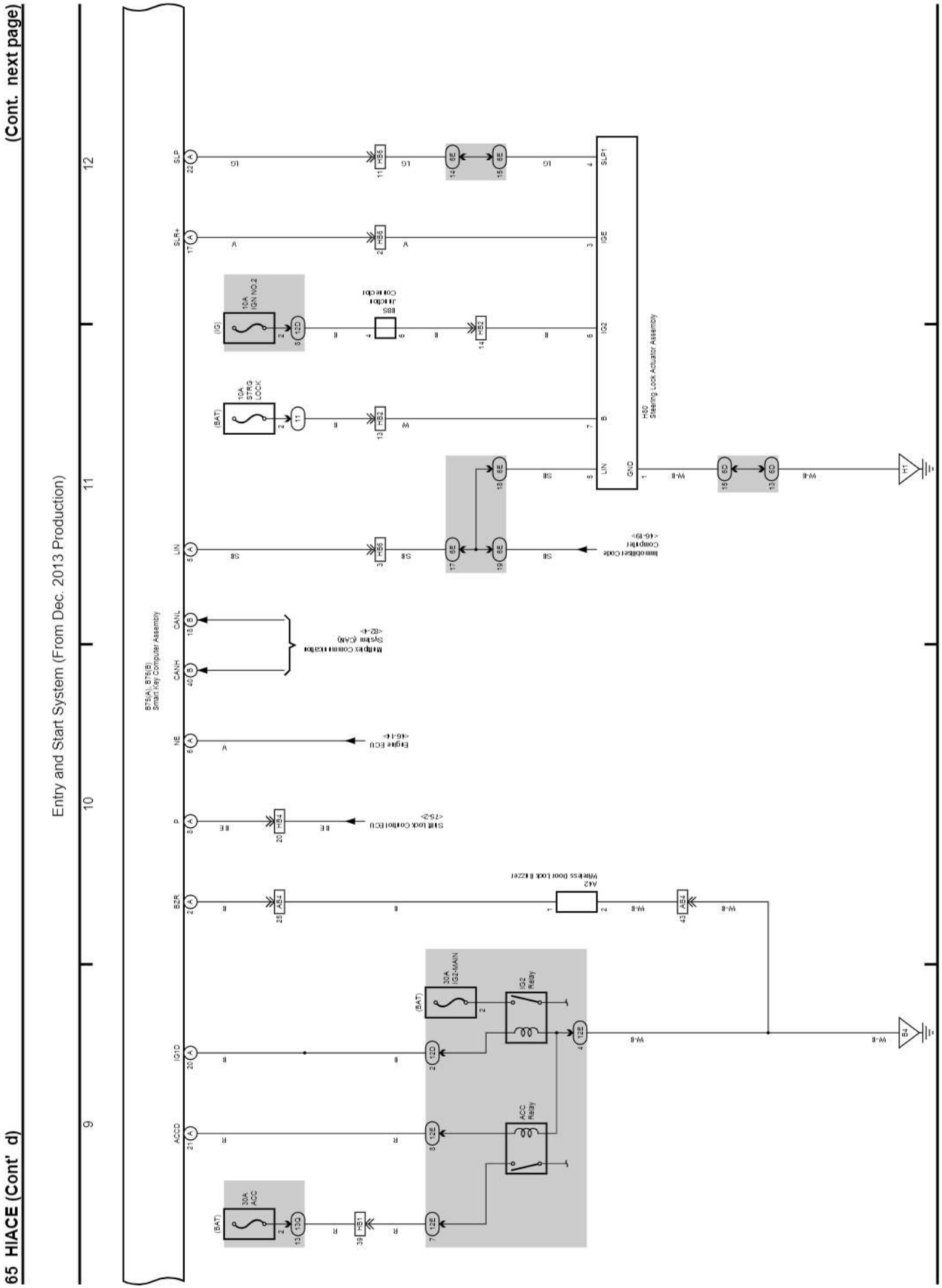
Entry and Start System (From Dec. 2013 Production)



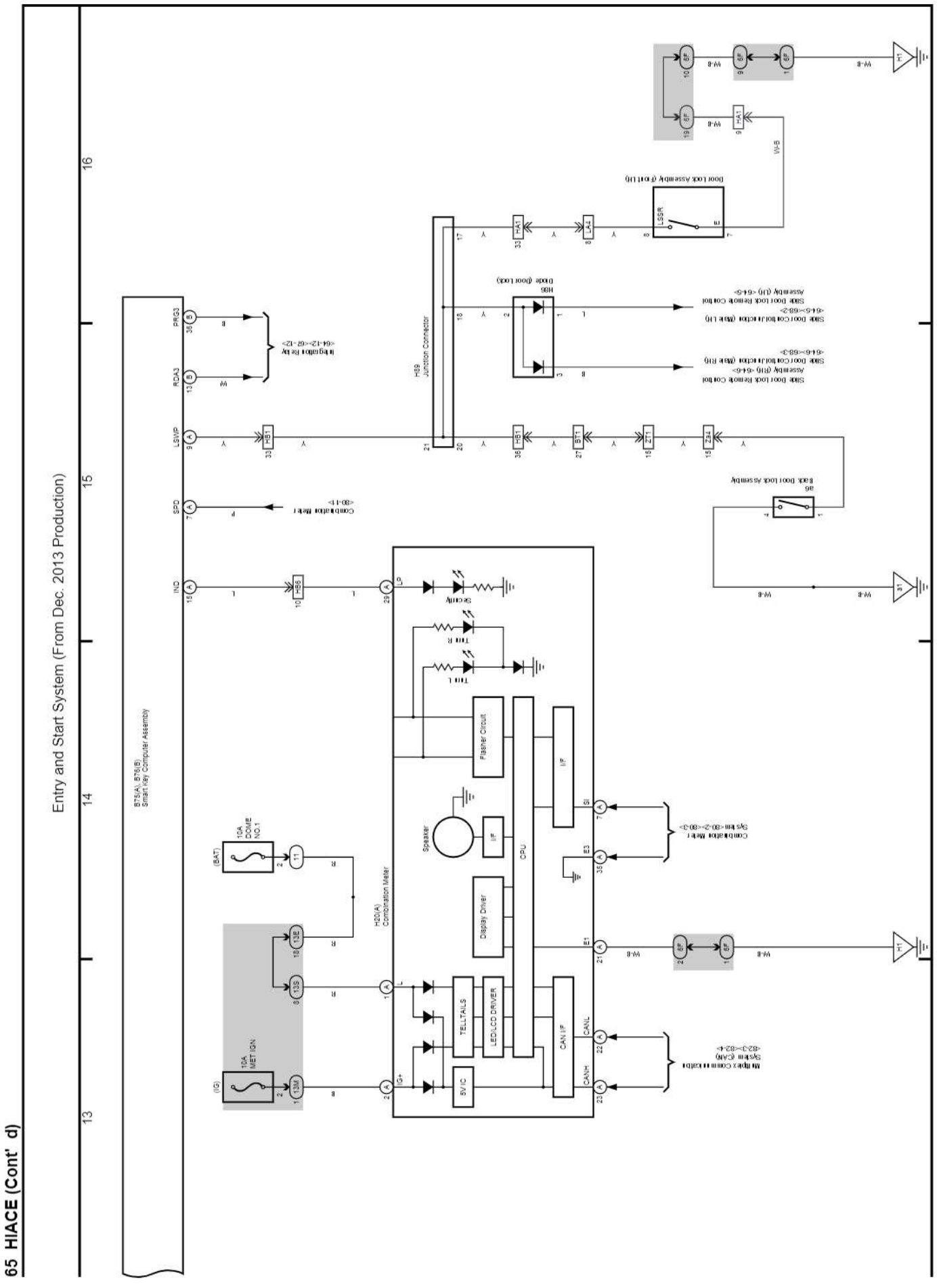
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M OVERALL ELECTRICAL WIRING DIAGRAM

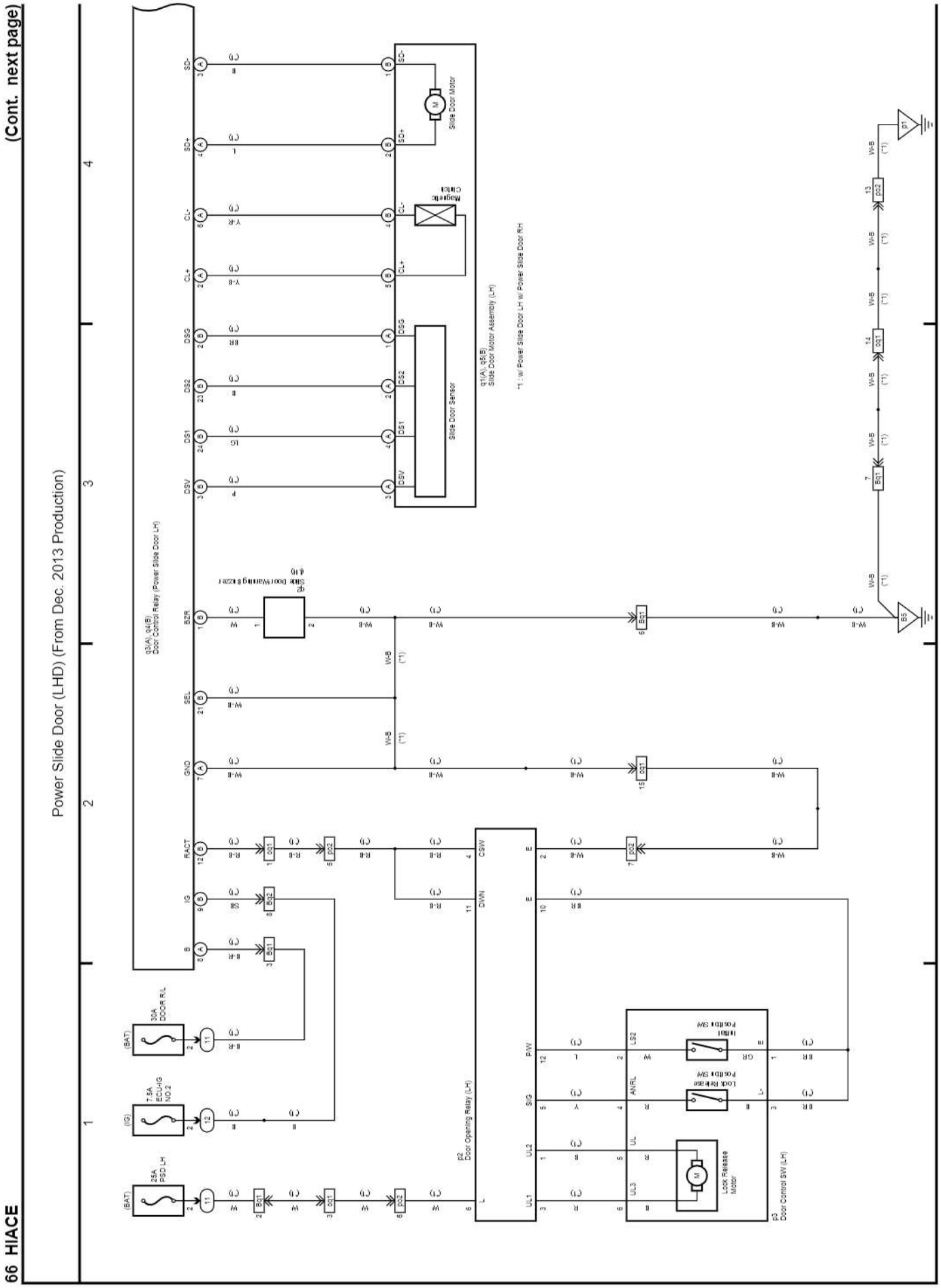


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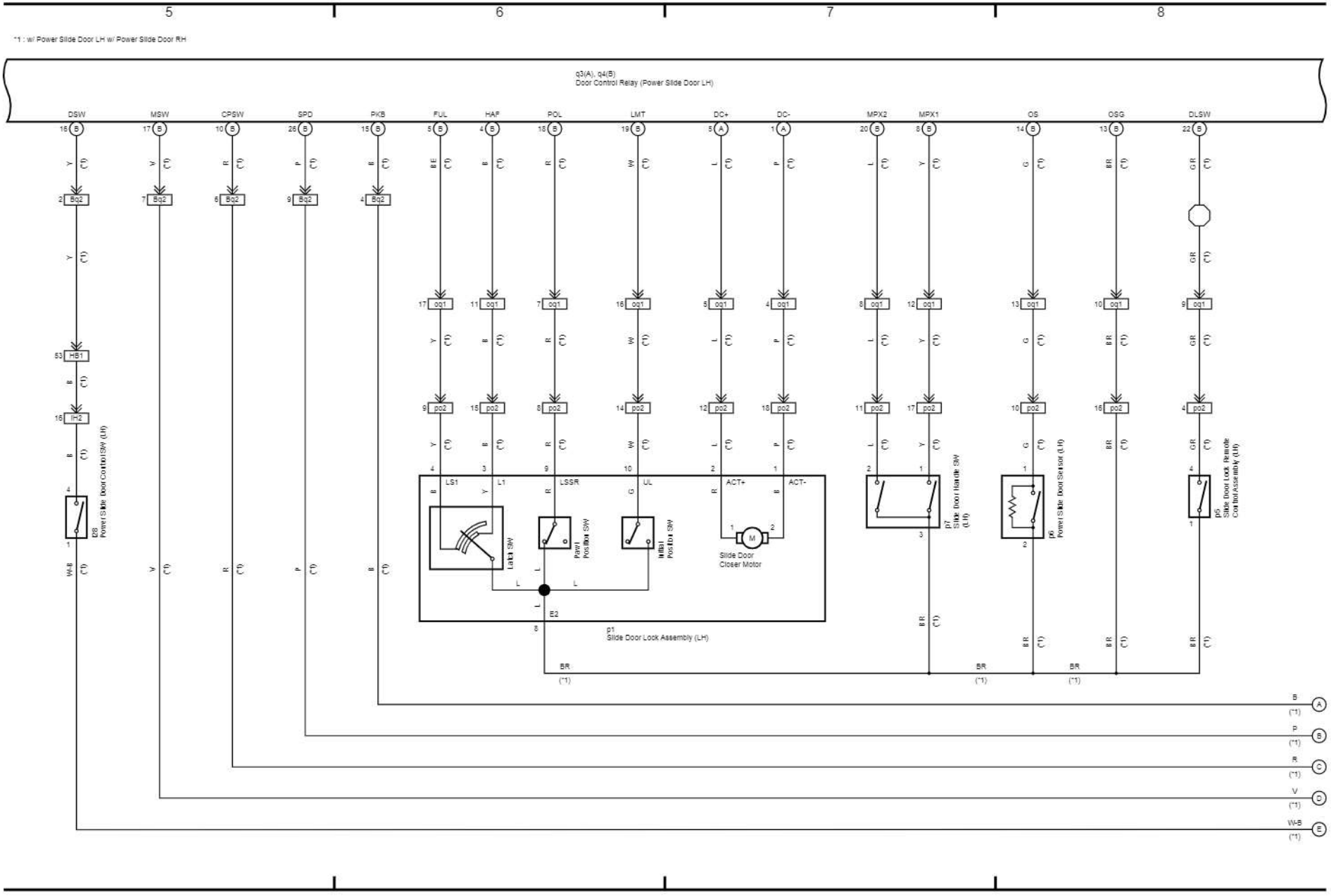
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M OVERALL ELECTRICAL WIRING DIAGRAM



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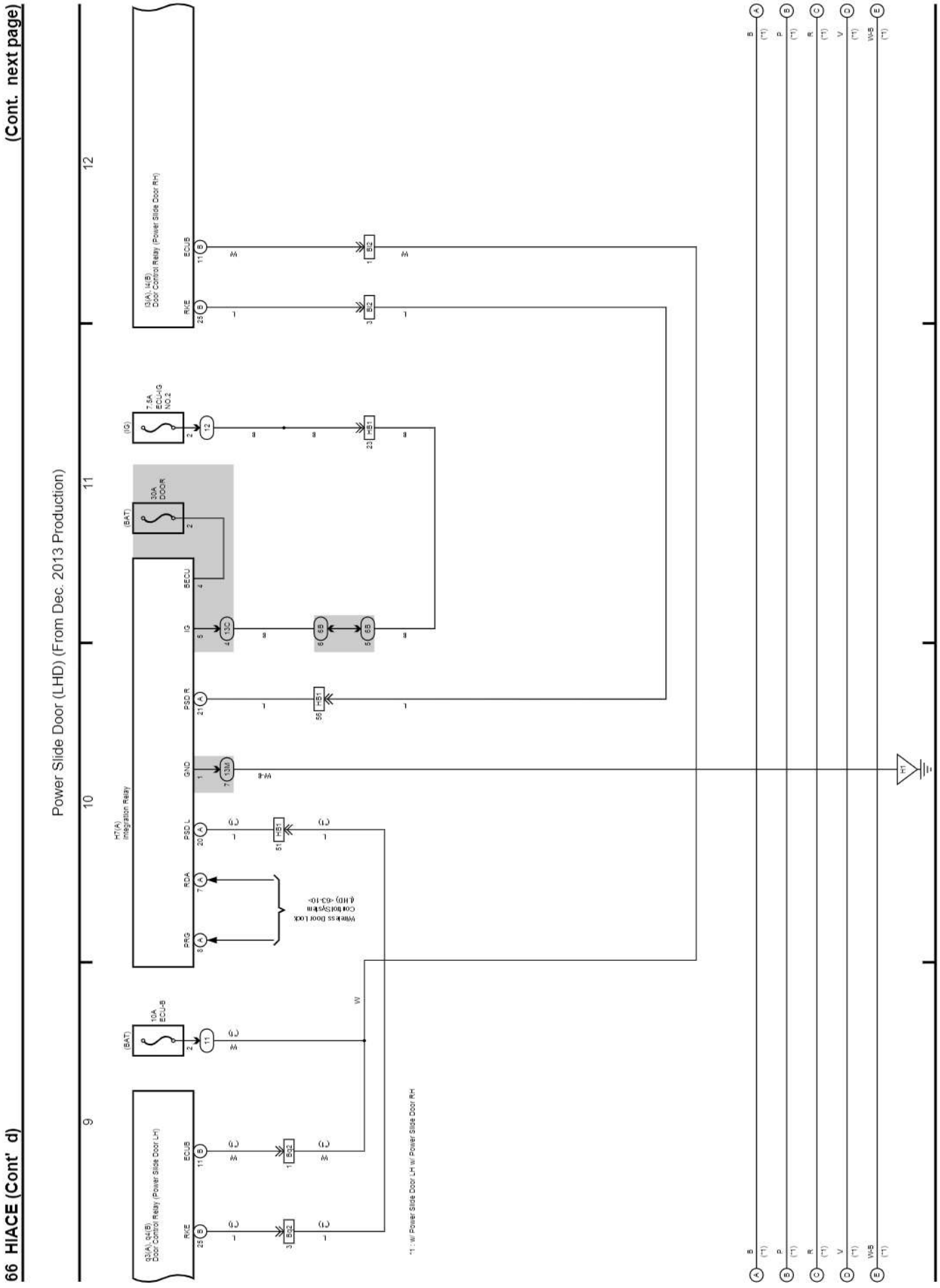
Power Slide Door (LHD) (From Dec. 2013 Production)



