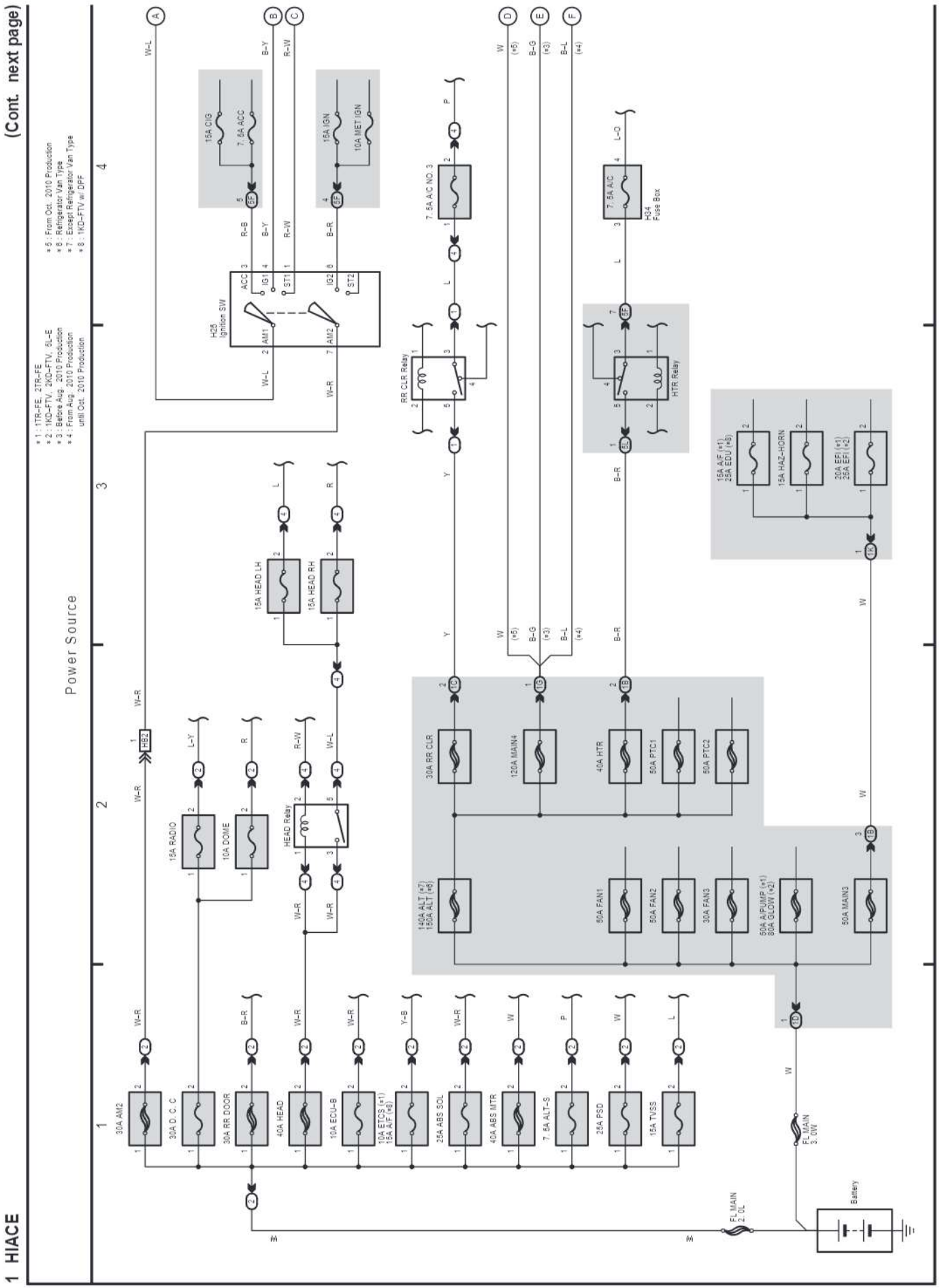
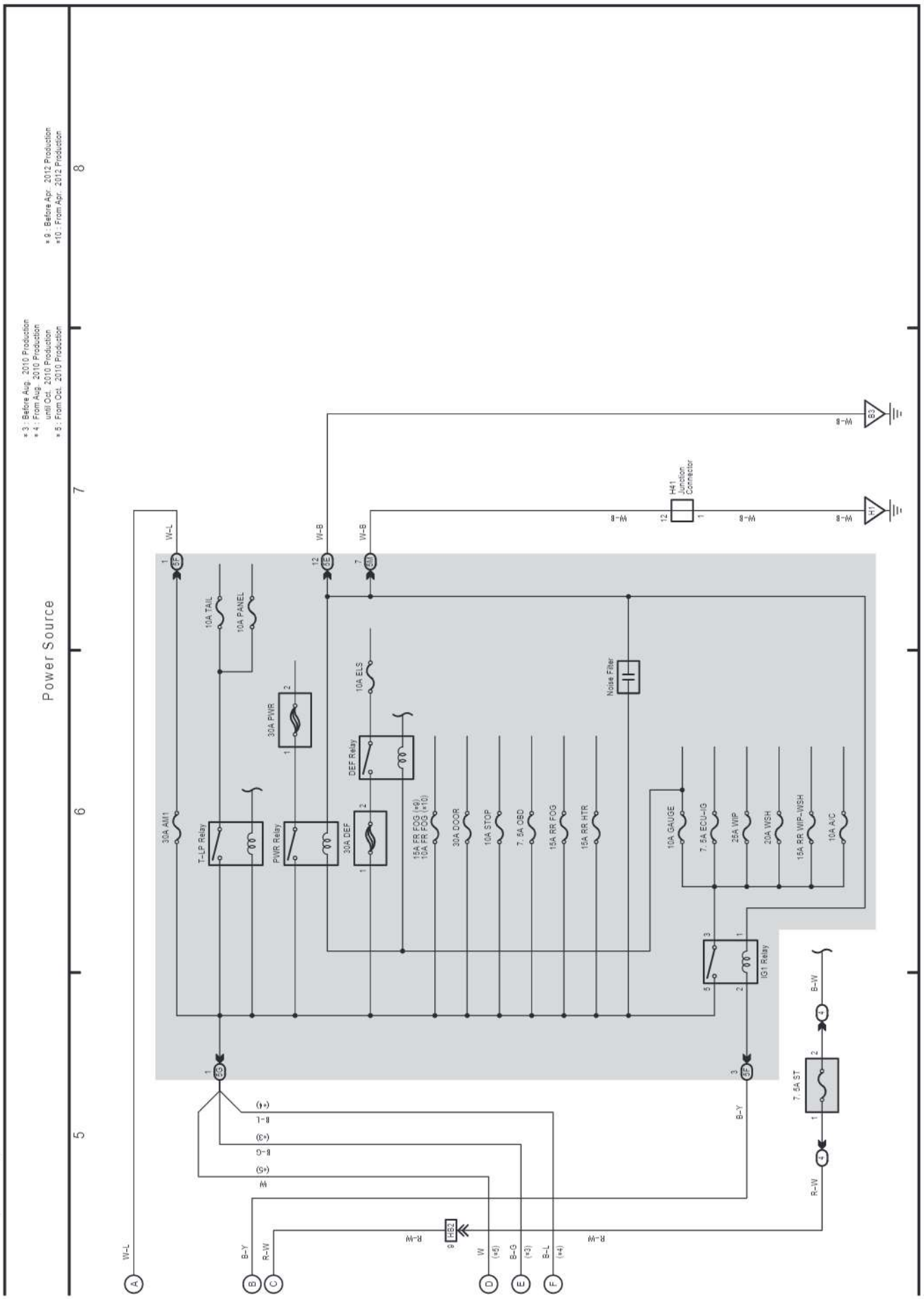
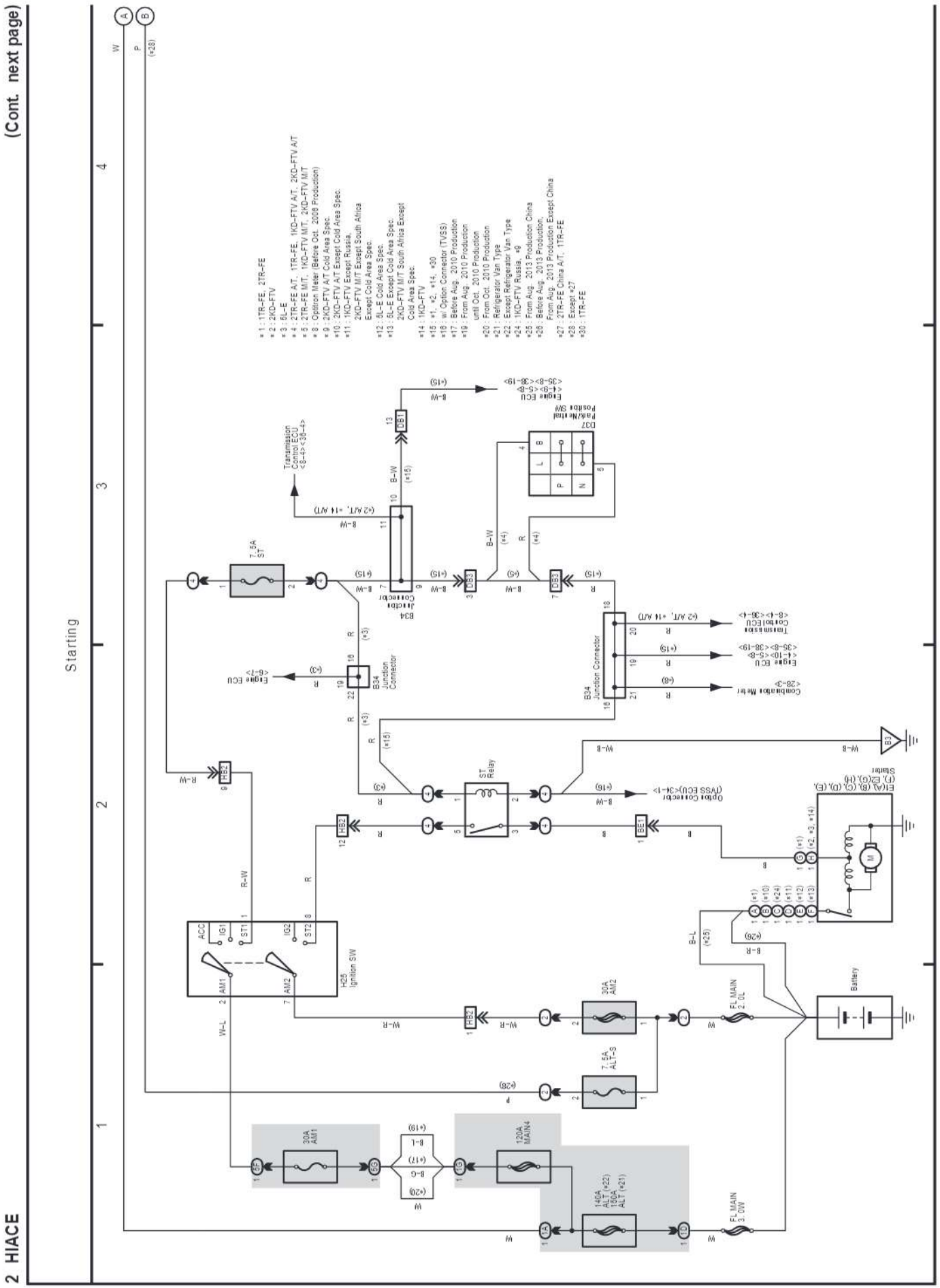
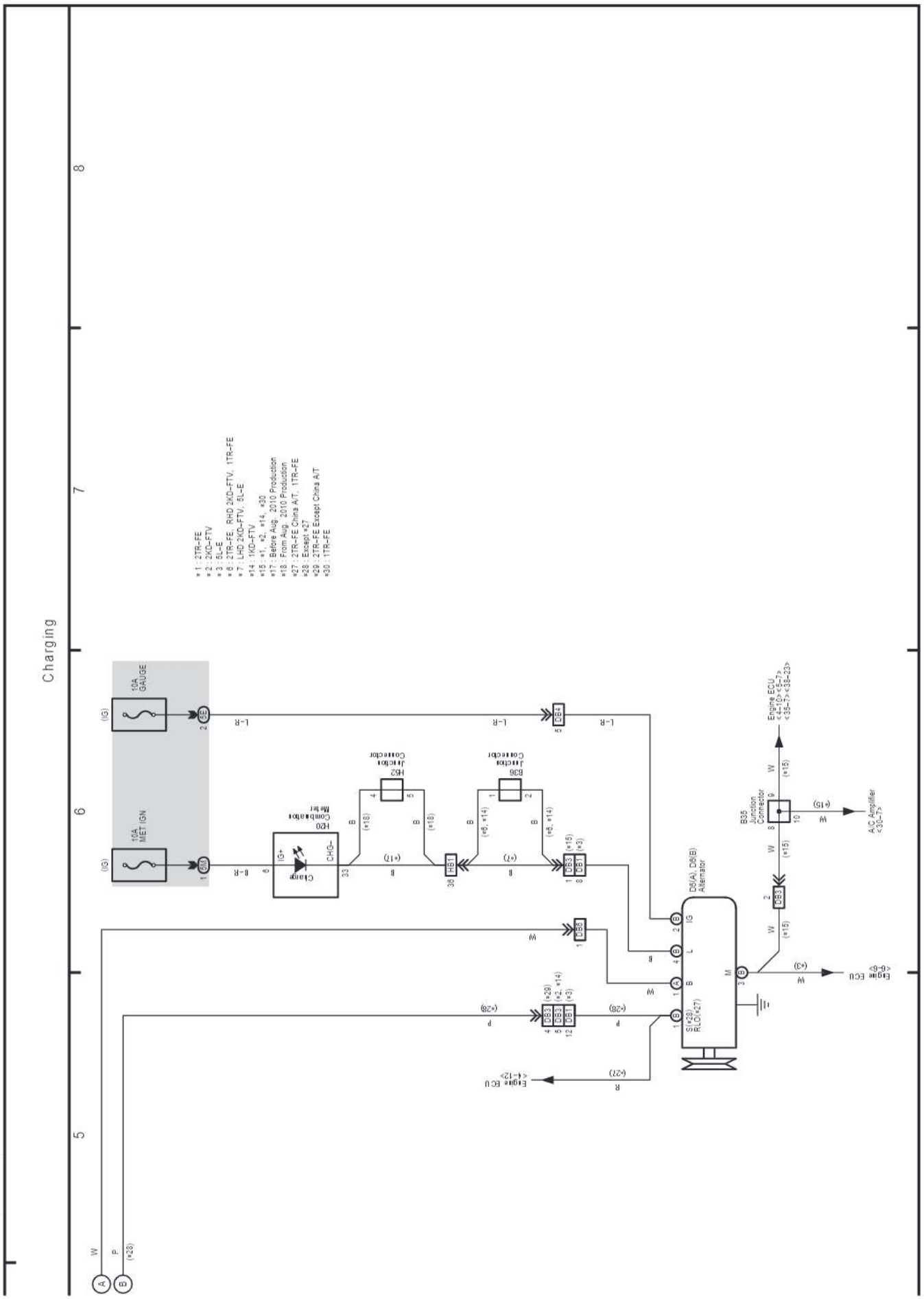

(Cont. next page)
1 HIACE
Power Source
*1 : 1TR–FE, 2TR–FE
*2 : 1KD–FTV, 2KD–FTV, 5L–E
*3 : Before Aug., 2010 Production
*4 : From Aug., 2010 Production until Oct., 2010 Production
*5 : From Oct., 2010 Production
*6 : Refrigerator Van Type
*7 : Except Refrigerator Van Type
*8 : 1KD–FTV w/ DPF
15A CIG
7.5A ACC
15A IGN
10A MET IGN
H25 Ignition SW
7.5A A/C NO.3
7.5A A/C
H34 Fuse Box
RR CLR Relay
HTR Relay
HEAD Relay
15A HEAD LH
15A HEAD RH
15A A/F (*1) 25A EDU (*8)
15A HAZ–HORN
20A EFI (*1) 25A EFI (*2)
30A RR CLR
120A MAIN4
40A HTR
50A PTC1
50A PTC2
140A ALT (*7) 150A ALT (*8)
50A FAN1
50A FAN2
30A FAN3
50A A/PUMP (*1) 80A GLOW (*2)
50A MAIN3
30A AM2
30A D. C. C
30A RR DOOR
40A HEAD
10A ECU–B
10A ETCS (*1) 15A A/F (*8)
25A ABS SOL
40A ABS MTR
7.5A ALT–S
25A PSD
15A TVSS
15A RADIO
10A DOME
FL MAIN 2. OL
FL MAIN 3. OW
Battery

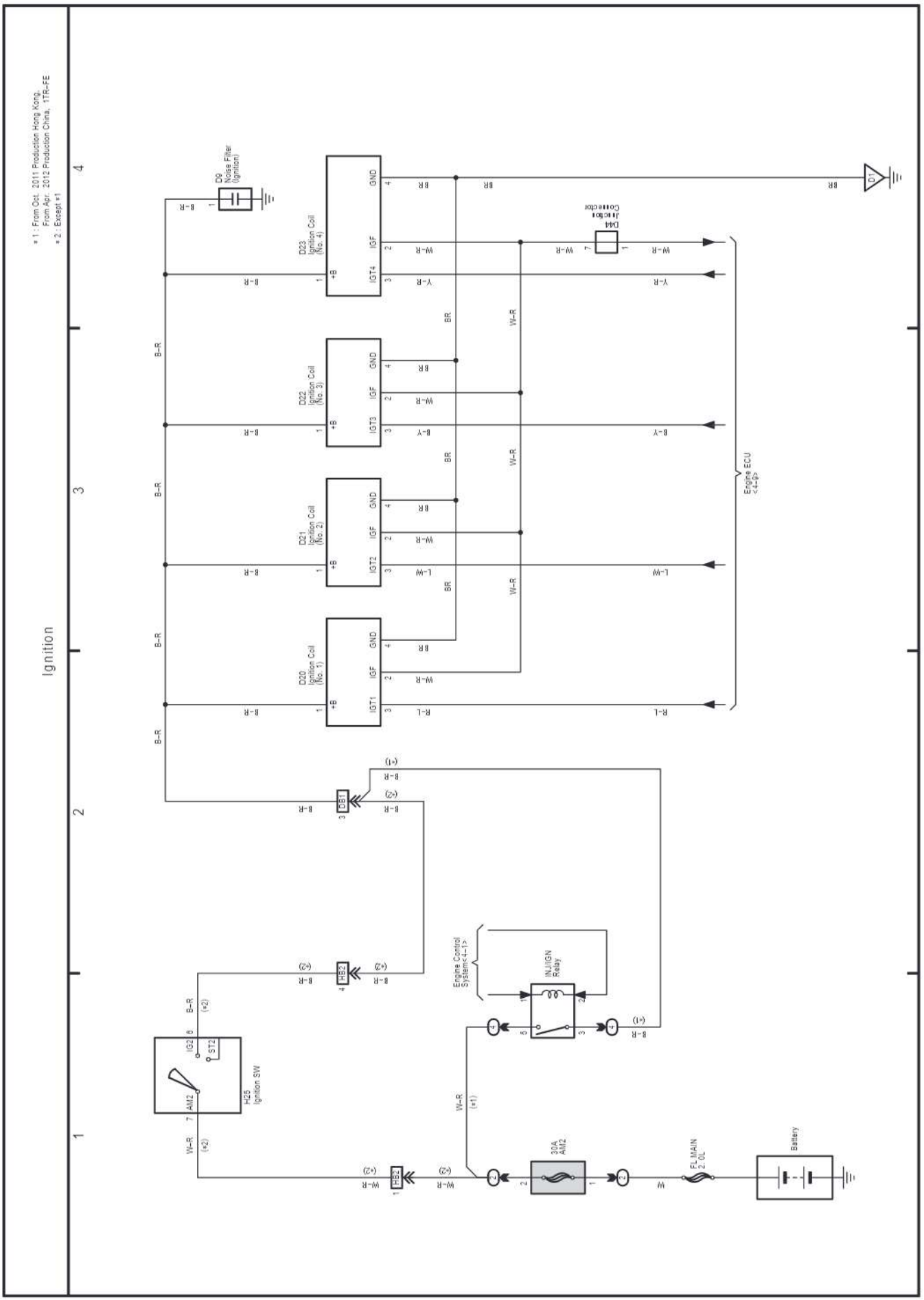
1 HIACE (Cont' d)

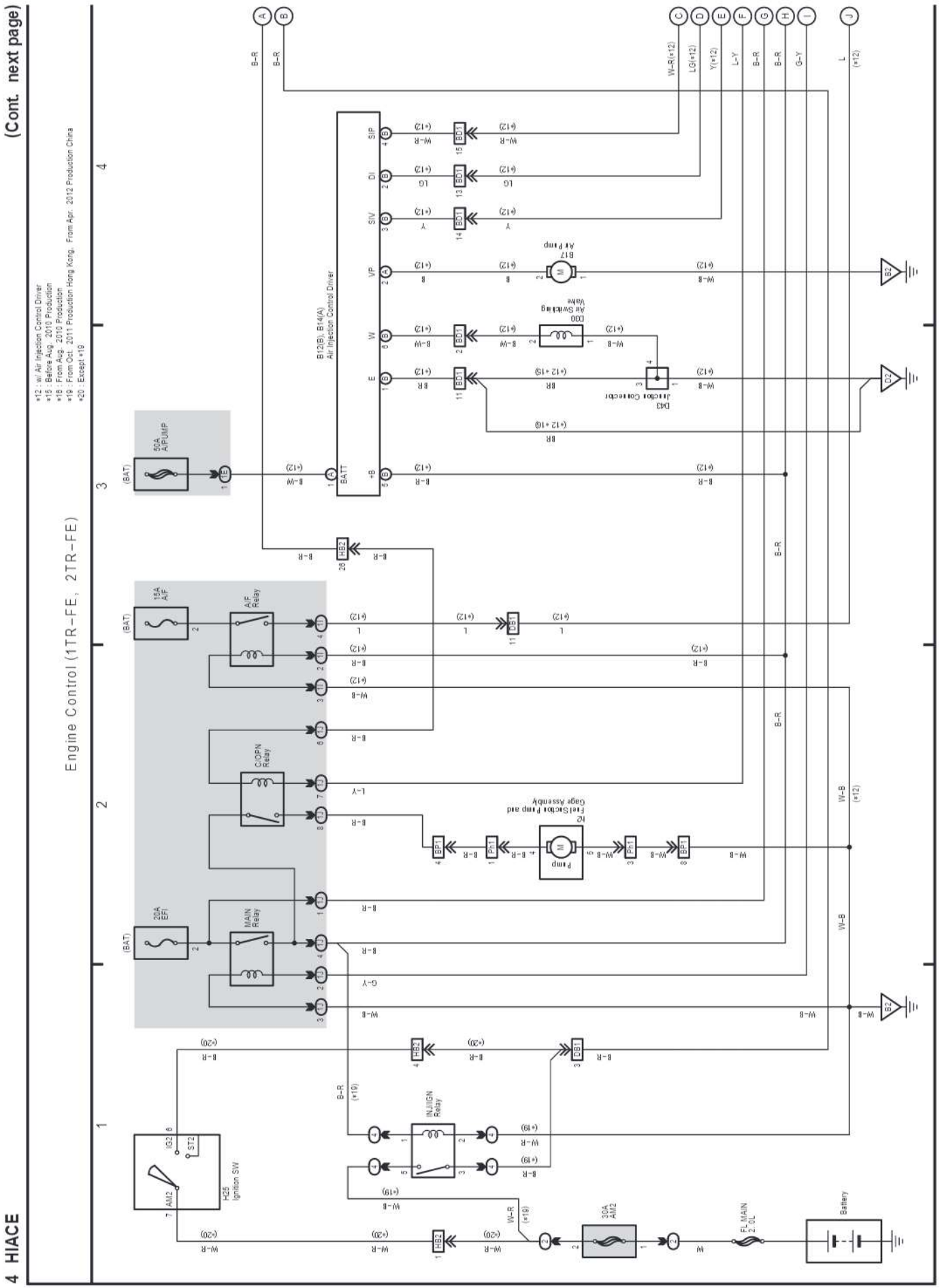



(Cont. next page)
2 HIACE
Starting
1
2
3
4
*1 : 1TR-FE, 2TR-FE
*2 : 2KD-FTV
*3 : 5L-E
*4 : 2TR-FE A/T, 1TR-FE, 1KD-FTV A/T, 2KD-FTV A/T
*5 : 2TR-FE M/T, 1KD-FTV M/T, 2KD-FTV M/T
*8 : Option Meter (Before Oct. 2008 Production)
*9 : 2KD-FTV A/T Cold Area Spec.
*10 : 2KD-FTV A/T Except Cold Area Spec.
*11 : 1KD-FTV Except Russia,
2KD-FTV M/T Except South Africa
Except Cold Area Spec.
*12 : 5L-E Cold Area Spec.
*13 : 5L-E Except Cold Area Spec.
2KD-FTV M/T South Africa Except
Cold Area Spec.
*14 : 1KD-FTV
*15 : *1, *2, *14, *30
*16 : w/ Option Connector (TVSS)
*17 : Before Aug., 2010 Production
*19 : From Aug., 2010 Production
until Oct., 2010 Production
*20 : From Oct., 2010 Production
*21 : Refrigerator Van Type
*22 : Except Refrigerator Van Type
*24 : 1KD-FTV Russia, *9
*25 : From Aug., 2013 Production China
*26 : Before Aug., 2013 Production,
From Aug., 2013 Production Except China
*27 : 2TR-FE China A/T, 1TR-FE
*28 : Except *27
*30 : 1TR-FE
Transmission Control ECU <8-4> <38-4>
Engine ECU <35-8> <38-19>
Park/Neutral Position SW
D37
B34 Junction Connector
7.5A ST
ST Relay
Option Connector (TVSS ECU)<34-1>
Ignition SW
H25
30A AM2
7.5A ALT-S
FL MAIN 2.0L
FL MAIN 3.0W
120A MAIN4
140A ALT (*22) 180A ALT (*21)
30A AM1
Battery
Starter
Combination Meter <28-3>
Transmission Control ECU <8-4> <38-4>
Engine ECU <35-8> <38-19>
Engine ECU <8-7>
ACC
IG1
ST1
IG2
ST2
AM1
AM2

2 HIACE (Cont' d)

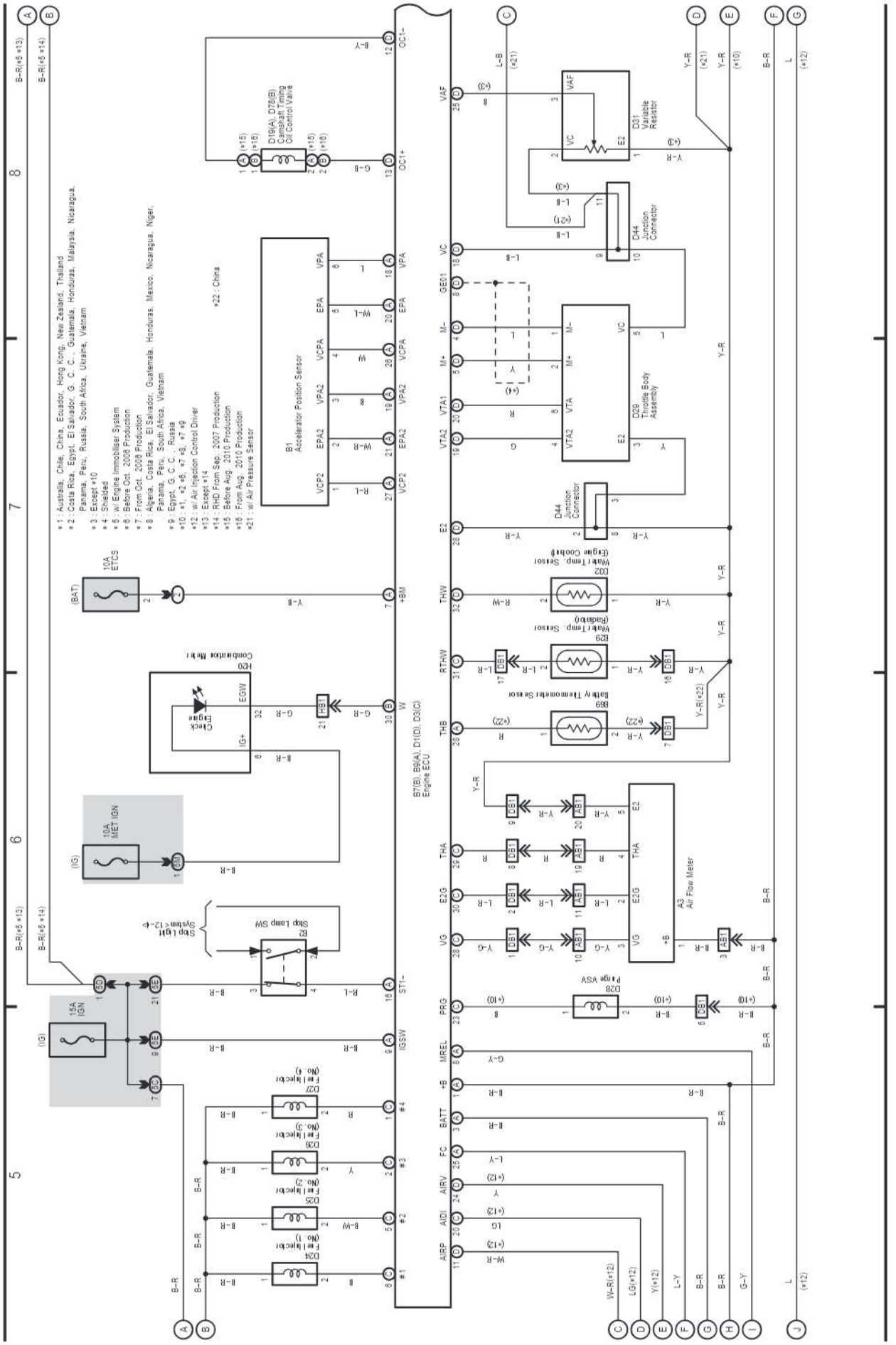



3 HIACE
Ignition
*1 : From Oct. 2011 Production Hong Kong,
From Apr. 2012 Production China, 1TR-FE
*2 : Except *1
D0
Noise Filter
(Ignition)
D23
Ignition Coil
(No. 4)
D22
Ignition Coil
(No. 3)
D21
Ignition Coil
(No. 2)
D20
Ignition Coil
(No. 1)
GND
IGF
IGT4
IGT3
IGT2
IGT1
+B
D44
Injector
Connector
D1
Engine ECU
<4-1>
CB1
HB2
HB1
IG2
ST2
ACC
AM2
H25
Ignition SW
Engine Control
System<4-1>
INJ/IGN
Relay
30A
AM2
FL MAIN
2.0L
Battery
B-R
W-R
B-Y
L-W
R-L
Y-R
BR

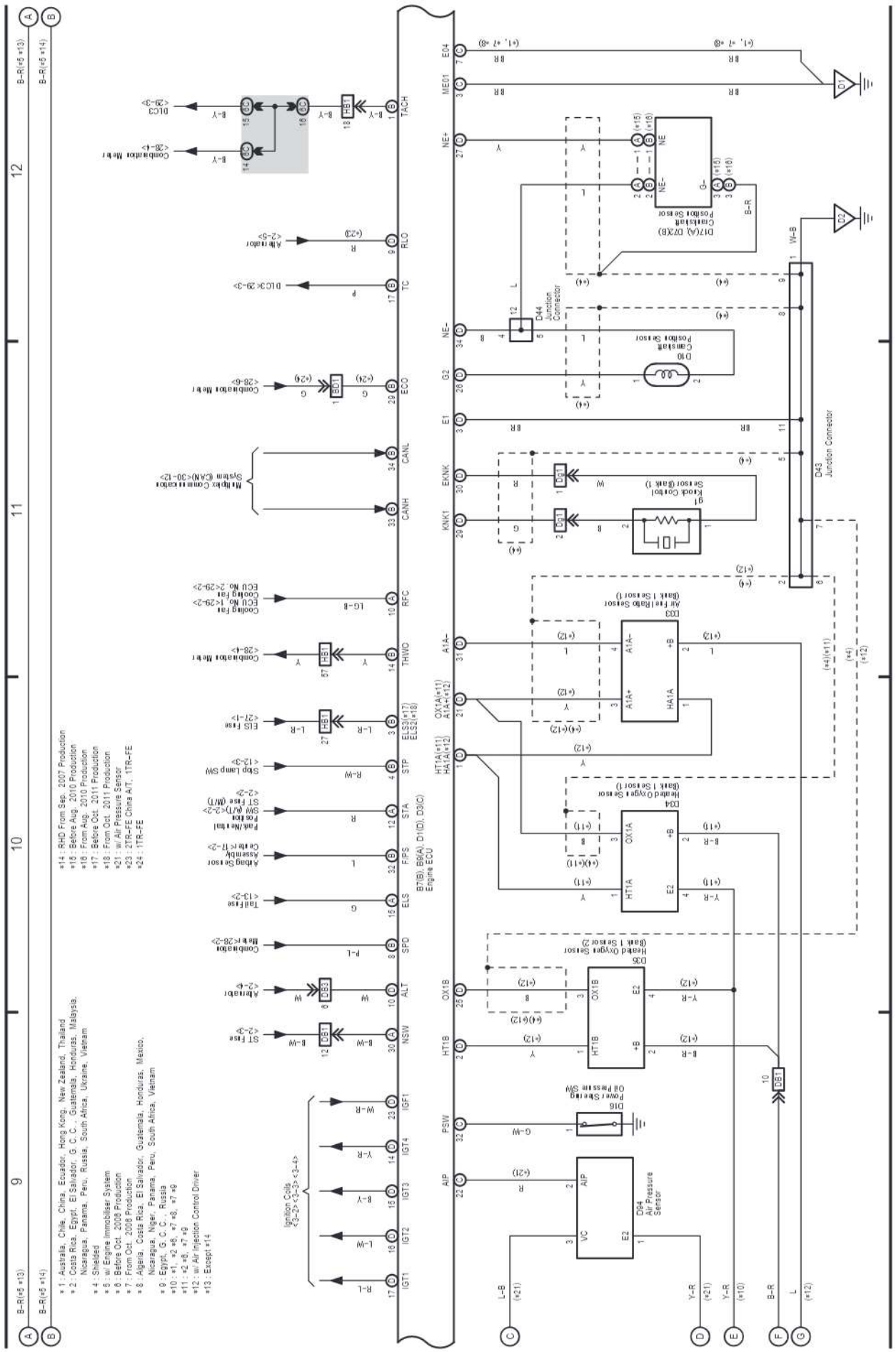

(Cont. next page)
Engine Control (1TR-FE, 2TR-FE)
4 HIACE
*12 : w/ Air Injection Control Driver
*15 : Before Aug., 2010 Production
*18 : From Aug., 2010 Production
*19 : From Oct., 2011 Production Hong Kong : From Apr., 2012 Production China
*20 : Except *19
B12(B), B14(A)
Air Injection Control Driver
BATT
+B
SIP
DI
SIV
VP
W
E
B17
Air Pump
D30
Air Switching Valve
D43
Junction Connector
50A
A/PUMP
15A
A/F
A/F
Relay
20A
EFI
MAIN
Relay
C/OPN
Relay
INJ/IGN
Relay
Fuel Sender Gage Assembly
Pump
IG2
ST2
AM2
H25
Ignition SW
30A
AM2
FL MAIN
2 OL
Battery
(BAT)

4 HIACE (Cont' d)

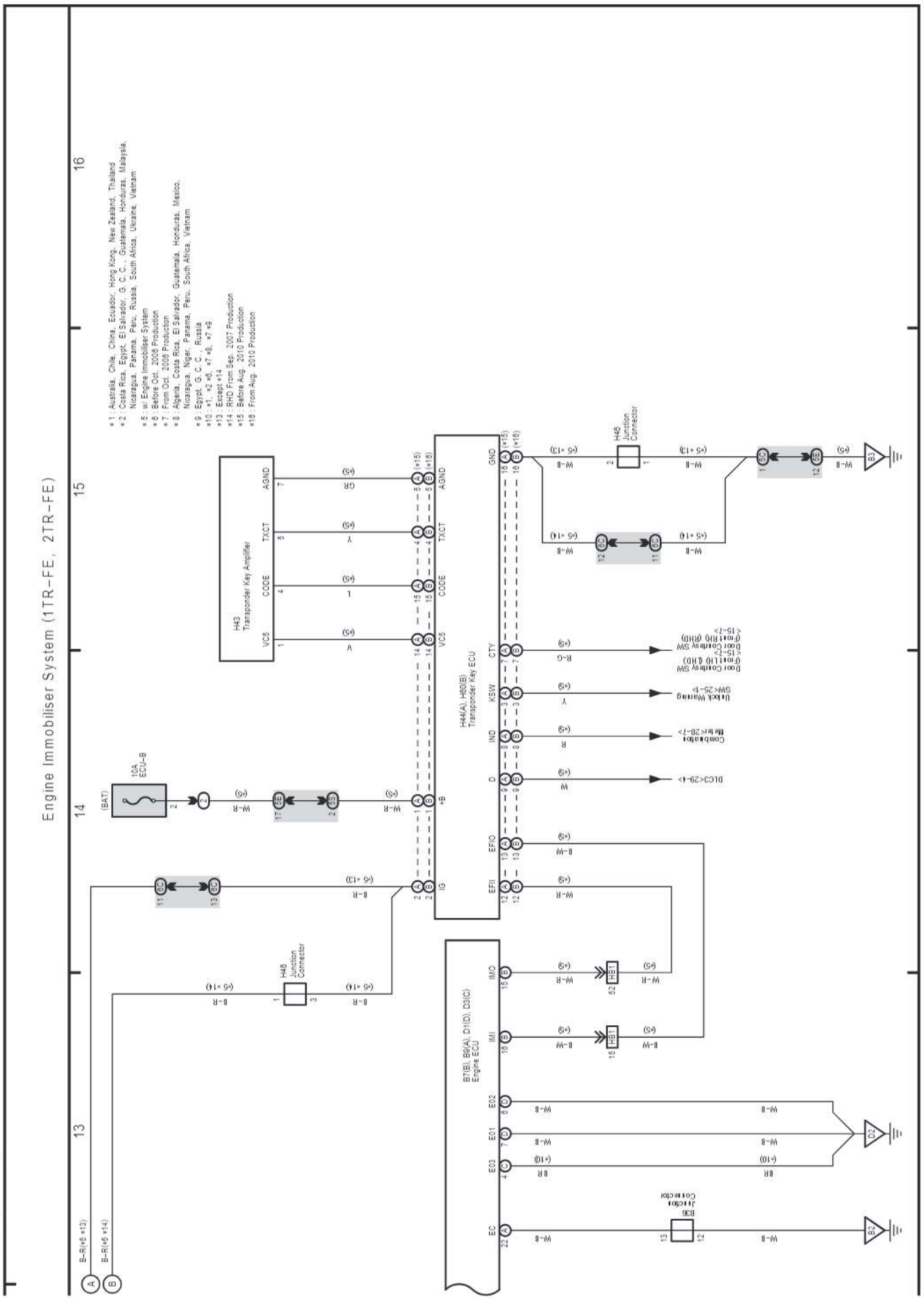
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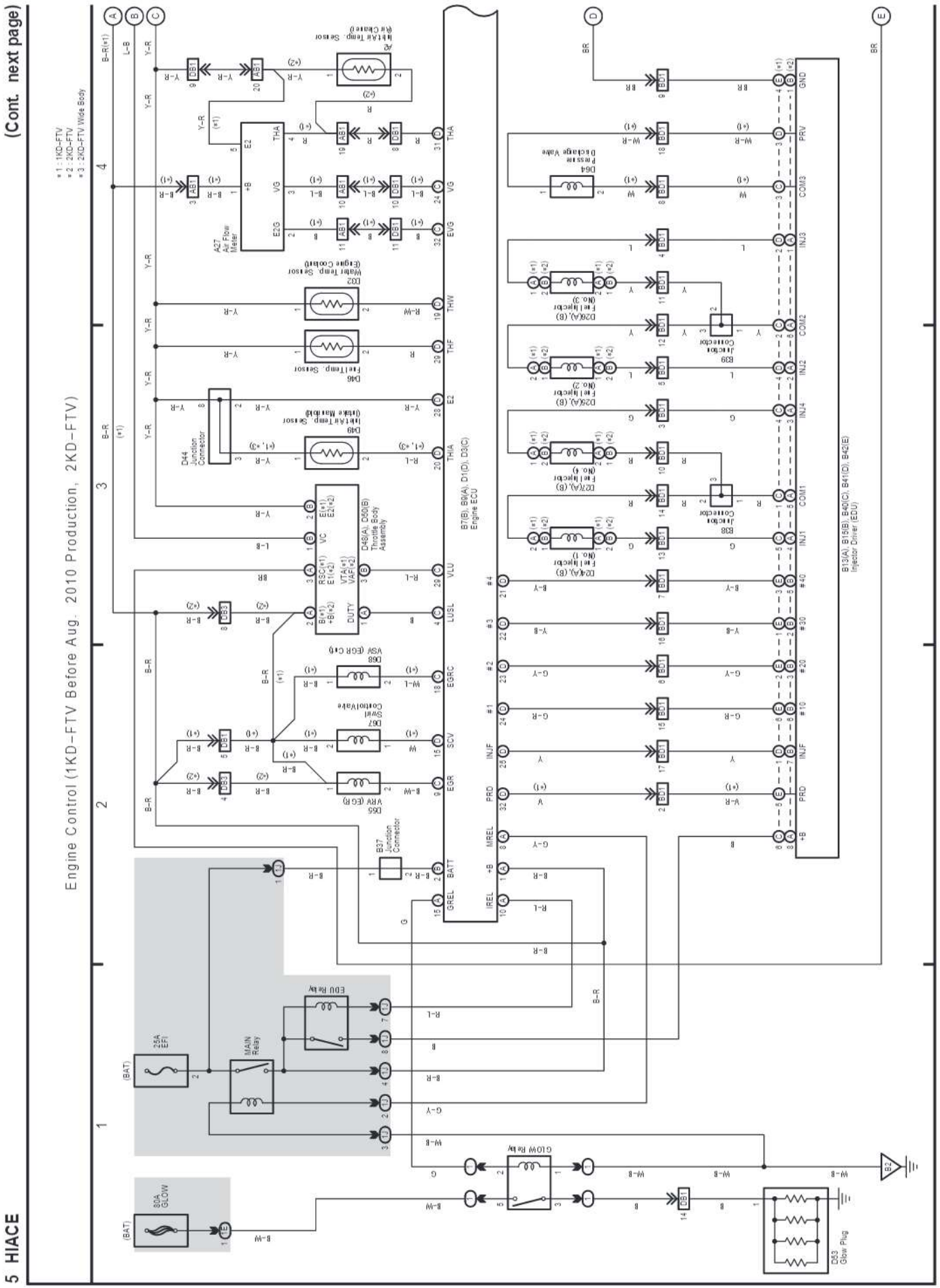


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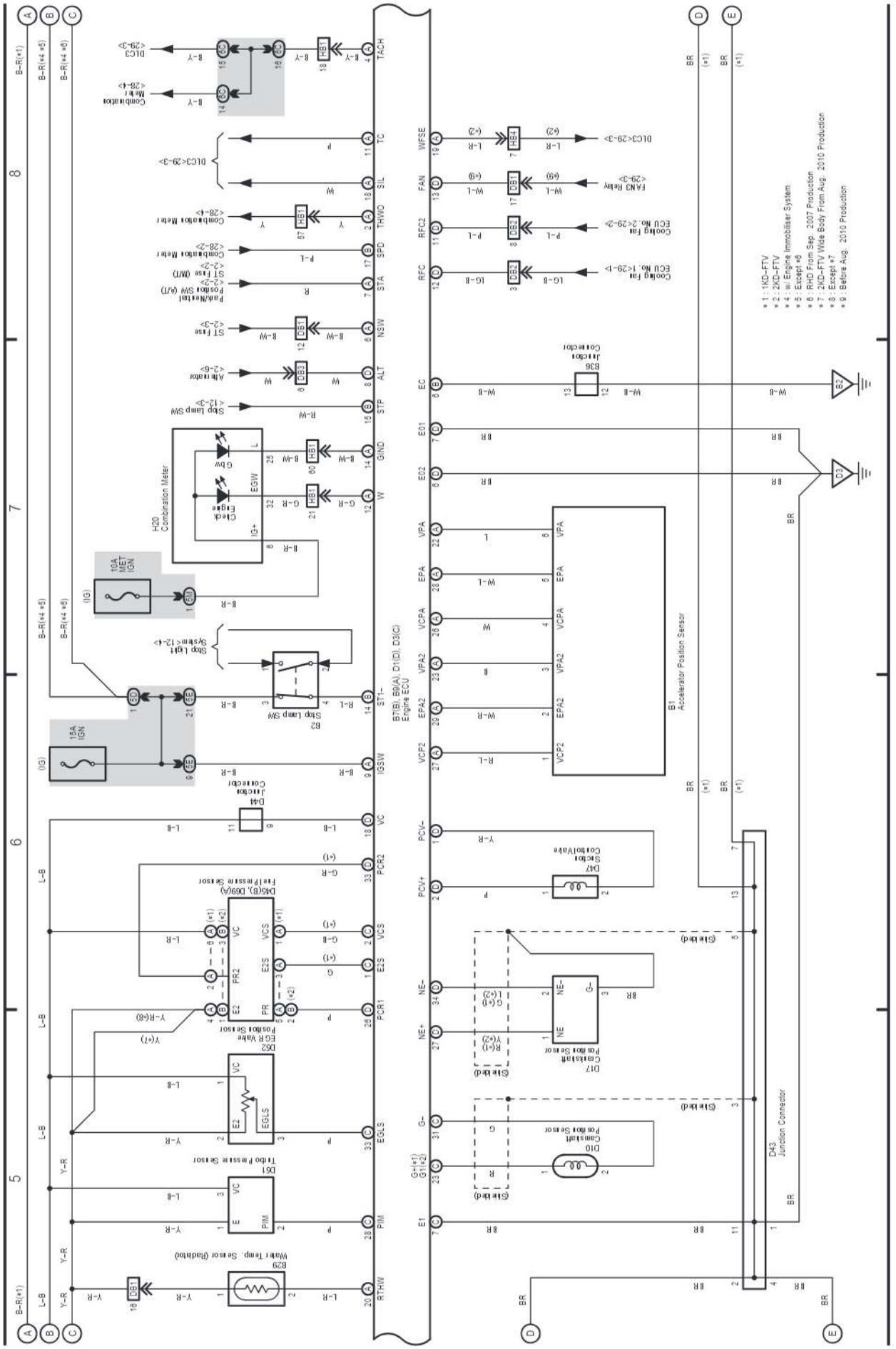
4 HIACE (Cont' d)

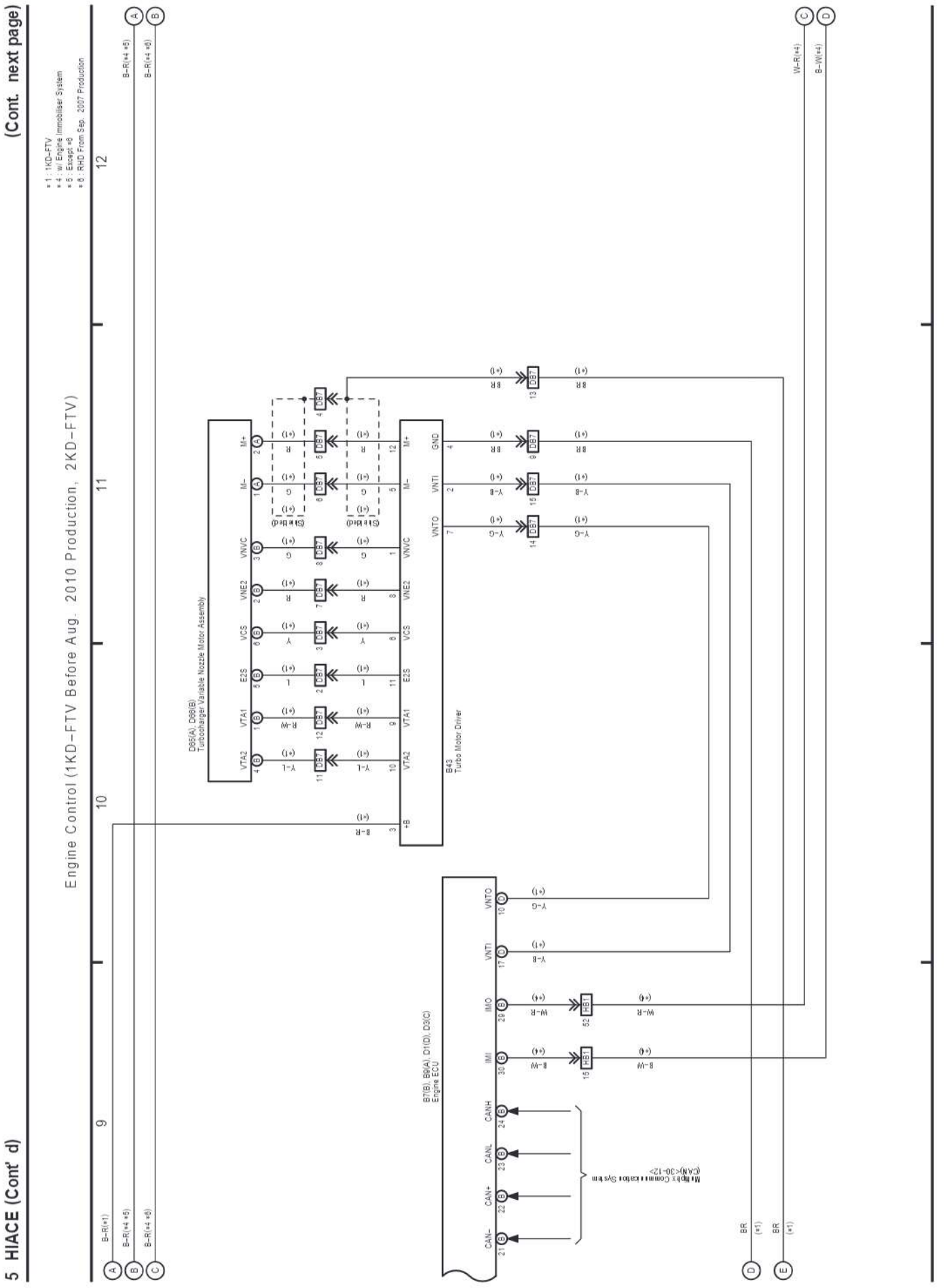



(Cont. next page)
Engine Control (1KD–FTV Before Aug. 2010 Production, 2KD–FTV)
5 HIACE
*1 : 1KD–FTV
*2 : 2KD–FTV
*3 : 2KD–FTV Wide Body
A27 Air Flow Meter
D02 Water Temp. Sensor (Engine Coolant)
D46 Fuel Temp. Sensor
D49 Intake Air Temp. Sensor (Intake Manifold)
D44 Junction Connector
D48(A), C60(B) Throttle Body Assembly
B7(B), B9(A), D1(D), D3(C) Engine ECU
B13(A), B15(B), B40(C), B41(D), B42(E) Injector Driver (EDU)
D64 Pressure Discharge Valve
D24(A), (B) Fuel Injector (No. 1)
D27(A), (B) Fuel Injector (No. 4)
D29(A), (B) Fuel Injector (No. 2)
D26(A), (B) Fuel Injector (No. 3)
B38 Injector Connector
B39 Injector Connector
D68 VSV (EGR Cut)
D67 Swirl Control Valve
D65 VRV (EGR)
B37 Junction Connector
EDU Relay
MAIN Relay
15A EFI
80A GLOW
GLOW Relay
D53 Glow Plug
B2

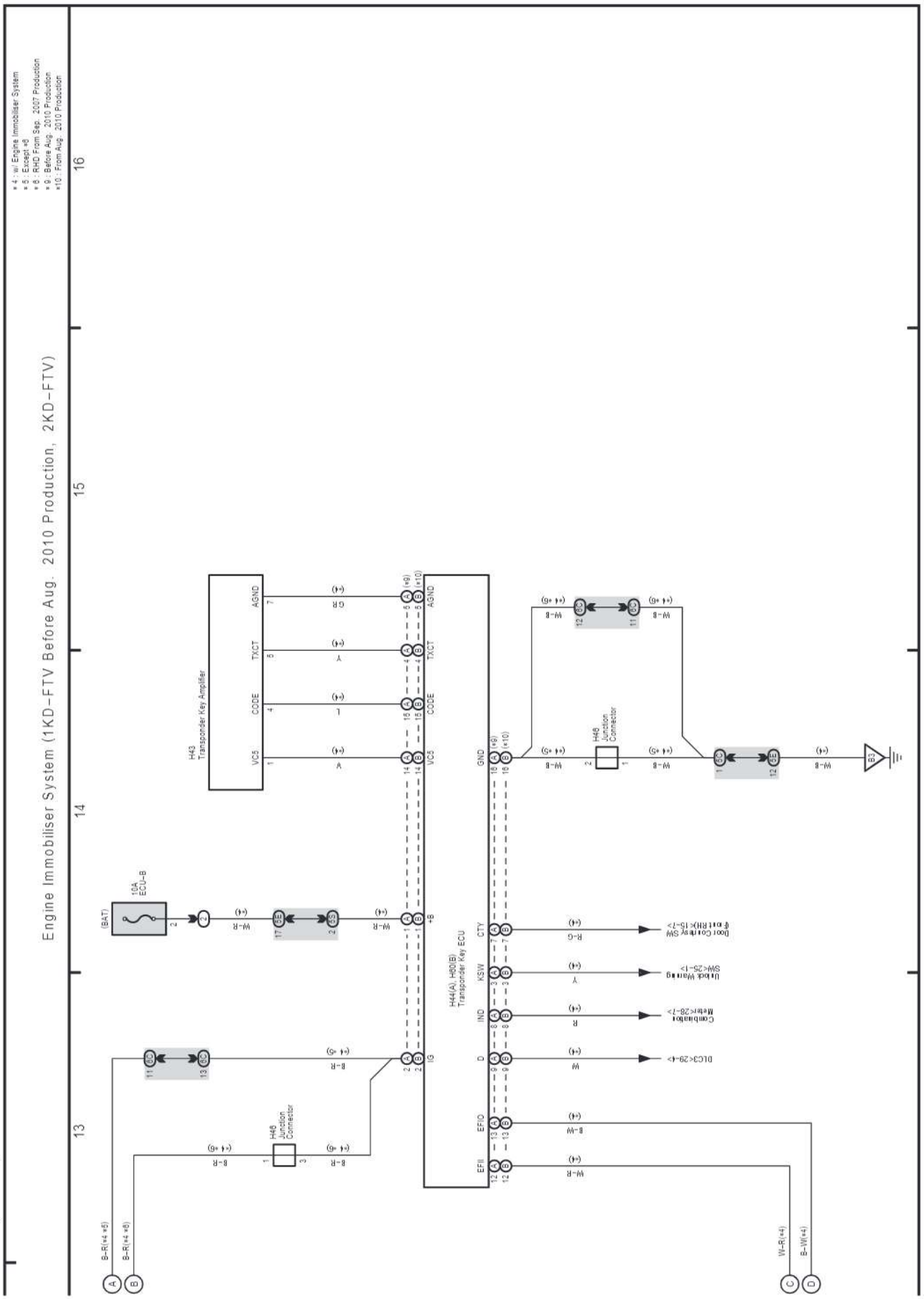
5 HIACE (Cont' d)

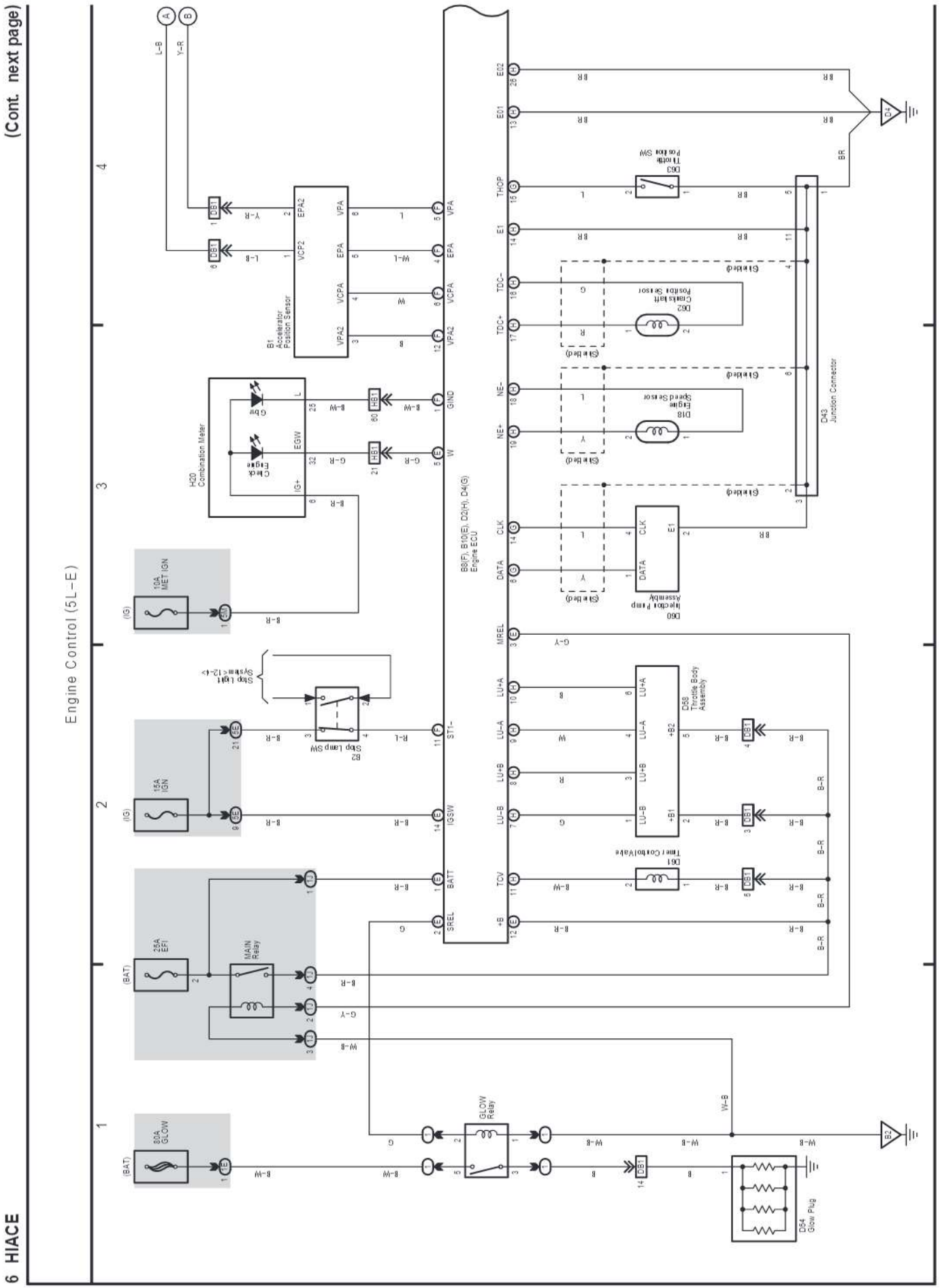
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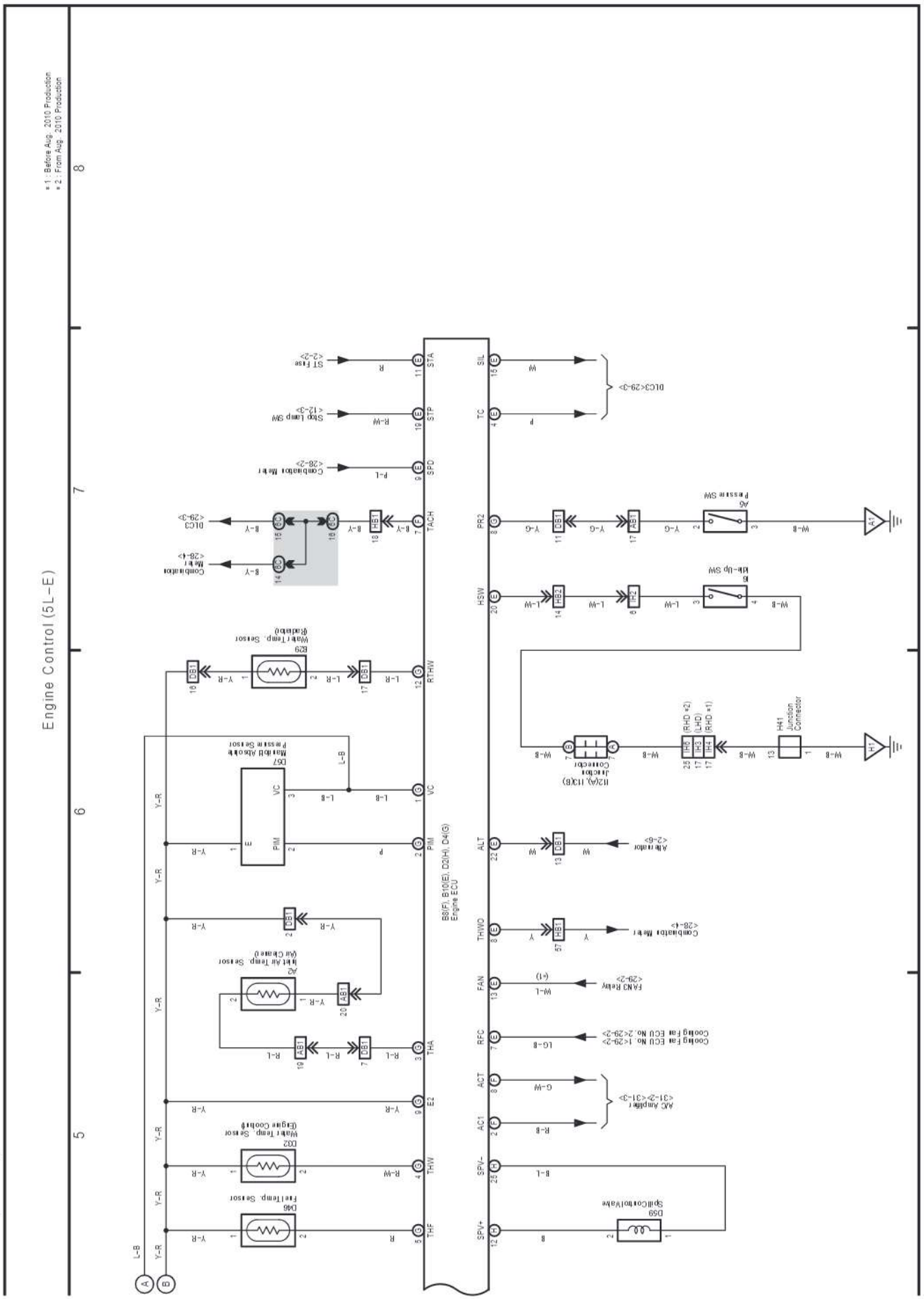

5 HIACE (Cont' d)
(Cont. next page)
Engine Control (1KD-FTV Before Aug. 2010 Production, 2KD-FTV)
*1 : 1KD-FTV
*4 : w/ Engine Immobiliser System
*5 : Except *6
*6 : RHD From Sep. 2007 Production
D65(A), D66(B)
Turbocharger Variable Nozzle Motor Assembly
B43
Turbo Motor Driver
B7(B), B9(A), D1(D), D3(C)
Engine ECU
Multiplex Communication System
(CAN)<30-12>
B-R(*1)
B-R(*4 *5)
B-R(*4 *6)
W-R(*4)
B-W(*4)
BR (*1)
BR (*1)

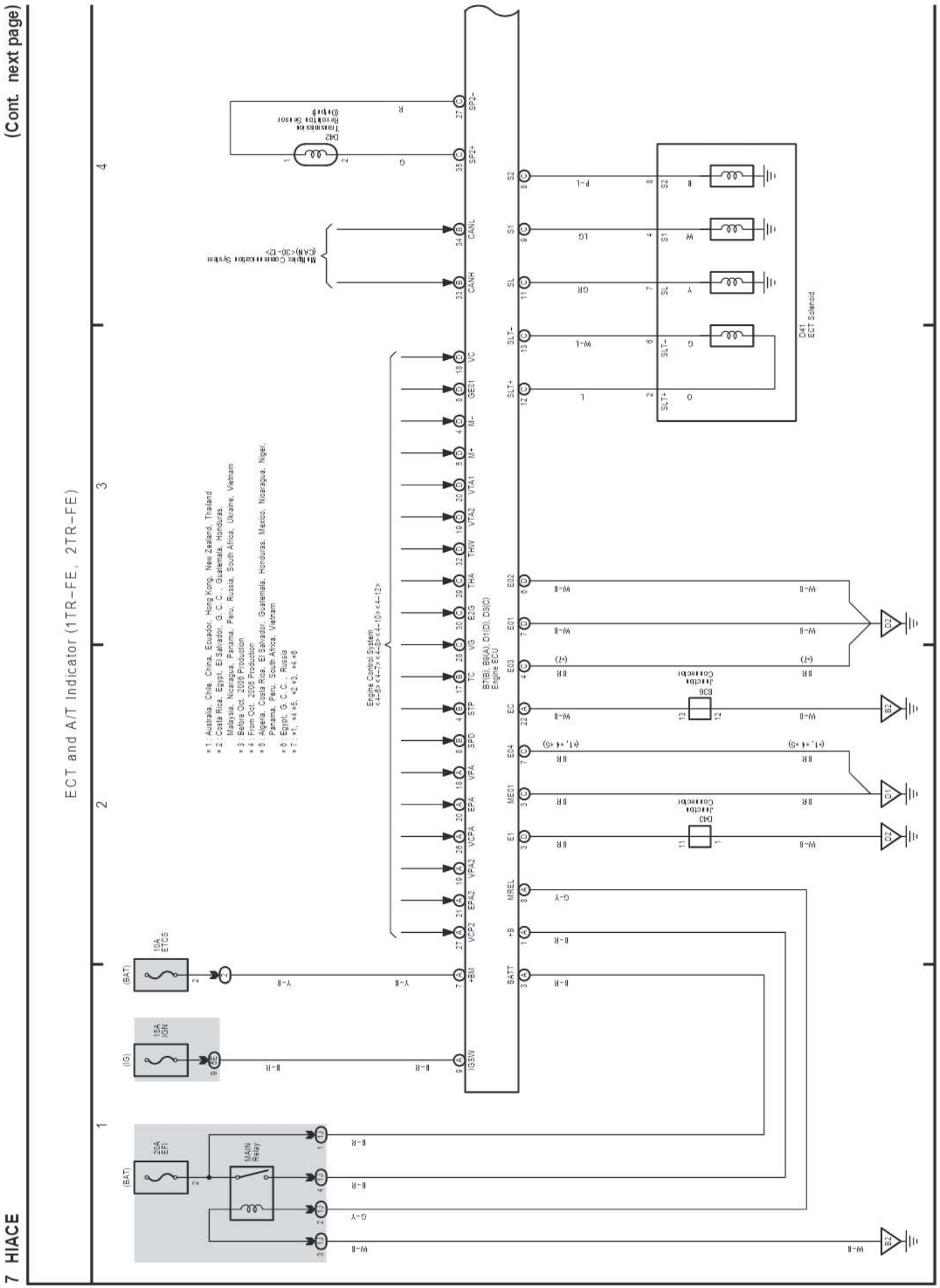
5 HIACE (Cont' d)



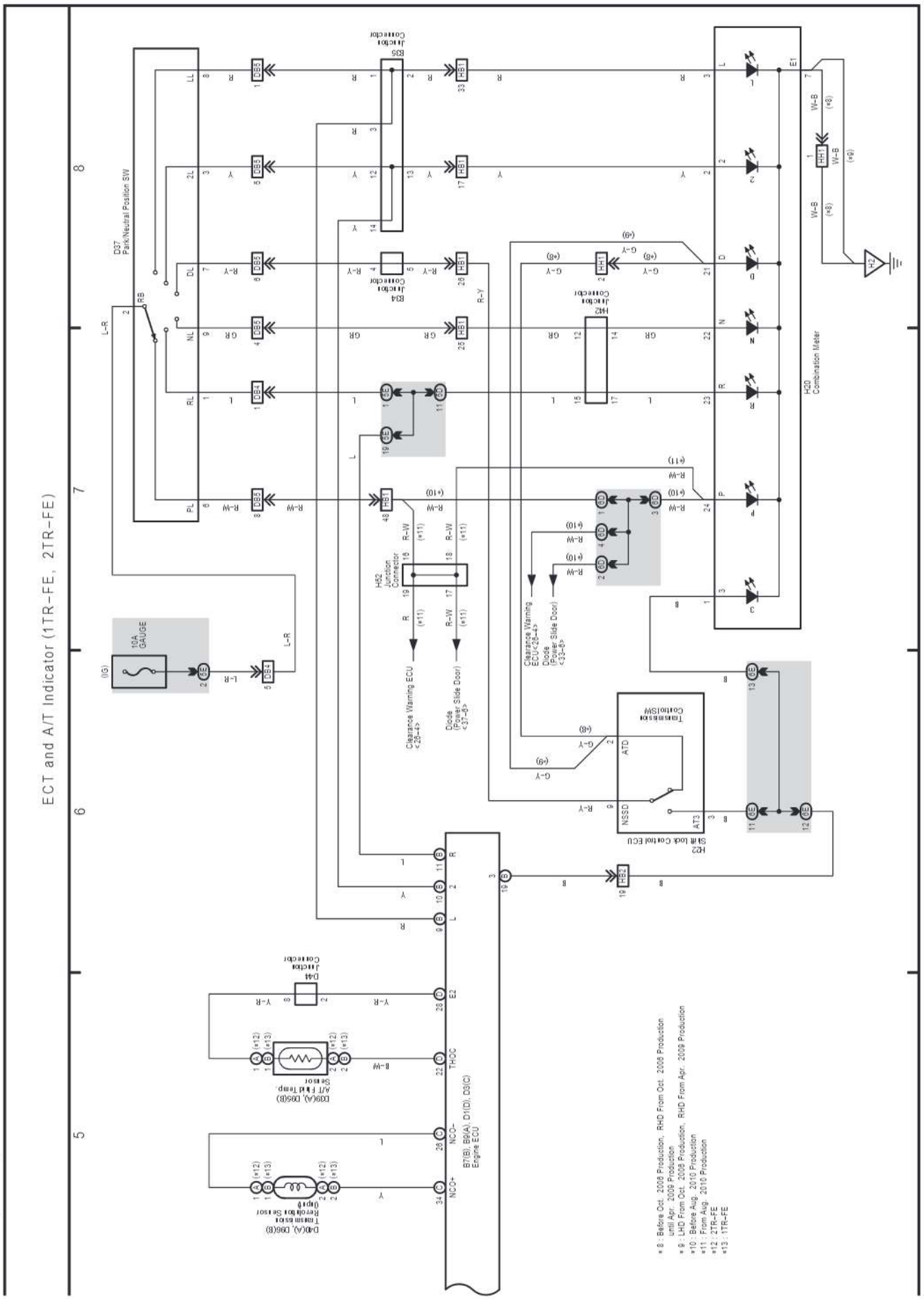

(Cont. next page)
Engine Control (5L-E)
6 HIACE
B1 Accelerator Position Sensor
H20 Combination Meter
B8(F), B10(E), D2(H), D4(G) Engine ECU
D60 Injector Prmp Assembly
D18 Engine Speed Sensor
D62 Crankshaft Position Sensor
D63 Throttle Position SW
D43 Junction Connector
D58 Throttle Body Assembly
D61 Timer Control Valve
D64 Glow Plug
B2 Stop Lamp SW
MAIN Relay
GLOW Relay
10A MET IGN
15A IGN
25A EFI
80A GLOW
Stop Light System 12-1

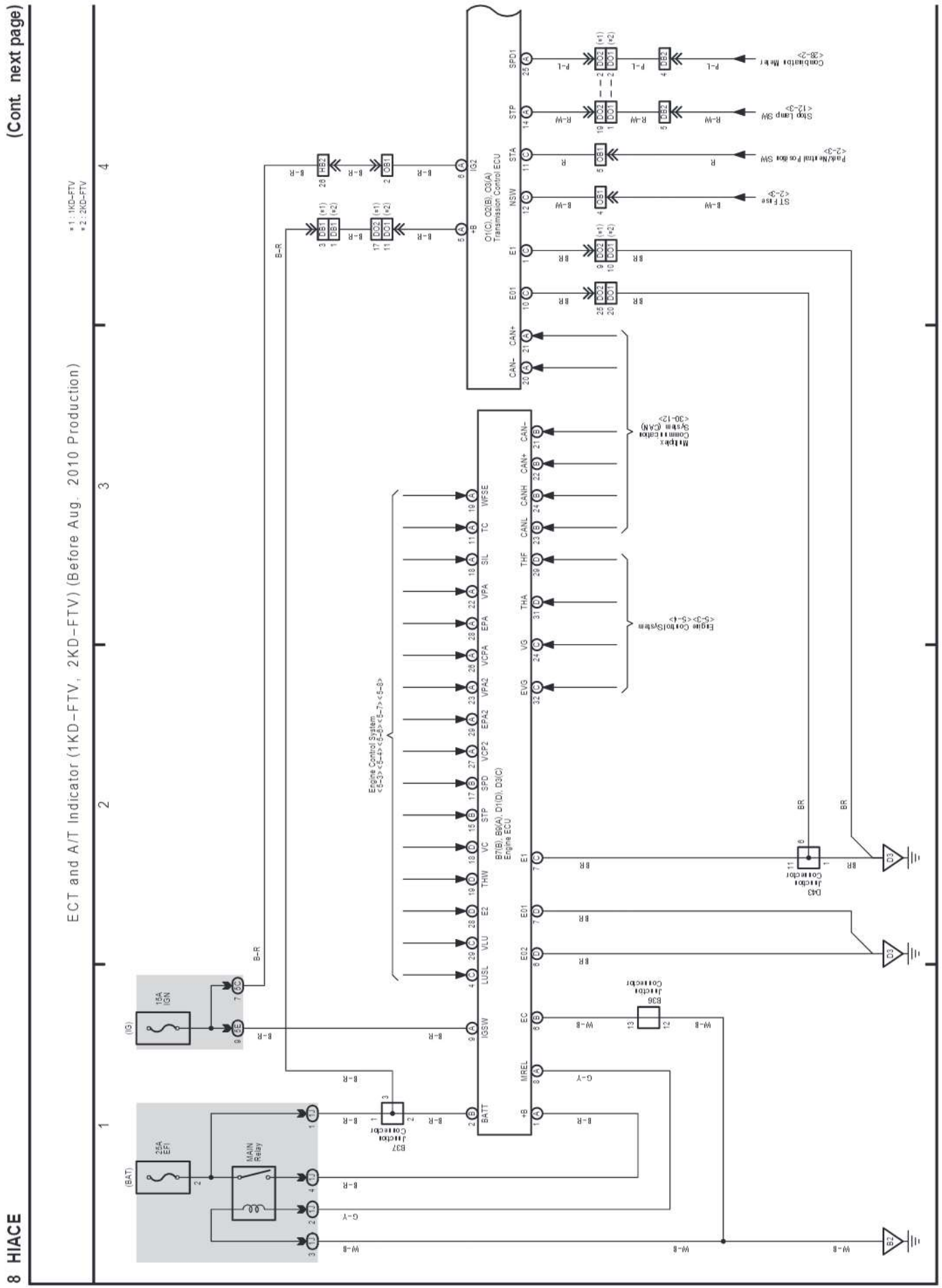
6 HIACE (Cont' d)



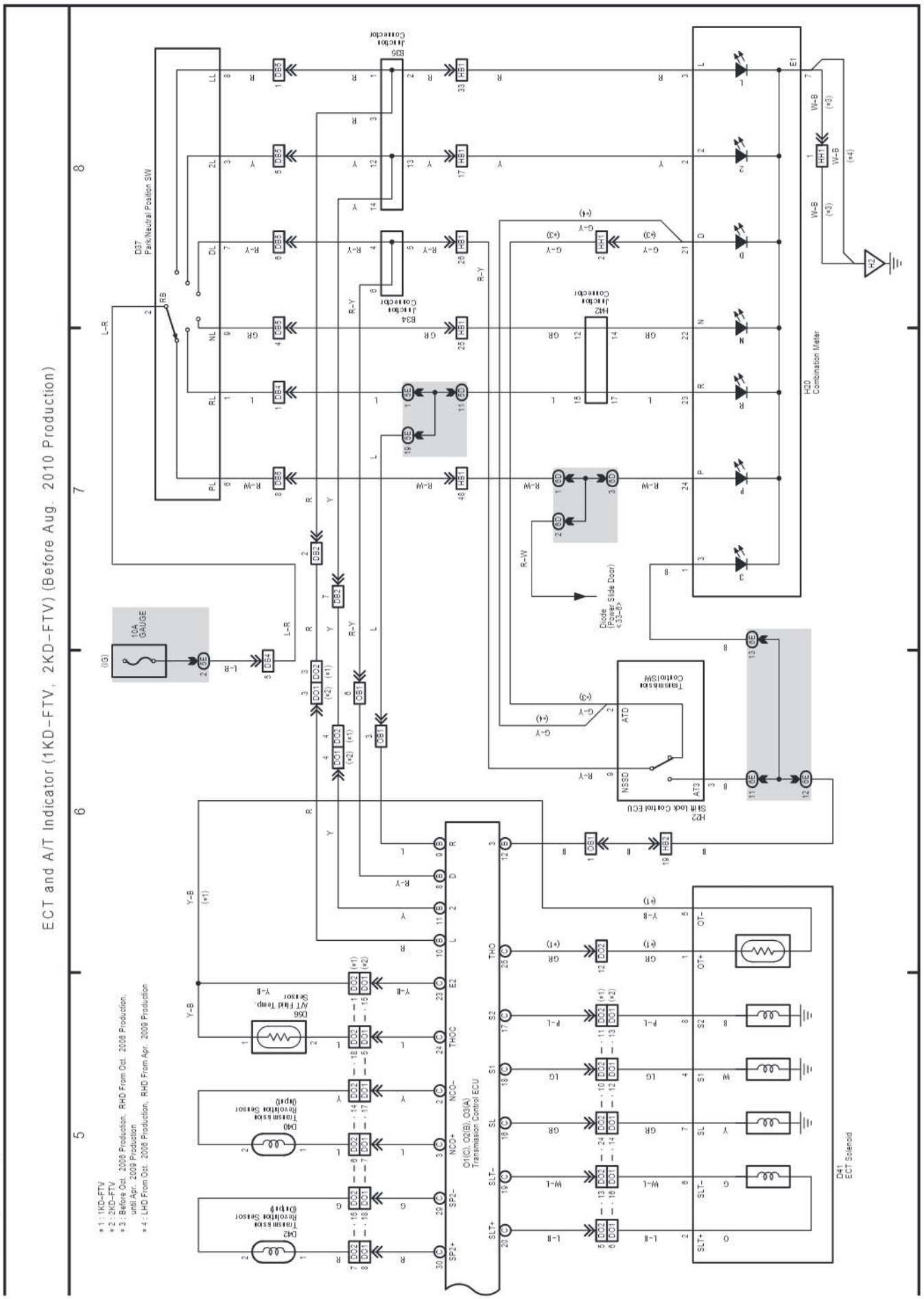

(Cont. next page)
ECT and A/T Indicator (1TR-FE, 2TR-FE)
7 HIACE
1
2
3
4
10A ETCS
15A IGN
20A EFI
MAIN Relay
(BAT)
(IG)
Engine Control System <4-5><4-7><4-8><4-10><4-12>
B7(B), B8(A), D1(D), D3(C) Engine ECU
Multiplex Communication System (CAN)<30-12>
D42 Transmission Revolution Sensor Output
D41 ECT Solenoid
B36 Junction Connector
D43 Junction Connector
B7
D1
D2
D3
*1 : Australia, Chile, China, Ecuador, Hong Kong, New Zealand, Thailand
*2 : Costa Rica, Egypt, El Salvador, G. C. C., Guatemala, Honduras, Malaysia, Nicaragua, Panama, Peru, Russia, South Africa, Ukraine, Vietnam
*3 : Before Oct. 2006 Production
*4 : From Oct. 2006 Production
*5 : Algeria, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Niger, Panama, Peru, South Africa, Vietnam
*6 : Egypt, G. C. C., Russia
*7 : *1, *4 *5, *2 *3, *4 *6

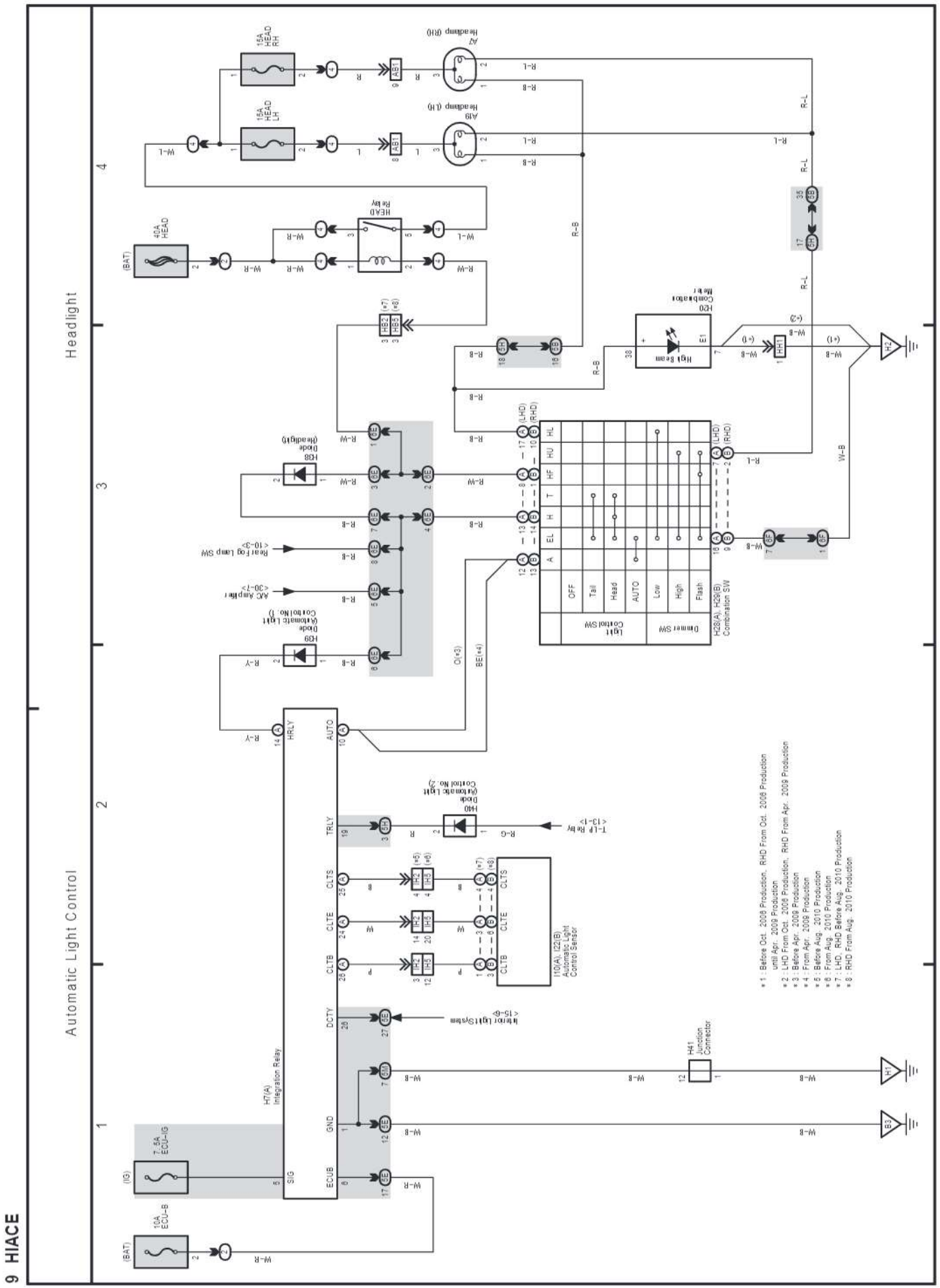
7 HIACE (Cont' d)

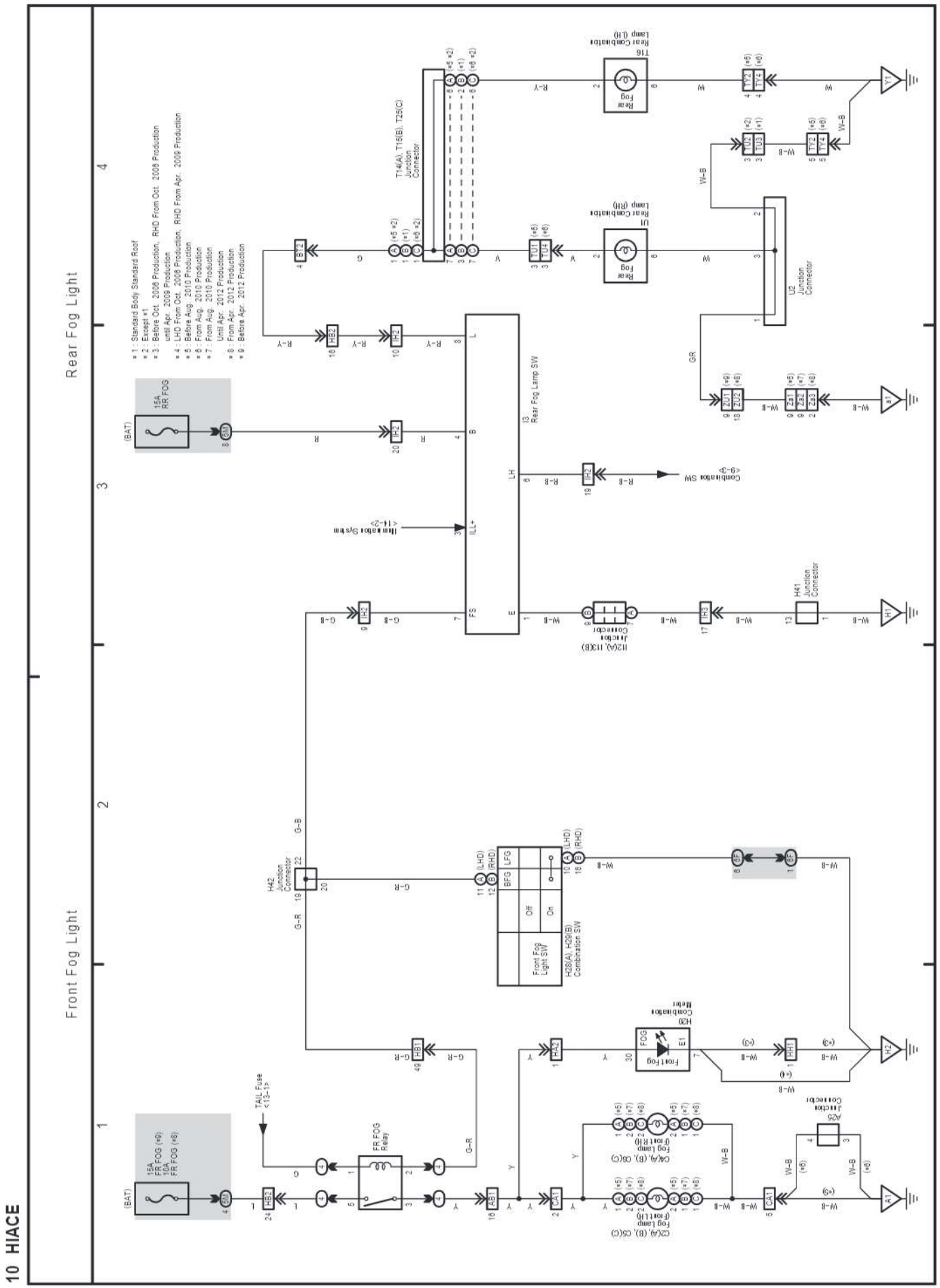


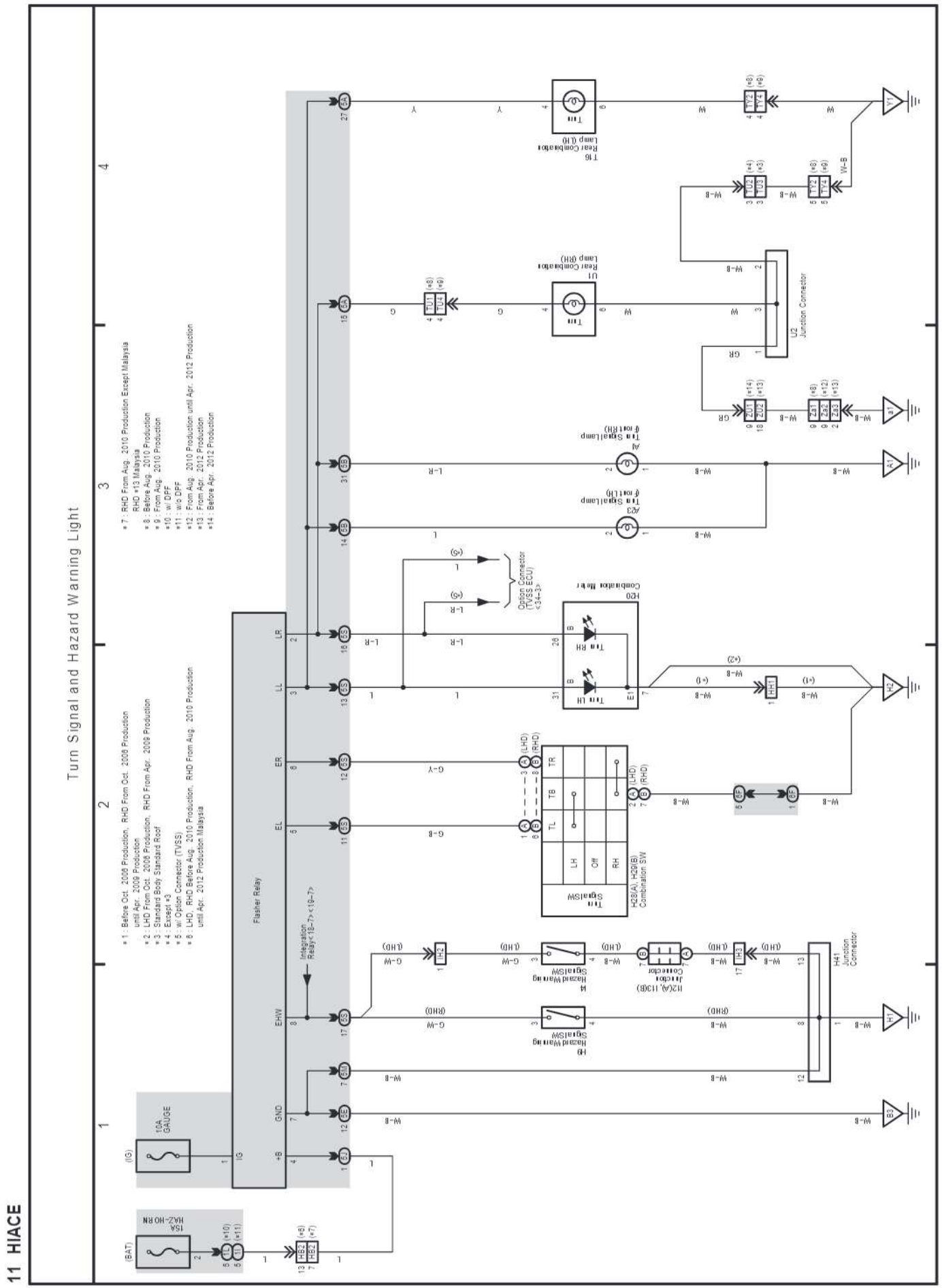

(Cont. next page)
ECT and A/T Indicator (1KD-FTV, 2KD-FTV) (Before Aug. 2010 Production)
*1 : 1KD-FTV
*2 : 2KD-FTV
Engine Control System
Multiplex Communication System (CAN)
Engine ECU
Transmission Control ECU
Combination Meter
Stop Lamp SW
Park/Neutral Position SW
STP Fuse
Junction Connector
MAIN Relay
15A IGN
25A EFI
(IG)
(BAT)
8 HIACE

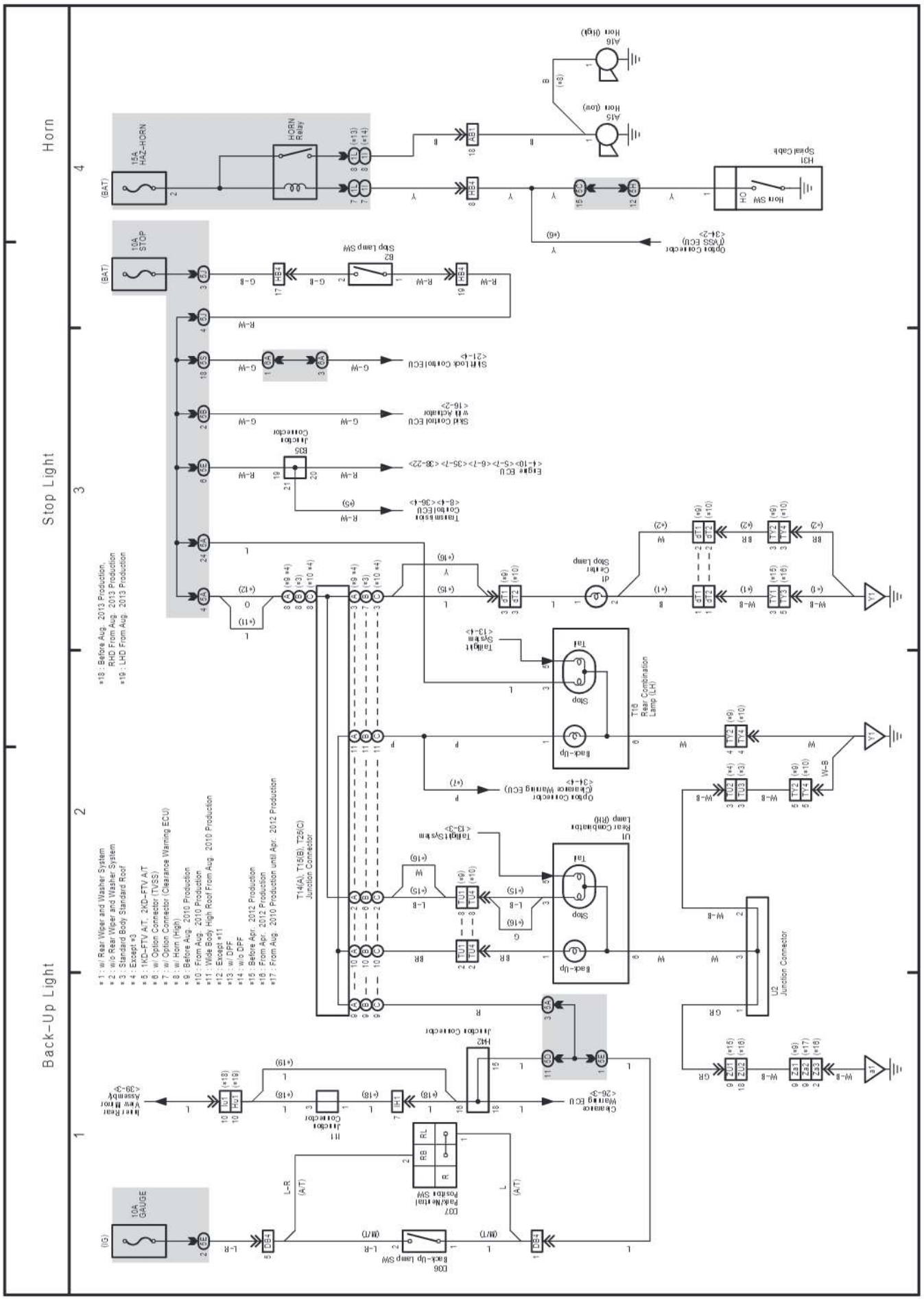
8 HIACE (Cont' d)

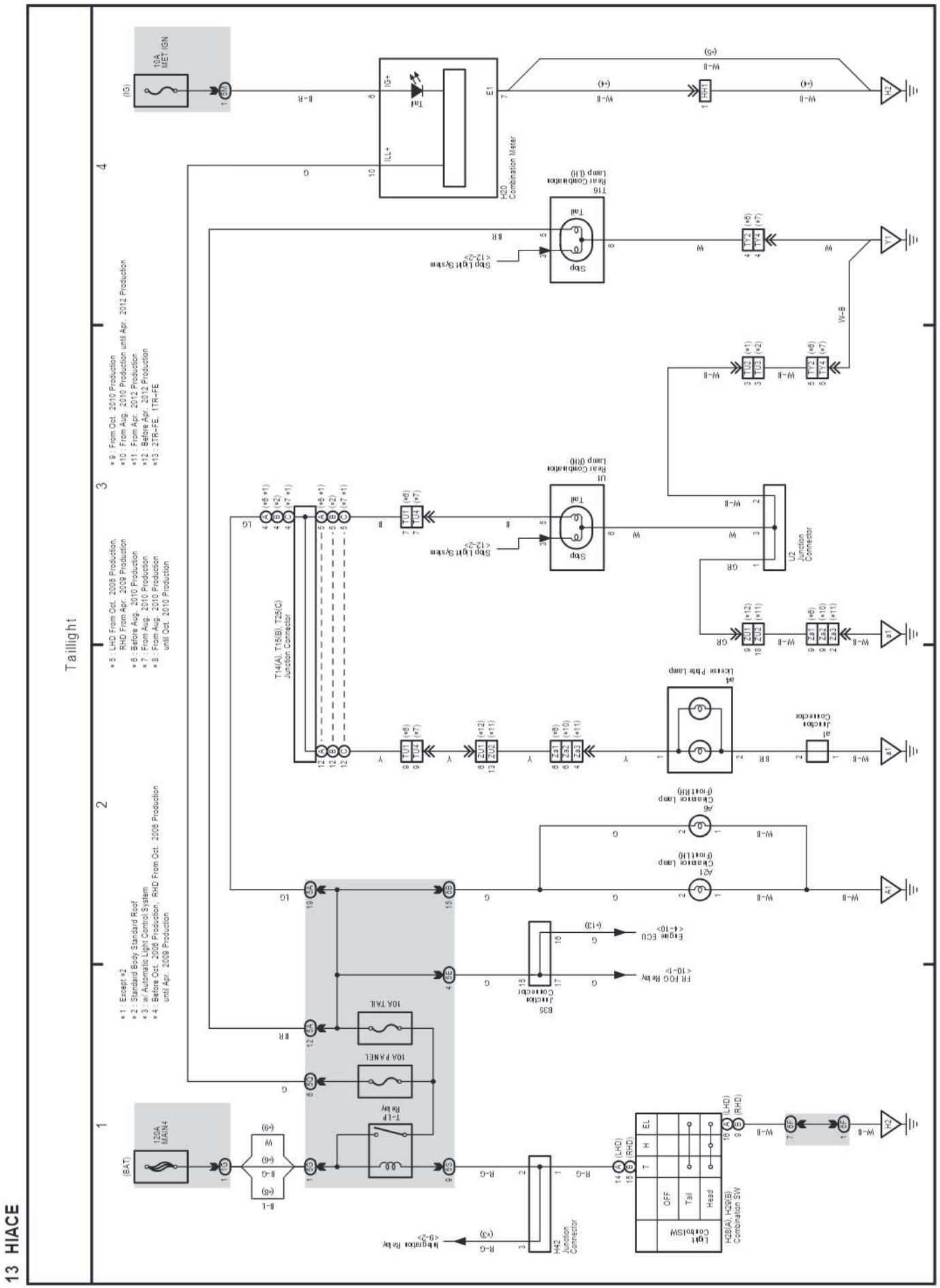


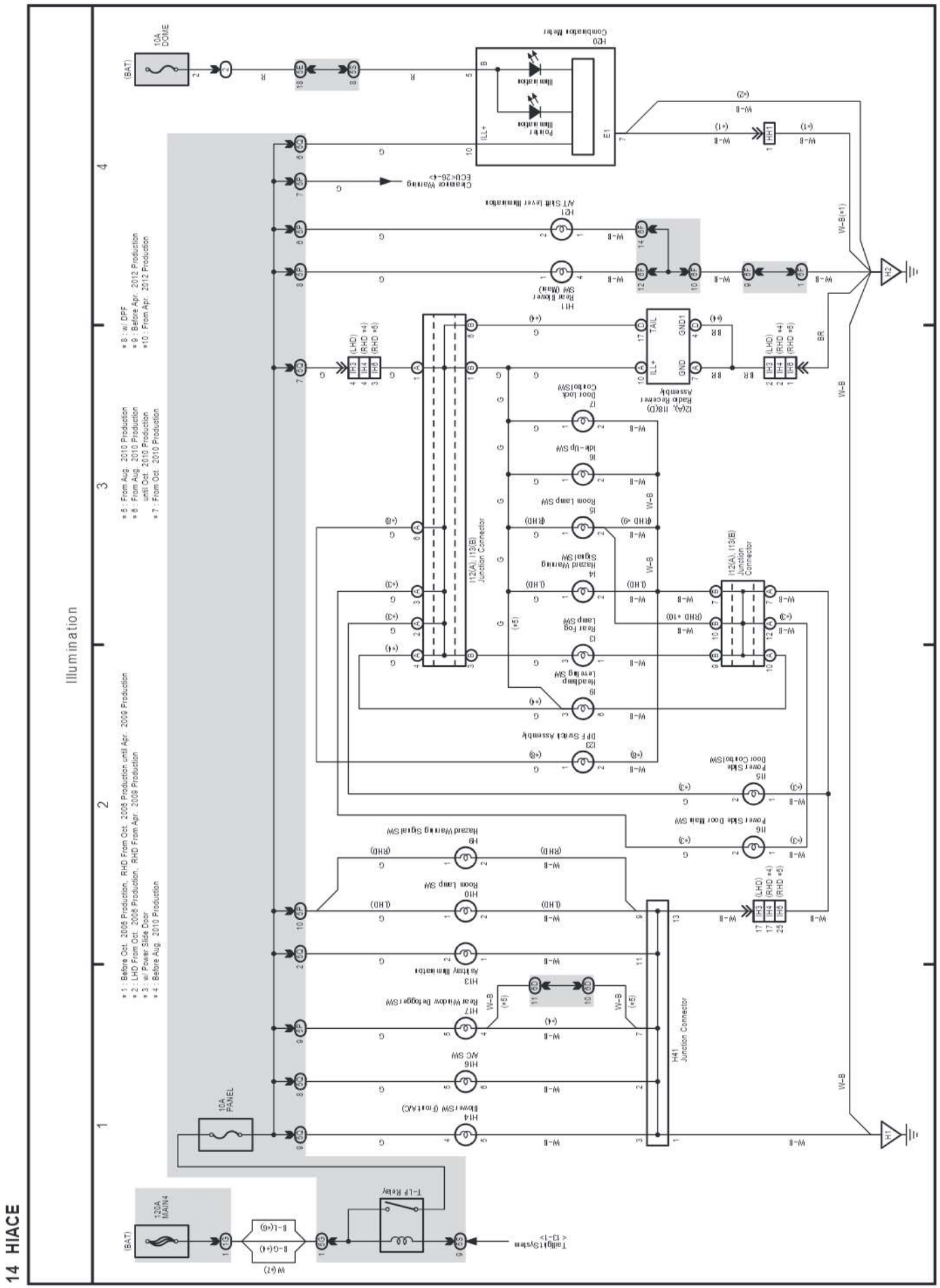

Headlight
Automatic Light Control
1
2
3
4
15A HEAD RH
15A HEAD LH
40A HEAD
HEAD Relay
(BAT)
A7 Headlamp (RH)
A19 Headlamp (LH)
H20 Combination Meter
High Beam
H2
H1
B2
H41 Junction Connector
H28(A), H29(B) Combination SW
Light Control SW
Dimmer SW
OFF
Tail
Head
AUTO
Low
High
Flash
H39 Diode (Automatic Light Control No. 1)
H38 Diode (Headlight)
H40 Diode (Automatic Light Control No. 2)
Rear Fog Lamp SW <10-3>
A/C Amplifier <30-17>
T-LP Relay <13-1>
Interior Light System <15-6>
H7(A) Integration Relay
I10(A), I22(B) Automatic Light Control Sensor
7.5A ECU-IG
10A ECU-B
* 1 : Before Oct. 2008 Production, RHD From Oct. 2008 Production until Apr. 2009 Production
* 2 : LHD From Oct. 2008 Production, RHD From Apr. 2009 Production
* 3 : Before Apr. 2009 Production
* 4 : From Apr. 2009 Production
* 5 : Before Aug. 2010 Production
* 6 : From Aug. 2010 Production
* 7 : LHD, RHD Before Aug. 2010 Production
* 8 : RHD From Aug. 2010 Production

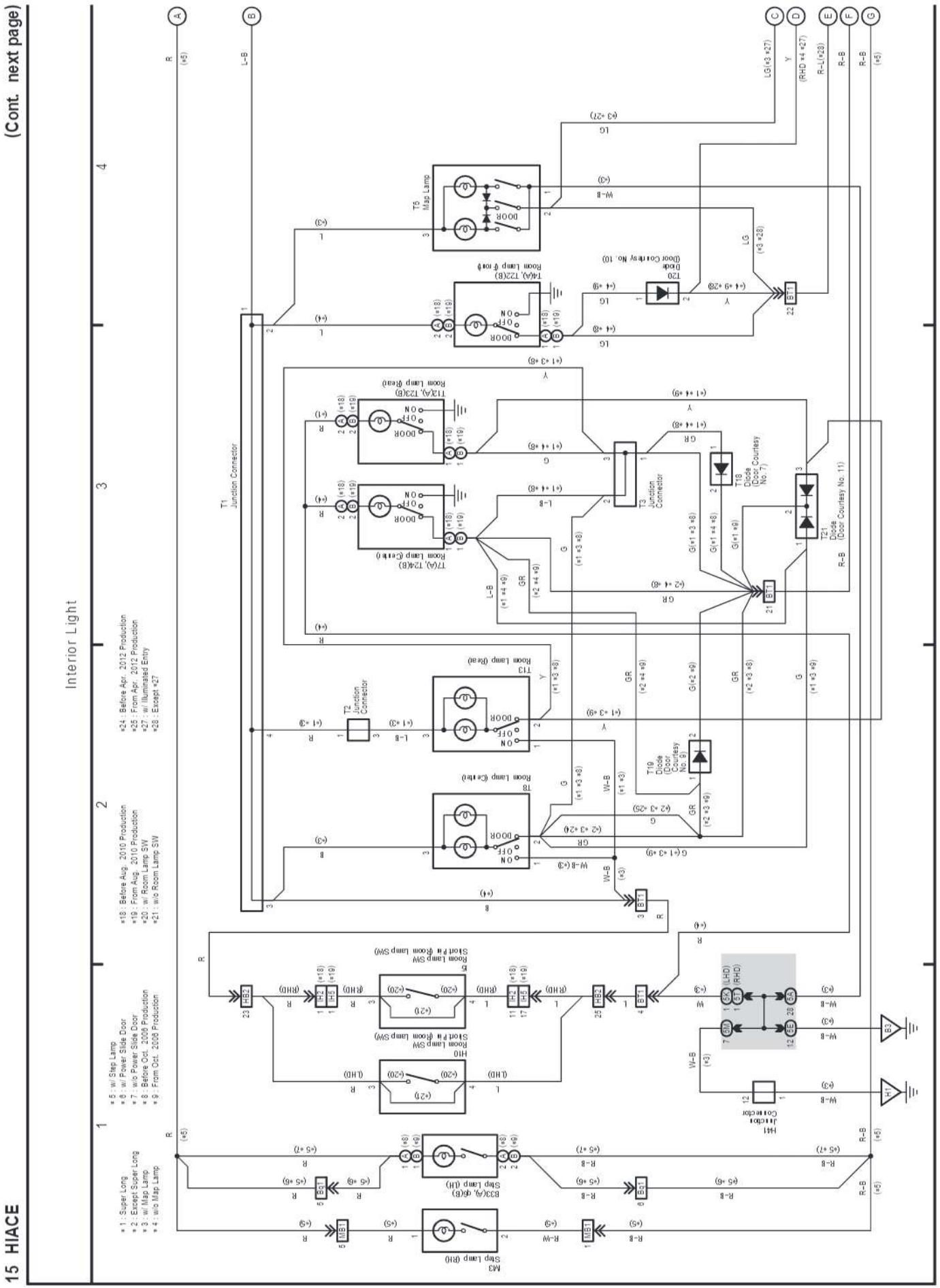

10 HIACE
Front Fog Light
Rear Fog Light
1
2
3
4
(BAT)
15A FR FOG (*9) 10A FR FOG (*8)
15A RR FOG
TAIL Fuse <1S-1>
FR FOG Relay
Front Fog Light SW
Off
On
BFG LFG
Front Fog Lamp (RH)
Front Fog Lamp (LH)
Rear Fog Lamp (RH)
Rear Fog Lamp (LH)
Combination Meter
Combination SW
Illumination System
Rear Fog Lamp SW
Junction Connector
* 1 : Standard Body Standard Roof
* 2 : Except *1
* 3 : Before Oct. 2008 Production, RHD From Oct. 2008 Production until Apr. 2009 Production
* 4 : LHD From Oct. 2008 Production, RHD From Apr. 2009 Production
* 5 : Before Aug. 2010 Production
* 6 : From Aug. 2010 Production
* 7 : From Aug. 2010 Production Until Apr. 2012 Production
* 8 : From Apr. 2012 Production
* 9 : Before Apr. 2012 Production


Turn Signal and Hazard Warning Light
11 HIACE
Flasher Relay
Integration Relay<*18~*7><*19~*7>
Option Connector (TVSS ECU) <*34~3>
Combination Meter
H20
Turn LH
Turn RH
Turn SignalSW
H28(A), H29(B) Combination SW
Hazard WarningSignalSW
H2 Junction Connector
H41 Junction Connector
T16 Rear Combination Lamp (LH)
U1 Rear Combination Lamp (RH)
U2 Junction Connector
Turn Signal Lamp (Front RH)
Turn Signal Lamp (Front LH)
10A GAUGE
15A HAZ-HORN
* 1 : Before Oct. 2008 Production, RHD From Oct. 2008 Production until Apr. 2009 Production
* 2 : LHD From Oct. 2008 Production, RHD From Apr. 2009 Production
* 3 : Standard Body Standard Roof
* 4 : Except *3
* 5 : w/ Option Connector (TVSS)
* 6 : LHD, RHD Before Aug. 2010 Production, RHD From Aug. 2010 Production until Apr. 2012 Production Malaysia
* 7 : RHD From Aug. 2010 Production Except Malaysia RHD *13 Malaysia
* 8 : Before Aug. 2010 Production
* 9 : From Aug. 2010 Production
*10 : w/ DPF
*11 : w/o DPF
*12 : From Aug. 2010 Production until Apr. 2012 Production
*13 : From Apr. 2012 Production
*14 : Before Apr. 2012 Production


12 HIACE
Horn
Stop Light
Back-Up Light
1
2
3
4
(BAT)
15A HAZ-HORN
HORN Relay
Horn (High)
Horn (Low)
Spiral Cable
Horn SW
Option Connector (TVSS ECU) <34-2>
10A STOP
Stop Lamp SW
Shift Lock Control ECU <21-4>
Skid Control ECU w/ Actuator <16-2>
Junction Connector
Engine ECU <4-10> <5-7> <6-7> <35-7> <38-22>
Transponder Control ECU <8-4> <36-4>
Stop Lamp
Tail
Stop
Back-Up
Rear Combination Lamp (LH)
Rear Combination Lamp (RH)
Tail Light System <13-4>
Tail Light System <13-3>
Clearance Warning ECU <31-4>
Inner Rear View Mirror Assembly <39-3>
Clearance Warning ECU <26-3>
Junction Connector
T14(A), T15(B), T26(C) Junction Connector
U2 Junction Connector
10A GAUGE
(IG)
D37 Park/Neutral Position SW
D36 Back-up Lamp SW
(A/T)
(M/T)
*1 : w/ Rear Wiper and Washer System
*2 : w/o Rear Wiper and Washer System
*3 : Standard Body Standard Roof
*4 : Except *3
*5 : 1KD-FTV A/T, 2KD-FTV A/T
*6 : w/ Option Connector (TVSS)
*7 : w/ Option Connector (Clearance Warning ECU)
*8 : w/ Horn (High)
*9 : Before Aug., 2010 Production
*10 : From Aug., 2010 Production
*11 : Wide Body High Roof From Aug., 2010 Production
*12 : Except *11
*13 : w/ DPF
*14 : w/o DPF
*15 : Before Apr., 2012 Production
*16 : From Apr., 2012 Production
*17 : From Aug., 2010 Production until Apr., 2012 Production
*18 : Before Aug., 2013 Production, RHD From Aug., 2013 Production
*19 : LHD From Aug., 2013 Production

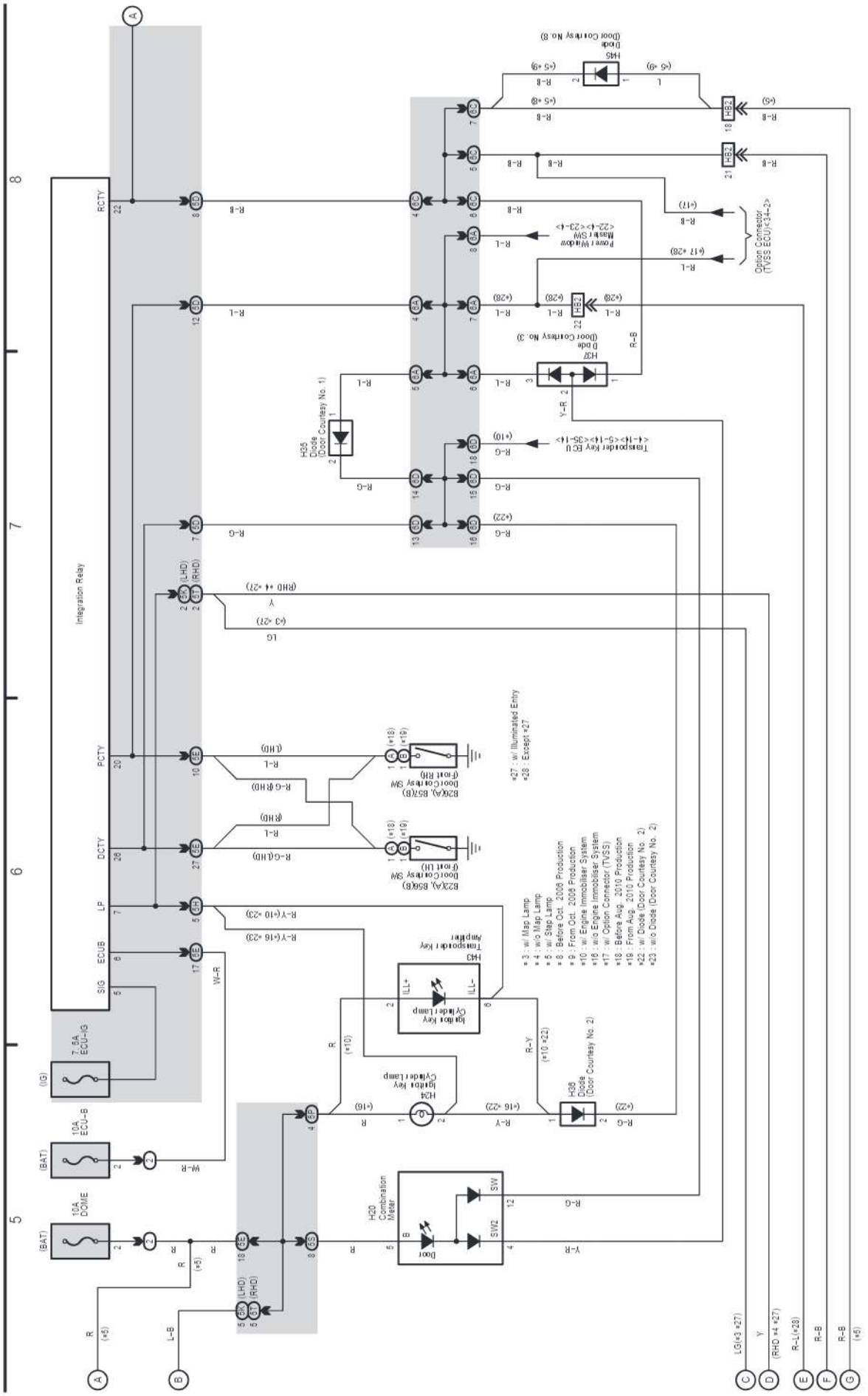

13 HIACE
Taillight
10A MET IGN
(IG)
IG+
ILL+
Tail
E1
H20 Combination Meter
(*4)
(*5)
W-B
1HH1
H2
T16 Rear Combination Lamp (LH)
Stop
Tail
Stop Light System <12>
BR
W
T2 (*6) T4 (*7)
Y2
Y
W-B
T2 (*1) T3 (*2)
TX2 (*6) TX4 (*7)
U1 Rear Combination Lamp (RH)
U2 Junction Connector
GR
T4(A), T15(B), T26(C) Junction Connector
LG
T8
TU1 (*6) TU4 (*7)
Z01 (*12) Z02 (*11)
Z3 (*8) Z32 (*10) Z33 (*11)
A4 License Plate Lamp
A1 Junction Connector
A21 Clearance Lamp (Front LH)
A6 Clearance Lamp (Front RH)
B35 Junction Connector
Engine ECU <4-10>
FR FOG Relay <10-1>
10A TAIL
10A PANEL
T-I/P Relay
120A MAIN4
(BAT)
B-G
B-L
R-G
H42 Junction Connector
Integration Relay <9-2>
H28(A), H29(B) Combination SW
Light Control SW
OFF
Tail
Head
EL
H
T
(LHD)
(RHD)
1GF
2GF
* 1 : Except *2
* 2 : Standard Body Standard Roof
* 3 : w/ Automatic Light Control System
* 4 : Before Oct. 2008 Production, RHD From Oct. 2008 Production until Apr. 2009 Production
* 5 : LHD From Oct. 2008 Production, RHD From Apr. 2009 Production
* 6 : Before Aug. 2010 Production
* 7 : From Aug. 2010 Production
* 8 : From Aug. 2010 Production until Oct. 2010 Production
* 9 : From Oct. 2010 Production
* 10 : From Aug. 2010 Production until Apr. 2012 Production
* 11 : From Apr. 2012 Production
* 12 : Before Apr. 2012 Production
* 13 : 2TR-FE, 1TR-FE

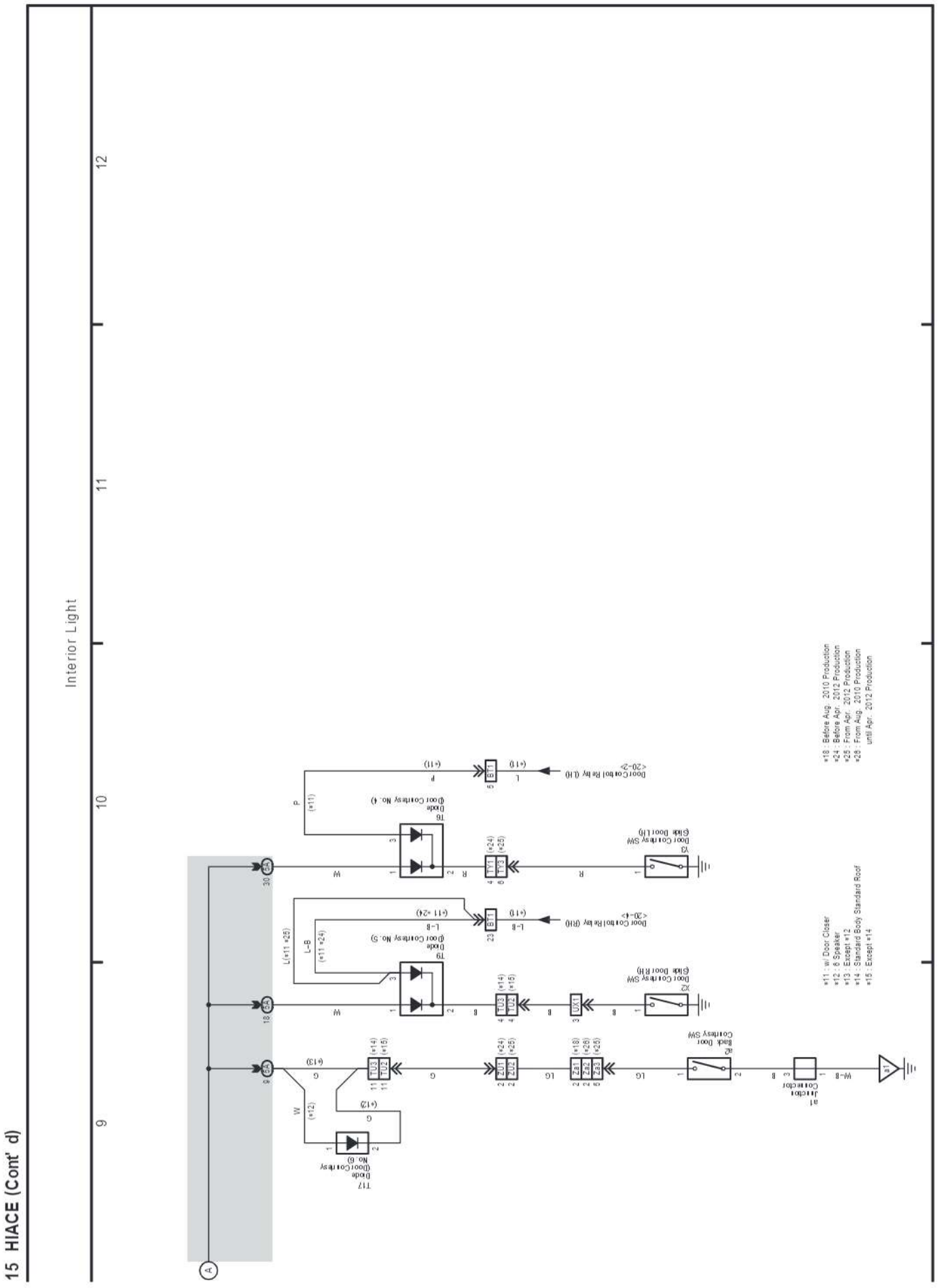

14 HIACE
Illumination
(BAT)
120A MAIN4
10A PANEL
10A DOME
T-LP Relay
Taillight System <13-1>
Combination Meter
Clearance Warning ECU<26-4>
Rear Blower SW (Main)
Blower SW (Front A/C)
Rear Window Defogger SW
Assist Illumination
Room Lamp SW
Hazard Warning Signal SW
Power Slide Door Main SW
Power Slide Door Control SW
Door Lock Control SW
Idle-Up SW
Room Lamp SW
Hazard Warning Signal SW
Rear Fog Lamp SW
Headlamp Leveling SW
DPF Switch Assembly
A/C SW
Rear Window Defogger SW
Assist Illumination
Blower SW (Front A/C)
Radio Receiver Assembly
12(A), 18(D)
I12(A), I13(B) Junction Connector
H41 Junction Connector
* 1 : Before Oct. 2008 Production, RHD From Oct. 2008 Production until Apr. 2009 Production
* 2 : LHD From Oct. 2008 Production, RHD From Apr. 2009 Production
* 3 : w/ Power Slide Door
* 4 : Before Aug. 2010 Production
* 5 : From Aug. 2010 Production until Oct. 2010 Production
* 6 : From Aug. 2010 Production
* 7 : From Oct. 2010 Production
* 8 : w/ DPF
* 9 : Before Apr. 2012 Production
*10 : From Apr. 2012 Production

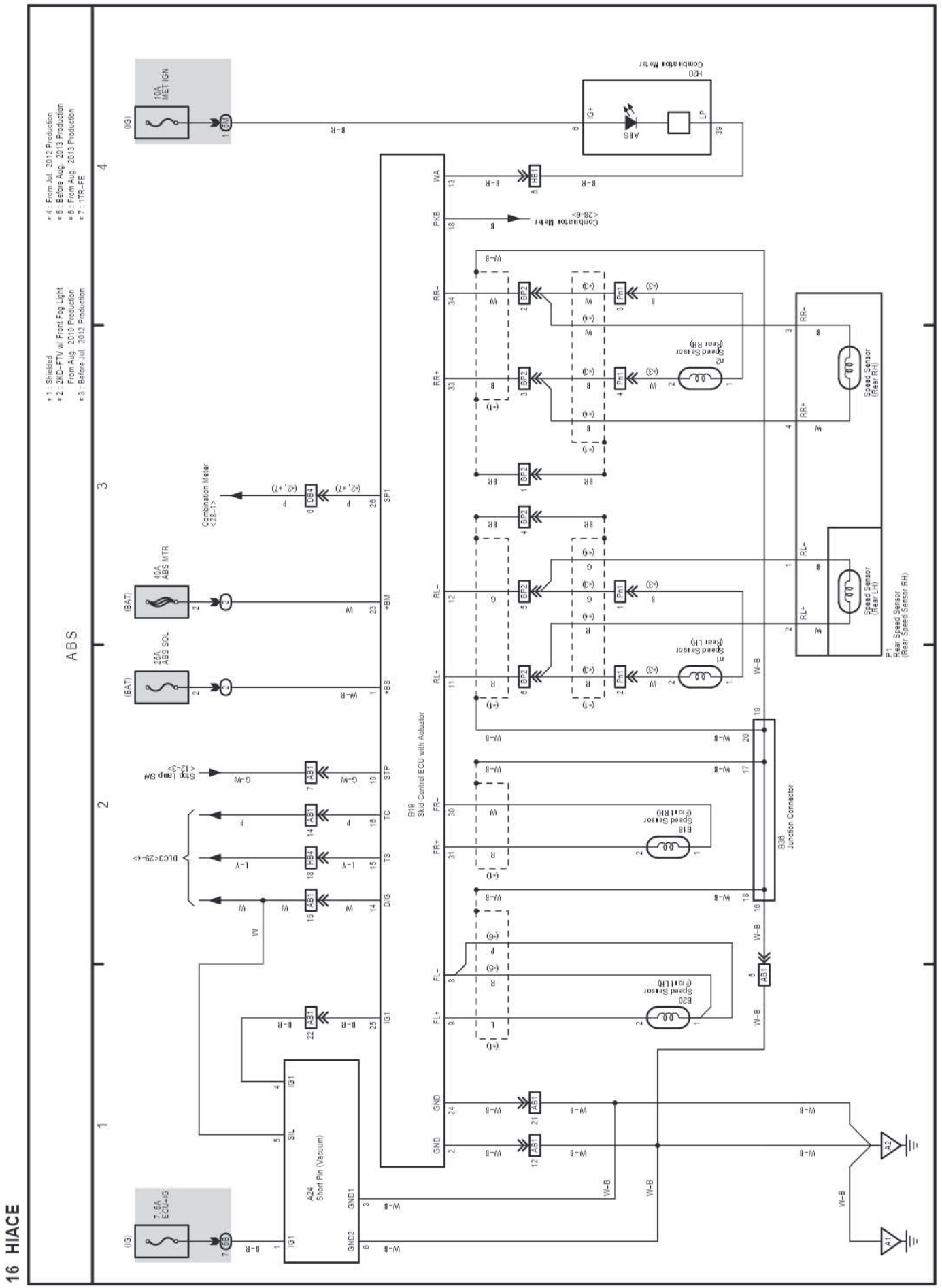

(Cont. next page)
Interior Light
15 HIACE
* 1 : Super Long
* 2 : Except Super Long
* 3 : w/ Map Lamp
* 4 : w/o Map Lamp
* 5 : w/ Step Lamp
* 6 : w/ Power Slide Door
* 7 : w/o Power Slide Door
* 8 : Before Oct. 2006 Production
* 9 : From Oct. 2006 Production
*18 : Before Aug. 2010 Production
*19 : From Aug. 2010 Production
*20 : w/ Room Lamp SW
*21 : w/o Room Lamp SW
*24 : Before Apr. 2012 Production
*25 : From Apr. 2012 Production
*27 : w/ Illuminated Entry
*28 : Except *27
T1 Junction Connector
T2 Junction Connector
T3 Junction Connector
T5 Map Lamp
T6 Map Lamp
T7(A), T24(B) Room Lamp (Center)
T8 Room Lamp (Center)
T13(A), T23(B) Room Lamp (Rear)
T13 Room Lamp (Rear)
T14(A), T22(B) Room Lamp (Front)
T18 Diode (Door Courtesy No. 7)
T19 Diode (Door Courtesy No. 8)
T20 Diode (Door Courtesy No. 10)
T21 Diode (Door Courtesy No. 11)
M13 Step Lamp (RH)
B33(A), 4(B) Step Lamp (LH)
H10 Room Lamp SW Sliding Door Lamp SW
H41 Junction Connector
DOOR
ON
OFF

