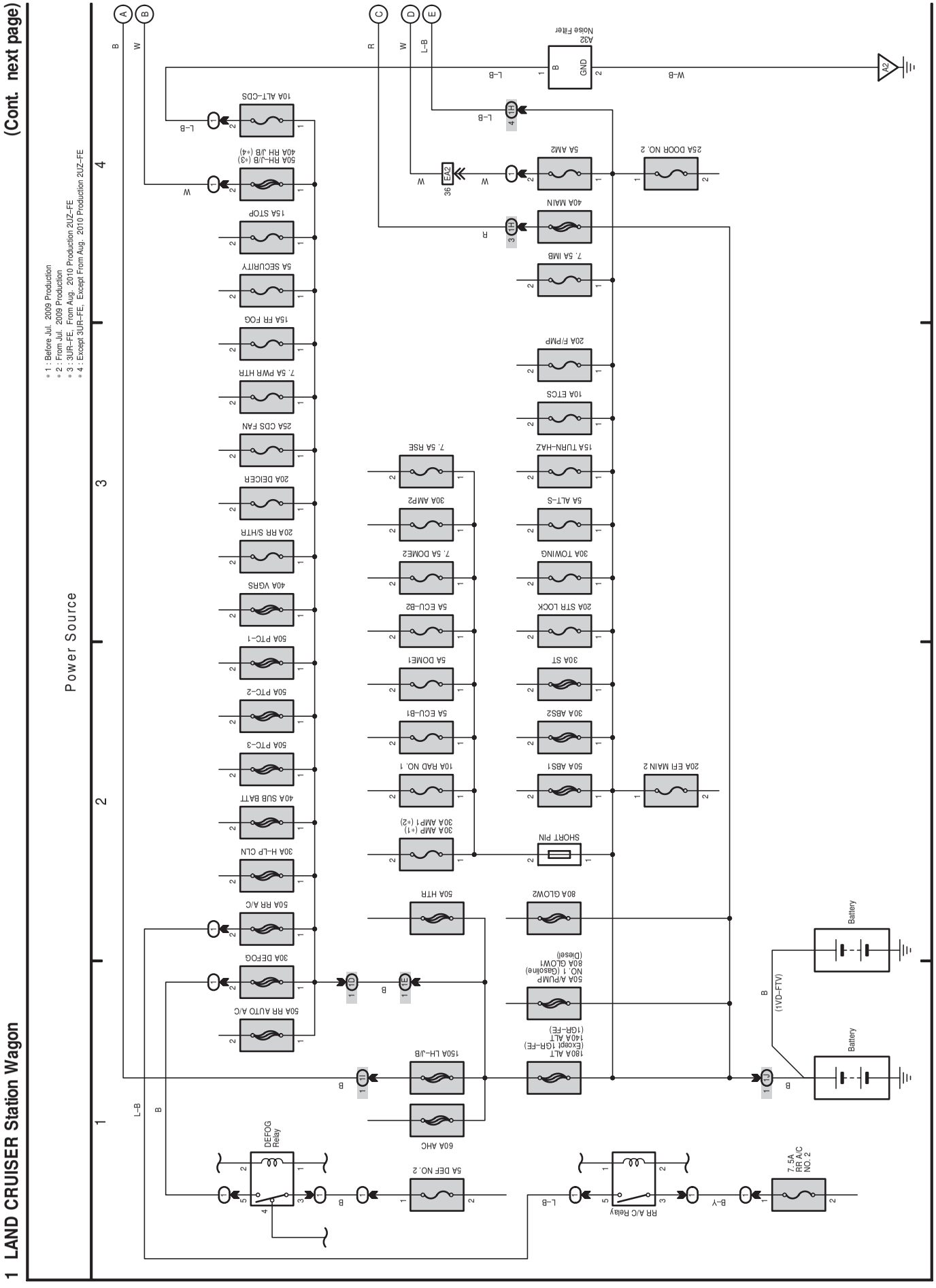
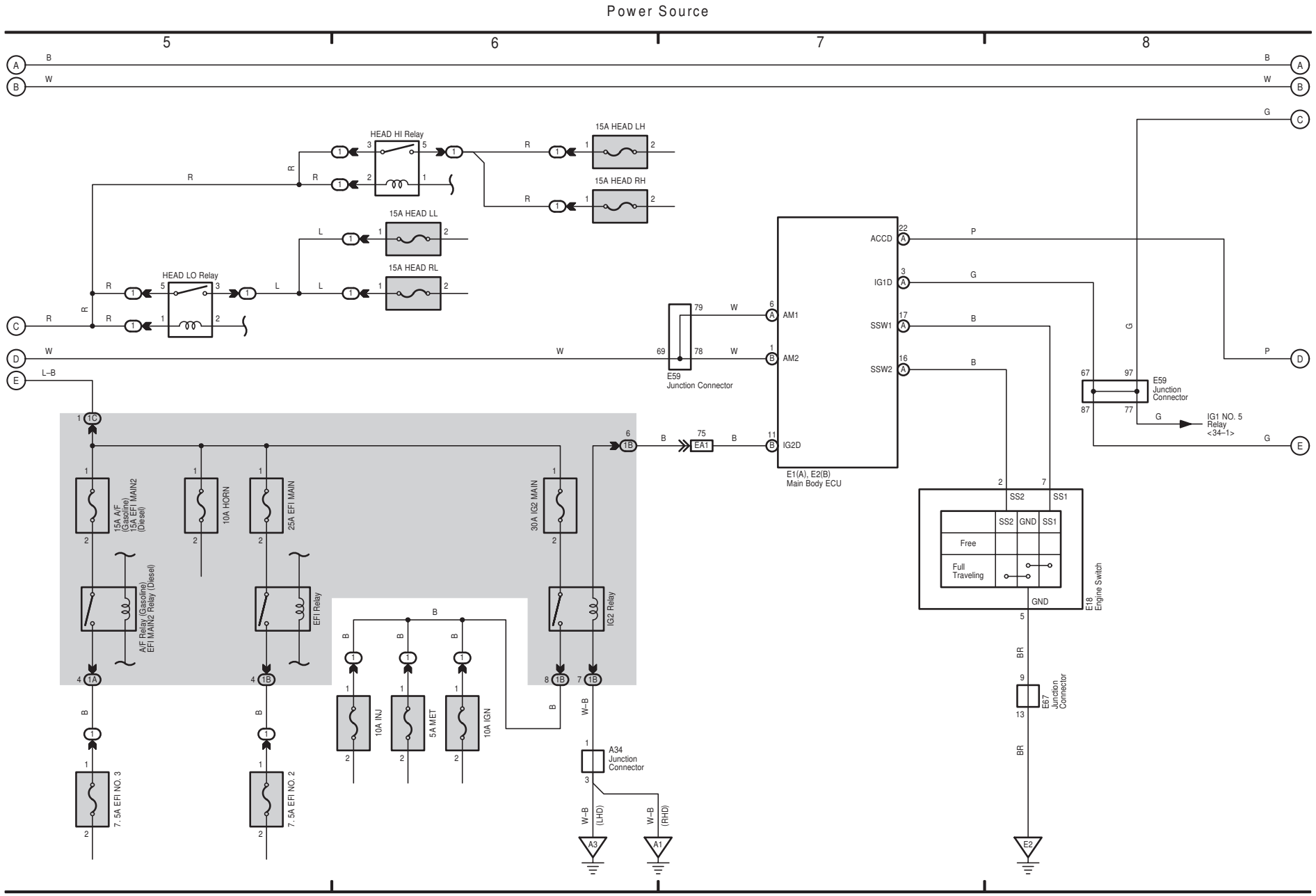
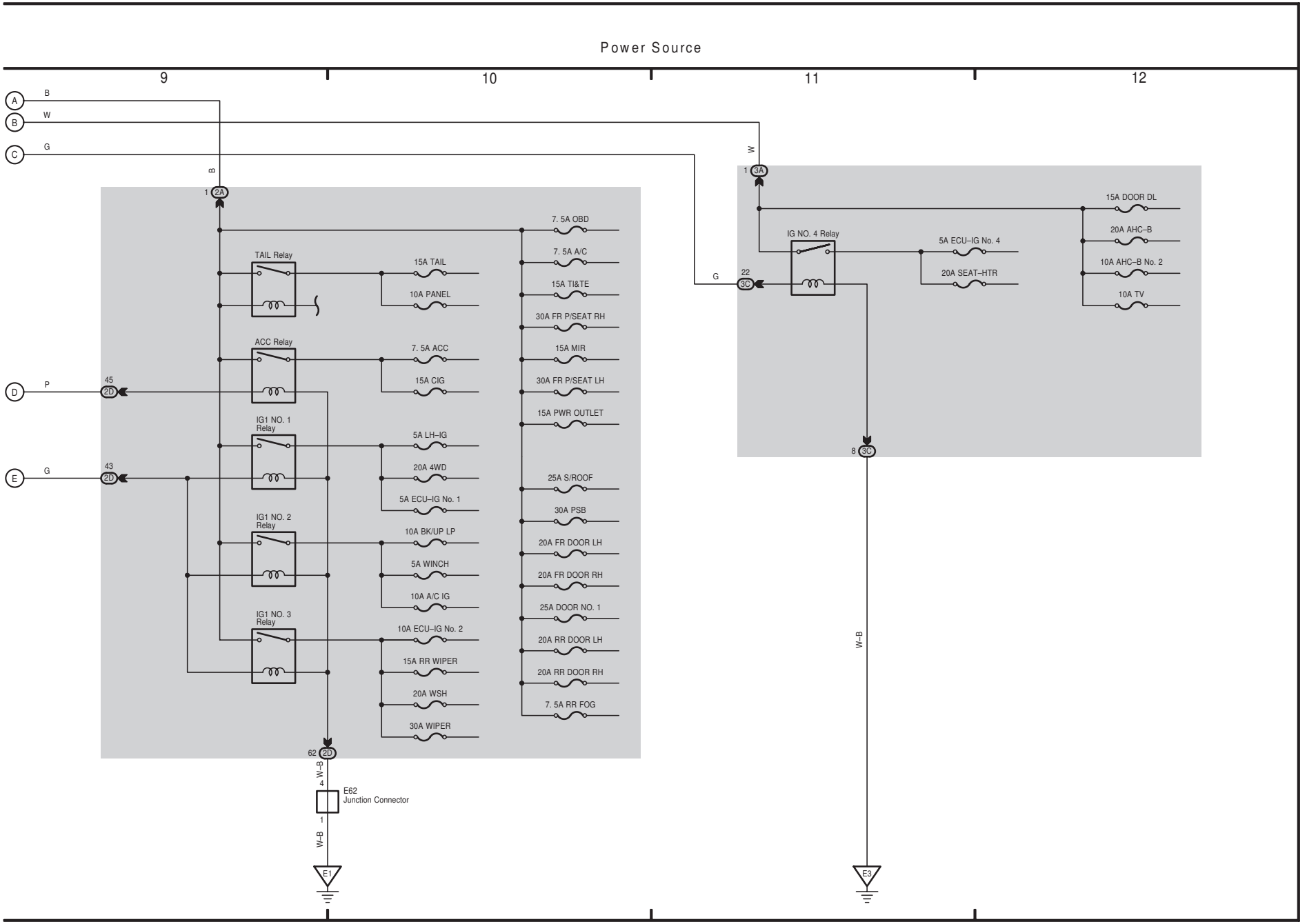

1 LAND CRUISER Station Wagon
(Cont. next page)
Power Source
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : 3UR-FE, From Aug. 2010 Production 2UZ-FE
* 4 : Except 3UR-FE, Except From Aug. 2010 Production 2UZ-FE
A32 Noise Filter
GND
A2
10A ALT-CDS
50A RH-J/B (*3)
40A RH J/B (*4)
15A STOP
5A SECURITY
15A FR FOG
7.5A PWR HTR
25A CDS FAN
20A DEICER
20A RR S/HTR
40A VGRS
50A PTC-1
50A PTC-2
50A PTC-3
40A SUB BATT
30A H-LP CLN
50A RR A/C
30A DEFOG
50A RR AUTO A/C
150A LH-J/B
60A AHC
5A DEF NO. 2
DEFOG Relay
RR A/C Relay
7.5A RR A/C NO. 2
5A AM2
25A DOOR NO. 2
40A MAIN
7.5A IMB
20A F/PMP
10A ETCS
15A TURN-HAZ
5A ALT-S
30A TOWING
20A STR LOCK
30A ST
30A ABS2
50A ABS1
20A EFI MAIN 2
7.5A RSE
30A AMP2
7.5A DOME2
5A ECU-B2
5A DOME1
5A ECU-B1
10A RAD NO. 1
30A AMP (*1)
30A AMP1 (*2)
SHORT PIN
50A HTR
80A GLOW2
50A A/PUMP NO. 1 (Gasoline) 80A GLOW1 (Diesel)
180A ALT (Except 1GR-FE) 140A ALT (1GR-FE)
Battery
(1VD-FTV)
Battery

(Cont. next page)

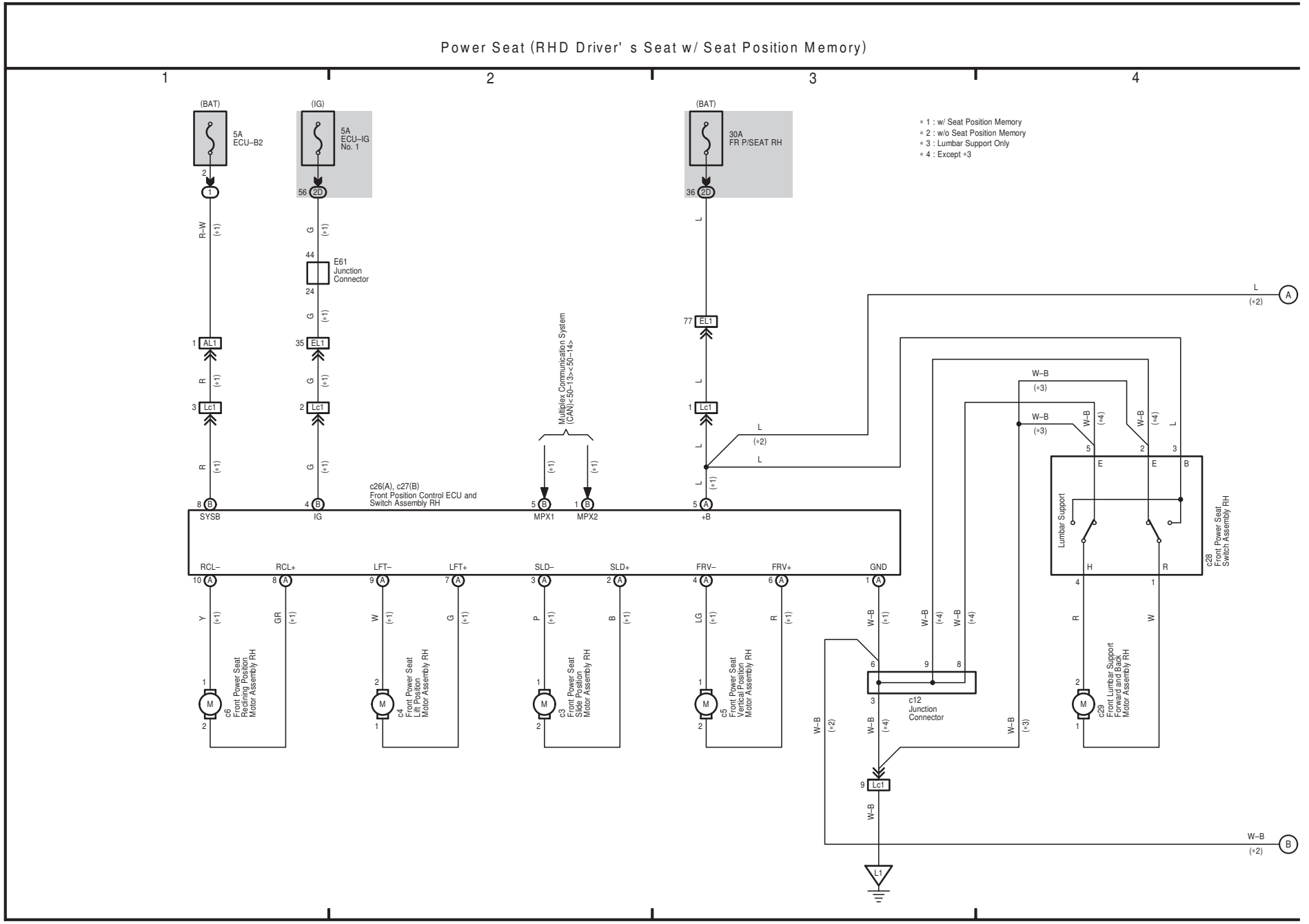


1 LAND CRUISER Station Wagon (Cont' d)



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Power Seat (RHD Driver' s Seat w/ Seat Position Memory)

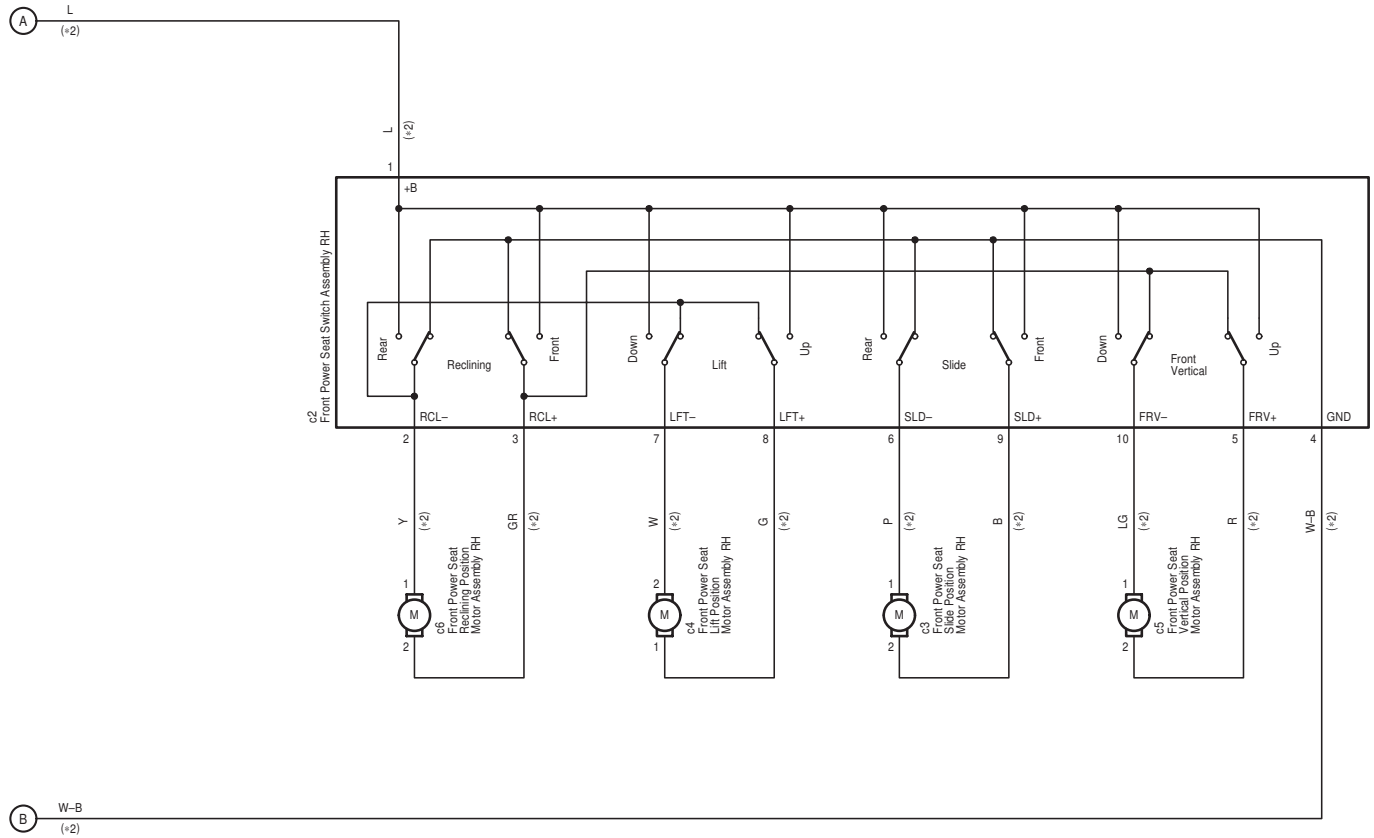


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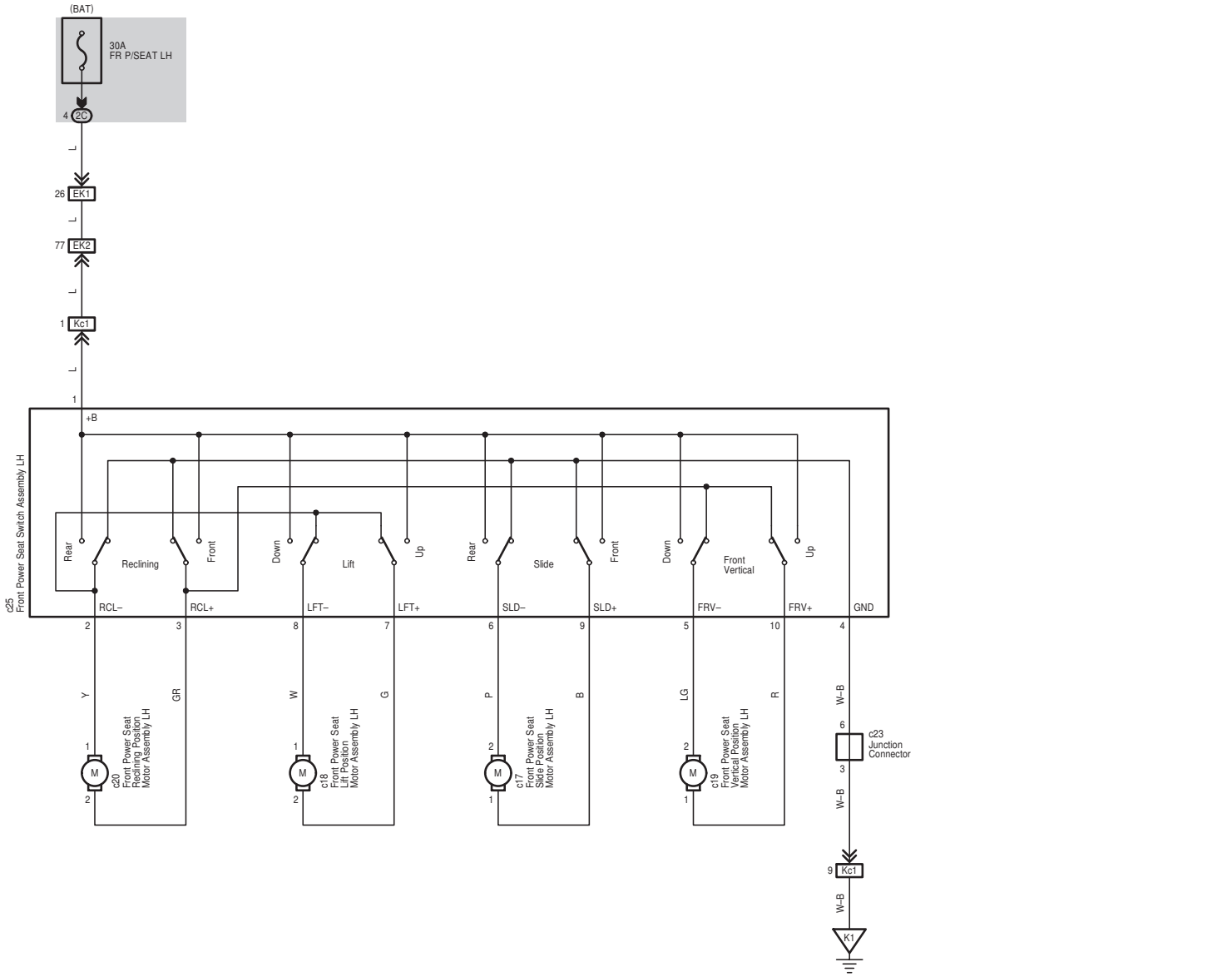
Power Seat (RHD Driver' s Seat w/o Seat Position Memory)

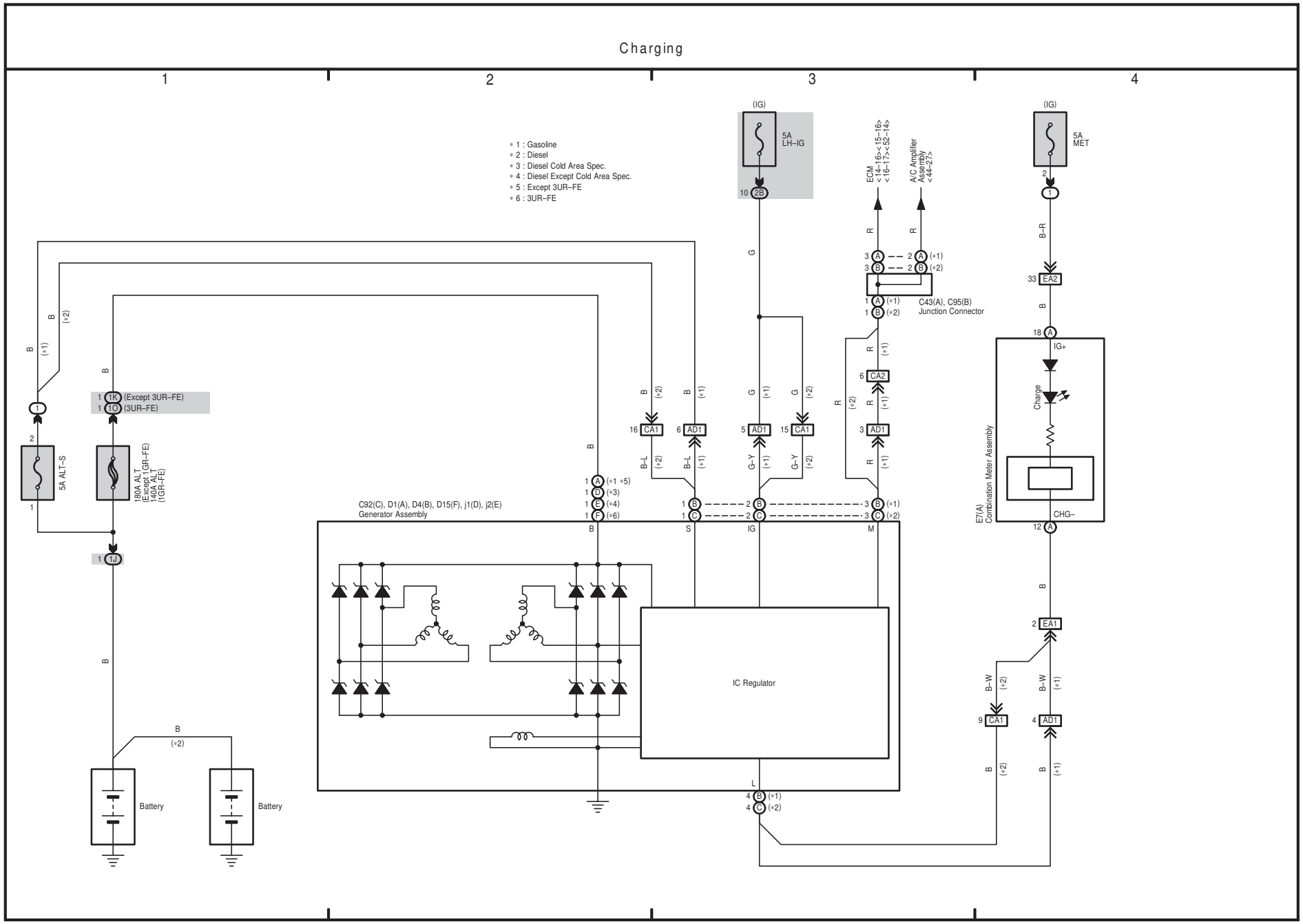
5 6 7 8

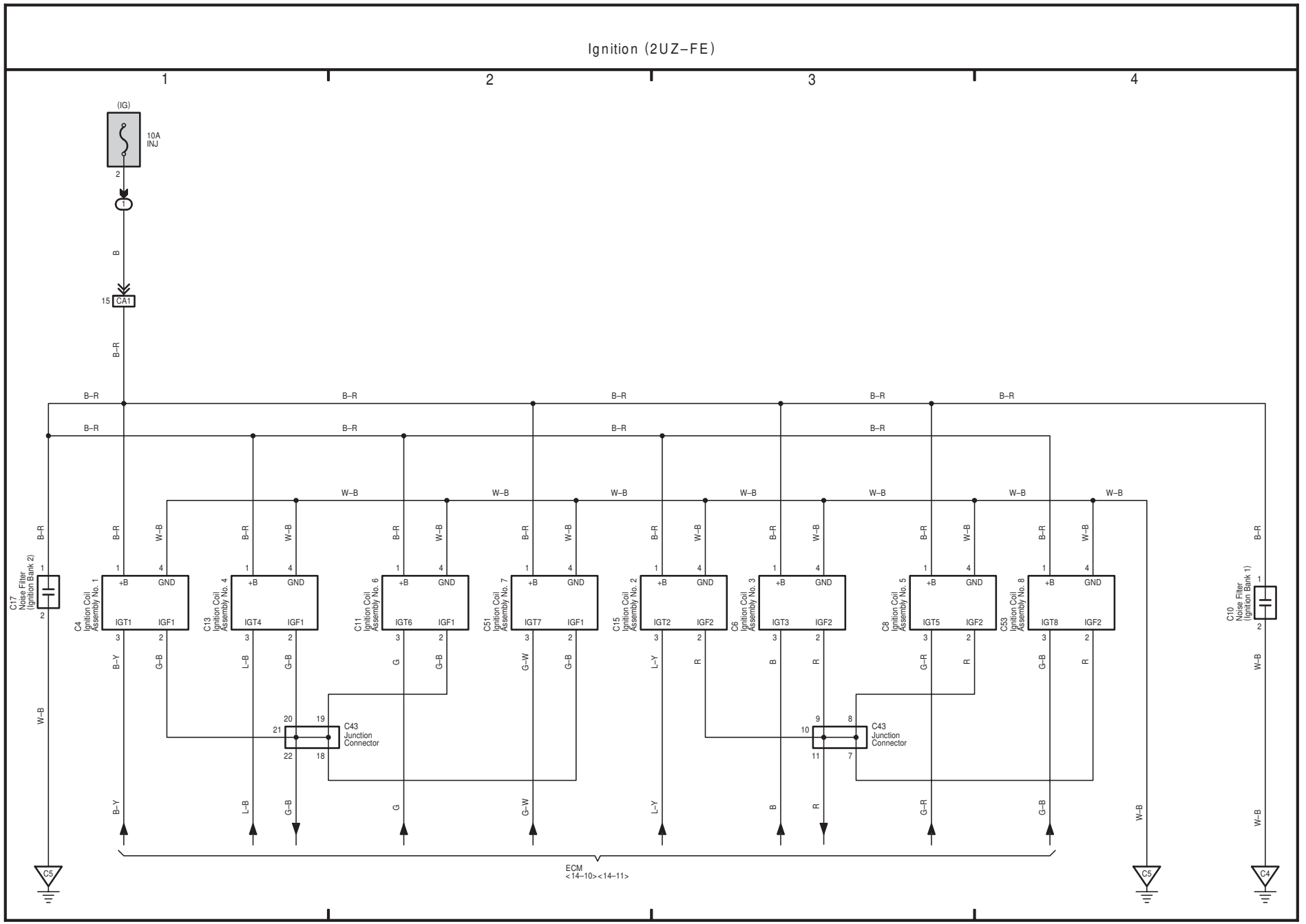
∗ 2 : w/o Seat Position Memory

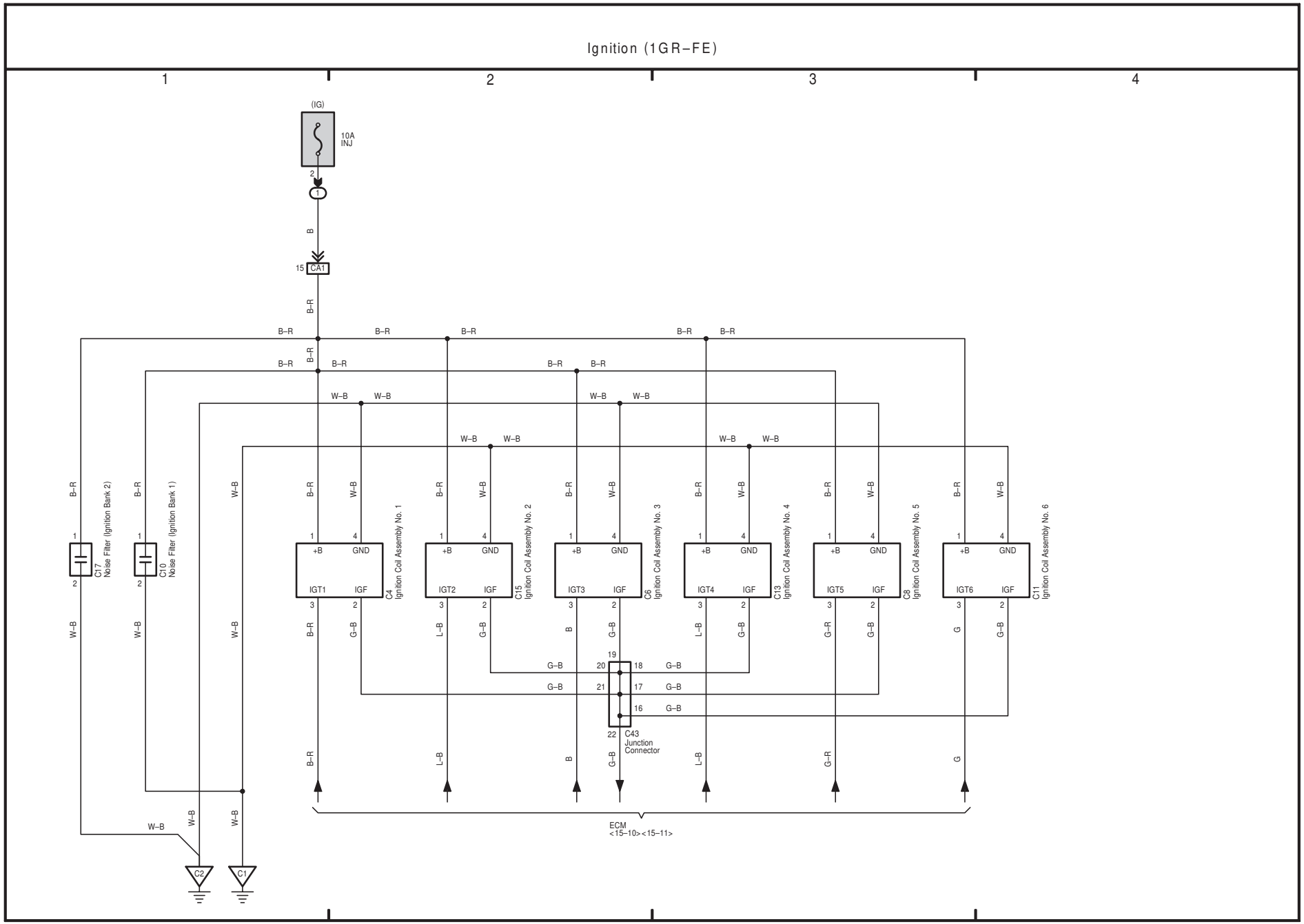


Power Seat (RHD Front Passenger' s Seat)




Charging
1
2
3
4
* 1 : Gasoline
* 2 : Diesel
* 3 : Diesel Cold Area Spec.
* 4 : Diesel Except Cold Area Spec.
* 5 : Except 3UR–FE
* 6 : 3UR–FE
(IG)
5A LH–IG
10 2B
ECM <14–16><15–16><16–17><52–14>
A/C Amplifier Assembly <44–27>
C43(A), C95(B) Junction Connector
(IG)
5A MET
2
1
B–R
33 EA2
18 A
IG+
Charge
CHG–
12 A
E7(A) Combination Meter Assembly
1 1K (Except 3UR–FE)
1 1O (3UR–FE)
5A ALT–S
180A ALT (Except 1GR–FE)
140A ALT (1GR–FE)
1 1J
C92(C), D1(A), D4(B), D15(F), j1(D), j2(E) Generator Assembly
1 A (*1 *5)
1 D (*3)
1 E (*4)
1 F (*6)
B
S
IG
M
16 CA1
6 AD1
5 AD1
15 CA1
6 CA2
3 AD1
IC Regulator
L
4 B (*1)
4 C (*2)
2 EA1
9 CA1
4 AD1
B–W
B–L
G–Y
Battery
Battery

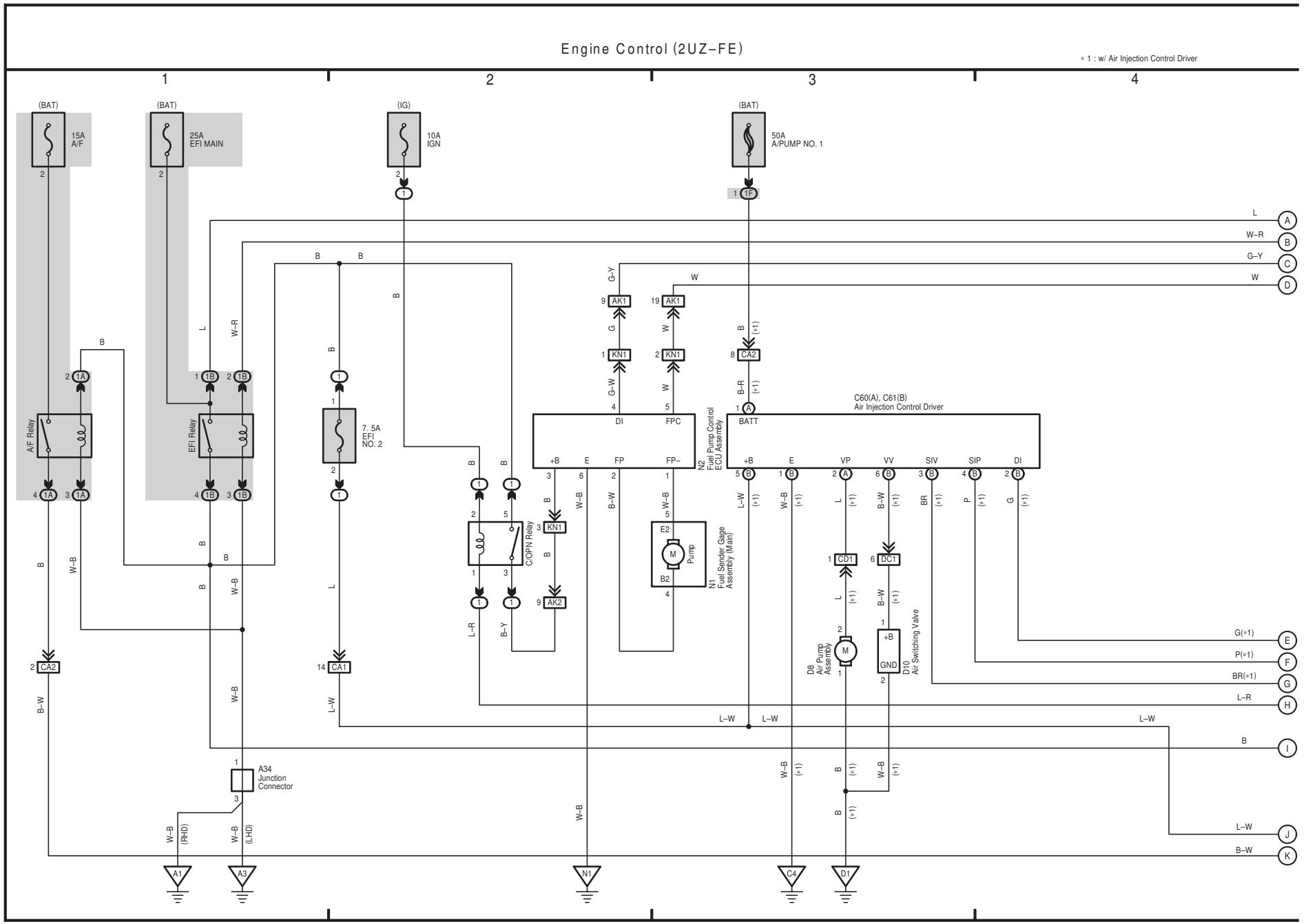

Ignition (2UZ–FE)
1
2
3
4
(IG)
10A
INJ
2
B
15 CA1
B–R
W–B
C17
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil
Assembly No. 1
C13
Ignition Coil
Assembly No. 4
C11
Ignition Coil
Assembly No. 6
C51
Ignition Coil
Assembly No. 7
C15
Ignition Coil
Assembly No. 2
C6
Ignition Coil
Assembly No. 3
C9
Ignition Coil
Assembly No. 5
C53
Ignition Coil
Assembly No. 8
+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
IGT2
IGF2
IGT3
IGT5
IGT8
B–Y
G–B
L–B
G
G–W
L–Y
R
B
G–R
C43
Junction
Connector
C10
Noise Filter
(Ignition Bank 1)
C5
C4
ECM
<14–10><14–11>


Ignition (1GR–FE)
1
2
3
4
(IG)
10A
INJ
2
1
B
15 CA1
B–R
W–B
C17
Noise Filter (Ignition Bank 2)
C10
Noise Filter (Ignition Bank 1)
+B
GND
IGT1
IGF
C4
Ignition Coil Assembly No. 1
IGT2
C15
Ignition Coil Assembly No. 2
IGT3
C6
Ignition Coil Assembly No. 3
IGT4
C13
Ignition Coil Assembly No. 4
IGT5
C8
Ignition Coil Assembly No. 5
IGT6
C11
Ignition Coil Assembly No. 6
L–B
G–B
G–R
G
19
20
18
21
17
16
22
C43
Junction
Connector
ECM
<15–10><15–11>
C2
C1

(Cont. next page)

Engine Control (2UZ–FE)

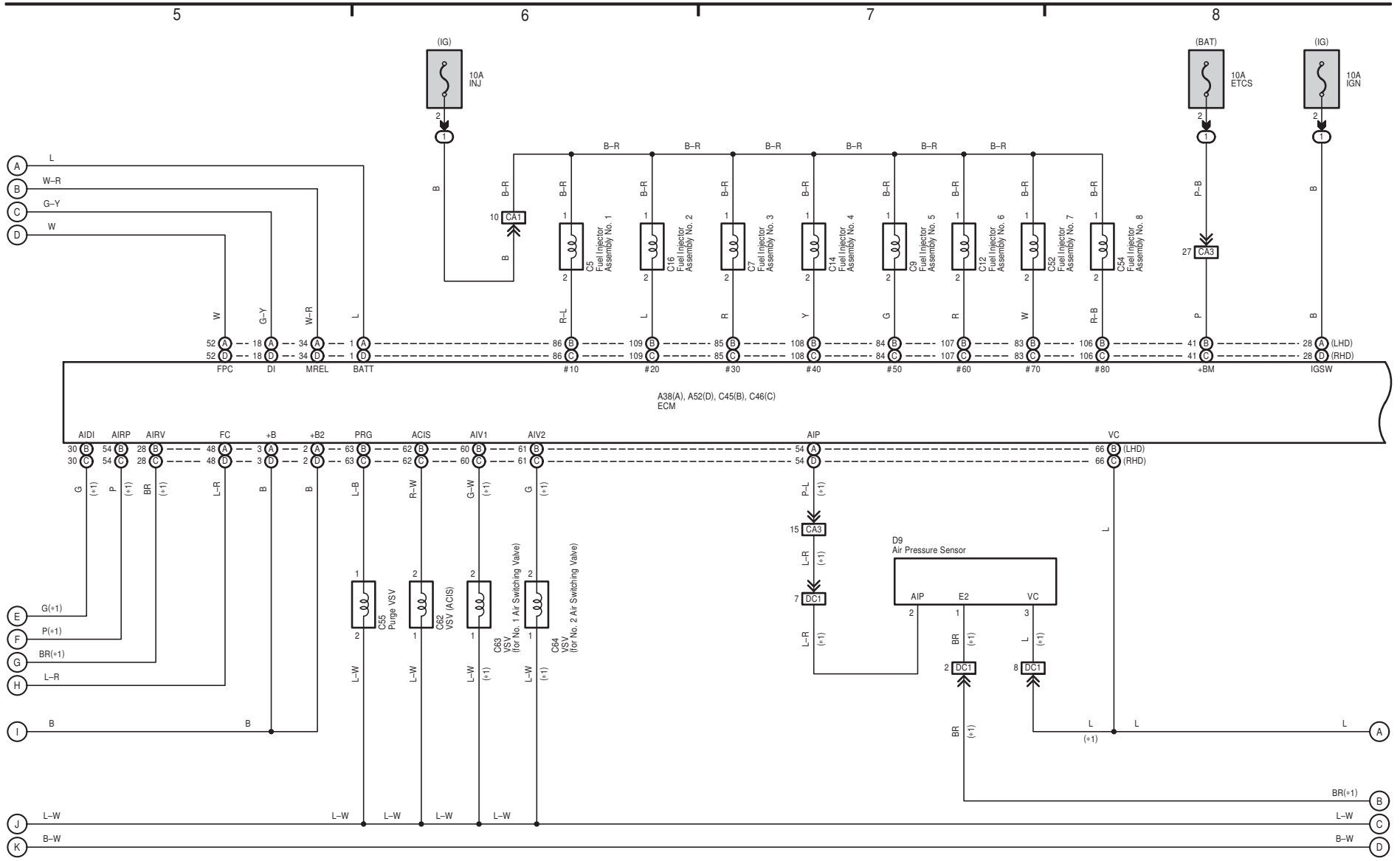
* 1 : w/ Air Injection Control Driver



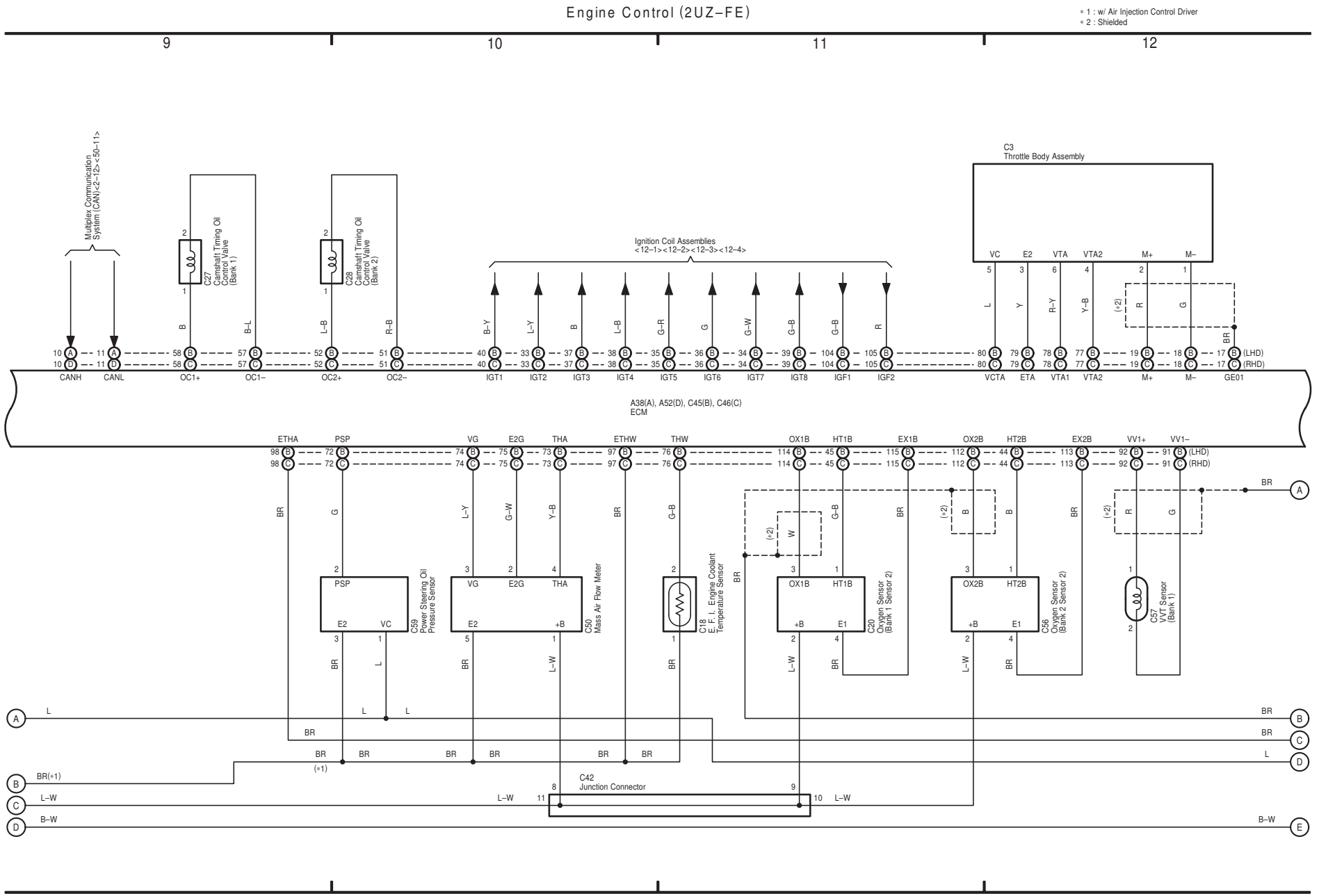
(Cont. next page)

Engine Control (2UZ–FE)

* 1 : w/ Air Injection Control Driver



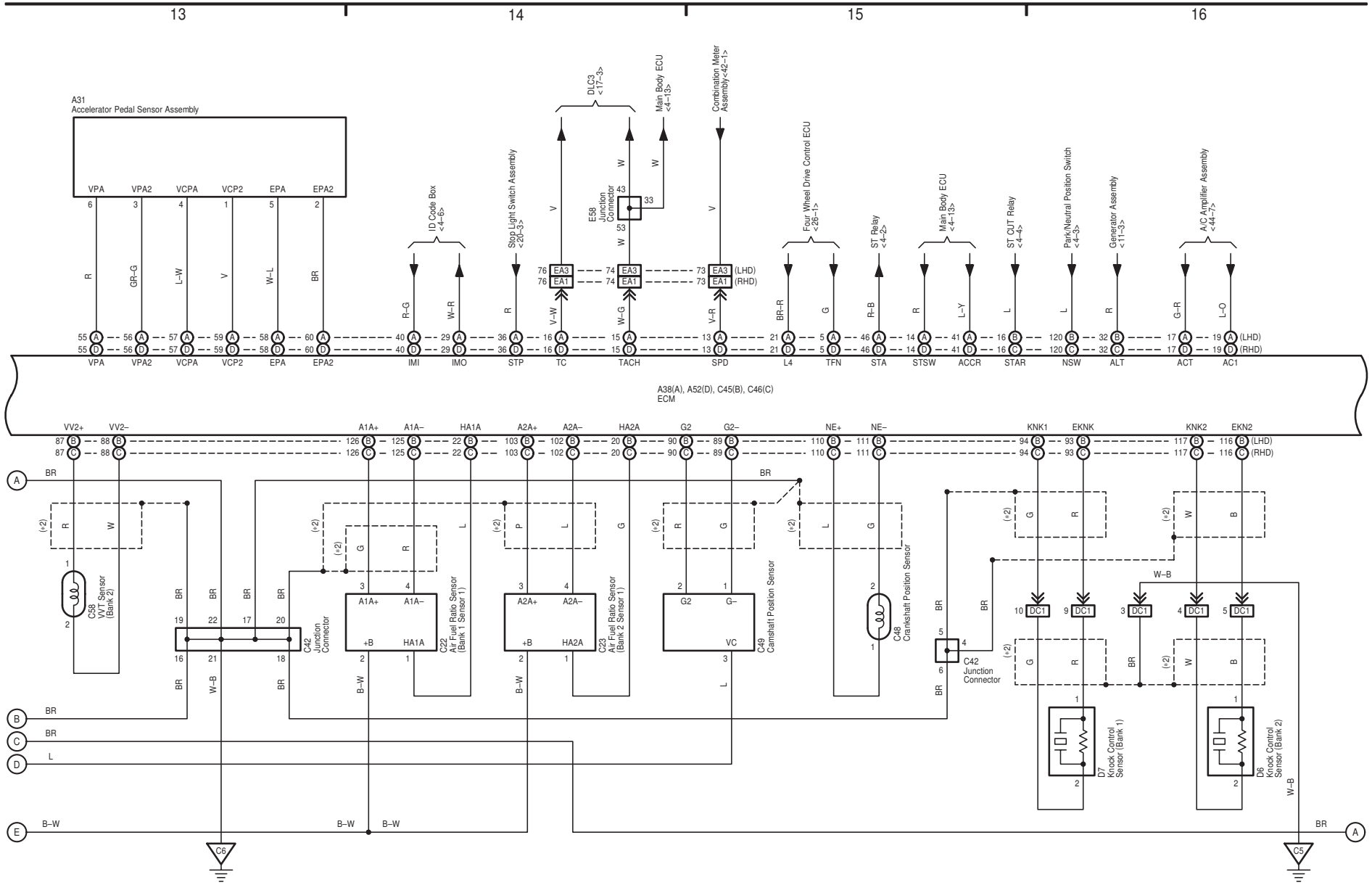
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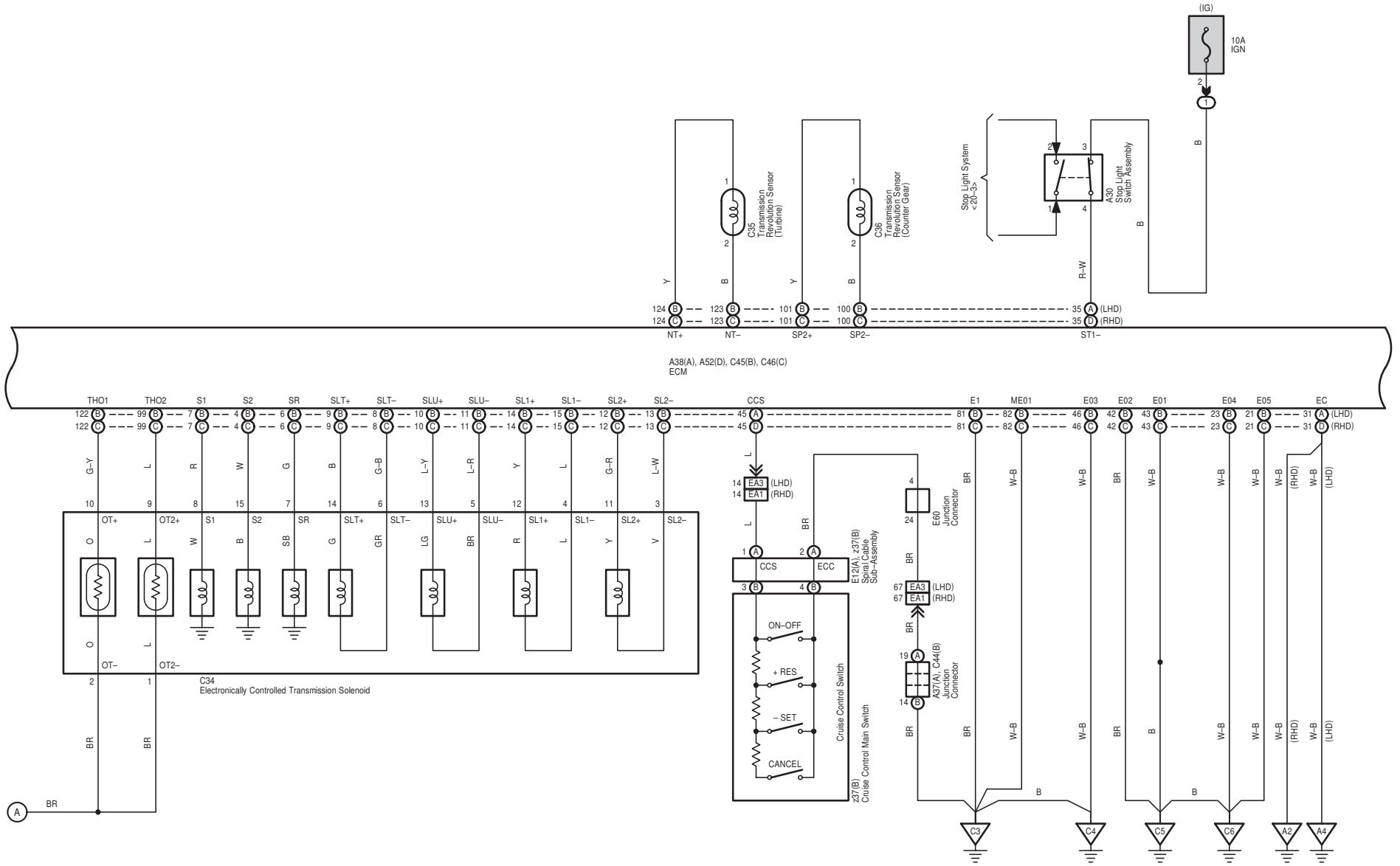
Engine Control (2UZ–FE)

* 2 : Shielded



(Cont. next page)

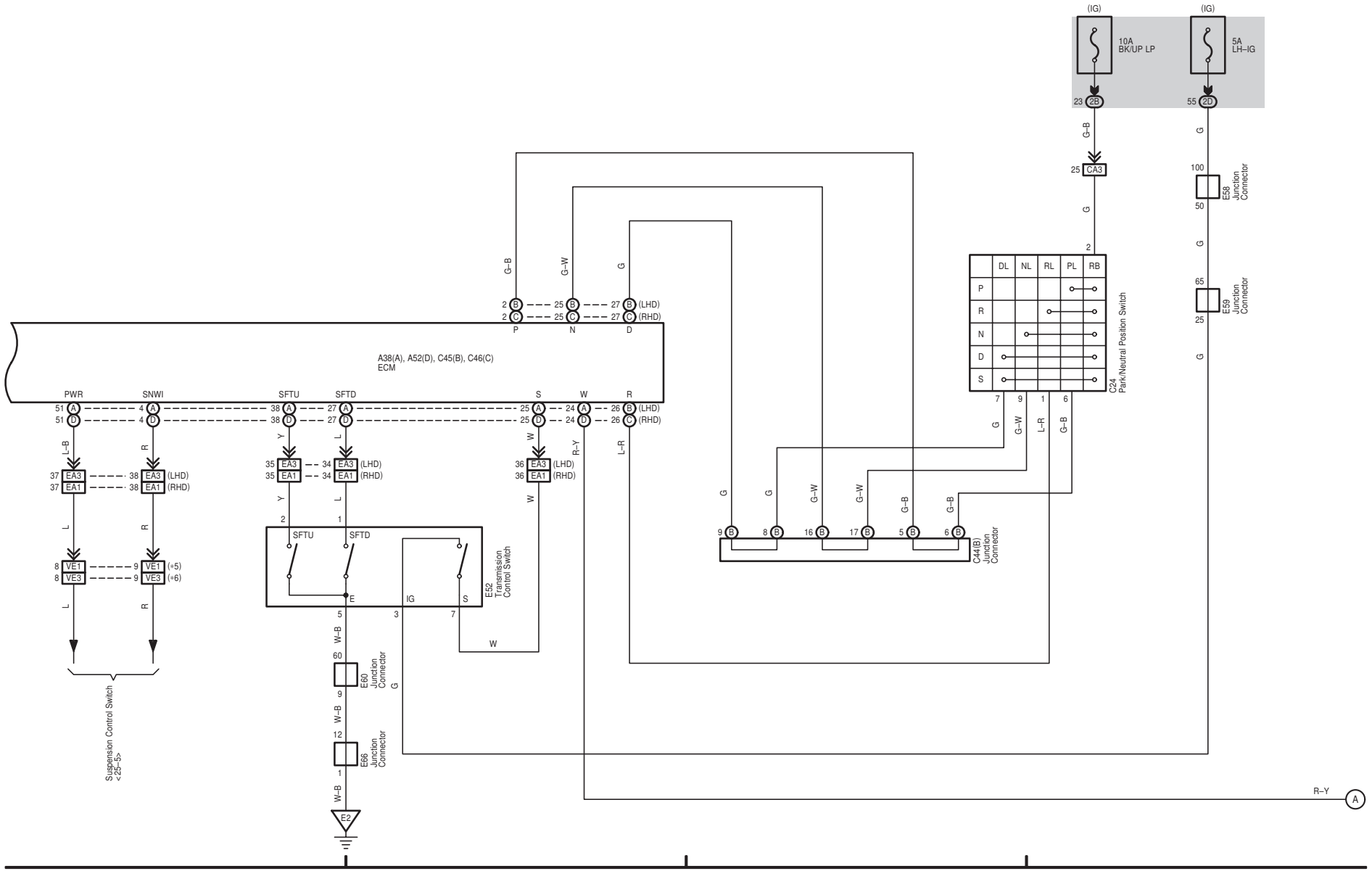
Cruise Control (2UZ–FE)



(Cont. next page)

ECT and A/T Indicator (2UZ–FE)

* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production

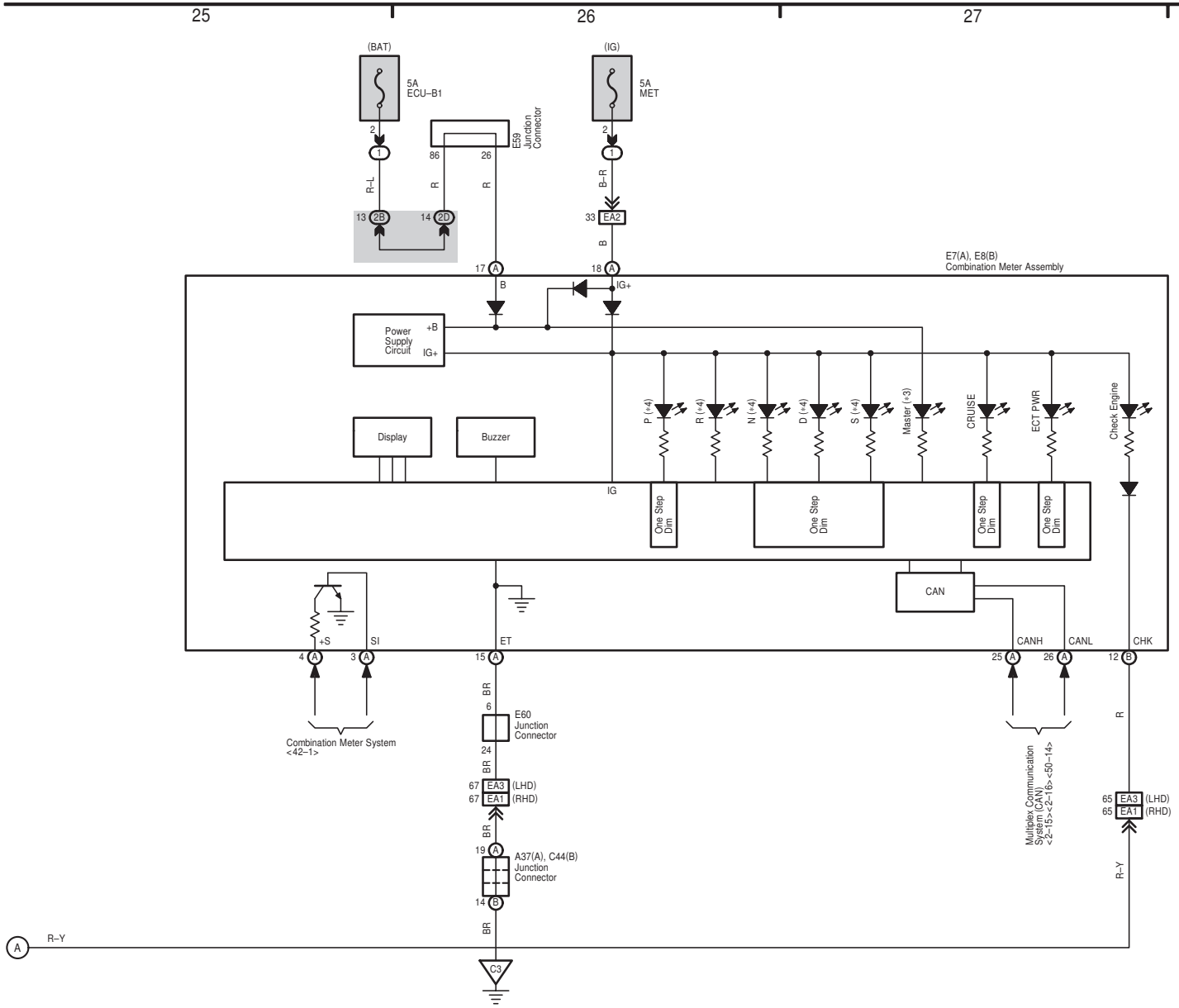


M

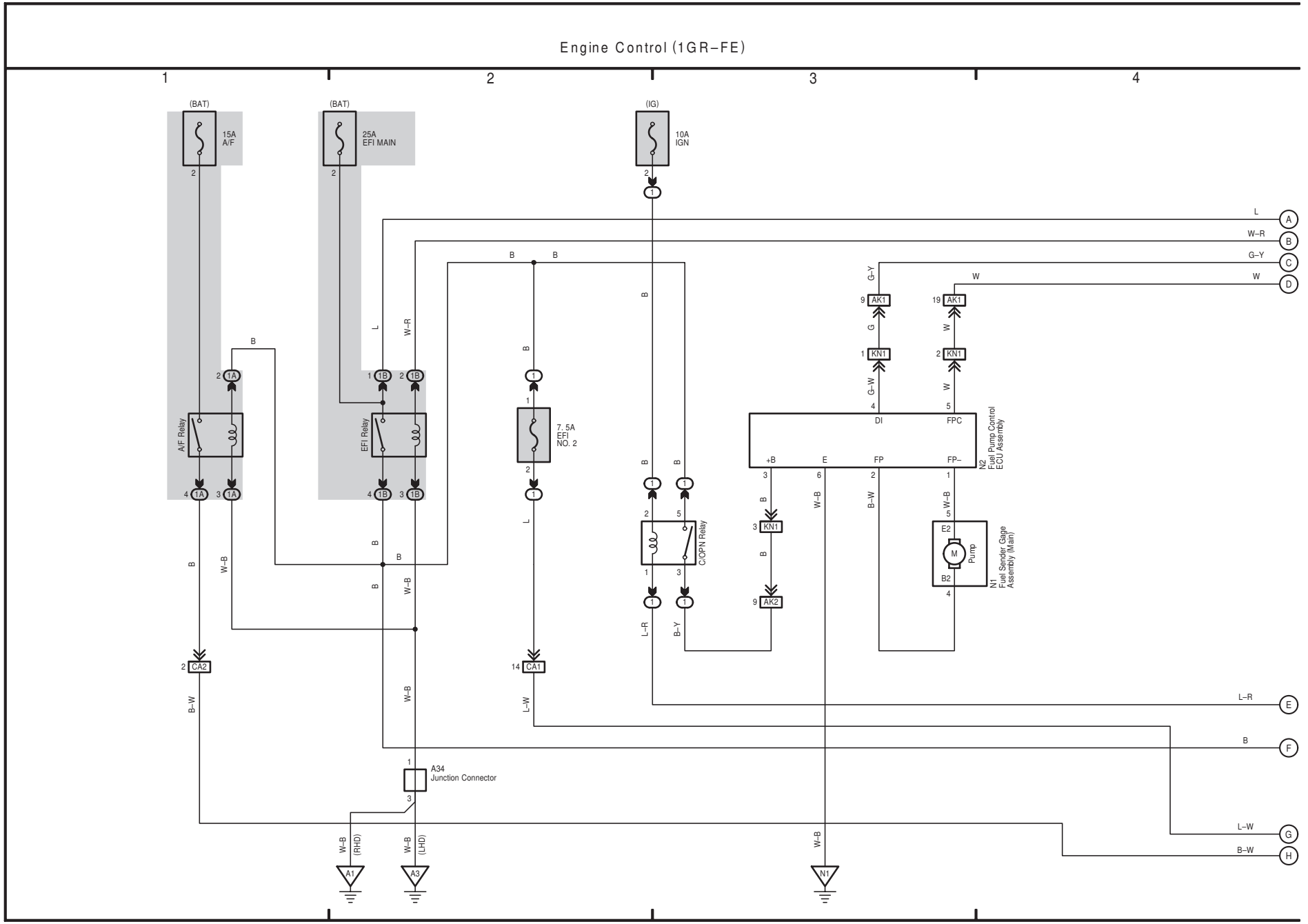
14 LAND CRUISER Station Wagon (Cont' d)

ECT and A/T Indicator (2UZ–FE)