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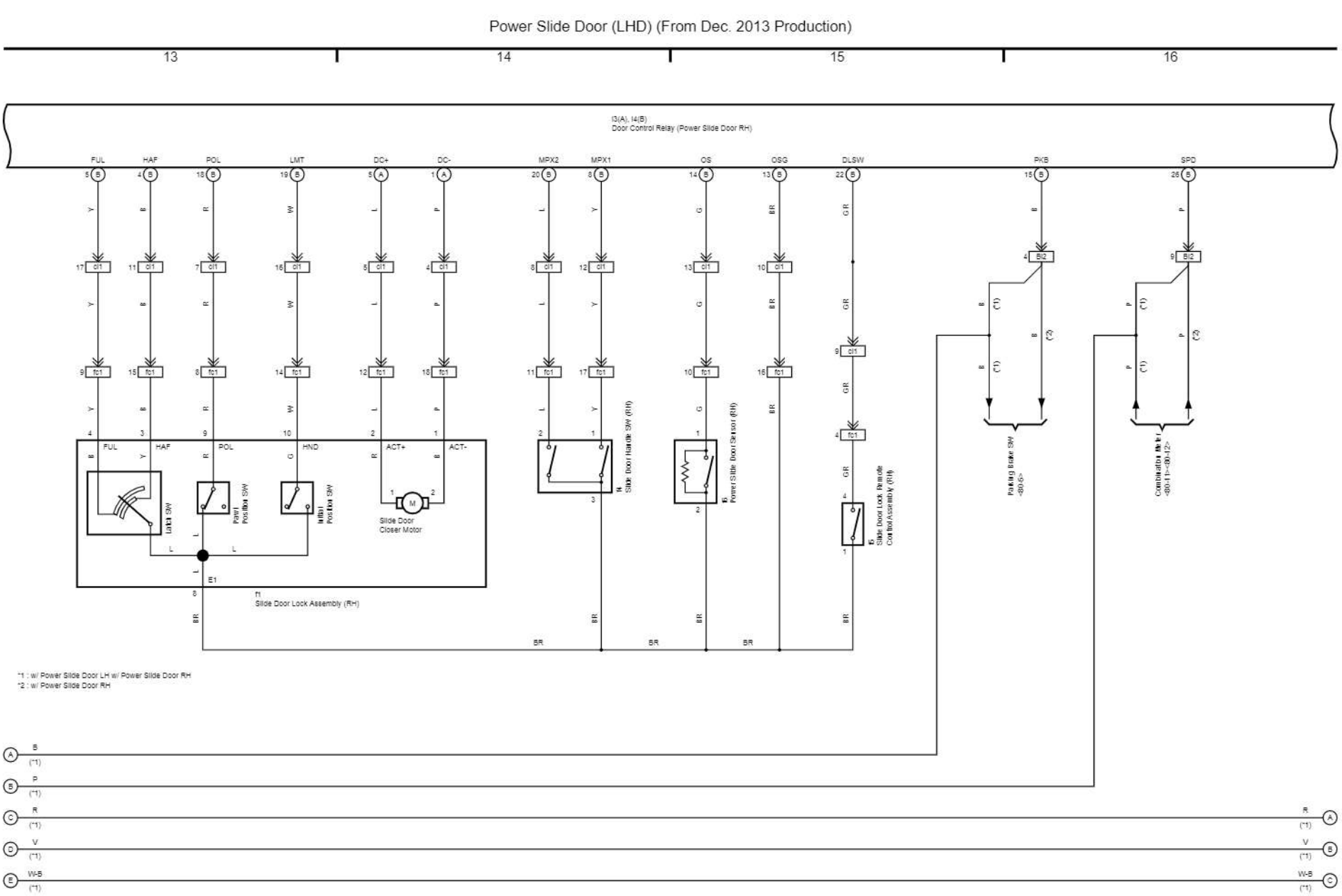
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M OVERALL ELECTRICAL WIRING DIAGRAM



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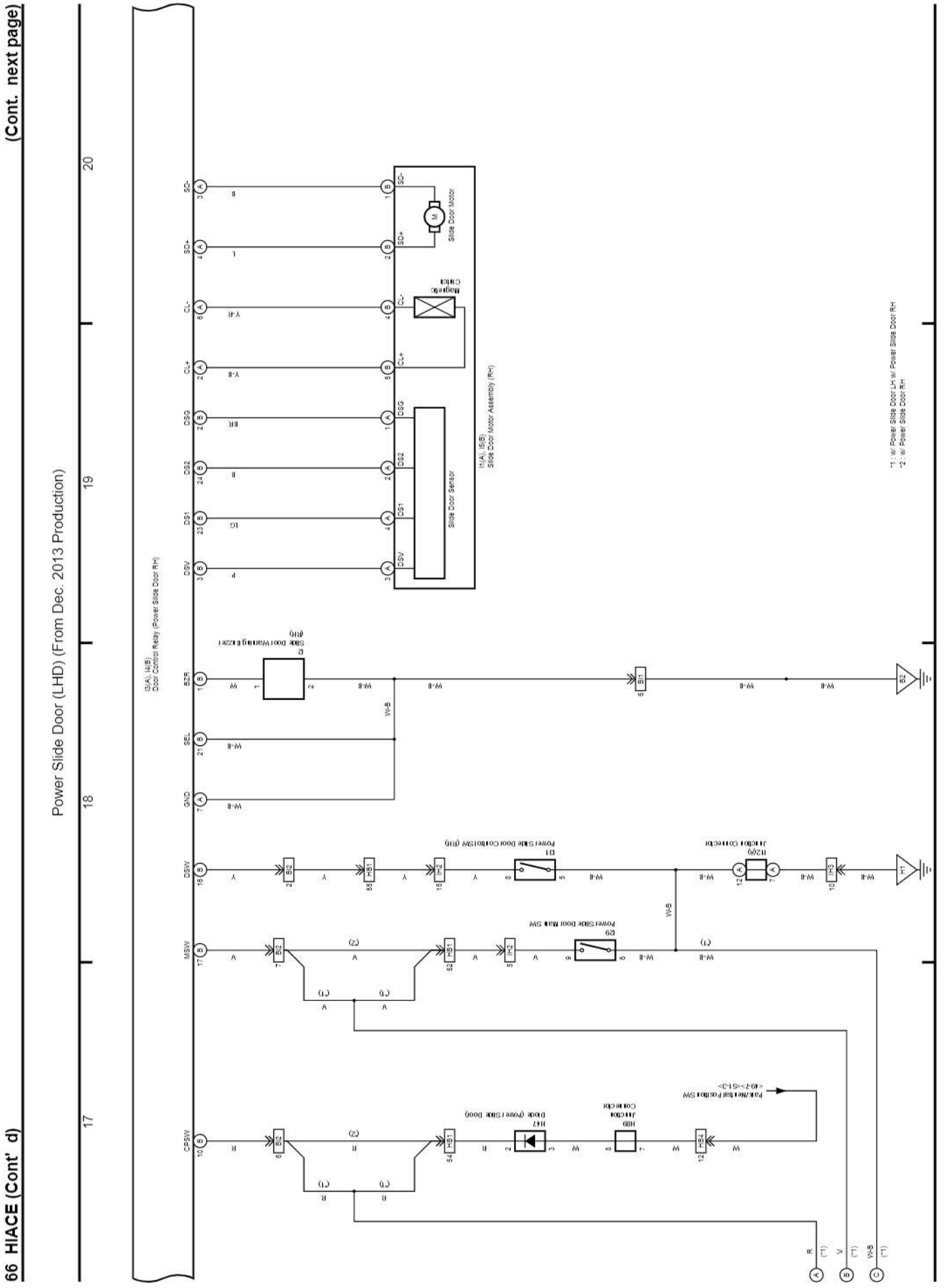
Power Slide Door (LHD) (From Dec. 2013 Production)



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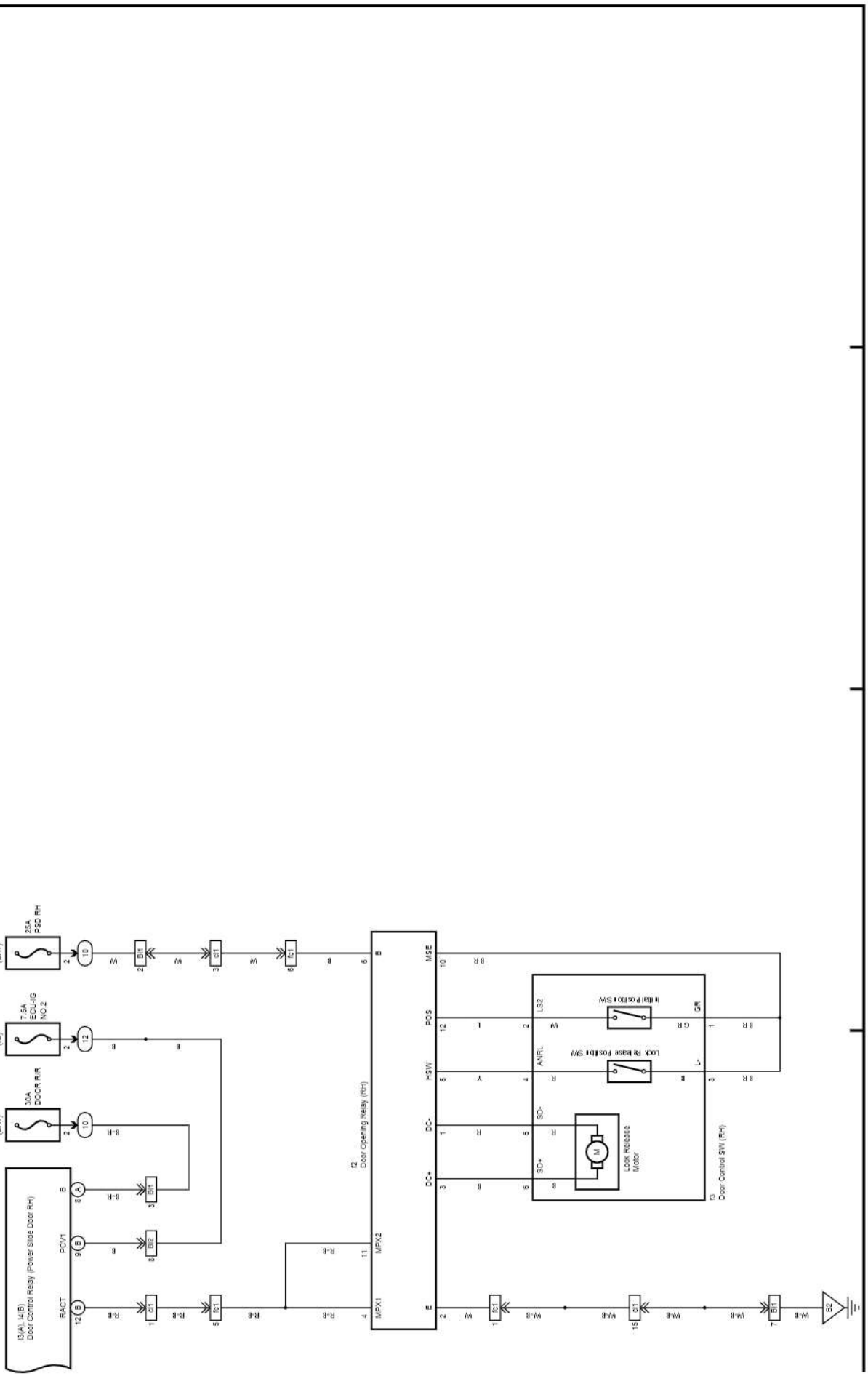
M OVERALL ELECTRICAL WIRING DIAGRAM



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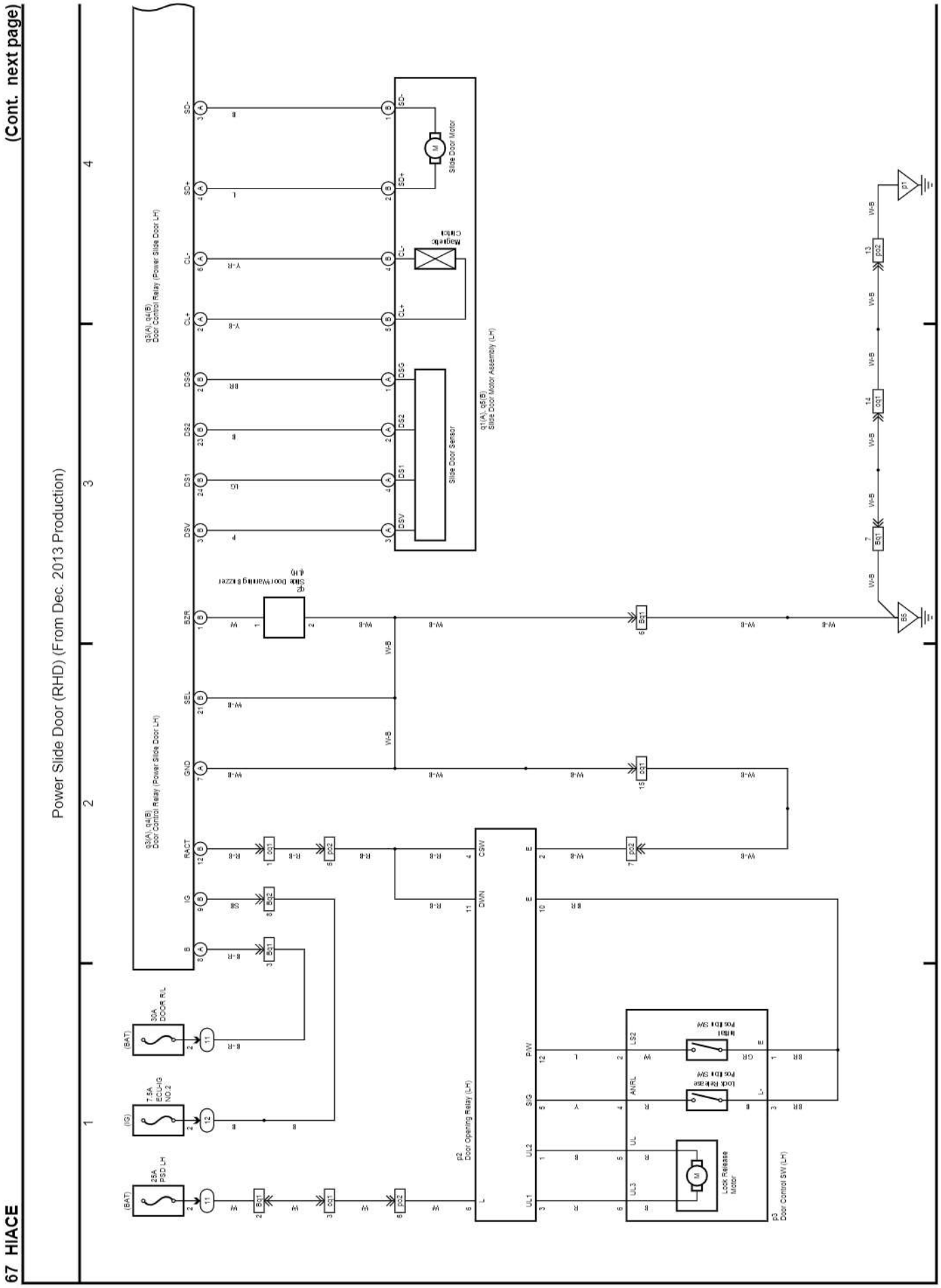
66 HIACE (Cont' d)

Power Slide Door (LHD) (From Dec. 2013 Production)



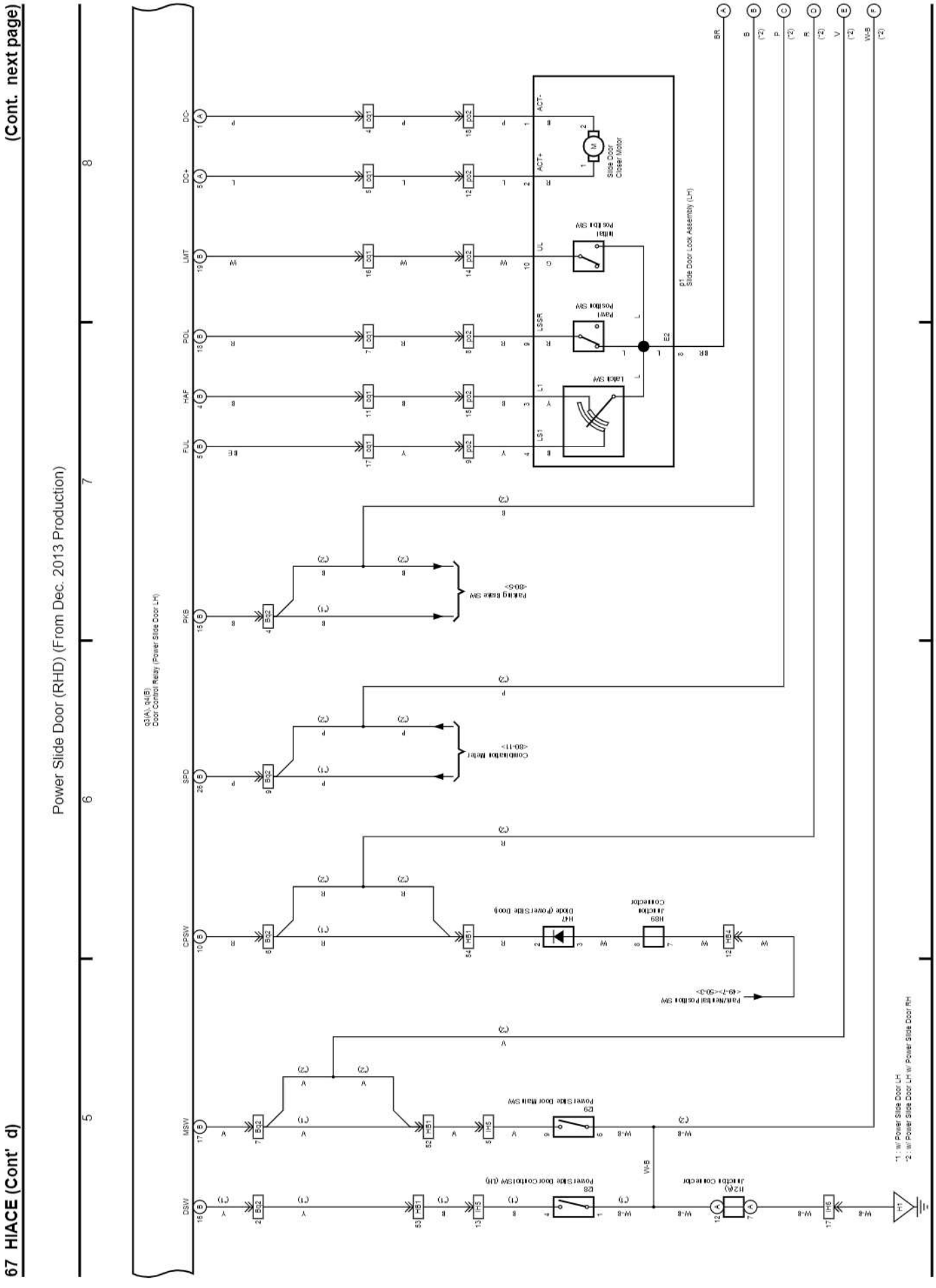
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M OVERALL ELECTRICAL WIRING DIAGRAM