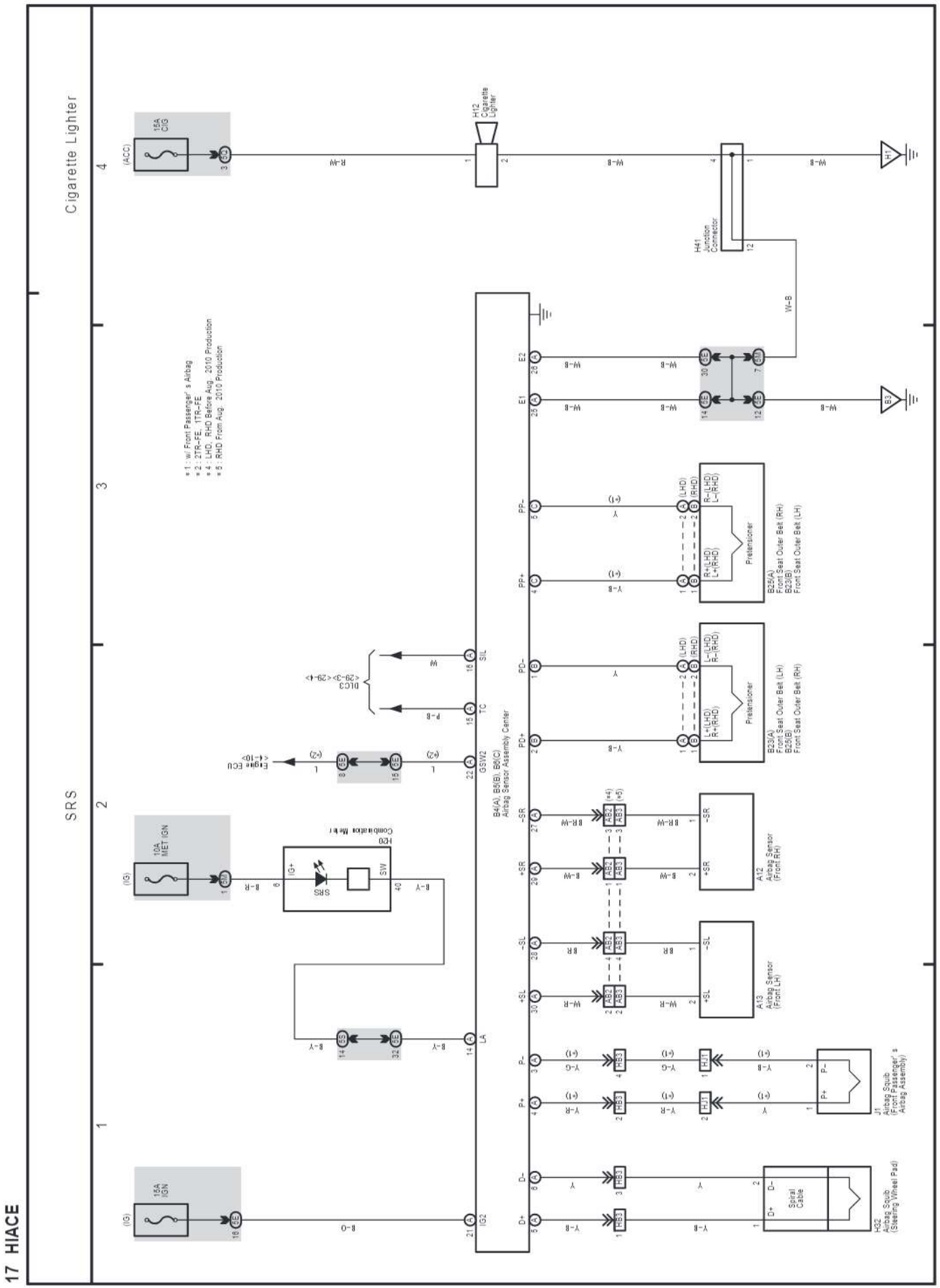
15 HIACE (Cont' d)

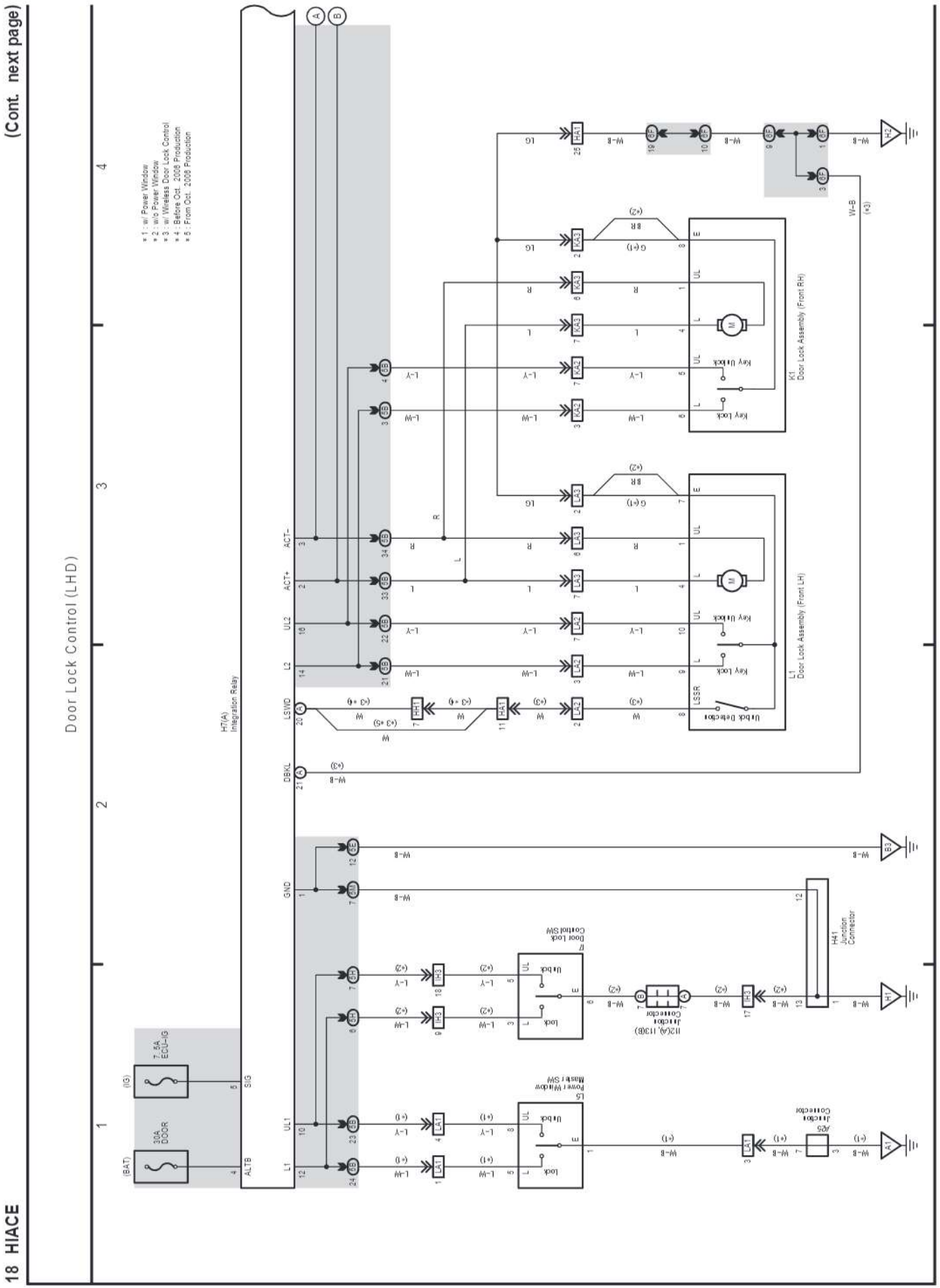
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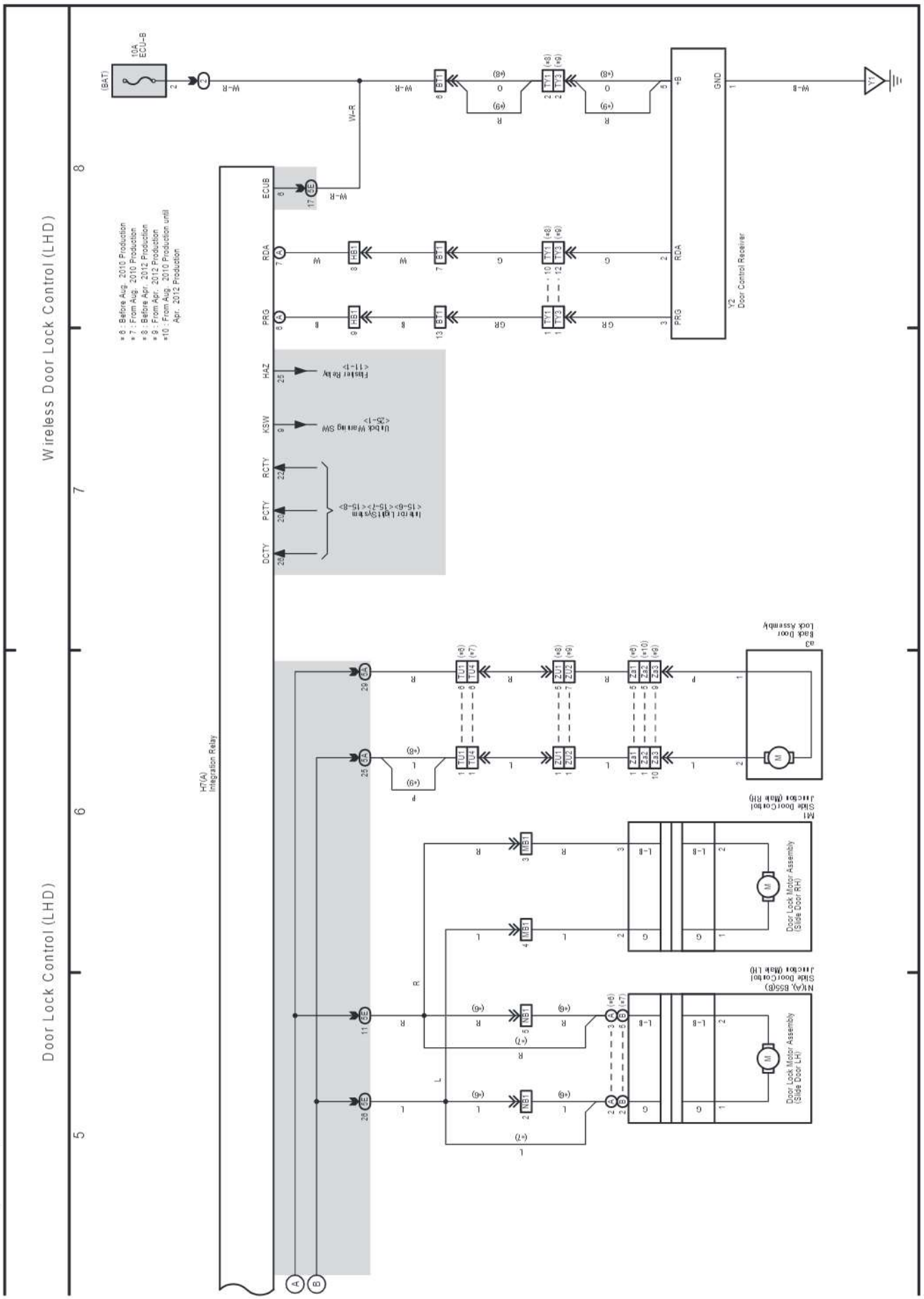

15 HIACE (Cont' d)
Interior Light
9
10
11
12
Door Control Relay (LH)
<20-2>
Door Control Relay (RH)
<20-4>
Door Courtesy SW
Slide Door LH
Door Courtesy SW
Slide Door RH
Back Door Courtesy SW
Door Courtesy Diode No. 4
Door Courtesy Diode No. 5
Door Courtesy Diode No. 6
Door Courtesy Diode No. 7
Interconnect Junction Block
*11 : w/ Door Closer
*12 : 6 Speaker
*13 : Except *12
*14 : Standard Body Standard Roof
*15 : Except *14
*18 : Before Aug., 2010 Production
*24 : Before Apr., 2012 Production
*25 : From Apr., 2012 Production
*26 : From Aug., 2010 Production until Apr., 2012 Production

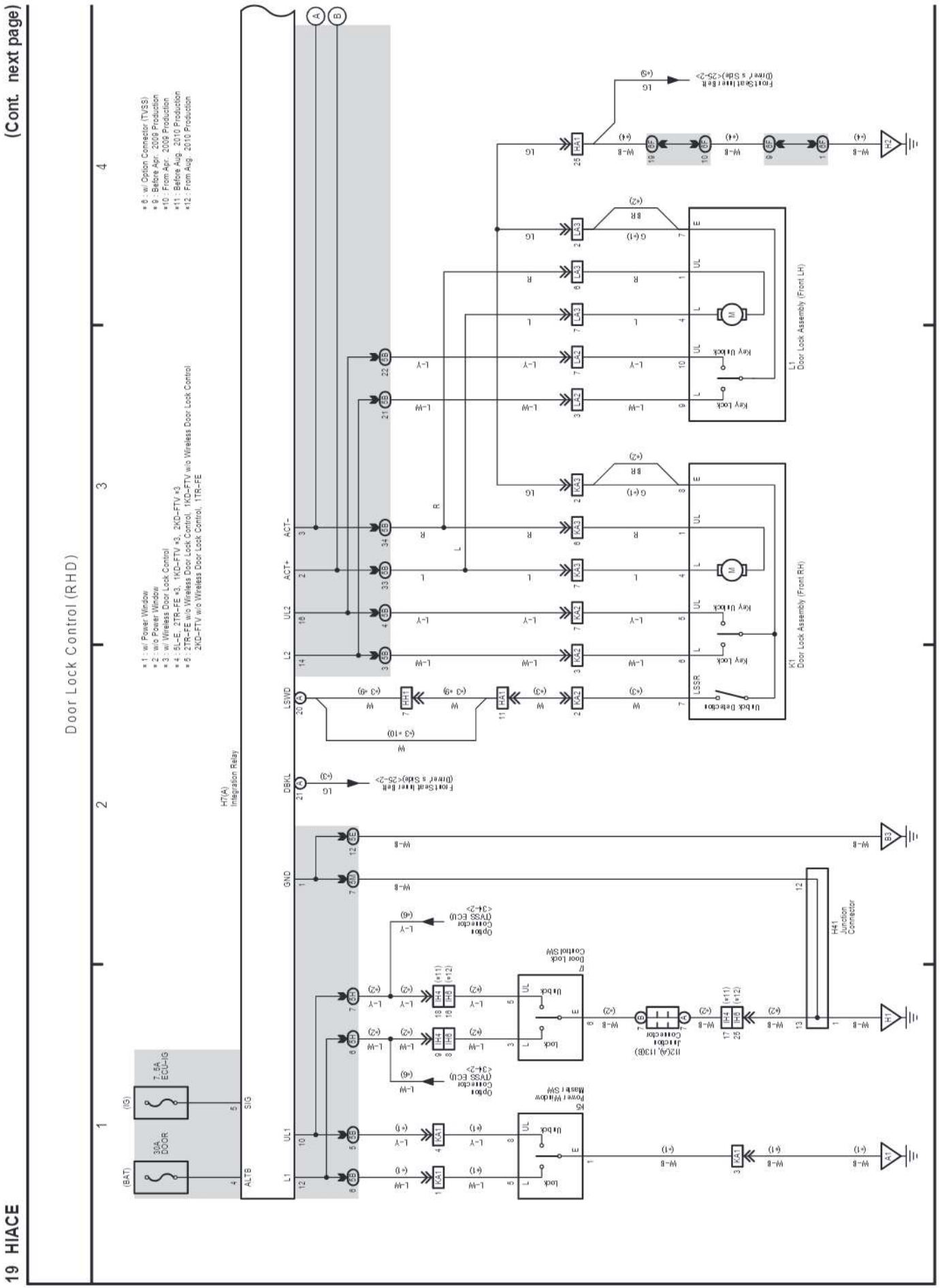

16 HIACE
ABS
*1 : Shielded
*2 : 2KD-FTV w/ Front Fog Light
From Aug. 2010 Production
*3 : Before Jul. 2012 Production
*4 : From Jul. 2012 Production
*5 : Before Aug. 2013 Production
*6 : From Aug. 2013 Production
*7 : 1TR-FE
10A MET IGN
7.5A ECU-IG
40A ABS MTR
25A ABS SOL
A24 Short Pin (Vacuum)
B19 Skid Control ECU with Actuator
B36 Junction Connector
Combination Meter
Stop Lamp SW
DLC3
Speed Sensor (Rear RH)
Speed Sensor (Rear LH)
Rear Speed Sensor (Rear Speed Sensor RH)
Speed Sensor (Front RH)
Speed Sensor (Front LH)
ABS
Combination Meter
H20
A1
A2


17 HIACE
SRS
Cigarette Lighter
1
2
3
4
* 1 : w/ Front Passenger' s Airbag
* 2 : 2TR-FE, 1TR-FE
* 4 : LHD, RHD Before Aug., 2010 Production
* 5 : RHD From Aug., 2010 Production
10A MET IGN
15A CIG
15A IGN
H12 Cigarette Lighter
H41 Junction Connector
B4(A), B5(B), B6(C) Airbag Sensor Assembly Center
B26(A) Front Seat Outer Belt (RH) B23(B) Front Seat Outer Belt (LH)
B23(A) Front Seat Outer Belt (LH) B26(B) Front Seat Outer Belt (RH)
Pretensioner
A12 Airbag Sensor (Front RH)
A13 Airbag Sensor (Front LH)
J1 Airbag Squib (Front Passenger' s Airbag Assembly)
H32 Airbag Squib (Steering Wheel Pad)
Spiral Cable
H20 Combination Meter
SRS
DLC3
Engine ECU
GSW2
SIL
TC
LA
IG1
IG2
SW
E1
E2
PP+
PP-
PD+
PD-
+SR
-SR
+SL
-SL
P+
P-
D+
D-
W-B
B2
B3

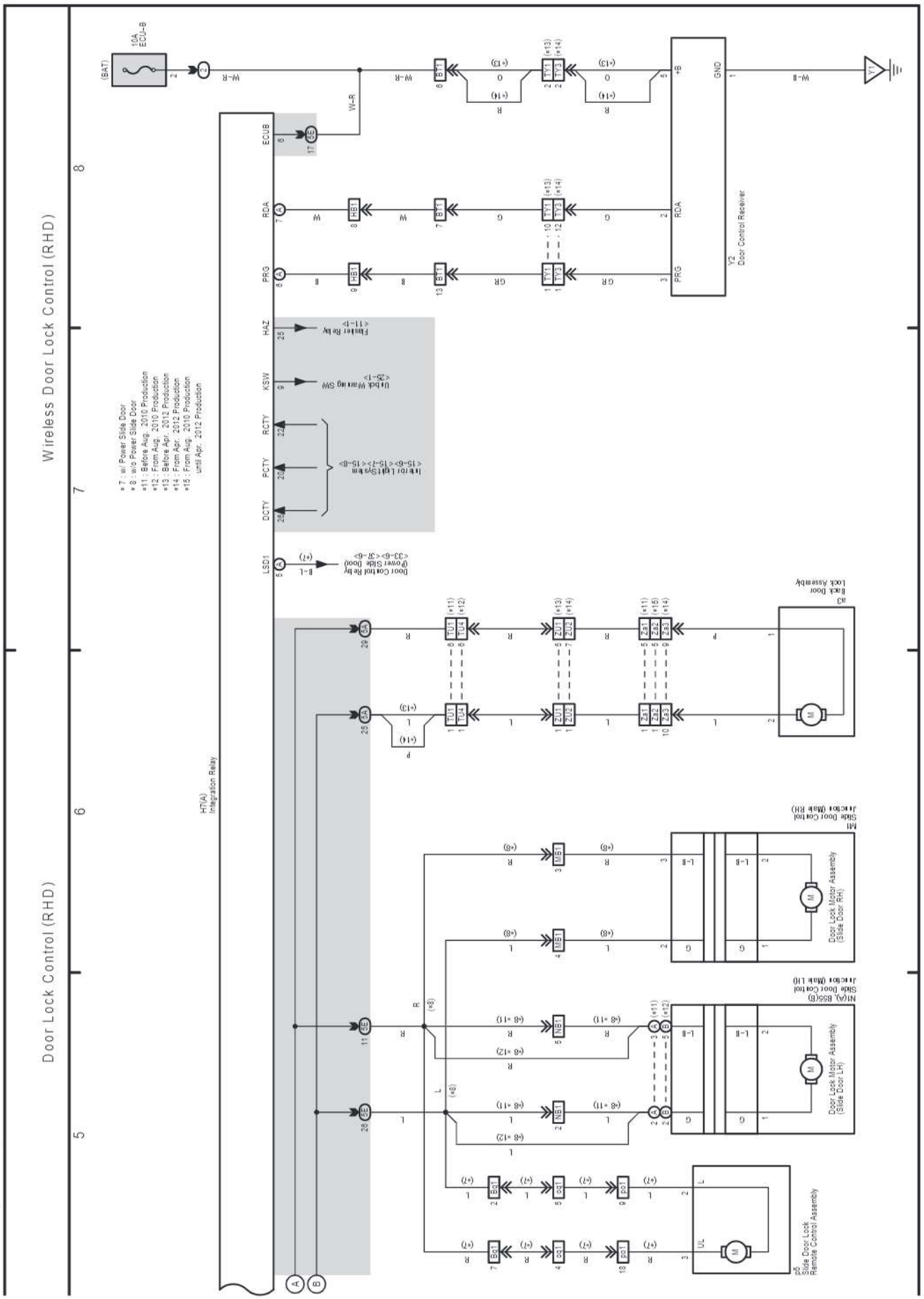

(Cont. next page)
Door Lock Control (LHD)
18 HIACE
* 1 : w/ Power Window
* 2 : w/o Power Window
* 3 : w/ Wireless Door Lock Control
* 4 : Before Oct. 2006 Production
* 6 : From Oct. 2006 Production
H7(A) Integration Relay
ALTB
SIG
ACT-
ACT+
UL2
L2
LSWD
DBKL
GND
UL1
L1
(IG)
(BAT)
7.5A ECU-IG
30A DOOR
K1 Door Lock Assembly (Front RH)
L1 Door Lock Assembly (Front LH)
Key Unlock
Key Lock
Unlock Detection
LSSR
L5 Power Window Master SW
Door Lock Control SW
Unlock
Lock
H41 Junction Connector
I12(A), I13(B) Junction Connector
J25 Junction Connector
W-B
L-Y
L-W
LG
BR
G (*1)
W (*3)

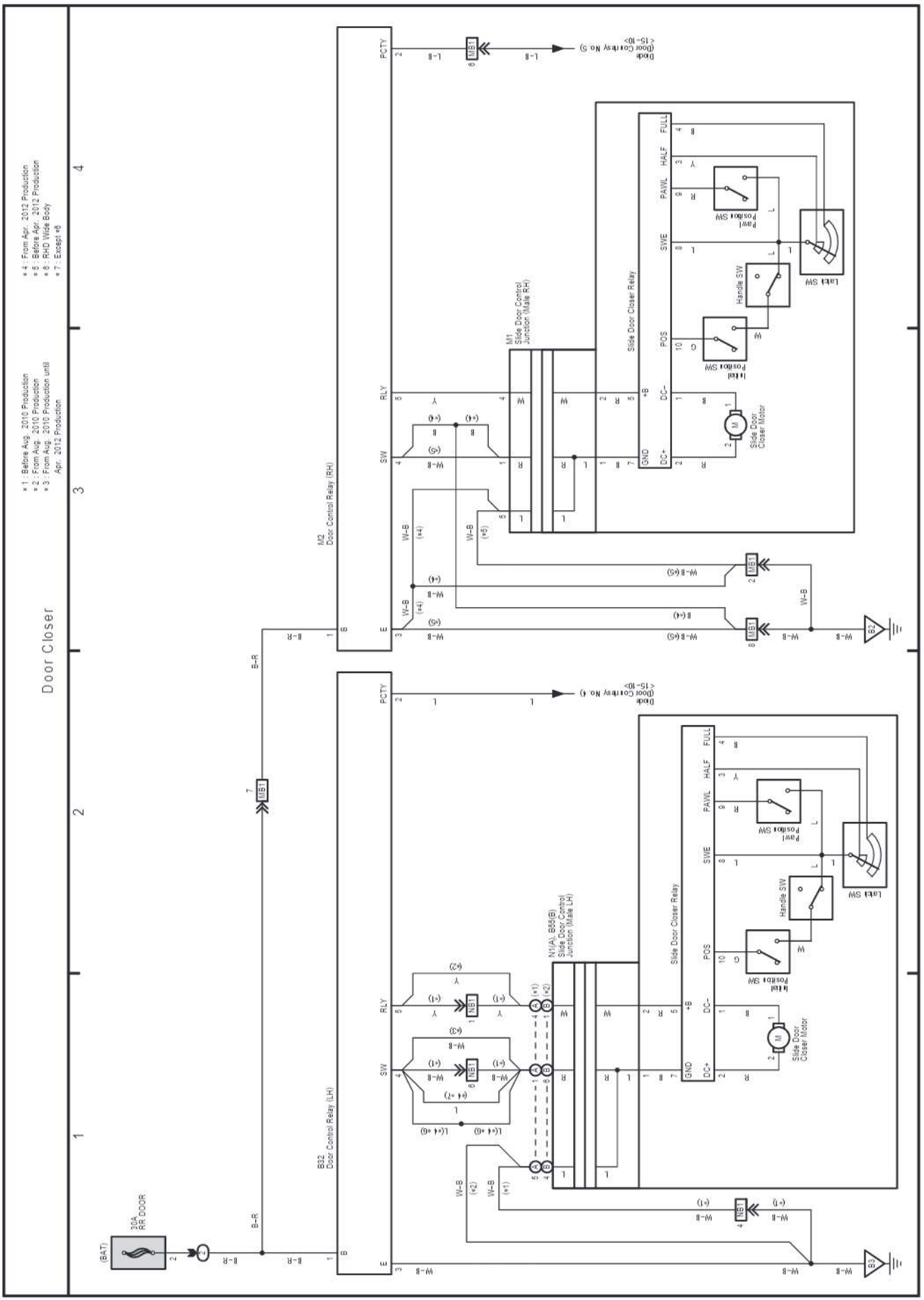
18 HIACE (Cont' d)

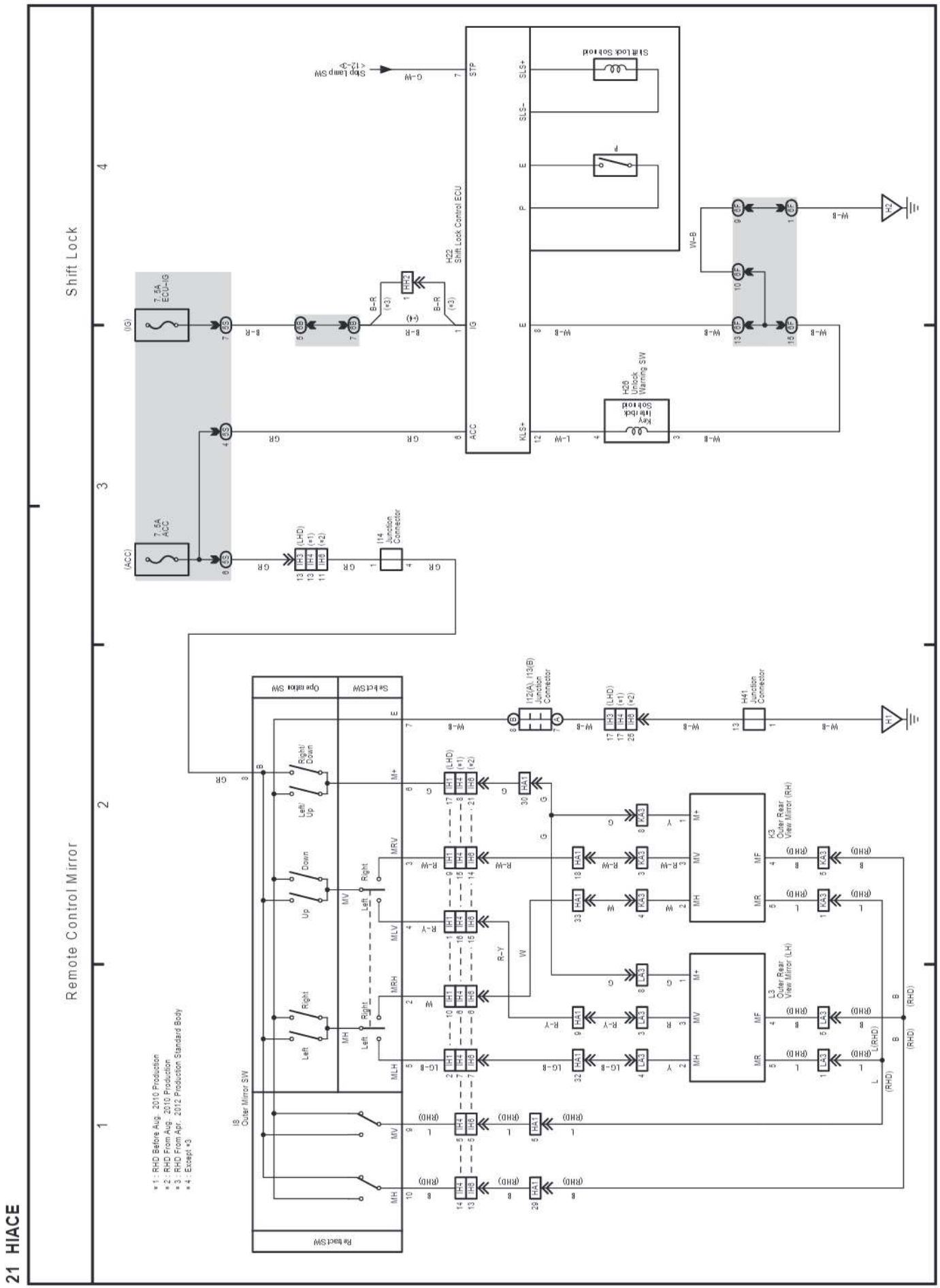


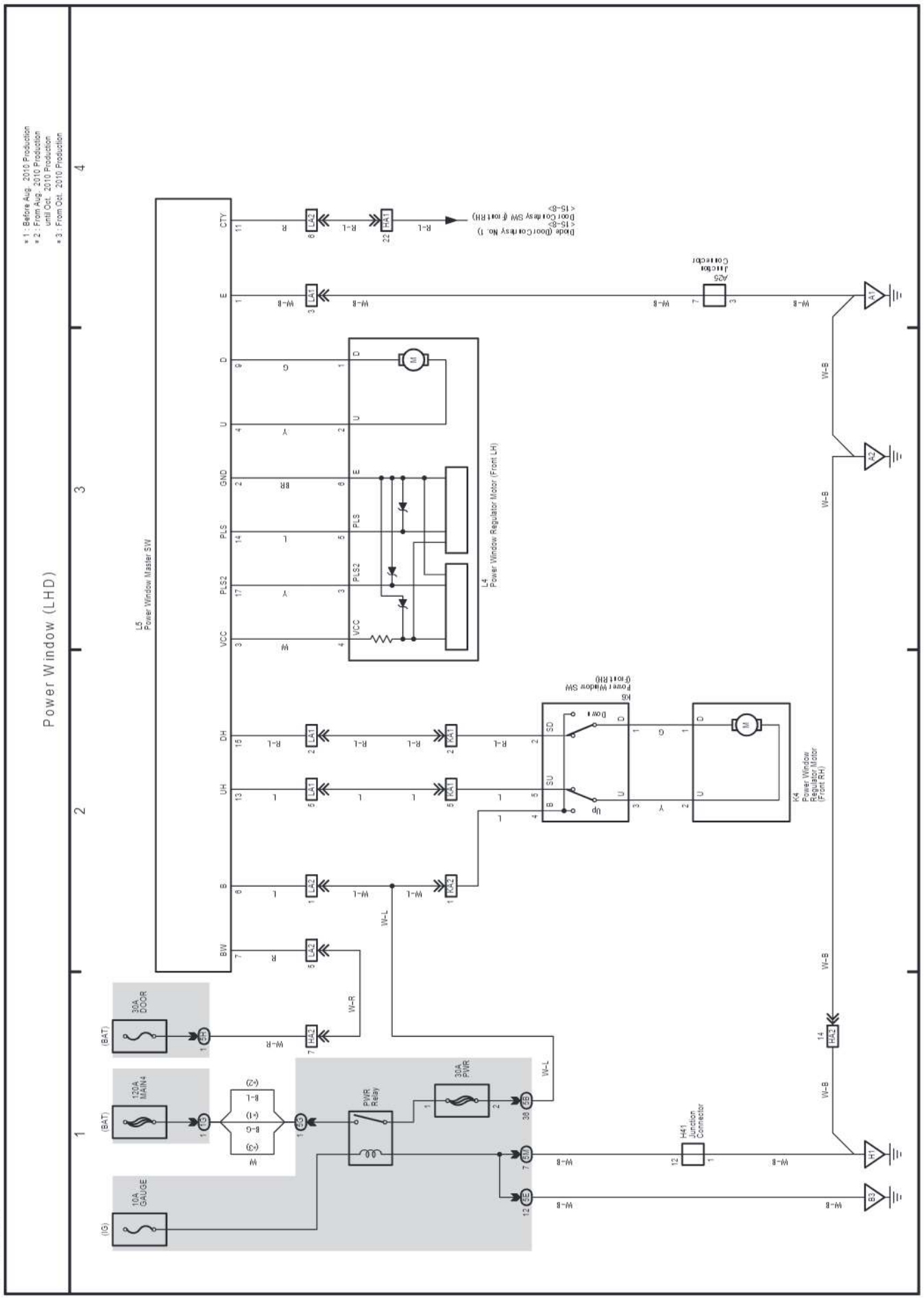

(Cont. next page)
Door Lock Control (RHD)
19 HIACE
* 1 : w/ Power Window
* 2 : w/o Power Window
* 3 : w/ Wireless Door Lock Control
* 4 : 5L-E, 2TR-FE *3, 1KD-FTV *3, 2KD-FTV *3
* 5 : 2TR-FE w/o Wireless Door Lock Control, 1KD-FTV w/o Wireless Door Lock Control
2KD-FTV w/o Wireless Door Lock Control, 1TR-FE
* 6 : w/ Option Connector (TVSS)
* 9 : Before Apr. 2009 Production
*10 : From Apr. 2009 Production
*11 : Before Aug. 2010 Production
*12 : From Aug. 2010 Production
H7(A)
Integration Relay
(BAT)
(IG)
30A
DOOR
7.5A
ECU-IG
ALTB
SIG
L1
UL1
L2
UL2
ACT+
ACT-
LSWD
DBKL
GND
Front Seat Inner Belt
(Driver's Side)<Z5-2>
Option
Connector
(TVSS ECU)
<J4-2>
Door Lock
Control SW
Power Window
Master SW
Key Unlock
Key Lock
Unlock Detection
LSSR
K1
Door Lock Assembly (Front RH)
L1
Door Lock Assembly (Front LH)
H41
Junction
Connector
I12(A), I13(B)
Junction
Connector

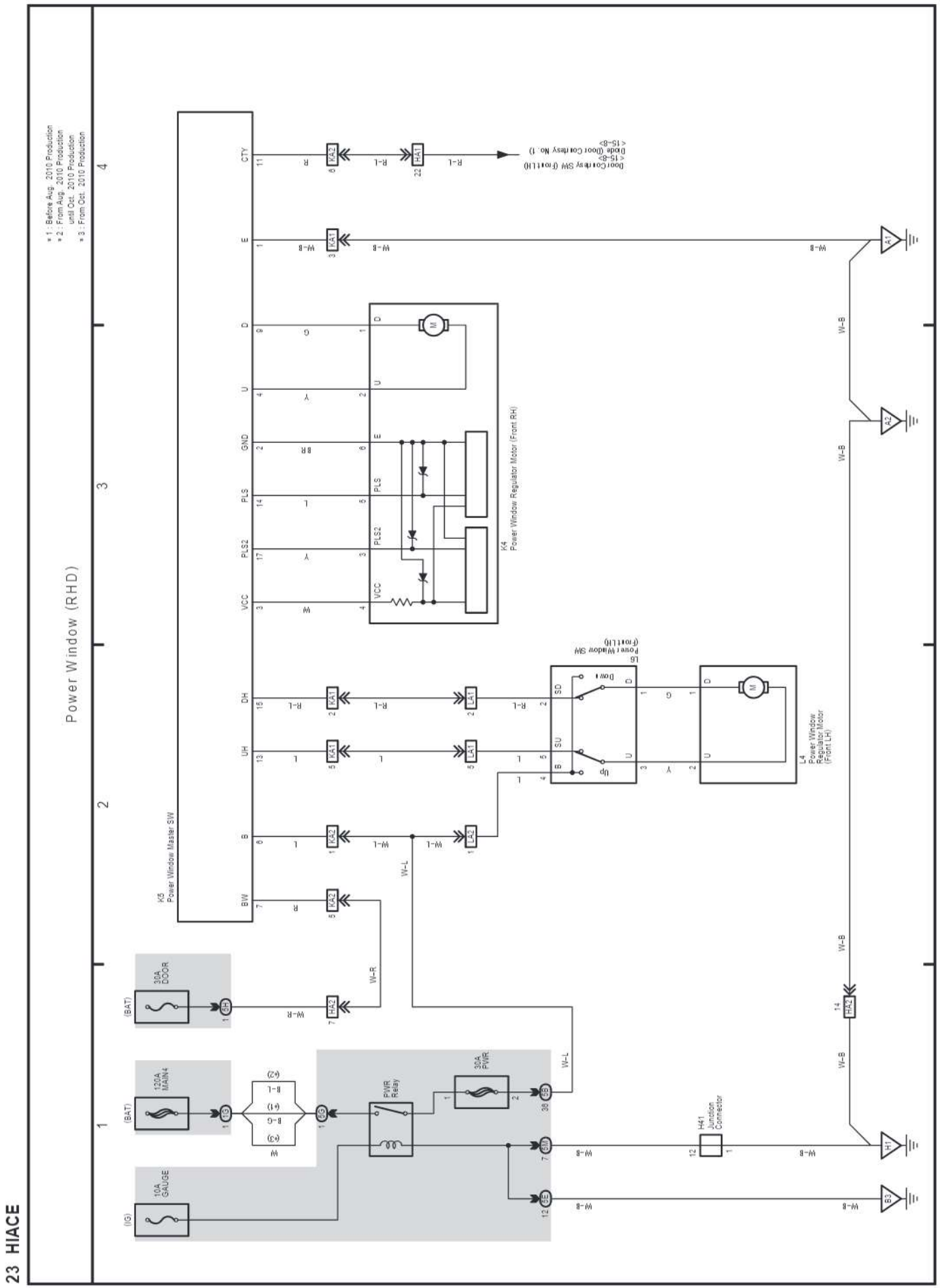
19 HIACE (Cont' d)

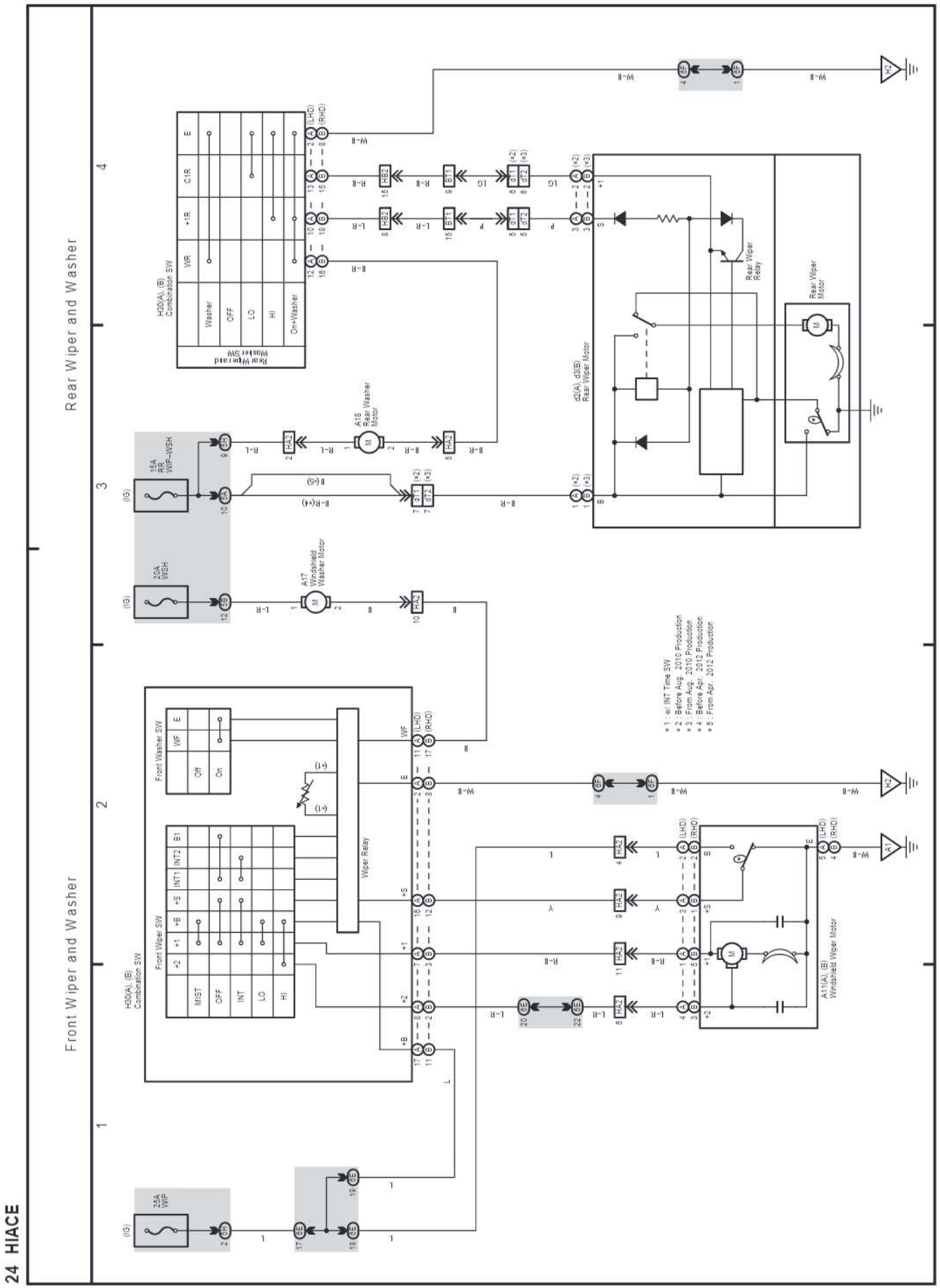


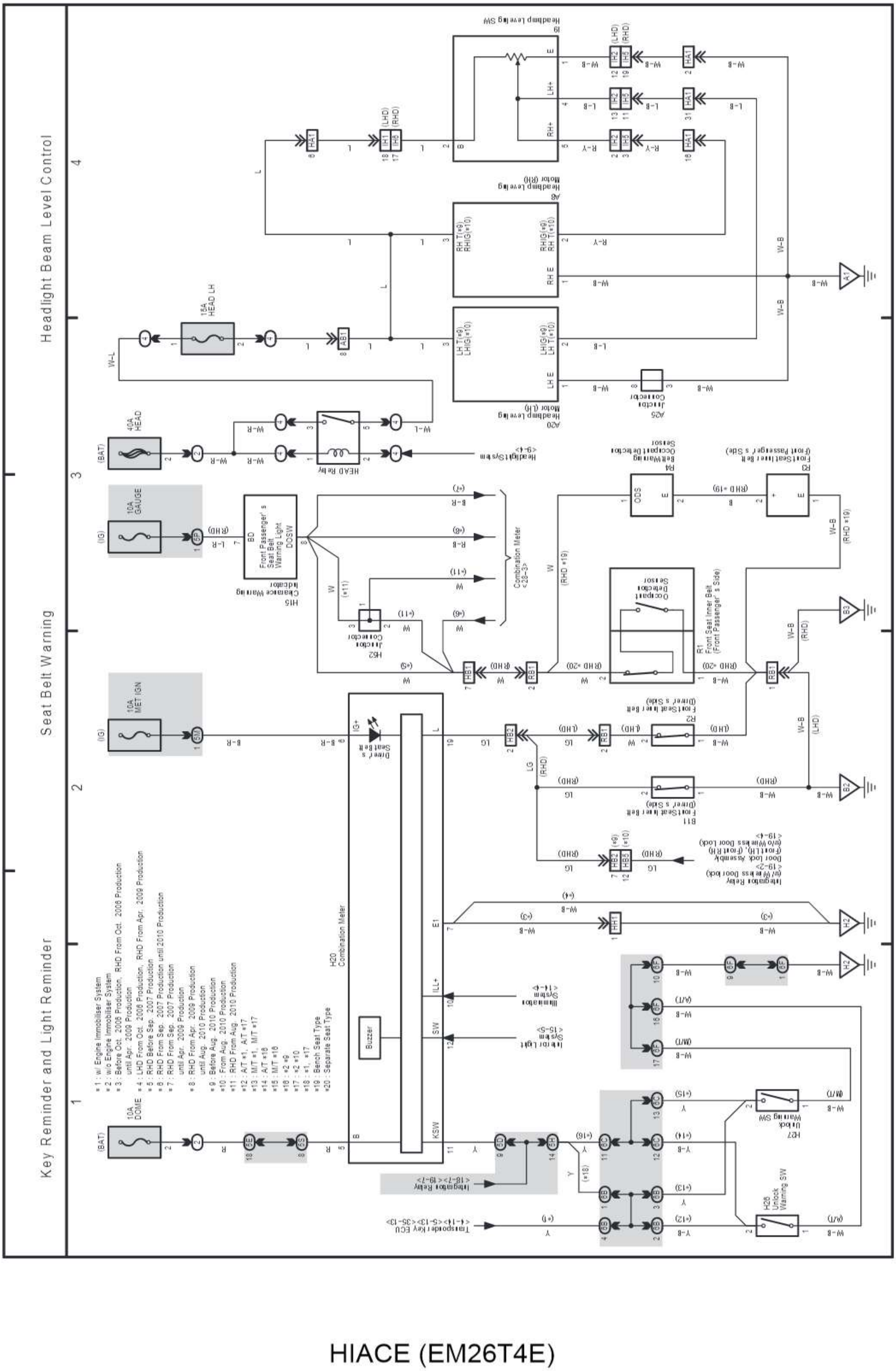

Door Closer
* 1 : Before Aug. 2010 Production
* 2 : From Aug. 2010 Production
* 3 : From Aug. 2010 Production until Apr. 2012 Production
* 4 : From Apr. 2012 Production
* 5 : Before Apr. 2012 Production
* 6 : RHD Wide Body
* 7 : Except *6
M2 Door Control Relay (RH)
B32 Door Control Relay (LH)
M1 Slide Door Control Junction (Male RH)
N1(A), B56(B) Slide Door Control Junction (Male LH)
Slide Door Closer Relay
Slide Door Closer Motor
Handle SW
Latch SW
Pawl Position SW
Latch Position SW
Door Courtesy No. 5
Door Courtesy No. 4
30A RR DOOR
(BAT)
MB1
NB1
B-R
W-B
L-B
L


21 HIACE
Remote Control Mirror
Shift Lock
1
2
3
4
Stop lamp SW
A12-3
Shift Lock Solenoid
H22
Shift Lock Control ECU
STP
SLS+
SLS-
E
P
IG
ACC
KLS+
7.5A
ECU-IG
7.5A
ACC
(IG)
(ACC)
H2
H1
H26
Unlock
Warning SW
Key
Interlock
Solenoid
I14
Junction
Connector
I12(A), I13(B)
Junction
Connector
H41
Junction
Connector
(LHD)
(*1)
(*2)
I8
Outer Mirror SW
Operation SW
Select SW
Retract SW
Left/
Up
Right/
Down
Left
Right
Up
Down
K3
Outer Rear
View Mirror (RH)
L3
Outer Rear
View Mirror (LH)
M+
MV
MF
MR
MH
MRV
MLV
MRH
MLH
(RHD)
* 1 : RHD Before Aug., 2010 Production
* 2 : RHD From Aug., 2010 Production
* 3 : RHD From Apr., 2012 Production Standard Body
* 4 : Except *3

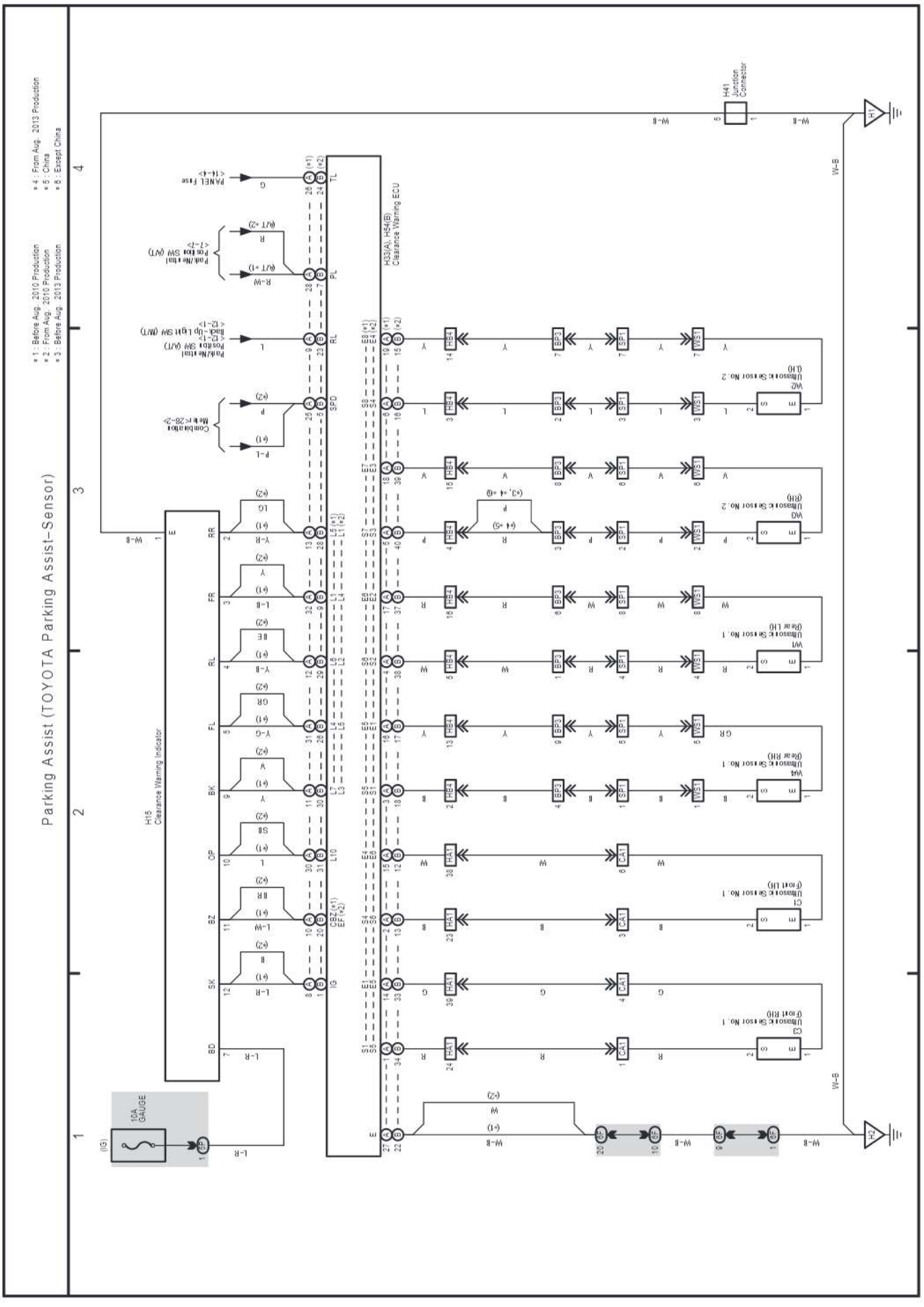

Power Window (LHD)
* 1 : Before Aug., 2010 Production
* 2 : From Aug., 2010 Production until Oct., 2010 Production
* 3 : From Oct., 2010 Production
L5 Power Window Master SW
L4 Power Window Regulator Motor (Front LH)
K6 Power Window SW (Front RH)
K4 Power Window Regulator Motor (Front RH)
Diode (Door Courtesy No. 1) <15-83>
Door Courtesy SW (Front RH) <15-83>
Junction Connector J25
Junction Connector H41
PWR Relay
30A DOOR
120A MAIN4
30A PWR
10A GAUGE
(BAT)
(IG)
CTY
E
D
U
GND
PLS
PLS2
VCC
DH
UH
B
BW
Down
Up

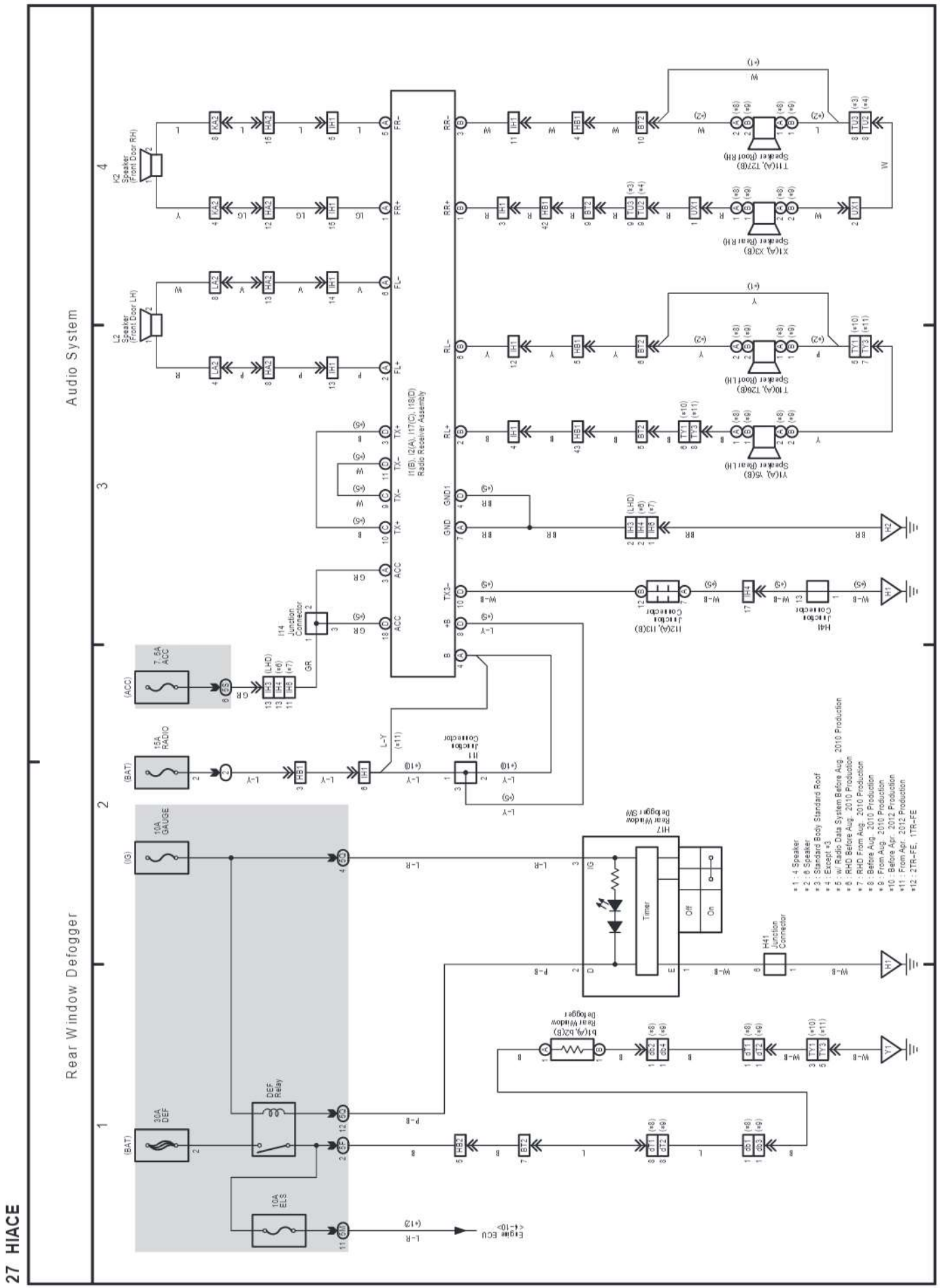

23 HIACE
Power Window (RHD)
* 1 : Before Aug., 2010 Production
* 2 : From Aug., 2010 Production until Oct., 2010 Production
* 3 : From Oct., 2010 Production
K5 Power Window Master SW
K4 Power Window Regulator Motor (Front RH)
L4 Power Window Regulator Motor (Front LH)
L5 Power Window SW (Front LH)
Door Courtesy SW (Front LH) <15-8>
Door Courtesy No. 1 Diode <15-8>
30A DOOR
120A MAIN4
10A GAUGE
30A PWR
PWR Relay
H41 Junction Connector
CTY
E
D
U
GND
PLS
PLS2
VCC
DH
UH
B
BW
Door
Up
(BAT)
IG
W-B
W-L
W-R
R-L
L
Y
G
BR
B-G
B-L
W

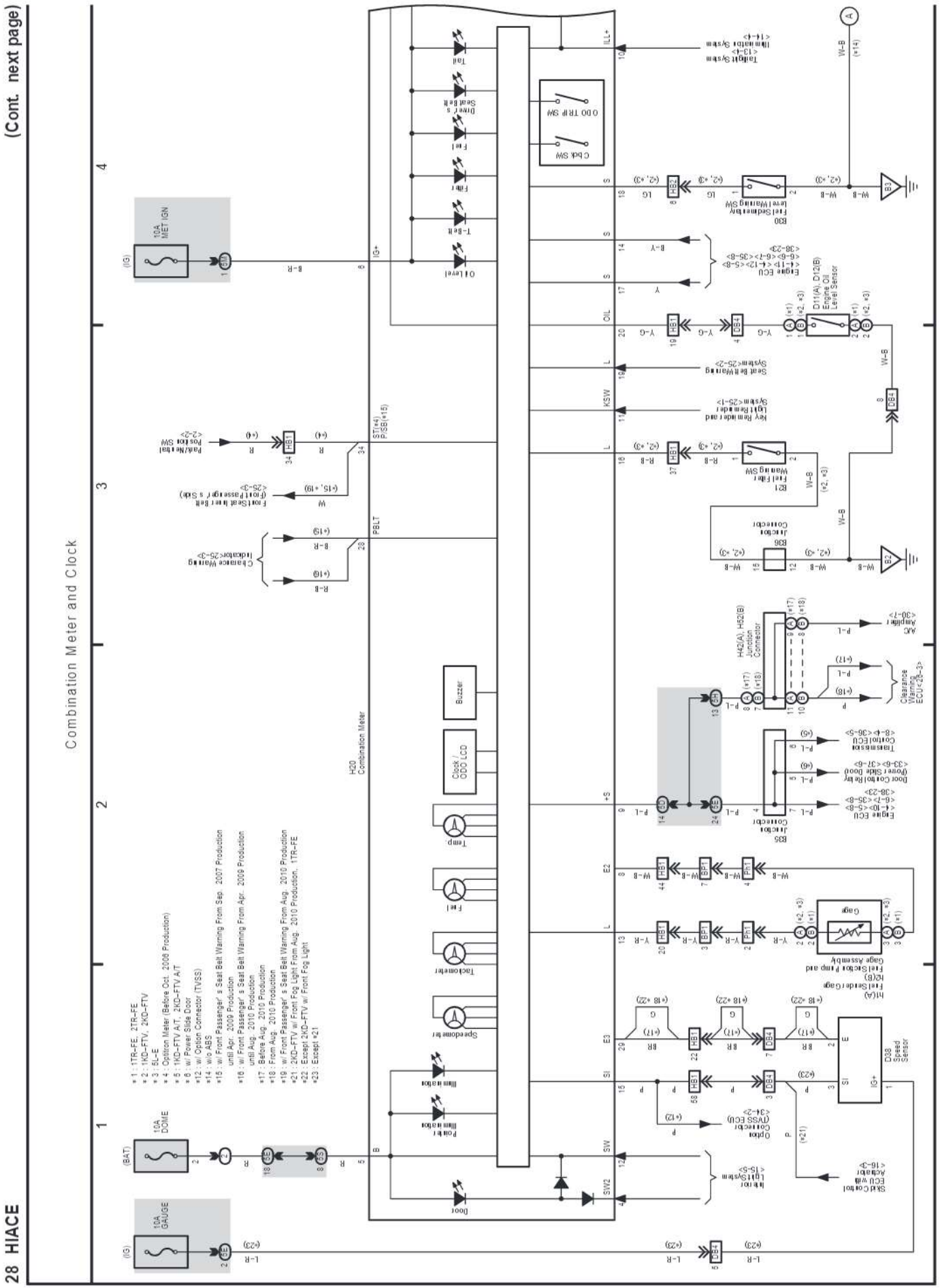

Rear Wiper and Washer
Front Wiper and Washer
Rear Wiper and Washer SW
Rear Wiper Relay
Rear Wiper Motor
Front Washer SW
Front Wiper SW
Wiper Relay
Windshield Washer Motor
Rear Washer Motor
Windshield Wiper Motor
Combination SW
15A RR WIP-WSH
20A WSH
25A WIP
* 1 : w/ INT Time SW
* 2 : Before Aug., 2010 Production
* 3 : From Aug., 2010 Production
* 4 : Before Apr., 2012 Production
* 5 : From Apr., 2012 Production



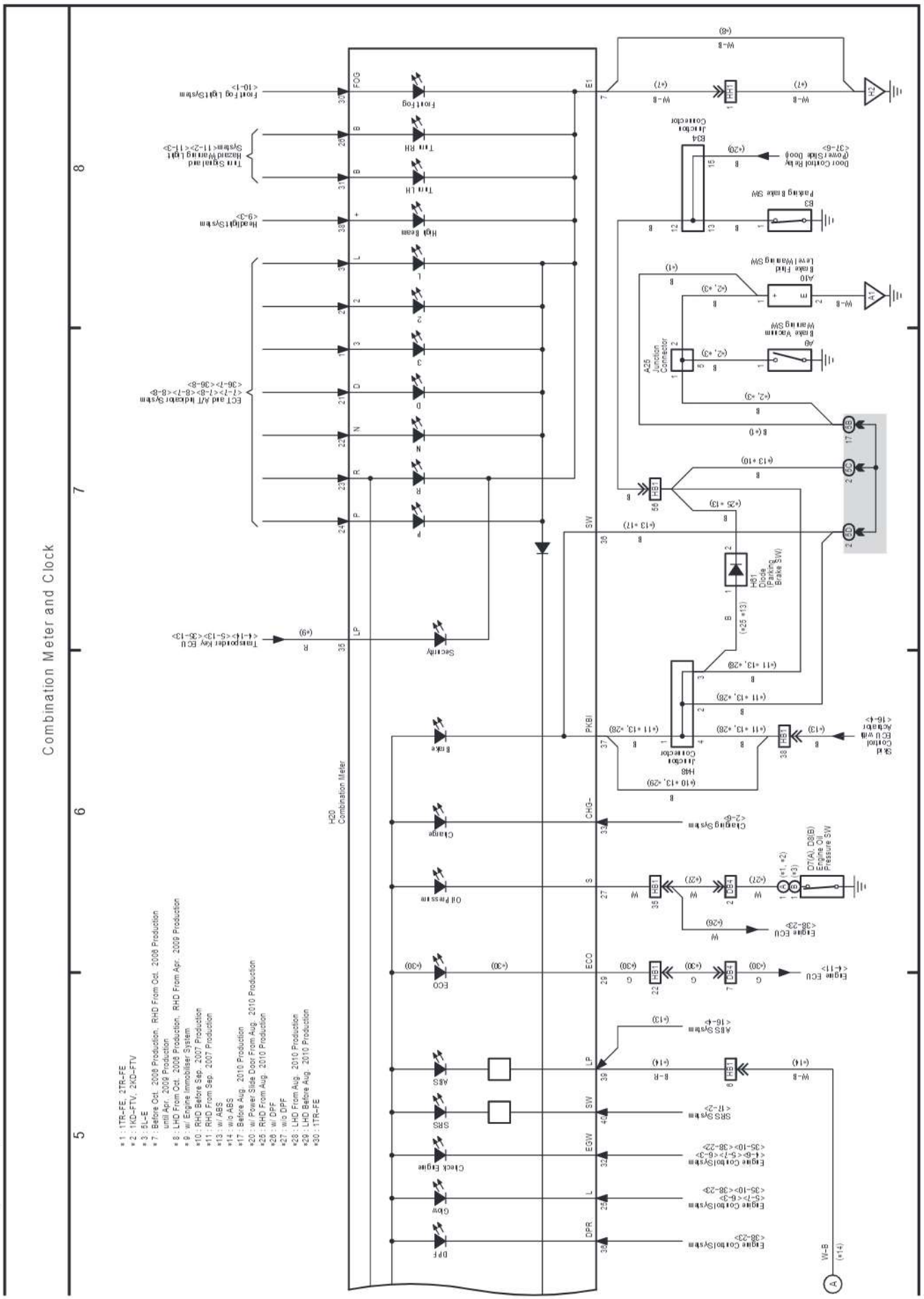
Key Reminder and Light Reminder
Seat Belt Warning
Headlight Beam Level Control
H20 Combination Meter
Buzzer
H26 Unlock Warning SW
H27 Unlock Warning SW
R1 Front Seat Inner Belt (Front Passenger's Side)
R2 Front Seat Inner Belt (Driver's Side)
B11 Front Seat Inner Belt (Driver's Side)
R3 Front Seat Inner Belt (Front Passenger's Side)
R4 Belt Warning Occupant Detection Sensor
B8 Front Passenger's Seat Belt Warning Light
H52 Junction Connector
H15 Clearance Warning Indicator
HEAD Relay
A20 Headlamp Leveling Motor (LH)
A8 Headlamp Leveling Motor (RH)
A25 Junction Connector
I9 Headlamp Leveling SW
10A DOME
10A MET IGN
10A GAUGE
40A HEAD
15A HEAD LH
*1 : w/ Engine Immobiliser System
*2 : w/o Engine Immobiliser System
*3 : Before Oct. 2006 Production, RHD From Oct. 2006 Production until Apr. 2009 Production
*4 : LHD From Oct. 2006 Production, RHD From Apr. 2009 Production
*5 : RHD Before Sep. 2007 Production
*6 : RHD From Sep. 2007 Production until 2010 Production
*7 : RHD From Sep. 2007 Production until Apr. 2009 Production
*8 : RHD From Apr. 2009 Production until Aug. 2010 Production
*9 : Before Aug. 2010 Production
*10 : From Aug. 2010 Production
*11 : RHD From Aug. 2010 Production
*12 : A/T *1, A/T *17
*13 : M/T *1, M/T *17
*14 : A/T *18
*15 : M/T *18
*16 : *2 *9
*17 : *2 *10
*18 : *1, *17
*19 : Bench Seat Type
*20 : Separate Seat Type

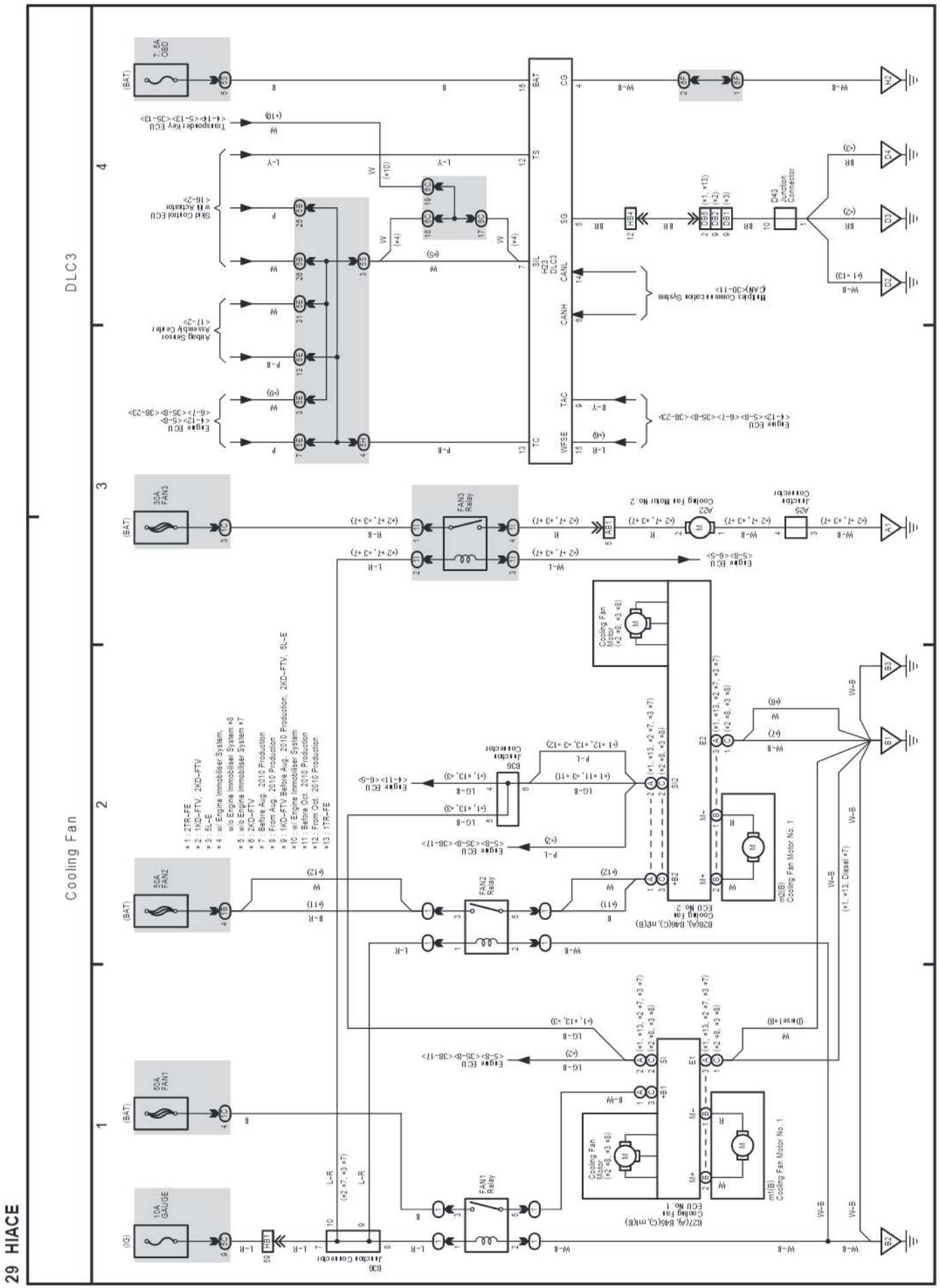

Parking Assist (TOYOTA Parking Assist-Sensor)
H15
Clearance Warning Indicator
H33(A), H34(B)
Clearance Warning ECU
H41
Junction
Connector
10A
GAUGE
PANEL Fuse
<14-4>
Combination
Meter<28-2>
Back-Up Light SW (M/T)
<12-1>
Park/Neutral
Position SW (A/T)
<7-12>
Ultrasonic Sensor No.2
(LH)
Ultrasonic Sensor No.2
(RH)
Ultrasonic Sensor No.1
(Rear LH)
Ultrasonic Sensor No.1
(Rear RH)
Ultrasonic Sensor No.1
(Front LH)
Ultrasonic Sensor No.1
(Front RH)
W-B
L-R
* 1 : Before Aug. 2010 Production
* 2 : From Aug. 2010 Production
* 3 : Before Aug. 2013 Production
* 4 : From Aug. 2013 Production
* 5 : China
* 8 : Except China

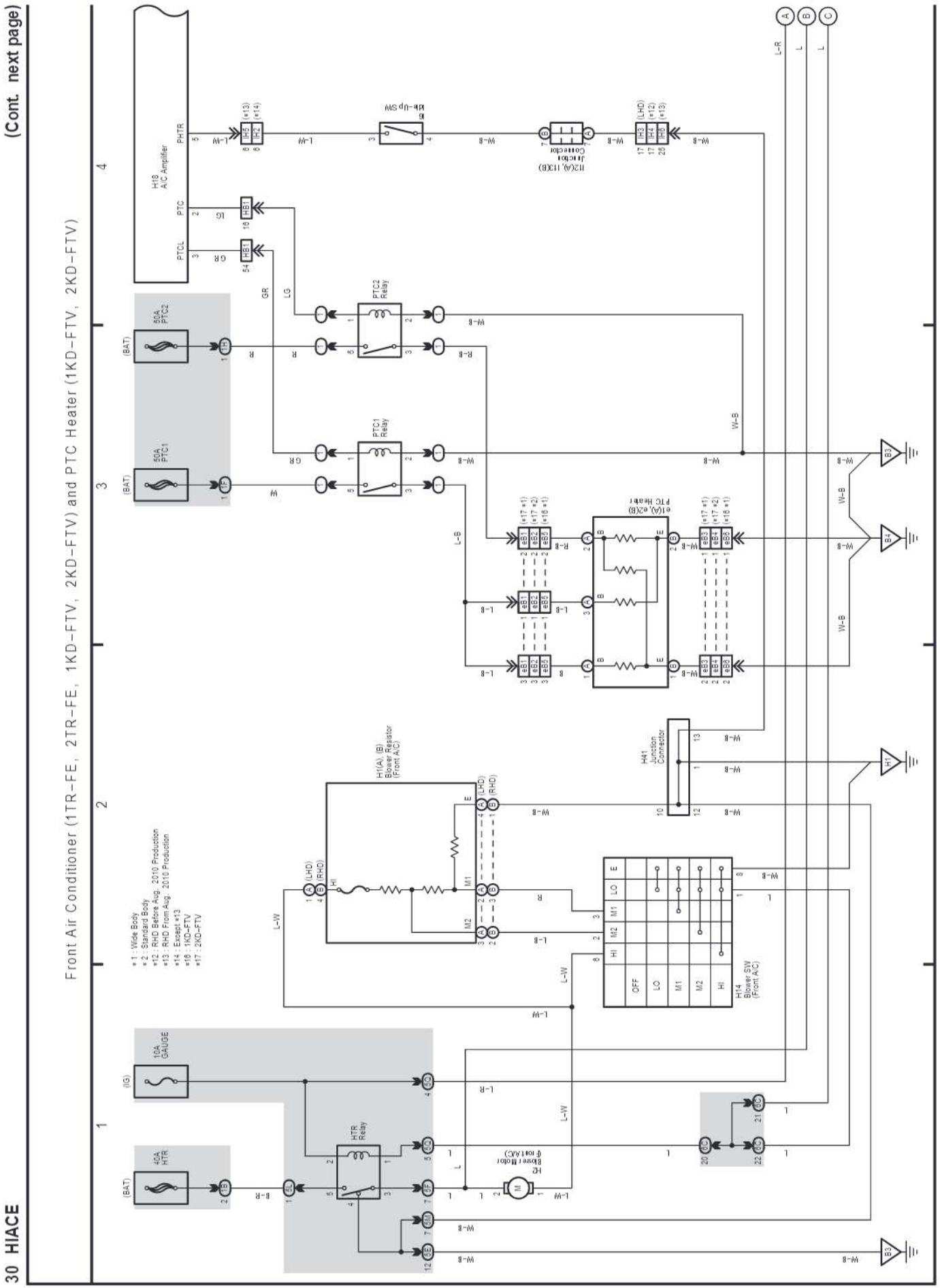

27 HIACE
Rear Window Defogger
Audio System
Rear Window Defogger Switch
Timer
Off
On
Rear Window Defogger
Radio Receiver Assembly
Speaker (Front Door RH)
Speaker (Front Door LH)
Speaker (Rear RH)
Speaker (Rear LH)
Speaker (Floor RH)
Speaker (Floor LH)
Junction Connector
Engine ECU
DEF Relay
7.5A ACC
15A RADIO
10A GAUGE
30A DEF
10A ELS
(ACC)
(BAT)
(IG)
(LHD)
* 1 : 4 Speaker
* 2 : 8 Speaker
* 3 : Standard Body Standard Roof
* 4 : Except *3
* 5 : w/ Radio Data System Before Aug. 2010 Production
* 6 : RHD Before Aug. 2010 Production
* 7 : RHD From Aug. 2010 Production
* 8 : Before Aug. 2010 Production
* 9 : From Aug. 2010 Production
* 10 : Before Apr. 2012 Production
* 11 : From Apr. 2012 Production
* 12 : 2TR-FE, 1TR-FE


(Cont. next page)
Combination Meter and Clock
28 HIACE
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
Clock SW
ODO TRIP SW
Fuel Sender Gage
Fuel Section Ramp and Gage Assembly
Engine ECU
Skid Control ECU w/ Actuator
Speed Sensor
Fuel Sedimenter Level Warning SW
Fuel Filler Warning SW
Engine Oil Level Sensor
Seat Belt Warning System
Key Reminder and Light Reminder System
Park/Neutral Position SW
Front Seat Inner Belt (Front Passenger's Side)
Clearance Warning Indicator
Junction Connector
Amplifier
Clearance Warning ECU
Transmission Control ECU
Door Control Relay (Power Slide Door)
Tail Light System
Illumination System
Option Connector (TVSS ECU)
Pulse Generator
Except 2KD-FTV w/ Front Fog Light
Except 2KD-FTV w/ Front Fog Light
Except #21
Except #23

28 HIACE (Cont' d)



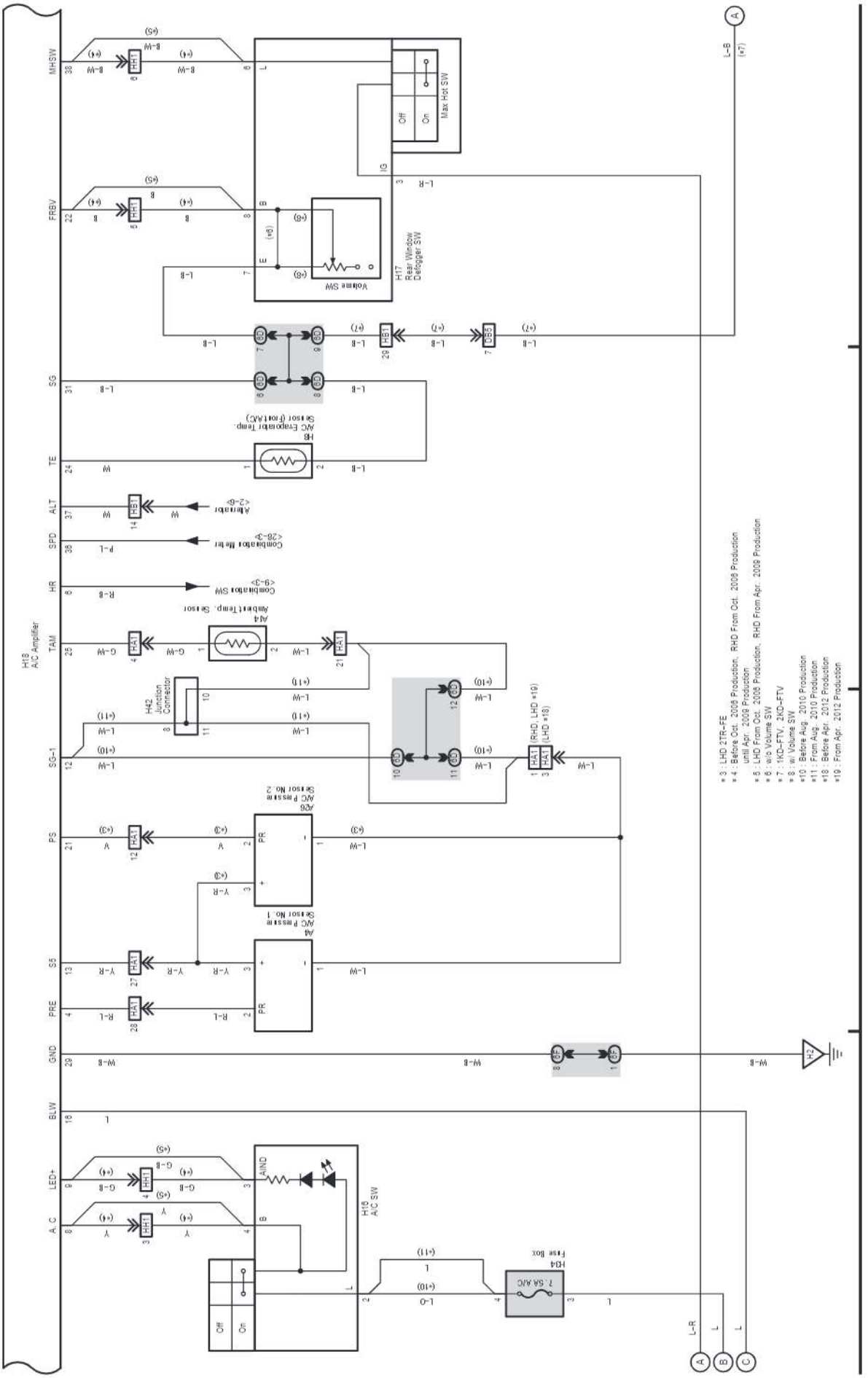

Cooling Fan
DLC3
7.5A OBD
30A FAN3
50A FAN2
50A FAN1
10A GAUGE
FAN3 Relay
FAN2 Relay
FAN1 Relay
Cooling Fan Motor No. 1
Cooling Fan ECU No. 1
Cooling Fan ECU No. 2
Engine ECU
Skid Control ECU with Actuator
Airbag Sensor Assembly Center
Transponder Key ECU
Multiplex Communication System
Junction Connector
Cooling Fan Motor No. 2
*1 : 2TR-FE
*2 : 1KD-FTV, 2KD-FTV
*3 : 5L-E
*4 : w/ Engine Immobiliser System, w/o Engine Immobiliser System *8
*5 : w/o Engine Immobiliser System *7
*6 : 2KD-FTV
*7 : Before Aug. 2010 Production
*8 : From Aug. 2010 Production
*9 : 1KD-FTV Before Aug. 2010 Production, 2KD-FTV, 5L-E
*10 : w/ Engine Immobiliser System
*11 : Before Oct. 2010 Production
*12 : From Oct. 2010 Production
*13 : 1TR-FE

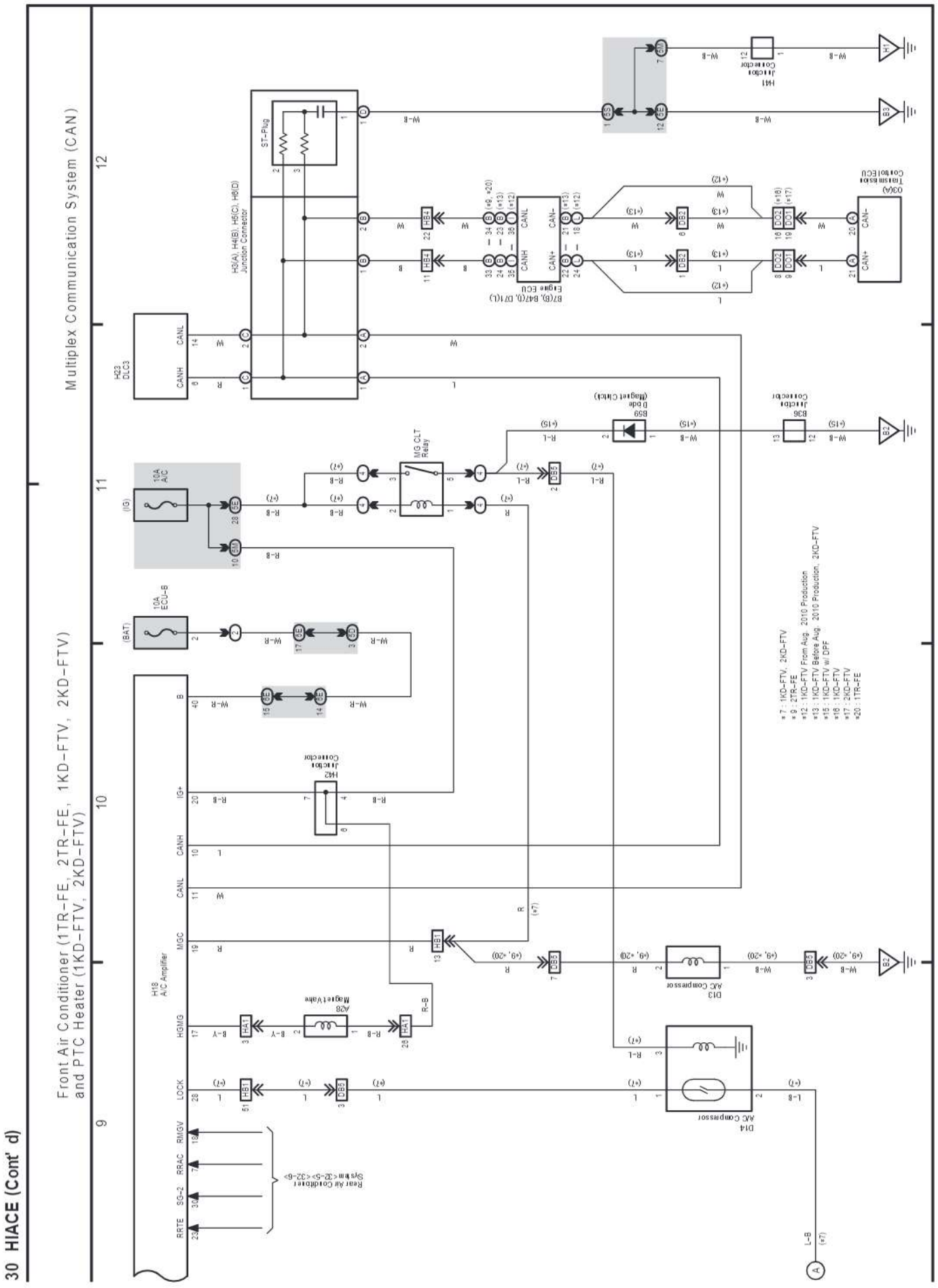

(Cont. next page)
Front Air Conditioner (1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV) and PTC Heater (1KD-FTV, 2KD-FTV)
H18 A/C Amplifier
PHTR
PTC
PTCL
Idle-up SW
PTC2 Relay
PTC1 Relay
50A PTC2
50A PTC1
40A HTR
10A GAUGE
HTR Relay
H1(A), (B) Blower Resistor (Front A/C)
H41 Junction Connector
H14 Blower SW (Front A/C)
Blower Motor (for Front A/C)
PTC Heater
Junction Connector
OFF
LO
M1
M2
HI
(BAT)
(IG)
(LHD)
(RHD)
* 1 : Wide Body
* 2 : Standard Body
* 12 : RHD Before Aug., 2010 Production
* 13 : RHD From Aug., 2010 Production
* 14 : Except * 13
* 16 : 1KD-FTV
* 17 : 2KD-FTV

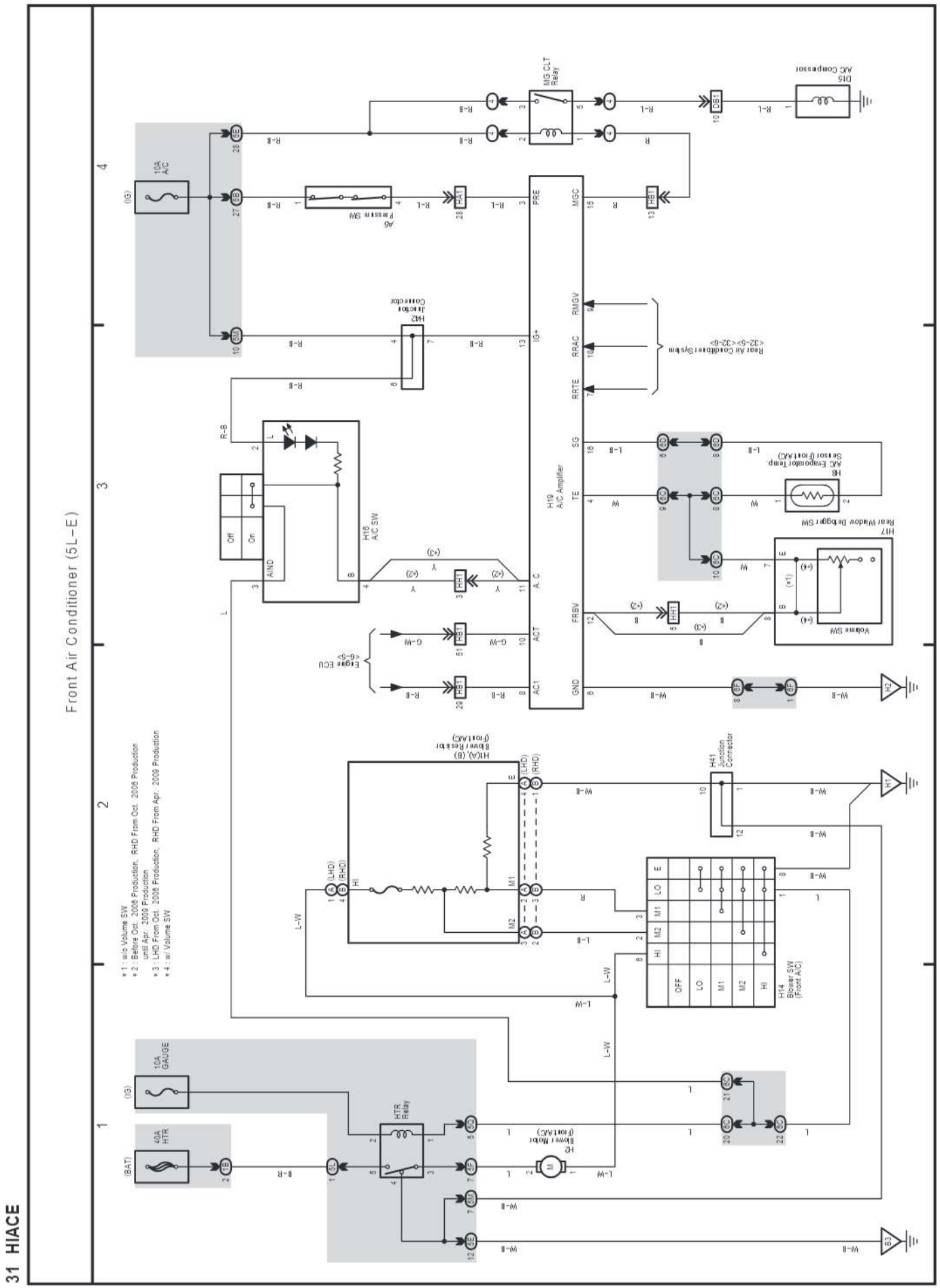
30 HIACE (Cont' d)

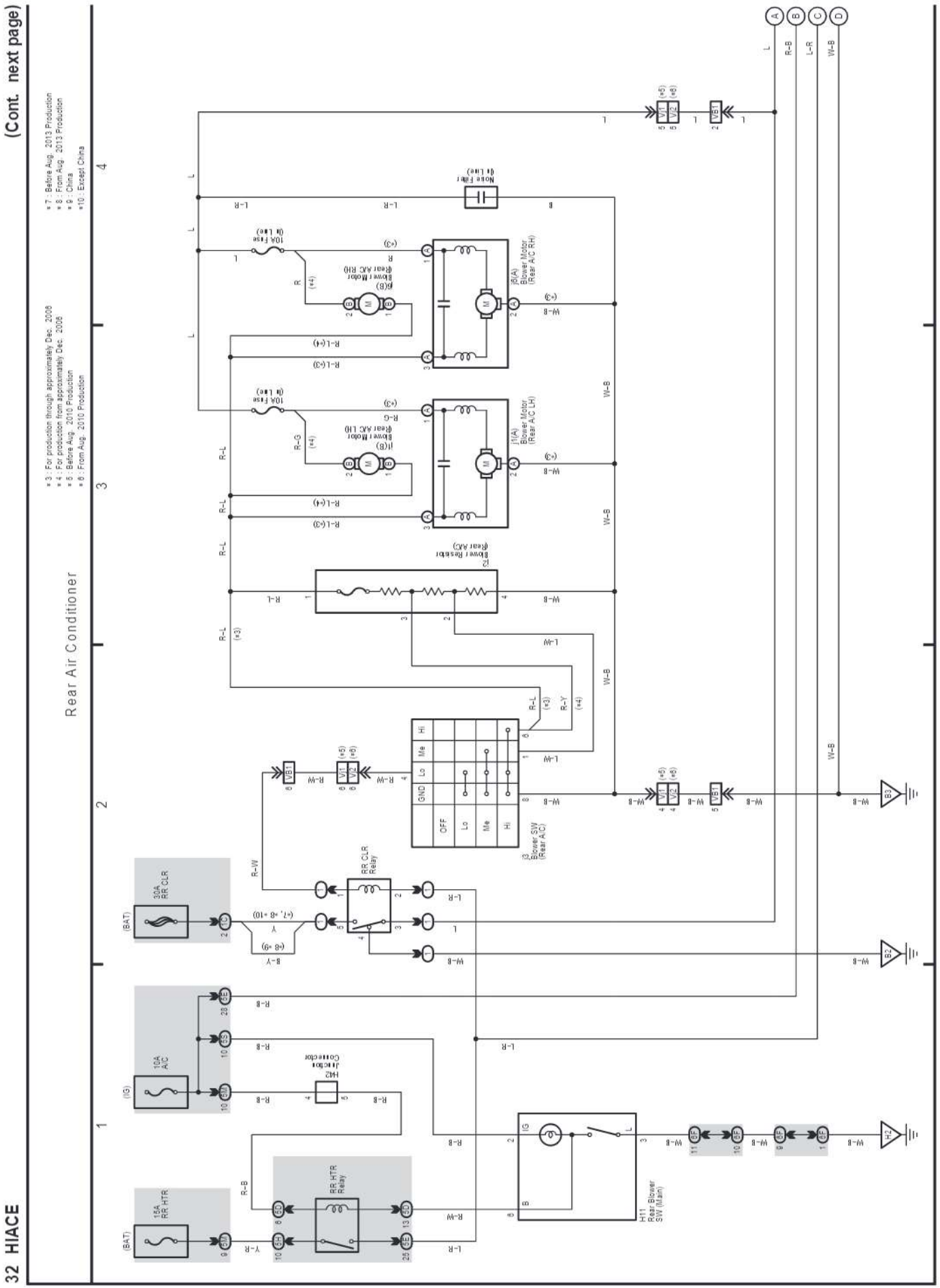
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Front Air Conditioner (1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV) and PTC Heater (1KD-FTV, 2KD-FTV)

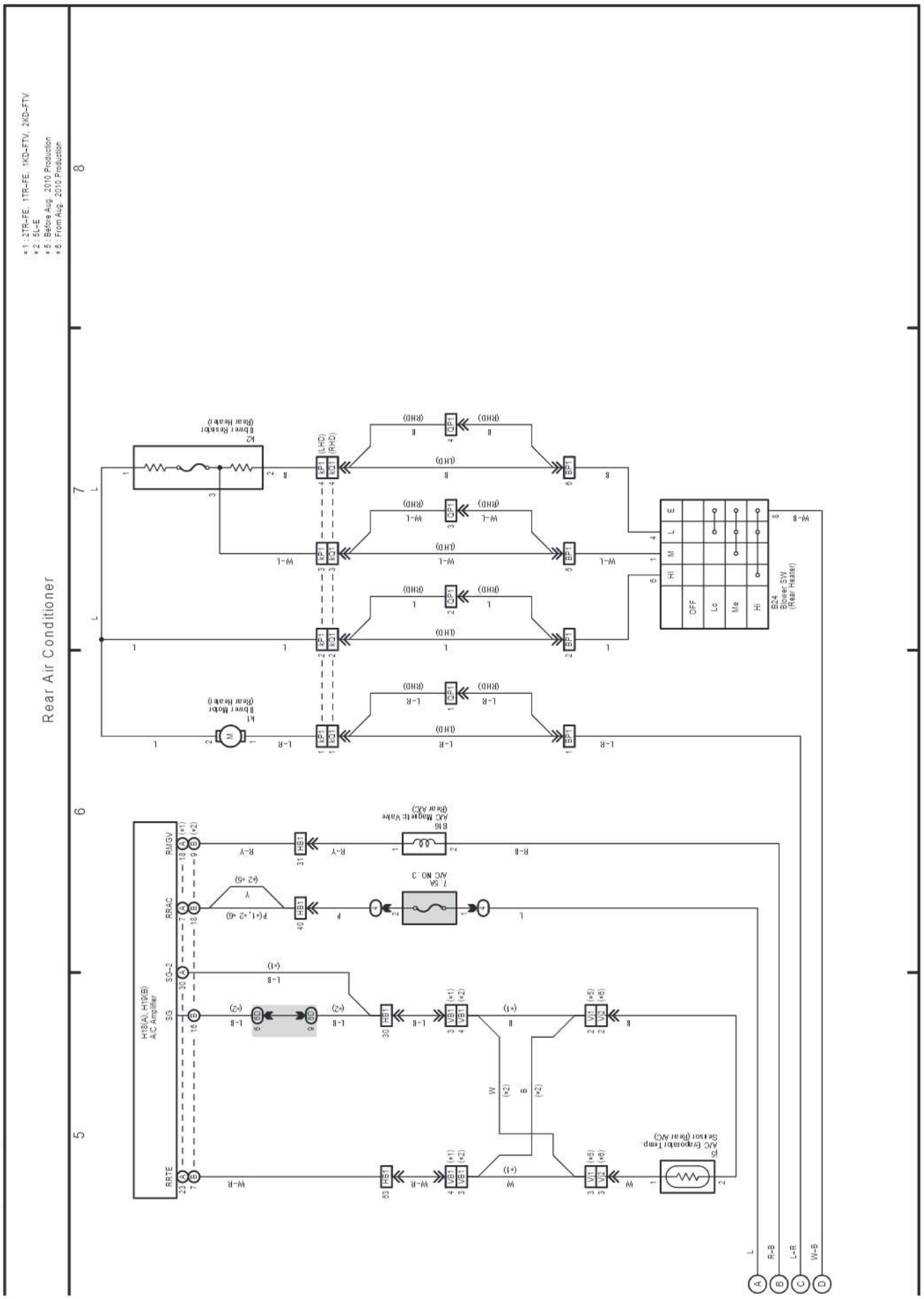


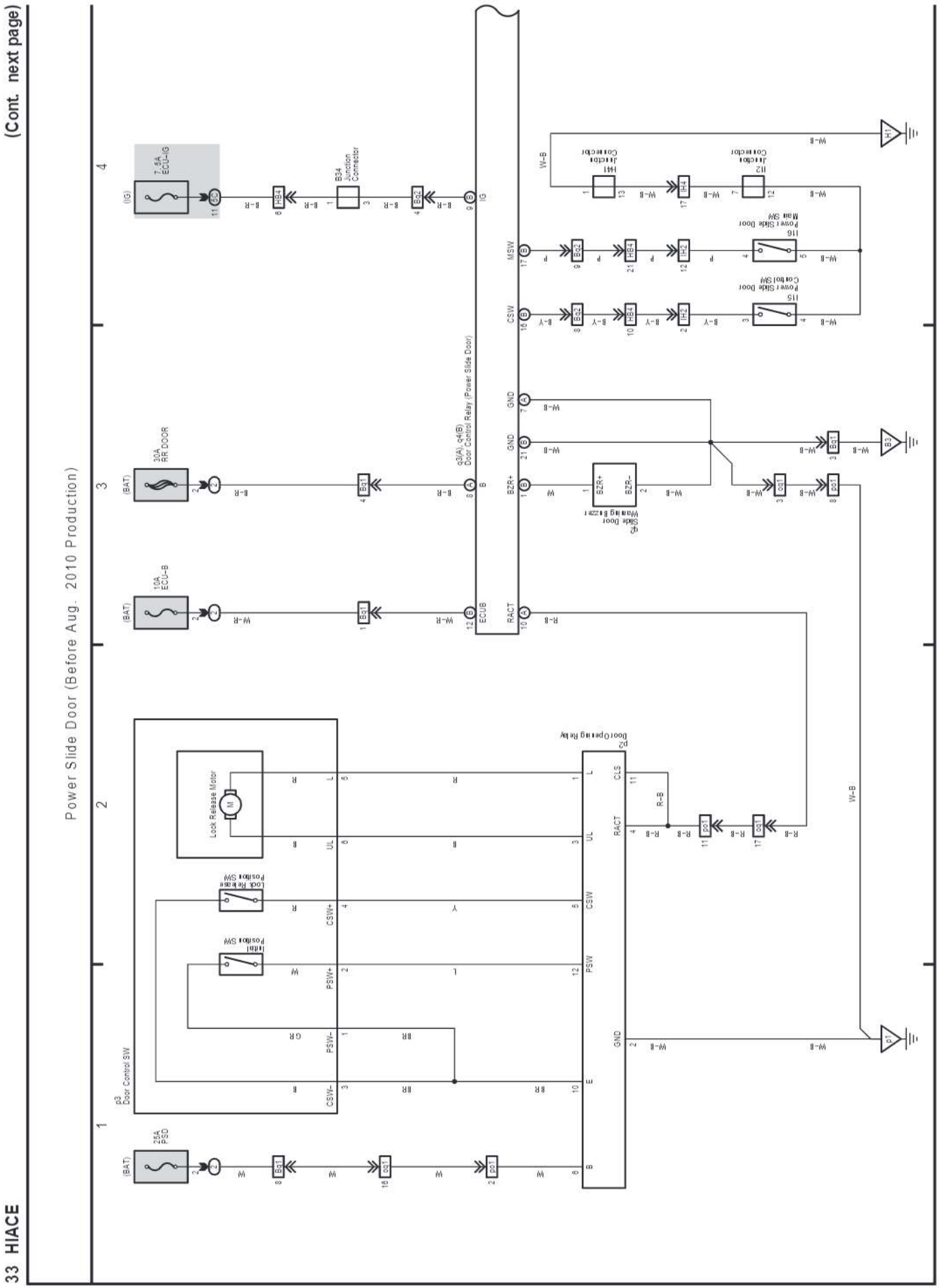

Multiplex Communication System (CAN)
Front Air Conditioner (1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV) and PTC Heater (1KD-FTV, 2KD-FTV)
30 HIACE (Cont' d)
H3(A), H4(B), H5(C), H6(D) Junction Connector
ST-Plug
H41 Junction Connector
B3
H23 DLC3
CANL
CANH
B87(B), B47(I), D71(L) Engine ECU
03(A) Transmission Control ECU
B59 Diode (Magnet Clutch)
B36 Junction Connector
B7
MG CLT Relay
10A A/C
10A ECU-B
(IG)
(BAT)
H42 Junction Connector
H18 A/C Amplifier
A28 Magnet Valve
D13 A/C Compressor
D14 A/C Compressor
Rear Air Conditioner System <32-5> <32-6>
IG+
MGC
HGMG
LOCK
RMGV
RRAC
SG-2
RRTE
* 7 : 1KD-FTV, 2KD-FTV
* 9 : 2TR-FE
* 12 : 1KD-FTV From Aug. 2010 Production
* 13 : 1KD-FTV Before Aug. 2010 Production, 2KD-FTV
* 15 : 1KD-FTV w/ DPF
* 18 : 1KD-FTV
* 17 : 2KD-FTV
* 20 : 1TR-FE


31 HIACE
Front Air Conditioner (5L-E)
1
2
3
4
10A GAUGE
40A HTR
HTR Relay
10A A/C
MG CLT Relay
A/C Compressor
D15
A6 Pressure SW
H42 Junction Connector
Rear Air Conditioning System <32-5> <32-6>
H19 A/C Amplifier
H16 A/C SW
Off
On
AIND
H8 A/C Evaporator Temp. Sensor (Front A/C)
H17 Rear Window Defogger SW
Volume SW
Engine ECU <6-5>
H1(A), (B) Blower Resistor (Front A/C)
H41 Junction Connector
H14 Blower SW (Front A/C)
OFF
LO
M1
M2
HI
H2 Blower Motor (Front A/C)
* 1 : w/o Volume SW
* 2 : Before Oct. 2008 Production, RHD From Oct. 2008 Production until Apr. 2009 Production
* 3 : LHD From Oct. 2008 Production, RHD From Apr. 2009 Production
* 4 : w/ Volume SW

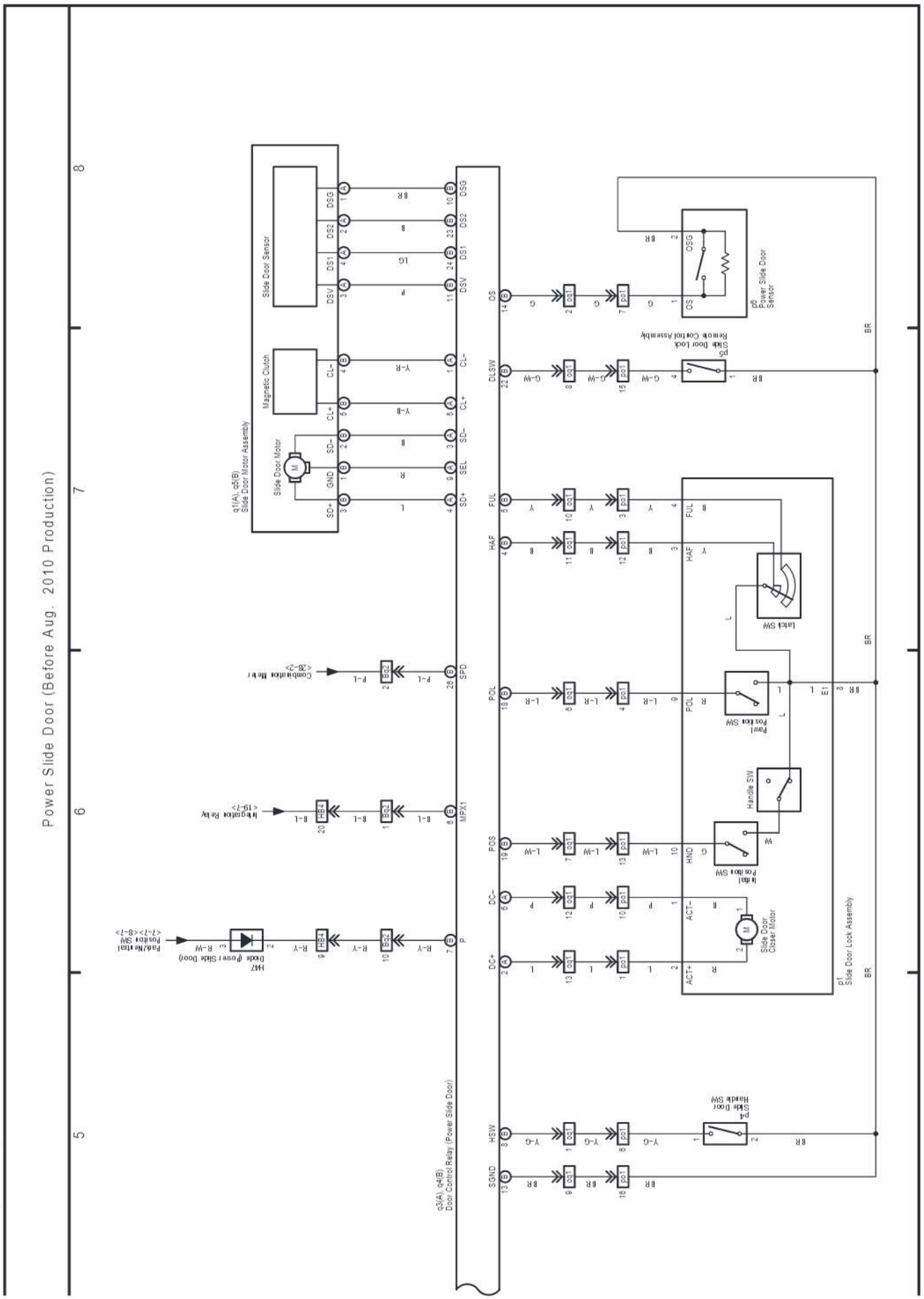

(Cont. next page)
Rear Air Conditioner
*3 : For production through approximately Dec. 2008
*4 : For production from approximately Dec. 2008
*5 : Before Aug. 2010 Production
*6 : From Aug. 2010 Production
*7 : Before Aug. 2013 Production
*8 : From Aug. 2013 Production
*9 : China
*10 : Except China
Noise Filter (R Line)
10A Fuse (R Line)
(B) Blower Motor (Rear A/C RH)
(A) Blower Motor (Rear A/C LH)
Blower Resistor (Rear A/C)
(3) Blower SW (Rear A/C)
OFF
Lo
Me
Hi
GND
RR CLR Relay
RR HTR Relay
30A RR CLR
15A RR HTR
10A A/C
(BAT)
(IG)
H42 Junction Connector
H11 Rear Blower SW (Main)
32 HIACE

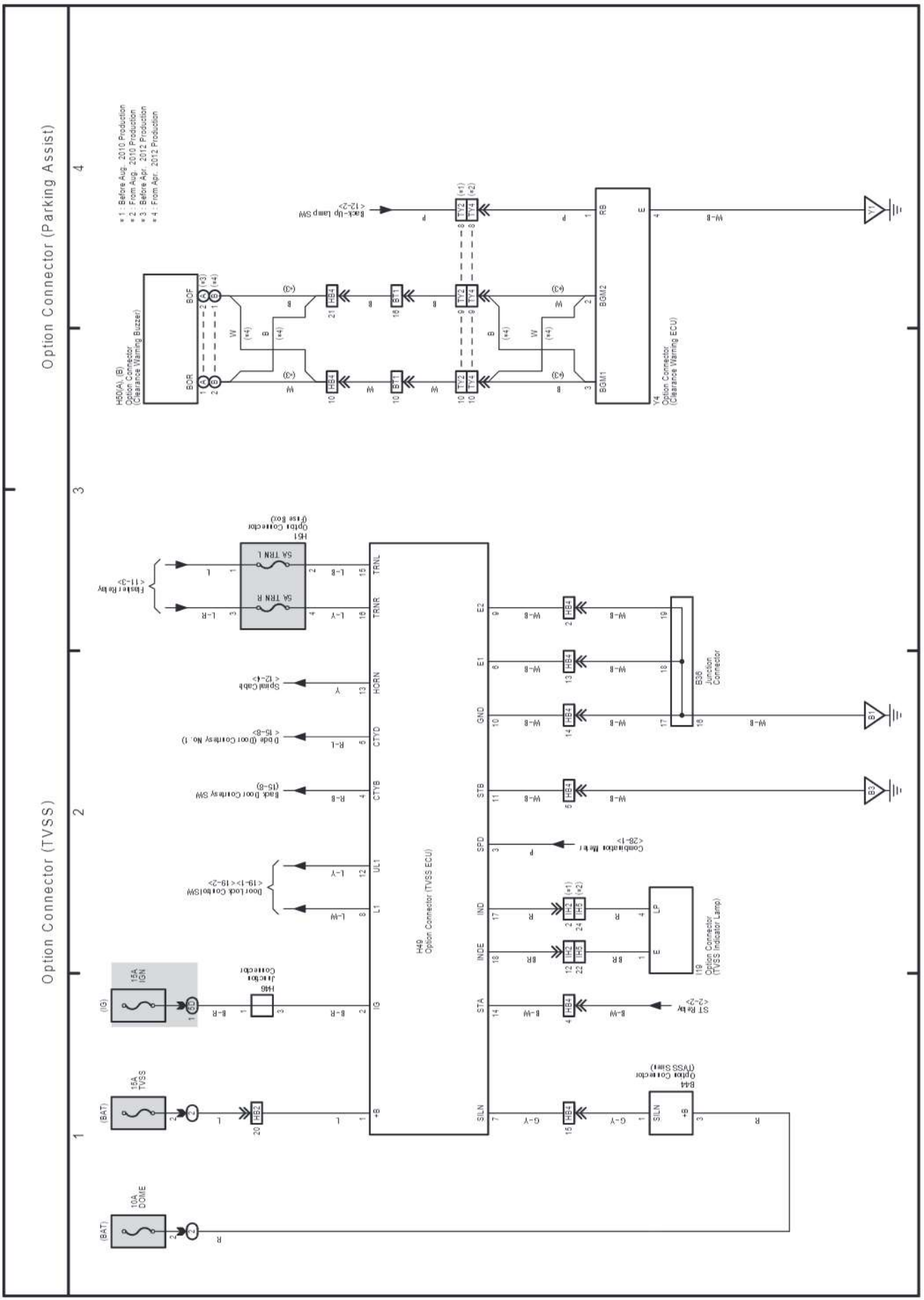
32 HIACE (Cont' d)

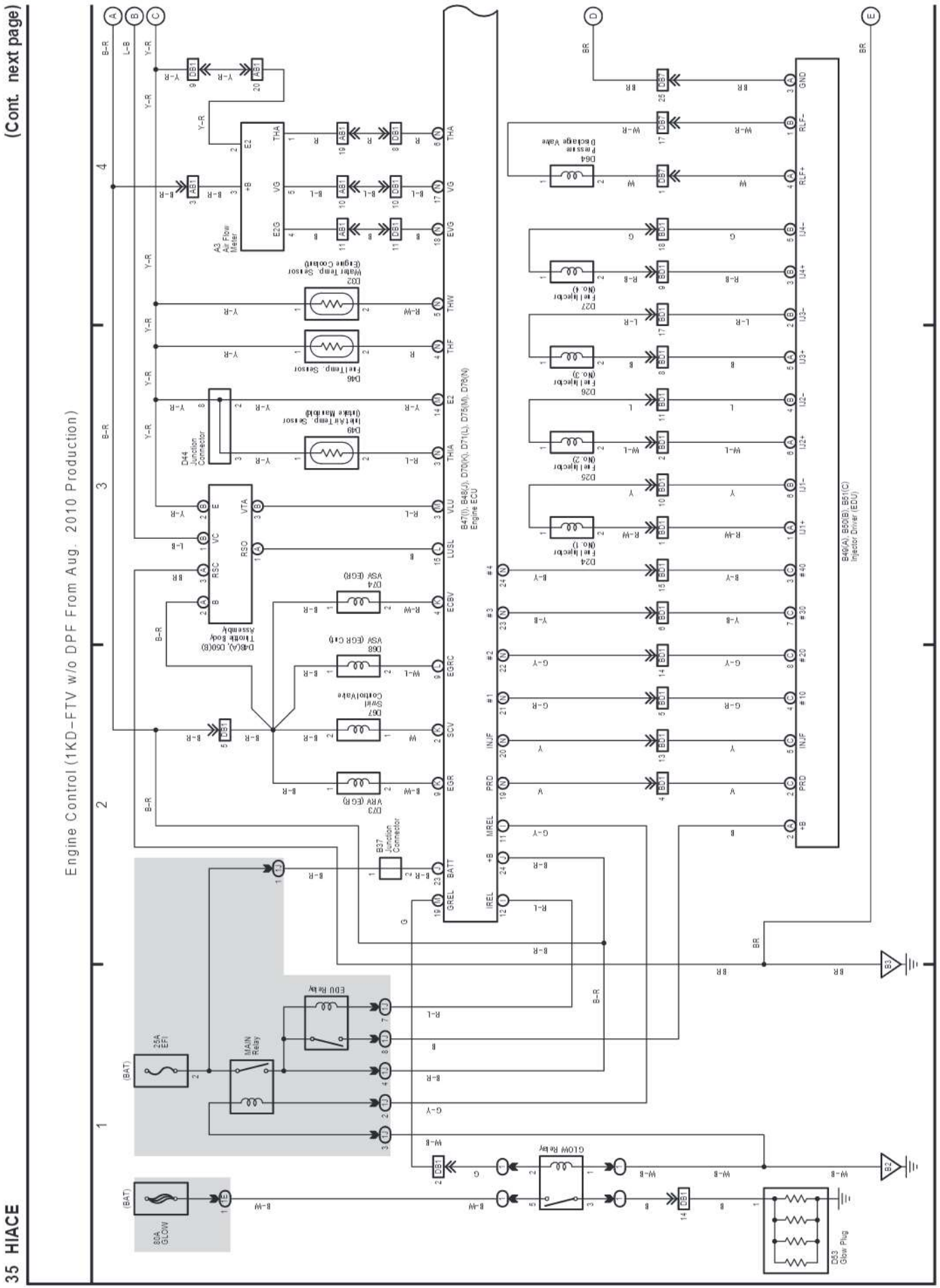



(Cont. next page)
Power Slide Door (Before Aug. 2010 Production)
33 HIACE
7.5A ECU-IG
B34 Junction Connector
30A RR DOOR
10A ECU-B
25A PSD
Door Control Relay (Power Slide Door)
Power Slide Door Warning Buzzer
Door Opening Relay
Lock Release Motor
Lock Release Position SW
Inhibit Position SW
Door Control SW
Power Slide Door Main SW
Power Slide Door Control SW
Junction Connector
MSW
CSW
GND
BZR+
BZR-
ECUB
RACT
CLS
UL
CSW+
CSW-
PSW+
PSW-
PSW
E
L
B
(BAT)
(IG)

33 HIACE (Cont' d)

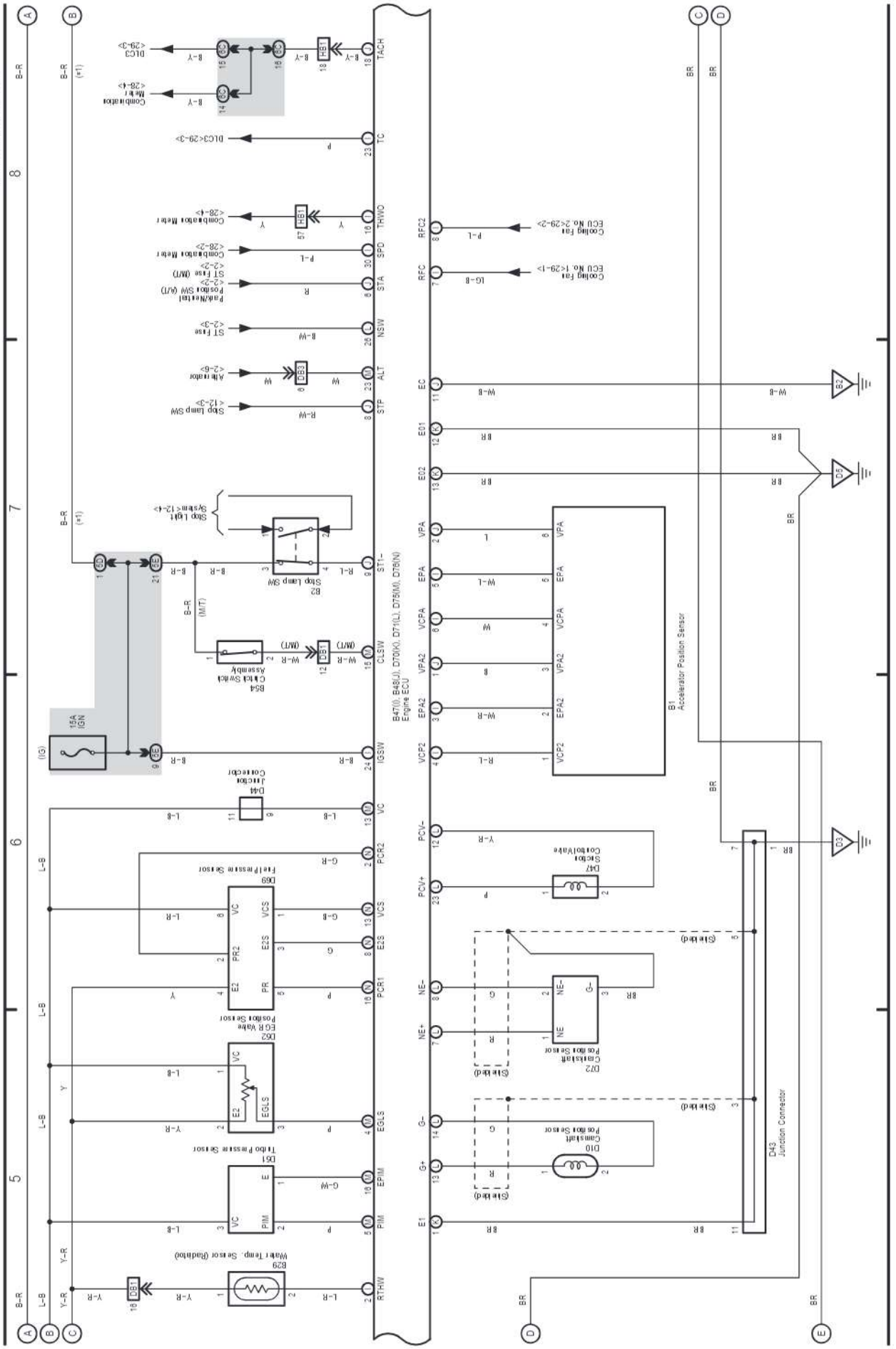


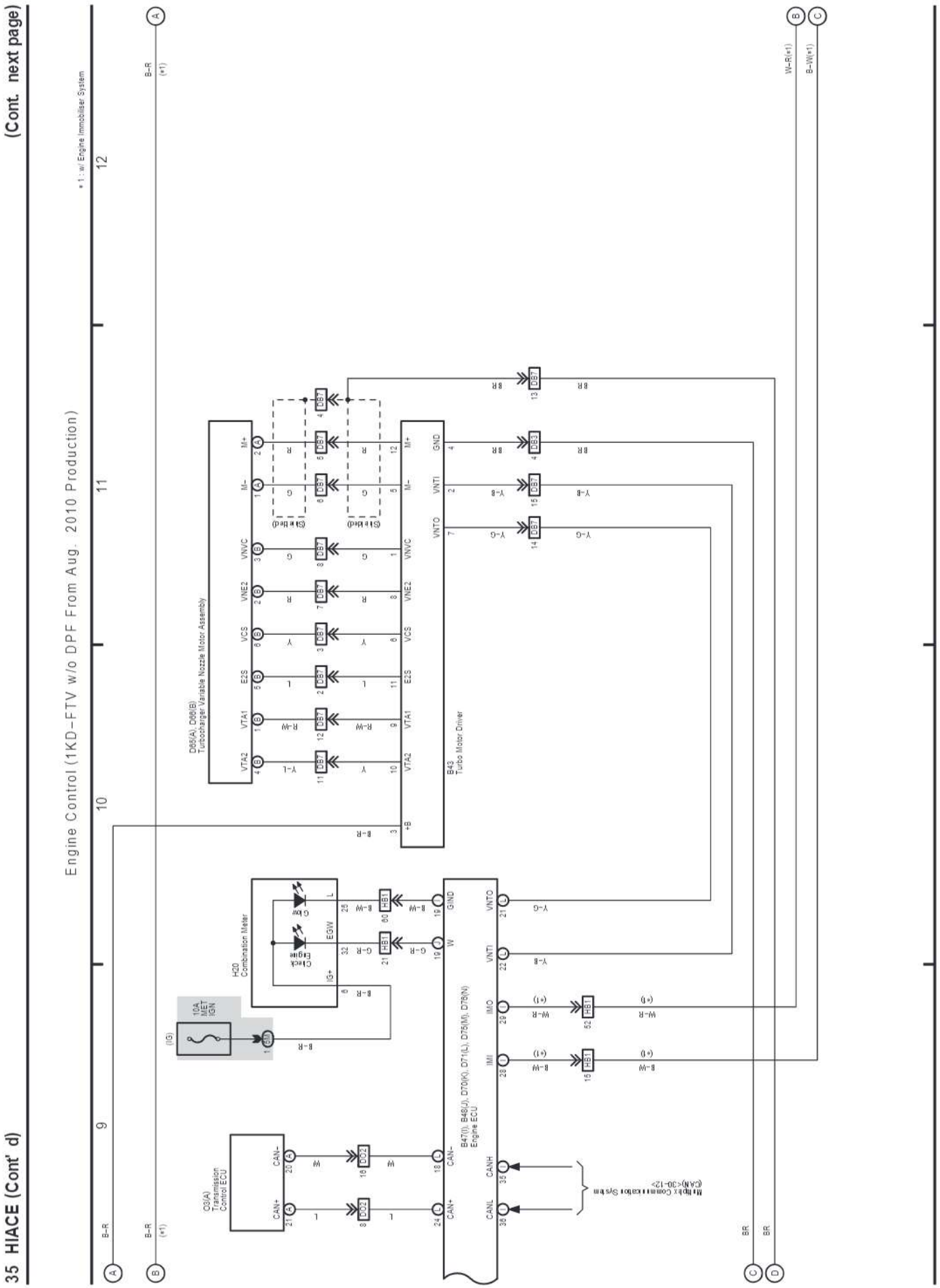

Option Connector (Parking Assist)
Option Connector (TVSS)
1
2
3
4
* 1 : Before Aug., 2010 Production
* 2 : From Aug., 2010 Production
* 3 : Before Apr., 2012 Production
* 4 : From Apr., 2012 Production
H50(A), (B)
Option Connector
(Clearance Warning Buzzer)
Y4
Option Connector
(Clearance Warning ECU)
BGM2
BGM1
RB
Back-Up Lamp SW
<12-2>
H49
Option Connector (TVSS ECU)
B44
Option Connector
(TVSS Siren)
H51
Option Connector
(Fuse Box)
H46
Junction
Connector
B36
Junction
Connector
119
Option Connector
(TVSS Indicator Lamp)
Flasher Relay
<11-3>
Spiral Cable
<12-4>
Trunk (Door Courtesy No. 1)
<15-8>
Back Door Courtesy SW
(15-8)
Door Lock Control SW
<19-1><19-2>
Combination Meter
<28-1>
ST Relay
<2-2>
15A
IGN
15A
TVSS
10A
DOME
(IG)
(BAT)
SA TRN L
SA TRN R
TRNL
TRNR
HORN
CTYD
CTYB
UL1
L1
IG
+B
STA
SPD
IND
INDE
GND
E1
E2
STB
SILN
LP
E
B6
B7
B8


(Cont. next page)
Engine Control (1KD-FTV w/o DPF From Aug. 2010 Production)
35 HIACE
A3 Air Flow Meter
D02 Water Temp. Sensor (Engine Coolant)
D46 Fuel Temp. Sensor
D49 Intake Air Temp. Sensor (Intake Manifold)
D44 Junction Connector
B47(I), B48(J), D70(K), D71(L), D75(M), D76(N) Engine ECU
D24 Fuel Injector (No.1)
D25 Fuel Injector (No.2)
D26 Fuel Injector (No.3)
D27 Fuel Injector (No.4)
D64 Pressure Discharge Valve
B49(A), B50(B), B51(C) Injector Driver (EDU)
D74 VSV (EGR)
D68 VSV (EGR Cut)
D67 Swirl Control Valve
D73 VRV (EGR)
D48(A), D50(B) Throttle Body Assembly
B37 Junction Connector
EDU Relay
MAIN Relay
15A EFI
80A GLOW
GLOW Relay
D53 Glow Plug
(BAT)