* 3 : Optitron Meter
* 4 : Except Optitron Meter

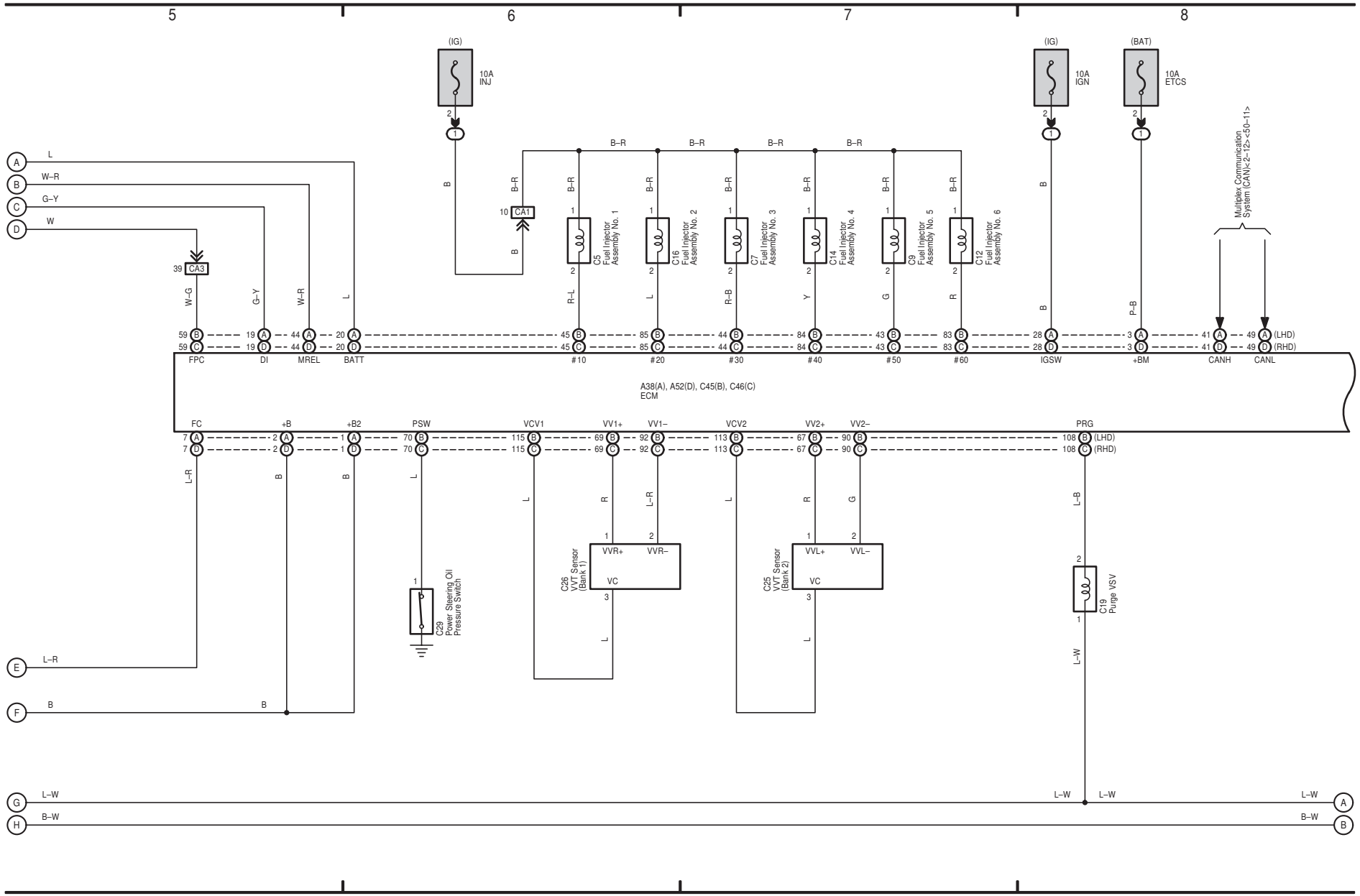


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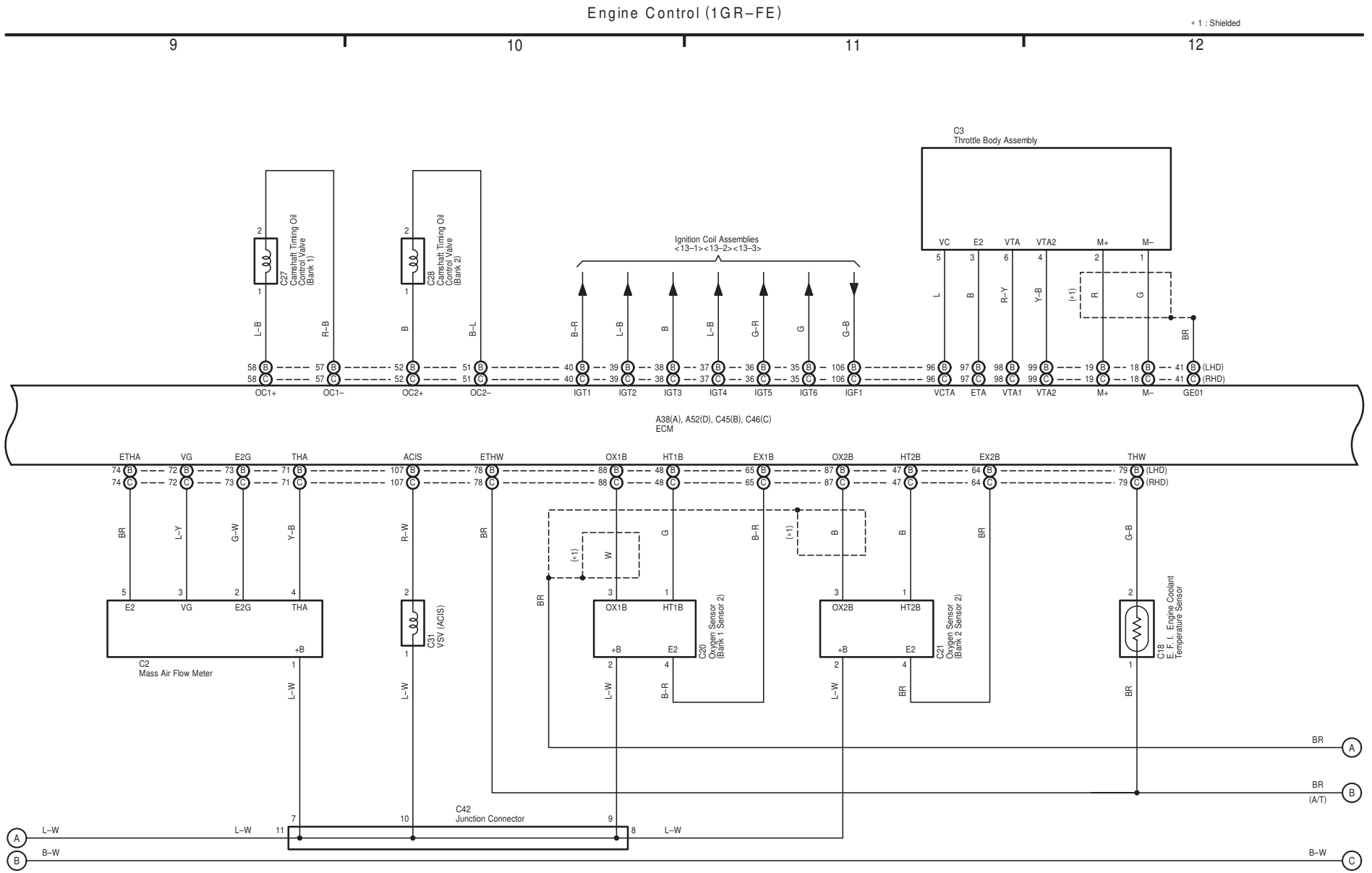


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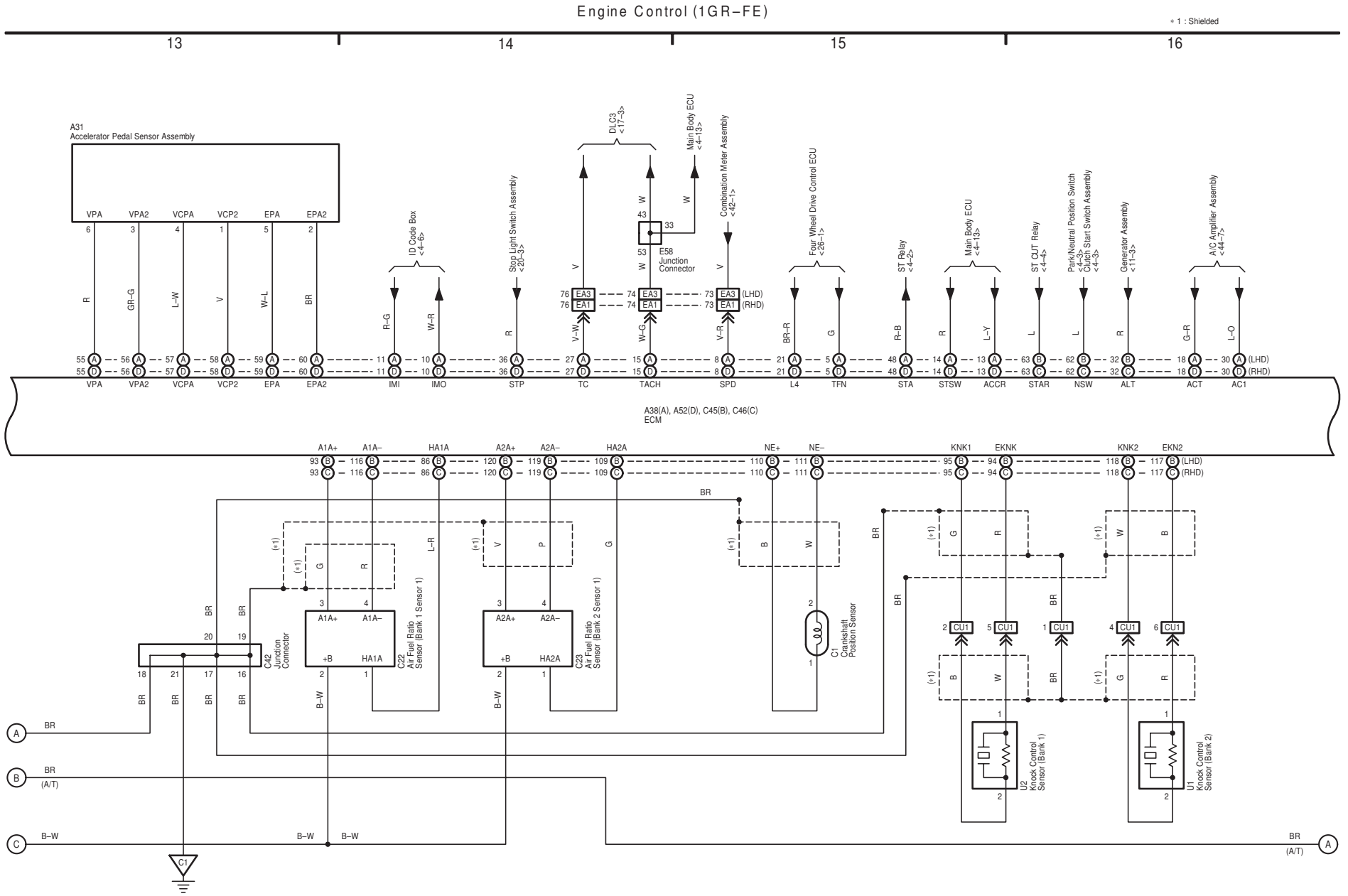
Engine Control (1GR–FE)



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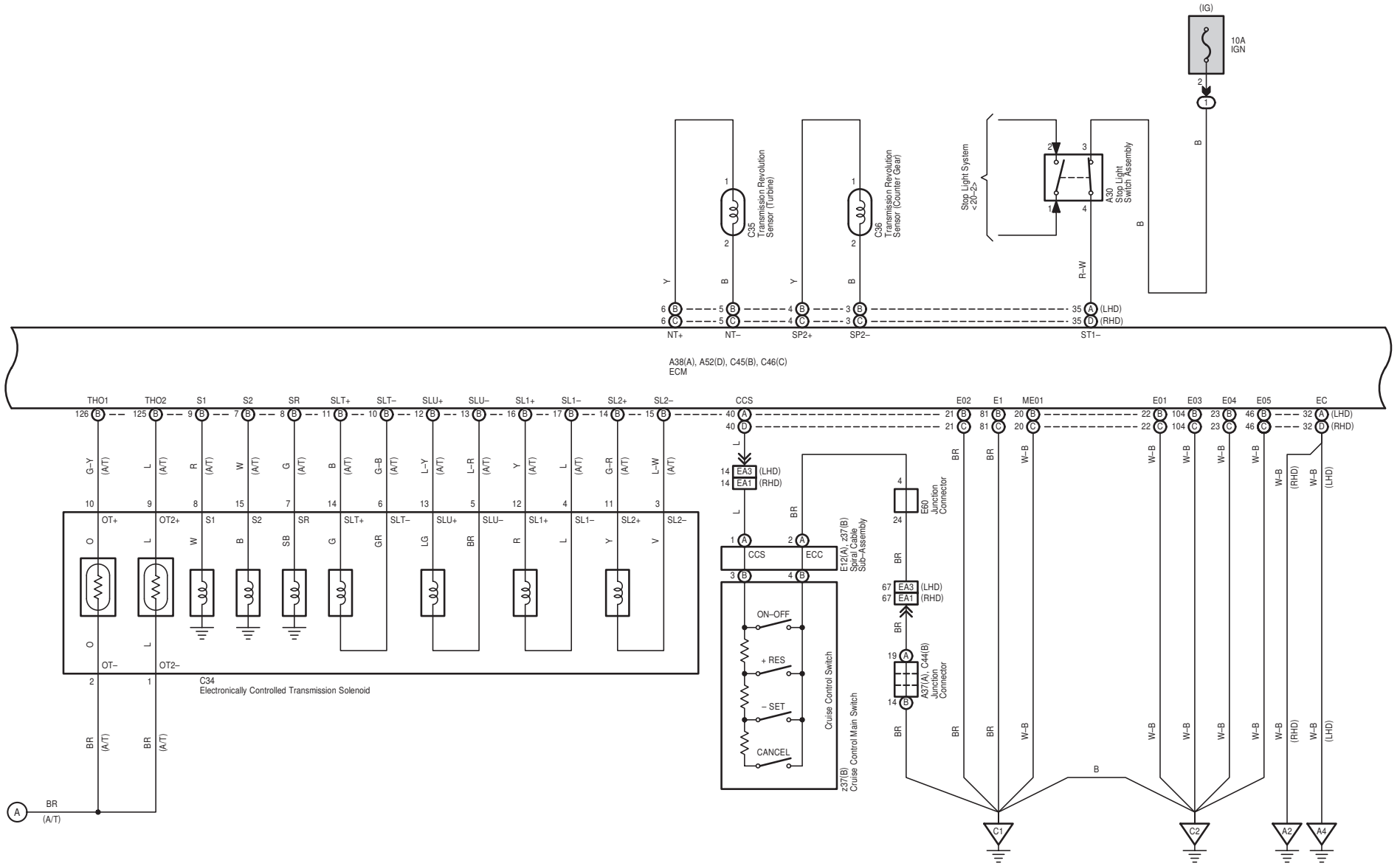


M

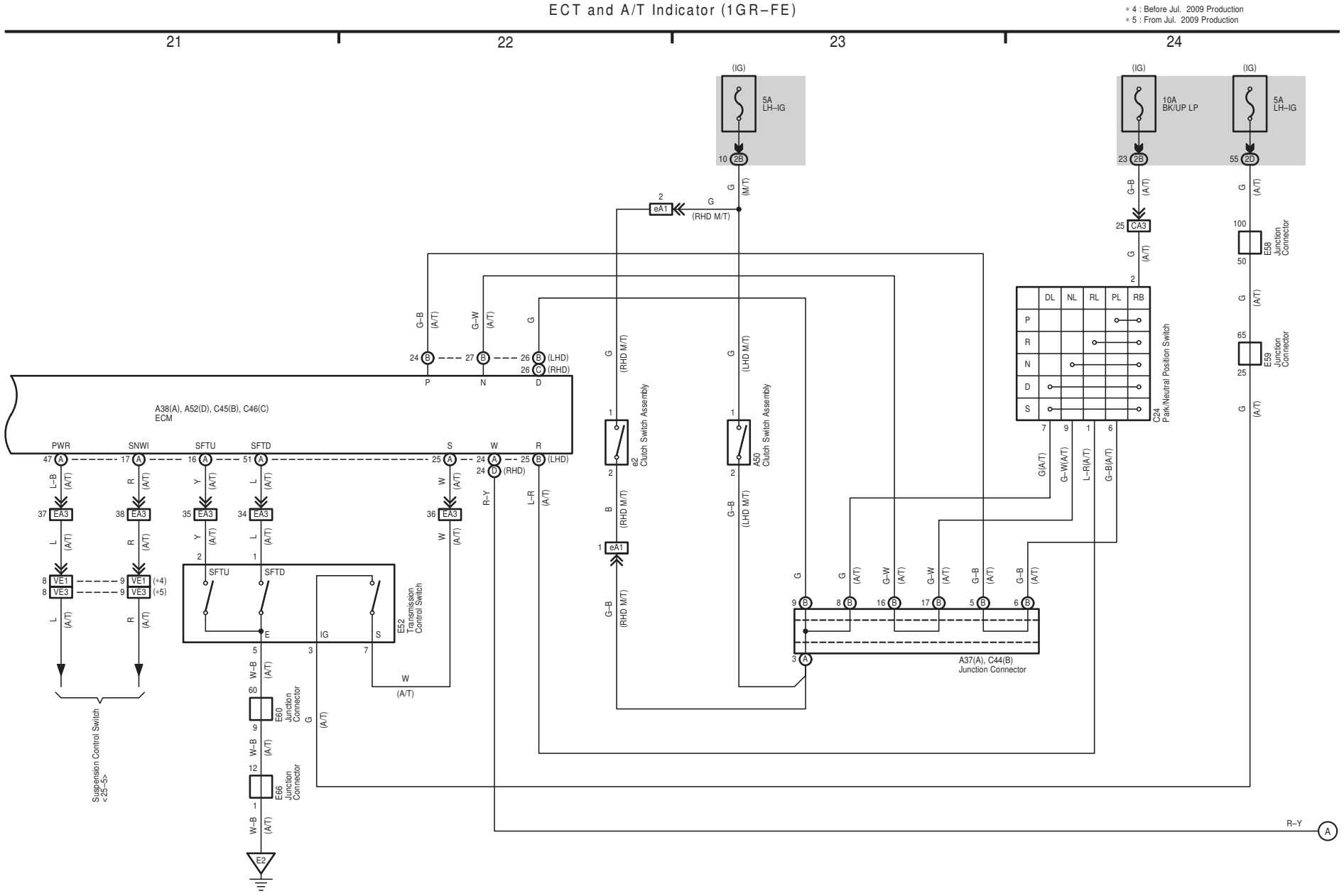
15 LAND CRUISER Station Wagon (Cont' d)

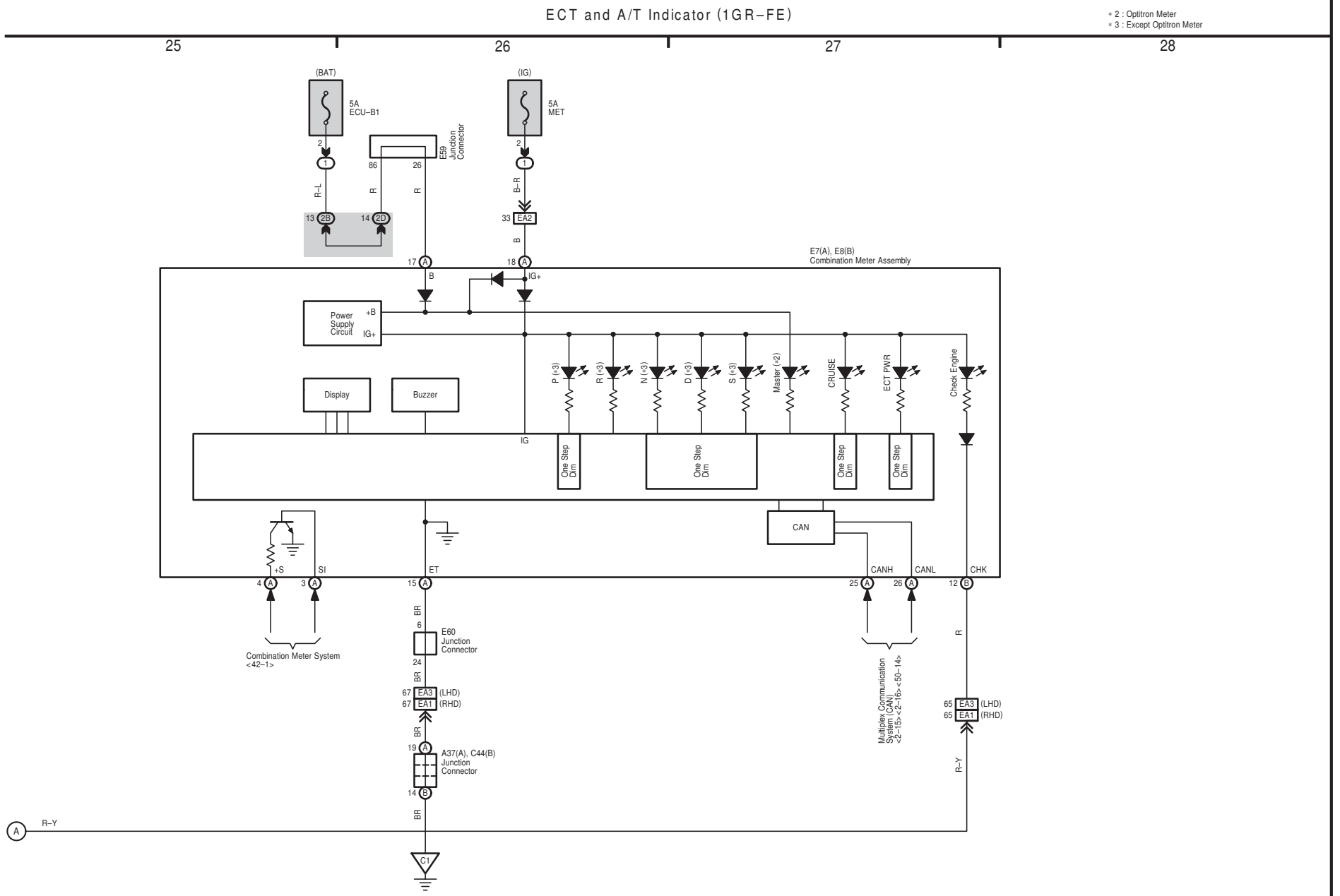
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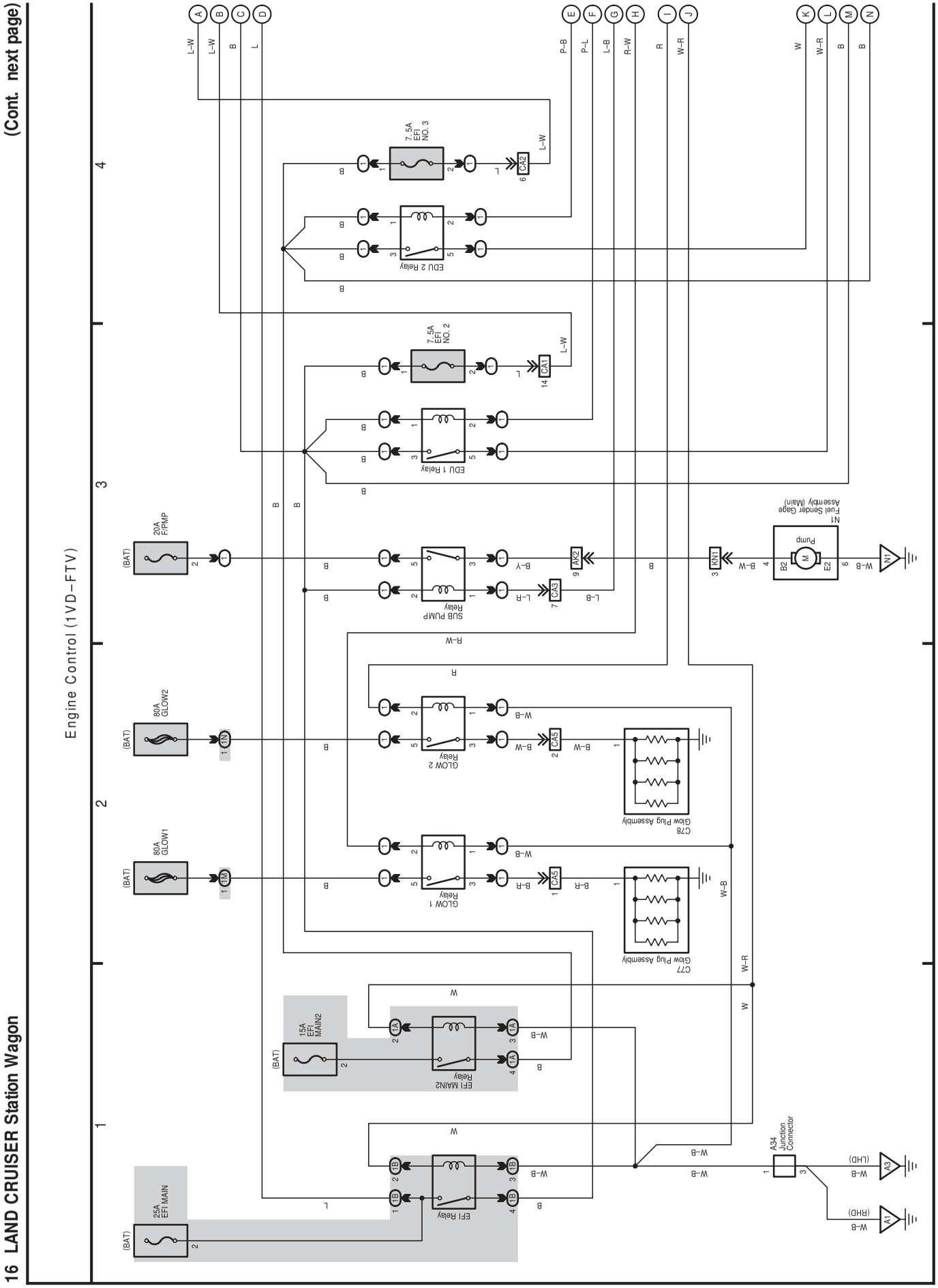
Cruise Control (1GR–FE)



(Cont. next page)



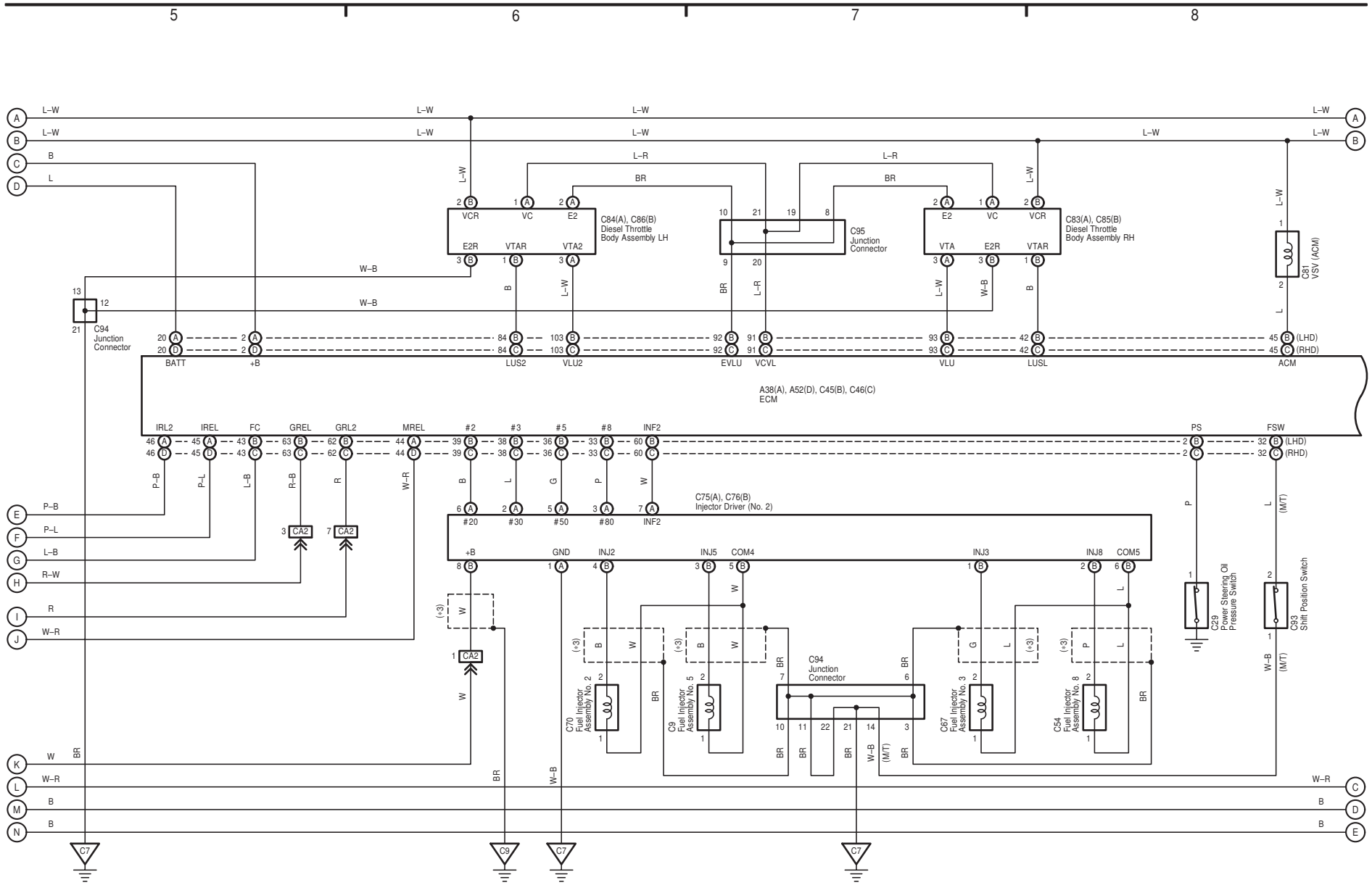

ECT and A/T Indicator (1GR–FE)
* 2 : Optitron Meter
* 3 : Except Optitron Meter
25
26
27
28
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
R
R
B–R
13 2B
14 2D
33 EA2
B
17 A
18 A
B
IG+
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
P (*3)
R (*3)
N (*3)
D (*3)
S (*3)
Master (*2)
CRUISE
ECT PWR
Check Engine
IG
One Step
Dim
One Step
Dim
One Step
Dim
One Step
Dim
CAN
+S
SI
ET
CANH
CANL
CHK
4 A
3 A
15 A
25 A
26 A
12 B
BR
6
E60
Junction
Connector
24
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B
BR
Combination Meter System
<42–1>
Multiplex Communication
System (CAN)
<2–15><2–16><50–14>
R
65 EA3 (LHD)
65 EA1 (RHD)
R–Y
A
R–Y
C1


(Cont. next page)
16 LAND CRUISER Station Wagon
Engine Control (1VD–FTV)
7.5A EFI NO. 3
7.5A EFI NO. 2
EDU 2 Relay
EDU 1 Relay
20A F/PMP
SUB PUMP Relay
80A GLOW2
GLOW 2 Relay
80A GLOW1
GLOW 1 Relay
15A EFI MAIN2
EFI MAIN2 Relay
25A EFI MAIN
EFI Relay
Glow Plug Assembly
Fuel Sender Gage Assembly (Main)
Pump
Junction Connector
(BAT)
(LHD)
(RHD)

(Cont. next page)

Engine Control (1VD–FTV)

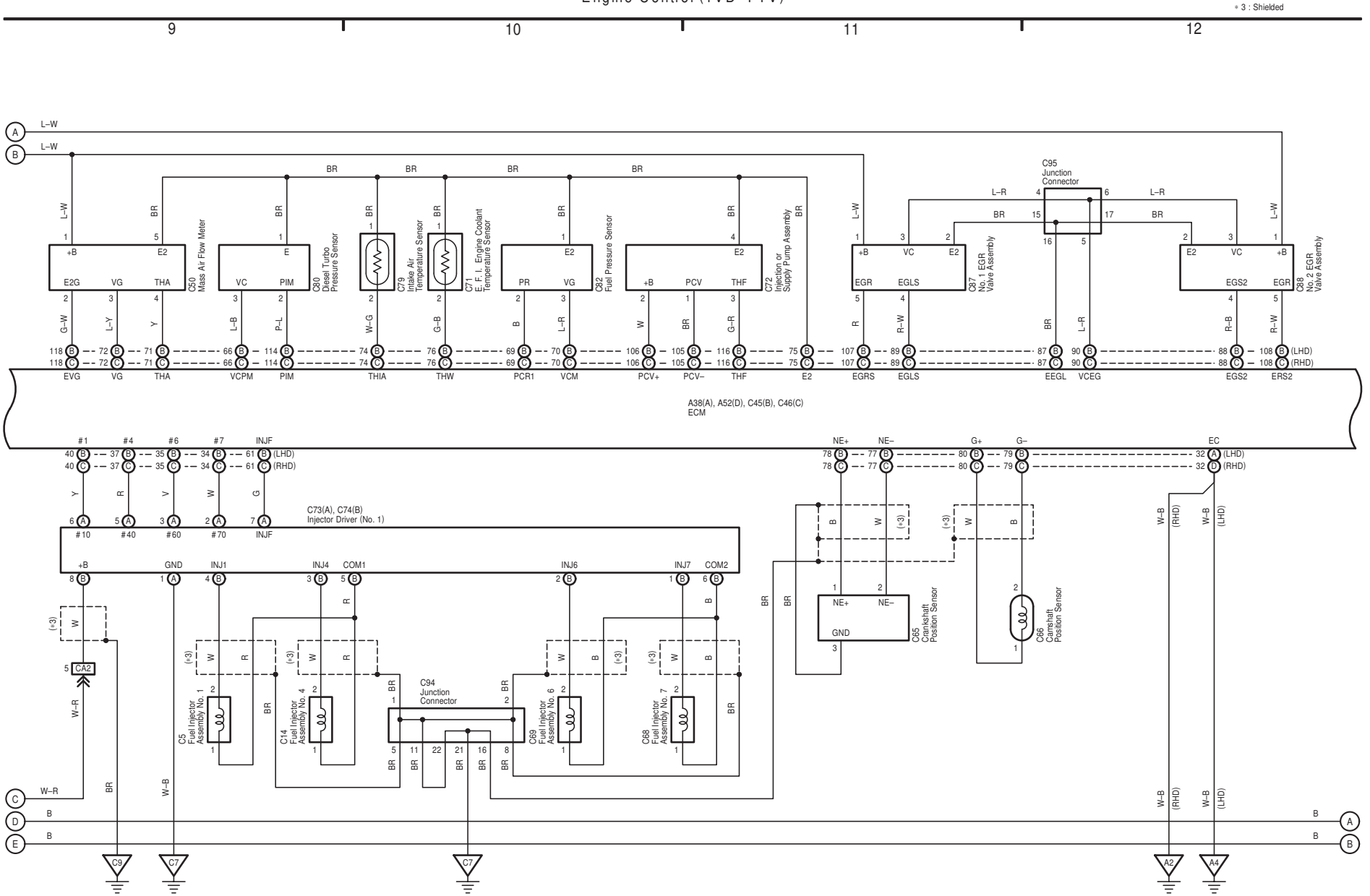
* 3 : Shielded



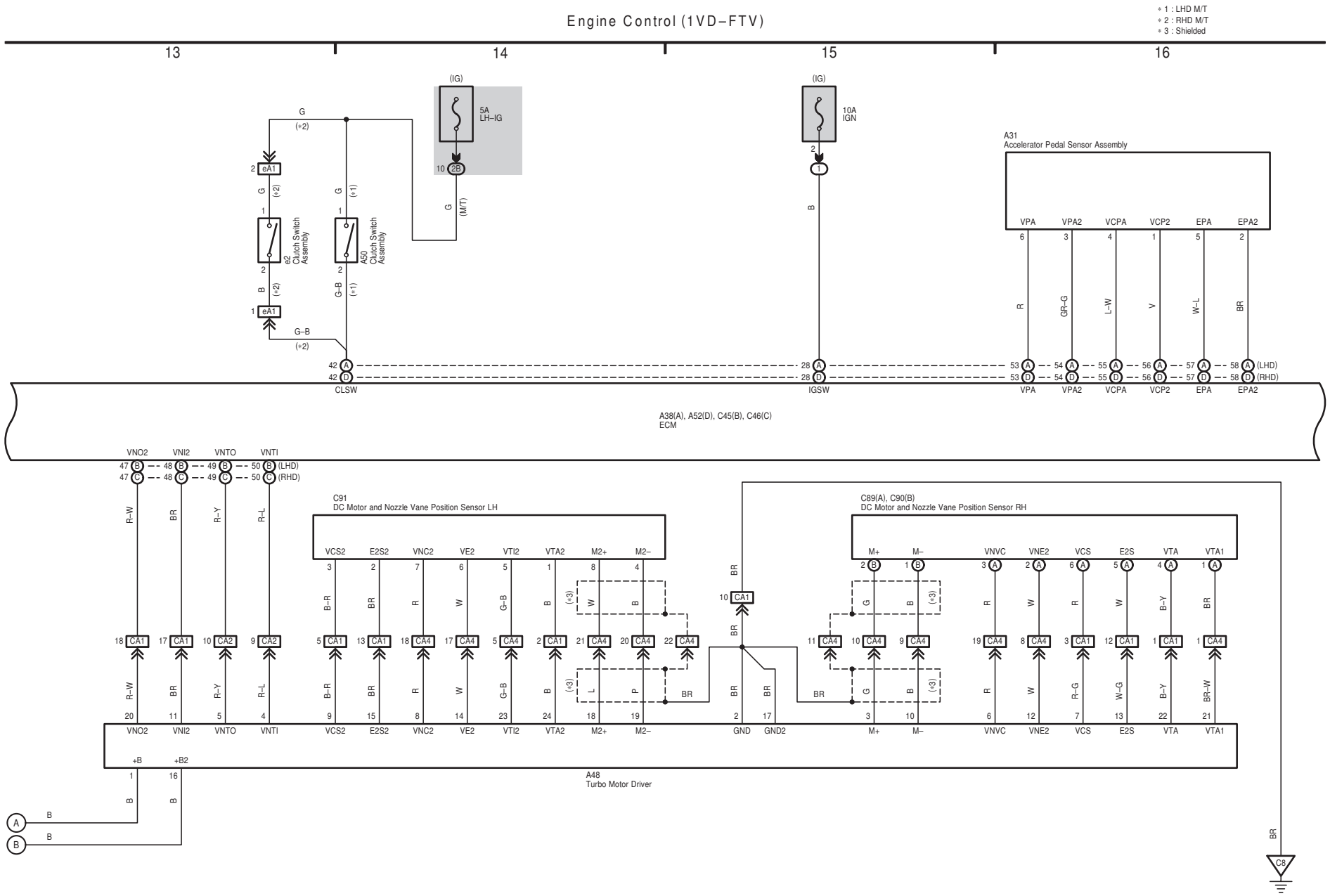
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Engine Control (1VD–FTV)

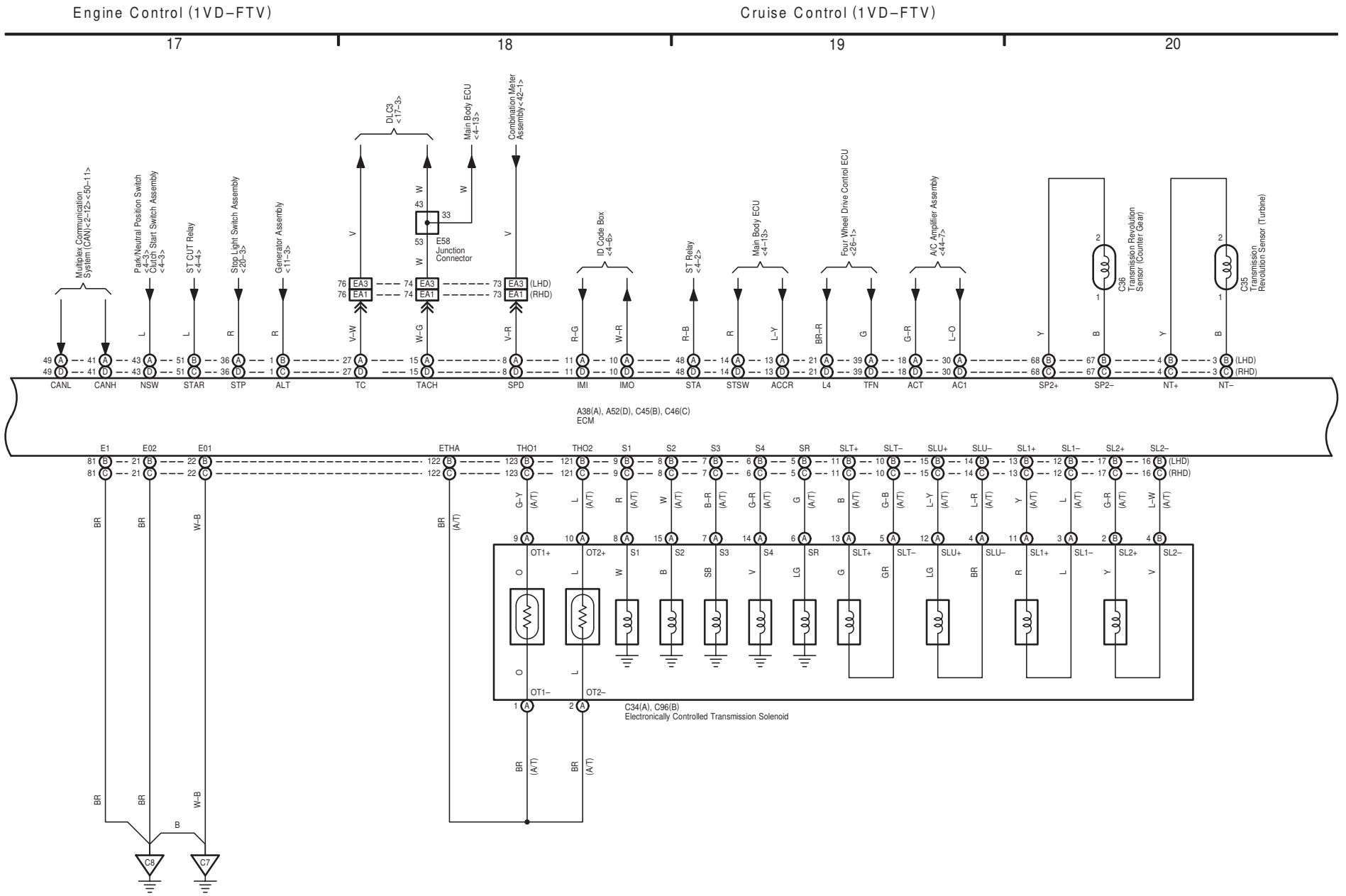
* 3 : Shielded



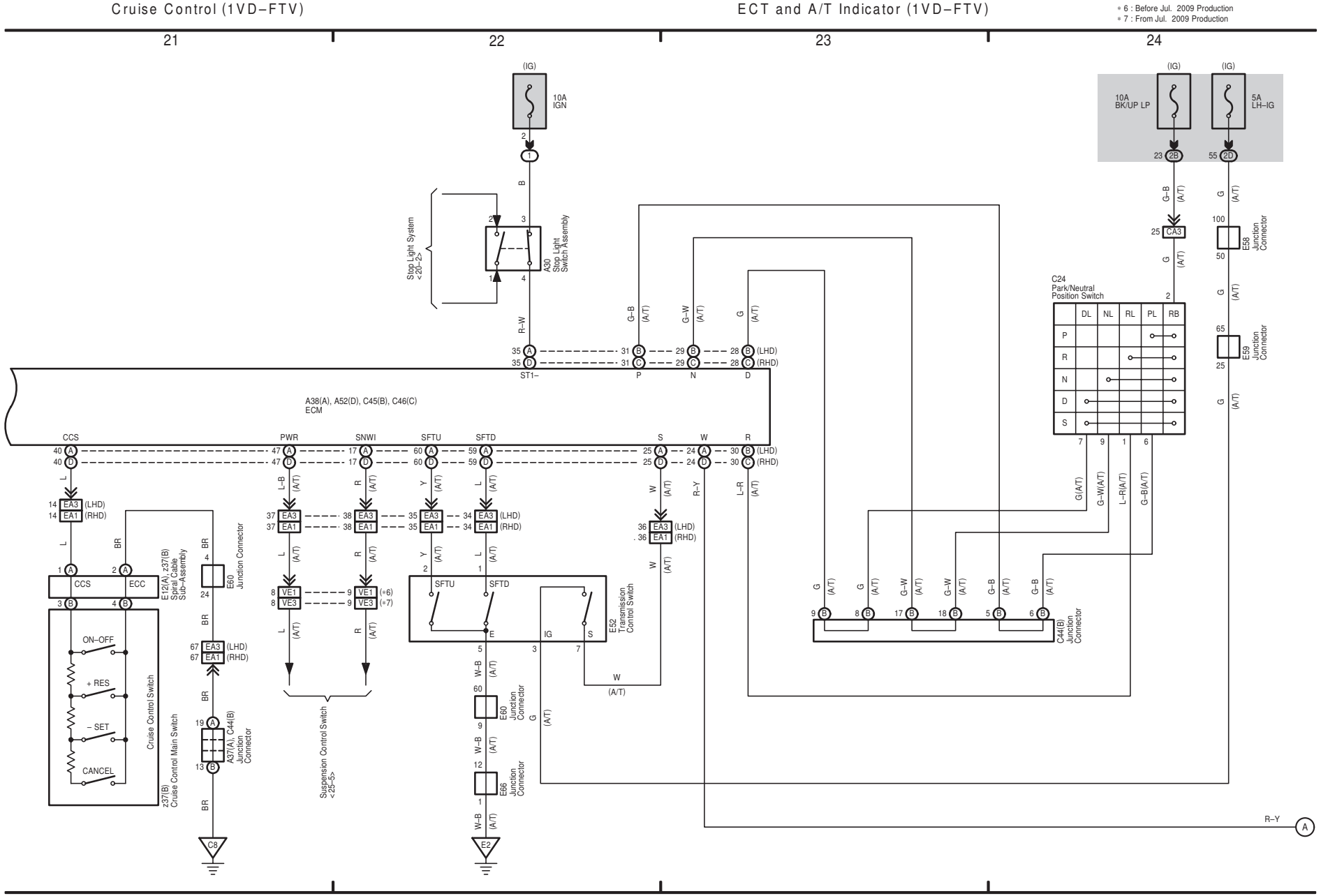
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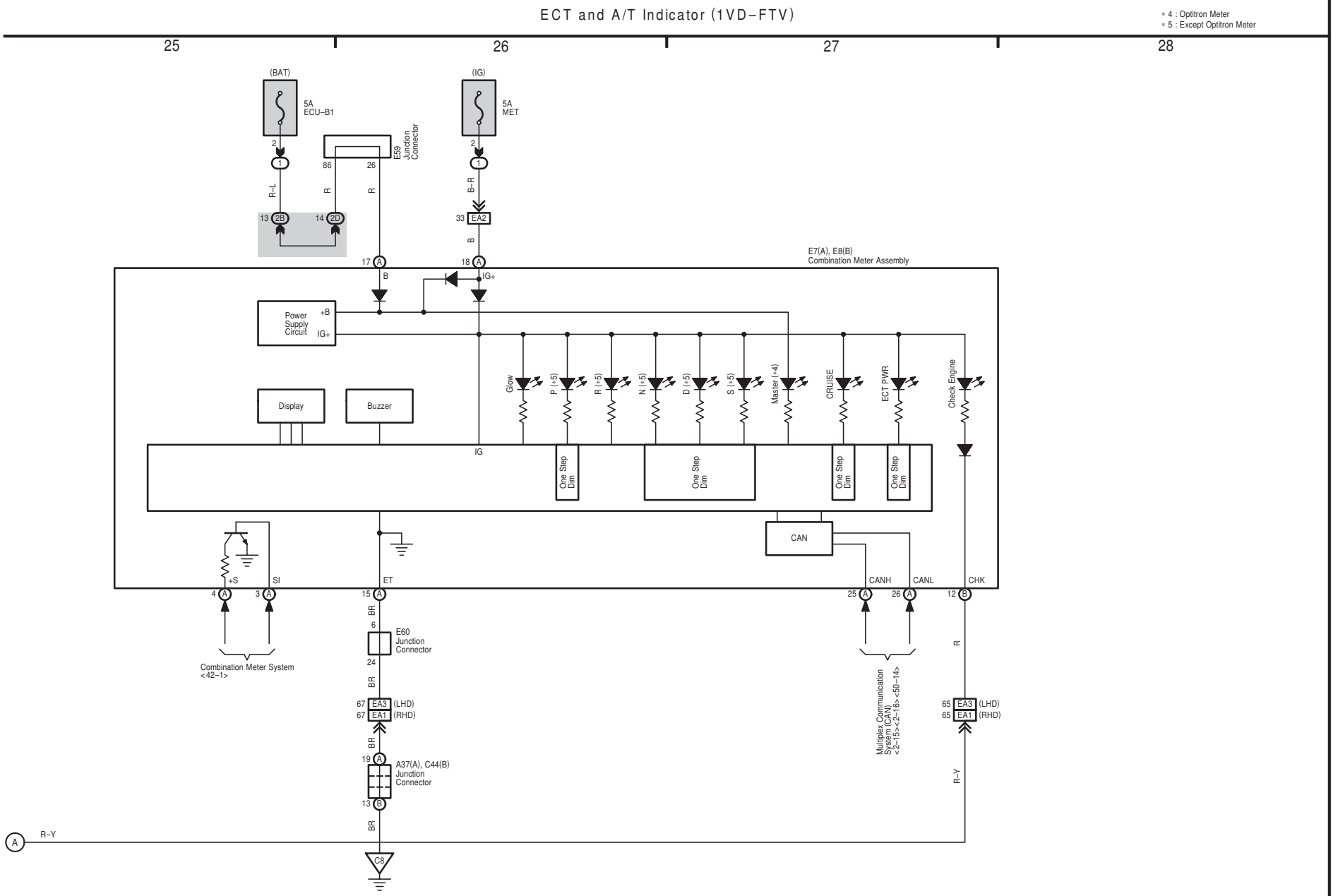
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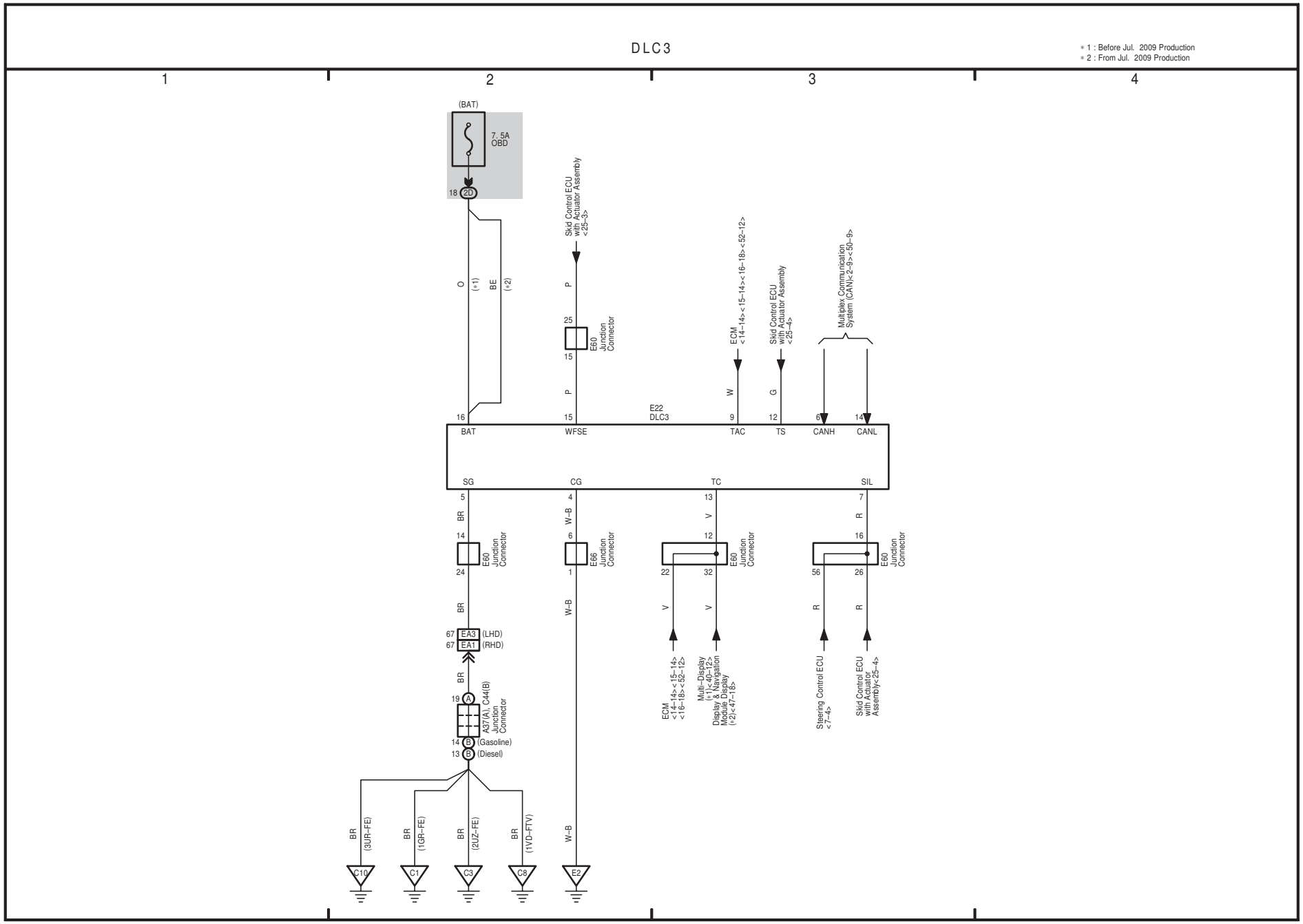


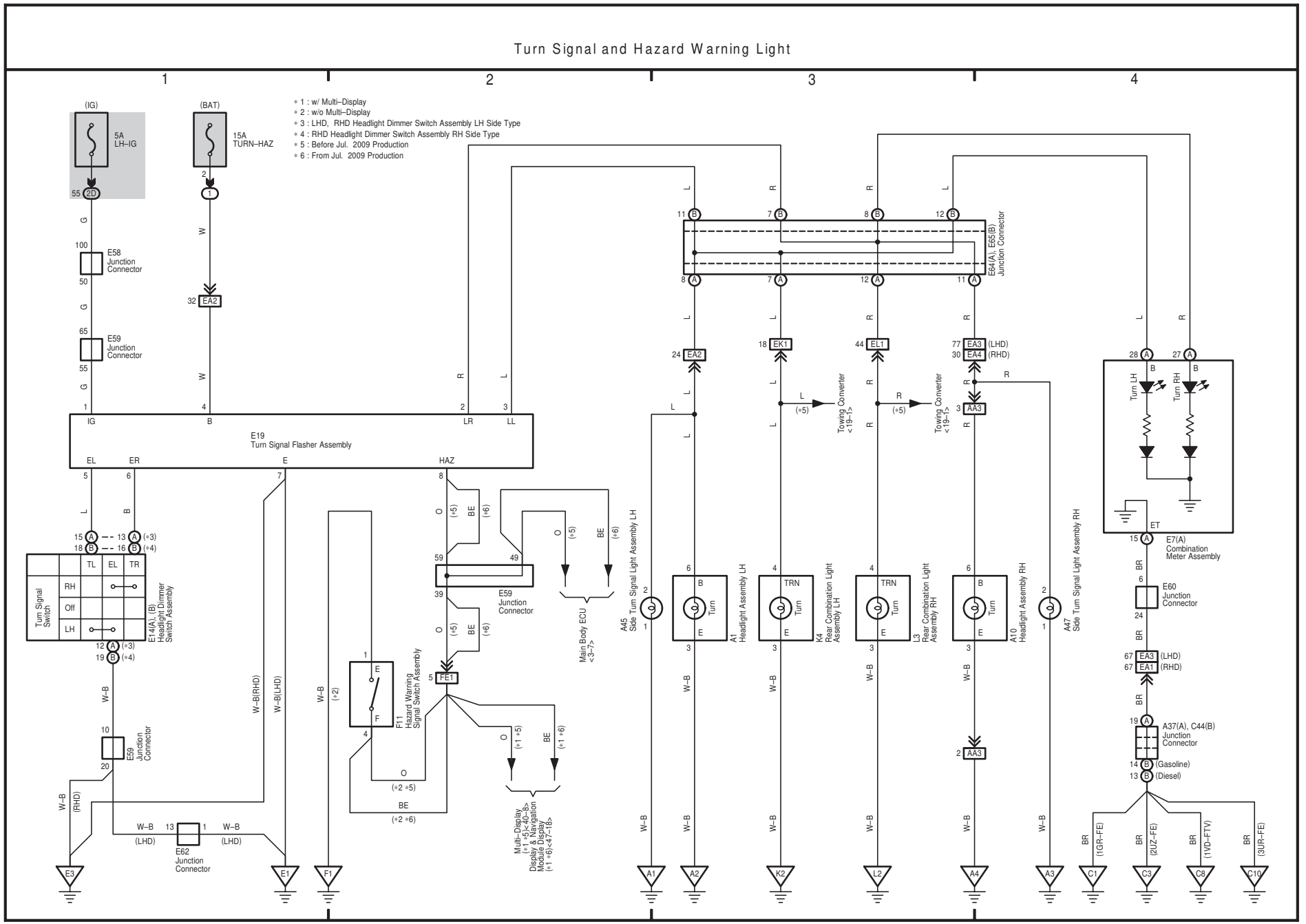
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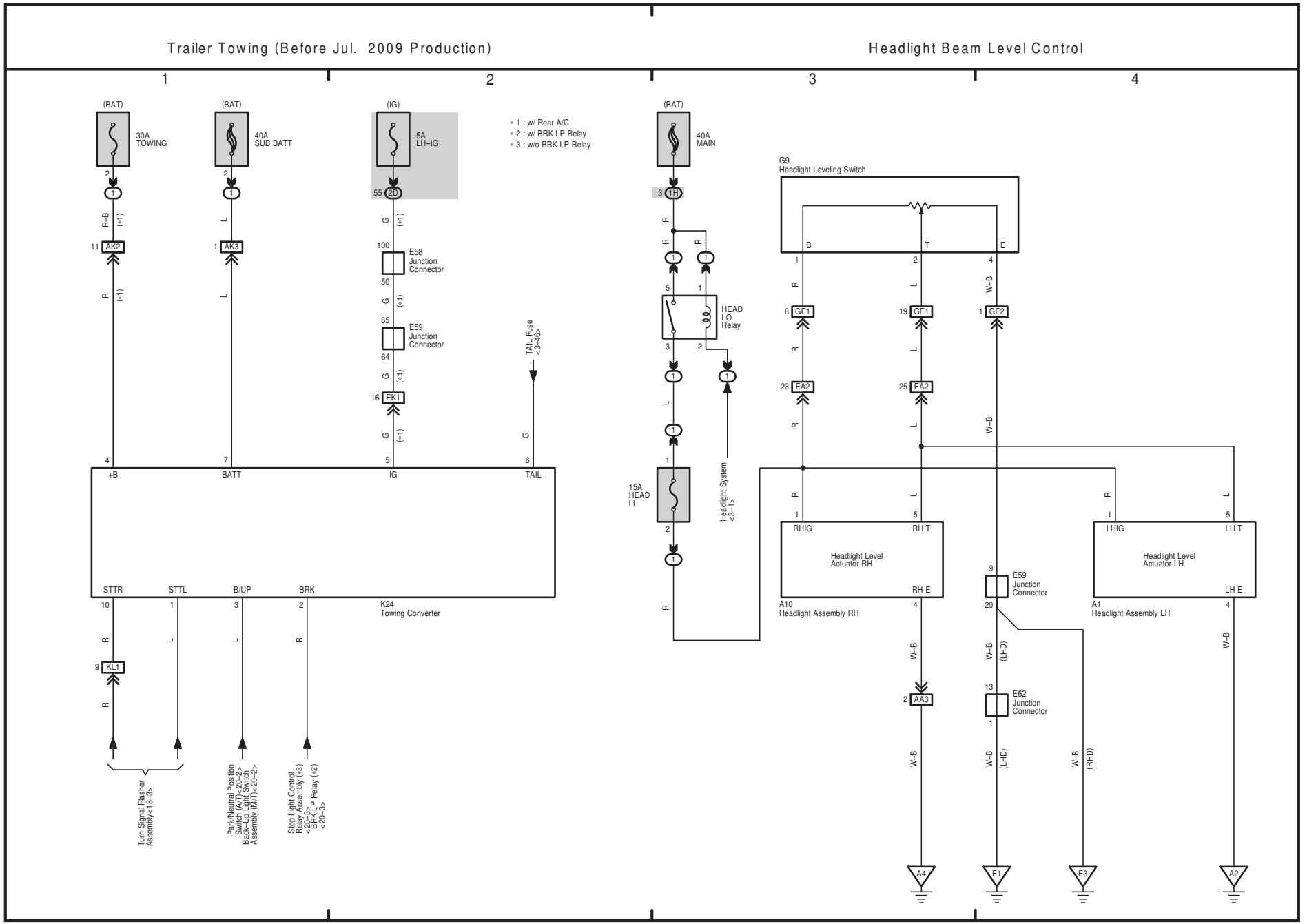


16 LAND CRUISER Station Wagon (Cont' d)



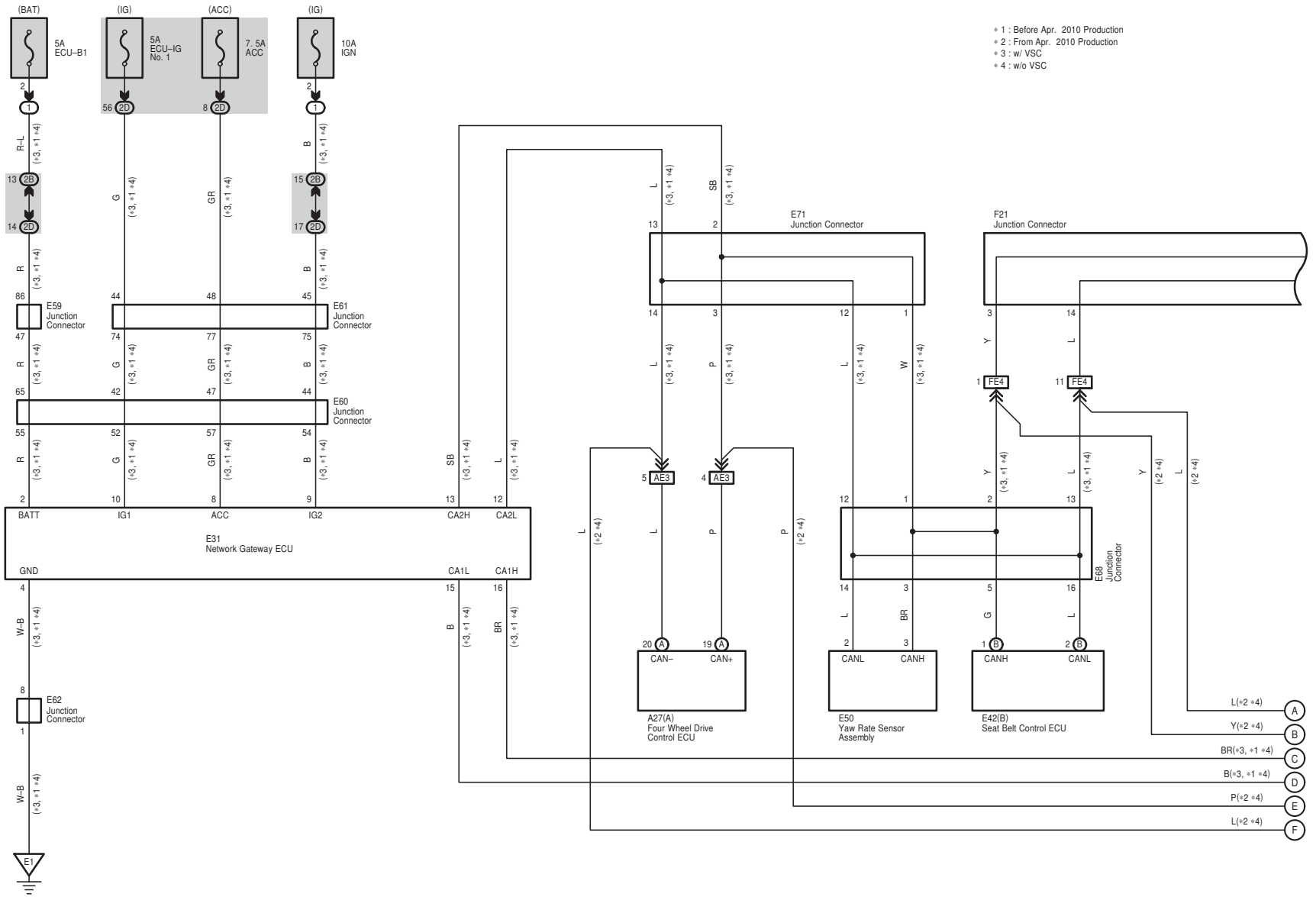

DLC3
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
1
2
3
4
(BAT)
7. 5A
OBD
18 2D
O
(*1)
BE
(*2)
Skid Control ECU with Actuator Assembly <25–5>
P
25
E60 Junction Connector
15
P
16
15
E22
DLC3
ECM <14–14><15–14><16–18><52–12>
W
9
Skid Control ECU with Actuator Assembly <25–4>
G
12
Multiplex Communication System (CAN)<2–9><50–9>
6
14
BAT
WFSE
TAC
TS
CANH
CANL
SG
CG
TC
SIL
5
BR
14
E60 Junction Connector
24
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B) Junction Connector
14 B (Gasoline)
13 B (Diesel)
4
W–B
6
E66 Junction Connector
1
W–B
13
V
12
E60 Junction Connector
22
V
32
V
ECM <14–14><15–14><16–18><52–12>
Multi–Display (*1)<40–12> Display & Navigation Module Display (*2)<47–18>
7
R
16
E60 Junction Connector
56
R
26
R
Steering Control ECU <7–4>
Skid Control ECU with Actuator Assembly<25–4>
BR
(3UR–FE)
BR
(1GR–FE)
BR
(2UZ–FE)
BR
(1VD–FTV)
W–B
C10
C1
C3
C8
E2


Turn Signal and Hazard Warning Light
1
2
3
4
* 1 : w/ Multi–Display
* 2 : w/o Multi–Display
* 3 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production
(IG)
5A
LH–IG
(BAT)
15A
TURN–HAZ
E58 Junction Connector
E59 Junction Connector
E19
Turn Signal Flasher Assembly
IG
B
LR
LL
EL
ER
E
HAZ
E14(A), (B)
Headlight Dimmer Switch Assembly
Turn Signal Switch
TL
EL
TR
RH
Off
LH
E59 Junction Connector
E62 Junction Connector
F11
Hazard Warning Signal Switch Assembly
E59 Junction Connector
Main Body ECU
<3–7>
Multi–Display
(*1 *5)<40–48>
Display & Navigation Module Display
(*1 *6)<47–18>
E64(A), E65(B)
Junction Connector
Towing Converter
<19–1>
A45
Side Turn Signal Light Assembly LH
A1
Headlight Assembly LH
K4
Rear Combination Light Assembly LH
L3
Rear Combination Light Assembly RH
A10
Headlight Assembly RH
A47
Side Turn Signal Light Assembly RH
Turn LH
Turn RH
E7(A)
Combination Meter Assembly
E60
Junction Connector
A37(A), C44(B)
Junction Connector
(Gasoline)
(Diesel)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
(3UR–FE)
E3
E1
F1
A1
A2
K2
L2
A4
A3
C1
C3
C8
C10


Trailer Towing (Before Jul. 2009 Production)
Headlight Beam Level Control
1
2
3
4
(BAT)
30A
TOWING
(BAT)
40A
SUB BATT
(IG)
5A
LH–IG
* 1 : w/ Rear A/C
* 2 : w/ BRK LP Relay
* 3 : w/o BRK LP Relay
(BAT)
40A
MAIN
G9
Headlight Leveling Switch
E58
Junction
Connector
E59
Junction
Connector
HEAD
LO
Relay
TAIL Fuse
<3–46>
15A
HEAD
LL
Headlight System
<3–1>
+B
BATT
IG
TAIL
STTR
STTL
B/UP
BRK
K24
Towing Converter
Turn Signal Flasher
Assembly<1 8–3>
Park/Neutral Position
Switch (A/T)<2–2>
Back–Up Light Switch
Assembly (M/T)<20–2>
Stop Light Control
Relay Assembly (*3)
<2–2>
STOP LP Relay (*2)
<20–3>
Headlight Level
Actuator RH
A10
Headlight Assembly RH
Headlight Level
Actuator LH
A1
Headlight Assembly LH
E59
Junction
Connector
E62
Junction
Connector
(LHD)
(RHD)
A4
E1
E3
A2