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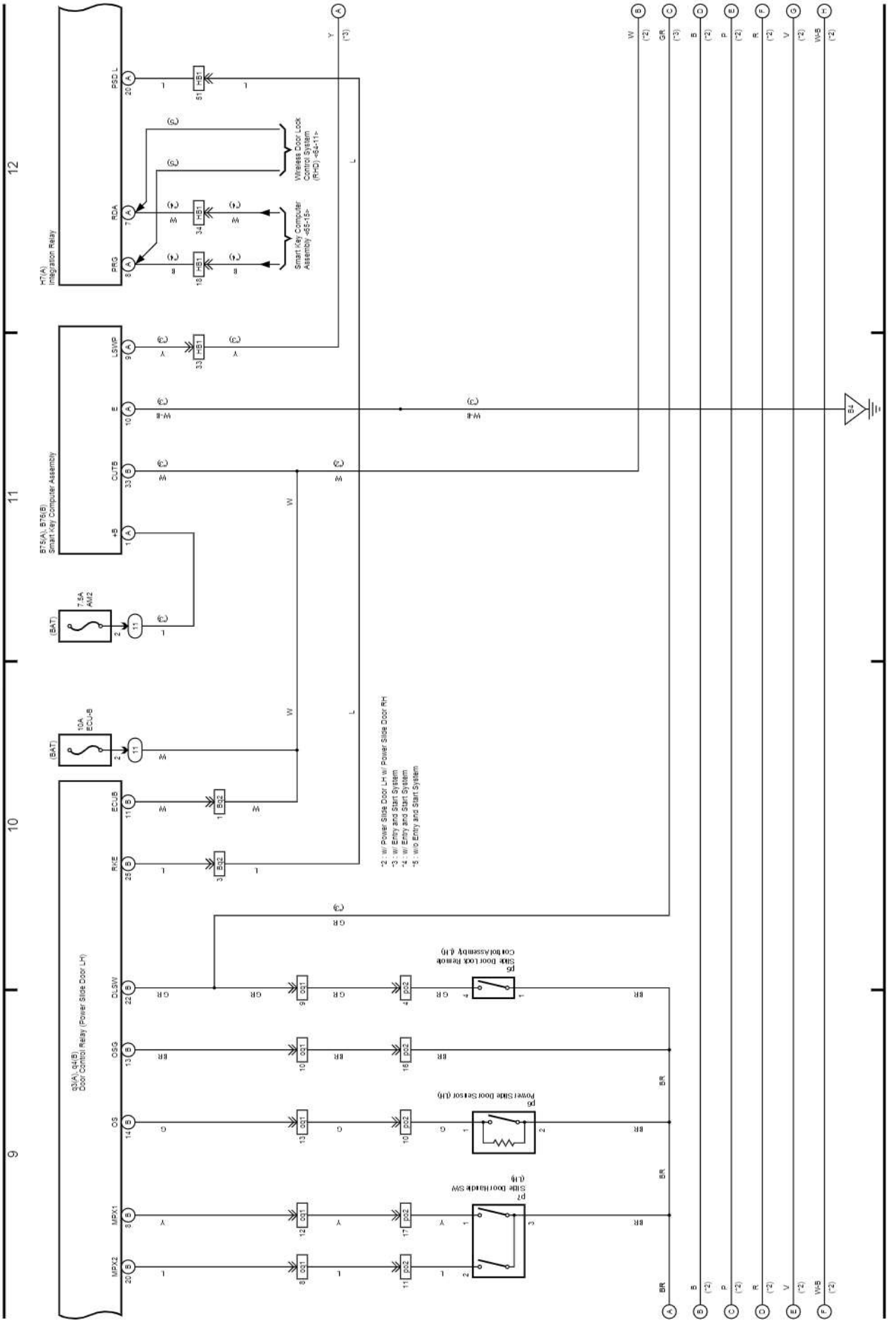
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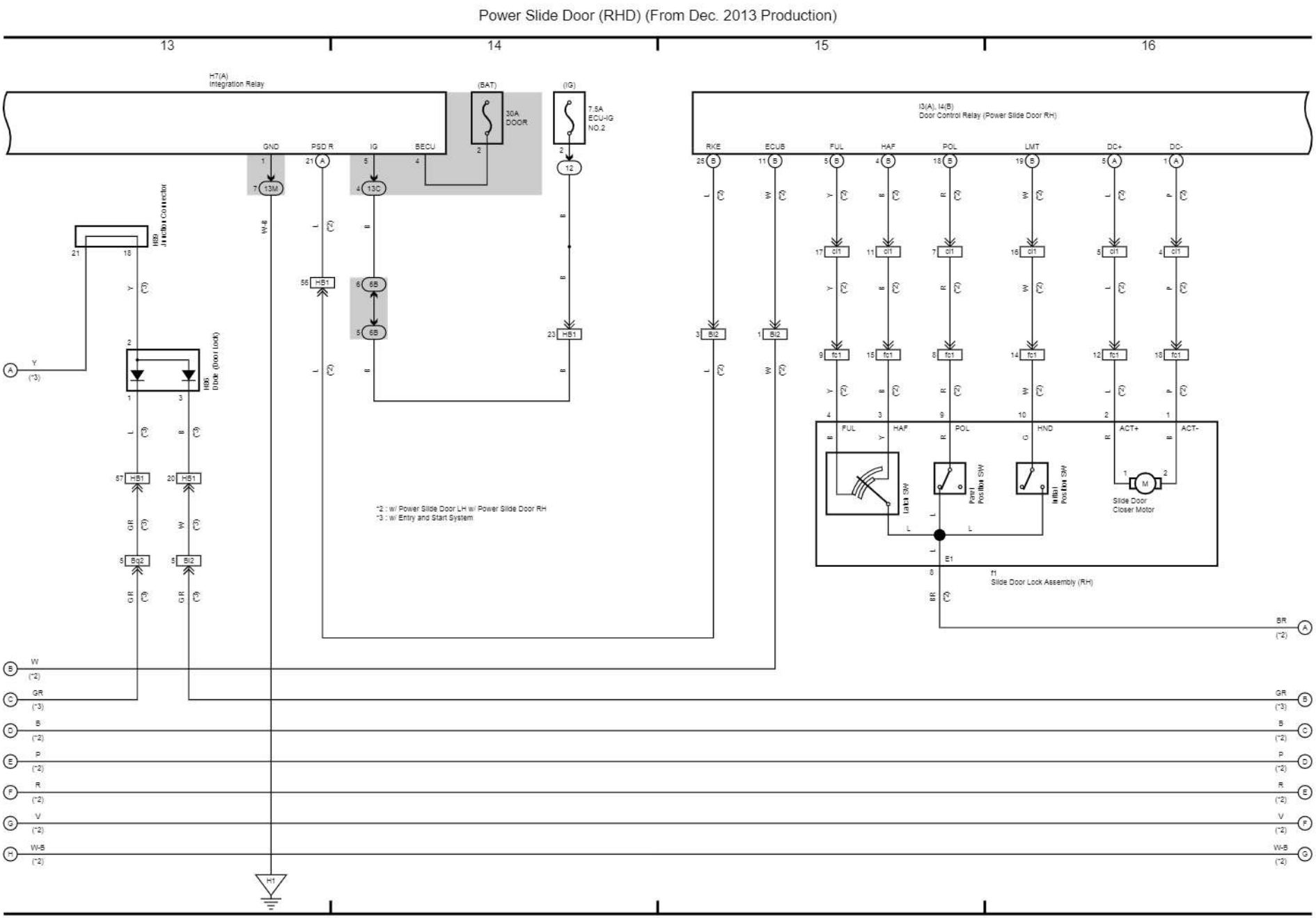


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M OVERALL ELECTRICAL WIRING DIAGRAM

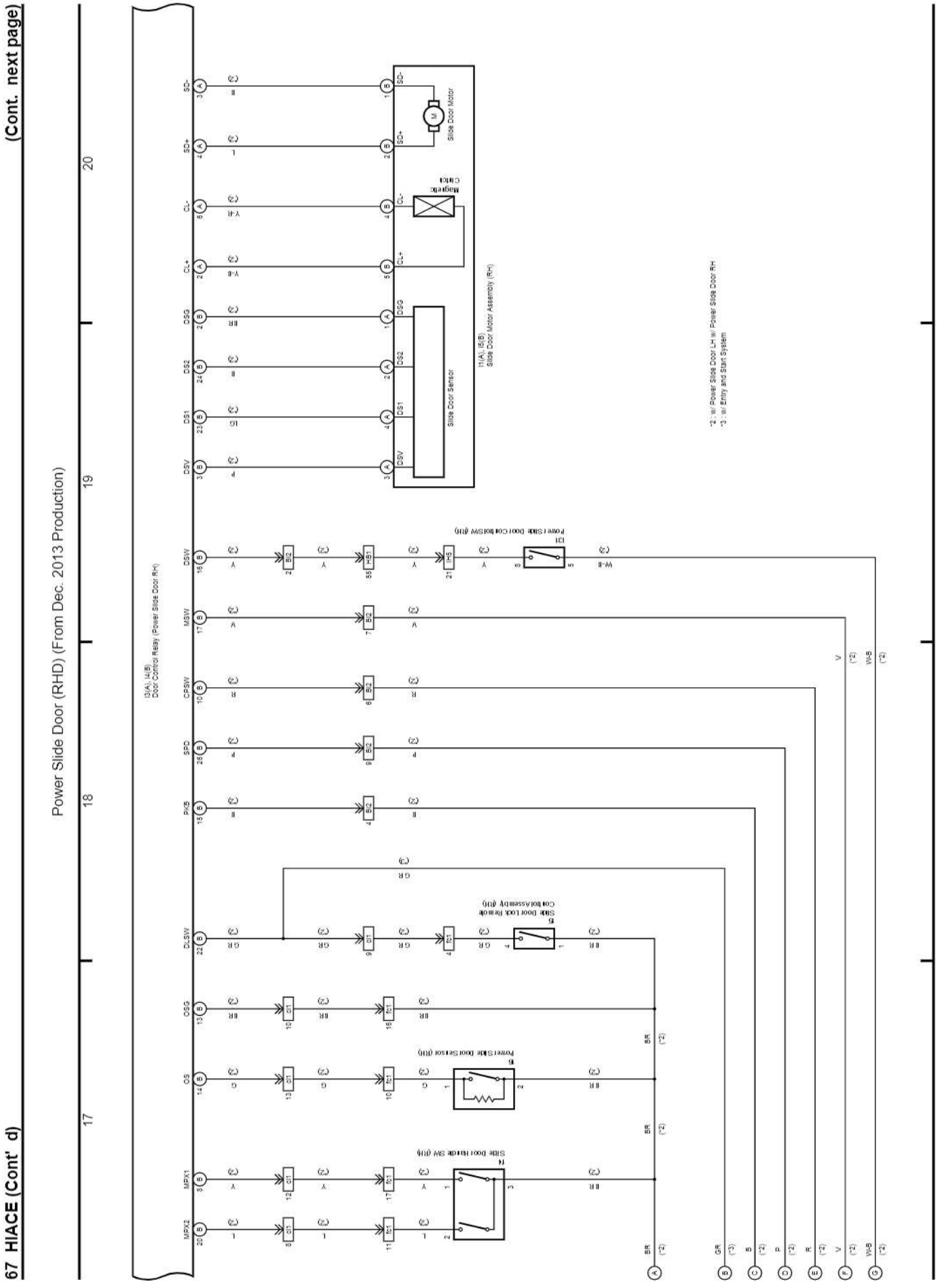
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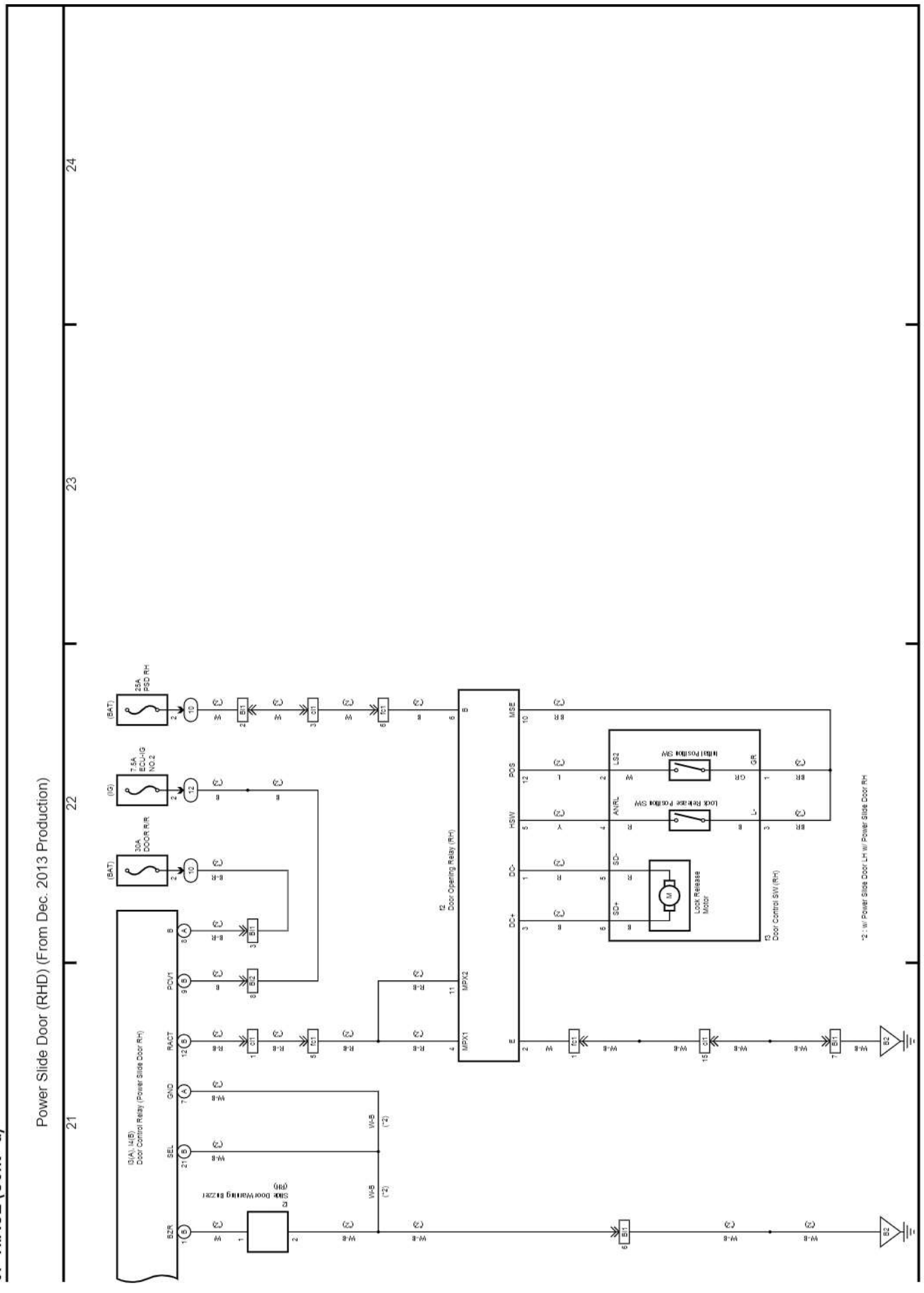
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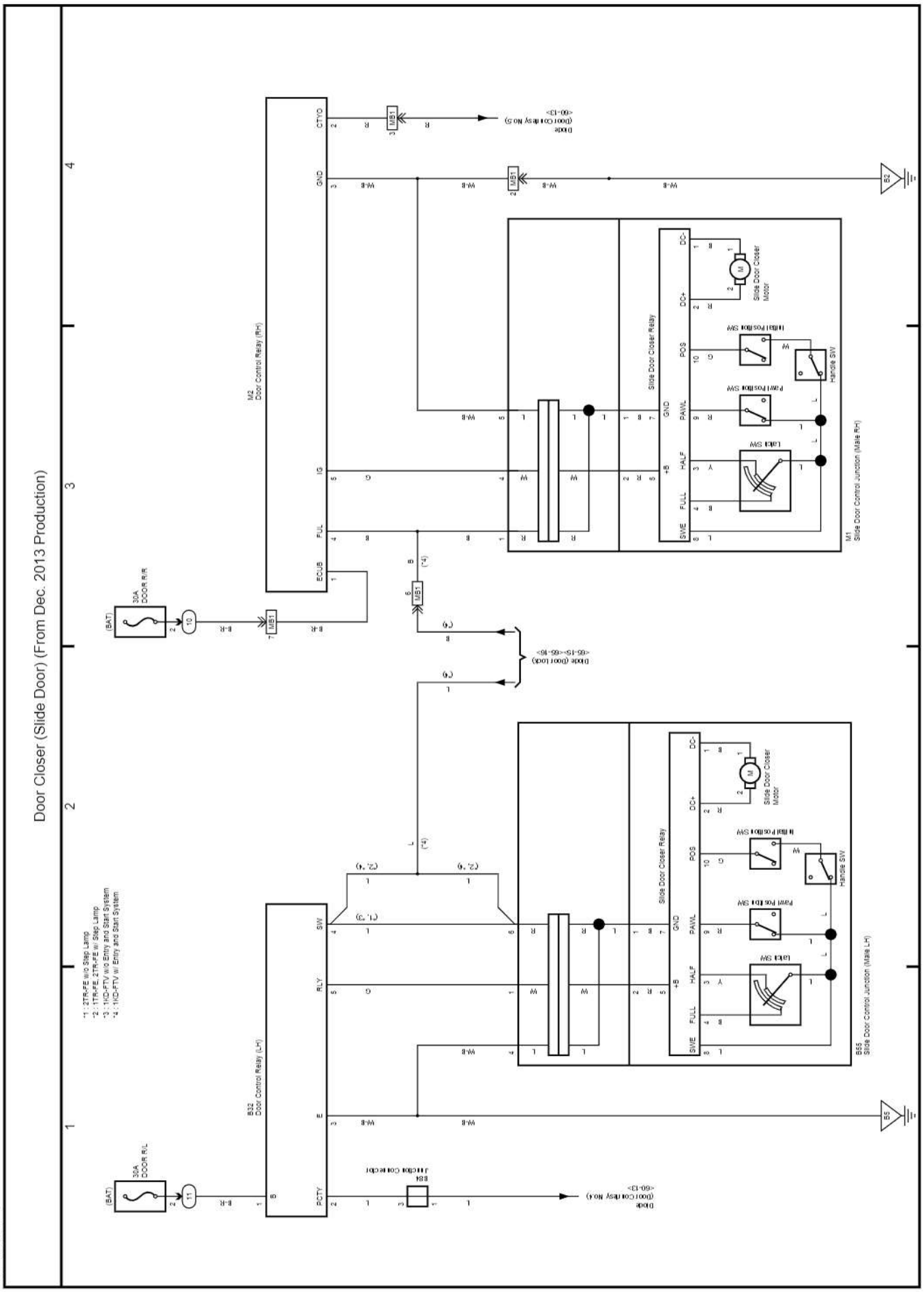