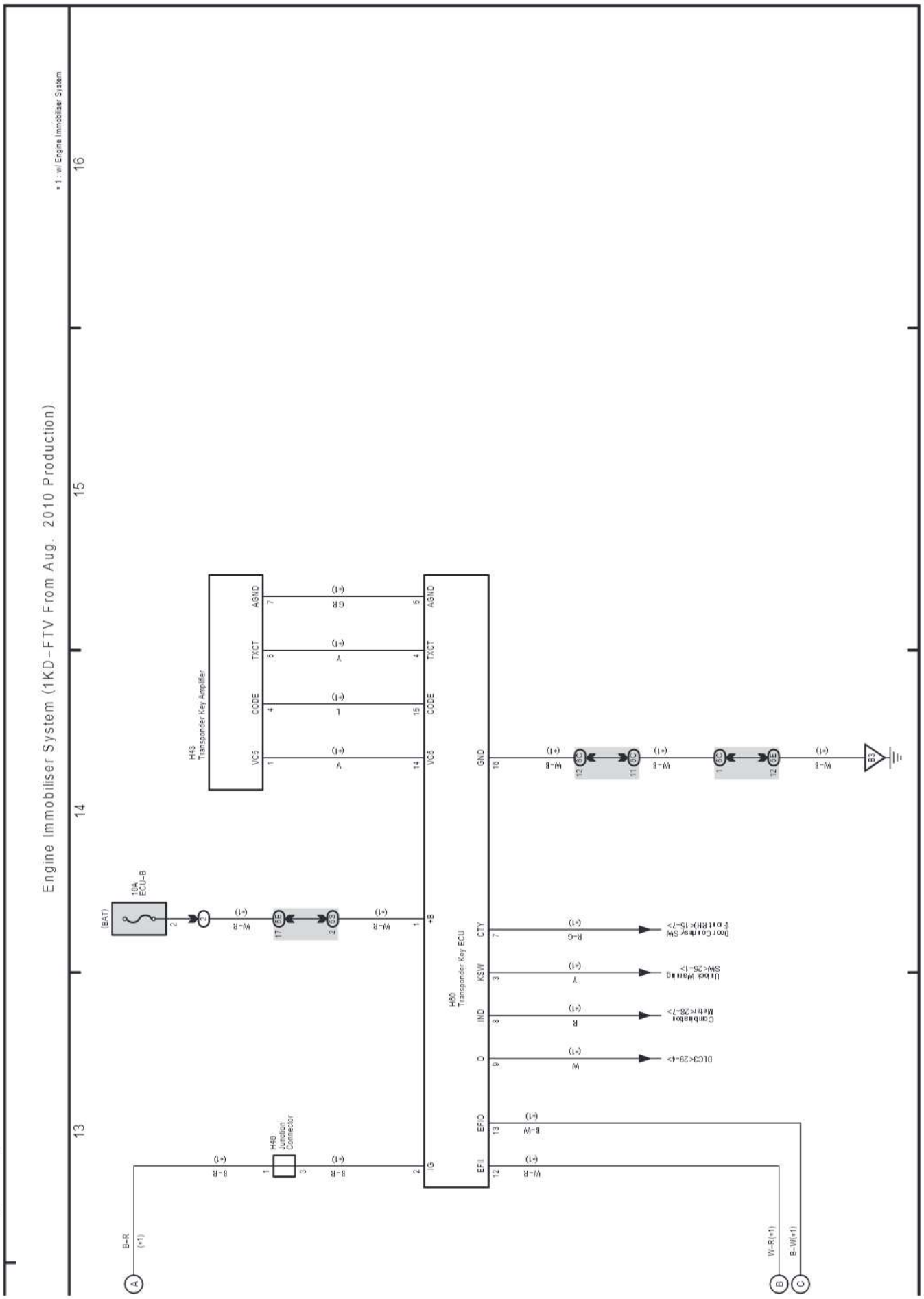
35 HIACE (Cont' d)

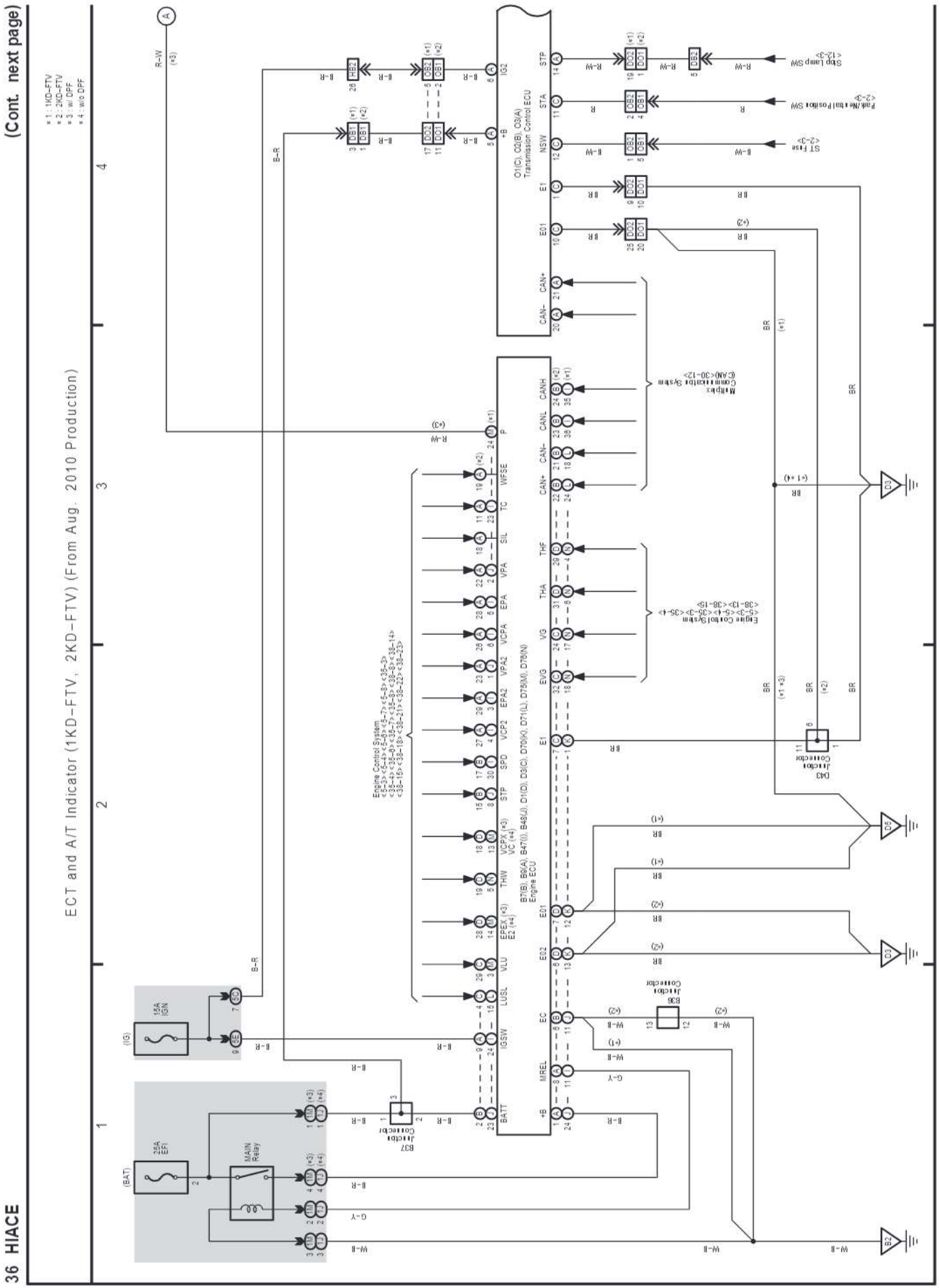
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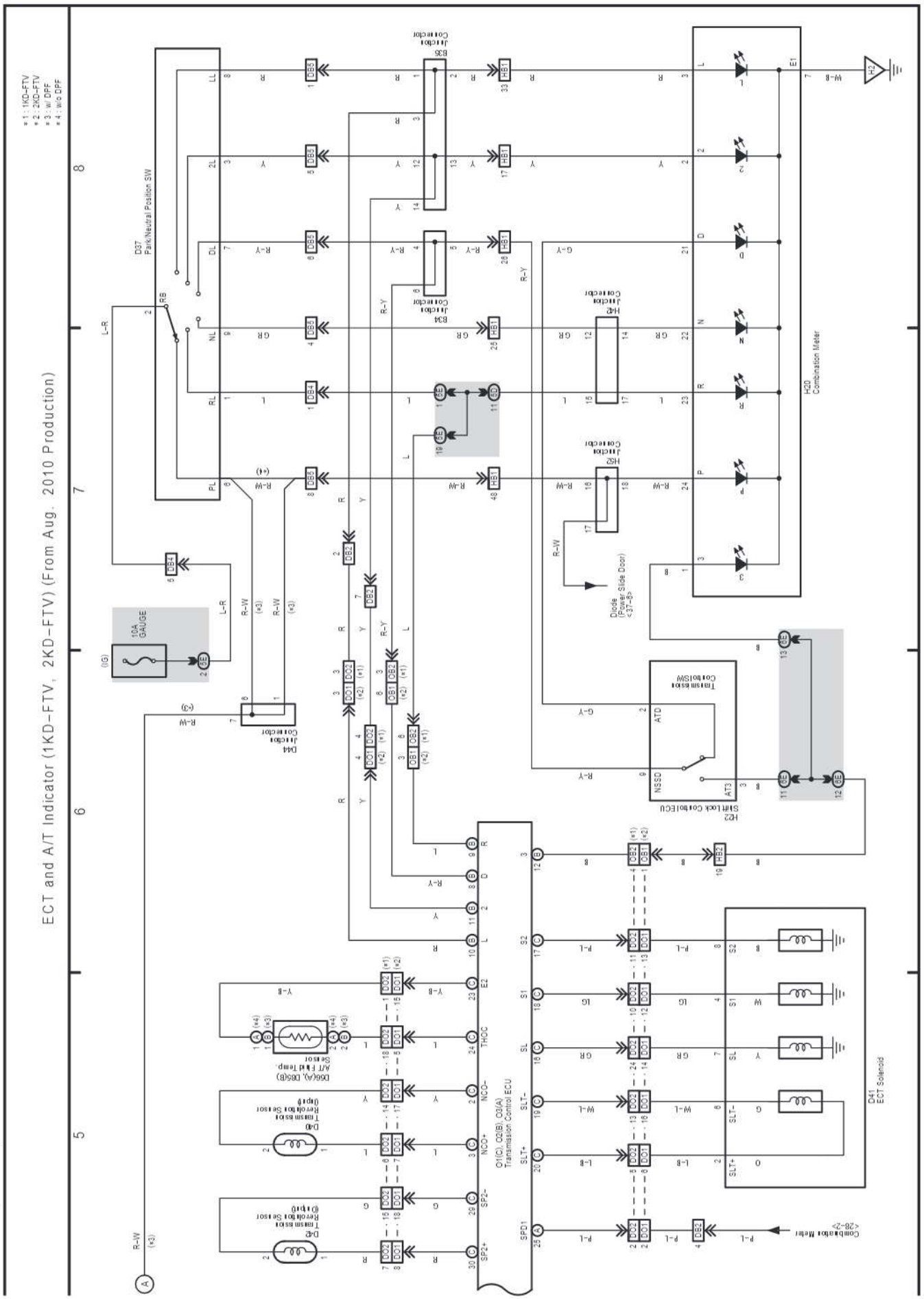

35 HIACE (Cont' d)
(Cont. next page)
Engine Control (1KD-FTV w/o DPF From Aug. 2010 Production)
* 1 : w/ Engine Immobiliser System
9
10
11
12
D65(A), D66(B)
Turbocharger Variable Nozzle Motor Assembly
B43
Turbo Motor Driver
H20
Combination Meter
Glow
Check Engine
EGW
10A
MET
IGN
(IG)
O3(A)
Transmission
Control ECU
B47(I), B48(J), D70(K), D71(L), D75(M), D76(N)
Engine ECU
IMO
IMI
VNTO
VNTI
GND
CANH
CANL
CAN+
CAN-
Multiplex Communication System
(CAN)<30-12>
W-R(*1)
B-W(*1)
B-R
BR
R
G
Y
L
R-W
Y-L
Y-G
Y-B
G-R
W-R
B-W
W
B-R
BR

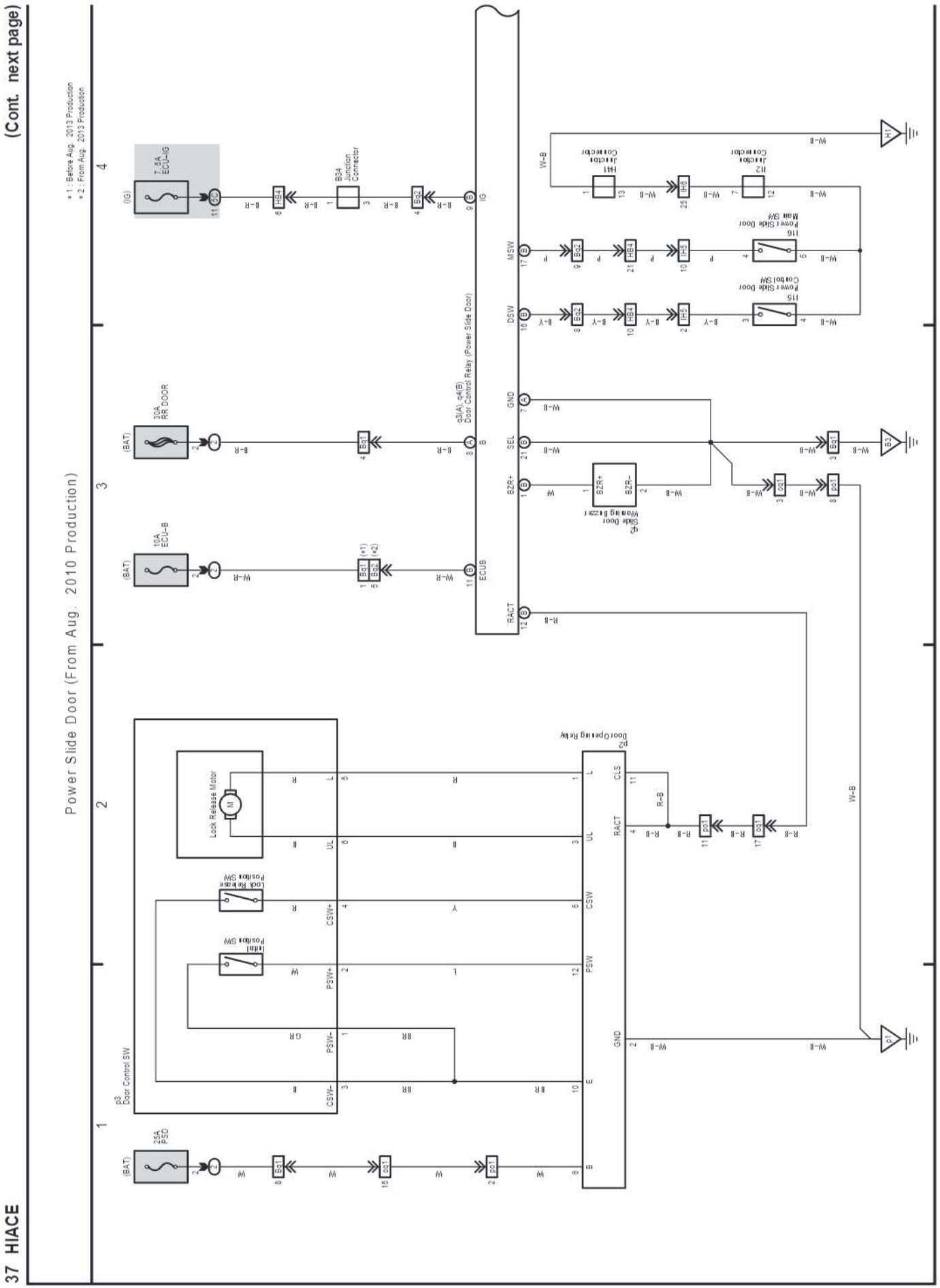
35 HIACE (Cont' d)



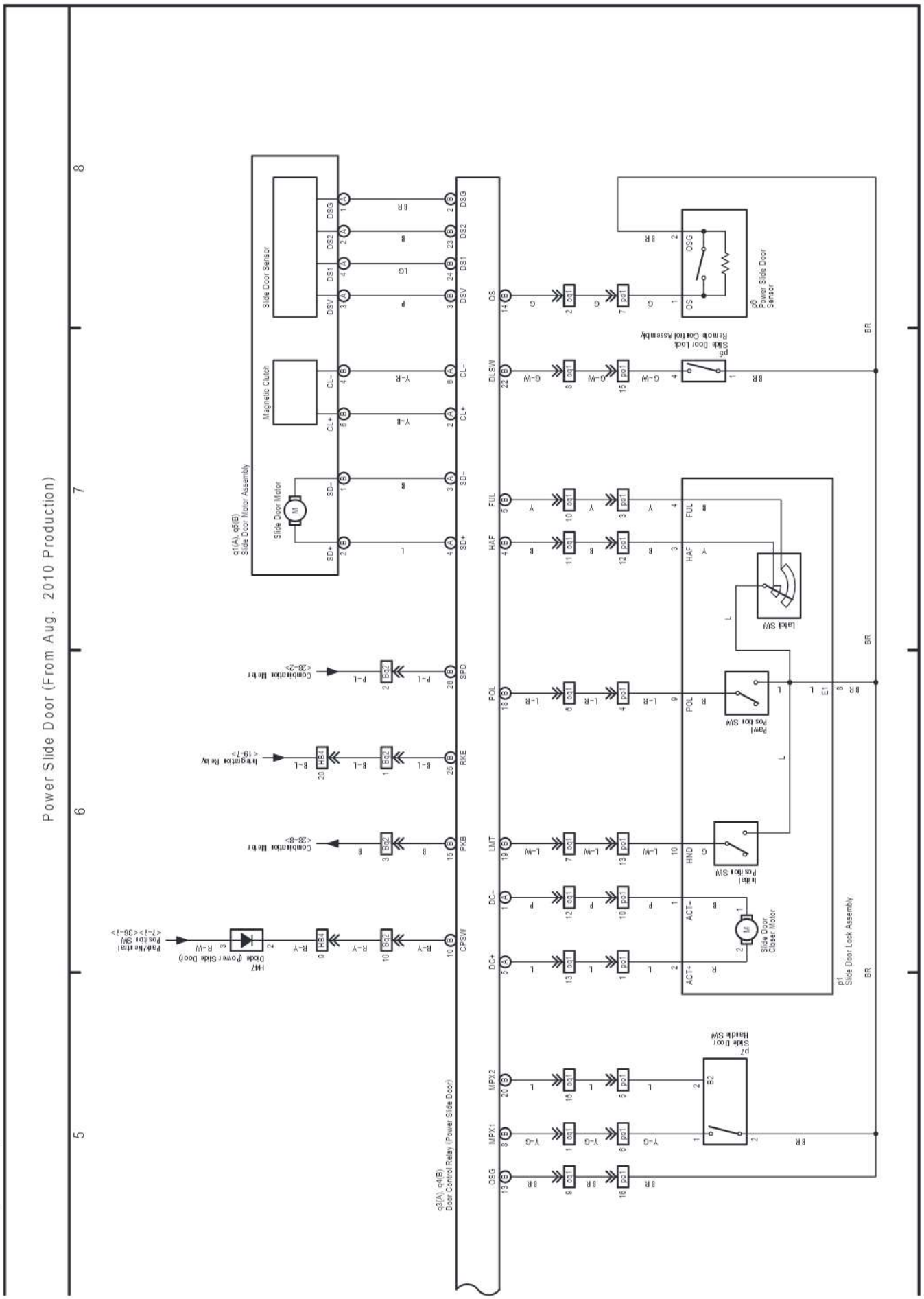

(Cont. next page)
ECT and A/T Indicator (1KD-FTV, 2KD-FTV) (From Aug. 2010 Production)
* 1 : 1KD-FTV
* 2 : 2KD-FTV
* 3 : w/ DPF
* 4 : w/o DPF
Engine Control System
Engine ECU
Transmission Control ECU
Multiplex Communication System
Engine Control System
Stop Lamp SW
Park/Neutral Position SW
ST Fuse
15A IGN
25A EFI
MAIN Relay
Junction Connector
36 HIACE

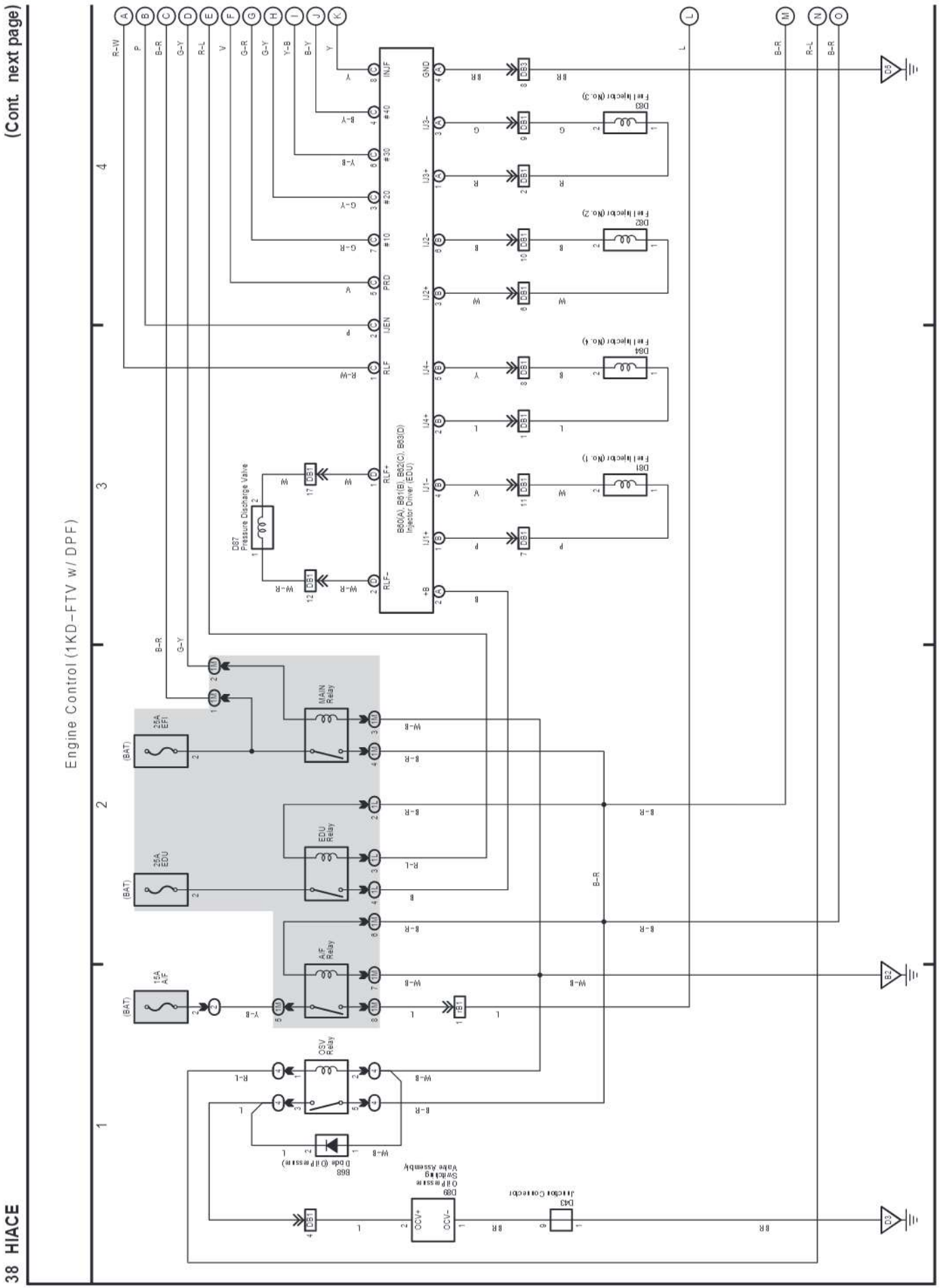
36 HIACE (Cont' d)




(Cont. next page)
Power Slide Door (From Aug. 2010 Production)
* 1 : Before Aug. 2013 Production
* 2 : From Aug. 2013 Production
7.5A ECU-IG
B34 Junction Connector
30A RR DOOR
10A ECU-B
25A PSD
(BAT)
(IG)
ECUB
IG
MSW
DSW
GND
SEL
BZR+
BZR-
RACT
Power Slide Door Main SW
Power Slide Door Control SW
Sliding Door Warning Buzzer
Door Control Relay (Power Slide Door)
Door Opening Relay
Lock Release Motor
Lock Release Position SW
Latch Position SW
Door Control SW
CSW+
CSW-
PSW+
PSW-
UL
CLS
CSW
PSW
E
W-B
R-B
37 HIACE

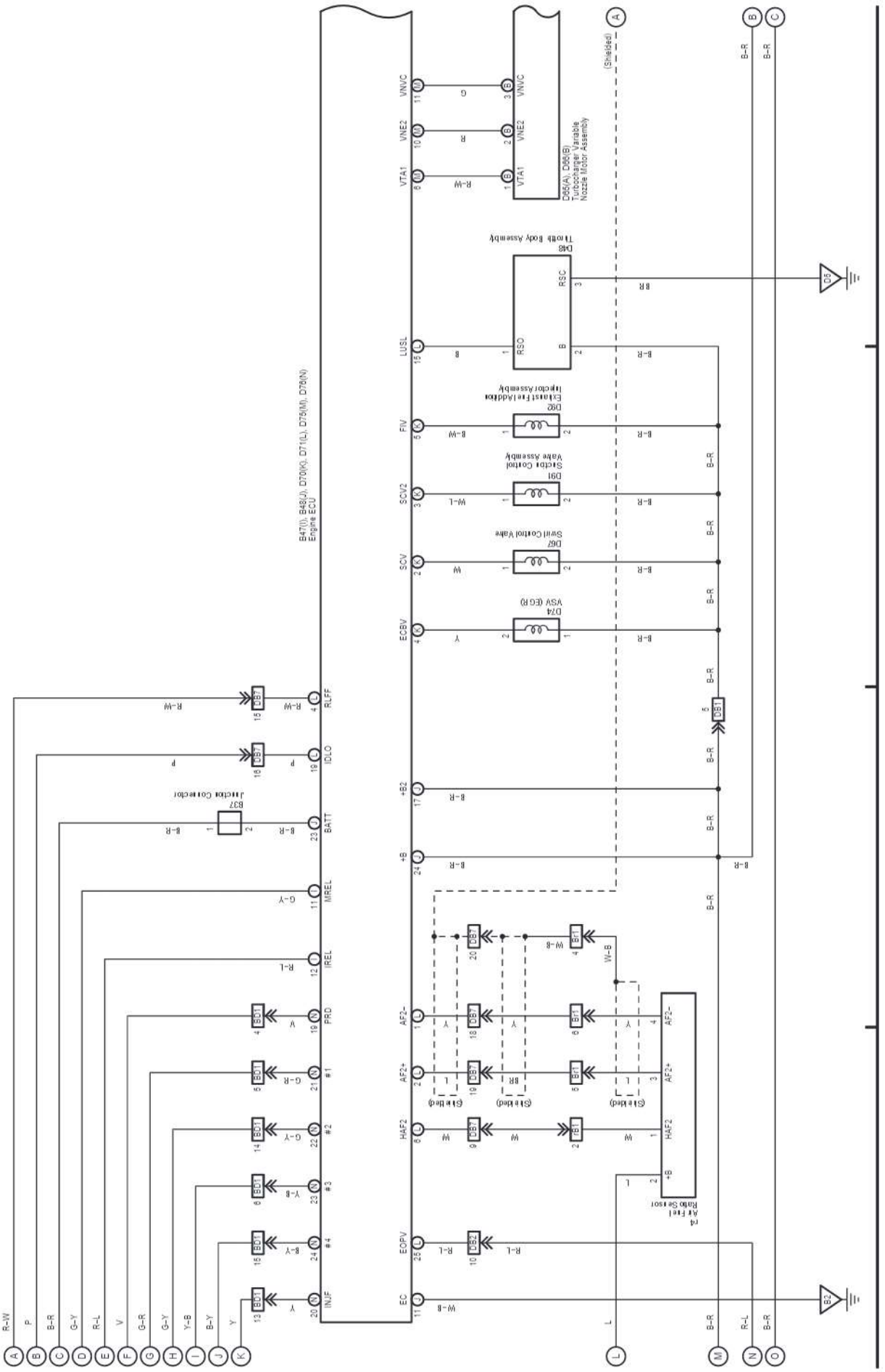
37 HIACE (Cont' d)

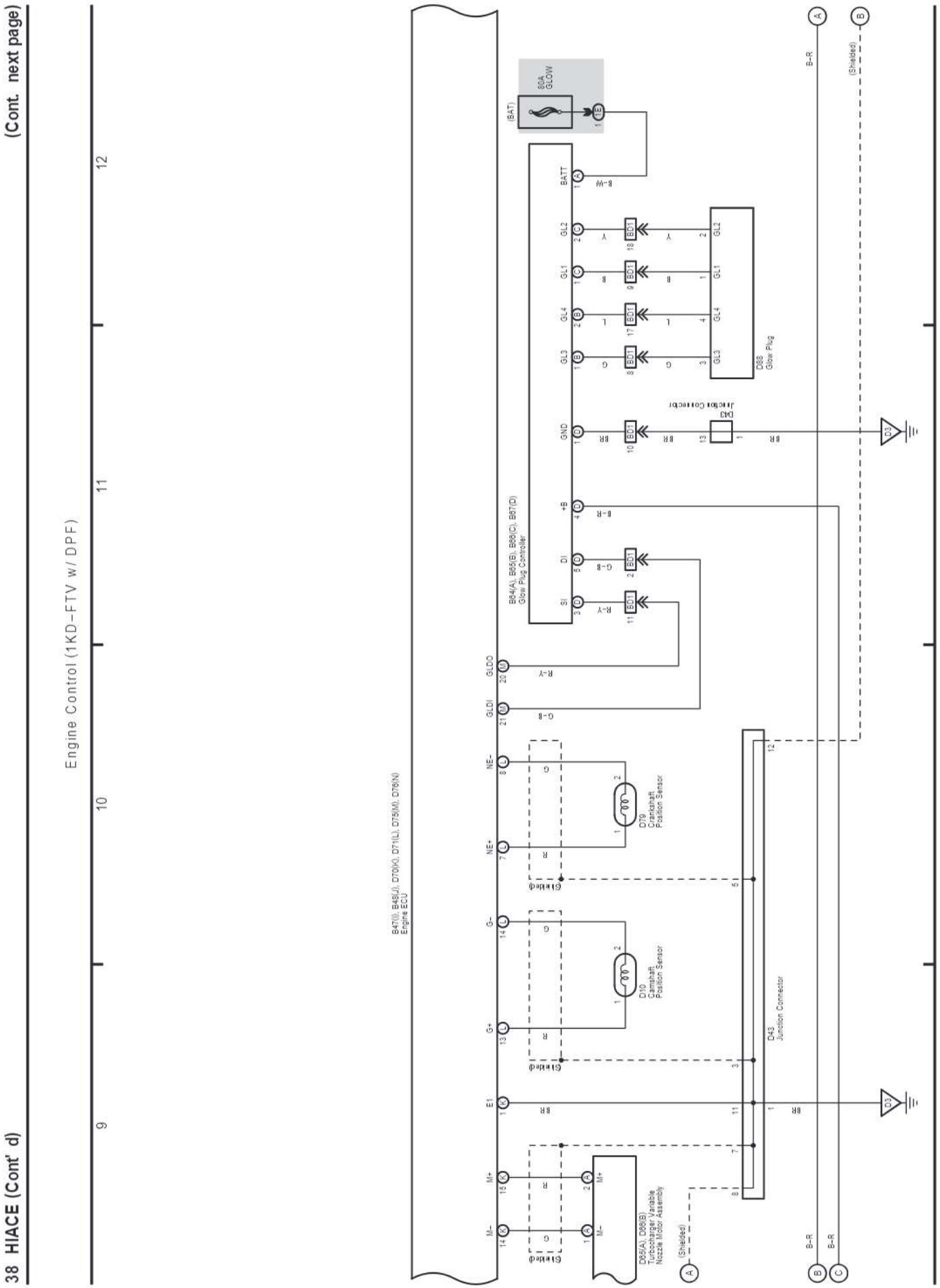



(Cont. next page)
Engine Control (1KD-FTV w/ DPF)
38 HIACE
Fuel Injector (No.3)
Fuel Injector (No.2)
Fuel Injector (No.4)
Fuel Injector (No.1)
Pressure Discharge Valve
B60(A), B61(B), B62(C), B63(D)
Injector Driver (EDU)
MAIN Relay
EDU Relay
A/F Relay
OSV Relay
25A EFI
25A EDU
15A A/F
Diode (Oil Pressure)
Oil Pressure Switching Valve Assembly
Junction Connector

38 HIACE (Cont' d)

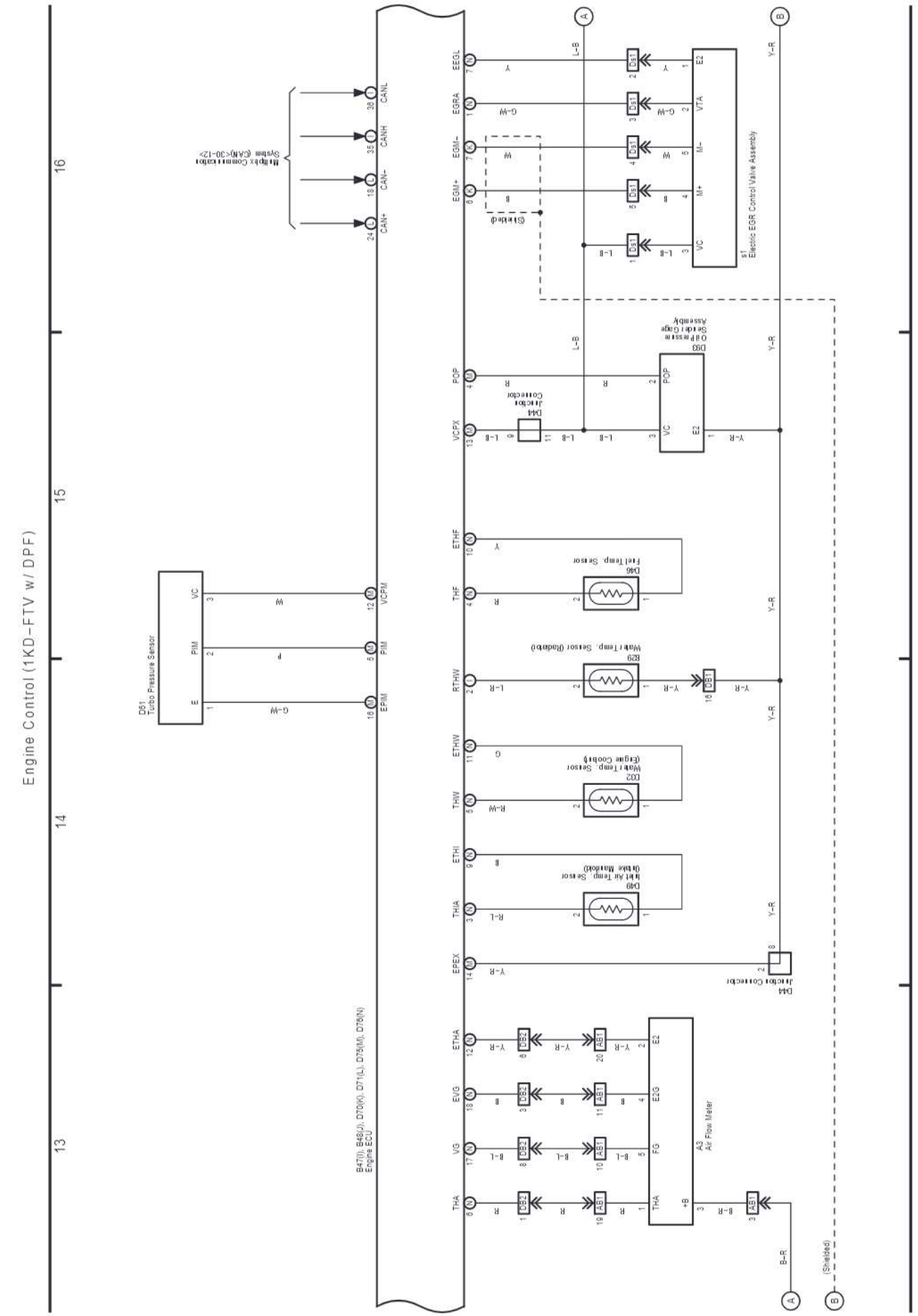
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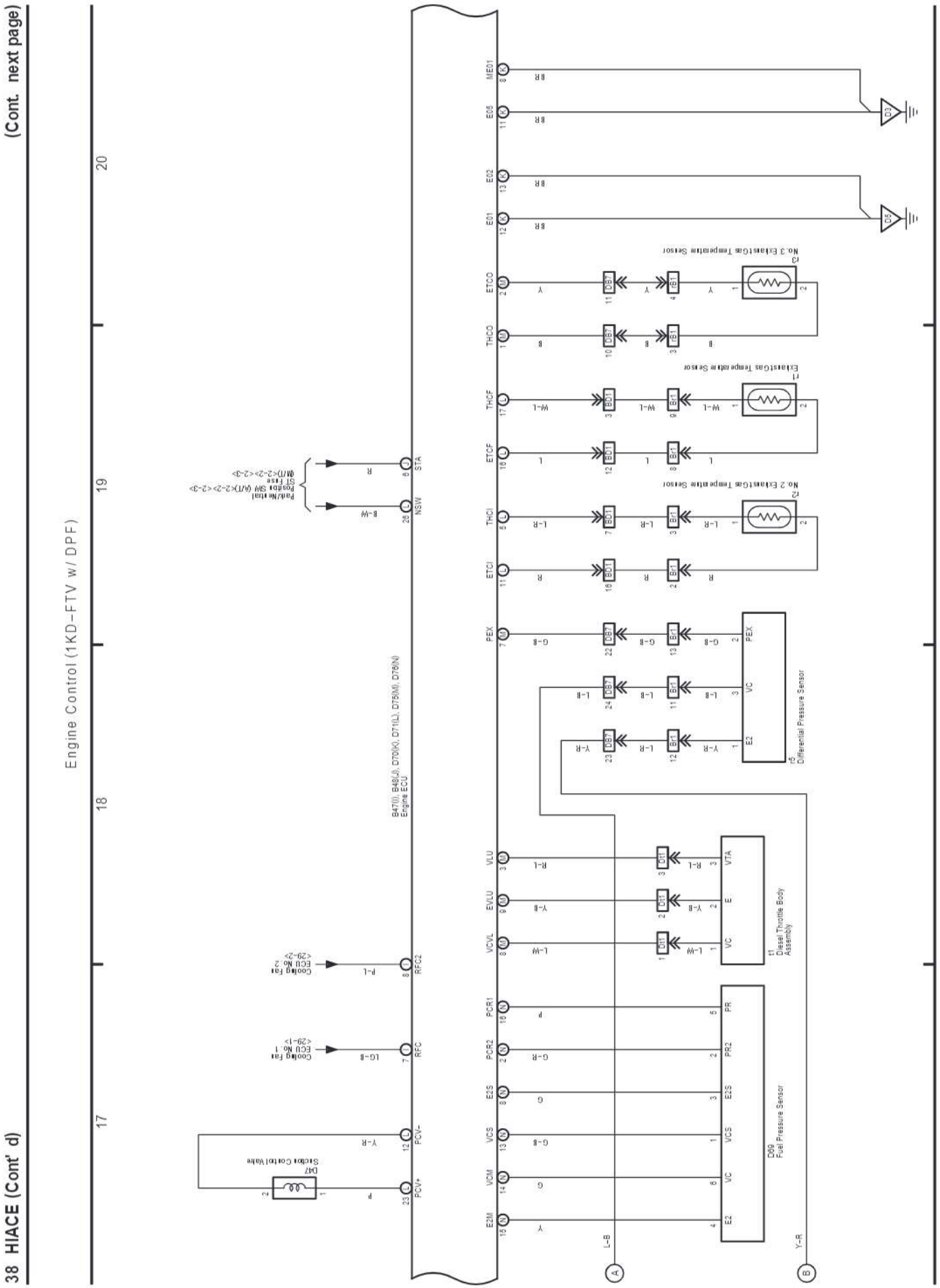



(Cont. next page)
38 HIACE (Cont' d)
Engine Control (1KD-FTV w/ DPF)
9
10
11
12
80A GLOW
(BAT)
B47(I), B48(J), D70(K), D71(L), D75(M), D76(N) Engine ECU
B64(A), B65(B), B66(C), B67(D) Glow Plug Controller
D88 Glow Plug
D43 Junction Connector
D19 Camshaft Position Sensor
D10 Camshaft Position Sensor
D65(A), D66(B) Turbocharger Variable Nozzle Motor Assembly
Shielded
(Shielded)
B-R
BR
R-Y
G-B
R-W
B-R

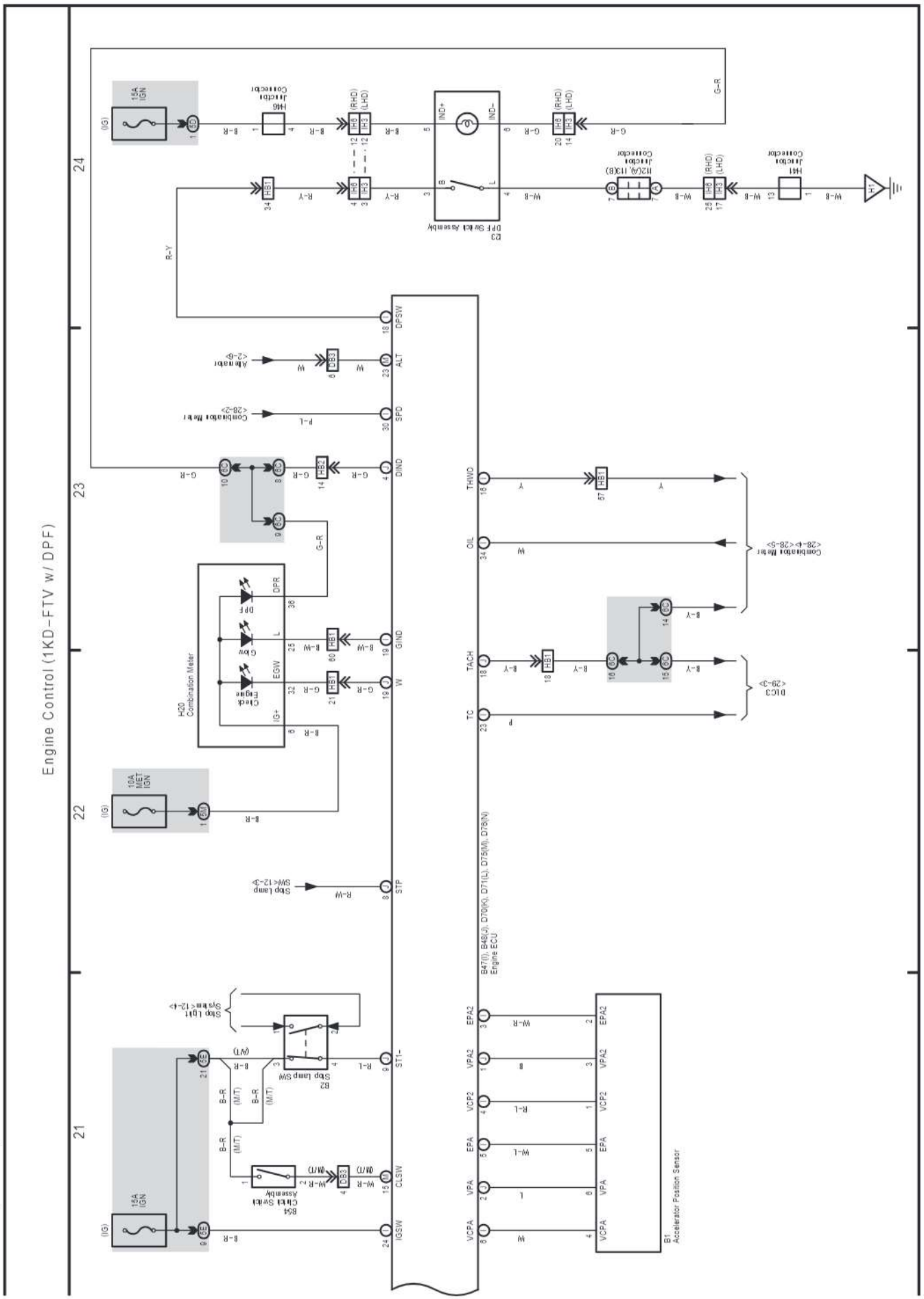
38 HIACE (Cont' d)

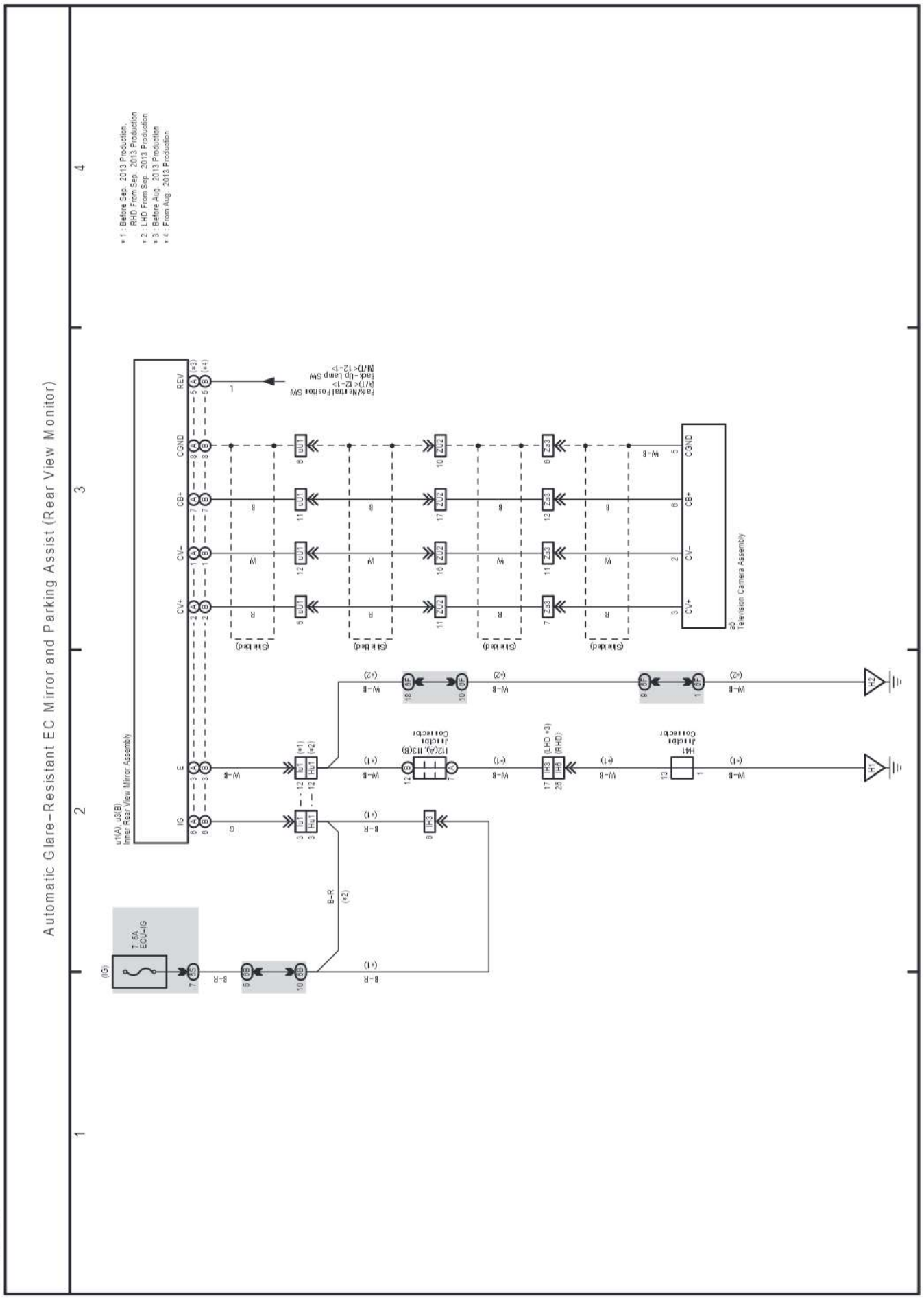
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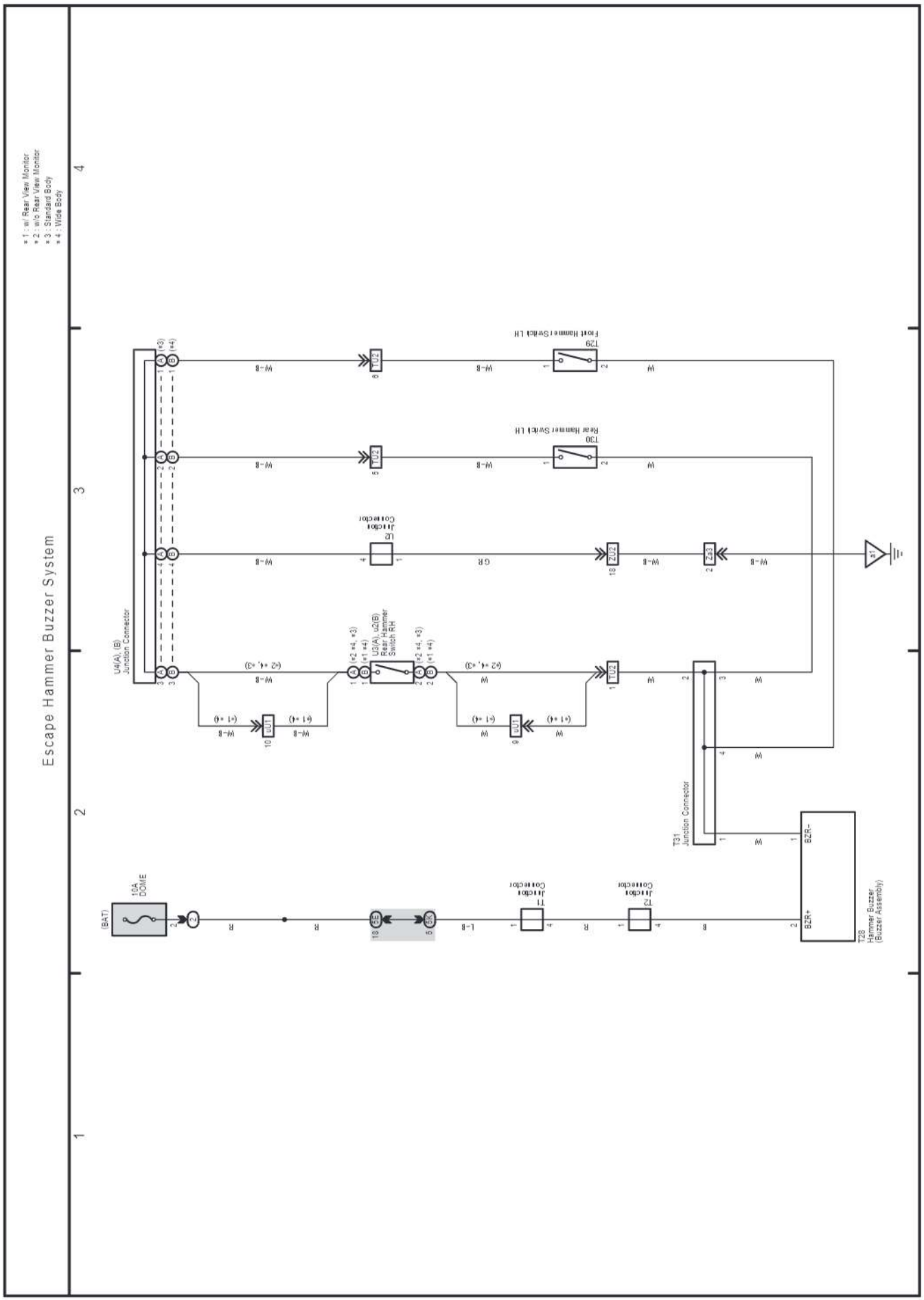


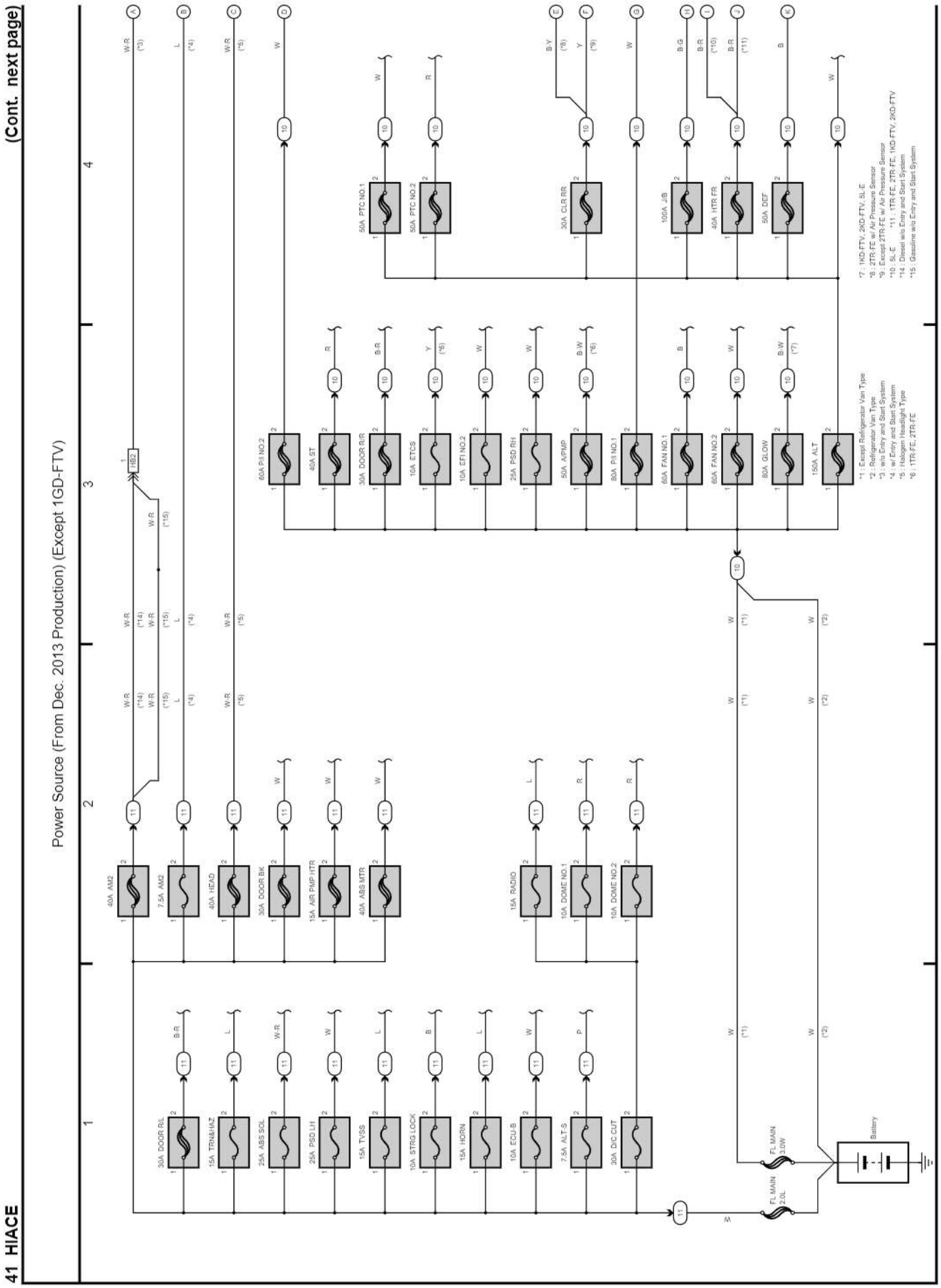

(Cont. next page)
38 HIACE (Cont' d)
17
18
19
20
Engine Control (1KD-FTV w/ DPF)
B47(I), B48(J), D70(K), D71(L), D76(M), D76(N)
Engine ECU
STA
NSW
RFC2
RFC
PCV-
PCV+
Park/Neutral Position SW (A/T)
ST Fuse
Cooling Fan ECU No. 2
Cooling Fan ECU No. 1
Starter Control Valve
D47
MED1
E08
E02
E01
ETCO
THCO
THCF
ETCF
THCI
ETCI
PEX
VLU
EVLU
VCVL
PCR1
PCR2
E2S
VCS
VCM
E2M
No. 3 Exhaust Gas Temperature Sensor
t3
Exhaust Gas Temperature Sensor
t1
No. 2 Exhaust Gas Temperature Sensor
t2
Differential Pressure Sensor
n5
Diesel Throttle Body Assembly
t1
D99
Fuel Pressure Sensor
C3
C5
A
B

38 HIACE (Cont' d)



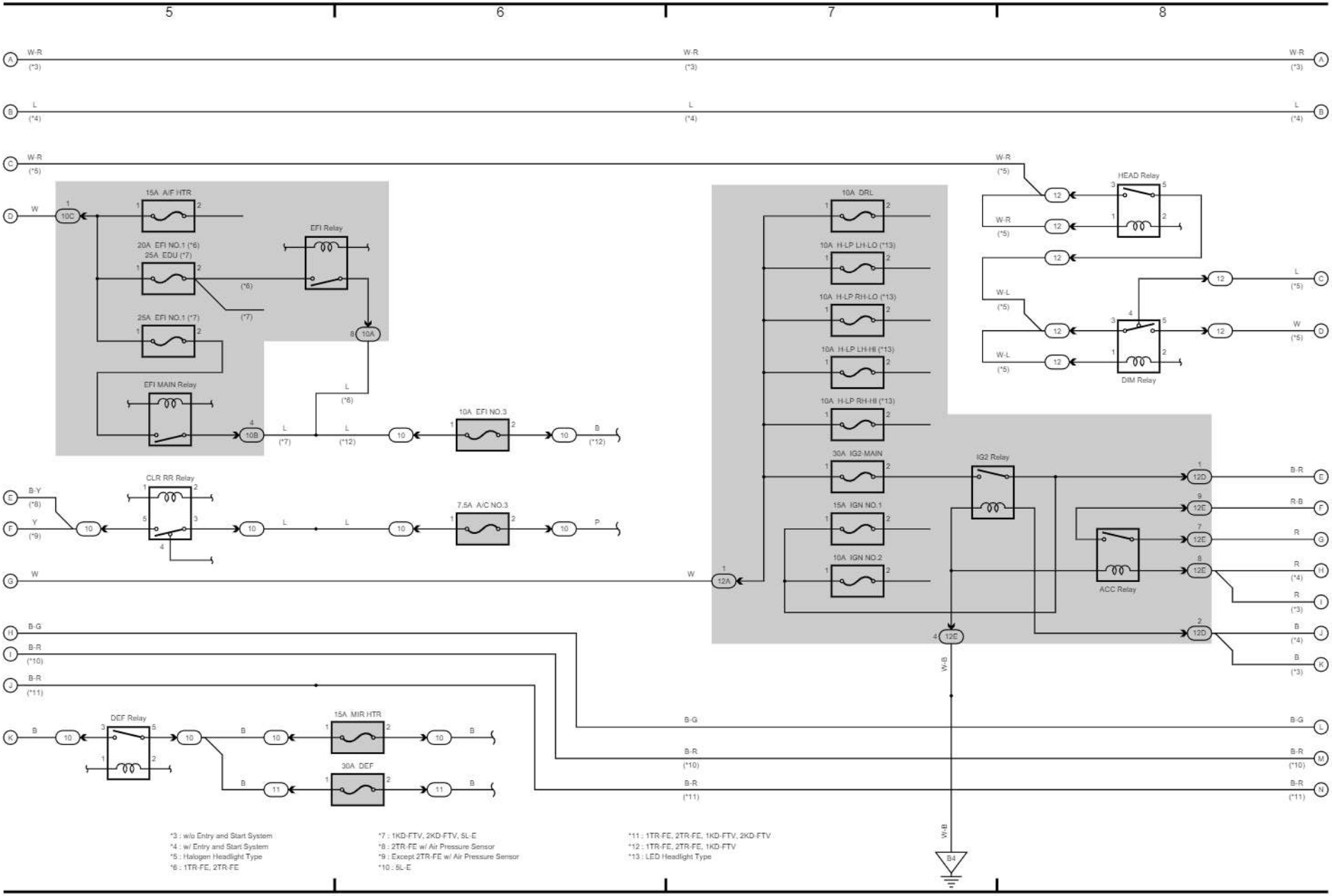

Automatic Glare-Resistant EC Mirror and Parking Assist (Rear View Monitor)
*1 : Before Sep., 2013 Production, RHD From Sep., 2013 Production
*2 : LHD From Sep., 2013 Production
*3 : Before Aug., 2013 Production
*4 : From Aug., 2013 Production
u1(A), u3(B)
Inner Rear View Mirror Assembly
Park/Neutral Position SW
Back-Up Lamp SW
(M/T)
(A/T)
REV
CGND
CB+
CV-
CV+
E
IG
Shielded
a5
Television Camera Assembly
7.5A
EGU-IG
(IG)
B-R
W-B
G
L
Junction Connector
(LHD *3)
(RHD)
2
3
4


Escape Hammer Buzzer System
*1 : w/ Rear View Monitor
*2 : w/o Rear View Monitor
*3 : Standard Body
*4 : Wide Body
1
2
3
4
(BAT)
10A
DOME
U4(A), (B)
Junction Connector
U3(A), u2(B)
Rear Hammer
Switch RH
Front Hammer Switch LH
T29
Rear Hammer Switch LH
T30
Junction
Connector
T5
T1
Junction
Connector
T2
Junction
Connector
T31
Junction Connector
T28
Hammer Buzzer
(Buzzer Assembly)
BZR-
BZR+
IG1
OUT
TU2
ZU2
ZJ3
GE
GK

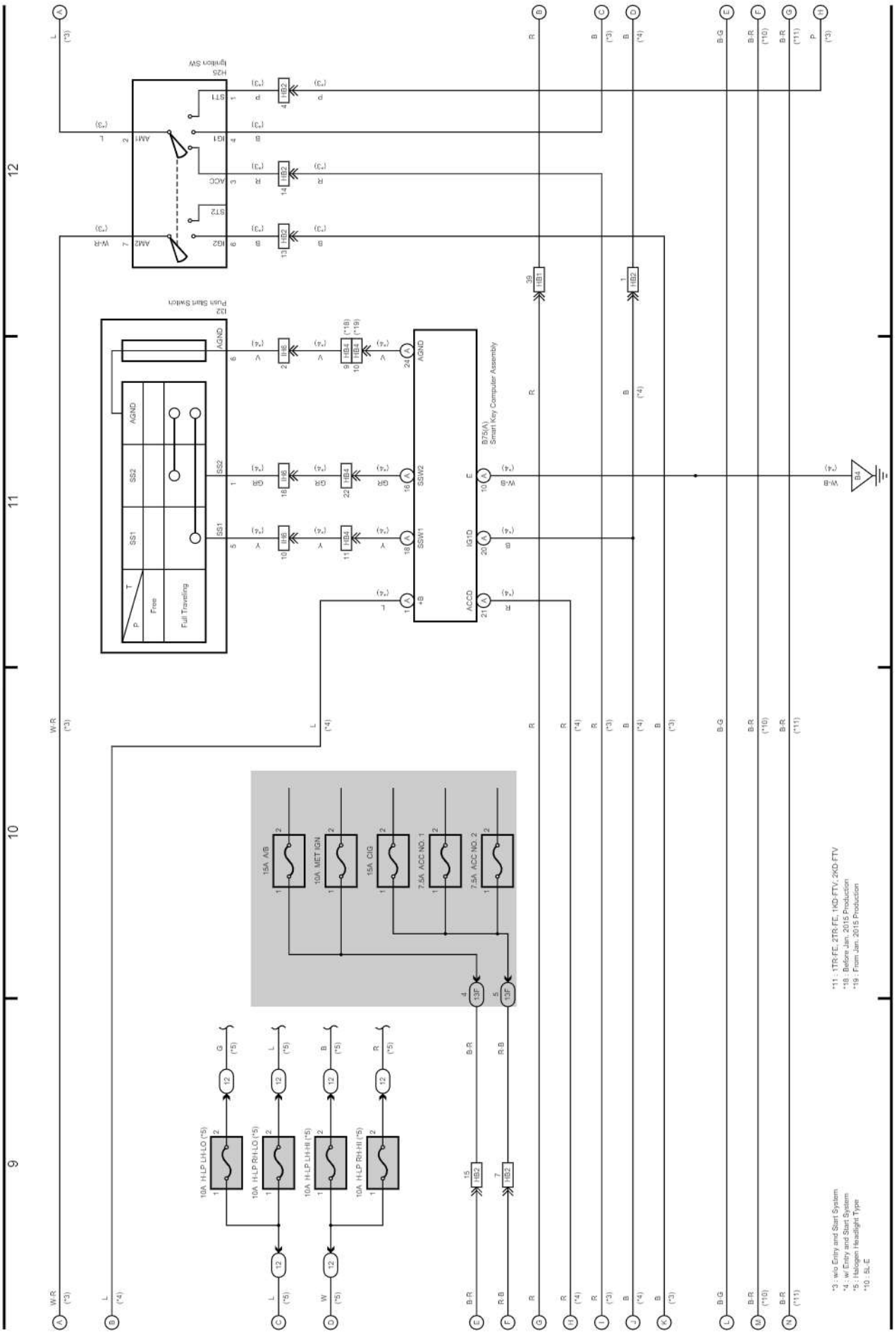

(Cont. next page)
Power Source (From Dec. 2013 Production) (Except 1GD-FTV)
41 HIACE
1
2
3
4
40A AM2
7.5A AM2
40A HEAD
30A DOOR BK
15A AIR PMP HTR
40A ABS MTR
15A RADIO
10A DOME NO.1
10A DOME NO.2
30A DOOR R/L
15A TRN&HAZ
25A ABS SOL
25A PSD LH
15A TVSS
10A STRG LOCK
15A HORN
10A ECU-B
7.5A ALT-S
30A DIC CUT
60A P/I NO.2
40A ST
30A DOOR R/R
10A ETCS
10A EFI NO.2
25A PSD RH
50A APMP
60A P/I NO.1
60A FAN NO.1
60A FAN NO.2
80A GLOW
150A ALT
50A PTC NO.1
50A PTC NO.2
30A CLR RR
100A J/B
40A HTR FR
50A DEF
HB2
FL MAIN 3.0W
FL MAIN 2.0L
Battery
*1 : Except Refrigerator Van Type
*2 : Refrigerator Van Type
*3 : w/o Entry and Start System
*4 : w/ Entry and Start System
*5 : Halogen Headlight Type
*6 : 1TR-FE, 2TR-FE
*7 : 1KD-FTV, 2KD-FTV, 5L-E
*8 : 2TR-FE w/ Air Pressure Sensor
*9 : Except 2TR-FE w/ Air Pressure Sensor
*10 : 5L-E *11 : 1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV
*14 : Diesel w/o Entry and Start System
*15 : Gasoline w/o Entry and Start System

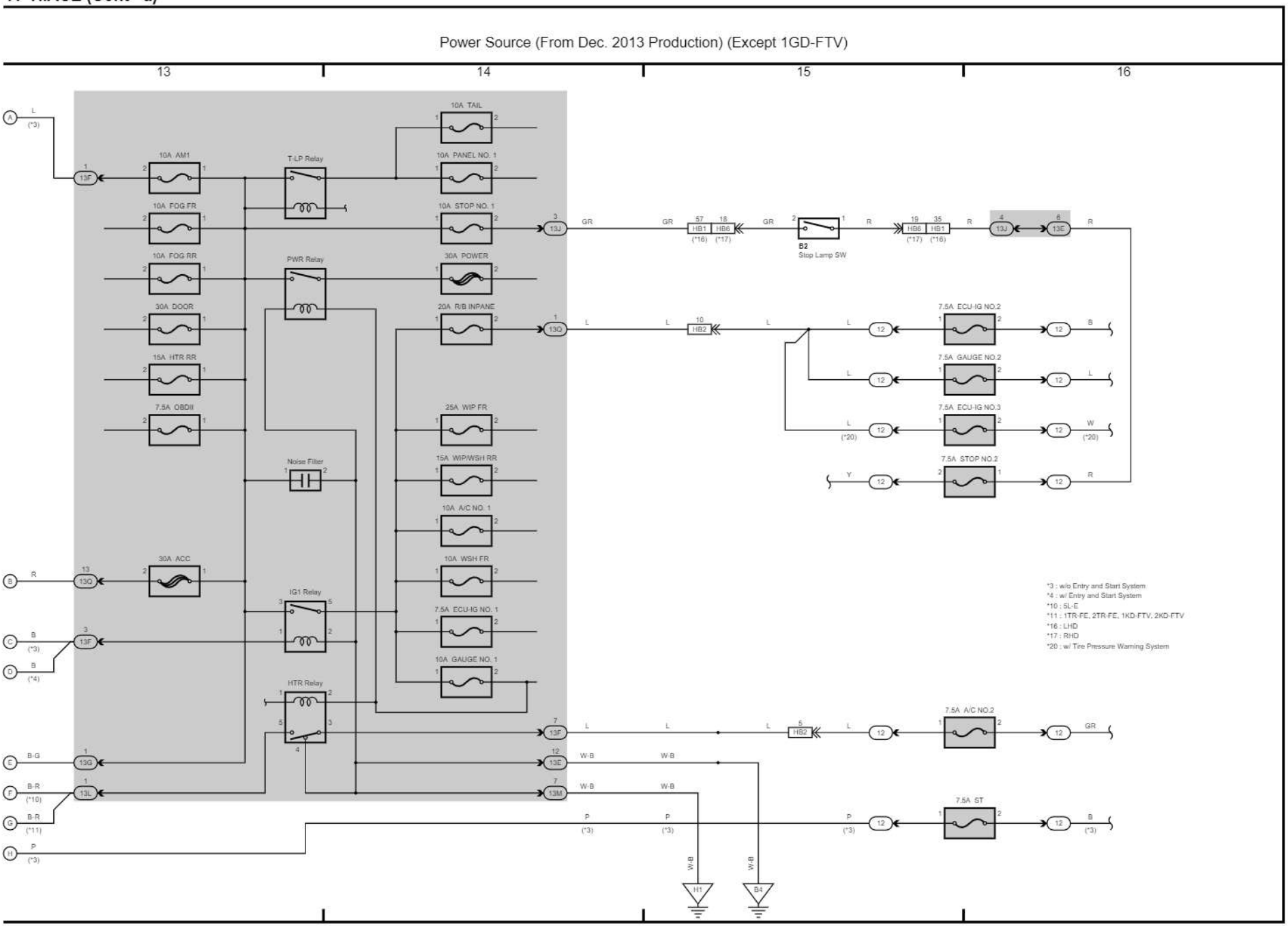
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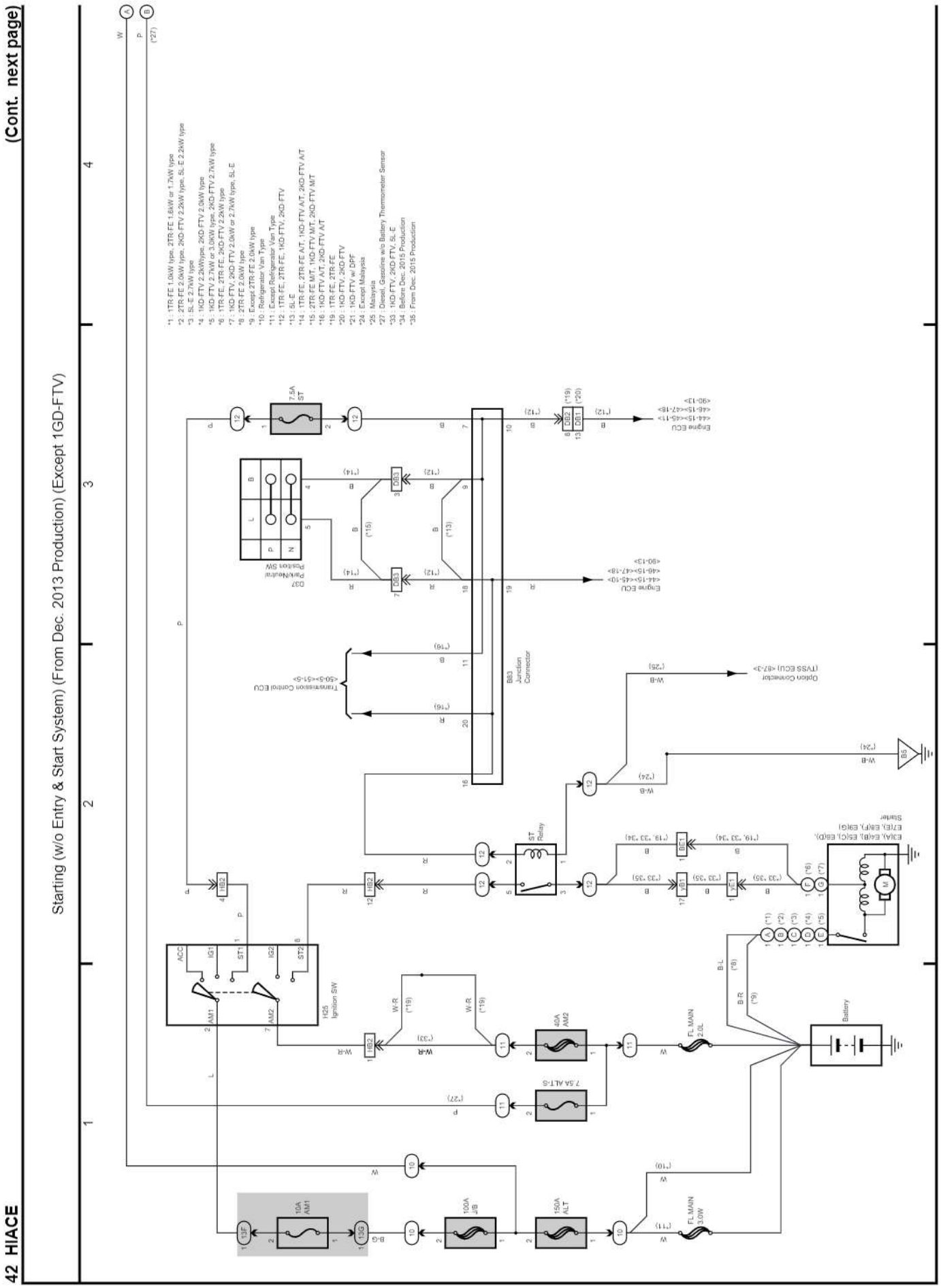
Power Source (From Dec. 2013 Production) (Except 1GD-FTV)

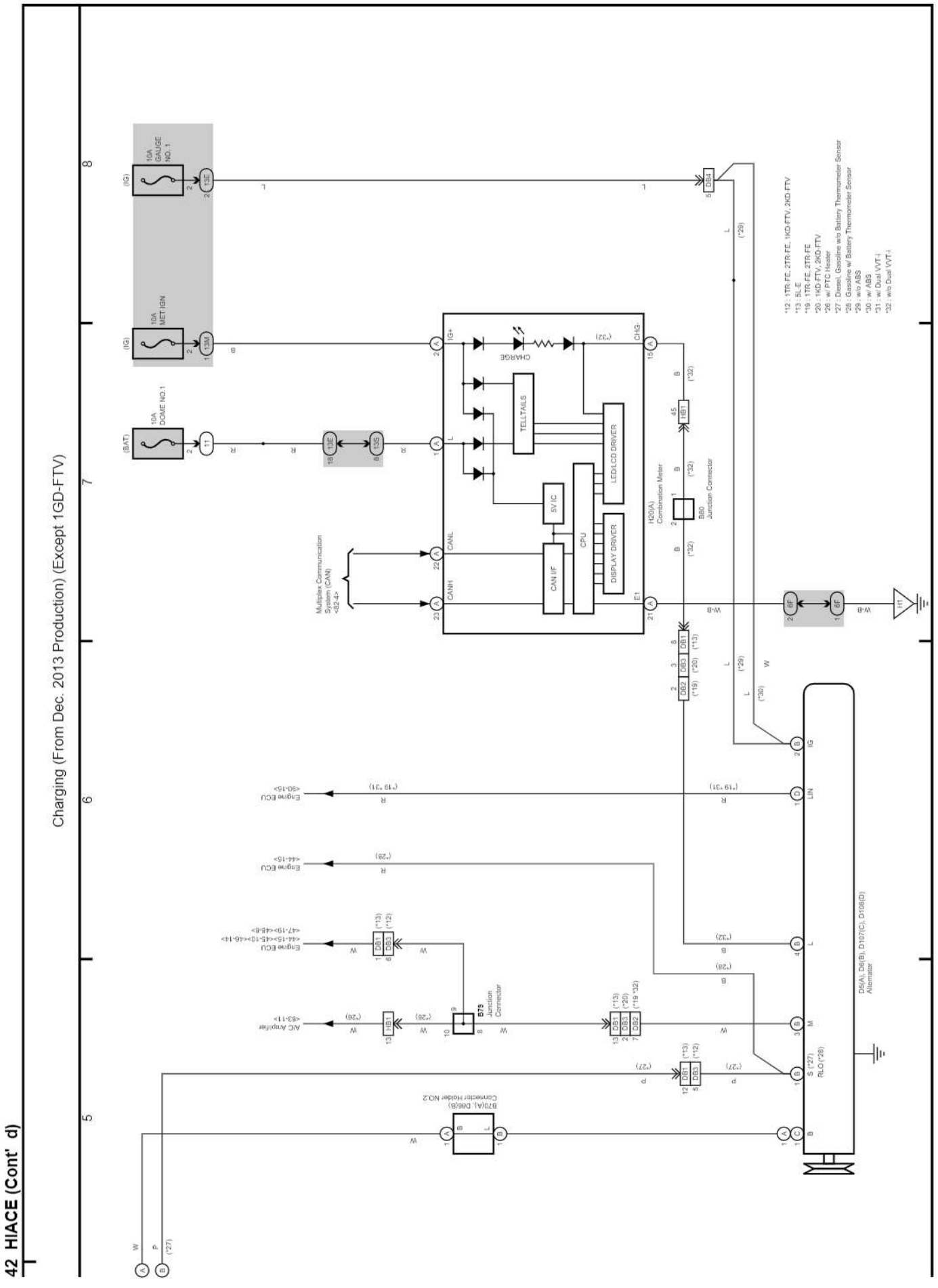


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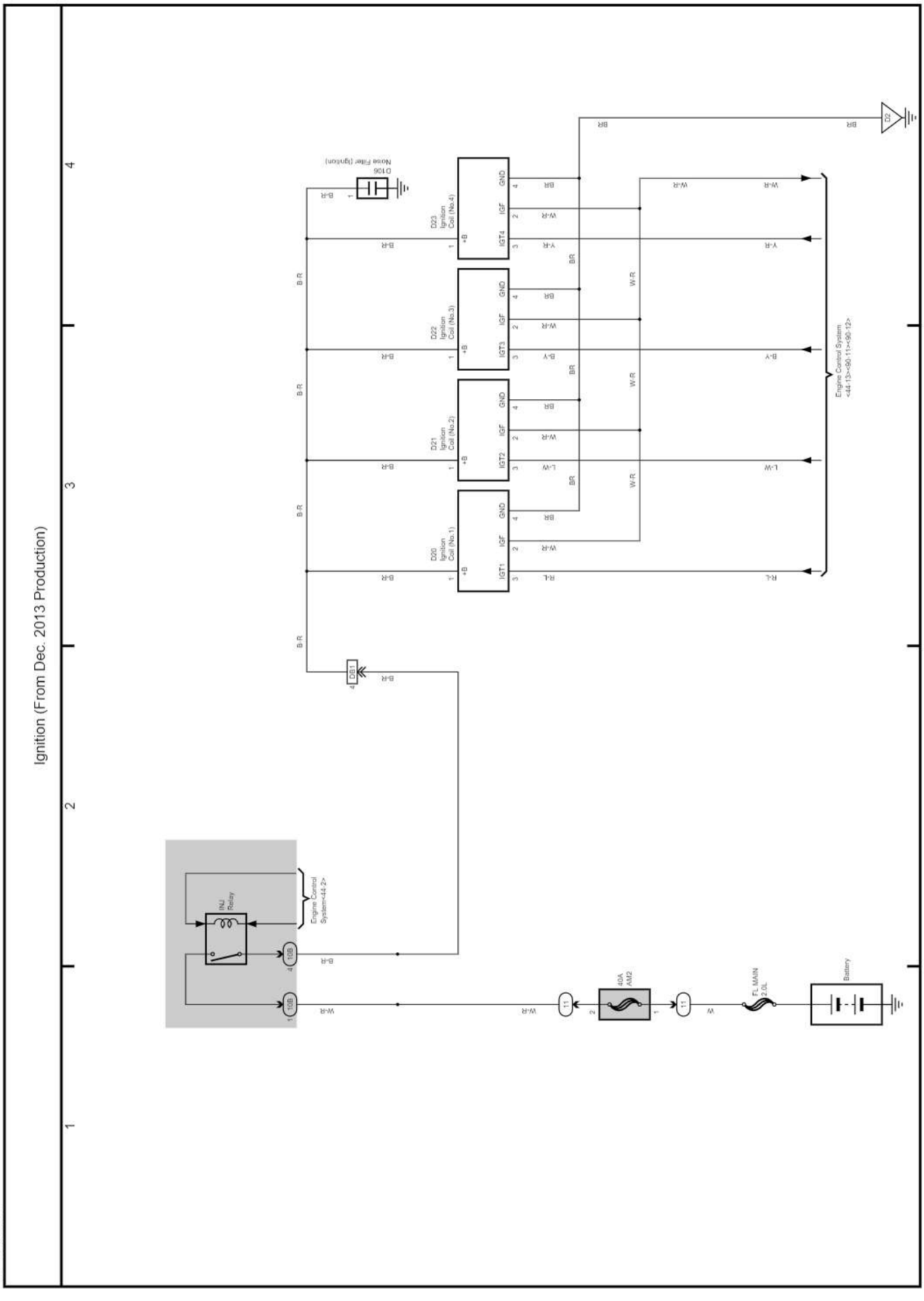



Power Source (From Dec. 2013 Production) (Except 1GD-FTV)
13
14
15
16
10A TAIL
10A AM1
T-LP Relay
10A PANEL NO. 1
10A FOG FR
10A STOP NO. 1
10A FOG RR
PWR Relay
30A POWER
30A DOOR
20A R/B INPANE
15A HTR RR
7.5A OBDII
25A WIP FR
Noise Filter
15A WIP/WSH RR
10A A/C NO. 1
30A ACC
10A WSH FR
IG1 Relay
7.5A ECU-IG NO. 1
10A GAUGE NO. 1
HTR Relay
B2
Stop Lamp SW
7.5A ECU-IG NO.2
7.5A GAUGE NO.2
7.5A ECU-IG NO.3
7.5A STOP NO.2
7.5A A/C NO.2
7.5A ST
H1
B4
*3 : w/o Entry and Start System
*4 : w/ Entry and Start System
*10 : 5L-E
*11 : 1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV
*16 : LHD
*17 : RHD
*20 : w/ Tire Pressure Warning System


(Cont. next page)
Starting (w/o Entry & Start System) (From Dec. 2013 Production) (Except 1GD-FTV)
42 HIACE
*1 : 1TR-FE 1.0kW type, 2TR-FE 1.6kW or 1.7kW type
*2 : 2TR-FE 2.0kW type, 2KD-FTV 2.2kW type, 5L-E 2.2kW type
*3 : 5L-E 2.7kW type
*4 : 1KD-FTV 2.2kWtype, 2KD-FTV 2.0kW type
*5 : 1KD-FTV 2.7kW or 3.0kW type, 2KD-FTV 2.7kW type
*6 : 1TR-FE, 2TR-FE, 2KD-FTV 2.2kW type
*7 : 1KD-FTV, 2KD-FTV 2.0kW or 2.7kW type, 5L-E
*8 : 2TR-FE 2.0kW type
*9 : Except 2TR-FE 2.0kW type
*10 : Refrigerator Van Type
*11 : Except Refrigerator Van Type
*12 : 1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV
*13 : 5L-E
*14 : 1TR-FE, 2TR-FE A/T, 1KD-FTV A/T, 2KD-FTV A/T
*15 : 2TR-FE M/T, 1KD-FTV M/T, 2KD-FTV M/T
*16 : 1KD-FTV A/T, 2KD-FTV A/T
*19 : 1TR-FE, 2TR-FE
*20 : 1KD-FTV, 2KD-FTV
*21 : 1KD-FTV w/ DPF
*24 : Except Malaysia
*25 : Malaysia
*27 : Diesel, Gasoline w/o Battery Thermometer Sensor
*33 : 1KD-FTV, 2KD-FTV, 5L-E
*34 : Before Dec. 2015 Production
*35 : From Dec. 2015 Production
Engine ECU
<44-15><45-11>
<46-15><47-18>
<90-13>
Engine ECU
<44-15><45-10>
<46-15><47-18>
<90-13>
Transmission Control ECU
<50-3><51-5>
Option Connector
(TVSS ECU) <87-3>
Battery
Starter
Ignition SW
Park/Neutral Position SW
Junction Connector
ST Relay
7.5A ST
7.5A ALT-S
40A AM2
100A J/B
150A ALT
10A AM1
FL MAIN 2.0L
FL MAIN 3.0W

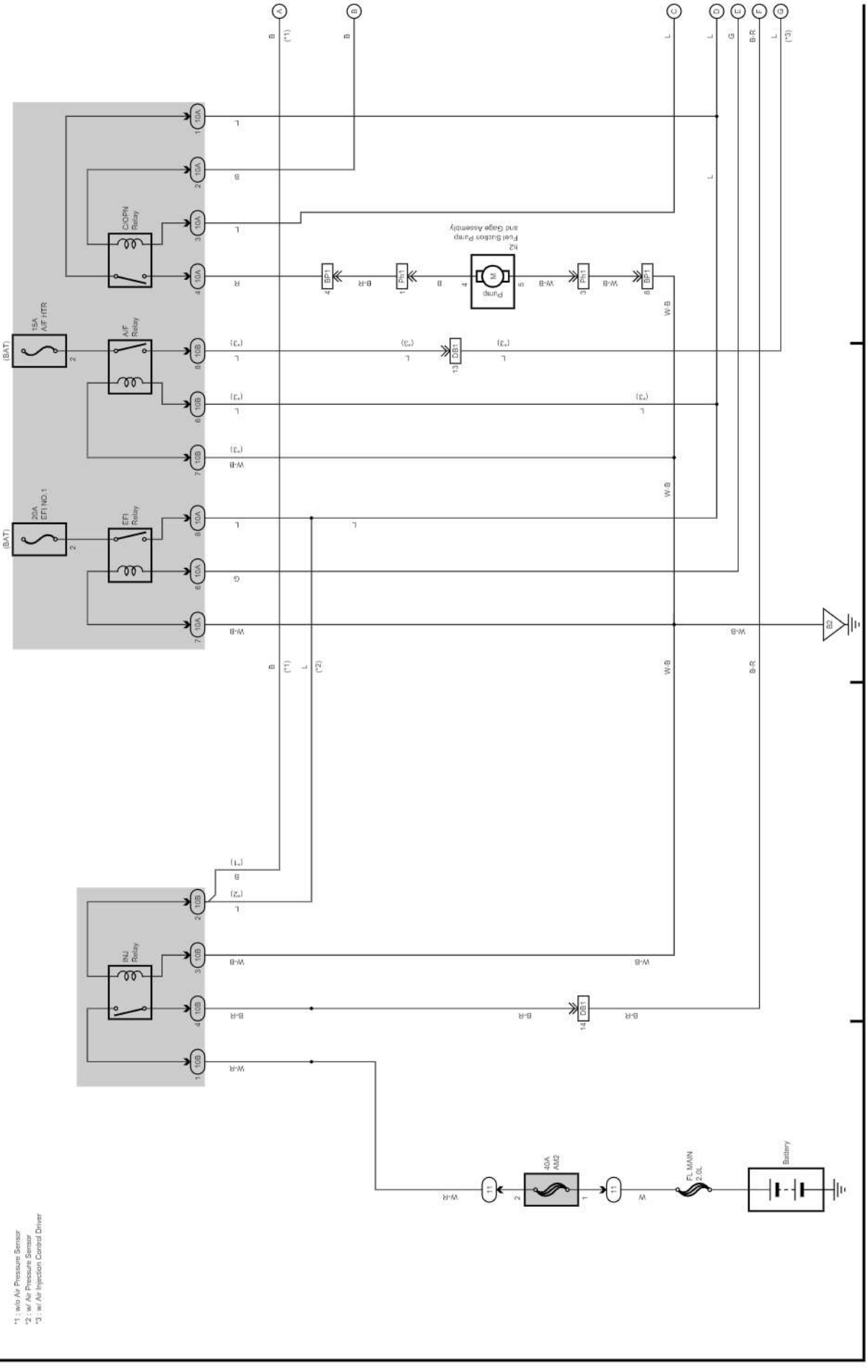

42 HIACE (Cont' d)
Charging (From Dec. 2013 Production) (Except 1GD-FTV)
10A GAUGE NO. 1
10A MET IGN
10A DOME NO.1
CHARGE
TELLTALS
LED/LCD DRIVER
5V I/C
CPU
DISPLAY DRIVER
CAN I/F
Multiplex Communication System (CAN) <82-4>
H20(A) Combination Meter
B80 Junction Connector
B70(A), B8(B) Connector Holder NO.2
B75 Junction Connector
D5(A), D6(B), D107(C), D108(D) Alternator
Engine ECU <80-15>
Engine ECU <44-15>
Engine ECU <44-15><45-10><46-14><47-19><48-8>
A/C Amplifier <83-11>
*12 : 1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV
*13 : 5L-E
*19 : 1TR-FE, 2TR-FE
*20 : 1KD-FTV, 2KD-FTV
*26 : w/ PTC Heater
*27 : Diesel, Gasoline w/o Battery Thermometer Sensor
*28 : Gasoline w/ Battery Thermometer Sensor
*29 : w/o ABS
*30 : w/ ABS
*31 : w/ Dual VVT-i
*32 : w/o Dual VVT-i

M OVERALL ELECTRICAL WIRING DIAGRAM



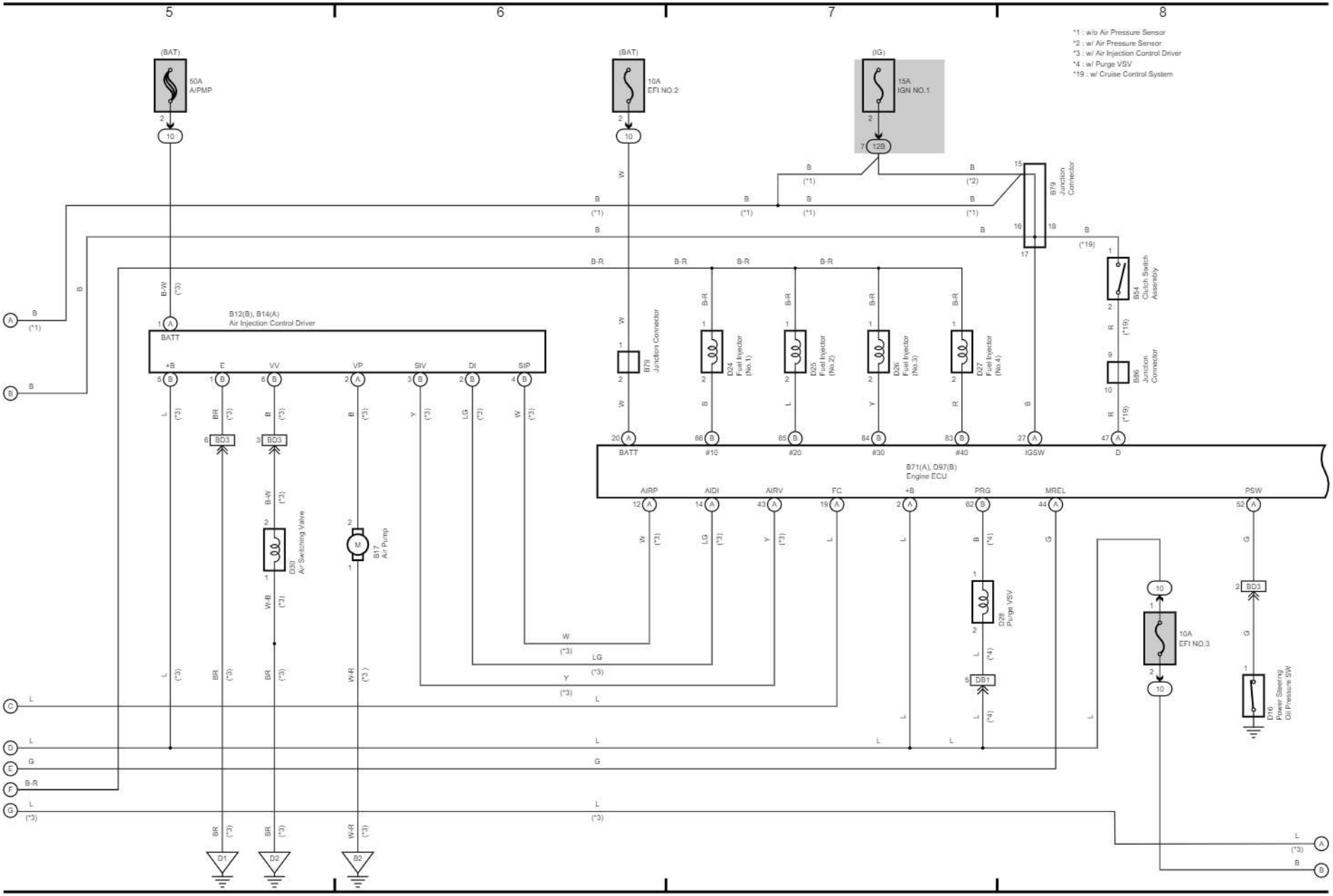
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Cruise Control (2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production) and Engine Control (1TR-FE, 2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production)

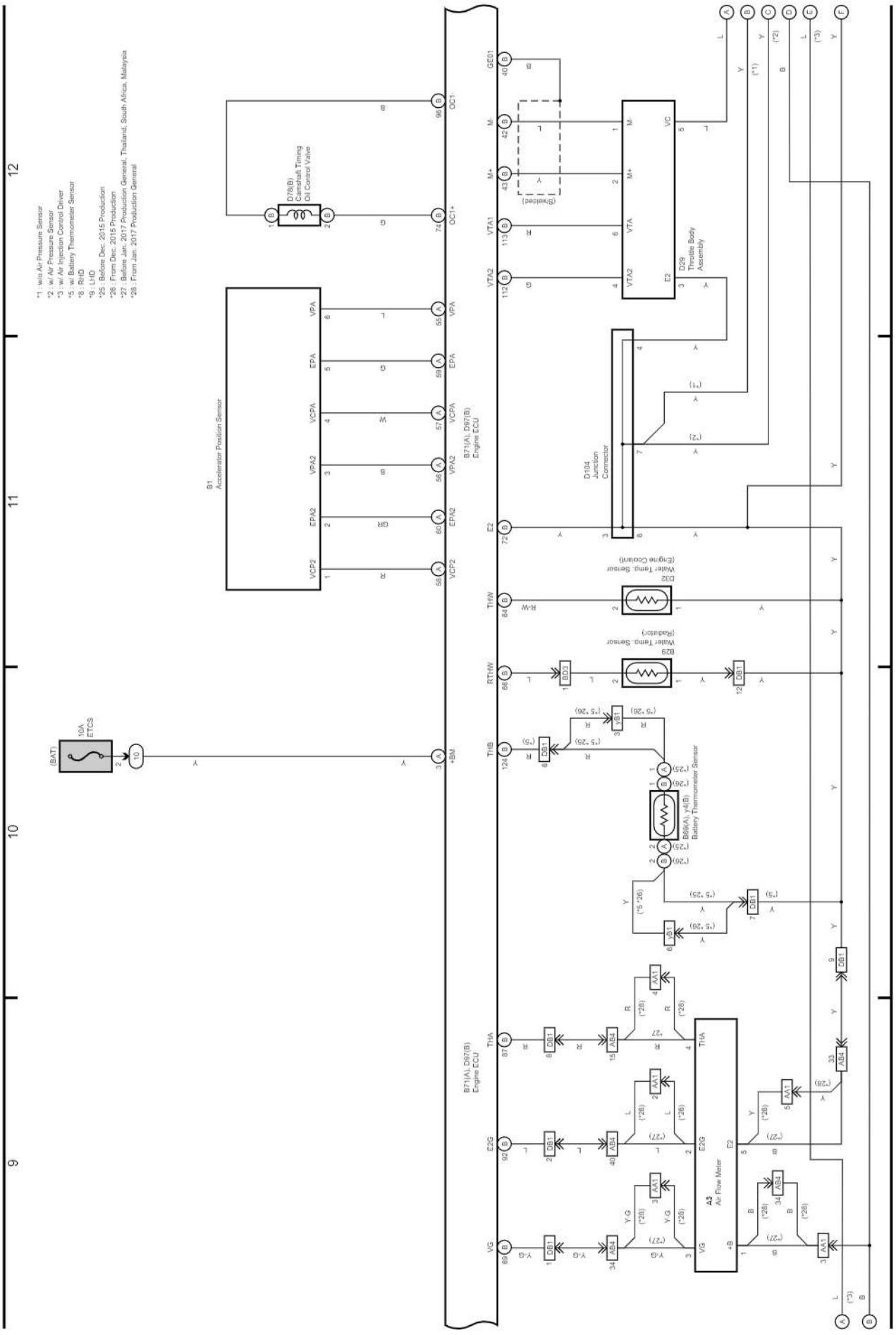


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Cruise Control (2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production) and Engine Control (1TR-FE, 2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production)

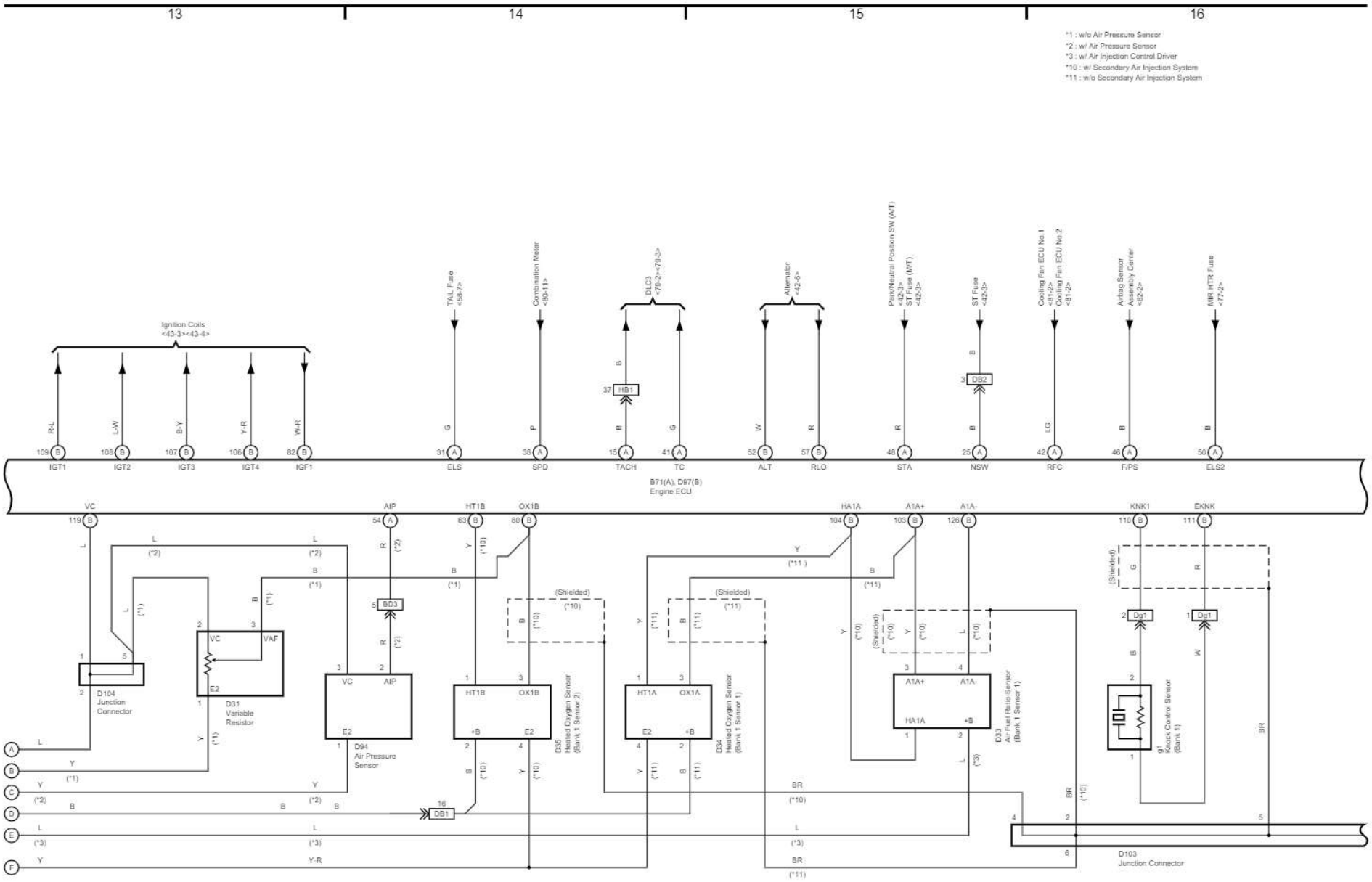


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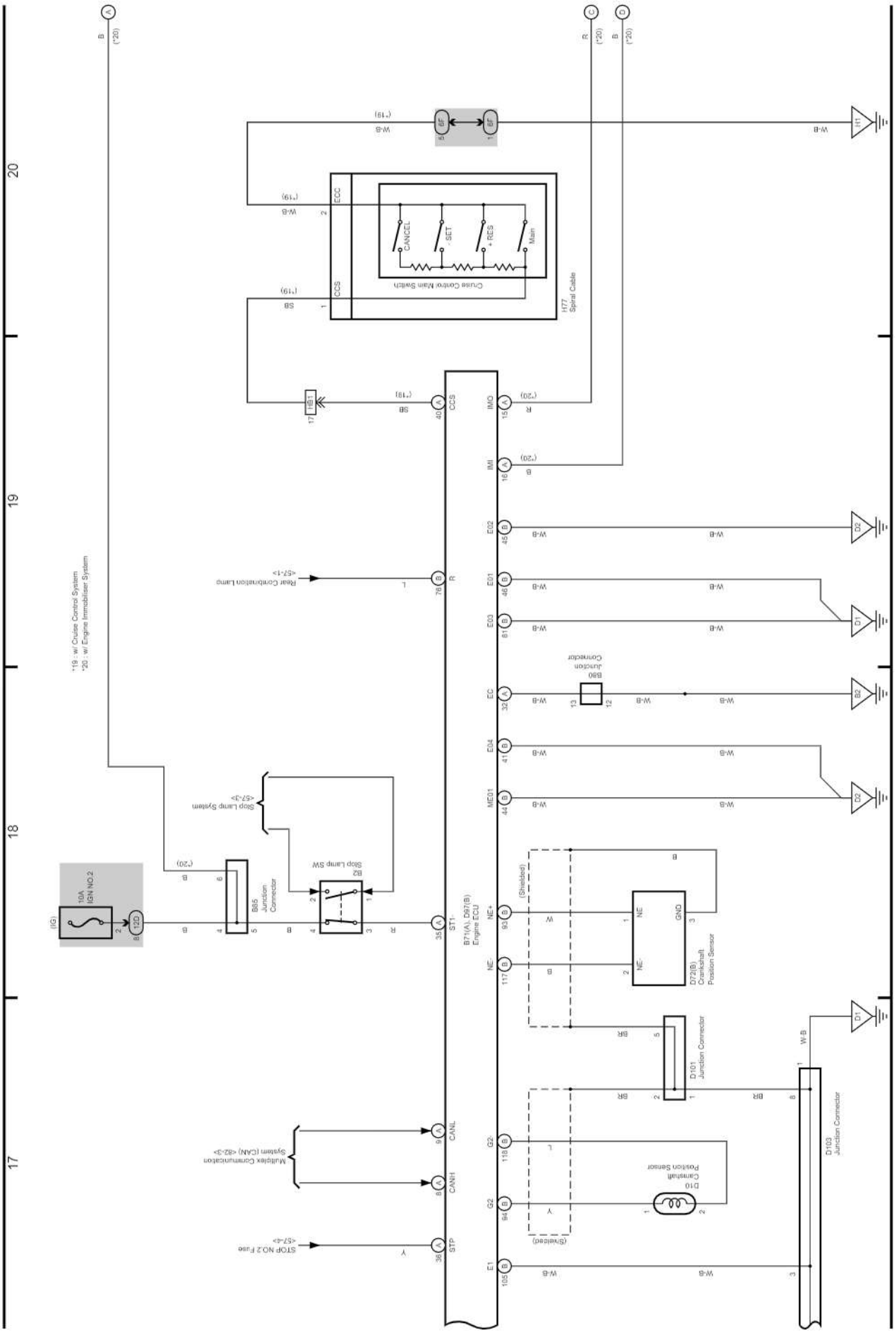


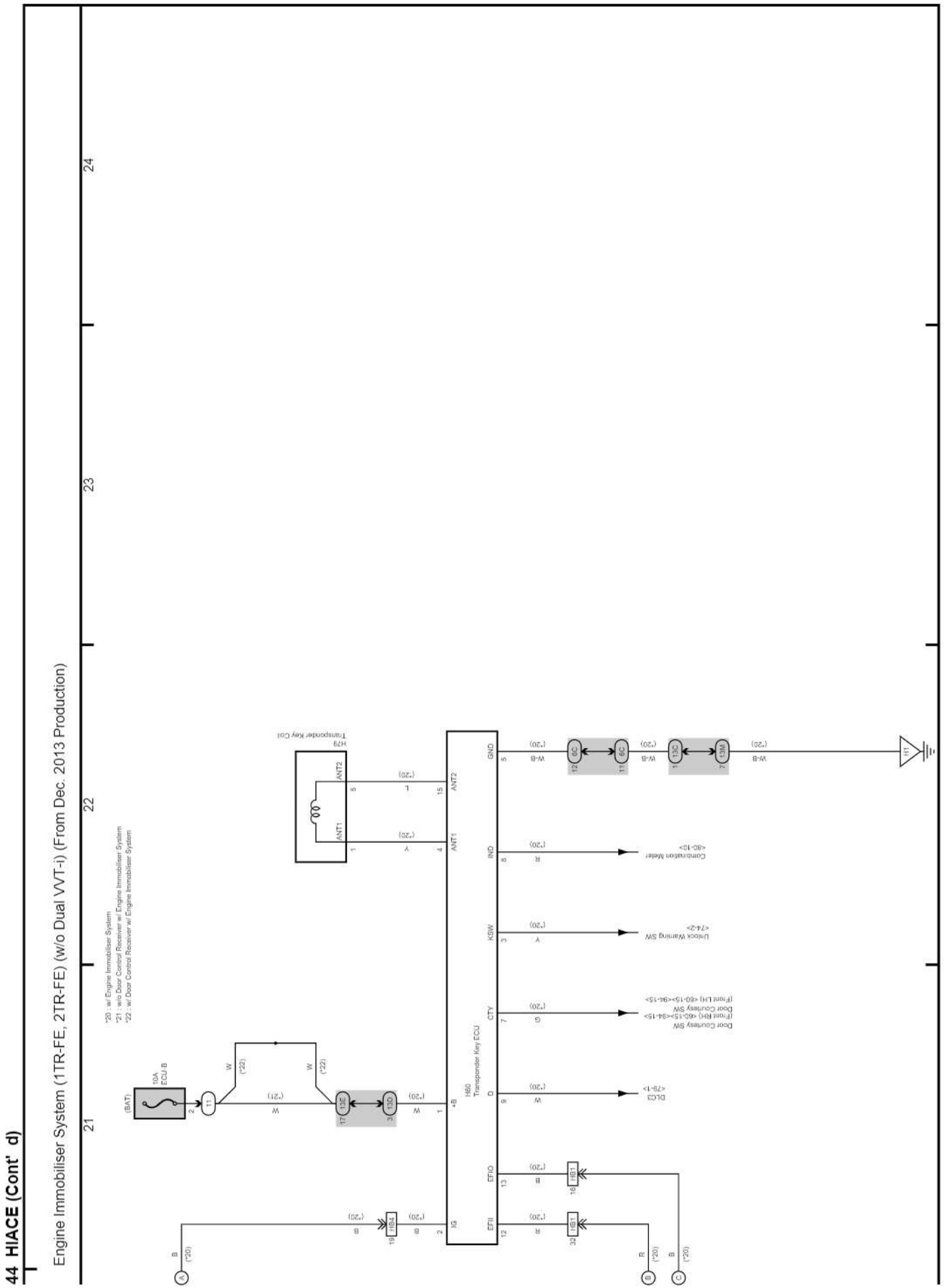
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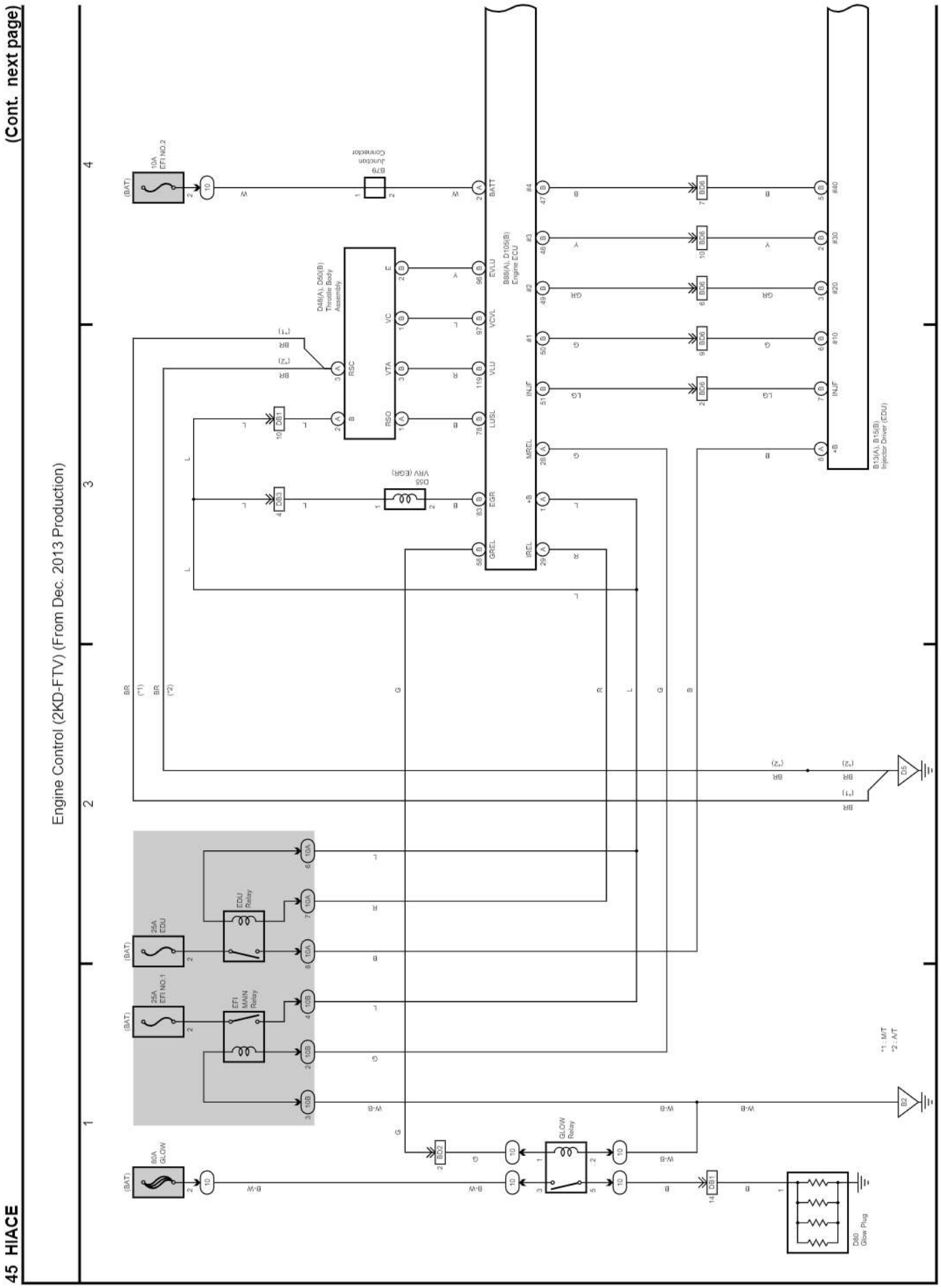
Cruise Control (2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production) and Engine Control (1TR-FE, 2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production)



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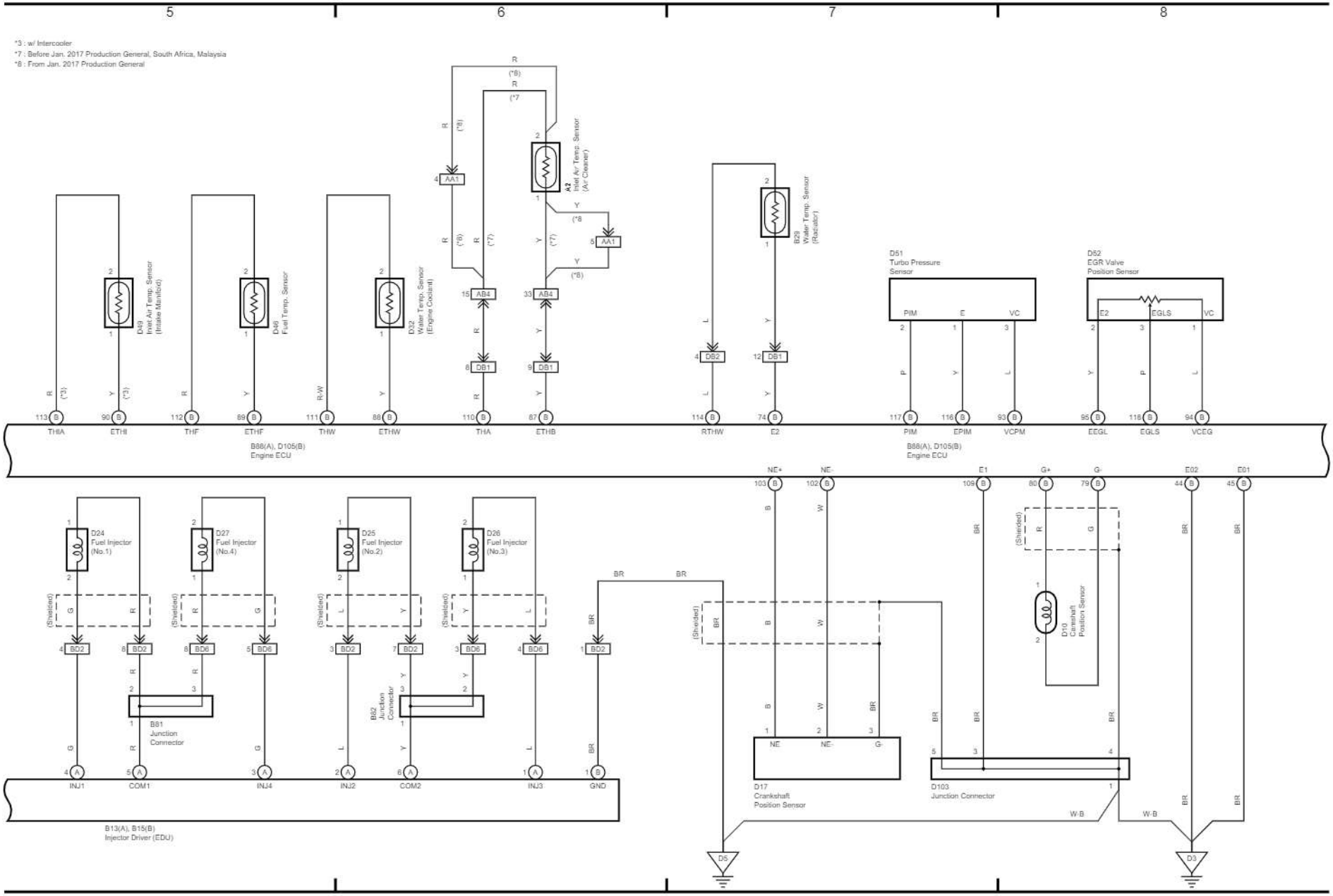


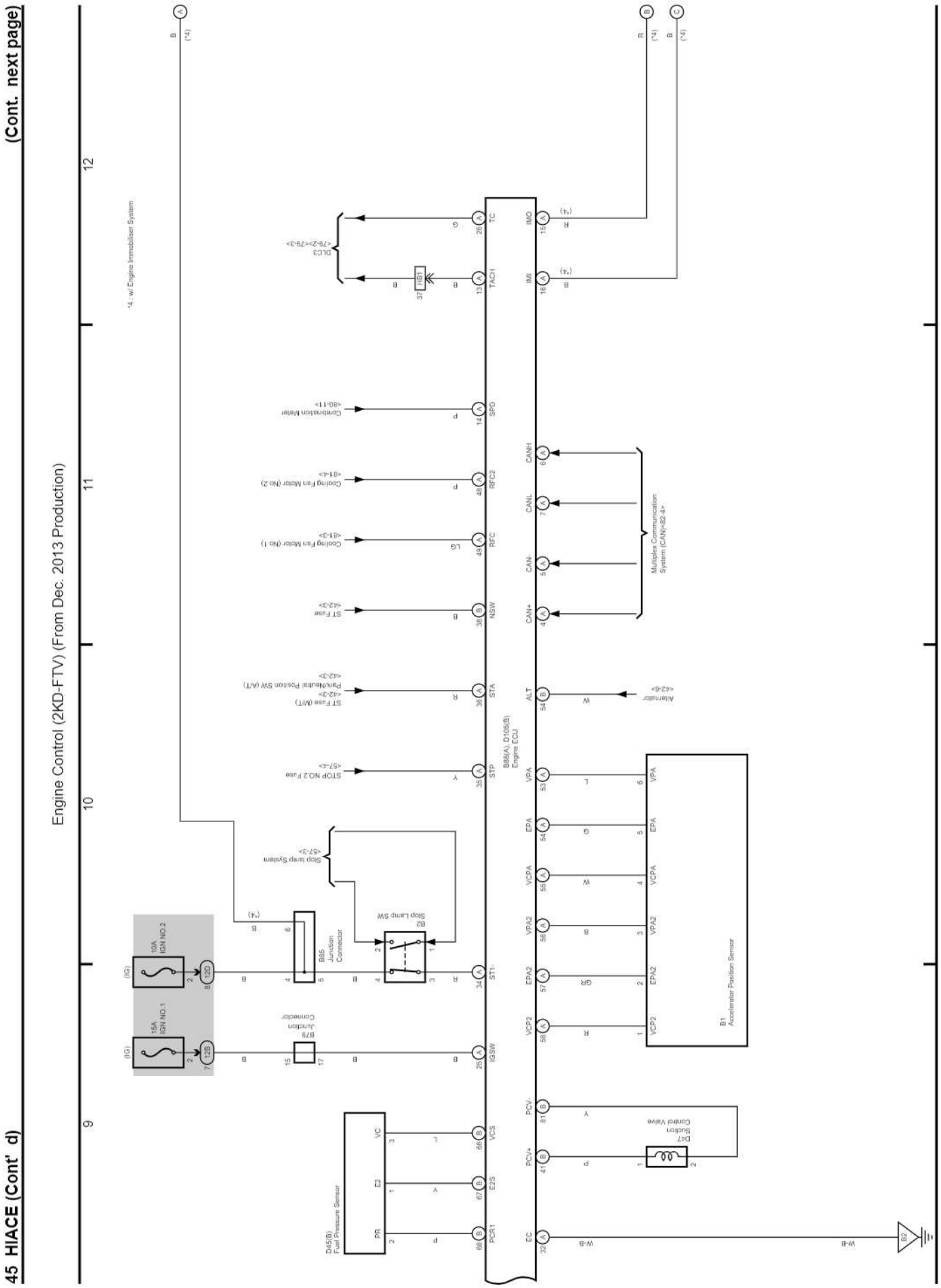

44 HIACE (Cont' d)
Engine Immobiliser System (1TR-FE, 2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production)
21
22
23
24
*20 : w/ Engine Immobiliser System
*21 : w/o Door Control Receiver w/ Engine Immobiliser System
*22 : w/ Door Control Receiver w/ Engine Immobiliser System
(BAT)
10A ECU-B
H79 Transponder Key Coil
H60 Transponder Key ECU
+B
IG
EFII
EFIO
GND
IND
KSW
CTY
D
ANT1
ANT2
Combination Meter <3C-10>
Unlock Warning SW <74-2>
Door Courtesy SW Front RH) <60-15><94-15>
Door Courtesy SW Front LH) <60-15><94-15>
DLC3 <29-1>
H1

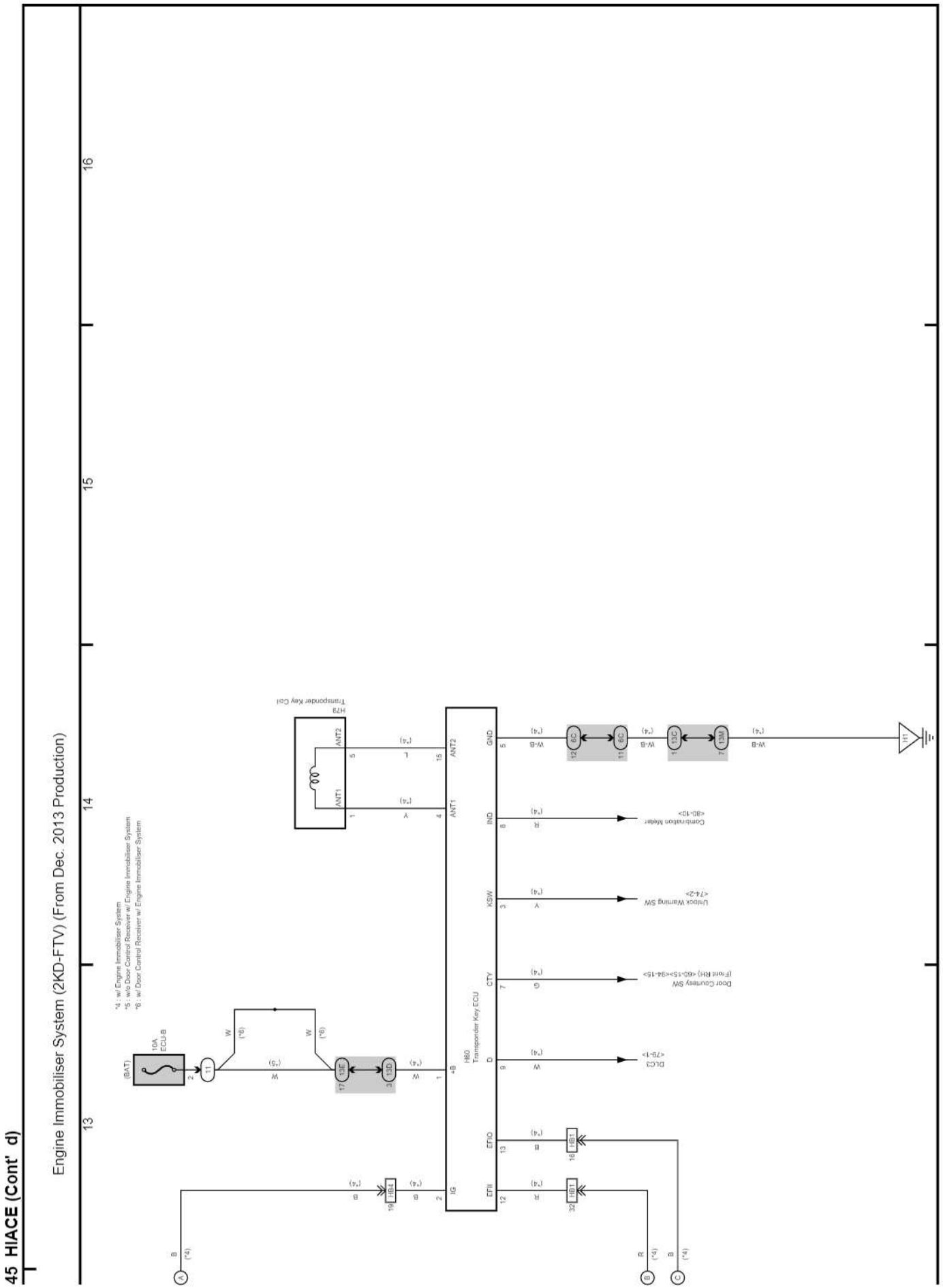

(Cont. next page)
Engine Control (2KD-FTV) (From Dec. 2013 Production)
45 HIACE
10A EFI NO.2
B79 Junction Connector
D48(A), D50(B) Throttle Body Assembly
B88(A), D105(B) Engine ECU
B13(A), B15(B) Injector Driver (EDU)
D55 VRV (EGR)
25A EDU
25A EFI NO.1
EDU Relay
EFI MAIN Relay
80A GLOW
GLOW Relay
D80 Glow Plug
D5
B2
*1 : M/T
*2 : A/T

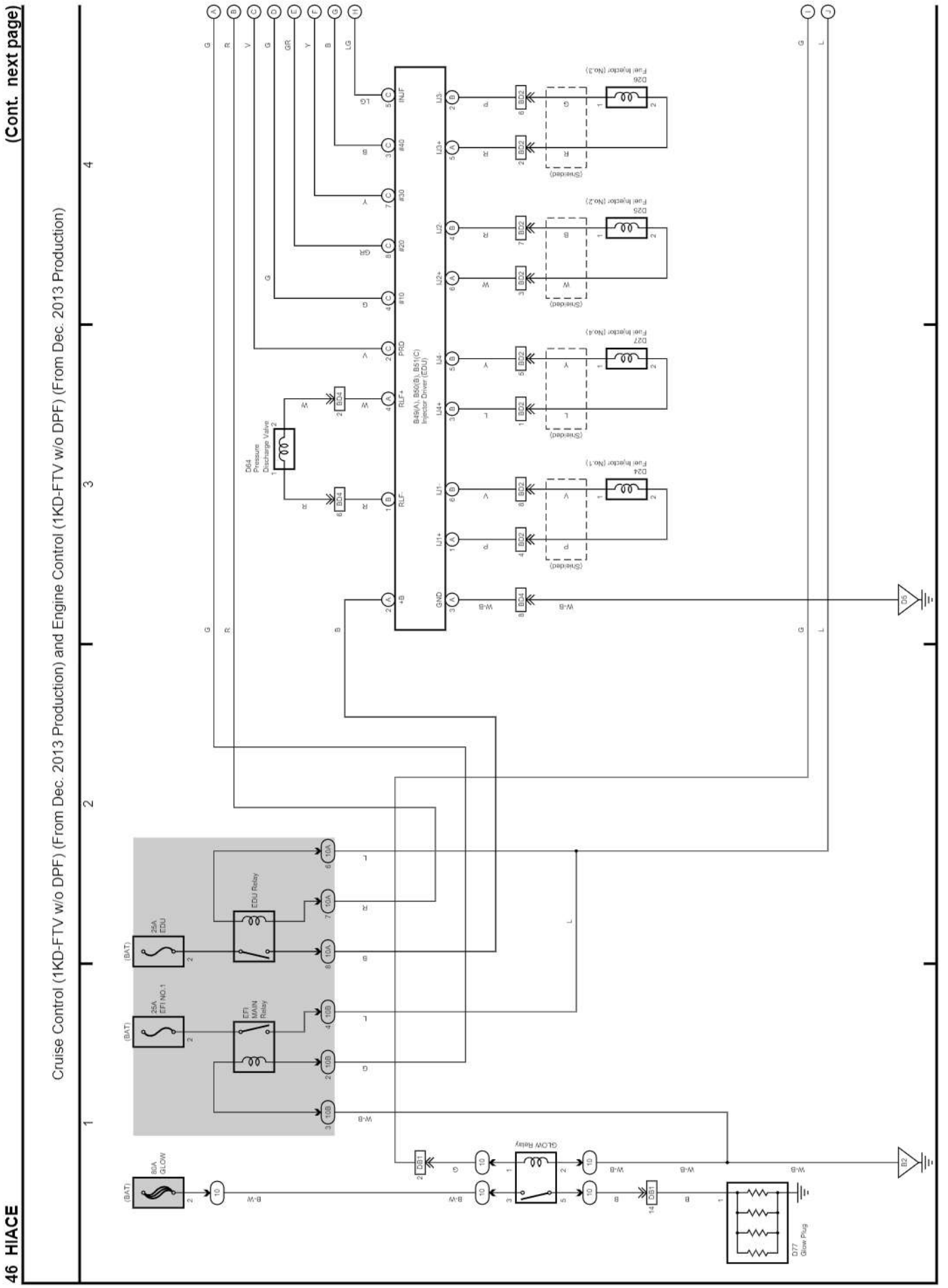
(Cont. next page)