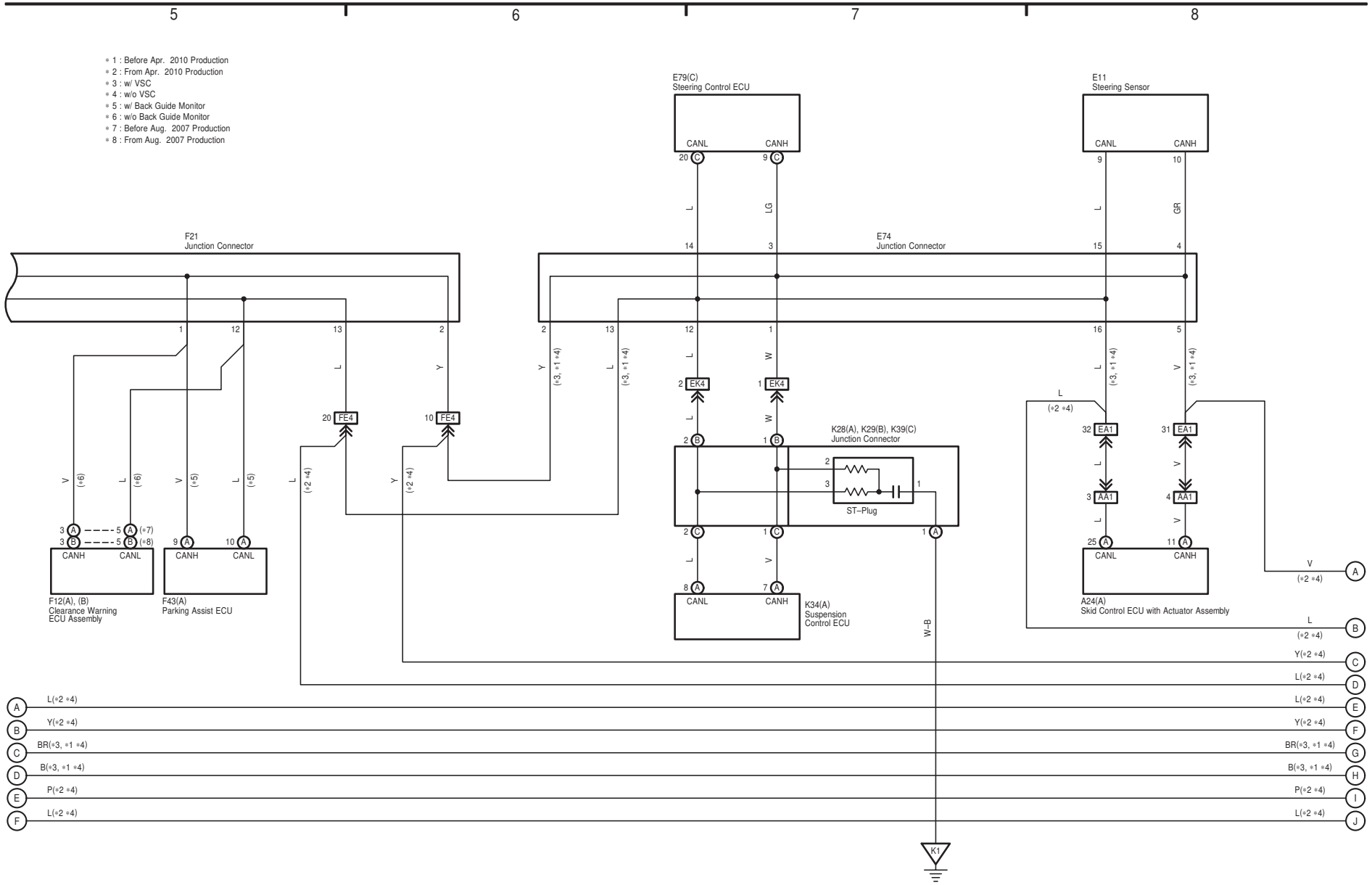
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Multiplex Communication System (CAN LHD)



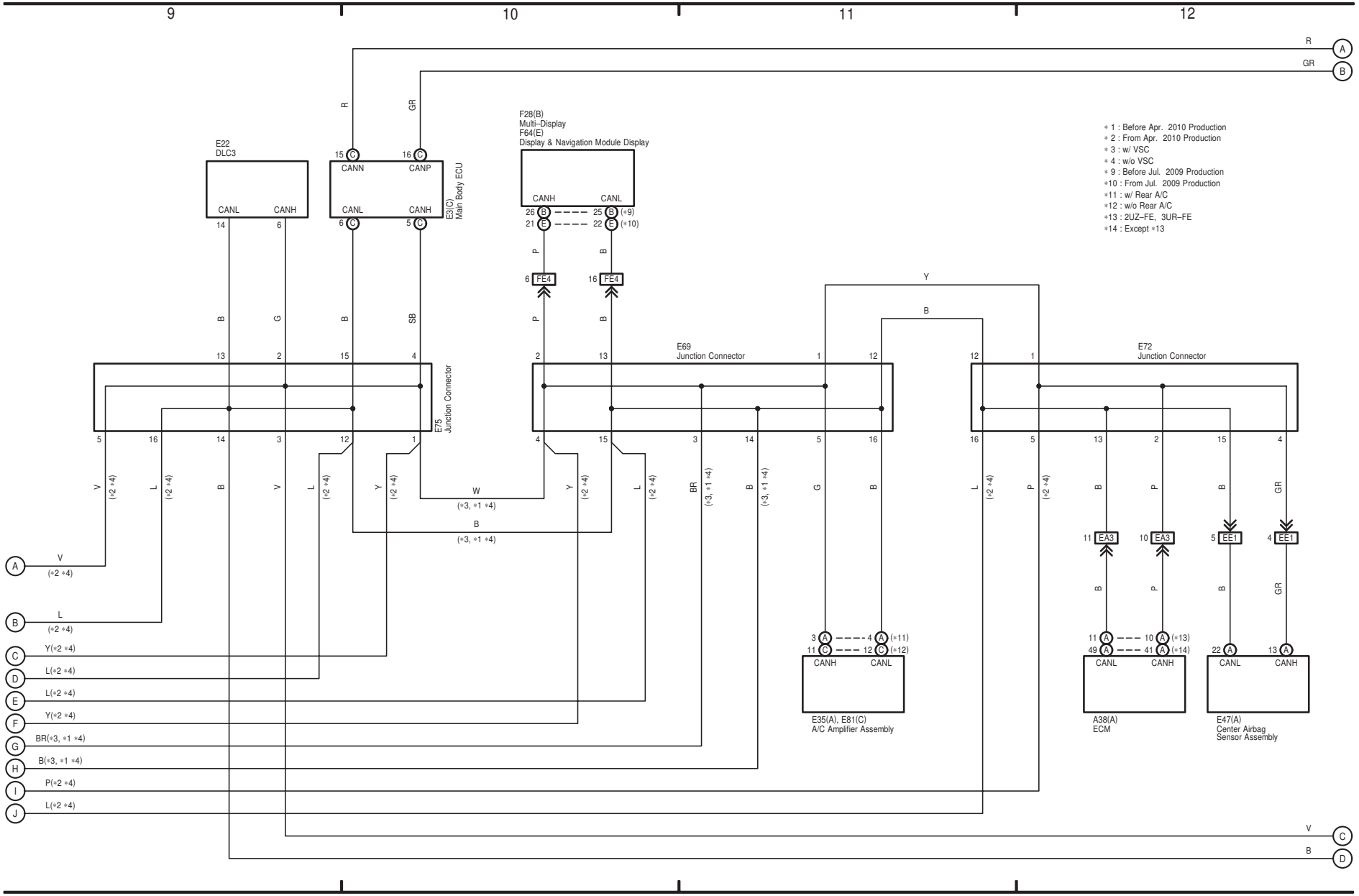
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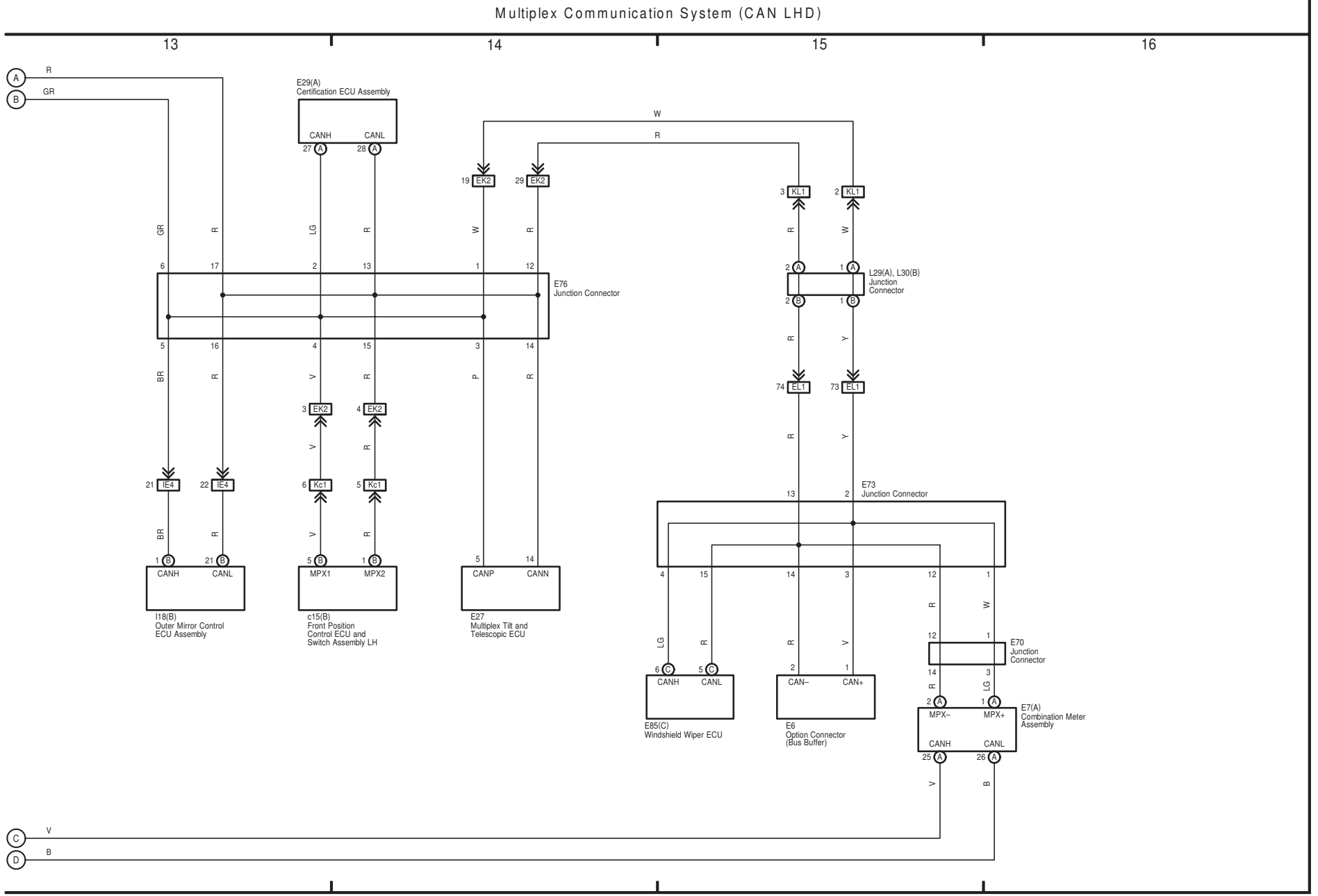
Multiplex Communication System (CAN LHD)

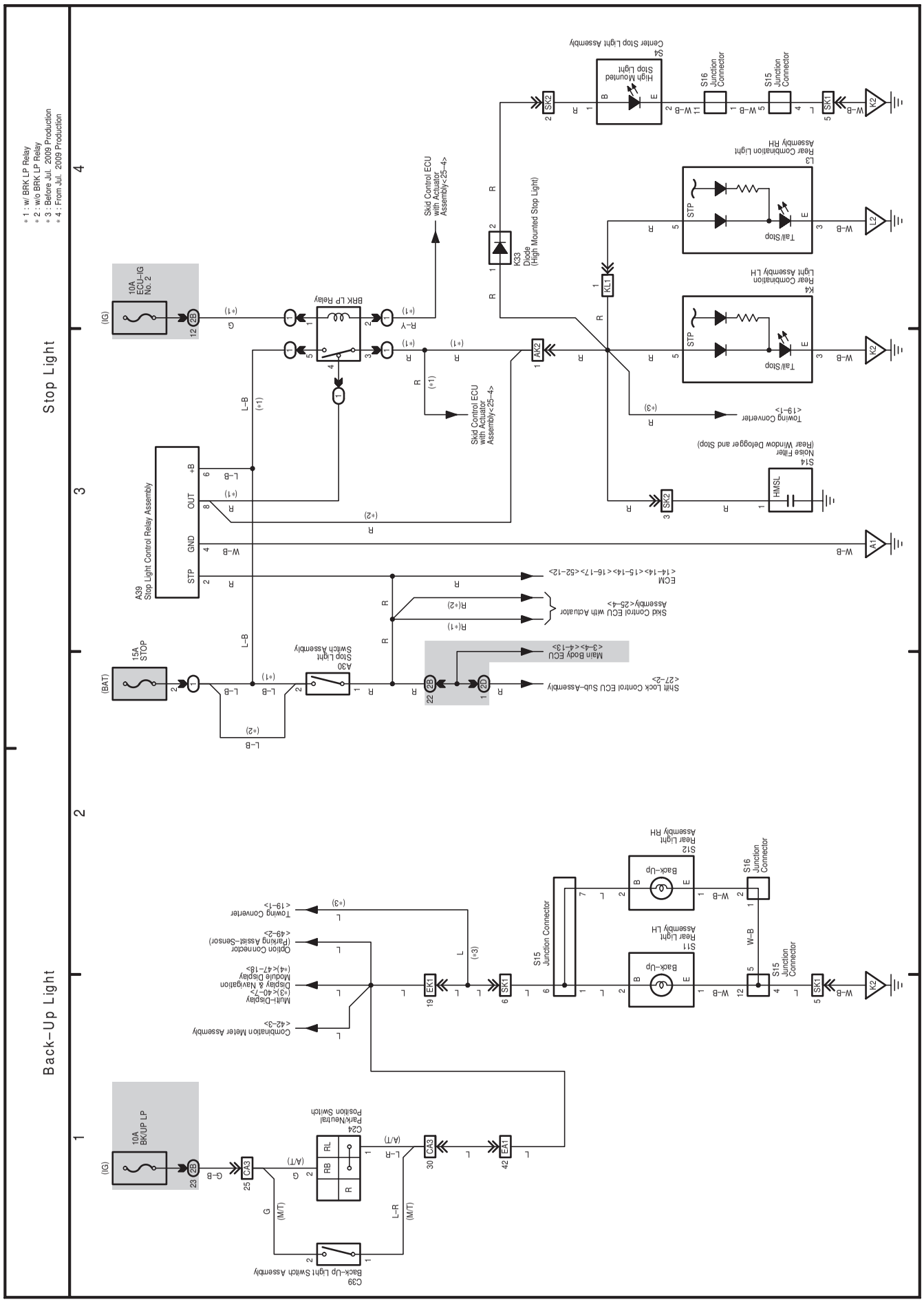


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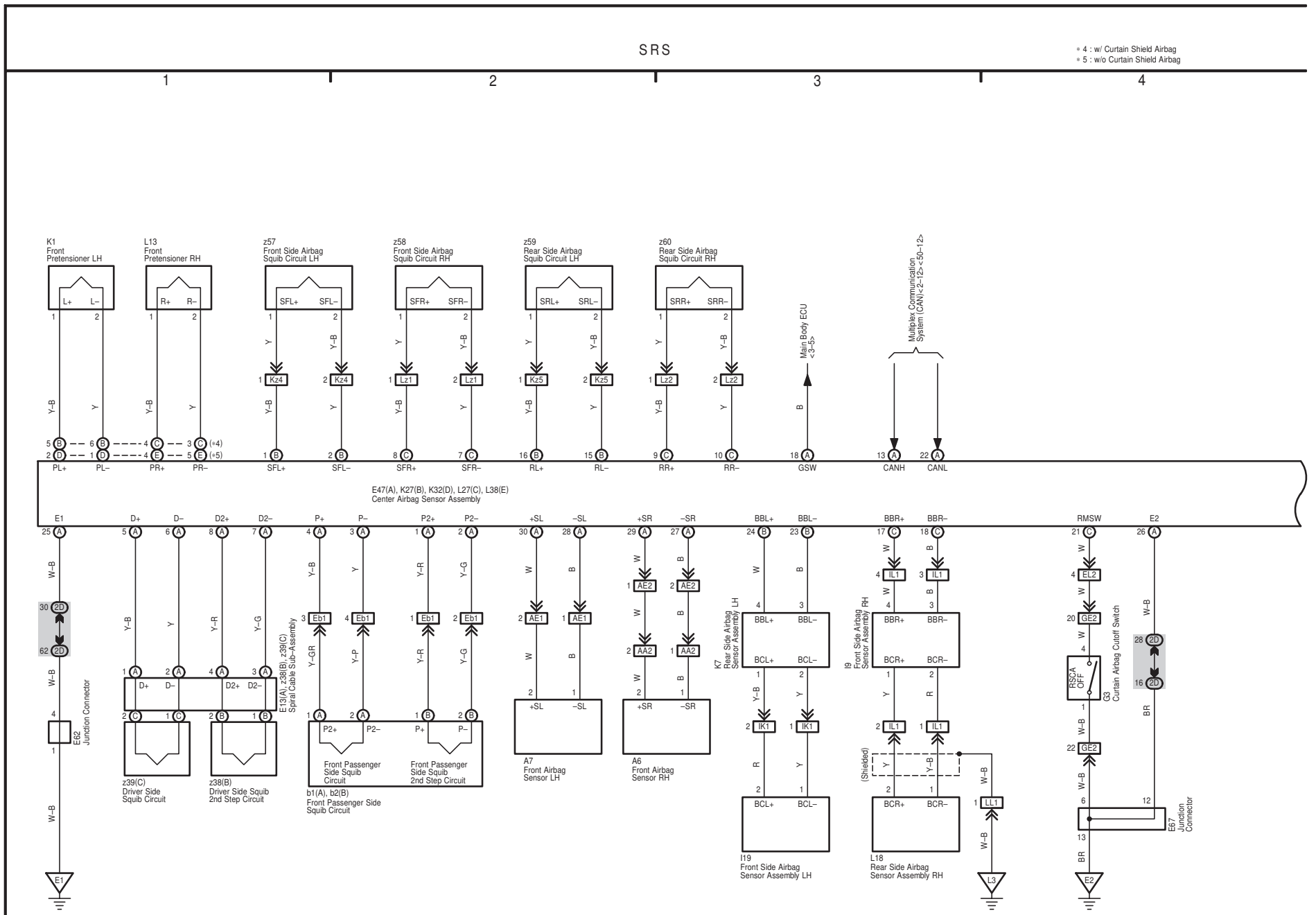
Multiplex Communication System (CAN LHD)



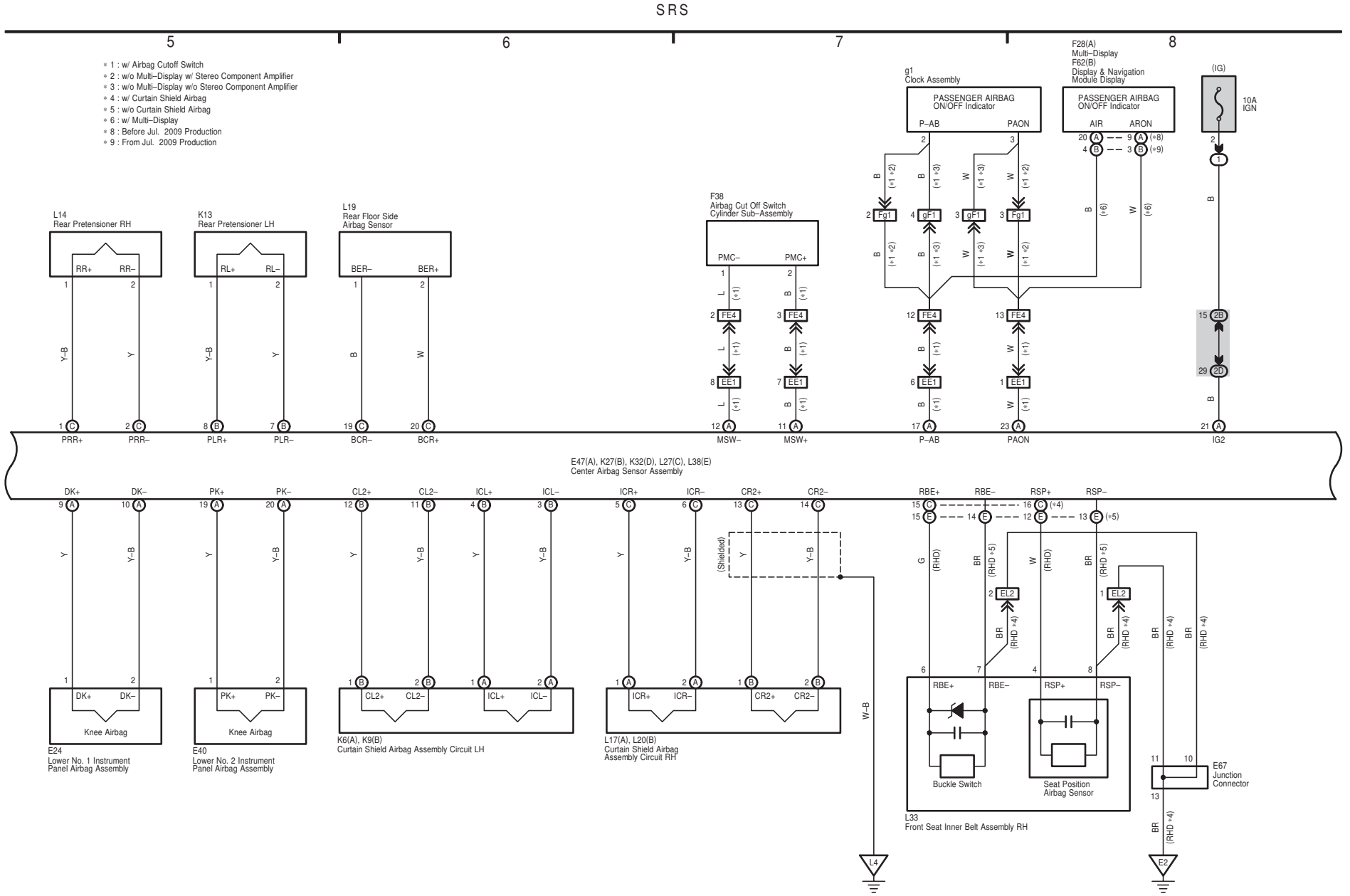

Multiplex Communication System (CAN LHD)
13
14
15
16
A
R
B
GR
E29(A)
Certification ECU Assembly
CANH
CANL
27
28
W
R
19 EK2
29 EK2
3 KL1
2 KL1
GR
R
LG
R
W
R
R
W
6
17
2
13
1
12
2 A
1 A
2 B
1 B
L29(A), L30(B)
Junction
Connector
E76
Junction Connector
5
16
4
15
3
14
R
Y
BR
R
V
R
P
R
74 EL1
73 EL1
3 EK2
4 EK2
R
Y
V
R
E73
Junction Connector
13
2
21 IE4
22 IE4
6 Kc1
5 Kc1
BR
R
V
R
1 B
21 B
5 B
1 B
4
15
14
3
12
1
CANH
CANL
MPX1
MPX2
CANP
CANN
R
W
LG
R
R
V
12
1
E70
Junction
Connector
6 C
5 C
2
1
14
3
CANH
CANL
CAN–
CAN+
R
LG
2 A
1 A
MPX–
MPX+
E7(A)
Combination Meter
Assembly
CANH
CANL
25 A
26 A
I18(B)
Outer Mirror Control
ECU Assembly
c15(B)
Front Position
Control ECU and
Switch Assembly LH
E27
Multiplex Tilt and
Telescopic ECU
E85(C)
Windshield Wiper ECU
E6
Option Connector
(Bus Buffer)
V
B
C
V
D
B


Back–Up Light
Stop Light
1
2
3
4
20 LAND CRUISER Station Wagon
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay
* 3 : Before Jul. 2009 Production
* 4 : From Jul. 2009 Production
10A BK/UP LP
10A ECU–IG No. 2
15A STOP
BRK LP Relay
A39 Stop Light Control Relay Assembly
A30 Stop Light Switch Assembly
C39 Back–Up Light Switch Assembly
C24 Park/Neutral Position Switch
Back–Up
S11 Rear Light Assembly LH
S12 Rear Light Assembly RH
S15 Junction Connector
S16 Junction Connector
S4 Center Stop Light Assembly
High Mounted Stop Light
K33 Diode (High Mounted Stop Light)
L2 Rear Combination Light Assembly RH
K4 Rear Combination Light Assembly LH
Tail/Stop
S14 Noise Filter (Rear Window Defogger and Stop)
Skid Control ECU with Actuator Assembly<25–4>
Towing Converter <19–1>
Combination Meter Assembly <42–3>
Multi–Display Display & Navigation Module Display (*4)<47–18>
Option Connector (Parking Assist–Sensor) <49–2>
Shift Lock Control ECU Sub–Assembly <27–2>
Main Body ECU <3–4><4–13>
ECM <14–14><15–14><16–17><52–12>
A1
A2
A3
EA1
EK1
SK1
SK2
AK2
KL1
CA3
2B
2D

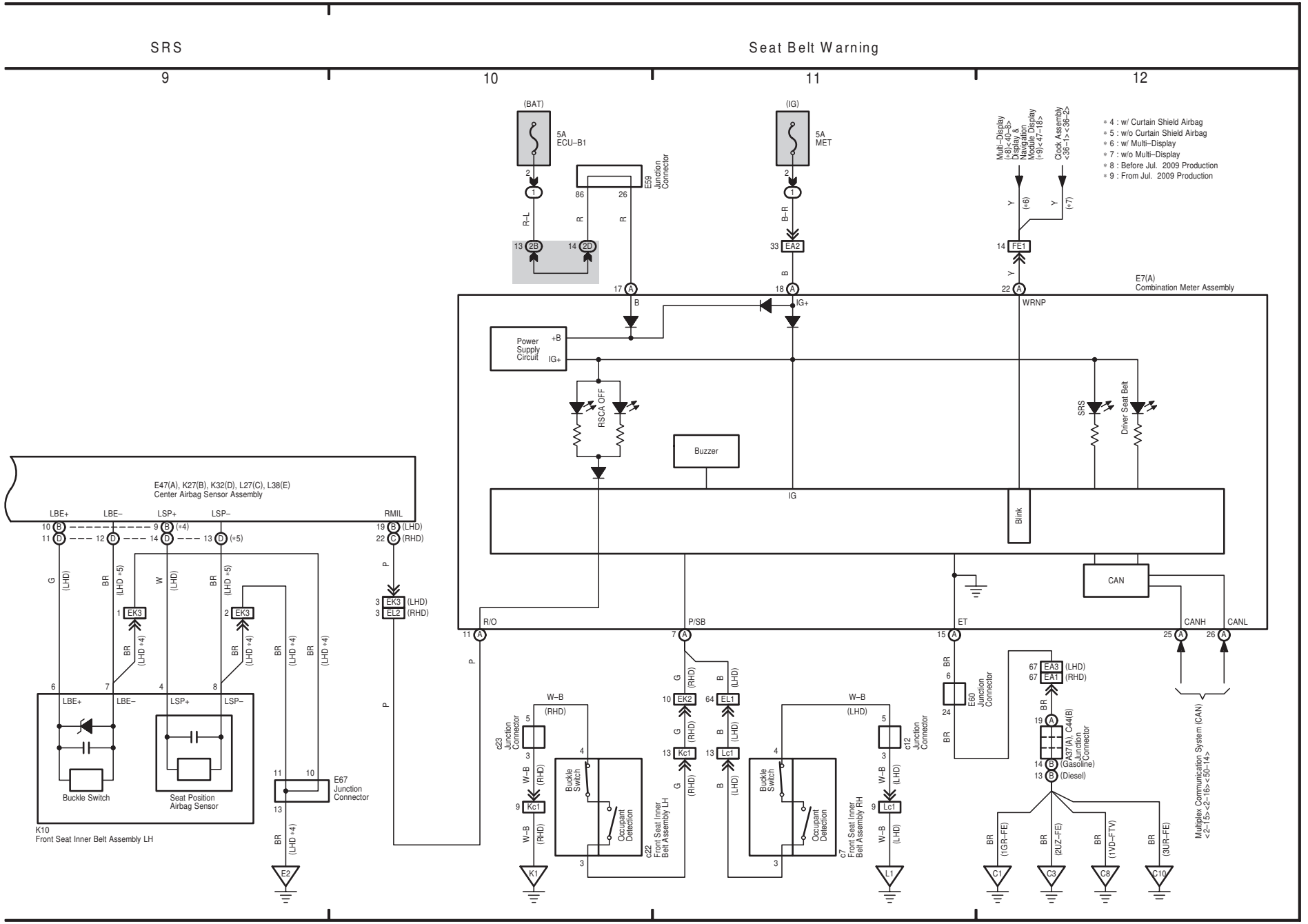
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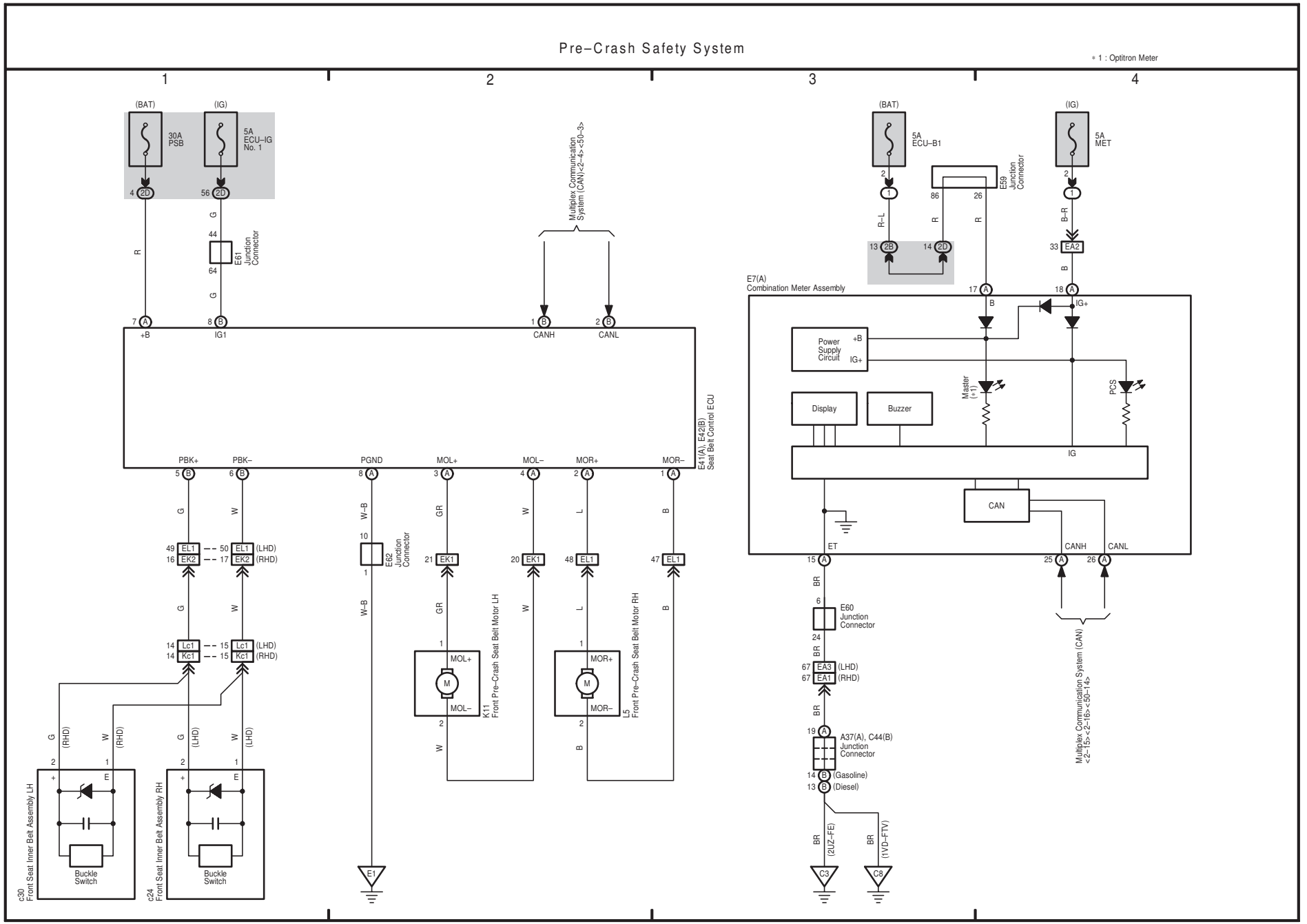


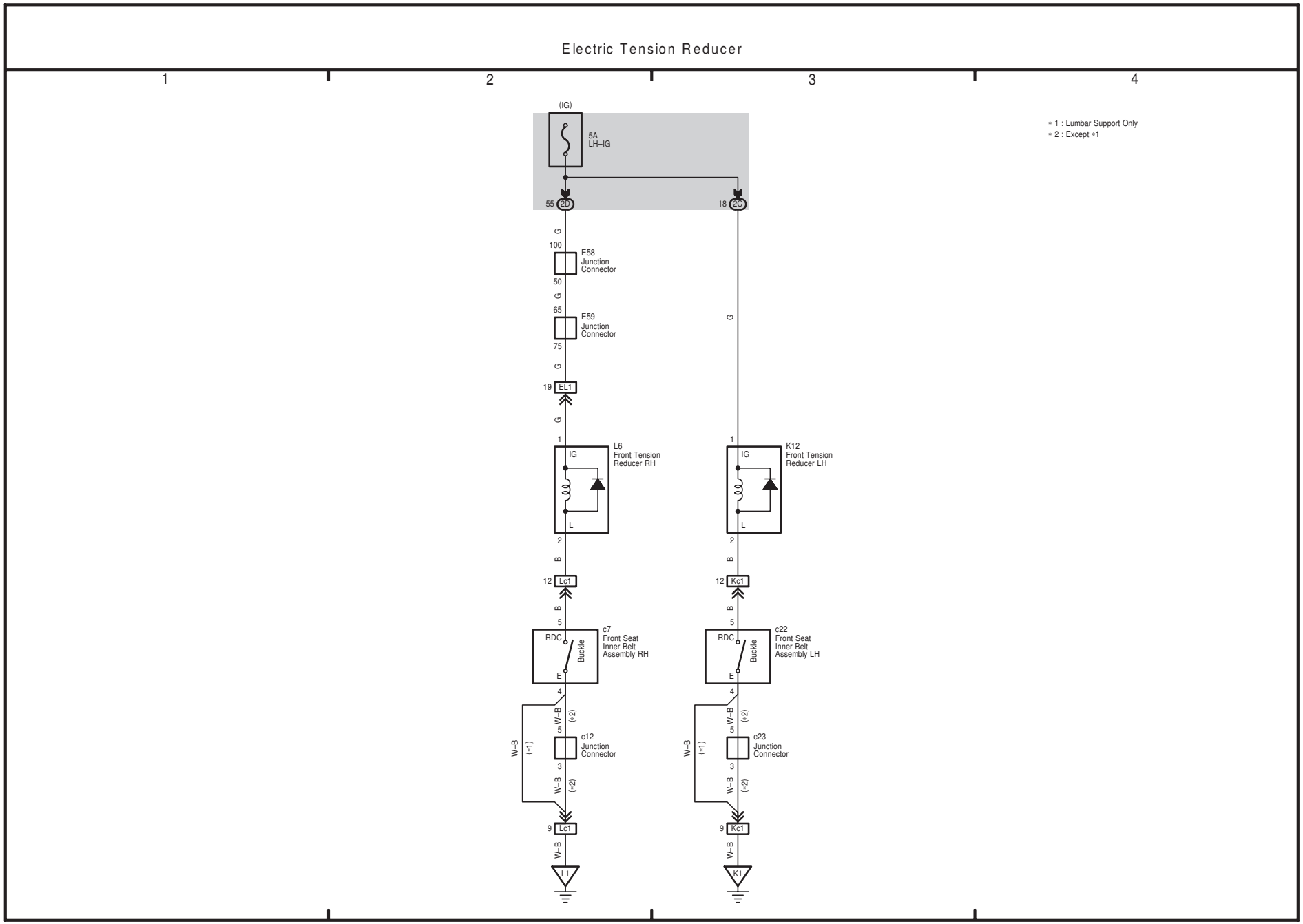
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21 LAND CRUISER Station Wagon (Cont' d)



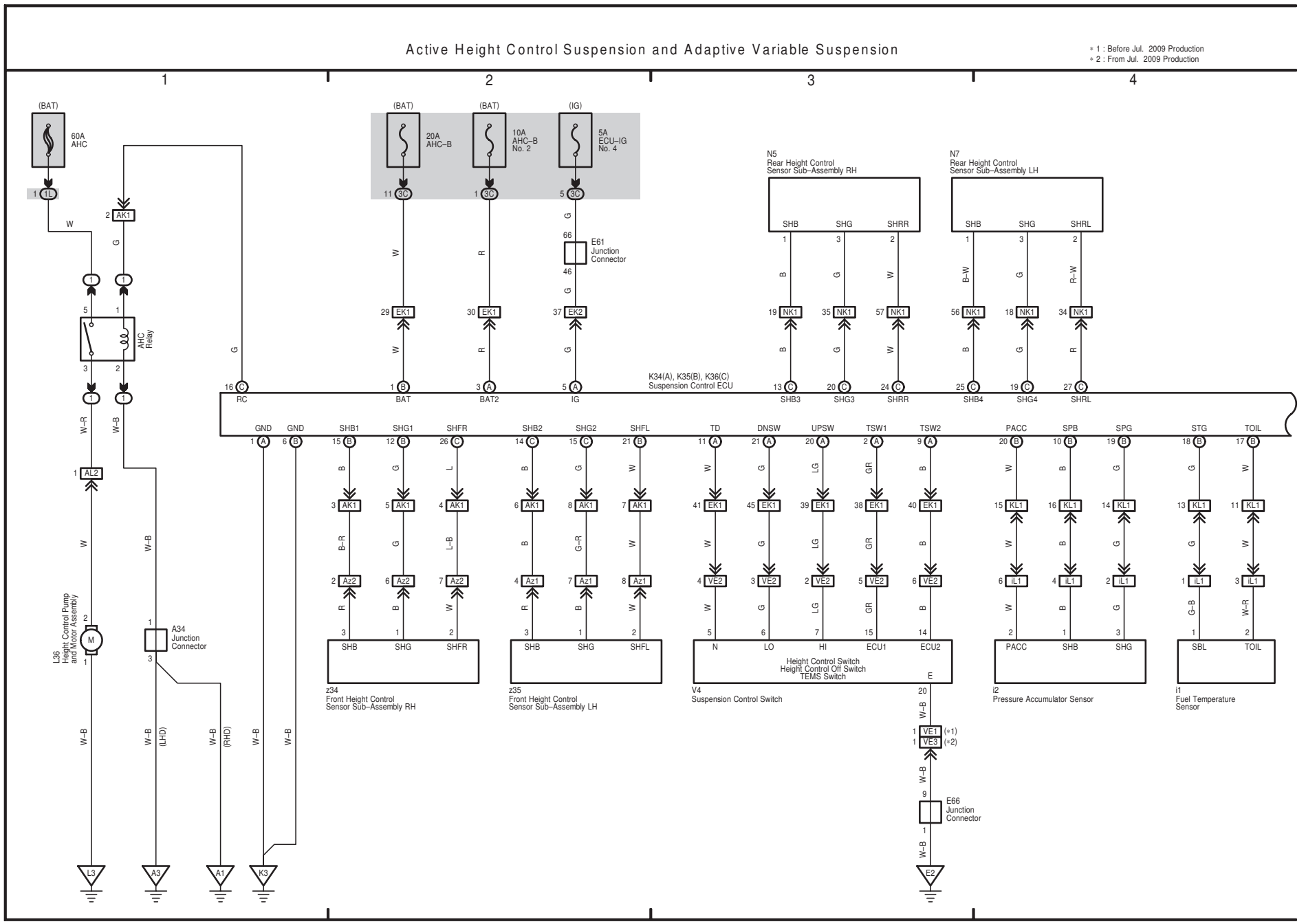

Pre–Crash Safety System
* 1 : Optitron Meter
1
2
3
4
(BAT)
(IG)
30A PSB
5A ECU–IG No. 1
4 2D
56 2D
G
44
E61 Junction Connector
64
G
R
7 A +B
8 B IG1
Multiplex Communication System (CAN)<2–4><50–3>
1 B CANH
2 B CANL
E41(A), E42(B) Seat Belt Control ECU
PBK+
PBK–
PGND
MOL+
MOL–
MOR+
MOR–
5 B
6 B
8 A
3 A
4 A
2 A
1 A
G
W
W–B
GR
L
B
49 EL1
16 EK2
50 EL1 (LHD)
17 EK2 (RHD)
10
E62 Junction Connector
1
21 EK1
20 EK1
48 EL1
47 EL1
14 Lc1
14 Kc1
15 Lc1 (LHD)
15 Kc1 (RHD)
MOL+
MOL–
K11 Front Pre–Crash Seat Belt Motor LH
MOR+
MOR–
L5 Front Pre–Crash Seat Belt Motor RH
M
2
1
(RHD)
(LHD)
+
E
Buckle Switch
c30 Front Seat Inner Belt Assembly LH
c24 Front Seat Inner Belt Assembly RH
E1
5A ECU–B1
5A MET
E59 Junction Connector
2
1
86
26
R–L
R
B–R
13 2B
14 2D
33 EA2
E7(A) Combination Meter Assembly
17 A
18 A
B
IG+
Power Supply Circuit
+B
IG+
Master (*1)
PCS
Display
Buzzer
IG
CAN
ET
CANH
CANL
15 A
25 A
26 A
BR
6
E60 Junction Connector
24
67 EA3 (LHD)
67 EA1 (RHD)
19 A
A37(A), C44(B) Junction Connector
14 B (Gasoline)
13 B (Diesel)
(2UZ–FE)
(1VD–FTV)
C3
C8
Multiplex Communication System (CAN) <2–15><2–16><36–14>


Electric Tension Reducer
1
2
3
4
(IG)
5A
LH–IG
55 2D
18 2C
∗1 : Lumbar Support Only
∗2 : Except ∗1
G
100
E58
Junction
Connector
50
G
65
E59
Junction
Connector
75
G
19 EL1
G
1
IG
L6
Front Tension
Reducer RH
L
2
B
12 Lc1
B
5
RDC
Buckle
E
c7
Front Seat
Inner Belt
Assembly RH
4
W–B
(∗2)
5
c12
Junction
Connector
3
W–B
(∗2)
9 Lc1
W–B
L1
W–B
(∗1)
G
1
IG
K12
Front Tension
Reducer LH
L
2
B
12 Kc1
B
5
RDC
Buckle
E
c22
Front Seat
Inner Belt
Assembly LH
4
W–B
(∗2)
5
c23
Junction
Connector
3
W–B
(∗2)
9 Kc1
W–B
K1
W–B
(∗1)

(Cont. next page)

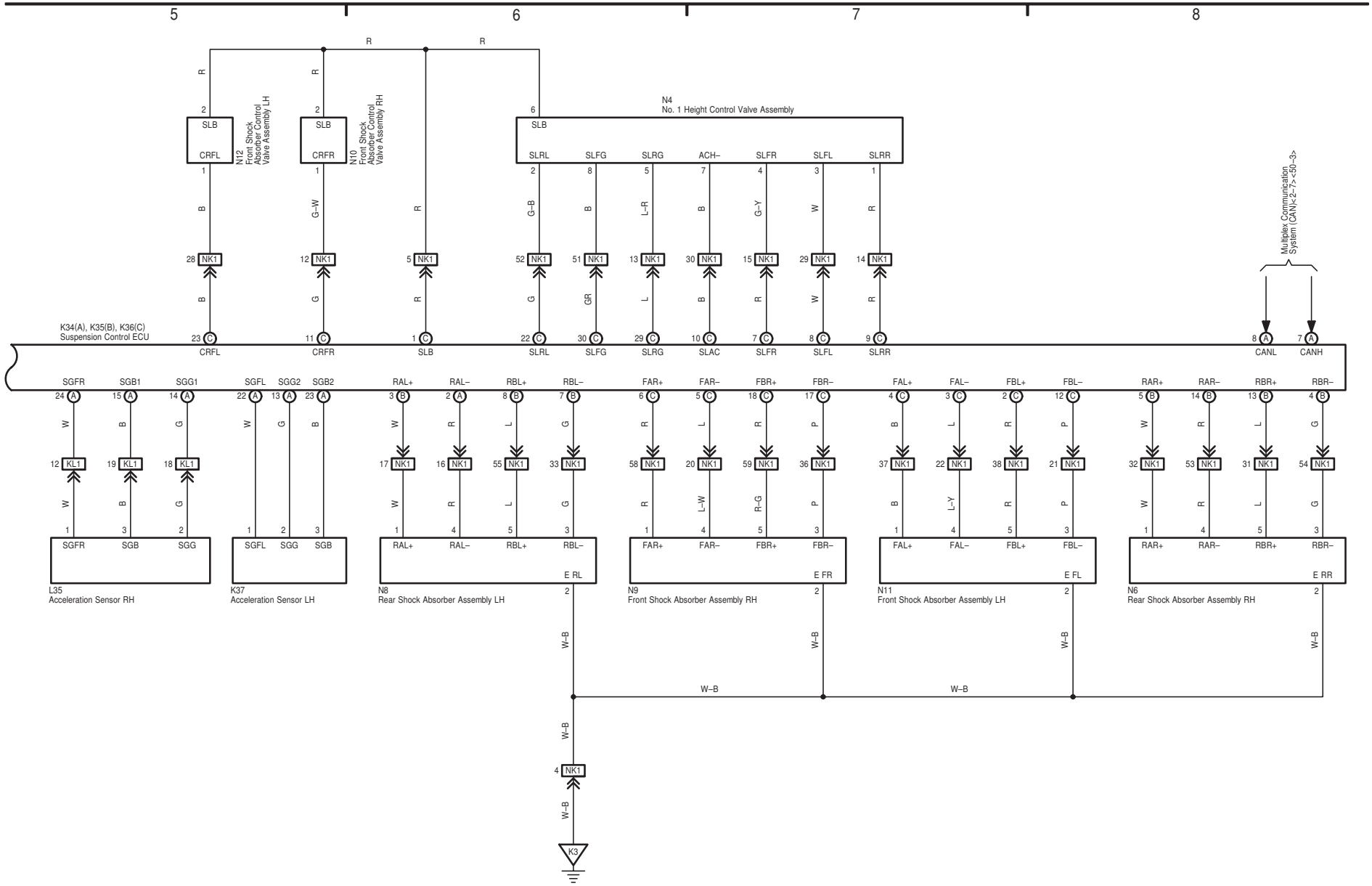
Active Height Control Suspension and Adaptive Variable Suspension

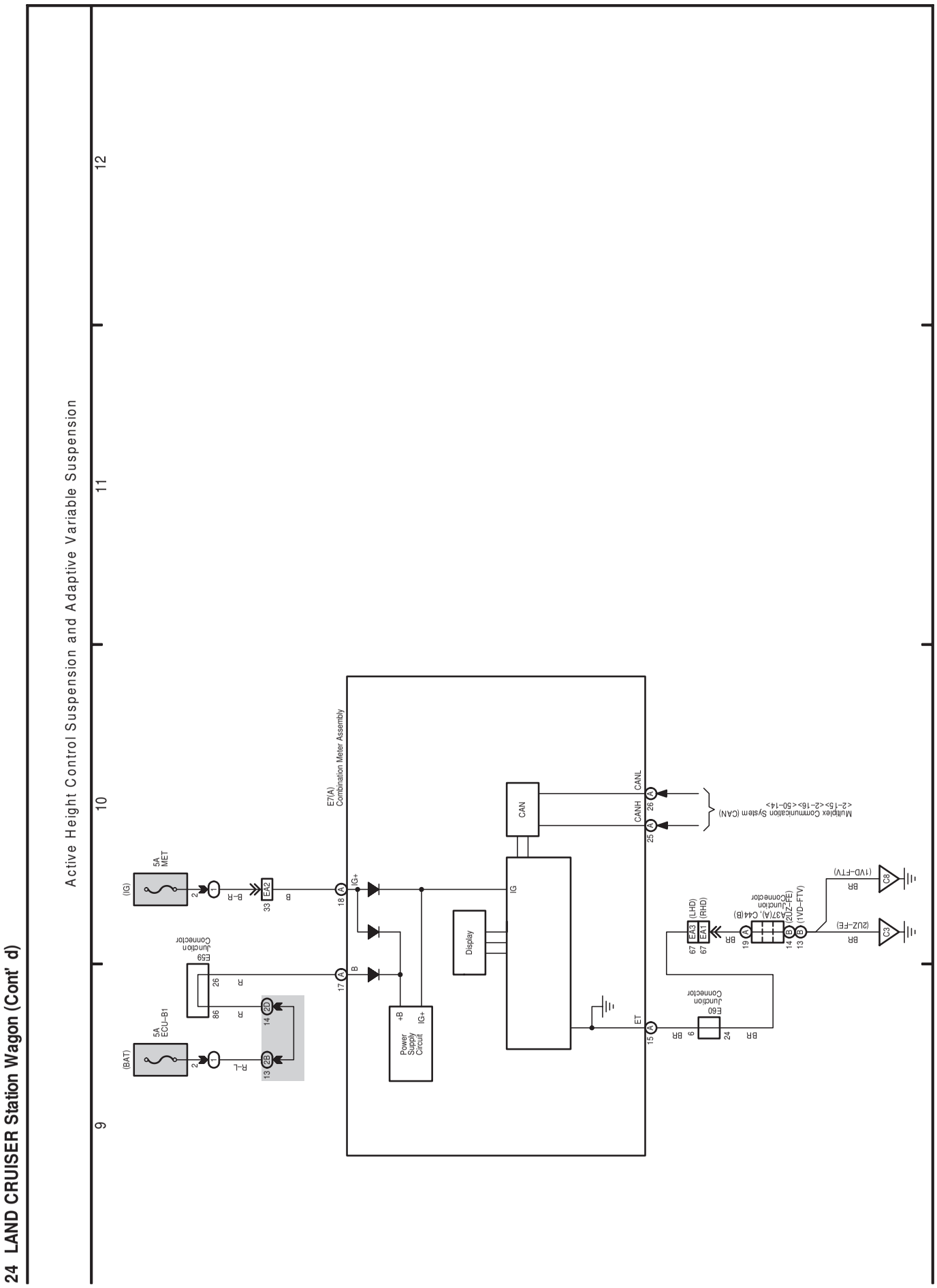
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production



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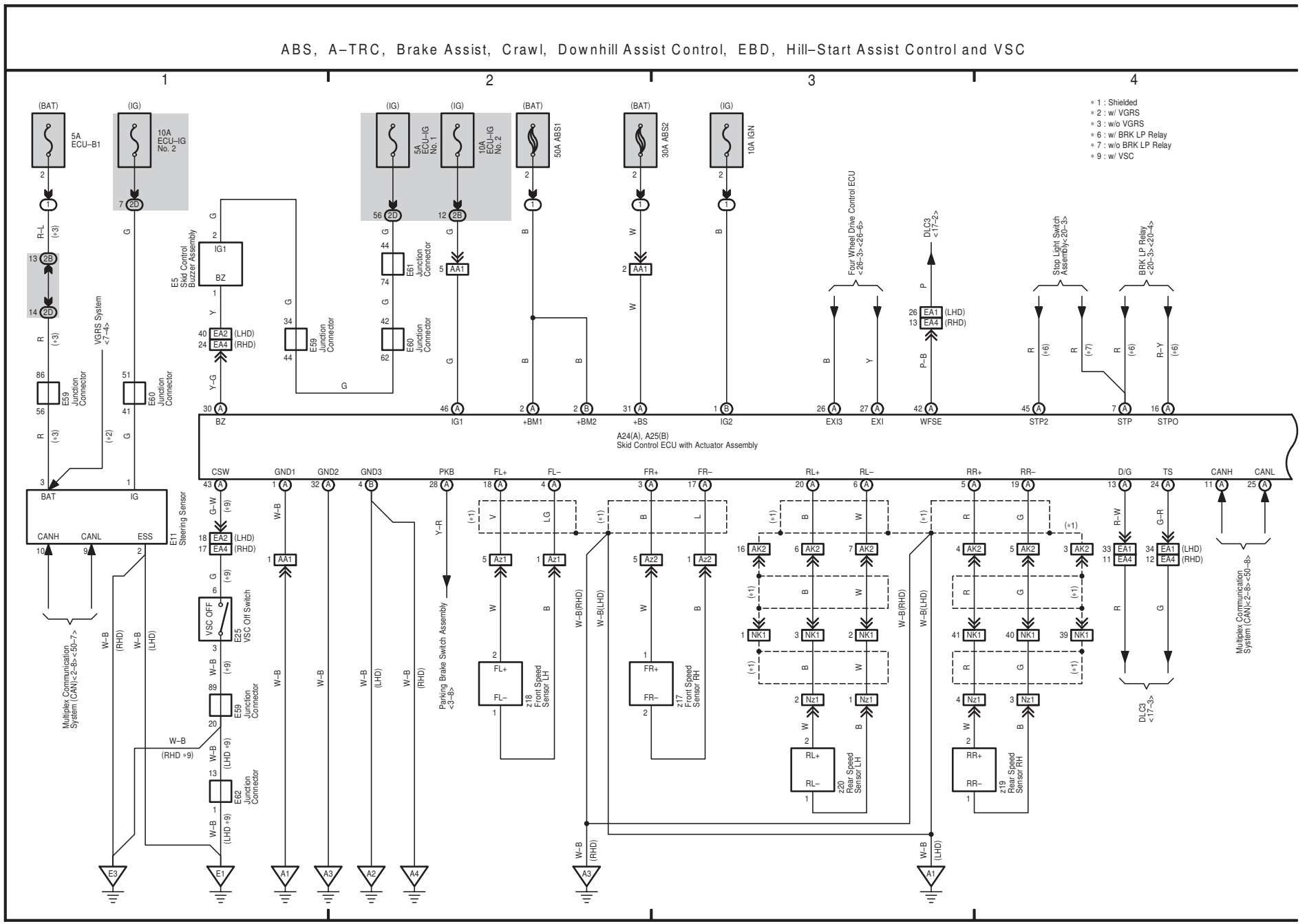
Active Height Control Suspension and Adaptive Variable Suspension

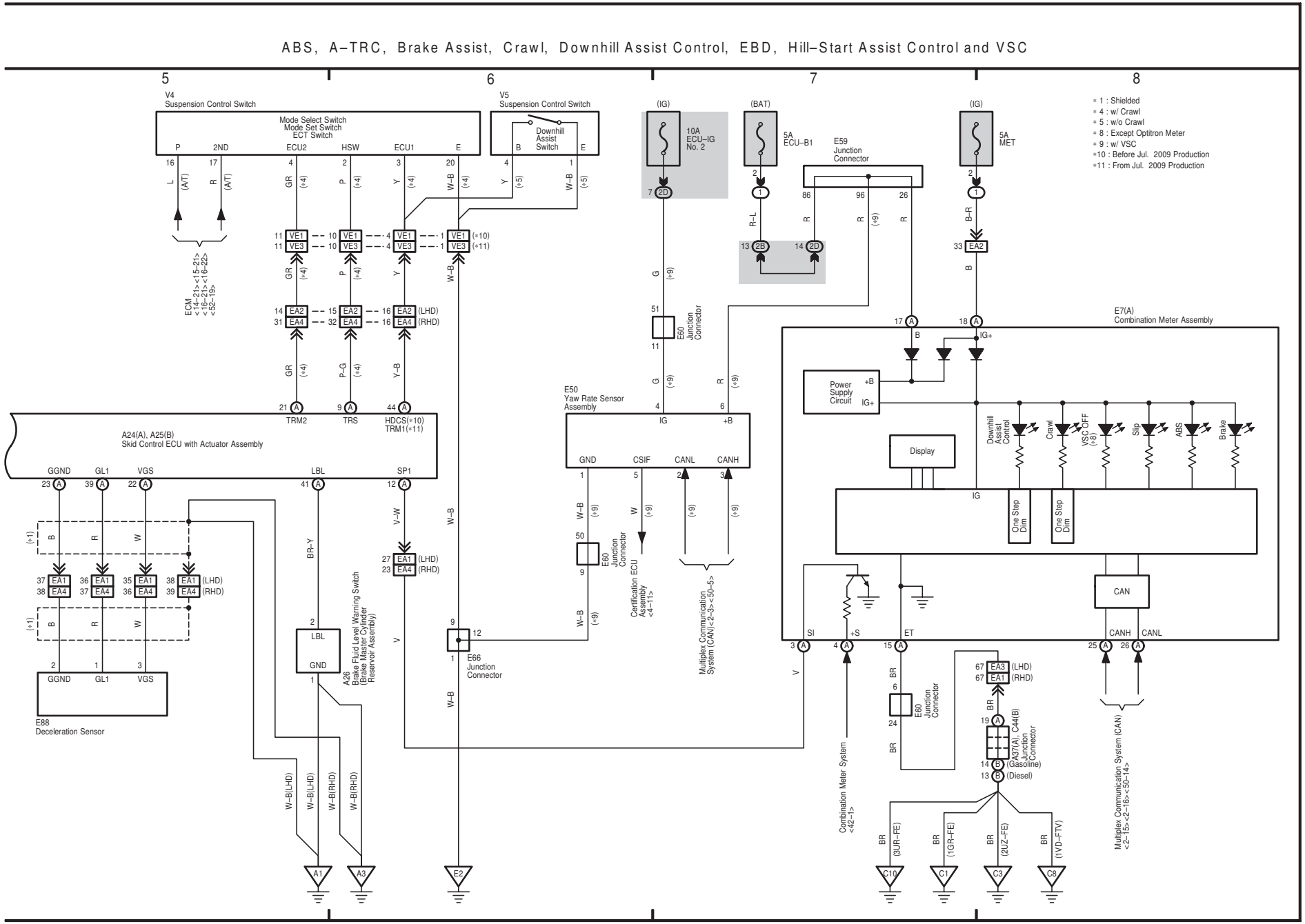



24 LAND CRUISER Station Wagon (Cont' d)
Active Height Control Suspension and Adaptive Variable Suspension
9
10
11
12
(IG)
5A MET
(BAT)
5A ECU–B1
EA2
33
18
17
13
14
IG+
B
+B
Power Supply Circuit
E7(A) Combination Meter Assembly
CAN
IG
Display
ET
CANH
CANL
25
26
15
Multiplex Communication System (CAN)
<2–15><2–18><50–14>
E60 Junction Connector
6
24
E59 Junction Connector
26
86
EA3 (LHD)
EA1 (RHD)
67
67
19
A37(A), C44(B) Junction Connector
14
13
(2UZ–FE)
(1VD–FTV)
C3
C8
BR
L
SB
OC
OD
OB

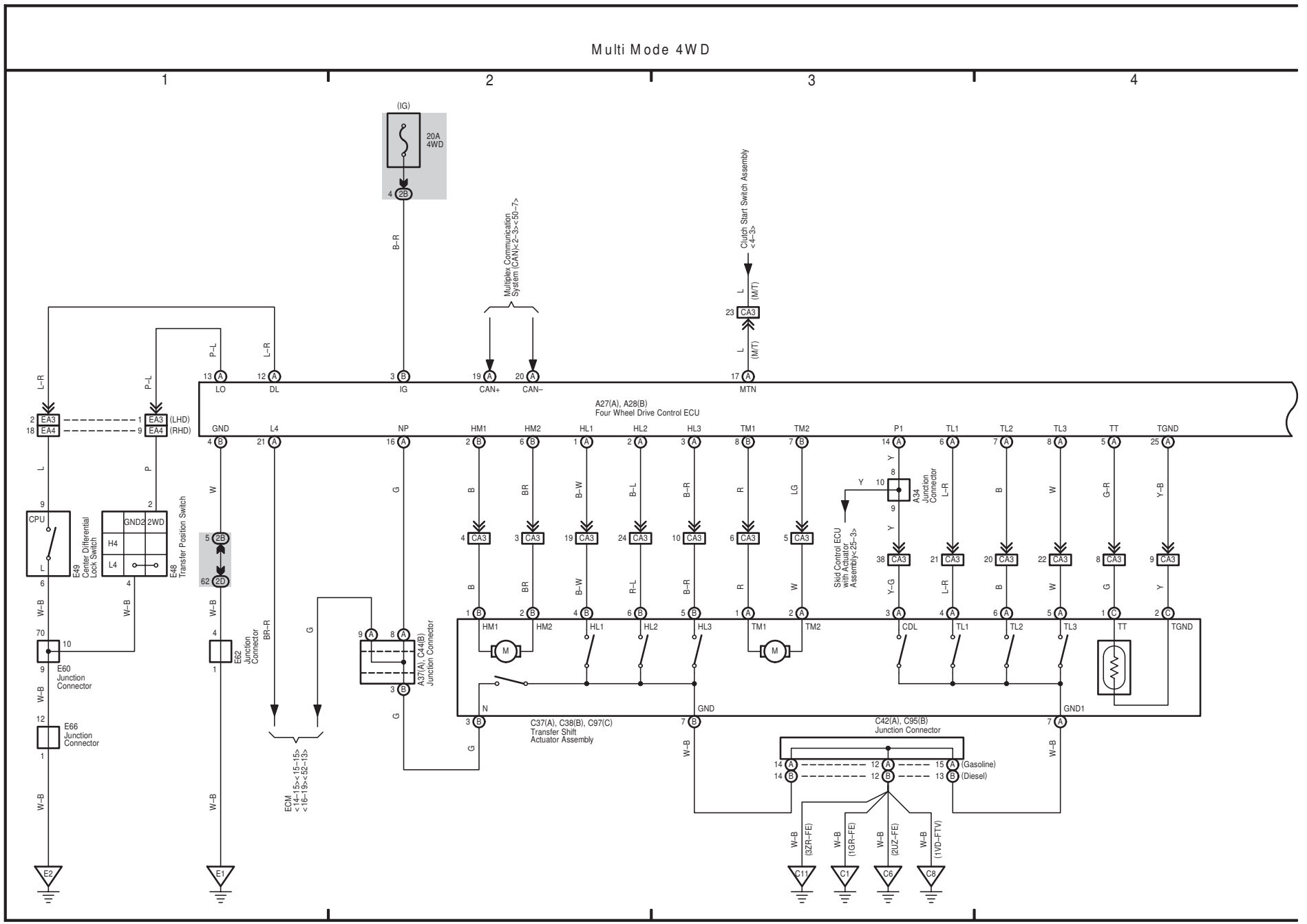
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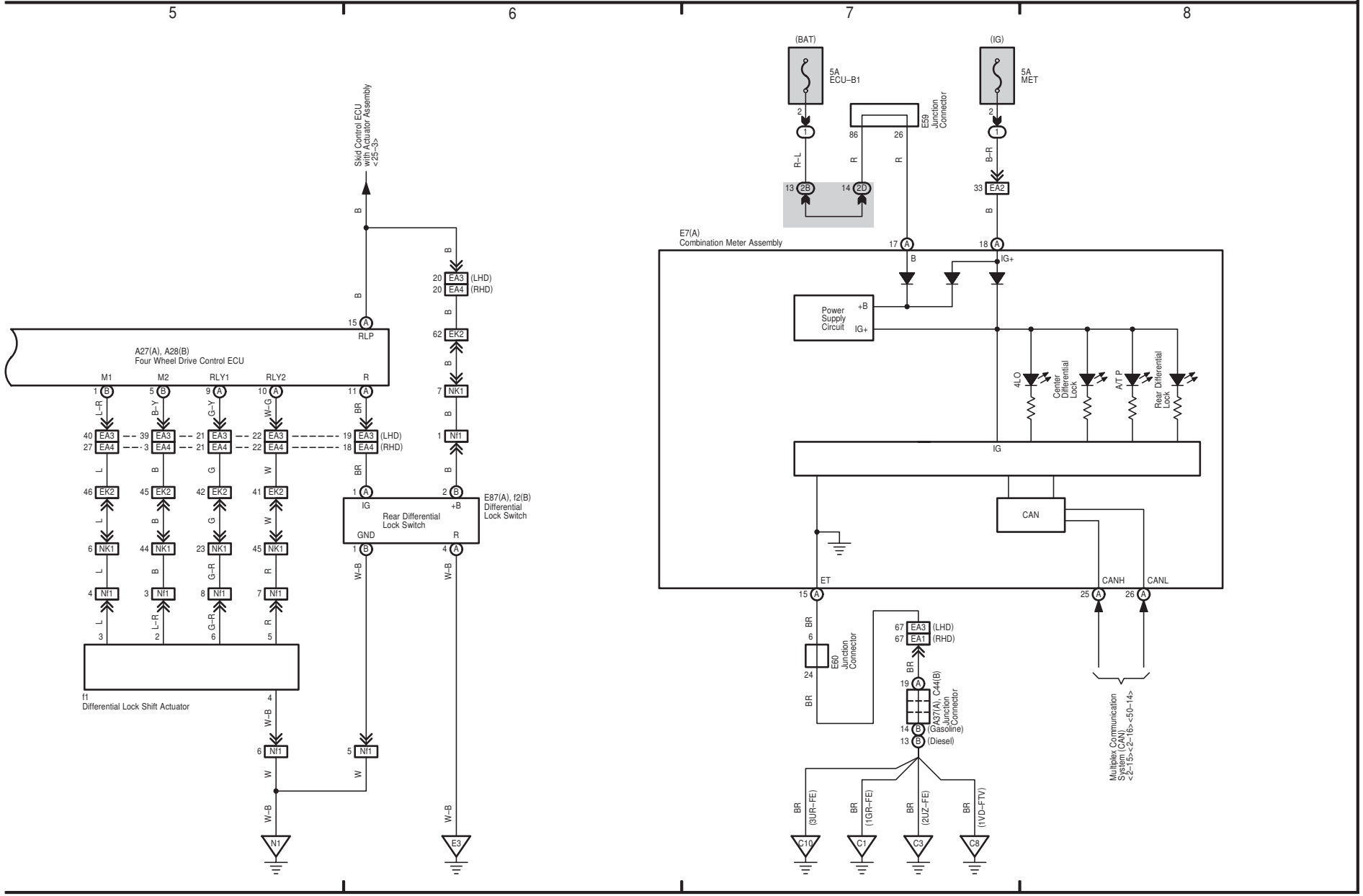
ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control and VSC