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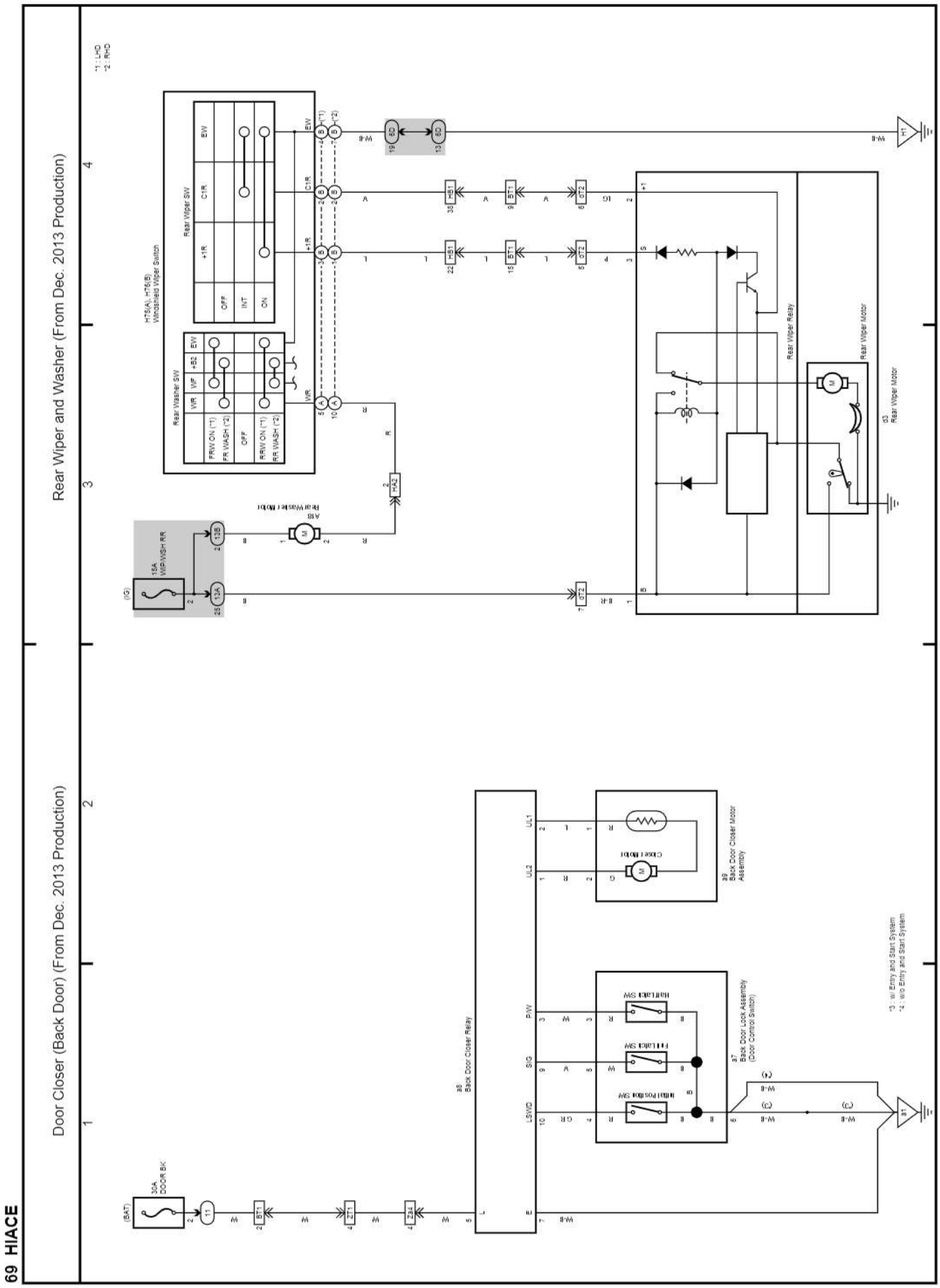
67 HIACE (Cont' d)



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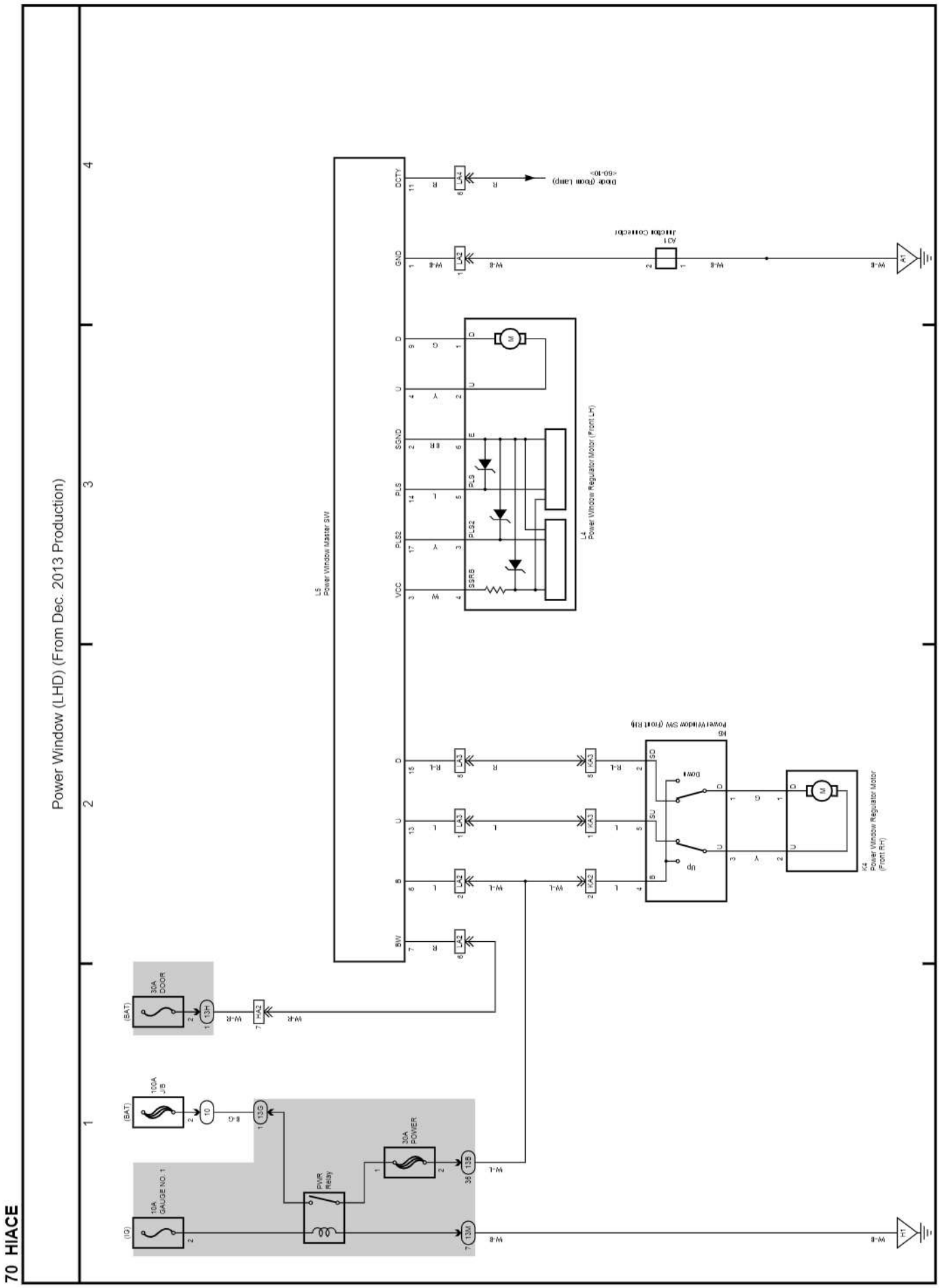


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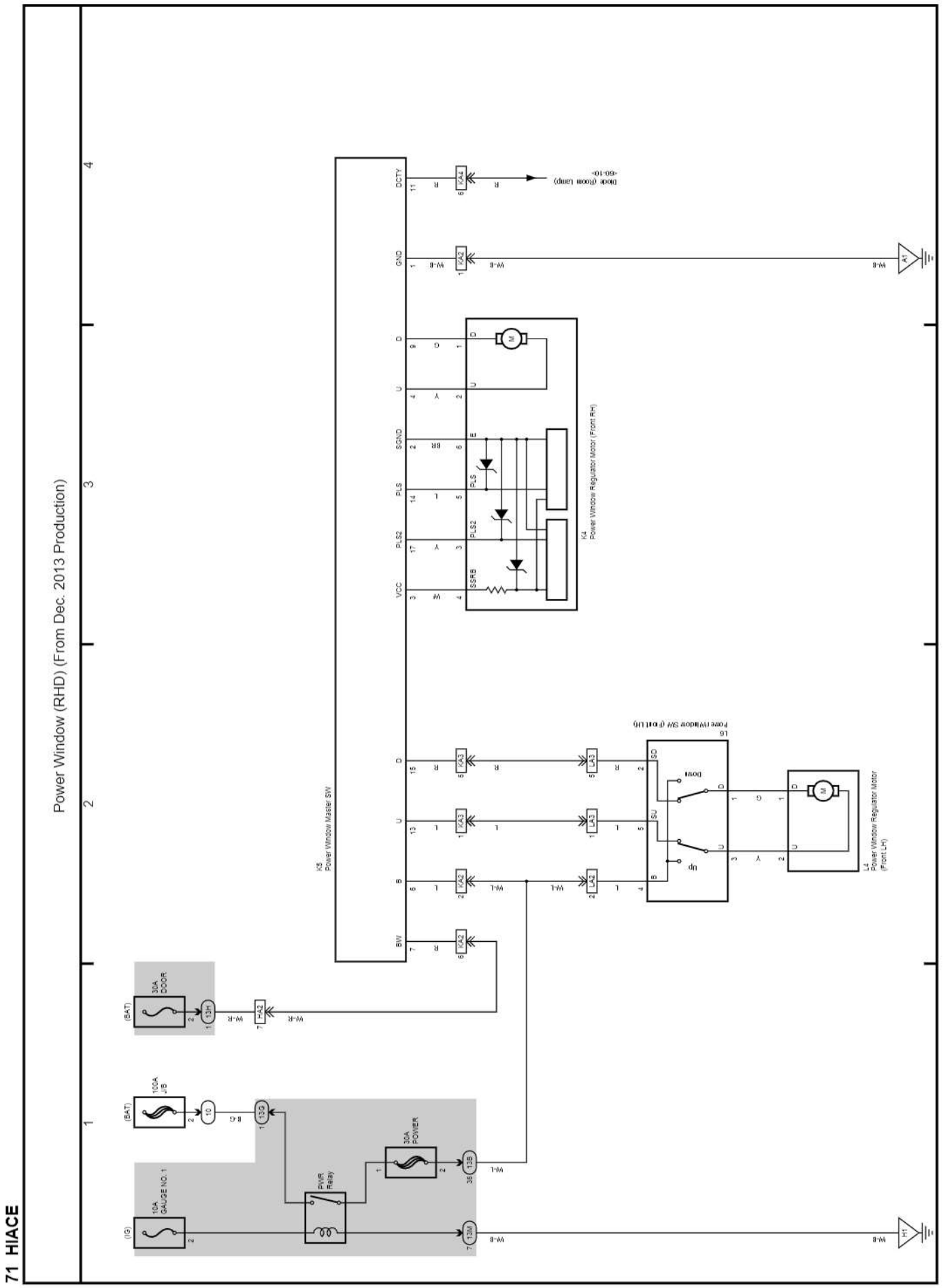


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M OVERALL ELECTRICAL WIRING DIAGRAM

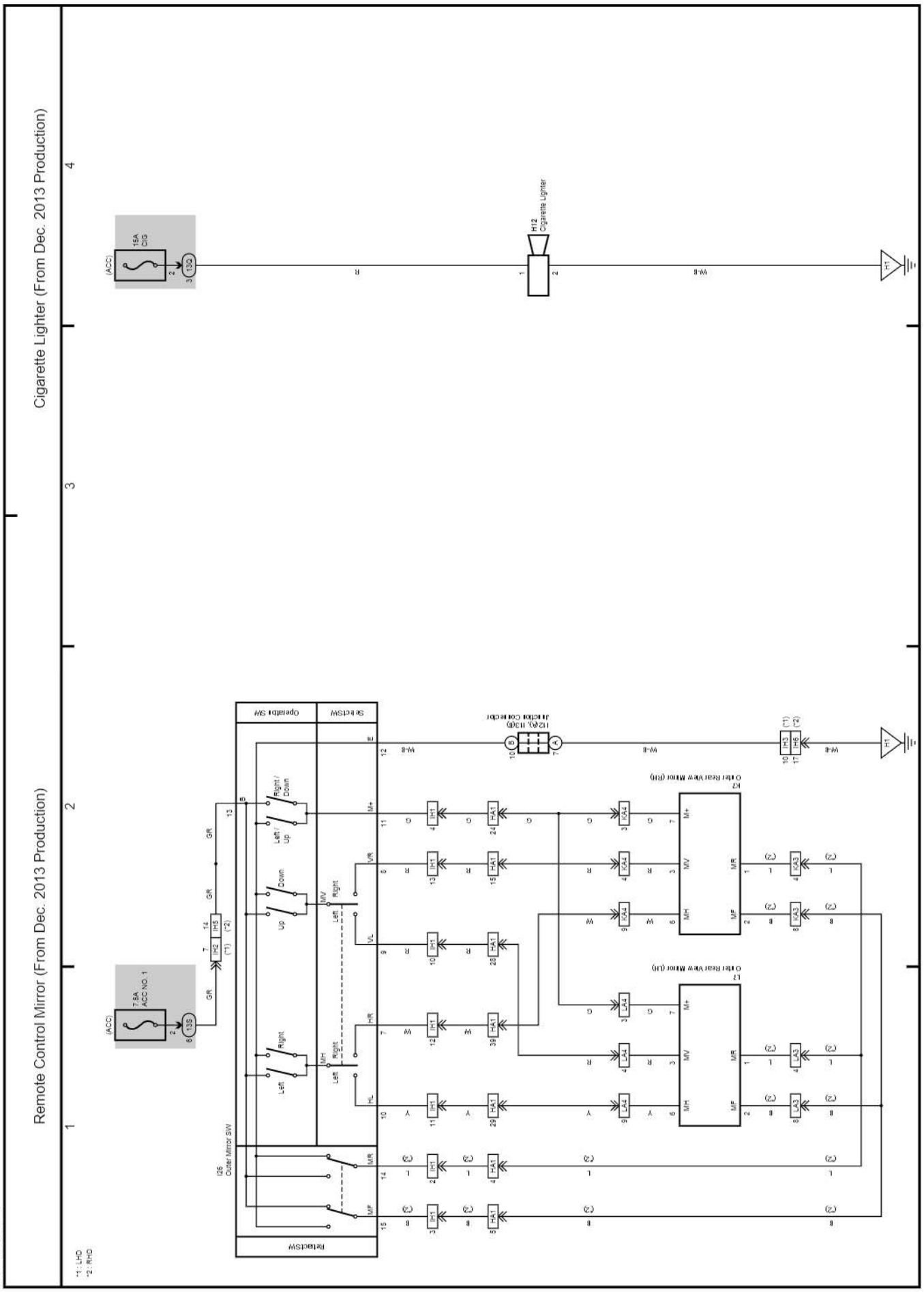


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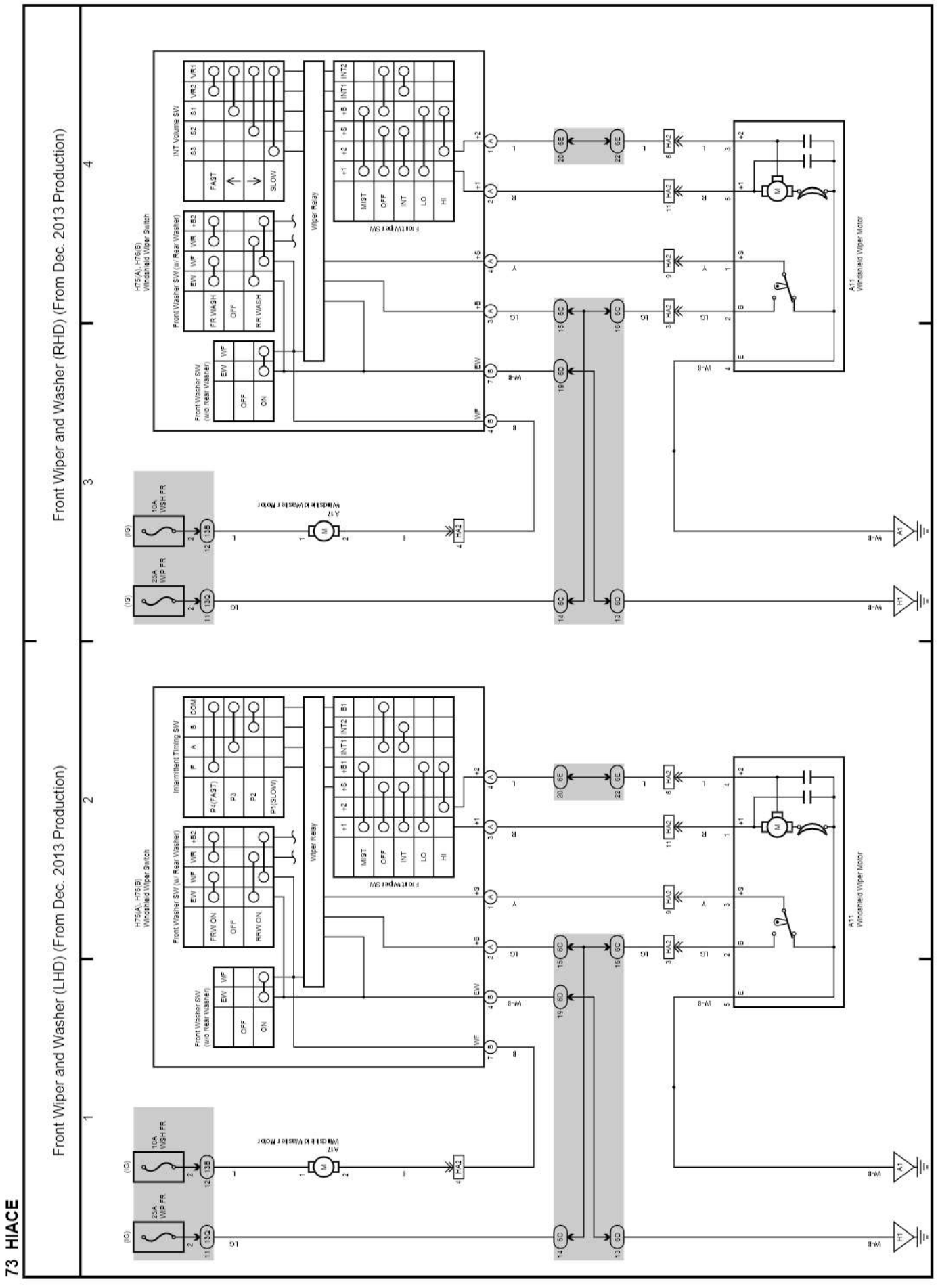


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M OVERALL ELECTRICAL WIRING DIAGRAM