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



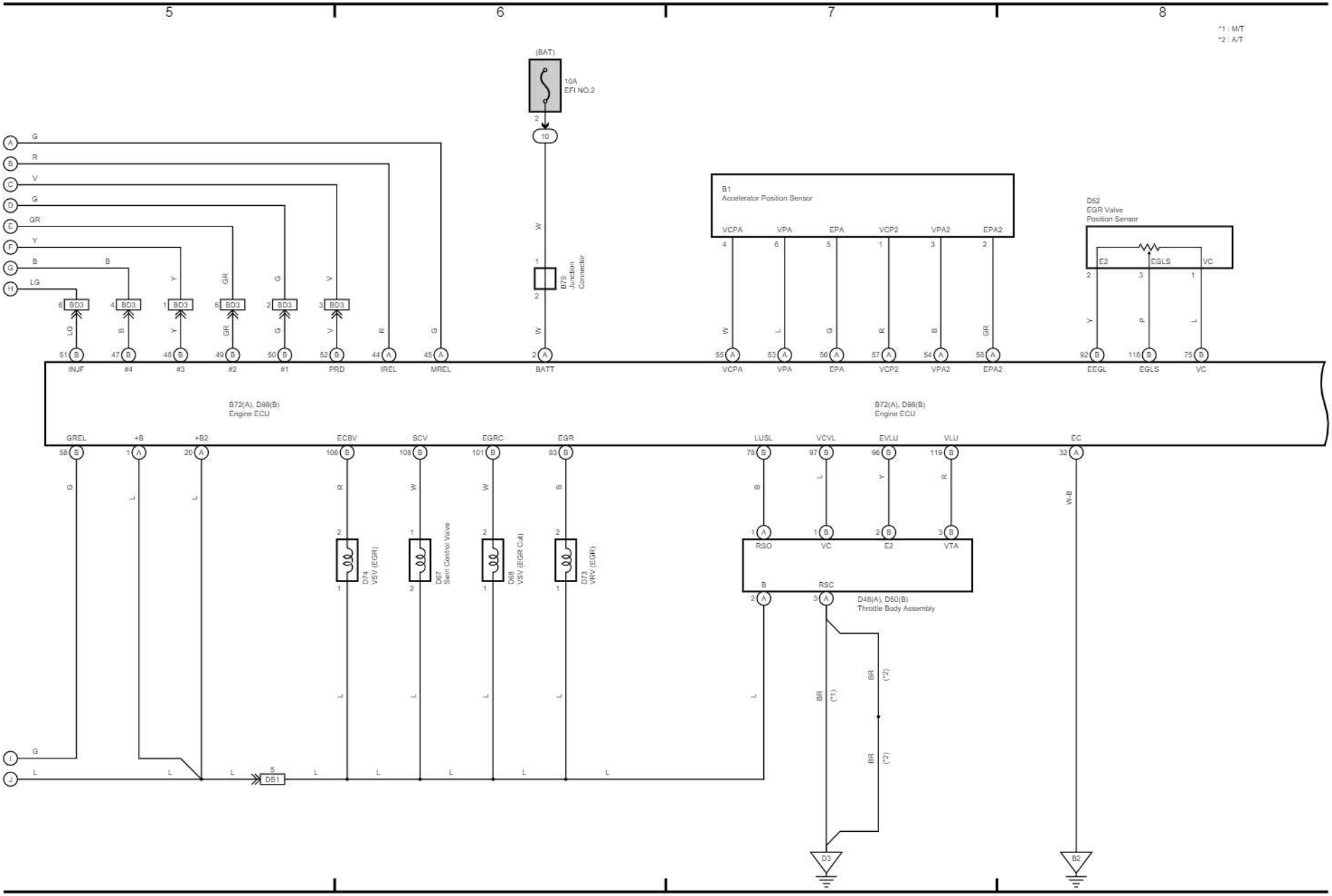

45 HIACE (Cont' d)
(Cont. next page)
Engine Control (2KD-FTV) (From Dec. 2013 Production)
9
10
11
12
*4 : w/ Engine Immobiliser System
B86(A), D105(B)
Engine ECU
Junction Connector
B79
Junction Connector
Stop Lamp SW
Stop lamp System <57-3>
STOP NO.2 Fuse <57-4>
ST Fuse (MT)
Park/Neutral Position SW (A/T) <42-3>
ST Fuse <42-3>
Cooling Fan Motor (No.1) <81-3>
Cooling Fan Motor (No.2) <81-4>
Combination Meter <80-11>
DLC3 <79-2><79-3>
Alternator <42-4>
Multiplex Communication System (CAN) <82-4>
10A IGN NO.2
15A IGN NO.1
D45(B) Fuel Pressure Sensor
D67 Suction Control Valve
B1 Accelerator Position Sensor
B2


45 HIACE (Cont' d)
Engine Immobiliser System (2KD-FTV) (From Dec. 2013 Production)
13
14
15
16
*4 : w/ Engine Immobiliser System
*5 : w/o Door Control Receiver w/ Engine Immobiliser System
*6 : w/ Door Control Receiver w/ Engine Immobiliser System
(BAT)
10A ECU-B
2
1I1
W
(*6)
W
(*5)
W
(*4)
17
1SE
3
1SD
H60
Transponder Key ECU
+B
IG
EFIO
EFII
ANT2
ANT1
GND
IND
KSW
CTY
D
1
2
13
12
15
4
5
8
3
7
9
H79
Transponder Key Coil
ANT2
ANT1
1
5
L
Y
W-B
R
Y
G
W
B
R
B
19
1B4
32
1B1
18
1B2
12
2C
11
2C
1
1SC
7
1SM
H1
Combination Meter
<83-10>
Unlock Warning SW
<74-Z>
Door Courtesy SW
(Front RH) <60-15><94-15>
DLC3
<79-1>
A
B
C
(*4)

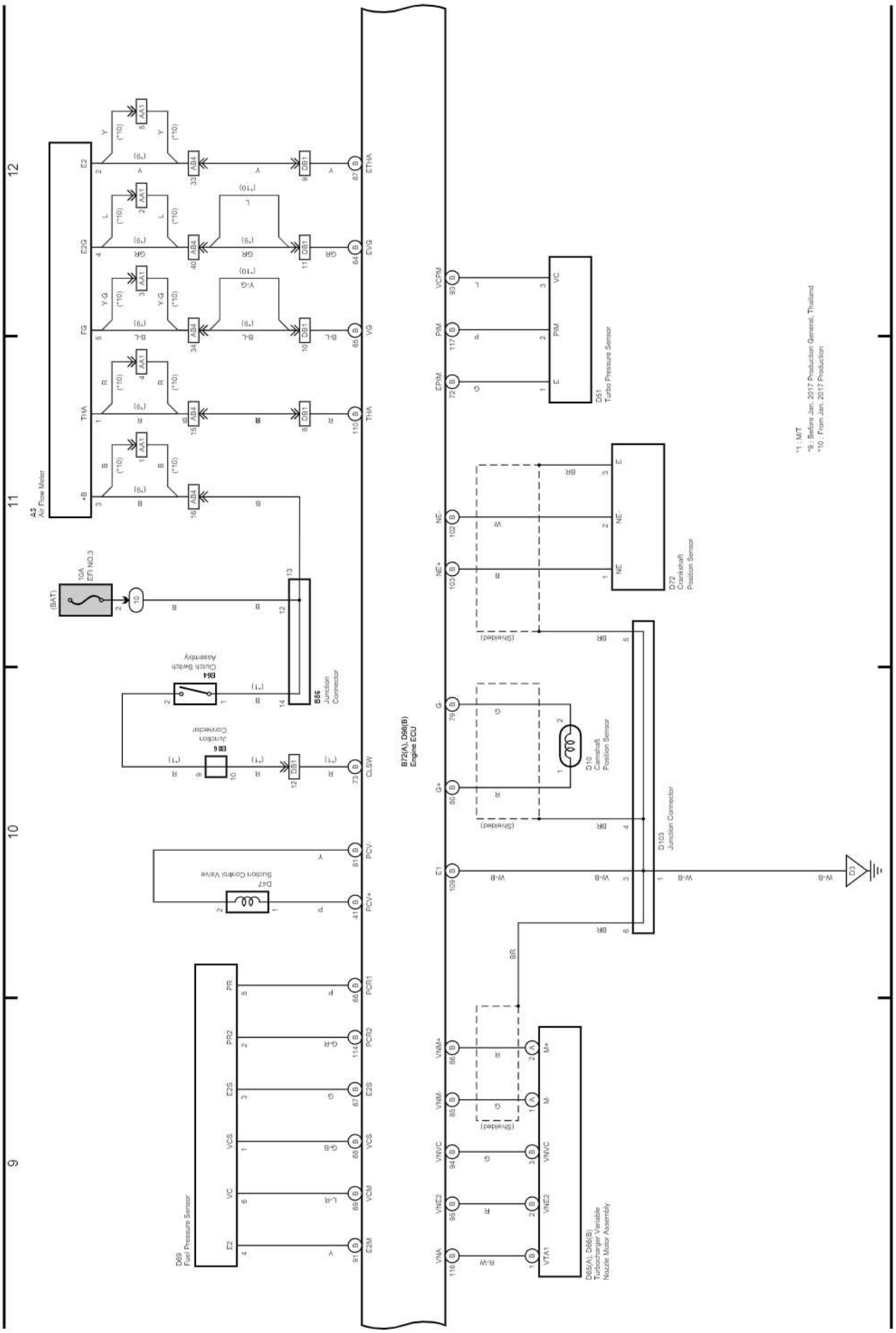

(Cont. next page)
Cruise Control (1KD-FTV w/o DPF) (From Dec. 2013 Production) and Engine Control (1KD-FTV w/o DPF) (From Dec. 2013 Production)
46 HIACE
B49(A), B50(B), B51(C)
Injector Driver (EDU)
D64
Pressure
Discharge Valve
D24
Fuel Injector (No.1)
D27
Fuel Injector (No.4)
D25
Fuel Injector (No.2)
D26
Fuel Injector (No.3)
(Shielded)
EDU Relay
EFI
MAIN
Relay
GLOW Relay
25A
EDU
25A
EFI NO.1
80A
GLOW
(BAT)
D77
Glow Plug
D5
B2

(Cont. next page)

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

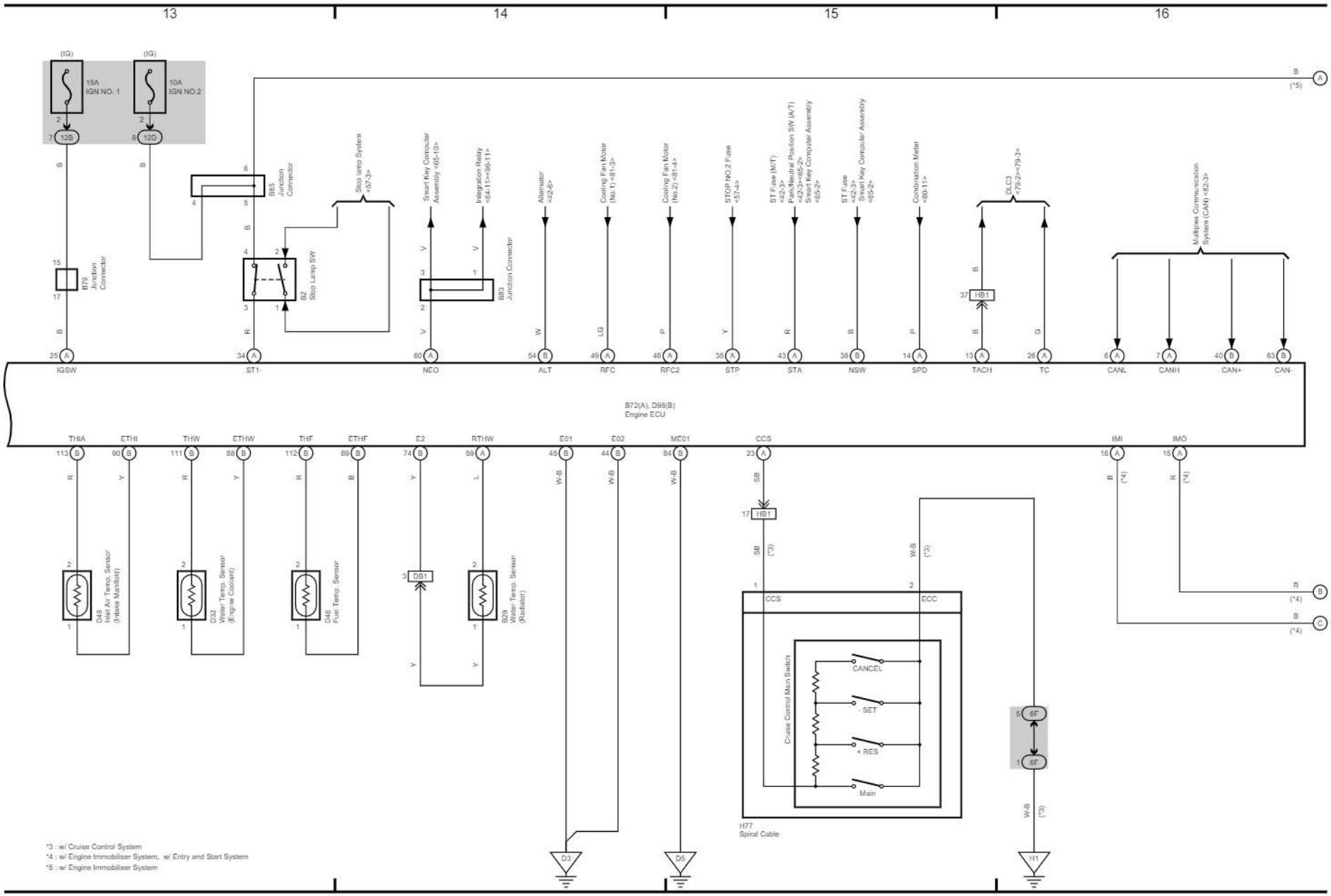


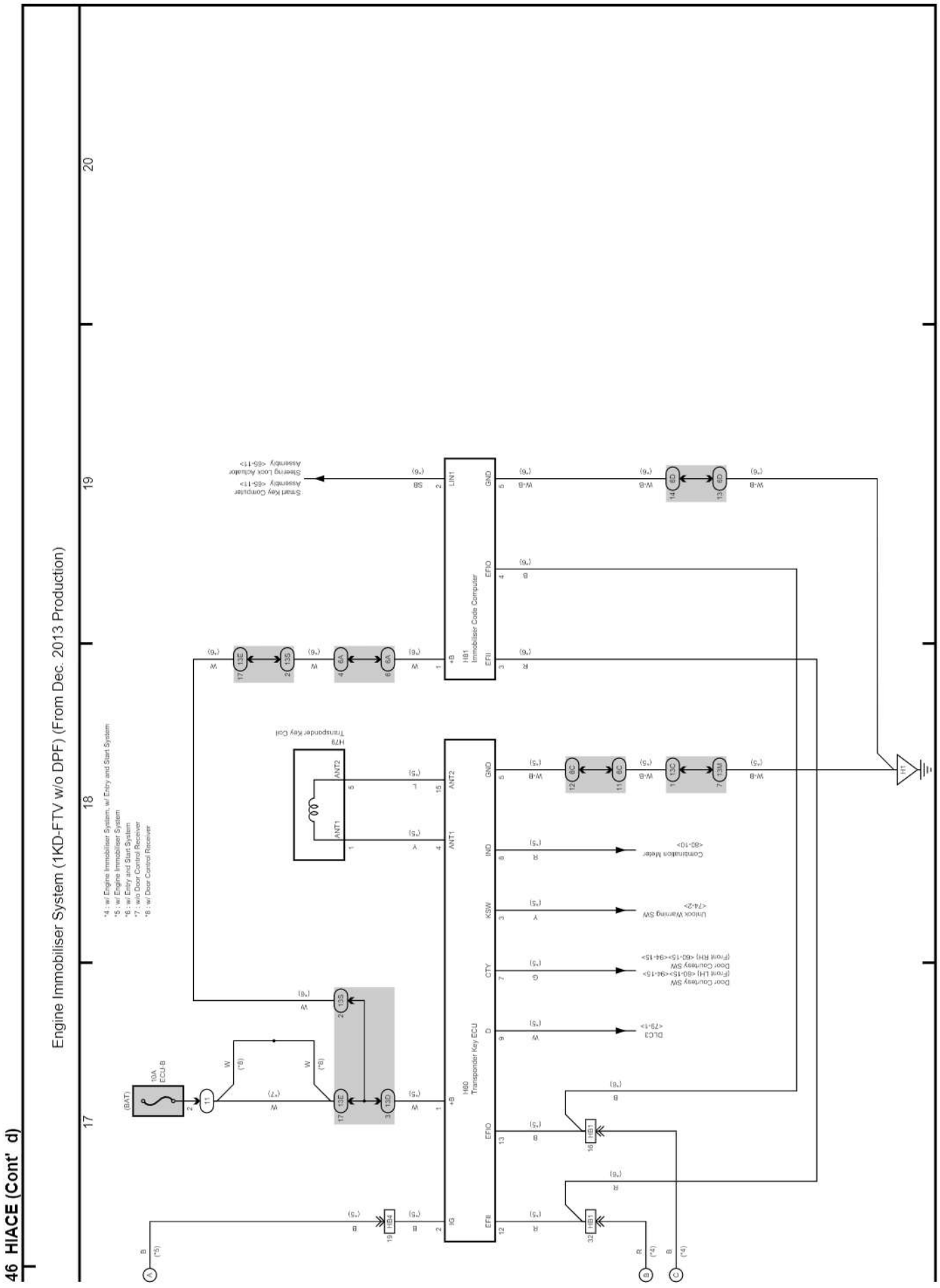
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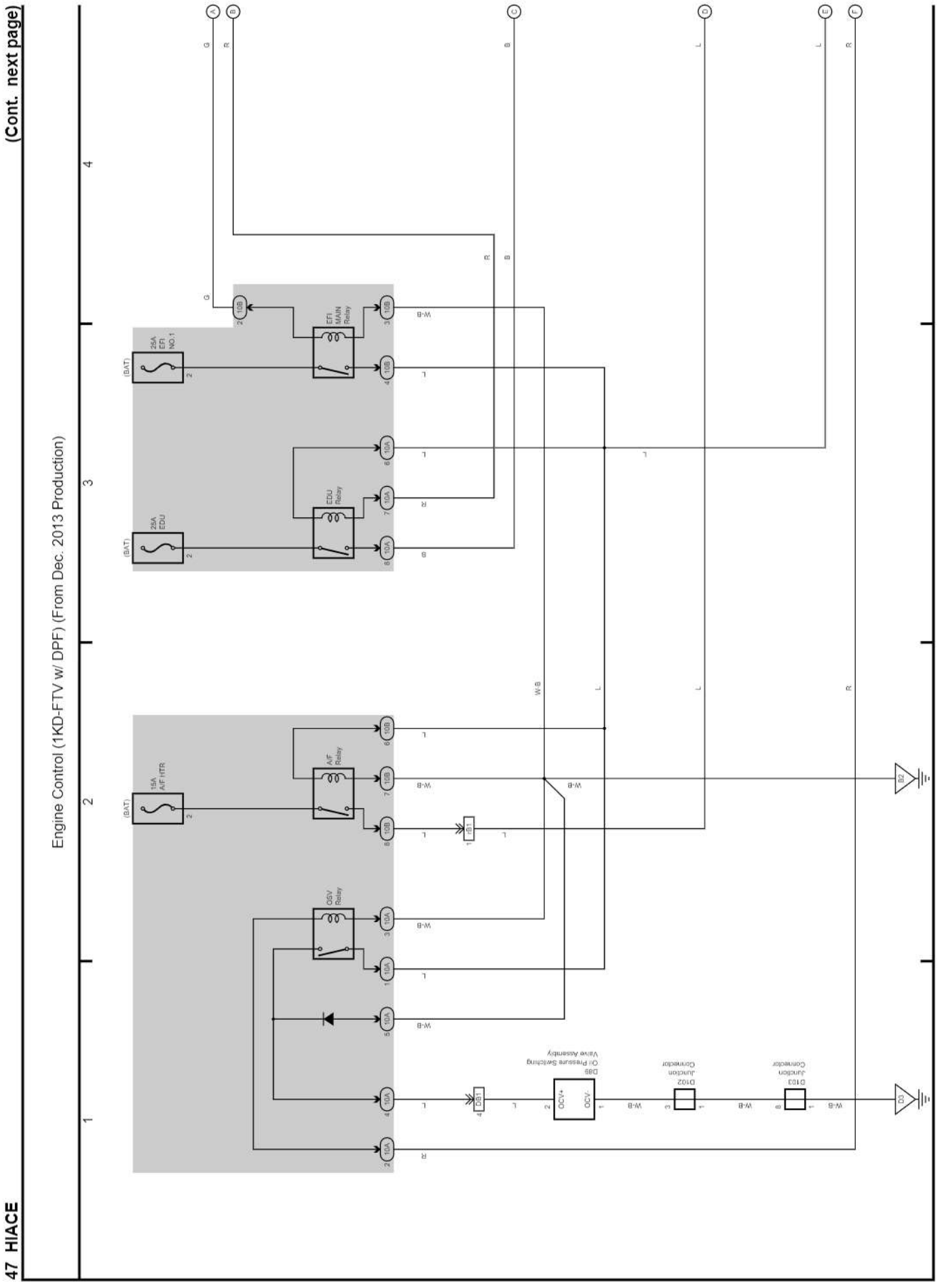


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Cruise Control (1KD-FTV w/o DPF) (From Dec. 2013 Production) and Engine Control (1KD-FTV w/o DPF) (From Dec. 2013 Production)

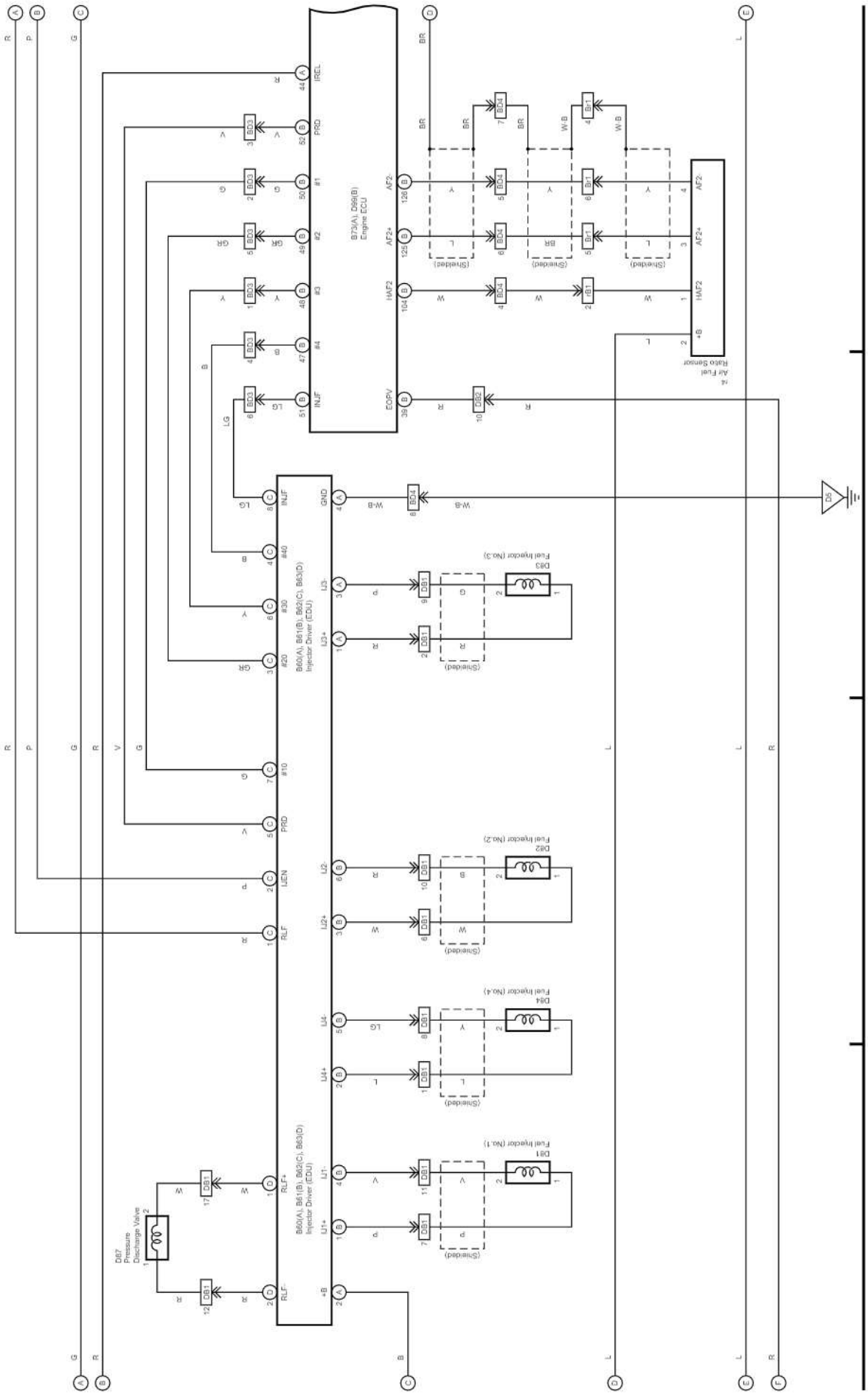


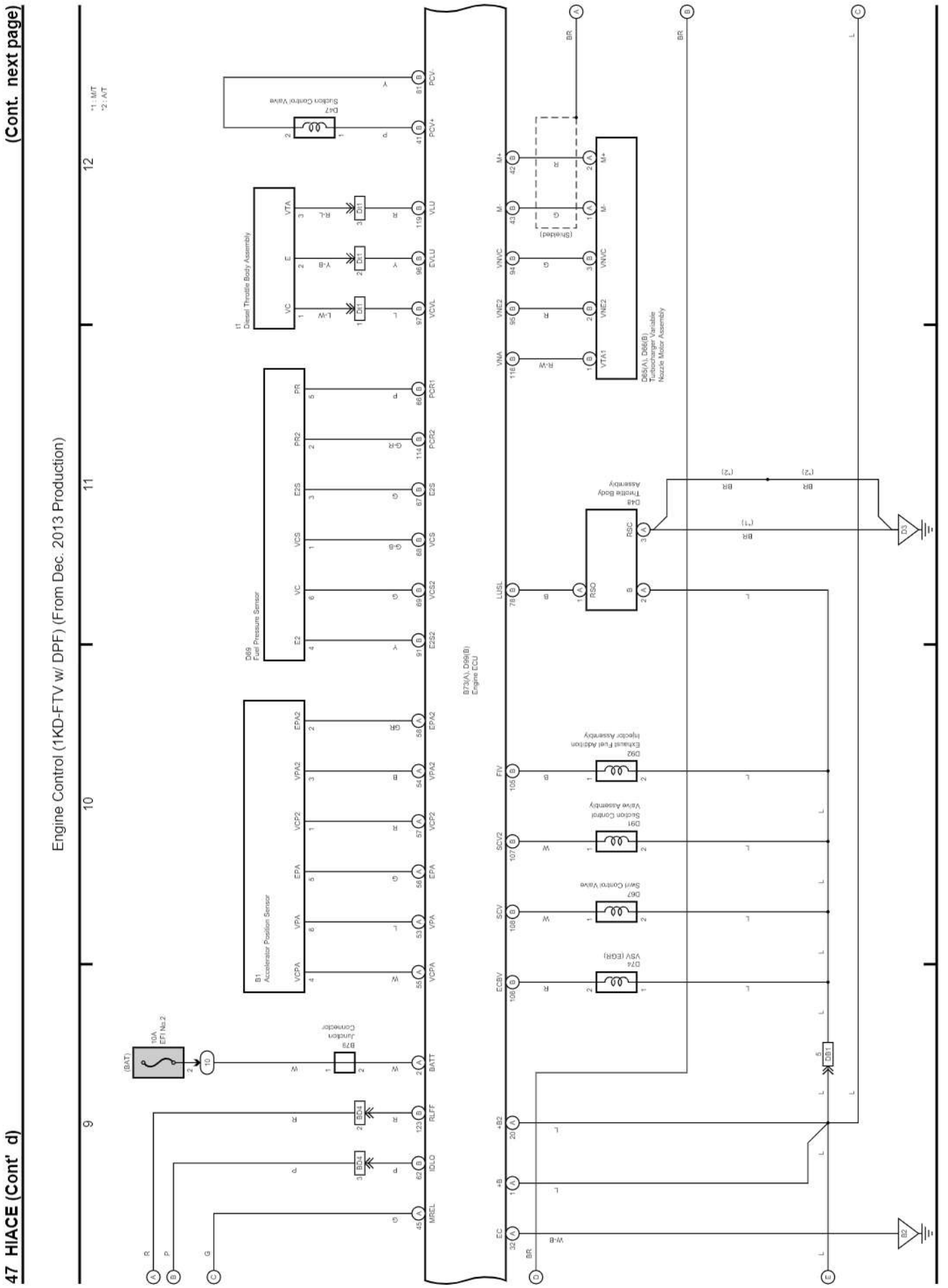

46 HIACE (Cont' d)
Engine Immobiliser System (1KD-FTV w/o DPF) (From Dec. 2013 Production)
17
18
19
20
*4 : w/ Engine Immobiliser System, w/ Entry and Start System
*5 : w/ Engine Immobiliser System
*6 : w/ Entry and Start System
*7 : w/o Door Control Receiver
*8 : w/ Door Control Receiver
Smart Key Computer Assembly <65-11>
Steering Lock Actuator Assembly <65-11>
H81 Immobiliser Code Computer
H60 Transponder Key ECU
H79 Transponder Key Coil
10A ECU-B
(BAT)
Combination Meter <80-10>
Unlock Warning SW <74-2>
Door Courtesy SW (Front LH) <60-15><94-15>
Door Courtesy SW (Front RH) <60-15><94-15>
DLC3 <79-1>
H1T


(Cont. next page)
Engine Control (1KD-FTV w/ DPF) (From Dec. 2013 Production)
47 HIACE
25A EFI NO.1
EFI MAIN Relay
25A EDU
EDU Relay
15A A/F HTR
A/F Relay
OSV Relay
DB9 Oil Pressure Switching Valve Assembly
D102 Junction Connector
D103 Junction Connector
OCV+
OCV-
(BAT)

47 HIACE (Cont' d)

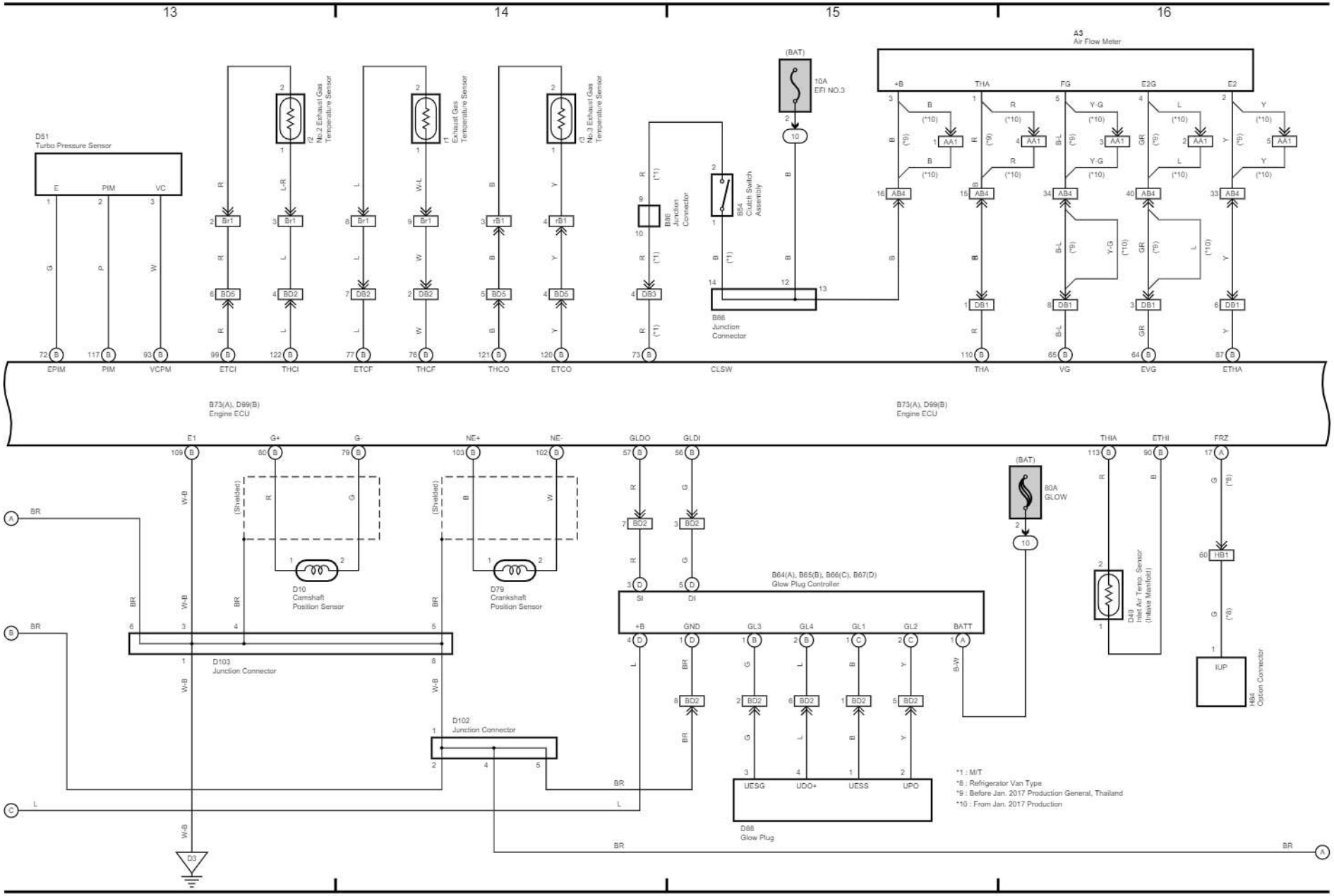
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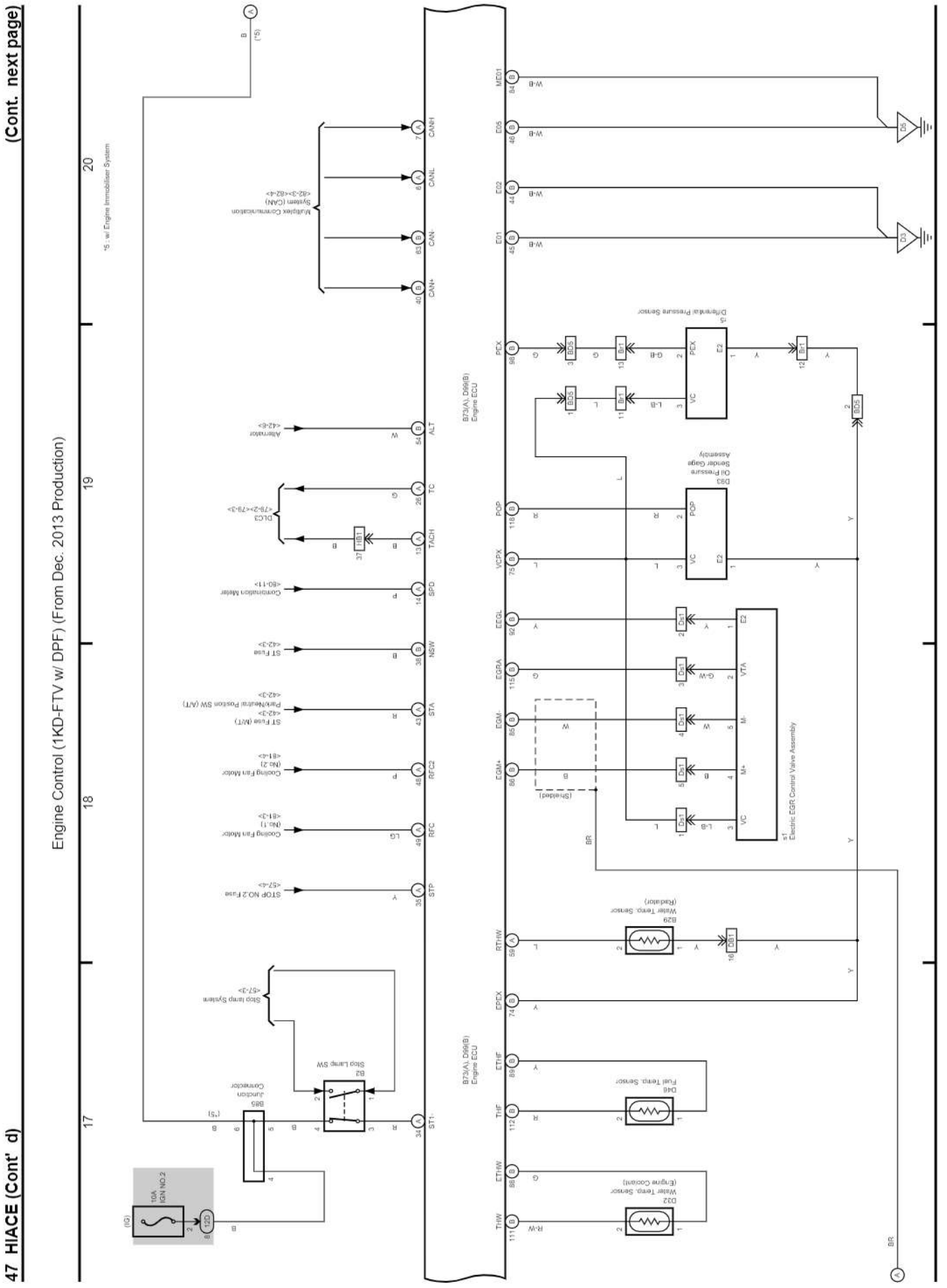



47 HIACE (Cont' d)
(Cont. next page)
Engine Control (1KD-FTV w/ DPF) (From Dec. 2013 Production)
*1 : M/T
*2 : A/T
9
10
11
12
B1
Accelerator Position Sensor
D69
Fuel Pressure Sensor
t1
Diesel Throttle Body Assembly
D47
Suction Control Valve
B73(A), D99(B)
Engine ECU
D65(A), D66(B)
Turbocharger Variable
Nozzle Motor Assembly
D48
Throttle Body
Assembly
D92
Exhaust Fuel Addition
Injector Assembly
D91
Suction Control
Valve Assembly
D67
Swirl Control Valve
D74
VSV (EGR)
B79
Junction
Connector
10A
EFI No.2
(BAT)
(Shielded)
BR
W-B
L
R
P
G
D3
B2
CB1

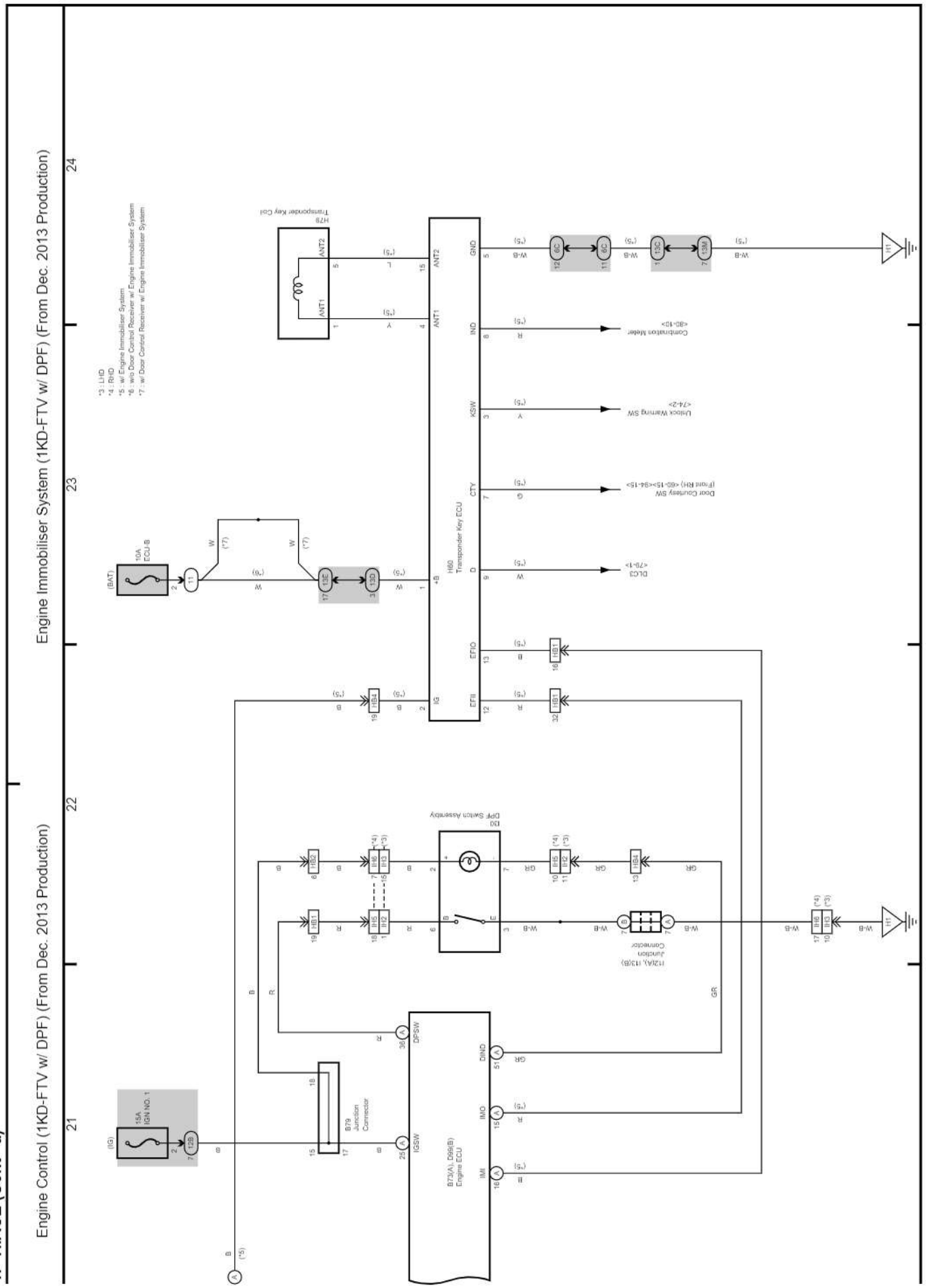
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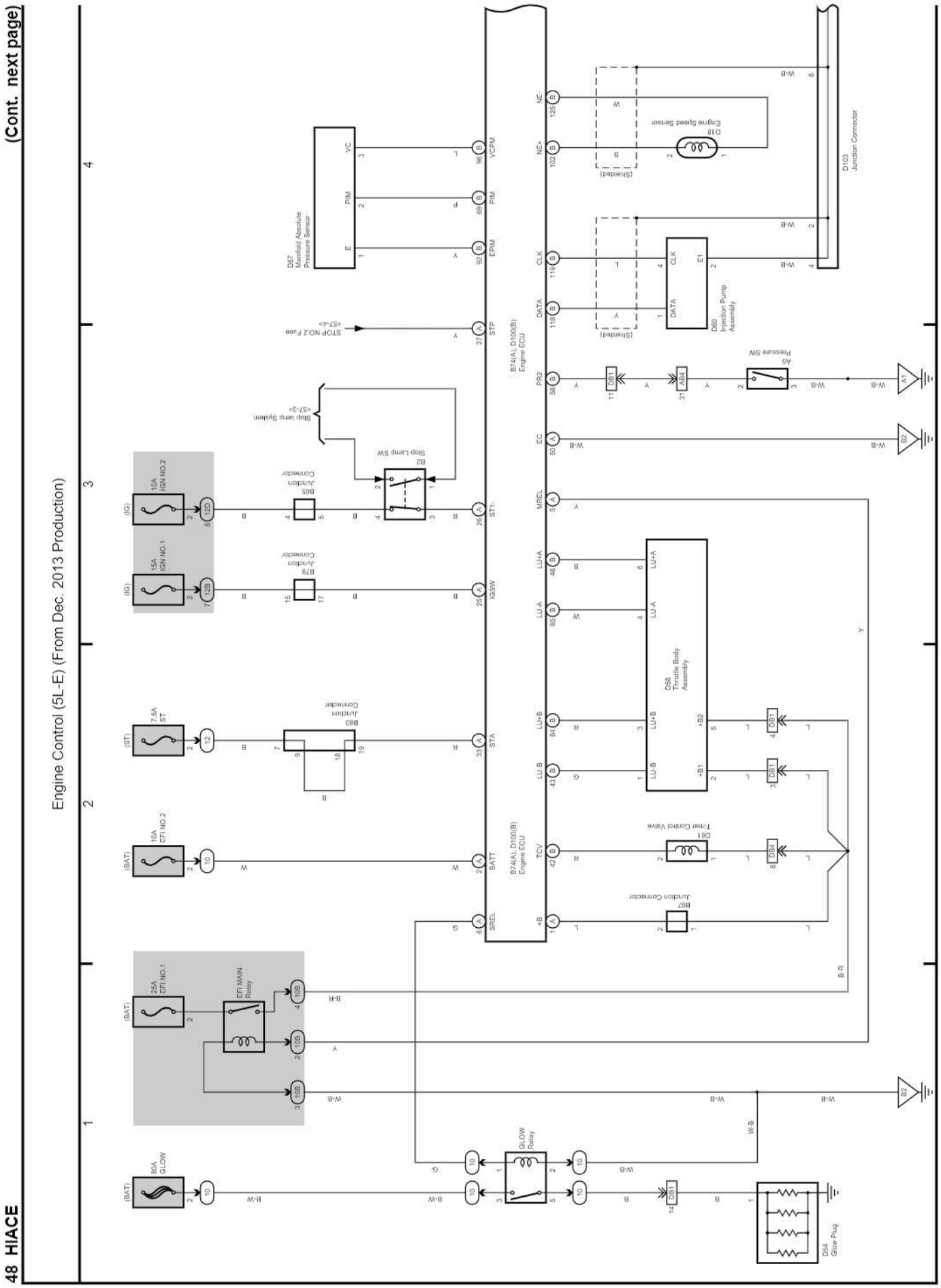
Engine Control (1KD-FTV w/ DPF) (From Dec. 2013 Production)



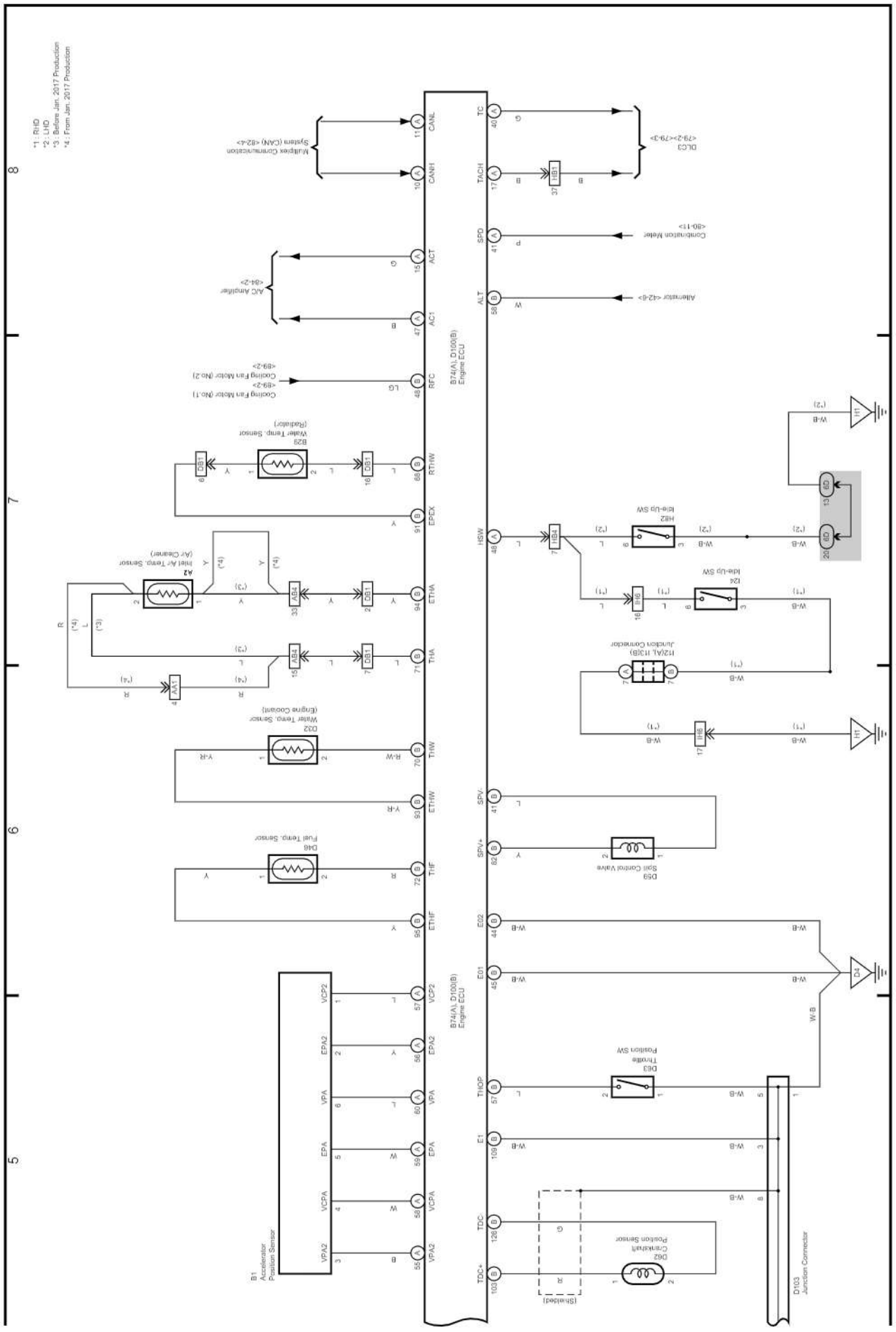

47 HIACE (Cont' d)
(Cont. next page)
Engine Control (1KD-FTV w/ DPF) (From Dec. 2013 Production)
17
18
19
20
*5 : w/ Engine Immobiliser System
Multiplex Communication System (CAN) <82-3><82-4>
Alternator <42-6>
DLC3 <79-2><79-3>
Combination Meter <80-11>
ST Fuse <42-3>
Park/Neutral Position SW (A/T) <42-3>
ST Fuse (M/T) <42-3>
Cooling Fan Motor (No.2) <81-4>
Cooling Fan Motor (No.1) <81-3>
STOP NO.2 Fuse <57-4>
Stop lamp System <57-3>
Stop Lamp SW
B2
Junction Connector
B85
10A IGN NO.2
12D
B73(A), D68(B) Engine ECU
Differential Pressure Sensor
Oil Pressure Sender Gage Assembly
D83
Electric EGR Control Valve Assembly
E1
Water Temp. Sensor (Radiator)
B29
Fuel Temp. Sensor
D46
Water Temp. Sensor (Engine Coolant)
D32
CAN1
CAN2
CAN-
CAN+
ALT
TC
TACH
SPD
NSW
STA
RFC2
RFC
STP
PCX
POP
VCPX
EEGL
EGRA
EGM-
EGM+
RTHW
EPCX
ETHF
THF
ETHW
THW
ME01
E05
E02
E01
D5
D3
(Shielded)

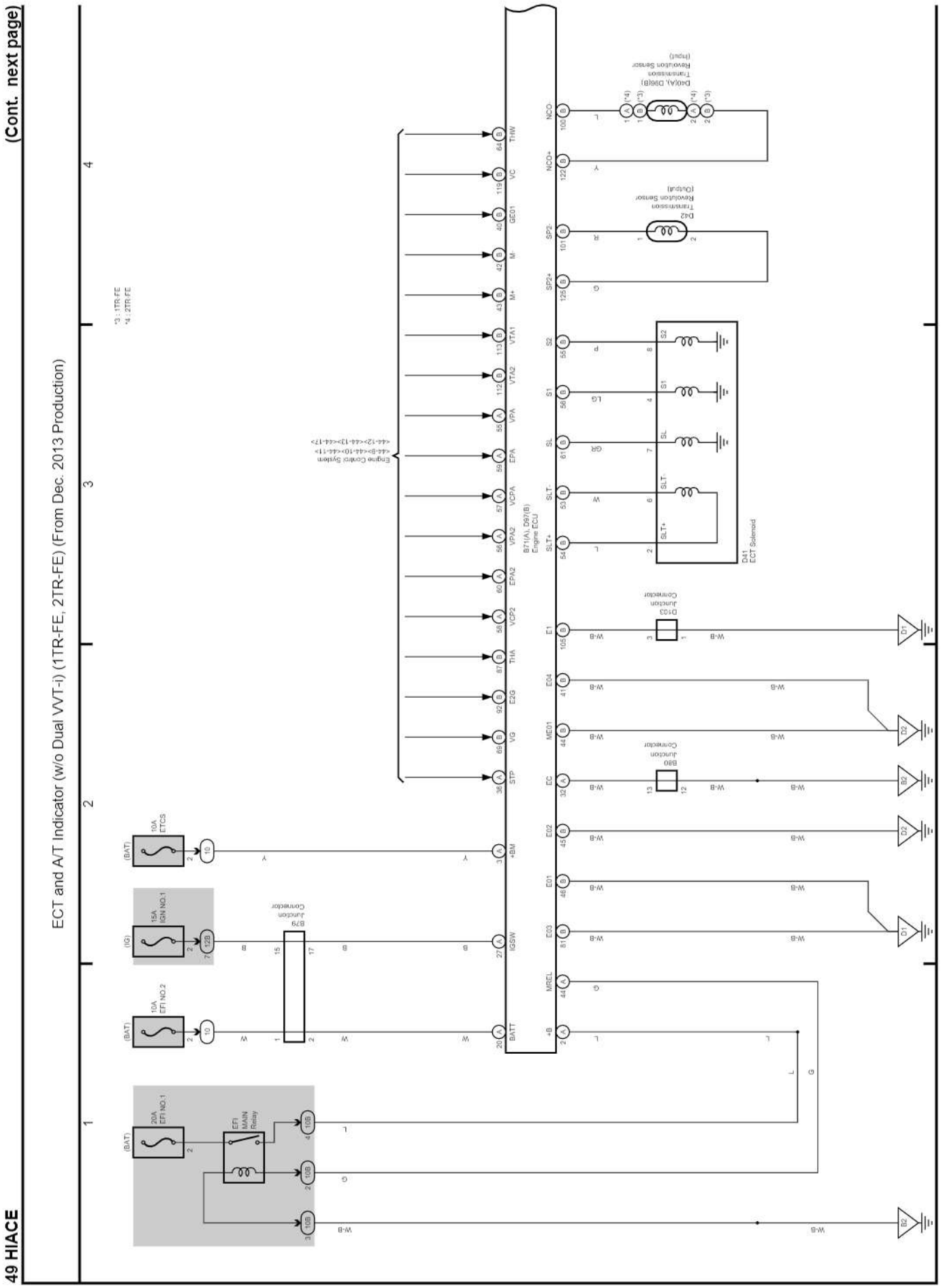
47 HIACE (Cont' d)

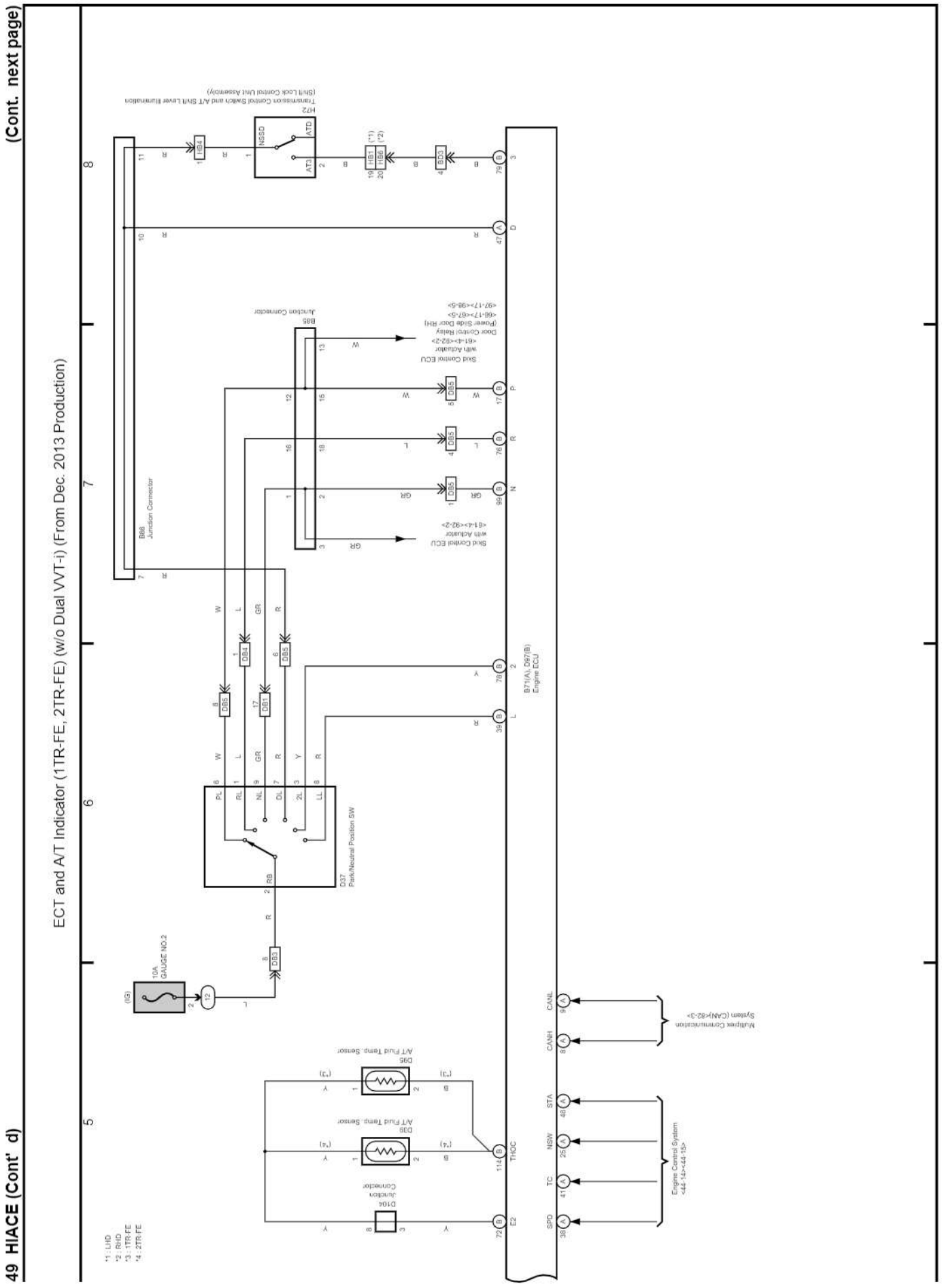


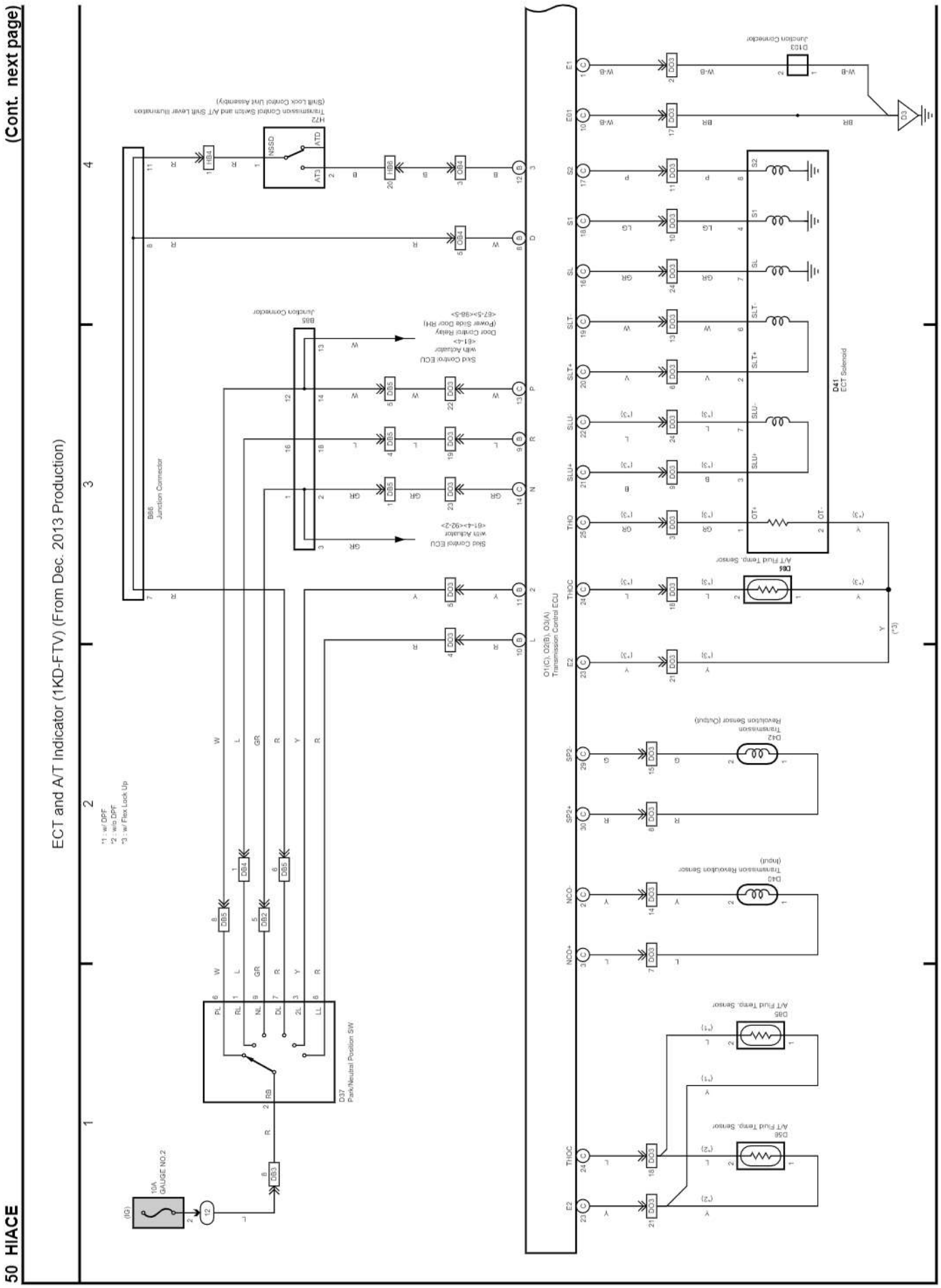

(Cont. next page)
Engine Control (5L-E) (From Dec. 2013 Production)
48 HIACE
1
2
3
4
B74(A), D100(B)
Engine ECU
D57
Manifold Absolute
Pressure Sensor
D18
Engine Speed Sensor
D103
Junction Connector
D60
Injection Pump
Assembly
A5
Pressure SW
Stop lamp System
<57-3>
STOP NO.2 Fuse
<57-4>
B2
Stop Lamp SW
B25
Junction
Connector
B29
Junction
Connector
B23
Junction
Connector
B87
Junction Connector
D68
Throttle Body
Assembly
D61
Timer Control Valve
D54
Glow Plug
10A
IGN NO.2
15A
IGN NO.1
7.5A
ST
10A
EFI NO.2
25A
EFI NO.1
80A
GLOW
EFI MAIN
Relay
GLOW
Relay
(IG)
(ST)
(BAT)
VCPM
PIM
EPIM
STP
IGSW
STA
BATT
TCV
SREL
MREL
NE+
NE-
CLK
DATA
PR2
EC
LU+A
LU-A
LU+B
LU-B
+B2
+B1
+B
(Shielded)
B-R
B-W
W-B
G
Y
L
R
B

48 HIACE (Cont' d)



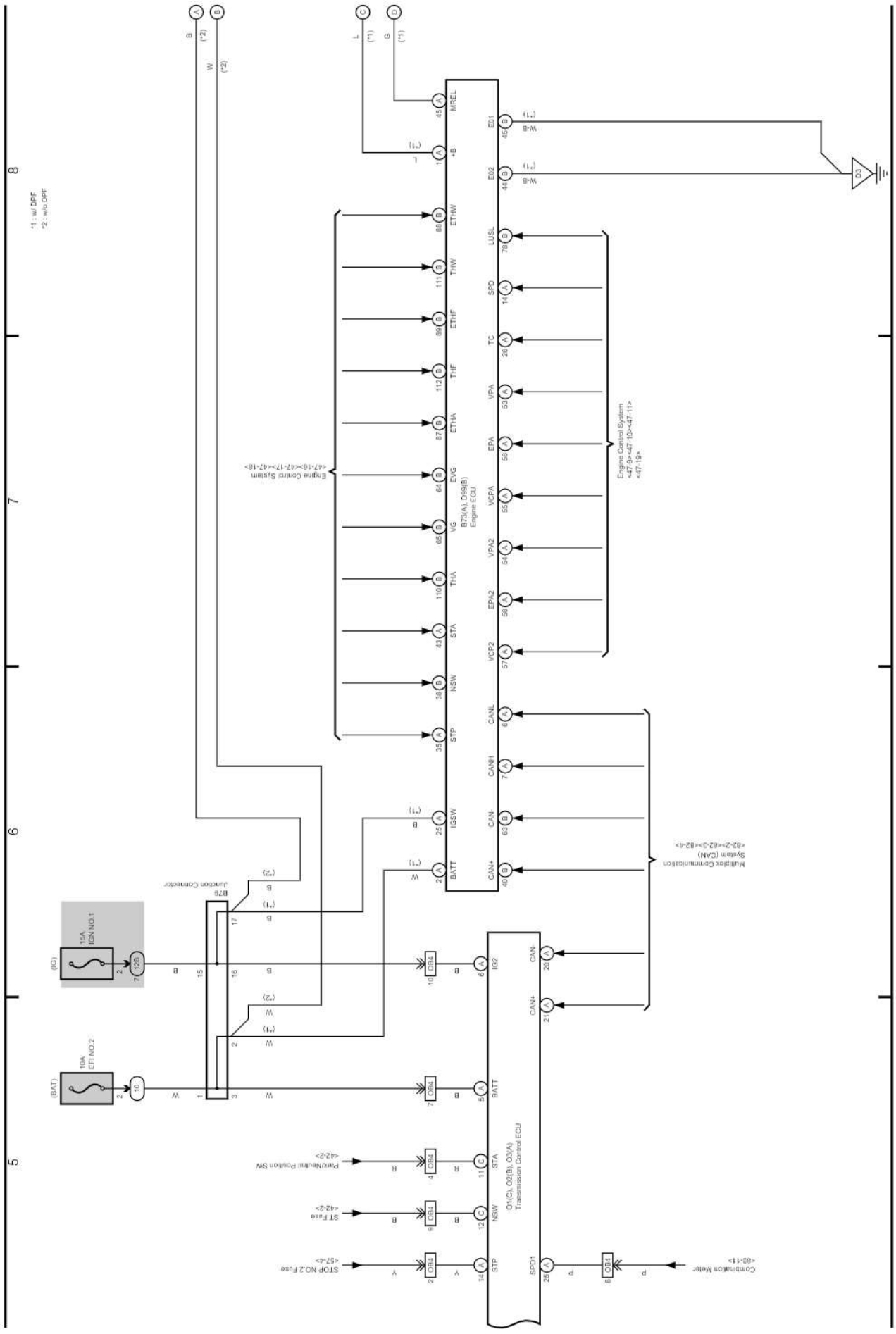

(Cont. next page)
ECT and A/T Indicator (w/o Dual VVT-i) (1TR-FE, 2TR-FE) (From Dec. 2013 Production)
*3 : 1TR-FE
*4 : 2TR-FE
Engine Control System
<44-9><44-10><44-11>
<44-12><44-13><44-17>
B71(A), D97(B)
Engine ECU
D40(A), D96(B)
Transmission
Revolution Sensor
(Input)
D42
Transmission
Revolution Sensor
(Output)
D41
ECT Solenoid
D103
Junction
Connector
B80
Junction
Connector
B79
Junction
Connector
10A
ETCS
15A
IGN NO.1
10A
EFI NO.2
20A
EFI NO.1
EFI
MAIN
Relay
(BAT)
(IG)
THW
VC
GE01
M-
M+
VTA1
VTA2
VPA
EPA
VCPA
VPA2
EPA2
VCP2
THA
E2G
VG
STP
+BM
IGSW
BATT
+B
MREL
NCO-
NCO+
SP2-
SP2+
S2
S1
SL
SLT-
SLT+
E1
E04
MD01
E0
E02
E01
E03
B1
B2
D1
D2
W-B
L
G
Y
P
LG
GR
W
R
B
BR

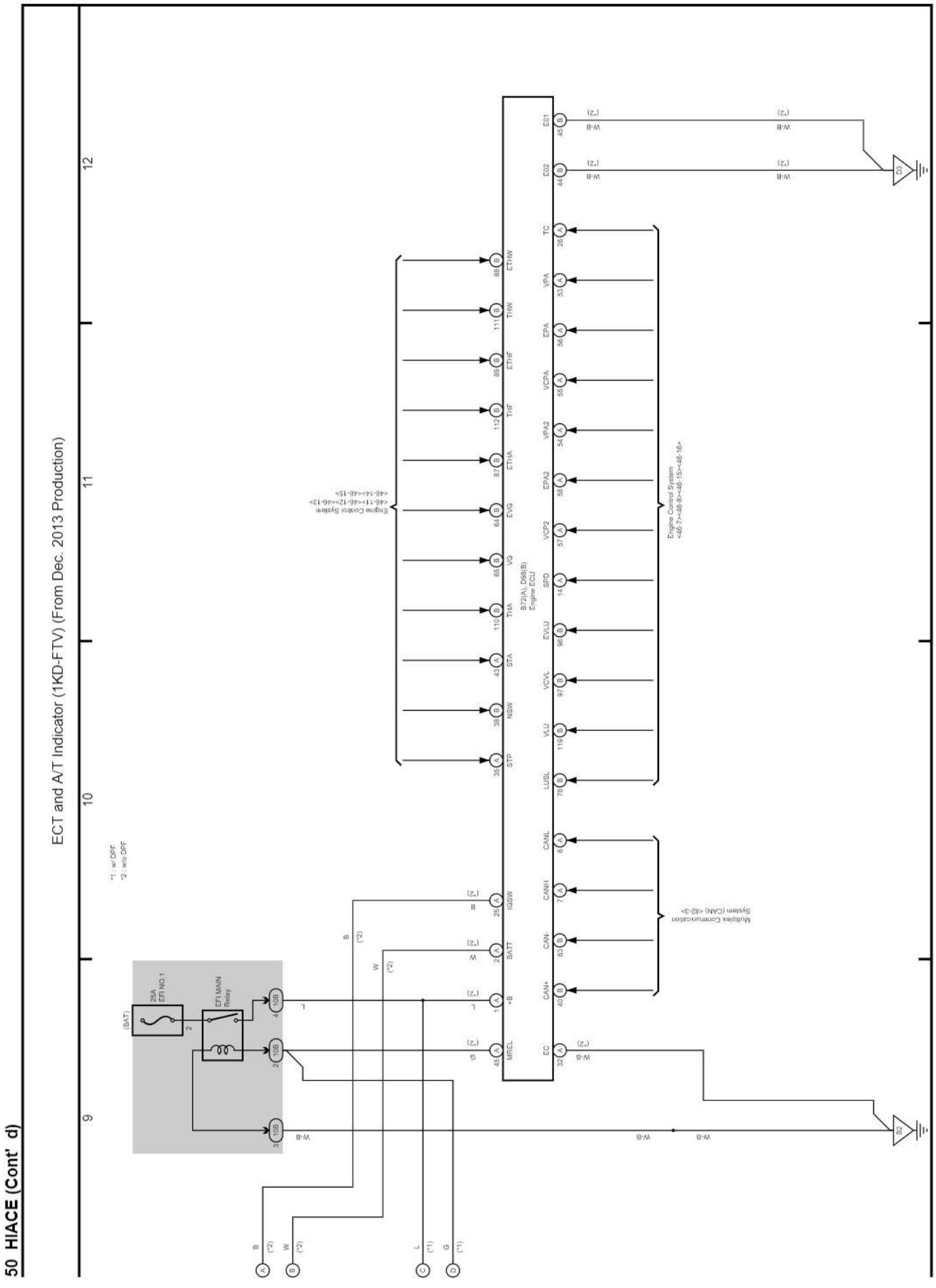

49 HIACE (Cont' d)
(Cont. next page)
ECT and A/T Indicator (1TR-FE, 2TR-FE) (w/o Dual VVT-i) (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*3 : 1TR-FE
*4 : 2TR-FE
Transmission Control Switch and A/T Shift Lever Illumination (Shift Lock Control Unit Assembly)
H72
NSSD
ATD
AT3
H64
H68
H69
B83
B86
Junction Connector
Skid Control ECU with Actuator
Door Control Relay (Power Slide Door RH)
D85
D84
D86
D81
D87
Park/Neutral Position SW
10A GAUGE NO.2
(IG)
B71(A), D67(B) Engine ECU
D95
A/T Fluid Temp. Sensor
D39
D104
Junction Connector
THOC
E2
SPD
TC
NSW
STA
CANH
CANL
Engine Control System
Multiplex Communication System (CAN)

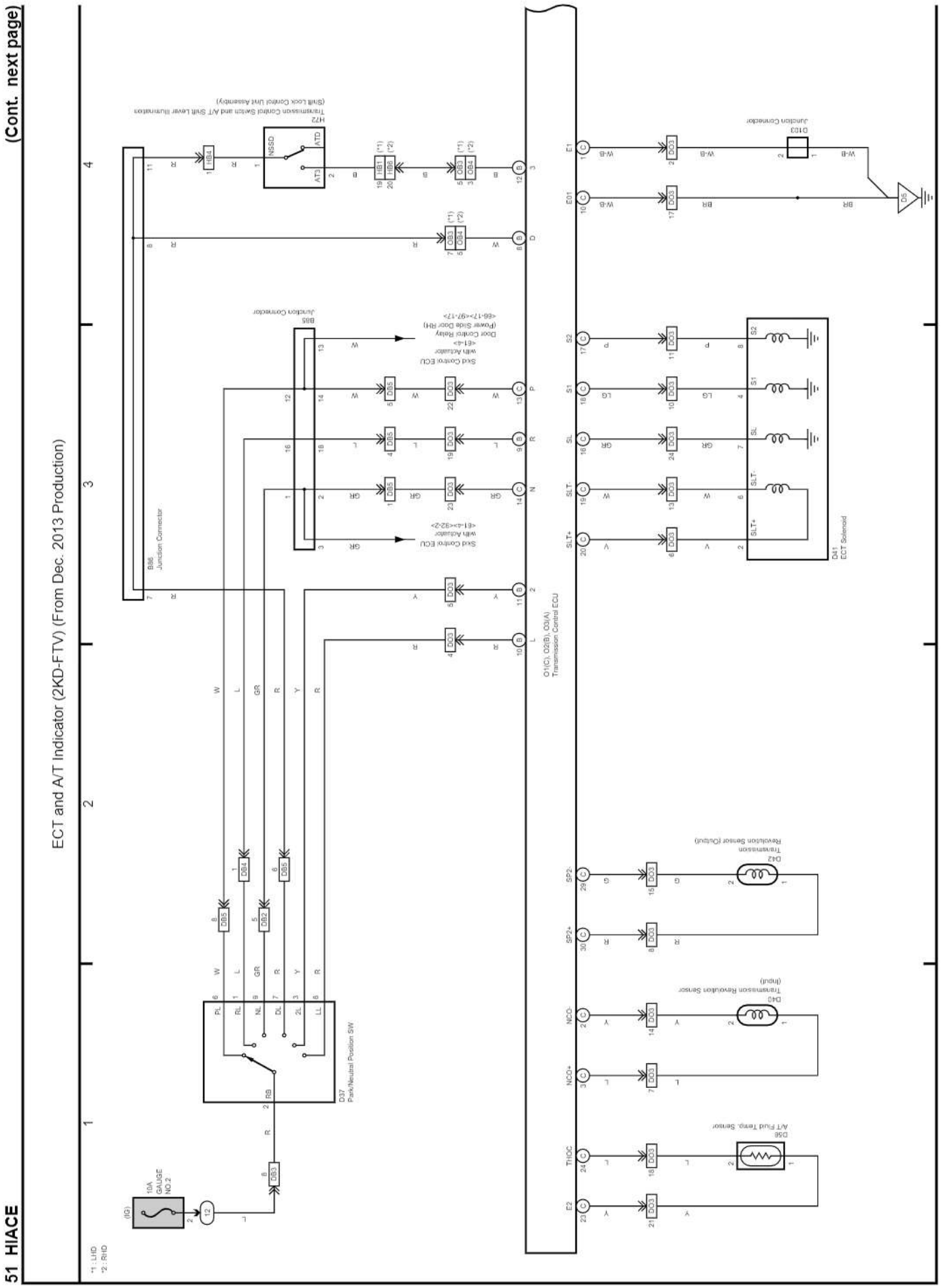

(Cont. next page)
ECT and A/T Indicator (1KD-FTV) (From Dec. 2013 Production)
*1 : w/ DPF
*2 : w/o DPF
*3 : w/ Flex Lock Up
Transmission Control Shift Lever Illumination
(Shift Lock Control Unit Assembly)
H72
Junction Connector
B85
Junction Connector
B86
Junction Connector
Skid Control ECU
with Actuator
Door Control Relay
(Power Slide Door RH)
Skid Control ECU
with Actuator
O1(C), O2(B), O3(A)
Transmission Control ECU
D153
D3
D41
ECT Solenoid
D65
A/T Fluid Temp. Sensor
D42
Transmission
Revolution Sensor (Output)
D40
Transmission Revolution Sensor
(Input)
D85
A/T Fluid Temp. Sensor
D56
A/T Fluid Temp. Sensor
D37
Park/Neutral Position SW
10A
GAUGE NO.2
(IG)

50 HIACE (Cont' d)

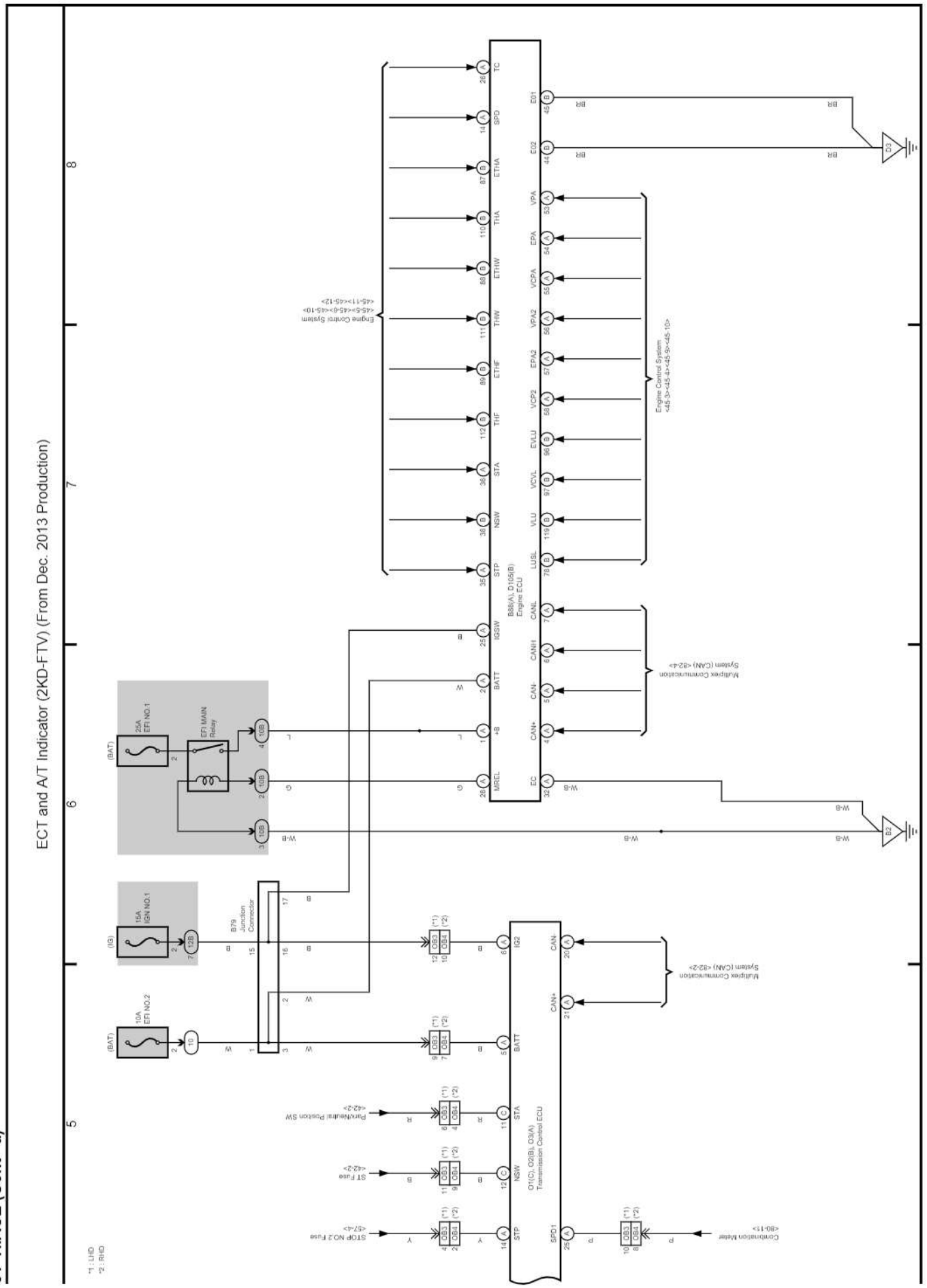
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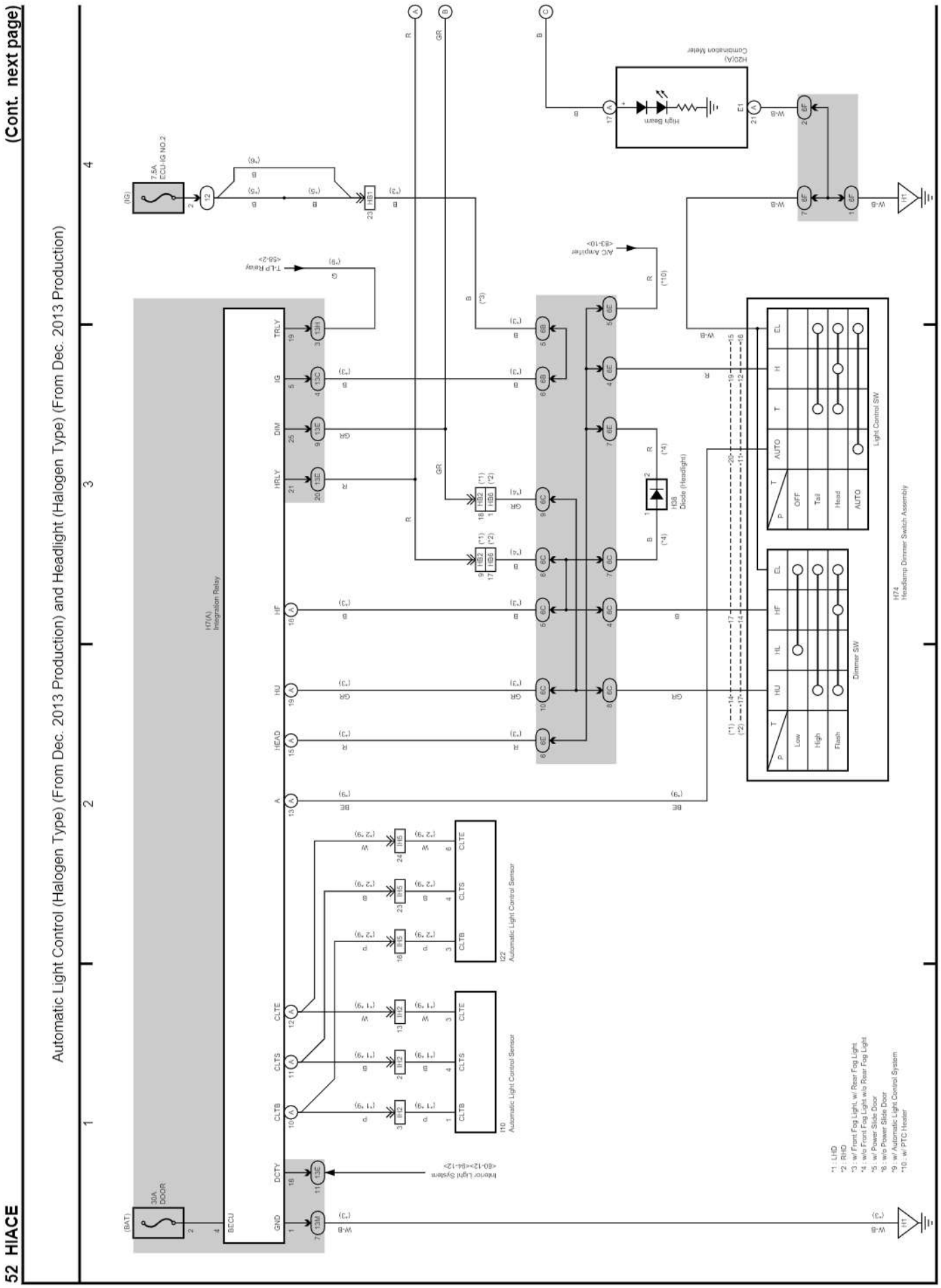



50 HIACE (Cont' d)
ECT and A/T Indicator (1KD-FTV) (From Dec. 2013 Production)
*1 : w/ DPF
*2 : w/o DPF
(BAT)
25A EFI NO.1
EFI MAIN Relay
B72(A), D68(B) Engine ECU
Engine Control System <46-11><46-12><46-13><46-14><46-15>
Engine Control System <46-7><46-8><46-15><46-16>
Multiplex Communication System (CAN) <82-3>
B2
D3

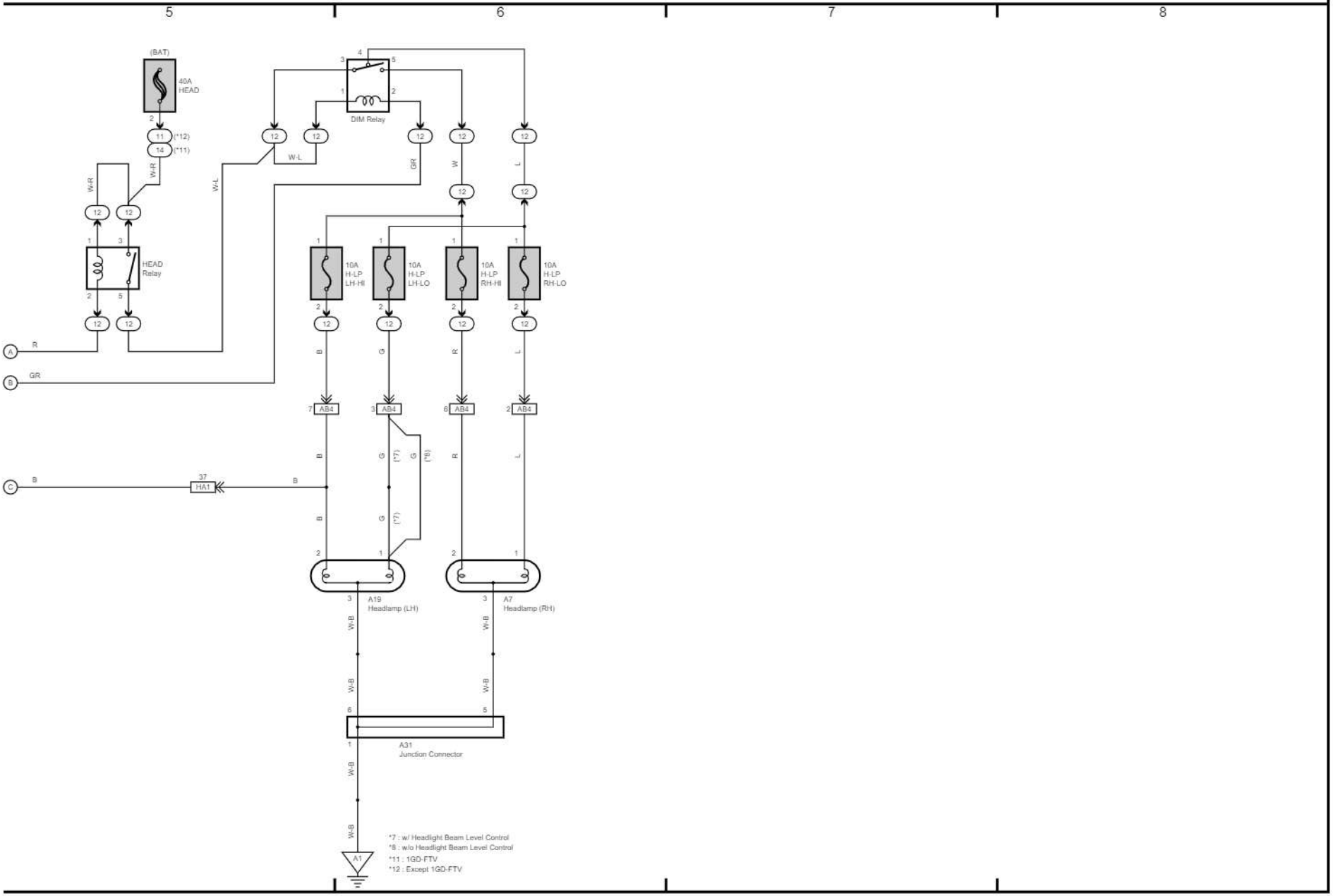

(Cont. next page)
ECT and A/T Indicator (2KD-FTV) (From Dec. 2013 Production)
51 HIACE
*1 : LHD
*2 : RHD
Transmission Control Switch and A/T Shift Lever Illumination (Shift Lock Control Unit Assembly)
Junction Connector
Skid Control ECU with Actuator
Door Control Relay (Power Side Door RH)
Junction Connector
O1(C), O2(B), O3(A) Transmission Control ECU
ECT Solenoid
Transmission Revolution Sensor (Output)
Transmission Revolution Sensor (Input)
A/T Fluid Temp. Sensor
Park/Neutral Position SW
10A GAUGE NO.2

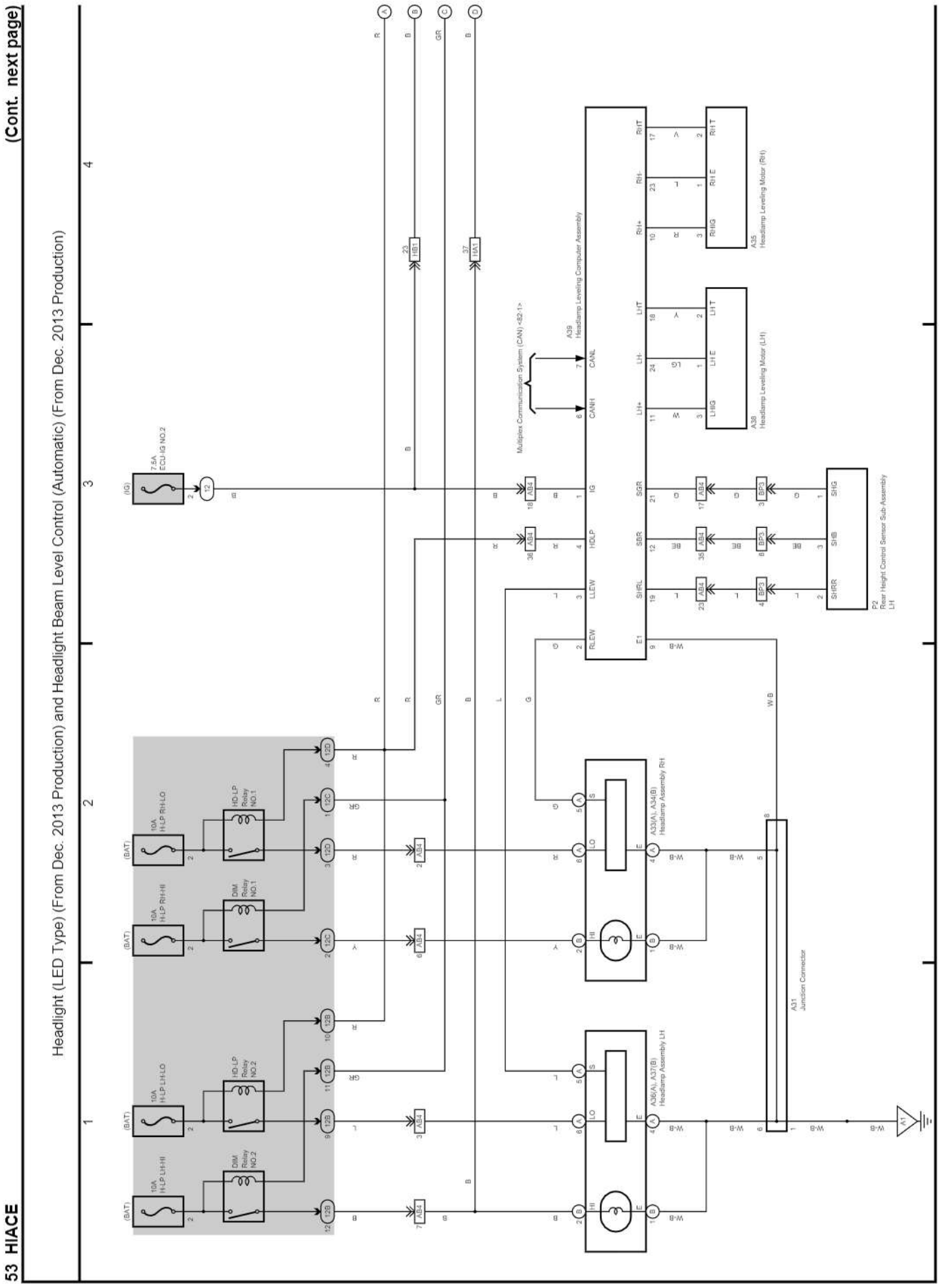
51 HIACE (Cont' d)




(Cont. next page)
Automatic Light Control (Halogen Type) (From Dec. 2013 Production) and Headlight (Halogen Type) (From Dec. 2013 Production)
52 HIACE
(IG)
7.5A
ECU-IG NO.2
(BAT)
30A
DOOR
H7(A)
Integration Relay
BECU
TRLY
IG
DIM
HRLY
HF
HU
HEAD
A
CLTE
CLTS
CLTB
DCTY
GND
T-LP Relay
<58-2>
A/C Amplifier
<83-10>
Interior Light System
<60-12><64-12>
H20(A)
Combination Meter
High Beam
H74
Headlamp Dimmer Switch Assembly
Light Control SW
OFF
Tail
Head
AUTO
Dimmer SW
Low
High
Flash
H26
Diode (Headlight)
I22
Automatic Light Control Sensor
I10
Automatic Light Control Sensor
*1 : LHD
*2 : RHD
*3 : w/ Front Fog Light, w/ Rear Fog Light
*4 : w/o Front Fog Light w/o Rear Fog Light
*5 : w/ Power Slide Door
*6 : w/o Power Slide Door
*9 : w/ Automatic Light Control System
*10 : w/ PTC Heater

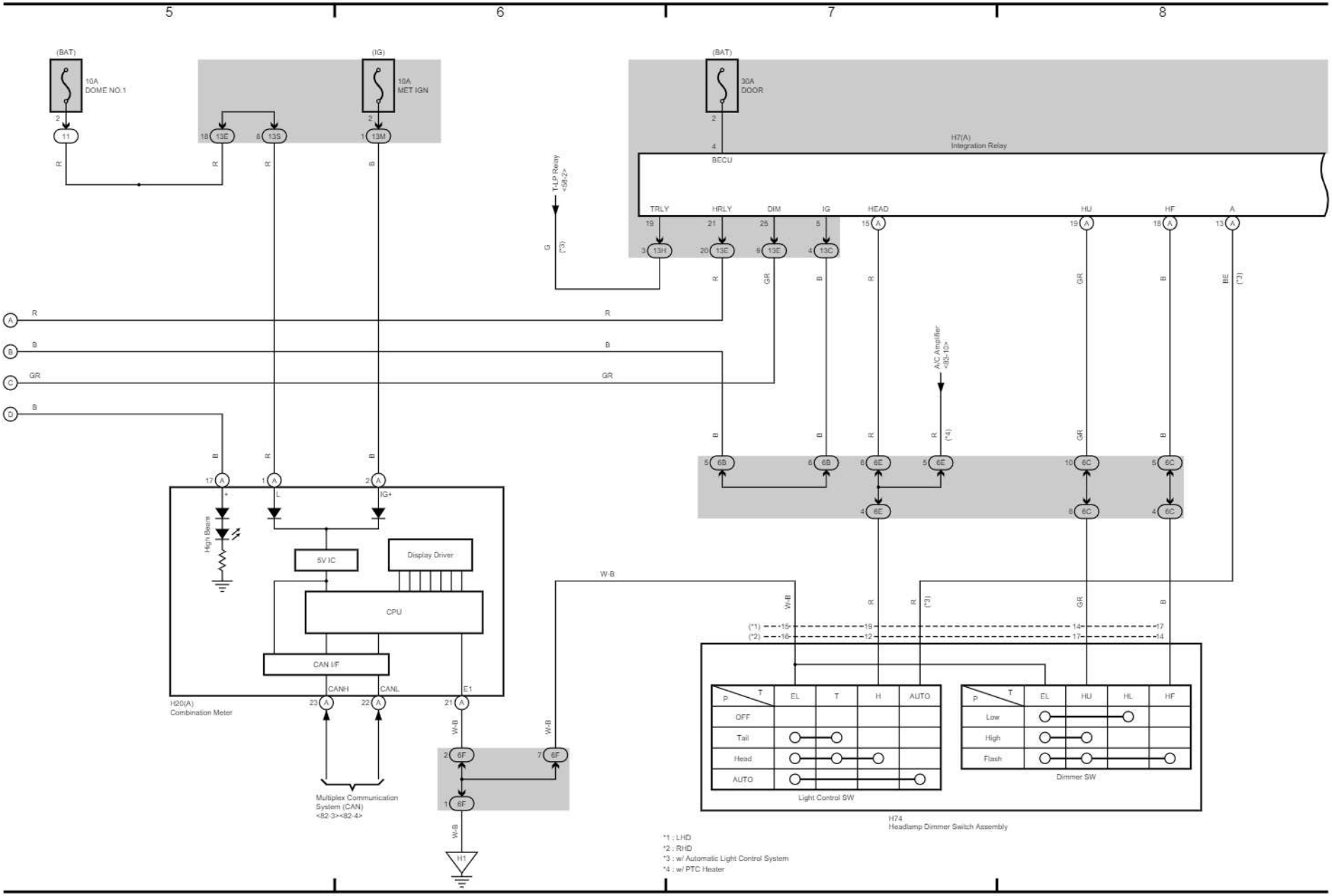
Automatic Light Control (Halogen Type) (From Dec. 2013 Production) and Headlight (Halogen Type) (From Dec. 2013 Production)

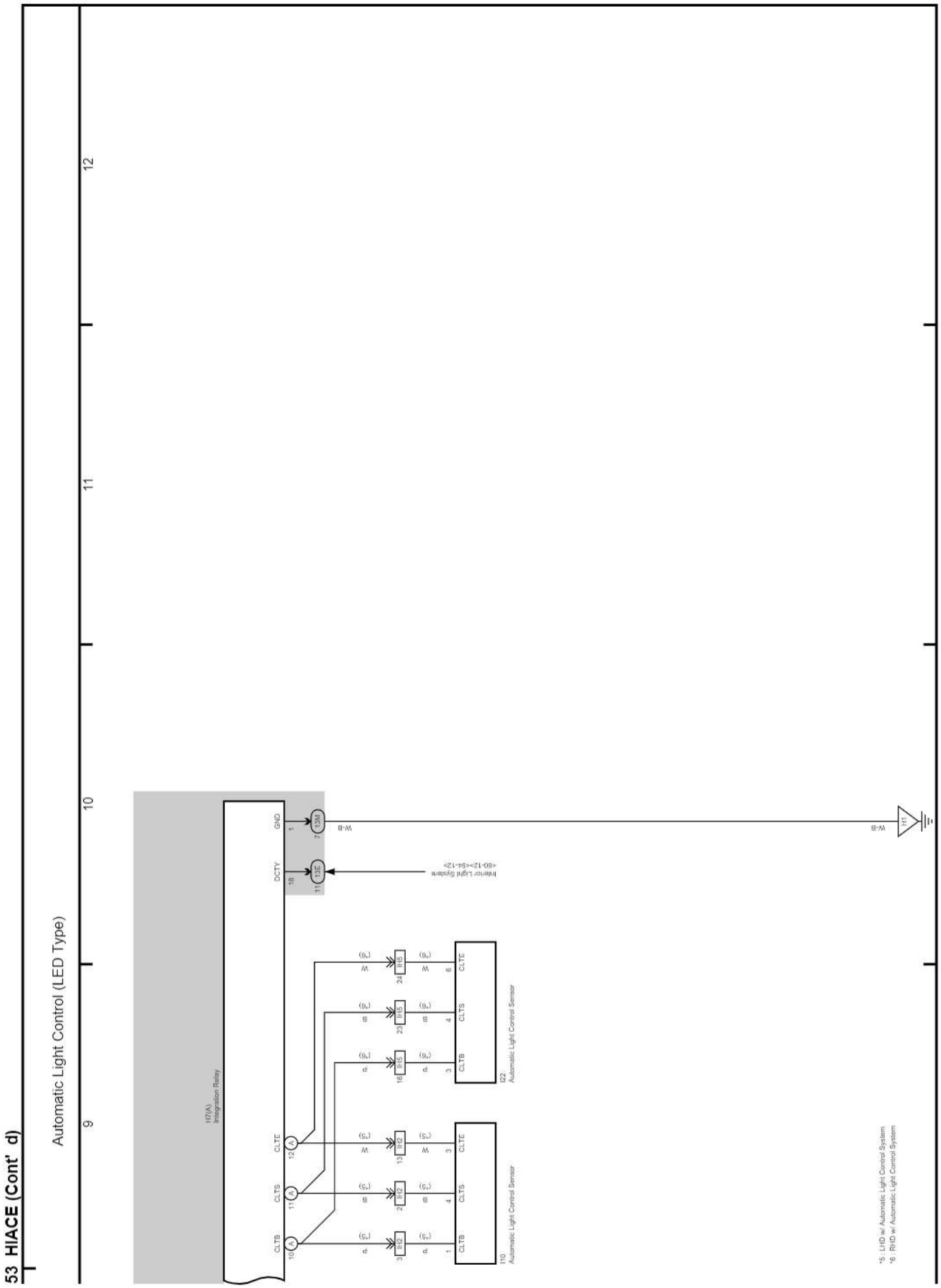


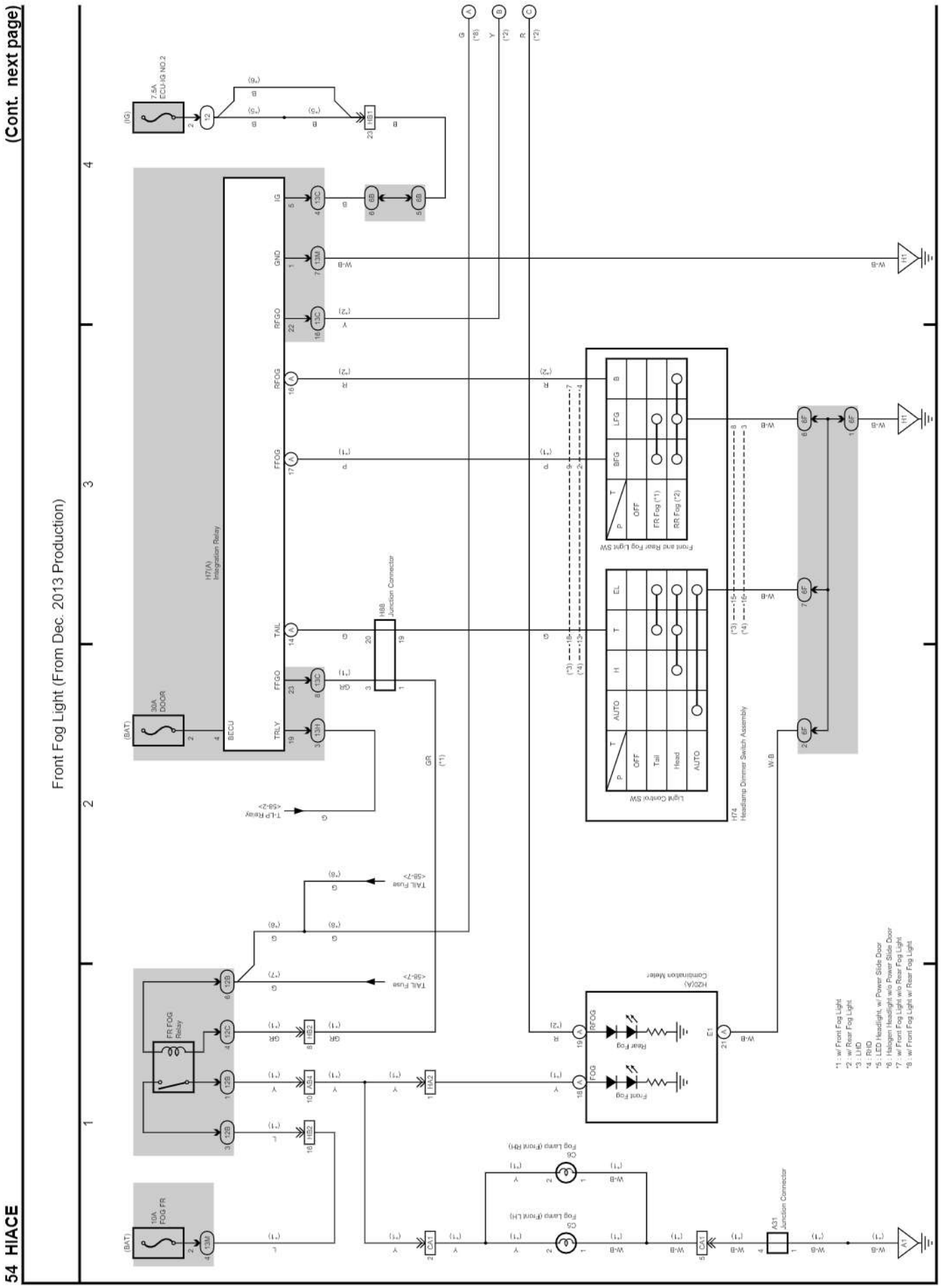

53 HIACE
(Cont. next page)
Headlight (LED Type) (From Dec. 2013 Production) and Headlight Beam Level Control (Automatic) (From Dec. 2013 Production)
1
2
3
4
(IG)
7.5A
ECU-IG NO.2
(BAT)
10A
H-LP LH-HI
10A
H-LP LH-LO
10A
H-LP RH-HI
10A
H-LP RH-LO
DIM
Relay
NO.2
HD-LP
Relay
NO.2
DIM
Relay
NO.1
HD-LP
Relay
NO.1
A33(A), A34(B)
Headlamp Assembly RH
A36(A), A37(B)
Headlamp Assembly LH
A31
Junction Connector
A1
Multiplex Communication System (CAN) <B2-1>
A39
Headlamp Leveling Computer Assembly
CANH
CANL
IG
HDLP
LLEW
RLEW
SBR
SHRL
SGR
E1
LH+
LH-
LHT
RH+
RH-
RHT
A38
Headlamp Leveling Motor (LH)
LHIG
LH E
LH T
A35
Headlamp Leveling Motor (RH)
RHIG
RH E
RH T
P2
Rear Height Control Sensor Sub-Assembly LH
SHRR
SHB
SHG

(Cont. next page)

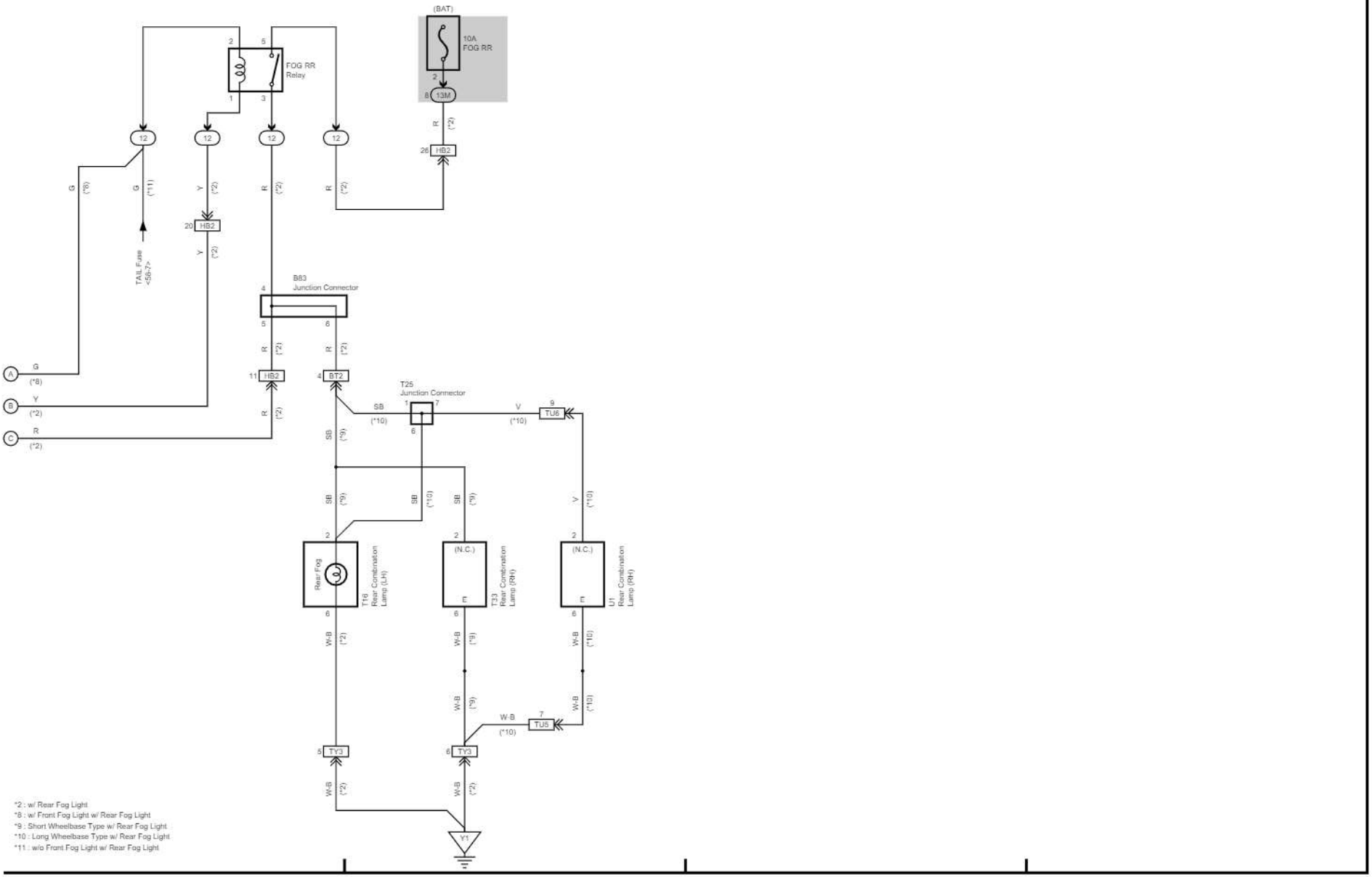
Headlight (LED Type) (From Dec. 2013 Production) and Headlight Beam Level Control (Automatic) (From Dec. 2013 Production)




53 HIACE (Cont' d)
Automatic Light Control (LED Type)
9
10
11
12
H17(A)
Integration Relay
GND
DCTY
CLTE
CLTS
CLTB
I10
Automatic Light Control Sensor
I22
Automatic Light Control Sensor
Interior Light System
<60-12><94-12>
W-B
I11
*5 : LHD w/ Automatic Light Control System
*6 : RHD w/ Automatic Light Control System

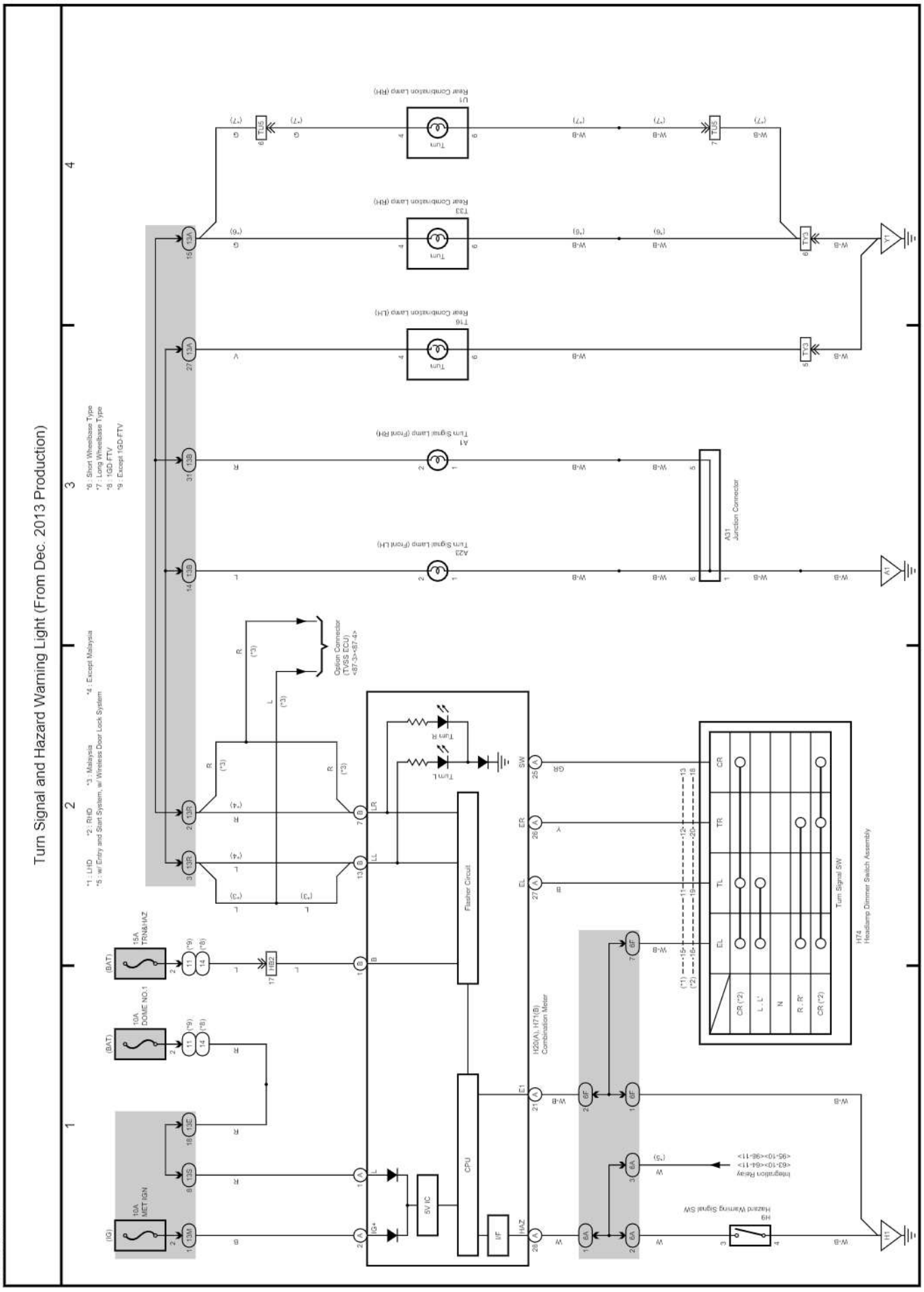

(Cont. next page)
Front Fog Light (From Dec. 2013 Production)
54 HIACE
H7(A) Integration Relay
H88 Junction Connector
Front and Rear Fog Light SW
Light Control SW
H74 Headlamp Dimmer Switch Assembly
Combination Meter
FR FOG Relay
TAIL Fuse <5B-7>
T-LP Relay <5B-2>
Rear Fog
Front Fog
Fog Lamp (Front RH)
Fog Lamp (Front LH)
A31 Junction Connector
*1 : w/ Front Fog Light
*2 : w/ Rear Fog Light
*3 : LHD
*4 : RHD
*5 : LED Headlight, w/ Power Slide Door
*6 : Halogen Headlight w/o Power Slide Door
*7 : w/ Front Fog Light w/o Rear Fog Light
*8 : w/ Front Fog Light w/ Rear Fog Light

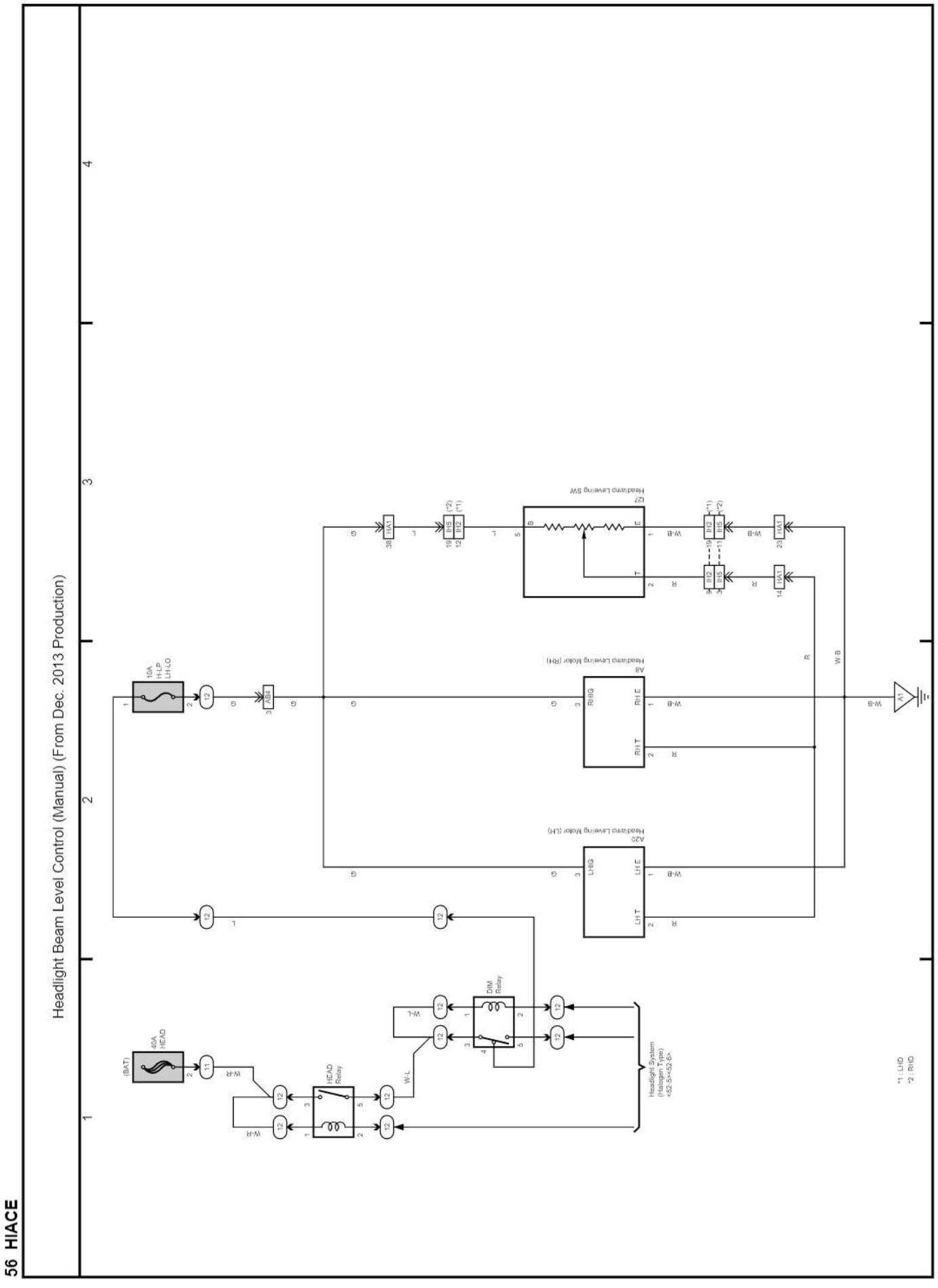
Rear Fog Light (From Dec. 2013 Production)

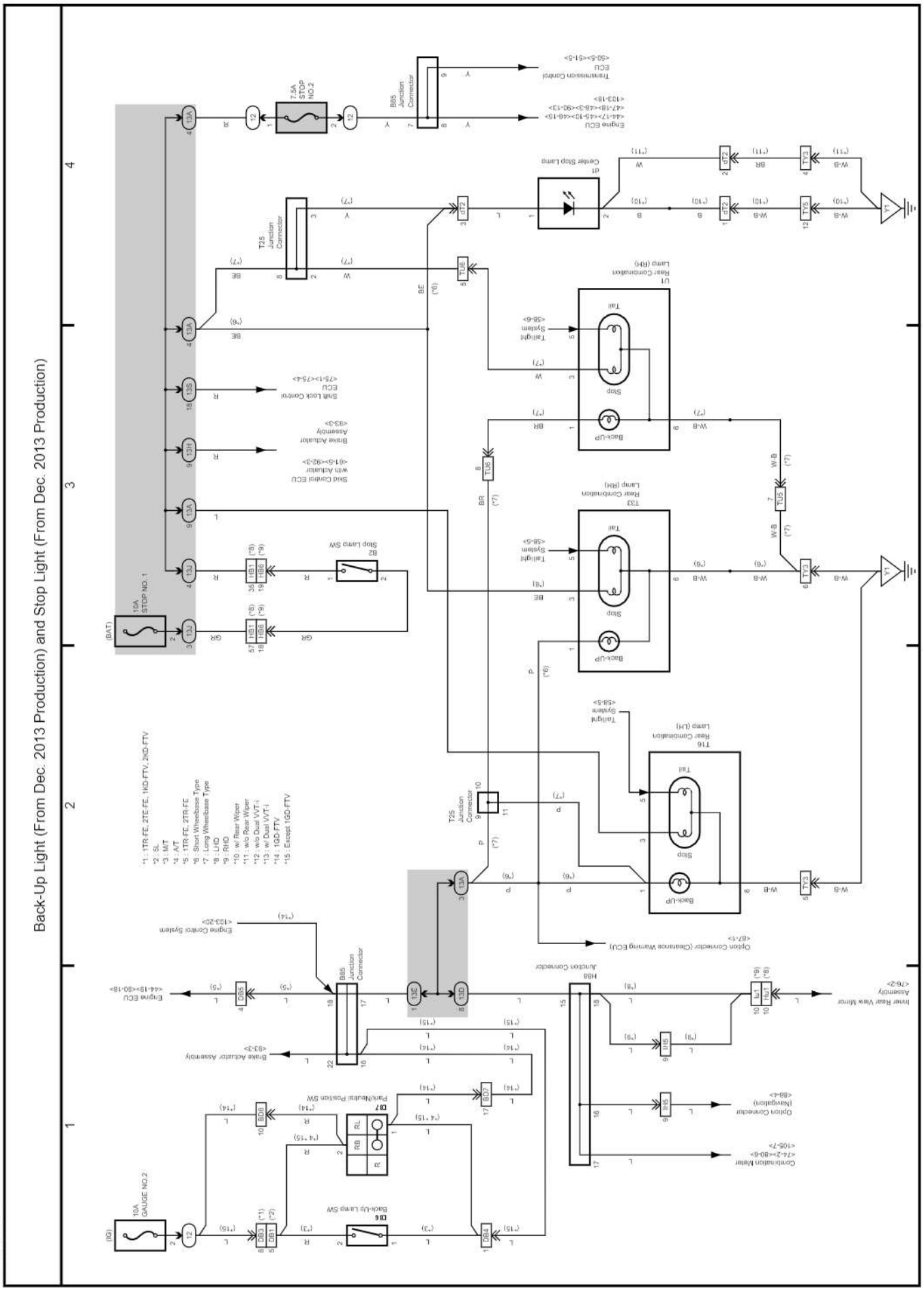


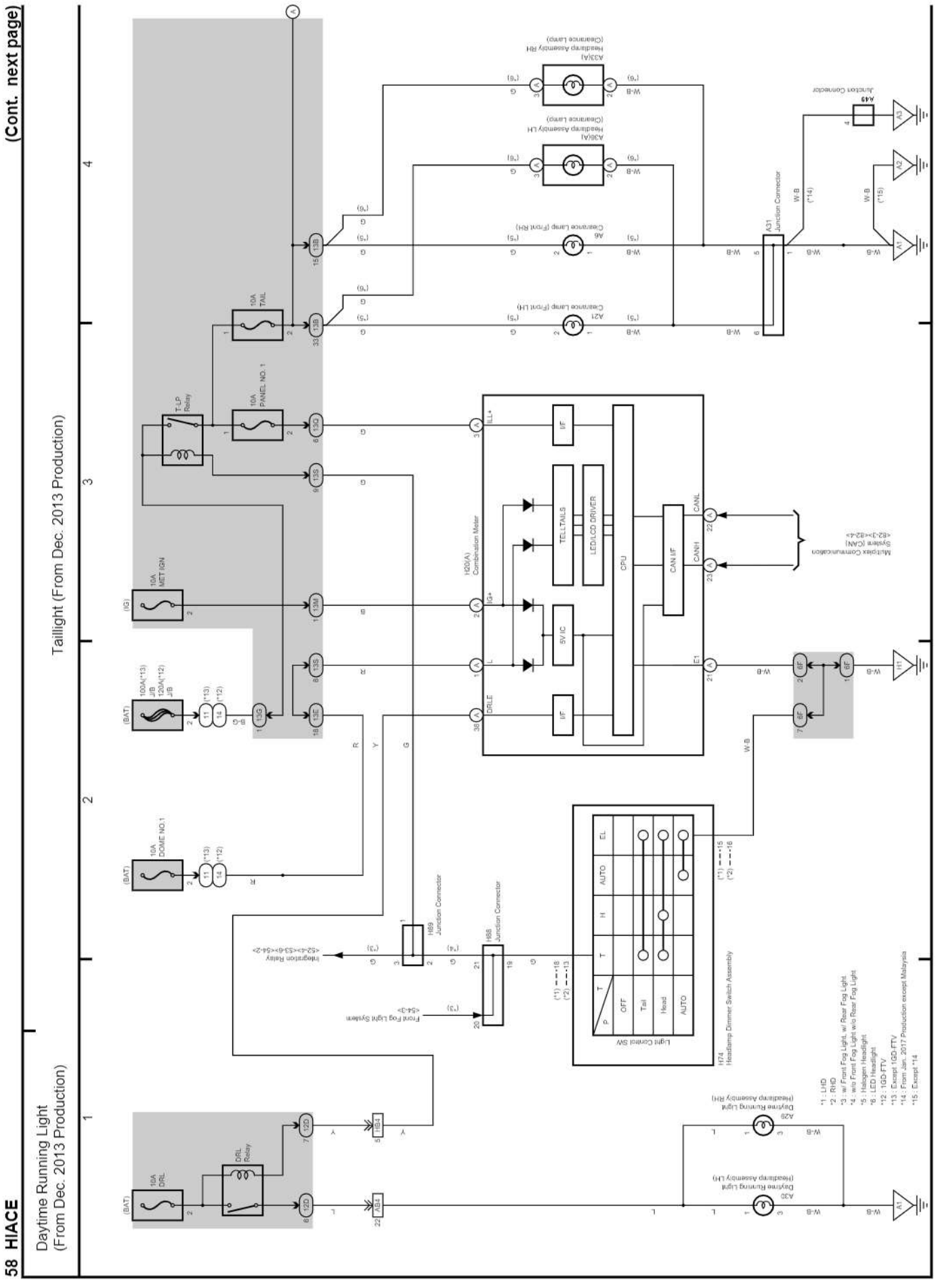
HIACE (EM26T4E)