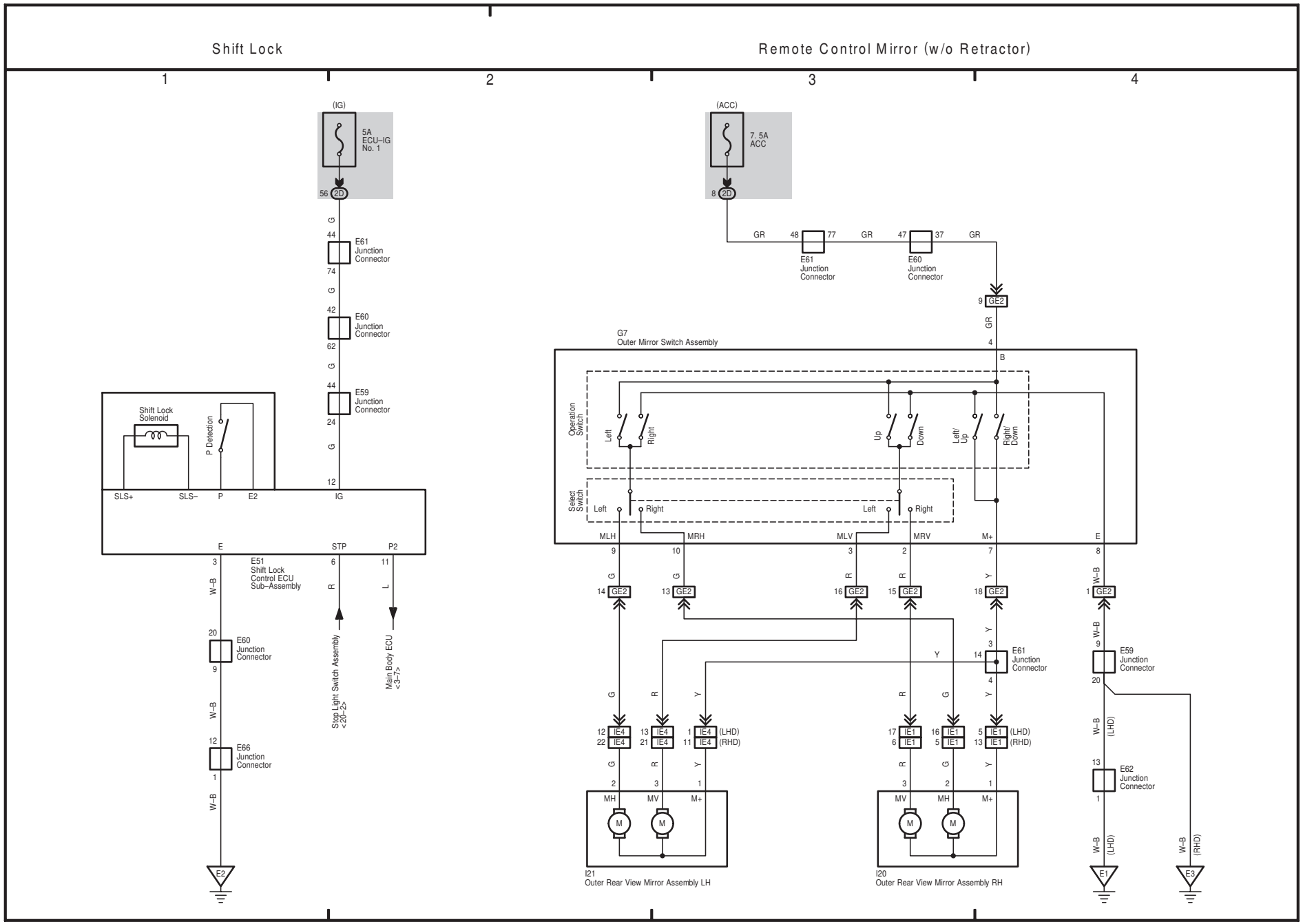


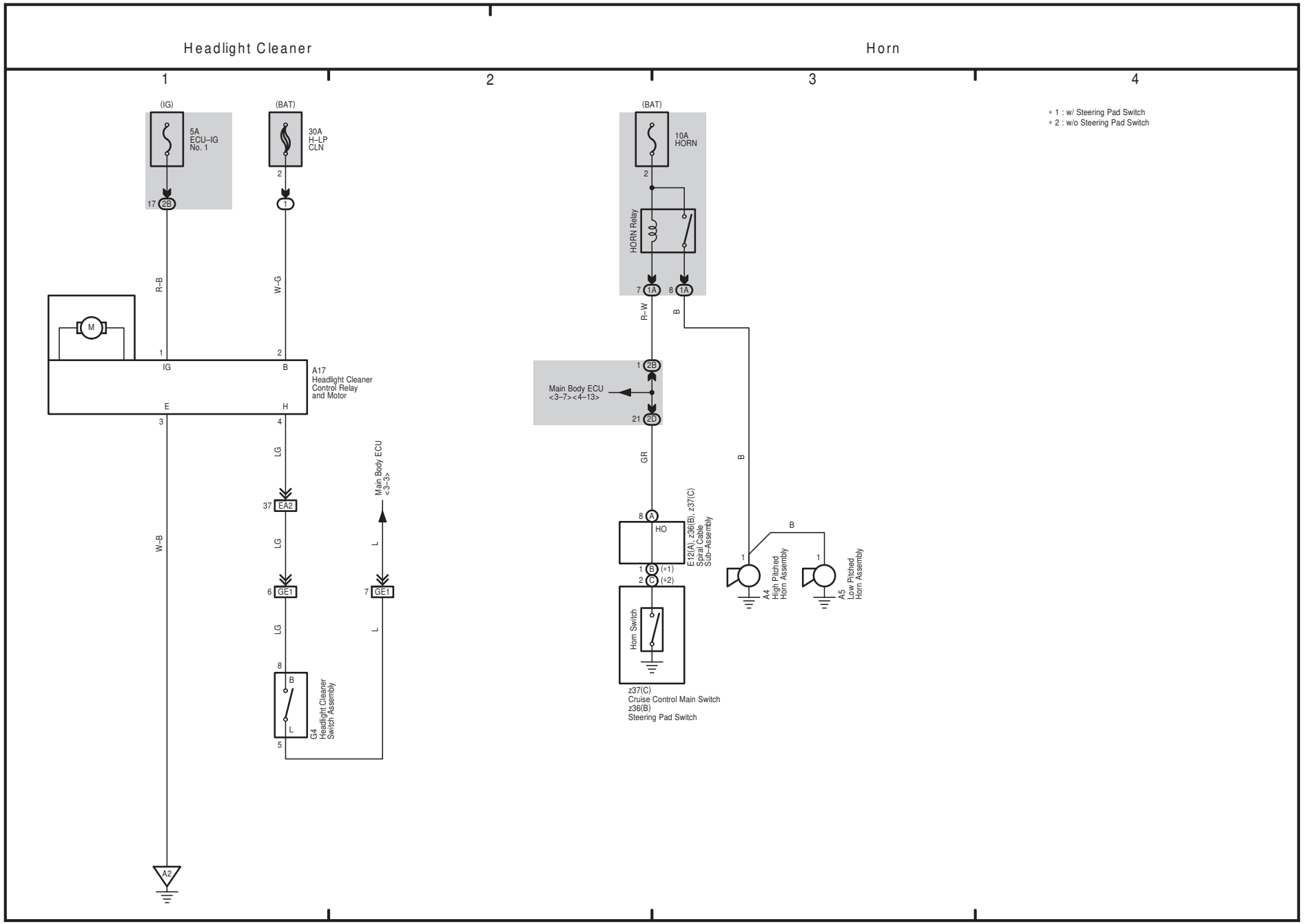

ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control and VSC
5
6
7
8
V4
Suspension Control Switch
Mode Select Switch
Mode Set Switch
ECT Switch
P
2ND
ECU2
HSW
ECU1
E
V5
Suspension Control Switch
Downhill Assist Switch
(IG)
10A ECU–IG No. 2
(BAT)
5A ECU–B1
E59 Junction Connector
5A MET
∗1 : Shielded
∗4 : w/ Crawl
∗5 : w/o Crawl
∗8 : Except Optitron Meter
∗9 : w/ VSC
∗10 : Before Jul. 2009 Production
∗11 : From Jul. 2009 Production
ECM
<14–21><15–21>
<16–21><16–22>
<52–19>
E7(A)
Combination Meter Assembly
E50
Yaw Rate Sensor Assembly
E60 Junction Connector
A24(A), A25(B)
Skid Control ECU with Actuator Assembly
TRM2
TRS
HDCS(∗10)
TRM1(∗11)
GGND
GL1
VGS
LBL
SP1
IG
+B
GND
CSIF
CANL
CANH
Power Supply Circuit
Display
Downhill Assist Control
Crawl
VSC OFF (∗8)
Slip
ABS
Brake
One Step Dim
CAN
SI
+S
ET
E88
Deceleration Sensor
A26
Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Assembly)
E66 Junction Connector
Certification ECU Assembly <4–11>
Multiplex Communication System (CAN)<2–3><50–5>
Combination Meter System <42–1>
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
Multiplex Communication System (CAN)
<2–15><2–16><50–14>
W–B(LHD)
W–B(RHD)
A1
A3
E2
C10
C1
C3
C8

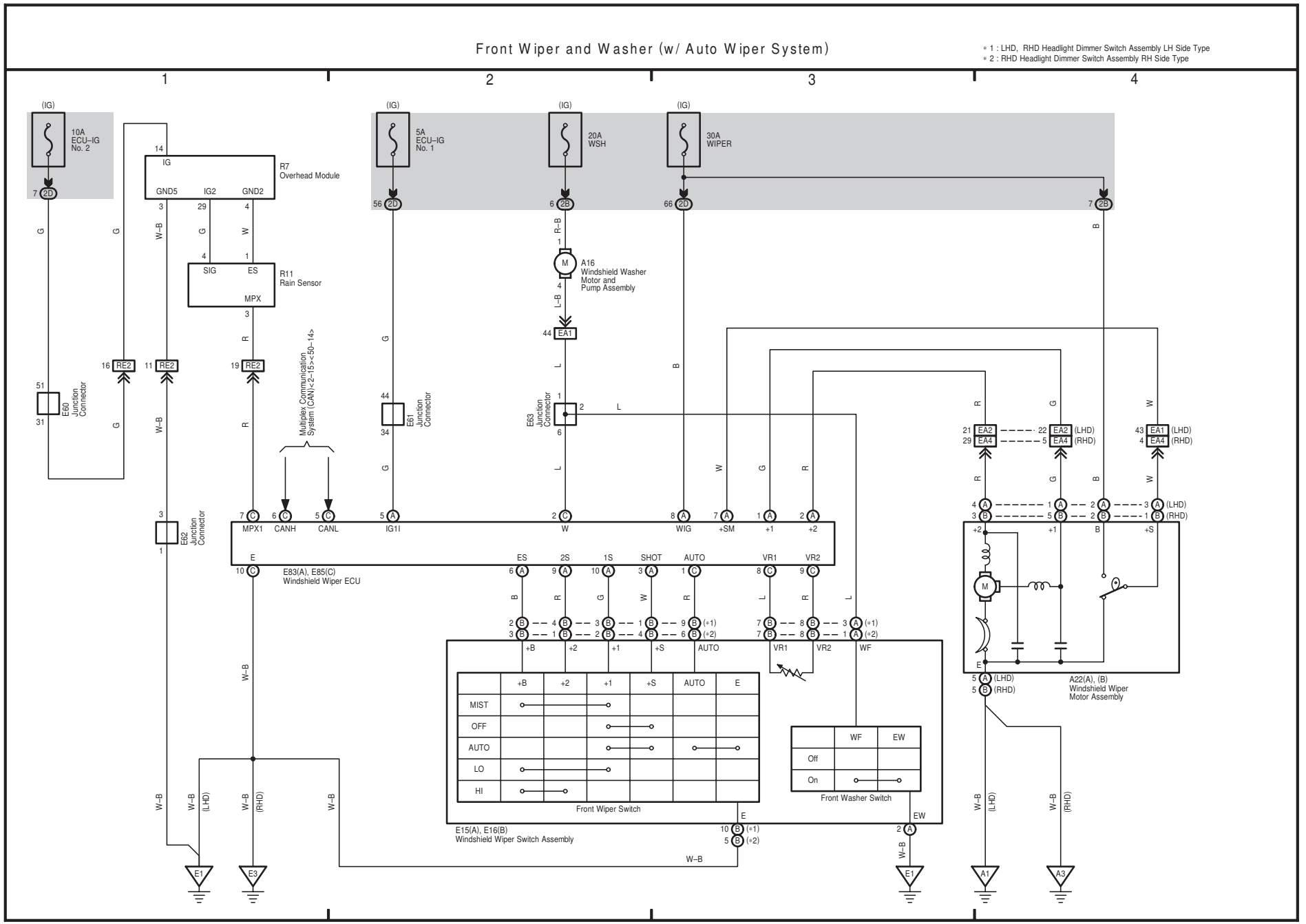
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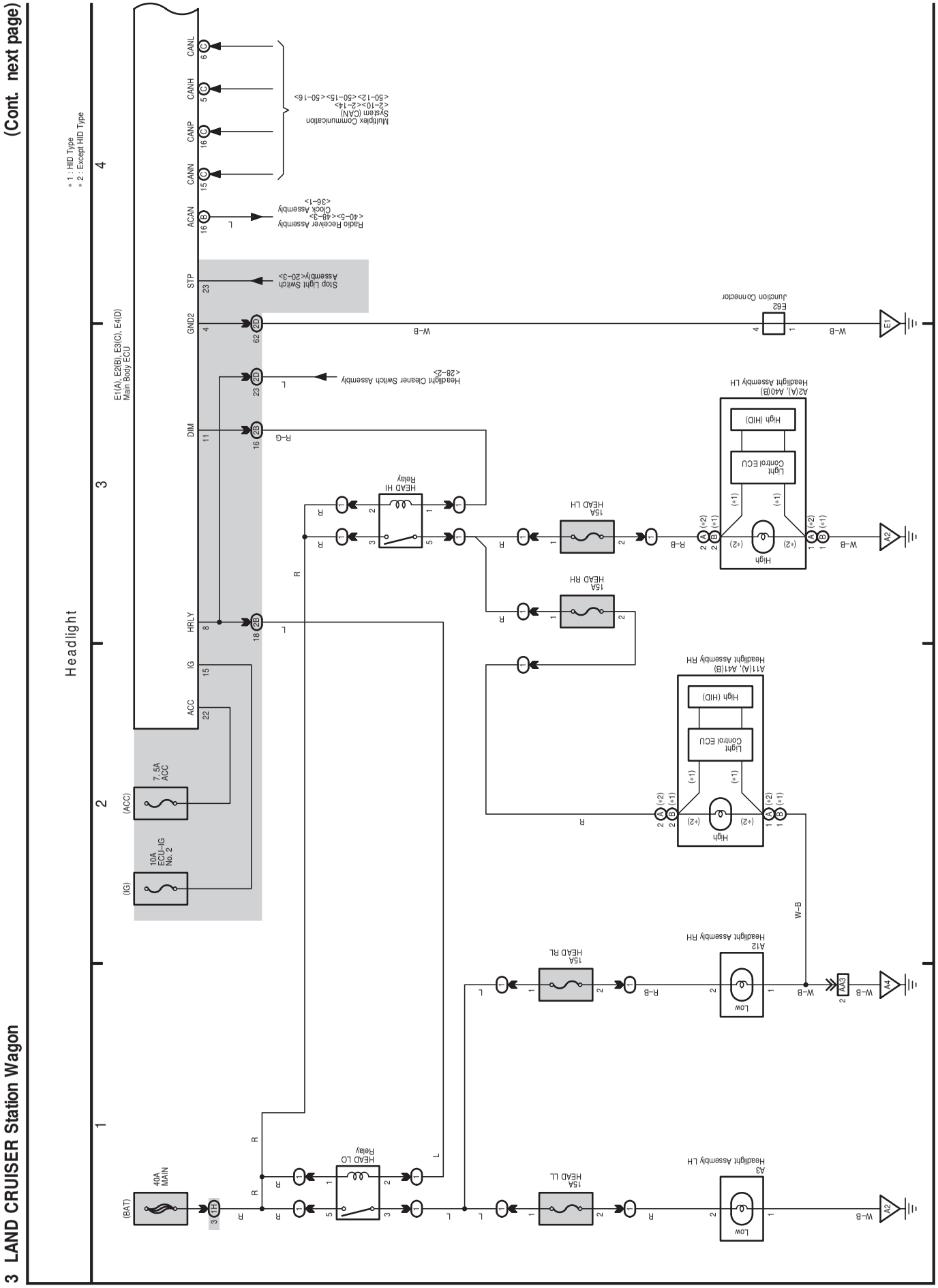



Multi Mode 4WD
5
6
7
8
Skid Control ECU with Actuator Assembly <25–3>
A27(A), A28(B) Four Wheel Drive Control ECU
M1
M2
RLY1
RLY2
R
RLP
f1 Differential Lock Shift Actuator
Rear Differential Lock Switch
IG
GND
+B
R
E87(A), f2(B) Differential Lock Switch
(LHD)
(RHD)
N1
E3
(BAT)
(IG)
5A ECU–B1
5A MET
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
4LO
Center Differential Lock
A/T P
Rear Differential Lock
IG
CAN
ET
CANH
CANL
E60 Junction Connector
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
Multiplex Communication System (CAN) <2–15><2–16><50–14>
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
C10
C1
C3
C8

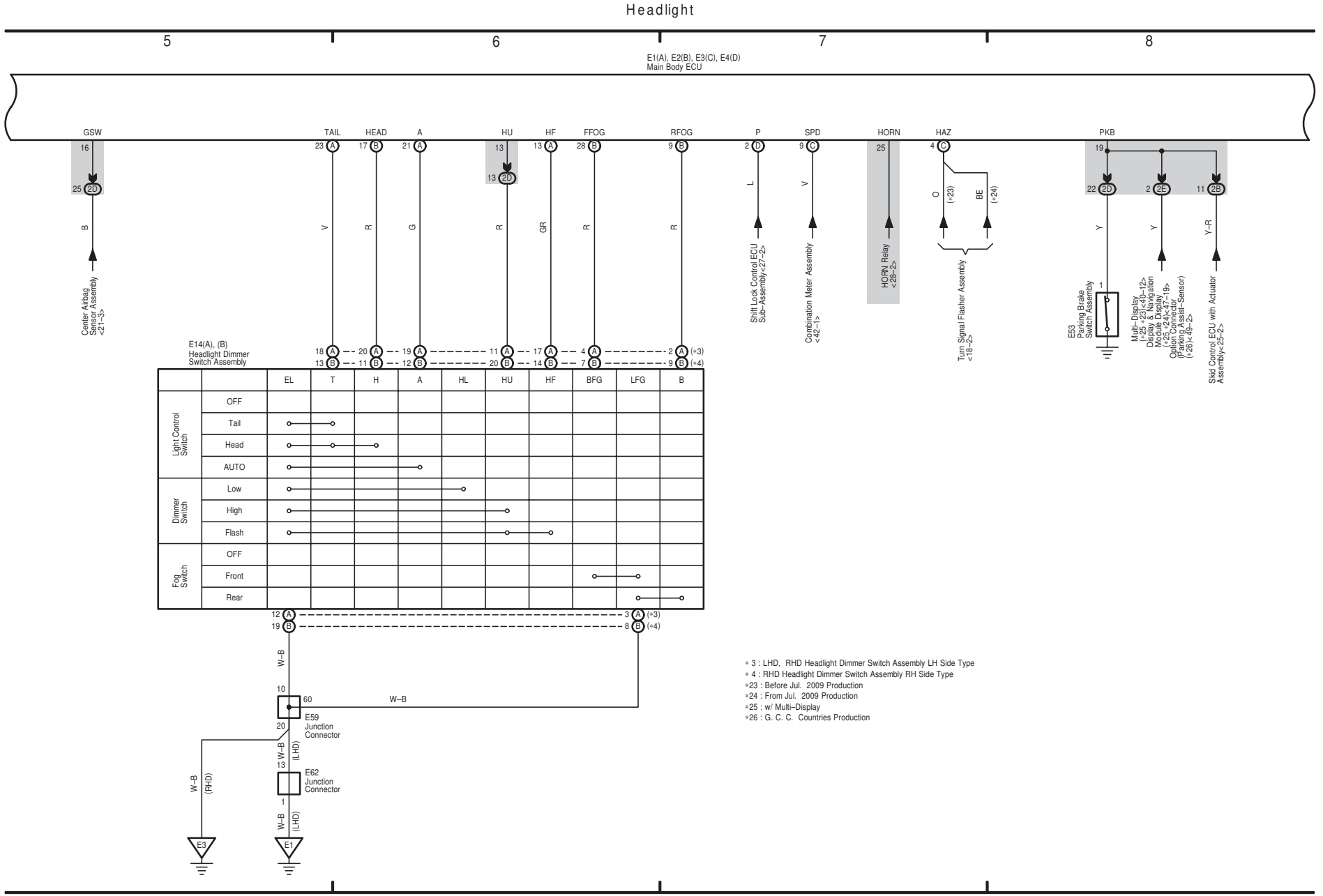

Shift Lock
Remote Control Mirror (w/o Retractor)
1
2
3
4
(IG)
5A
ECU–IG
No. 1
56 2D
(ACC)
7. 5A
ACC
8 2D
GR 48 77 GR 47 37 GR
E61
Junction
Connector
E60
Junction
Connector
9 GE2
GR
4
B
G7
Outer Mirror Switch Assembly
Operation
Switch
Left
Right
Up
Down
Left/
Up
Right/
Down
Select
Switch
Left
Right
Left
Right
MLH
MRH
MLV
MRV
M+
E
9
10
3
2
7
8
G
G
R
R
Y
W–B
14 GE2
13 GE2
16 GE2
15 GE2
18 GE2
1 GE2
E59
Junction
Connector
20
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
W–B
(RHD)
E1
E3
Y
3
14
E61
Junction
Connector
4
Y
G
R
Y
R
G
Y
12 IE4
22 IE4
13 IE4
21 IE4
1 IE4
11 IE4
(LHD)
(RHD)
17 IE1
6 IE1
16 IE1
5 IE1
5 IE1
13 IE1
(LHD)
(RHD)
G
R
Y
R
G
Y
2
3
1
3
2
1
MH
MV
M+
MV
MH
M+
M
M
M
M
I21
Outer Rear View Mirror Assembly LH
I20
Outer Rear View Mirror Assembly RH
Shift Lock
Solenoid
P Detection
SLS+
SLS–
P
E2
IG
12
G
44
E61
Junction
Connector
74
G
42
E60
Junction
Connector
62
G
44
E59
Junction
Connector
24
G
E
STP
P2
3
6
11
E51
Shift Lock
Control ECU
Sub–Assembly
W–B
R
L
20
E60
Junction
Connector
9
W–B
12
E66
Junction
Connector
1
W–B
E2
Stop Light Switch Assembly
<2D–2>
Main Body ECU
<3–7>


Headlight Cleaner
Horn
1
2
3
4
(IG)
5A
ECU–IG
No. 1
17 2B
(BAT)
30A
H–LP
CLN
2
1
R–B
W–G
M
1
2
IG
B
A17
Headlight Cleaner
Control Relay
and Motor
E
H
3
4
LG
37 EA2
LG
6 GE1
LG
8
B
L
G4
Headlight Cleaner
Switch Assembly
5
W–B
A2
Main Body ECU
<3–3>
L
7 GE1
L
(BAT)
10A
HORN
2
HORN Relay
7 1A
8 1A
R–W
B
1 2B
Main Body ECU
<3–7><4–13>
21 2D
GR
8 A
HO
E12(A), z36(B), z37(C)
Spiral Cable
Sub–Assembly
1 B (*1)
2 C (*2)
Horn Switch
z37(C)
Cruise Control Main Switch
z36(B)
Steering Pad Switch
B
B
1
1
A4
High Pitched
Horn Assembly
A5
Low Pitched
Horn Assembly
* 1 : w/ Steering Pad Switch
* 2 : w/o Steering Pad Switch

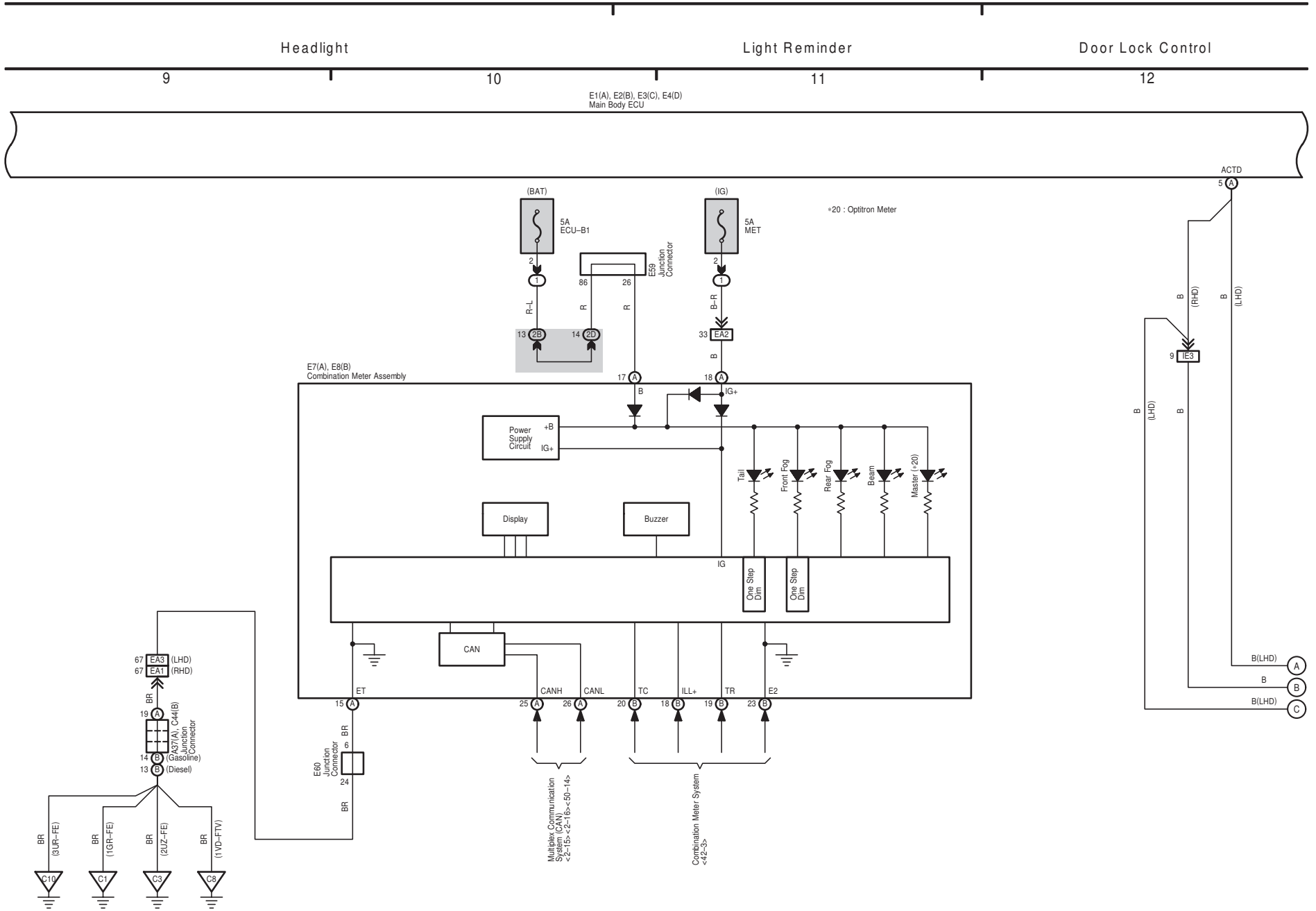

Front Wiper and Washer (w/ Auto Wiper System)
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
1
2
3
4
(IG)
10A ECU–IG No. 2
5A ECU–IG No. 1
20A WSH
30A WIPER
R7 Overhead Module
IG
GND5
IG2
GND2
R11 Rain Sensor
SIG
ES
MPX
A16 Windshield Washer Motor and Pump Assembly
E60 Junction Connector
E61 Junction Connector
E62 Junction Connector
E63 Junction Connector
Multiplex Communication System (CAN)<2–15><50–14>
MPX1
CANH
CANL
IG1
W
WIG
+SM
+1
+2
E83(A), E85(C) Windshield Wiper ECU
ES
2S
1S
SHOT
AUTO
VR1
VR2
E15(A), E16(B) Windshield Wiper Switch Assembly
+B
+S
WF
MIST
OFF
LO
HI
Front Wiper Switch
EW
Off
On
Front Washer Switch
A22(A), (B) Windshield Wiper Motor Assembly
(LHD)
(RHD)
E1
E3
A1
A3


(Cont. next page)
3 LAND CRUISER Station Wagon
Headlight
* 1 : HID Type
* 2 : Except HID Type
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
Multiplex Communication System (CAN)
<2-10><2-14>
<50-12><50-15><50-16>
Radio Receiver Assembly
<40-5><48-5>
Clock Assembly
<36-1>
Stop Light Switch Assembly<20-3>
Headlight Cleaner Switch Assembly
<28-2>
Junction Connector
E62
Relay
HEAD HI
HEAD LO
15A
HEAD LH
HEAD RH
HEAD RL
HEAD LL
7.5A
ACC
10A
ECU-IG
No. 2
40A
MAIN
Headlight Assembly LH
A2(A), A40(B)
Headlight Assembly RH
A11(A), A41(B)
A12
A3
Light Control ECU
High (HID)
High
Low
CANL
CANH
CANP
CANN
ACAN
STP
GND2
DIM
HRLY
IG
ACC
W-B
R-G
R
L
R-B
(BAT)
(ACC)
(IG)

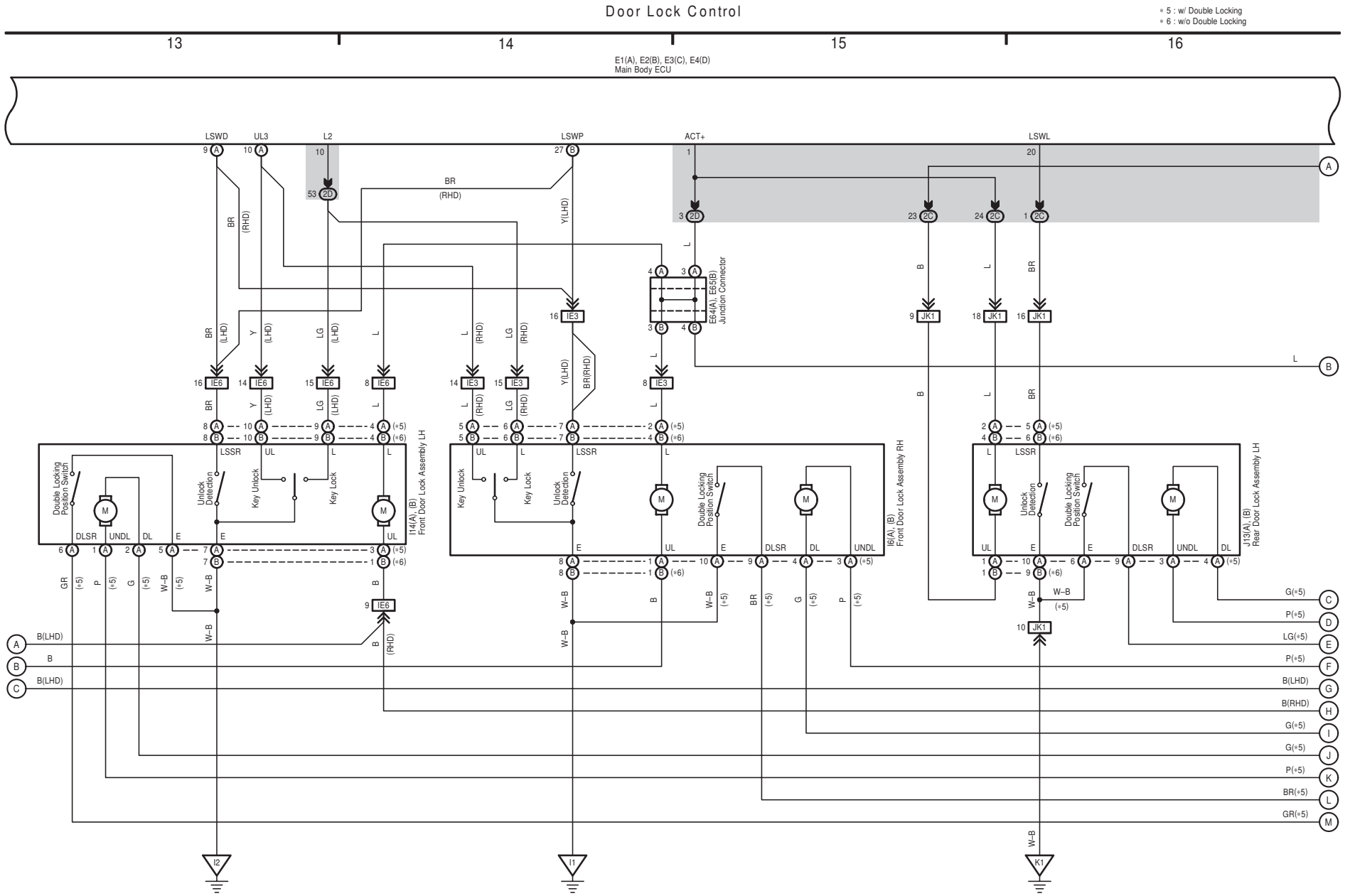
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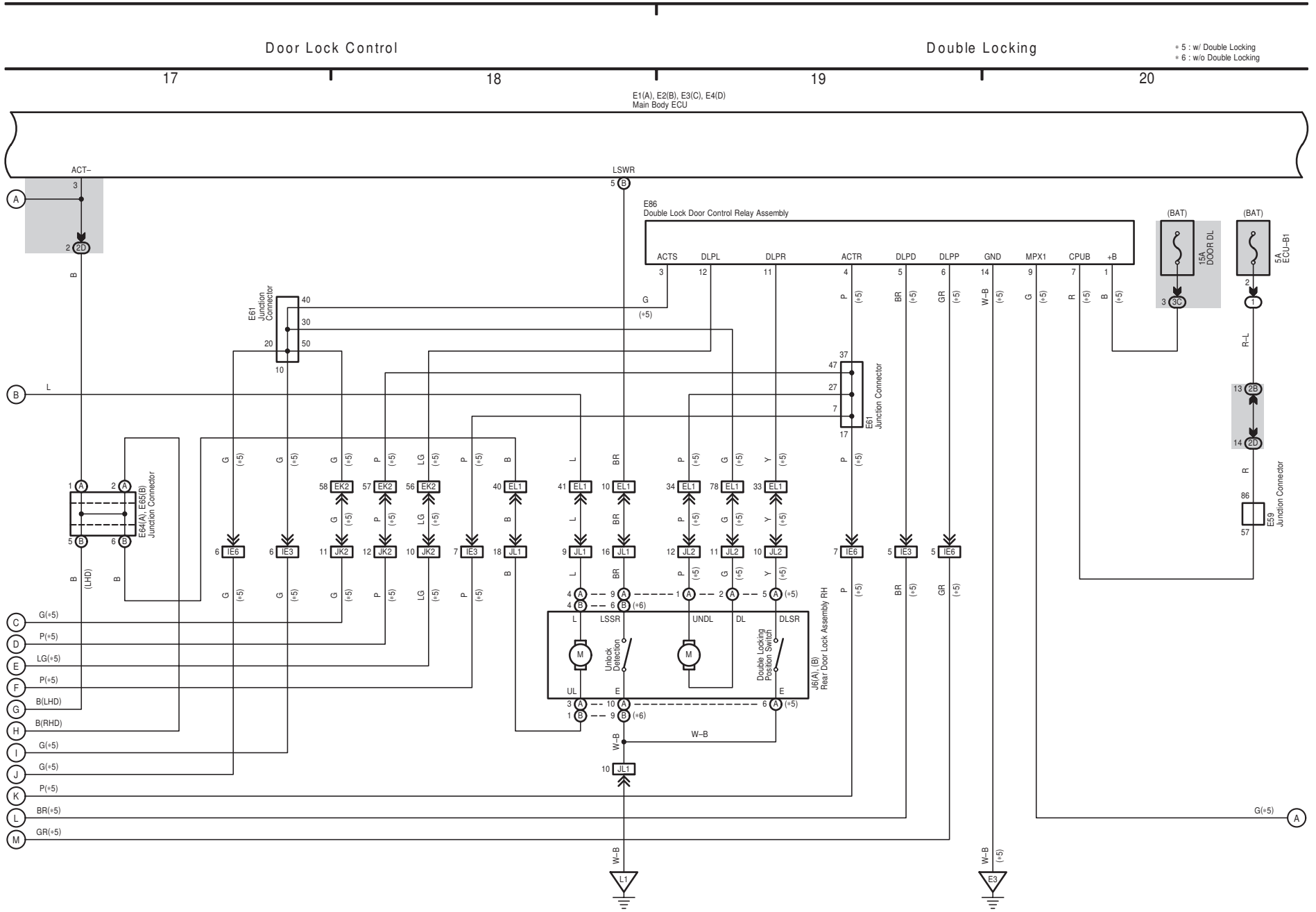
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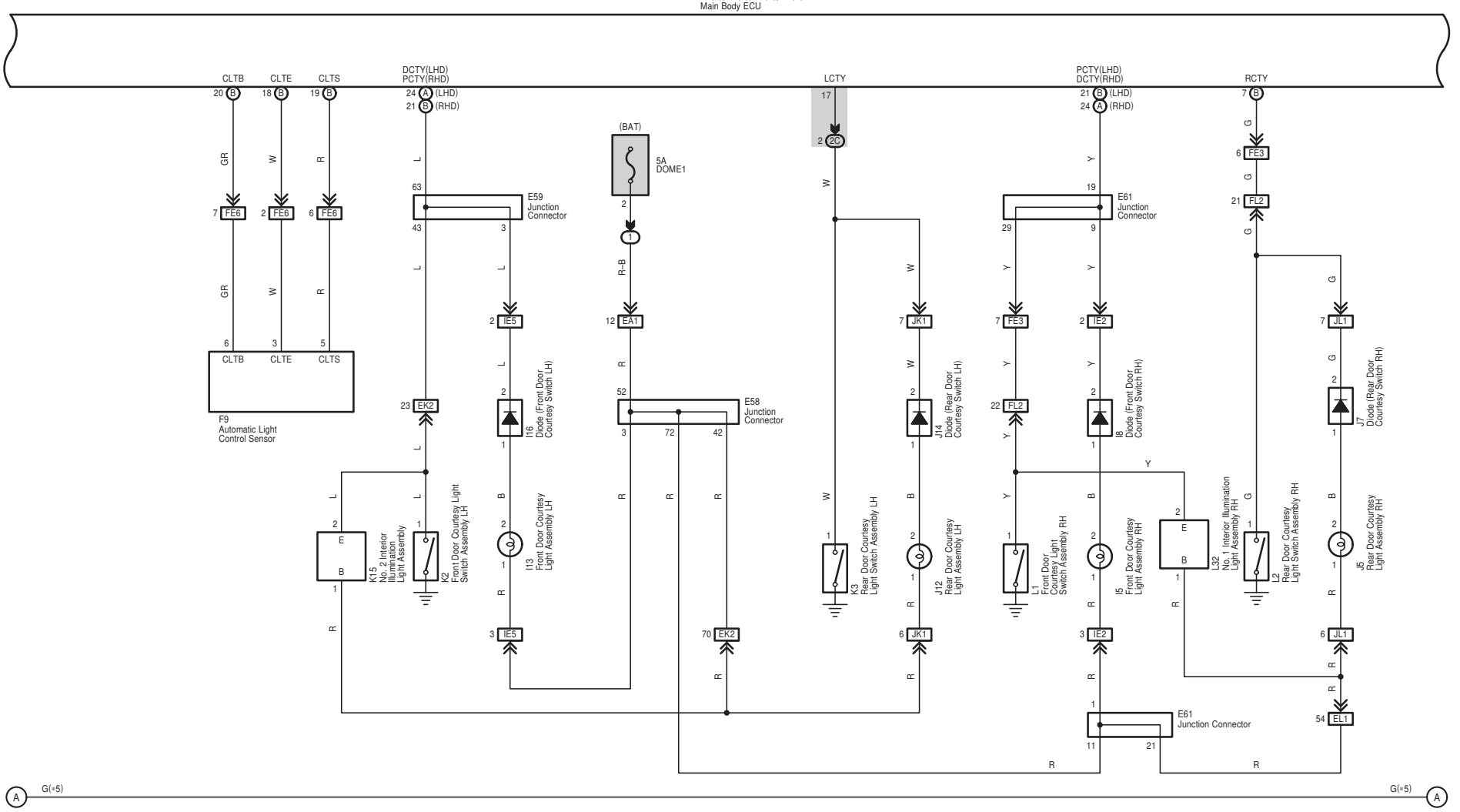
Automatic Light Control and Light Auto Turn Off System

Interior Light

* 5 : w/ Double Locking

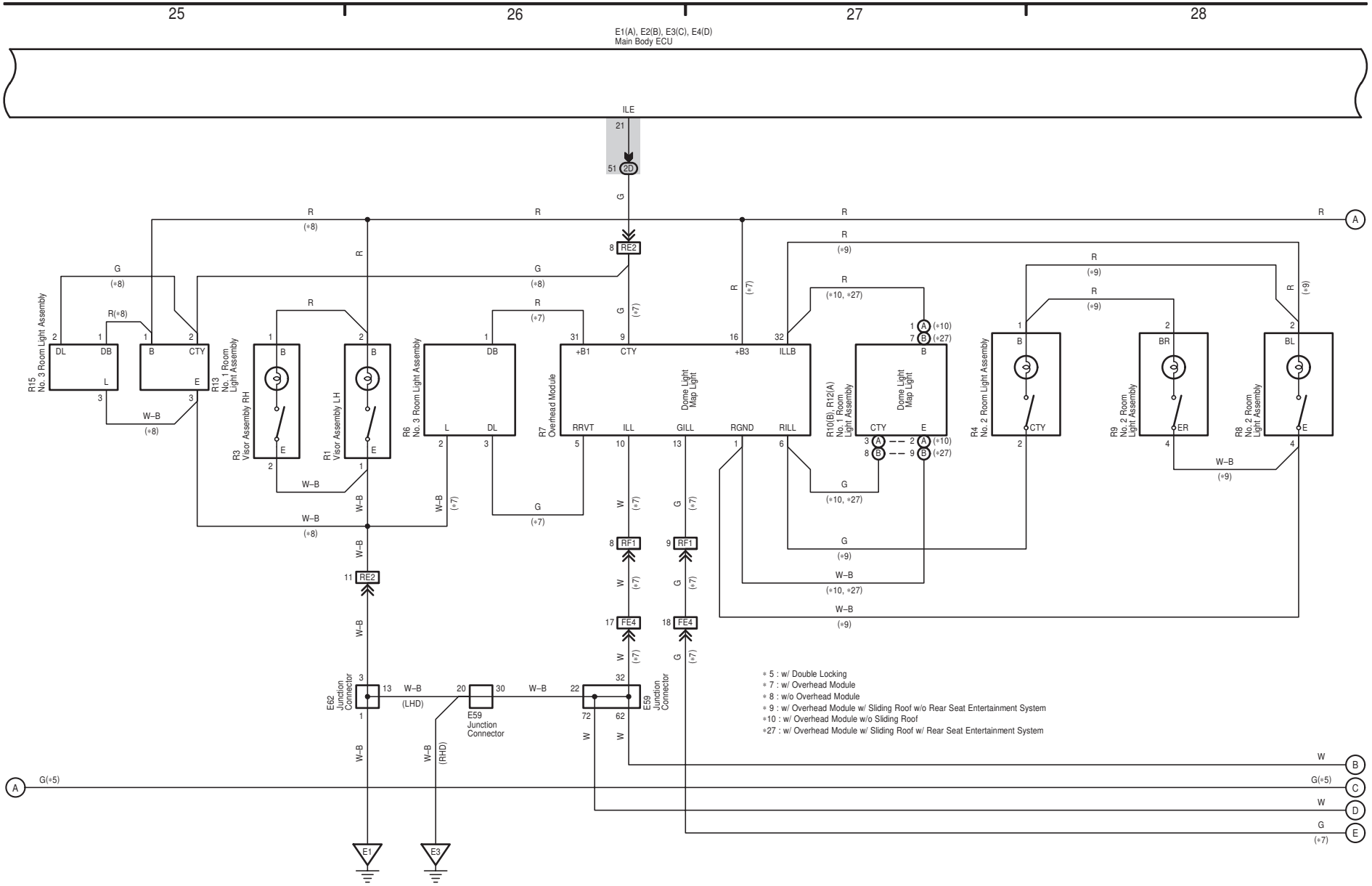
21 22 23 24

E1(A), E2(B), E3(C), E4(D) Main Body ECU



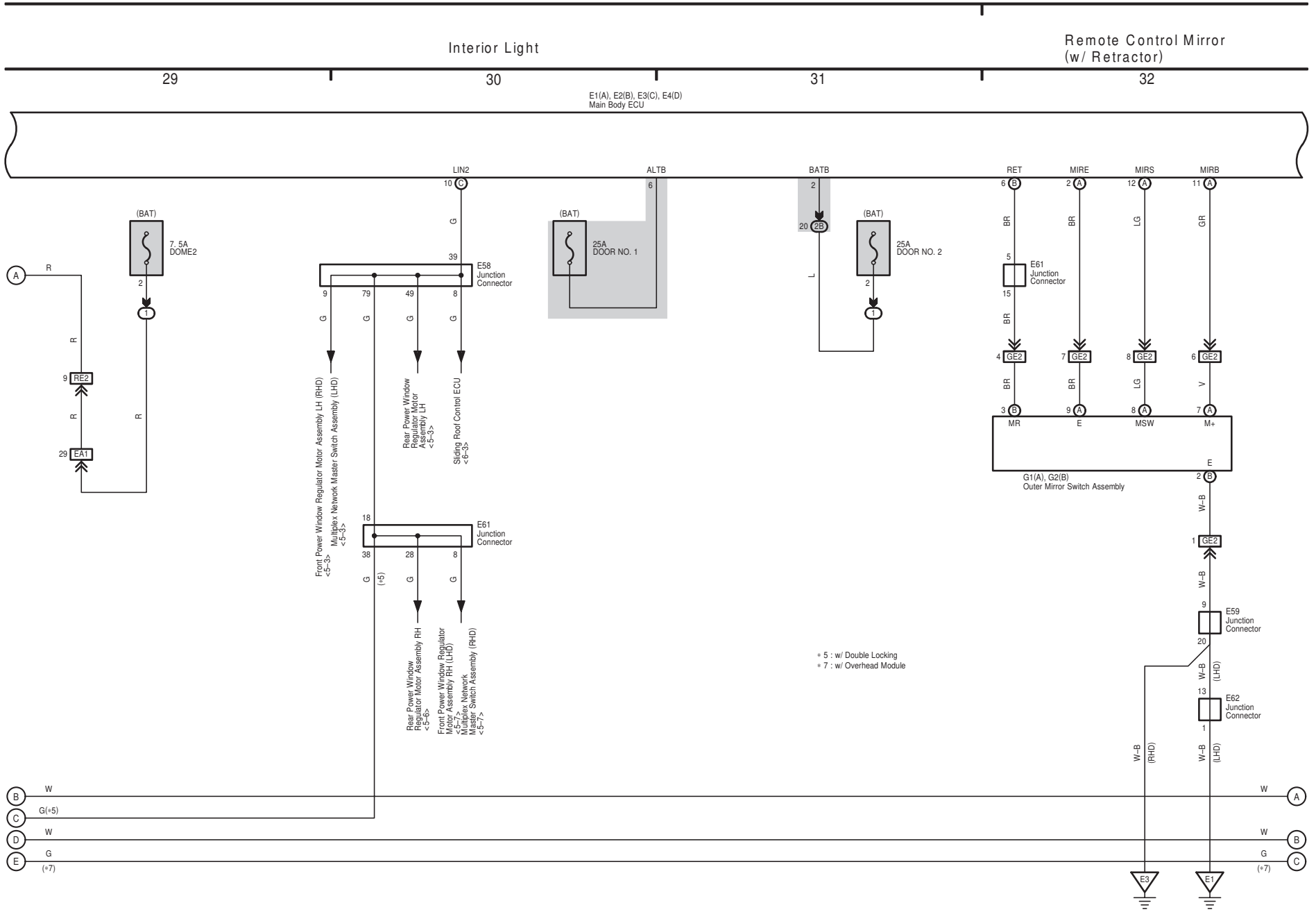
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Interior Light



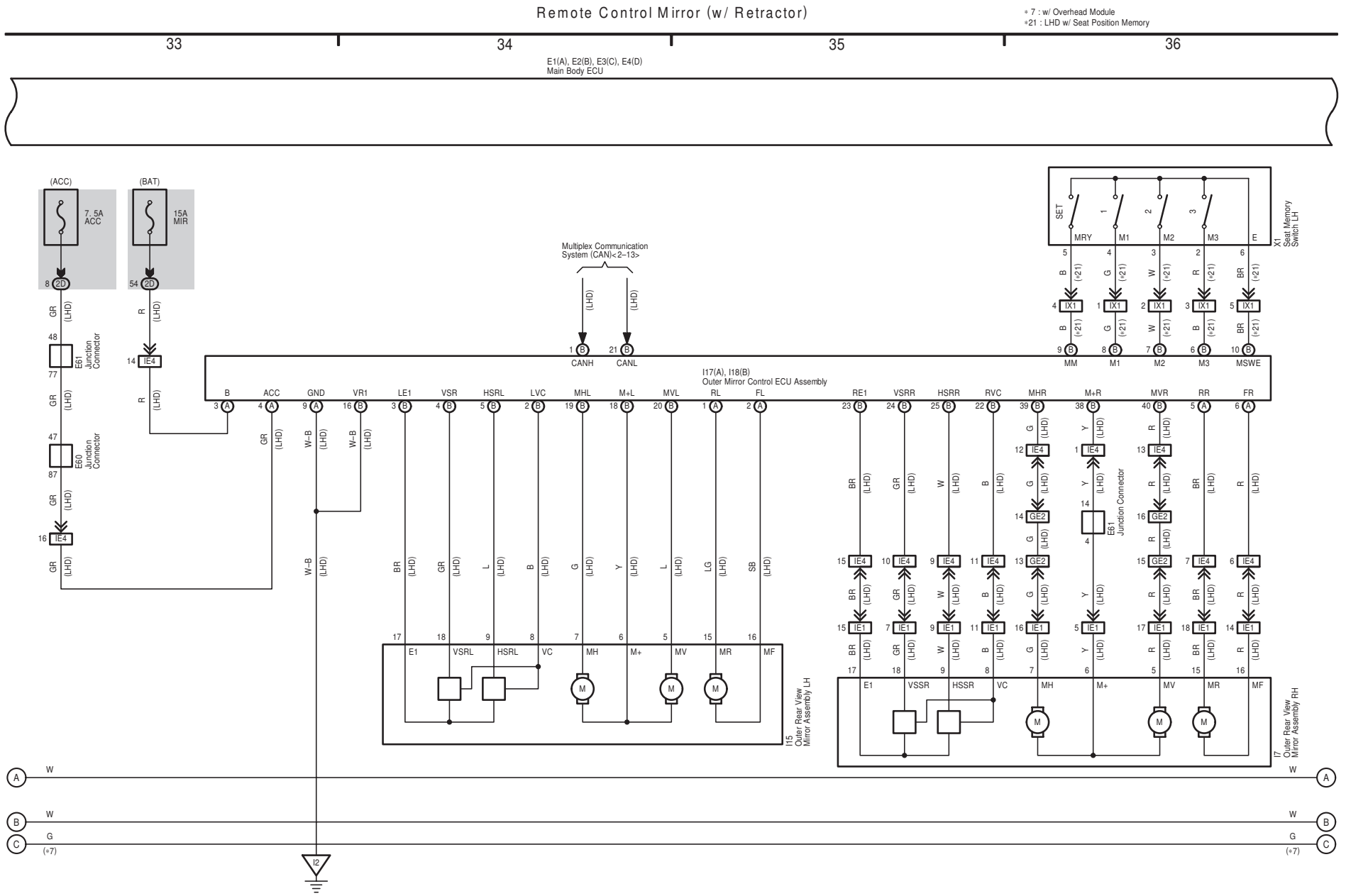
3 LAND CRUISER Station Wagon (Cont' d)

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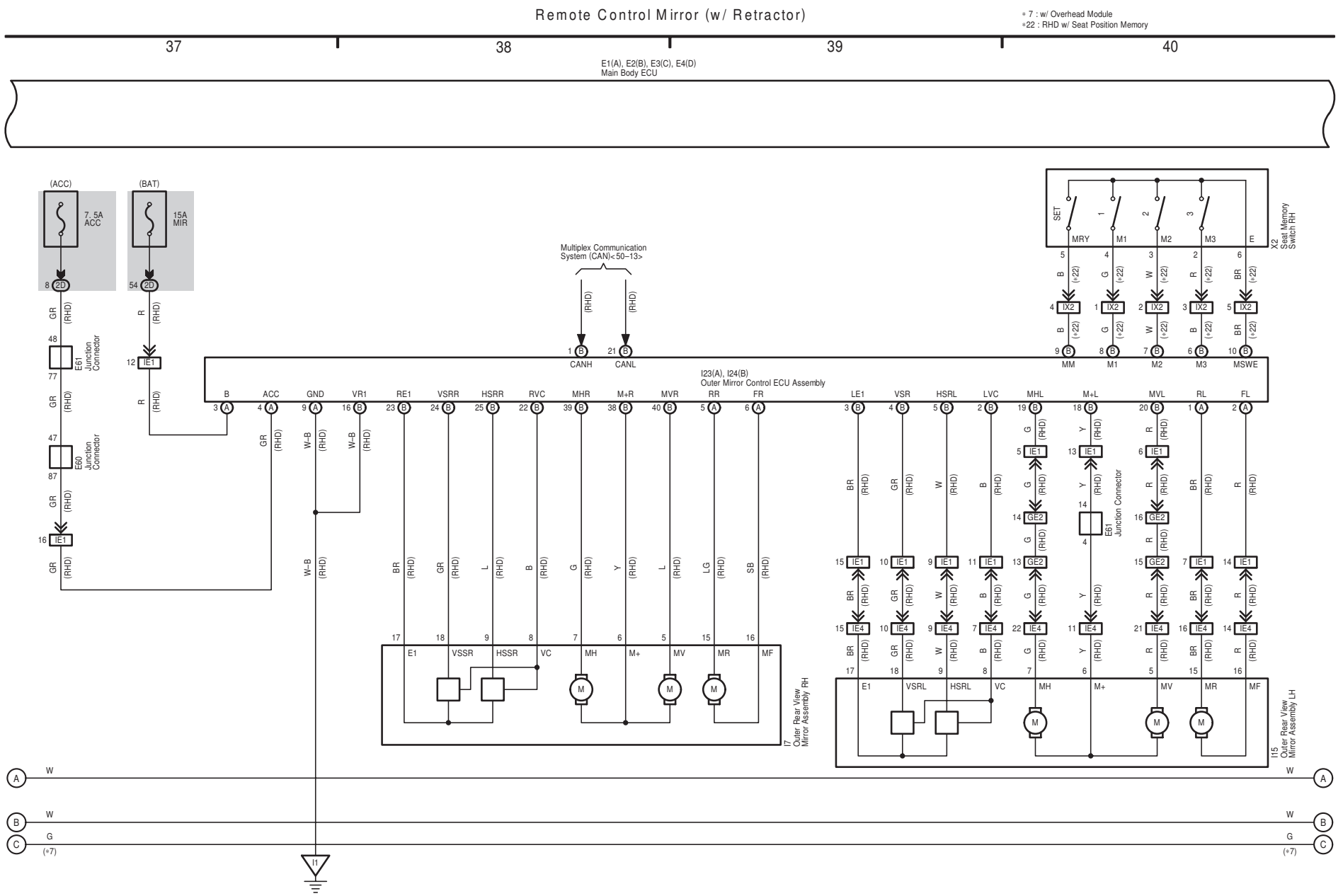


M

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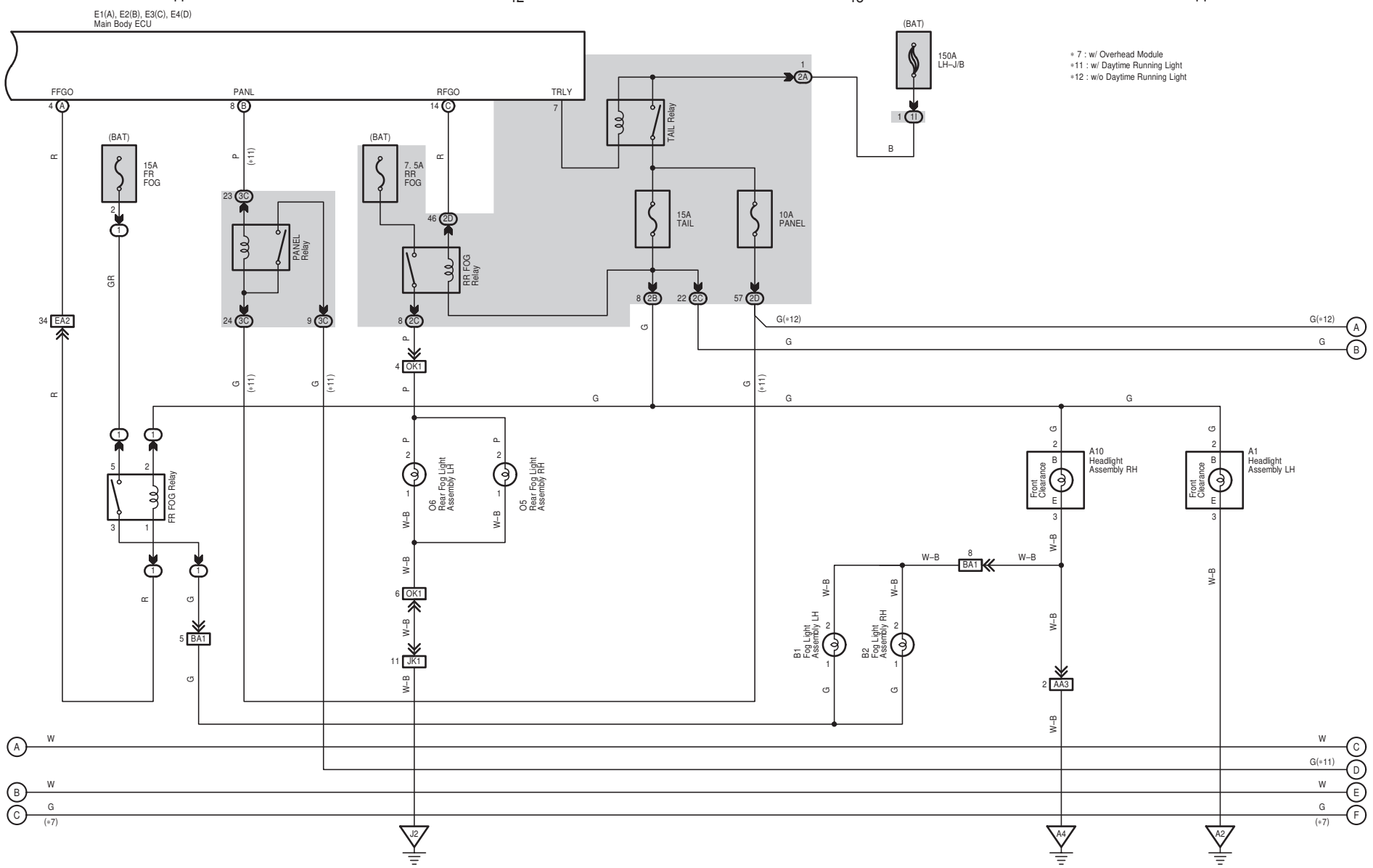


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3 LAND CRUISER Station Wagon (Cont' d)

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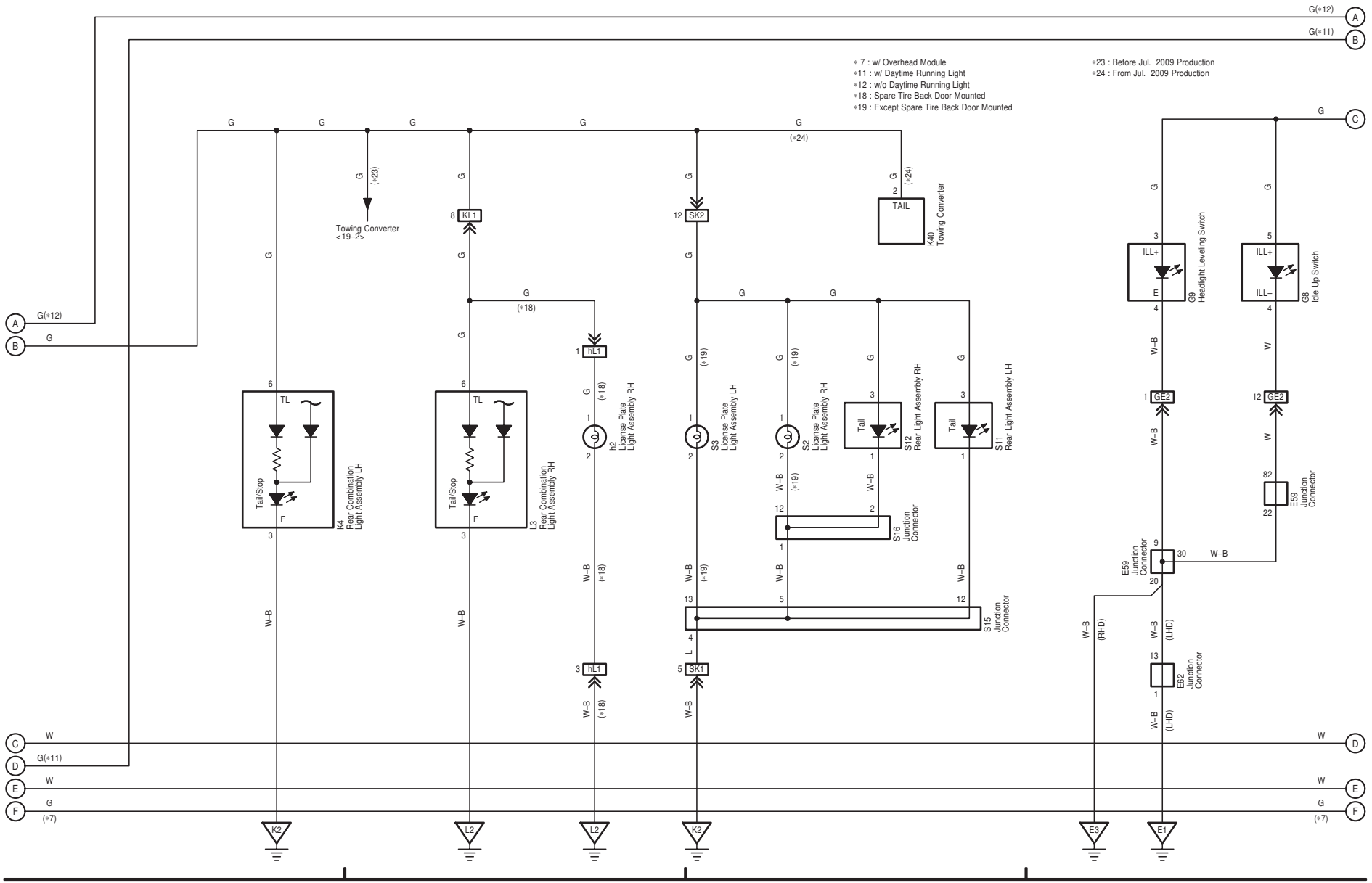


3 LAND CRUISER Station Wagon (Cont' d)

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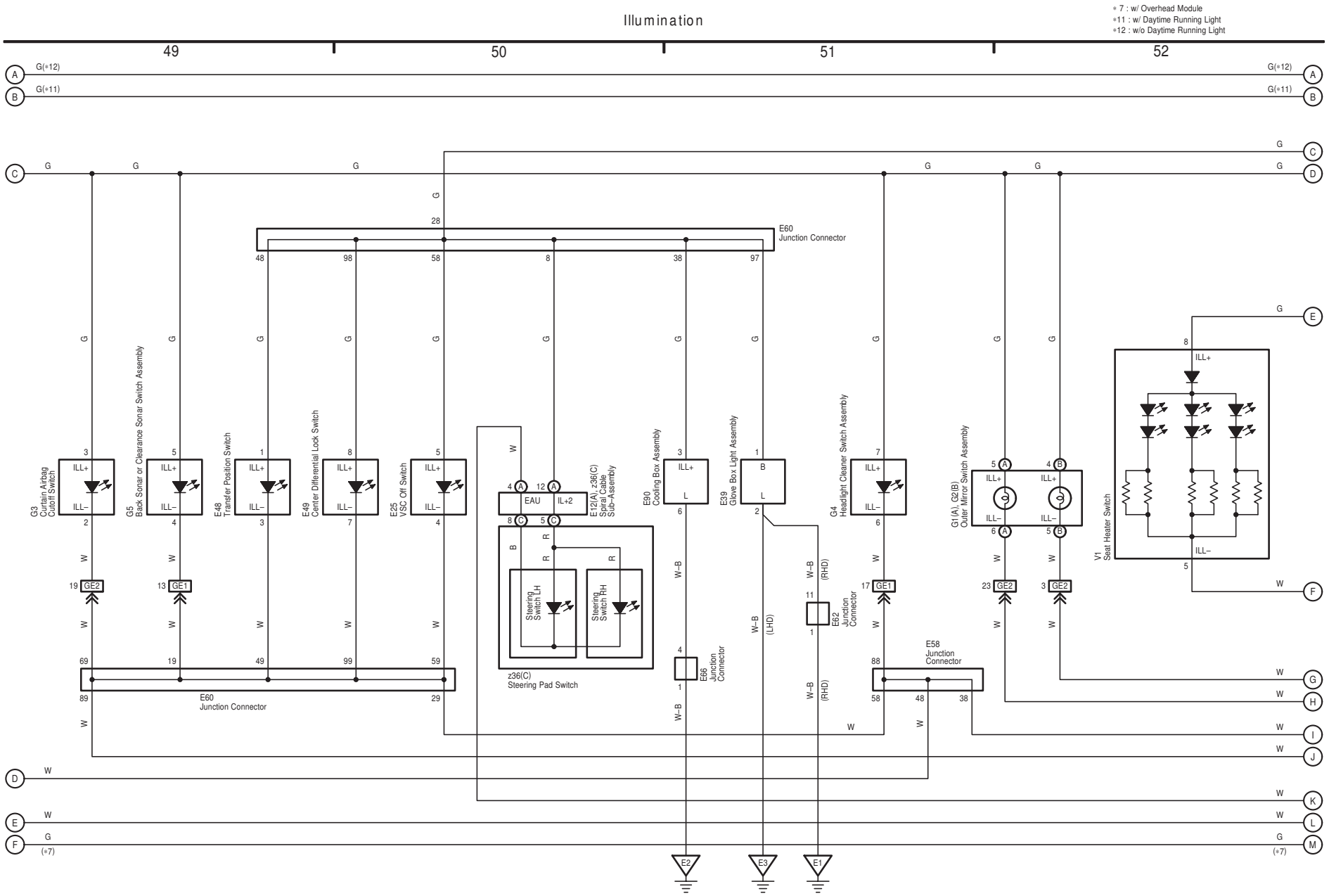
Taillight | Trailer Towing (From Jul. 2009 Production) | Illumination