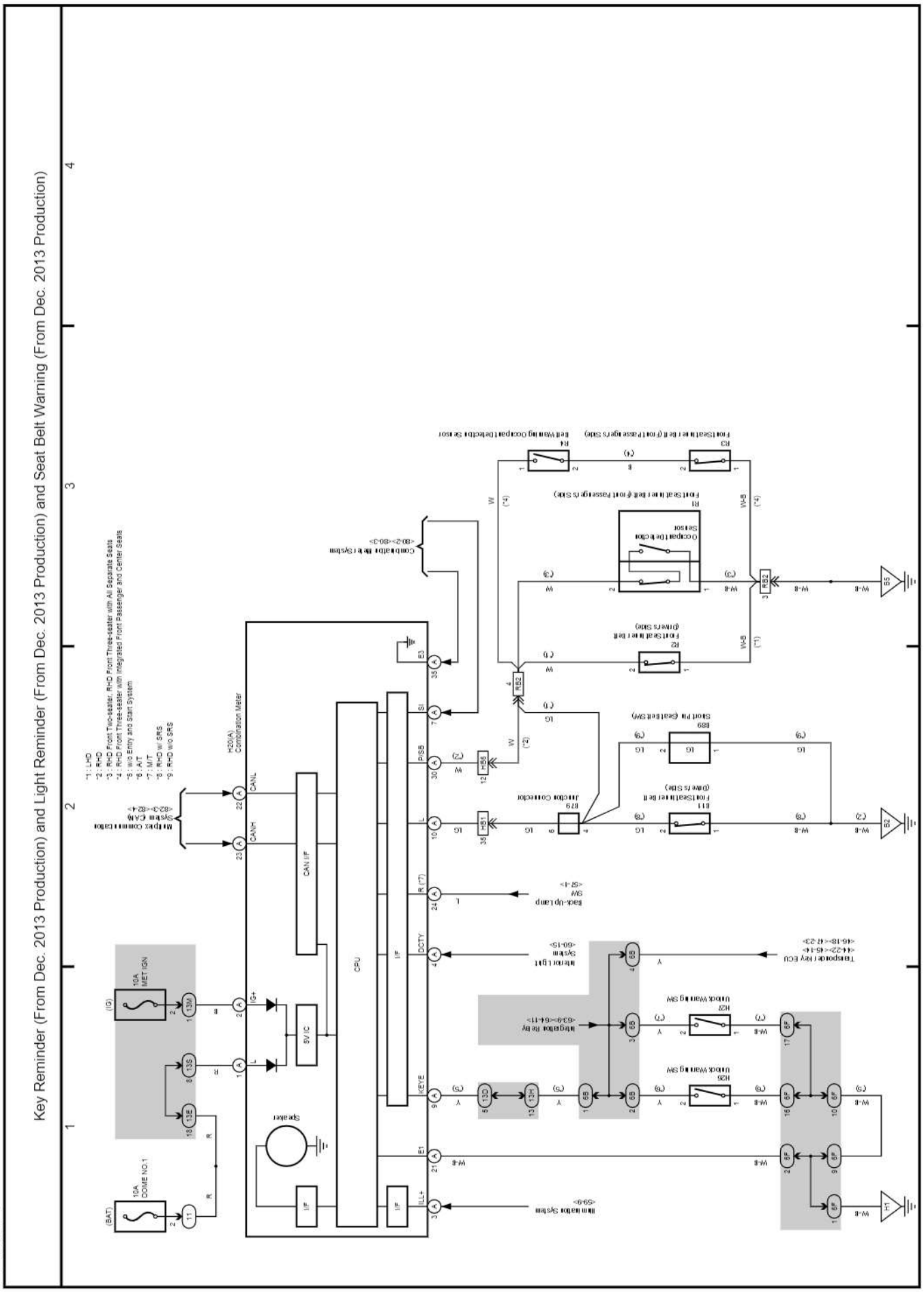


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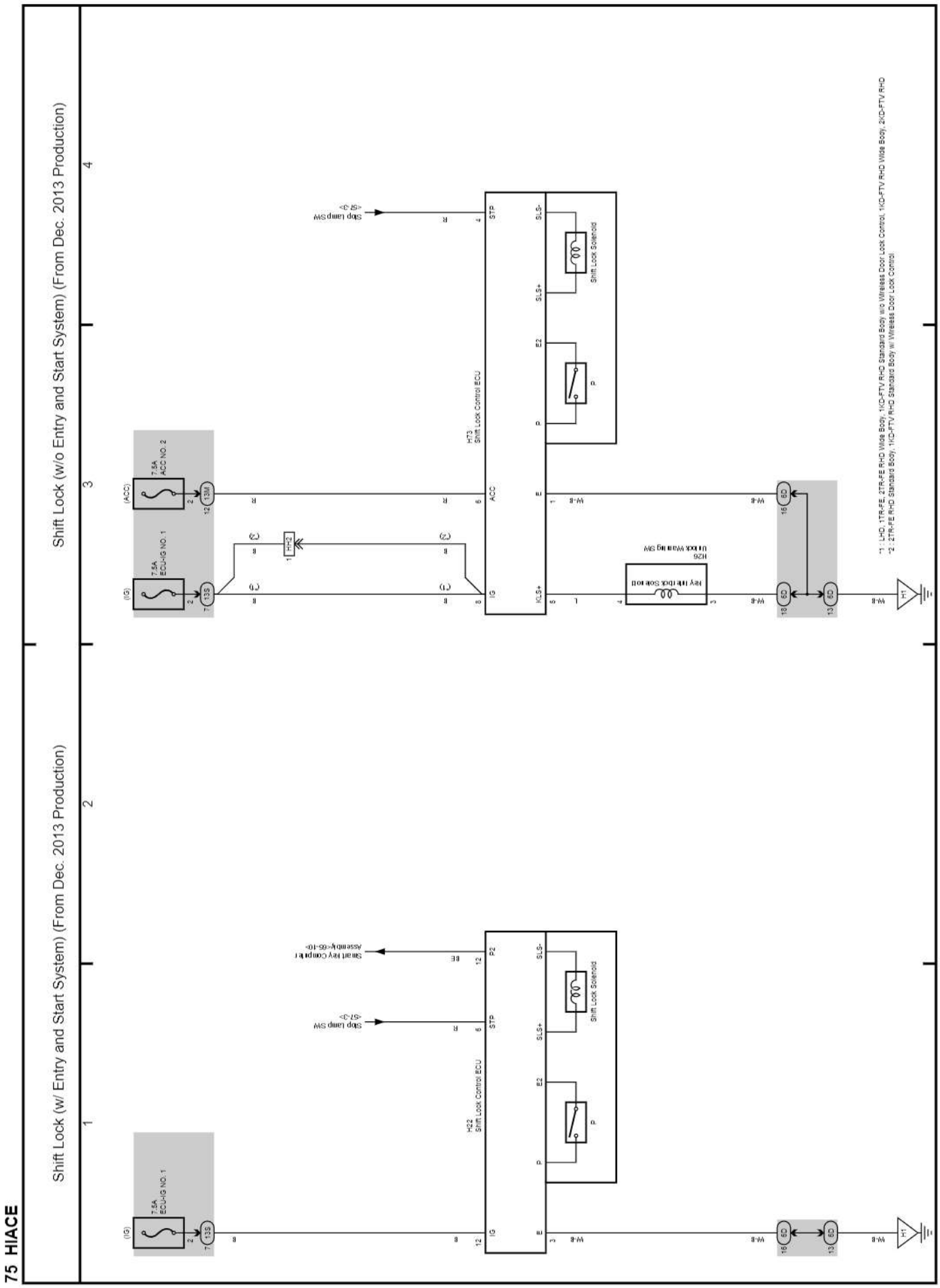


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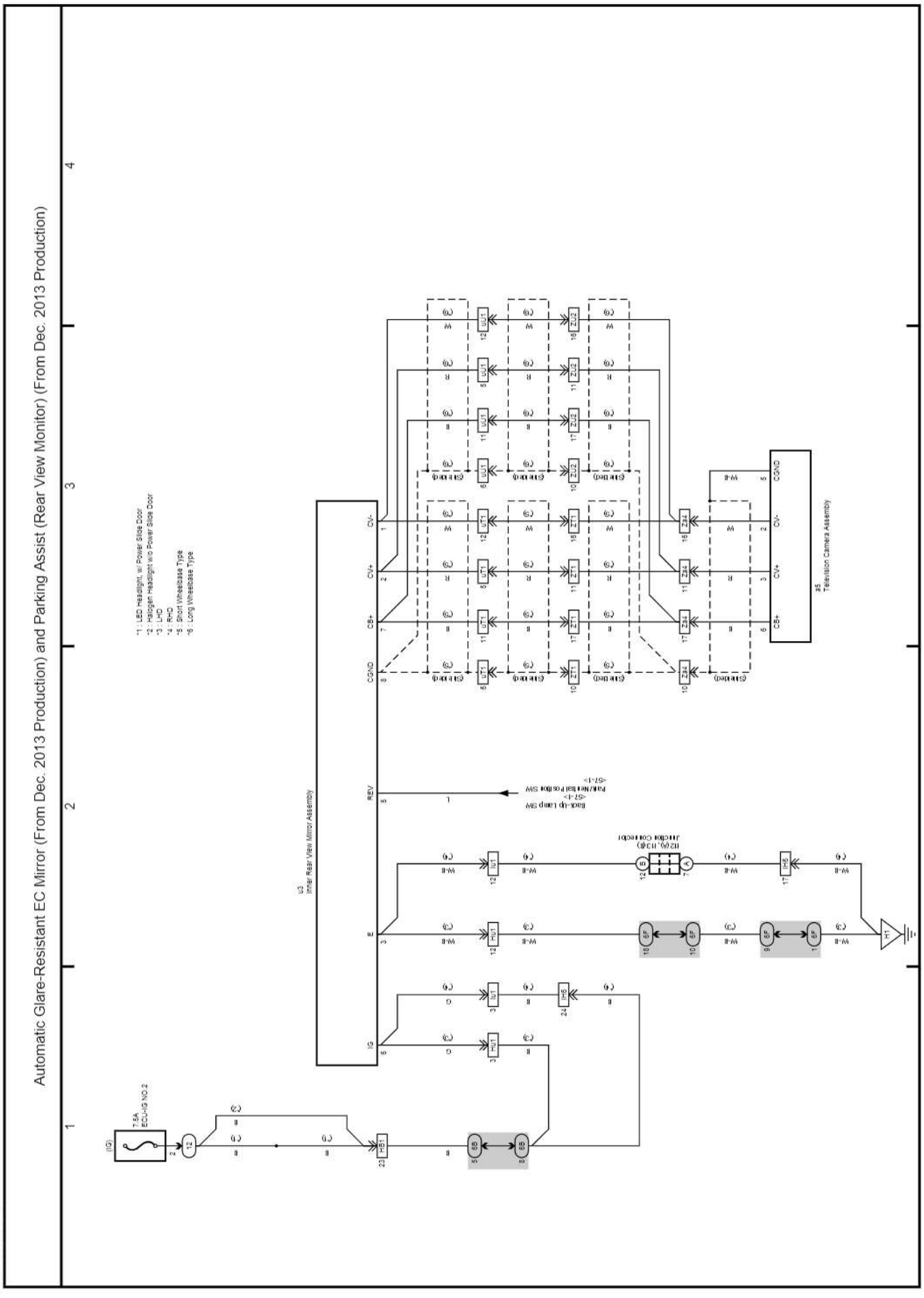
M OVERALL ELECTRICAL WIRING DIAGRAM

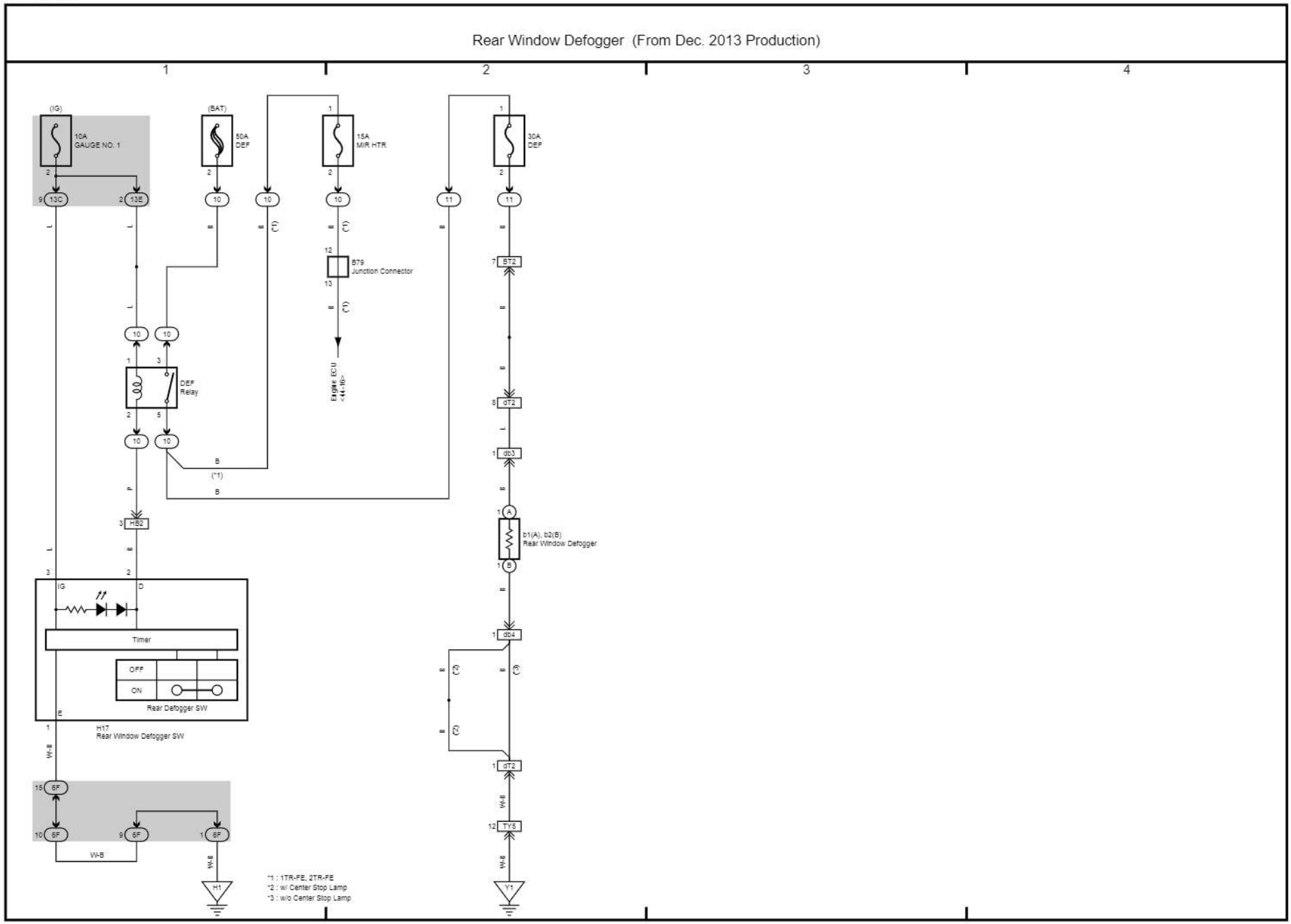


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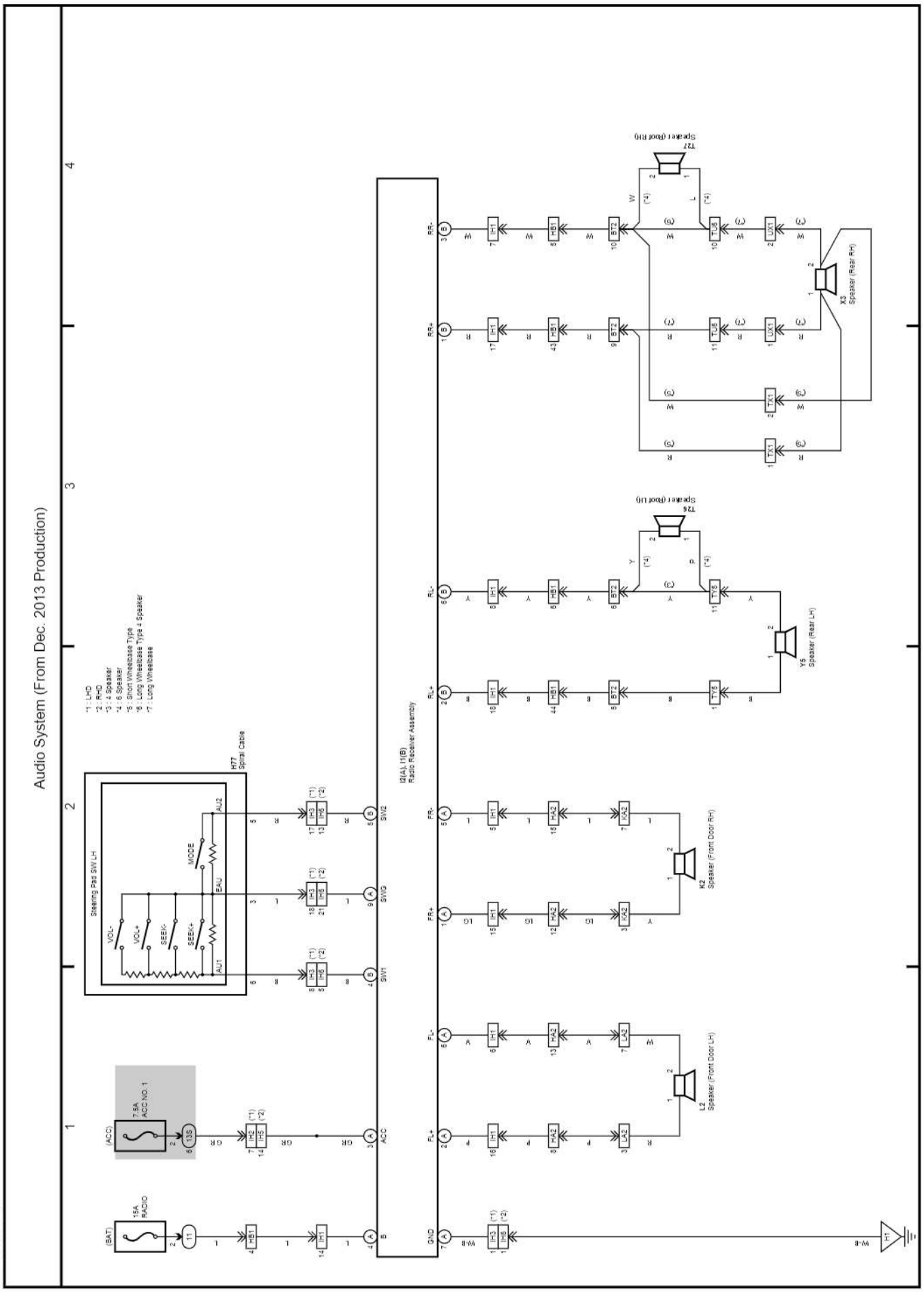




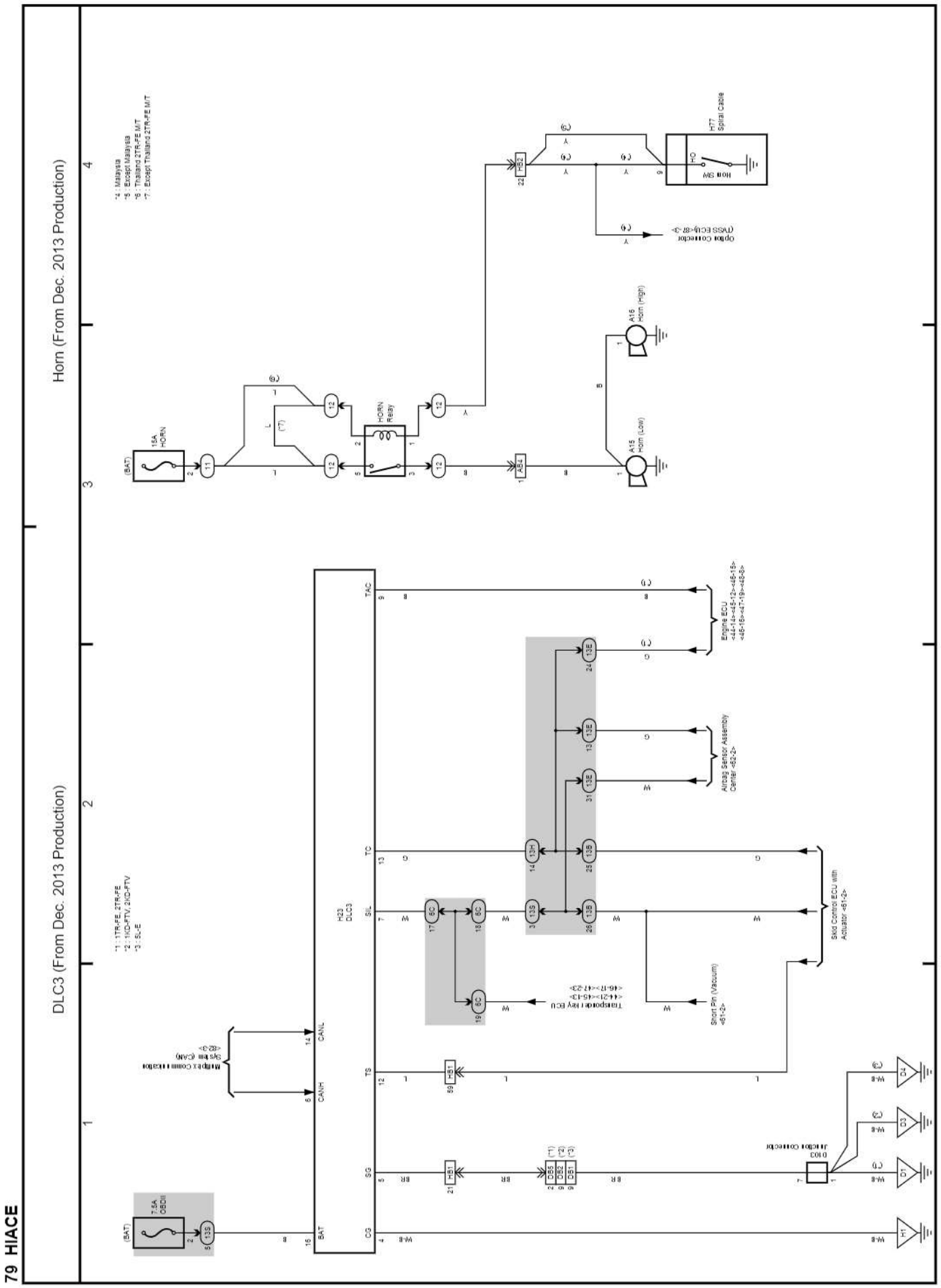
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M OVERALL ELECTRICAL WIRING DIAGRAM