M

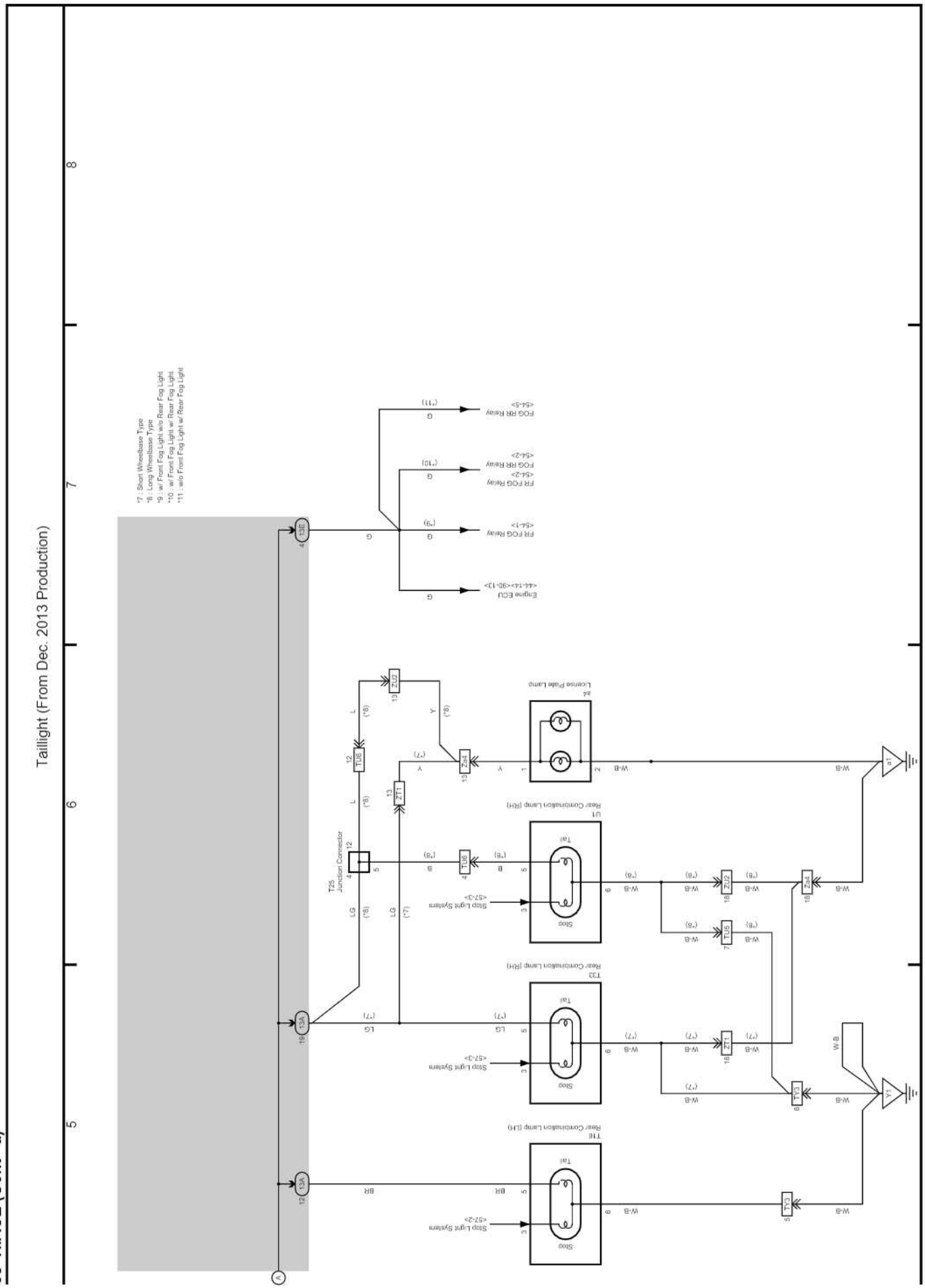

Turn Signal and Hazard Warning Light (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*3 : Malaysia
*4 : Except Malaysia
*5 : w/ Entry and Start System, w/ Wireless Door Lock System
*6 : Short Wheelbase Type
*7 : Long Wheelbase Type
*8 : 1GD-FTV
*9 : Except 1GD-FTV
Rear Combination Lamp (RH) U1
Rear Combination Lamp (RH) T33
Rear Combination Lamp (LH) T16
Turn Signal Lamp (Front RH) A1
Turn Signal Lamp (Front LH) A23
A31 Junction Connector
Option Connector (TVSS ECU) <87.3><87.4>
Flasher Circuit
CPU
5V IC
I/F
H20(A), H71(B) Combination Meter
H74 Headlamp Dimmer Switch Assembly
Turn Signal SW
H9 Hazard Warning Signal SW
Integration Relay
15A TRN&HAZ
10A DOME NO.1
10A MET IGN
(BAT)
(IG)

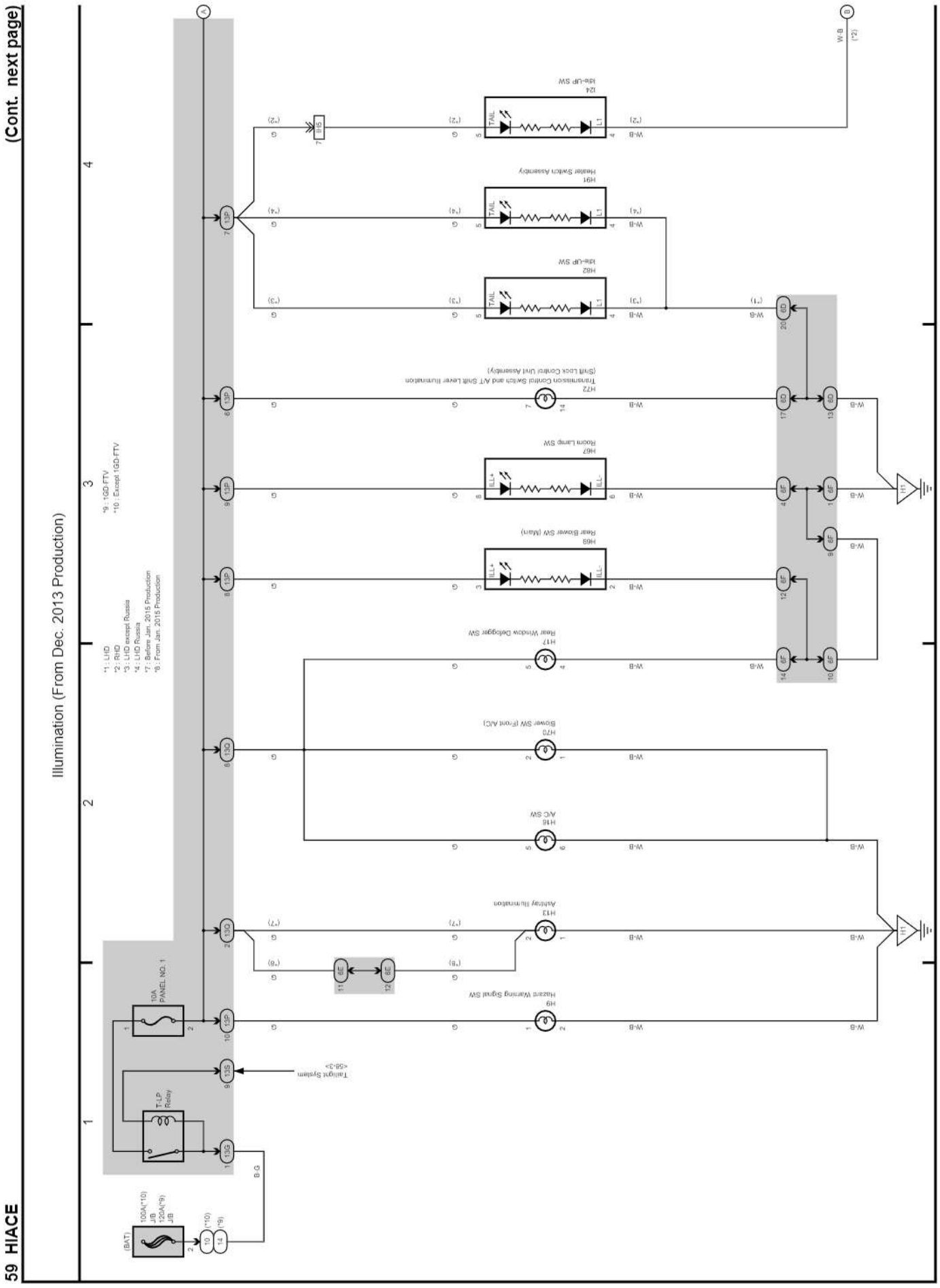

56 HIACE
Headlight Beam Level Control (Manual) (From Dec. 2013 Production)
1
2
3
4
(BAT)
40A
HEAD
10A
H-LP
LH-LO
HEAD
Relay
DIM
Relay
Headlight System
(Halogen Type)
<S2.5><S2.6>
Headlamp Leveling SW
IZ7
Headlamp Leveling Motor (RH)
A8
Headlamp Leveling Motor (LH)
A25
*1 : LHD
*2 : RHD


Back-Up Light (From Dec. 2013 Production) and Stop Light (From Dec. 2013 Production)
*1 : 1TR-FE, 2TE-FE, 1KD-FTV, 2KD-FTV
*2 : SL
*3 : M/T
*4 : A/T
*5 : 1TR-FE, 2TR-FE
*6 : Short Wheelbase Type
*7 : Long Wheelbase Type
*8 : LHD
*9 : RHD
*10 : w/ Rear Wiper
*11 : w/o Rear Wiper
*12 : w/o Dual VVT-i
*13 : w/ Dual VVT-i
*14 : 1GD-FTV
*15 : Except 1GD-FTV
10A STOP NO.1
10A GAUGE NO.2
7.5A STOP NO.2
B85 Junction Connector
T25 Junction Connector
H88 Junction Connector
T33 Rear Combination Lamp (RH)
T16 Rear Combination Lamp (LH)
Center Stop Lamp
Back-Up Lamp SW
Stop Lamp SW
Park/Neutral Position SW
Transmission Control ECU
Engine ECU
Shift Lock Control ECU
Brake Actuator Assembly
Skid Control ECU w/o Actuator
Engine Control System
Option Connector (Clearance Warning ECU)
Inner Rear View Mirror Assembly
Combination Meter
Option Connector (Navigation)
Tail
Stop
Back-UP
TailLight System


58 HIACE
Daytime Running Light
(From Dec. 2013 Production)
Taillight (From Dec. 2013 Production)
(Cont. next page)
1
2
3
4
(BAT)
10A DRL
DRL Relay
10A TAIL
10A PANEL NO. 1
T-LP Relay
10A MET IGN
(IG)
100A(*13) J/B
120A(*12) J/B
10A DOME NO.1
I20(A) Combination Meter
ILL+
IG+
L
DRLE
IIF
TELLTAILS
LED/LCD DRIVER
5V I/C
CPU
CAN I/F
CANL
CANH
E1
Multiplex Communication System (CAN)
<62-3><62-4>
A33(A) Headlamp Assembly RH (Clearance Lamp)
A36(A) Headlamp Assembly LH (Clearance Lamp)
A6 Clearance Lamp (Front RH)
A21 Clearance Lamp (Front LH)
A31 Junction Connector
A49 Junction Connector
A30 Daytime Running Light (Headlamp Assembly LH)
A29 Daytime Running Light (Headlamp Assembly RH)
H69 Junction Connector
H68 Junction Connector
Integration Relay
<52-4><53-6><54-2>
Front Fog Light System
<54-3>
H74 Headlamp Dimmer Switch Assembly
Light Control SW
OFF
Tail
Head
AUTO
EL
*1 : LHD
*2 : RHD
*3 : w/ Front Fog Light, w/ Rear Fog Light
*4 : w/o Front Fog Light w/o Rear Fog Light
*5 : Halogen Headlight
*6 : LED Headlight
*12 : 1GD-FTV
*13 : Except 1GD-FTV
*14 : From Jan. 2017 Production except Malaysia
*15 : Except *14

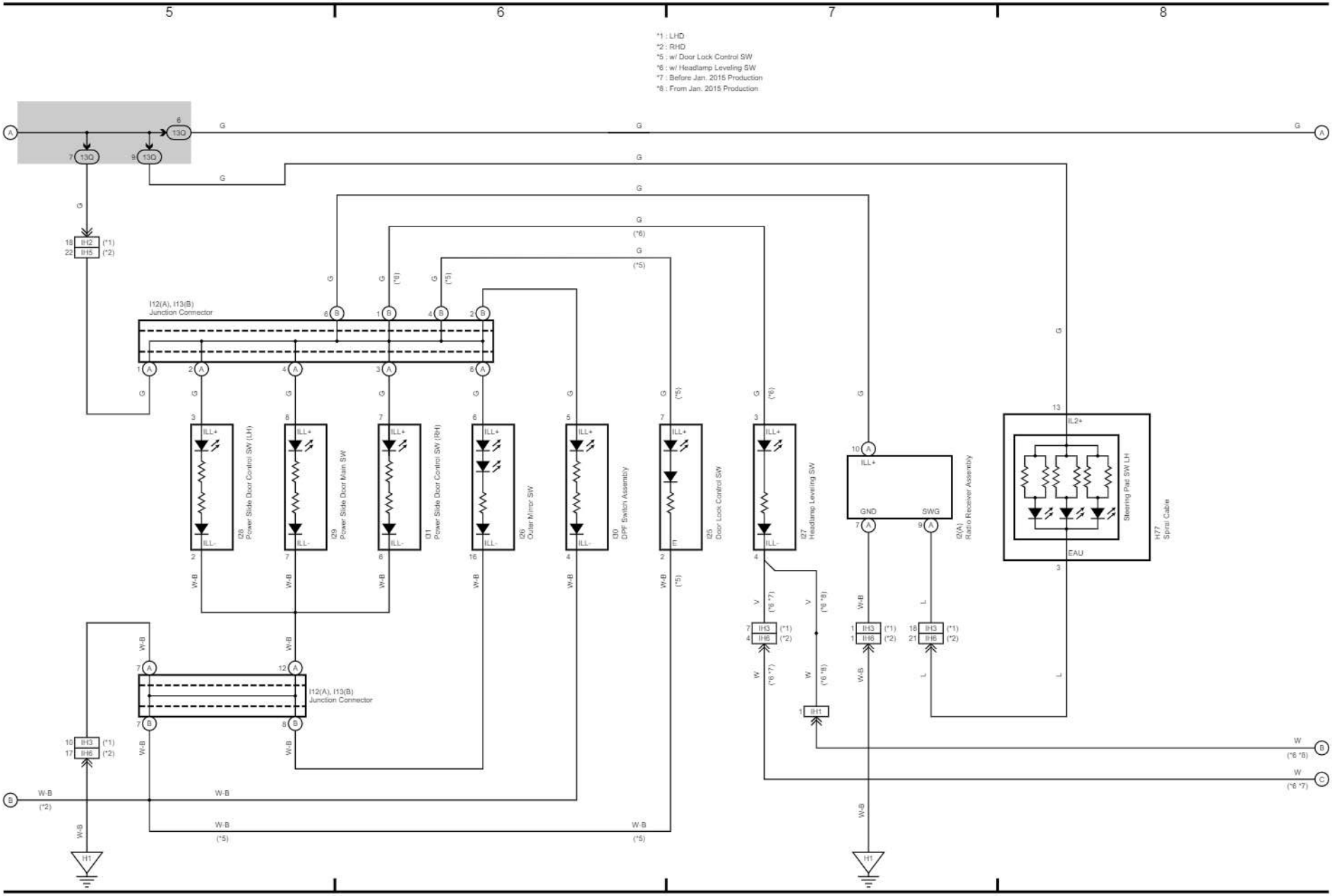
58 HIACE (Cont' d)

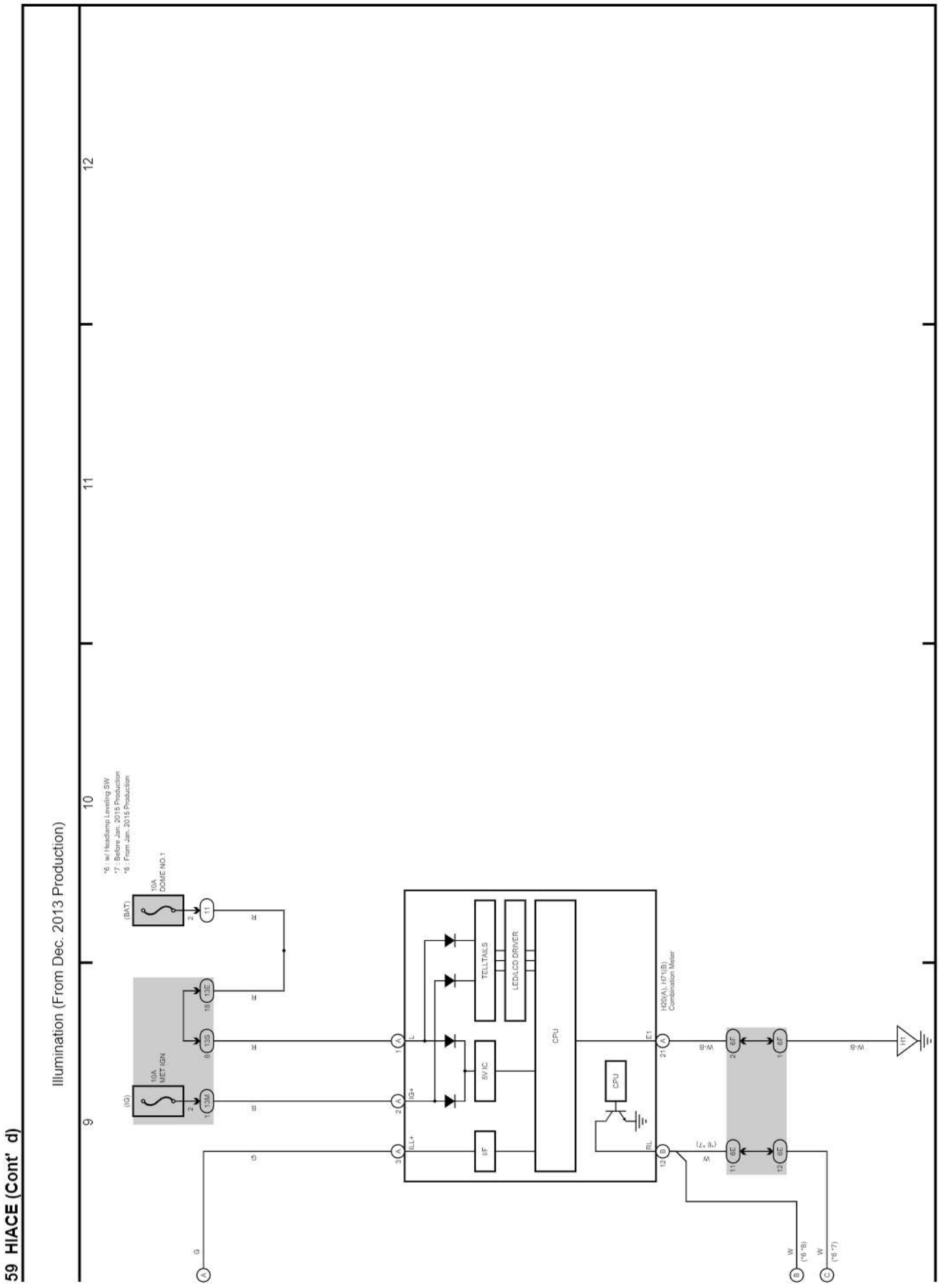


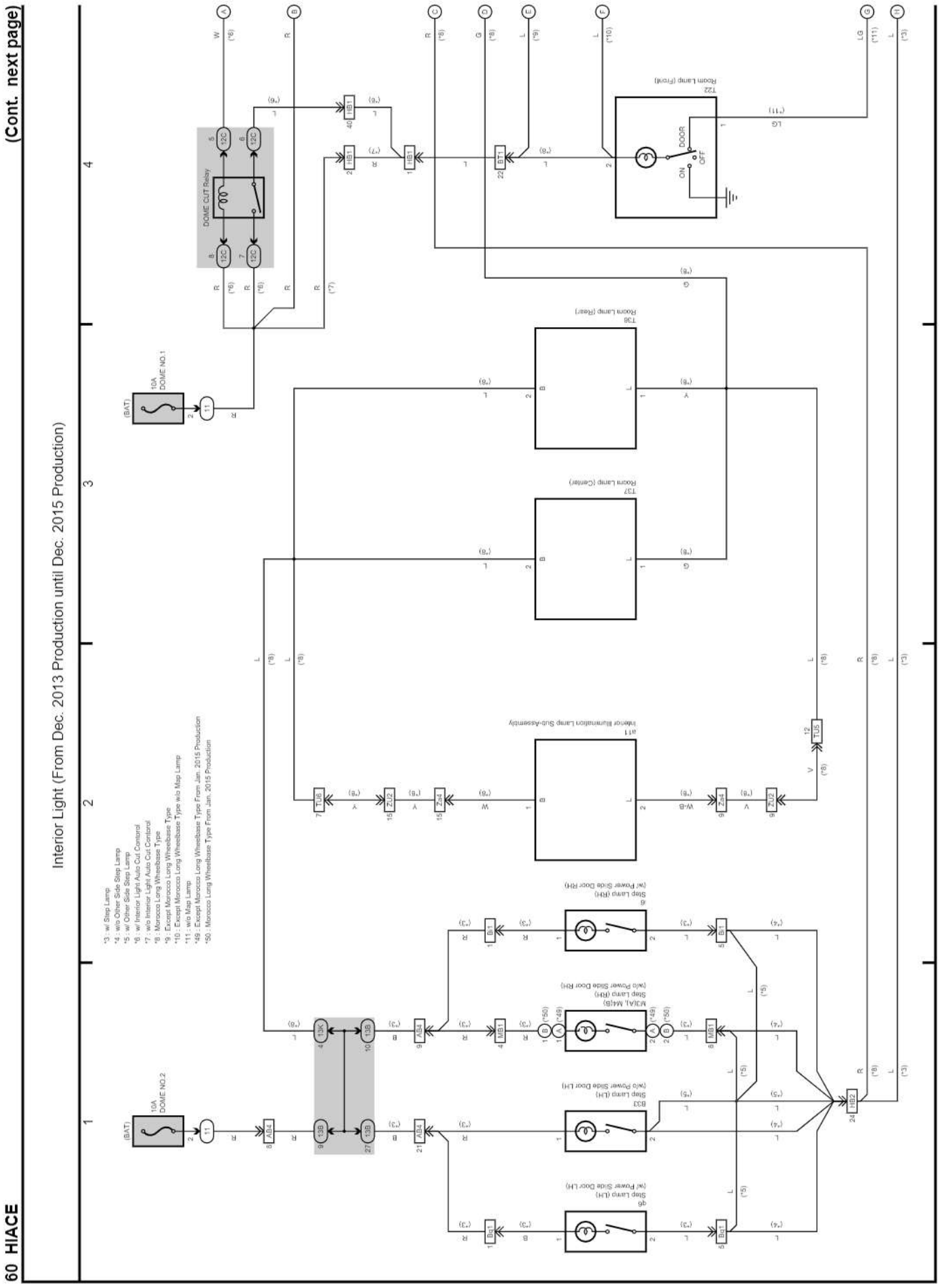

(Cont. next page)
Illumination (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*3 : LHD except Russia
*4 : LHD Russia
*7 : Before Jan. 2015 Production
*8 : From Jan. 2015 Production
*9 : 1GD-FTV
*10 : Except 1GD-FTV
Idle-UP SW
Heater Switch Assembly
Idle-UP SW
Transmission Control Switch and A/T Shift Lever Illumination (Shift Lock Control Unit Assembly)
Room Lamp SW
Rear Blower SW (Main)
Rear Window Defogger SW
Blower SW (Front A/C)
A/C SW
Ashtray Illumination
Hazard Warning Signal SW
Taillight System
T-LP Relay
10A PANEL NO. 1
100A(*10) J/B
120A(*9) J/B
(BAT)
B-G
W-B
59 HIACE

(Cont. next page)

Illumination (From Dec. 2013 Production)

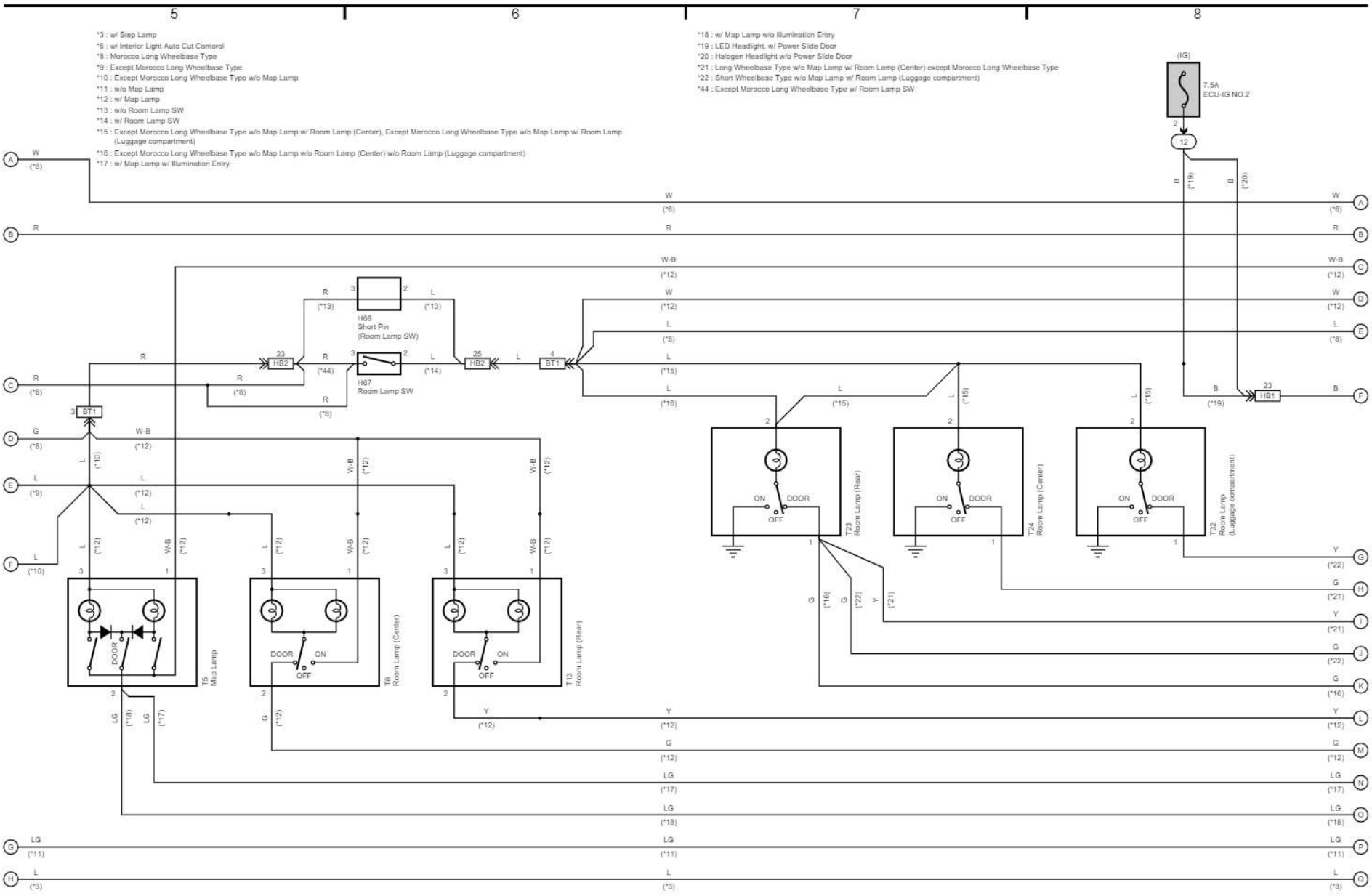



59 HIACE (Cont' d)
Illumination (From Dec. 2013 Production)
9
10
11
12
*6 : w/ Headlamp Leveling SW
*7 : Before Jan. 2015 Production
*8 : From Jan. 2015 Production
(BAT)
10A
DOME NO.1
(IG)
10A
MET IGN
13M
13S
13E
11
2
1
6
18
R
R
R
B
G
A
IG+
ILL+
L
TELLTALS
LED/LCD DRIVER
5V I/C
I/F
CPU
CPU
E1
21
RL
12
H26(A), H71(B)
Combination Meter
W-B
6F
2
1
6E
11
12
W
(*6, *7)
W-B
I11
W
(*6 *8)
W
(*6 *7)
B
C

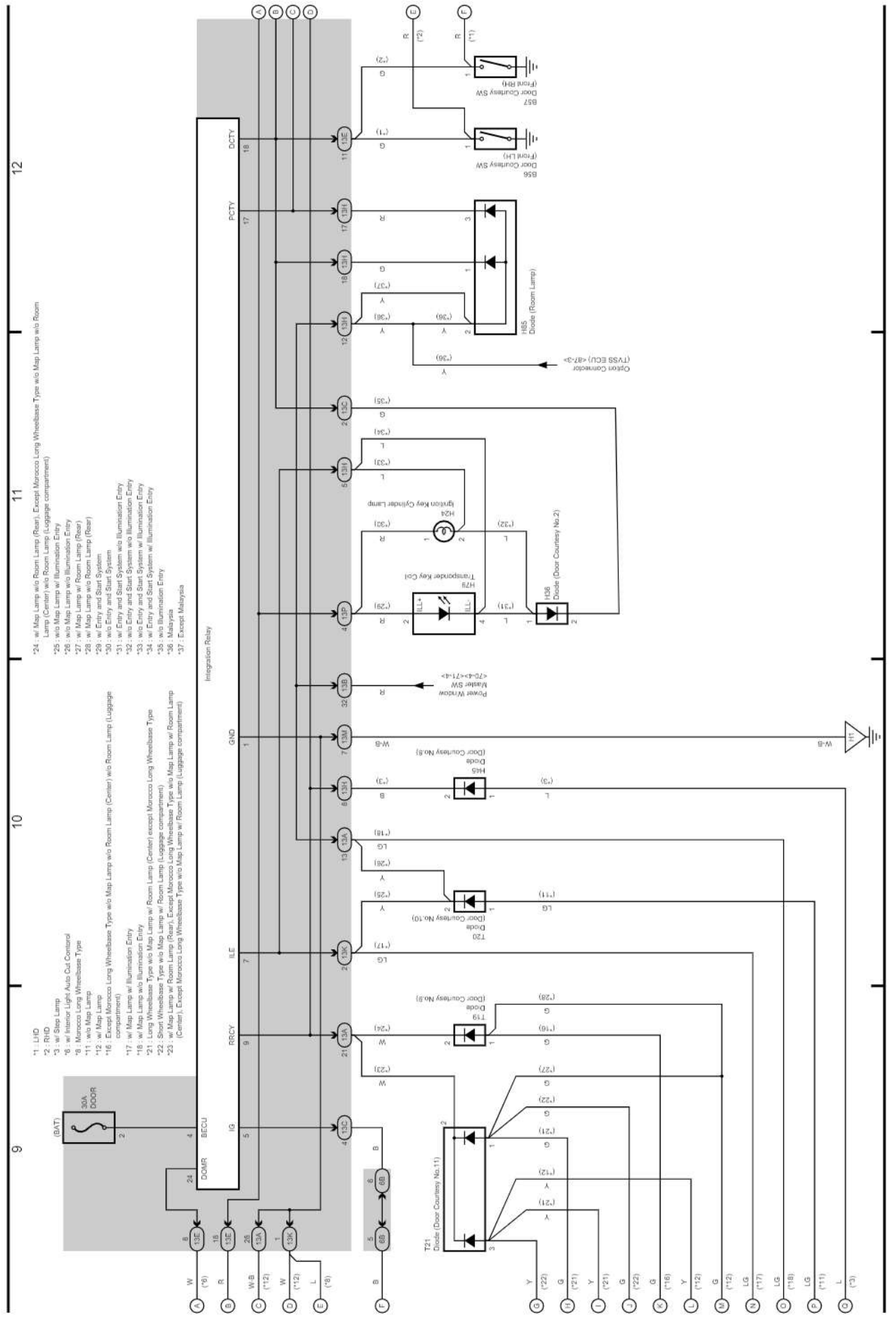

(Cont. next page)
Interior Light (From Dec. 2013 Production until Dec. 2015 Production)
*3 : w/ Step Lamp
*4 : w/o Other Side Step Lamp
*5 : w/ Other Side Step Lamp
*6 : w/ Interior Light Auto Cut Control
*7 : w/o Interior Light Auto Cut Control
*8 : Morocco Long Wheelbase Type
*9 : Except Morocco Long Wheelbase Type
*10 : Except Morocco Long Wheelbase Type w/o Map Lamp
*11 : w/o Map Lamp
*49 : Except Morocco Long Wheelbase Type From Jan. 2015 Production
*50 : Morocco Long Wheelbase Type From Jan. 2015 Production
(BAT)
10A DOME NO.1
10A DOME NO.2
DOME CUT Relay
T22 Room Lamp (Front)
T36 Room Lamp (Rear)
T37 Room Lamp (Center)
a11 Interior Illumination Lamp Sub-Assembly
B3 Step Lamp (LH) (w/o Power Side Door LH)
B6 Step Lamp (LH) (w/ Power Side Door LH)
M3(A), M4(B) Step Lamp (RH) (w/o Power Side Door RH)
I6 Step Lamp (RH) (w/ Power Side Door RH)
DOOR
ON
OFF
1 2 3 4
60 HIACE

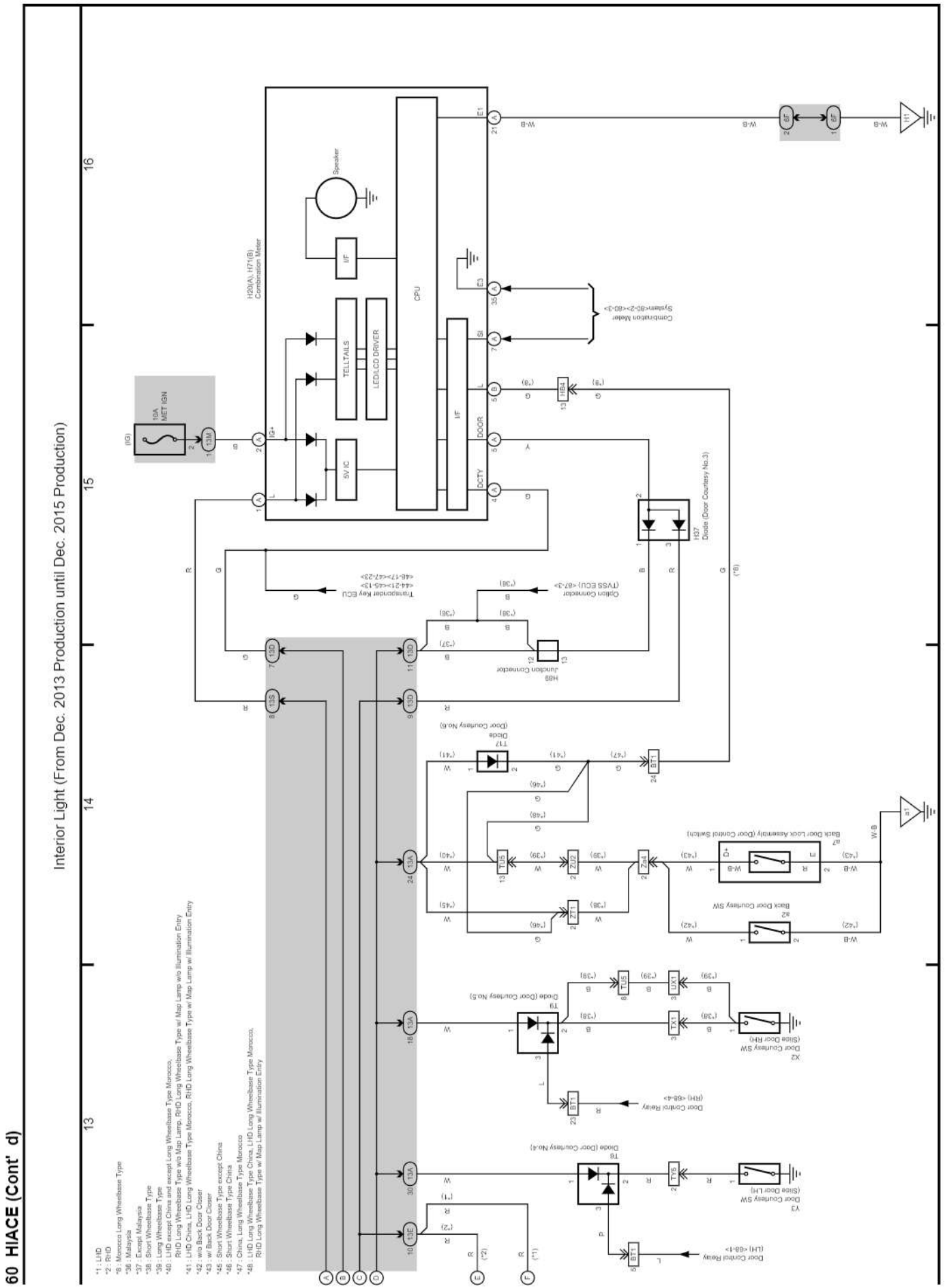
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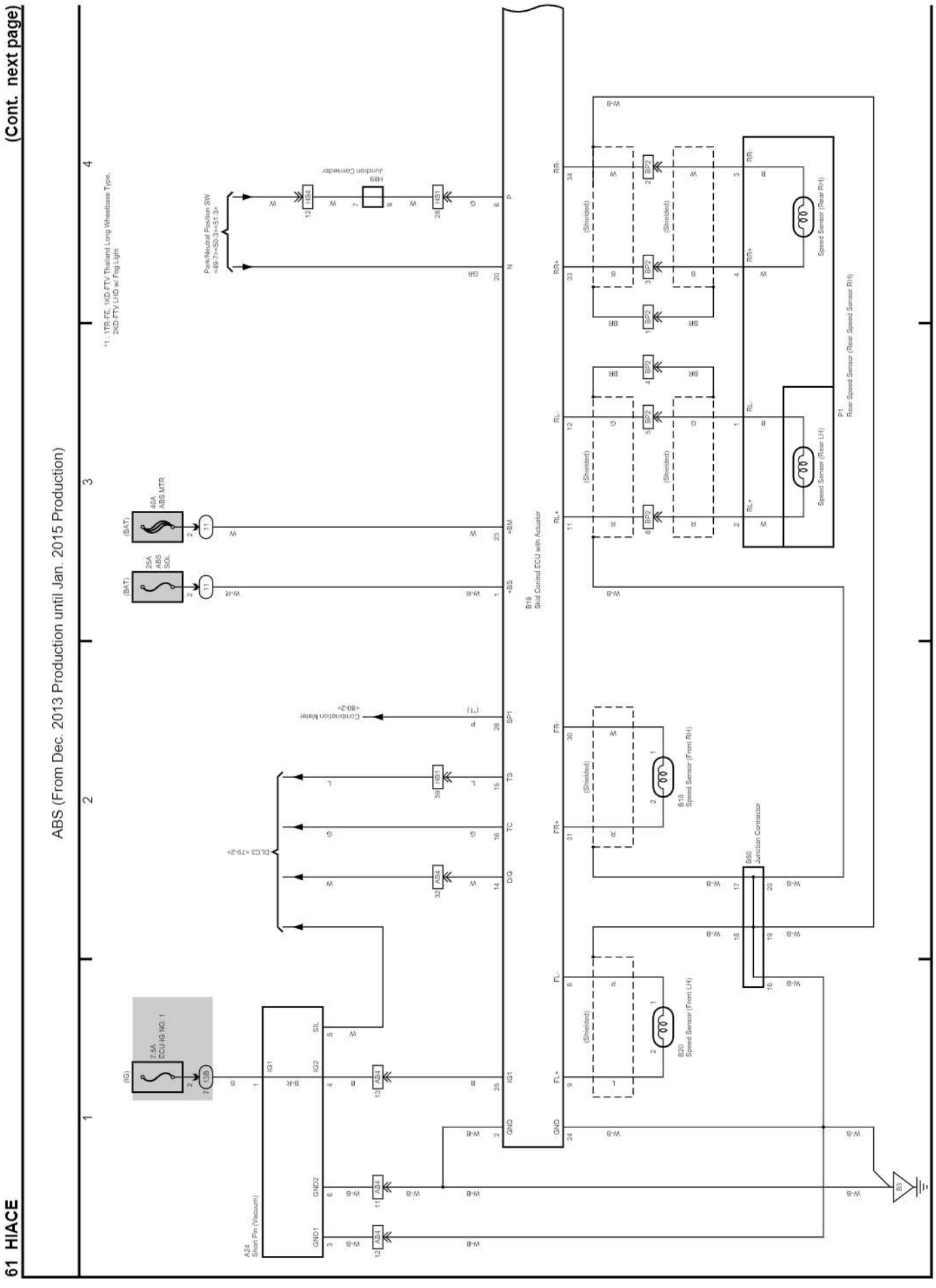
Interior Light (From Dec. 2013 Production until Dec. 2015 Production)



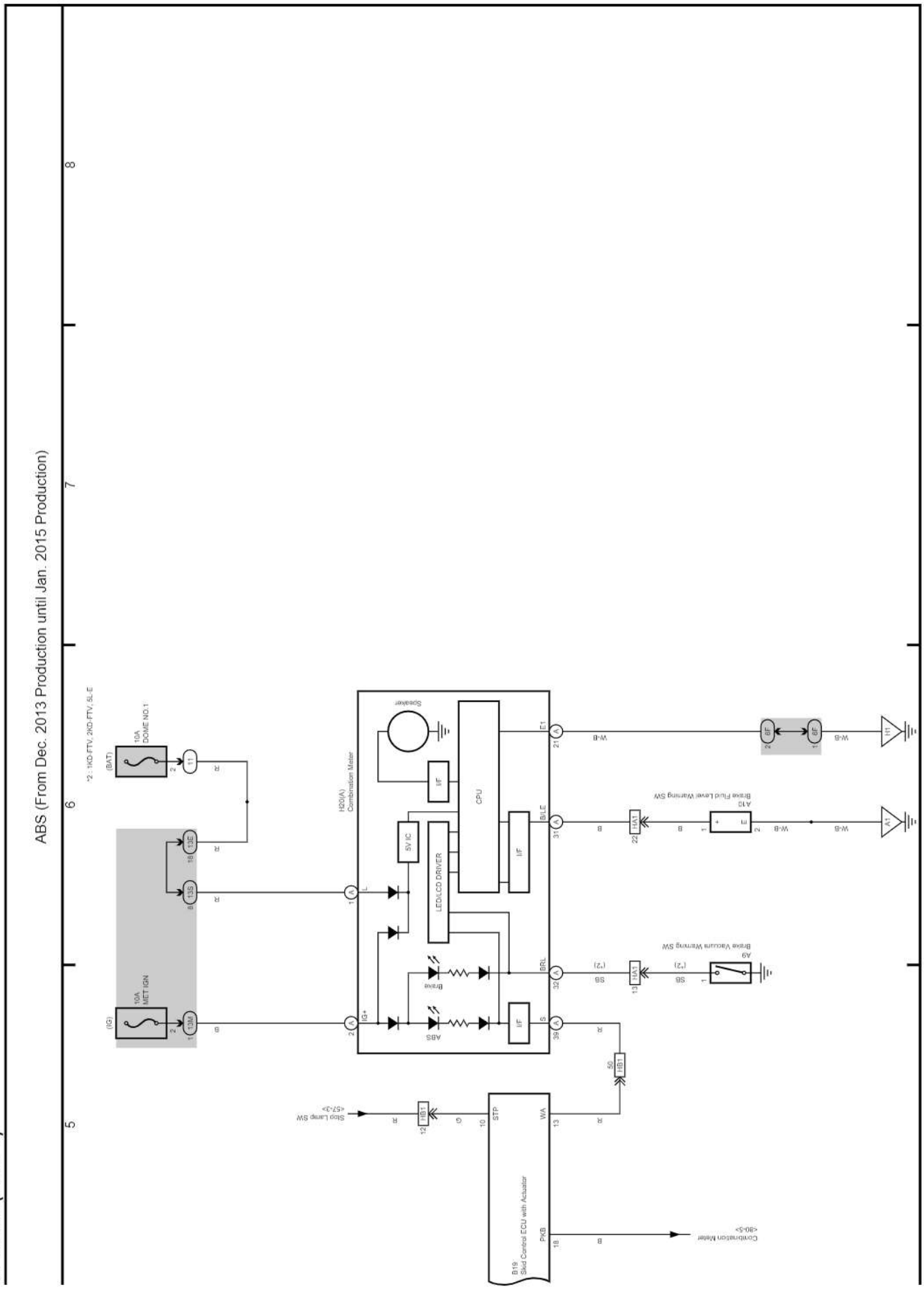
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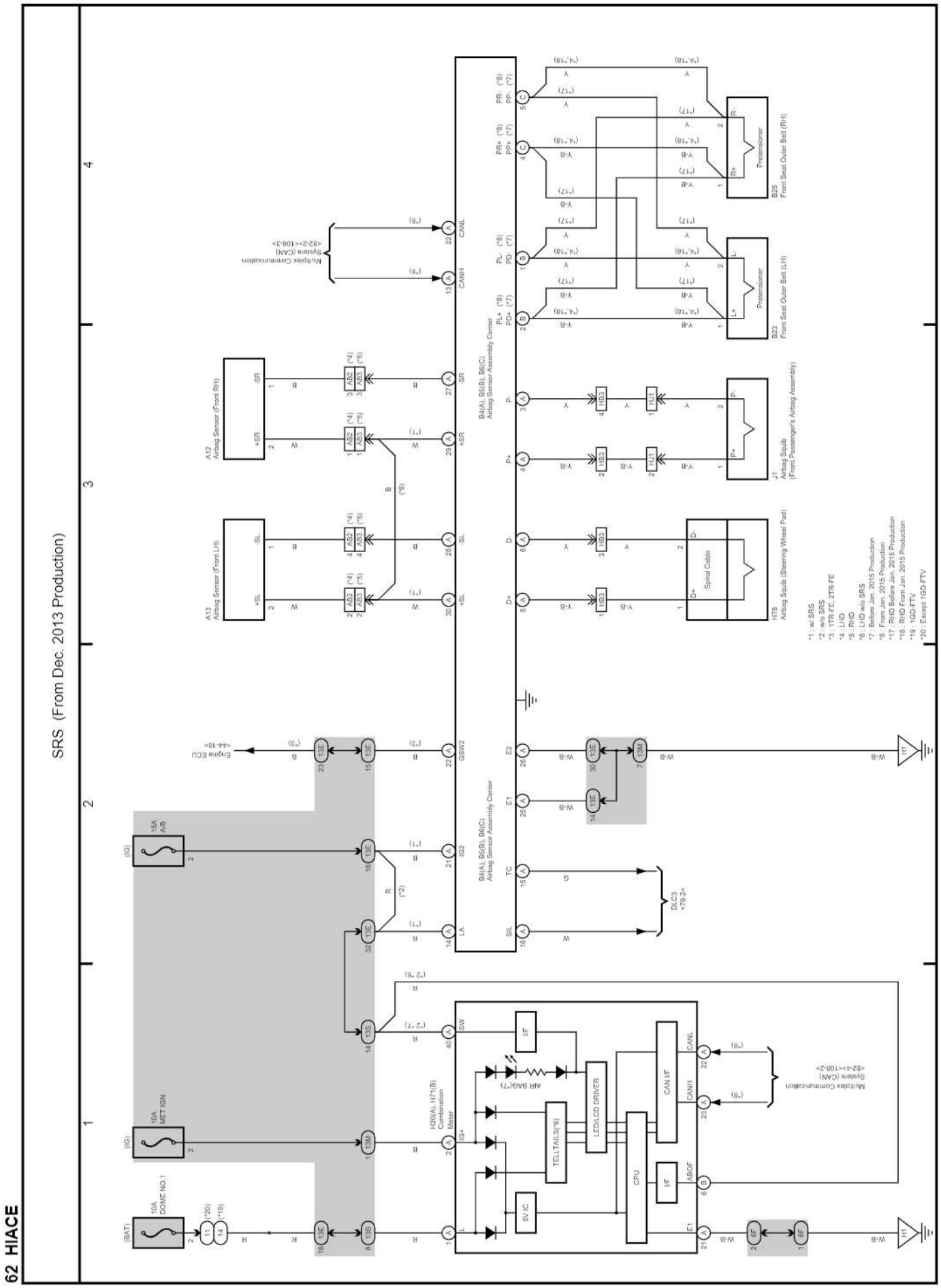


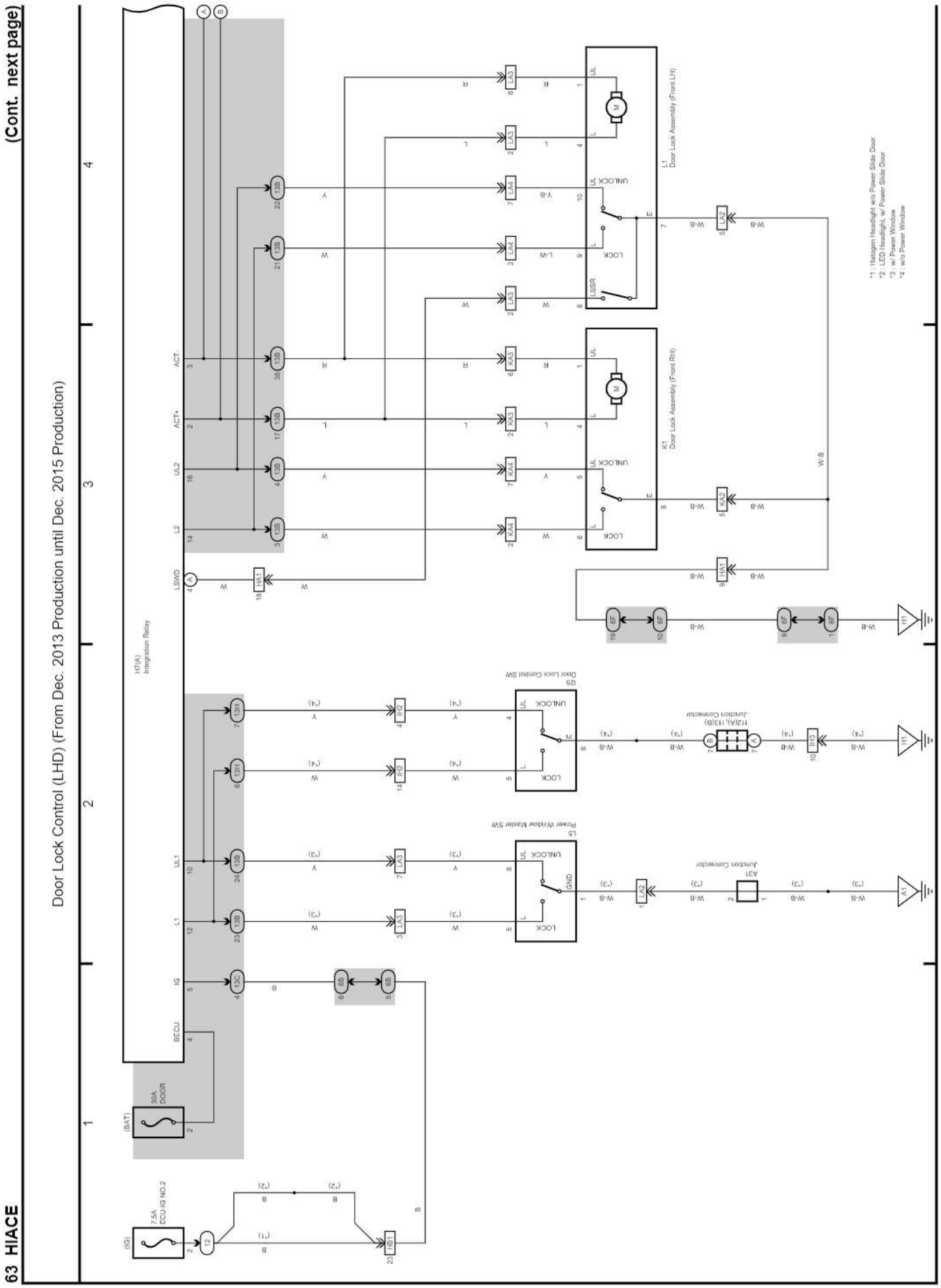

60 HIACE (Cont' d)
Interior Light (From Dec. 2013 Production until Dec. 2015 Production)
13
14
15
16
*1 : LHD
*2 : RHD
*6 : Morocco Long Wheelbase Type
*36 : Malaysia
*37 : Except Malaysia
*38 : Short Wheelbase Type
*39 : Long Wheelbase Type
*40 : LHD except China and except Long Wheelbase Type Morocco,
RHD Long Wheelbase Type w/o Map Lamp, RHD Long Wheelbase Type w/ Map Lamp w/o Illumination Entry
*41 : LHD China, LHD Long Wheelbase Type Morocco, RHD Long Wheelbase Type w/ Map Lamp w/ Illumination Entry
*42 : w/o Back Door Closer
*43 : w/ Back Door Closer
*45 : Short Wheelbase Type except China
*46 : Short Wheelbase Type China
*47 : China, Long Wheelbase Type Morocco
*48 : LHD Long Wheelbase Type China, LHD Long Wheelbase Type Morocco,
RHD Long Wheelbase Type w/ Map Lamp w/ Illumination Entry
(IG)
10A MET IGN
I20(A), H71(B) Combination Meter
Speaker
I/F
CPU
TELLTALS
LED/LCD DRIVER
5V /C
I/F
DOOR
DCTY
Combination Meter System <83-2><83-3>
H64
I27 Diode (Door Courtesy No.3)
H35 Junction Connector
Option Connector (TVSS ECU) <87-3>
Transponder Key ECU <44-21><45-13> <46-17><47-23>
T17 Diode (Door Courtesy No.6)
Back Door Lock Assembly (Door Control Switch)
Back Door Courtesy SW
T9 Diode (Door Courtesy No.5)
Door Courtesy SW (Slide Door RH)
Door Control Relay (RH) <68-4>
T8 Diode (Door Courtesy No.4)
Door Courtesy SW (Slide Door LH)
Door Control Relay (LH) <68-1>


(Cont. next page)
61 HIACE
ABS (From Dec. 2013 Production until Jan. 2015 Production)
1 2 3 4
*1 : 1TR-FE, 1KD-FTV Thailand Long Wheelbase Type,
2KD-FTV LHD w/ Fog Light
Park/Neutral Position SW
<49-7><50-3><51-3>
Junction Connector
H89
H54
H51
40A
ABS MTR
25A
ABS
SOL
7.5A
ECU-IG NO. 1
7 13B
(IG)
(BAT)
11
+BM
+BS
B19
Skid Control ECU with Actuator
Combination Meter
<80-2>
DLC3 <79-2>
SP1
TS
TC
D/G
IG1
SIL
GND
A24
Short Pin (Vacuum)
GND2
GND1
AB4
RR-
RR+
RL-
RL+
FR-
FR+
FL-
FL+
BP2
(Shielded)
Speed Sensor (Rear RH)
Speed Sensor (Rear LH)
P1
Rear Speed Sensor (Rear Speed Sensor RH)
B18
Speed Sensor (Front RH)
B20
Speed Sensor (Front LH)
B80
Junction Connector
B3

61 HIACE (Cont' d)

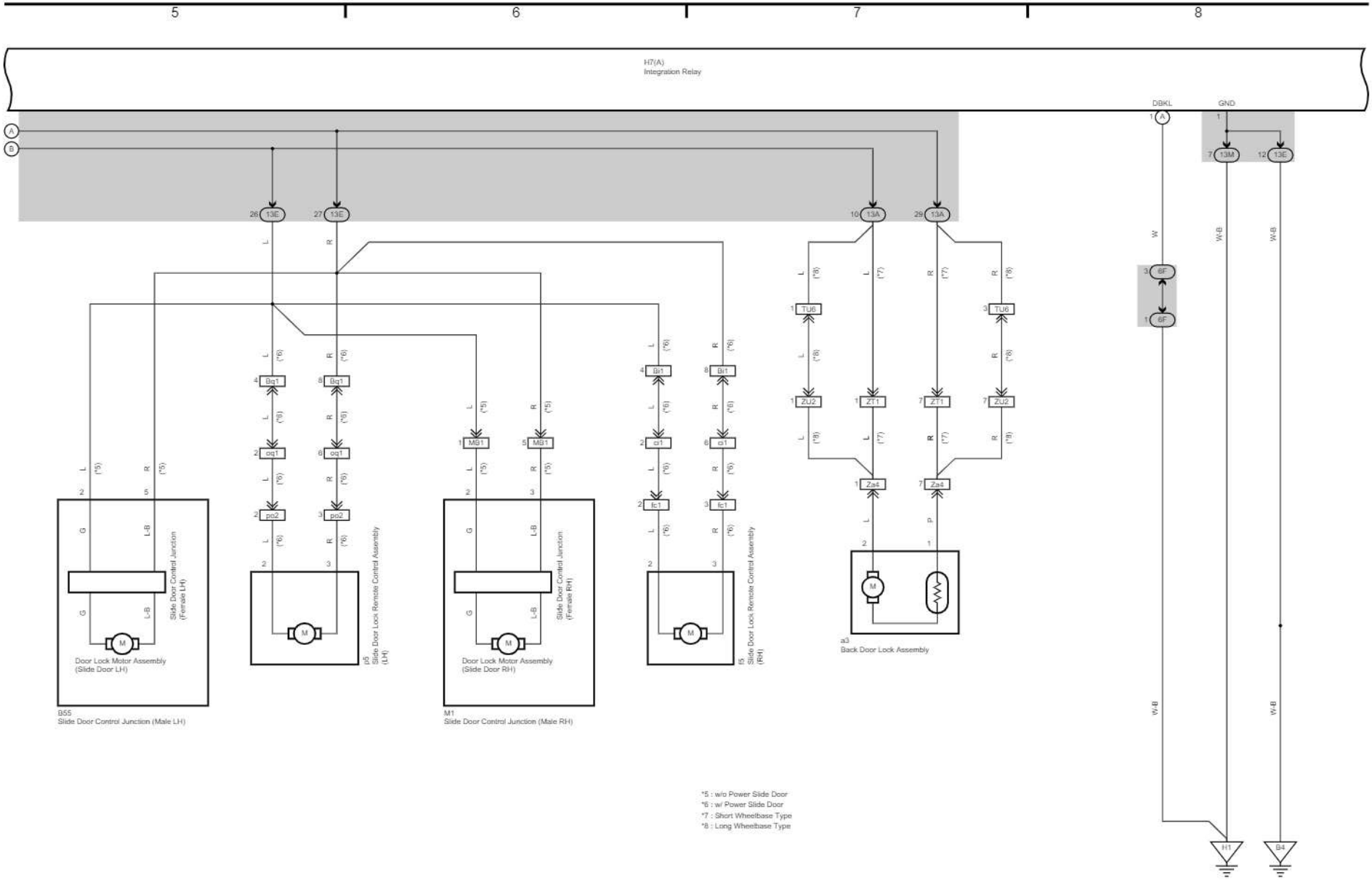


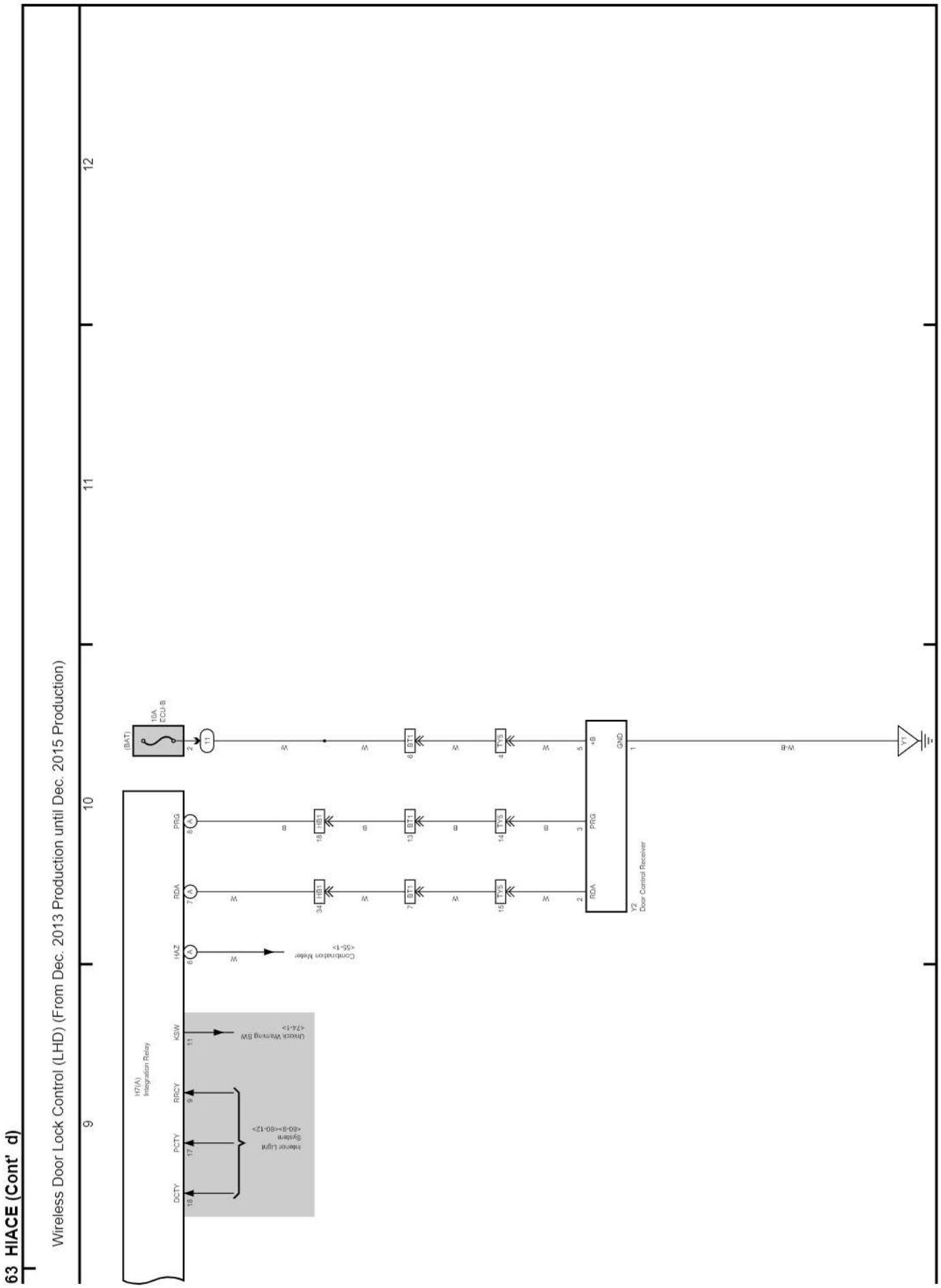

SRS (From Dec. 2013 Production)
62 HIACE
*1 : w/ SRS
*2 : w/o SRS
*3 : 1TR-FE, 2TR-FE
*4 : LHD
*5 : RHD
*6 : LHD w/o SRS
*7 : Before Jan. 2015 Production
*8 : From Jan. 2015 Production
*17 : RHD Before Jan. 2015 Production
*18 : RHD From Jan. 2015 Production
*19 : 1GD-FTV
*20 : Except 1GD-FTV
B4(A), B5(B), B6(C)
Airbag Sensor Assembly Center
A12
Airbag Sensor (Front RH)
A13
Airbag Sensor (Front LH)
B23
Front Seat Outer Belt (LH)
Pretensioner
B25
Front Seat Outer Belt (RH)
J1
Airbag Squib
(Front Passenger's Airbag Assembly)
H78
Airbag Squib (Steering Wheel Pad)
Spiral Cable
H20(A), H71(B)
Combination Meter
LED/LCD DRIVER
TELLTAILS(*6)
AIR BAG(*7)
CAN I/F
CPU
5V IC
Multiplex Communication System (CAN)
<B2-4><108-2>
Multiplex Communication System (CAN)
<B2-2><108-3>
Engine ECU
<44-16>
DLC3
<79-2>
10A
DOME NO.1
10A
MET IGN
15A
AIB
(BAT)
(IG)
(IG)
Except 1GD-FTV
1GD-FTV
W-B
R
B
G
W
Y
Y-B
V
GR
LG
P
BR
SB
O

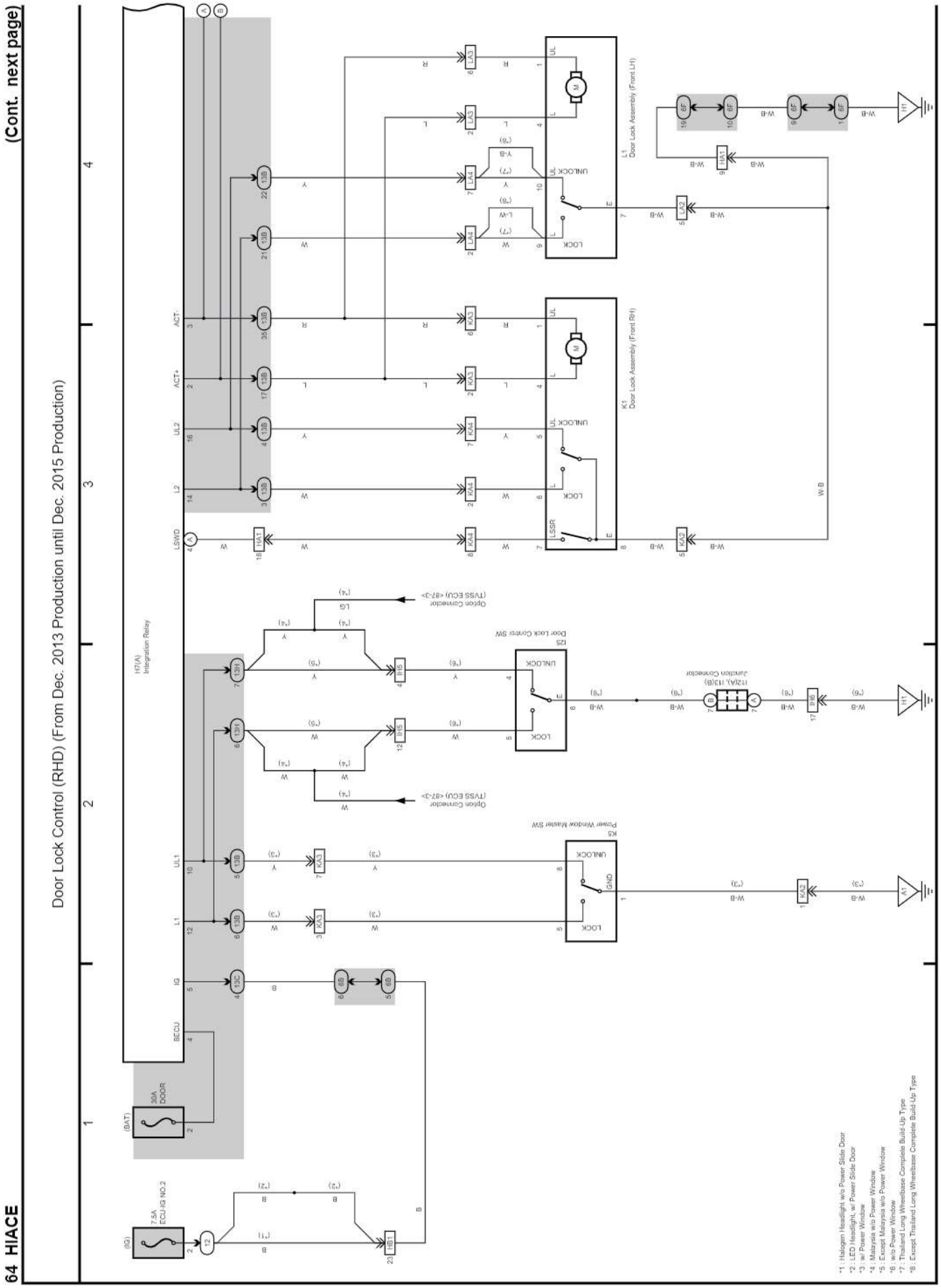

(Cont. next page)
Door Lock Control (LHD) (From Dec. 2013 Production until Dec. 2015 Production)
63 HIACE
H7(A)
Integration Relay
BECU
IG
L1
UL1
L2
UL2
ACT+
ACT
LSWD
(BAT)
30A
DOOR
(IG)
7.5A
ECU-IG NO.2
L1
Door Lock Assembly (Front LH)
K1
Door Lock Assembly (Front RH)
UNLOCK
LOCK
LSSR
GND
I25
Door Lock Control SW
L5
Power Window Master SW
Junction Connector
A31
*1 : Halogen Headlight w/o Power Slide Door
*2 : LED Headlight, w/ Power Slide Door
*3 : w/ Power Window
*4 : w/o Power Window

(Cont. next page)

Door Lock Control (LHD) (From Dec. 2013 Production until Dec. 2015 Production)

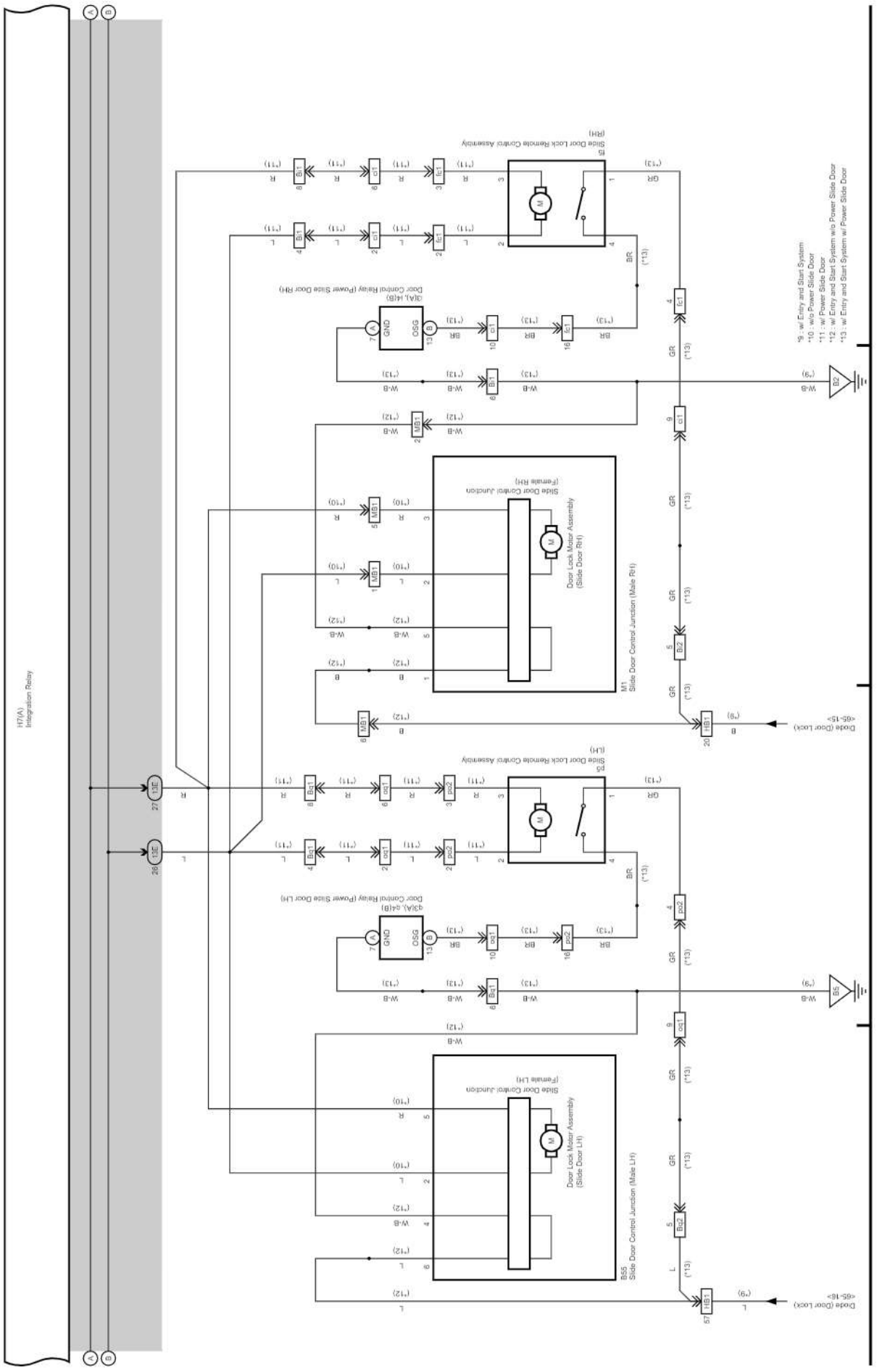



63 HIACE (Cont' d)
Wireless Door Lock Control (LHD) (From Dec. 2013 Production until Dec. 2015 Production)
9
10
11
12
(BAT)
10A
ECU-B
11
2
W
6
BT1
4
TY5
5
+B
GND
1
W-B
Y1
PRG
8
A
18
1B1
13
BT1
14
TY5
3
PRG
RDA
7
A
34
1B1
7
BT1
15
TY5
2
RDA
Y2
Door Control Receiver
HAZ
6
A
W
Combination Meter
<5S-1>
H7(A)
Integration Relay
KSW
11
Unlock Warning SW
<7J4-1>
RRCY
9
PCTY
17
DCTY
16
Interior Light
System
<6D-9><6D-12>


(Cont. next page)
Door Lock Control (RHD) (From Dec. 2013 Production until Dec. 2015 Production)
64 HIACE
H7(A) Integration Relay
30A DOOR
7.5A ECU-IG NO.2
L1 Door Lock Assembly (Front LH)
K1 Door Lock Assembly (Front RH)
Power Window Master SW
Door Lock Control SW
Option Connector (TVSS ECU <87-3>)
Junction Connector
*1 : Halogen Headlight w/o Power Slide Door
*2 : LED Headlight, w/ Power Slide Door
*3 : w/ Power Window
*4 : Malaysia w/o Power Window
*5 : Except Malaysia w/o Power Window
*6 : w/o Power Window
*7 : Thailand Long Wheelbase Complete Build-Up Type
*8 : Except Thailand Long Wheelbase Complete Build-Up Type

64 HIACE (Cont' d)

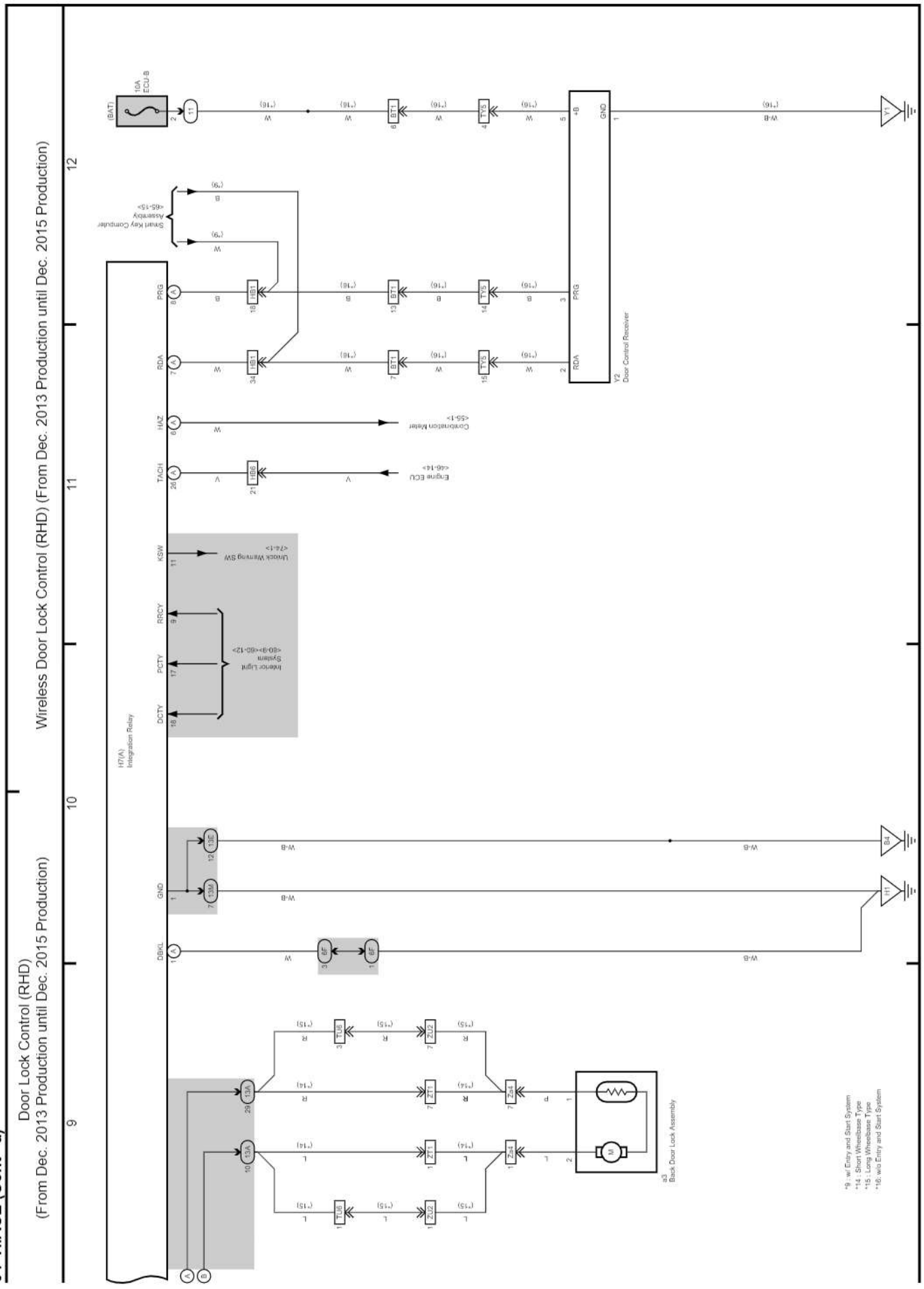
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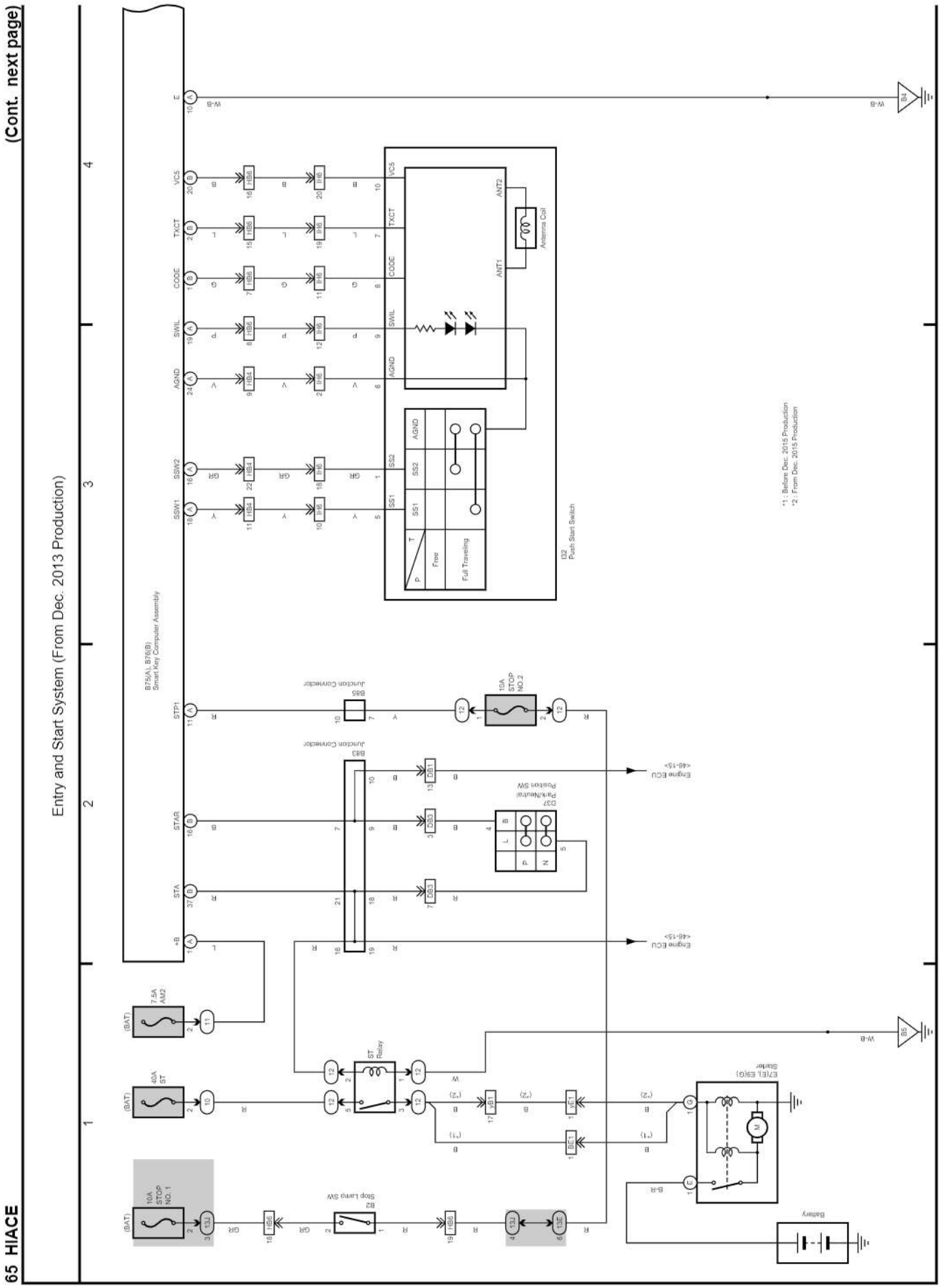


64 HIACE (Cont' d)

Door Lock Control (RHD)
(From Dec. 2013 Production until Dec. 2015 Production)

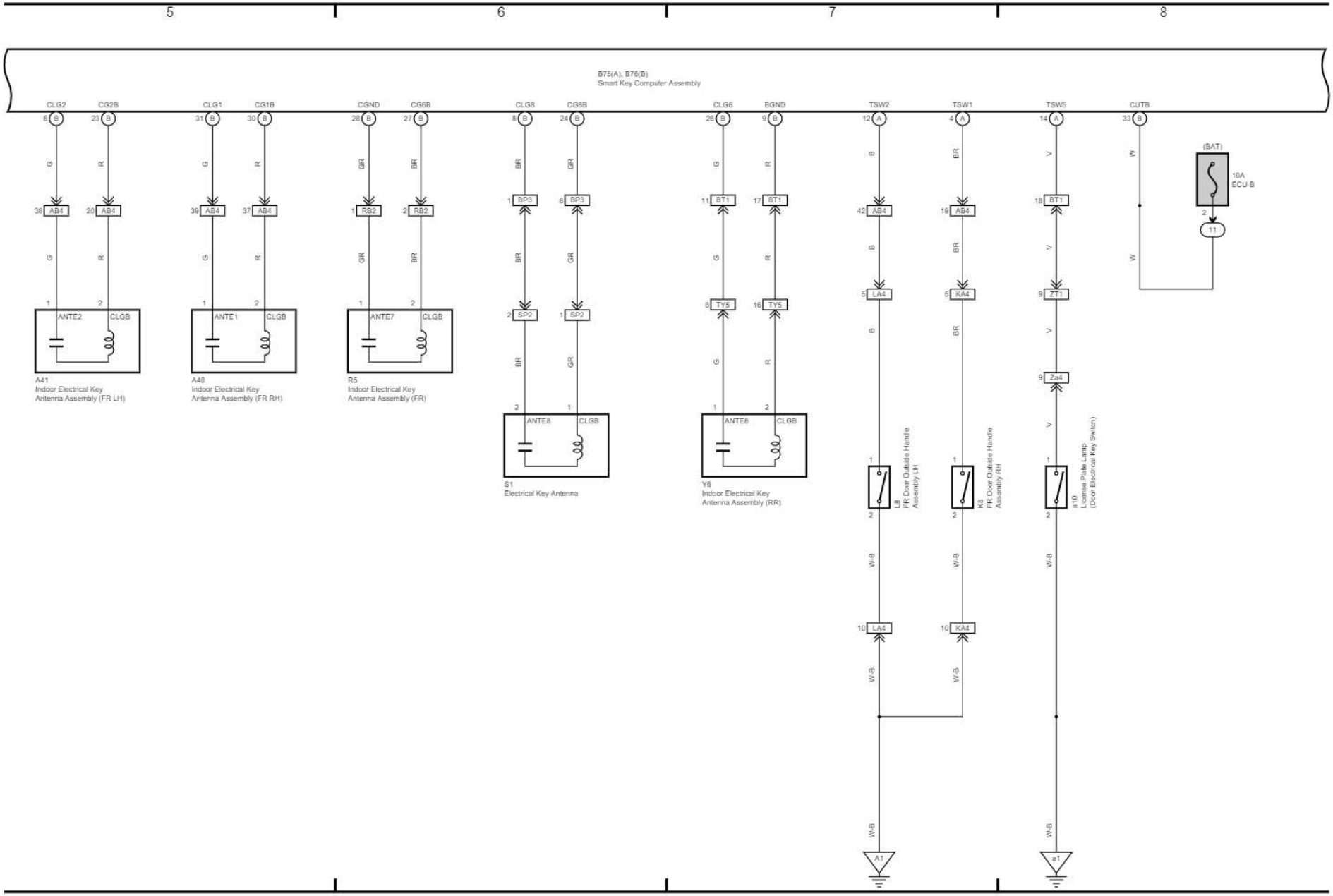
Wireless Door Lock Control (RHD) (From Dec. 2013 Production until Dec. 2015 Production)

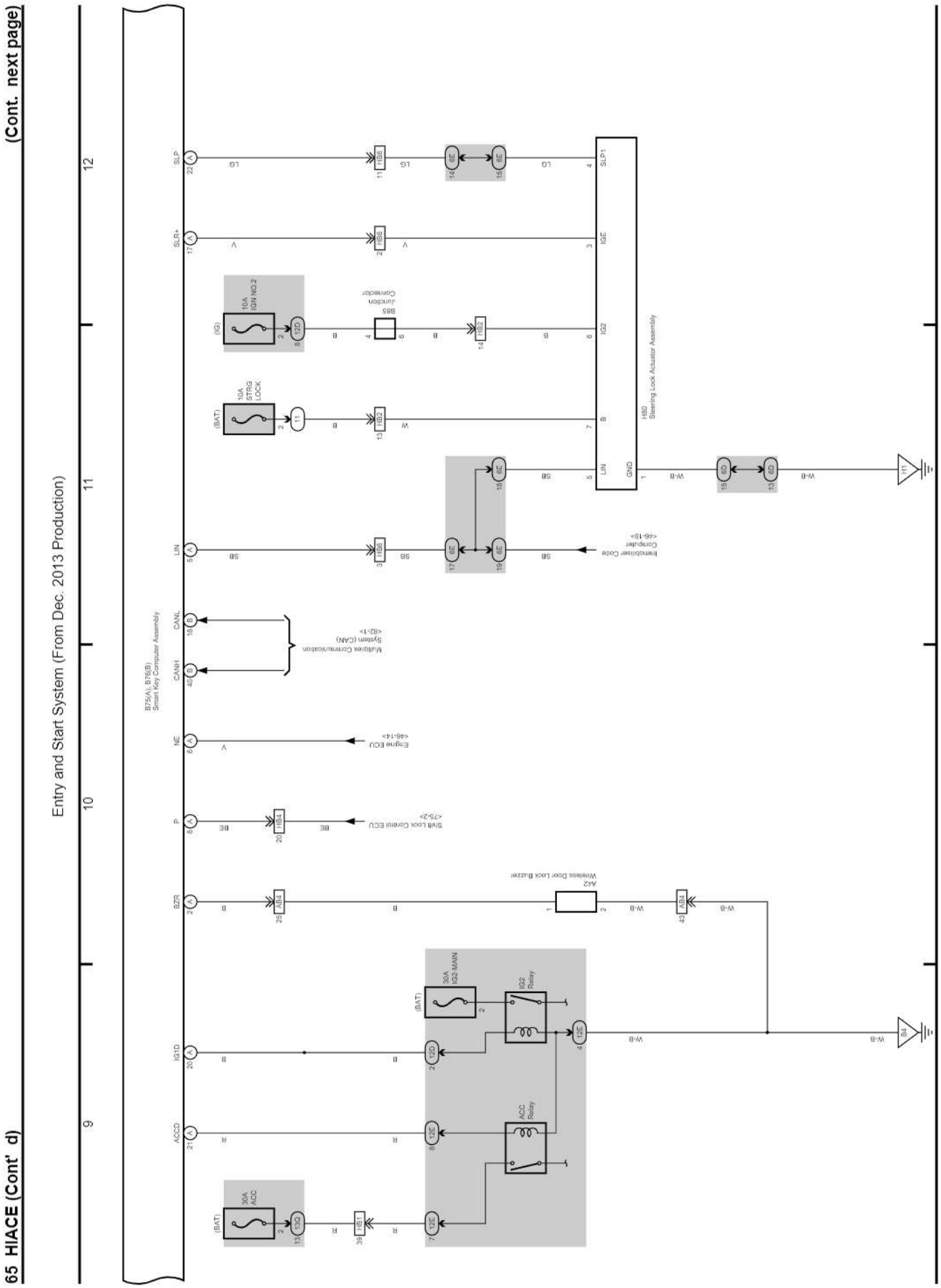



(Cont. next page)
Entry and Start System (From Dec. 2013 Production)
B75(A), B76(B)
Smart Key Computer Assembly
E
VCS
TXCT
CODE
SWIL
AGND
SSW2
SSW1
STP1
STAR
STA
+B
ANT2
ANT1
Antenna Coil
D2
Push Start Switch
AGND
SS2
SS1
Free
Full Traveling
*1 : Before Dec. 2015 Production
*2 : From Dec. 2015 Production
Junction Connector
B85
B83
10A
STOP
NO.2
10A
STOP
NO.1
7.5A
AM2
40A
ST
ST
Relay
D32
Park/Neutral
Position SW
Stop Lamp SW
B2
Engine ECU
<48-15>
E/(E1, E9(G)
Starter
Battery
(BAT)
W-B
B4
B5
65 HIACE

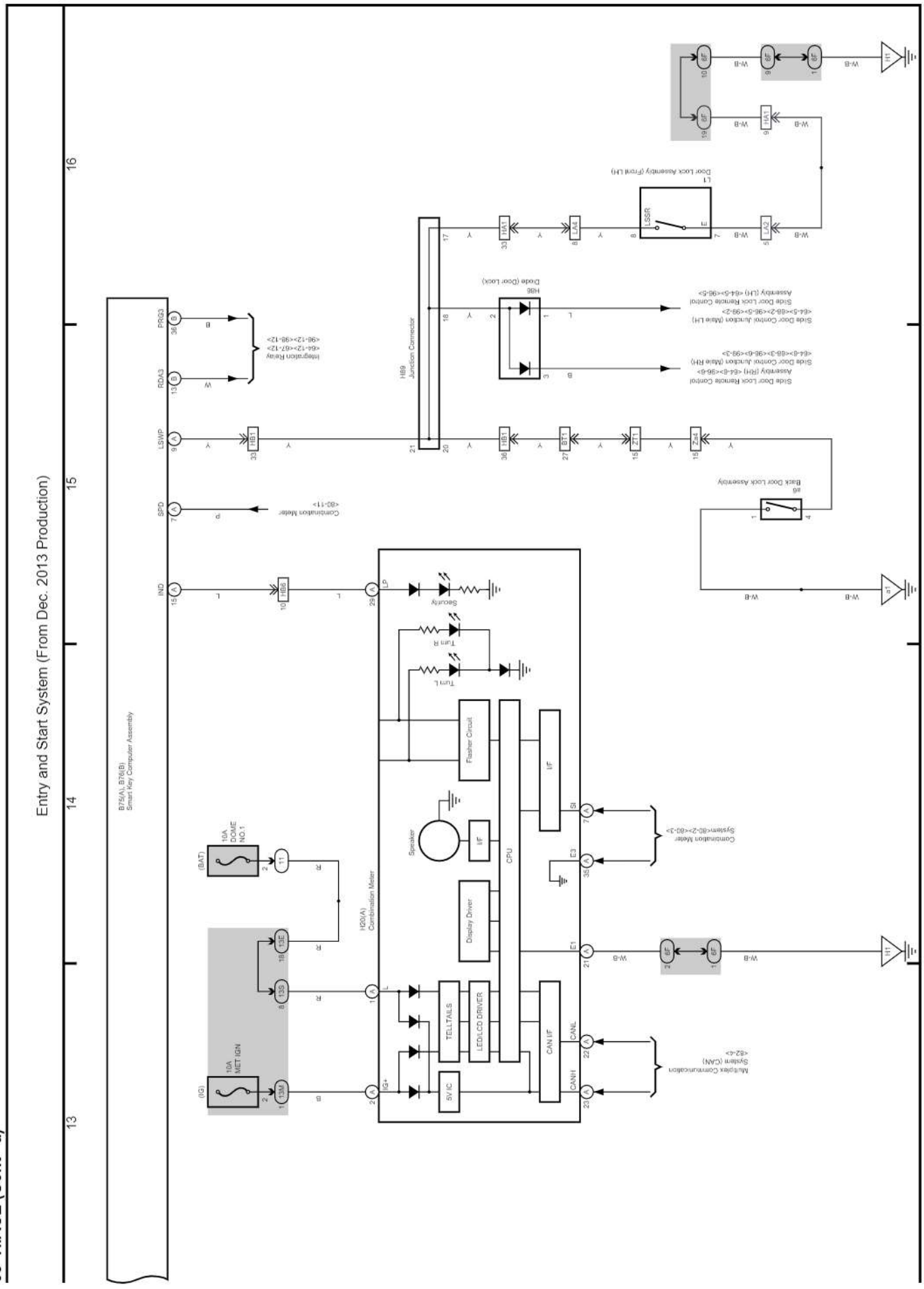
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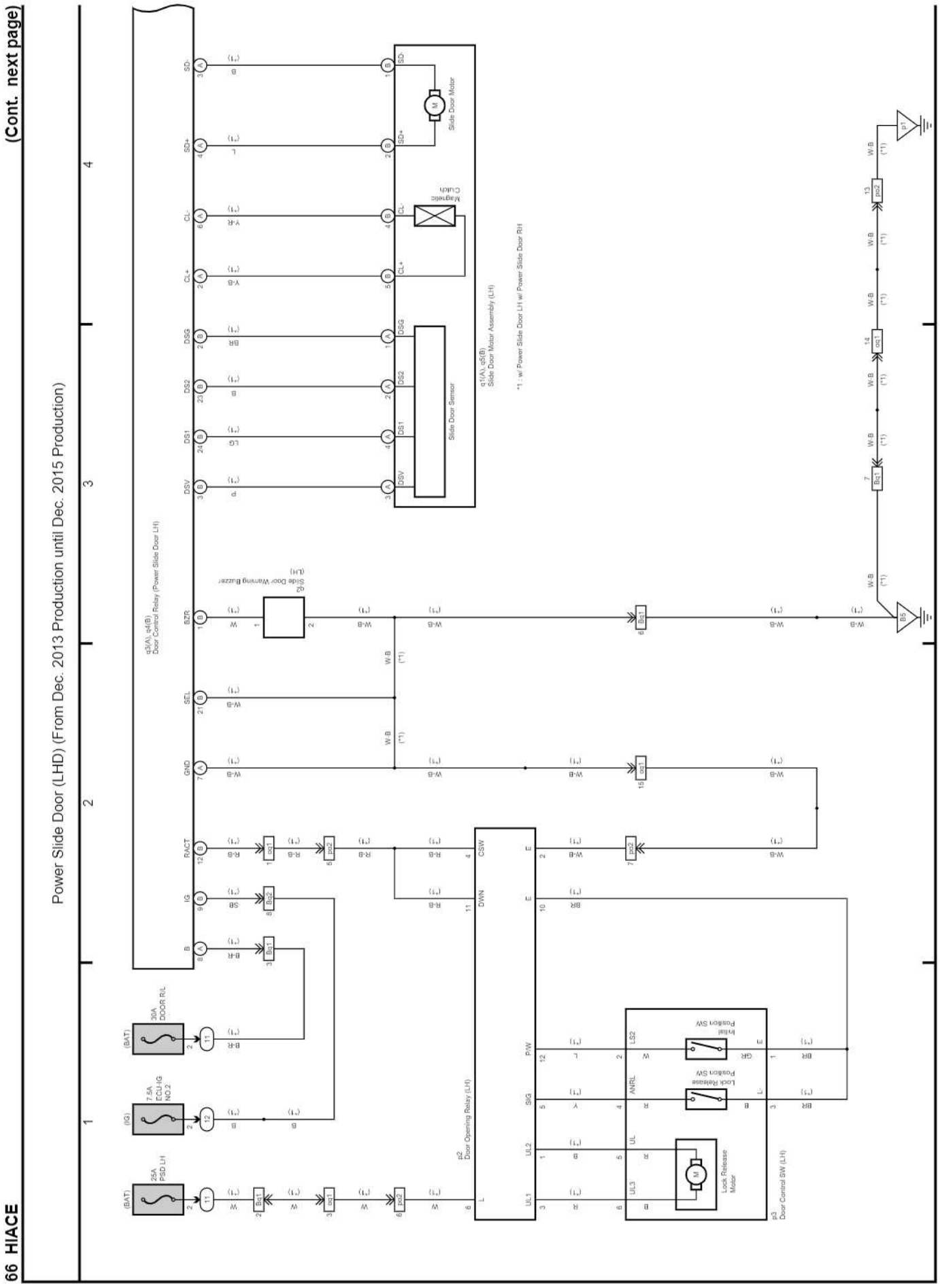
Entry and Start System (From Dec. 2013 Production)




65 HIACE (Cont' d)
(Cont. next page)
Entry and Start System (From Dec. 2013 Production)
9
10
11
12
B75(A), B76(B)
Smart Key Computer Assembly
SLP
SLR+
LIN
CANL
CANH
NE
P
BZR
IG1D
ACCD
10A IGN NO.2
10A STRG LOCK
30A ACC
30A IG2-MAIN
IG2 Relay
ACC Relay
Junction Connector
H80
Steering Lock Actuator Assembly
SLP1
IGE
IG2
B
LIN
GND
Immobiliser Code Computer
<46-18>
Multiplex Communication System (CAN)
<82-1>
Engine ECU
<46-14>
Shift Lock Control ECU
<75-2>
A42
Wireless Door Lock Buzzer

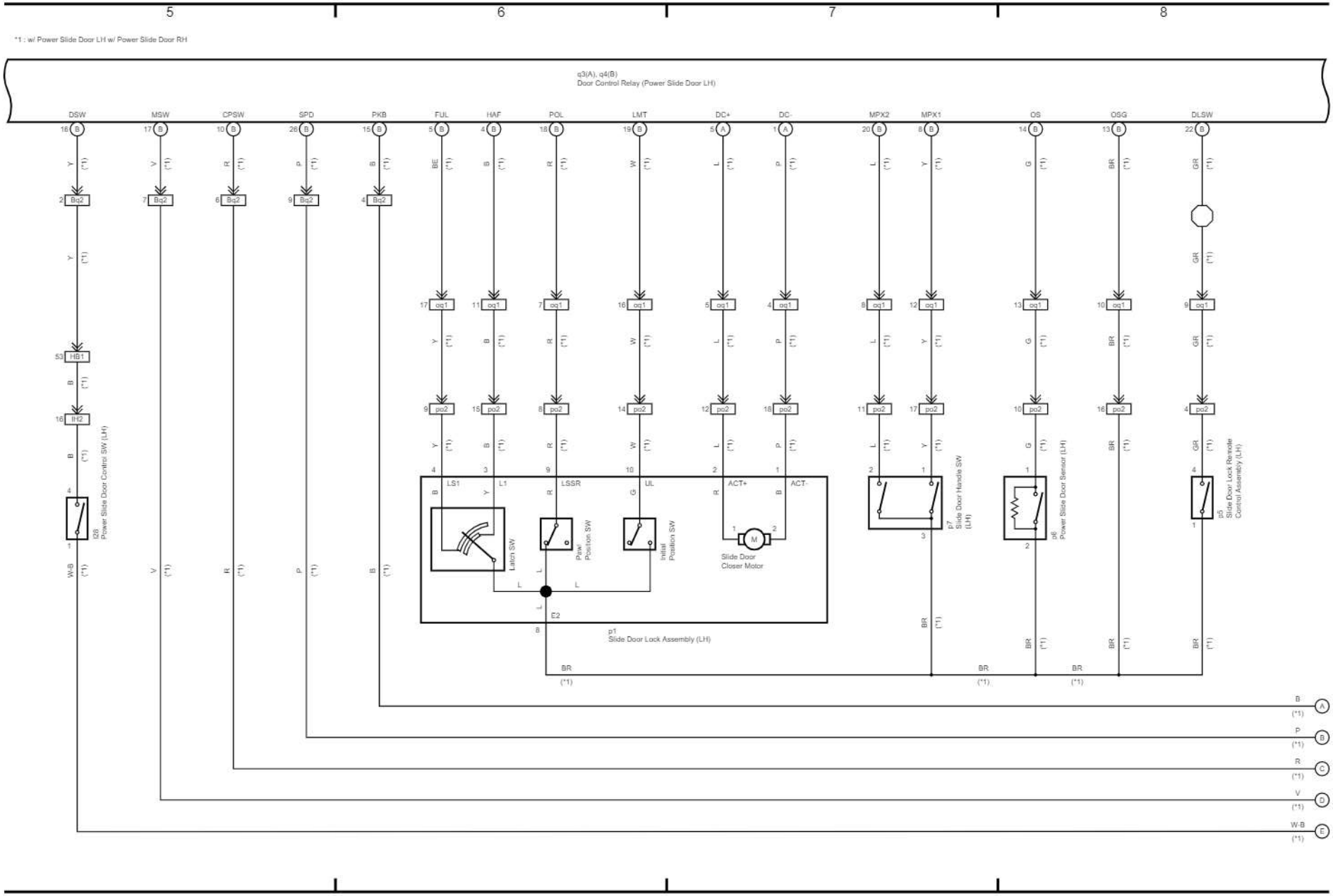
65 HIACE (Cont' d)

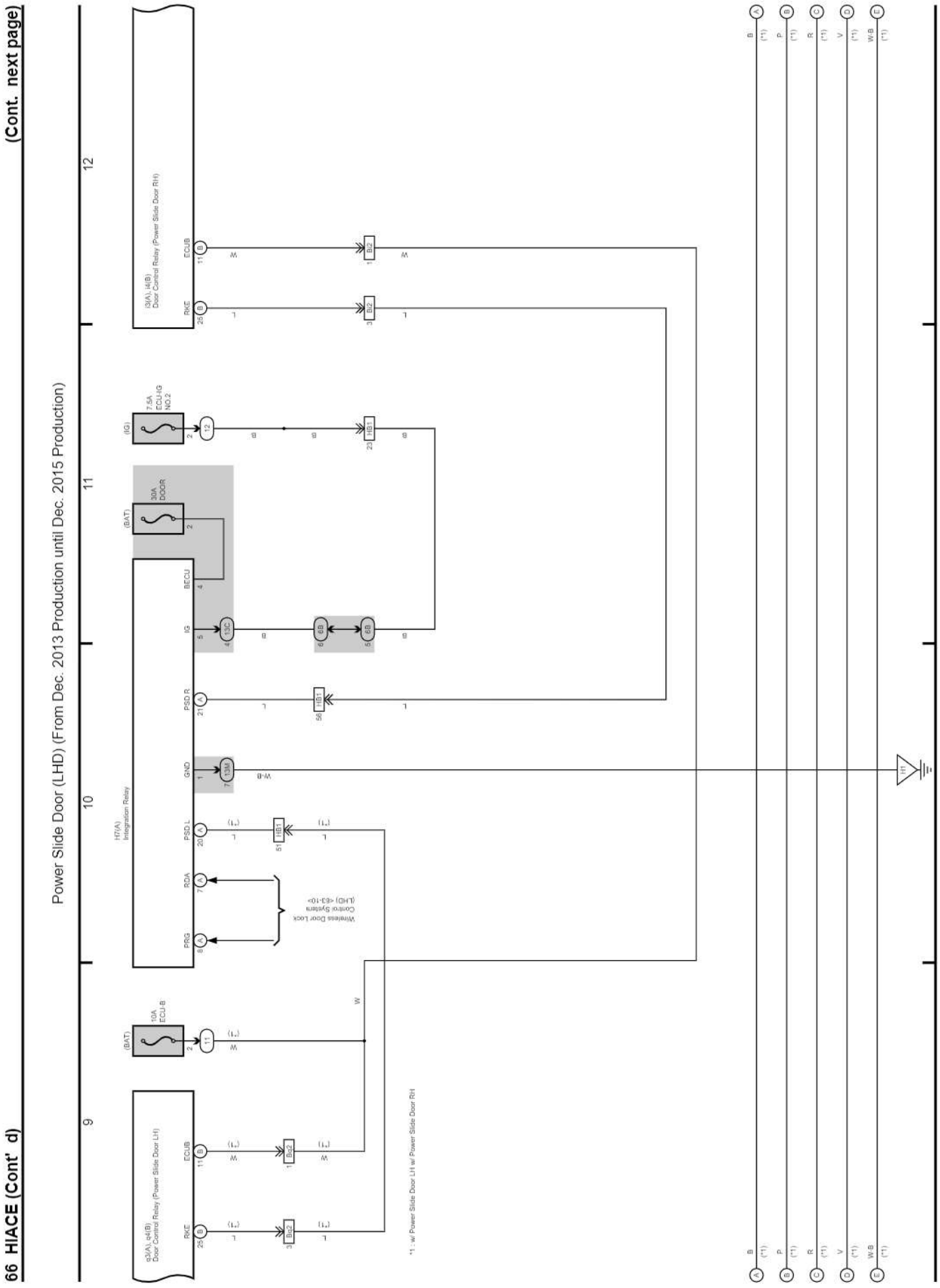



(Cont. next page)
Power Slide Door (LHD) (From Dec. 2013 Production until Dec. 2015 Production)
66 HIACE
q3(A), q4(B)
Door Control Relay (Power Slide Door LH)
q1(A), q5(B)
Slide Door Motor Assembly (LH)
*1 : w/ Power Slide Door LH w/ Power Slide Door RH
Slide Door Motor
Magnetic Clutch
Slide Door Sensor
q2
Slide Door Warning Buzzer (LH)
30A DOOR R/L
7.5A ECU-IG NO.2
25A PSD LH
q2
Door Opening Relay (LH)
p3
Door Control SW (LH)
Lock Release Motor
Latch Position SW
Lock Release Position SW
(BAT)
(IG)
SD-
SD+
CL-
CL+
DSG
DS2
DS1
DSV
BZR
SEL
GND
RACT
IG
B
CSW
DWN
P/W
SIG
UL2
UL1
LS2
ANRL
UL
UL3

(Cont. next page)

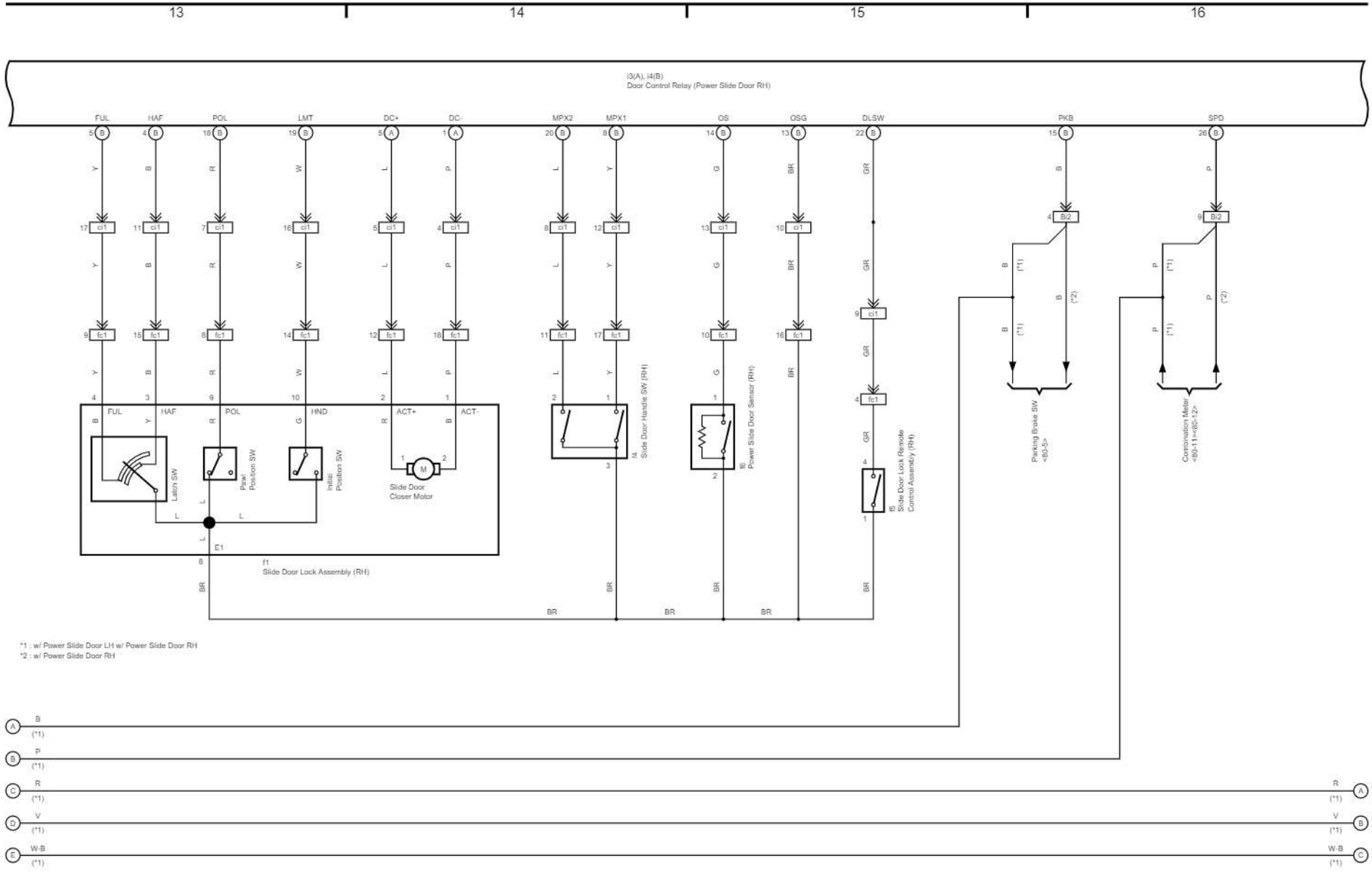
Power Slide Door (LHD) (From Dec. 2013 Production until Dec. 2015 Production)



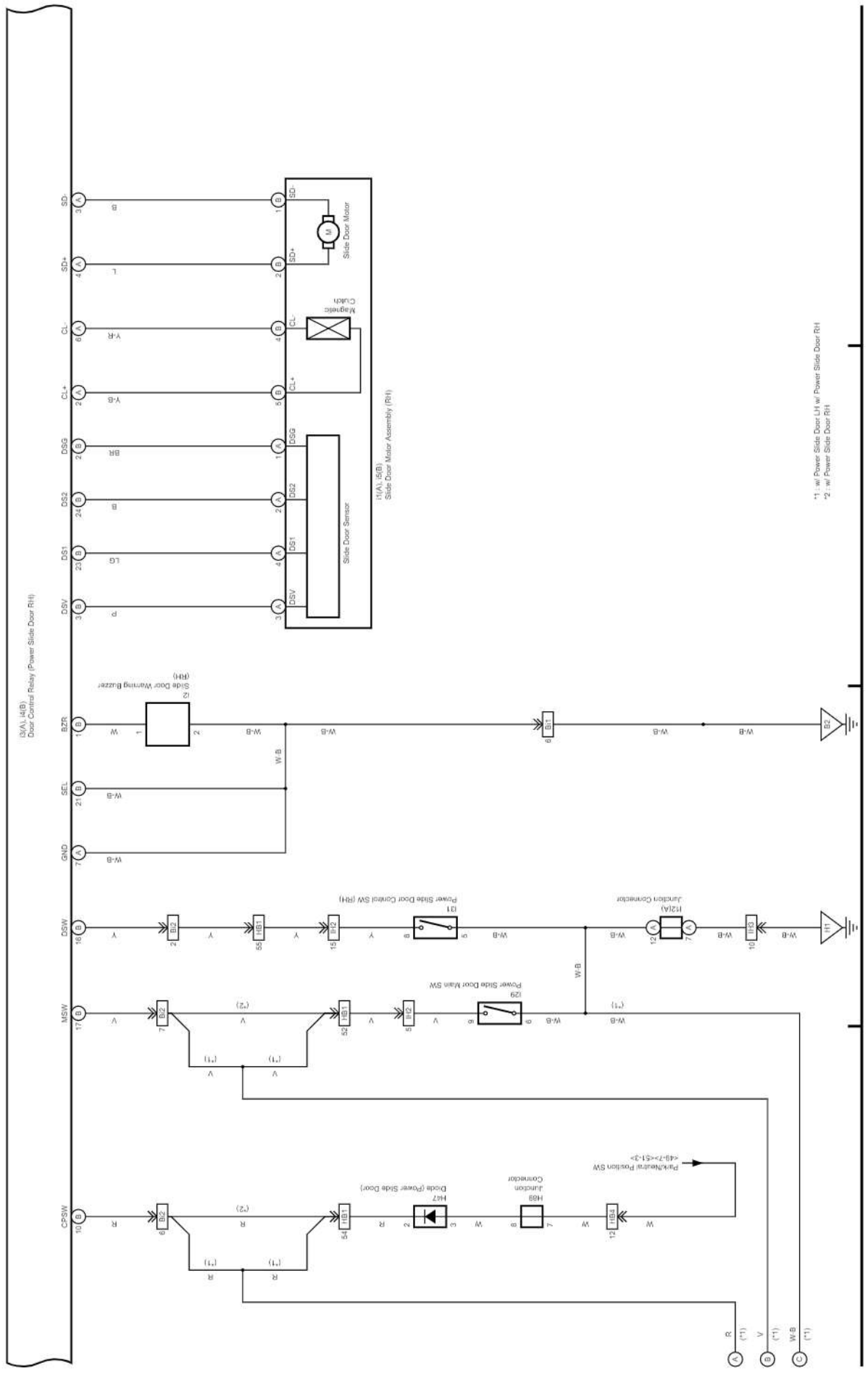

66 HIACE (Cont' d)
(Cont. next page)
Power Slide Door (LHD) (From Dec. 2013 Production until Dec. 2015 Production)
9
10
11
12
(BAT)
10A ECU-B
(IG)
7.5A ECU-IG NO.2
(BAT)
30A DOOR
HT(A) Integration Relay
BECU
IG
PSD R
GND
PSD L
RDA
PRG
Wireless Door Lock Control System (LHD) <63-10>
q3(A), q4(B) Door Control Relay (Power Slide Door LH)
ECUB
RKE
q3(A), l4(B) Door Control Relay (Power Slide Door RH)
*1 : w/ Power Slide Door LH w/ Power Slide Door RH

(Cont. next page)

Power Slide Door (LHD) (From Dec. 2013 Production until Dec. 2015 Production)

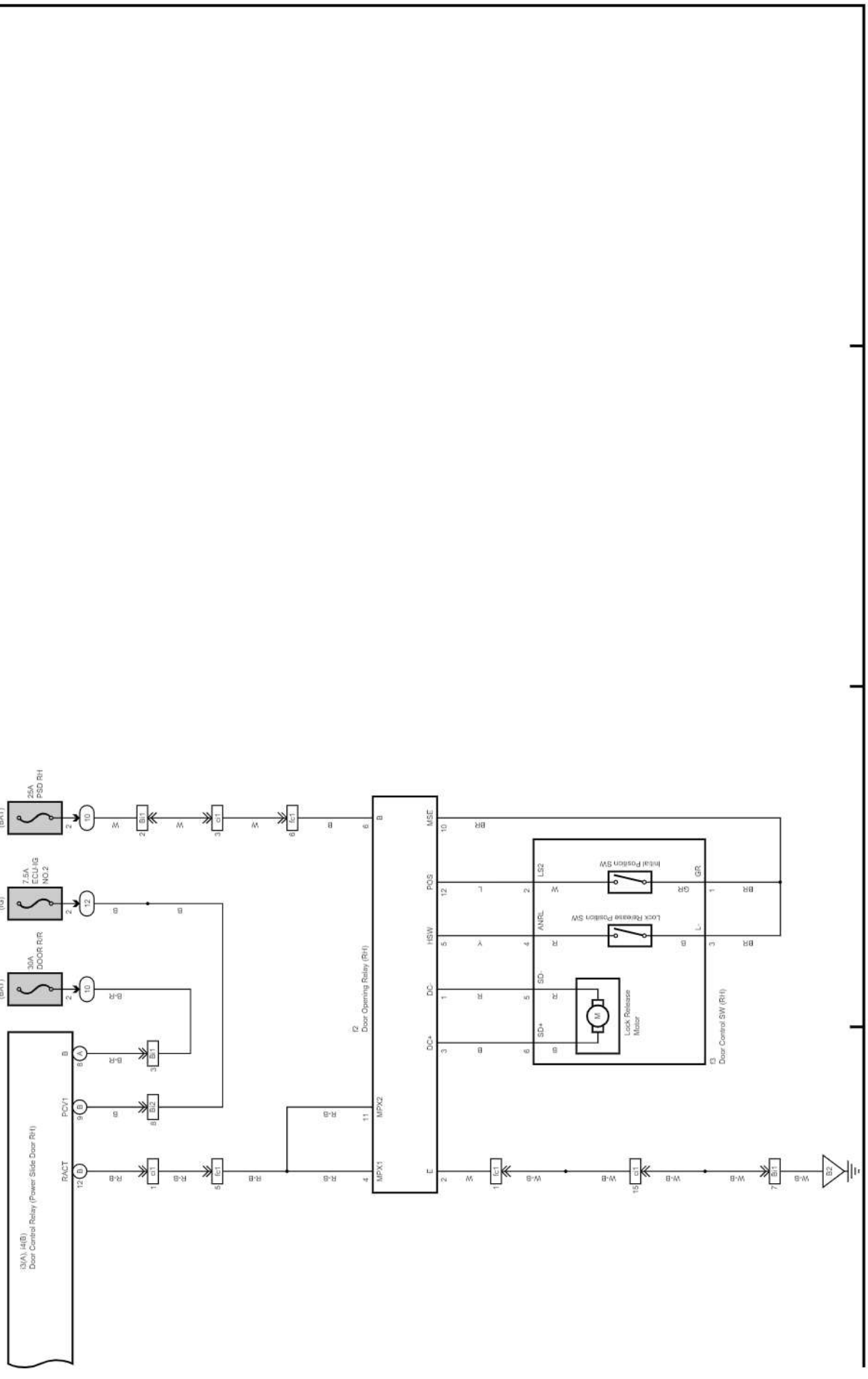


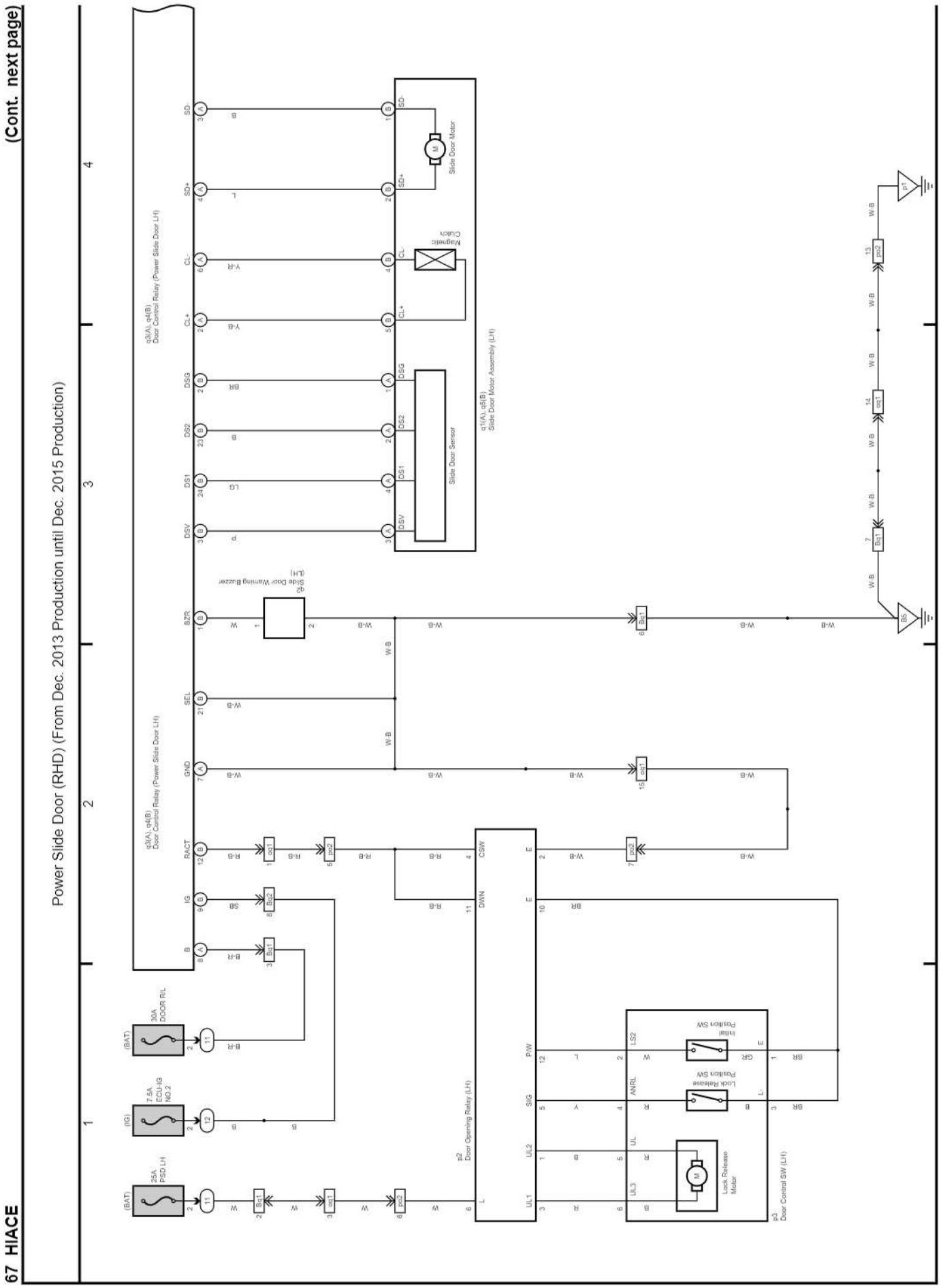
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66 HIACE (Cont' d)

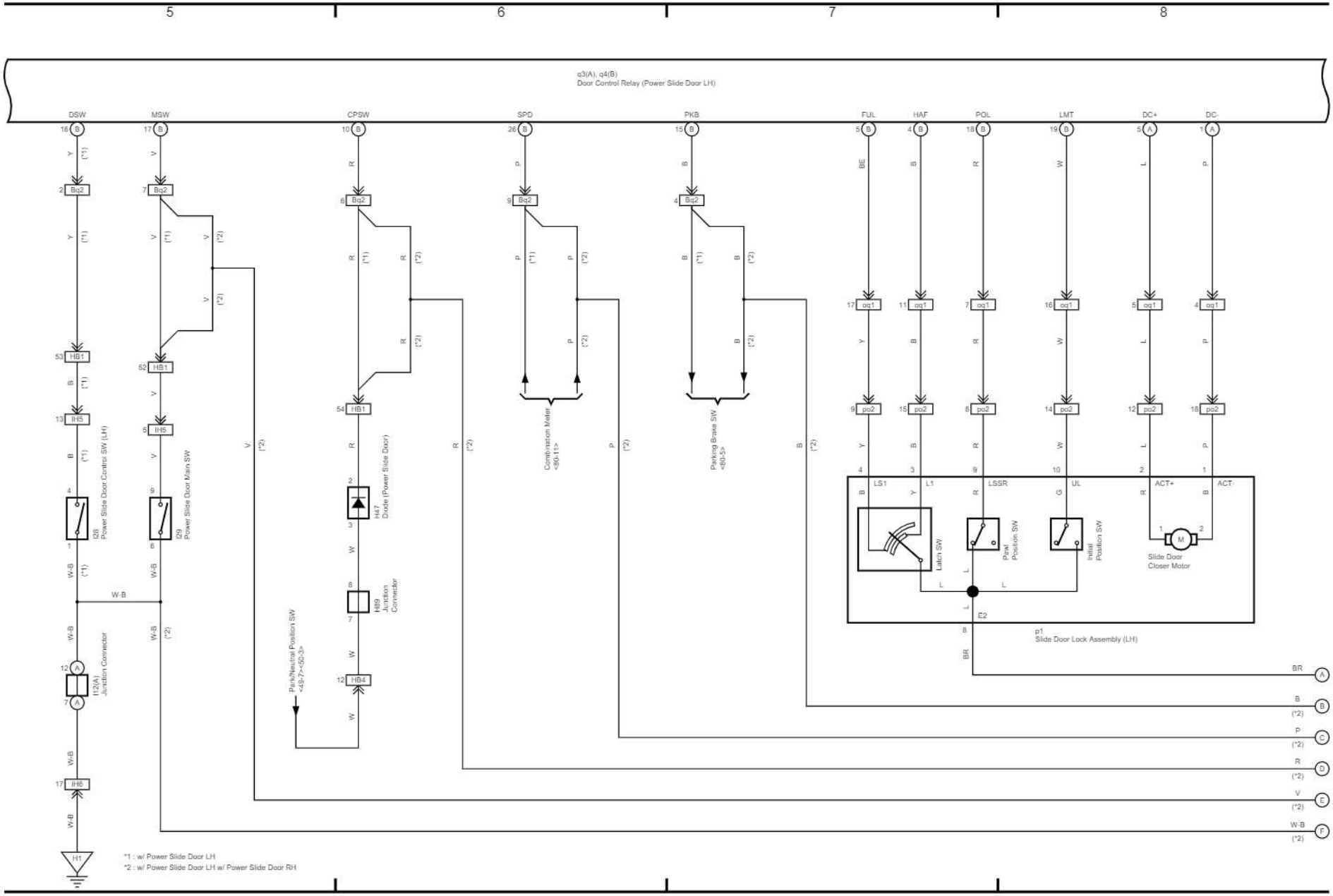
Power Slide Door (LHD) (From Dec. 2013 Production until Dec. 2015 Production)




(Cont. next page)
Power Slide Door (RHD) (From Dec. 2013 Production until Dec. 2015 Production)
67 HIACE
d3(A), q4(B)
Door Control Relay (Power Slide Door LH)
q1(A), q5(B)
Slide Door Motor Assembly (LH)
Slide Door Motor
Magnetic Cluch
Slide Door Sensor
q2
Slide Door Warning Buzzer (LH)
p2
Door Opening Relay (LH)
p3
Door Control SW (LH)
Lock Release Motor
Inner Position SW
Lock Release Position SW
(BAT)
30A DOOR R/L
(IG)
7.5A ECU-IG NO.2
25A PSD LH
B5
p1