45 | 46 | 47 | 48

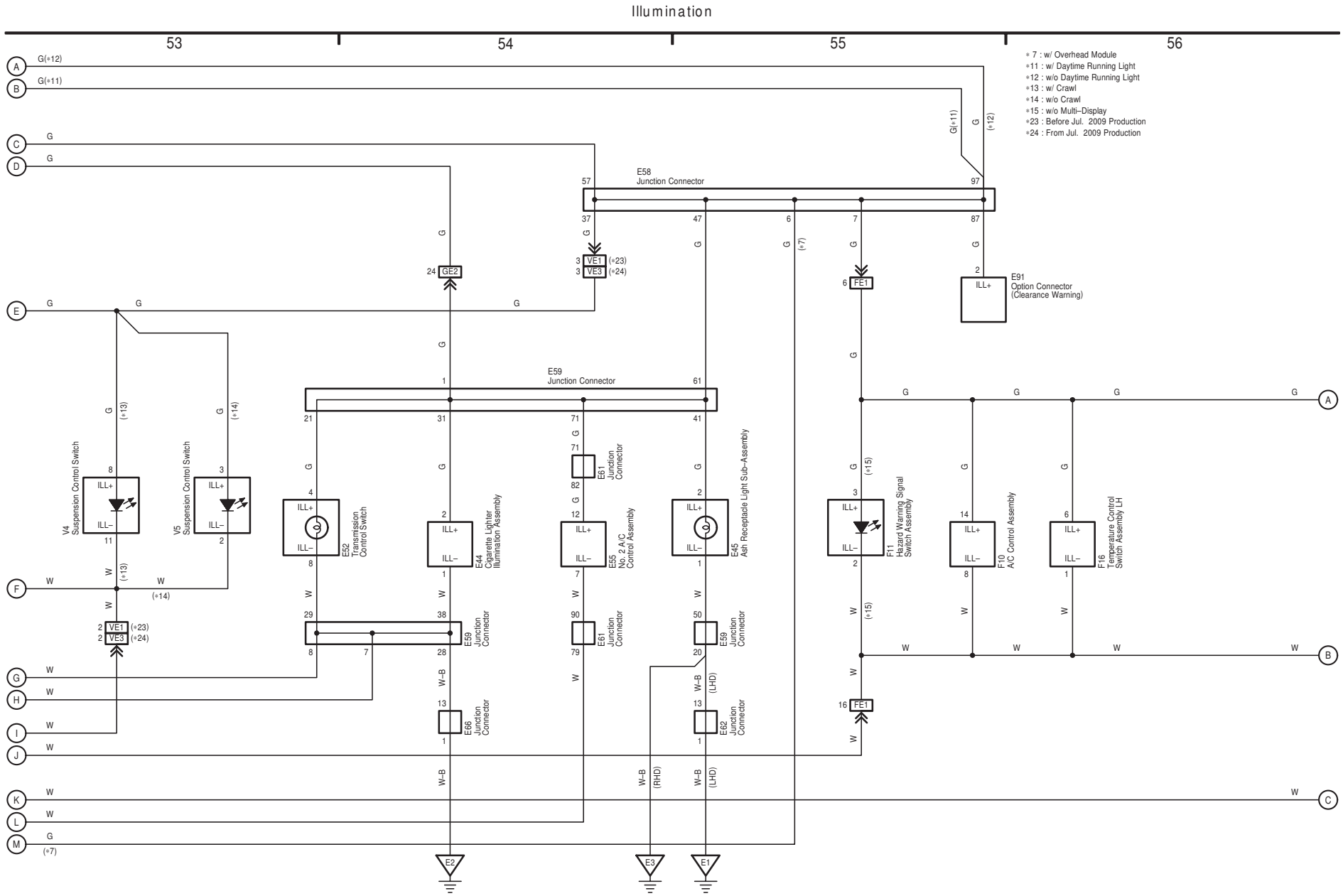


M

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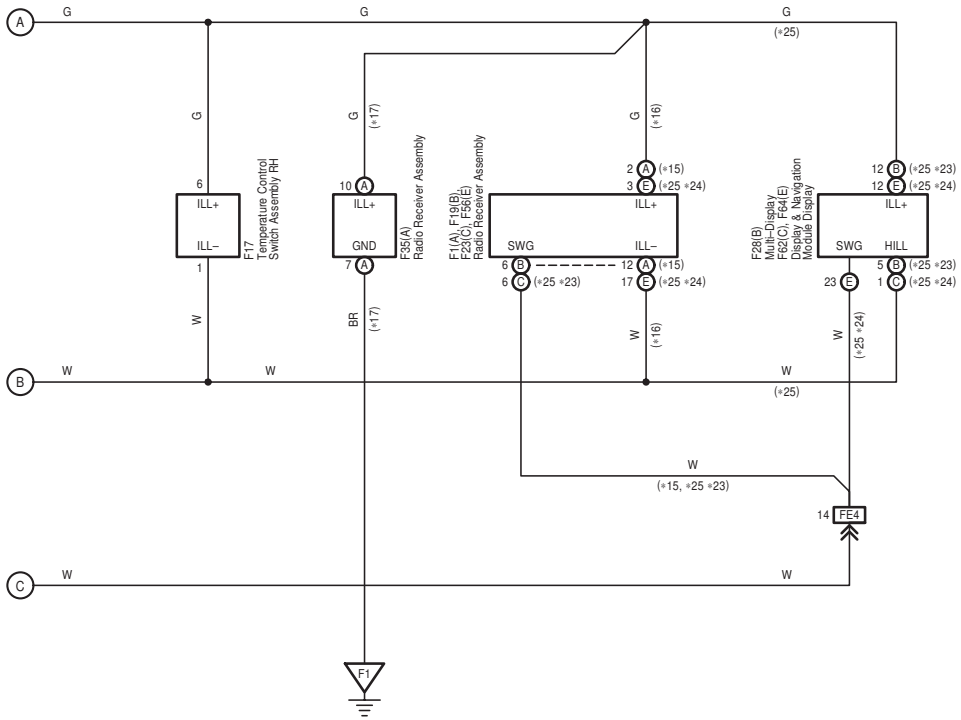
M

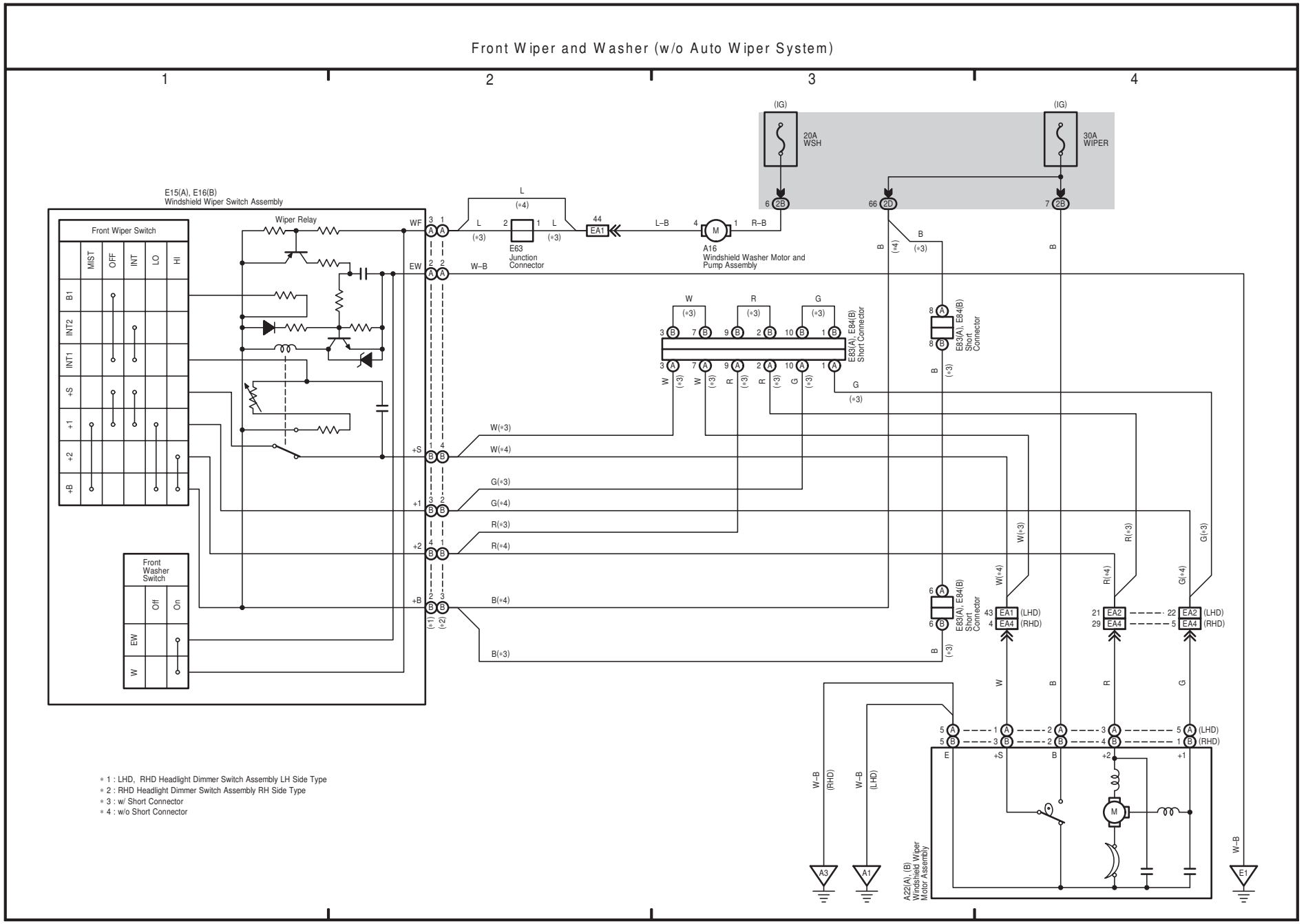
3 LAND CRUISER Station Wagon (Cont' d)

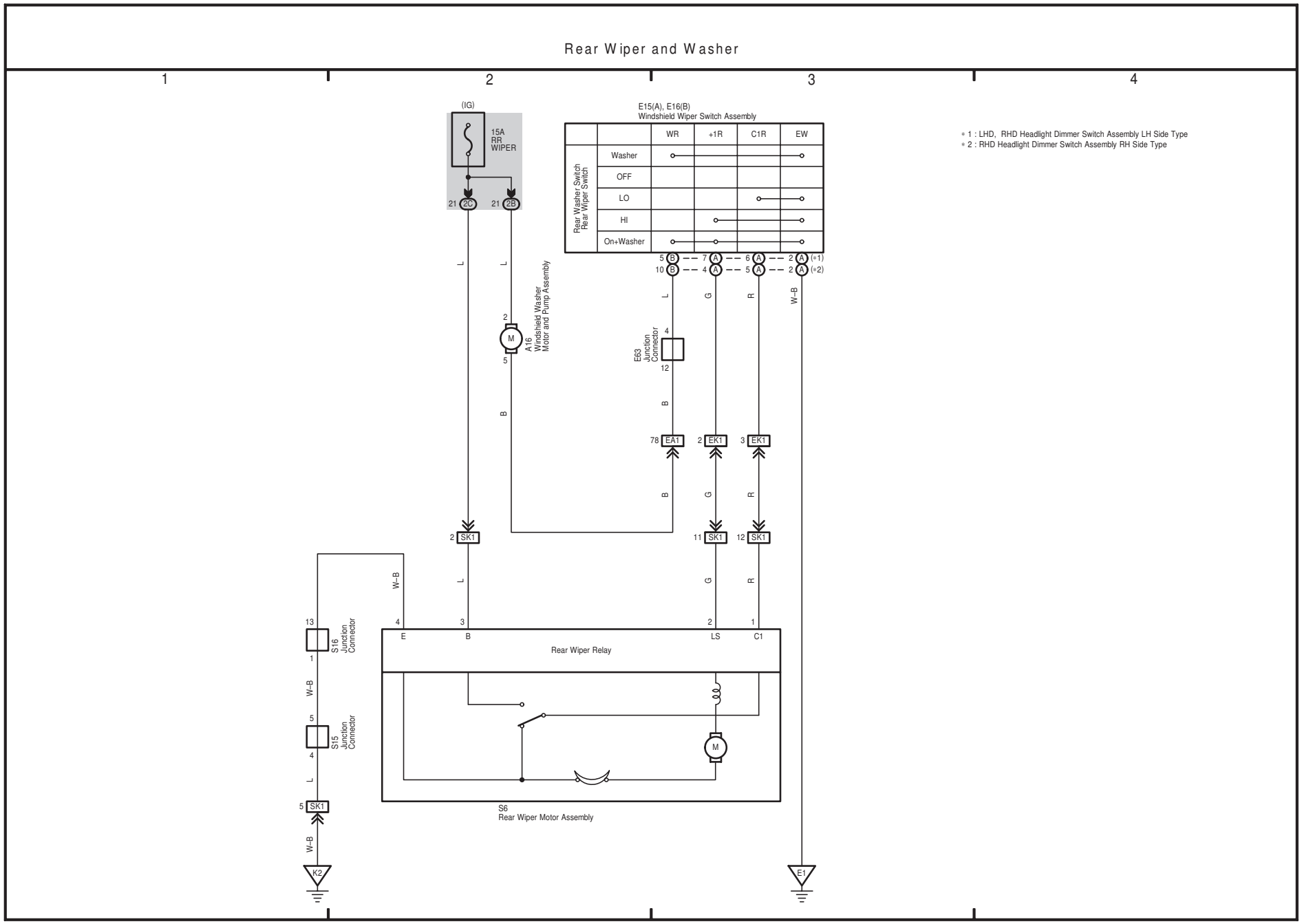
Illumination

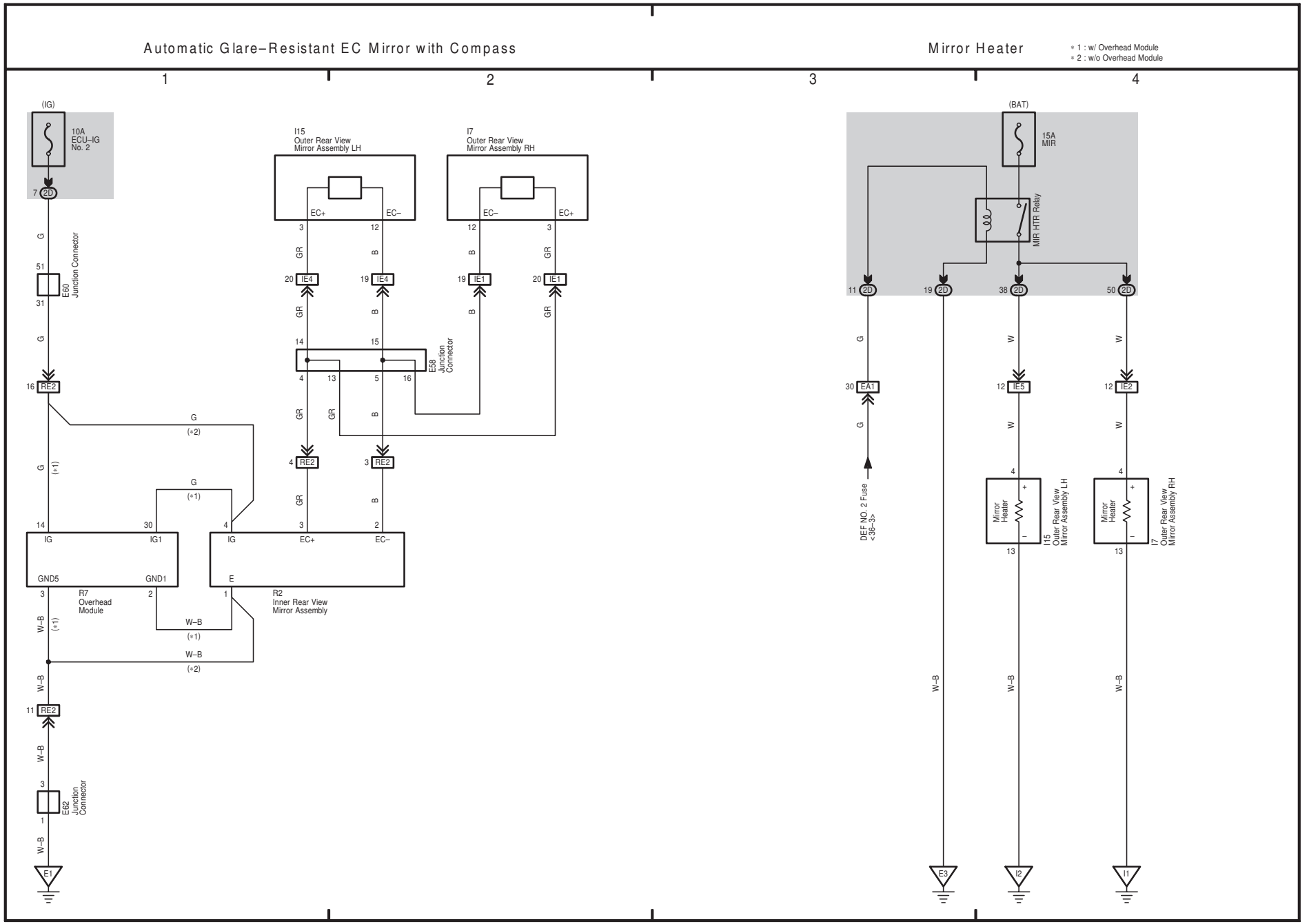
57	58	59	60

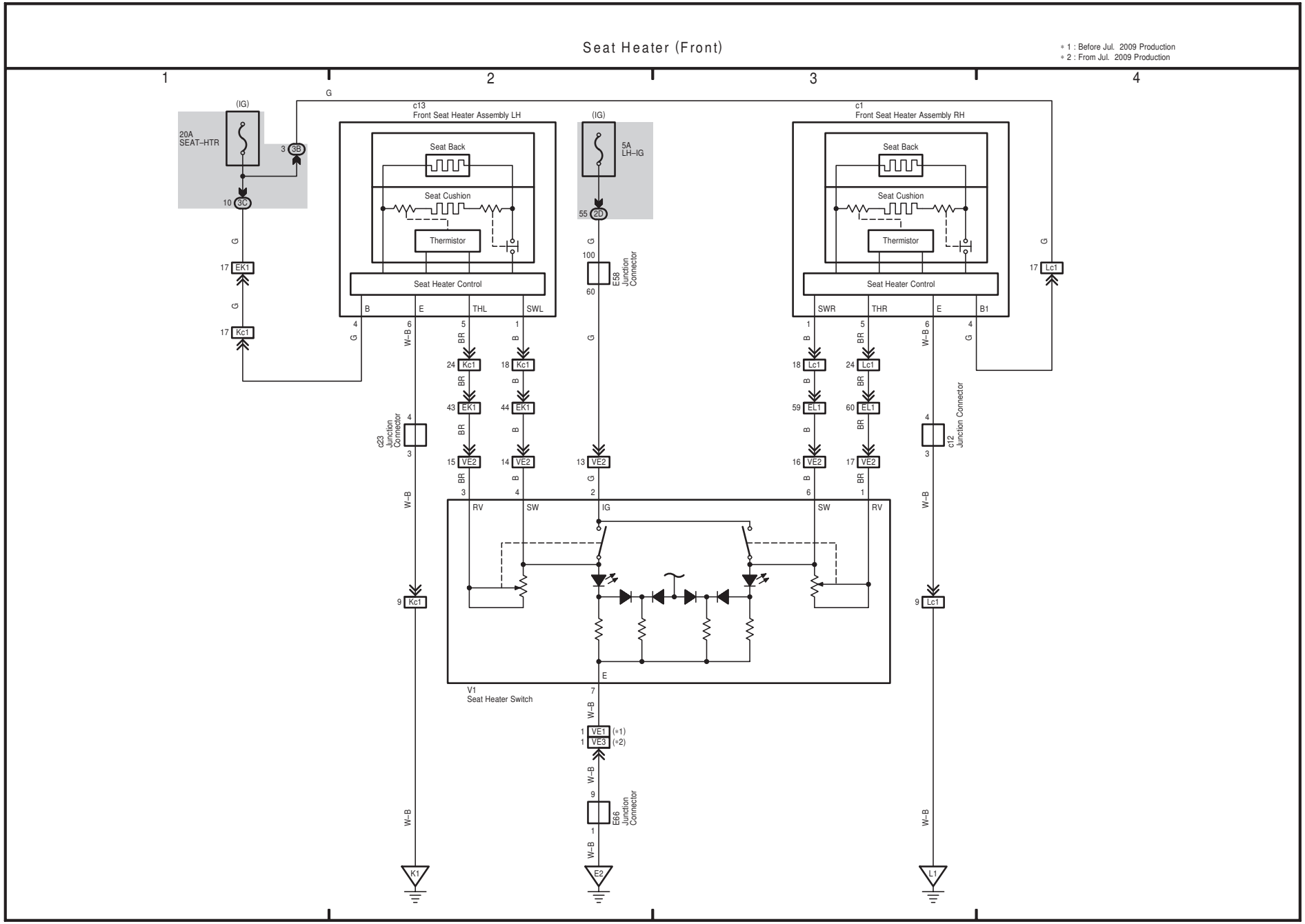
*15 : w/o Multi–Display
*16 : w/ Stereo Component Amplifier
*17 : w/o Stereo Component Amplifier
*23 : Before Jul. 2009 Production
*24 : From Jul. 2009 Production
*25 : w/ Multi–Display

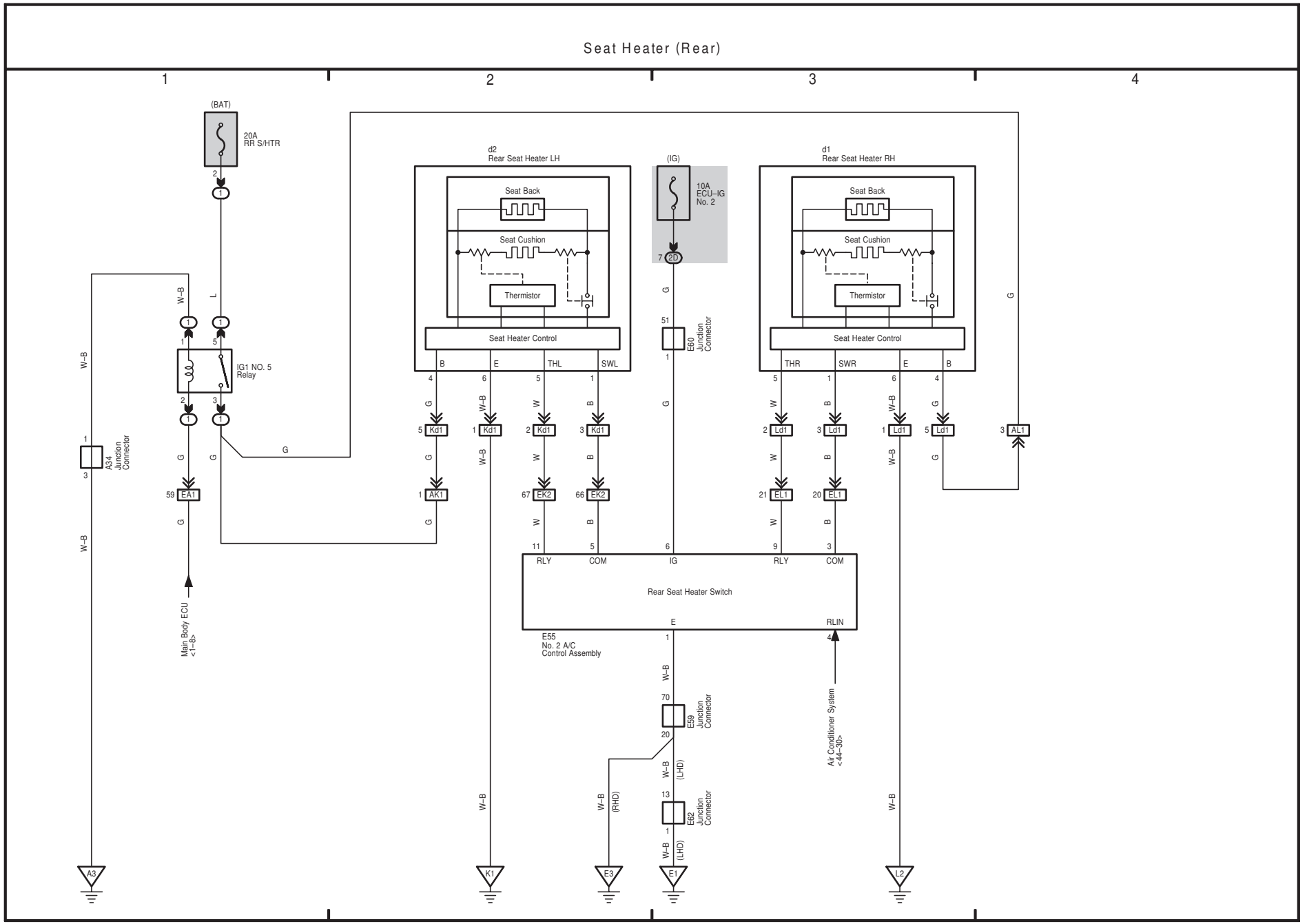


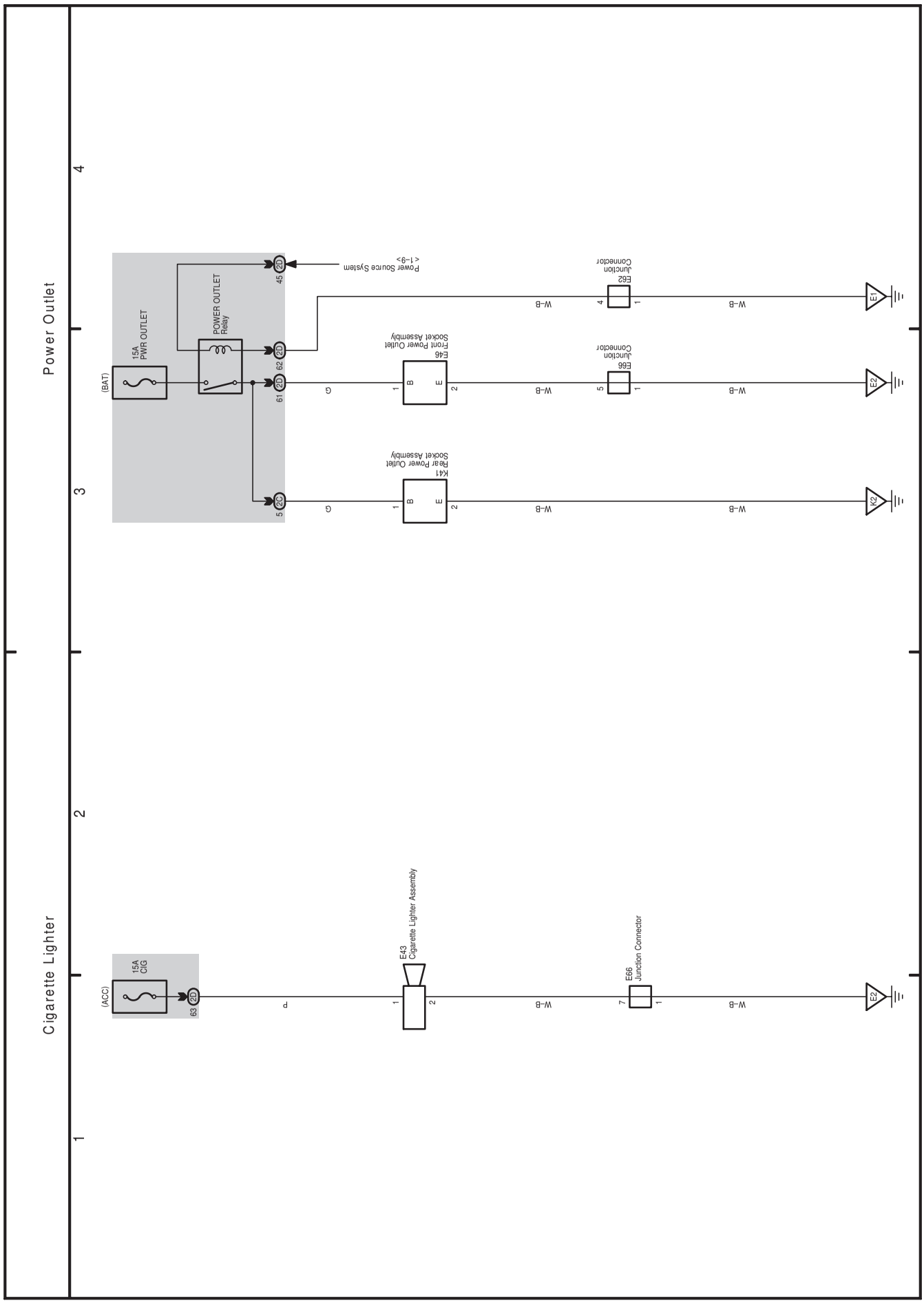

Front Wiper and Washer (w/o Auto Wiper System)
1
2
3
4
(IG)
20A WSH
(IG)
30A WIPER
E15(A), E16(B) Windshield Wiper Switch Assembly
Front Wiper Switch
MIST
OFF
INT
LO
HI
B1
INT2
INT1
+S
+1
+2
+B
Wiper Relay
Front Washer Switch
Off
On
EW
W
WF
EW
+S
+1
+2
+B
E63 Junction Connector
A16 Windshield Washer Motor and Pump Assembly
E83(A), E84(B) Short Connector
W(*3)
W(*4)
G(*3)
G(*4)
R(*3)
R(*4)
B(*4)
B(*3)
W–B
L–B
R–B
(LHD)
(RHD)
A22(A), (B) Windshield Wiper Motor Assembly
A3
A1
E1
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : w/ Short Connector
* 4 : w/o Short Connector

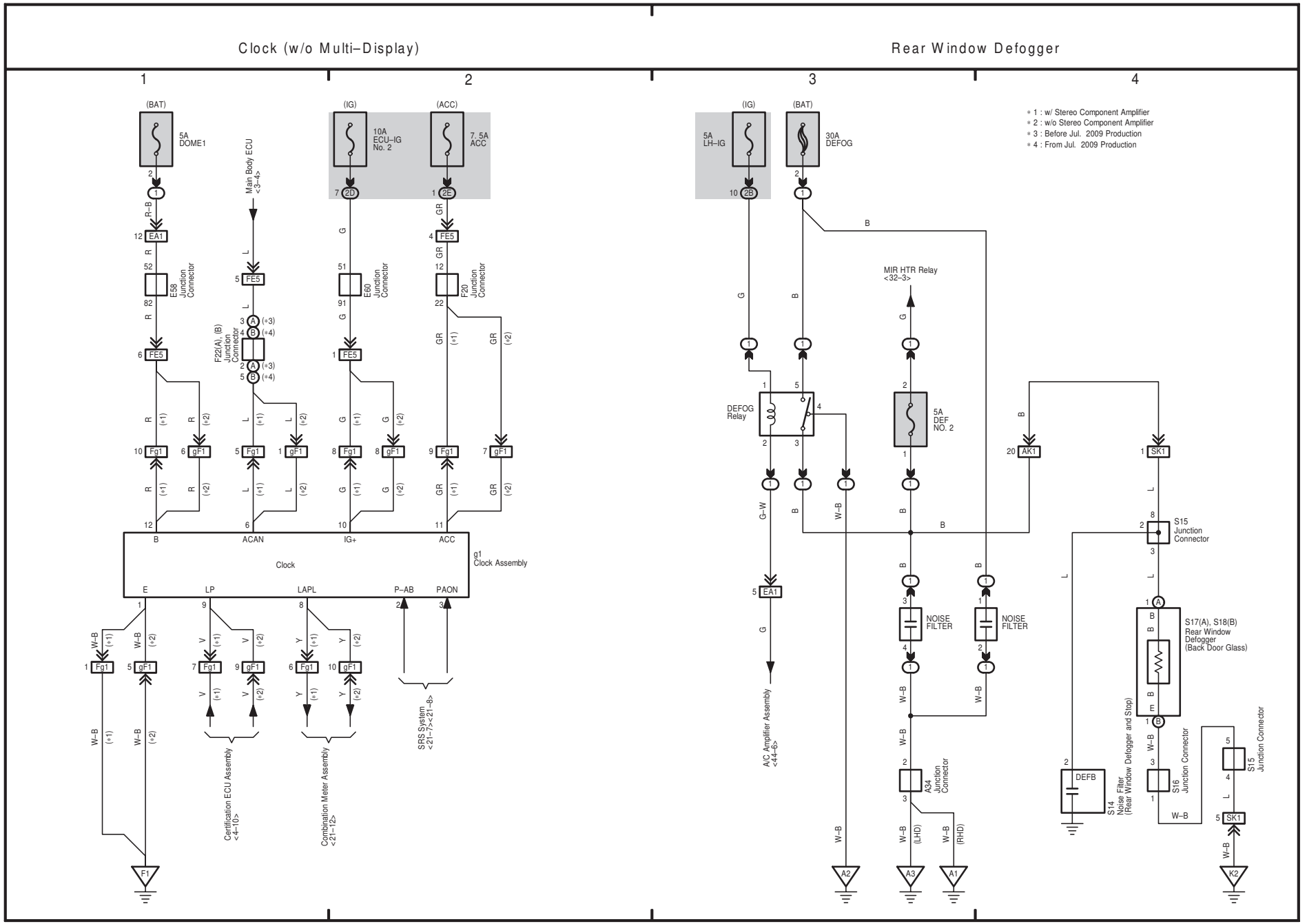

Rear Wiper and Washer
1
2
3
4
(IG)
15A
RR
WIPER
21 2C
21 2B
E15(A), E16(B)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO
HI
On+Washer
5 B
10 B
7 A
4 A
6 A
5 A
2 A (*1)
2 A (*2)
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
A16
Windshield Washer
Motor and Pump Assembly
E63
Junction
Connector
78 EA1
2 EK1
3 EK1
2 SK1
11 SK1
12 SK1
13
S16
Junction
Connector
1
5
S15
Junction
Connector
4
5 SK1
4
3
2
1
E
B
LS
C1
Rear Wiper Relay
S6
Rear Wiper Motor Assembly
K2
E1
W–B
L
G
R
B


Automatic Glare–Resistant EC Mirror with Compass
Mirror Heater
* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
1
2
3
4
(IG)
10A
ECU–IG
No. 2
7 2D
G
51
E60
Junction Connector
31
G
16 RE2
G
(*2)
G
(*1)
G
(*1)
14
IG
30
IG1
GND5
3
R7
Overhead
Module
GND1
2
W–B
(*1)
W–B
(*1)
W–B
(*2)
W–B
11 RE2
W–B
3
E62
Junction
Connector
1
W–B
E1
I15
Outer Rear View
Mirror Assembly LH
EC+
EC–
3
12
GR
B
20 IE4
19 IE4
GR
B
14
15
E58
Junction
Connector
4
13
5
16
GR
GR
B
4 RE2
3 RE2
GR
B
4
IG
3
EC+
2
EC–
E
1
R2
Inner Rear View
Mirror Assembly
I7
Outer Rear View
Mirror Assembly RH
EC–
EC+
12
3
B
GR
19 IE1
20 IE1
B
GR
(BAT)
15A
MIR
MIR HTR Relay
11 2D
19 2D
38 2D
50 2D
G
30 EA1
G
DEF NO. 2 Fuse
<3B–3>
W
12 IE5
W
4
Mirror
Heater
13
I15
Outer Rear View
Mirror Assembly LH
W
12 IE2
W
4
Mirror
Heater
13
I7
Outer Rear View
Mirror Assembly RH
W–B
W–B
W–B
E3
I2
I1


Seat Heater (Front)
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
1
2
3
4
(IG)
20A
SEAT–HTR
3
3B
10
3C
G
17
EK1
17
Kc1
c13
Front Seat Heater Assembly LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
4
6
5
1
W–B
G
BR
B
24
Kc1
18
Kc1
43
EK1
44
EK1
c23
Junction
Connector
4
3
15
VE2
14
VE2
3
4
BR
B
W–B
9
Kc1
W–B
K1
(IG)
5A
LH–IG
55
2D
G
100
E58
Junction
Connector
60
G
13
VE2
2
G
RV
SW
IG
E
V1
Seat Heater Switch
7
W–B
1
VE1
(*1)
1
VE3
(*2)
W–B
9
E56
Junction
Connector
1
W–B
E2
c1
Front Seat Heater Assembly RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
SWR
THR
E
B1
1
5
6
4
B
BR
W–B
G
18
Lc1
24
Lc1
59
EL1
60
EL1
B
BR
16
VE2
17
VE2
6
1
B
BR
SW
RV
17
Lc1
G
4
c12
Junction Connector
3
W–B
9
Lc1
W–B
L1

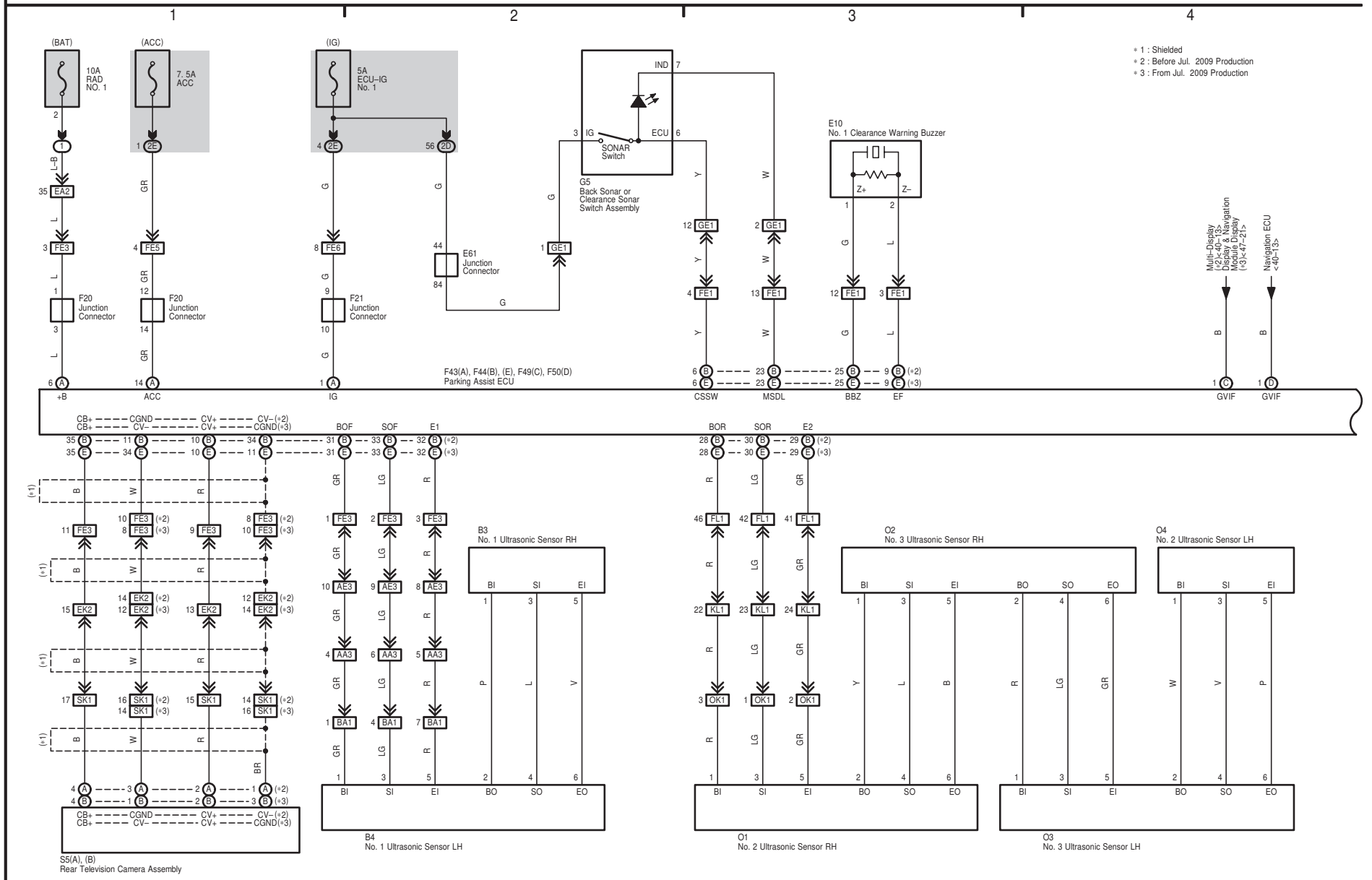

Seat Heater (Rear)
1
2
3
4
(BAT)
20A
RR S/HTR
2
1
W–B
L
1
5
IG1 NO. 5
Relay
2
3
1
1
G
G
W–B
1
A34
Junction
Connector
3
59
EA1
G
W–B
Main Body ECU
<1–8>
G
1
AK1
G
d2
Rear Seat Heater LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
4
6
5
1
G
W–B
W
B
5
Kd1
1
Kd1
2
Kd1
3
Kd1
G
W–B
W
B
W–B
67
EK2
66
EK2
11
5
RLY
COM
(IG)
10A
ECU–IG
No. 2
7
2D
G
51
E60
Junction
Connector
1
G
6
IG
d1
Rear Seat Heater RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
THR
SWR
E
B
5
1
6
4
W
B
W–B
G
2
Ld1
3
Ld1
1
Ld1
5
Ld1
W
B
W–B
21
EL1
20
EL1
9
3
RLY
COM
G
3
AL1
Rear Seat Heater Switch
E
RLIN
E55
No. 2 A/C
Control Assembly
1
4
W–B
70
E59
Junction
Connector
20
W–B
(LHD)
13
E62
Junction
Connector
1
W–B
(LHD)
W–B
(RHD)
Air Conditioner System
<44–30>
W–B
A3
K1
E3
E1
L2


35 LAND CRUISER Station Wagon
Power Outlet
Cigarette Lighter
1
2
3
4
(BAT)
15A
PWR OUTLET
POWER OUTLET
Relay
<1–9>
Power Source System
45
62
61
5
2D
Front Power Outlet
Socket Assembly
Rear Power Outlet
Socket Assembly
Junction
Connector
E62
E66
K41
G
W-B
E1
E2
K2
(ACC)
15A
CIG
63
P
E43
Cigarette Lighter Assembly
E66
Junction Connector

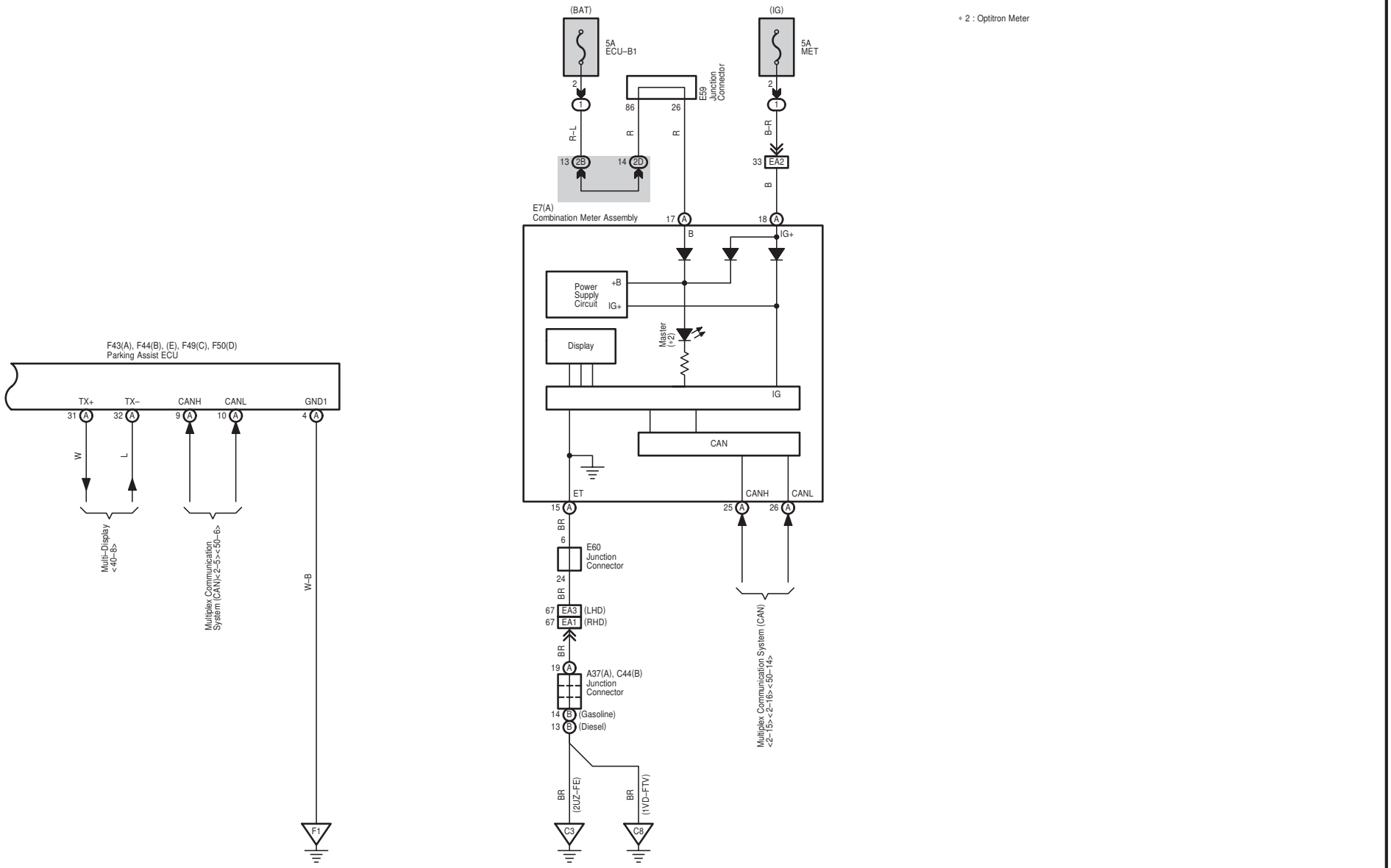

Clock (w/o Multi–Display)
Rear Window Defogger
1
2
3
4
* 1 : w/ Stereo Component Amplifier
* 2 : w/o Stereo Component Amplifier
* 3 : Before Jul. 2009 Production
* 4 : From Jul. 2009 Production
(BAT)
5A DOME1
(IG)
10A ECU–IG No. 2
(ACC)
7. 5A ACC
Main Body ECU <3–4>
E58 Junction Connector
E60 Junction Connector
F20 Junction Connector
F22(A), (B) Junction Connector
Clock
g1 Clock Assembly
B
ACAN
IG+
ACC
E
LP
LAPL
P–AB
PAON
Certification ECU Assembly <4–10>
Combination Meter Assembly <21–12>
SRS System <21–7><21–8>
F1
5A LH–IG
30A DEFOG
DEFOG Relay
MIR HTR Relay <32–3>
5A DEF NO. 2
NOISE FILTER
A/C Amplifier Assembly <44–6>
A34 Junction Connector
(LHD)
(RHD)
A2
A3
A1
S15 Junction Connector
S17(A), S18(B) Rear Window Defogger (Back Door Glass)
S16 Junction Connector
DEFB
S14 Noise Filter (Rear Window Defogger and Stop)
K2

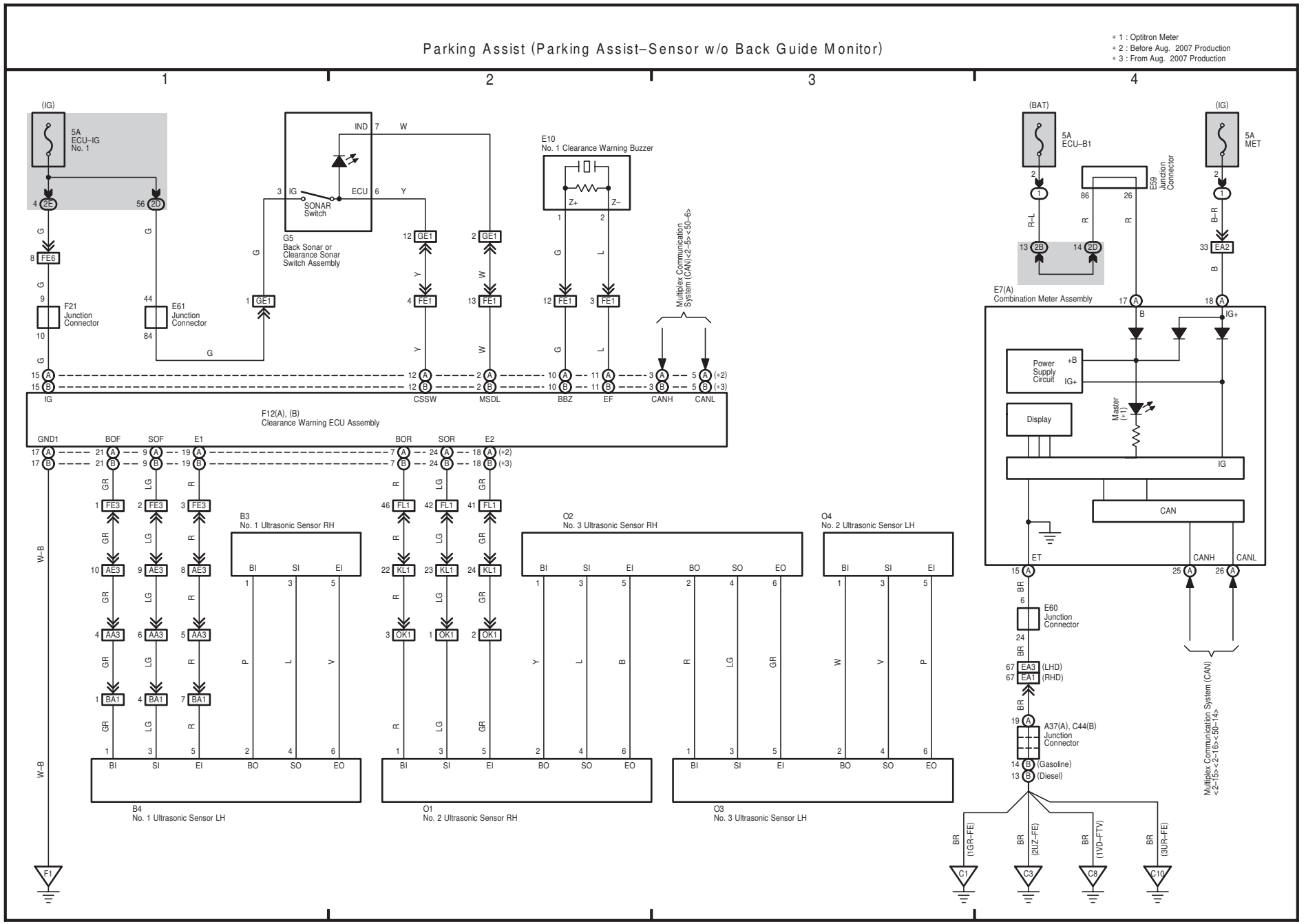
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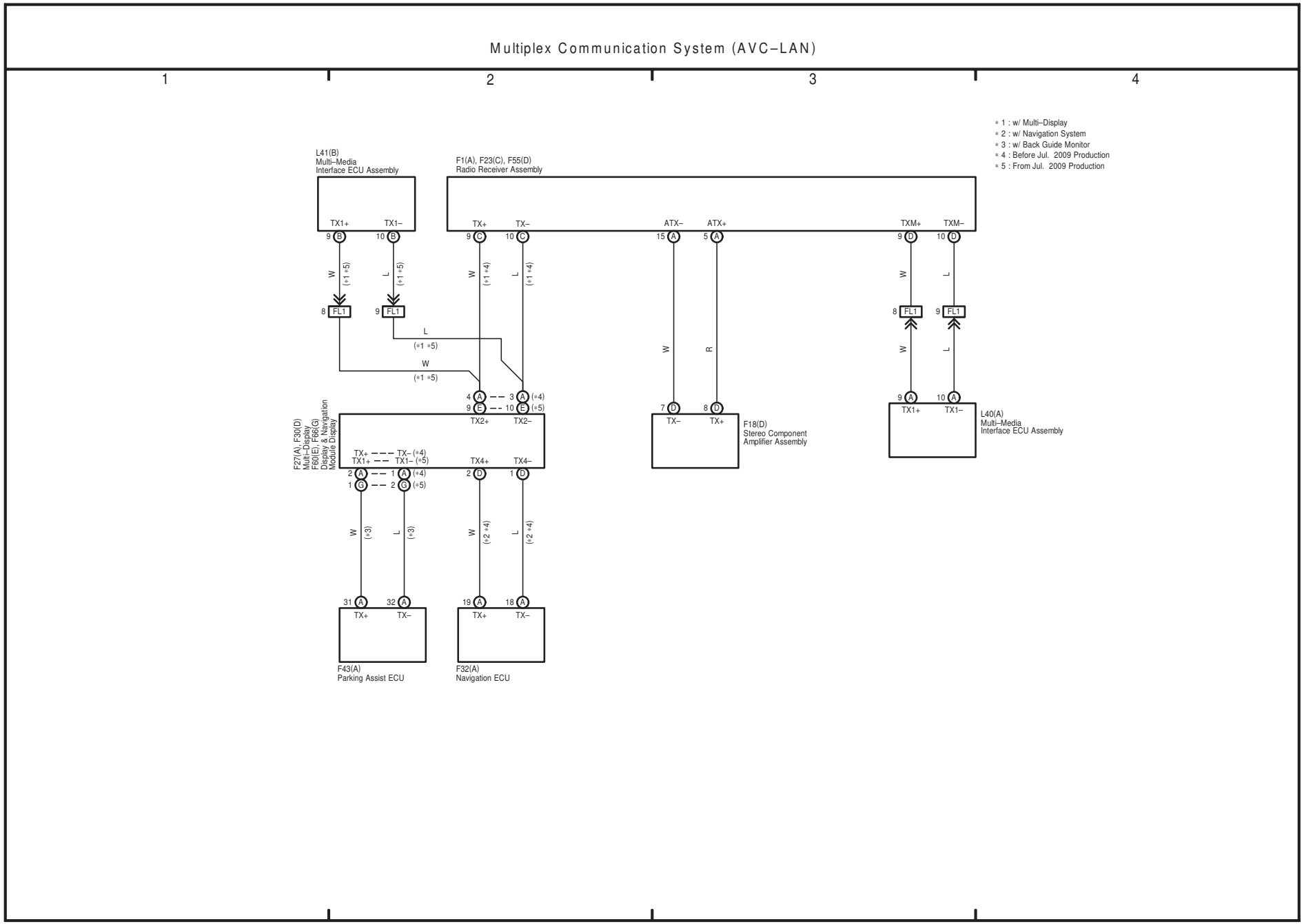
Parking Assist (Back Guide Monitor) and Parking Assist (Parking Assist–Sensor w/ Back Guide Monitor)



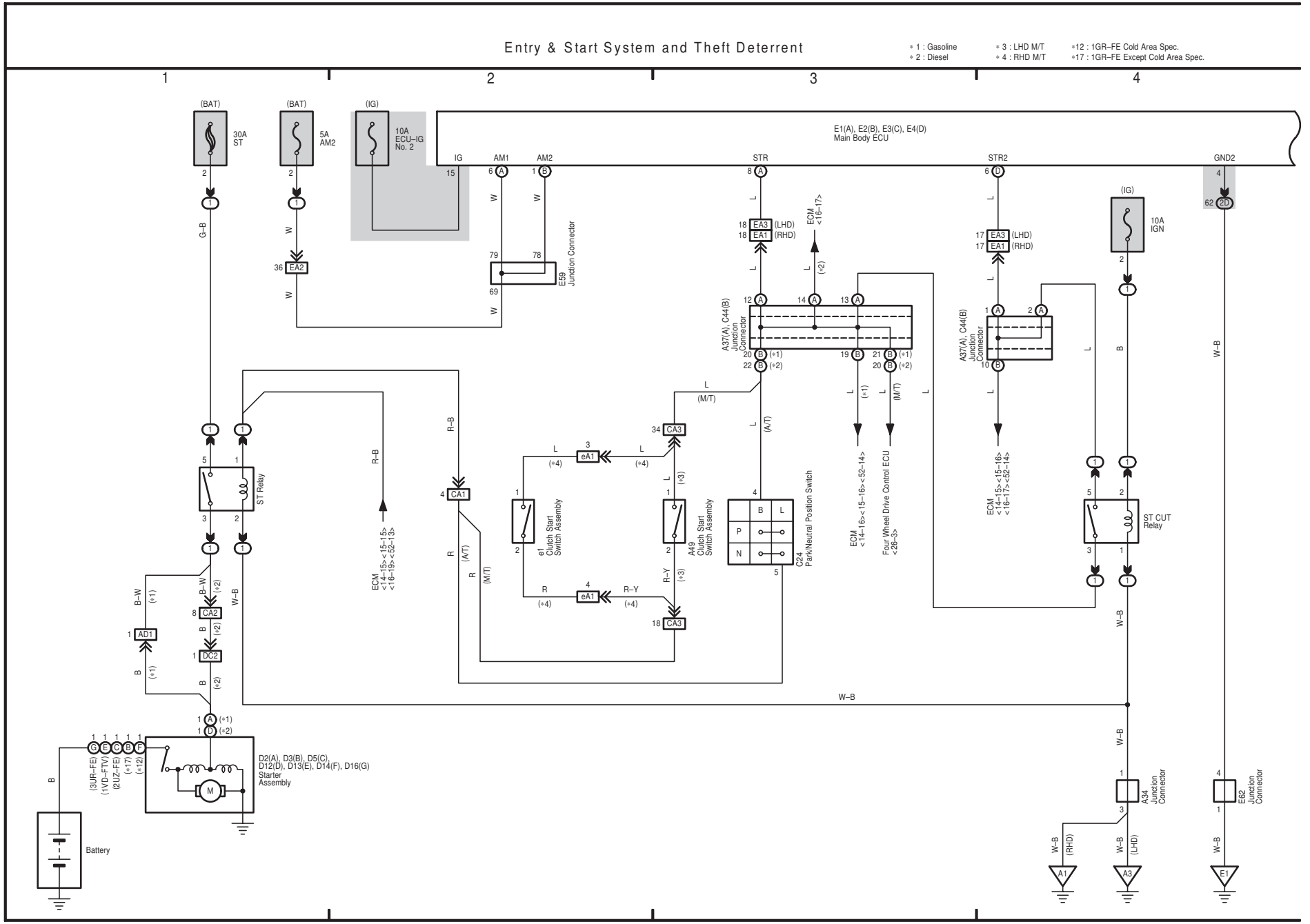
Parking Assist (Back Guide Monitor) and Parking Assist (Parking Assist–Sensor w/ Back Guide Monitor)




Parking Assist (Parking Assist–Sensor w/o Back Guide Monitor)
* 1 : Optitron Meter
* 2 : Before Aug. 2007 Production
* 3 : From Aug. 2007 Production
1
2
3
4
(IG)
5A ECU–IG No. 1
4 2E
56 2D
G
8 FE6
9 F21 Junction Connector 10
44 E61 Junction Connector 84
15 A 15 B IG
IND 7 W
3 IG SONAR Switch ECU 6 Y
G5 Back Sonar or Clearance Sonar Switch Assembly
1 GE1
12 GE1
4 FE1
2 GE1
13 FE1
E10 No. 1 Clearance Warning Buzzer
Z+ Z–
1 2
12 FE1
3 FE1
Multiplex Communication System (CAN)<2–5><50–6>
12 A 12 B CSSW
2 A 2 B MSDL
10 A 10 B BBZ
11 A 11 B EF
3 A 3 B CANH
5 A (*2) 5 B (*3) CANL
F12(A), (B) Clearance Warning ECU Assembly
GND1 17 A 17 B
BOF 21 A 21 B
SOF 9 A 9 B
E1 19 A 19 B
BOR 7 A 7 B
SOR 24 A 24 B
E2 18 A (*2) 18 B (*3)
1 FE3 2 FE3 3 FE3
10 AE3 9 AE3 8 AE3
4 AA3 6 AA3 5 AA3
1 BA1 4 BA1 7 BA1
46 FL1 42 FL1 41 FL1
22 KL1 23 KL1 24 KL1
3 OK1 1 OK1 2 OK1
B3 No. 1 Ultrasonic Sensor RH
O2 No. 3 Ultrasonic Sensor RH
O4 No. 2 Ultrasonic Sensor LH
BI SI EI BO SO EO
B4 No. 1 Ultrasonic Sensor LH
O1 No. 2 Ultrasonic Sensor RH
O3 No. 3 Ultrasonic Sensor LH
W–B
F1
(BAT)
5A ECU–B1
(IG)
5A MET
E59 Junction Connector
86 26
R–L R R B–R
13 2B 14 2D
33 EA2
E7(A) Combination Meter Assembly
17 A 18 A
B IG+
Power Supply Circuit +B IG+
Display
Master (*1)
IG
CAN
ET CANH CANL
15 A 25 A 26 A
E60 Junction Connector 6 24
67 EA3 (LHD) 67 EA1 (RHD)
19 A
A37(A), C44(B) Junction Connector
14 B (Gasoline) 13 B (Diesel)
Multiplex Communication System (CAN) <2–15><2–16><50–14>
BR 1GR–FE
BR 2UZ–FE
BR 1VD–FTV
BR 3UR–FE
C1
C3
C8
C10

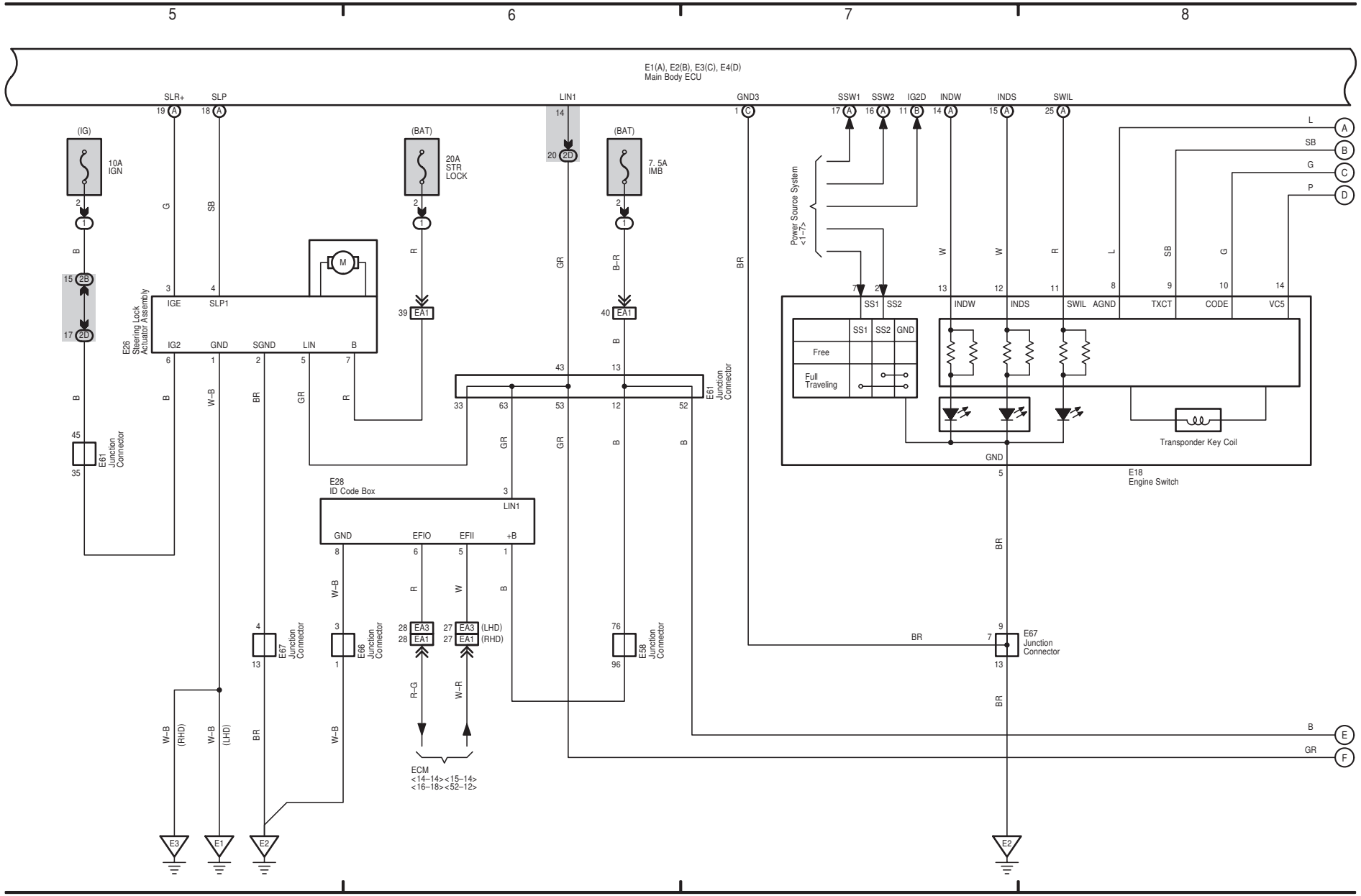

Multiplex Communication System (AVC–LAN)
1
2
3
4
* 1 : w/ Multi–Display
* 2 : w/ Navigation System
* 3 : w/ Back Guide Monitor
* 4 : Before Jul. 2009 Production
* 5 : From Jul. 2009 Production
L41(B)
Multi–Media
Interface ECU Assembly
F1(A), F23(C), F55(D)
Radio Receiver Assembly
TX1+
TX1–
TX+
TX–
ATX–
ATX+
TXM+
TXM–
W
L
R
(*1 *5)
(*1 *4)
FL1
F27(A), F30(D)
Multi–Display
F60(E), F66(G)
Display & Navigation
Module Display
TX2+
TX2–
TX4+
TX4–
(*4)
(*5)
(*3)
(*2 *4)
F43(A)
Parking Assist ECU
F32(A)
Navigation ECU
F18(D)
Stereo Component
Amplifier Assembly
L40(A)
Multi–Media
Interface ECU Assembly

(Cont. next page)



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Entry & Start System and Theft Deterrent

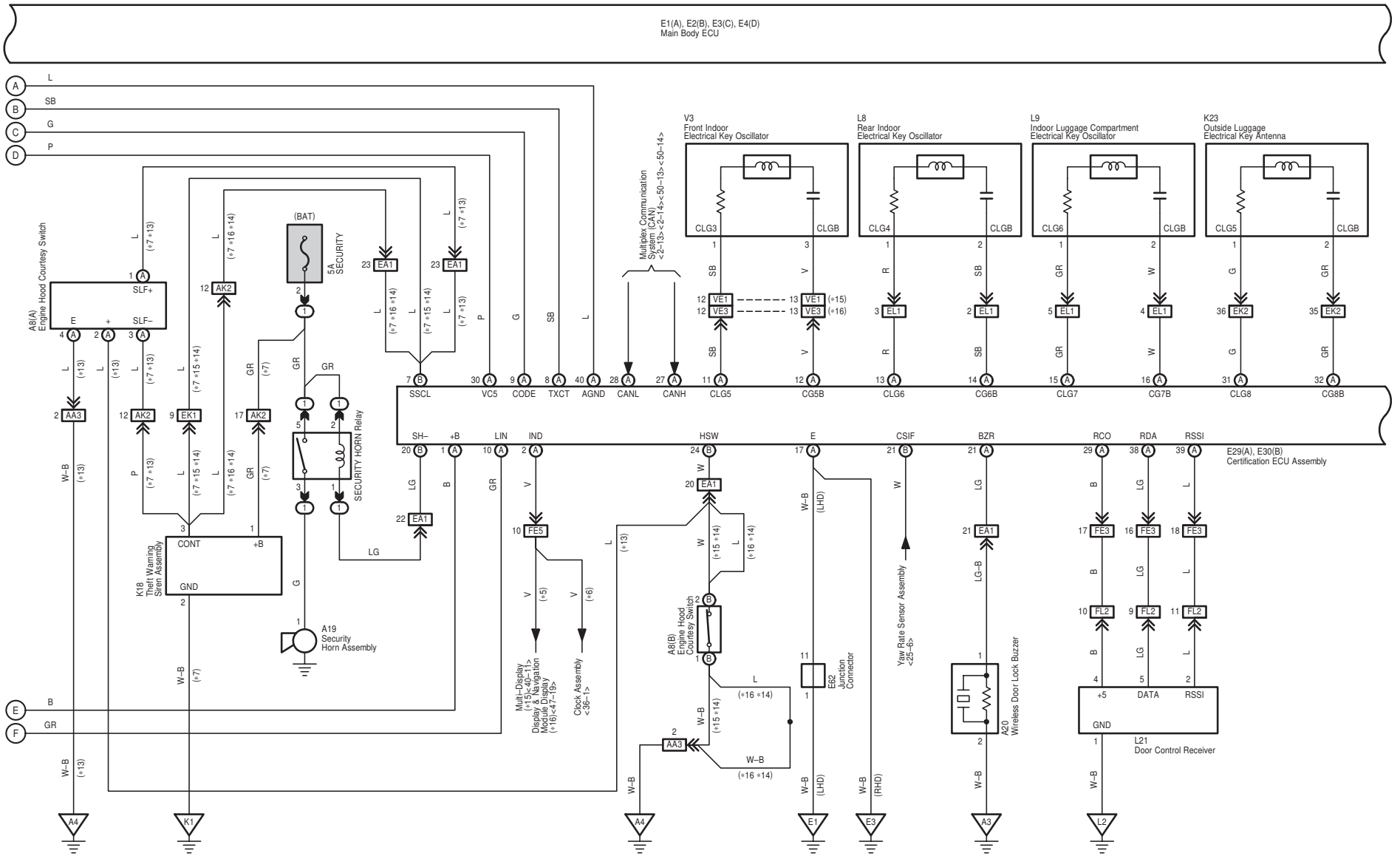


4 LAND CRUISER Station Wagon (Cont' d)

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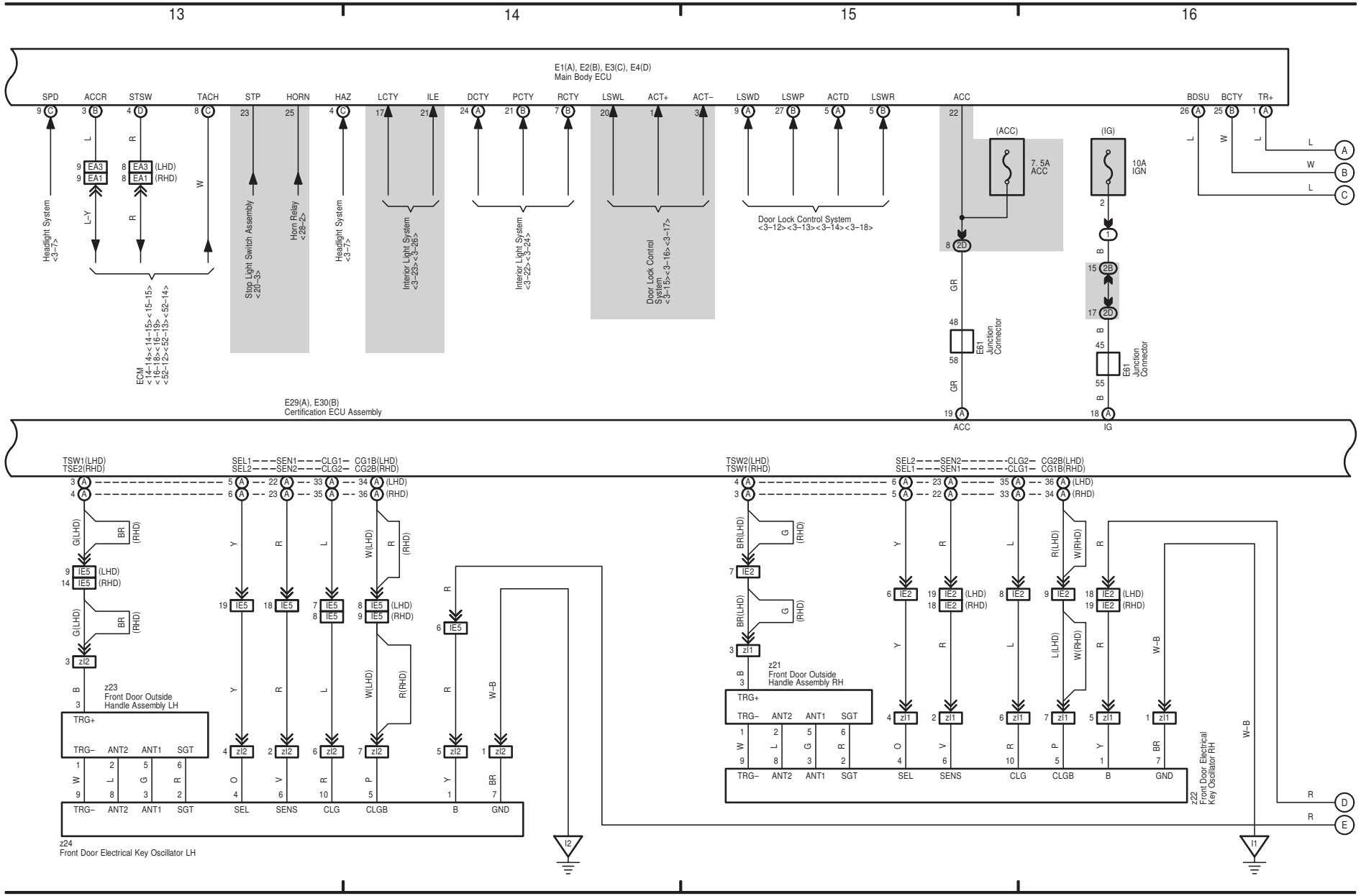
Entry & Start System and Theft Deterrent