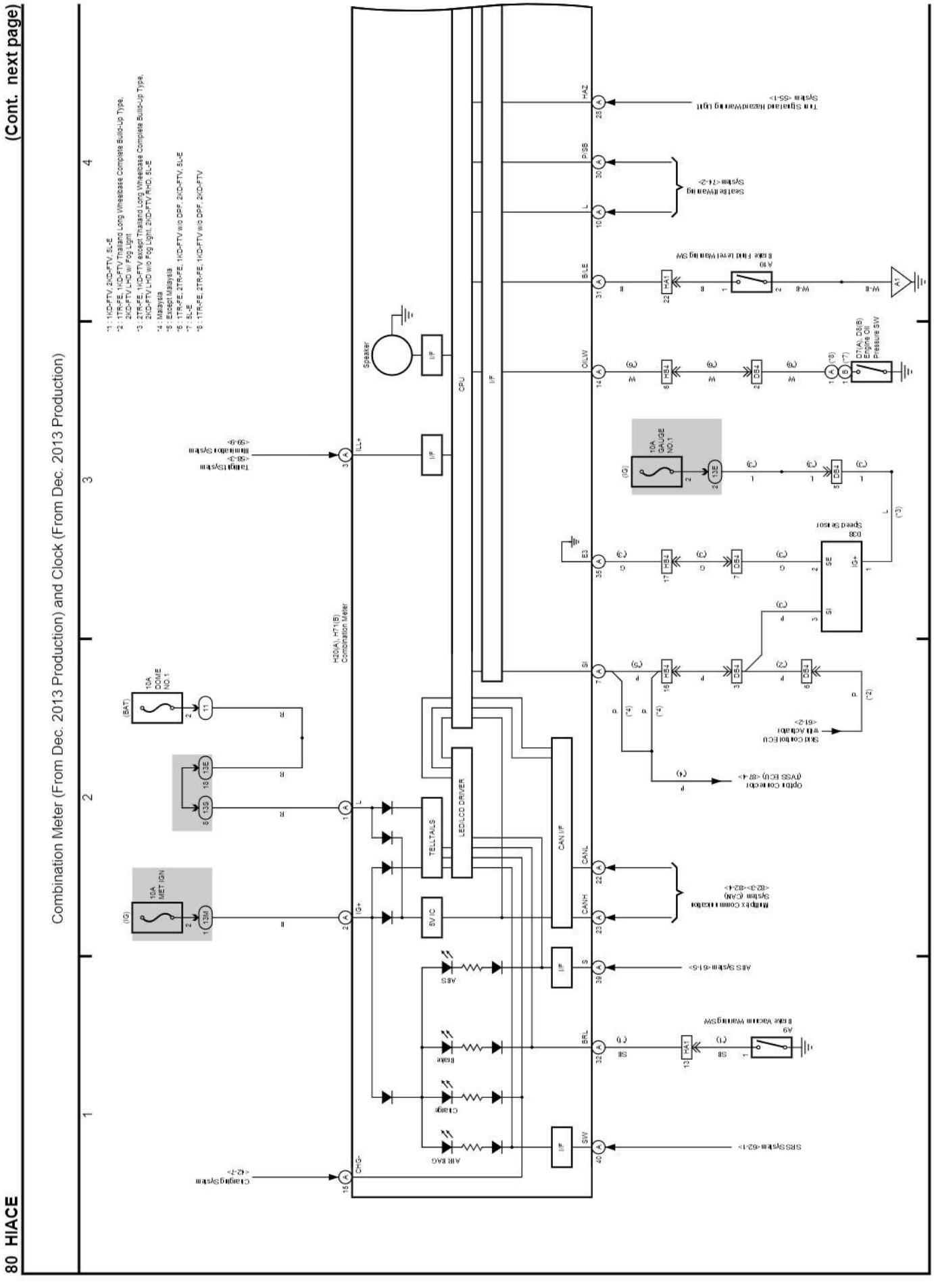


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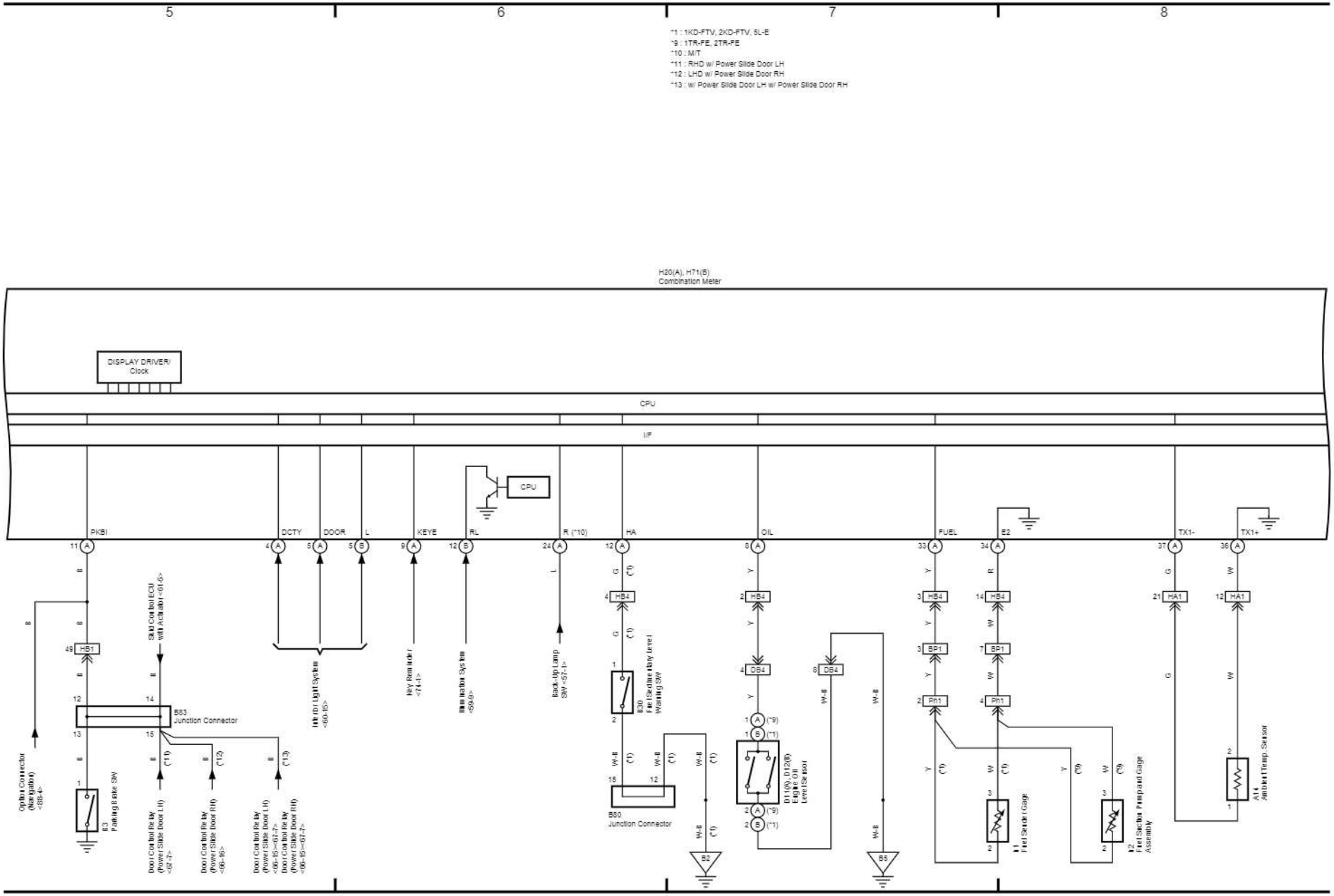
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M OVERALL ELECTRICAL WIRING DIAGRAM



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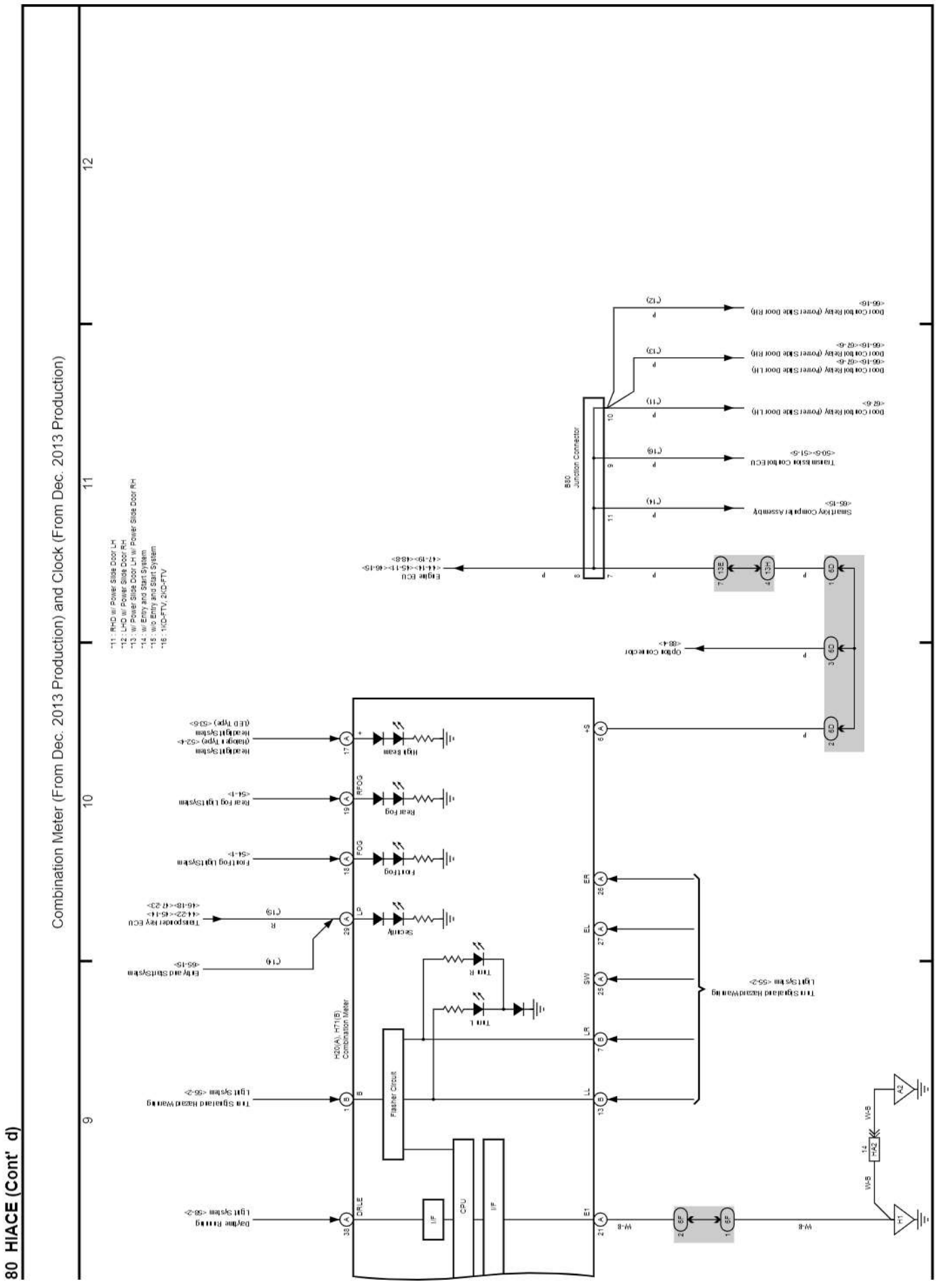
Combination Meter (From Dec. 2013 Production) and Clock (From Dec. 2013 Production)

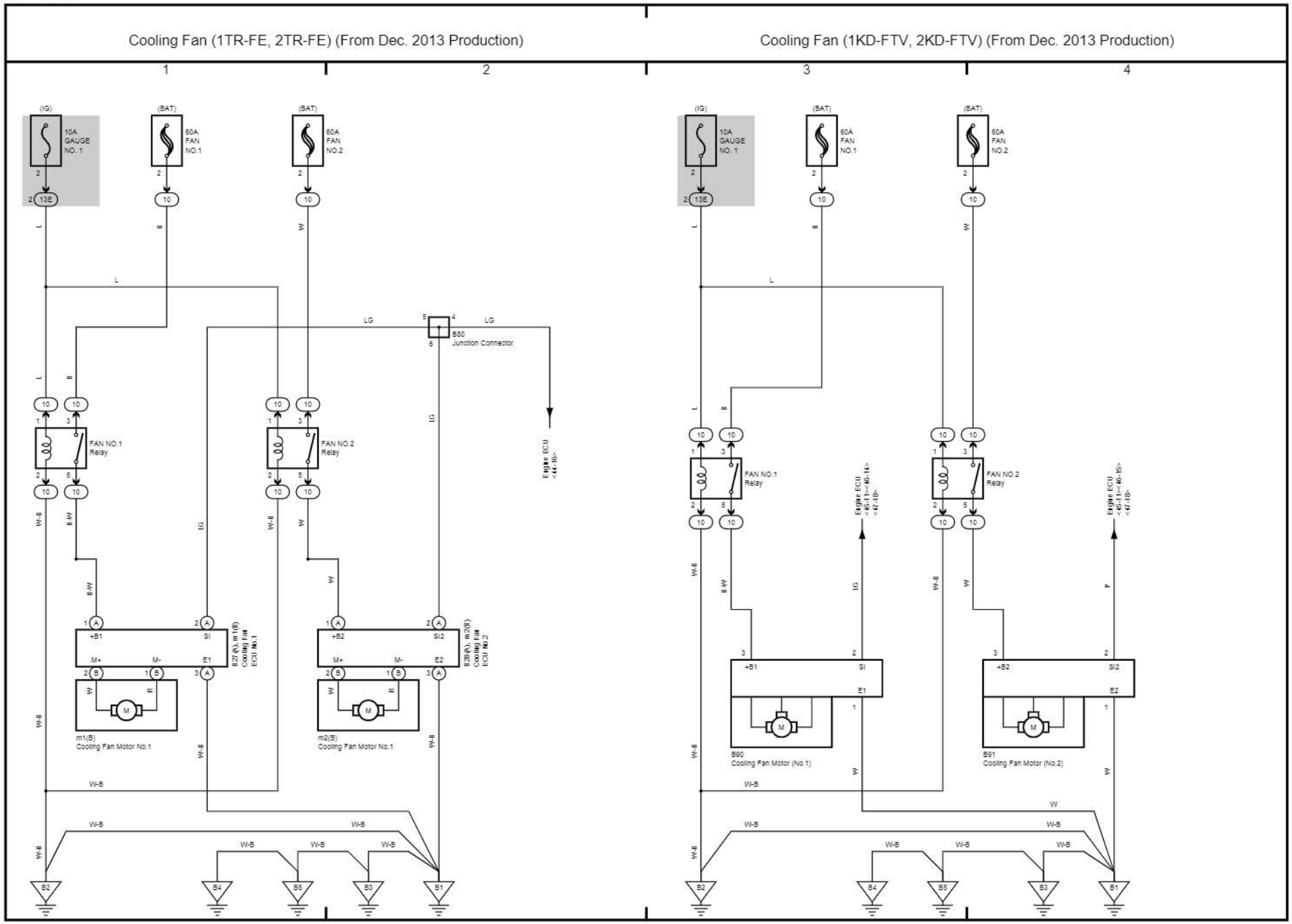


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M OVERALL ELECTRICAL WIRING DIAGRAM