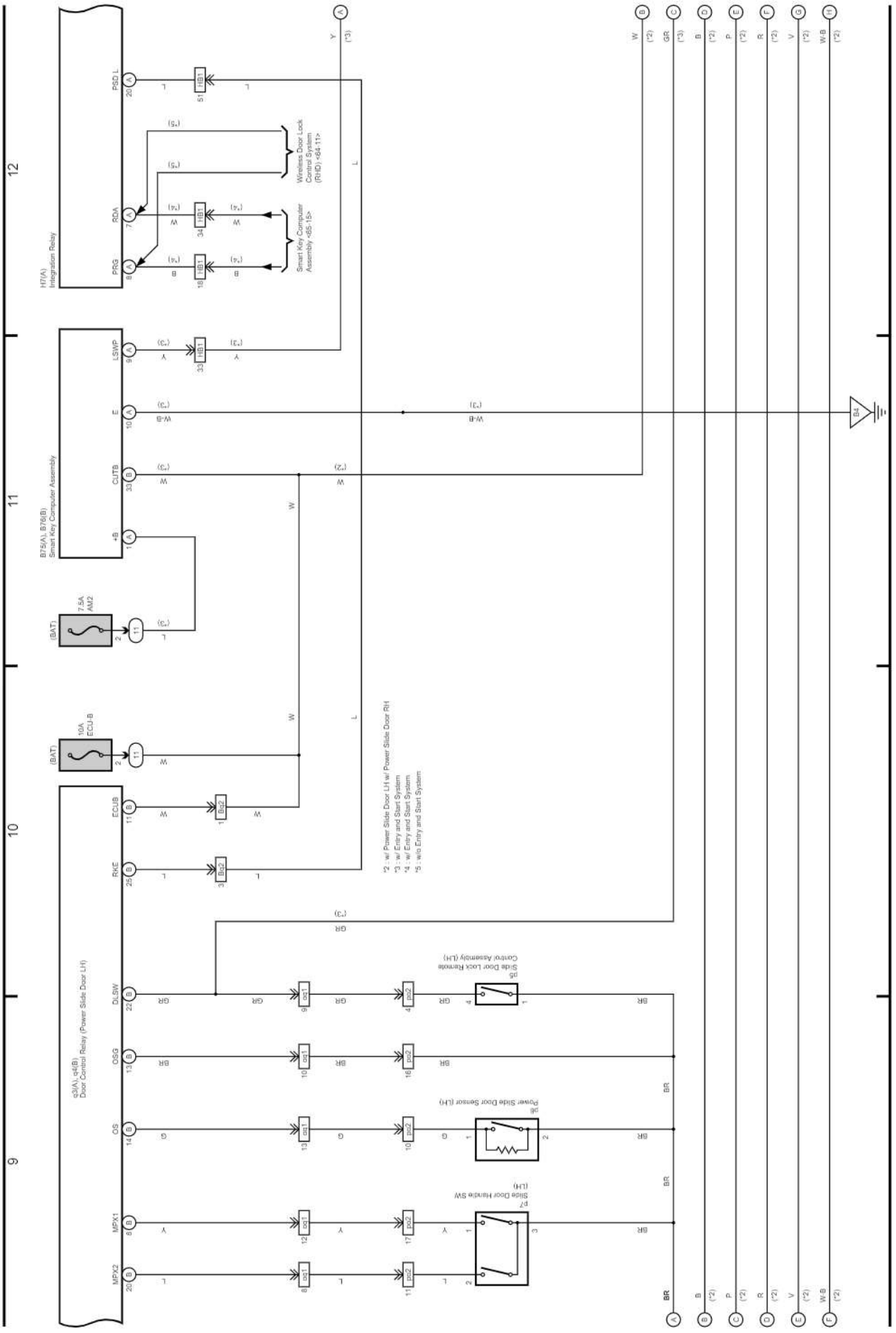
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Power Slide Door (RHD) (From Dec. 2013 Production until Dec. 2015 Production)



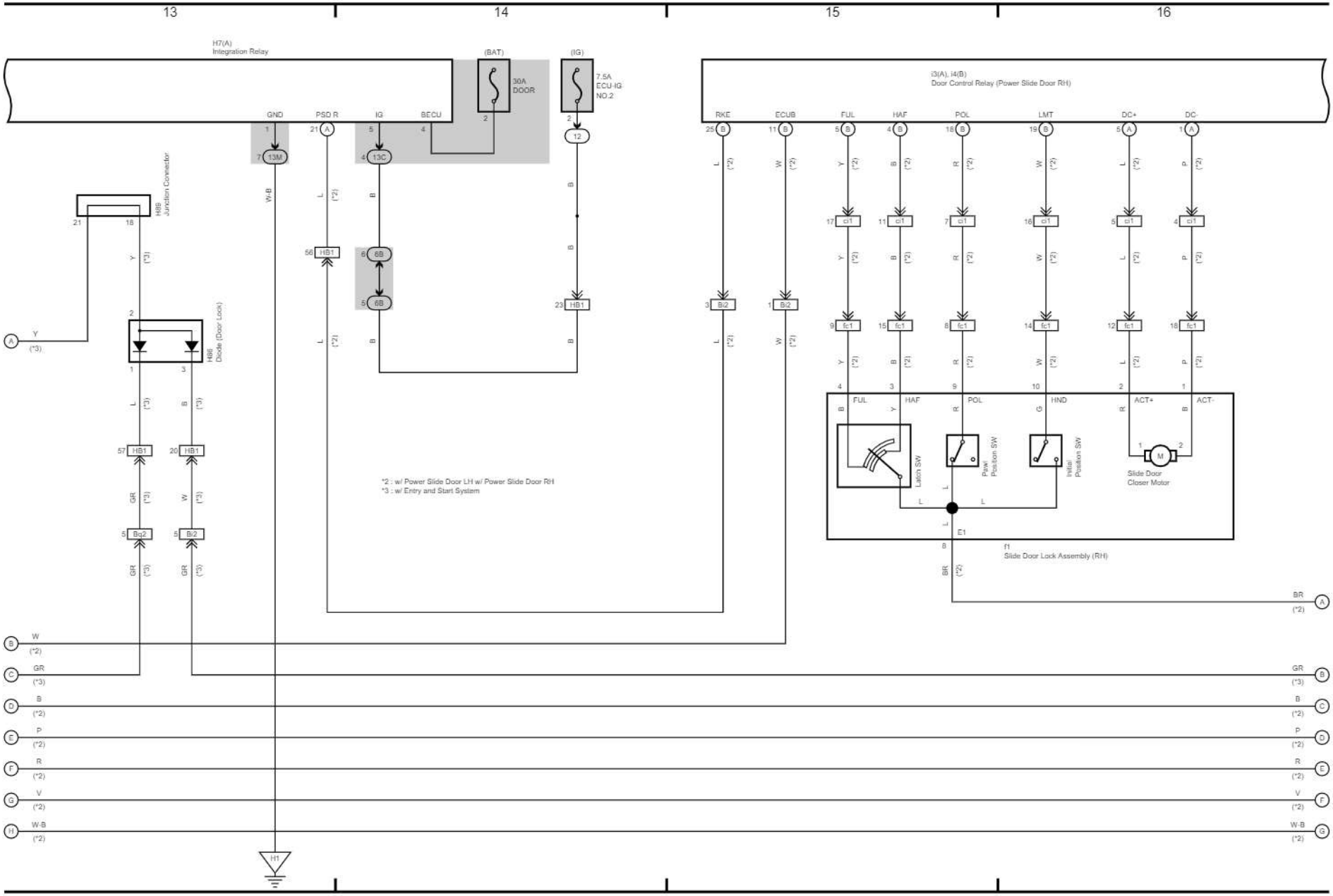
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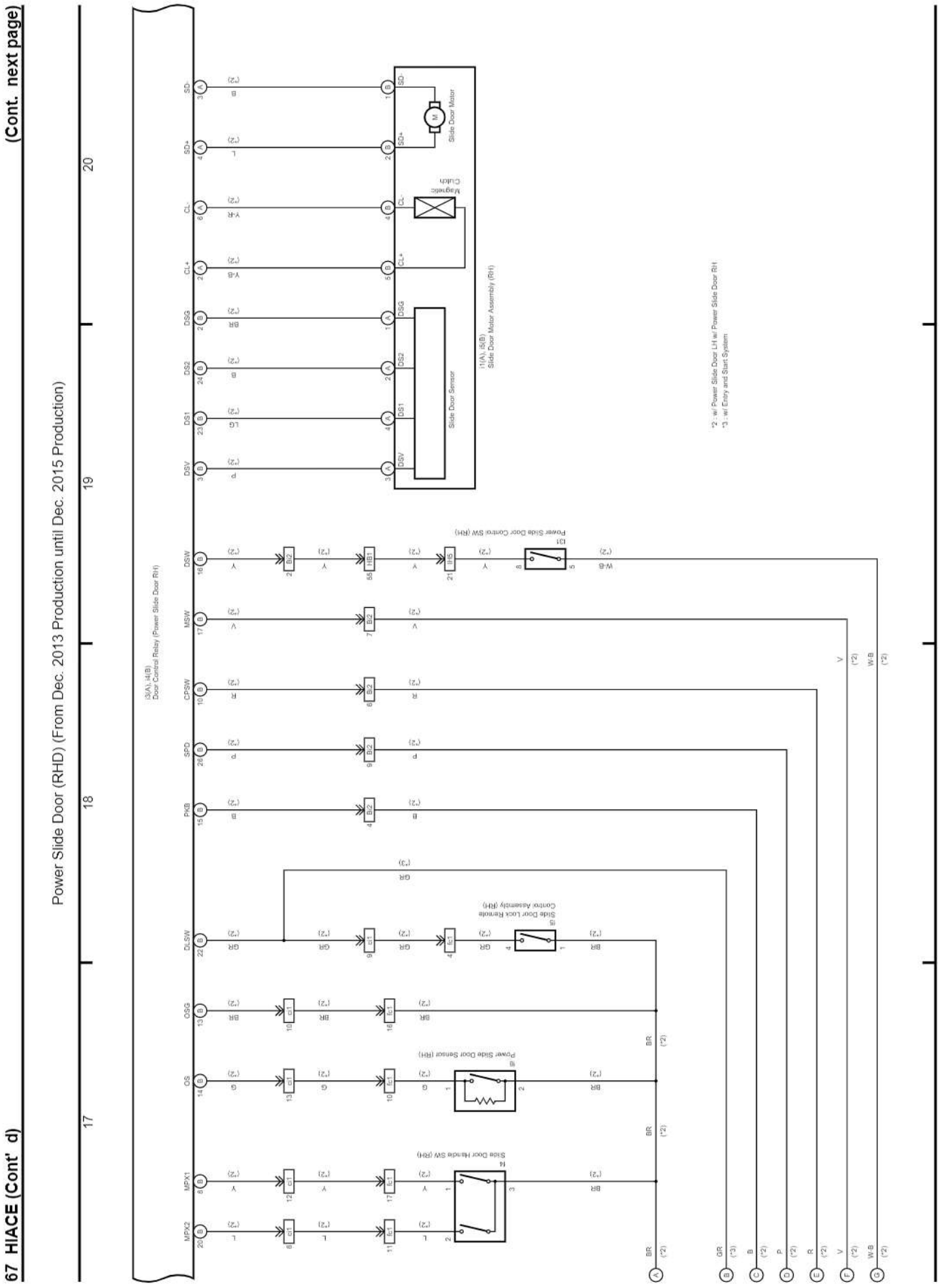
67 HIACE (Cont' d)



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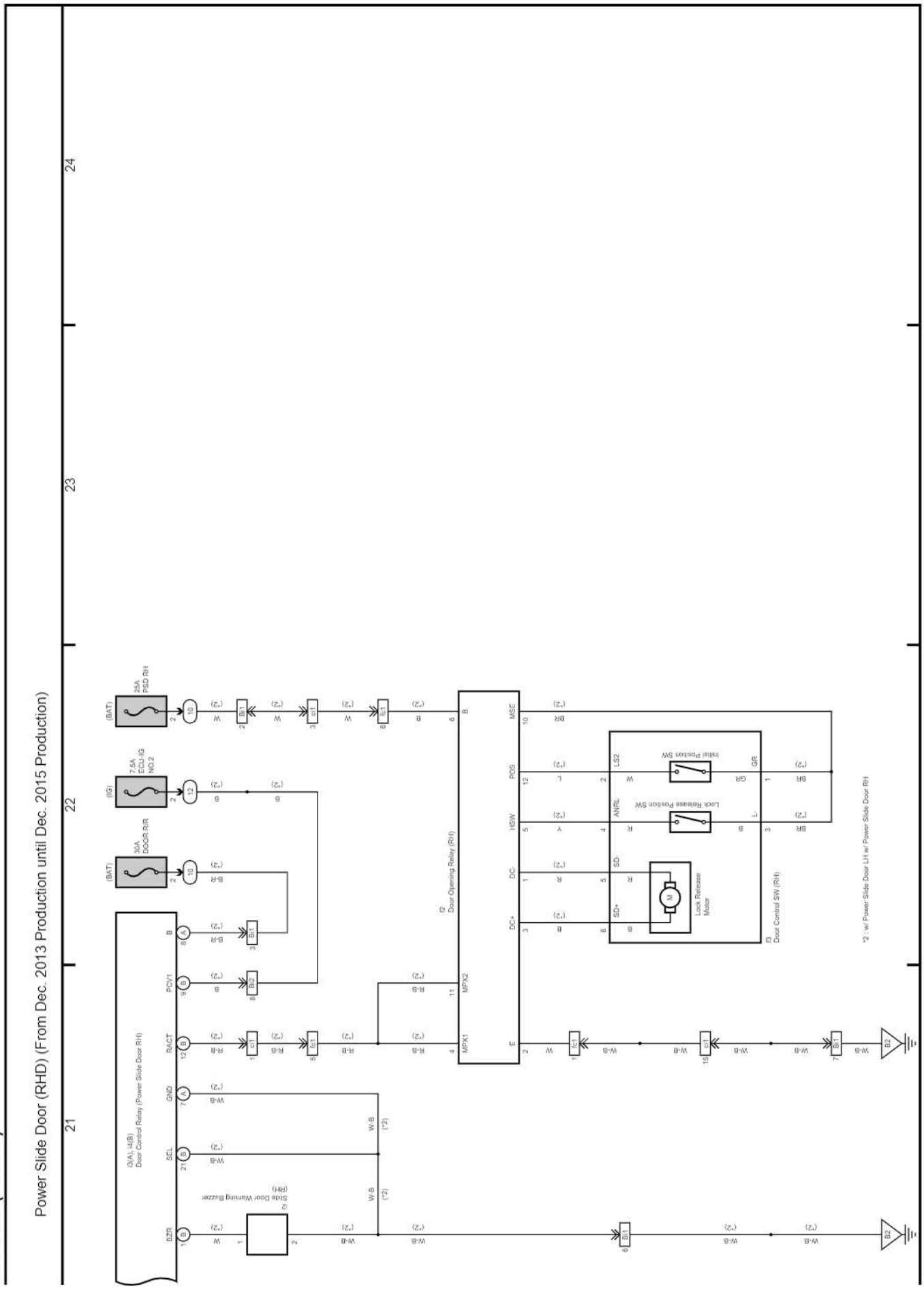
Power Slide Door (RHD) (From Dec. 2013 Production until Dec. 2015 Production)

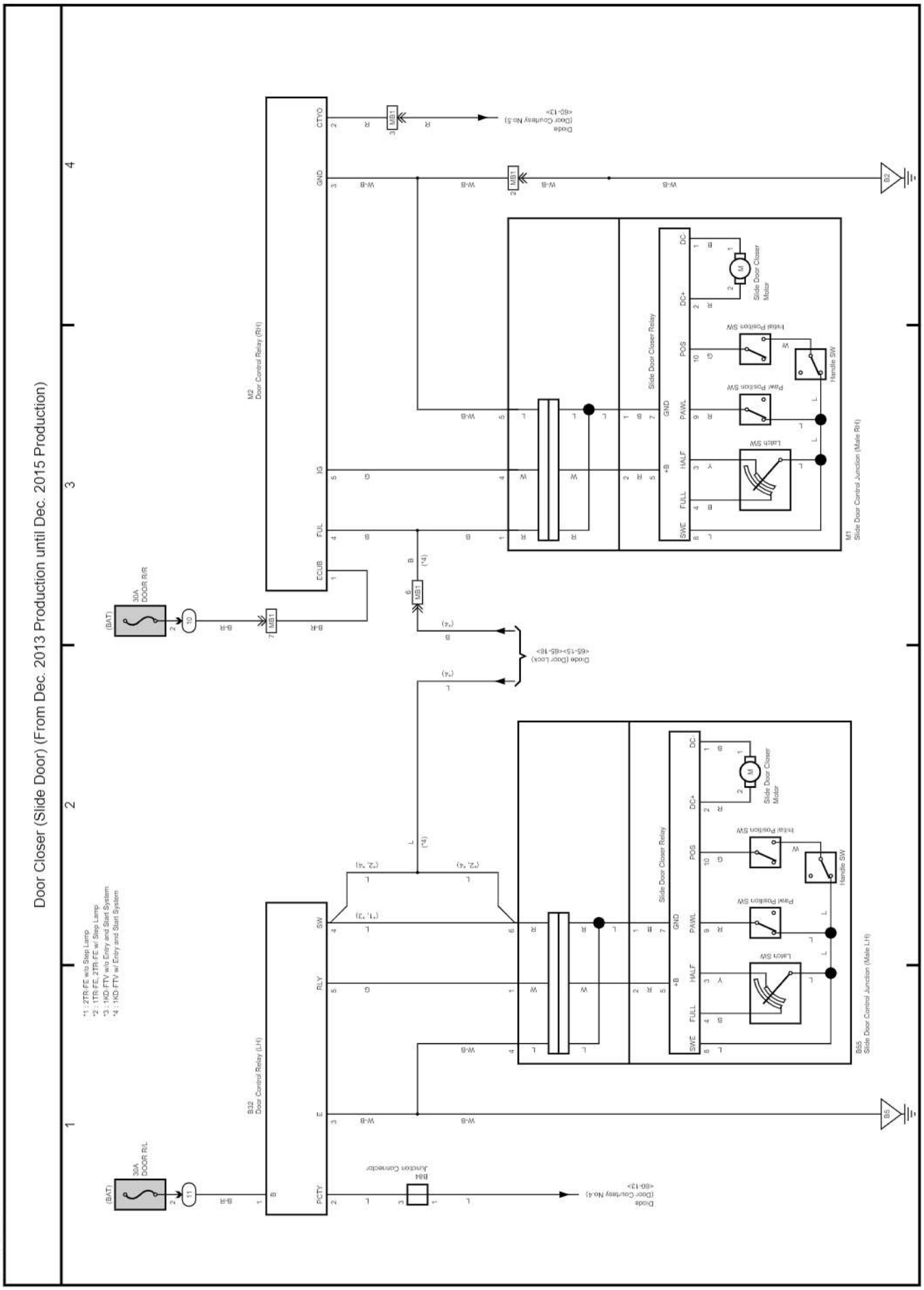


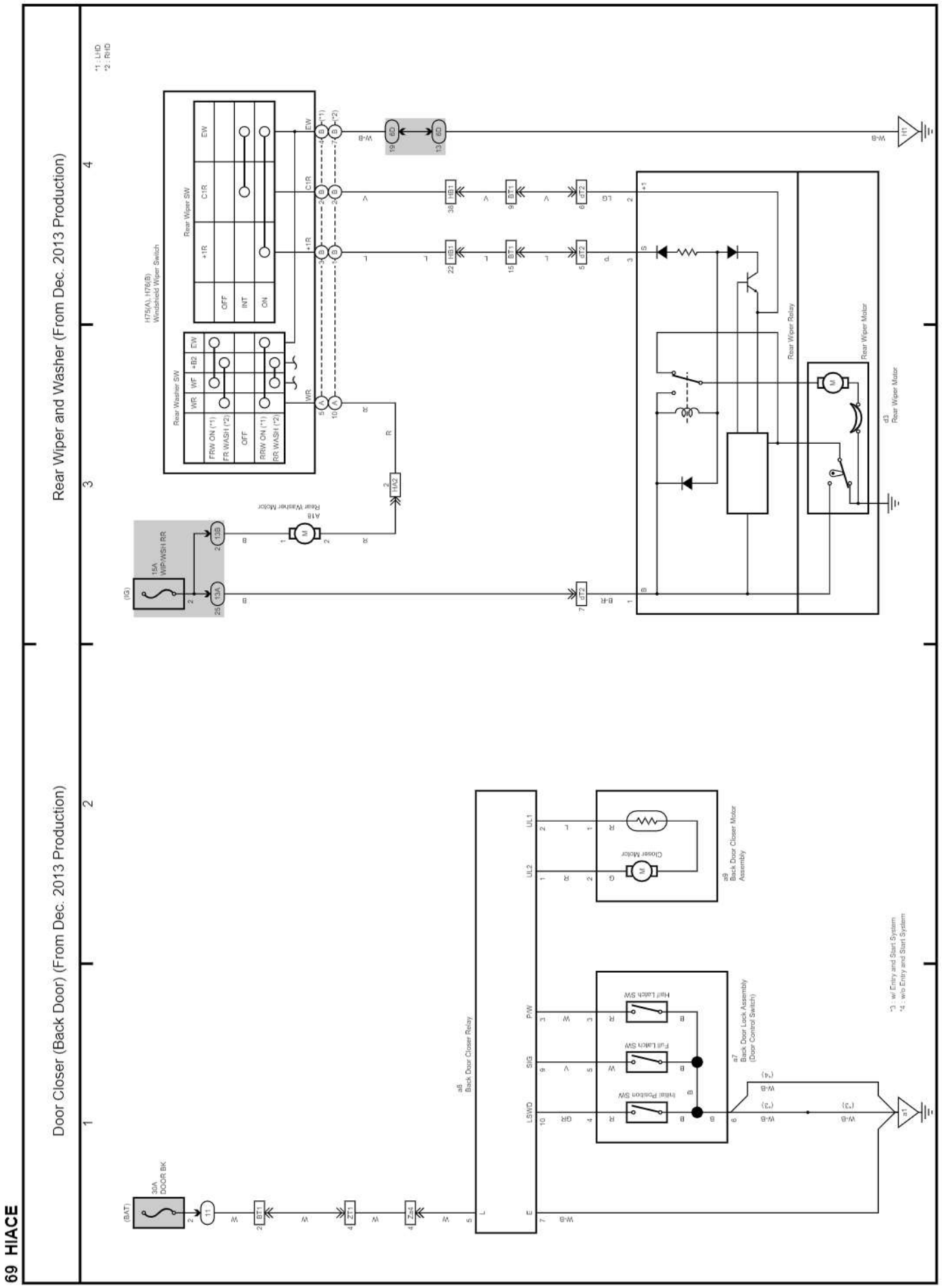

67 HIACE (Cont' d)
(Cont. next page)
Power Slide Door (RHD) (From Dec. 2013 Production until Dec. 2015 Production)
17
18
19
20
SD-
SD+
CL-
CL+
DSG
DS2
DS1
DSV
DSW
MSW
CPSW
SPD
PKB
DLSW
OSG
OS
MPX1
MPX2
Slide Door Motor
Magnetic Clutch
Slide Door Sensor
i1(A), i5(B)
Slide Door Motor Assembly (RH)
Power Slide Door Control SW (RH)
i3
Slide Door Lock Remote Control Assembly (RH)
i5
Power Slide Door Sensor (RH)
i6
Slide Door Handle SW (RH)
i4
i3(A), i4(B)
Door Control Relay (Power Slide Door RH)
*2 : w/ Power Slide Door LH w/ Power Slide Door RH
*3 : w/ Entry and Start System

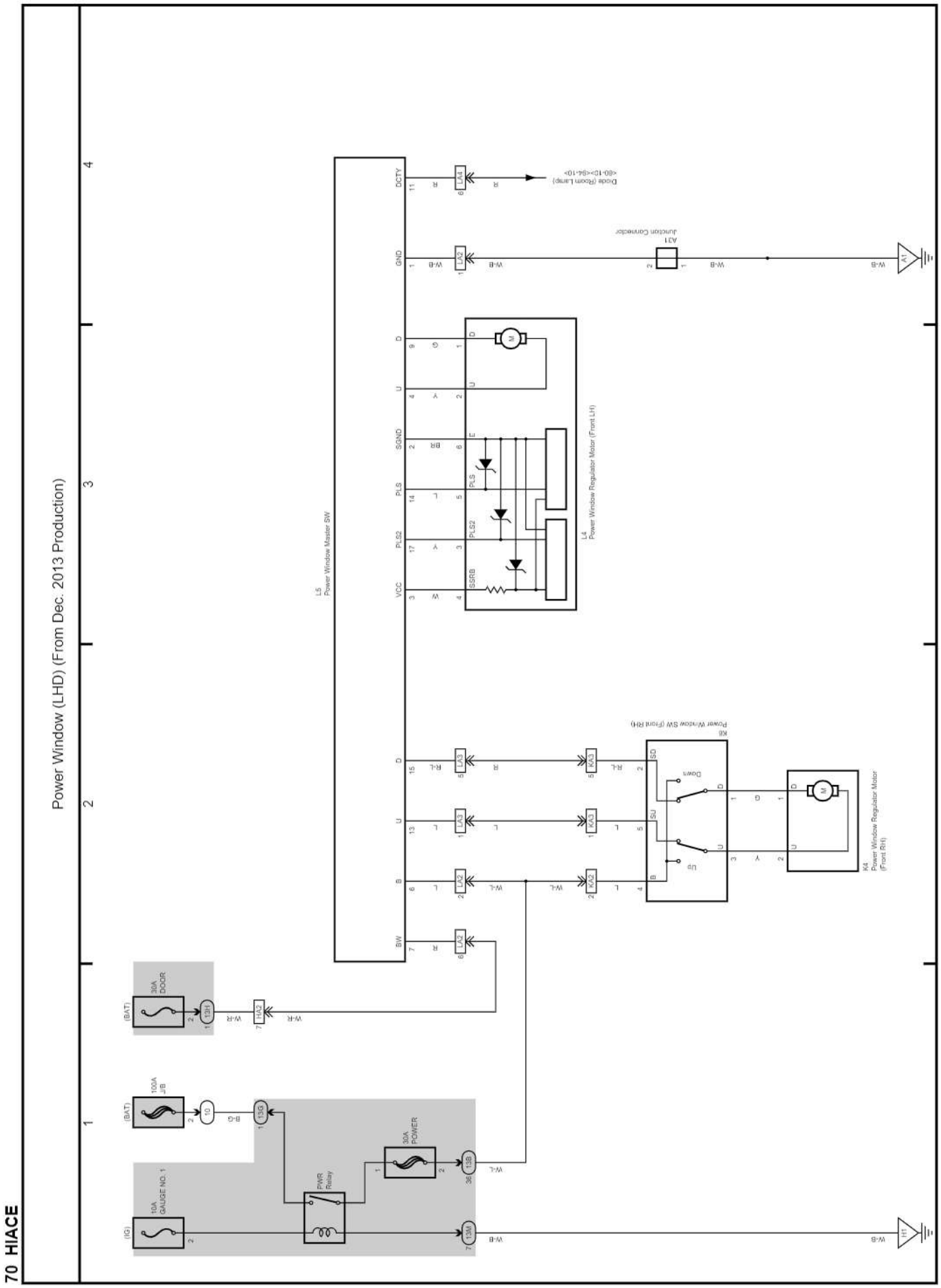
67 HIACE (Cont' d)

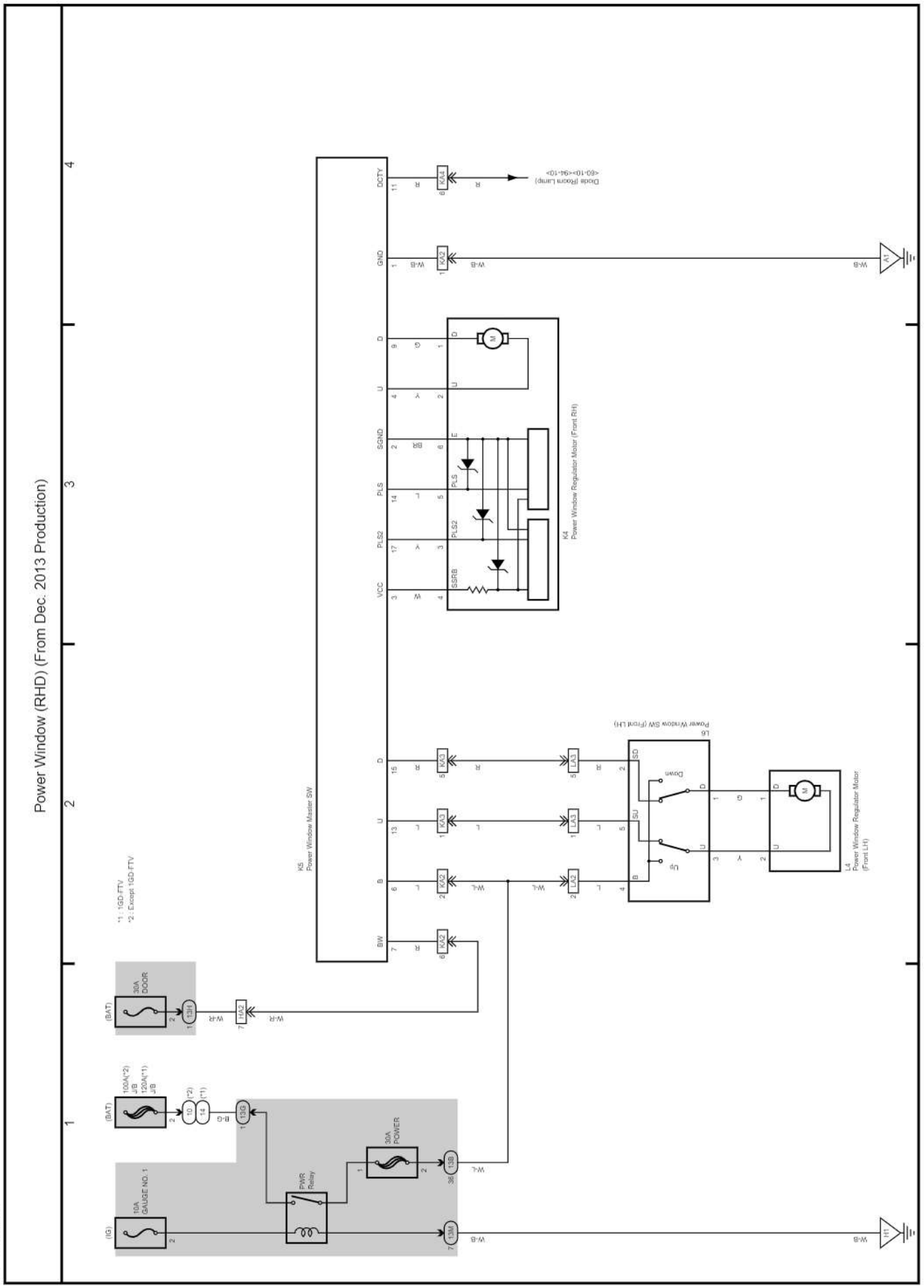
Power Slide Door (RHD) (From Dec. 2013 Production until Dec. 2015 Production)

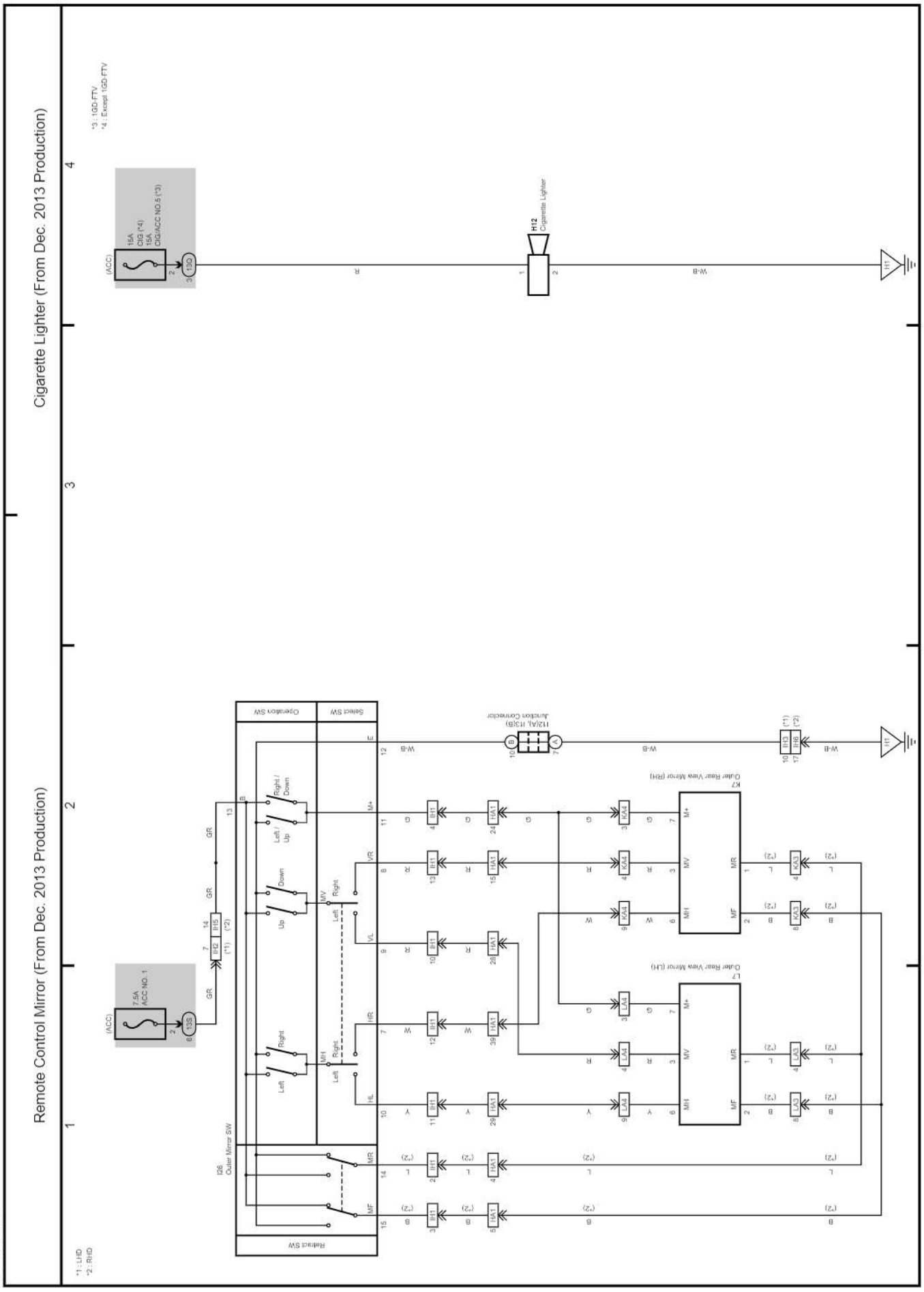


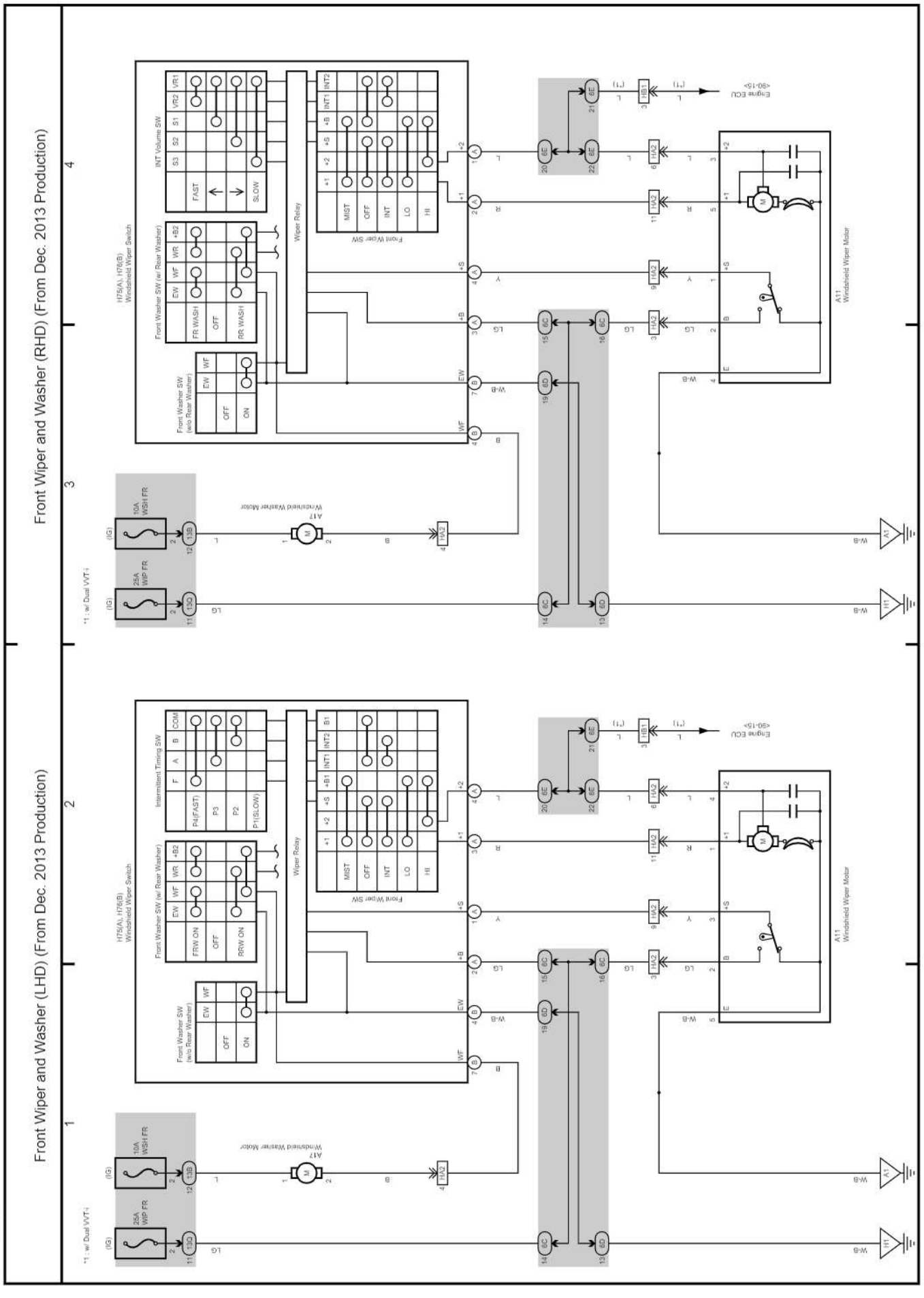

Door Closer (Slide Door) (From Dec. 2013 Production until Dec. 2015 Production)
*1 : 2TR-FE w/o Step Lamp
*2 : 1TR-FE, 2TR-FE w/ Step Lamp
*3 : 1KD-FTV w/o Entry and Start System
*4 : 1KD-FTV w/ Entry and Start System
(BAT)
30A DOOR R/R
30A DOOR R/L
M2 Door Control Relay (RH)
B32 Door Control Relay (LH)
Slide Door Closer Relay
Slide Door Closer Motor
Inside Handle SW
Handle SW
Latch SW
M1 Slide Door Control Junction (Male RH)
B55 Slide Door Control Junction (Male LH)
Diode (Door Courtesy No.5) <60-13>
Diode (Door Courtesy No.4) <60-13>
Diode (Door Lock) <65-15><65-16>
Junction Connector
B2
B5

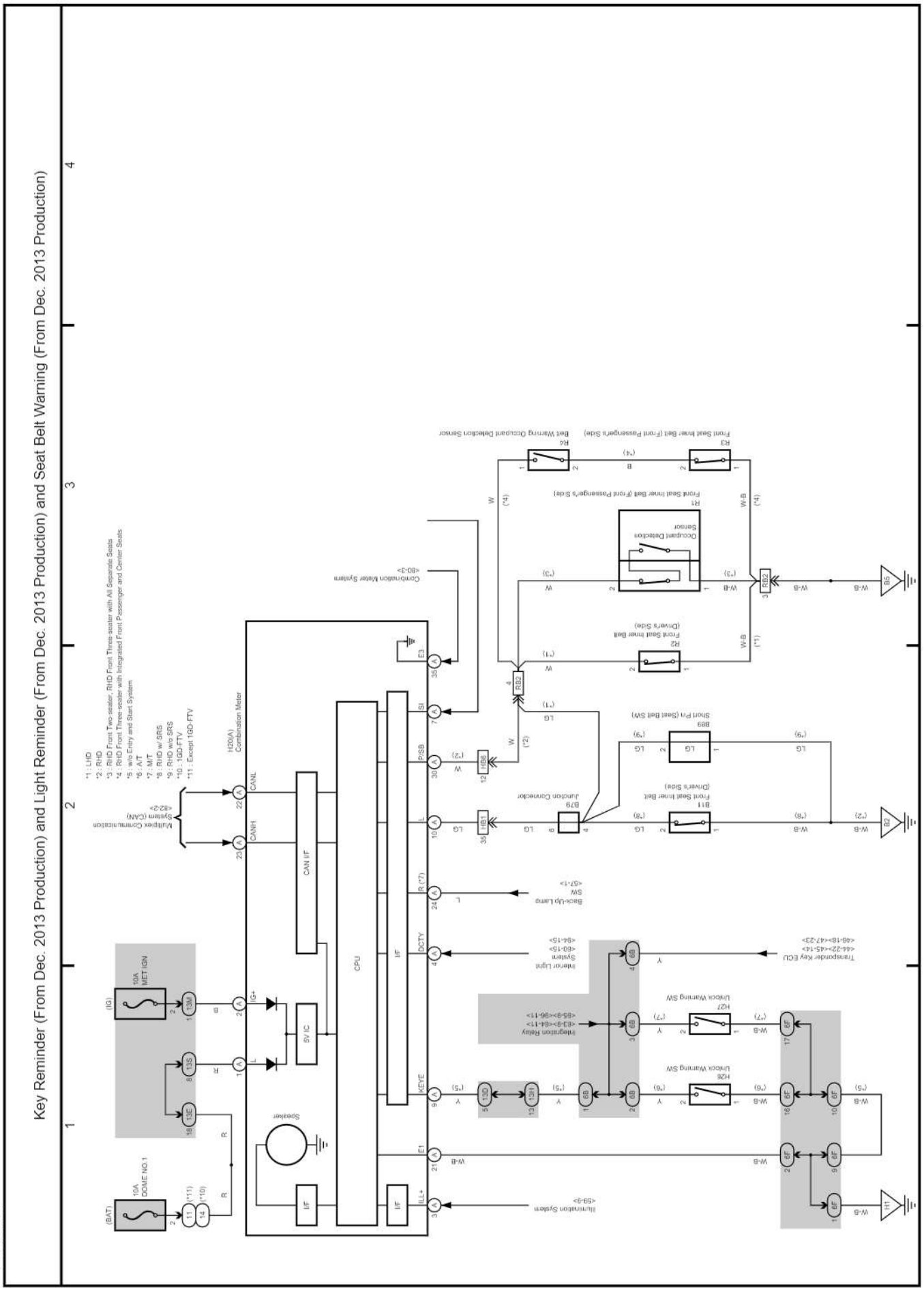

69 HIACE
Door Closer (Back Door) (From Dec. 2013 Production)
Rear Wiper and Washer (From Dec. 2013 Production)
1
2
3
4
*1 : LHD
*2 : RHD
*3 : w/ Entry and Start System
*4 : w/o Entry and Start System
(BAT)
30A
DOOR BK
(IG)
15A
WIP/WSH RR
H75(A), H76(B)
Windshield Wiper Switch
Rear Wiper SW
Rear Washer SW
FRW ON (*1)
FR WASH (*2)
RRW ON (*1)
RR WASH (*2)
OFF
INT
ON
+1R
C1R
EW
WF
+B2
WR
Rear Wiper Relay
Rear Wiper Motor
Rear Washer Motor
a8
Back Door Closer Relay
a7
Back Door Lock Assembly
(Door Control Switch)
a9
Back Door Closer Motor
Assembly
Closer Motor
Half Latch SW
Full Latch SW
Initial Position SW
UL1
UL2
SIG
LSWD
P/W
E
L
M-B
W-B
B-R

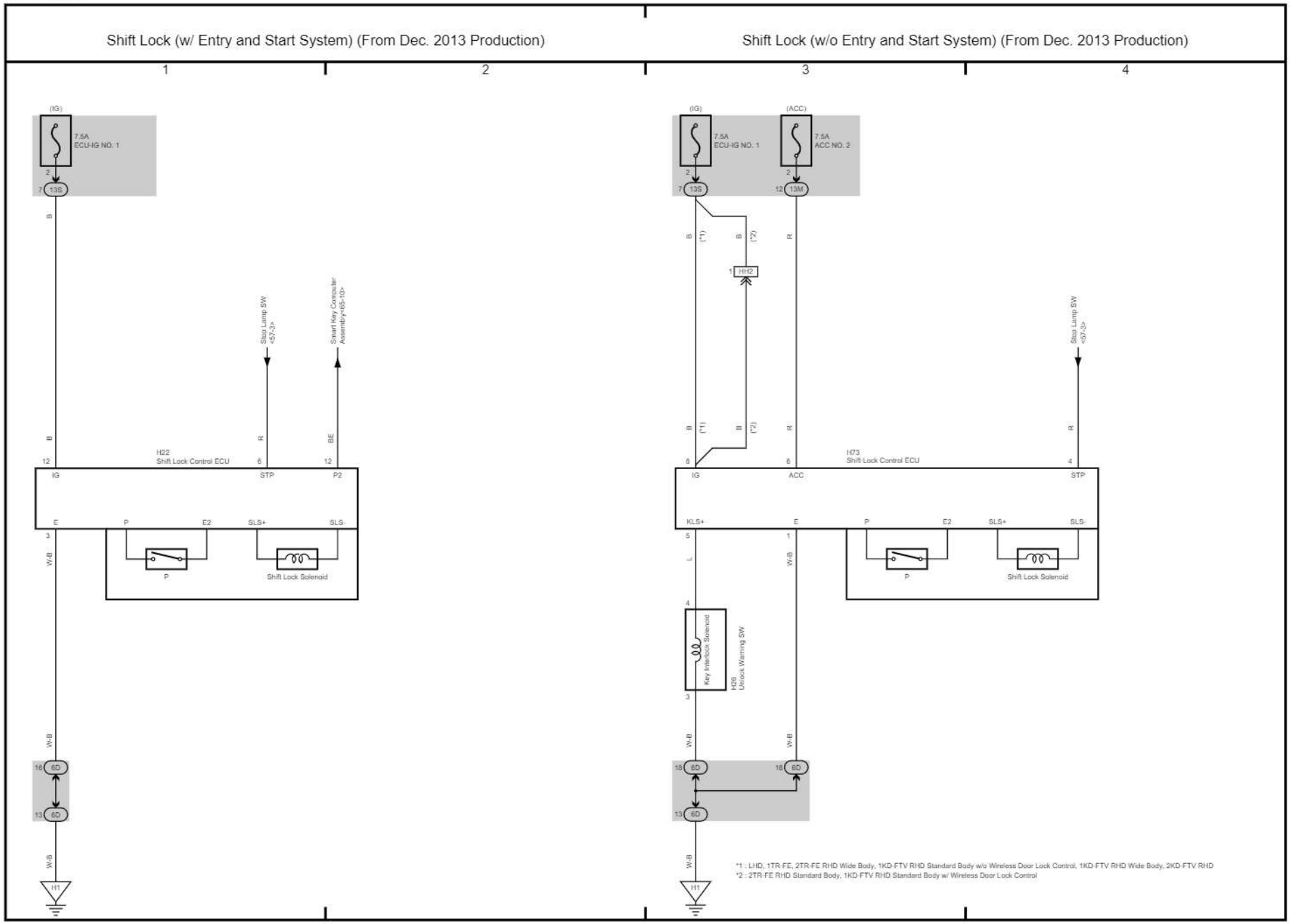

Power Window (LHD) (From Dec. 2013 Production)
1
2
3
4
70 HIACE
(BAT)
30A DOOR
1G1
(BAT)
100A J/B
10
1SB
(IG)
10A GAUGE NO. 1
PWR Relay
30A POWER
1SB
1SM
36
W-R
W-B
W-L
B-G
L5
Power Window Master SW
L4
Power Window Regulator Motor (Front LH)
K8
Power Window SW (Front RH)
K4
Power Window Regulator Motor (Front RH)
Down
Up
GND
DCTY
VCC
SSRB
PLS2
PLS
SGND
A21
Junction Connector
A1
H1
Diode (Room Lamp)
<60-10><64-10>

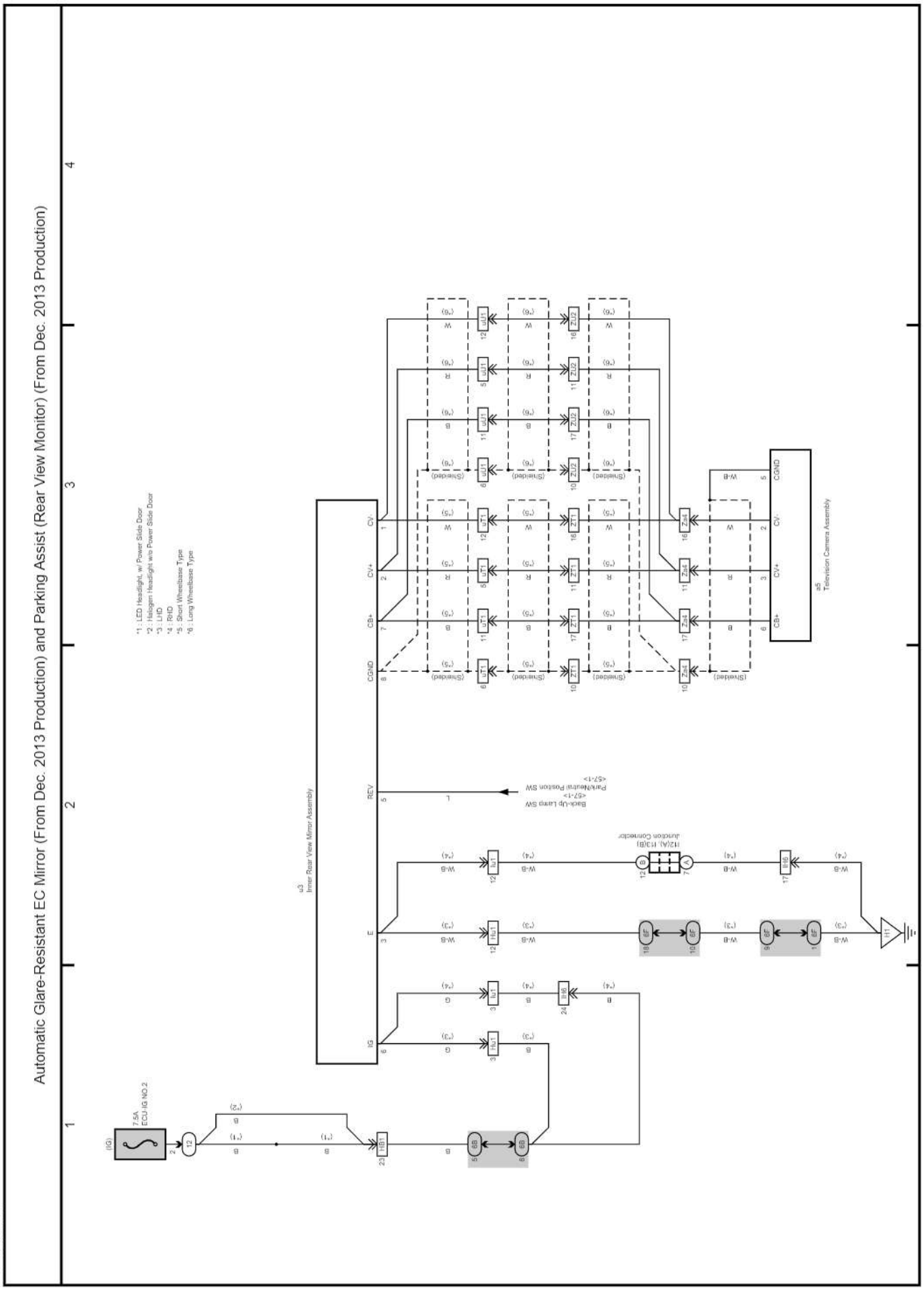

71 HIACE
Power Window (RHD) (From Dec. 2013 Production)
1
2
3
4
*1 : 1GD-FTV
*2 : Except 1GD-FTV
(BAT)
100A(*2)
120A(*1)
J/B
(IG)
10A
GAUGE NO. 1
PWR
Relay
30A
POWER
30A
DOOR
K5
Power Window Master SW
K4
Power Window Regulator Motor (Front RH)
L6
Power Window SW (Front LH)
L4
Power Window Regulator Motor
(Front LH)
Down
Up
Diode (Room Lamp)
<60-10><94-10>
W-B
M-B
DCTY
GND
SGND
PLS
PLS2
VCC
SSRB
SD
SU

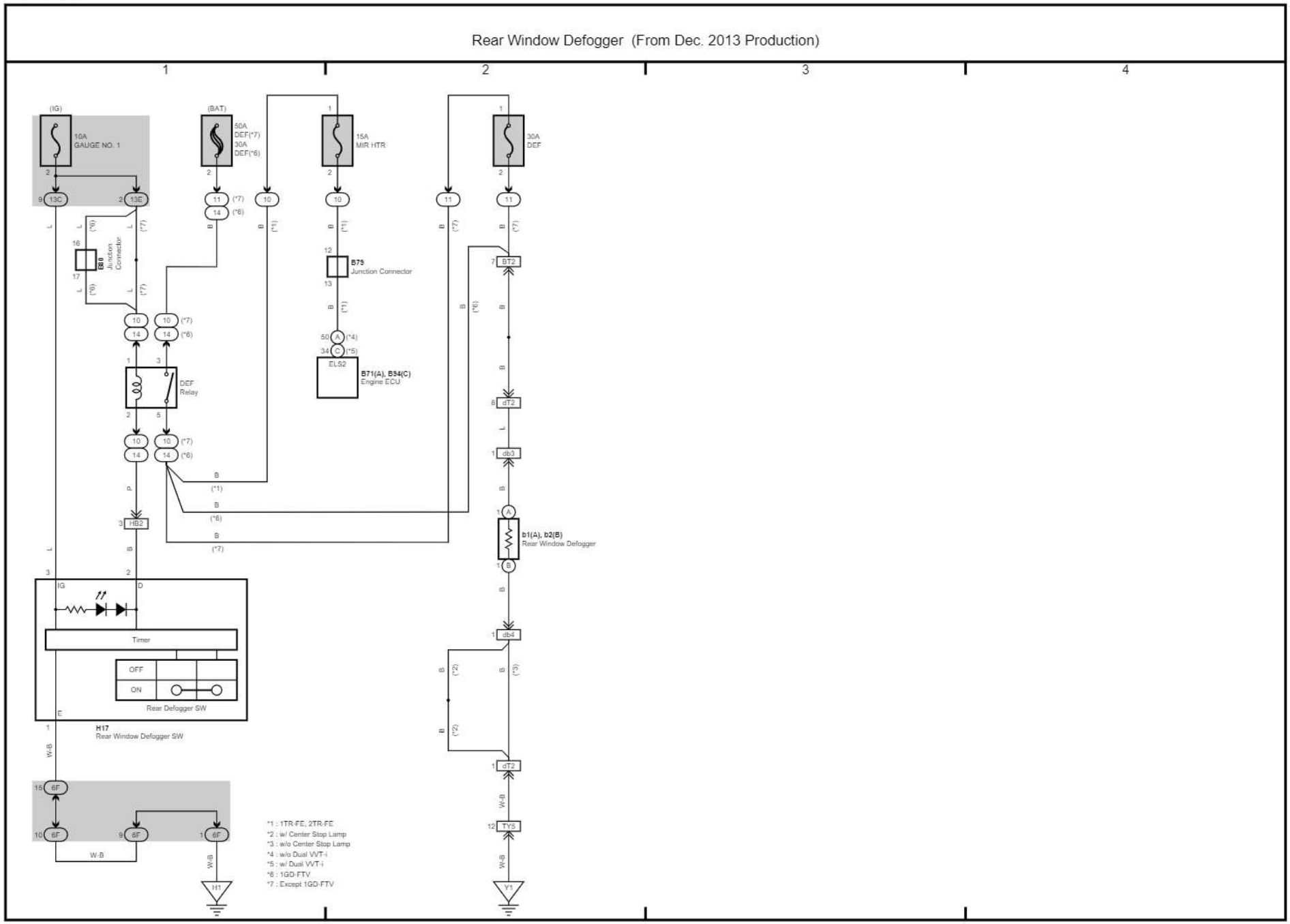

Cigarette Lighter (From Dec. 2013 Production)
Remote Control Mirror (From Dec. 2013 Production)
*3 : 1GD-FTV
*4 : Except 1GD-FTV
(ACC)
15A
CIG (*4)
15A
CIG/ACC NO.5 (*3)
H12
Cigarette Lighter
W-B
R
(ACC)
7.5A
ACC NO. 1
Operation SW
Select SW
Retract SW
Right / Down
Left / Up
Down
Up
Right
Left
MV
MH
HR
HL
VR
VL
M+
MR
MF
I26
Outer Mirror SW
Outer Rear View Mirror (RH)
Outer Rear View Mirror (LH)
K7
L7
I12(A), I13(B)
Junction Connector
*1 : LHD
*2 : RHD

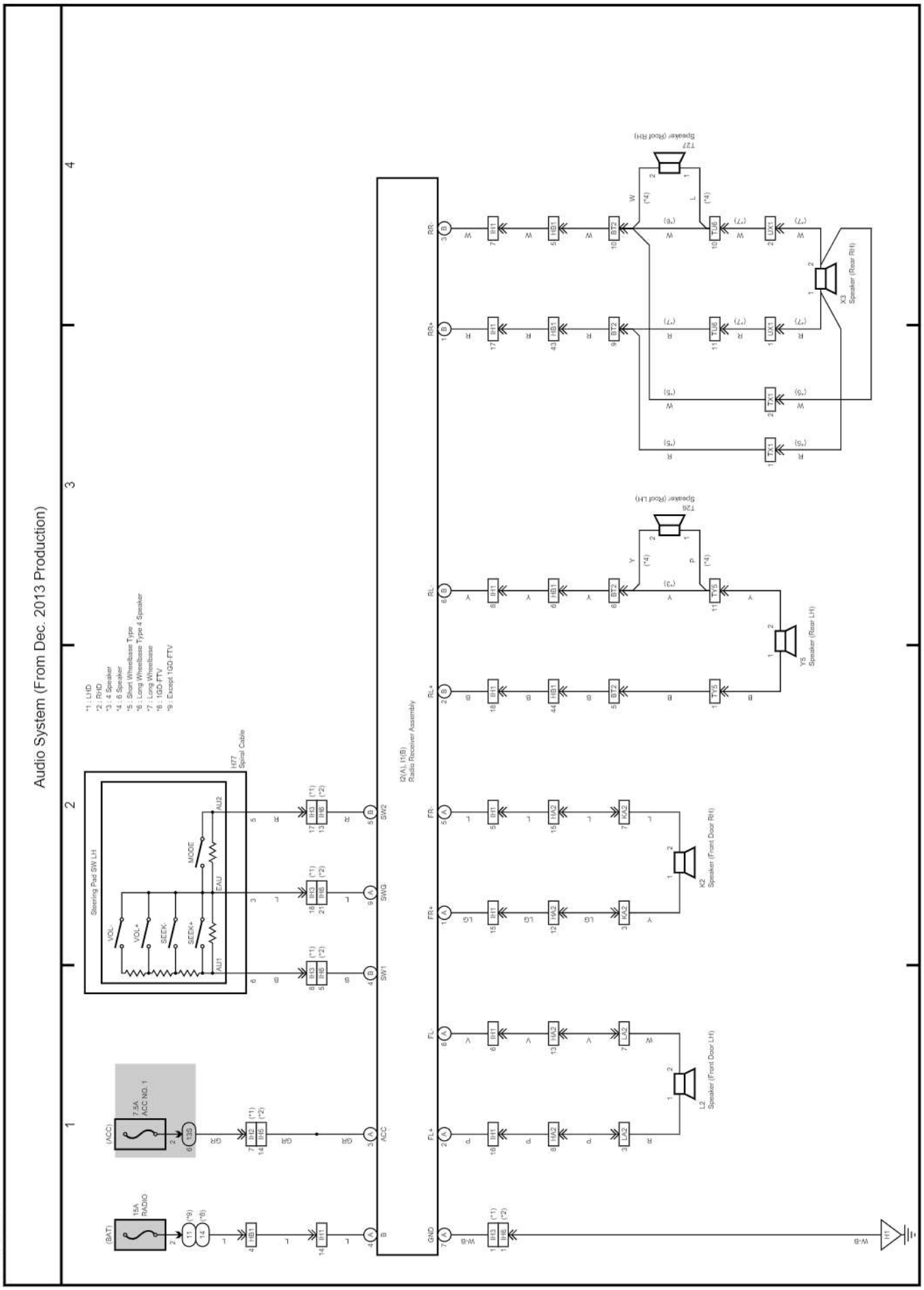

Front Wiper and Washer (LHD) (From Dec. 2013 Production)
Front Wiper and Washer (RHD) (From Dec. 2013 Production)
1
2
3
4
*1 : w/ Dual VVT-i
H75(A), H76(B)
Windshield Wiper Switch
Front Washer SW (w/ Rear Washer)
Intermittent Timing SW
INT Volume SW
Front Wiper SW
Front Washer SW
(w/o Rear Washer)
Wiper Relay
A11
Windshield Wiper Motor
A17
Windshield Washer Motor
Engine ECU
<90-15>
10A
WSH FR
25A
WIP FR
(IG)
FRW ON
RRW ON
FR WASH
RR WASH
OFF
ON
FAST
SLOW
MIST
INT
LO
HI
P4(FAST)
P3
P2
P1(SLOW)

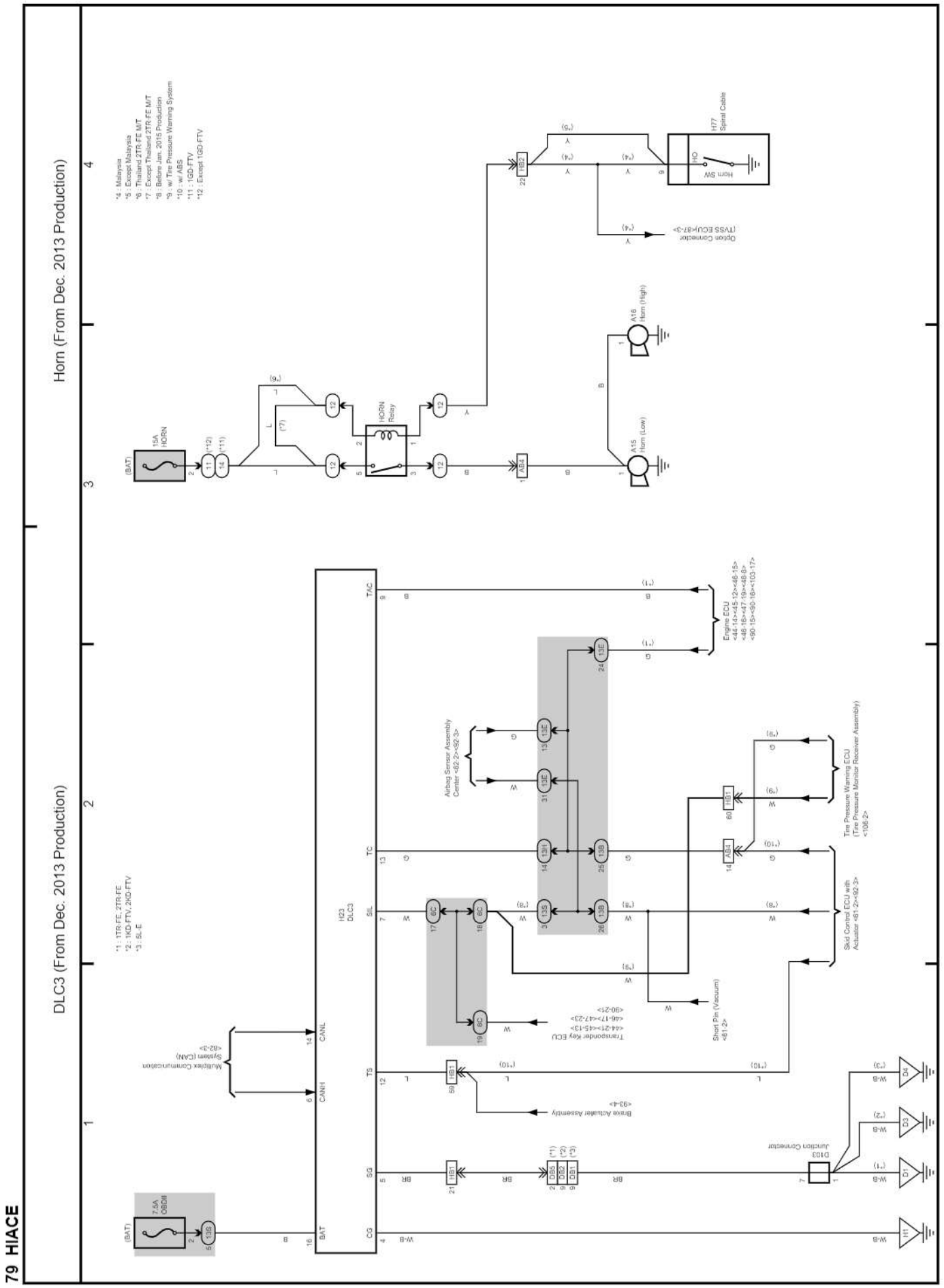

Key Reminder (From Dec. 2013 Production) and Light Reminder (From Dec. 2013 Production) and Seat Belt Warning (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*3 : RHD Front Two-seater, RHD Front Three-seater with All Separate Seats
*4 : RHD Front Three-seater with Integrated Front Passenger and Center Seats
*5 : w/o Entry and Start System
*6 : A/T
*7 : M/T
*8 : RHD w/ SRS
*9 : RHD w/o SRS
*10 : 1GD-FTV
*11 : Except 1GD-FTV
H20(A)
Combination Meter
Multiplex Communication System (CAN)
<82-2>
CANL
CANH
CAN I/F
CPU
I/F
5V I/C
Combination Meter System
<60-3>
Illumination System
<59-8>
Back-Up Lamp SW
<57-1>
Interior Light System
<60-15>
<94-15>
Transponder Key ECU
<44-22><45-14>
<46-18><47-23>
Integration Relay
<83-9><84-11>
<85-9><86-11>
Unlock Warning SW
H27
Unlock Warning SW
H26
Front Seat Inner Belt (Front Passenger's Side)
Occupant Detection Sensor
Front Seat Inner Belt (Driver's Side)
Short Pin (Seat Belt SW)
Front Seat Inner Belt (Driver's Side)
Junction Connector
Front Seat Inner Belt (Front Passenger's Side)
Belt Warning Occupant Detection Sensor
Sounder
10A
MET IGN
10A
DOME NO.1
(IG)
(BAT)
IG+
ACC
ST
E1
E3
KEYE
DCTY
ILL+
PISB
R (*7)
L
SI
LG
W
W-B
W-R
R
Y
B
W
G
B
B5
B2
H1
B11
B79
B89
R2
R3
R4
RB1
RB2
RB8
1M
1S
1E
1D
1H
6B
6F
2B
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Shift Lock (w/ Entry and Start System) (From Dec. 2013 Production)
Shift Lock (w/o Entry and Start System) (From Dec. 2013 Production)
1
2
3
4
(IG)
7.5A
ECU-IG NO. 1
(ACC)
7.5A
ACC NO. 2
13S
13M
Stop Lamp SW
<57-3>
Smart Key Computer
Assembly<65-10>
H22
Shift Lock Control ECU
H73
Shift Lock Control ECU
IG
STP
P2
ACC
KLS+
E
P
E2
SLS+
SLS-
Shift Lock Solenoid
Key Interlock Solenoid
H26
Unlock Warning SW
6D
H1
*1 : LHD, 1TR-FE, 2TR-FE RHD Wide Body, 1KD-FTV RHD Standard Body w/o Wireless Door Lock Control, 1KD-FTV RHD Wide Body, 2KD-FTV RHD
*2 : 2TR-FE RHD Standard Body, 1KD-FTV RHD Standard Body w/ Wireless Door Lock Control

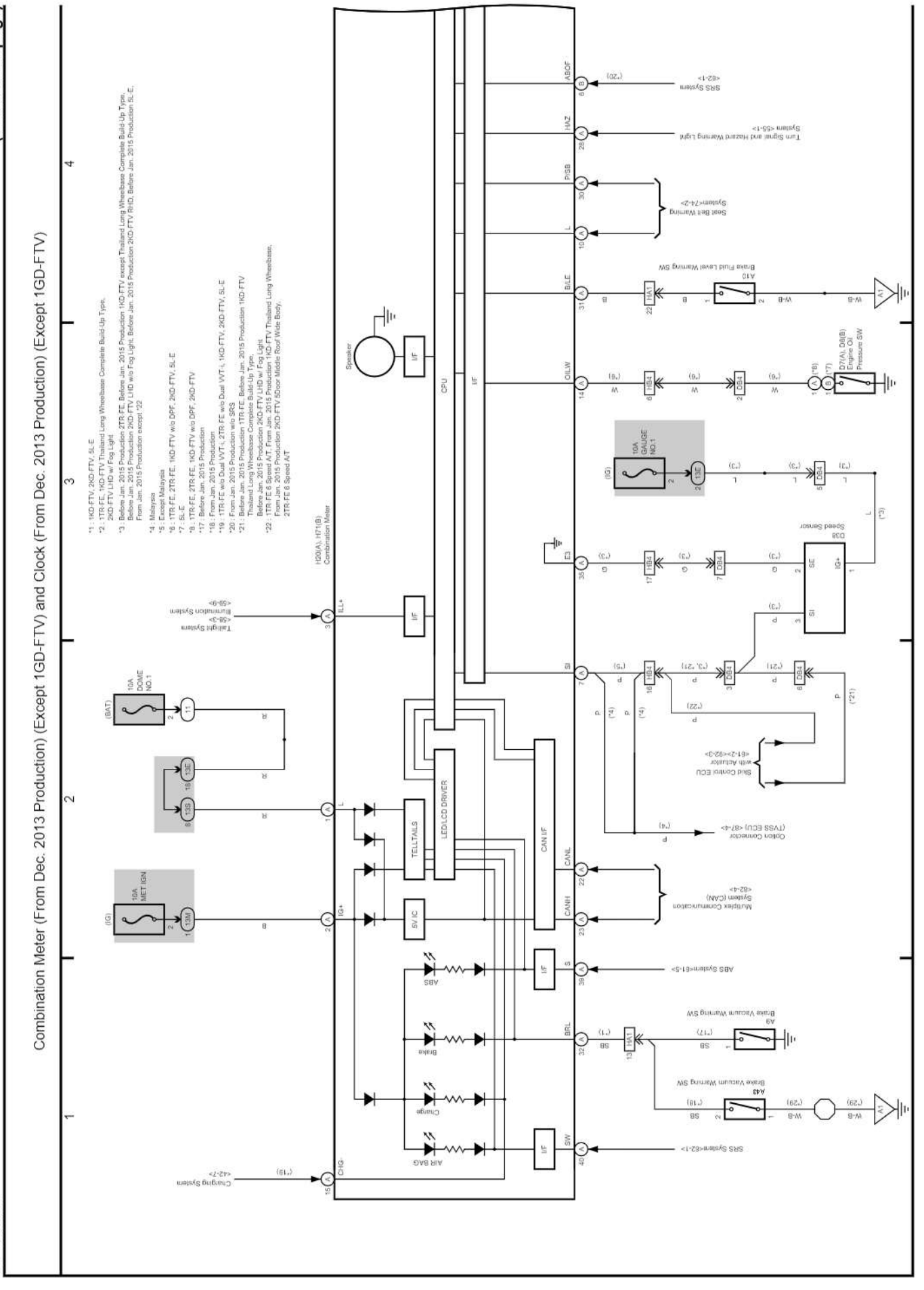

Automatic Glare-Resistant EC Mirror (From Dec. 2013 Production) and Parking Assist (Rear View Monitor) (From Dec. 2013 Production)
*1: LED Headlight, w/ Power Slide Door
*2: Halogen Headlight w/o Power Slide Door
*3: LHD
*4: RHD
*5: Short Wheelbase Type
*6: Long Wheelbase Type
Inner Rear View Mirror Assembly
Television Camera Assembly
Back-Up Lamp SW
Parking Brake Position SW
Junction Connector
7.5A
ECU-IG NO.2
CV-
CV+
CB+
CGND
REV
IG
E
W-B
R
B
G
Shielded


Rear Window Defogger (From Dec. 2013 Production)
1
2
3
4
(IG)
10A
GAUGE NO. 1
(BAT)
50A
DEF(*7)
30A
DEF(*6)
15A
MIR HTR
30A
DEF
13C
13E
J10
Junction
Connector
B75
Junction Connector
B71(A), B54(C)
Engine ECU
ELS2
DEF
Relay
HB2
BT2
dT2
db3
db4
b1(A), b2(B)
Rear Window Defogger
Timer
OFF
ON
Rear Defogger SW
H17
Rear Window Defogger SW
6F
TY5
H1
Y1
*1 : 1TR-FE, 2TR-FE
*2 : w/ Center Stop Lamp
*3 : w/o Center Stop Lamp
*4 : w/o Dual VVT-i
*5 : w/ Dual VVT-i
*6 : 1GD-FTV
*7 : Except 1GD-FTV


Audio System (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*3 : 4 Speaker
*4 : 6 Speaker
*5 : Short Wheelbase Type
*6 : Long Wheelbase Type 4 Speaker
*7 : Long Wheelbase
*8 : 1GD-FTV
*9 : Except 1GD-FTV
H77
Spiral Cable
Steering Pad SW LH
MODE
AU2
EAU
AU1
VOL-
VOL+
SEEK-
SEEK+
I2(A), I1(B)
Radio Receiver Assembly
Speaker (Roof RH)
T27
X3
Speaker (Rear RH)
Speaker (Roof LH)
T28
Y5
Speaker (Rear LH)
K2
Speaker (Front Door RH)
L2
Speaker (Front Door LH)
(BAT)
15A
RADIO
(ACC)
7.5A
ACC NO. 1
RR-
RR+
RL-
RL+
FR-
FR+
FL-
FL+
GND
ACC
SW1
SW2
SWG
W-B
H1

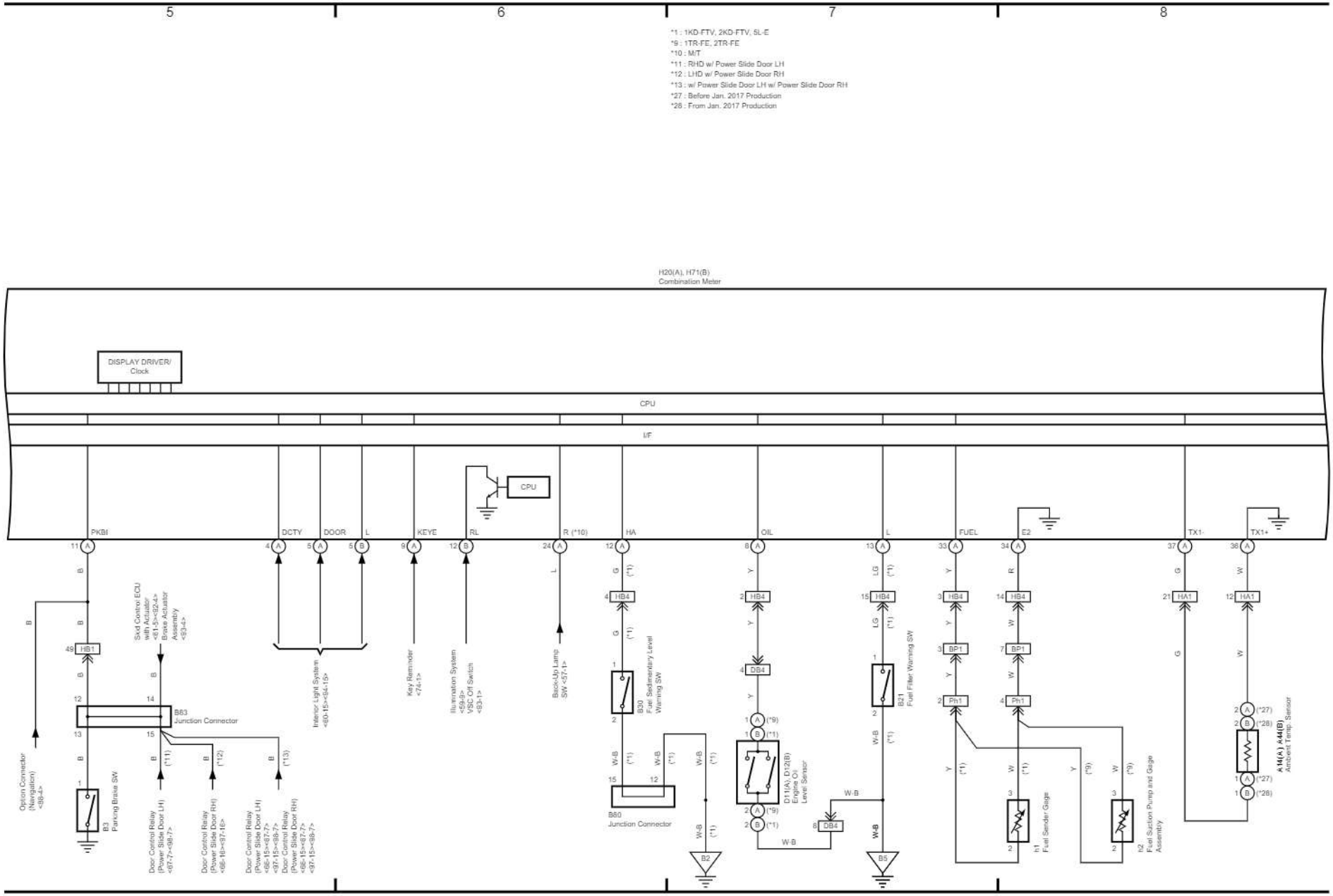

79 HIACE
DLC3 (From Dec. 2013 Production)
Horn (From Dec. 2013 Production)
1
2
3
4
*1 : 1TR-FE, 2TR-FE
*2 : 1KD-FTV, 2KD-FTV
*3 : SL-E
*4 : Malaysia
*5 : Except Malaysia
*6 : Thailand 2TR-FE M/T
*7 : Except Thailand 2TR-FE M/T
*8 : Before Jan. 2015 Production
*9 : w/ Tire Pressure Warning System
*10 : w/ ABS
*11 : 1GD-FTV
*12 : Except 1GD-FTV
(BAT)
7.5A OBDII
15A HORN
HORN Relay
A15 Horn (Low)
A16 Horn (High)
H77 Spiral Cable
Horn SW
Option Connector (TVSS ECU)<87-3>
Multiplex Communication System (CAN) <82-3>
H23 DLC3
BAT
CANL
CANH
SIL
TC
TAC
SG
CG
Engine ECU
<44-14><45-12><46-15>
<46-16><47-12><48-8>
<56-15><56-16><103-17>
Airbag Sensor Assembly Center <82-2><92-3>
Transponder Key ECU
<44-21><45-13>
<46-17><47-23>
<90-25>
Short Pin (Vacuum) <61-2>
Brake Actuator Assembly <93-4>
Tire Pressure Warning ECU (Tire Pressure Monitor Receiver Assembly) <106-2>
Skid Control ECU with Actuator <61-2><92-3>
Junction Connector D103

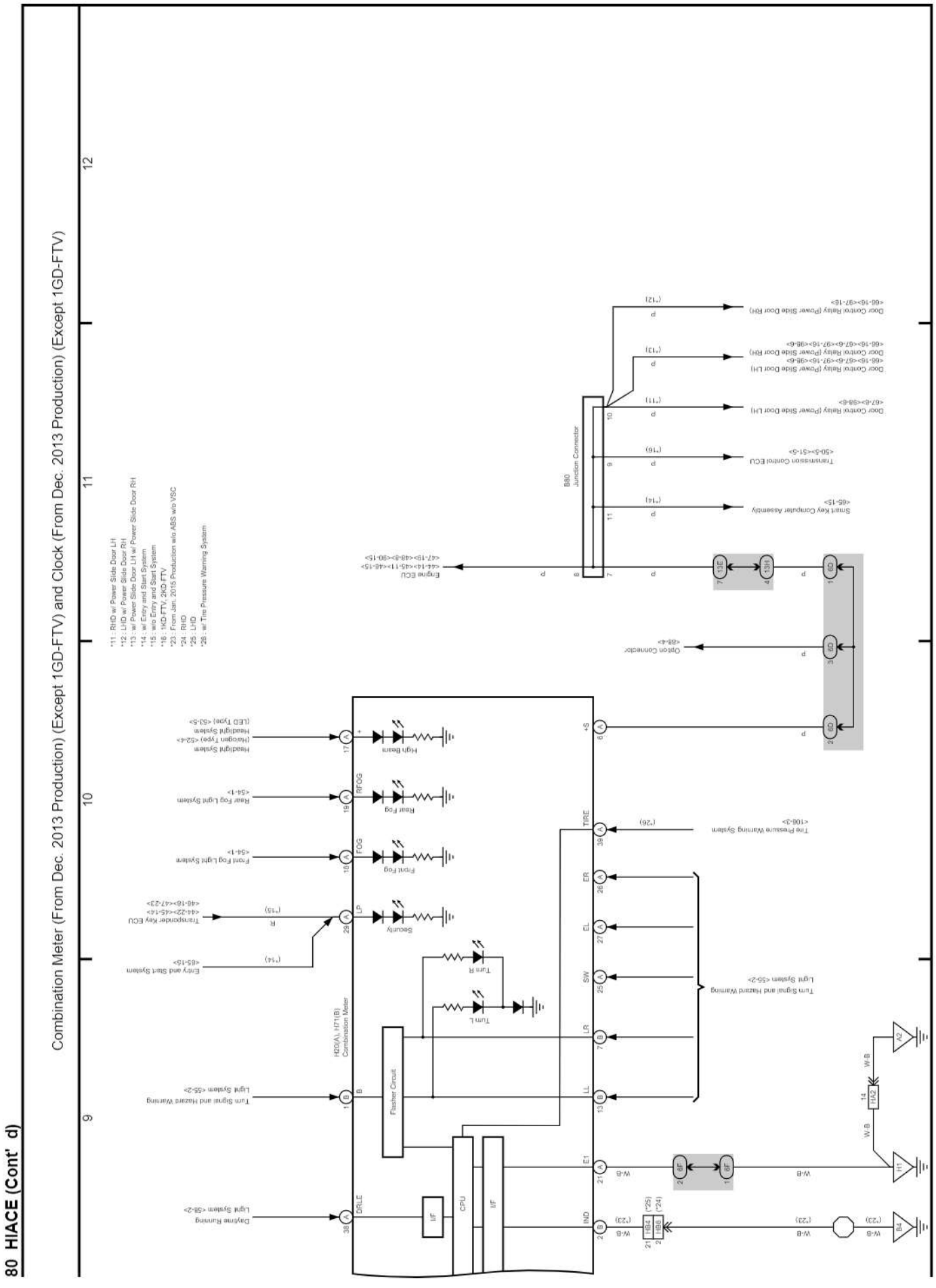
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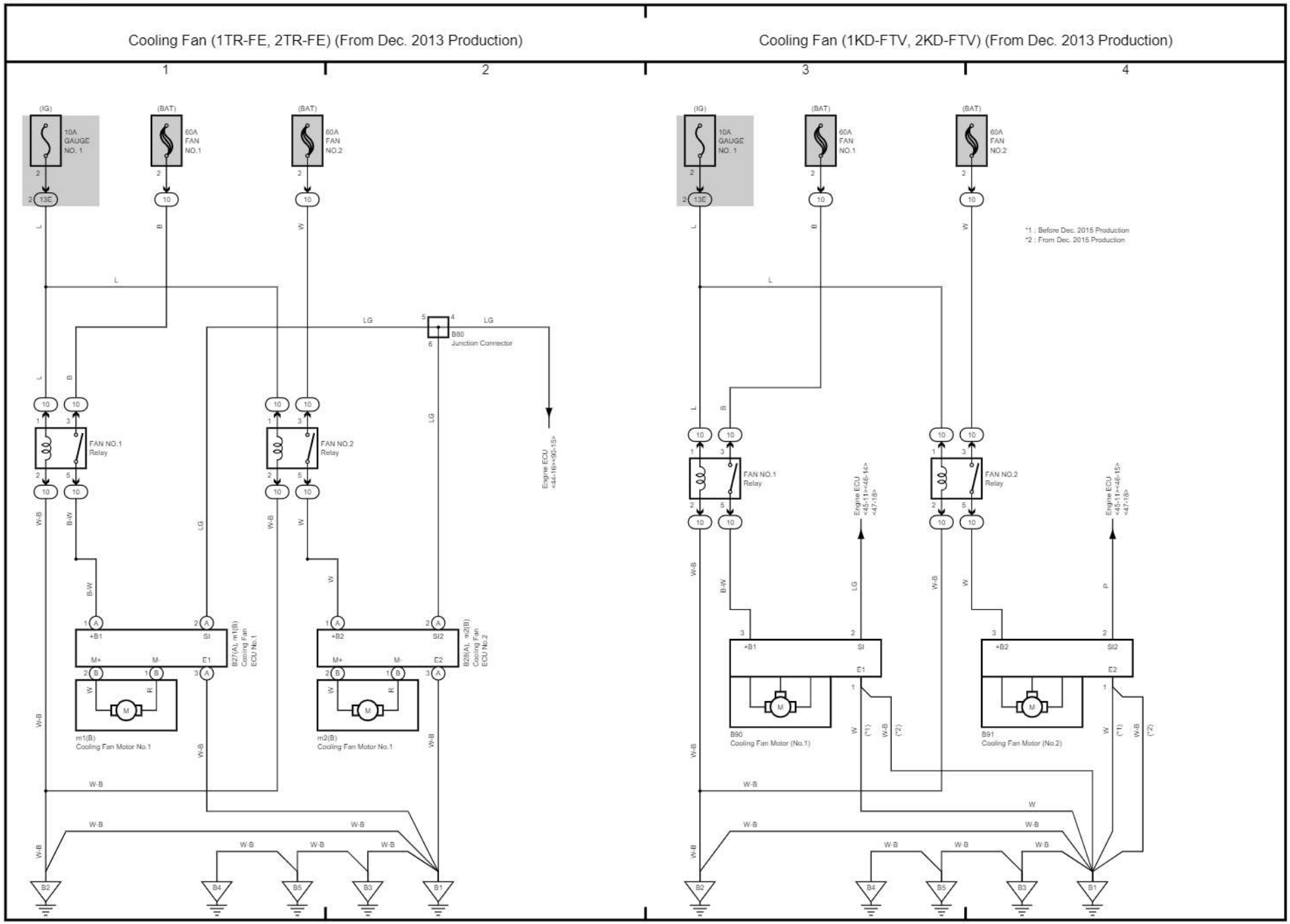


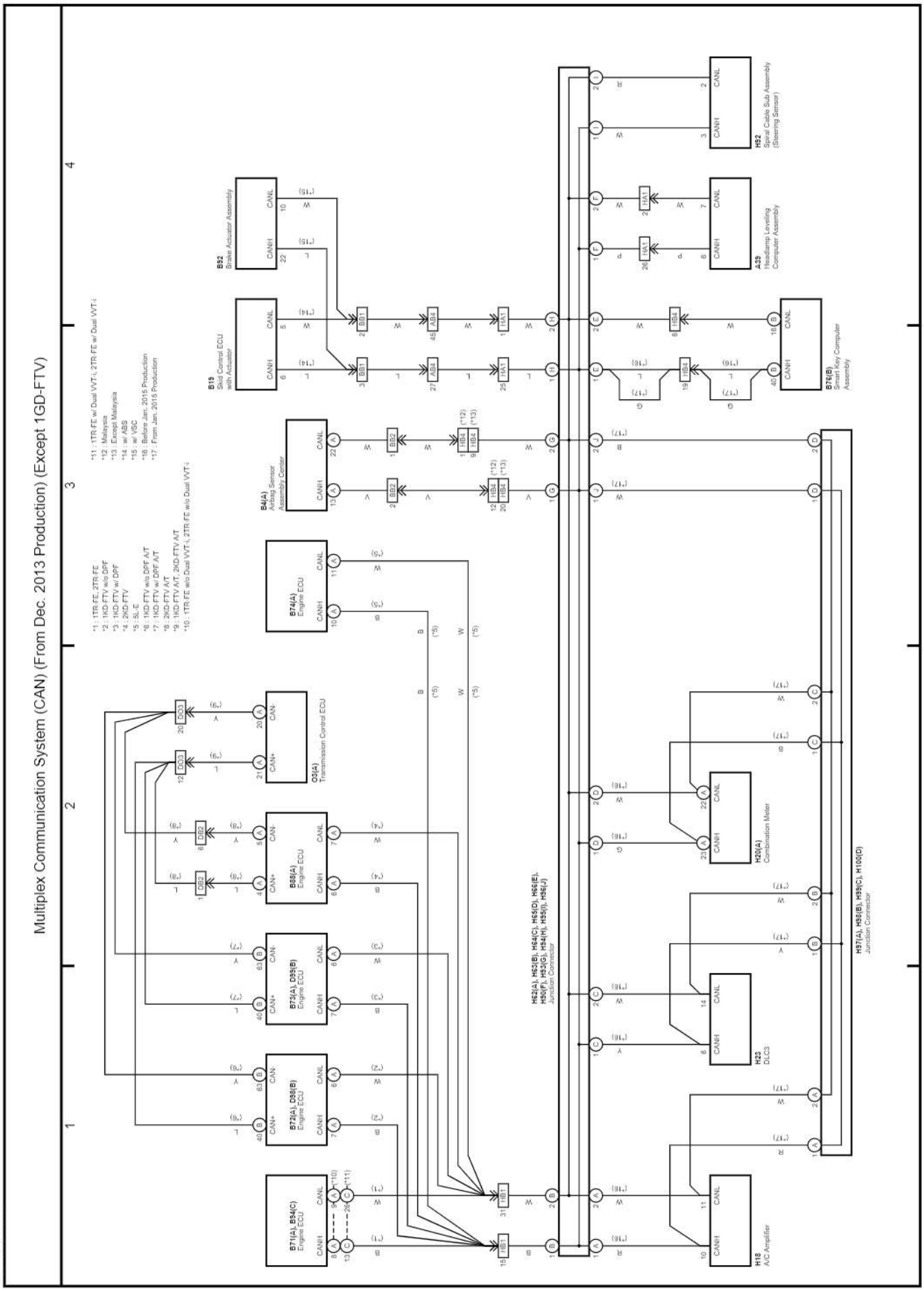
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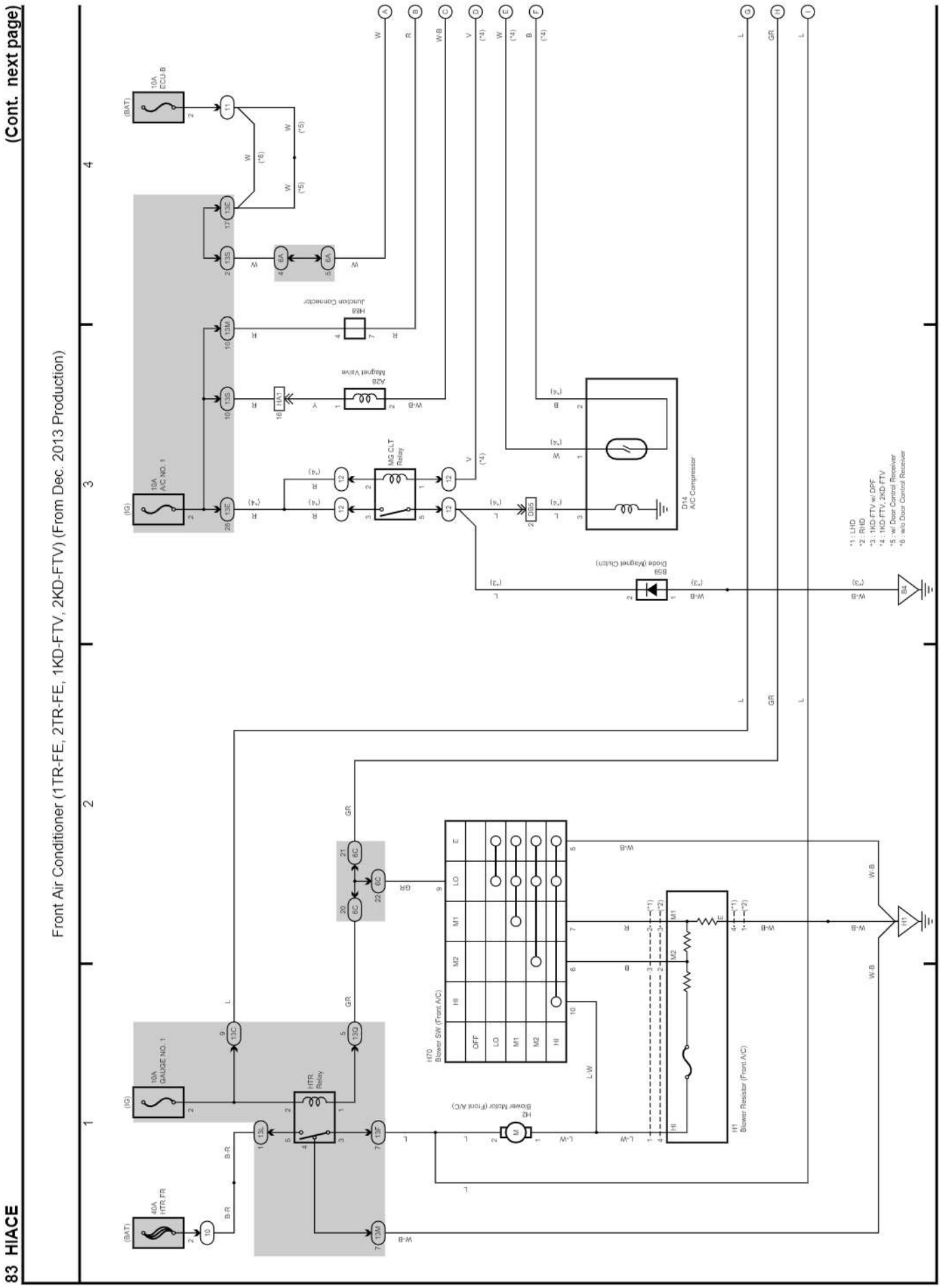
Combination Meter (From Dec. 2013 Production) (Except 1GD-FTV) and Clock (From Dec. 2013 Production) (Except 1GD-FTV)



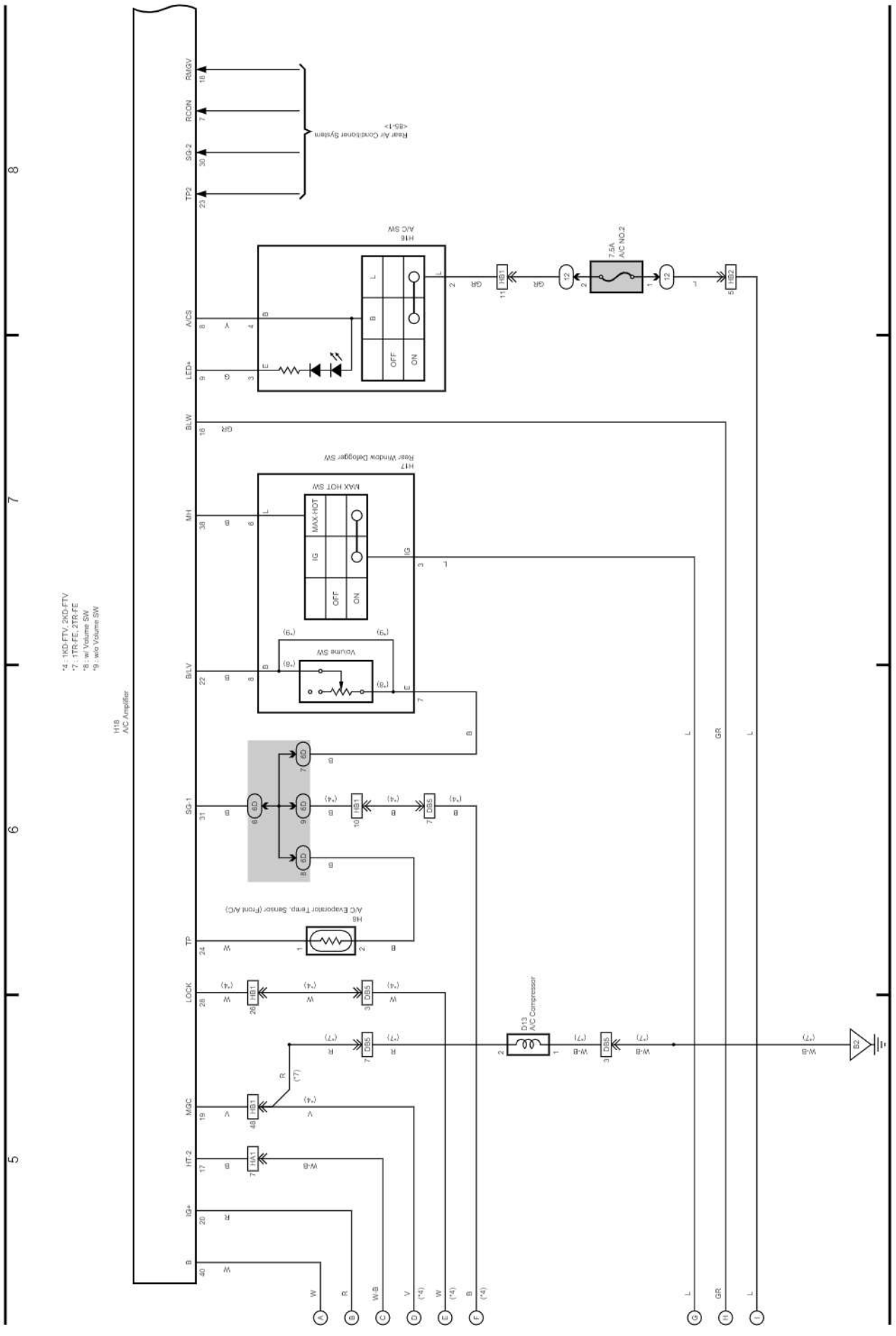

80 HIACE (Cont' d)
Combination Meter (From Dec. 2013 Production) (Except 1GD-FTV) and Clock (From Dec. 2013 Production) (Except 1GD-FTV)
9
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11
12
*11 : RHD w/ Power Slide Door LH
*12 : LHD w/ Power Slide Door RH
*13 : w/ Power Slide Door LH w/ Power Slide Door RH
*14 : w/ Entry and Start System
*15 : w/o Entry and Start System
*16 : 1KD-FTV, 2KD-FTV
*23 : From Jan. 2015 Production w/o ABS w/o VSC
*24 : RHD
*25 : LHD
*26 : w/ Tire Pressure Warning System
H20(A), H71(B) Combination Meter
Flasher Circuit
I/F
CPU
I/F
DRLC
IND
E1
LL
LR
SW
EL
ER
TIRE
+S
LP
FOG
RFOG
Turn L
Turn R
Security
Front Fog
Rear Fog
High Beam
Daytime Running Light System <58-2>
Turn Signal and Hazard Warning Light System <55-2>
Entry and Start System <65-15>
Transponder Key ECU <44-22><45-14><48-16><47-23>
Front Fog Light System <54-1>
Rear Fog Light System <54-1>
Headlight System (Halogen Type) <52-4> Headlight System (LED Type) <53-5>
Turn Signal and Hazard Warning Light System <55-2>
Tire Pressure Warning System <106-3>
Option Connector <68-4>
Engine ECU <47-19><48-9><48-11><44-14><45-11><48-15>
B80 Junction Connector
Transmission Control ECU <50-5><51-5>
Smart Key Computer Assembly <65-15>
Door Control Relay (Power Slide Door LH) <67-6><98-6>
Door Control Relay (Power Slide Door RH) <66-16><97-16>
Door Control Relay (Power Slide Door LH) <66-16><67-6><97-16><98-6>
Door Control Relay (Power Slide Door RH) <66-16><67-6><97-16><98-6>
Door Control Relay (Power Slide Door RH) <66-16><97-16>
W-B
W-G
W-R
HA2
HB4
HB6
A2
B4
H1
1F
2F
1G
2G
3G
1H
3H
7E


Cooling Fan (1TR-FE, 2TR-FE) (From Dec. 2013 Production)
Cooling Fan (1KD-FTV, 2KD-FTV) (From Dec. 2013 Production)
1
2
3
4
(IG)
(BAT)
10A GAUGE NO. 1
60A FAN NO.1
60A FAN NO.2
FAN NO.1 Relay
FAN NO.2 Relay
B80 Junction Connector
Engine ECU <44-16><90-15>
Engine ECU <45-11><46-14> <47-18>
Engine ECU <45-11><46-15> <47-18>
B27(A), m1(B) Cooling Fan ECU No.1
B28(A), m2(B) Cooling Fan ECU No.2
m1(B) Cooling Fan Motor No.1
m2(B) Cooling Fan Motor No.1
B90 Cooling Fan Motor (No.1)
B91 Cooling Fan Motor (No.2)
*1 : Before Dec. 2015 Production
*2 : From Dec. 2015 Production

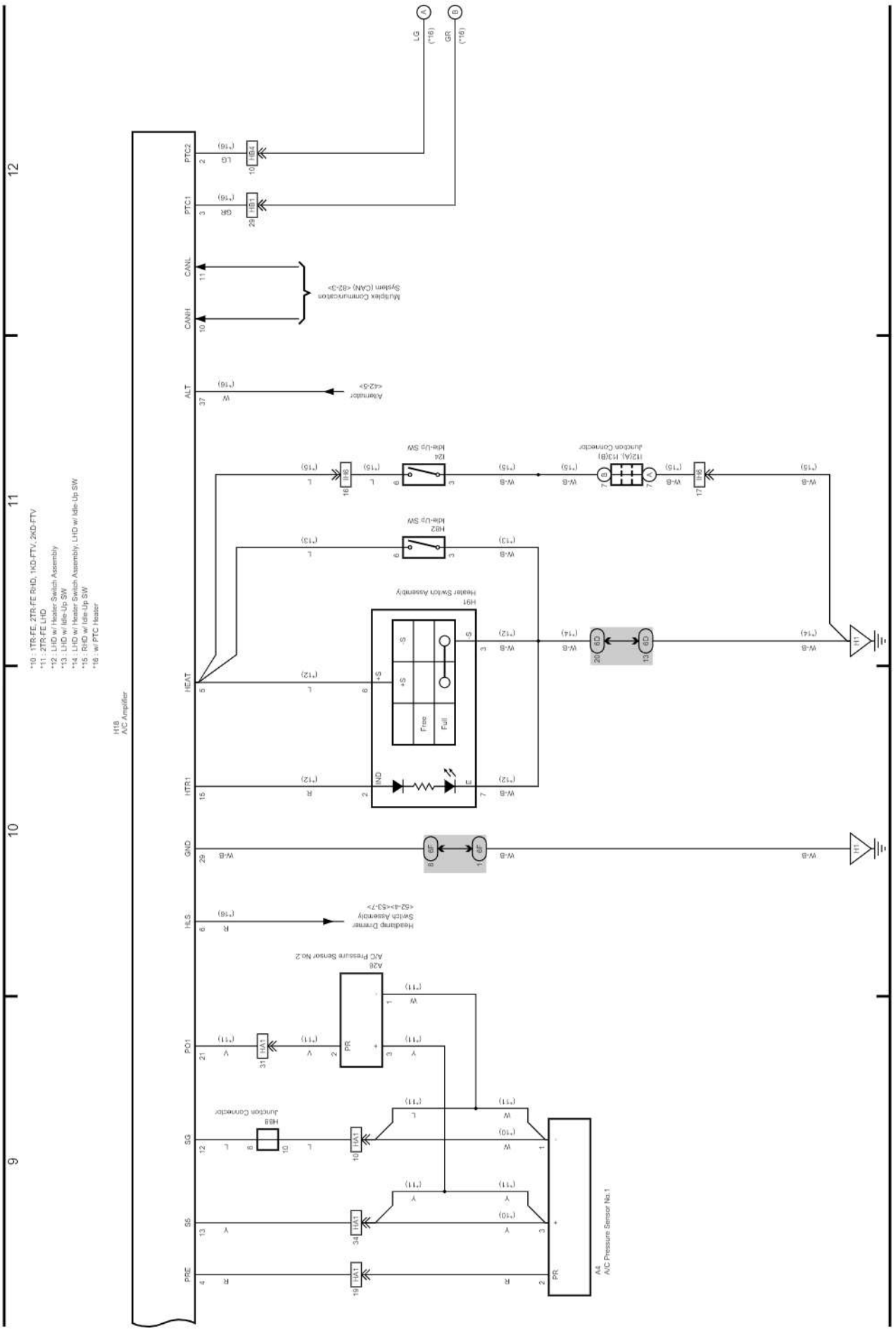

Multiplex Communication System (CAN) (From Dec. 2013 Production) (Except 1GD-FTV)
*1 : 1TR-FE, 2TR-FE
*2 : 1KD-FTV w/o DPF
*3 : 1KD-FTV w/ DPF
*4 : 2KD-FTV
*5 : 5L-E
*6 : 1KD-FTV w/o DPF A/T
*7 : 1KD-FTV w/ DPF A/T
*8 : 2KD-FTV A/T
*9 : 1KD-FTV A/T, 2KD-FTV A/T
*10 : 1TR-FE w/o Dual VVT-i, 2TR-FE w/o Dual VVT-i
*11 : 1TR-FE w/ Dual VVT-i, 2TR-FE w/ Dual VVT-i
*12 : Malaysia
*13 : Except Malaysia
*14 : w/ ABS
*15 : w/ VSC
*16 : Before Jan. 2015 Production
*17 : From Jan. 2015 Production
B71(A), B54(C) Engine ECU
B72(A), D58(B) Engine ECU
B73(A), D55(B) Engine ECU
B88(A) Engine ECU
B74(A) Engine ECU
O3(A) Transmission Control ECU
B4(A) Airbag Sensor Assembly Center
B19 Skid Control ECU with Actuator
B52 Brake Actuator Assembly
H62(A), H63(B), H64(C), H65(D), H66(E), H90(F), H93(G), H94(H), H95(I), H96(J) Junction Connector
H18 A/C Amplifier
H20(A) Combination Meter
H25 DLC3
H37(A), H98(B), H99(C), H100(D) Junction Connector
H52 Spiral Cable Sub-Assembly (Steering Sensor)
A35 Headlamp Leveling Computer Assembly
B76(B) Smart Key Computer Assembly

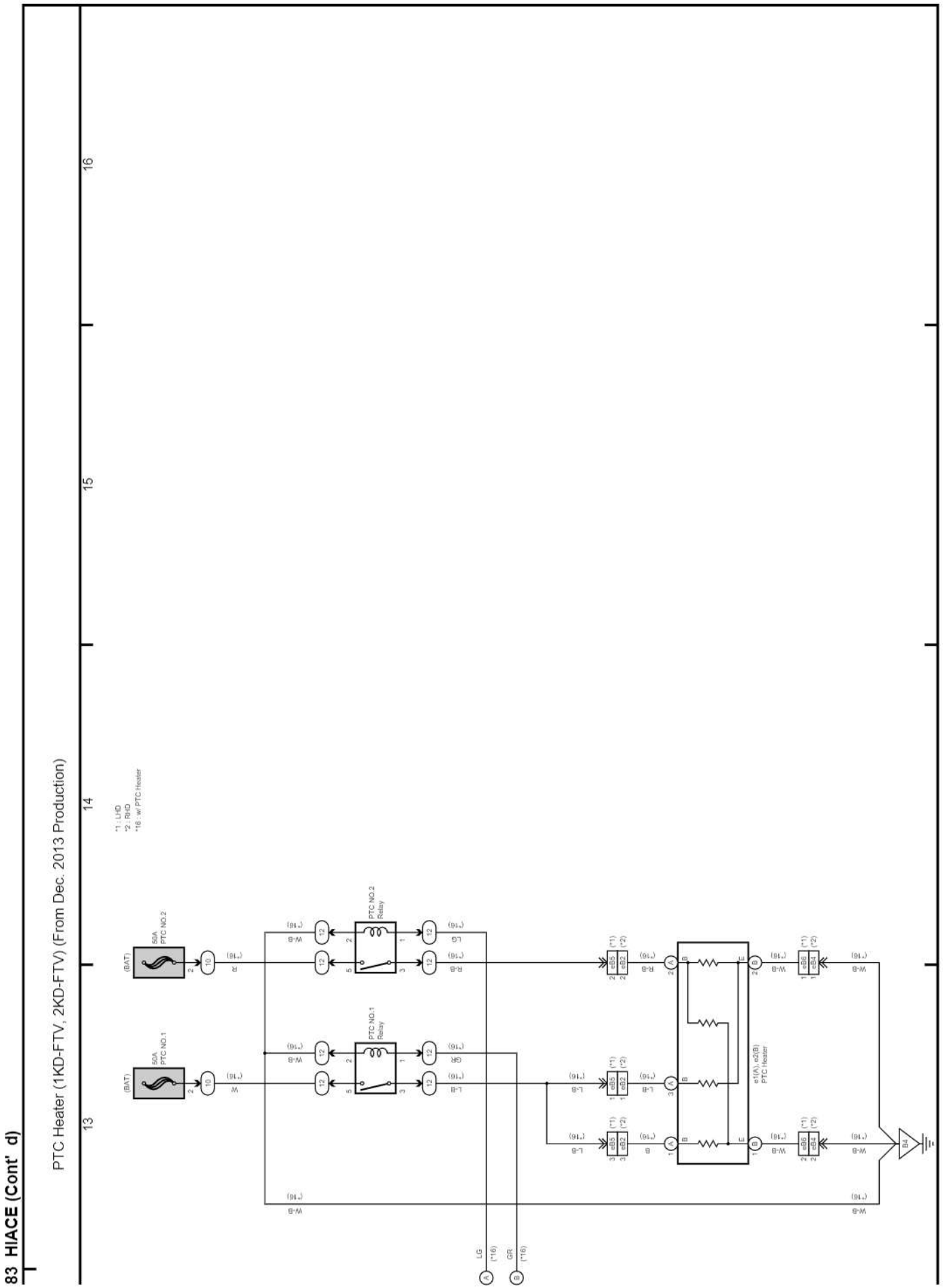

(Cont. next page)
Front Air Conditioner (1TR-FE, 2TR-FE, 1KD-FTV, 2KD-FTV) (From Dec. 2013 Production)
83 HIACE
*1 : LHD
*2 : RHD
*3 : 1KD-FTV w/ DPF
*4 : 1KD-FTV, 2KD-FTV
*5 : w/ Door Control Receiver
*6 : w/o Door Control Receiver
10A ECU-B
10A A/C NO. 1
10A GAUGE NO. 1
40A HTR FR
HTR Relay
MG CLT Relay
Diode (Magnet Clutch)
Junction Connector
Magnet Valve
D14 A/C Compressor
H70 Blower SW (Front A/C)
H2 Blower Motor (Front A/C)
H1 Blower Resistor (Front A/C)

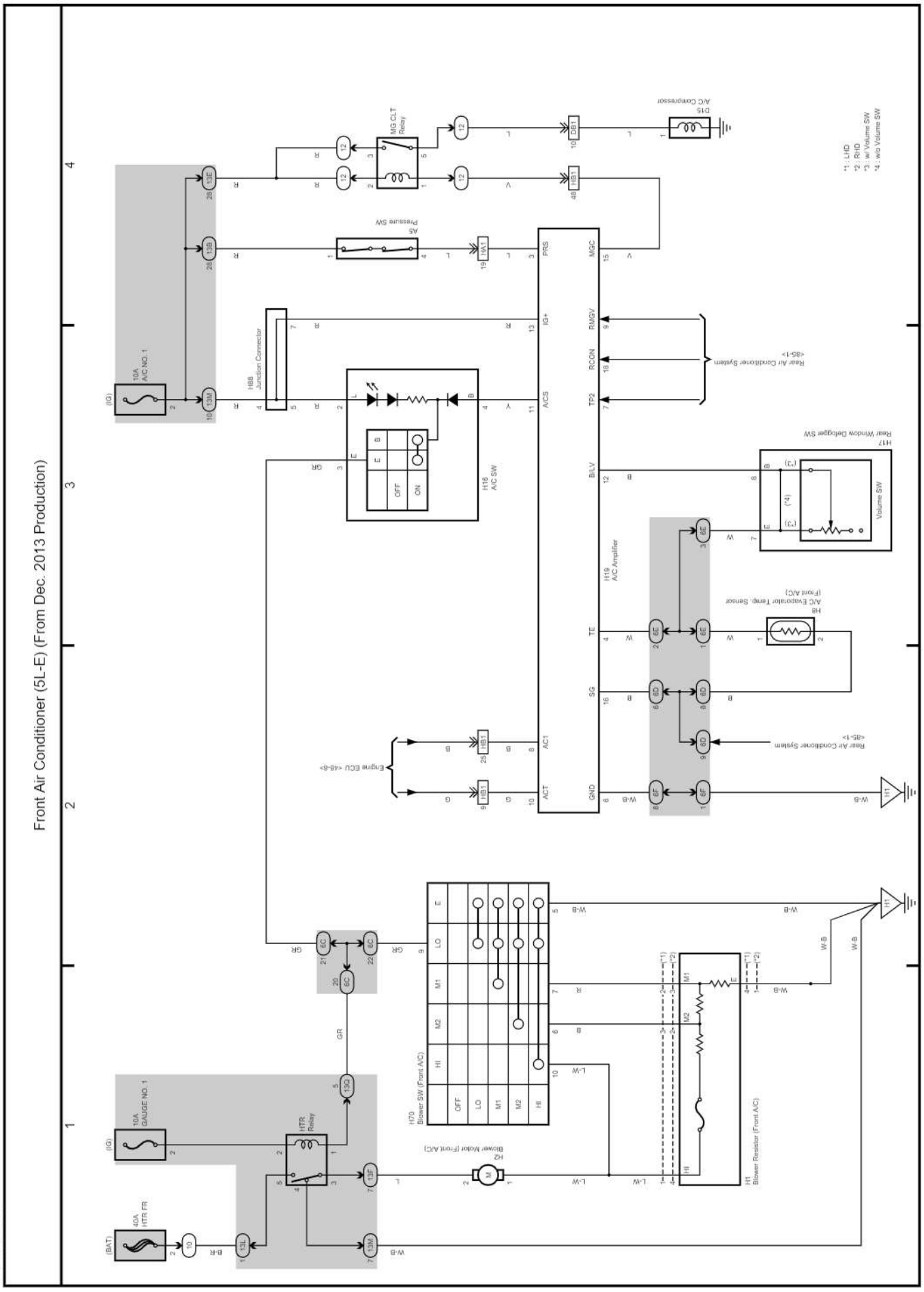
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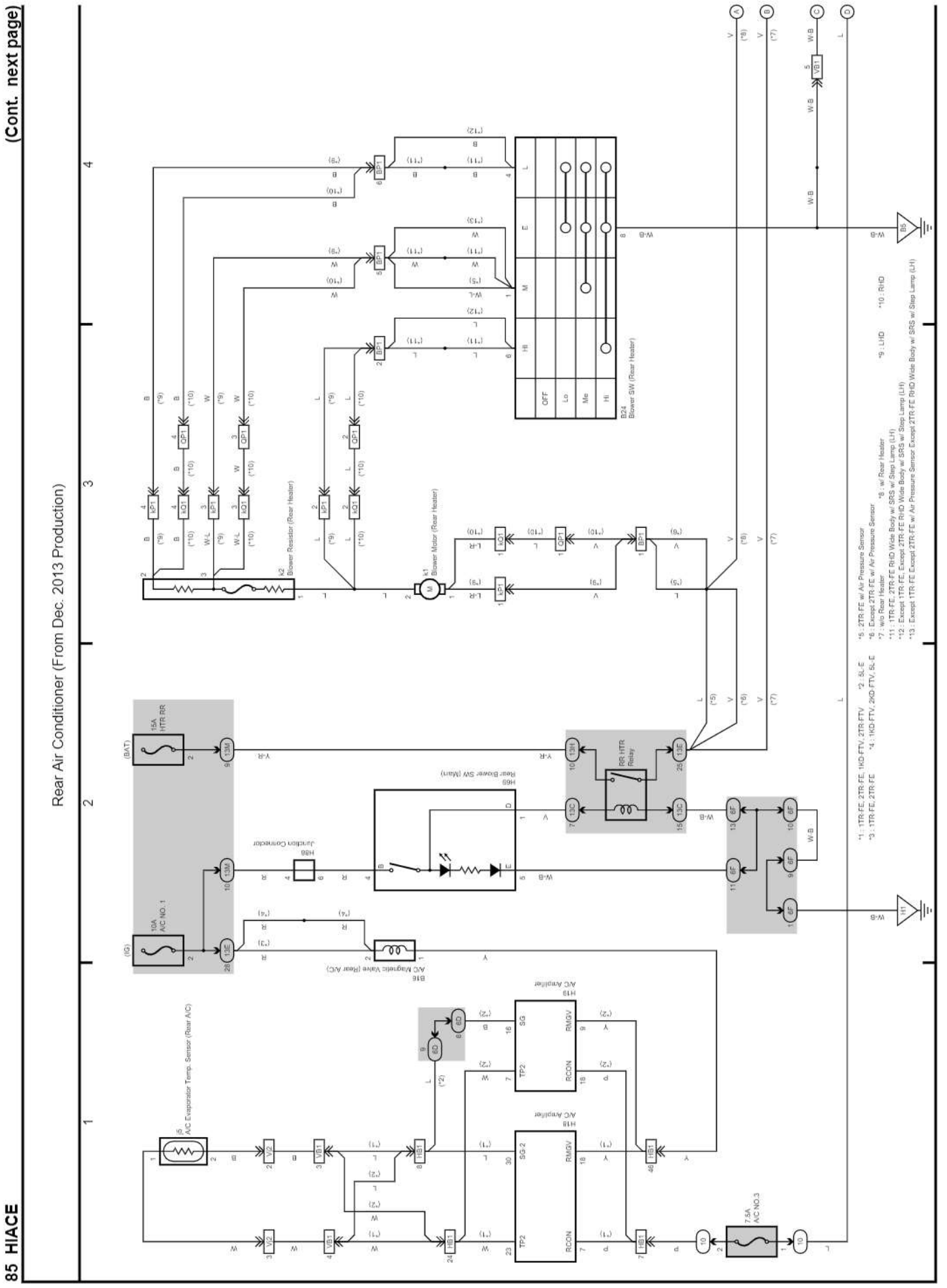


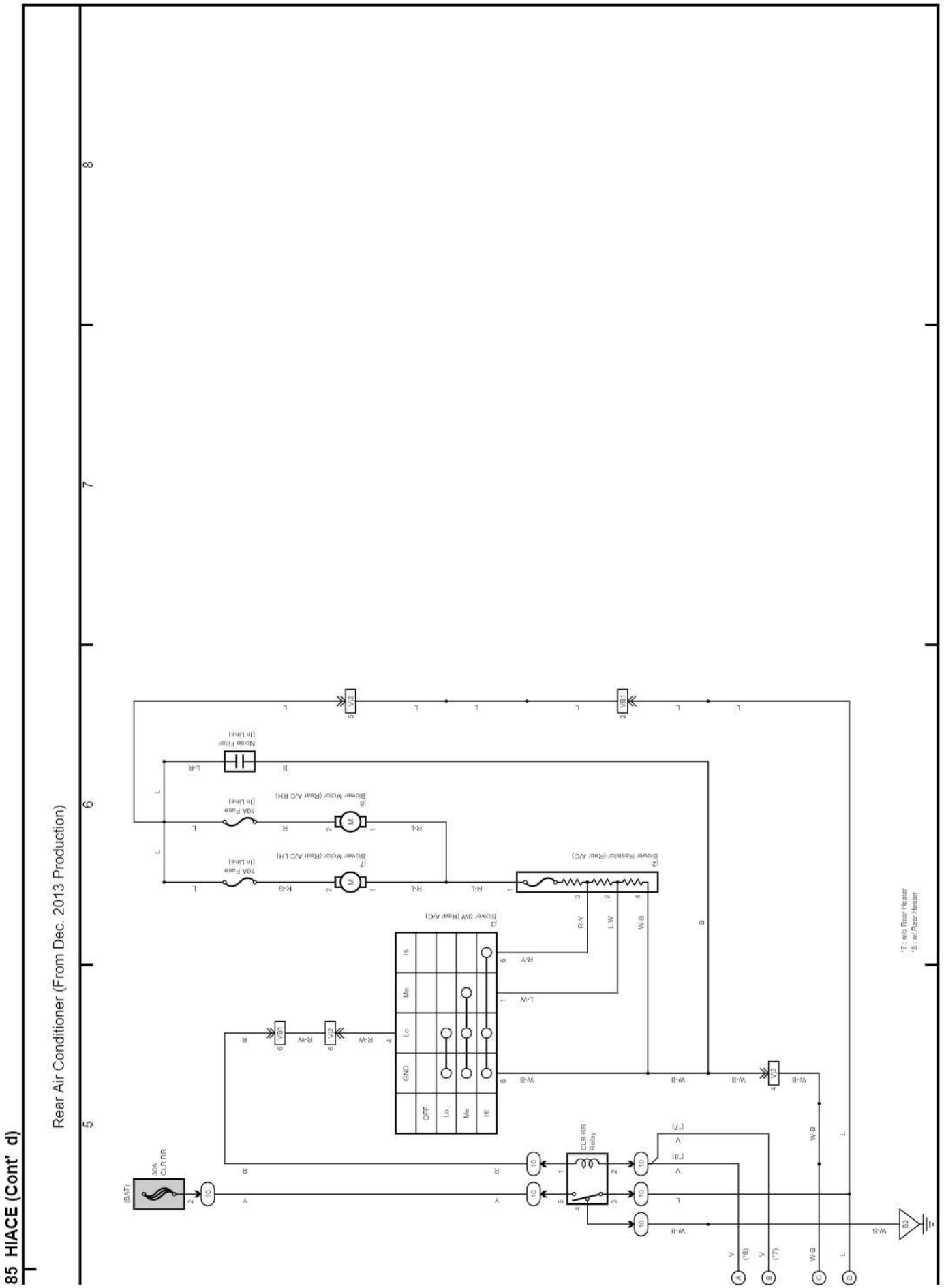
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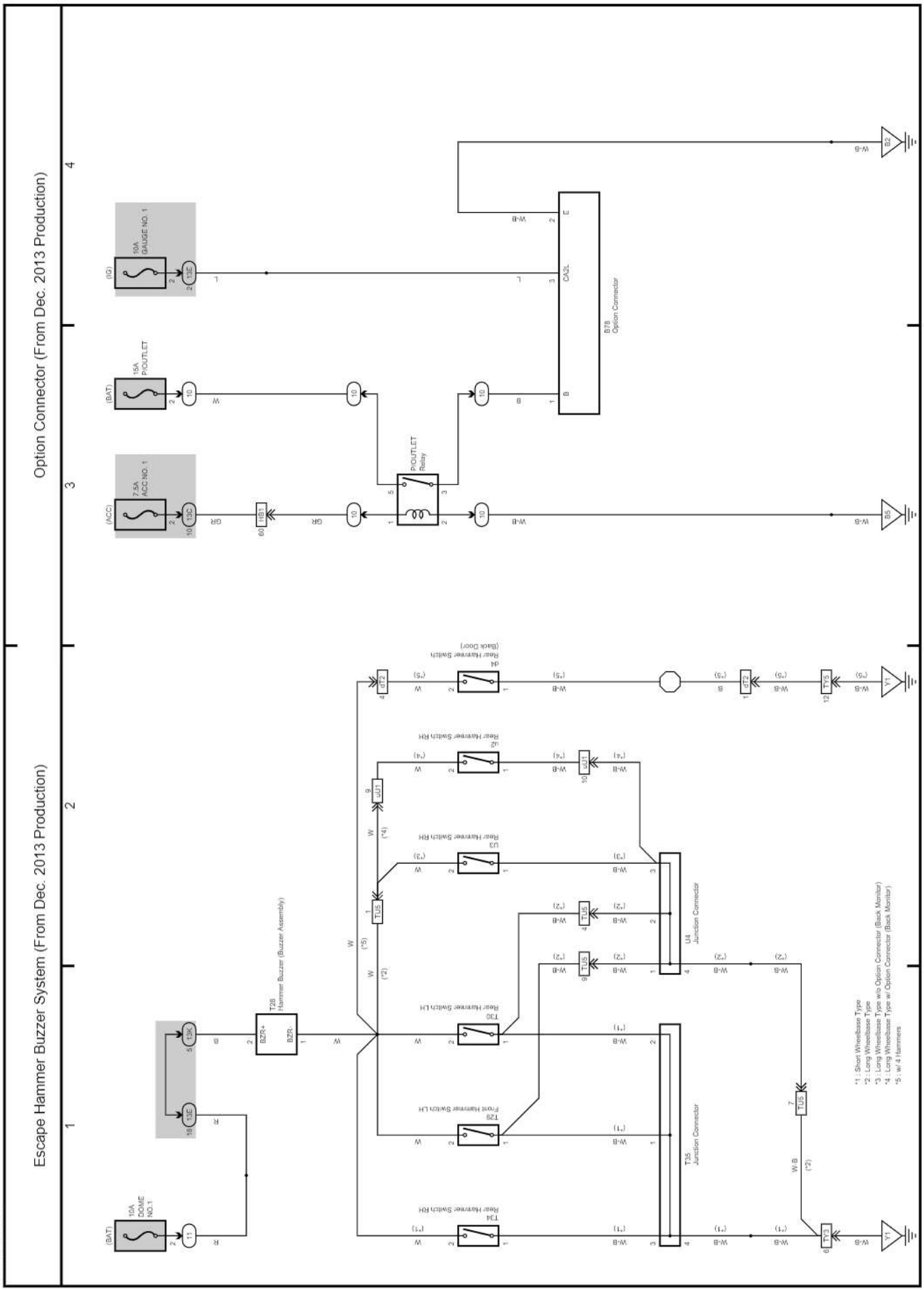



83 HIACE (Cont' d)
PTC Heater (1KD-FTV, 2KD-FTV) (From Dec. 2013 Production)
13
14
15
16
*1 : LHD
*2 : RHD
*16 : w/ PTC Heater
(BAT)
50A
PTC NO.2
(BAT)
50A
PTC NO.1
PTC NO.2
Relay
PTC NO.1
Relay
e1(A), e2(B)
PTC Heater
LG
(*16)
GR
(*16)
B4