∗ 5 : w/ Multi–Display
∗ 6 : w/o Multi–Display
∗ 7 : w/ Theft Warning Siren
∗13 : U. K.
∗14 : Except U. K.
∗15 : Before Jul. 2009 Production
∗16 : From Jul. 2009 Production



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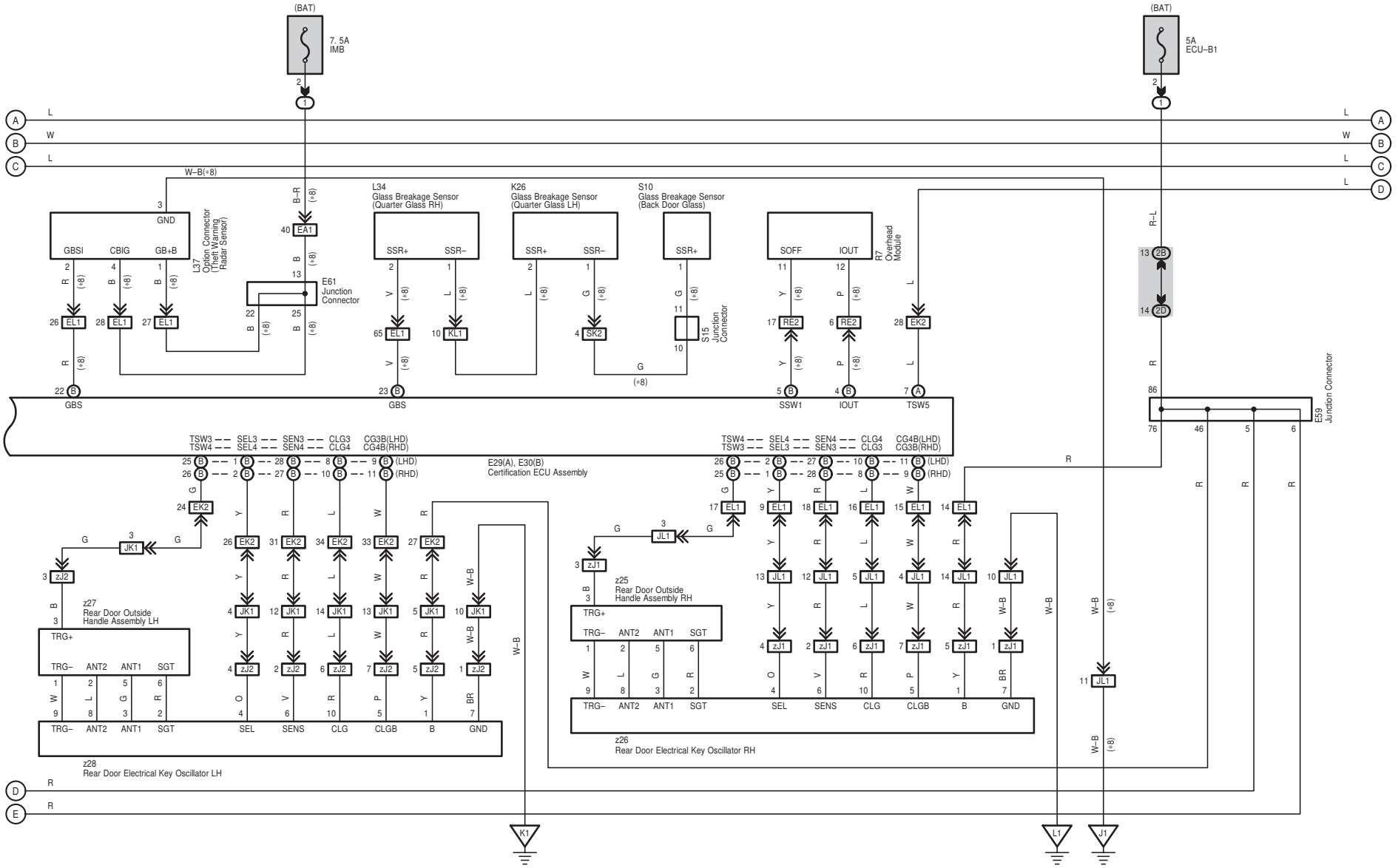
Entry & Start System and Theft Deterrent



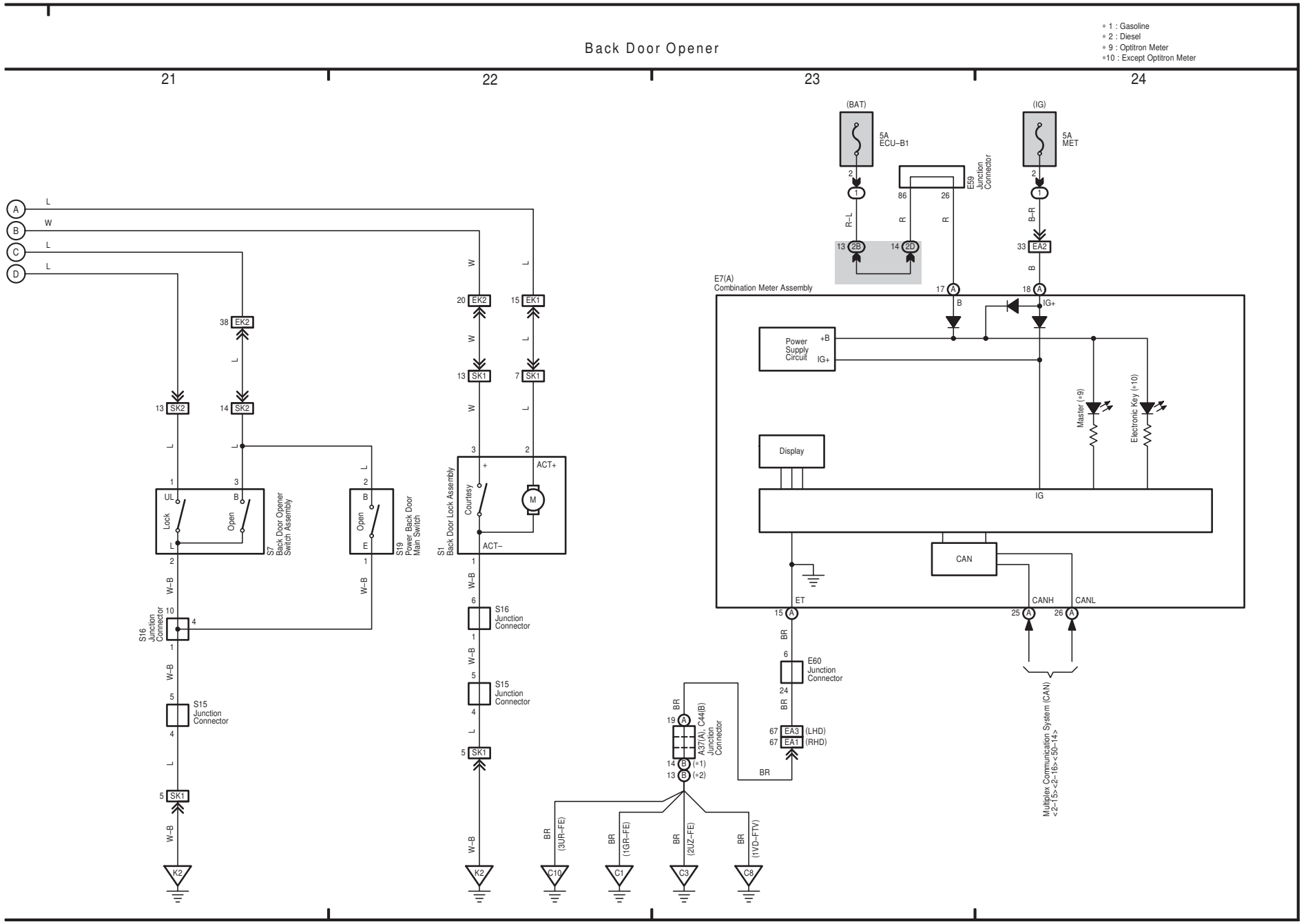
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Entry & Start System and Theft Deterrent

∗ 8 : w/ Glass Breakage Sensor



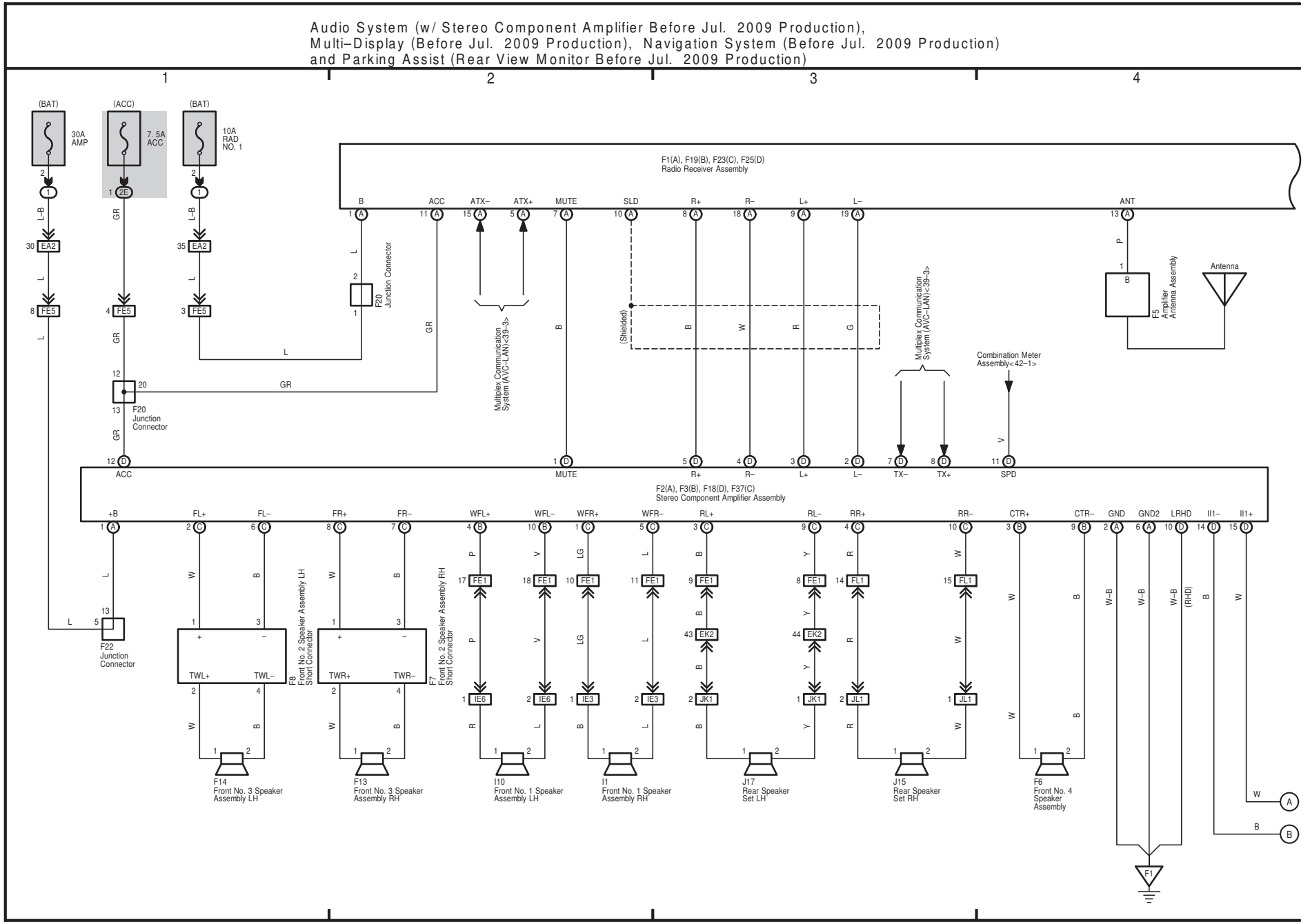
4 LAND CRUISER Station Wagon (Cont' d)



M

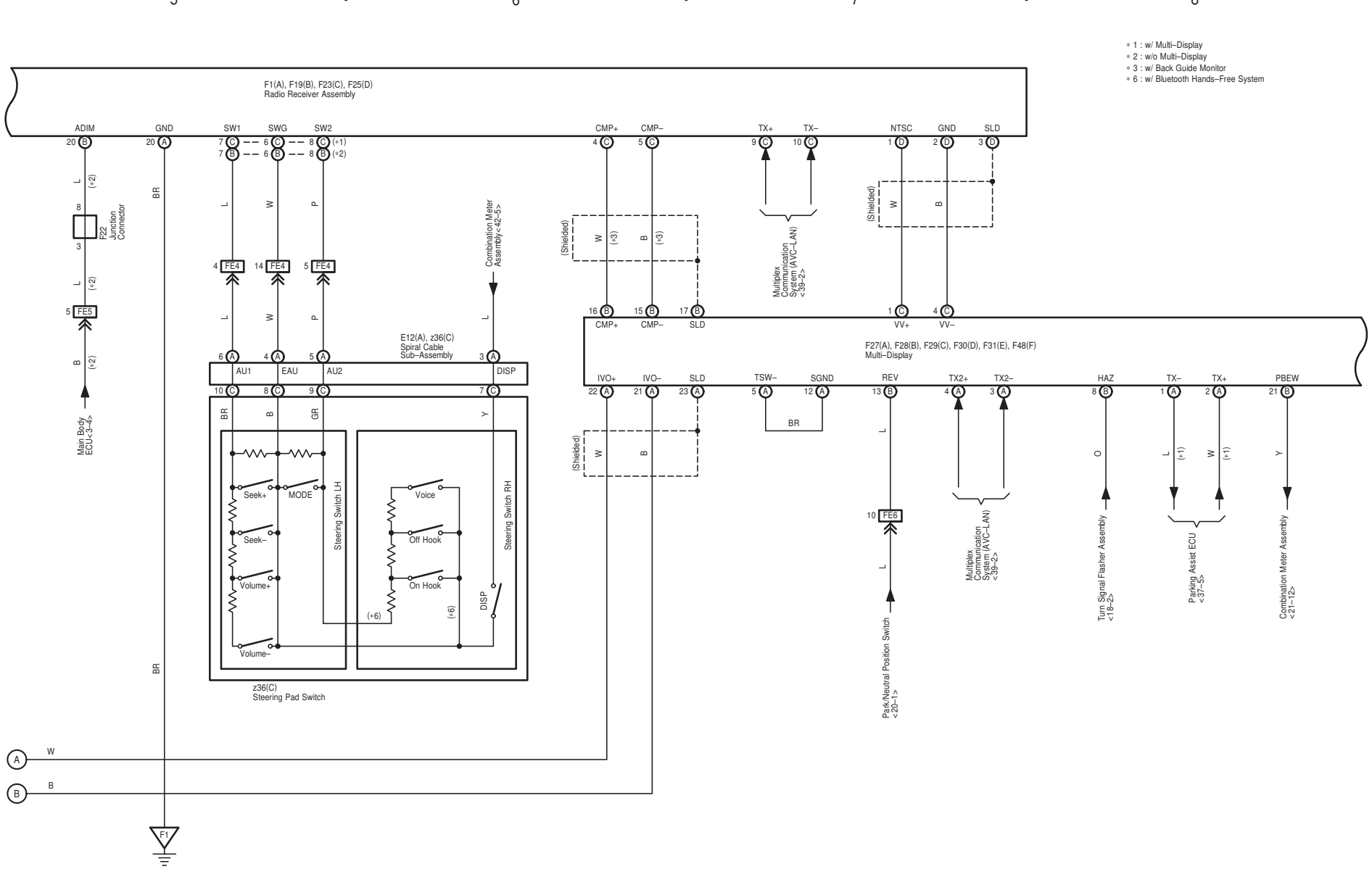
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Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)



(Cont. next page)

Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)

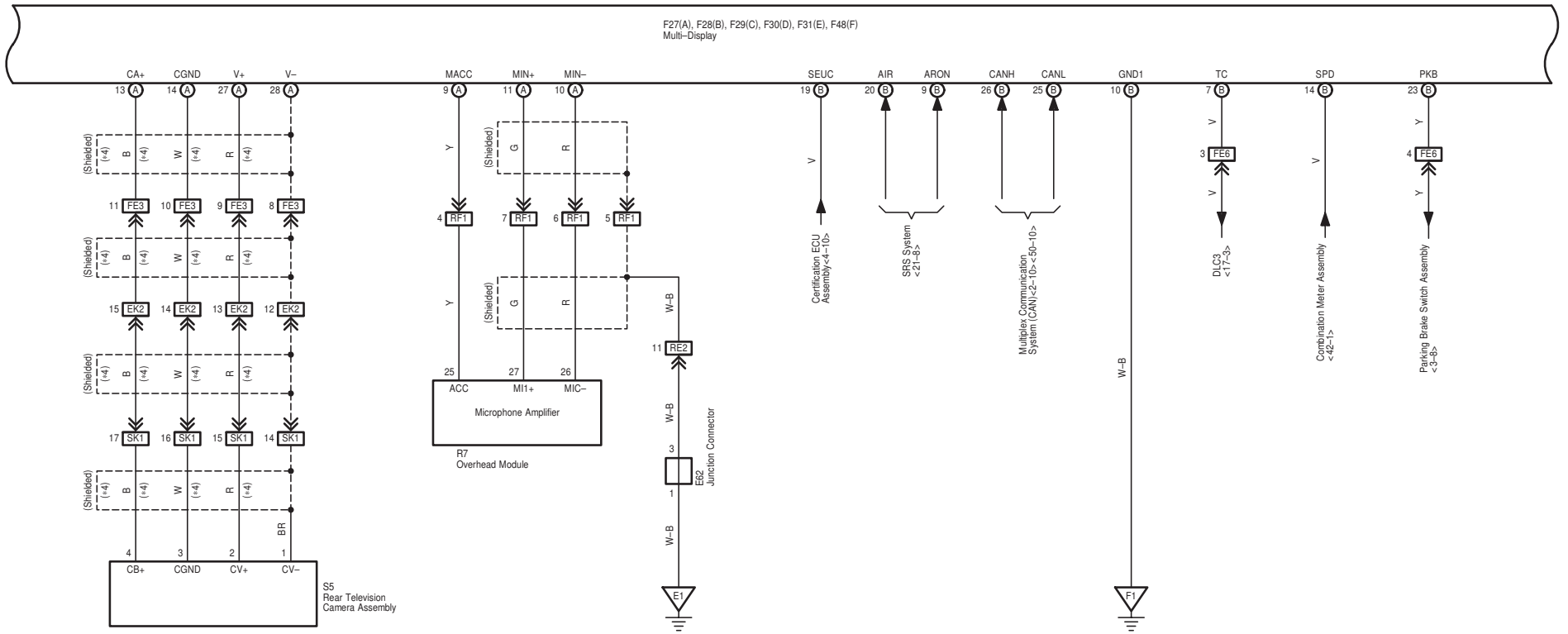


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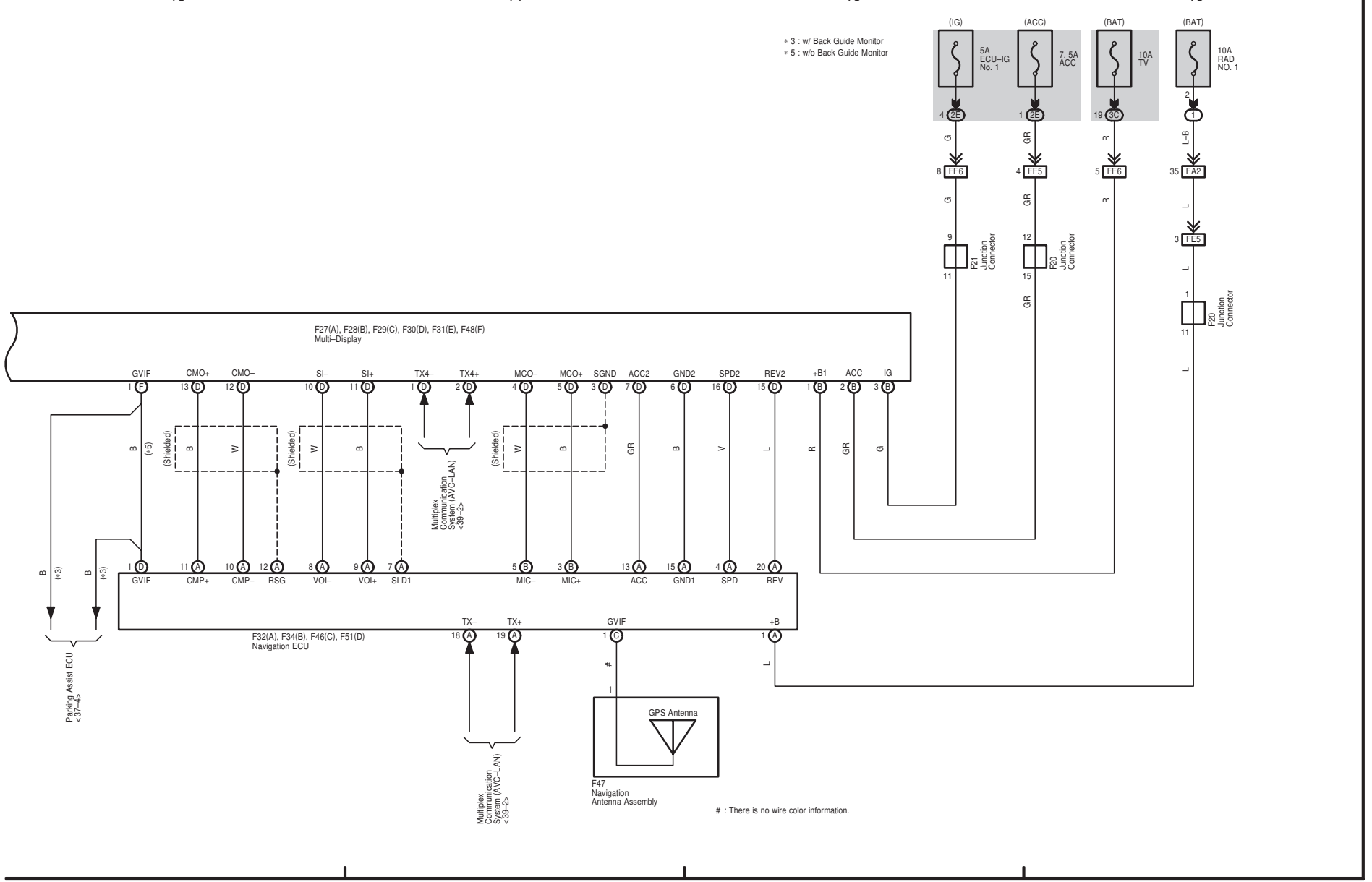
Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)

9 10 11 12

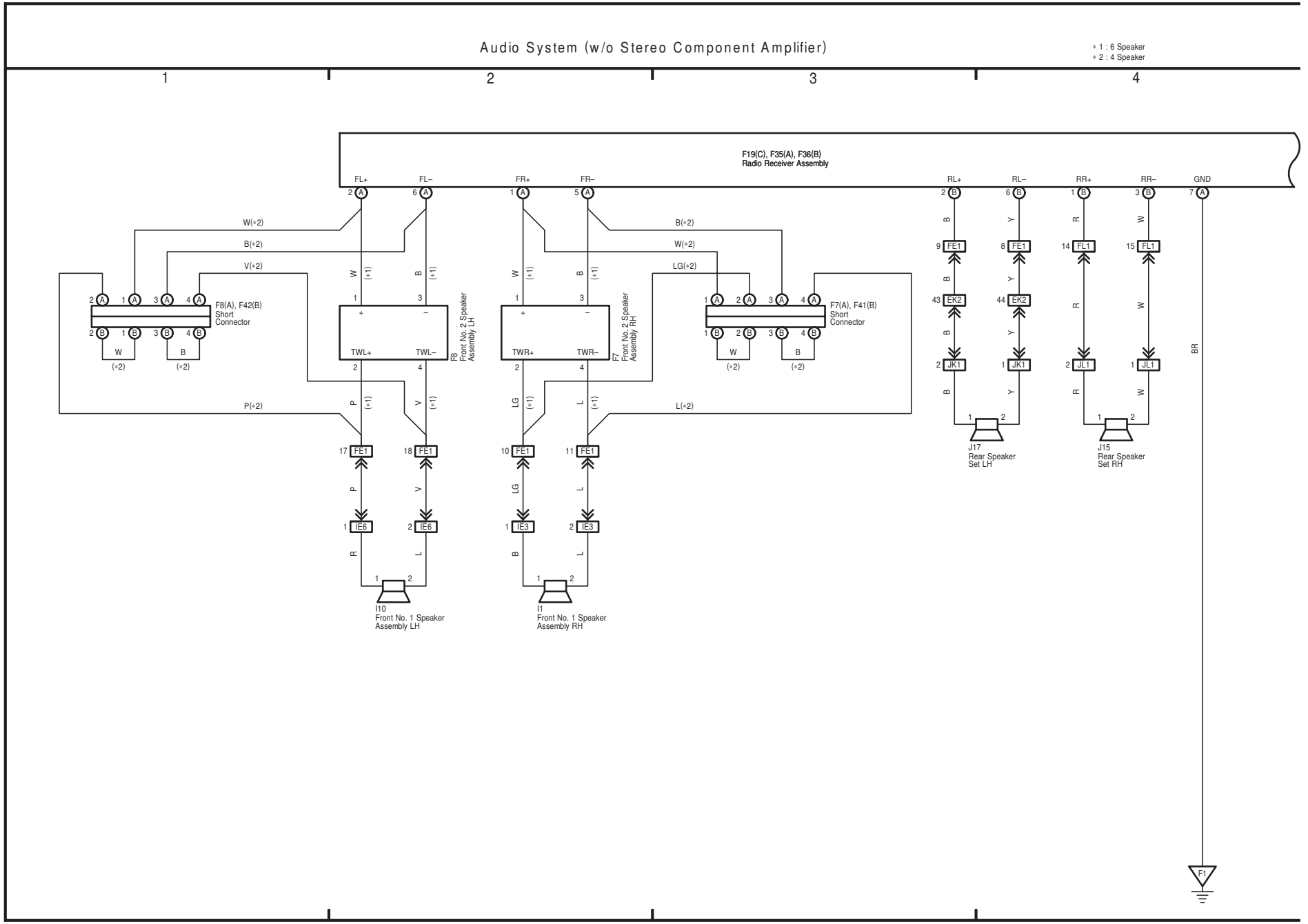
* 4 : w/ Rear View Monitor

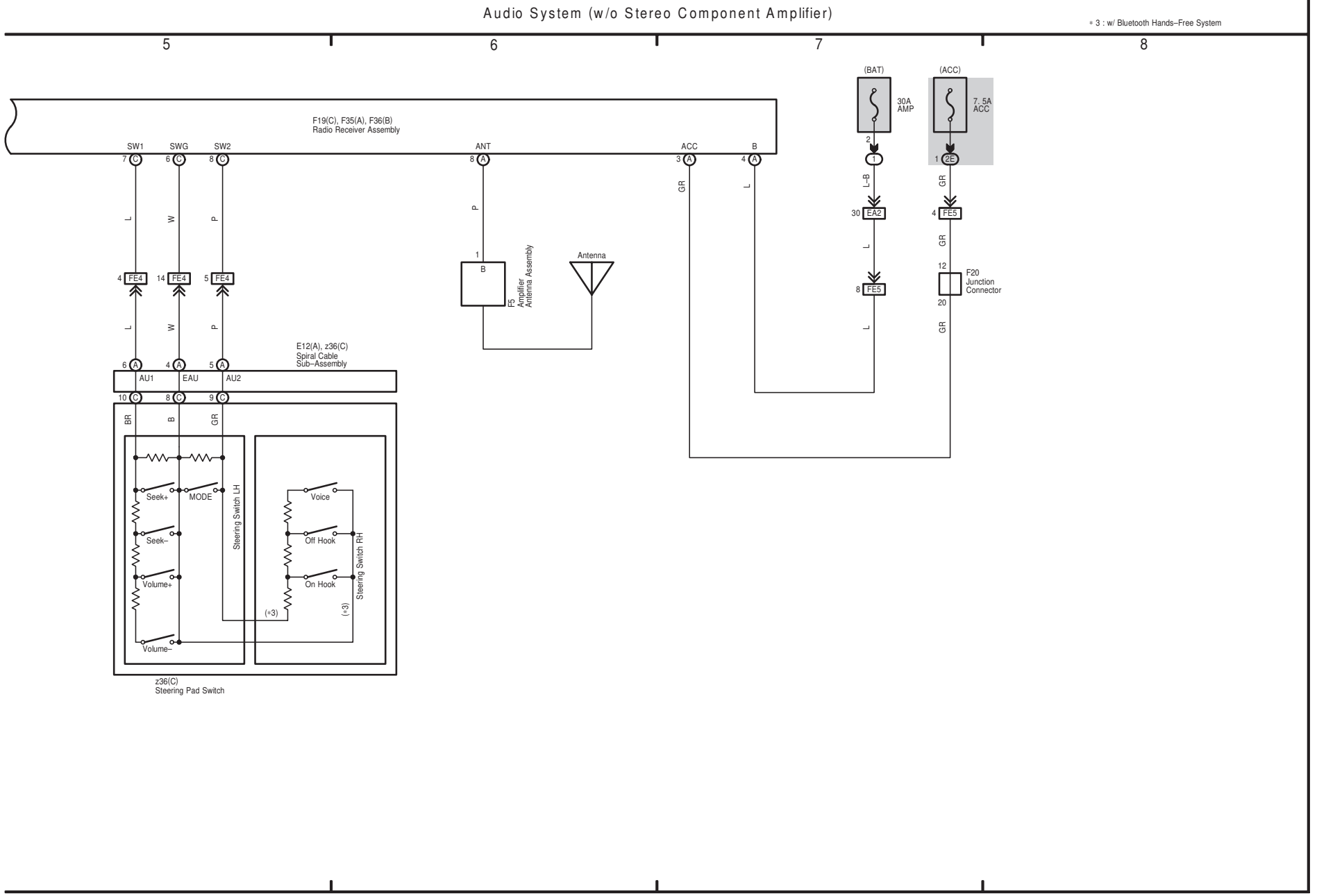


Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)

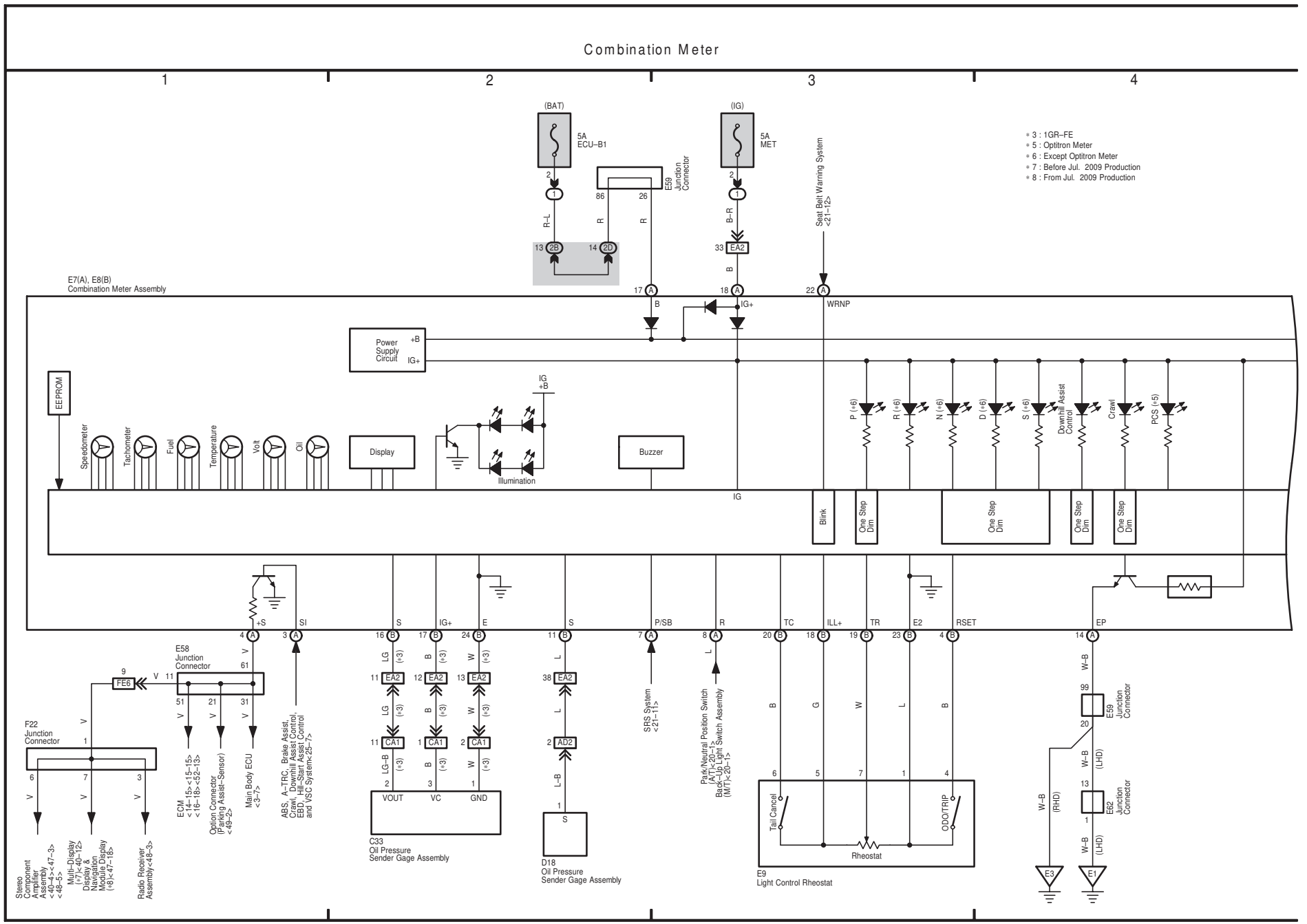


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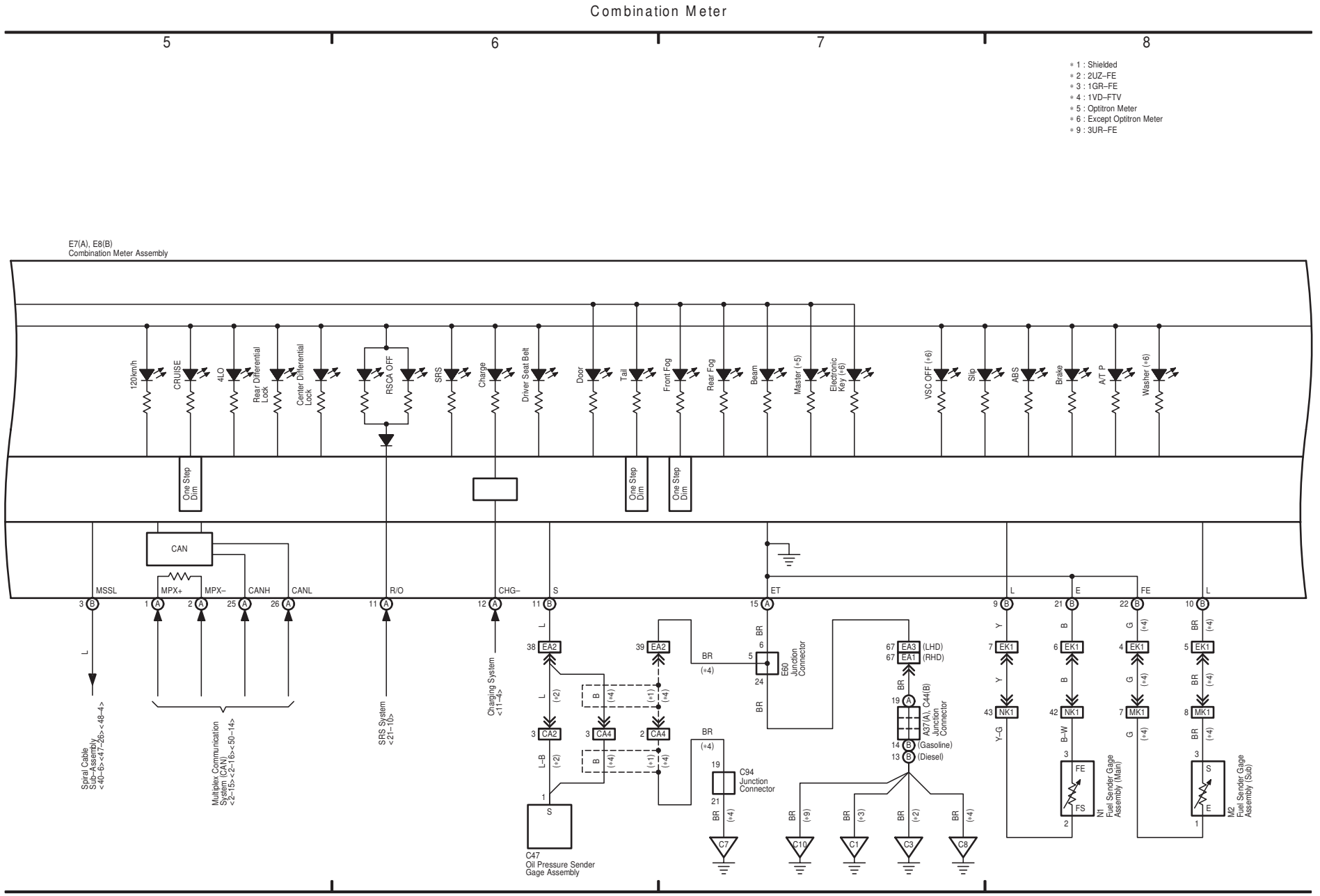



Audio System (w/o Stereo Component Amplifier)
* 3 : w/ Bluetooth Hands–Free System
5
6
7
8
F19(C), F35(A), F36(B)
Radio Receiver Assembly
SW1
SWG
SW2
ANT
ACC
B
(BAT)
(ACC)
30A
AMP
7. 5A
ACC
L–B
GR
L
W
P
FE4
FE5
EA2
F5
Amplifier
Antenna Assembly
Antenna
E12(A), z36(C)
Spiral Cable
Sub–Assembly
AU1
EAU
AU2
BR
B
GR
F20
Junction
Connector
Seek+
MODE
Seek–
Volume+
Volume–
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*3)
z36(C)
Steering Pad Switch

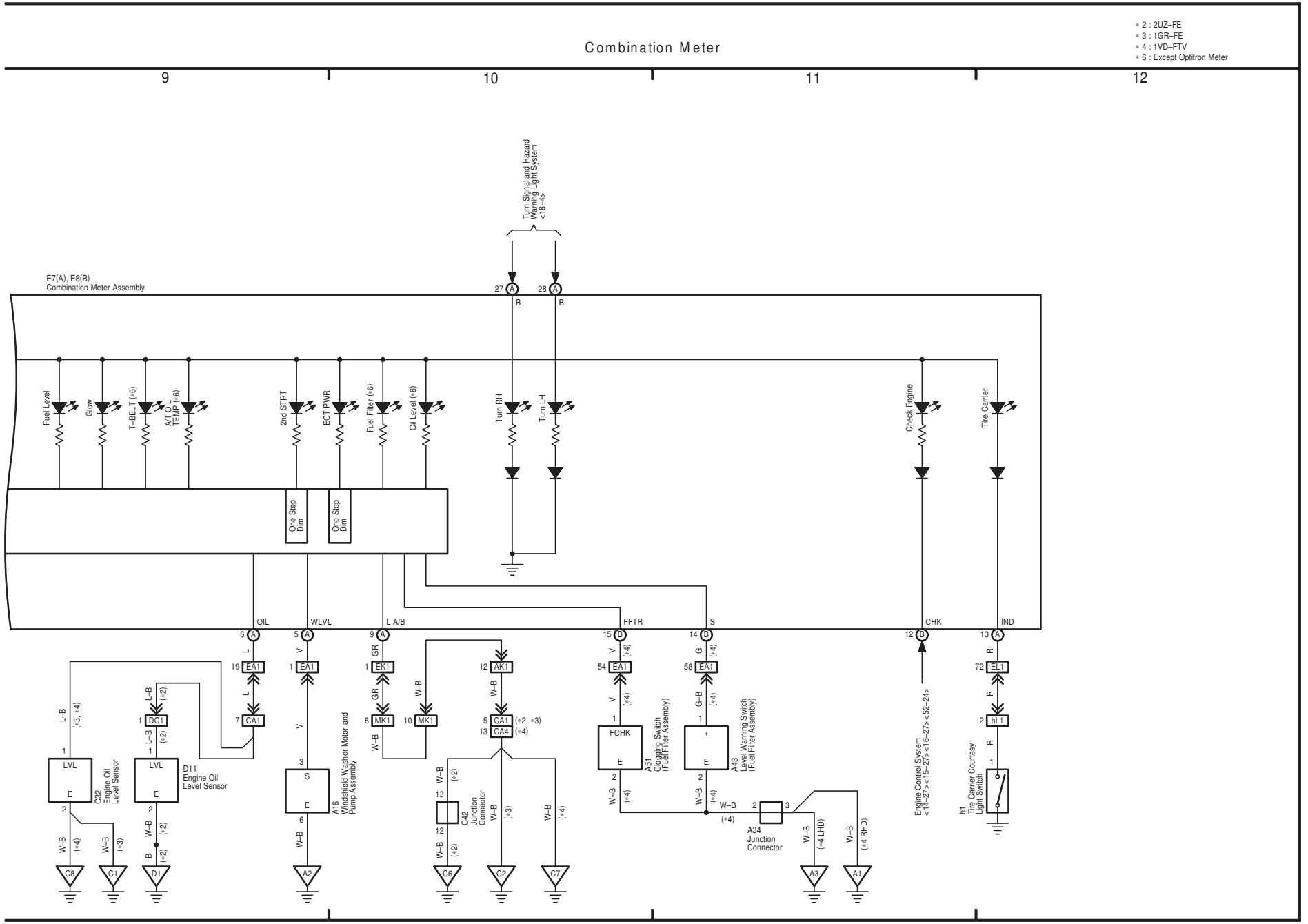
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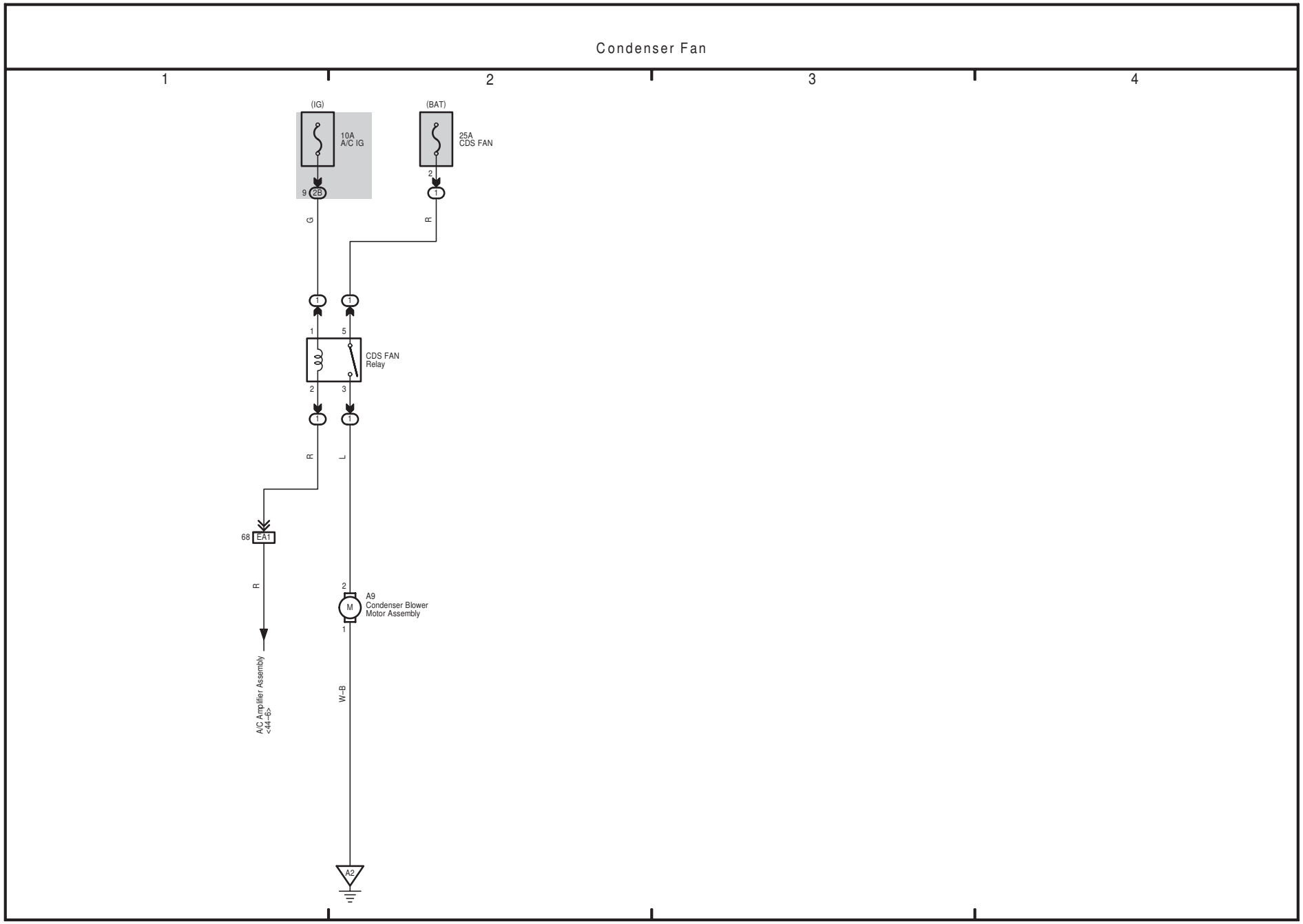


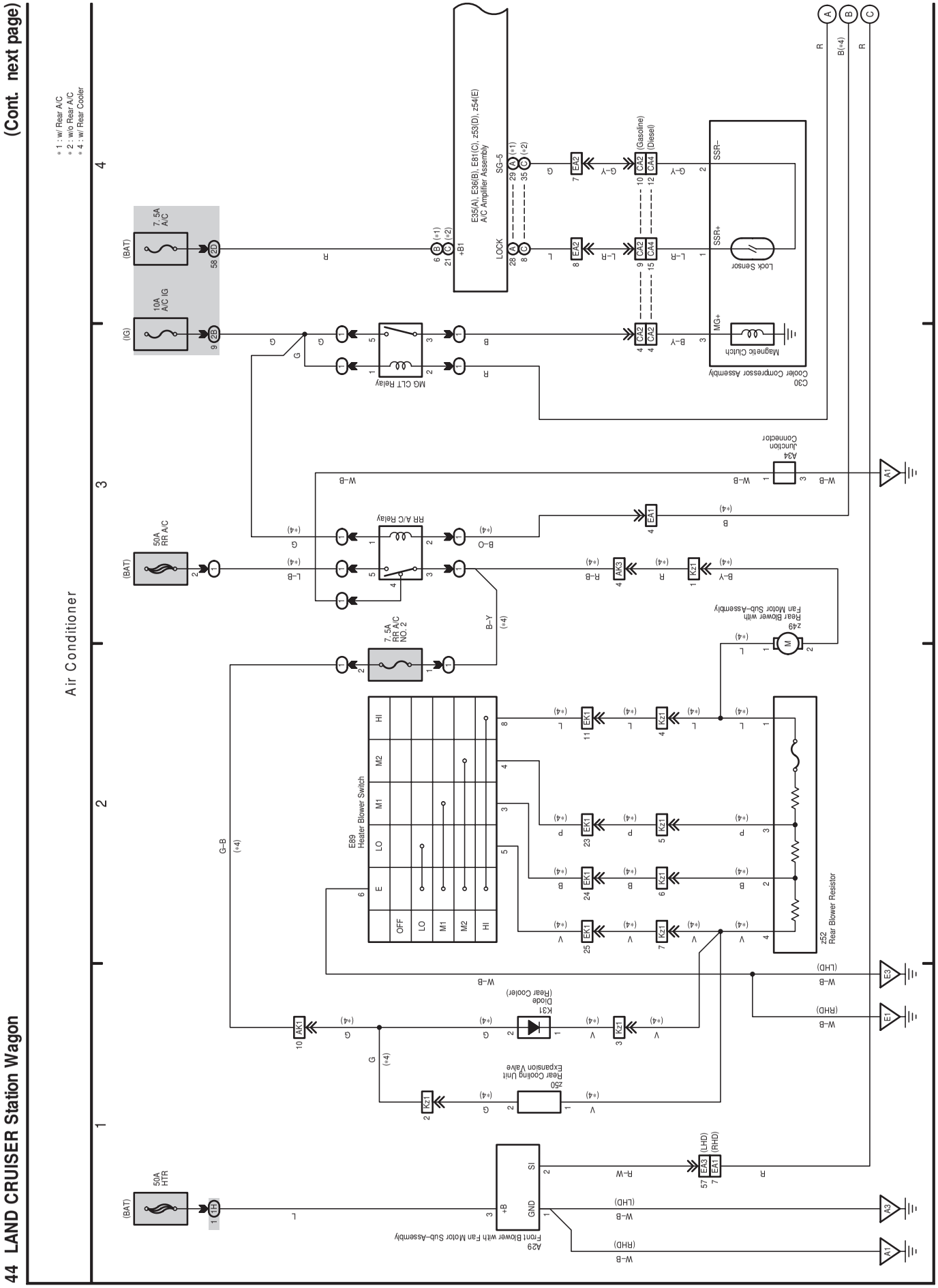
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42 LAND CRUISER Station Wagon (Cont' d)



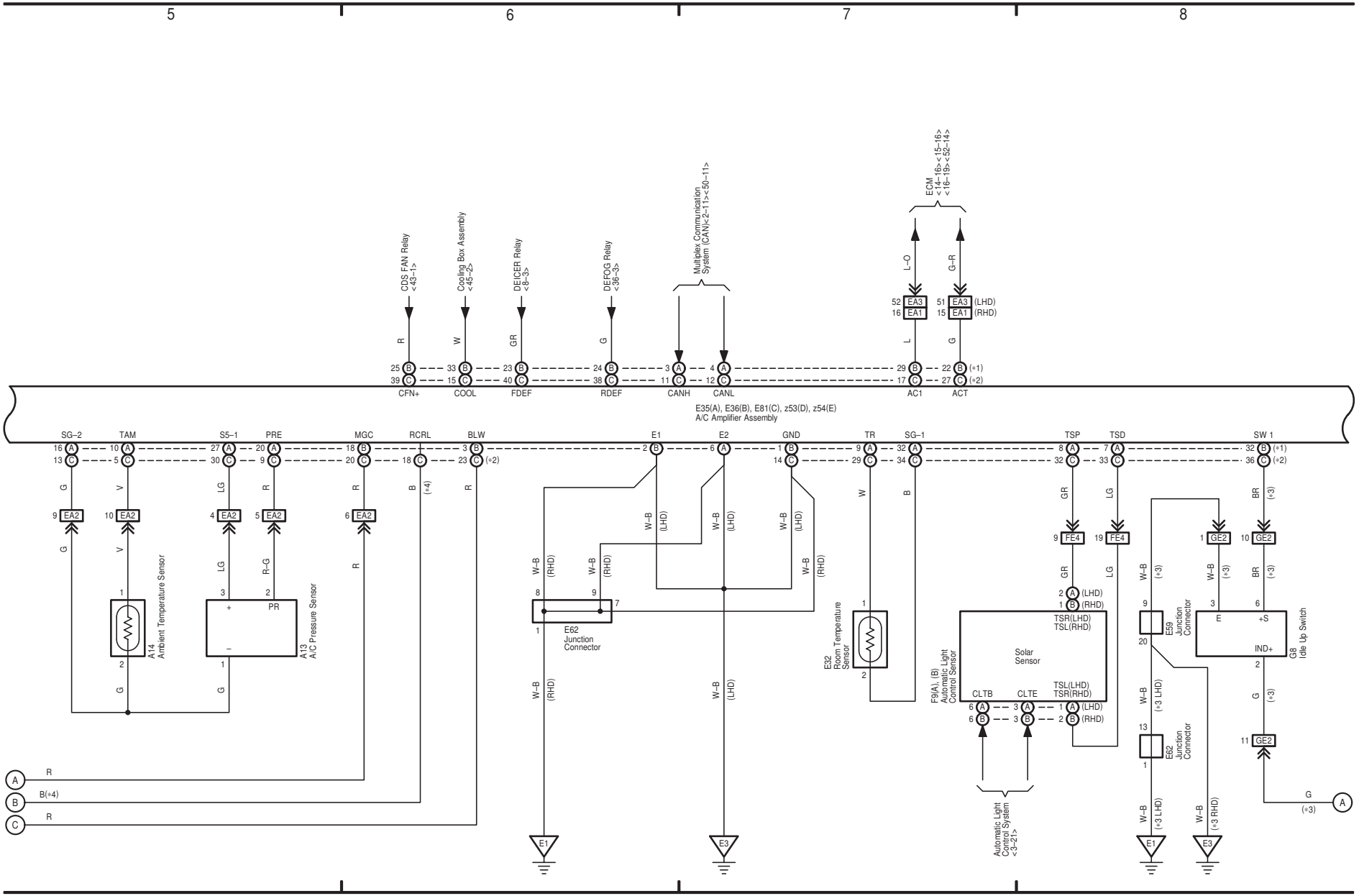

Condenser Fan
1
2
3
4
(IG)
(BAT)
10A
A/C IG
25A
CDS FAN
9
2B
2
1
G
R
1
5
CDS FAN
Relay
2
3
R
L
68
EA1
R
A/C Amplifier Assembly
<44-6>
2
A9
Condenser Blower
Motor Assembly
1
W-B
A2


(Cont. next page)
44 LAND CRUISER Station Wagon
Air Conditioner
* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 4 : w/ Rear Cooler
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
SG-5
LOCK
+B1
SSR-
SSR+
MG+
Lock Sensor
Magnetic Clutch
C30
Cooler Compressor Assembly
(Gasoline)
(Diesel)
7.5A
A/C
10A
A/C IG
(BAT)
(IG)
MG CLT Relay
RR A/C Relay
50A
RR A/C
7.5A
RR A/C
NO. 2
A34
Junction
Connector
Z49
Rear Blower with
Fan Motor Sub-Assembly
E89
Heater Blower Switch
OFF
LO
M1
M2
HI
Z52
Rear Blower Resistor
K31
Diode
(Rear Cooler)
Z50
Rear Cooling Unit
Expansion Valve
A29
Front Blower with Fan Motor Sub-Assembly
50A
HTR
E3
E1
A3
A1
(LHD)
(RHD)
W-B
G-B
B-Y
B-O
L-B
R-W

(Cont. next page)

Air Conditioner

* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 3 : w/ Viscous Heater
* 4 : w/ Rear Cooler



(Cont. next page)

Air Conditioner

* 1 : w/ Rear A/C
* 3 : w/ Viscous Heater

9 10 11 12

E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly

TEA SGA BUS G BUS B BUS

7 (D) 6 (D) 1 (D) 2 (D) 3 (D) (*1)

A/C Evaporator Temperature Sensor

Connector Housing Color (Natural)

Damper Servo Motor (Rear Air Mix RH) (LHD)
Damper Servo Motor (Rear Air Mix LH) (RHD)

Connector Housing Color (Red)

Damper Servo Motor (Front Air Mix RH) (LHD)
Damper Servo Motor (Front Air Mix LH) (RHD)

Connector Housing Color (Blue)

Damper Servo Motor (Mode Control RH) (LHD)
Damper Servo Motor (Mode Control LH) (RHD)

Connector Housing Color (Gray) (LHD)
Connector Housing Color (Brown) (RHD)

Damper Servo Motor (Cool Air) (LHD)
Damper Servo Motor (Rear Mode Control) (RHD)

Connector Housing Color (Black)

Damper Servo Motor (Air Inlet)

z53(D)
A/C Blower Assembly

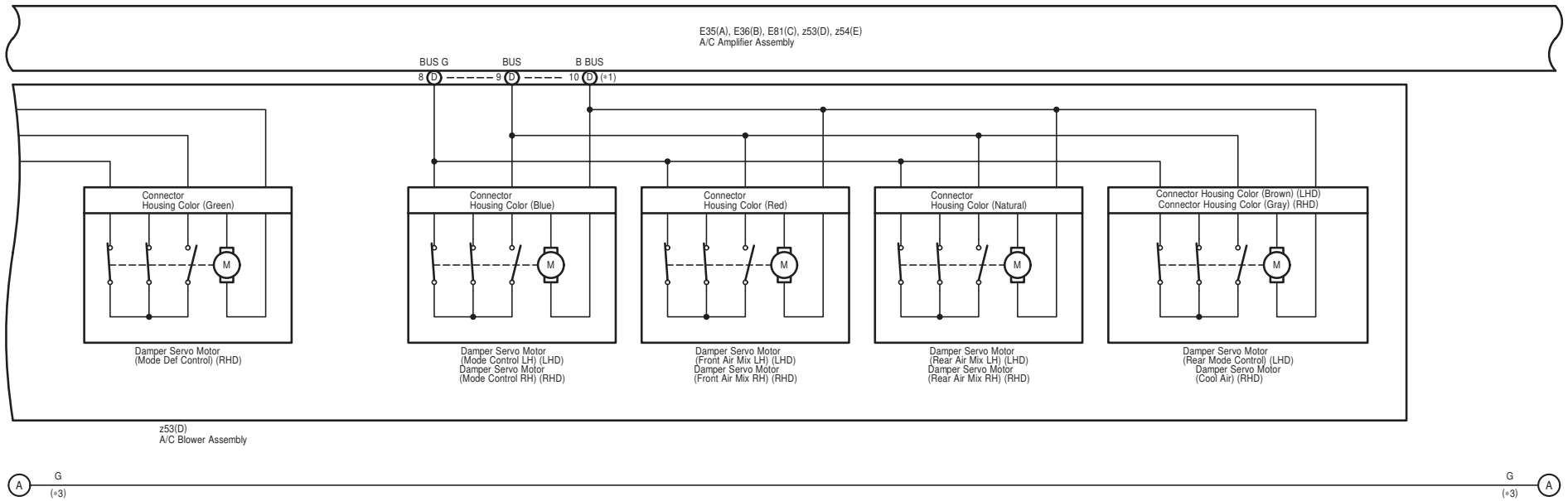
(A) G (*3)

G (*3) (A)

Air Conditioner

* 1 : w/ Rear A/C
* 3 : w/ Viscous Heater

13 14 15 16

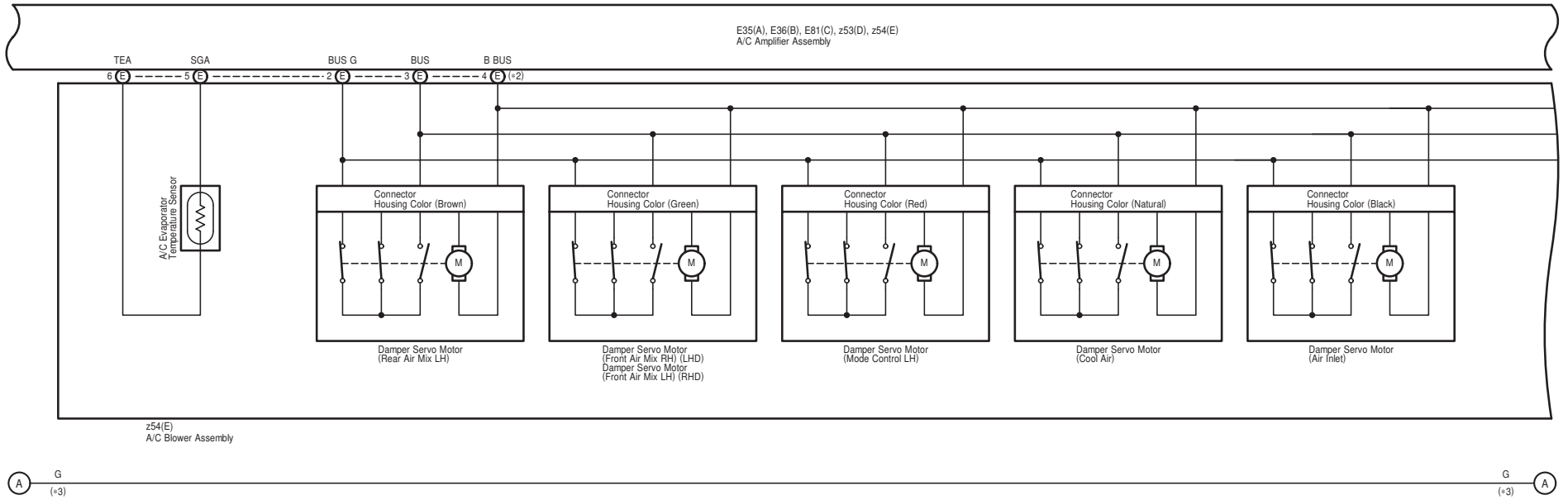


(Cont. next page)