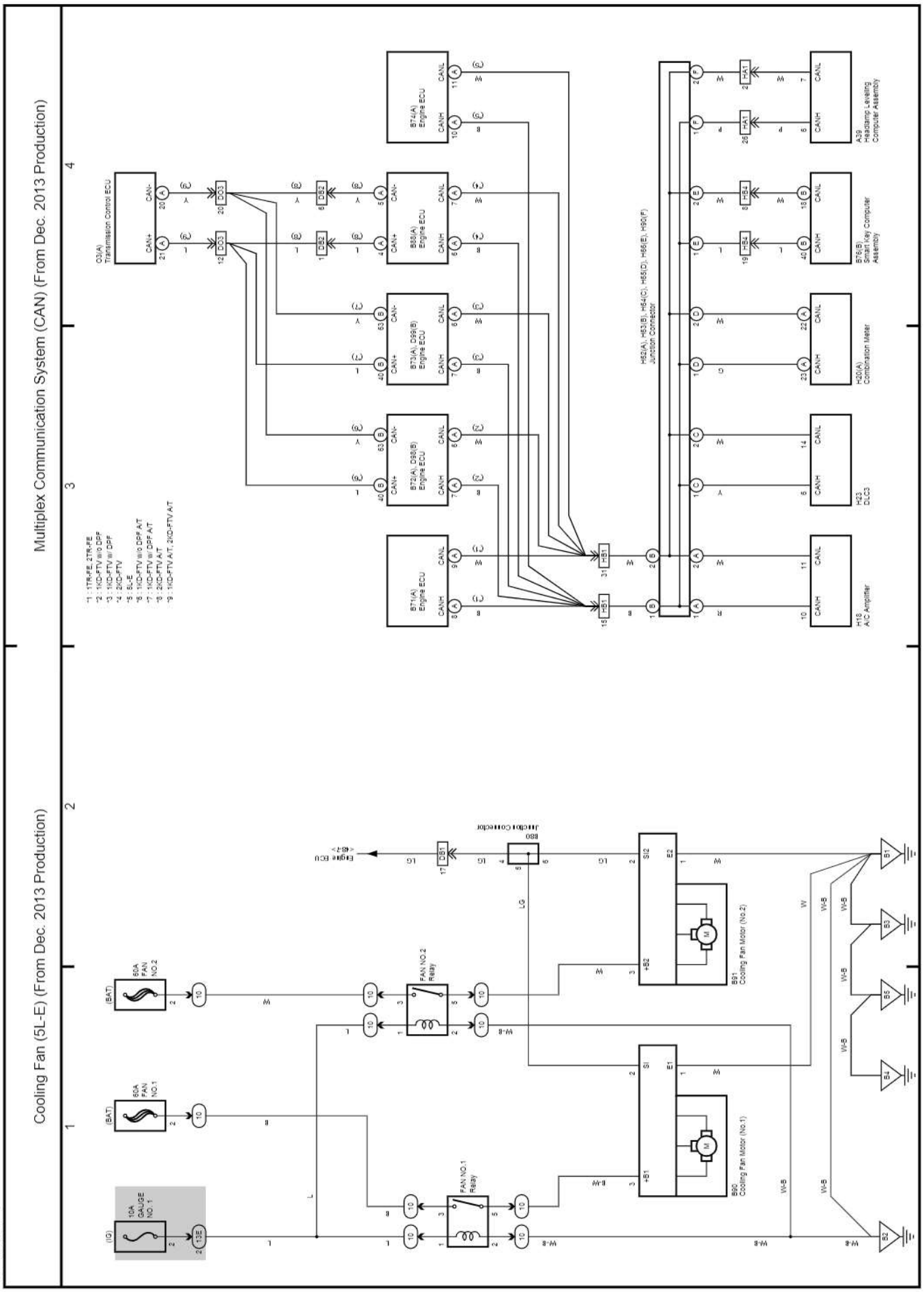




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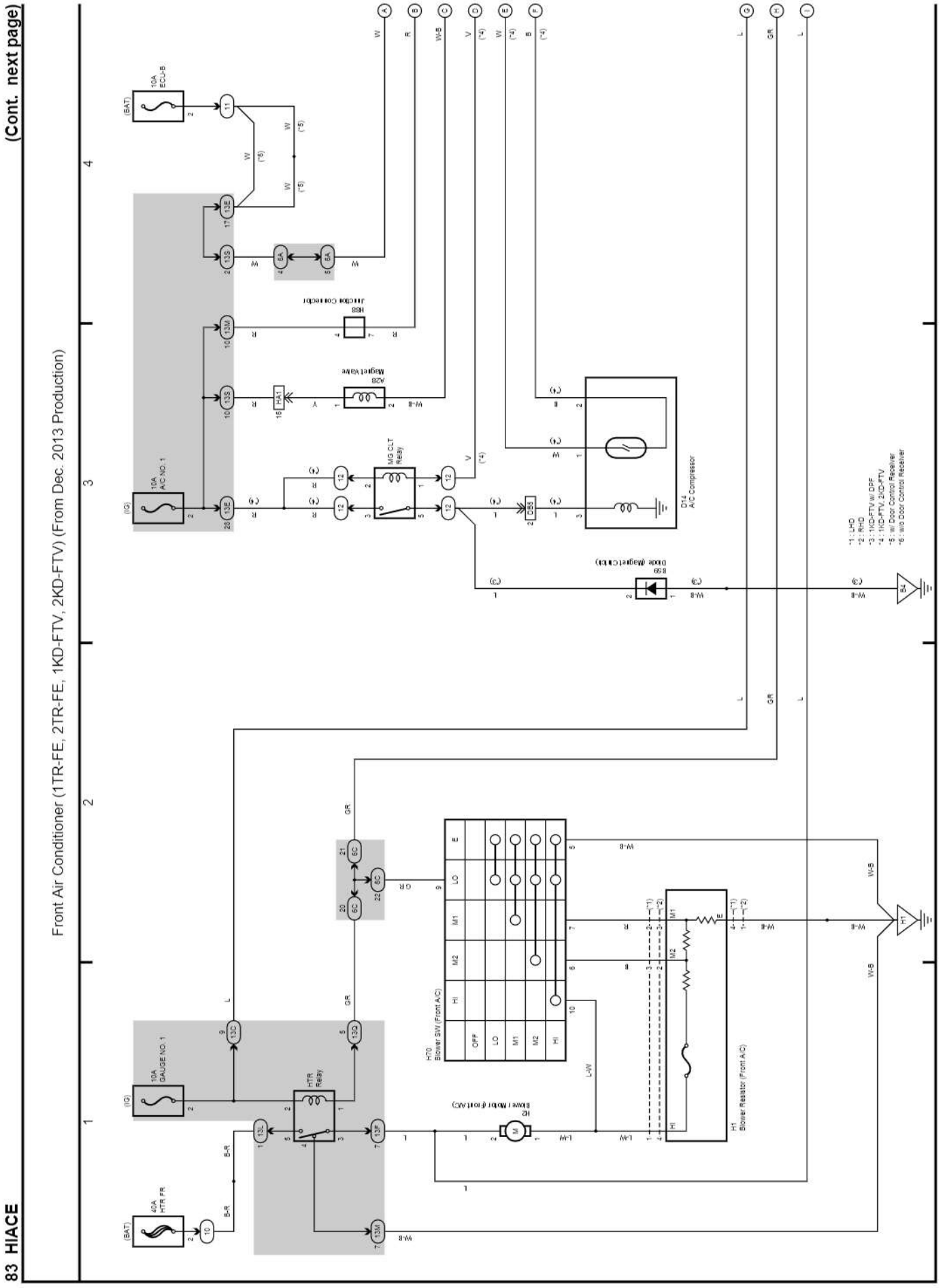
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M OVERALL ELECTRICAL WIRING DIAGRAM



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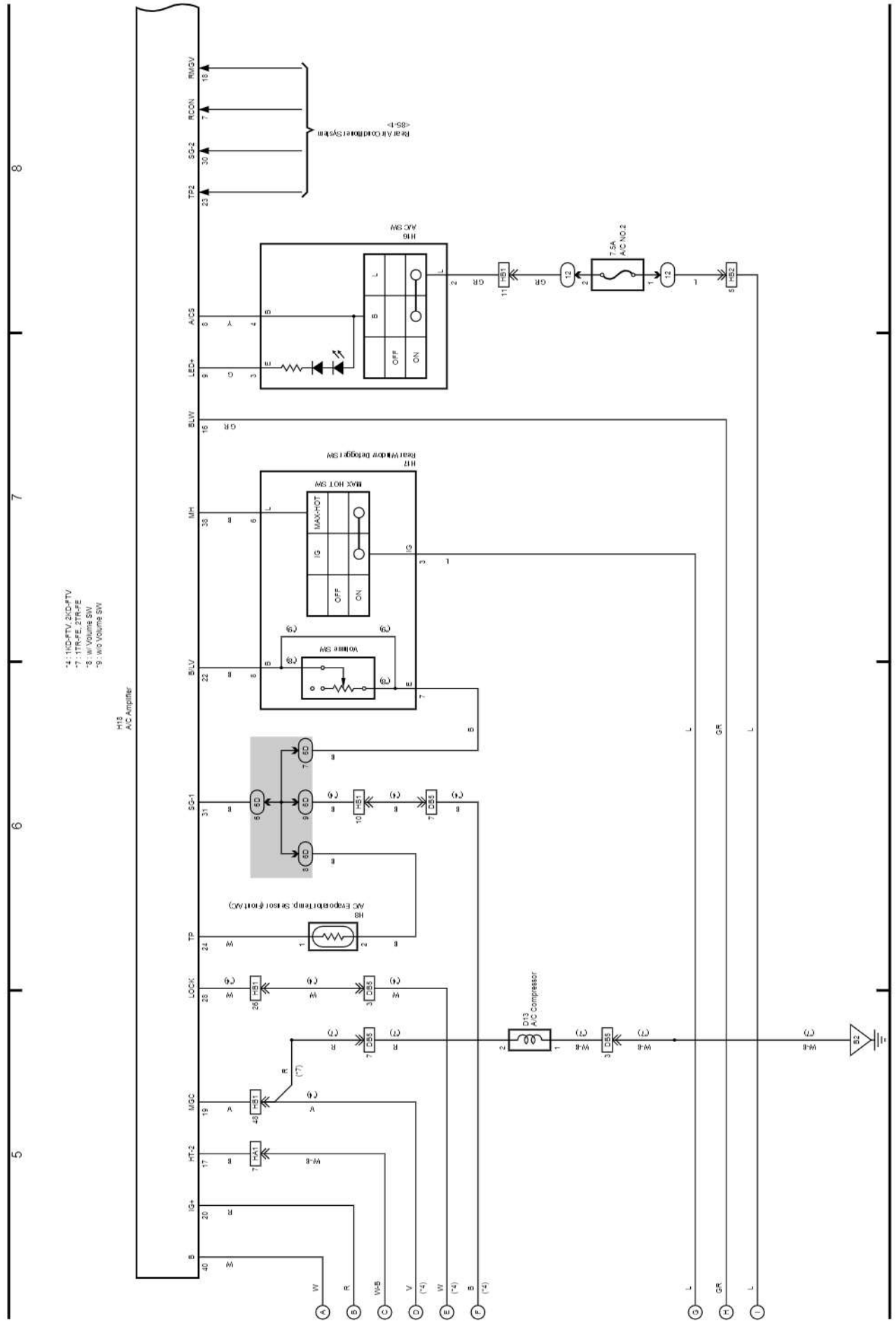


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83 HIACE (Cont' d)

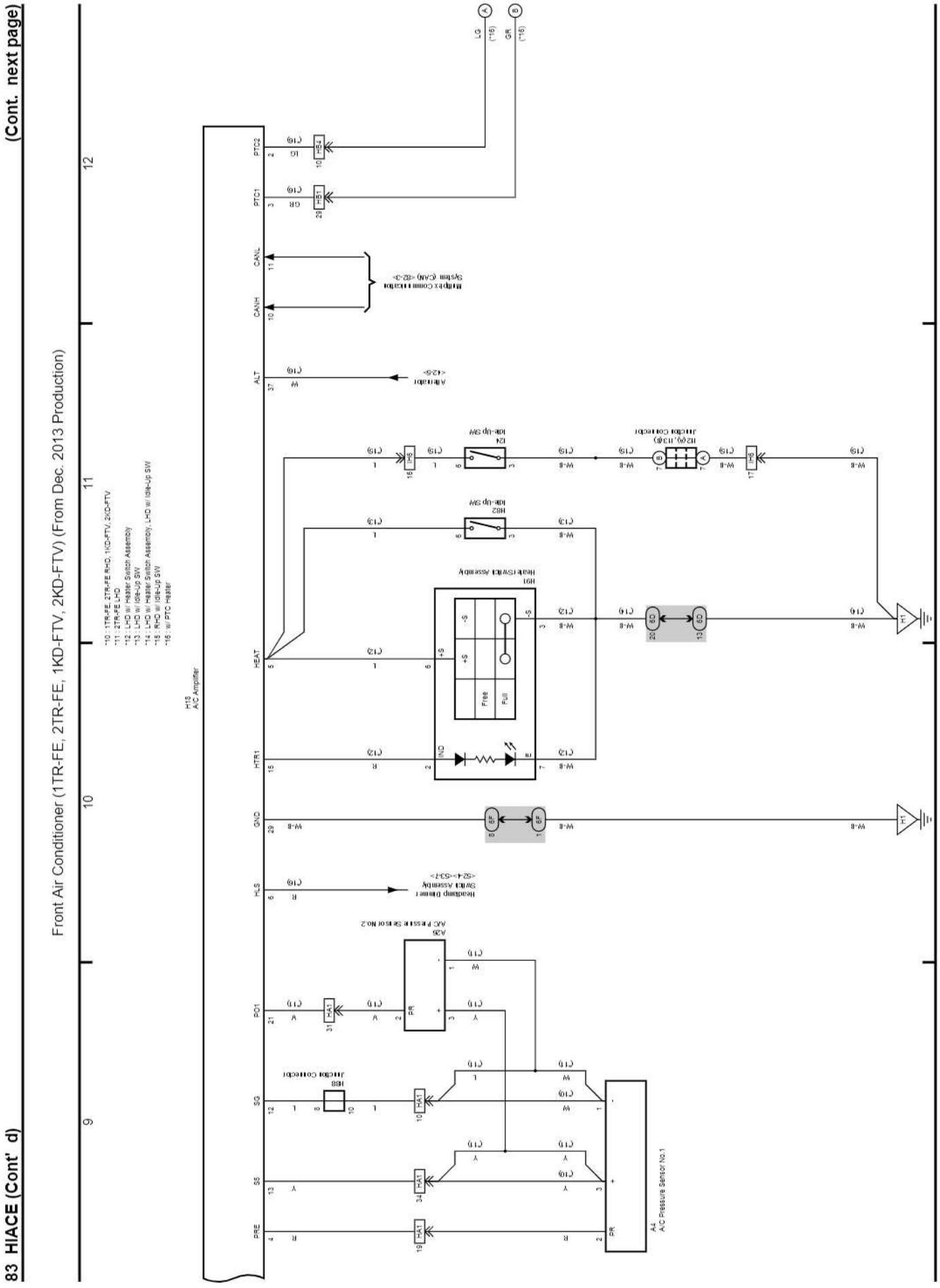
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Front Air Conditioner (1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV) (From Dec. 2013 Production)

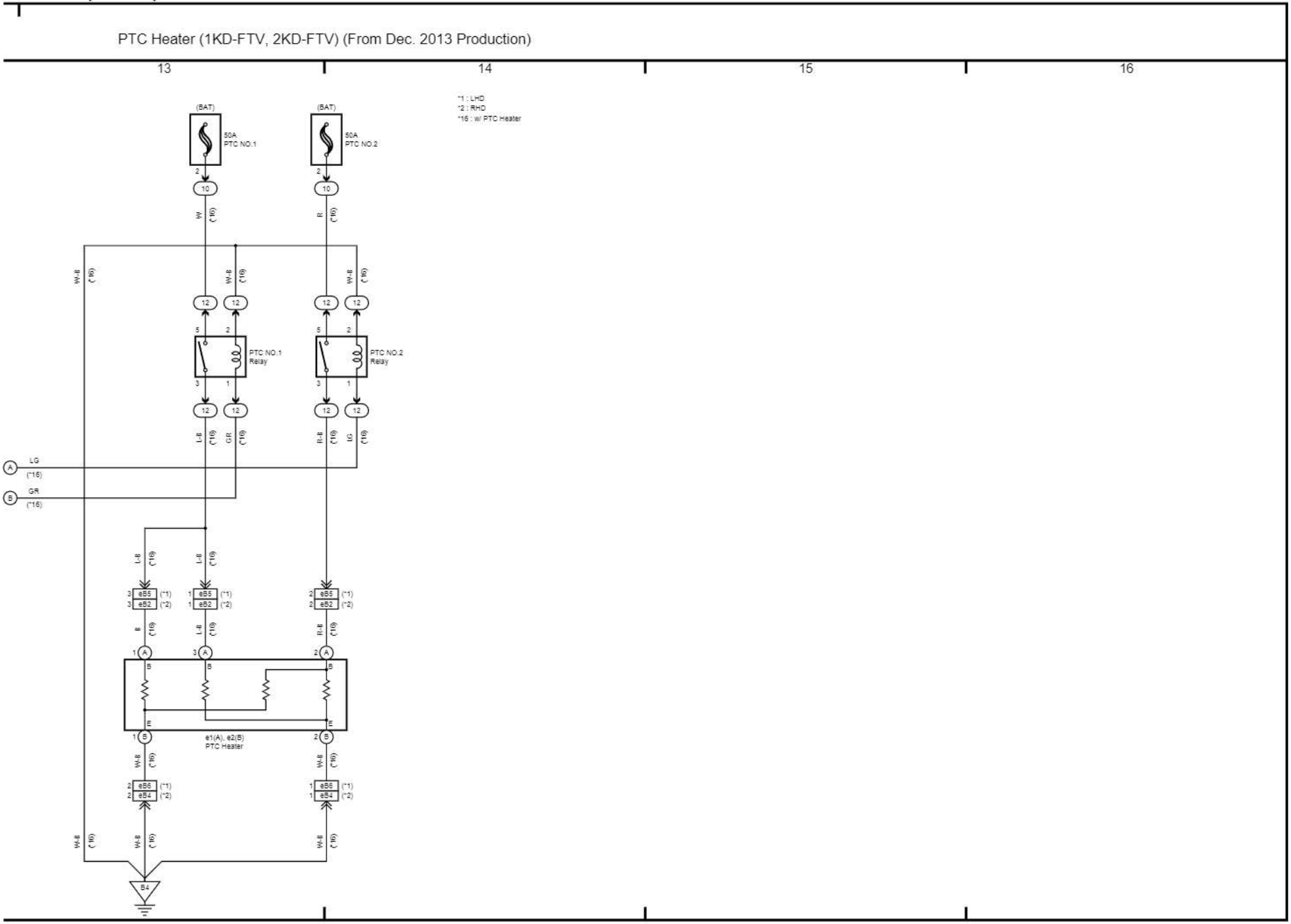


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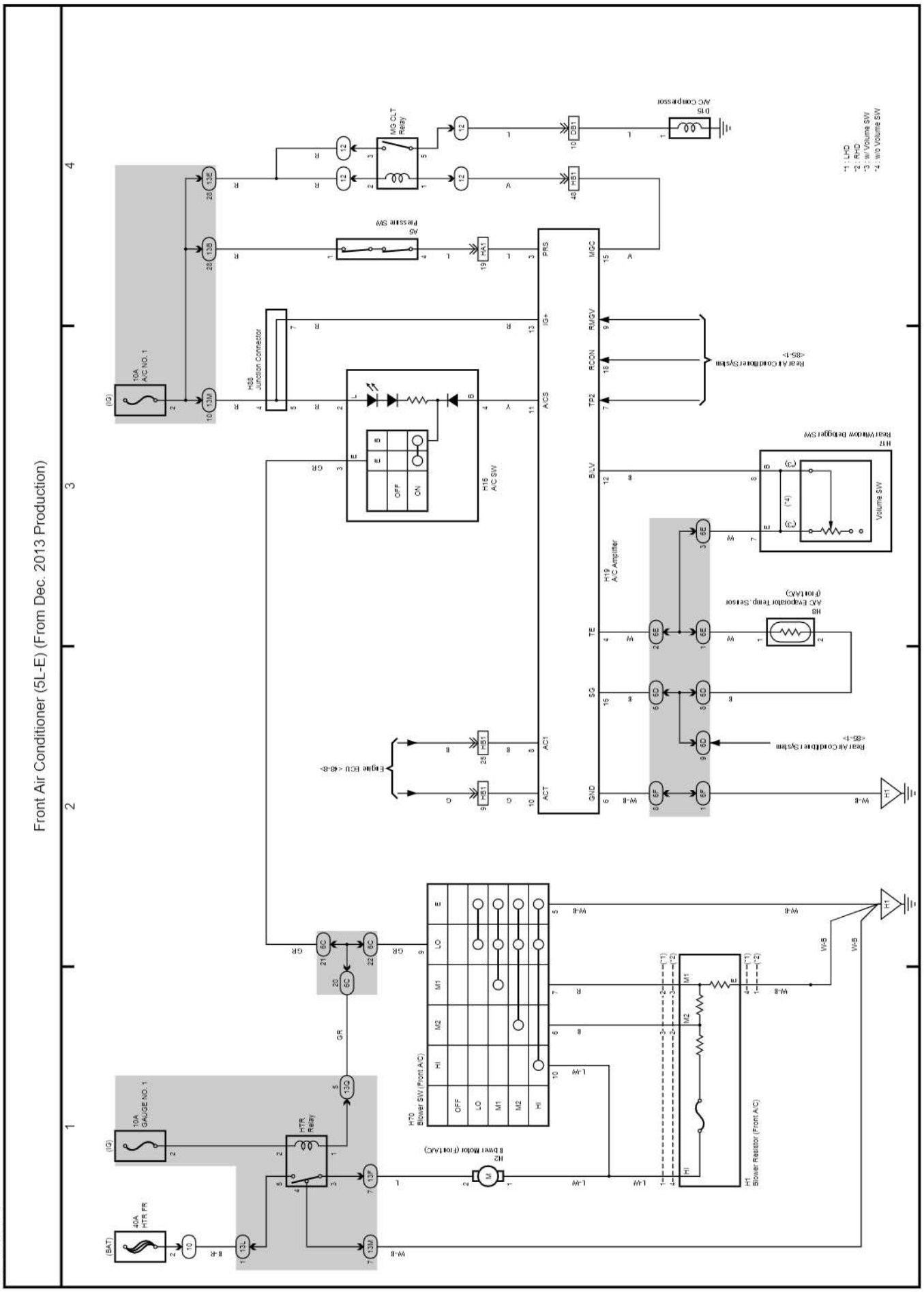
PTC Heater (1KD-FTV, 2KD-FTV) (From Dec. 2013 Production)



