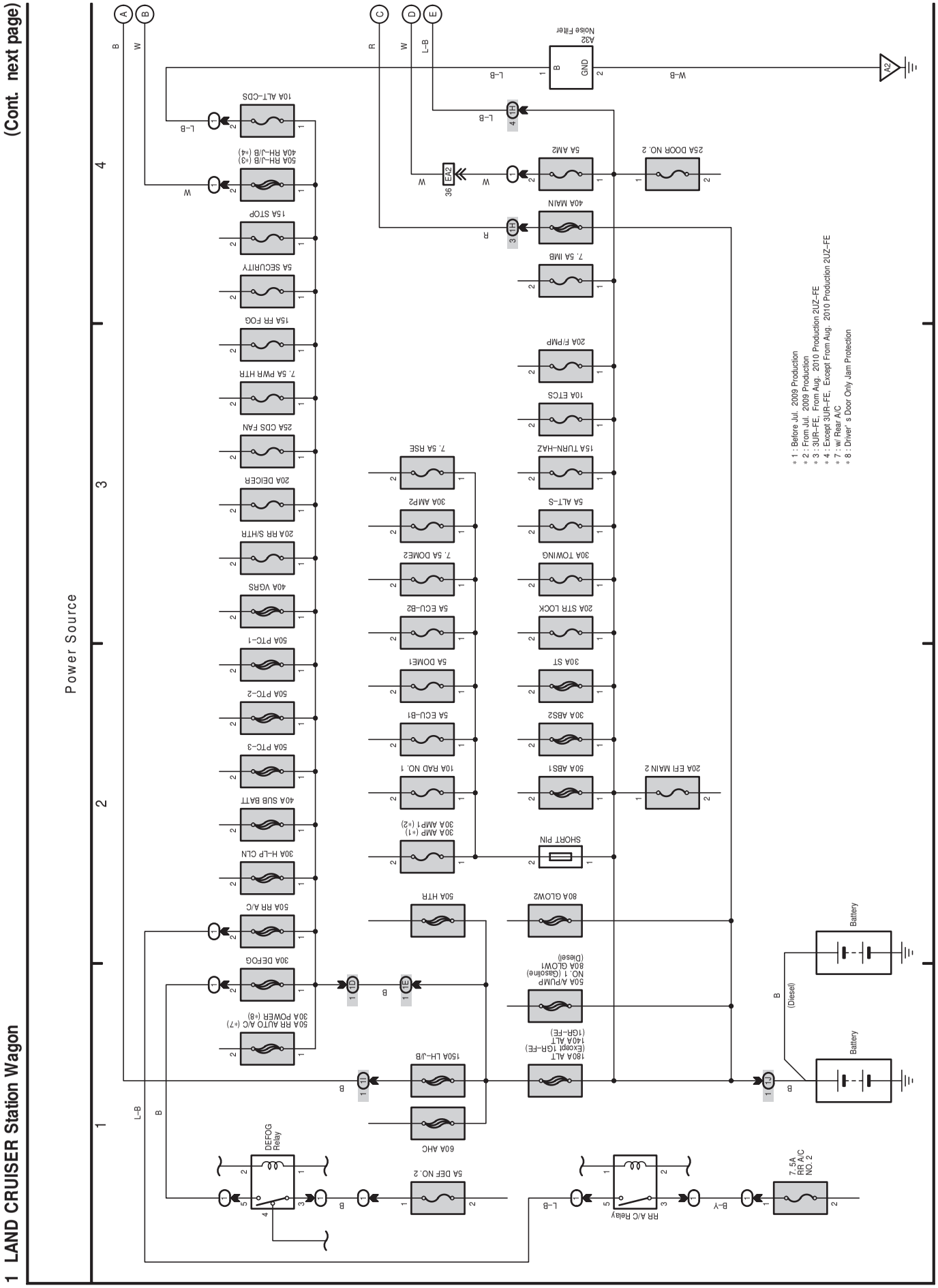