Air Conditioner

* 2 : w/o Rear A/C
* 3 : w/ Viscous Heater

17 18 19 20

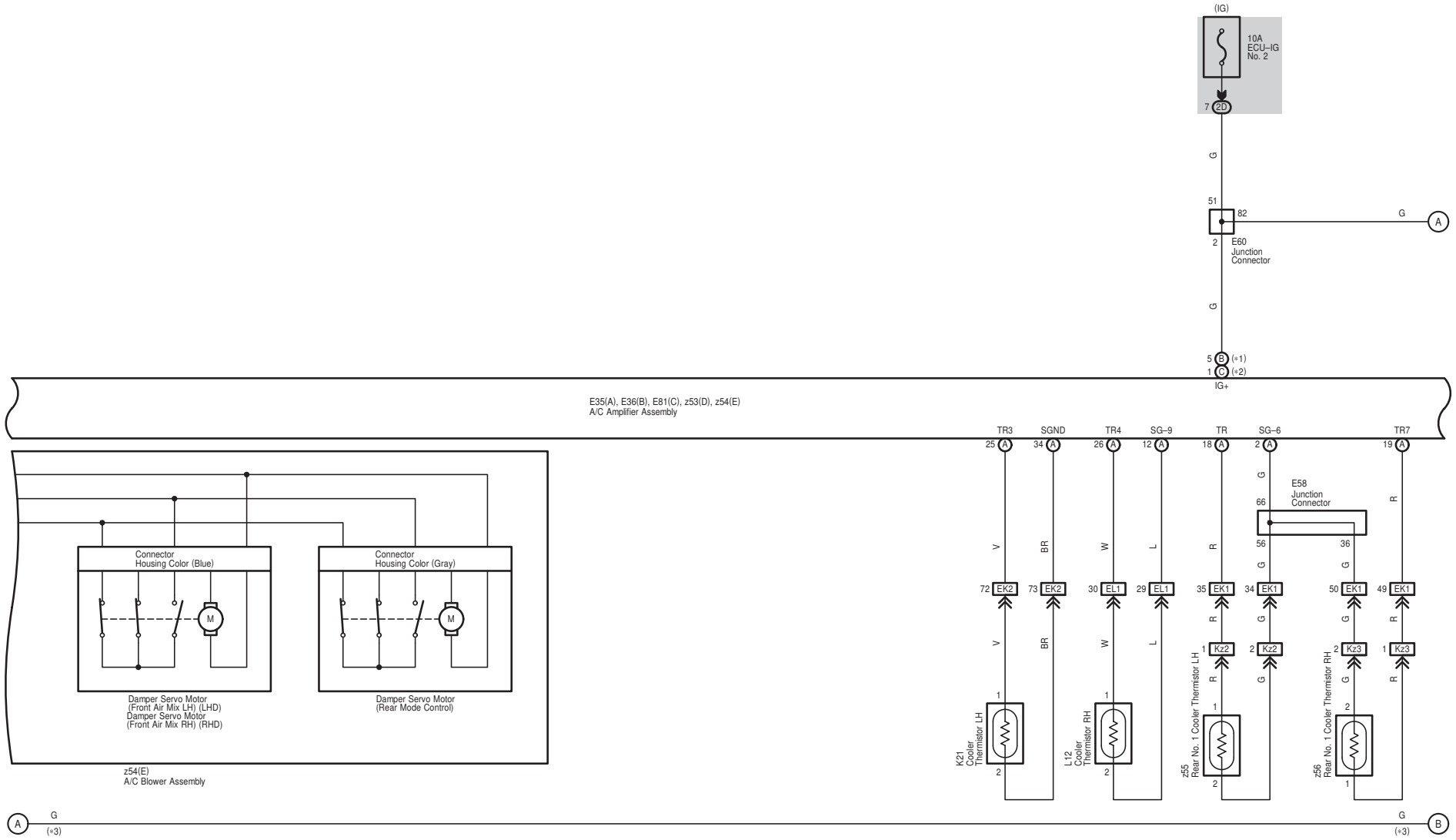


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Air Conditioner

* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 3 : w/ Viscous Heater

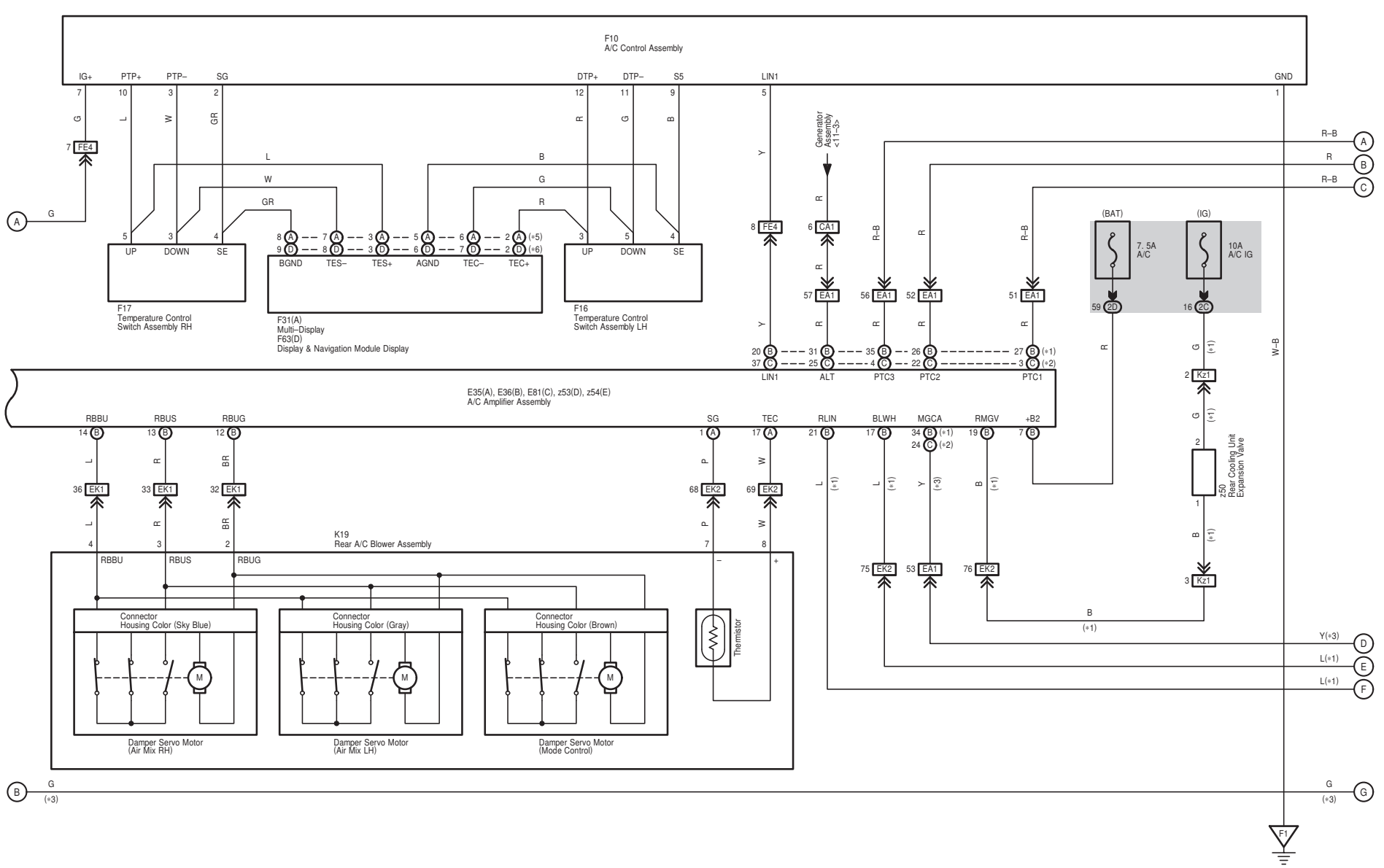
21 22 23 24

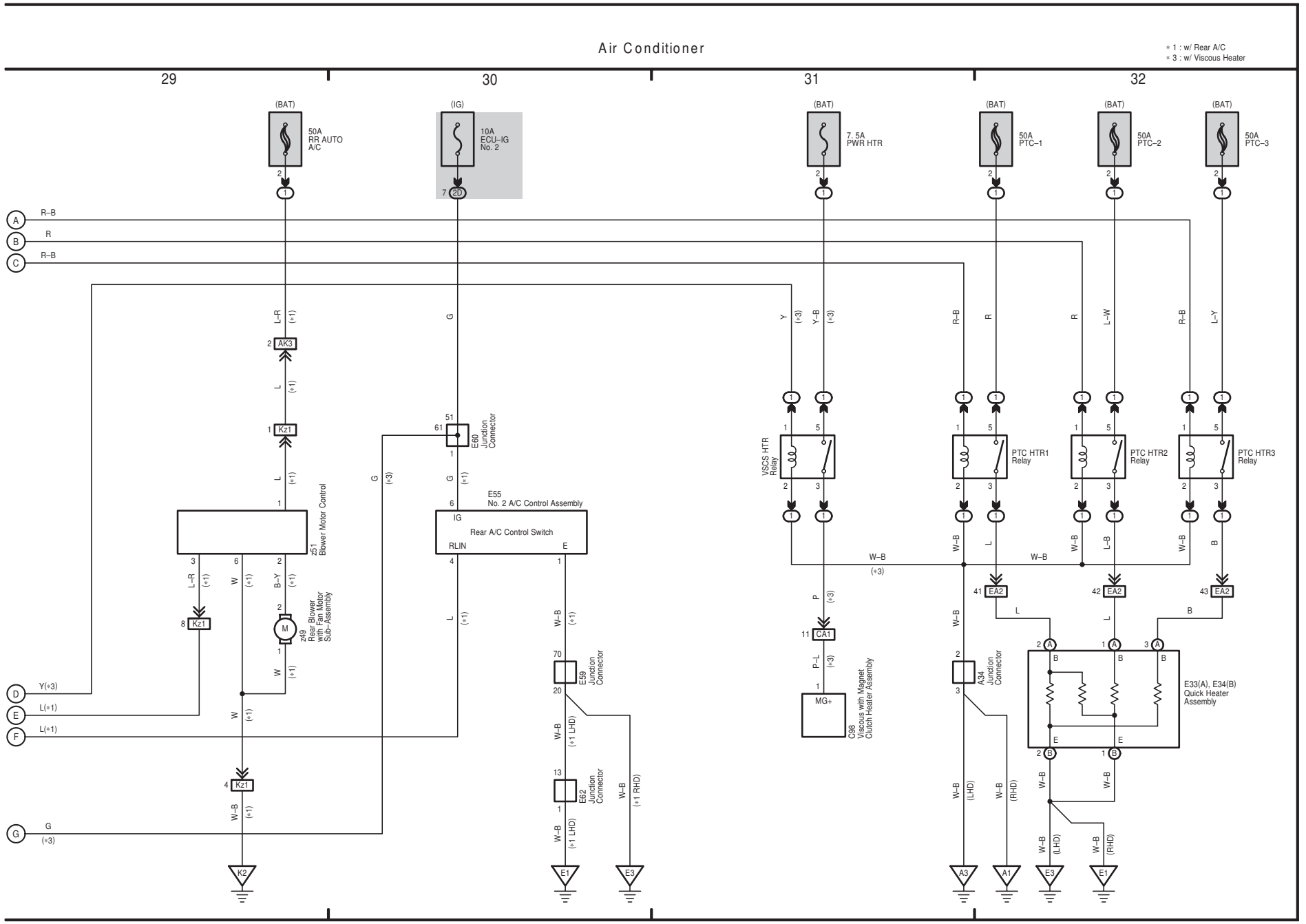


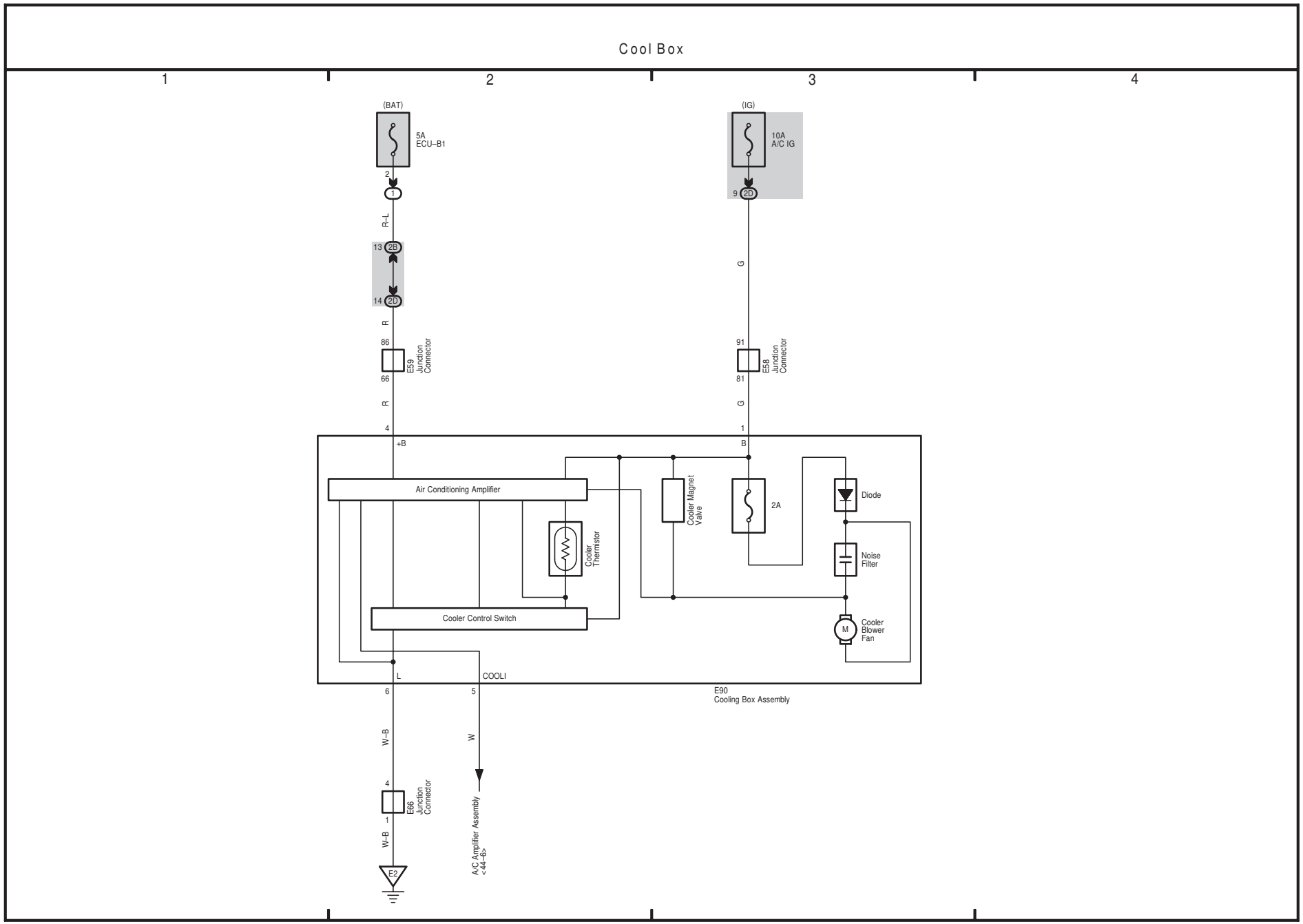
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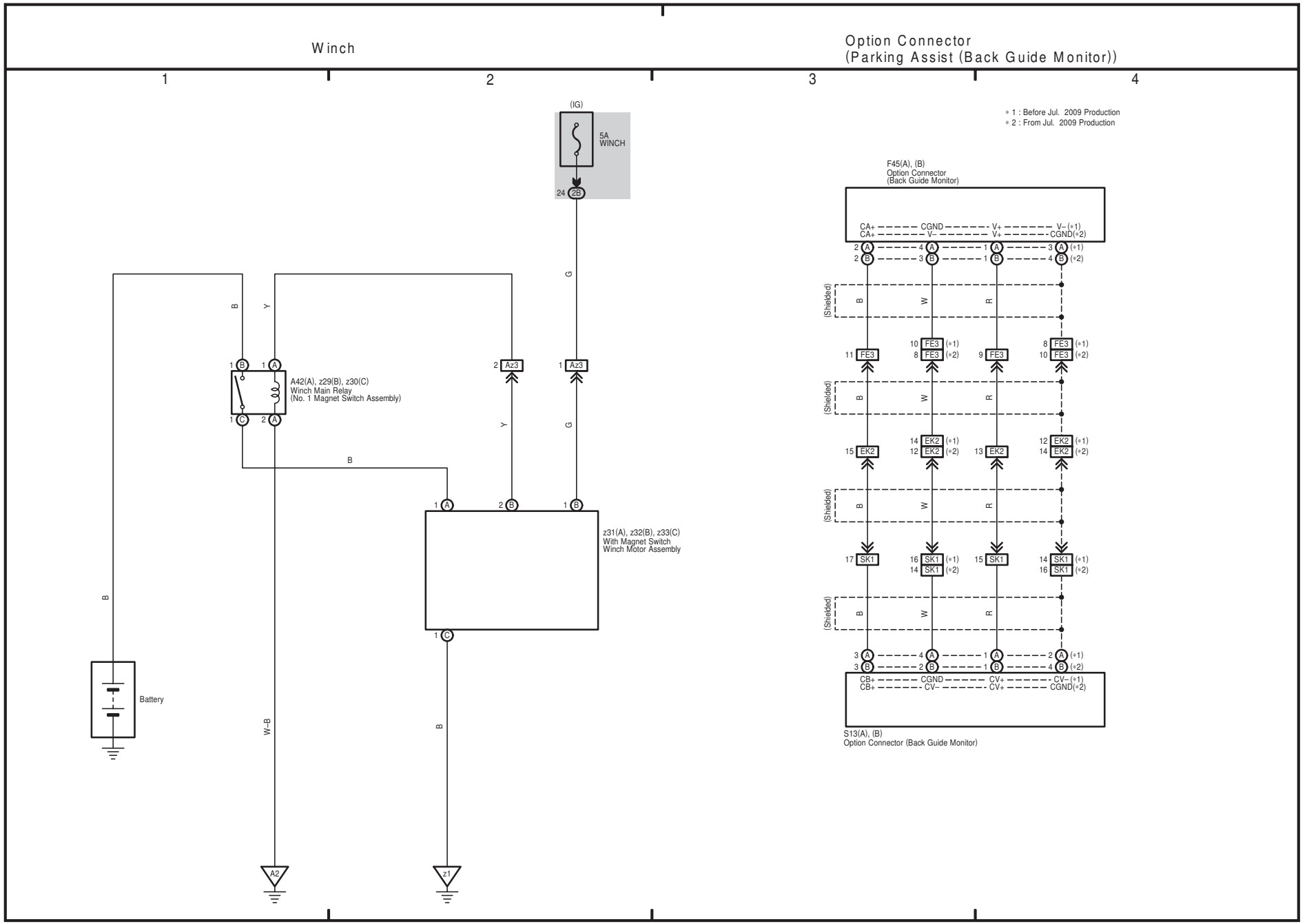
∗1 : w/ Rear A/C
∗2 : w/o Rear A/C
∗3 : w/ Viscous Heater
∗5 : Before Jul. 2009 Production
∗6 : From Jul. 2009 Production

Air Conditioner



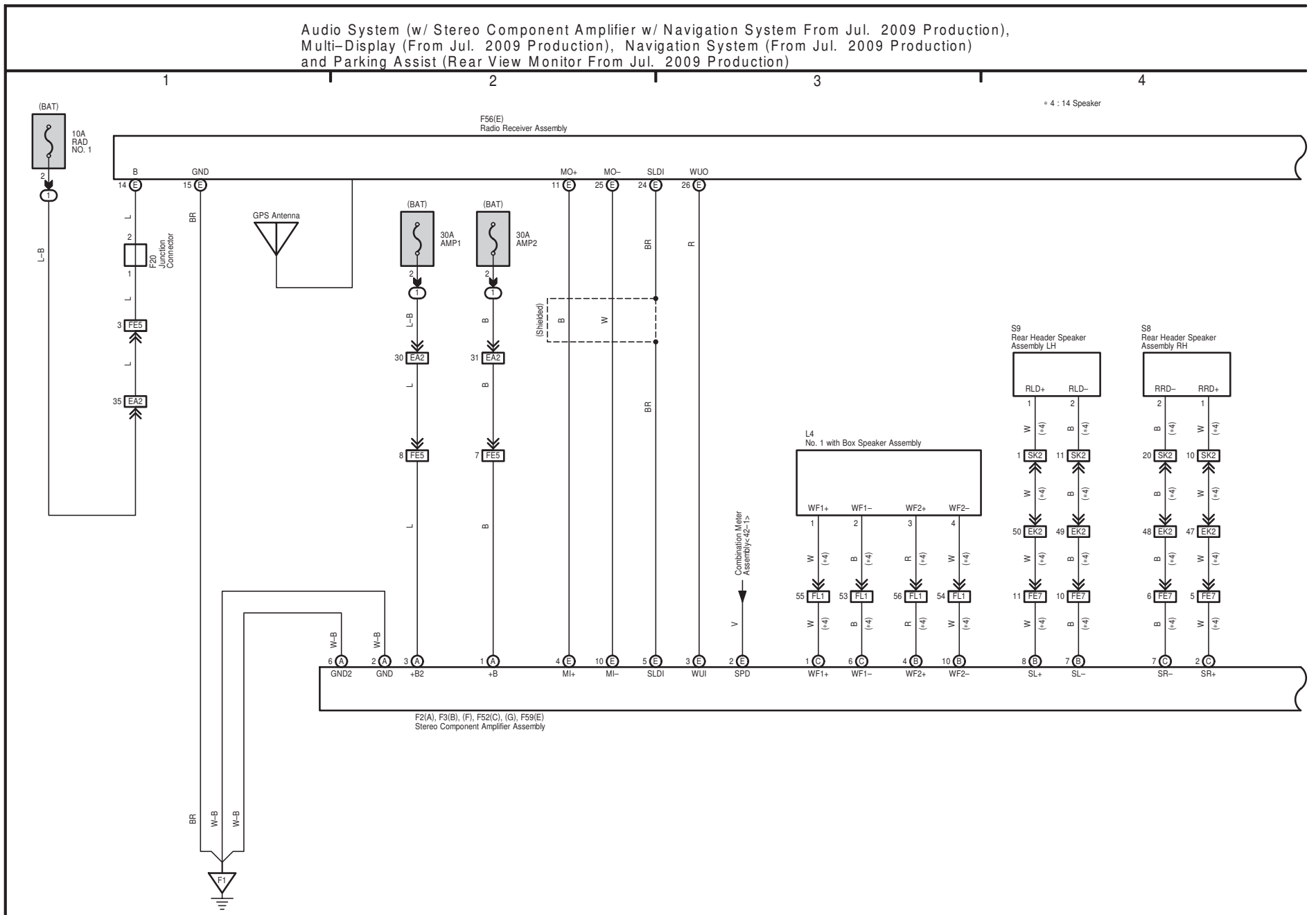

Air Conditioner
* 1 : w/ Rear A/C
* 3 : w/ Viscous Heater
29
30
31
32
(BAT)
50A
RR AUTO
A/C
(IG)
10A
ECU–IG
No. 2
7. 5A
PWR HTR
50A
PTC–1
50A
PTC–2
50A
PTC–3
R–B
R
R–B
AK3
Kz1
z51
Blower Motor Control
z49
Rear Blower
with Fan Motor
Sub–Assembly
E60
Junction
Connector
E55
No. 2 A/C Control Assembly
IG
Rear A/C Control Switch
RLIN
E
E59
Junction
Connector
E62
Junction
Connector
VSCS HTR
Relay
PTC HTR1
Relay
PTC HTR2
Relay
PTC HTR3
Relay
CA1
C98
Viscous with Magnet
Clutch Heater Assembly
MG+
EA2
A34
Junction
Connector
E33(A), E34(B)
Quick Heater
Assembly
Y(*3)
L(*1)
L(*1)
G
(*3)
K2
E1
E3
A3
A1
(LHD)
(RHD)


Cool Box
1
2
3
4
(BAT)
5A
ECU–B1
2
1
R–L
13
2B
14
2D
R
86
E59
Junction
Connector
66
R
4
+B
(IG)
10A
A/C IG
9
2D
G
91
E58
Junction
Connector
81
G
1
B
Air Conditioning Amplifier
Cooler Thermistor
Cooler Magnet
Valve
2A
Diode
Noise
Filter
Cooler Control Switch
M
Cooler
Blower
Fan
L
COOLI
6
5
E90
Cooling Box Assembly
W–B
W
4
E66
Junction
Connector
1
W–B
E2
A/C Amplifier Assembly
<44–6>


Winch
Option Connector
(Parking Assist (Back Guide Monitor))
1
2
3
4
(IG)
5A
WINCH
24 2B
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
F45(A), (B)
Option Connector
(Back Guide Monitor)
CA+ CGND V+ V–(*1)
CA+ V– V+ CGND(*2)
(Shielded)
FE3
EK2
SK1
CB+ CGND CV+ CV–(*1)
CB+ CV– CV+ CGND(*2)
S13(A), (B)
Option Connector (Back Guide Monitor)
A42(A), z29(B), z30(C)
Winch Main Relay
(No. 1 Magnet Switch Assembly)
z31(A), z32(B), z33(C)
With Magnet Switch
Winch Motor Assembly
Battery
A2
z1

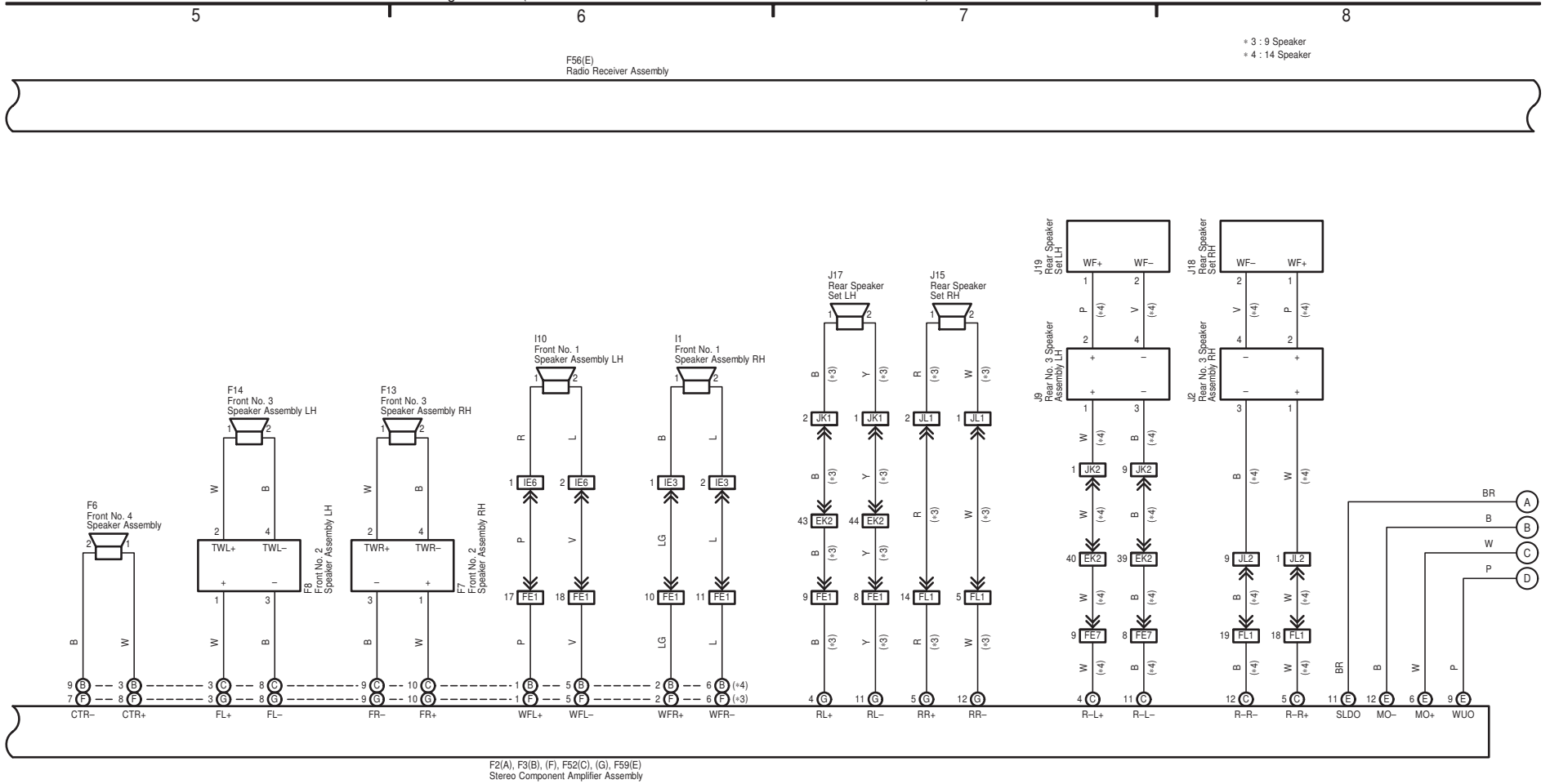
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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



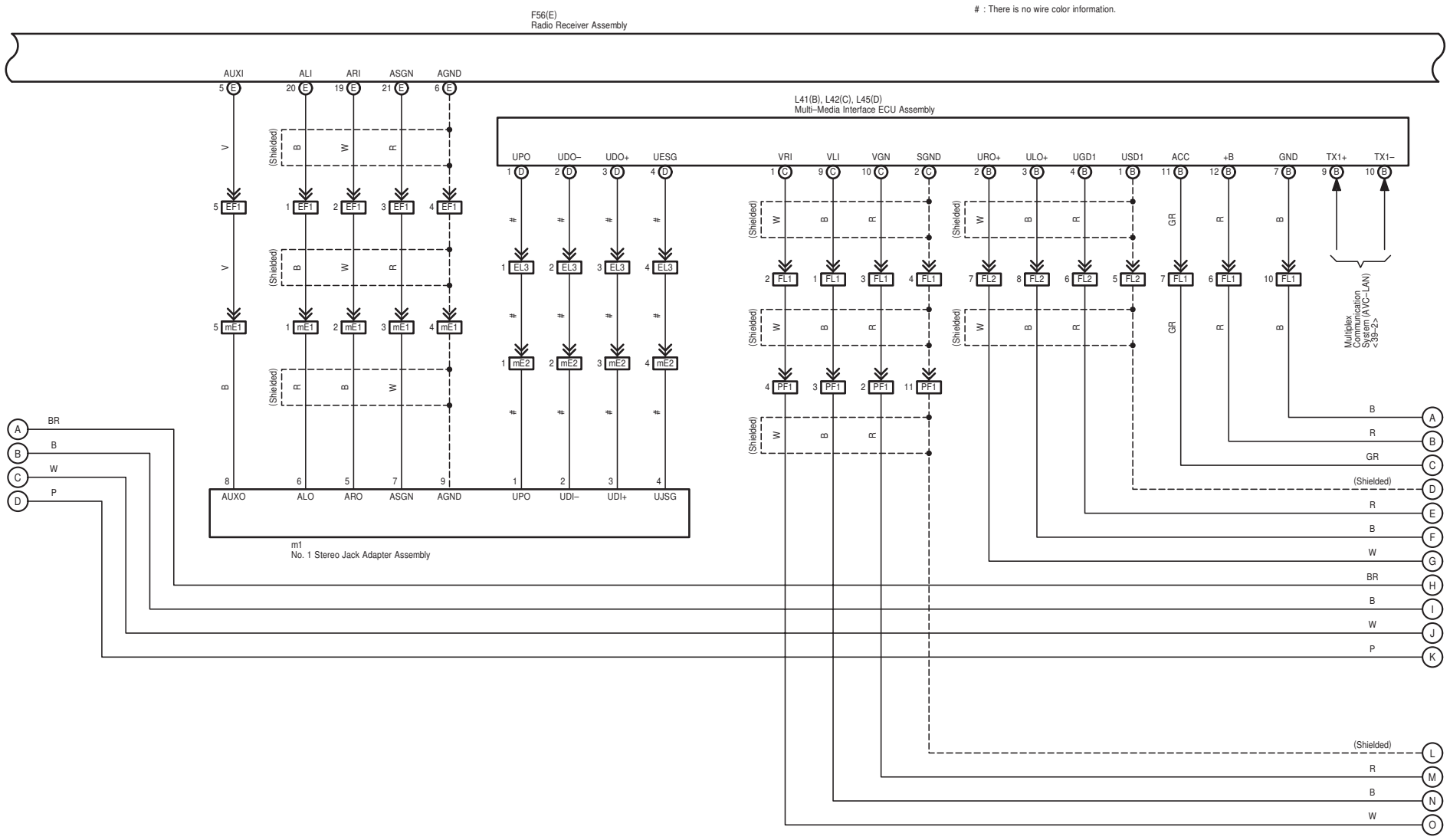
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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)

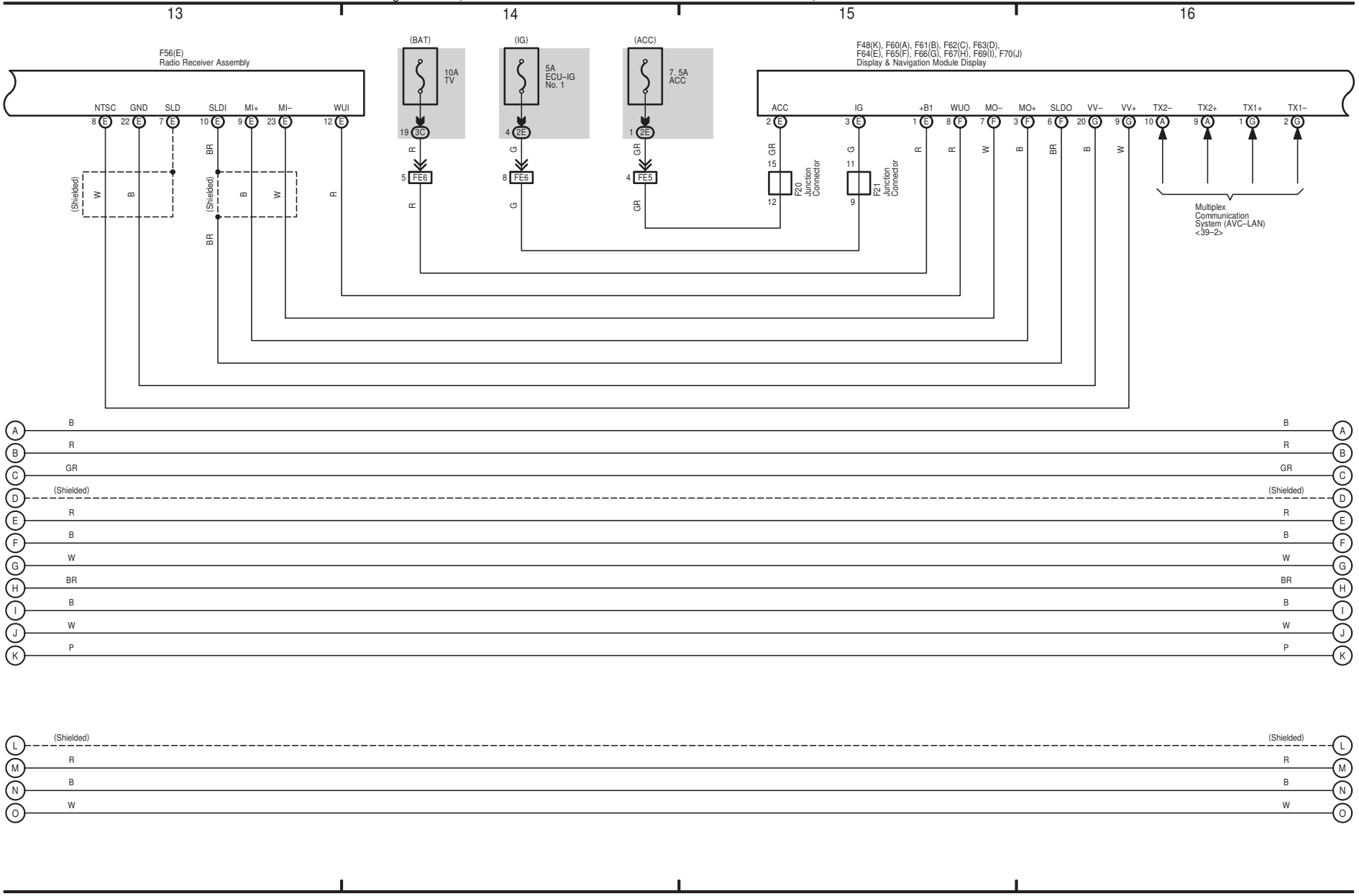


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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)

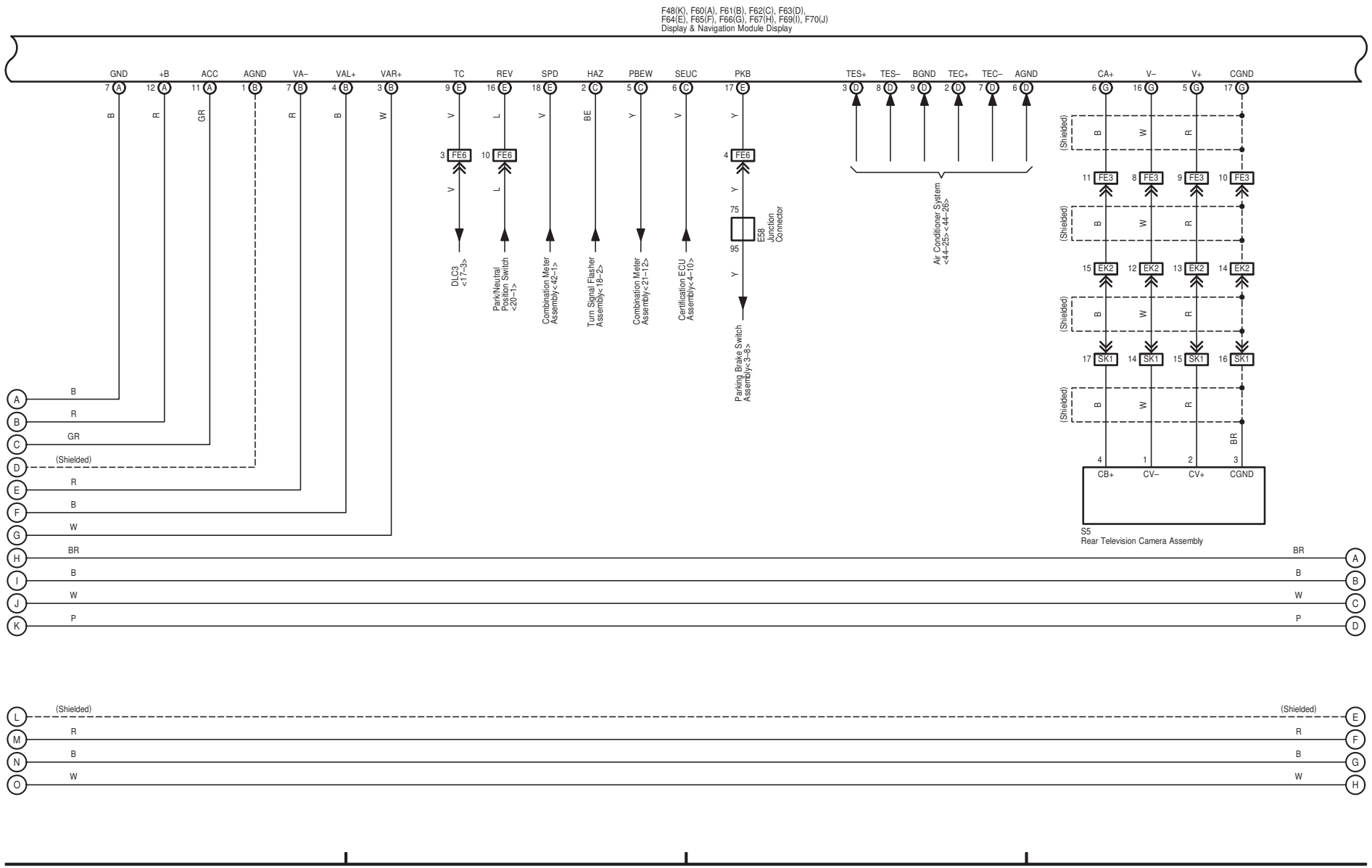


Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



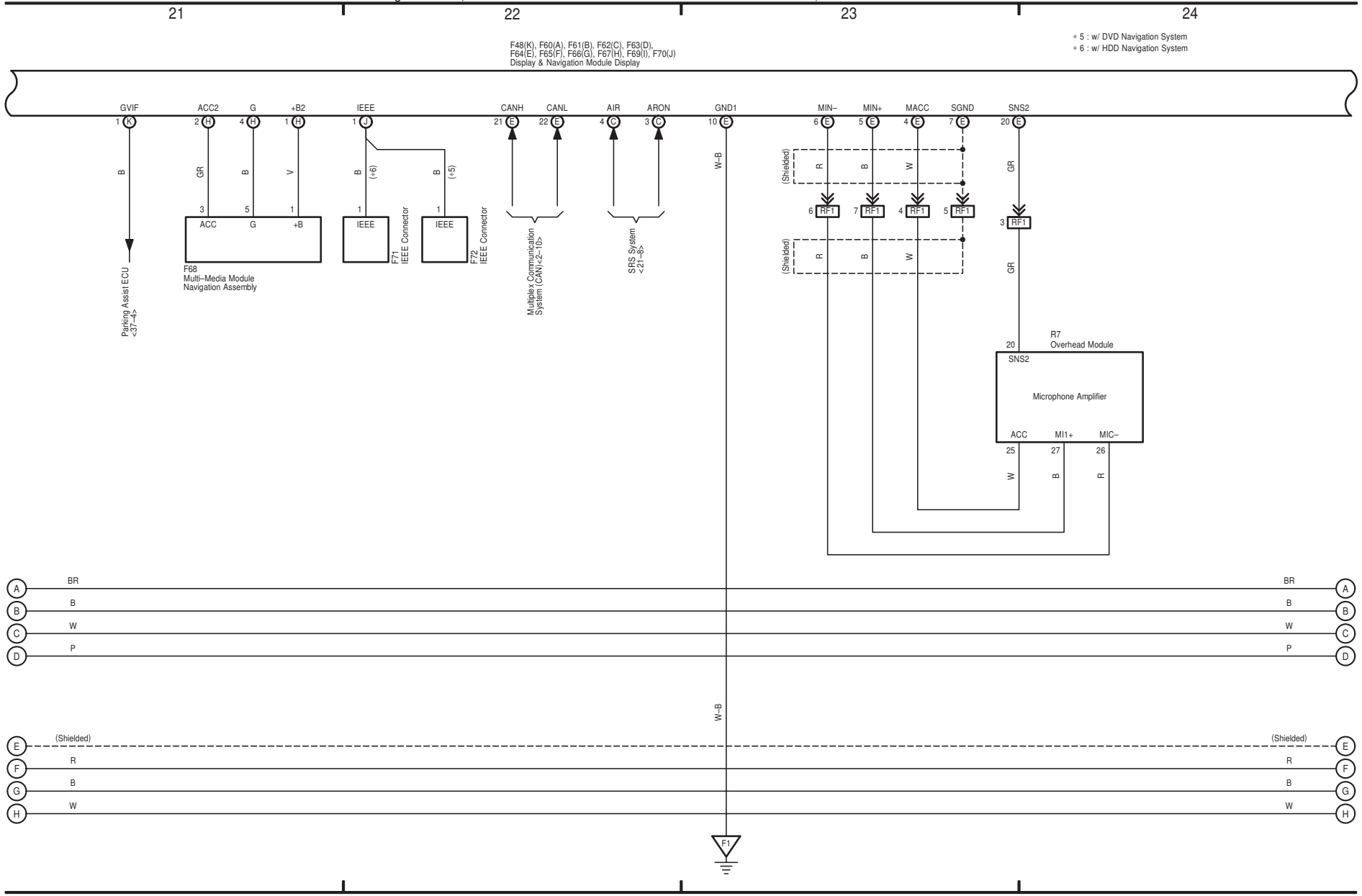
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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



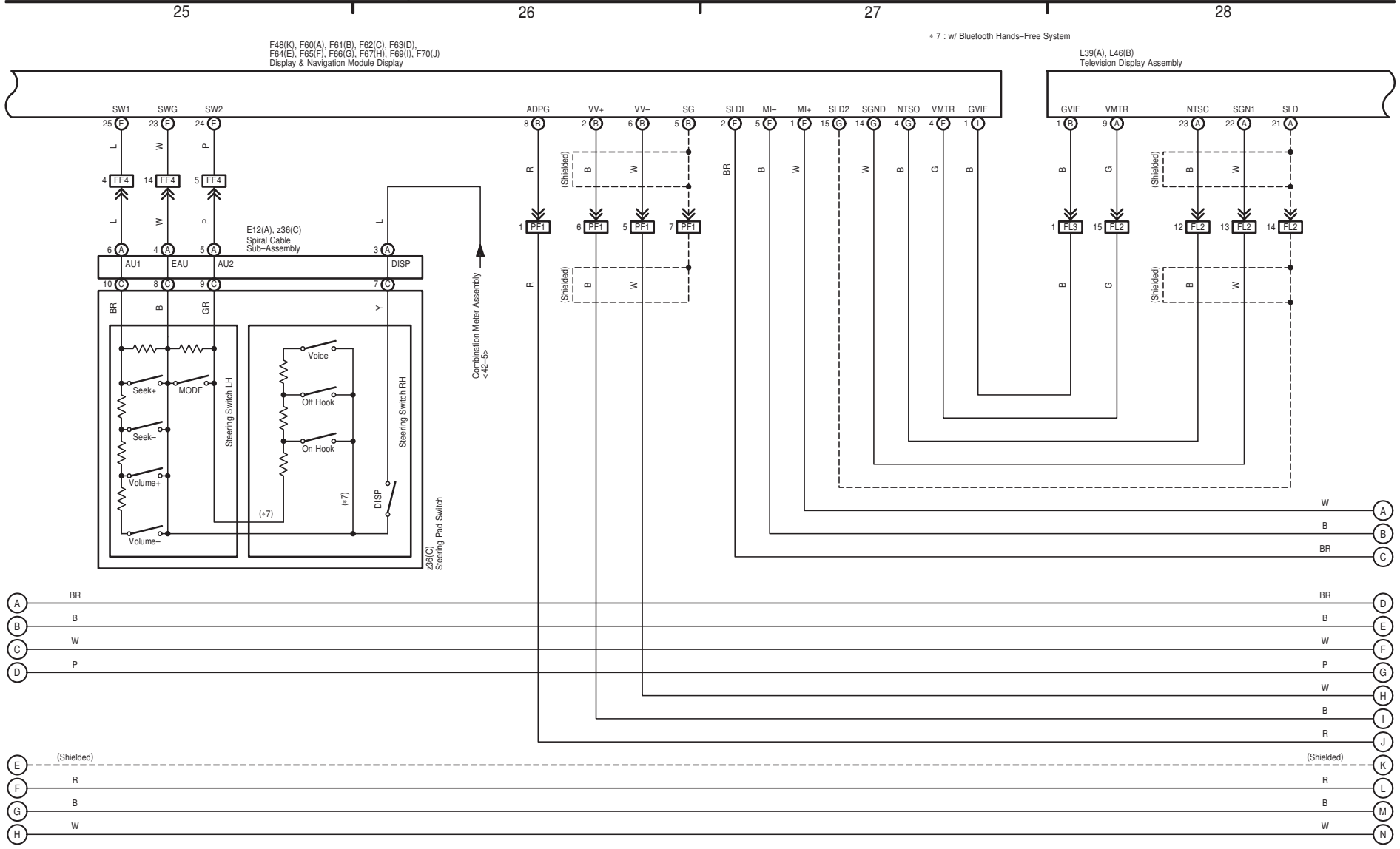
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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



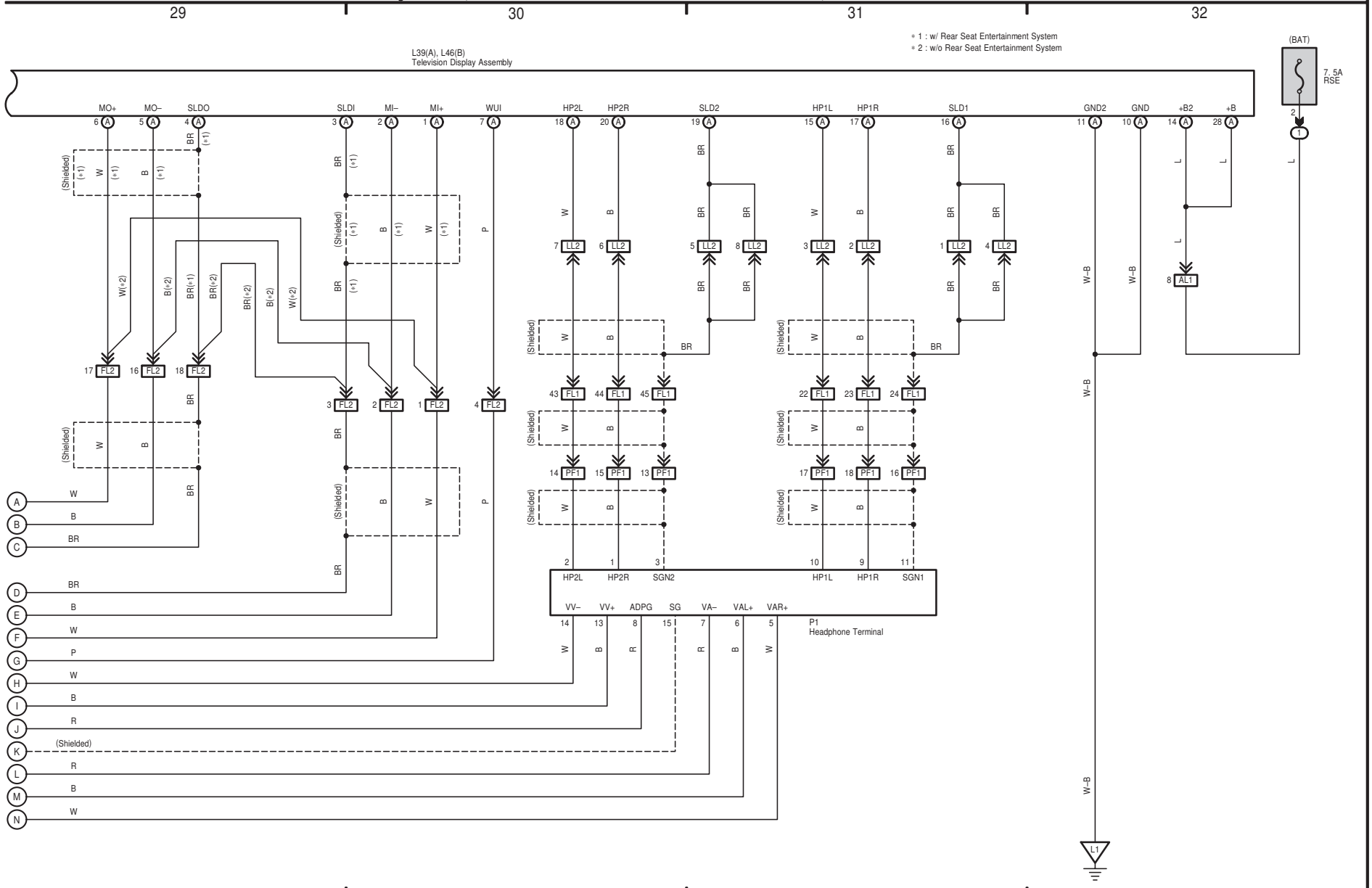
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



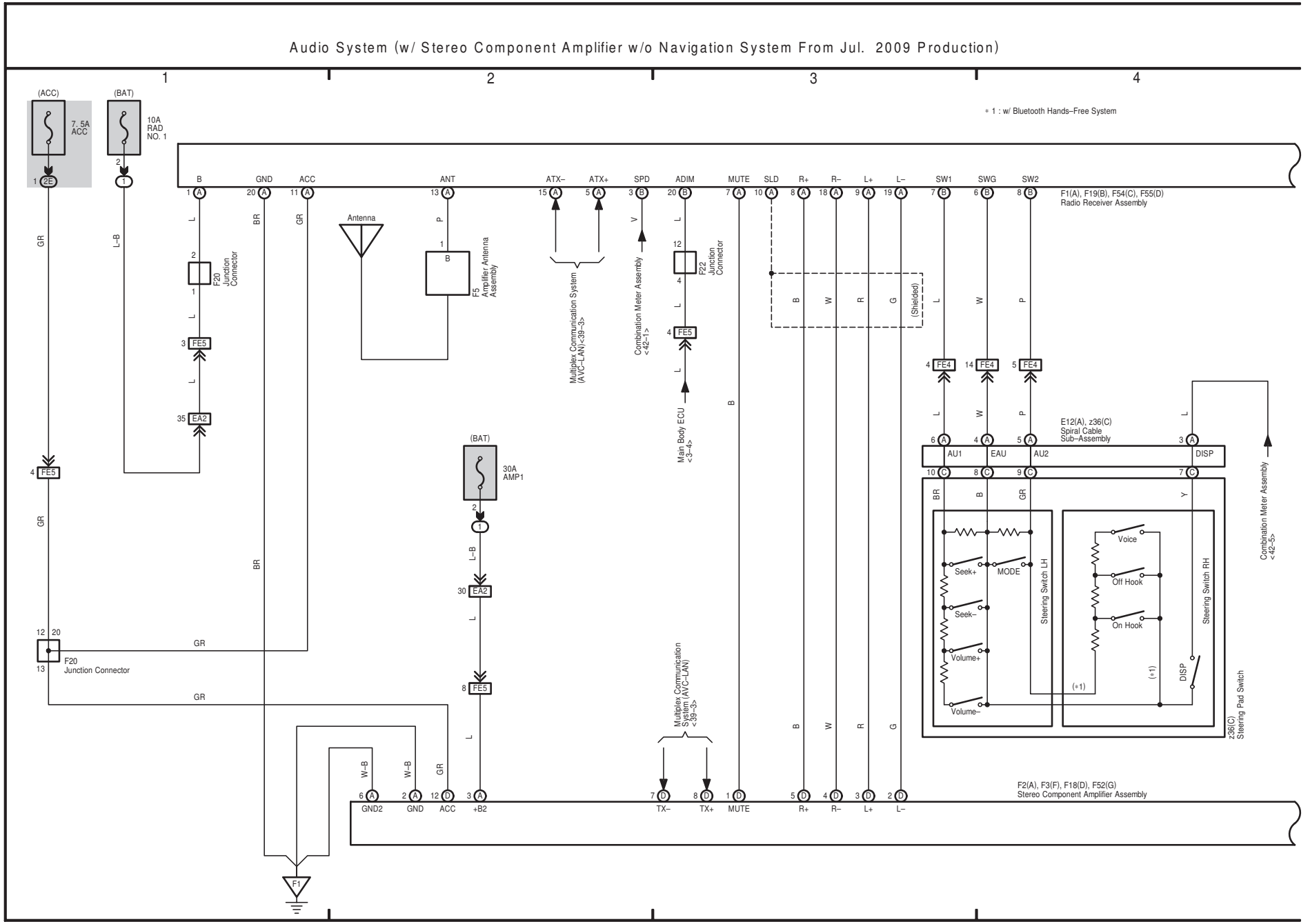
47 LAND CRUISER Station Wagon (Cont' d)

Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



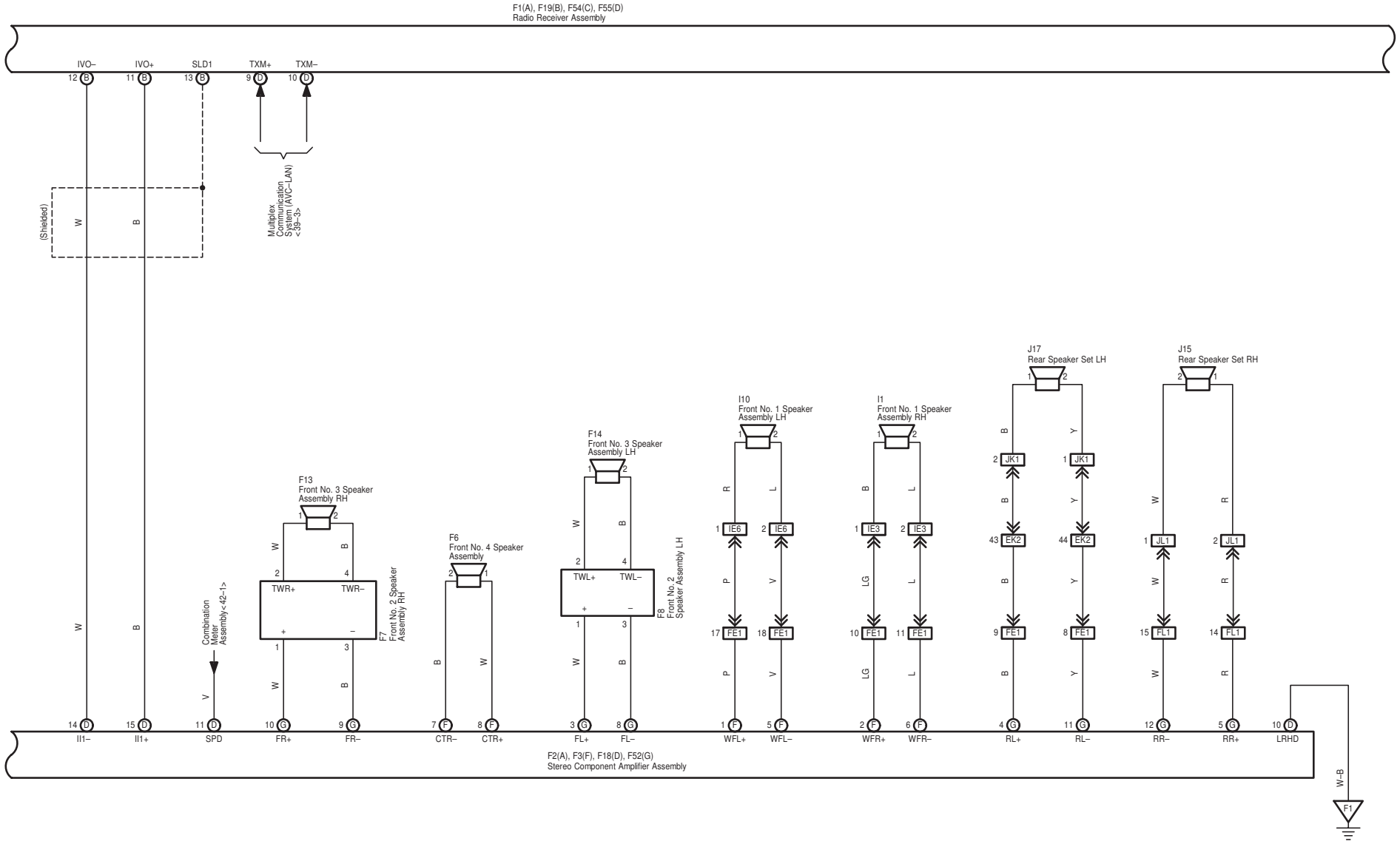
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/o Navigation System From Jul. 2009 Production)

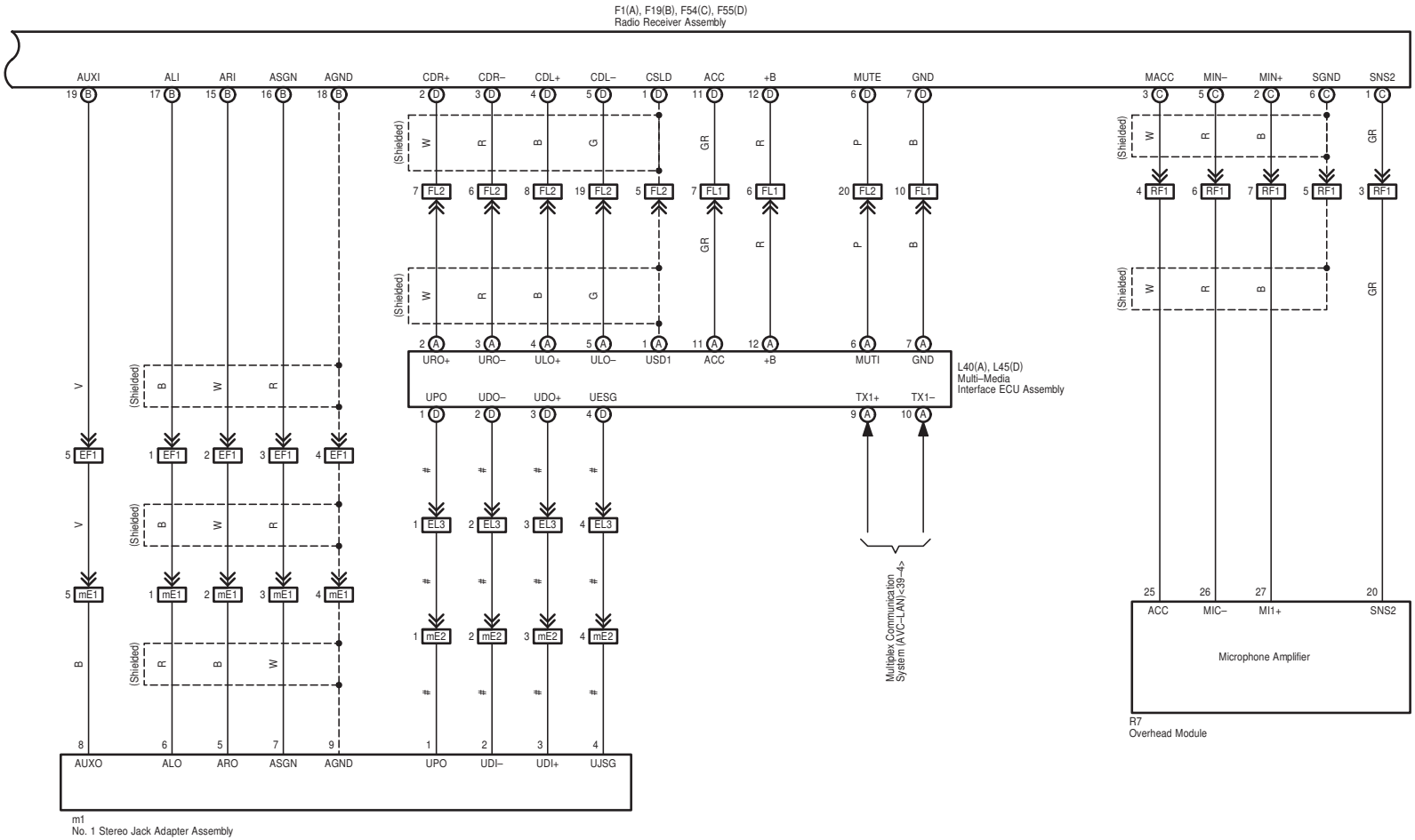


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Audio System (w/ Stereo Component Amplifier w/o Navigation System From Jul. 2009 Production)



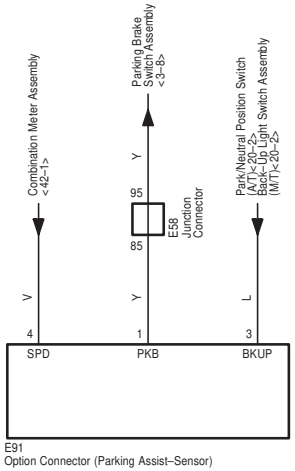
Audio System (w/ Stereo Component Amplifier w/o Navigation System From Jul. 2009 Production)

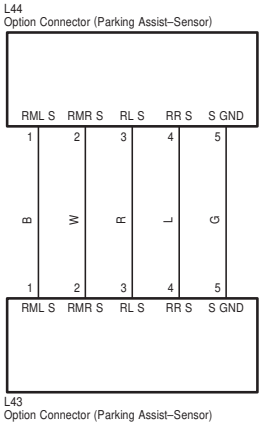


: There is no wire color information.