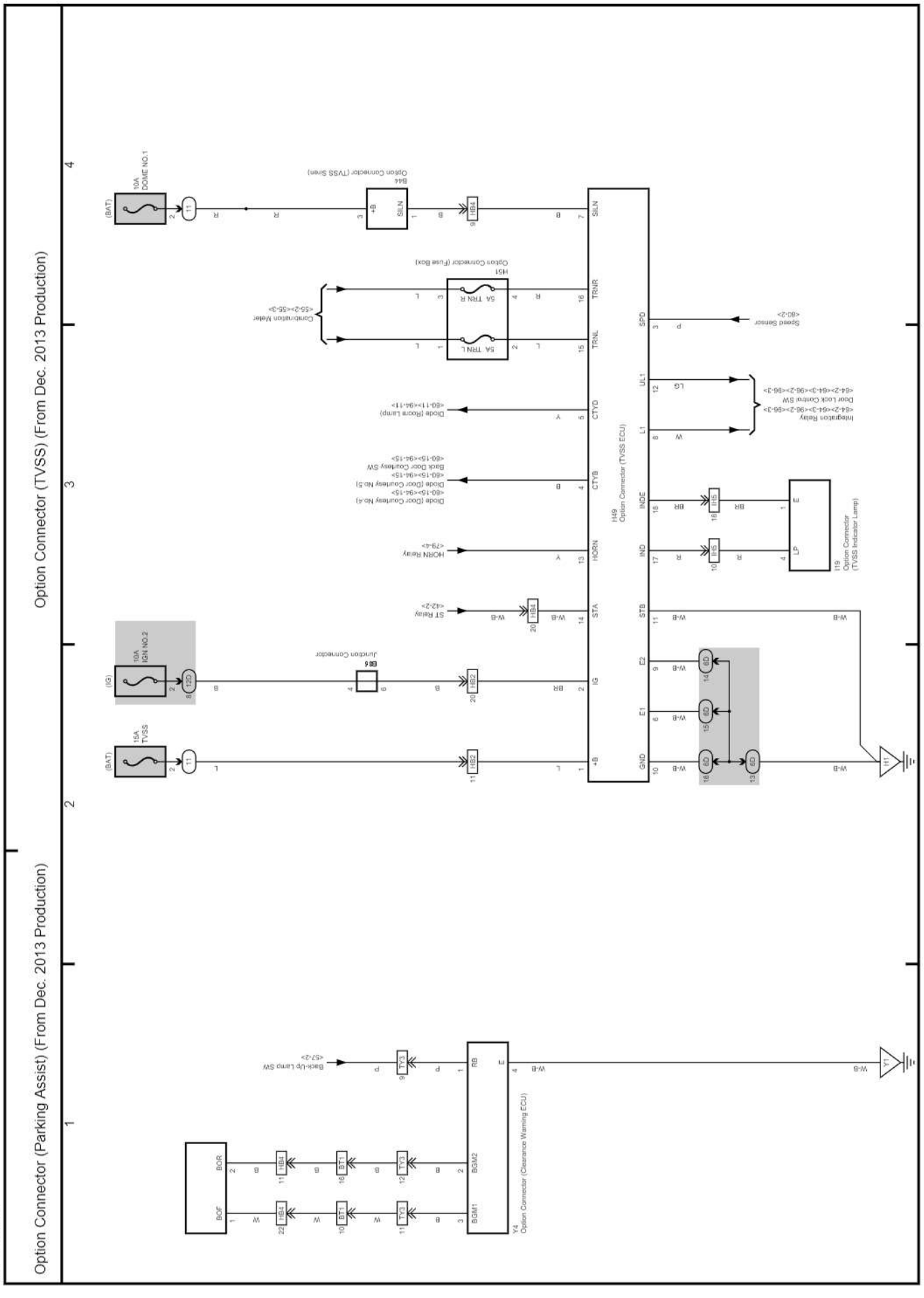

Front Air Conditioner (5L-E) (From Dec. 2013 Production)
*1 : LHD
*2 : RHD
*3 : w/ Volume SW
*4 : w/o Volume SW
A/C Compressor
MG CLT Relay
A/C NO.1
Pressure SW
Junction Connector
A/C SW
Rear Air Conditioner System
Rear Window Defogger SW
Volume SW
A/C Amplifier
A/C Evaporator Temp. Sensor (Front A/C)
Engine ECU
Blower SW (Front A/C)
Blower Motor (Front A/C)
Blower Resistor (Front A/C)
HTR Relay
GAUGE NO. 1
HTR FR
OFF
LO
M1
M2
HI

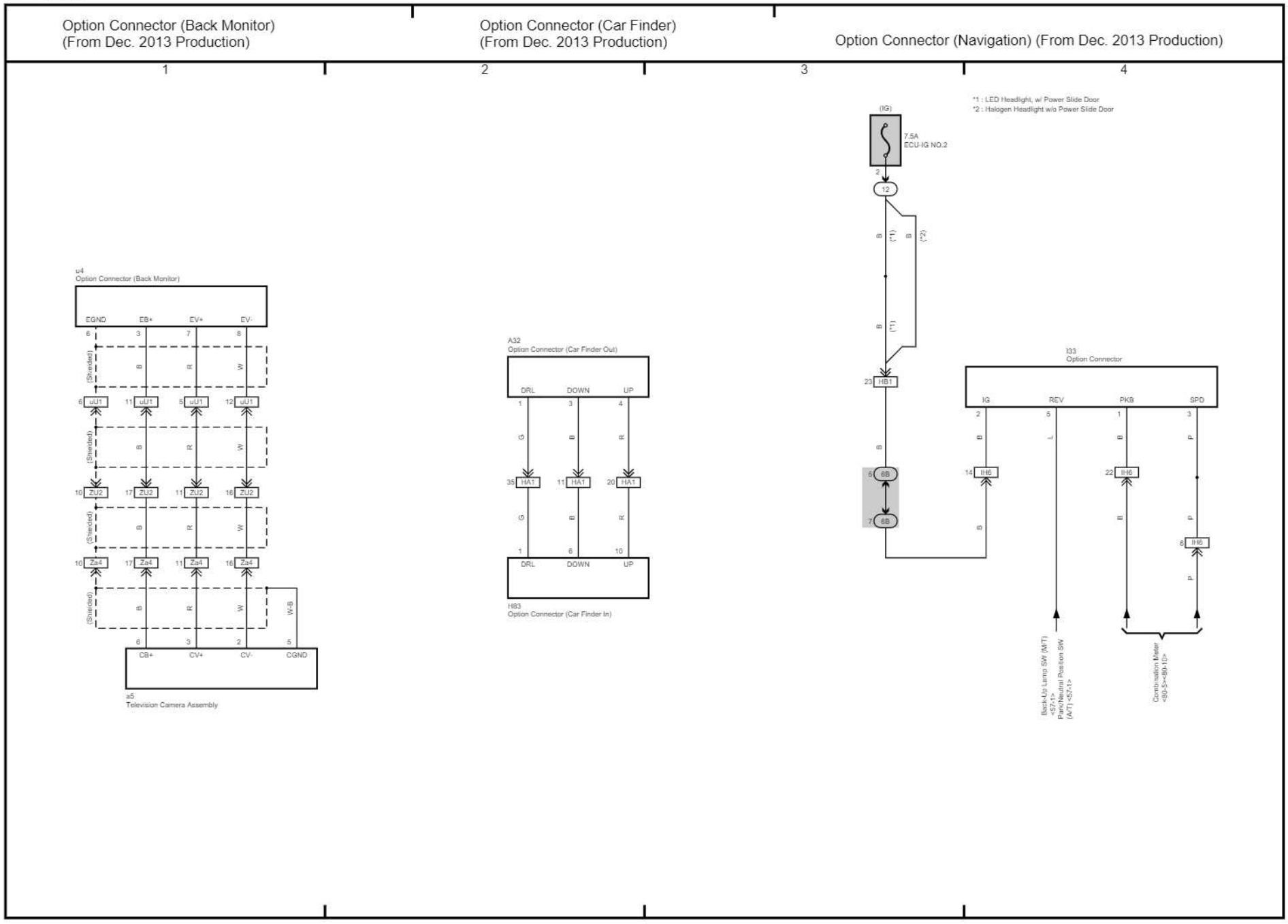

(Cont. next page)
Rear Air Conditioner (From Dec. 2013 Production)
85 HIACE
B24 Blower SW (Rear Heater)
OFF
Lo
Me
Hi
k1 Blower Motor (Rear Heater)
k2 Blower Resistor (Rear Heater)
RR HTR Relay
15A HTR RR
10A A/C NO.1
7.5A A/C NO.3
H69 Rear Blower SW (Main)
H68 Junction Connector
B16 A/C Magnetic Valve (Rear A/C)
J6 A/C Evaporator Temp. Sensor (Rear A/C)
H19 A/C Amplifier
B5
H1
*1 : 1TR-FE, 2TR-FE, 1KD-FTV, 2TR-FTV
*2 : 5L-E
*3 : 1TR-FE, 2TR-FE
*4 : 1KD-FTV, 2KD-FTV, 5L-E
*5 : 2TR-FE w/ Air Pressure Sensor
*6 : Except 2TR-FE w/ Air Pressure Sensor
*7 : w/o Rear Heater
*8 : w/ Rear Heater
*9 : LHD
*10 : RHD
*11 : 1TR-FE, 2TR-FE RHD Wide Body w/ SRS w/ Step Lamp (LH)
*12 : Except 1TR-FE, Except 2TR-FE RHD Wide Body w/ SRS w/ Step Lamp (LH)
*13 : Except 1TR-FE Except 2TR-FE w/ Air Pressure Sensor Except 2TR-FE RHD Wide Body w/ SRS w/ Step Lamp (LH)

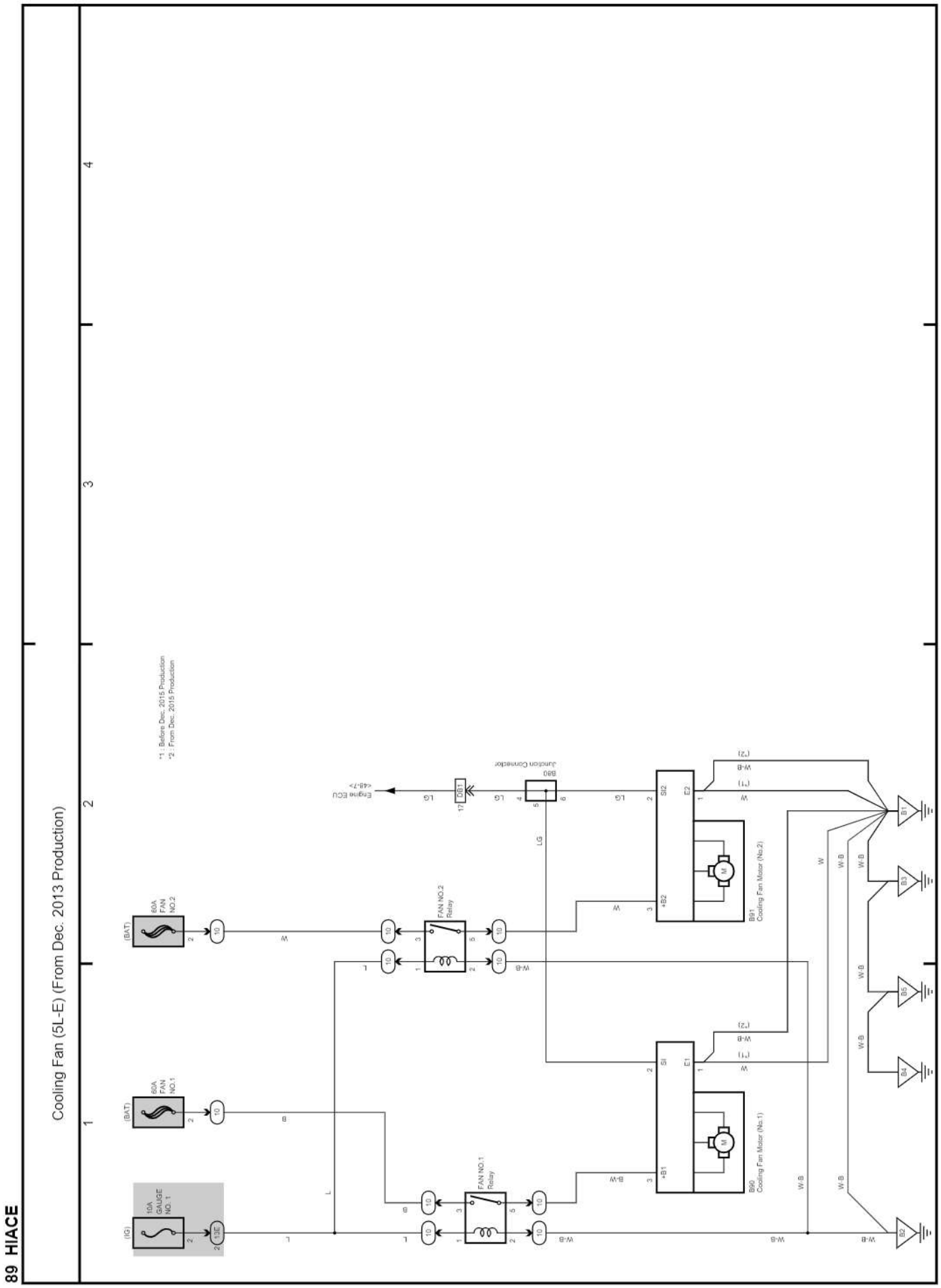

85 HIACE (Cont' d)
Rear Air Conditioner (From Dec. 2013 Production)
5
6
7
8
(BAT)
30A CLR RR
CLR RR Relay
Blower SW (Rear A/C)
OFF
Lo
Me
Hi
GND
Blower Resistor (Rear A/C)
Blower Motor (Rear A/C RH)
Blower Motor (Rear A/C LH)
Noise Filter (In Line)
10A Fuse (In Line)
*7 : w/o Rear Heater
*8 : w/ Rear Heater


Escape Hammer Buzzer System (From Dec. 2013 Production)
Option Connector (From Dec. 2013 Production)
1
2
3
4
(BAT)
10A DOME NO.1
(ACC)
7.5A ACC NO. 1
(IG)
10A GAUGE NO. 1
(BAT)
15A P/OUTLET
P/OUTLET Relay
B78 Option Connector
CA2L
B2
B5
T28 Hammer Buzzer (Buzzer Assembly)
BZR+
BZR-
Rear Hammer Switch LH
Front Hammer Switch LH
Rear Hammer Switch RH
Rear Hammer Switch RH
Rear Hammer Switch RH (Back Door)
T35 Junction Connector
U4 Junction Connector
*1 : Short Wheelbase Type
*2 : Long Wheelbase Type
*3 : Long Wheelbase Type w/o Option Connector (Back Monitor)
*4 : Long Wheelbase Type w/ Option Connector (Back Monitor)
*5 : w/ 4 Hammers

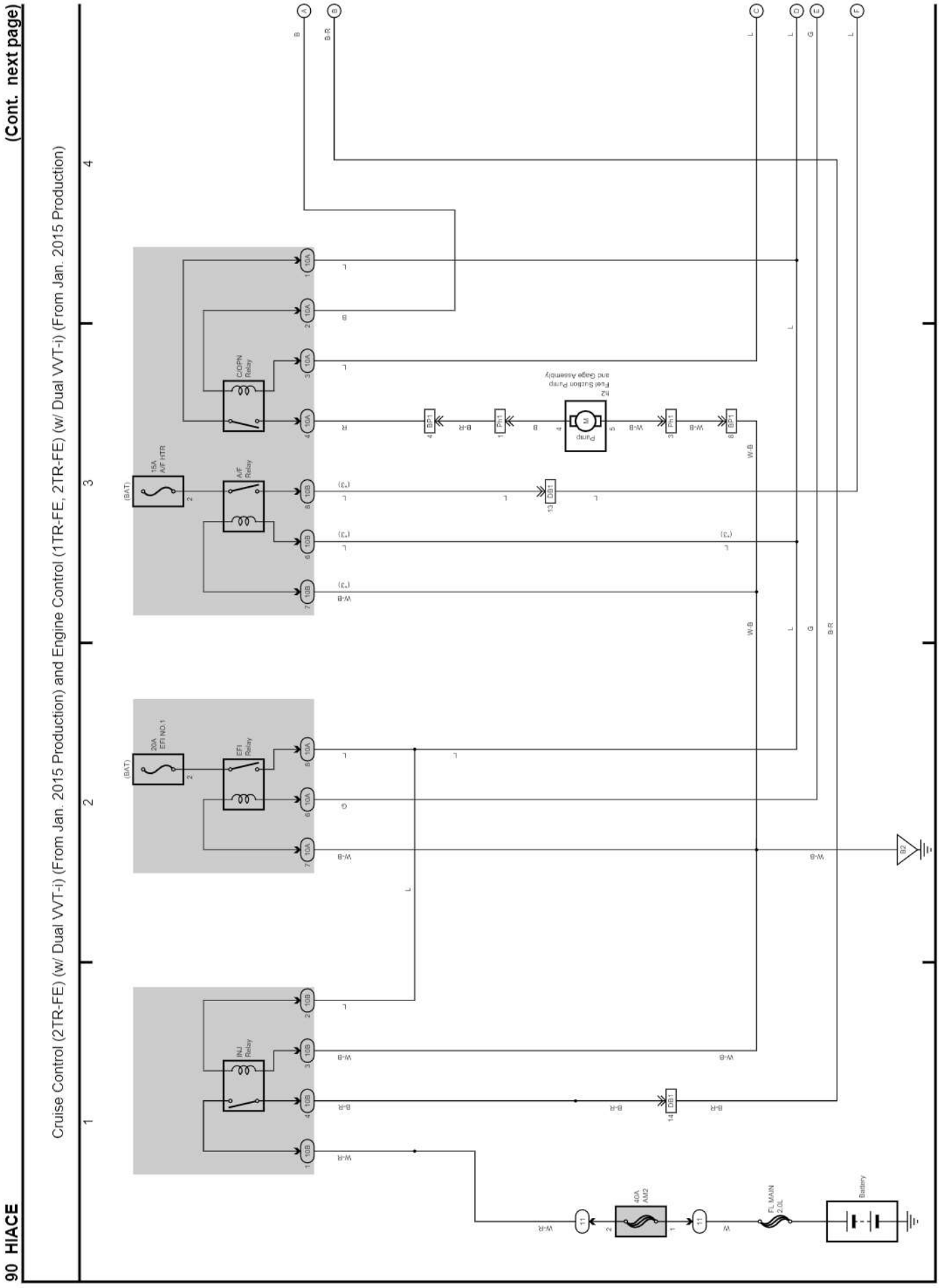
87 HIACE


Option Connector (Parking Assist) (From Dec. 2013 Production)
Option Connector (TVSS) (From Dec. 2013 Production)
1
2
3
4
(BAT)
15A TVSS
(IG)
10A IGN NO.2
10A DOME NO.1
Junction Connector
Option Connector (TVSS Siren)
Option Connector (Fuse Box)
Contravitor Motor
Diode (Room Lamp)
Diode (Door Courtesy No.4)
Diode (Door Courtesy No.5)
Back Door Courtesy SW
HORN Relay
ST Relay
Integration Relay
Door Lock Contro SW
Speed Sensor
Back-Up Lamp SW
H49
Option Connector (TVSS ECU)
I19
Option Connector
(TVSS Indicator Lamp)
X4
Option Connector (Clearance Warning ECU)

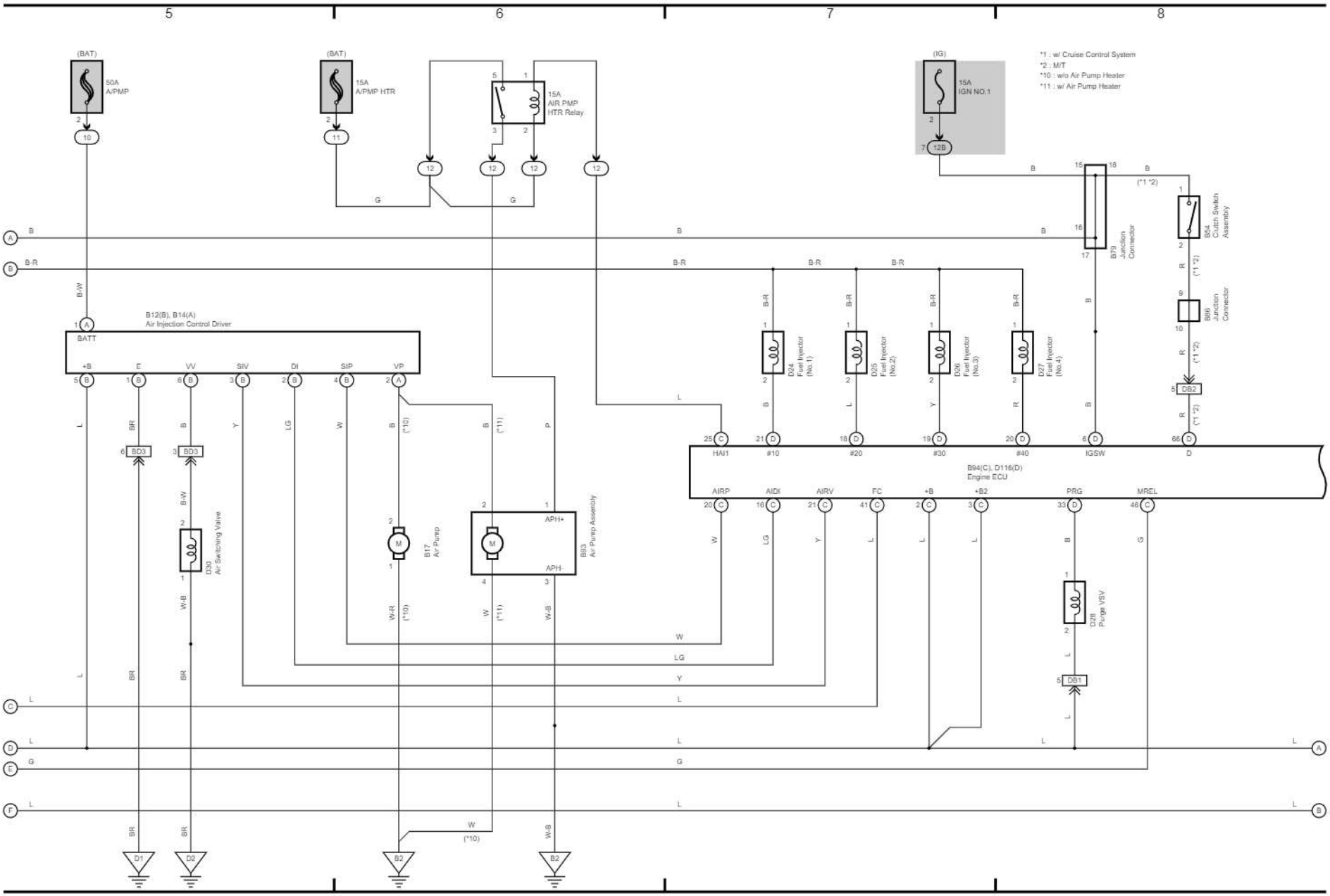

Option Connector (Back Monitor)
(From Dec. 2013 Production)
Option Connector (Car Finder)
(From Dec. 2013 Production)
Option Connector (Navigation) (From Dec. 2013 Production)
1
2
3
4
*1 : LED Headlight, w/ Power Slide Door
*2 : Halogen Headlight w/o Power Slide Door
(IG)
7.5A
ECU-IG NO.2
2
12
B
(*1)
B
(*2)
B
(*1)
23 HB1
B
5 6B
7 6B
B
u4
Option Connector (Back Monitor)
EGND
EB+
EV+
EV-
6
3
7
8
(Shielded)
B
R
W
6 uU1
11 uU1
5 uU1
12 uU1
10 ZU2
17 ZU2
11 ZU2
16 ZU2
10 Za4
17 Za4
11 Za4
16 Za4
W-B
6
3
2
5
CB+
CV+
CV-
CGND
a5
Television Camera Assembly
A32
Option Connector (Car Finder Out)
DRL
DOWN
UP
1
3
4
G
B
R
35 HA1
11 HA1
20 HA1
1
6
10
H83
Option Connector (Car Finder In)
I33
Option Connector
IG
REV
PKB
SPD
2
5
1
3
14 IH6
22 IH6
6 IH6
Back-Up Lamp SW (MT) <5T-1>
Park/Neutral Position SW (A/T) <5T-1>
Combination Meter <80-5><80-10>
M


Cooling Fan (5L-E) (From Dec. 2013 Production)
*1 : Before Dec. 2015 Production
*2 : From Dec. 2015 Production
(BAT)
60A FAN NO.2
(BAT)
60A FAN NO.1
(IG)
10A GAUGE NO. 1
FAN NO.2 Relay
FAN NO.1 Relay
Engine ECU <4B-7>
DG1
Junction Connector
B80
B91 Cooling Fan Motor (No.2)
B90 Cooling Fan Motor (No.1)
B1
B3
B5
B4
B2

M OVERALL ELECTRICAL WIRING DIAGRAM

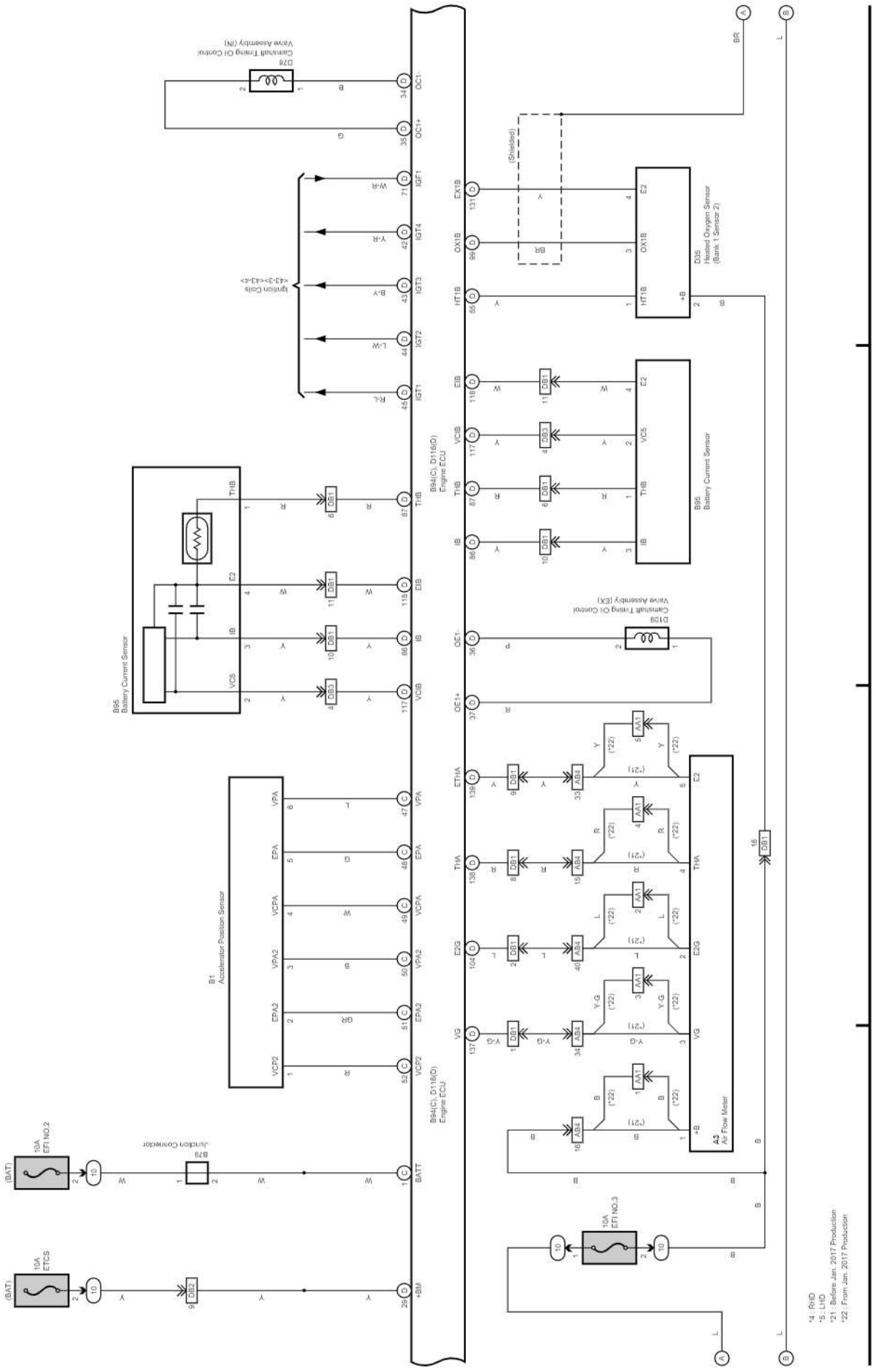


Cruise Control (2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production) and Engine Control (1TR-FE, 2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production)

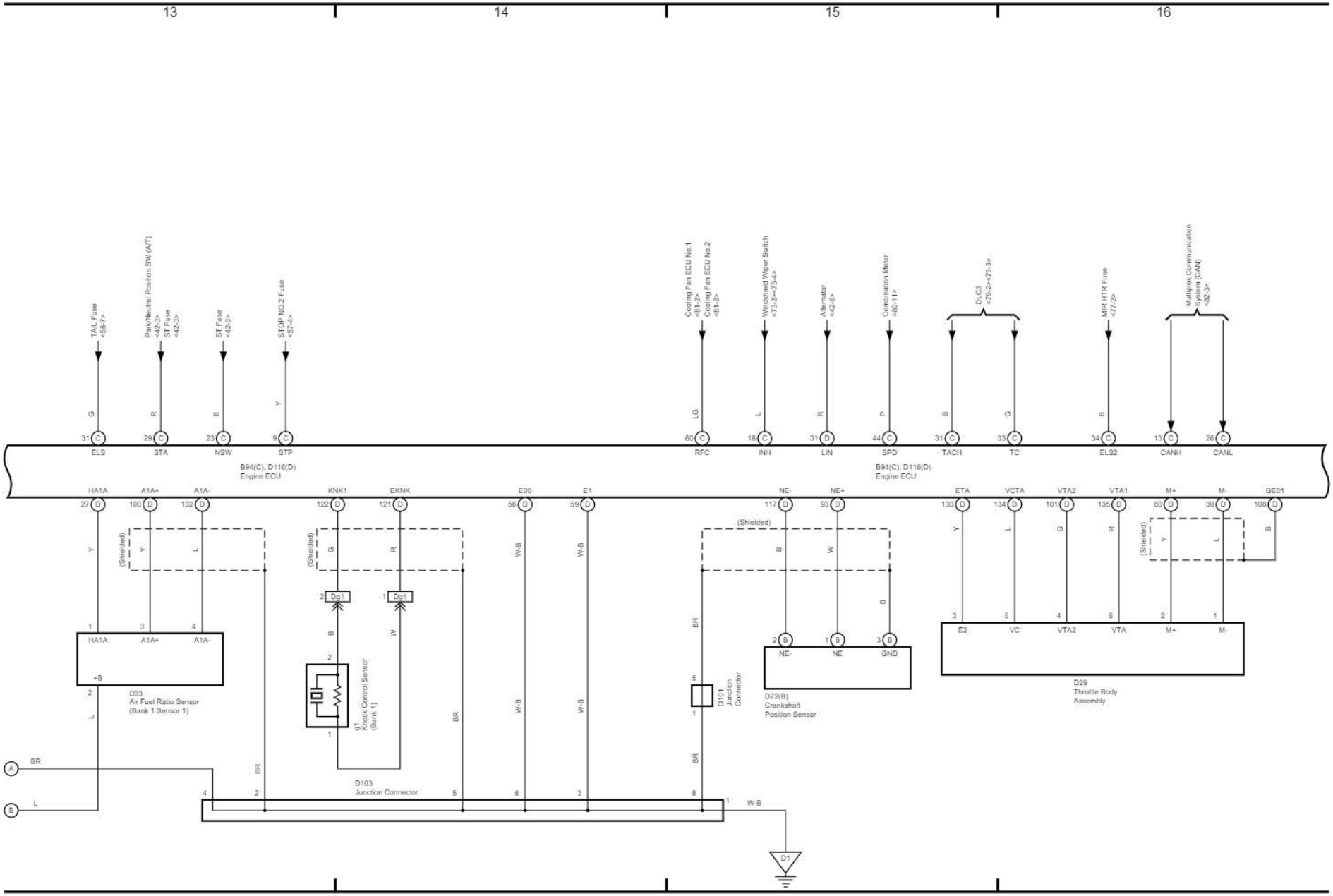


(Cont. next page)

Cruise Control (2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production) and Engine Control (1TR-FE, 2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production)



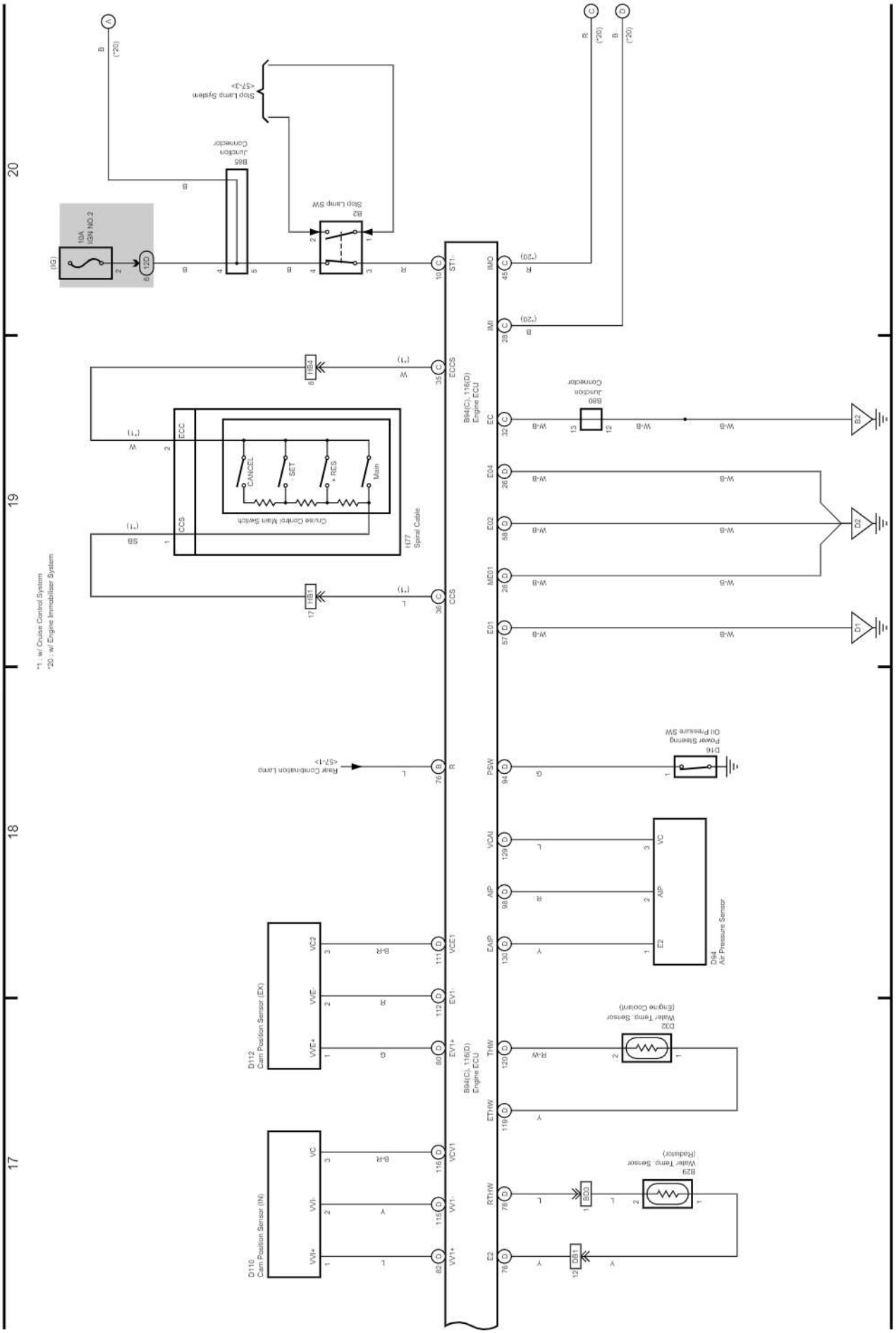
Cruise Control (2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production) and Engine Control (1TR-FE, 2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production)



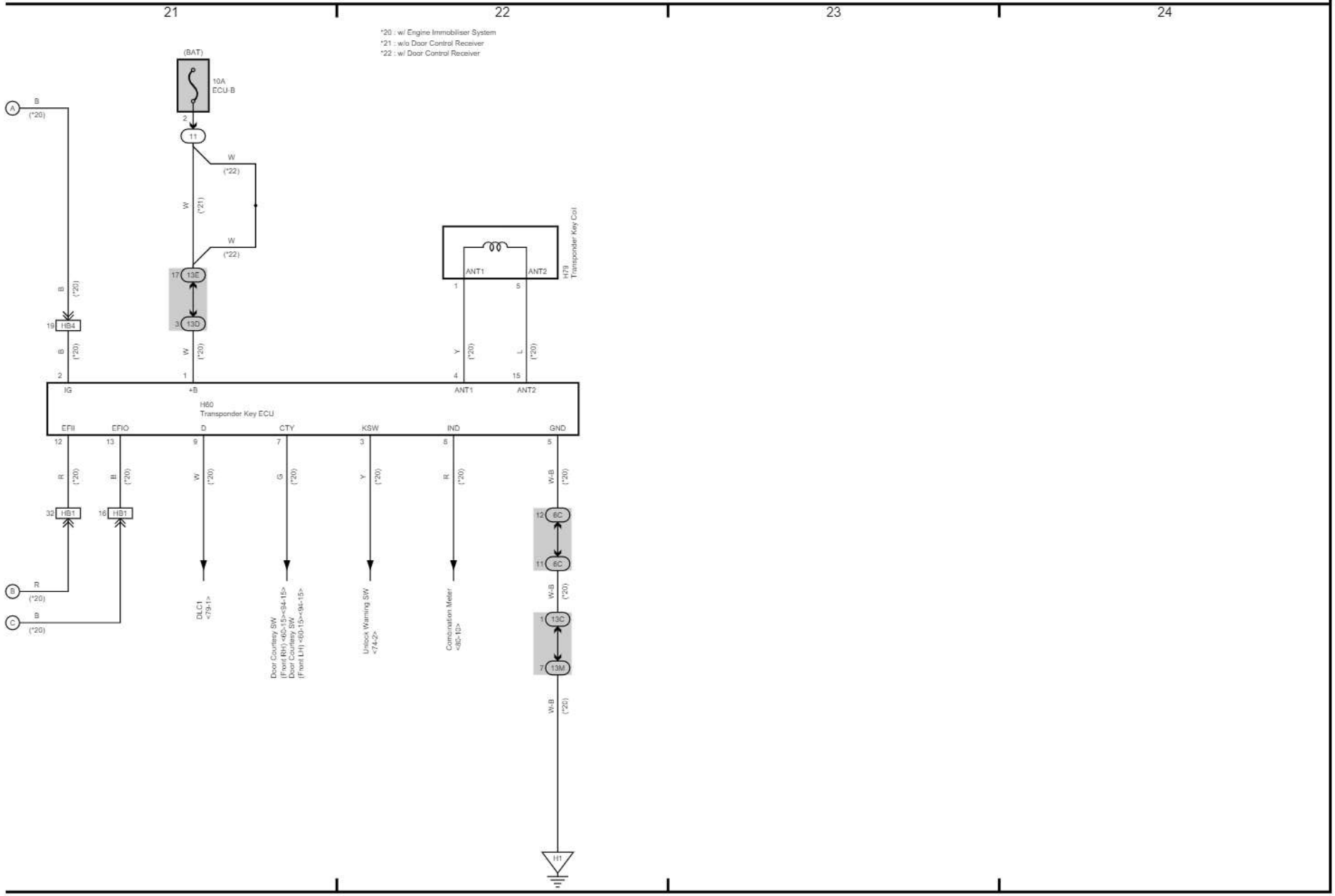
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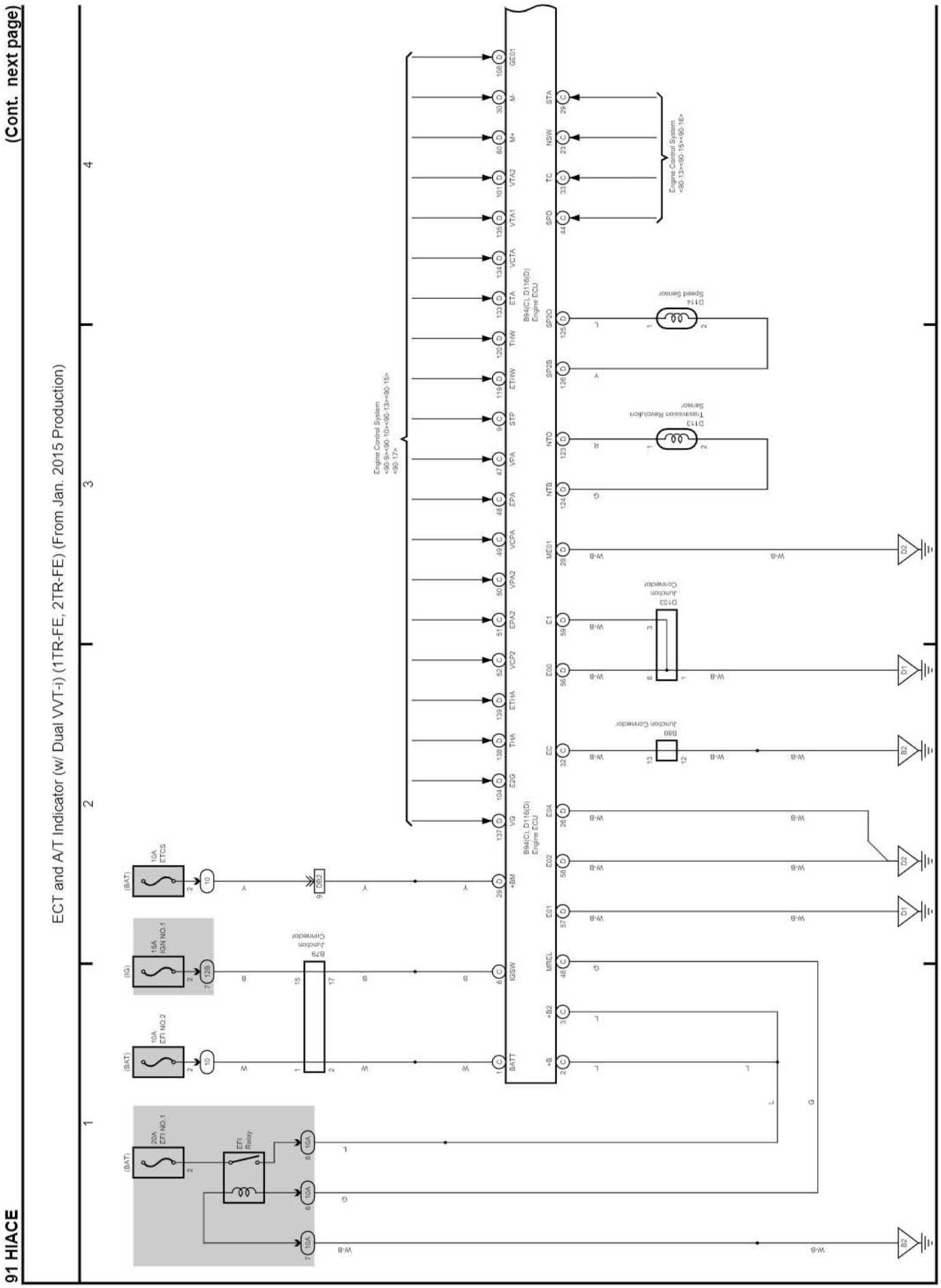
90 HIACE (Cont' d)

Cruise Control (2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production) and Engine Control (1TR-FE, 2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production)



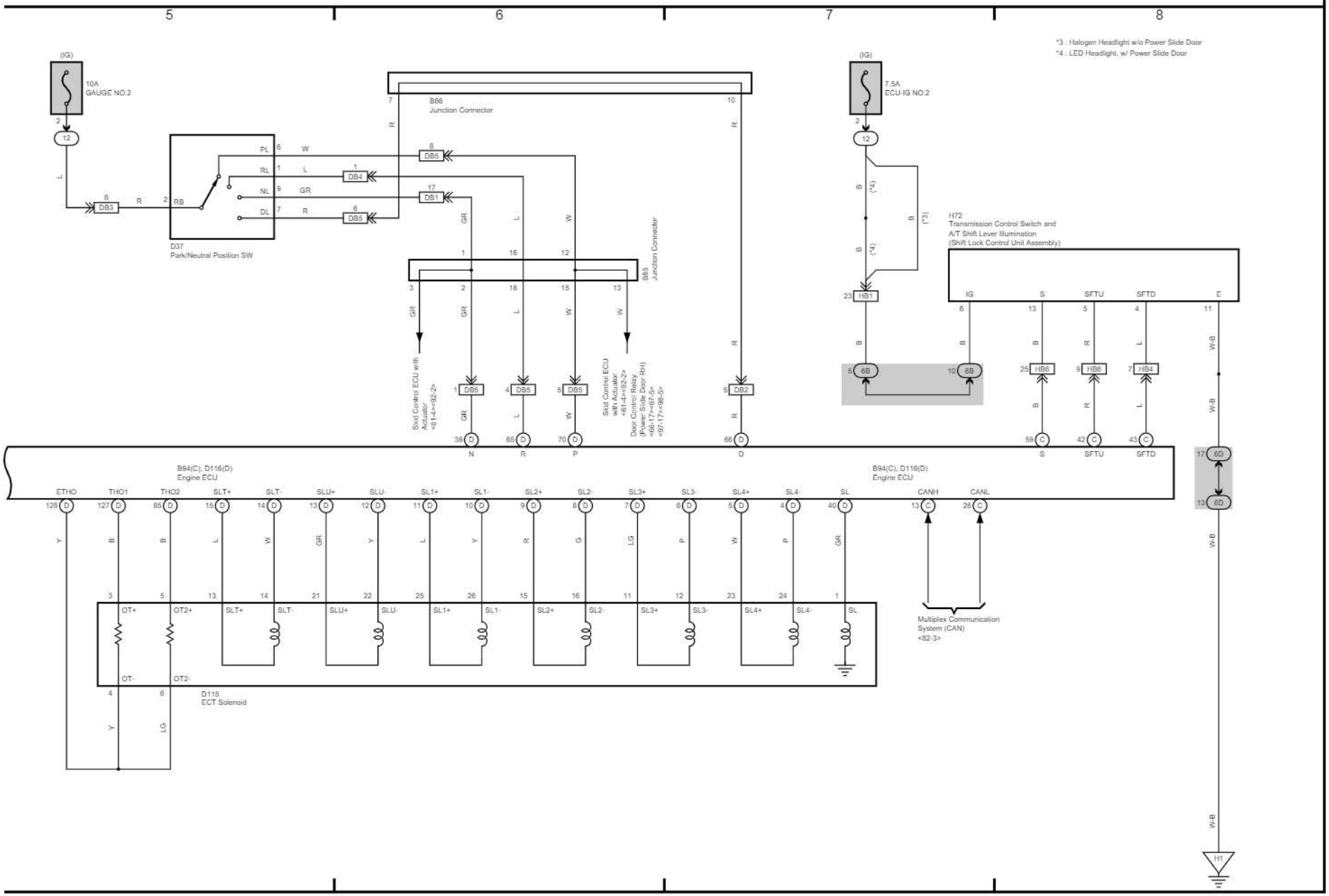
Engine Immobiliser System (1TR-FE, 2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production)

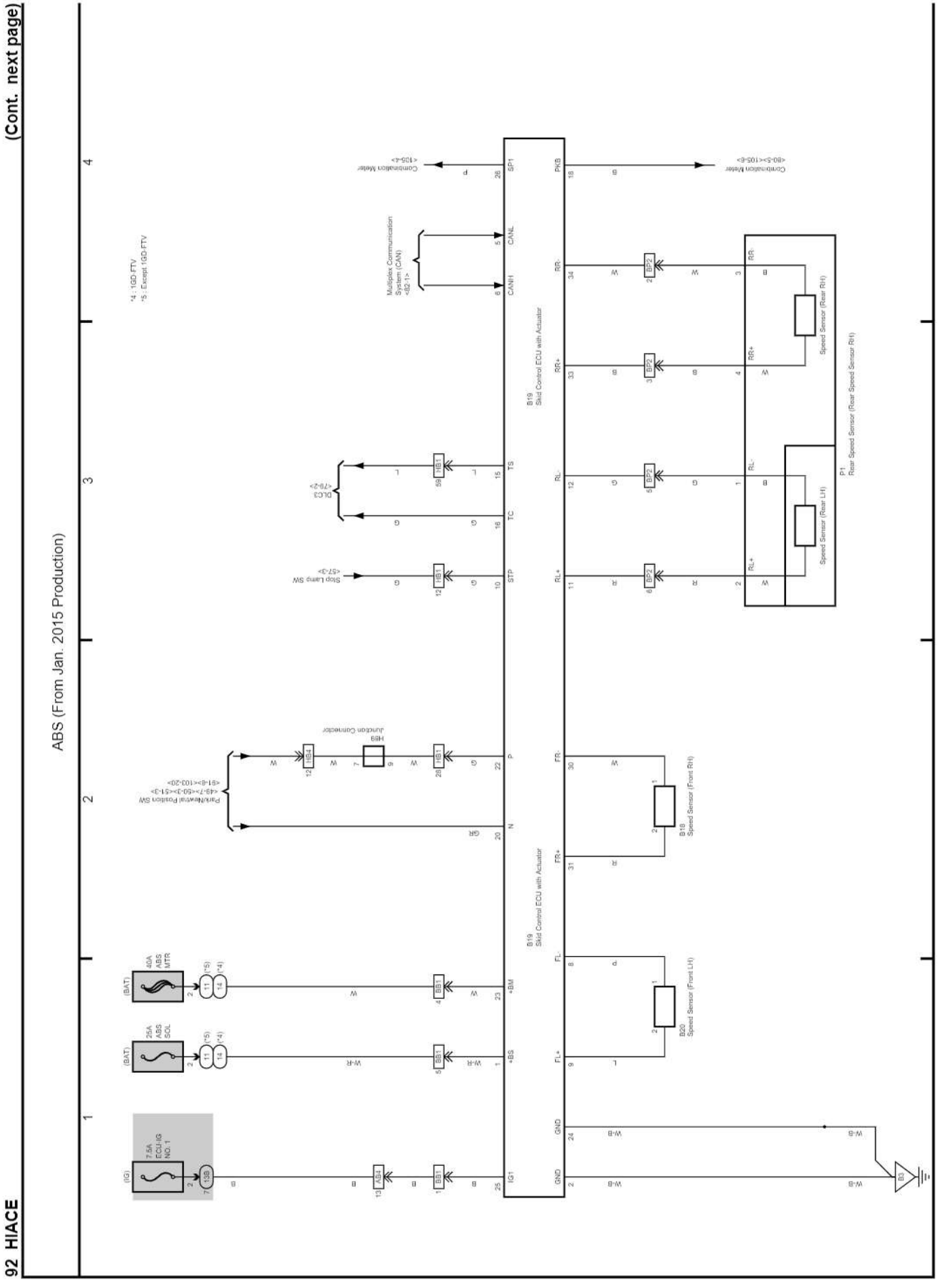



(Cont. next page)
ECT and A/T Indicator (w/ Dual VVT-i) (1TR-FE, 2TR-FE) (From Jan. 2015 Production)
91 HIACE
Engine Control System
<90 S><90-10><90-13><90-15>
<90-17>
Engine Control System
<90-13><90-15><90-16>
B94(CI, D116(D)
Engine ECU
Speed Sensor
Transistor Revolution Sensor
Junction Connector
10A ETCS
15A IGN NO.1
10A EFI NO.2
20A EFI NO.1
EFI Relay
(BAT)
(IG)

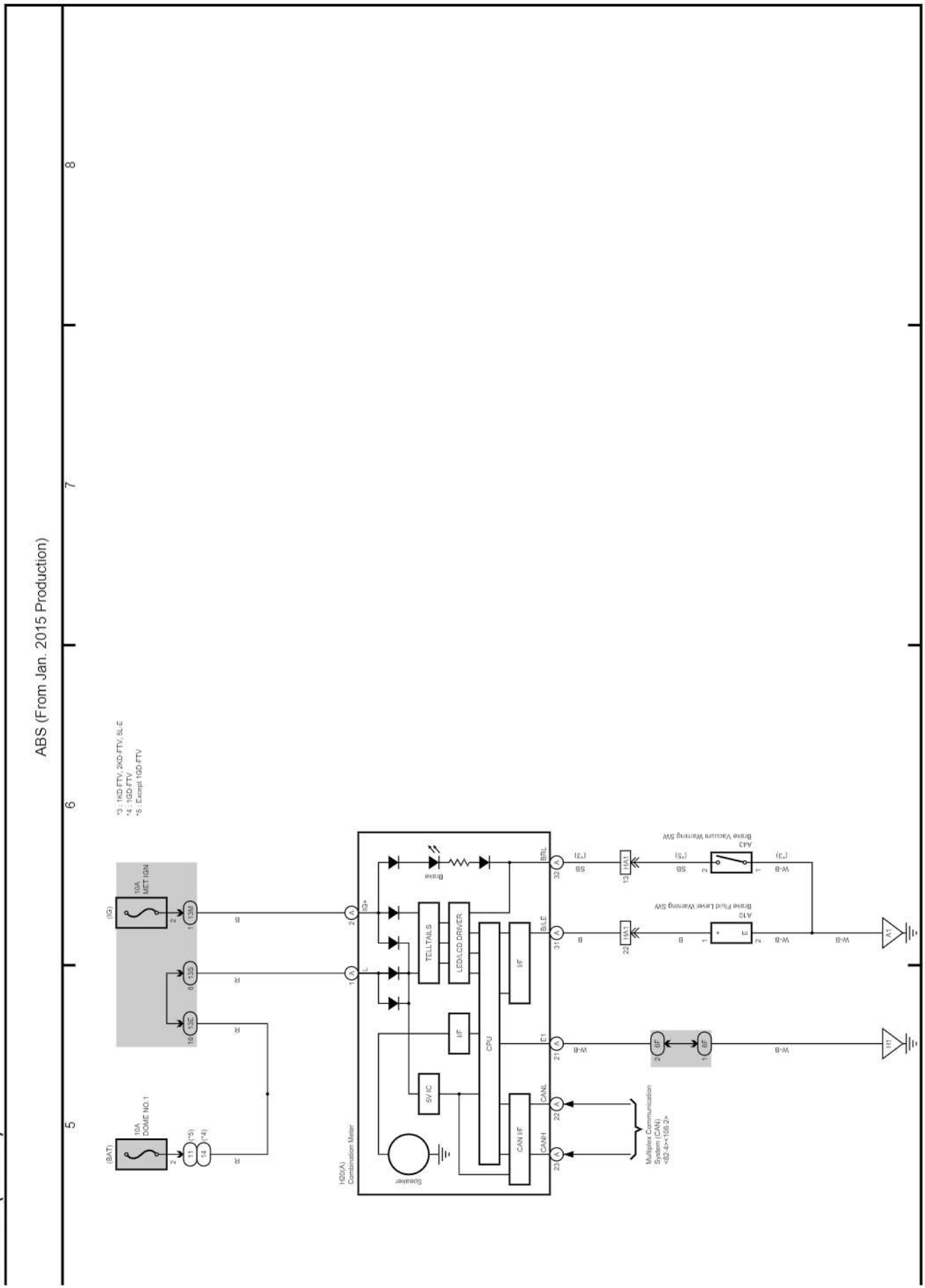
(Cont. next page)

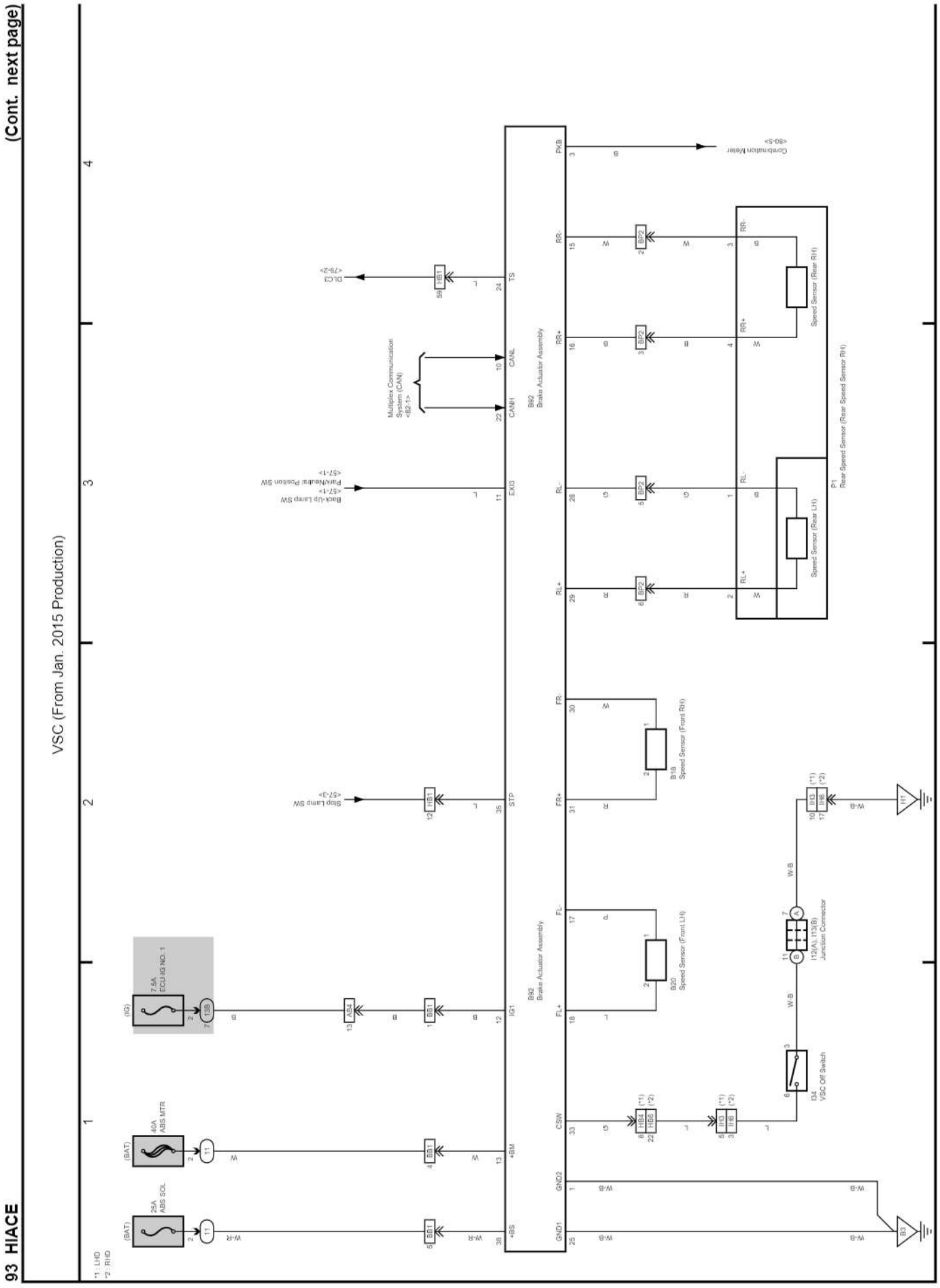
ECT and A/T Indicator (1TR-FE, 2TR-FE) (w/ Dual VVT-i) (From Jan. 2015 Production)



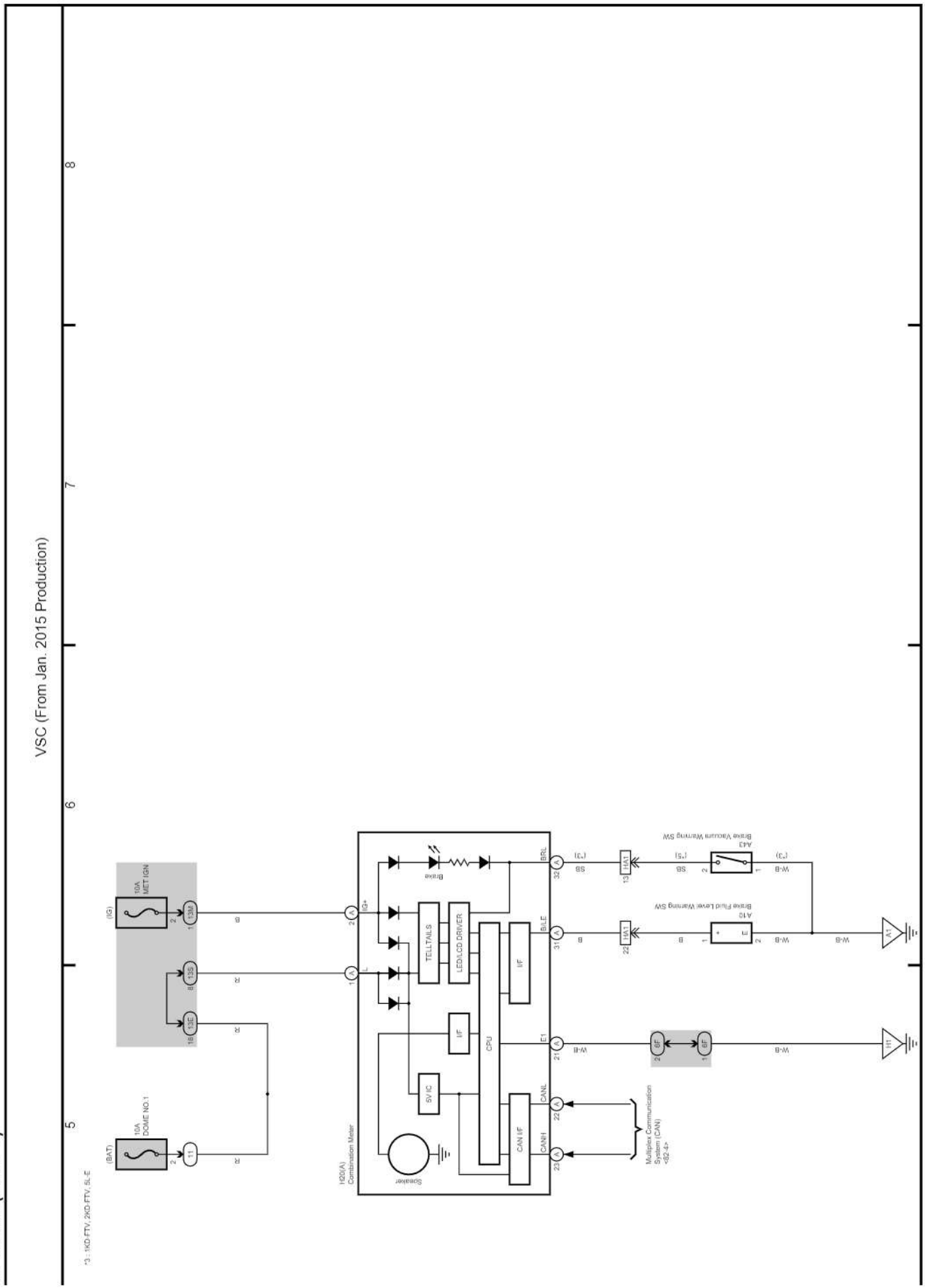

(Cont. next page)
ABS (From Jan. 2015 Production)
*4: 1GD-FTV
*5: Except 1GD-FTV
B19
Skid Control ECU with Actuator
Multiplex Communication System (CAN) <82-1>
Combination Meter <105-4>
Combination Meter <80-5><105-6>
Stop Lamp SW <57-3>
DLC3 <78-2>
P/N/Neutral Position SW <49-7><50-3><51-3> <81-8><103-ZD>
Junction Connector HB9
B18
Speed Sensor (Front RH)
B20
Speed Sensor (Front LH)
P1
Rear Speed Sensor (Rear Speed Sensor RH)
Speed Sensor (Rear RH)
Speed Sensor (Rear LH)
7.5A ECU-IG NO. 1
25A ABS SOL
40A ABS MTR
B3

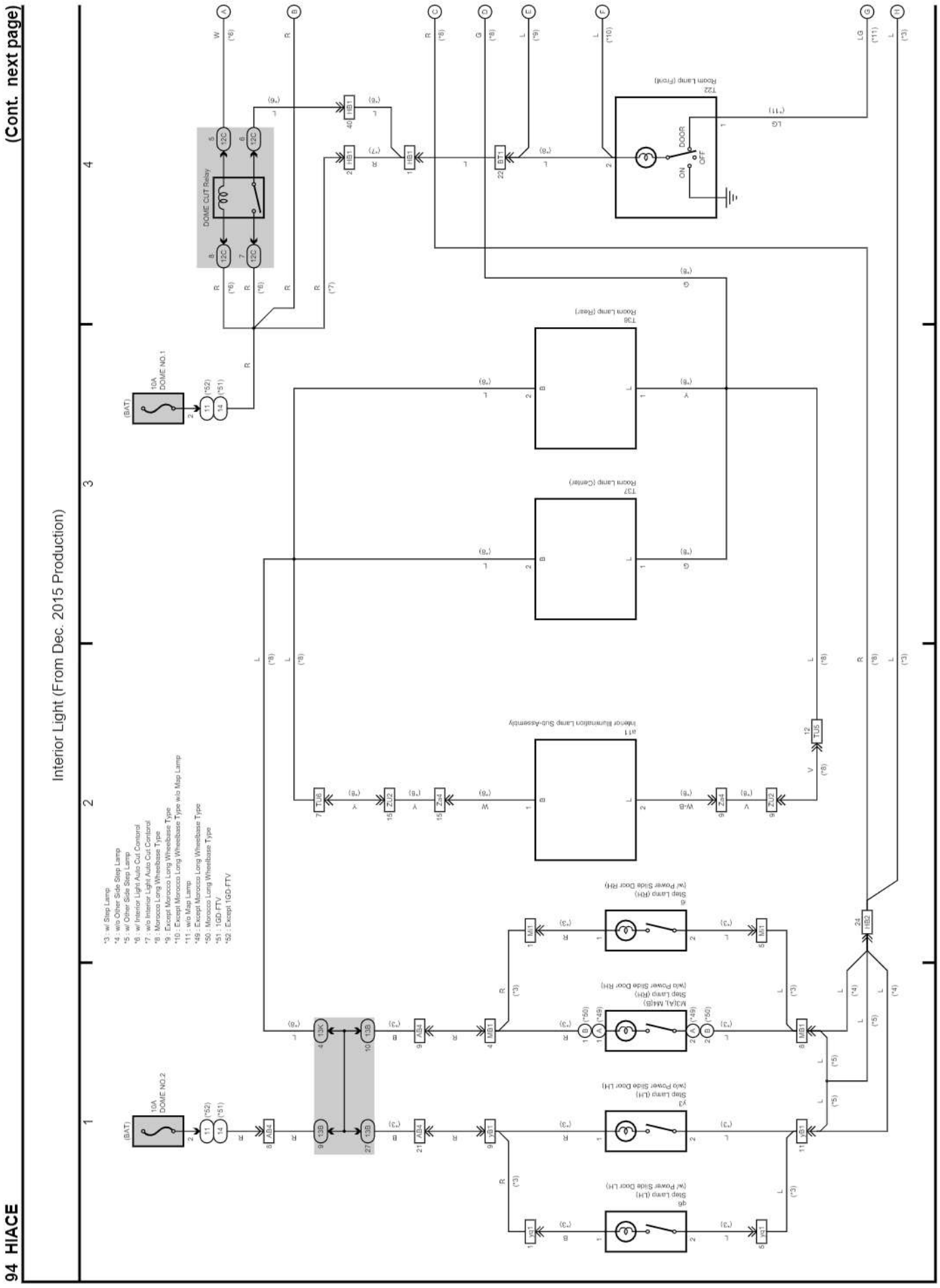
92 HIACE (Cont' d)




(Cont. next page)
VSC (From Jan. 2015 Production)
93 HIACE
*1 : LHD
*2 : RHD
1
2
3
4
(BAT)
25A
ABS SOL
(BAT)
40A
ABS MTR
(IG)
7.5A
ECU-IG NO. 1
B92
Brake Actuator Assembly
+BS
+BM
IG1
STP
CANH
CANL
TS
EX3
FR+
FR-
FL+
FL-
RL+
RL-
RR+
RR-
CSW
GND1
GND2
PKB
B18
Speed Sensor (Front RH)
B20
Speed Sensor (Front LH)
P1
Rear Speed Sensor (Rear Speed Sensor RH)
Speed Sensor (Rear RH)
Speed Sensor (Rear LH)
I12(A), I13(B)
Junction Connector
I34
VSC Off Switch
Multiplex Communication System (CAN)
<82-1>
Back-Up Lamp SW
<57-1>
Park/Neutral Position SW
<57-1>
Stop Lamp SW
<57-3>
DLC3
<79-2>
Combination Meter
<80-5>

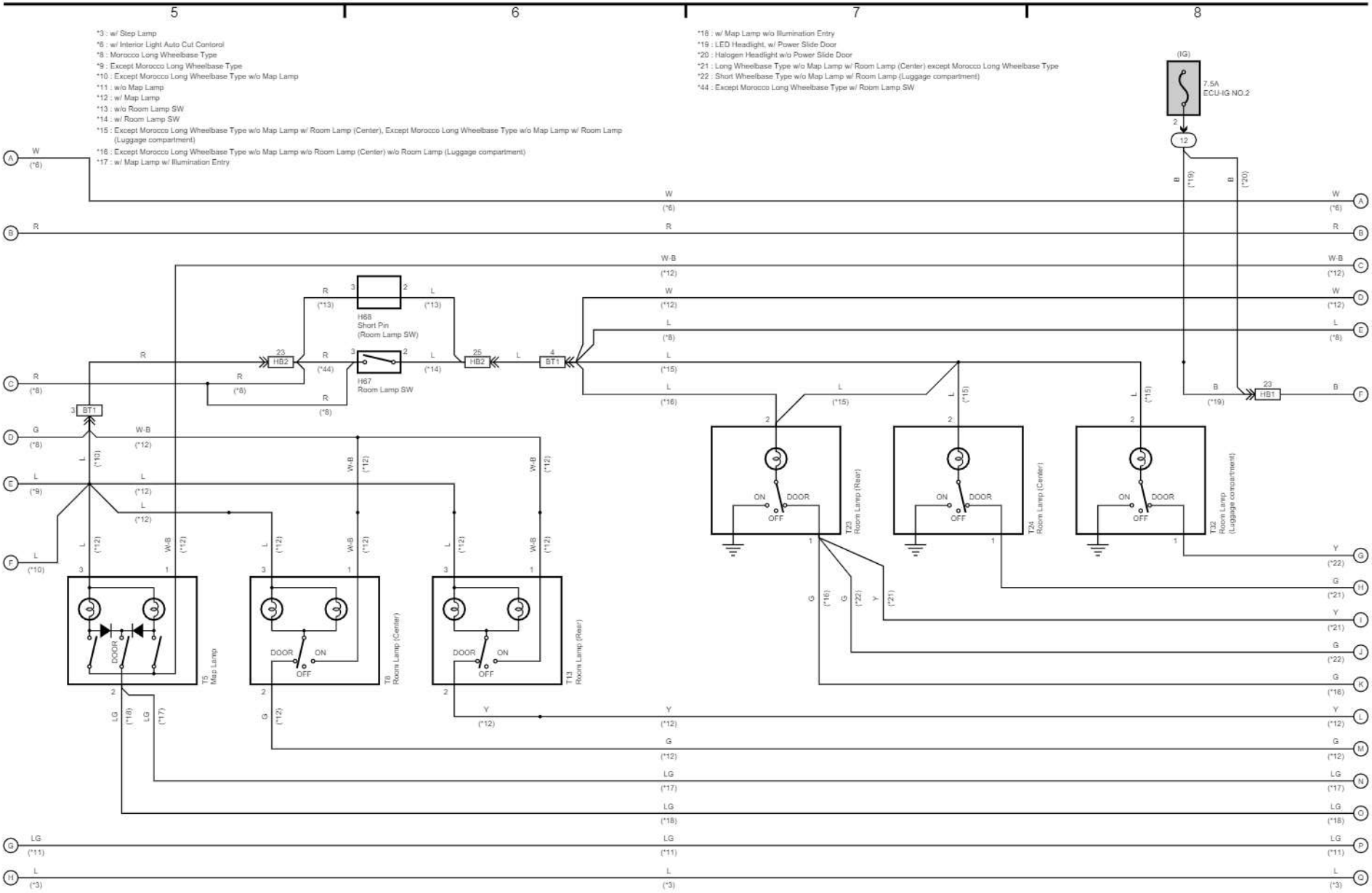
93 HIACE (Cont' d)



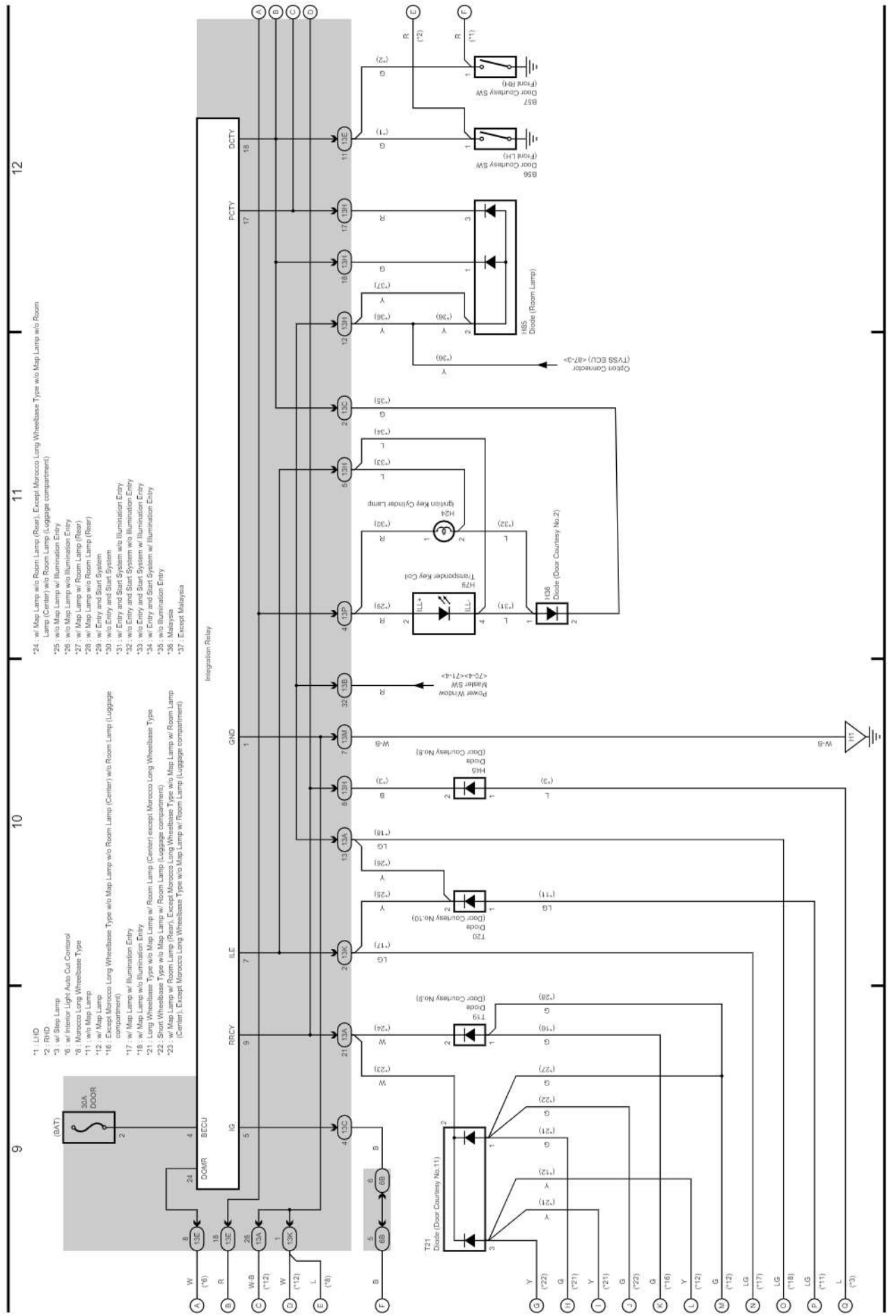

(Cont. next page)
Interior Light (From Dec. 2015 Production)
94 HIACE
*3 : w/ Step Lamp
*4 : w/o Other Side Step Lamp
*5 : w/ Other Side Step Lamp
*6 : w/ Interior Light Auto Cut Control
*7 : w/o Interior Light Auto Cut Control
*8 : Morocco Long Wheelbase Type
*9 : Except Morocco Long Wheelbase Type
*10 : Except Morocco Long Wheelbase Type w/o Map Lamp
*11 : w/o Map Lamp
*49 : Except Morocco Long Wheelbase Type
*50 : Morocco Long Wheelbase Type
*51 : 1GD-FTV
*52 : Except 1GD-FTV
(BAT)
10A DOME NO.1
10A DOME NO.2
DOME CUT Relay
Room Lamp (Front)
Room Lamp (Rear)
Room Lamp (Center)
Interior Illumination Lamp Sub-Assembly
Step Lamp (RH) (w/ Power Slide Door RH)
Step Lamp (RH) (w/o Power Slide Door RH)
Step Lamp (LH) (w/o Power Slide Door LH)
Step Lamp (LH) (w/ Power Slide Door LH)
DOOR
ON
OFF

(Cont. next page)

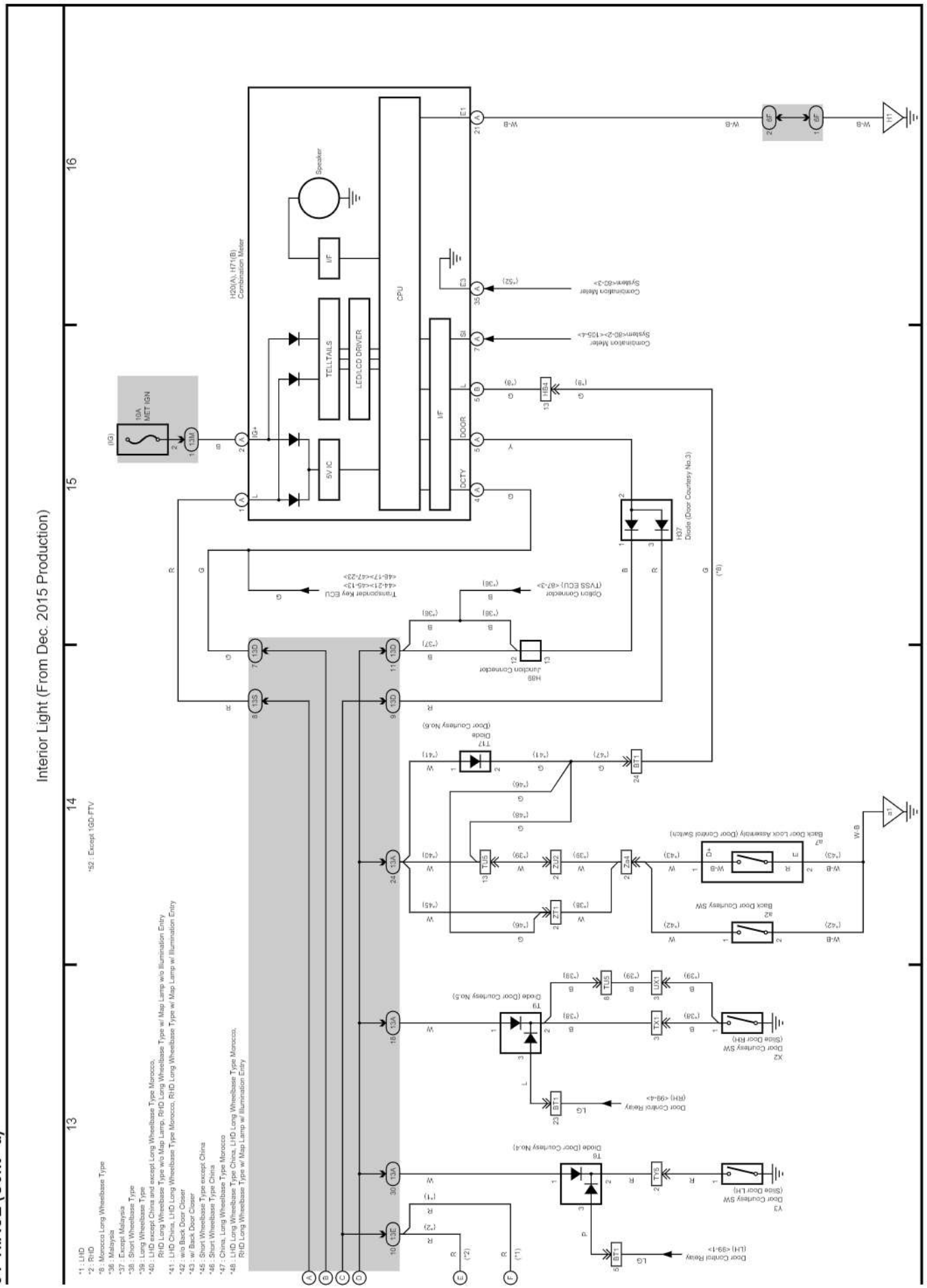
Interior Light (From Dec. 2015 Production)

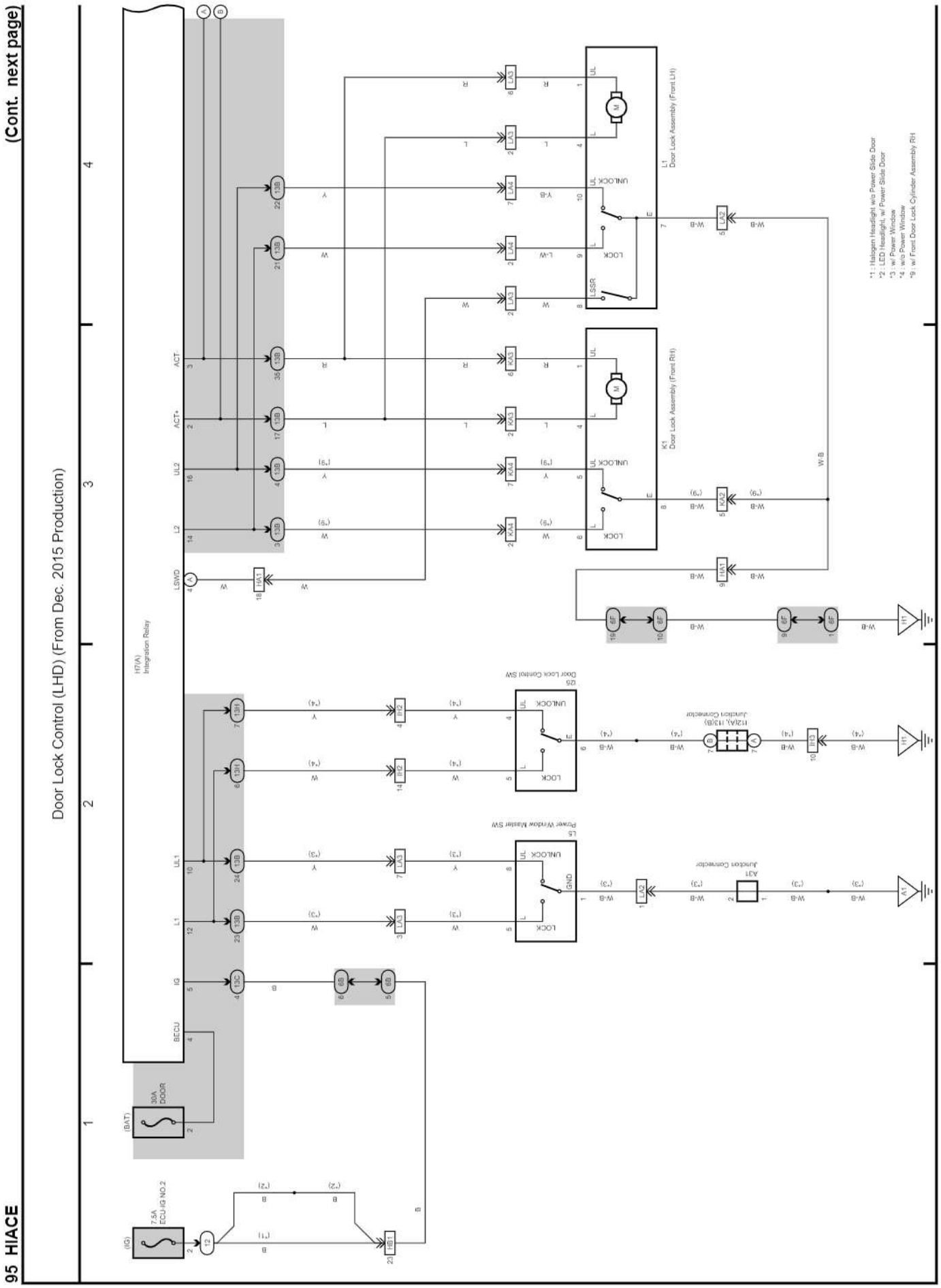


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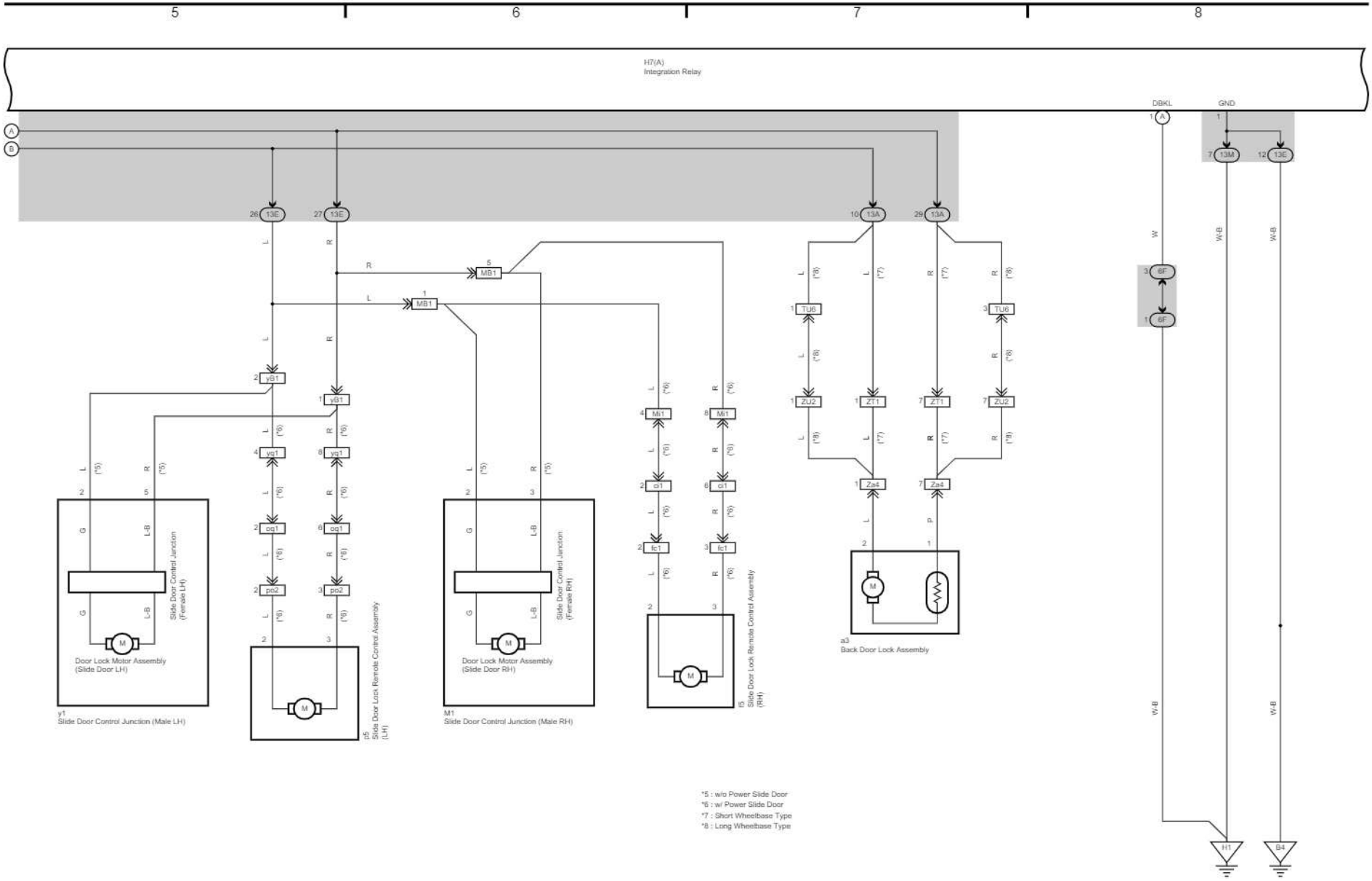
94 HIACE (Cont' d)

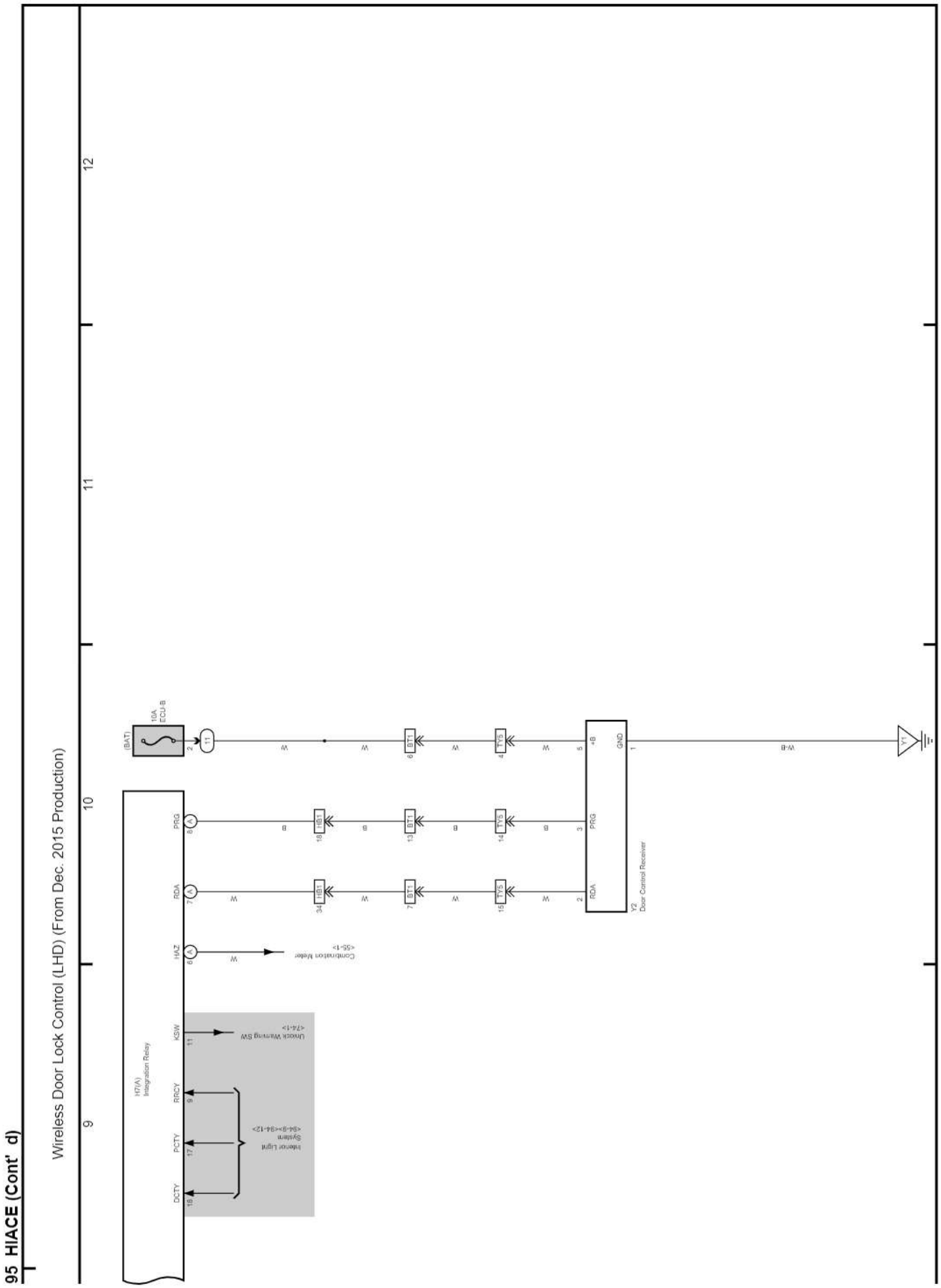


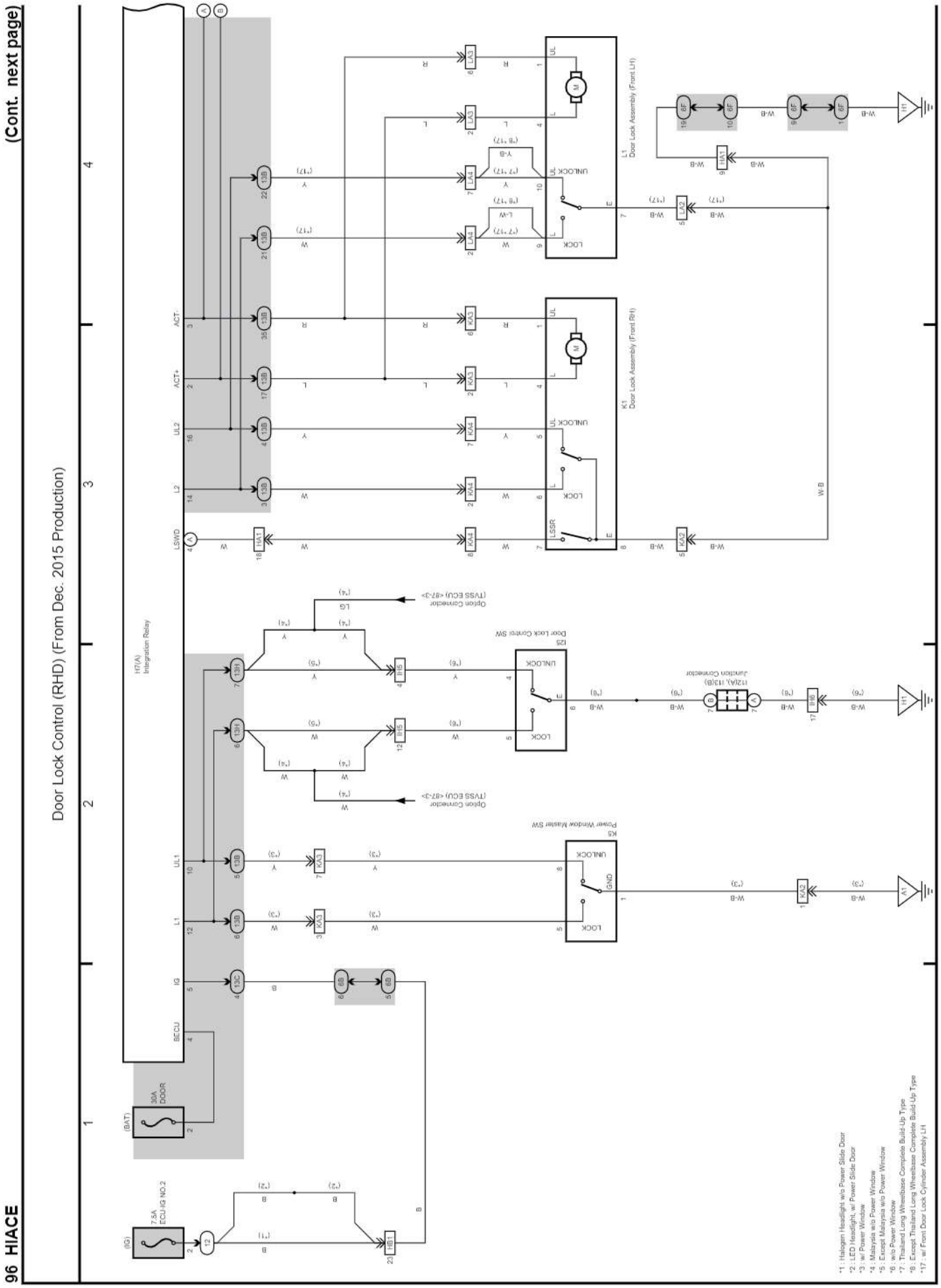

(Cont. next page)
Door Lock Control (LHD) (From Dec. 2015 Production)
H7(A)
Integration Relay
BECU
IG
ACT
ACT+
UL2
L2
UL1
L1
LSWD
30A
DOOR
(BAT)
7.5A
ECU-IG NO.2
(IG)
L1
Door Lock Assembly (Front LH)
K1
Door Lock Assembly (Front RH)
I25
Door Lock Control SW
L5
Power Window Master SW
Junction Connector
A31
*1 : Halogen Headlight w/o Power Slide Door
*2 : LED Headlight, w/ Power Slide Door
*3 : w/ Power Window
*4 : w/o Power Window
*9 : w/ Front Door Lock Cylinder Assembly RH
95 HIACE

(Cont. next page)

Door Lock Control (LHD) (From Dec. 2015 Production)

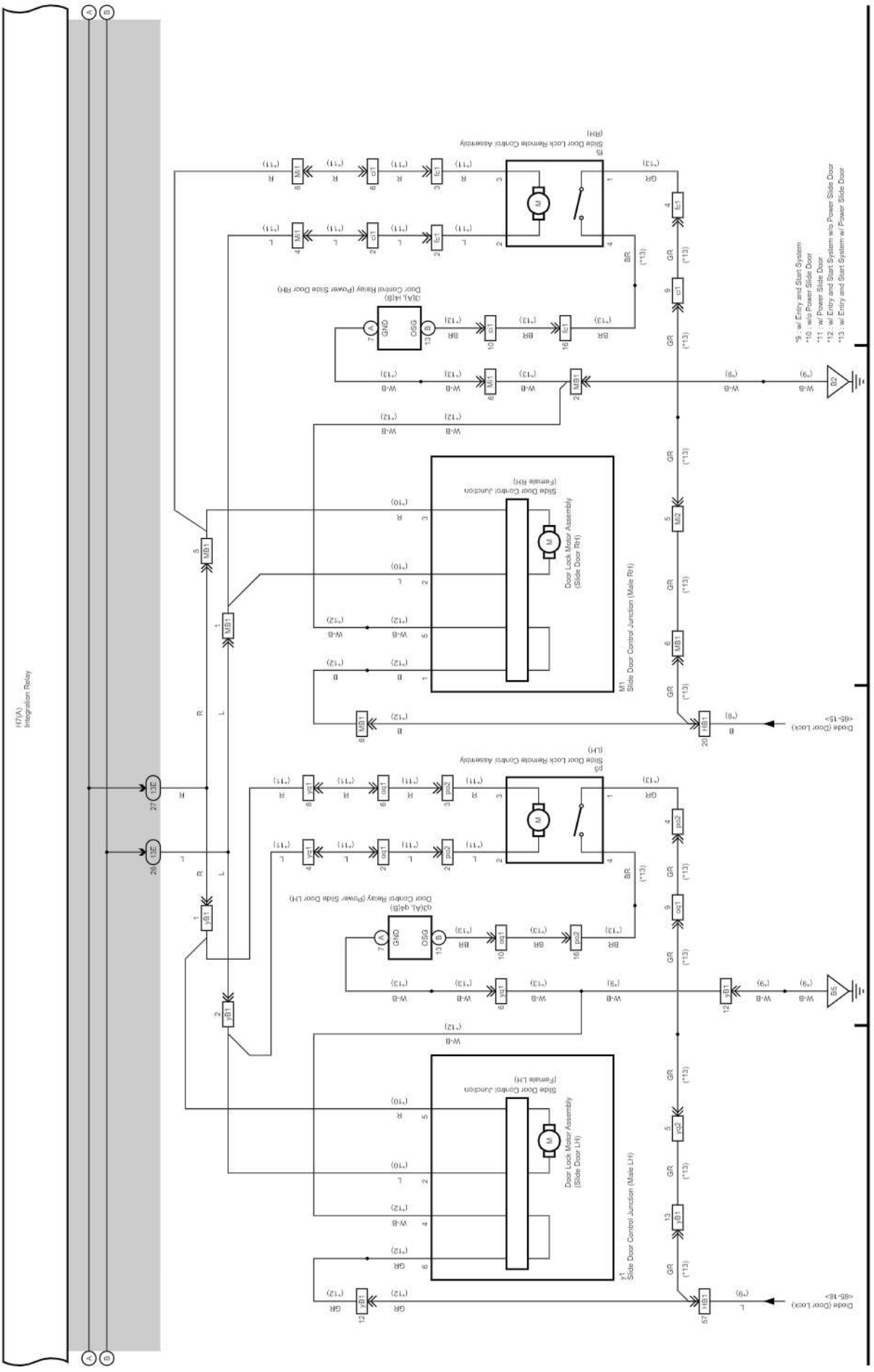


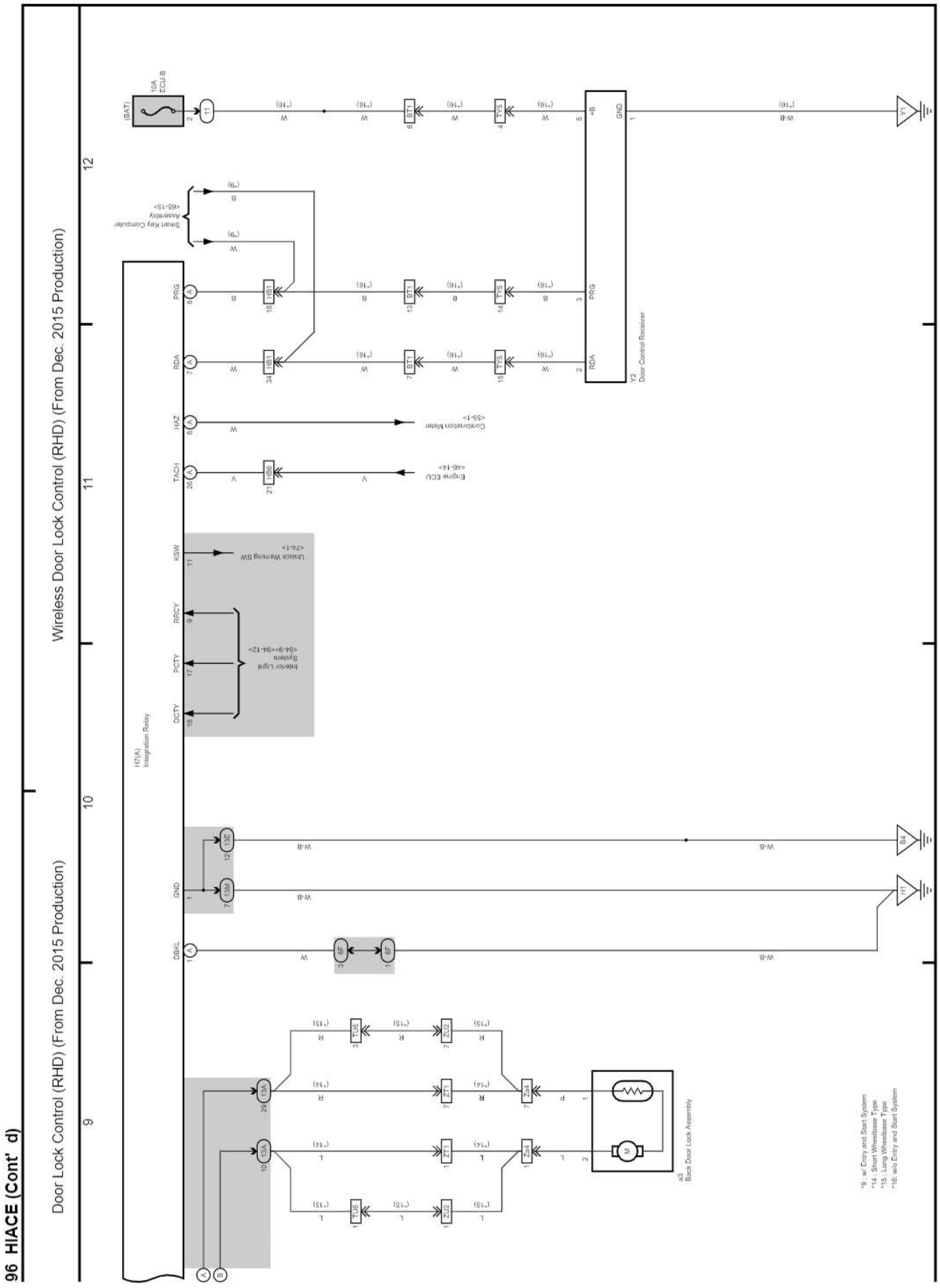

95 HIACE (Cont' d)
Wireless Door Lock Control (LHD) (From Dec. 2015 Production)
9
10
11
12
(BAT)
10A
ECU-B
11
2
W
6
BT1
4
TY5
5
+B
GND
1
W-B
Y1
Y2
Door Control Receiver
PRG
RDA
3
2
8
7
18
34
13
7
14
15
B
W
HAZ
6
Combination Meter
<5S-1>
H7(A)
Integration Relay
KSW
11
Under Warning SW
<7J4-1>
RRCY
9
PCTY
17
DCTY
16
Interior Light
System
<9H-9><9H-12>

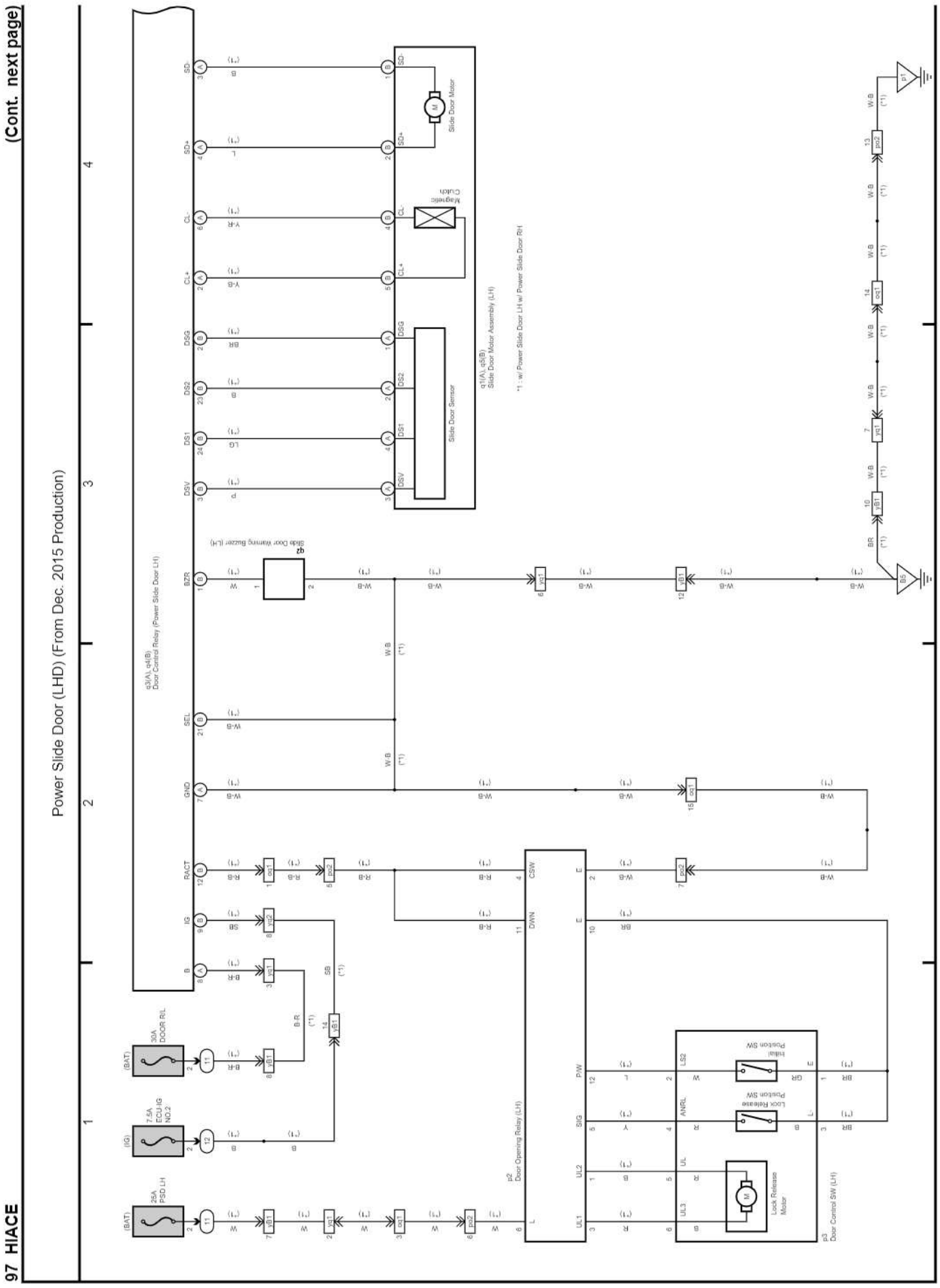

(Cont. next page)
Door Lock Control (RHD) (From Dec. 2015 Production)
H7(A)
Integration Relay
ACT-
ACT+
UL2
L2
LSWD
UL1
L1
IG
ECU
(BAT)
30A
DOOR
(IG)
7.5A
ECU-IG NO.2
L1
Door Lock Assembly (Front LH)
K1
Door Lock Assembly (Front RH)
Power Window Master SW
Door Lock Control SW
Option Connector
(TVSS ECU <87-3>)
Junction Connector
(12(A), 13(B))
UNLOCK
LOCK
LSSR
GND
*1 : Halogen Headlight w/o Power Slide Door
*2 : LED Headlight, w/ Power Slide Door
*3 : w/ Power Window
*4 : Malaysia w/o Power Window
*5 : Except Malaysia w/o Power Window
*6 : w/o Power Window
*7 : Thailand Long Wheelbase Complete Build-Up Type
*8 : Except Thailand Long Wheelbase Complete Build-Up Type
*17 : w/ Front Door Lock Cylinder Assembly LH

(Cont. next page)

Door Lock Control (RHD) (From Dec. 2015 Production)

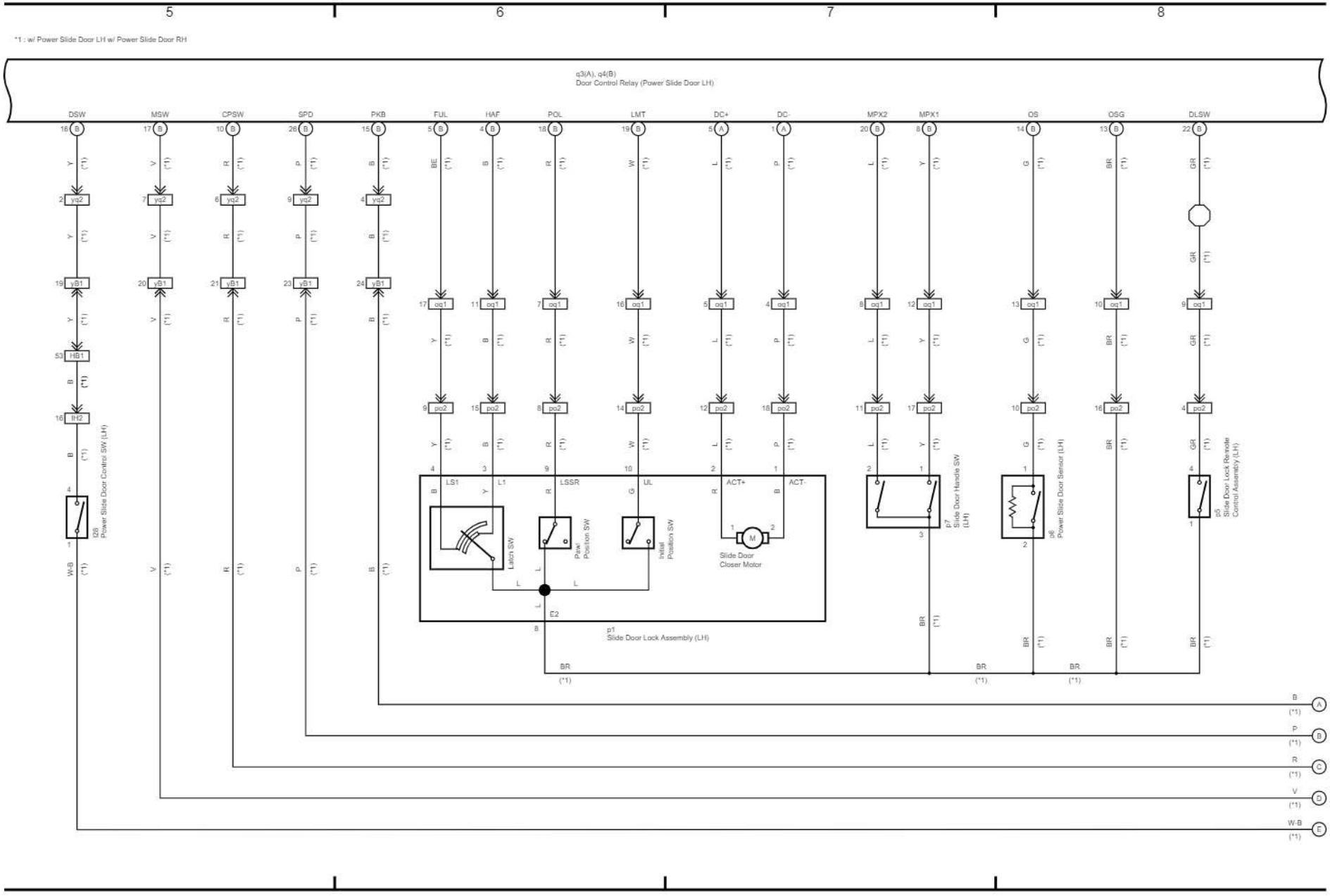


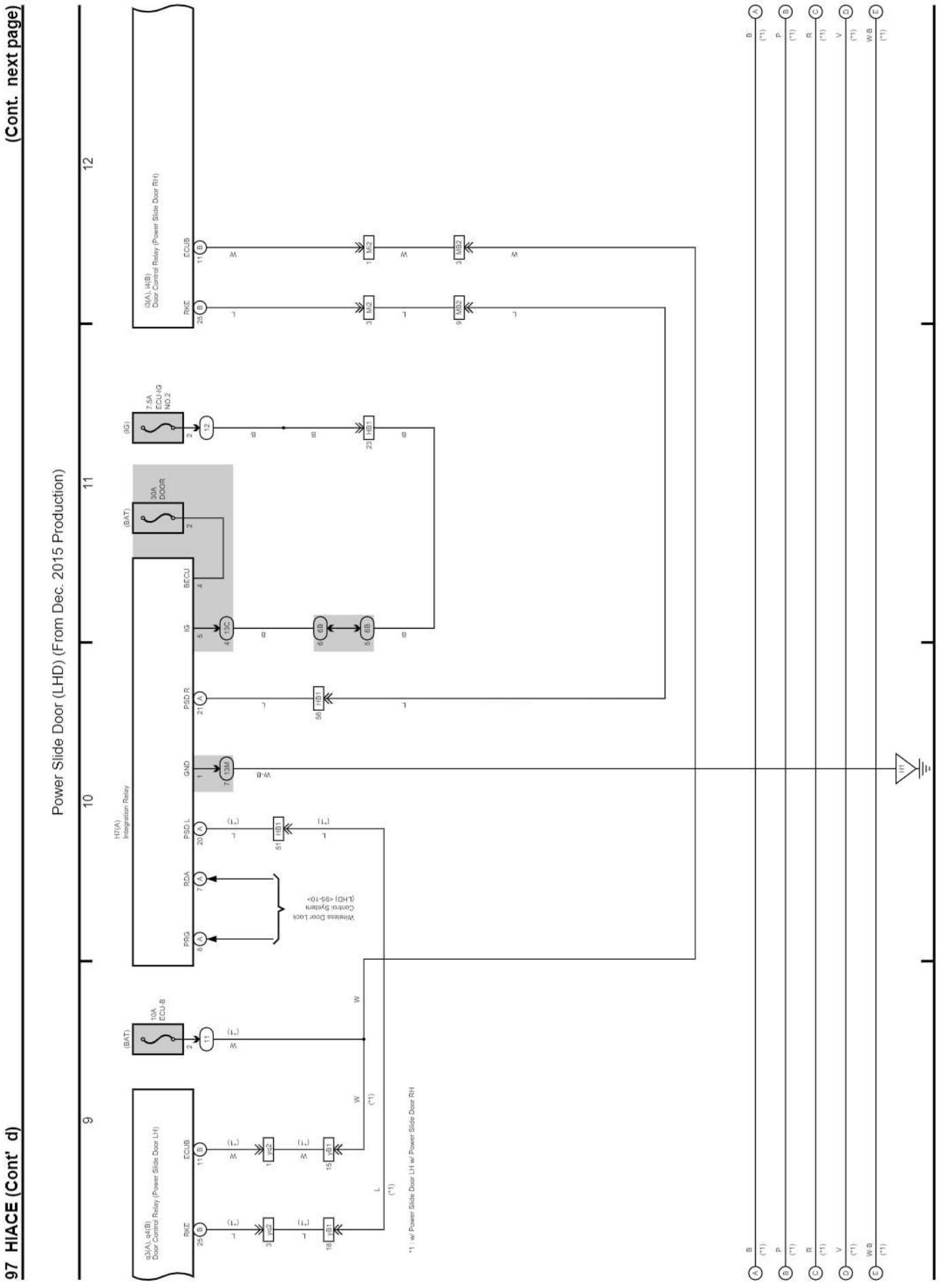

96 HIACE (Cont' d)
Door Lock Control (RHD) (From Dec. 2015 Production)
Wireless Door Lock Control (RHD) (From Dec. 2015 Production)
9
10
11
12
(BAT)
10A ECU-B
Smart Key Computer Assembly <65-15>
Door Control Receiver
Y2
Contraction Meter <55-1>
Engine ECU <46-14>
Unlock Warning SW <74-1>
Interior Light System <94-9><94-12>
H7(A) Integration Relay
Back Door Lock Assembly
a3
*9 : w/ Entry and Start System
*14 : Short Wheelbase Type
*15 : Long Wheelbase Type
*16: w/o Entry and Start System


(Cont. next page)
Power Slide Door (LHD) (From Dec. 2015 Production)
97 HIACE
Slide Door Motor
Magnetic Clutch
Slide Door Sensor
q1(A), q5(B)
Slide Door Motor Assembly (LH)
*1 : w/ Power Slide Door LH w/ Power Slide Door RH
q2
Slide Door Warning Buzzer (LH)
q3(A), q4(B)
Door Control Relay (Power Slide Door LH)
30A DOOR R/L
7.5A ECU IG NO.2
25A PSD LH
p2
Door Opening Relay (LH)
p3
Door Control SW (LH)
Lock Release Motor
Lock Release Poseton SW
Inlial Poseton SW

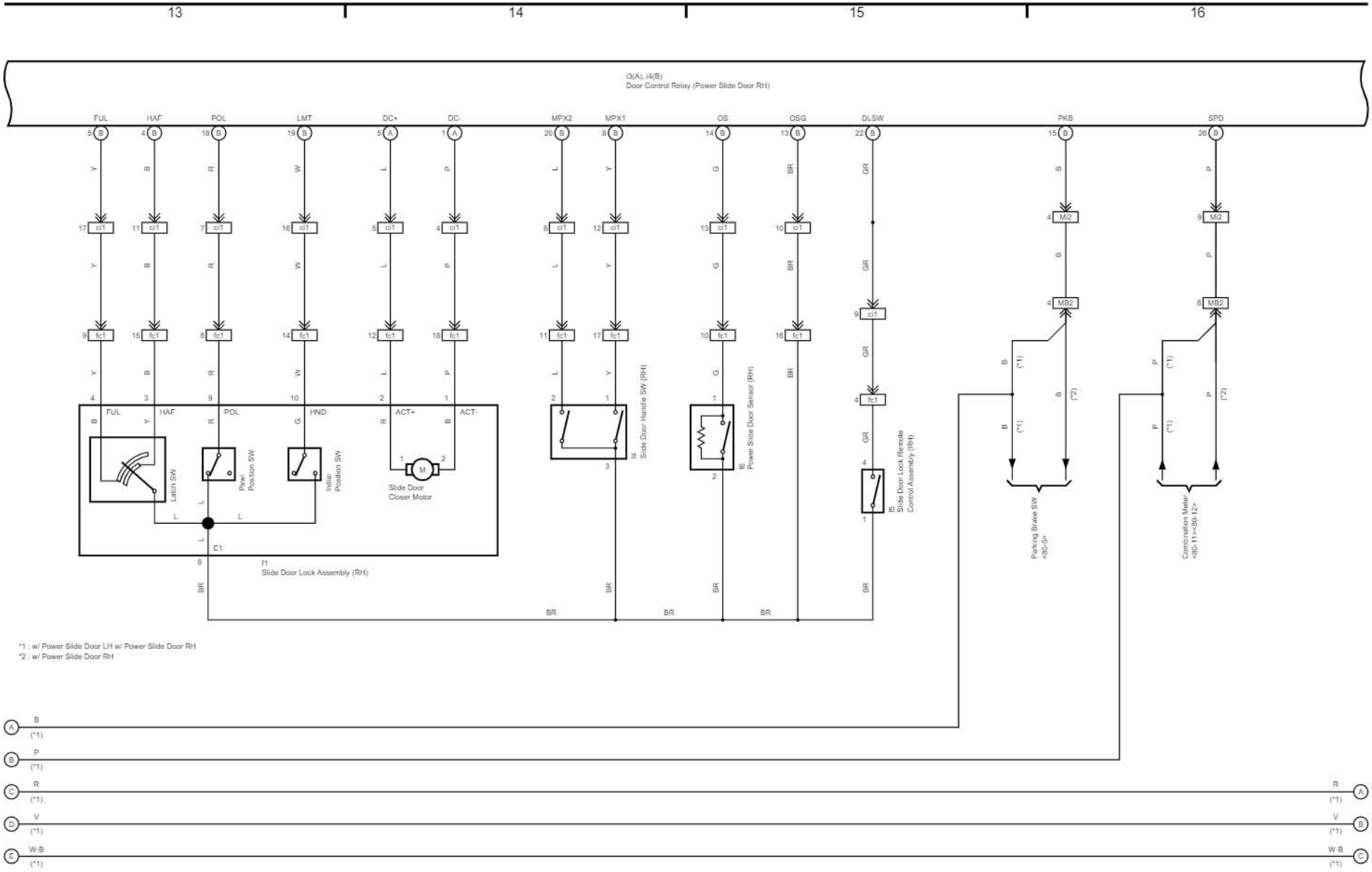
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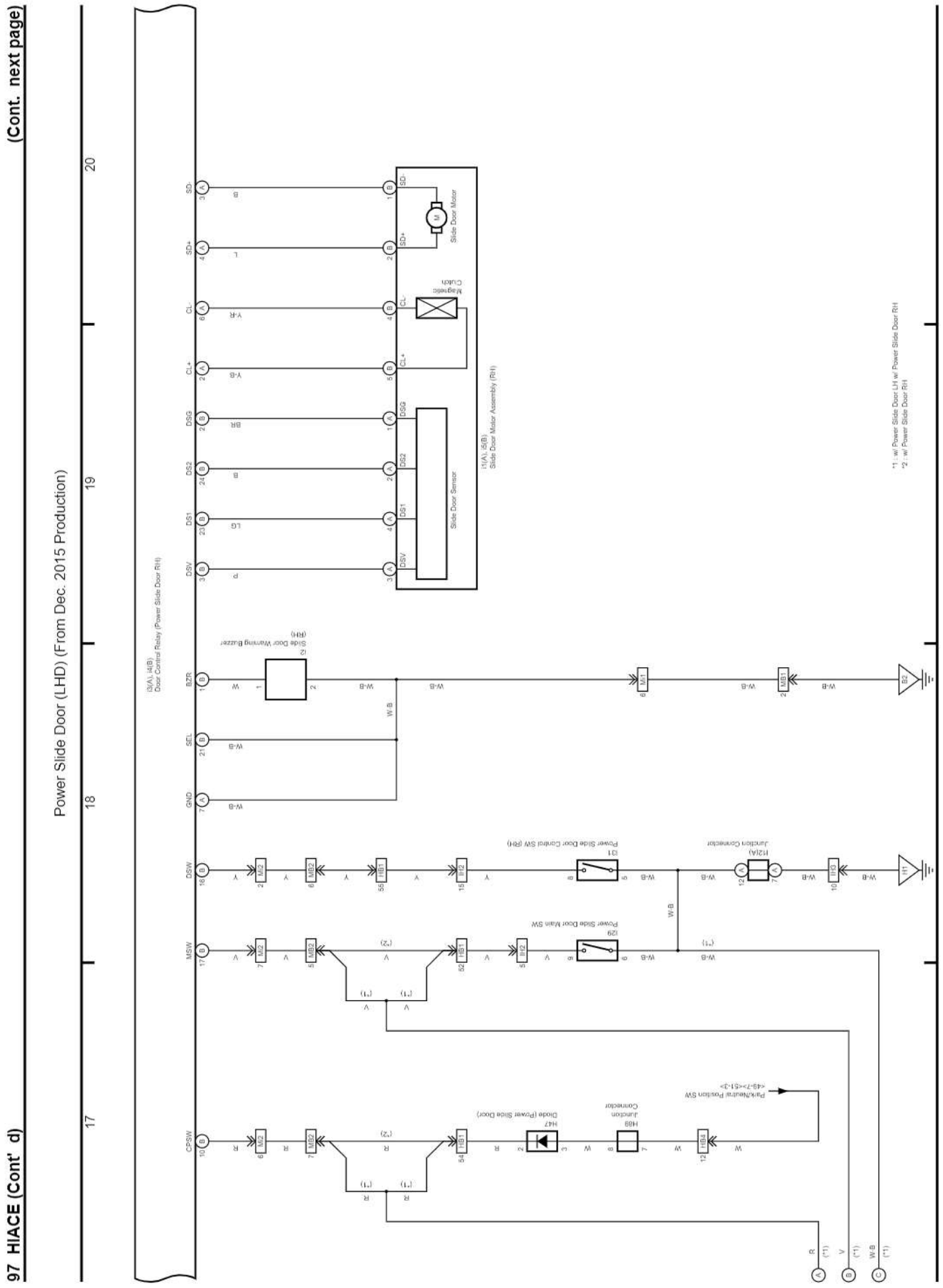
Power Slide Door (LHD) (From Dec. 2015 Production)