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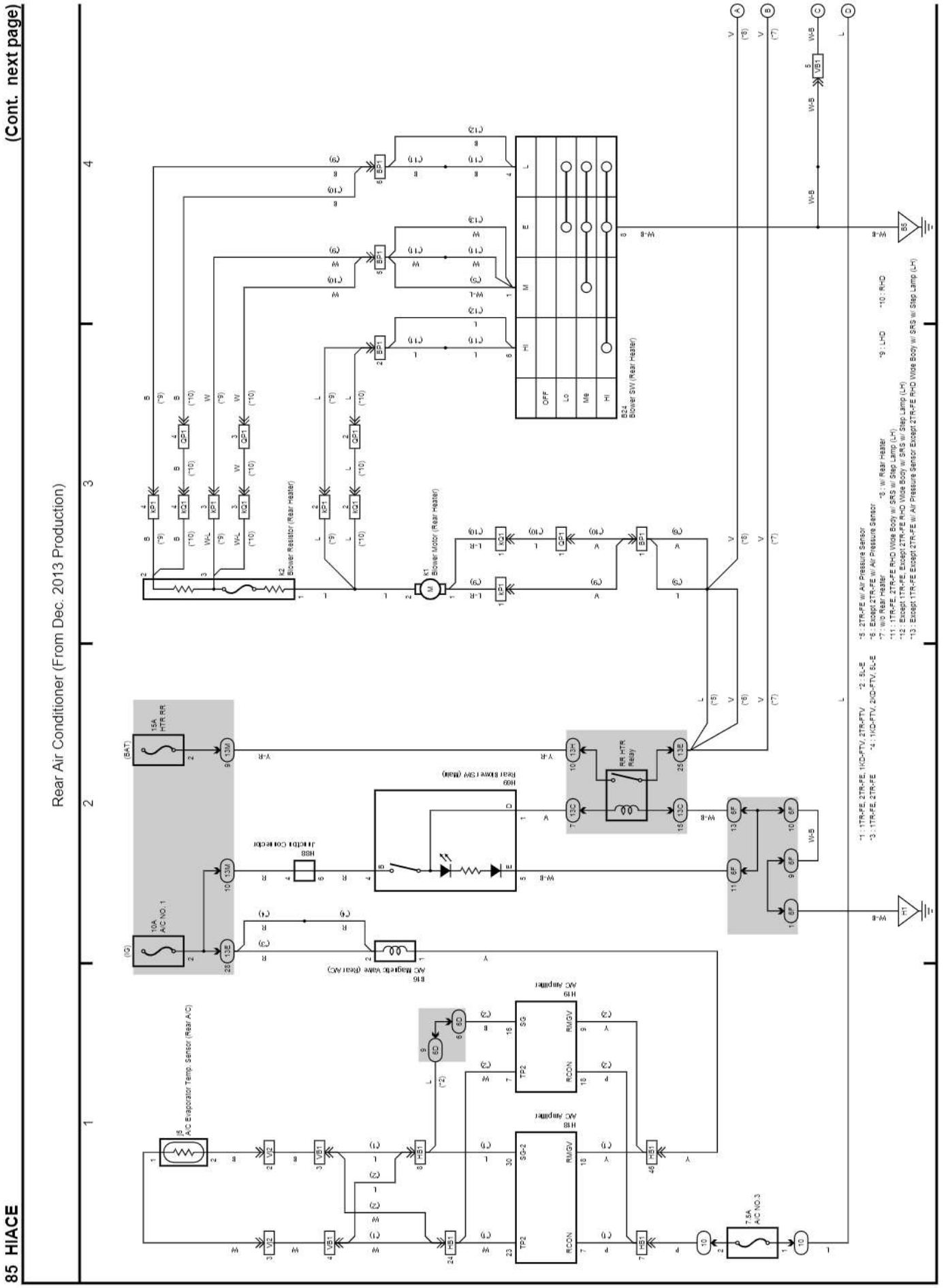
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M OVERALL ELECTRICAL WIRING DIAGRAM



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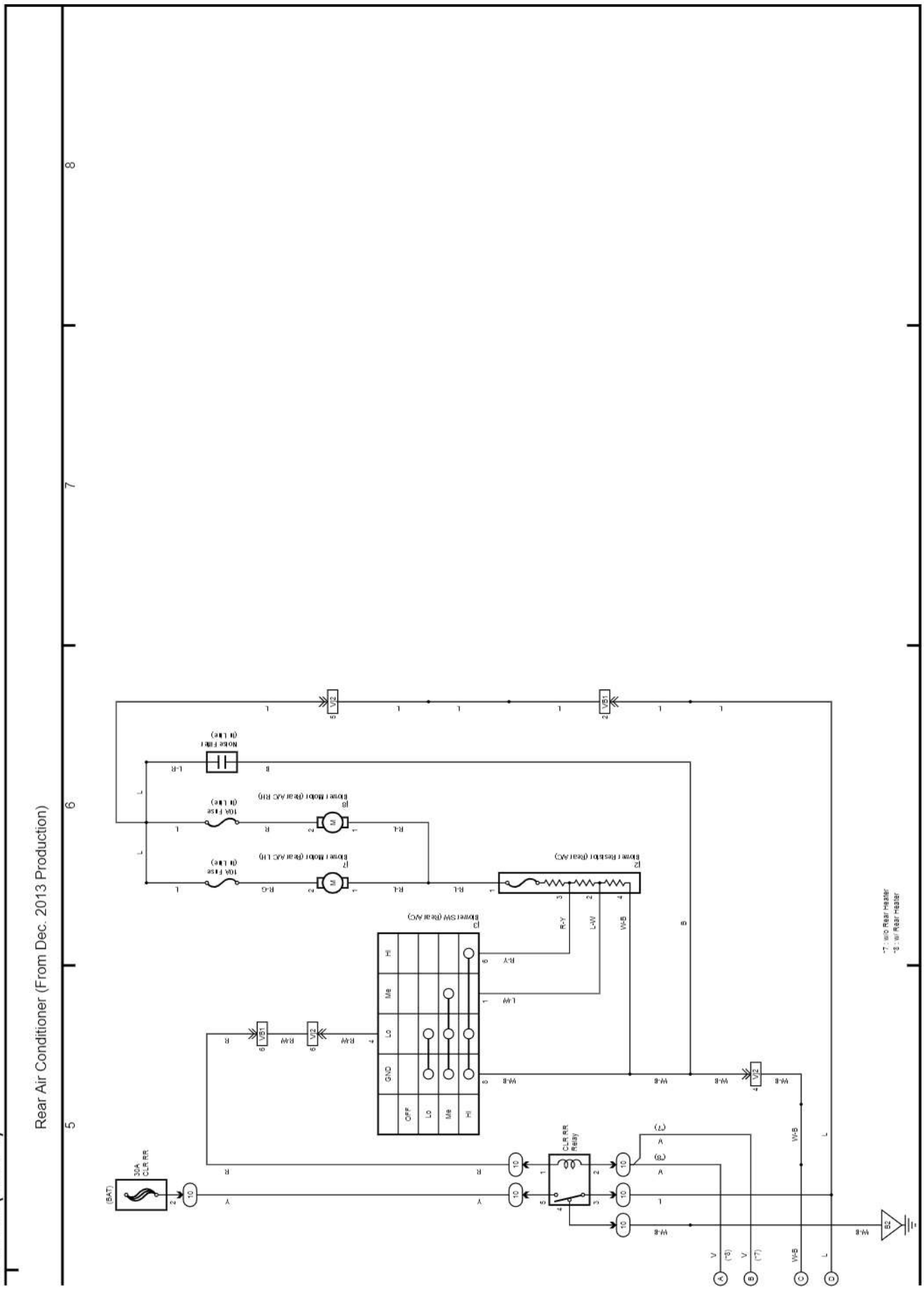
M OVERALL ELECTRICAL WIRING DIAGRAM



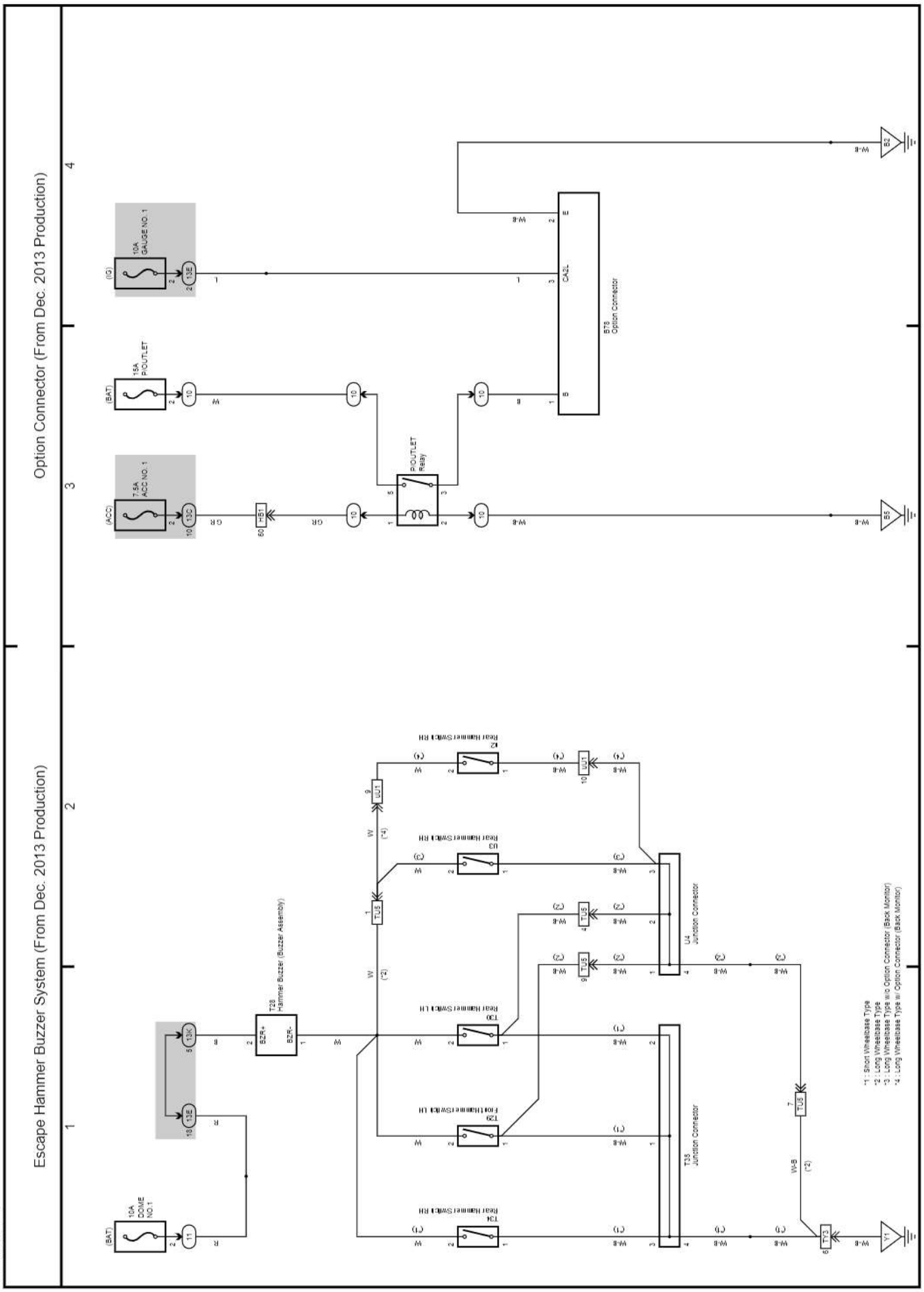
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85 HIACE (Cont' d)

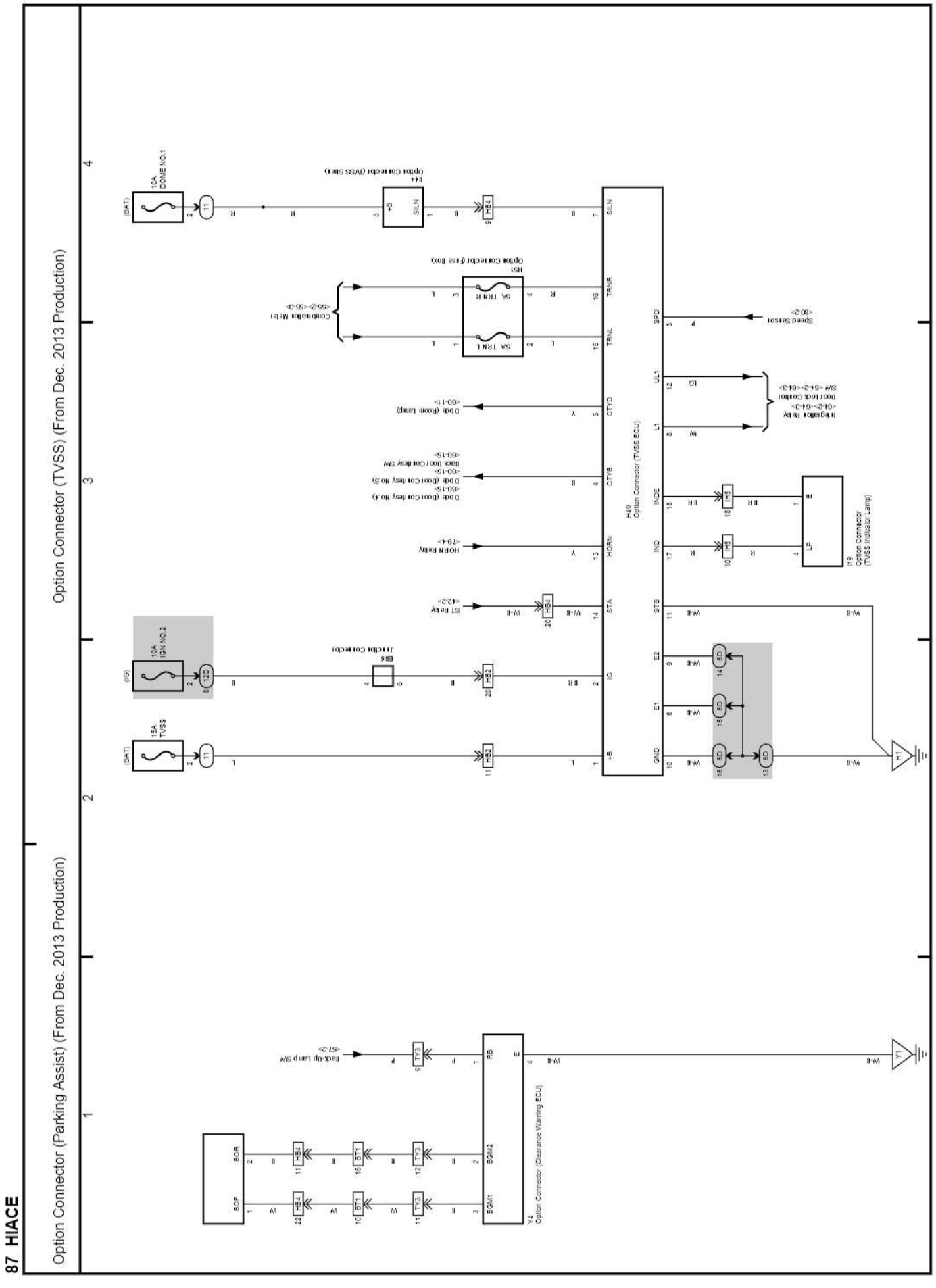
Rear Air Conditioner (From Dec. 2013 Production)

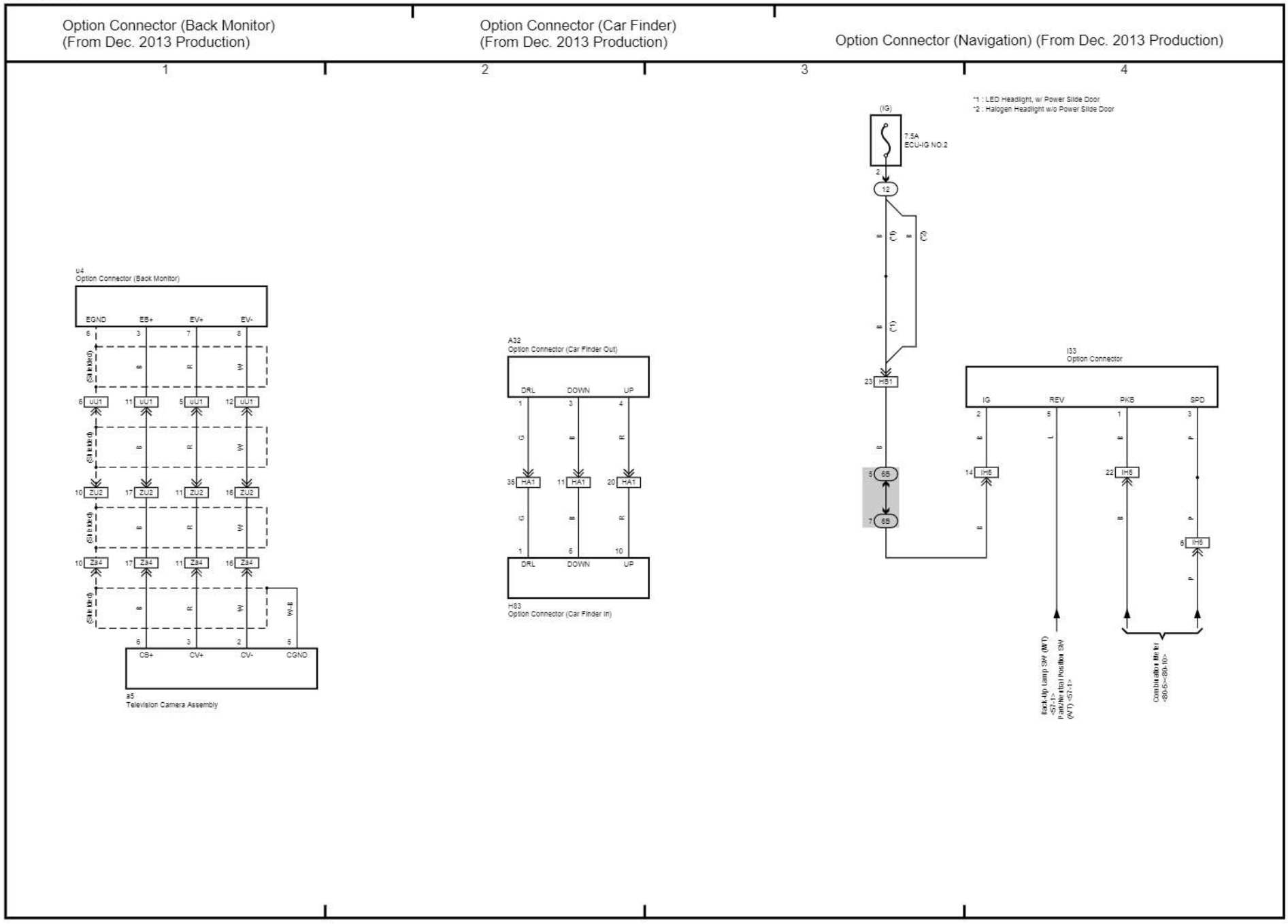


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