Option Connector (Parking Assist (Parking Assist–Sensor))

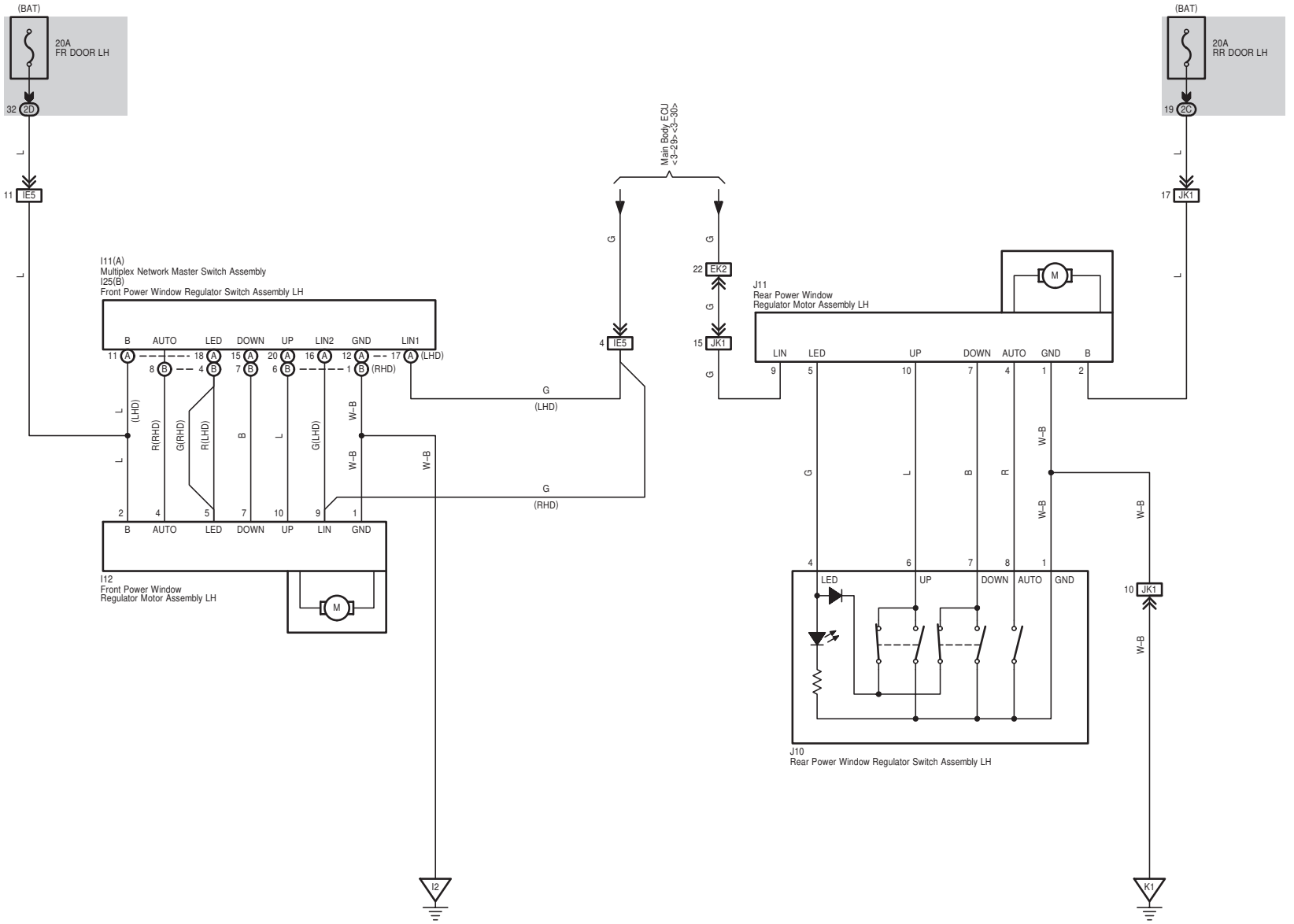
1 2 3 4

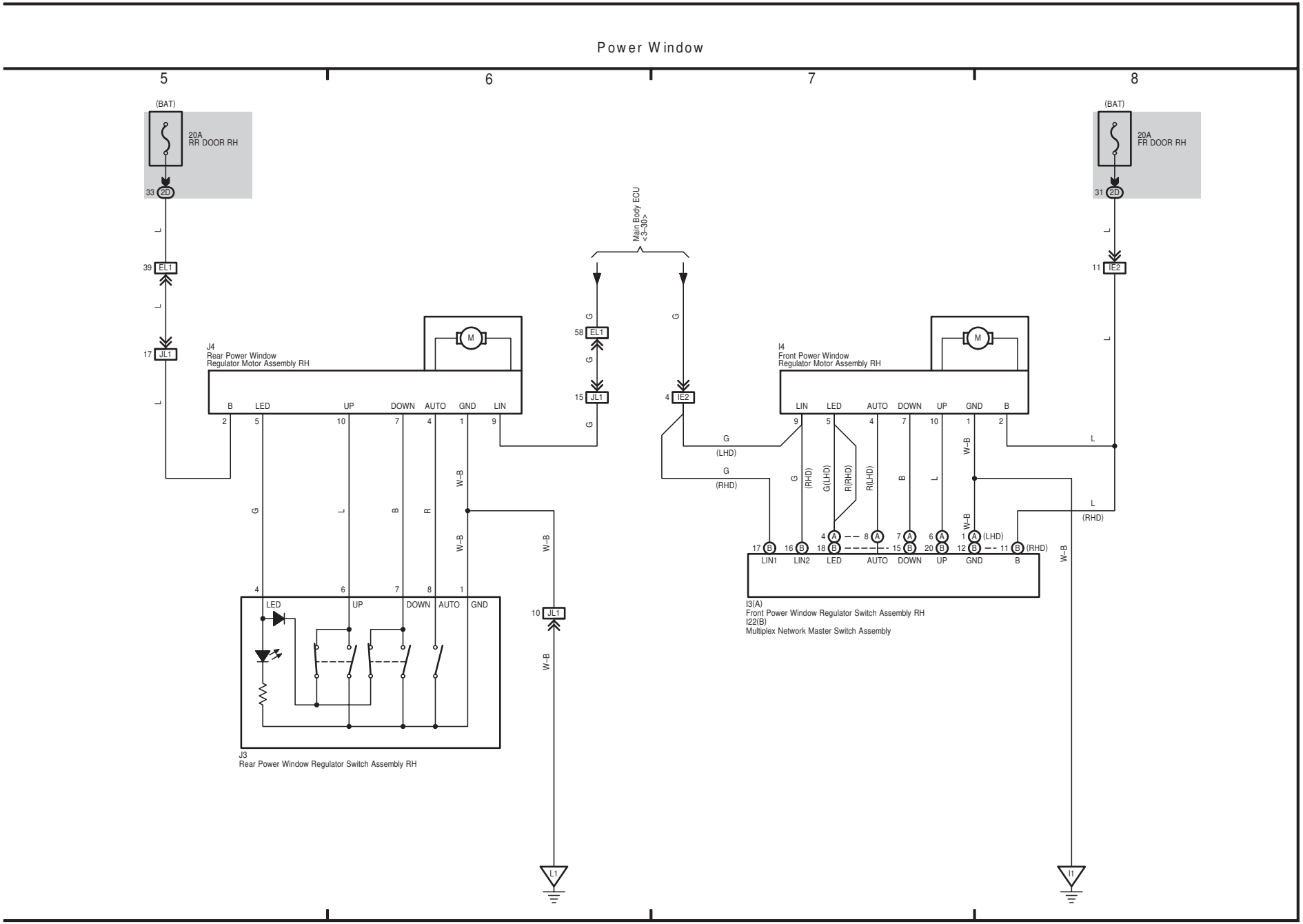




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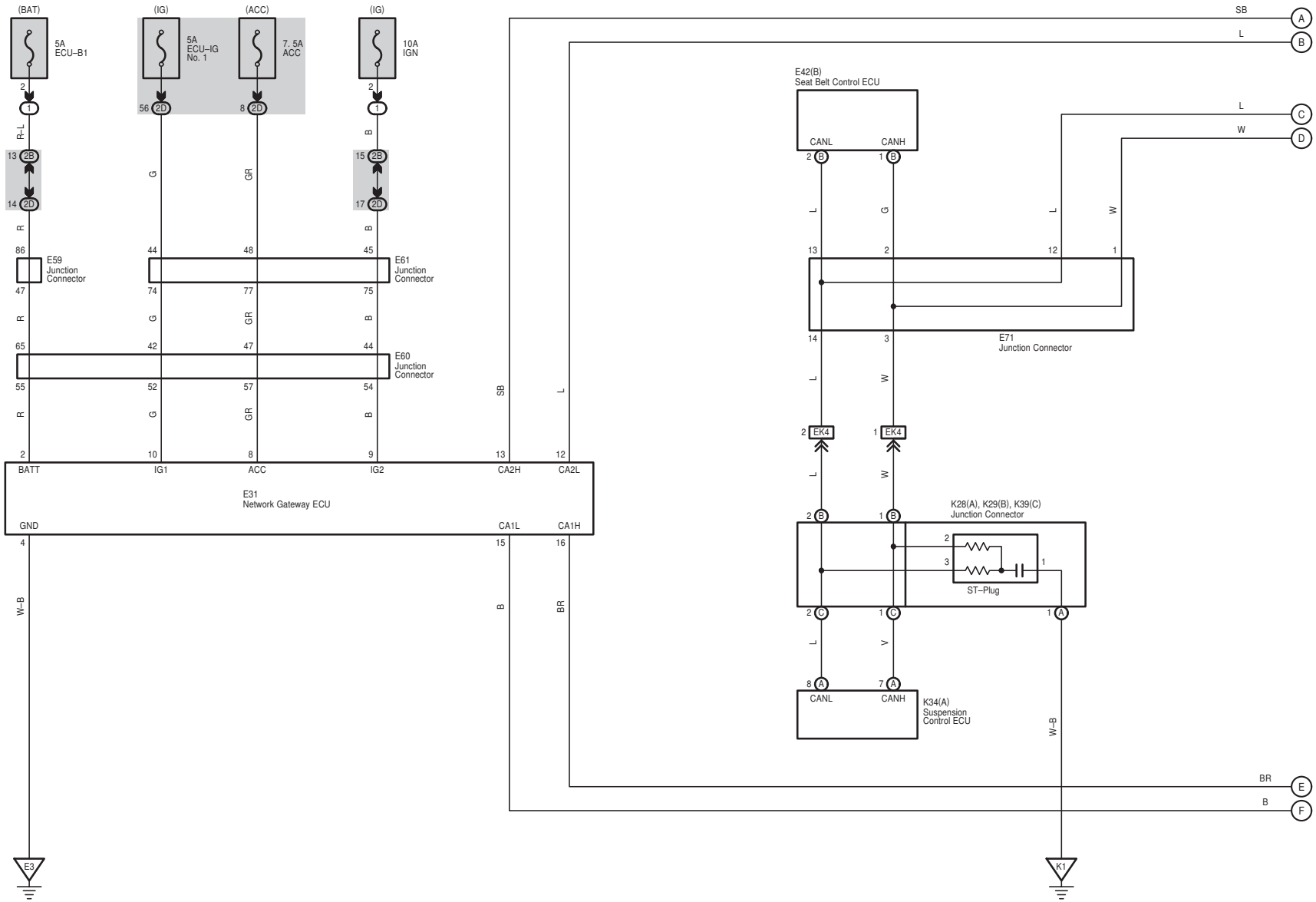
Power Window




Power Window
5
6
7
8
(BAT)
20A
RR DOOR RH
33 2D
39 EL1
17 JL1
J4
Rear Power Window
Regulator Motor Assembly RH
B LED UP DOWN AUTO GND LIN
2 5 10 7 4 1 9
Main Body ECU
<3-5D>
58 EL1
15 JL1
4 IE2
G
(LHD)
G
(RHD)
4 6 7 8 1
LED UP DOWN AUTO GND
J3
Rear Power Window Regulator Switch Assembly RH
10 JL1
W-B
L1
(BAT)
20A
FR DOOR RH
31 2D
11 IE2
I4
Front Power Window
Regulator Motor Assembly RH
LIN LED AUTO DOWN UP GND B
9 5 4 7 10 1 2
17 16 18 15 20 12 11
LIN1 LIN2 LED AUTO DOWN UP GND B
(LHD)
(RHD)
I3(A)
Front Power Window Regulator Switch Assembly RH
I22(B)
Multiplex Network Master Switch Assembly
I1

(Cont. next page)

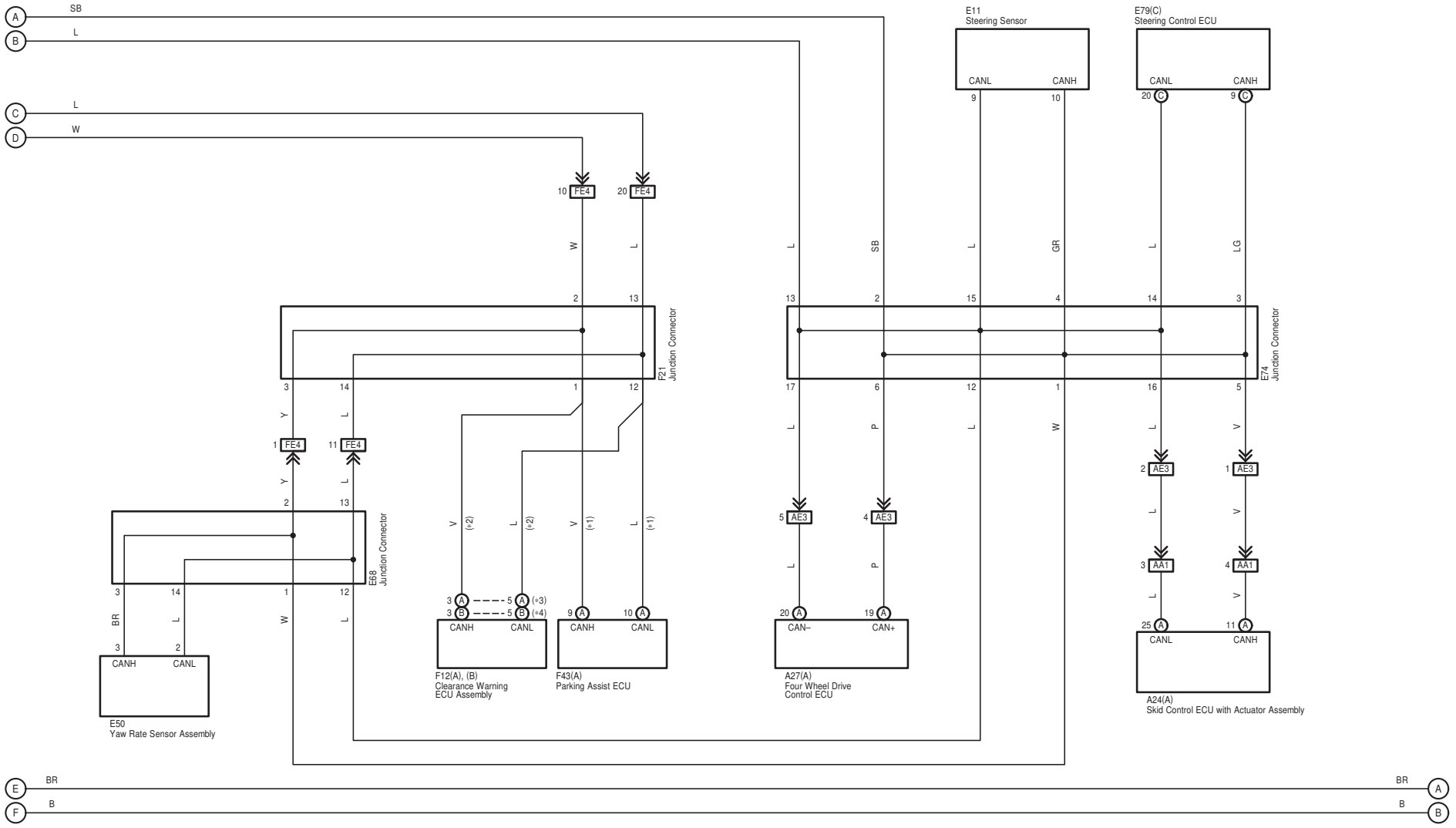
Multiplex Communication System (CAN RHD)



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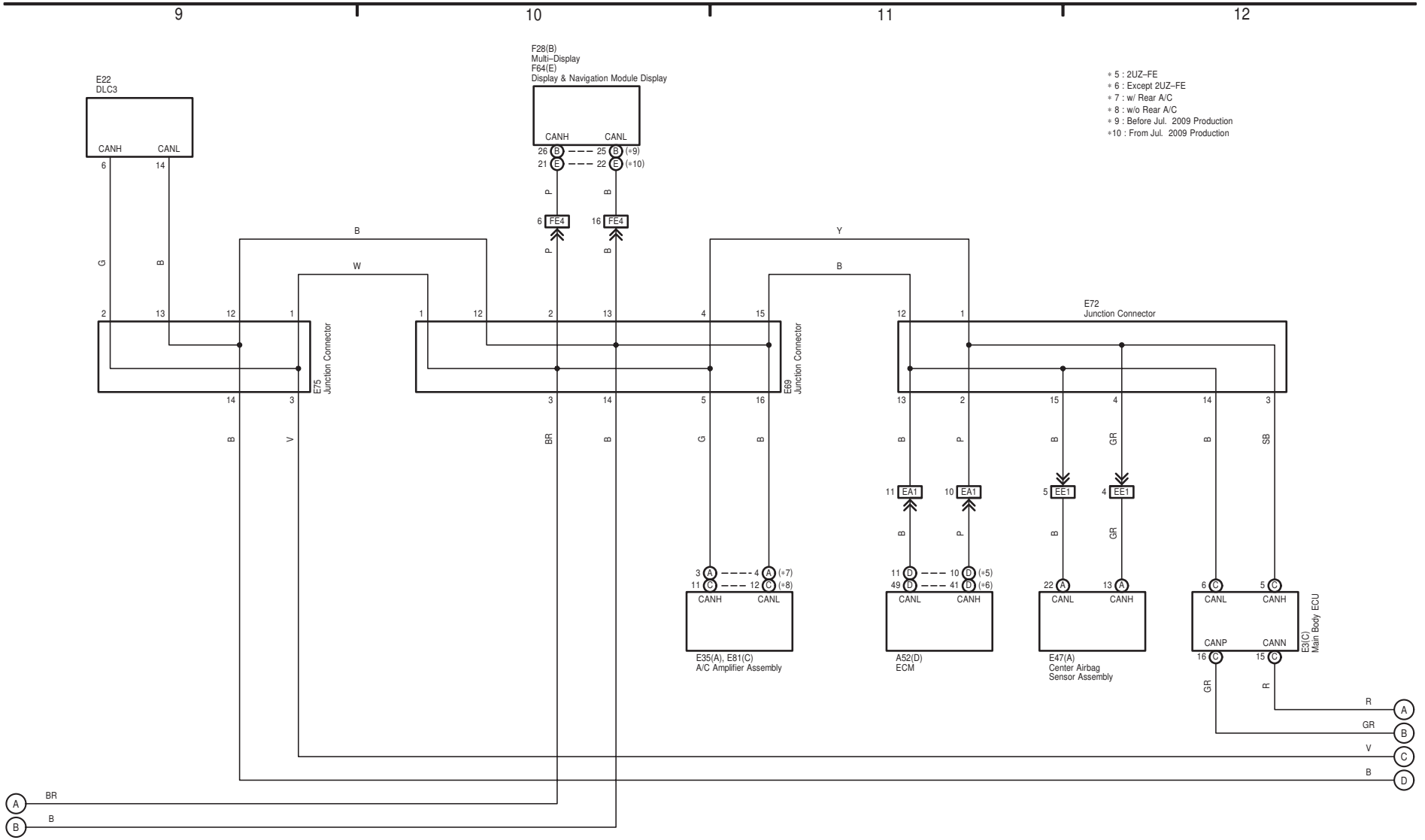
Multiplex Communication System (CAN RHD)

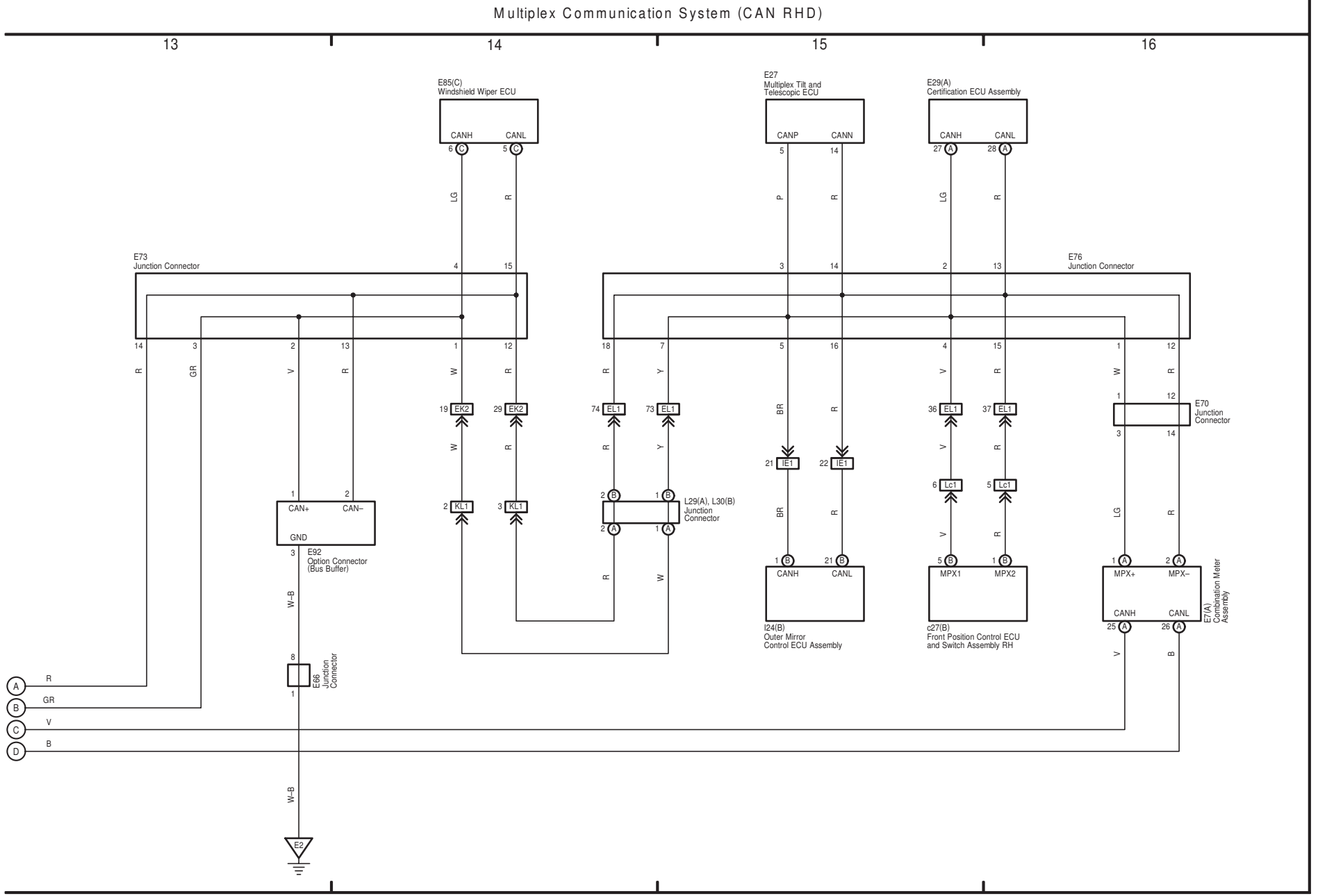
* 1 : w/ Back Guide Monitor
* 2 : w/o Back Guide Monitor
* 3 : Before Aug. 2007 Production
* 4 : From Aug. 2007 Production

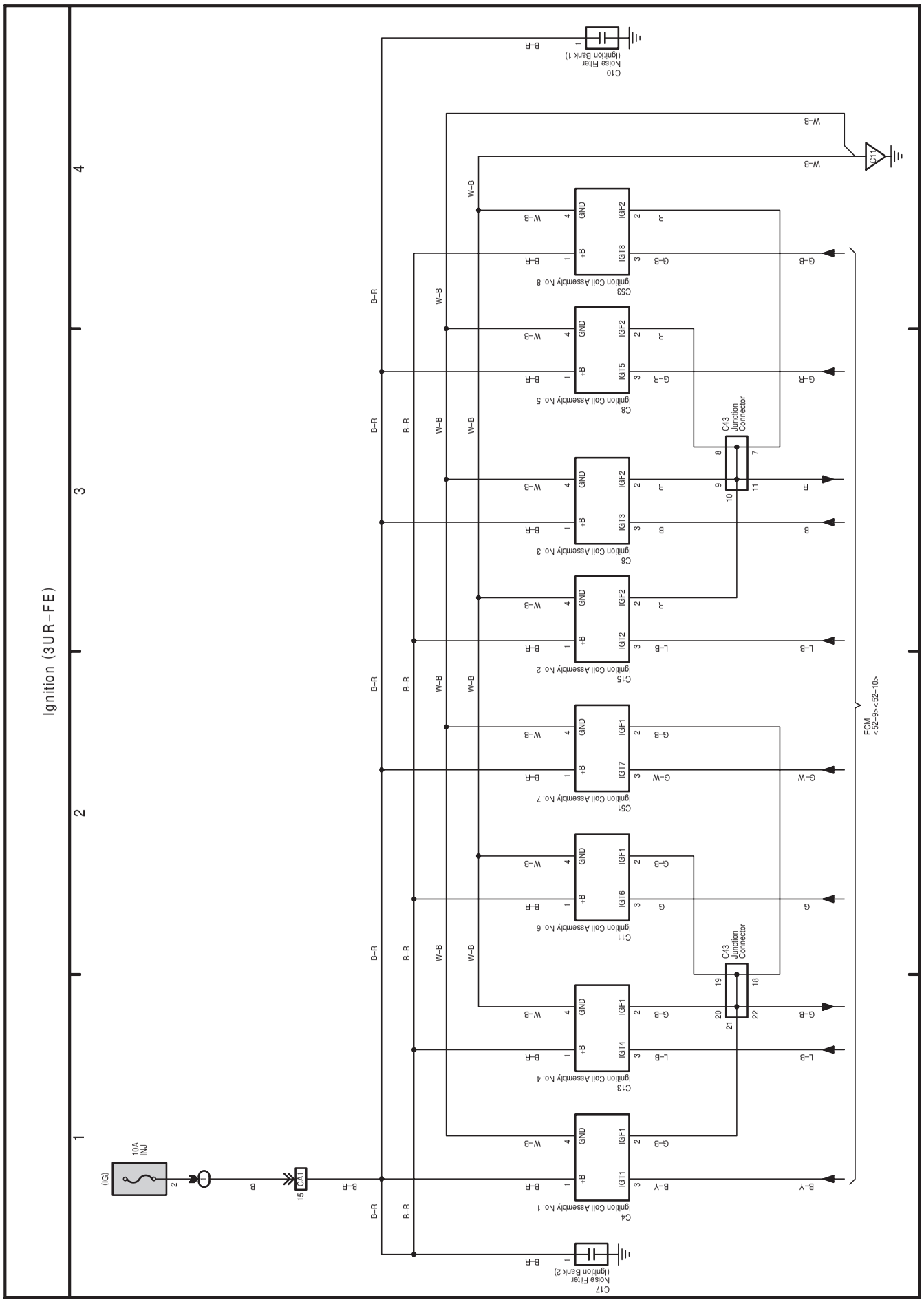


(Cont. next page)

Multiplex Communication System (CAN RHD)

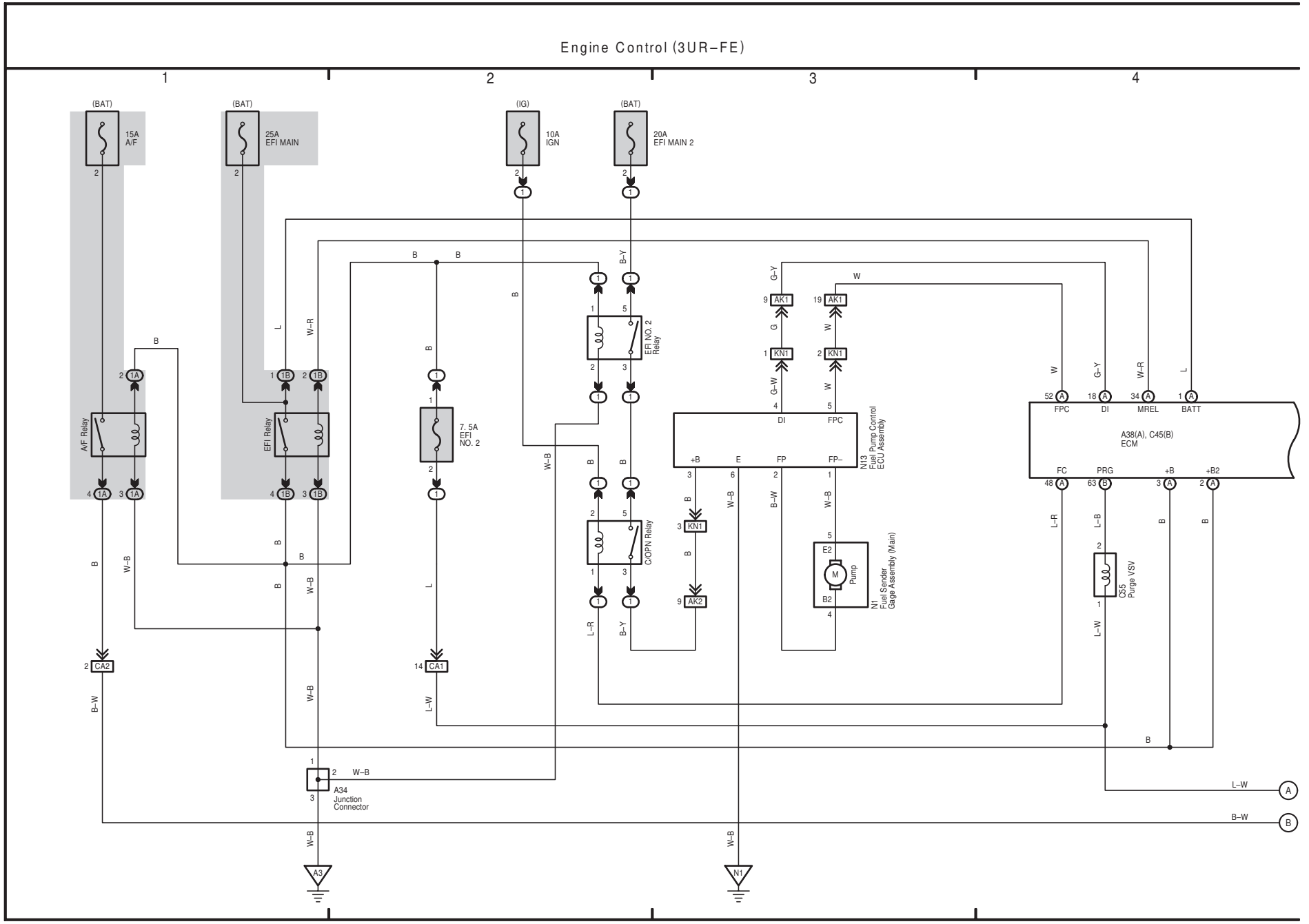



Multiplex Communication System (CAN RHD)
13
14
15
16
E85(C)
Windshield Wiper ECU
CANH
CANL
E27
Multiplex Tilt and
Telescopic ECU
CANP
CANN
E29(A)
Certification ECU Assembly
E73
Junction Connector
E76
Junction Connector
E70
Junction
Connector
CAN+
CAN–
GND
E92
Option Connector
(Bus Buffer)
E66
Junction
Connector
E2
L29(A), L30(B)
Junction
Connector
I24(B)
Outer Mirror
Control ECU Assembly
c27(B)
Front Position Control ECU
and Switch Assembly RH
MPX1
MPX2
MPX+
MPX–
E7(A)
Combination Meter
Assembly
EK2
KL1
EL1
IE1
Lc1
R
GR
V
B
W–B
LG
P
BR
W
Y


Ignition (3UR-FE)
1
2
3
4
51 LAND CRUISER Station Wagon
(IG)
10A
INJ
2
15
CA1
C10
Noise Filter
(Ignition Bank 1)
C17
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil Assembly No. 1
C13
Ignition Coil Assembly No. 4
C11
Ignition Coil Assembly No. 6
C51
Ignition Coil Assembly No. 7
C15
Ignition Coil Assembly No. 2
C6
Ignition Coil Assembly No. 3
C8
Ignition Coil Assembly No. 5
C53
Ignition Coil Assembly No. 8
C43
Junction
Connector
ECM
<32-9><52-10>
GND
+B
IGF1
IGF2
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGT7
IGT8
B-R
W-B
B-Y
G-B
G-W
L-B

(Cont. next page)

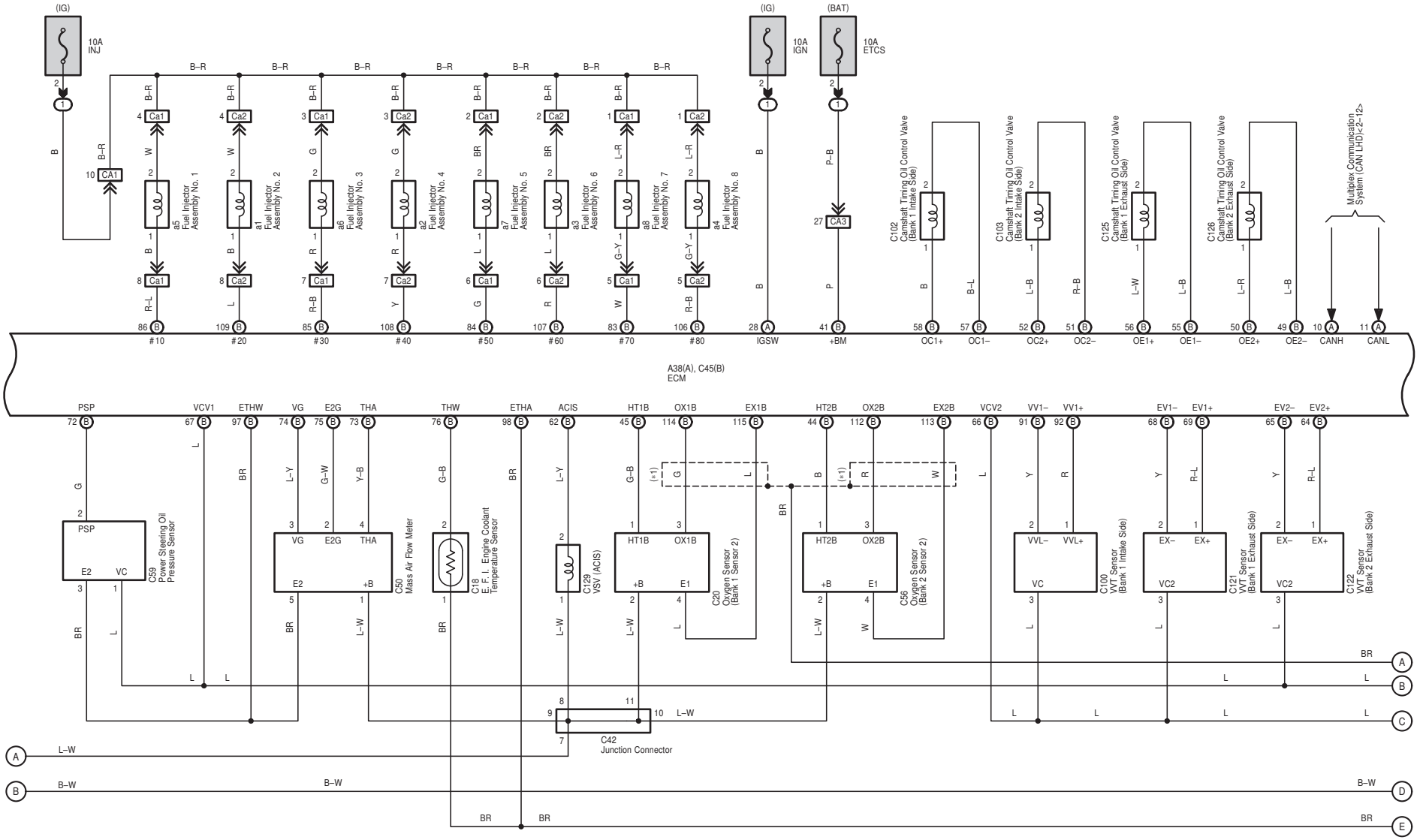
Engine Control (3UR–FE)



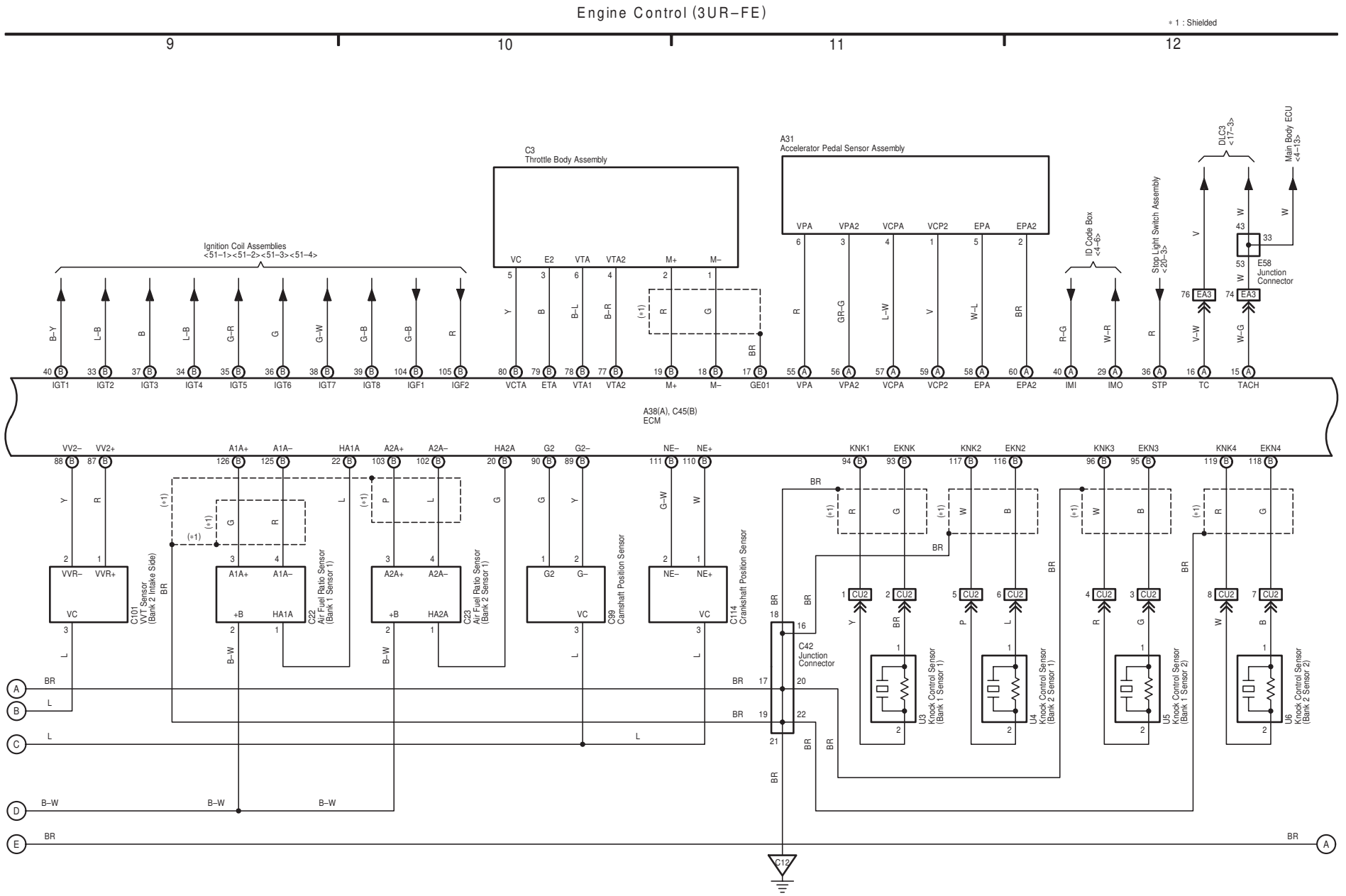
(Cont. next page)

Engine Control (3UR–FE)

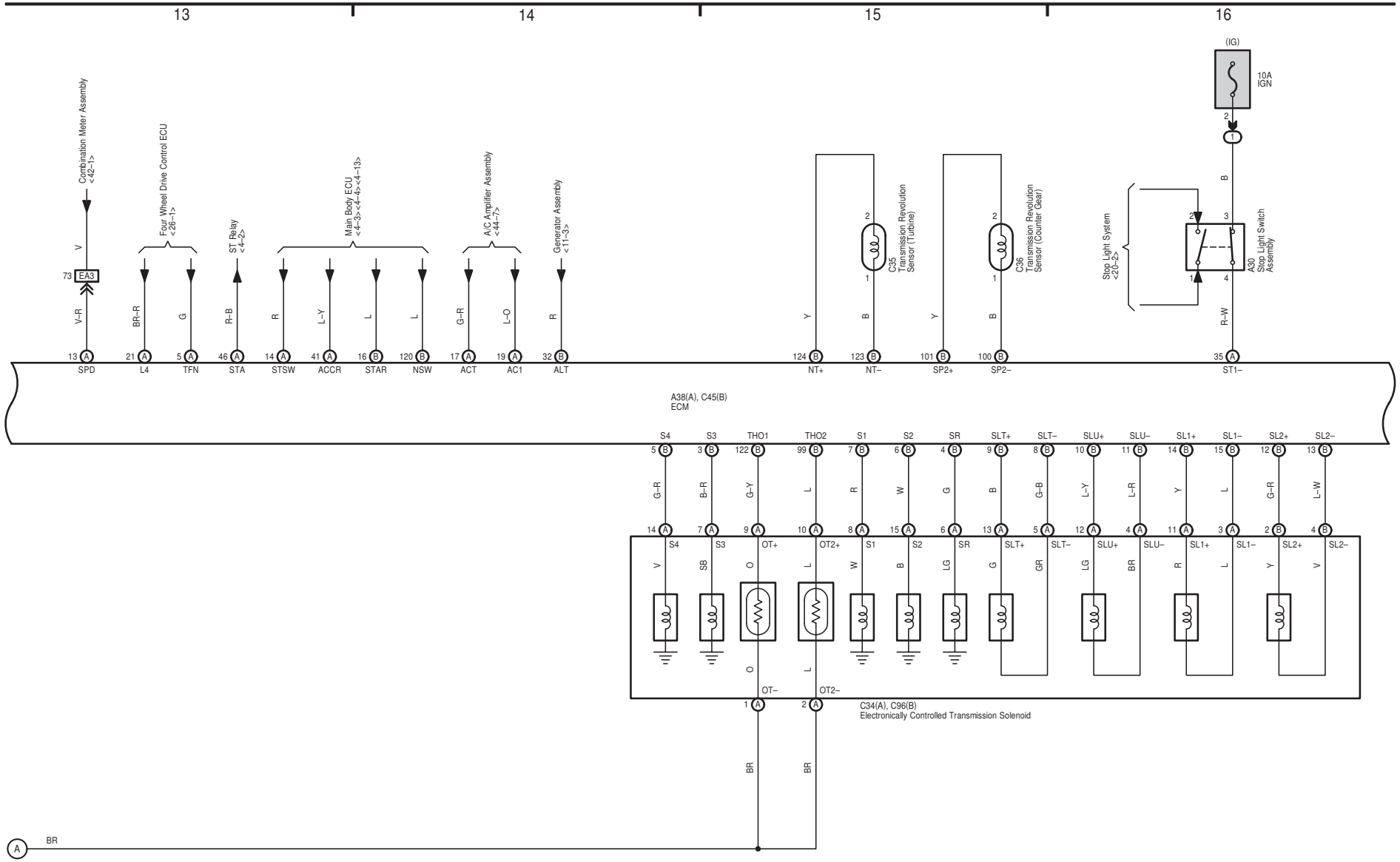
* 1 : Shielded

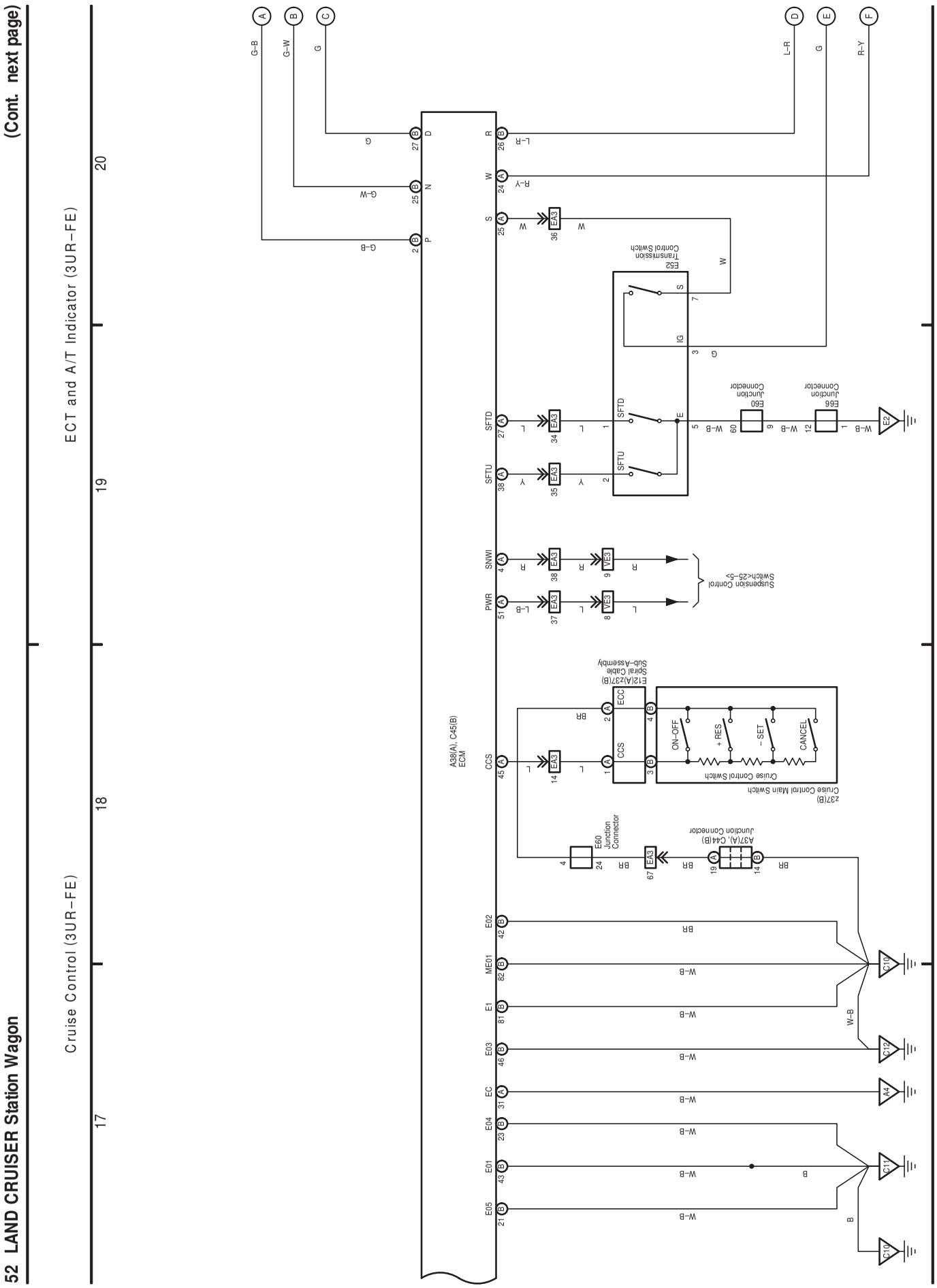


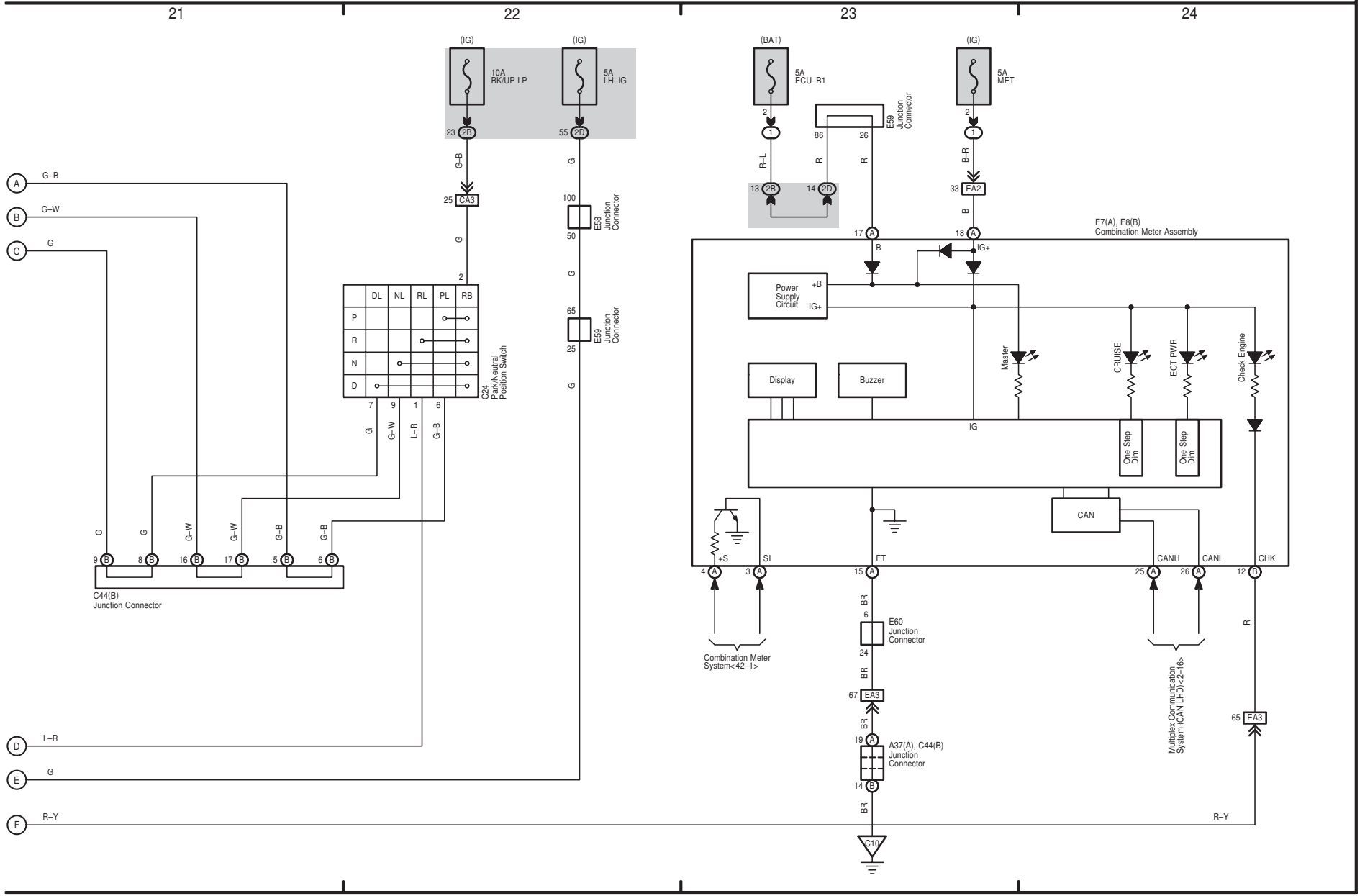
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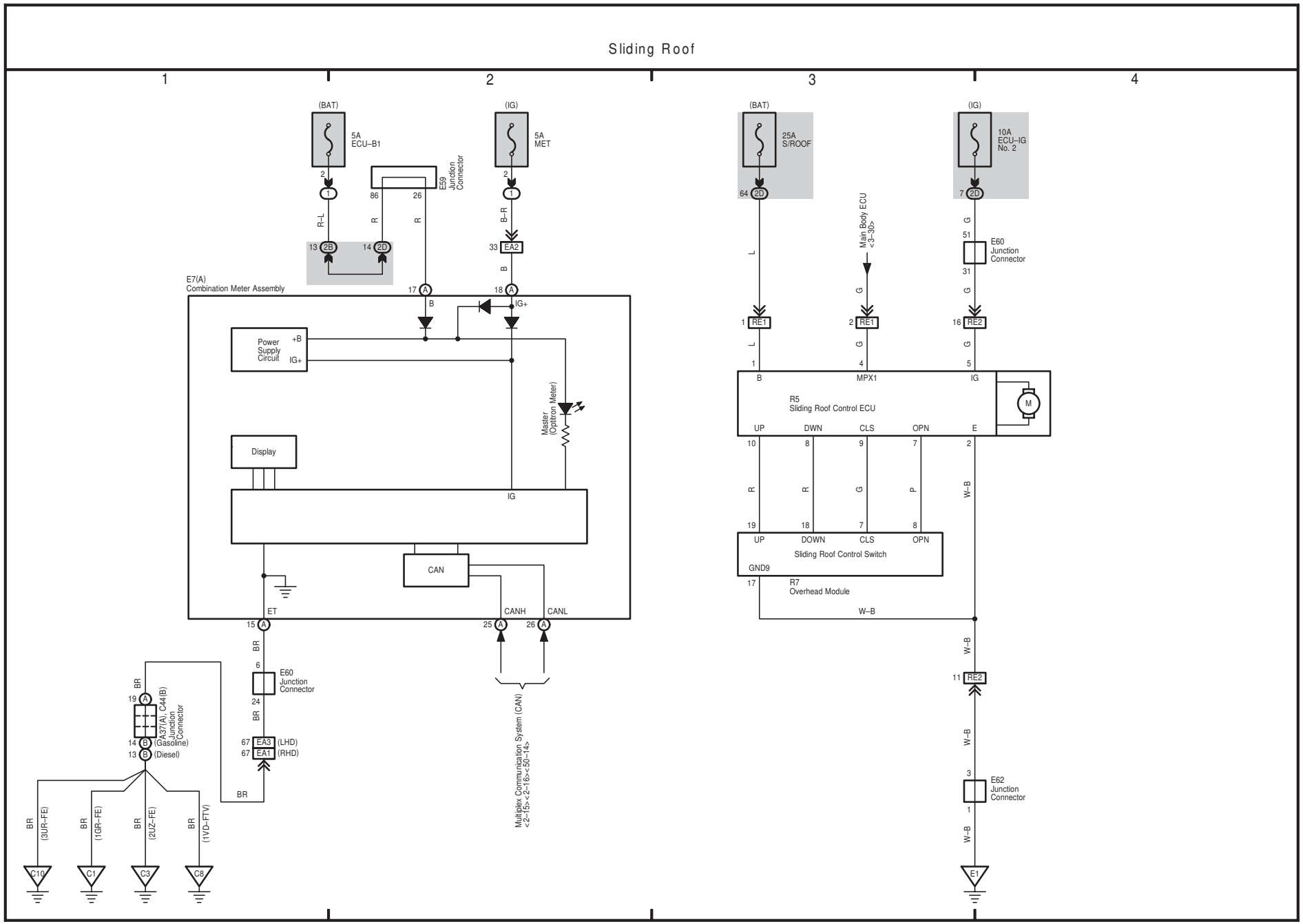


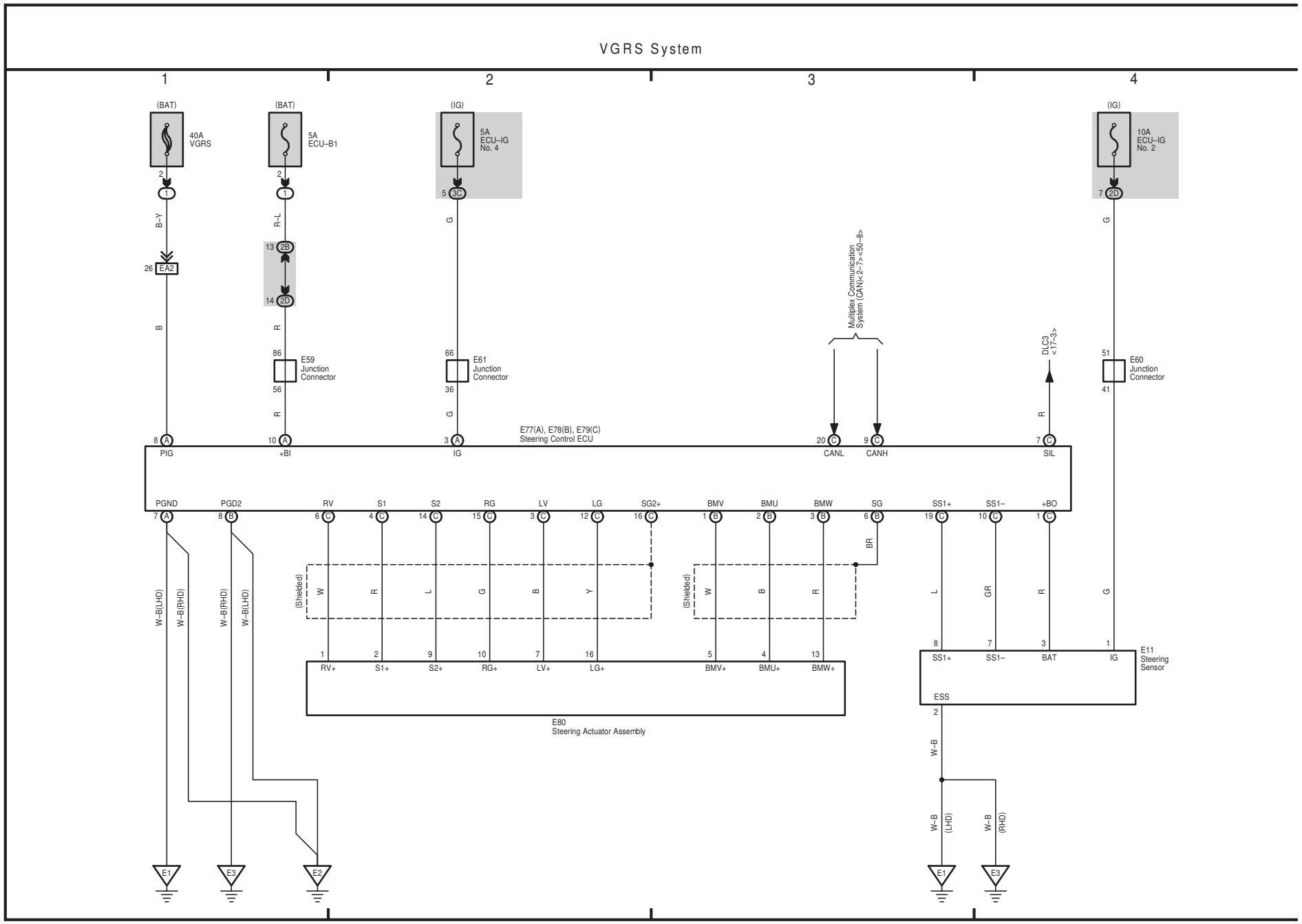
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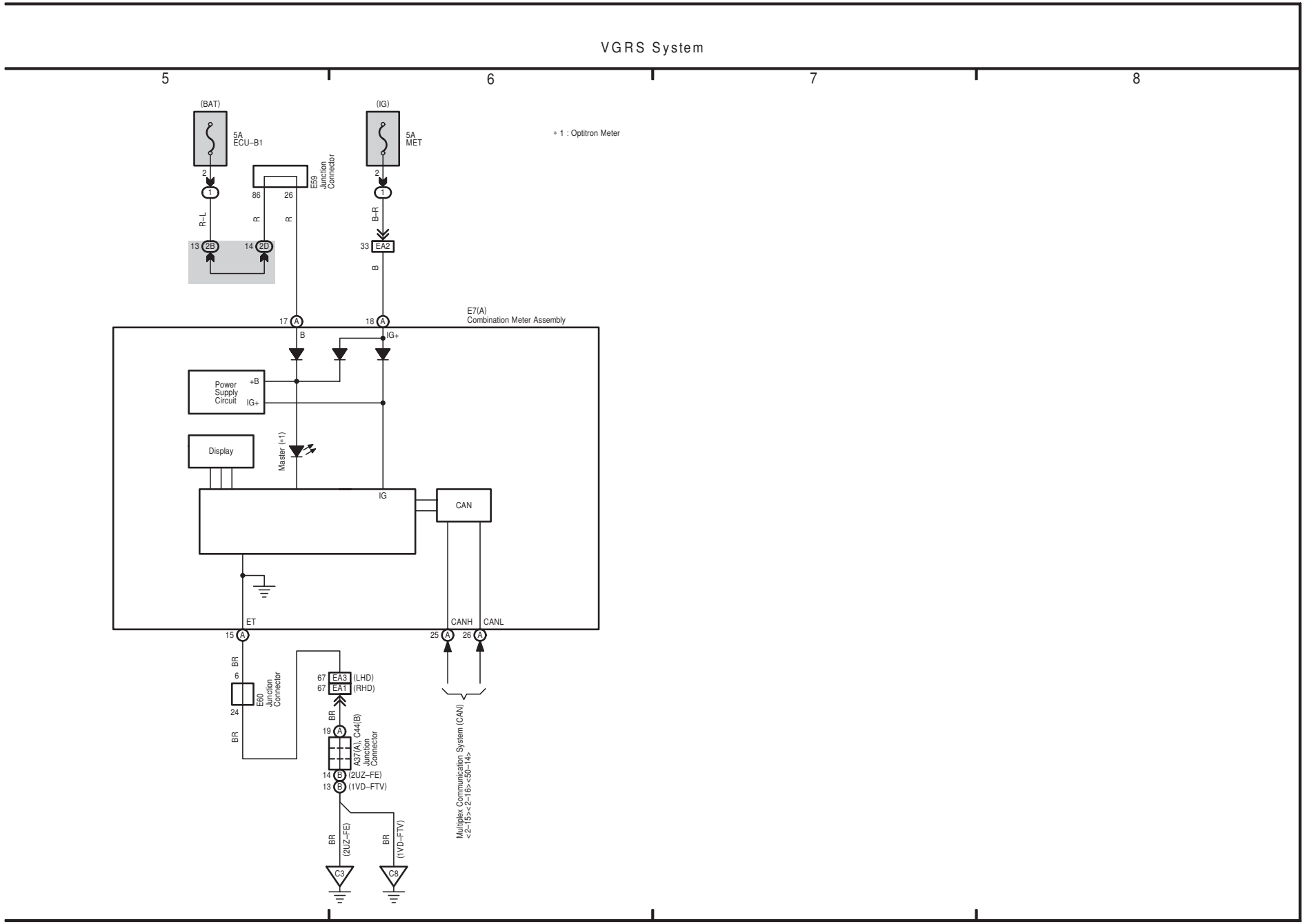



(Cont. next page)
52 LAND CRUISER Station Wagon
Cruise Control (3UR-FE)
ECT and A/T Indicator (3UR-FE)
17
18
19
20
A38(A), C45(B) ECM
Suspension Control Switch<2S-5>
E12(A),237(B) Spiral Cable Sub-Assembly
Cruise Control Switch
ON-OFF
+ RES
- SET
CANCEL
237(B) Cruise Control Main Switch
E60 Junction Connector
A37(A), C44(B) Junction Connector
E52 Transmission Control Switch
SFTD
SFTU
SNWI
PWR
CCS
E02
ME01
E1
E03
E0
E04
E01
E05
W-B
B

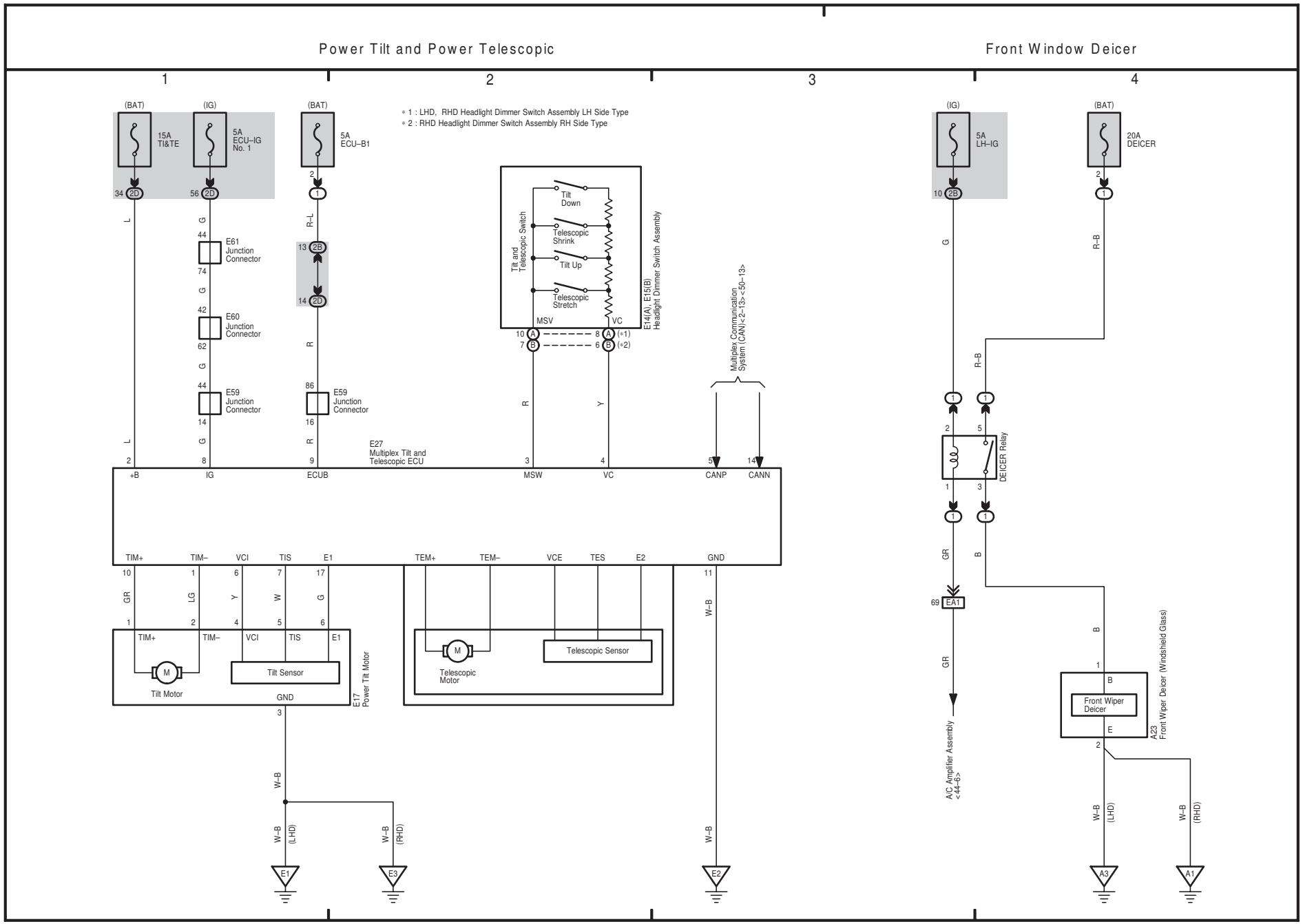

ECT and A/T Indicator (3UR–FE)
21
22
23
24
(IG)
10A
BK/UP LP
(IG)
5A
LH–IG
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
ECT PWR
Check Engine
One Step
Dim
IG
CAN
+S
SI
ET
CANH
CANL
CHK
E58
Junction
Connector
E60
Junction
Connector
A37(A), C44(B)
Junction
Connector
C24
Park/Neutral
Position Switch
DL
NL
RL
PL
RB
P
R
N
D
C44(B)
Junction Connector
Combination Meter
System<42–1>
Multiplex Communication
System (CAN LHD)<2–16>
C10
G–B
G–W
G
L–R
R–Y
R–L
B–R
BR
R


Sliding Roof
1
2
3
4
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
R
B–R
13 2B
14 2D
33 EA2
E7(A)
Combination Meter Assembly
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Master
(Optitron Meter)
Display
IG
CAN
ET
CANH
CANL
15 A
25 A
26 A
BR
6
E60
Junction
Connector
24
67 EA3 (LHD)
67 EA1 (RHD)
A37(A), C44(B)
Junction
Connector
19 A
14 B (Gasoline)
13 B (Diesel)
BR
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
C10
C1
C3
C8
Multiplex Communication System (CAN)
<2–15><2–16><50–14>
(BAT)
25A
S/ROOF
64 2D
(IG)
10A
ECU–IG
No. 2
7 2D
Main Body ECU
<3–30>
L
G
51
E60
Junction
Connector
31
1 RE1
2 RE1
16 RE2
1
4
5
B
MPX1
IG
R5
Sliding Roof Control ECU
M
UP
DWN
CLS
OPN
E
10
8
9
7
2
R
R
G
P
W–B
19
18
7
8
UP
DOWN
CLS
OPN
Sliding Roof Control Switch
GND9
17
R7
Overhead Module
W–B
11 RE2
3
E62
Junction
Connector
1
E1


VGRS System
1
2
3
4
(BAT)
40A
VGRS
(BAT)
5A
ECU–B1
(IG)
5A
ECU–IG
No. 4
(IG)
10A
ECU–IG
No. 2
B–Y
R–L
G
B
R
G
R
G
R
G
26 EA2
13 2B
14 2D
86
56
66
36
51
41
E59
Junction
Connector
E61
Junction
Connector
E60
Junction
Connector
Multiplex Communication
System (CAN)<2–7><50–8>
DLC3
<17–3>
E77(A), E78(B), E79(C)
Steering Control ECU
8 A PIG
10 A +BI
3 A IG
20 C CANL
9 C CANH
7 C SIL
PGND
PGD2
RV
S1
S2
RG
LV
LG
SG2+
BMV
BMU
BMW
SG
SS1+
SS1–
+BO
7 A
8 B
6 C
4 C
14 C
15 C
3 C
12 C
16 C
1 B
2 B
3 B
6 B
19 C
10 C
1 C
BR
(Shielded)
W
R
L
G
B
Y
(Shielded)
W
B
R
L
GR
R
G
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
1 RV+
2 S1+
9 S2+
10 RG+
7 LV+
16 LG+
5 BMV+
4 BMU+
13 BMW+
E80
Steering Actuator Assembly
8 SS1+
7 SS1–
3 BAT
1 IG
E11
Steering
Sensor
ESS
2
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3
E2
E1
E3

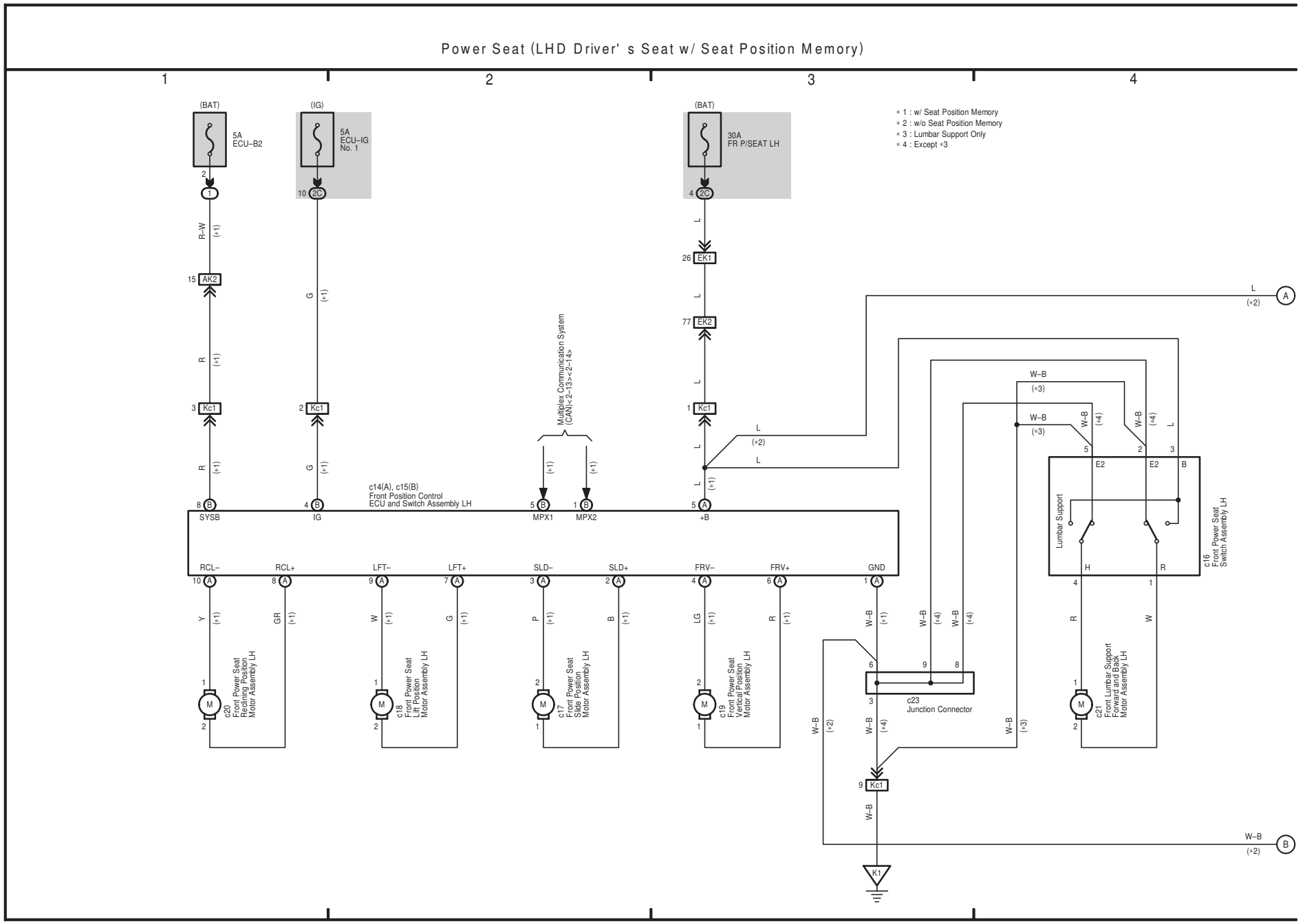

VGRS System
5
6
7
8
(BAT)
(IG)
5A
ECU–B1
5A
MET
* 1 : Optitron Meter
E59
Junction
Connector
R–L
R
R
B–R
B
13 2B
14 2D
33 EA2
17 A
18 A
E7(A)
Combination Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Display
Master (*1)
IG
CAN
ET
CANH
CANL
15 A
25 A
26 A
BR
6
E60
Junction
Connector
24
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (2UZ–FE)
13 B (1VD–FTV)
BR
(2UZ–FE)
BR
(1VD–FTV)
C3
C8
Multiplex Communication System (CAN)
<2–15><2–16><50–14>

8 LAND CRUISER Station Wagon



(Cont. next page)

Power Seat (LHD Driver' s Seat w/ Seat Position Memory)

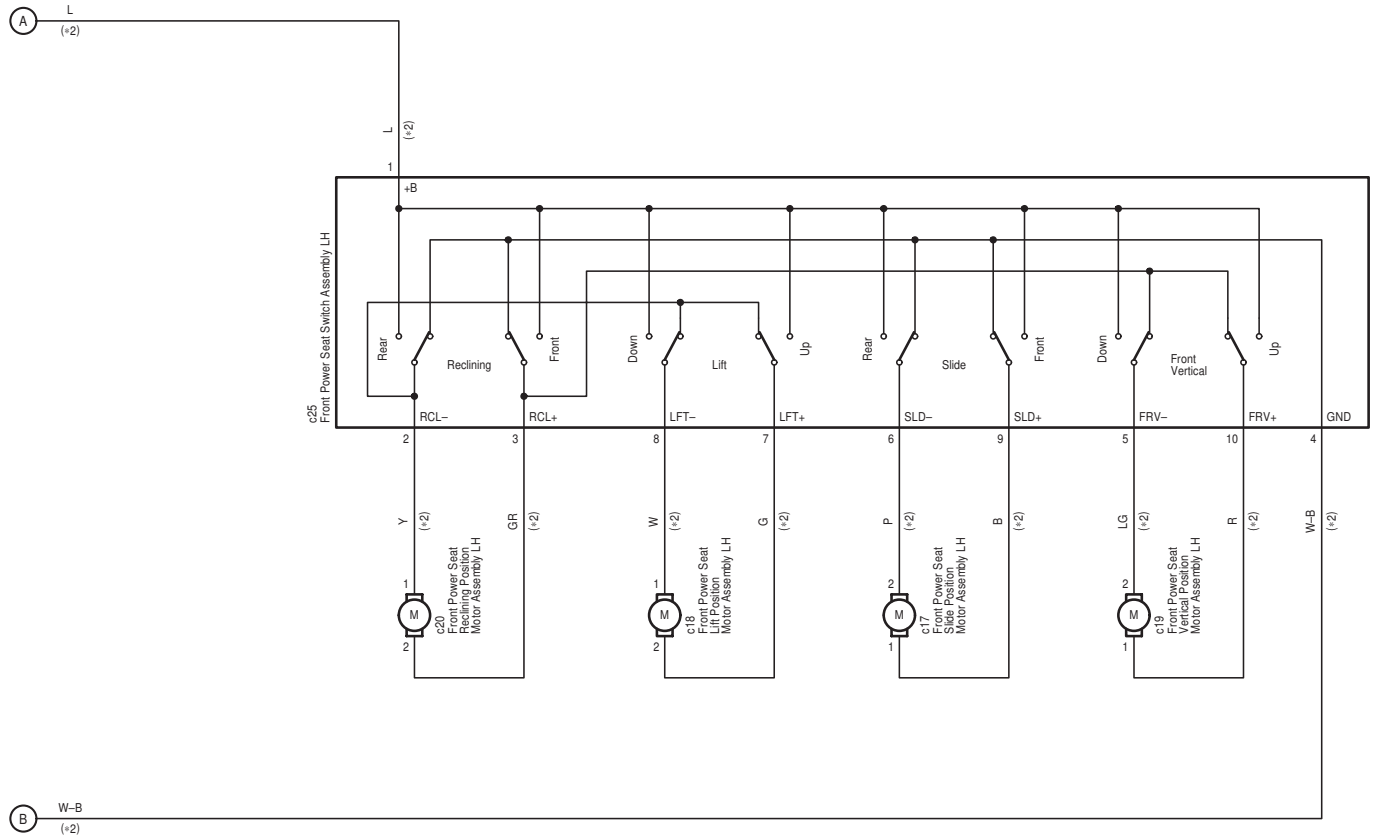


(Cont. next page)

Power Seat (LHD Driver' s Seat w/o Seat Position Memory)

5 6 7 8

∗ 2 : w/o Seat Position Memory



9 LAND CRUISER Station Wagon (Cont' d)

Power Seat (LHD Front Passenger' s Seat)