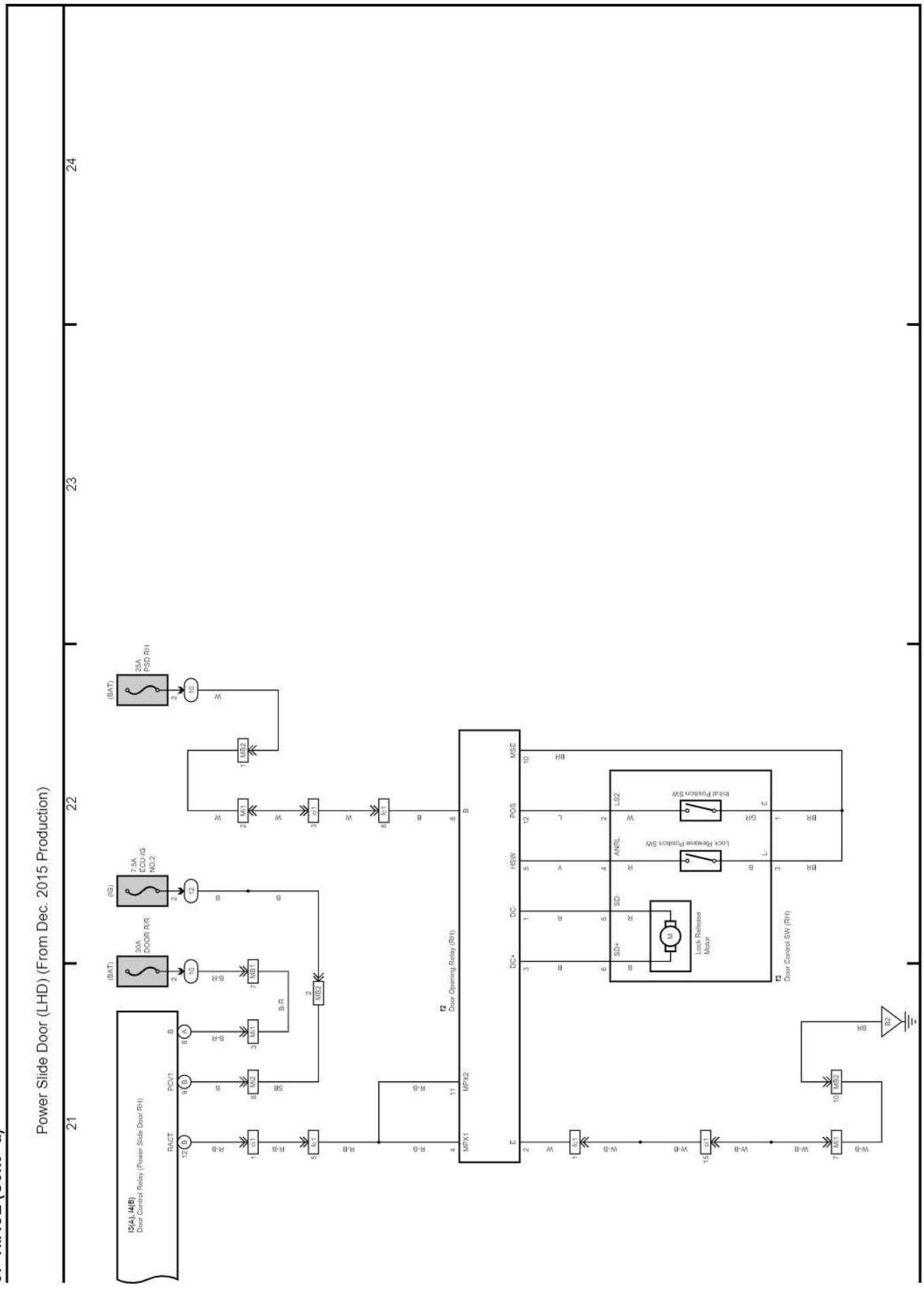

97 HIACE (Cont' d)
(Cont. next page)
Power Slide Door (LHD) (From Dec. 2015 Production)
9
10
11
12
(BAT)
10A ECU-B
(IG)
7.5A ECU-IG NO.2
(BAT)
30A DOOR
H1(A) Integration Relay
BECU
IG
PSD R
GND
PSD L
RDA
PRG
Wireless Door Lock Control System (LHD) <9S-10>
q3(A), q4(B) Door Control Relay (Power Slide Door LH)
q3(A), l4(B) Door Control Relay (Power Slide Door RH)
ECUB
RKE
*1 : w/ Power Slide Door LH w/ Power Slide Door RH

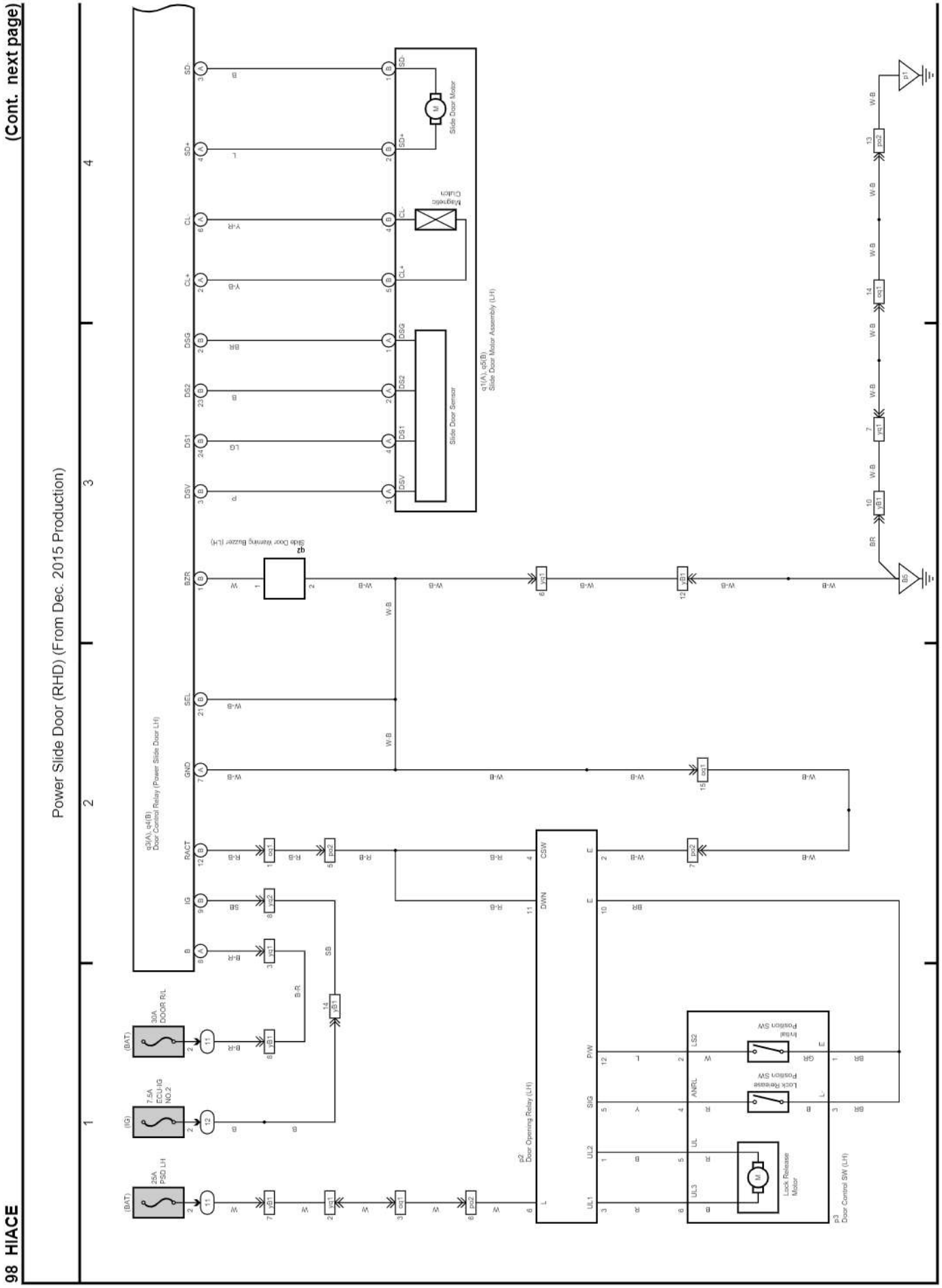
Power Slide Door (LHD) (From Dec. 2015 Production)




97 HIACE (Cont' d)
(Cont. next page)
Power Slide Door (LHD) (From Dec. 2015 Production)
17
18
19
20
(3A), (4B)
Door Control Relay (Power Slide Door RH)
SD-
SD+
CL-
CL+
DSG
DS2
DS1
DSV
BZR
SEL
GND
DSW
MSW
CPSW
Slide Door Motor
Magnetic Clutch
Slide Door Sensor
(1A), (5B)
Slide Door Motor Assembly (RH)
Slide Door Warning Buzzer (RH)
Power Slide Door Control SW (RH)
Power Slide Door Main SW
Junction Connector
Diode (Power Slide Door)
Pa/N/Neutral Position SW
<49-7><51-3>
*1 : w/ Power Slide Door LH w/ Power Slide Door RH
*2 : w/ Power Slide Door RH

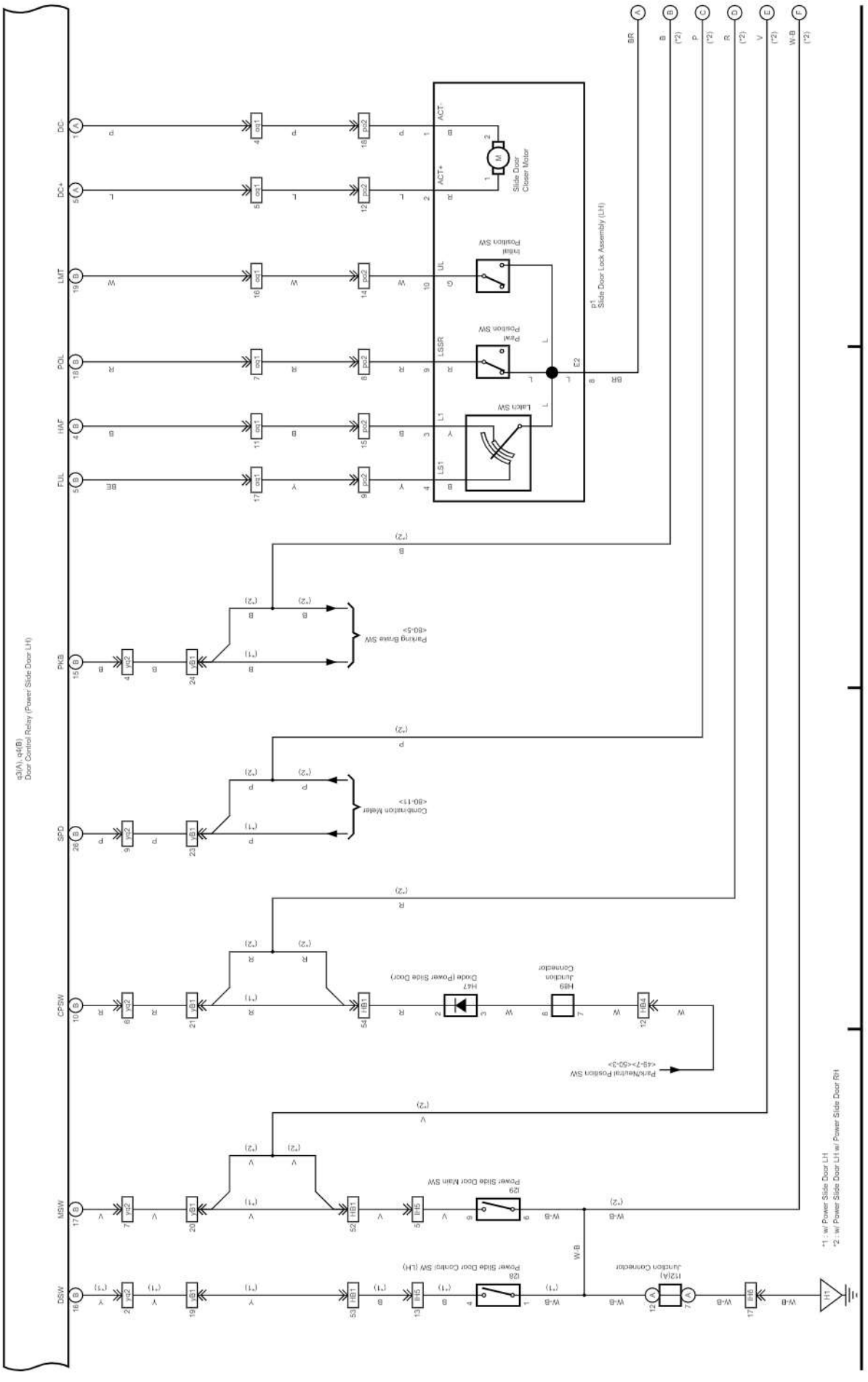
97 HIACE (Cont' d)



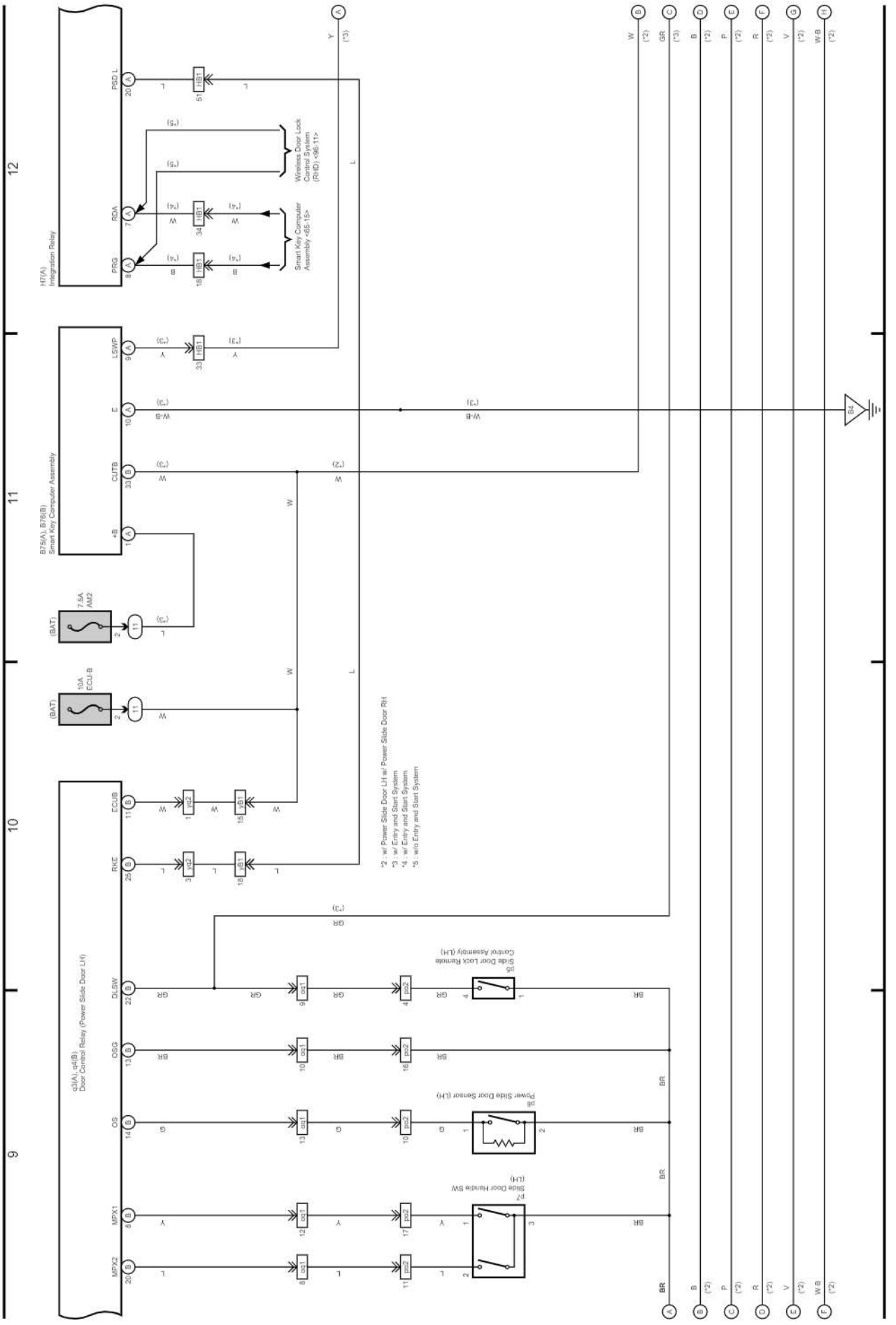

(Cont. next page)
Power Slide Door (RHD) (From Dec. 2015 Production)
1
2
3
4
(BAT)
30A DOOR R/L
(IG)
7.5A ECU-IG NO.2
(BAT)
25A PSD LH
q3(A), q4(B)
Door Control Relay (Power Slide Door LH)
q1(A), q5(B)
Slide Door Motor Assembly (LH)
Slide Door Motor
Magnetic Clutch
Slide Door Sensor
q2
Slide Door Warning Buzzer (LH)
p2
Door Opening Relay (LH)
p3
Door Control SW (LH)
Lock Release Motor
Lock Release Position SW
Inside Position SW
98 HIACE

98 HIACE (Cont' d)

(Cont. next page)

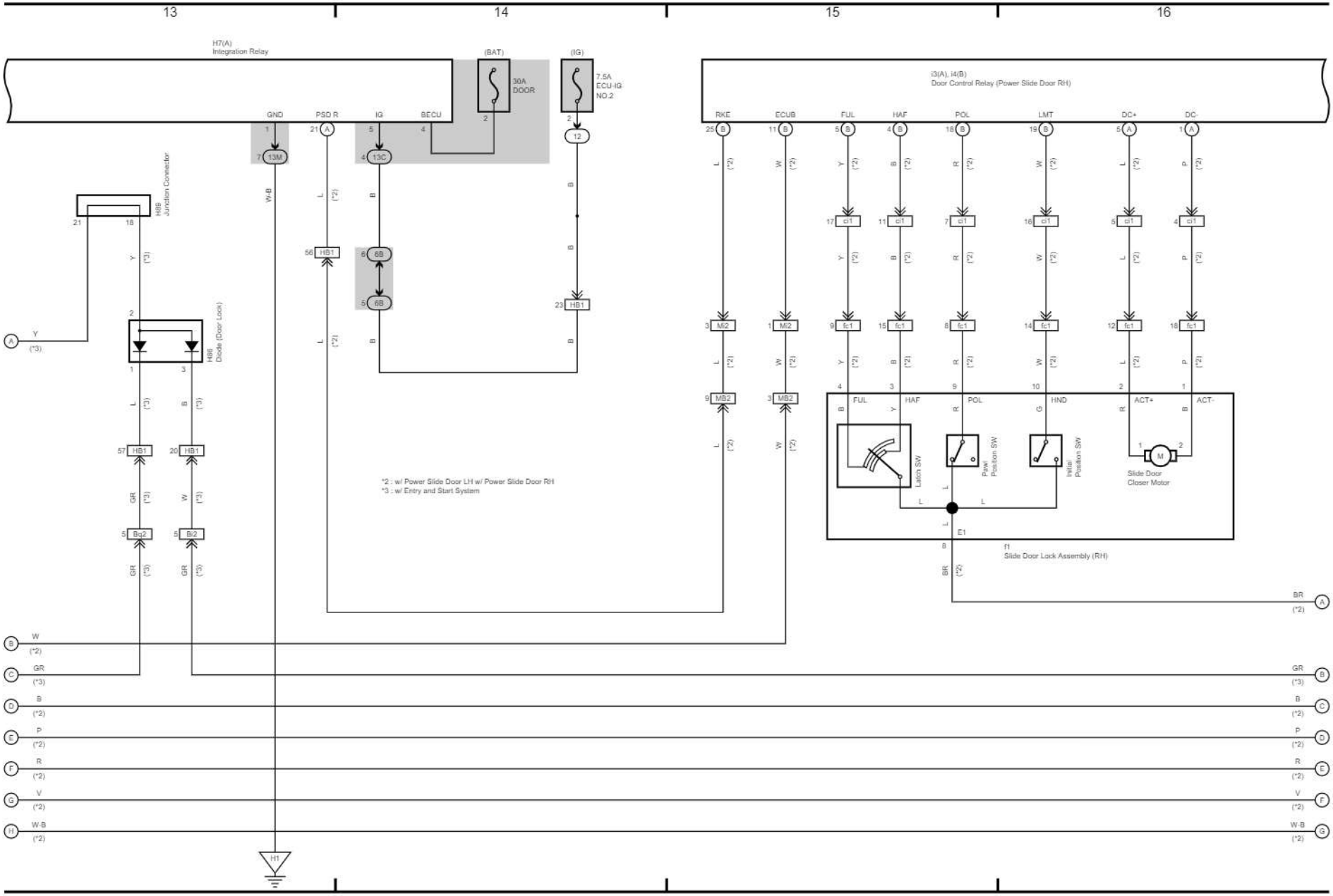


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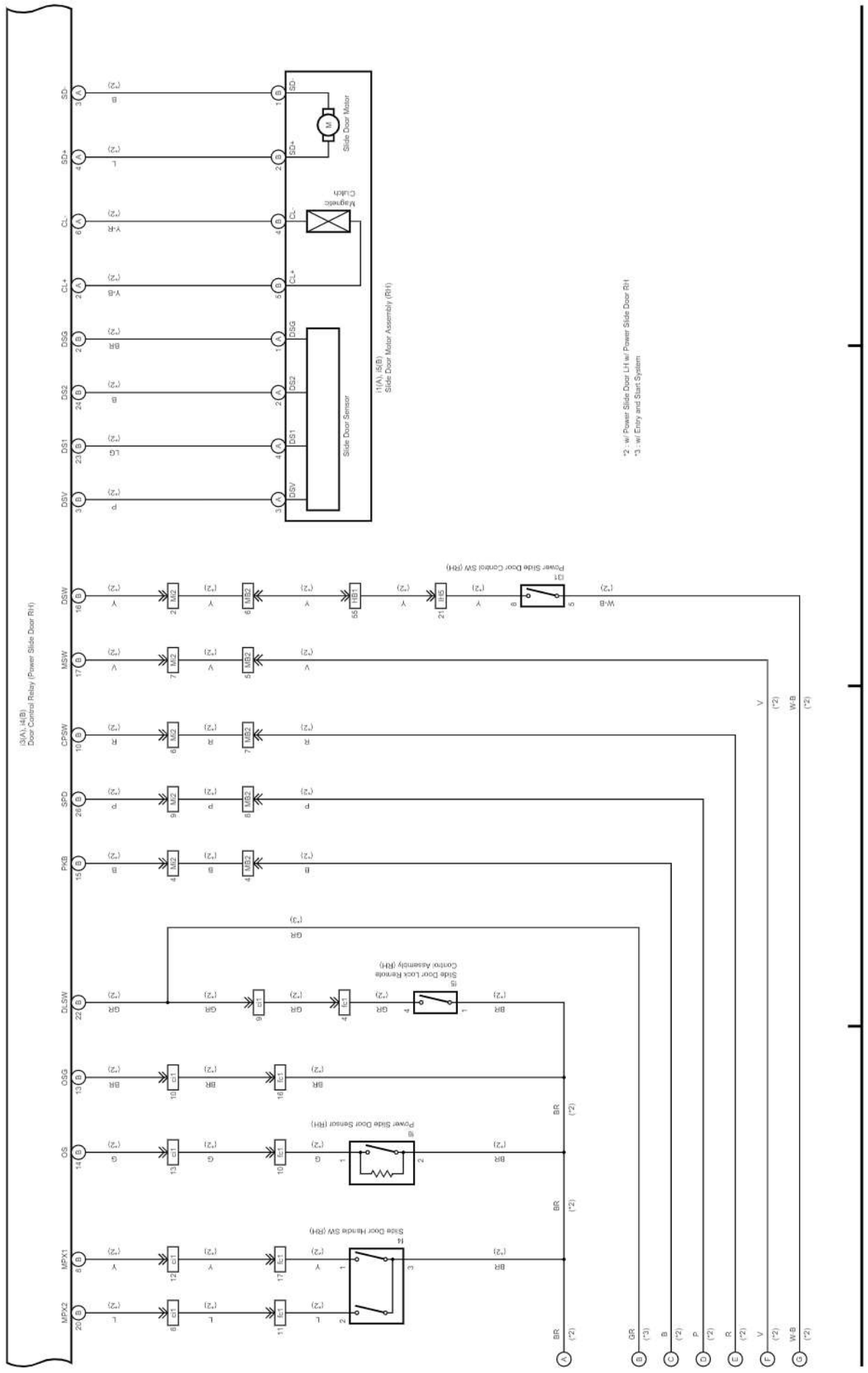


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Power Slide Door (RHD) (From Dec. 2015 Production)

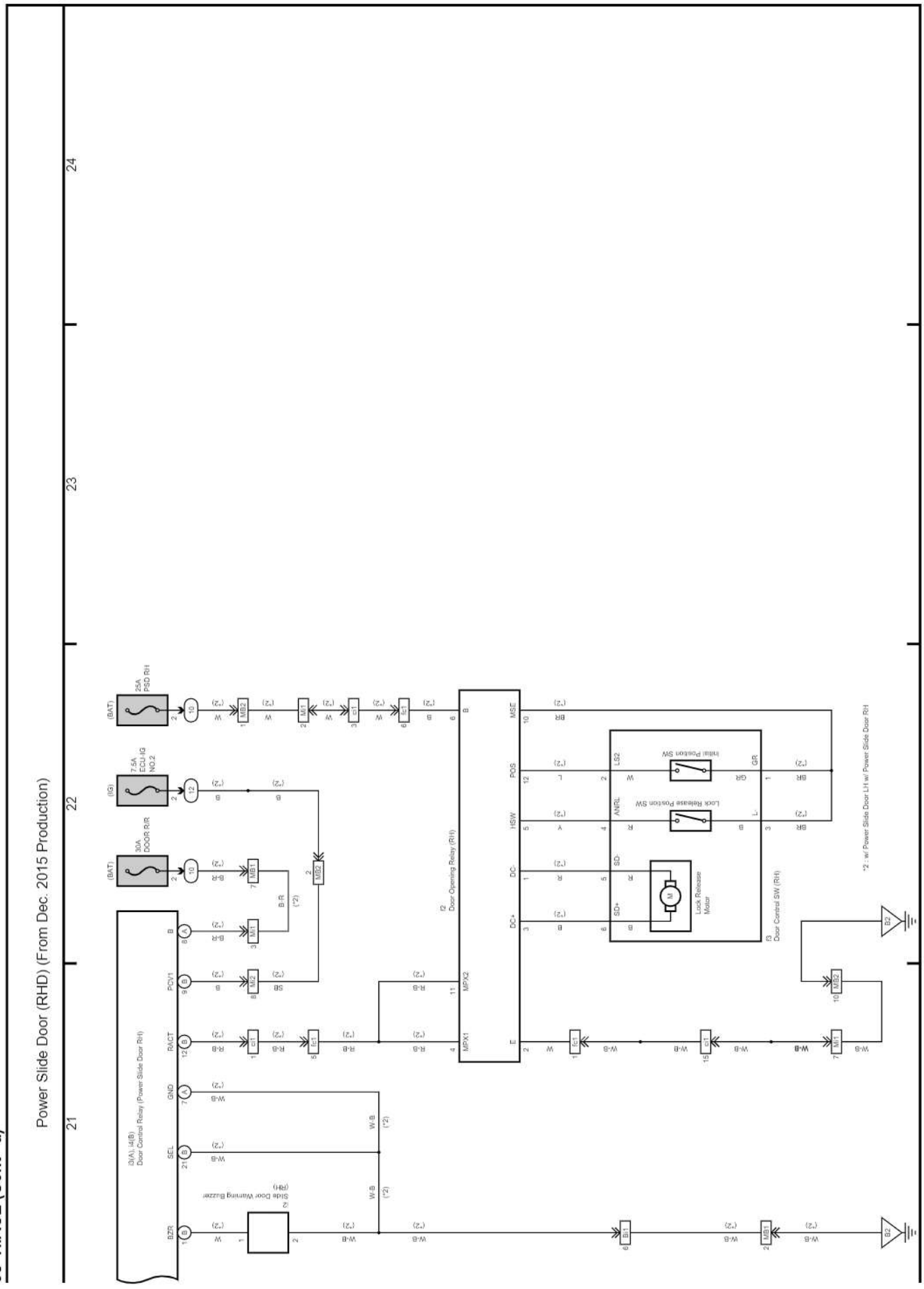


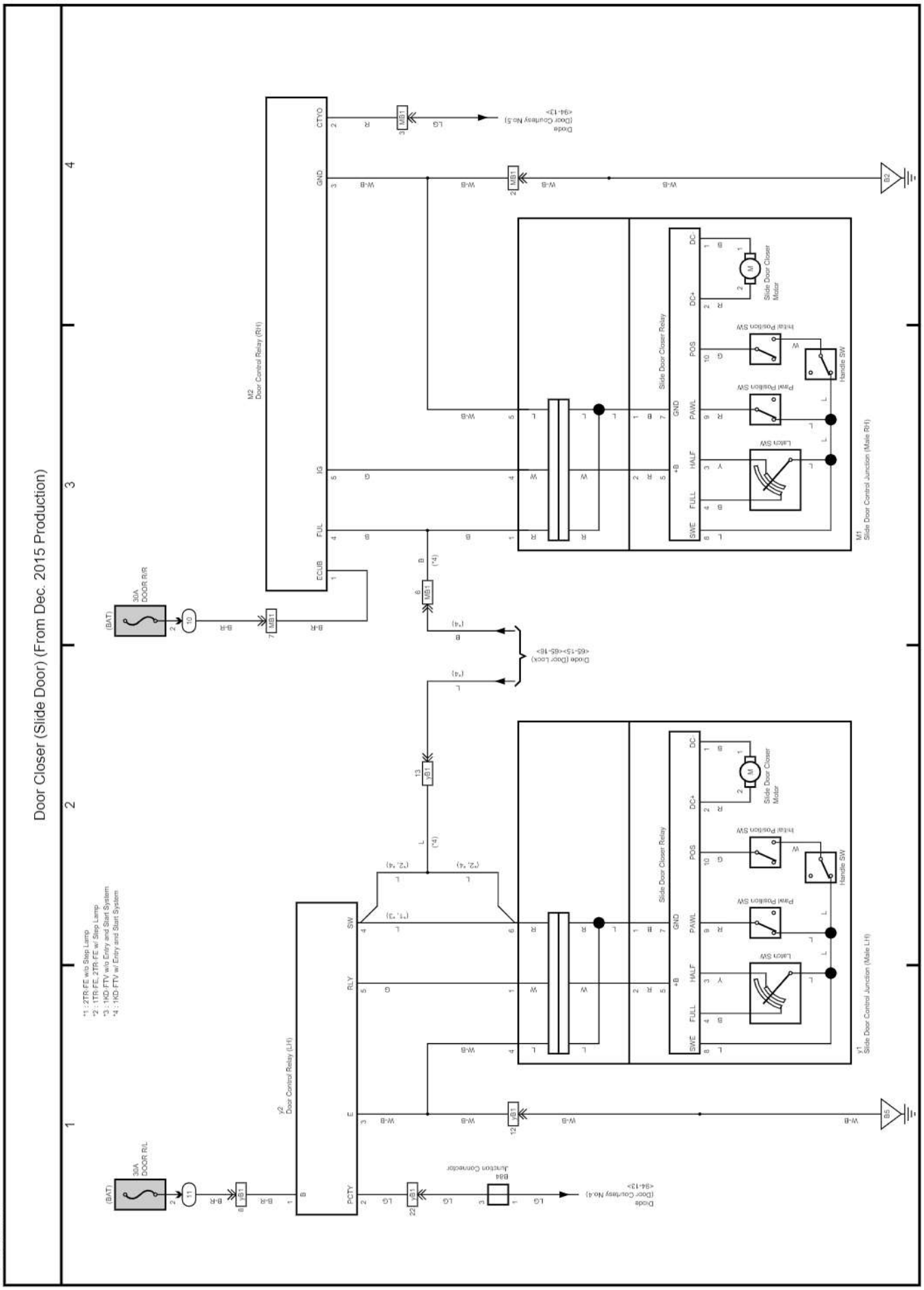
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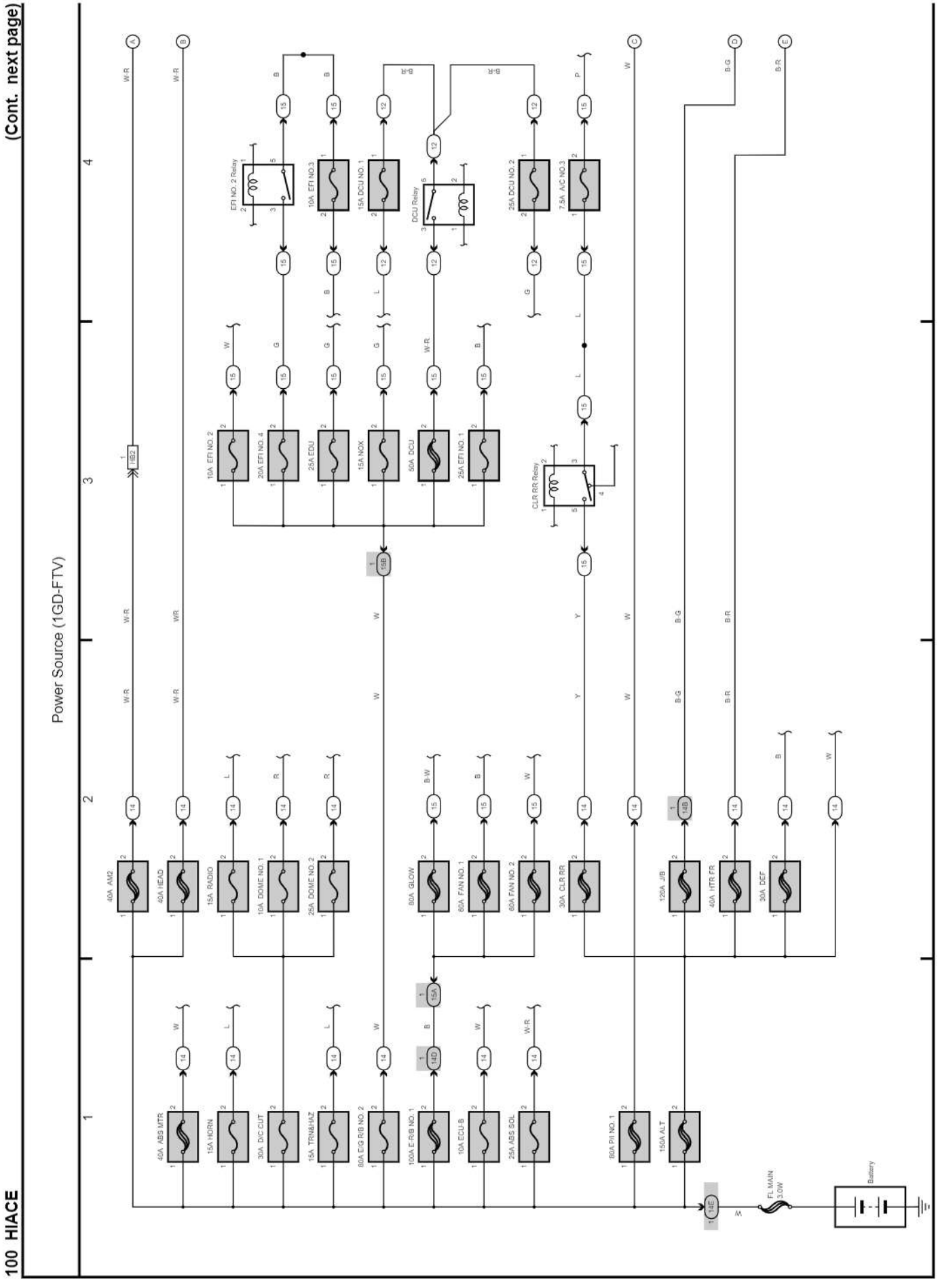


98 HIACE (Cont' d)

Power Slide Door (RHD) (From Dec. 2015 Production)

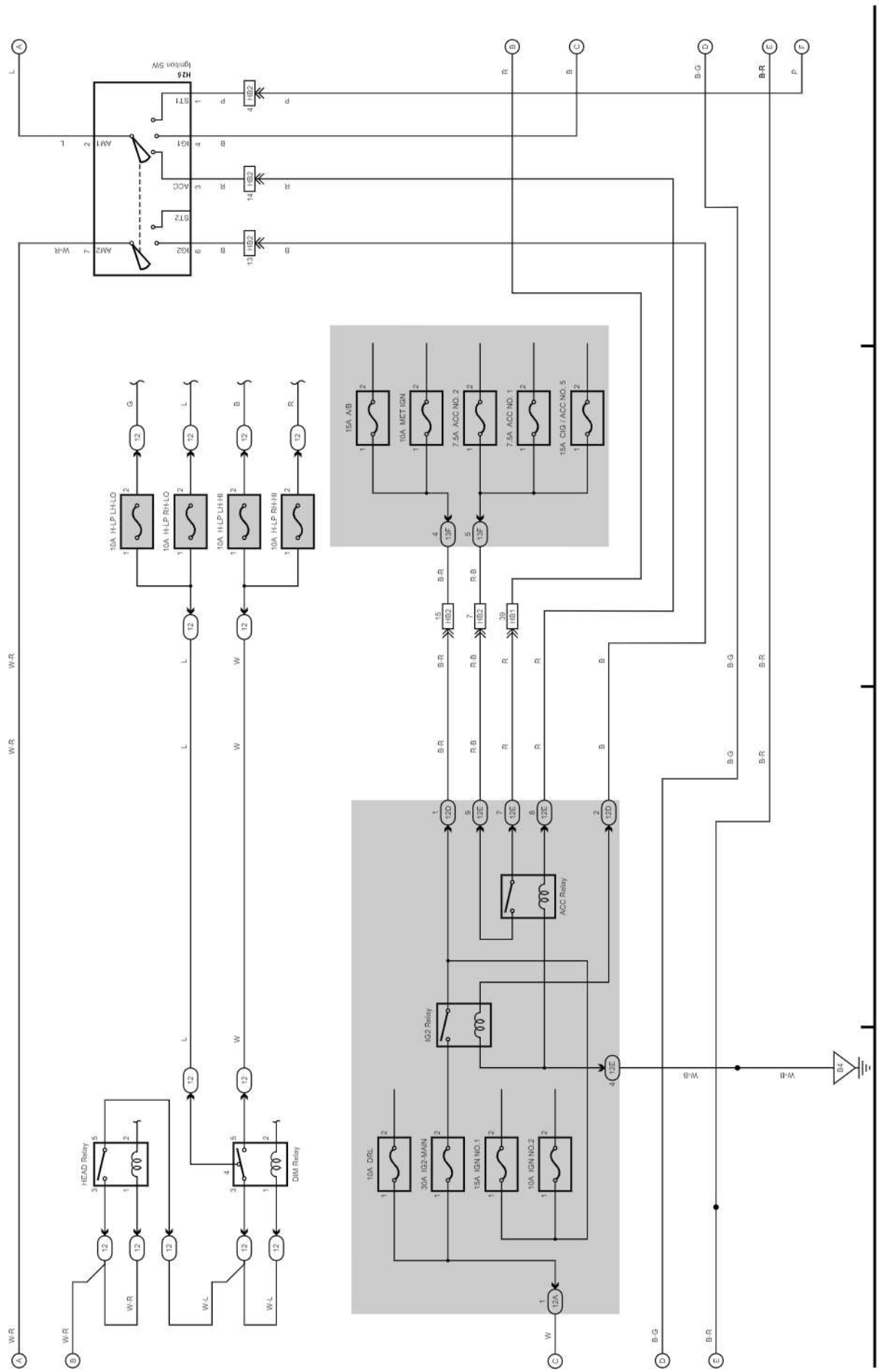


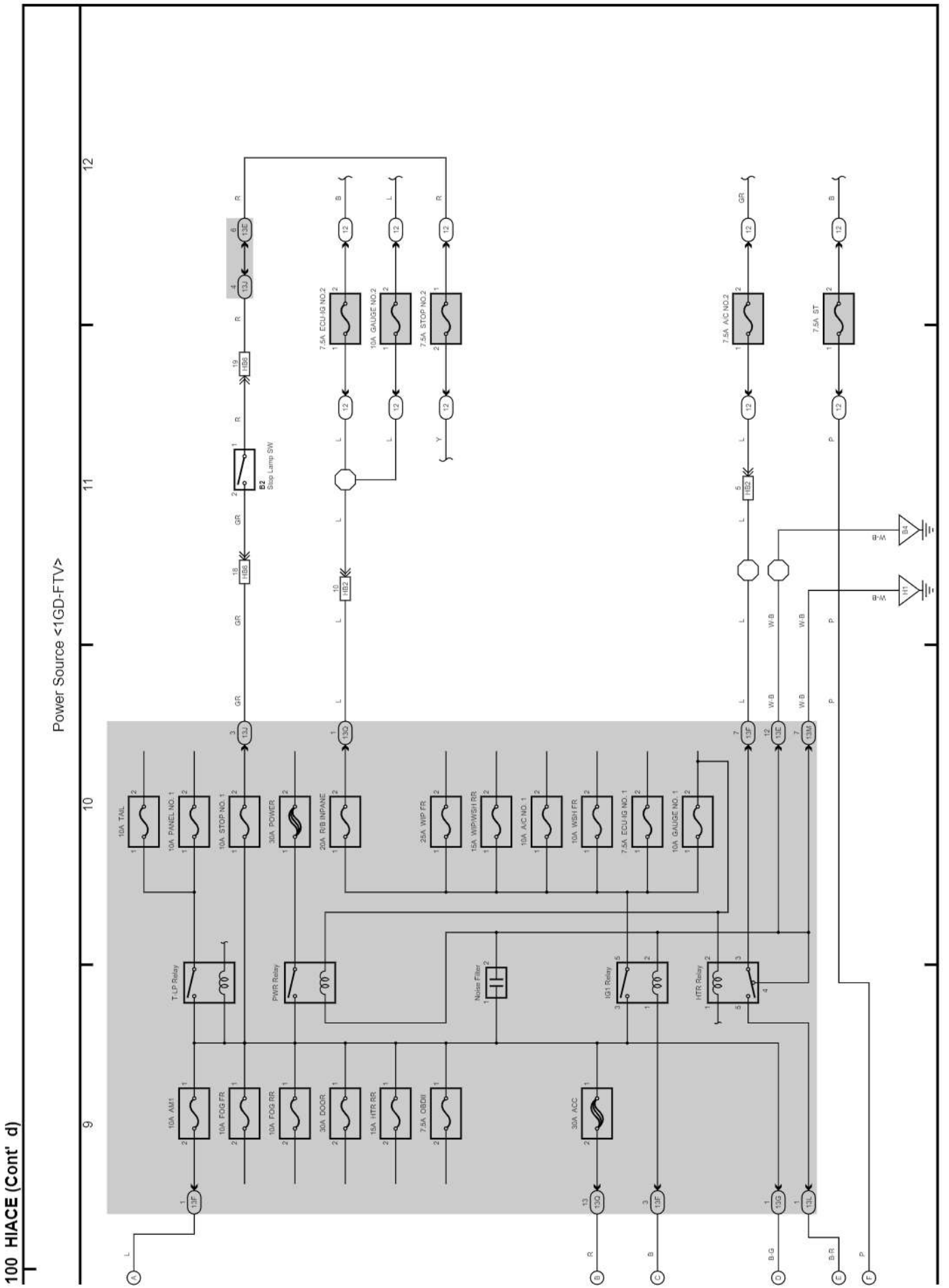

Door Closer (Slide Door) (From Dec. 2015 Production)
*1 : 2TR-FE w/o Step Lamp
*2 : 1TR-FE, 2TR-FE w/ Step Lamp
*3 : 1KD-FTV w/o Entry and Start System
*4 : 1KD-FTV w/ Entry and Start System
M2 Door Control Relay (RH)
y2 Door Control Relay (LH)
M1 Slide Door Control Junction (Male RH)
y1 Slide Door Control Junction (Male LH)
Slide Door Closer Relay
Slide Door Closer Motor
Initial Position SW
Handle SW
Pawl Position SW
Latch SW
30A DOOR R/R
30A DOOR R/L
(BAT)
Diode (Door Courtesy No.5) <94-13>
Diode (Door Courtesy No.4) <94-13>
Diode (Door Lock) <65-15><65-18>
Junction Connector
B44
B2
B5

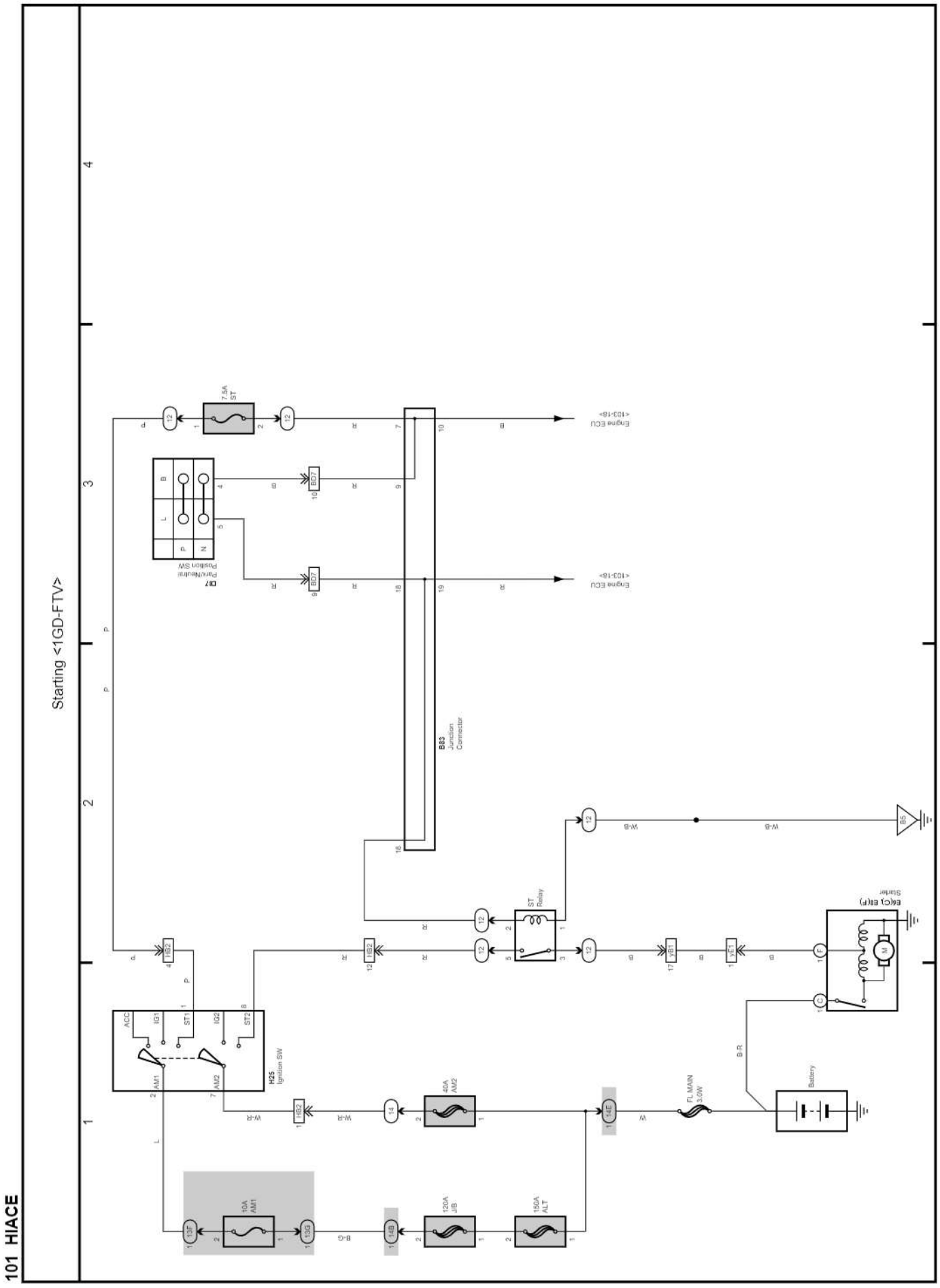

100 HIACE
(Cont. next page)
Power Source (1GD-FTV)
1
2
3
4
A
B
C
D
E
40A AM2
40A HEAD
15A RADIO
10A DOME NO.1
25A DOME NO.2
80A GLOW
60A FAN NO.1
60A FAN NO.2
30A CLR RR
120A J/B
40A HTR FR
30A DEF
40A ABS MTR
15A HORN
30A D/C CUT
15A TRN&HAZ
80A E/G R/B NO.2
100A E-R/B NO.1
10A ECU-B
25A ABS SOL
80A P/I NO.1
150A ALT
10A EFI NO.2
20A EFI NO.4
25A EDU
15A NOX
50A DCU
25A EFI NO.1
10A EFI NO.3
15A DCU NO.1
25A DCU NO.2
7.5A A/C NO.3
EFI NO.2 Relay
DCU Relay
CLR RR Relay
HB2
15B
15A
14D
14E
14B
FL MAIN
3.0W
Battery

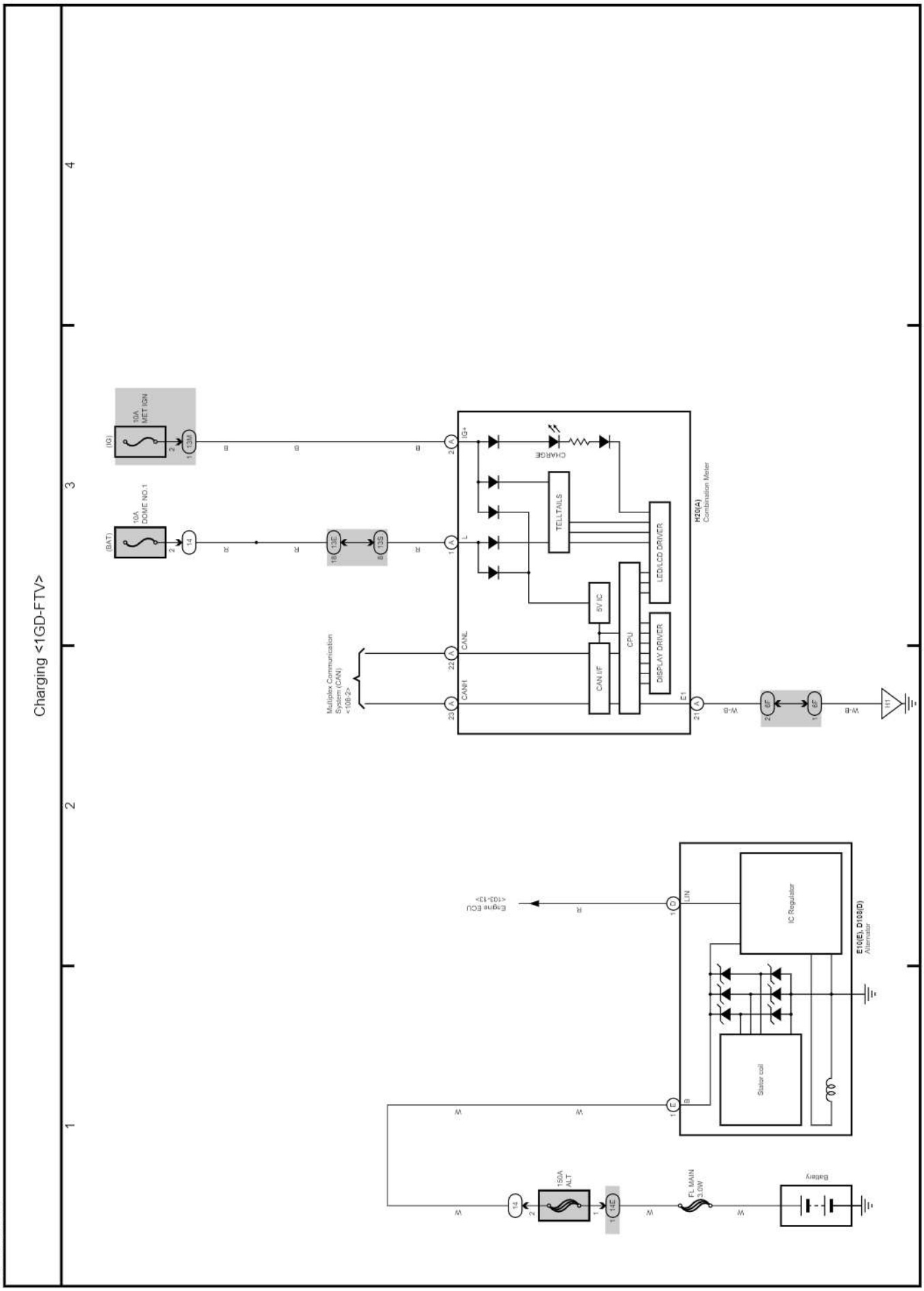
100 HIACE (Cont' d)

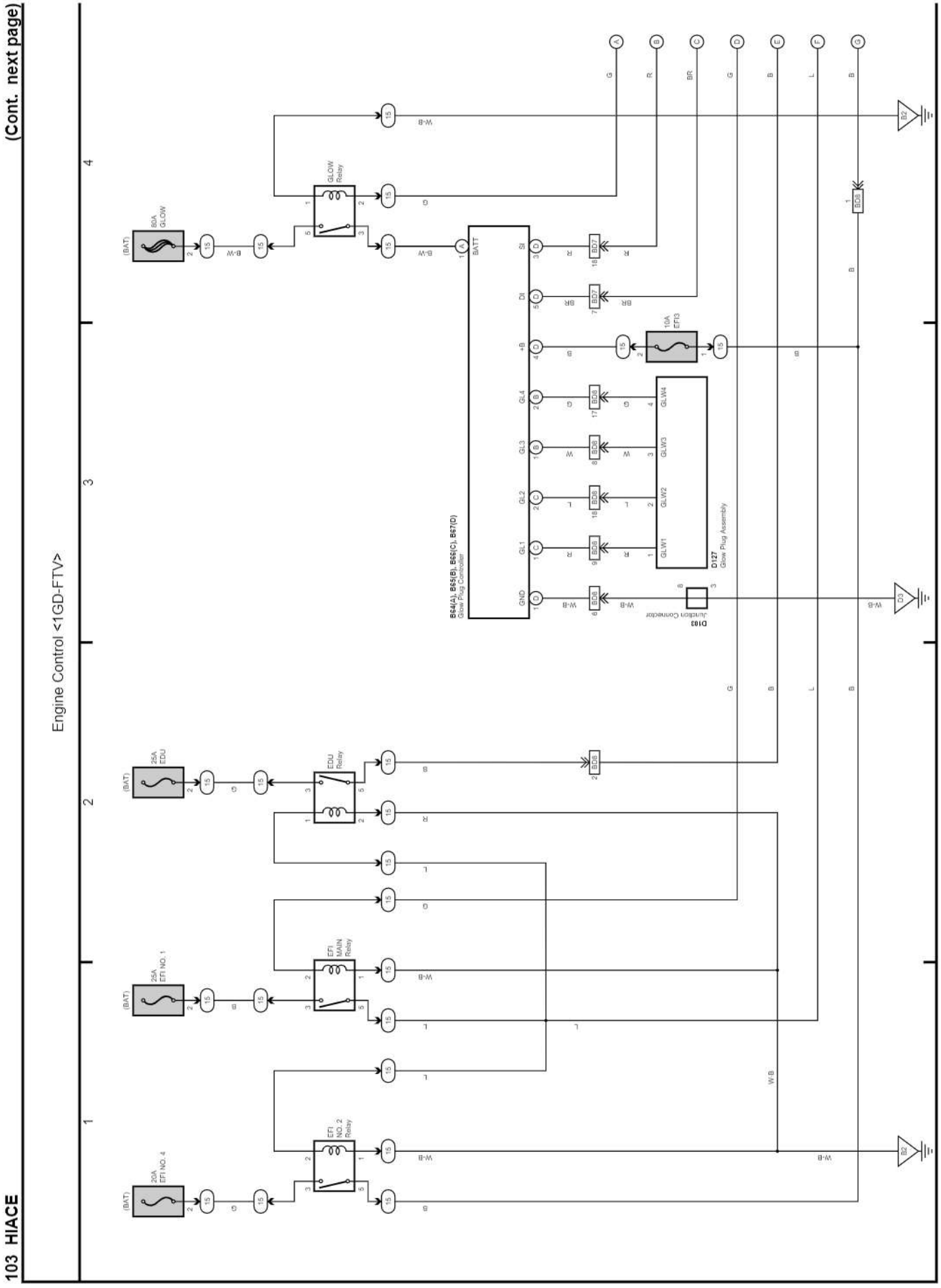
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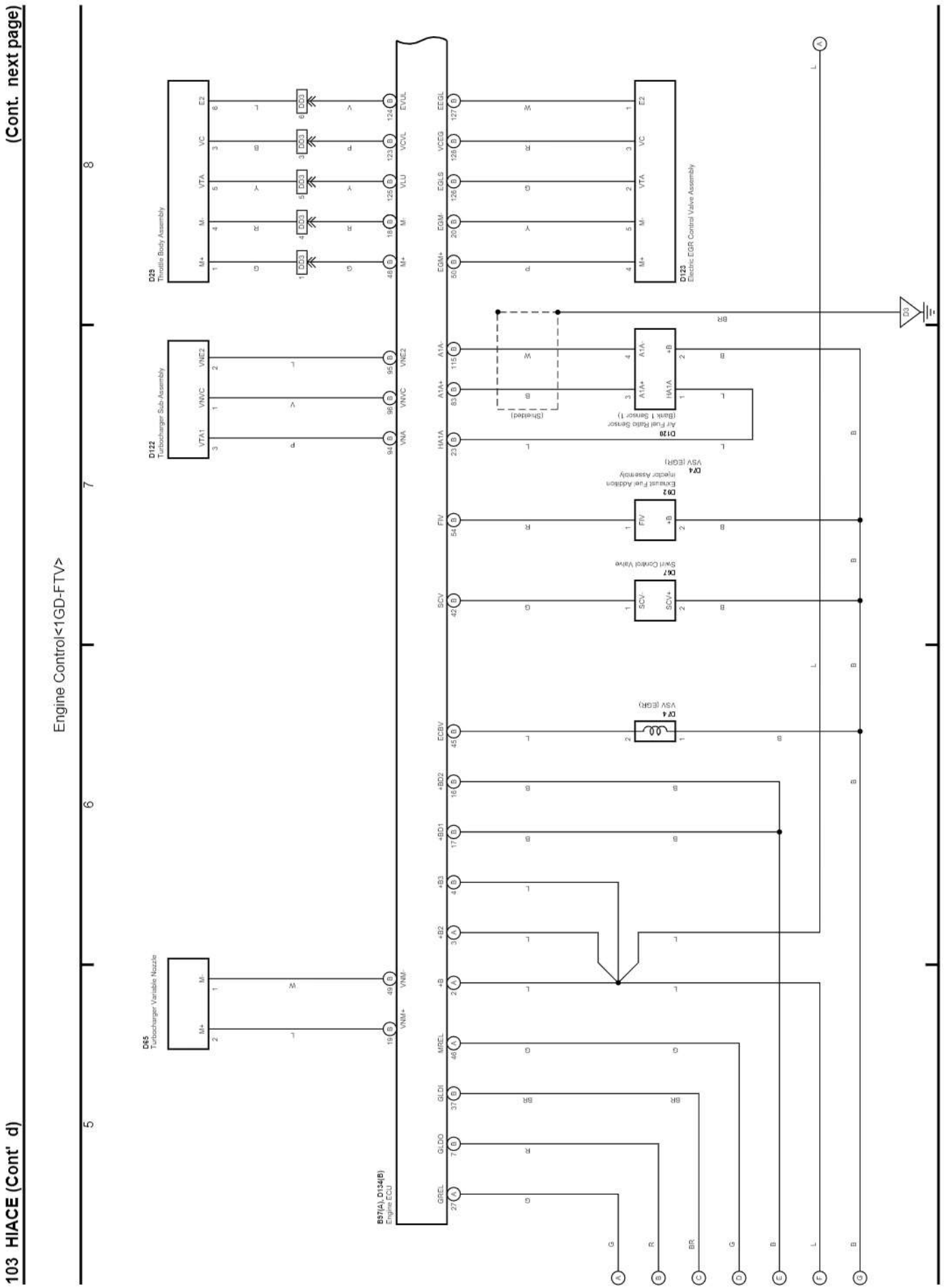


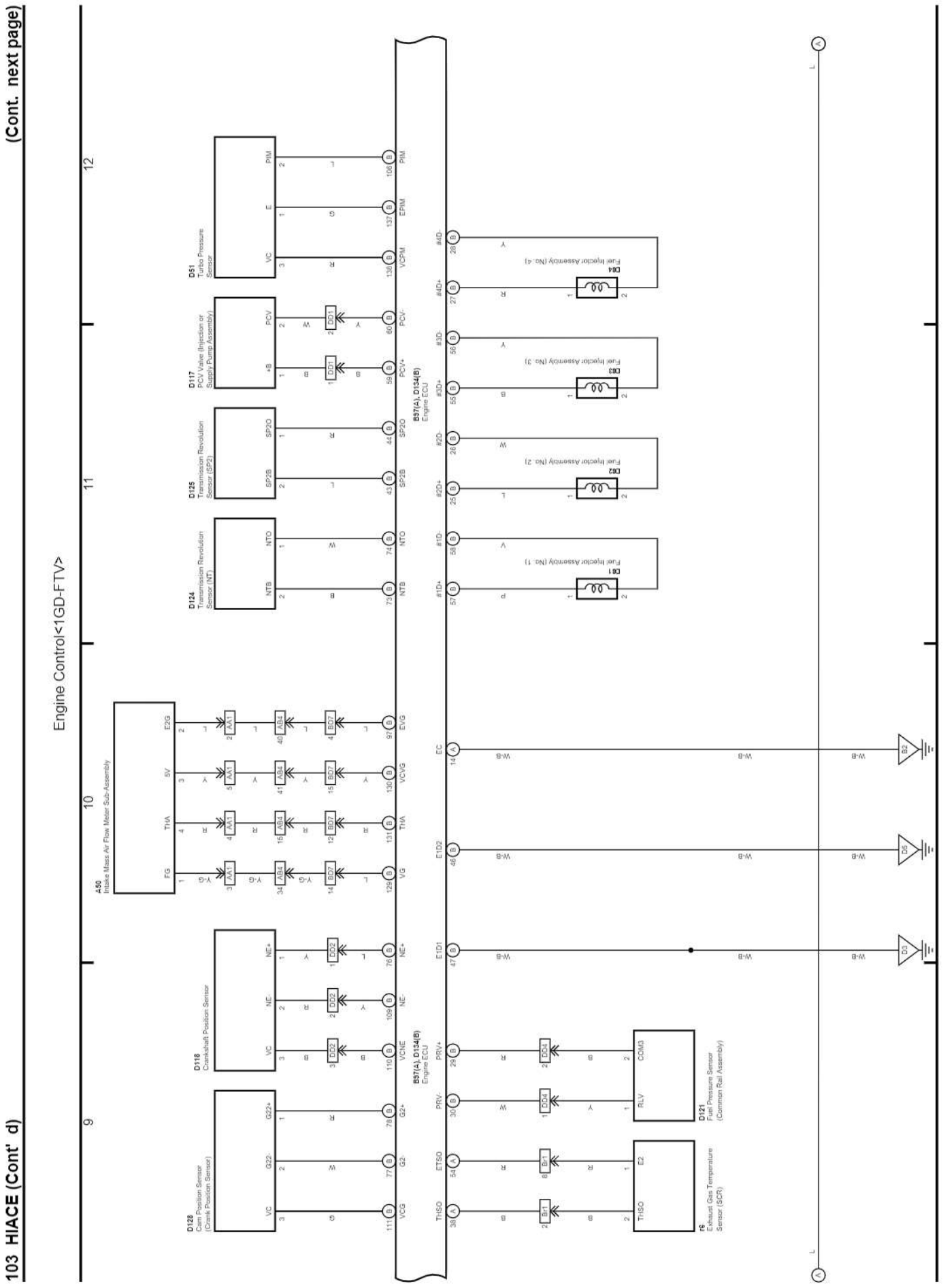

100 HIACE (Cont' d)
Power Source <1GD-FTV>
9
10
11
12
B2
Stop Lamp SW
7.5A ECU-IG NO.2
10A GAUGE NO.2
7.5A STOP NO.2
7.5A A/C NO.2
7.5A ST
10A TAIL
10A PANEL NO.1
10A STOP NO.1
30A POWER
20A RJB INPANE
25A WIP FR
15A WIP/WSH RR
10A A/C NO.1
10A WSH FR
7.5A ECU-IG NO.1
10A GAUGE NO.1
10A AM1
10A FOG FR
10A FOG RR
30A DOOR
15A HTR RR
7.5A OBDII
30A ACC
T.LP Relay
PWR Relay
Noise Filter
IG1 Relay
HTR Relay
B4
H1

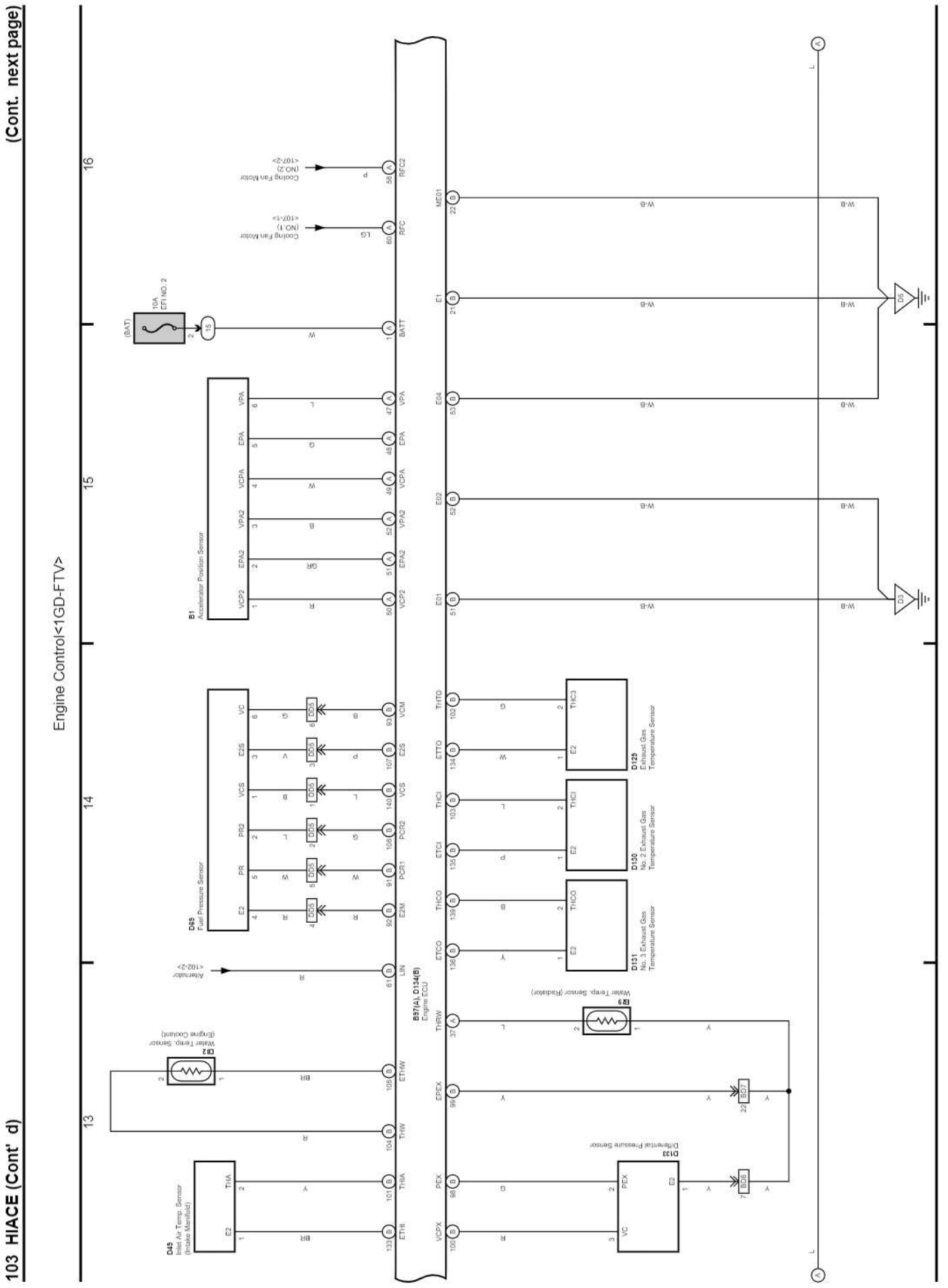

101 HIACE
Starting <1GD-FTV>
7.5A ST
Engine ECU <103-18>
Engine ECU <103-18>
D87 Park/Neutral Position SW
B83 Junction Connector
ST Relay
Starter
H25 Ignition SW
ACC
IG1
ST1
IG2
ST2
AM1
AM2
40A AM2
FL MAIN 3.0W
Battery
10A AM1
120A J/B
150A ALT

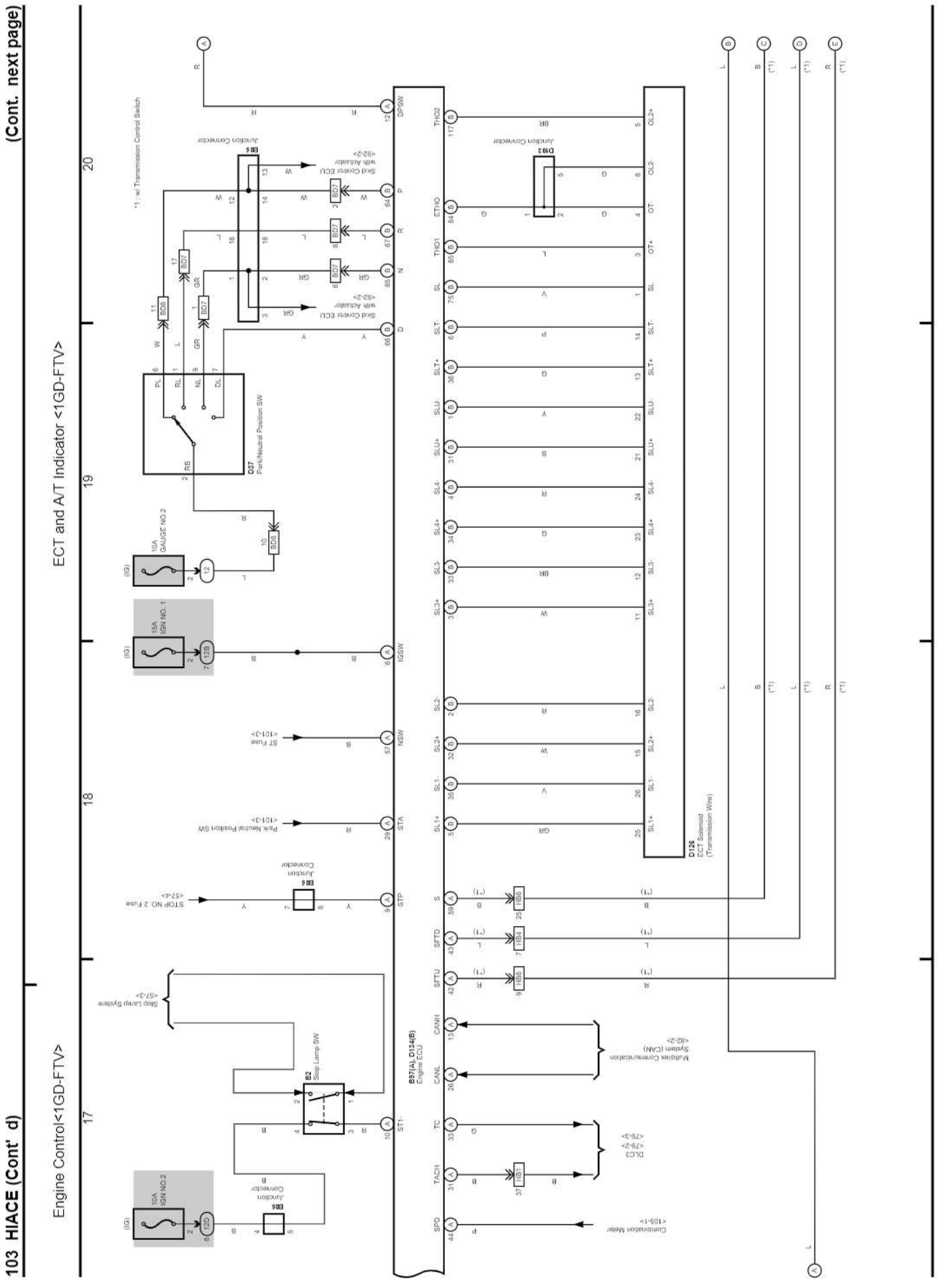

Charging <1GD-FTV>
102 HIACE
(IG)
10A
MET IGN
(BAT)
10A
DOME NO.1
150A
ALT
FL MAIN
3.0W
Battery
IG+
CHARGE
TELLTALS
LED/LCD DRIVER
5V IC
CPU
DISPLAY DRIVER
CAN I/F
CANL
CANH
Multiplex Communication System (CAN) <108-2>
H20(A)
Combination Meter
E1
H1
LIN
IC Regulator
Stator coil
E10(E), D108(D)
Alternator
Engine ECU <103-13>

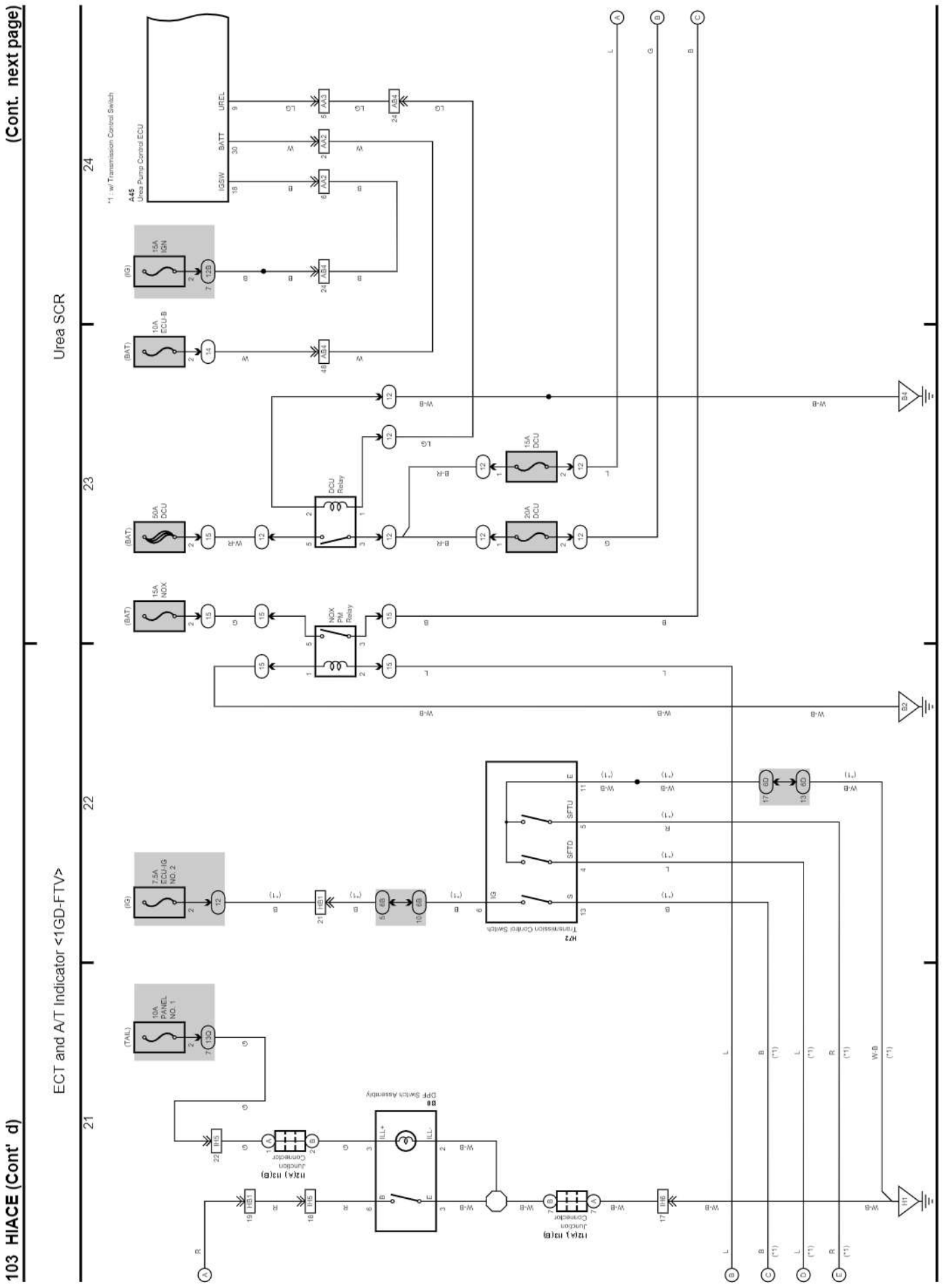

(Cont. next page)
Engine Control <1GD-FTV>
103 HIACE
80A GLOW
GLOW Relay
10A EFI3
25A EDU
EDU Relay
25A EFI NO. 1
EFI MAIN Relay
20A EFI NO. 4
EFI NO. 2 Relay
B64(A), B65(B), B66(C), B67(D)
Glow Plug Controller
D103
Junction Connector
D127
Glow Plug Assembly
BATT
GLW1
GLW2
GLW3
GLW4
GND
B2
B3
B08

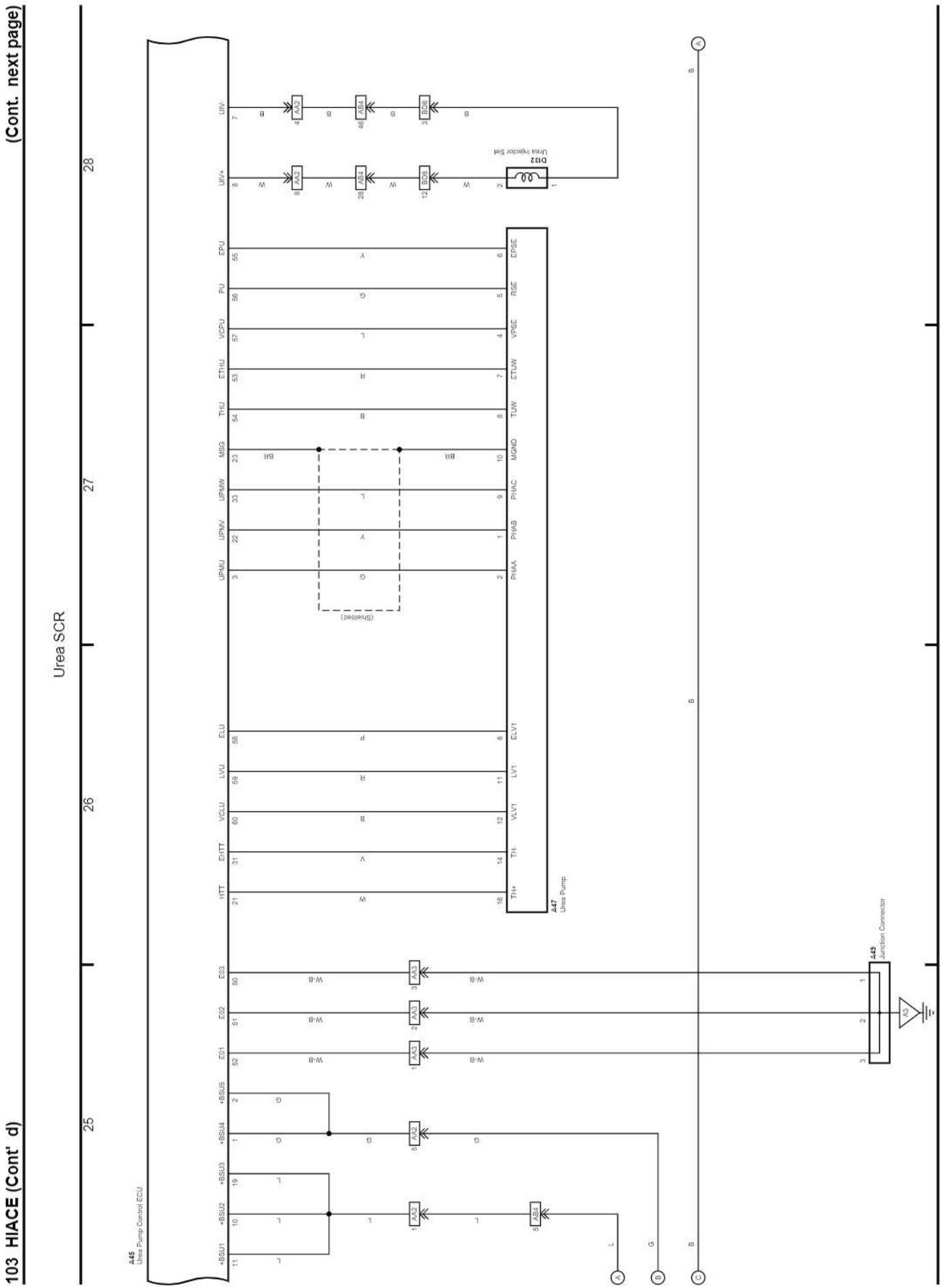

103 HIACE (Cont' d)
(Cont. next page)
Engine Control<1GD-FTV>
5
6
7
8
D29
Throttle Body Assembly
D123
Electric EGR Control Valve Assembly
D122
Turbocharger Sub-Assembly
D120
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
D4
VSV (EGR)
D62
Exhaust Fuel Addition Injector Assembly
D67
Swirl Control Valve
D5
Turbocharger Variable Nozzle
B57(A), D134(B)
Engine ECU
E2
VC
VTA
M-
M+
VCV
VNV
VTA1
VNA
VNM-
VNM+
EVAL
VCVL
VLU
EGLS
EGM-
EGN+
VCEG
EEGL
VNE2
VNVC
A1A-
A1A+
HA1A
FIV
SCV-
SCV+
ECBV
+BD2
+BD1
+B3
+B2
+B
MREL
GLDI
GLDO
GREL
Shielded
30
A
B
C
D
E
F
G

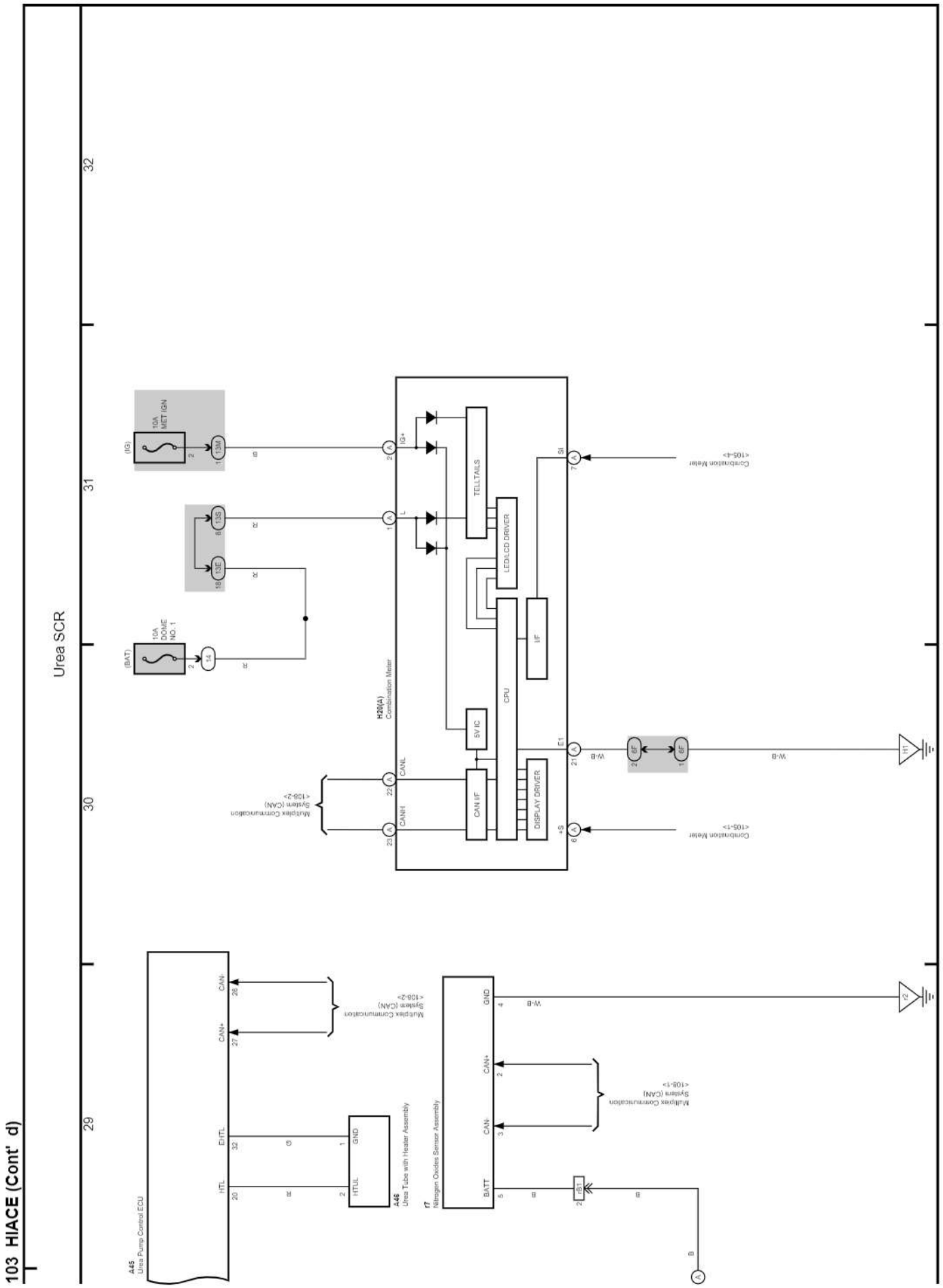

103 HIACE (Cont' d)
(Cont. next page)
Engine Control<1GD-FTV>
9
10
11
12
A50
Intake Mass Air Flow Meter Sub-Assembly
D123
Cam Position Sensor
(Crank Position Sensor)
D118
Crankshaft Position Sensor
D124
Transmission Revolution Sensor (NT)
D125
Transmission Revolution Sensor (SP2)
D117
PCV Valve (Injection or Supply Pump Assembly)
D51
Turbo Pressure Sensor
B57(A), D134(B)
Engine ECU
D121
Fuel Pressure Sensor
(Common Rail Assembly)
f6
Exhaust Gas Temperature Sensor (SCR)
Fuel Injector Assembly (No. 1)
Fuel Injector Assembly (No. 2)
Fuel Injector Assembly (No. 3)
Fuel Injector Assembly (No. 4)
D61
D62
D63
D64
E2
E2G
VCV6
G2-
G2+
VCNE
NE-
NE+
VG
THA
VCVG
EVG
NTB
NTO
SP2B
SP2O
PCV-
PCV+
VCPM
EPIM
PIM
#1D-
#1D+
#2D-
#2D+
#3D-
#3D+
#4D-
#4D+
E1D1
E1D2
EC
THSO
ETSO
PRV-
PRV+
RLV
COM3
E5
E3
E4

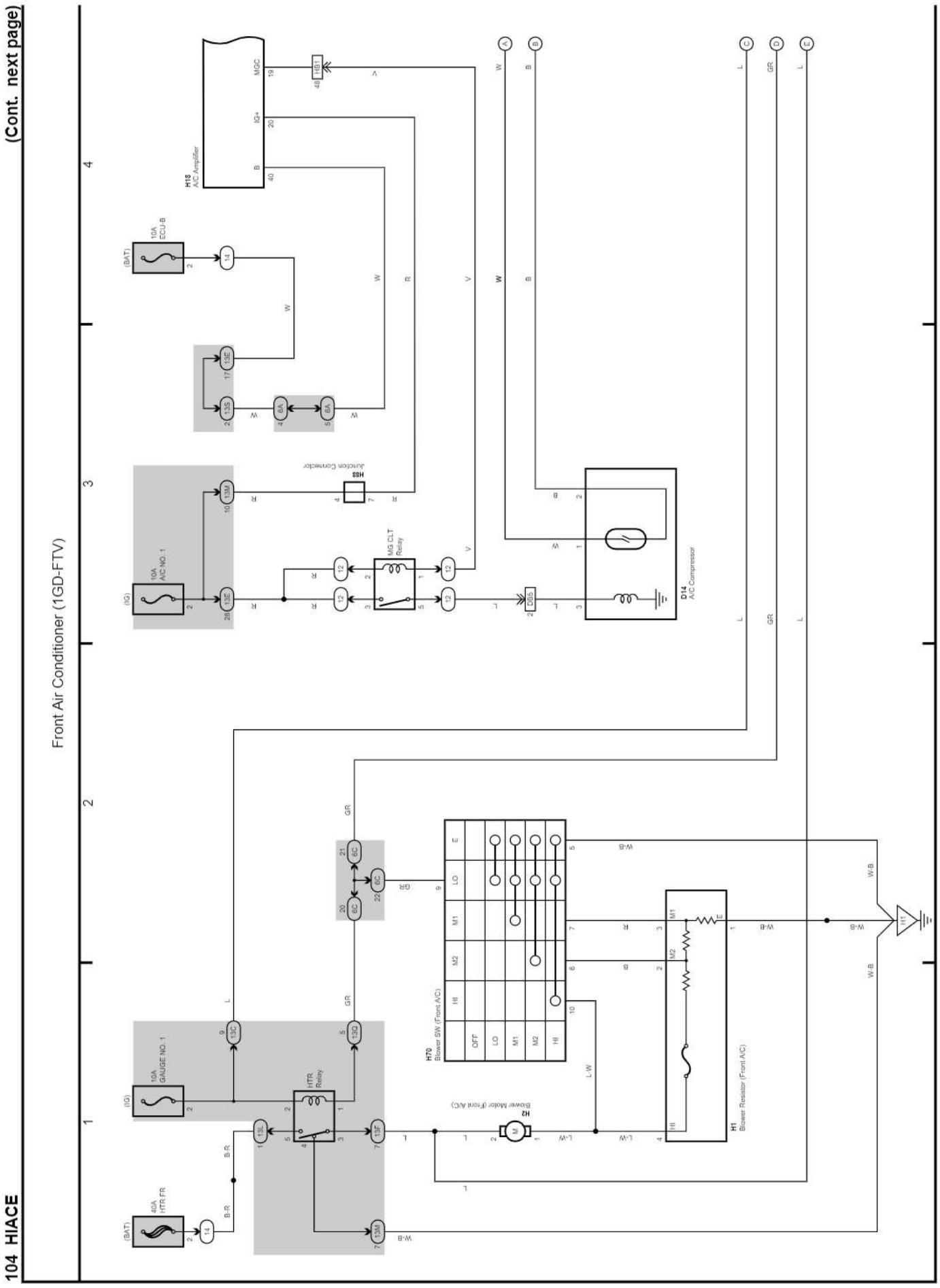

103 HIACE (Cont' d)
(Cont. next page)
Engine Control<1GD-FTV>
13
14
15
16
B1
Accelerator Position Sensor
D49
Inlet Air Temp. Sensor (Intake Manifold)
D99
Fuel Pressure Sensor
D133
Differential Pressure Sensor
D125
Exhaust Gas Temperature Sensor
D130
No. 2 Exhaust Gas Temperature Sensor
D131
No. 3 Exhaust Gas Temperature Sensor
B57(A), D134(B)
Engine ECU
E2
Water Temp. Sensor (Engine Coolant)
E9
Water Temp. Sensor (Radiator)
Alternator
Cooling Fan Motor (NO.1)
Cooling Fan Motor (NO.2)
10A EFI NO. 2
(BAT)
D5
D3

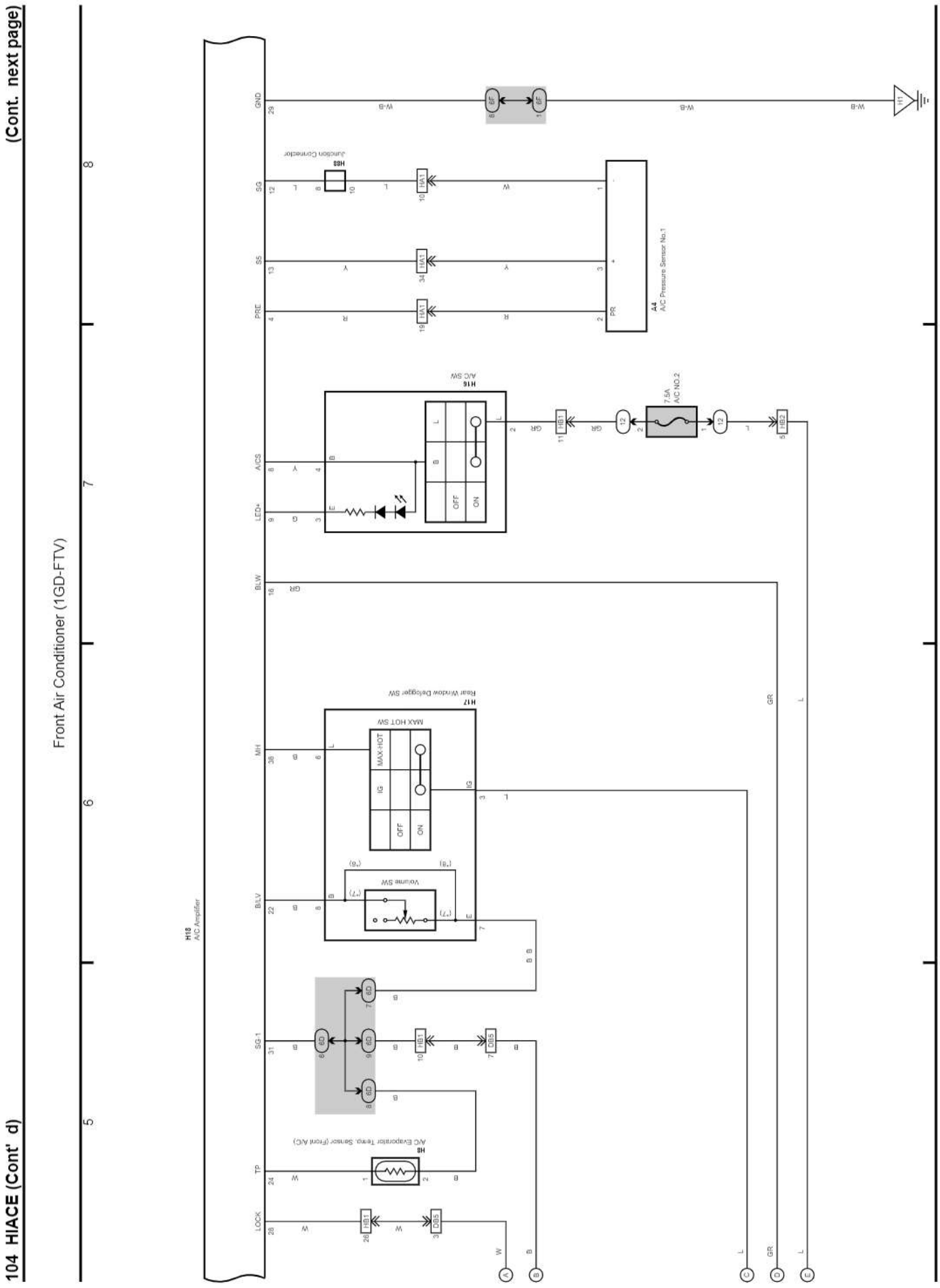

103 HIACE (Cont' d)
(Cont. next page)
Engine Control<1GD-FTV>
ECT and A/T Indicator <1GD-FTV>
17
18
19
20
*1 : w/ Transmission Control Switch
D37
Park/Neutral Position SW
D126
ECT Solenoid
(Transmission Wire)
B57(A), D134(B)
Engine ECU
B2
Stop Lamp SW
10A
GAUGE NO.2
15A
IGN NO. 1
10A
IGN NO.2
Junction Connector
Skid Control ECU
with Actuator
<82-2>
Combination Meter
<105-1>
Multiplex Communication
System (CAN)
<82-2>
DLC3
<79-2>
Stop Lamp System
<57-3>
ST Fuse
<101-3>
Park Neutral Position SW
<101-3>
STOP NO. 2 Fuse
<57-4>
DPSW
IGSW
NSW
STA
STP
ST1-
CANH
CANL
TC
TACH
SPD
THO2
ETHO
THO1
SL
SLT
SLT+
SLU-
SLU+
SL4-
SL4+
SL3-
SL3+
SL2-
SL2+
SL1-
SL1+
S
SFTD
SFTU
OL2+
OL2-
OT-
OT+
SL-
SLT-
SLT+
SLU-
SLU+
SL4-
SL4+
SL3-
SL3+
SL2-
SL2+
SL1-
SL1+

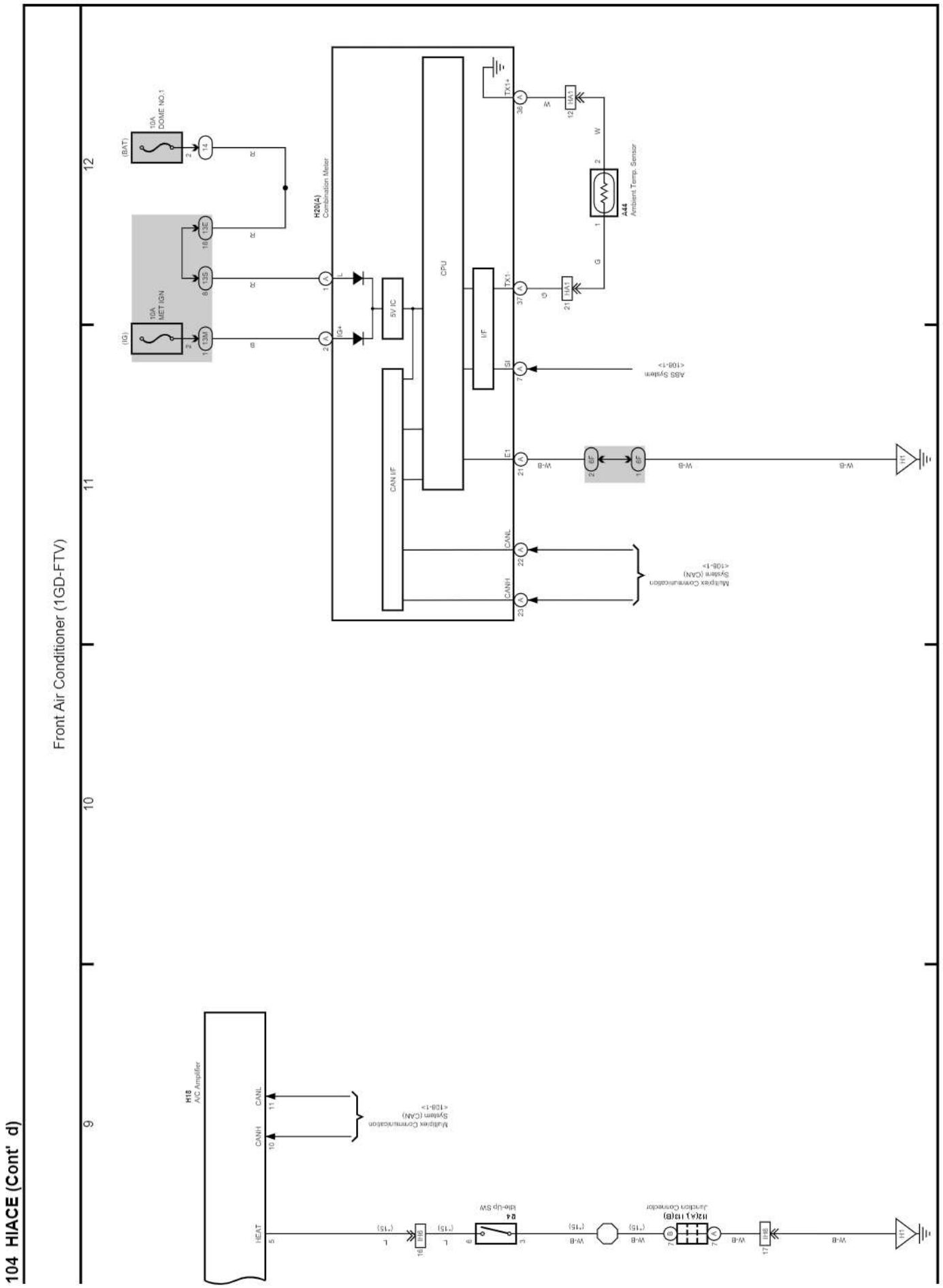

103 HIACE (Cont' d)
(Cont. next page)
ECT and A/T Indicator <1GD-FTV>
Urea SCR
21
22
23
24
A45
Urea Pump Control ECU
*1 : w/ Transmission Control Switch
UREL
BATT
IGSW
15A IGN
10A ECU-B
50A DCU
DCU Relay
15A DCU
20A DCU
15A NOX
NOX PM Relay
7.5A ECU-IG NO. 2
10A PANEL NO. 1
H72
Transmission Control Switch
SFTU
SFTD
DPF Switch Assembly
ILL+
ILL-
Junction Connector
(BAT)
(IG)
(TAIL)

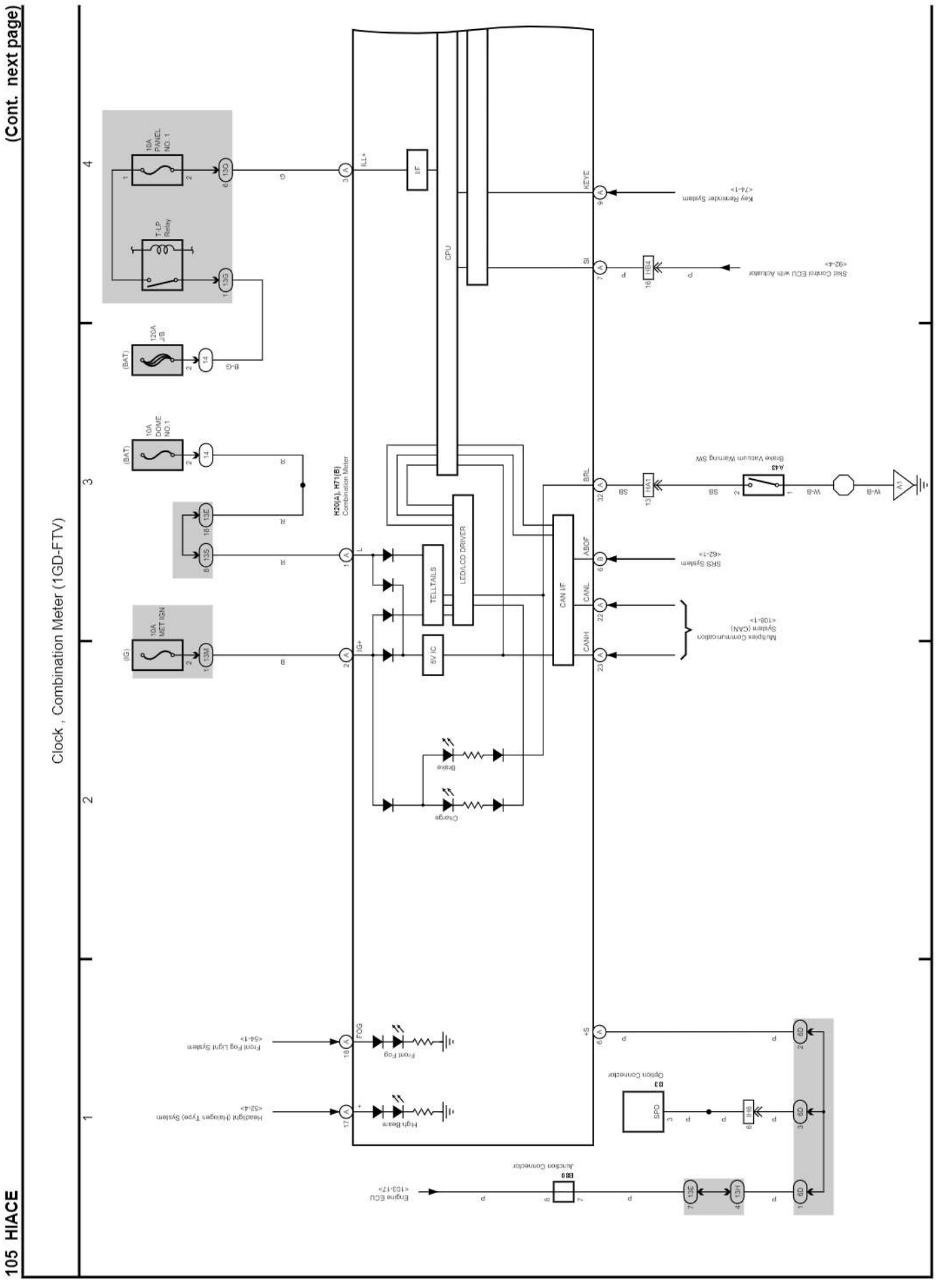

103 HIACE (Cont' d)
(Cont. next page)
25
26
27
28
Urea SCR
A45
Urea Pump Control ECU
+BSU1
+BSU2
+BSU3
+BSU4
+BSU5
ED1
ED2
ED3
HTT
ETTT
VCLU
LVU
ELU
UPWU
UPWV
UPWW
MBS
THU
ETHU
VCPU
PU
EPU
UIV+
UIV-
D132
Urea Injector Set
(Shielded)
A47
Urea Pump
TH+
TH-
VLV1
LV1
ELV1
PHAA
PHAB
PHAC
MGND
TUW
ETUW
VPSE
RSE
EPSE
A45
Junction Connector
A3


103 HIACE (Cont' d)
Urea SCR
29
30
31
32
A45
Urea Pump Control ECU
A46
Urea Tube with Heater Assembly
r7
Nitrogen Oxides Sensor Assembly
H20(A)
Combination Meter
10A
MET IGN
10A
DOME
NO. 1
(IG)
(BAT)
TELLTALS
LED/LCD DRIVER
CPU
I/F
5V I/C
CAN I/F
DISPLAY DRIVER
CANH
CANL
IG+
E1
+S
SI
CAN+
CAN-
EHTL
HTL
HTUL
GND
BATT
Multiplex Communication System (CAN) <108-2>
Multiplex Communication System (CAN) <108-1>
Combination Meter <105-4>
Combination Meter <105-1>


(Cont. next page)
Front Air Conditioner (1GD-FTV)
H18
A/C Amplifier
MGC
IG+
B
10A
ECU-B
(BAT)
10A
A/C NO. 1
(IG)
MG CLT
Relay
Junction Connector
H88
D14
A/C Compressor
10A
GAUGE NO. 1
HTR
Relay
40A
HTR FR
H70
Blower SW (Front A/C)
OFF
LO
M1
M2
HI
H2
Blower Motor (Front A/C)
H1
Blower Resistor (Front A/C)


(Cont. next page)
104 HIACE (Cont' d)
Front Air Conditioner (1GD-FTV)
5
6
7
8
H18
A/C Amplifier
GND
SG
SS
PRE
A/CS
LED+
BLW
MH
BLV
SG-1
TP
LOCK
A4
A/C Pressure Sensor No.1
H16
A/C SW
H17
Rear Window Defogger SW
MAX HOT SW
Volume SW
H8
A/C Evaporator Temp. Sensor (Front A/C)
Junction Connector
7.5A
A/C NO.2
OFF
ON
IG
MAX-HOT

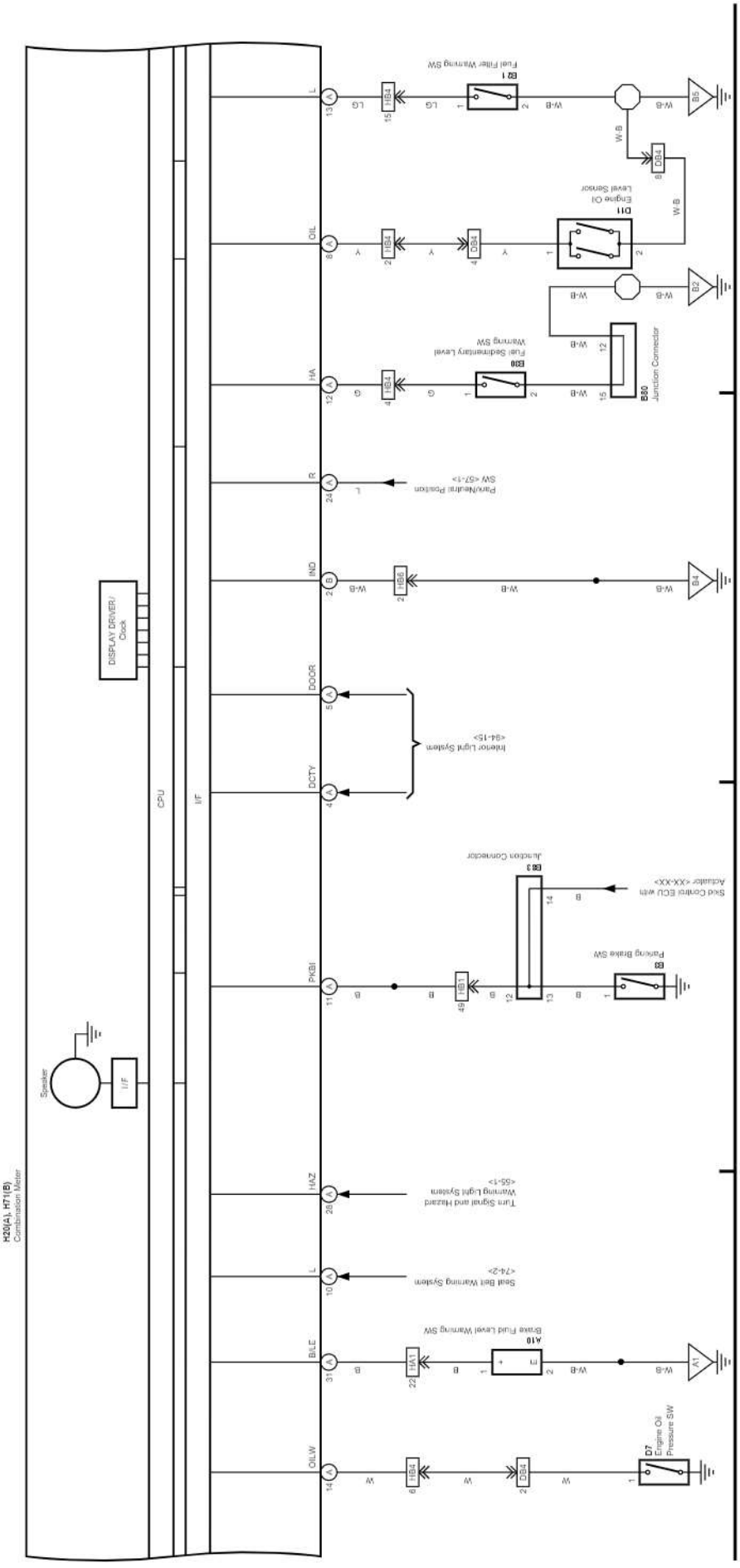

104 HIACE (Cont' d)
Front Air Conditioner (1GD-FTV)
12
11
10
9
(BAT)
10A DOME NO.1
14
(IG)
10A MET IGN
13M
13S
13E
H20(A) Combination Meter
IG+
5V IC
CPU
I/F
CAN I/F
TX1+
TX1-
SI
E1
CANL
CANH
36
37
7
21
22
23
10A1
12
1HA1
21
A44 Ambient Temp. Sensor
ABS System <108-1>
Multiplex Communication System (CAN) <108-1>
H18 A/C Amplifier
HEAT
5
11
10
idle-Up SW
R4
Junction Connector
H2(A1,13(B))
1HB
2IE
1IE
H1
W-B
L
(*15)

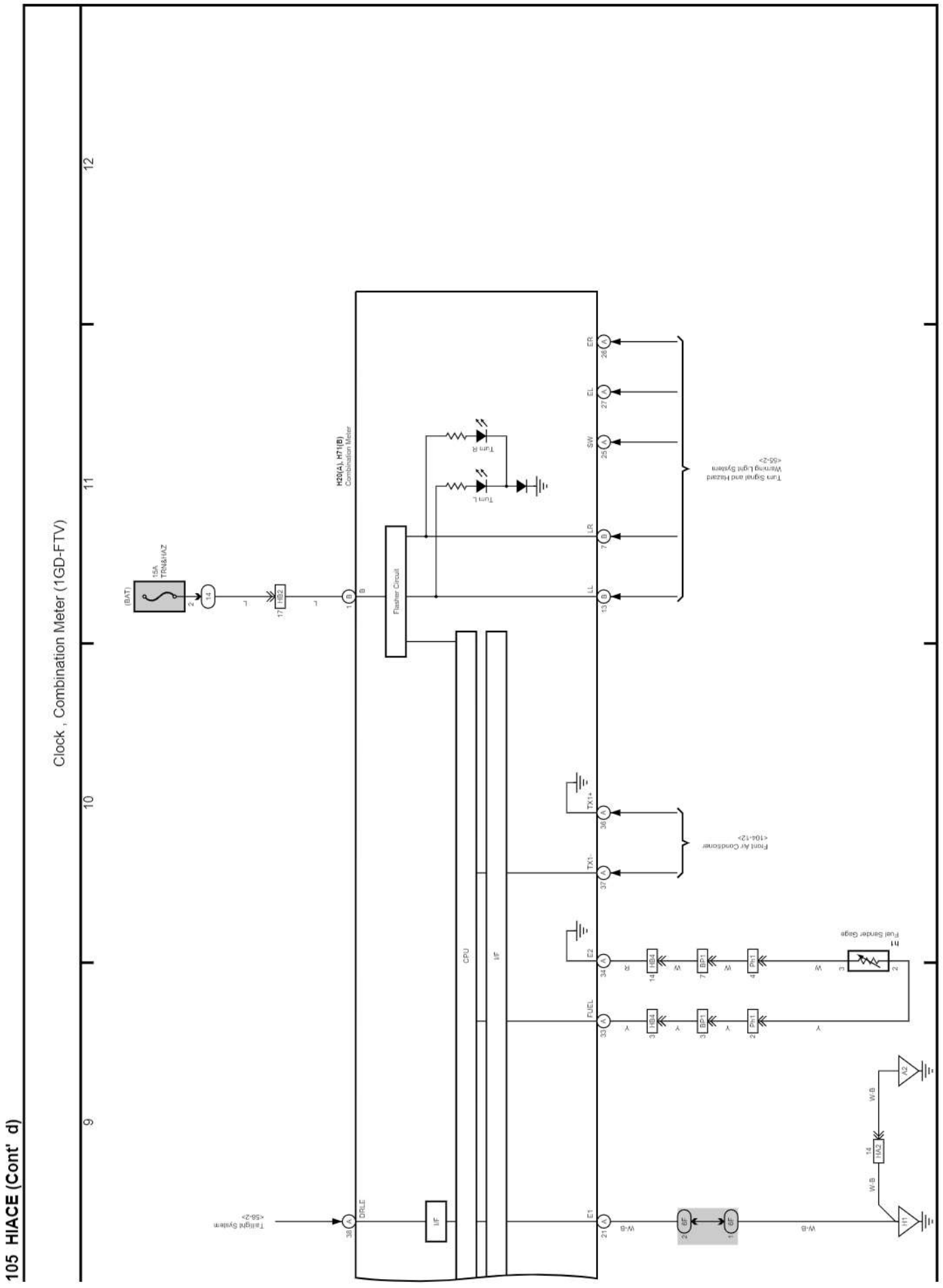

(Cont. next page)
Clock , Combination Meter (1GD-FTV)
105 HIACE
10A PANEL NO.1
T-LP Relay
120A J/B
10A DOME NO.1
10A MET IGN
H20(A), H7(B) Combination Meter
IF
CPU
TELLTALS
LED/LCD DRIVER
5V IC
CAN I/F
Brake
Orange
Key Reminder System <74-1>
Skid Control ECU with Actuator <92-4>
Brake Vacuum Warning SW
SRS System <62-1>
Multiplex Communication System (CAN) <108-1>
Front Fog Light System <54-1>
Headlight (Halogen Type) System <52-4>
Engine ECU <103-17>
Junction Connector
Option Connector
ILL+
KEYE
SI
BRL
ABOF
CANL
CANH
IG+
FOG
+S
B-G

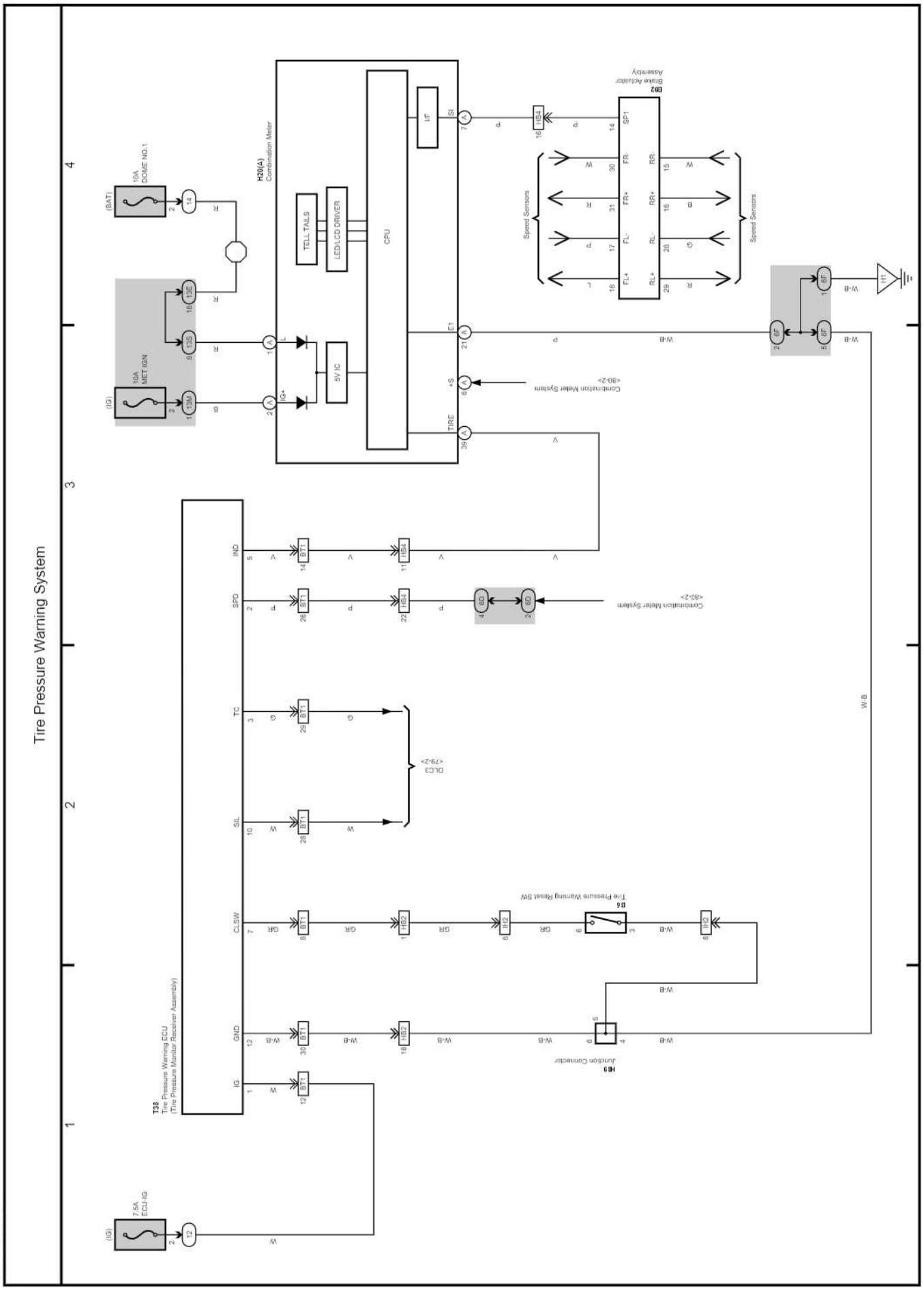
105 HIACE (Cont' d)

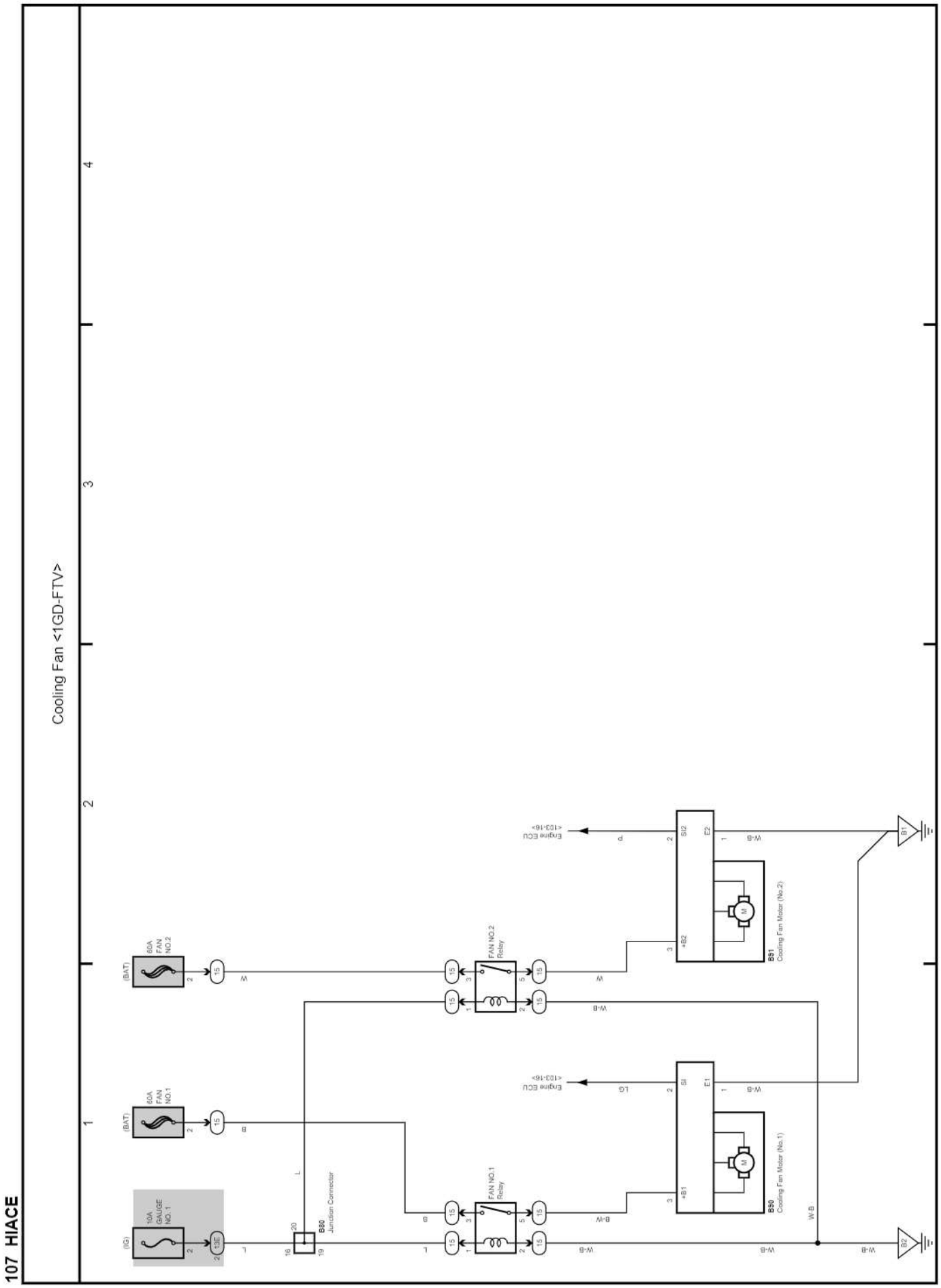
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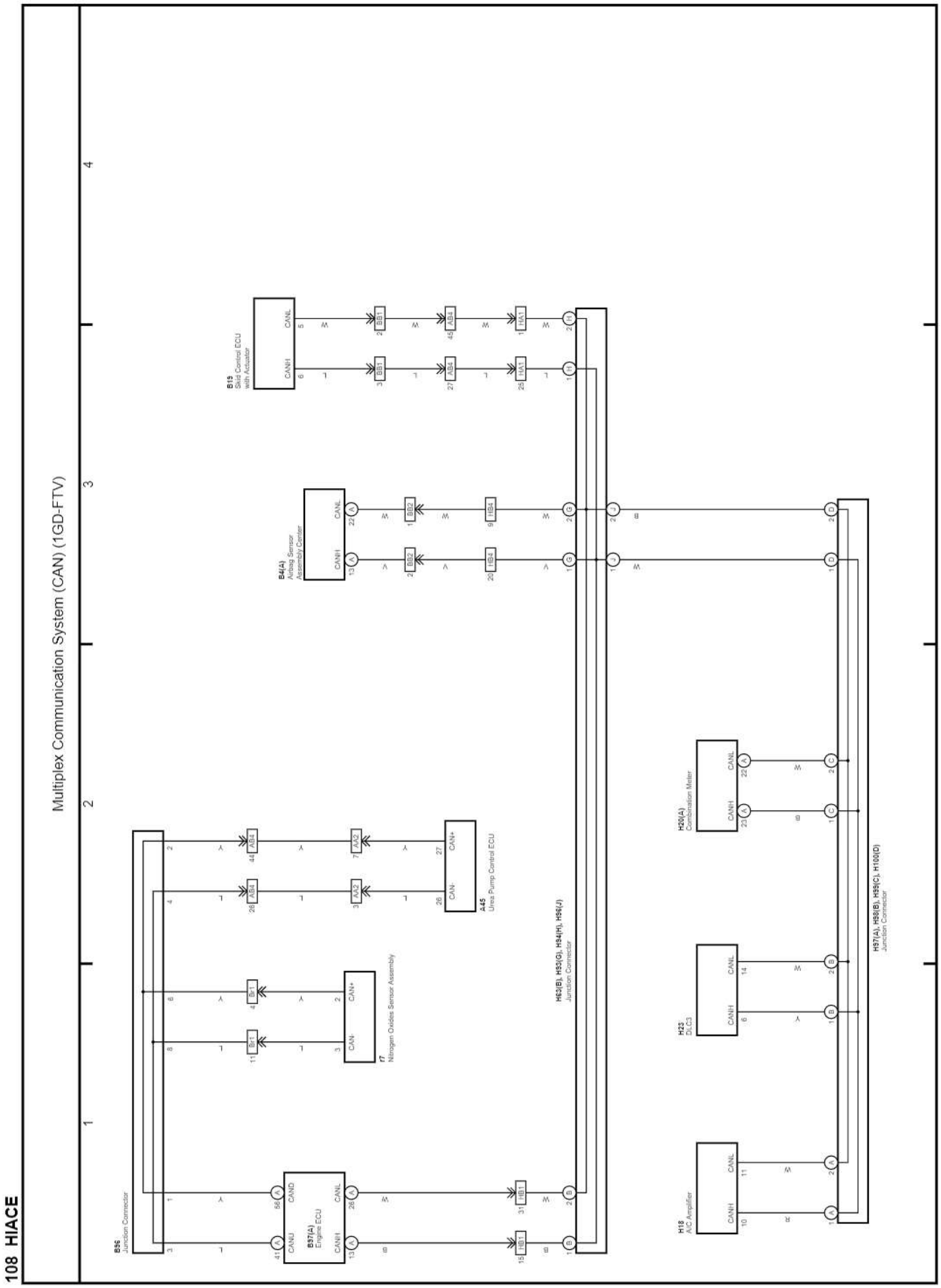
Clock (1GD-FTV) and Combination Meter (1GD-FTV)




105 HIACE (Cont' d)
Clock , Combination Meter (1GD-FTV)
9
10
11
12
(BAT)
15A TRN&HAZ
1HB2
H20(A), H71(B) Combination Meter
Flasher Circuit
Turn R
Turn L
ER
EL
SW
LR
LL
Turn Signal and Hazard Warning Light System <53-2>
TX1+
TX1-
Front Air Conditioner <10A-12>
CPU
I/F
E2
FUEL
Fuel Sender Gage
1HB4
BP1
Fm1
E1
Taillight System <56-2>
DRLE
A2
A1
1HA2
W-B


Tire Pressure Warning System
106 HIACE
(BAT)
10A DOME NO.1
(IG)
10A MET IGN
7.5A ECU-IG
H20(A) Combination Meter
TELL TALS
LED/LCD DRIVER
CPU
I/F
5V I/C
Brake Actuator Assembly
E92
Speed Sensors
Combination Meter System <80-2>
T38 Tire Pressure Warning ECU (Tire Pressure Monitor Receiver Assembly)
IND
SPD
TC
SIL
CLSW
GND
IG
DLC3 <79-2>
Tire Pressure Warning Reset SW
B6
Junction Connector
H9
HT


Cooling Fan <1GD-FTV>
107 HIACE
1
2
3
4
(BAT)
60A FAN NO.2
(BAT)
60A FAN NO.1
(IG)
10A GAUGE NO.1
FAN NO.2 Relay
FAN NO.1 Relay
B80 Junction Connector
B51 Cooling Fan Motor (No.2)
B50 Cooling Fan Motor (No.1)
Engine ECU <1GD-FTV>
Engine ECU <1GD-FTV>
B1
B2


Multiplex Communication System (CAN) (1GD-FTV)
1
2
3
4
B19
Skid Control ECU with Actuator
B4(A)
Airbag Sensor Assembly Center
A45
Urea Pump Control ECU
r7
Nitrogen Oxides Sensor Assembly
B37(A)
Engine ECU
B56
Junction Connector
H63(B), H53(G), H54(H), H56(J)
Junction Connector
H20(A)
Combination Meter
H23
DLC3
H18
A/C Amplifier
H57(A), H58(B), H59(C), H100(D)
Junction Connector
CANH
CANL
CAN+
CAN-
CAND