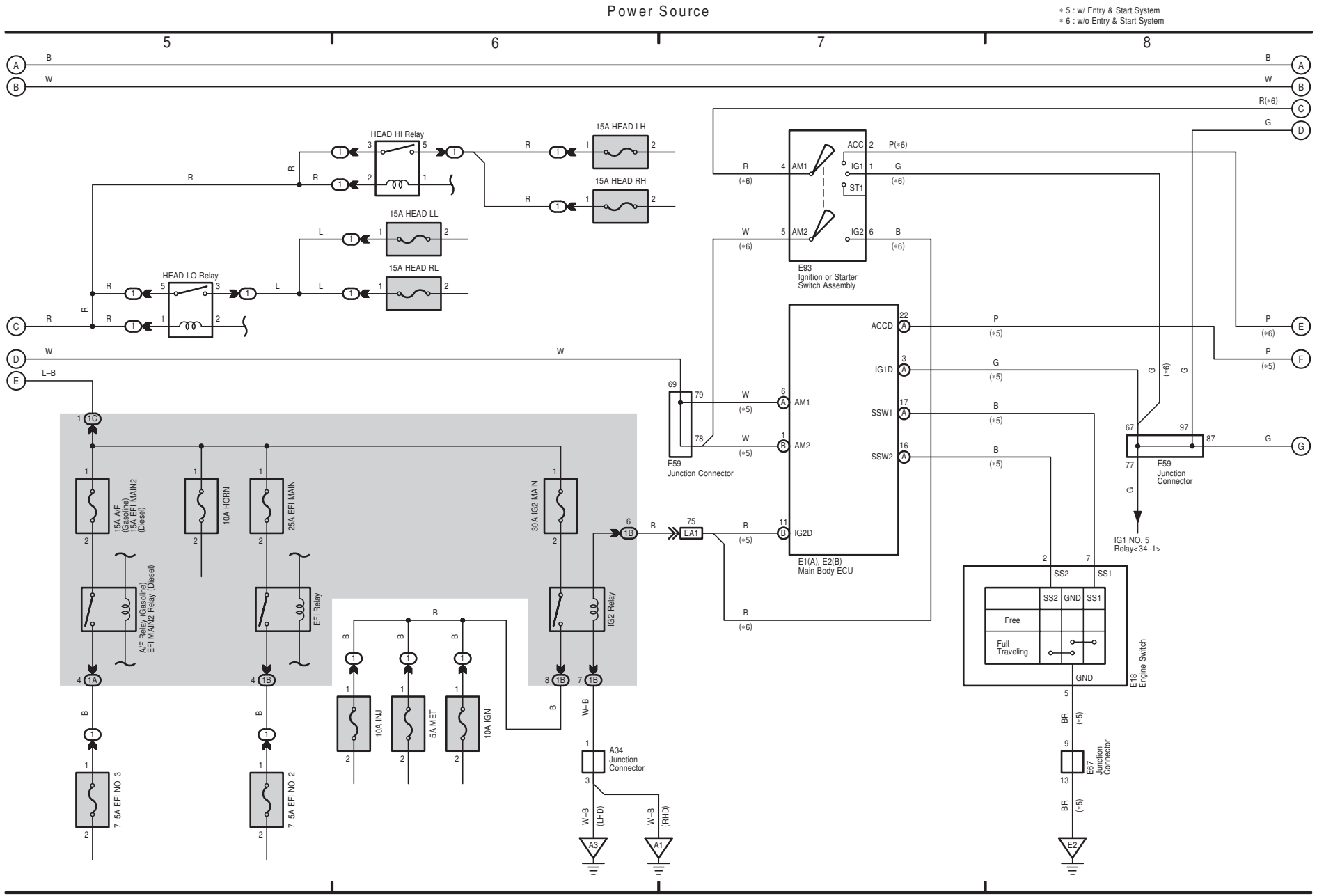
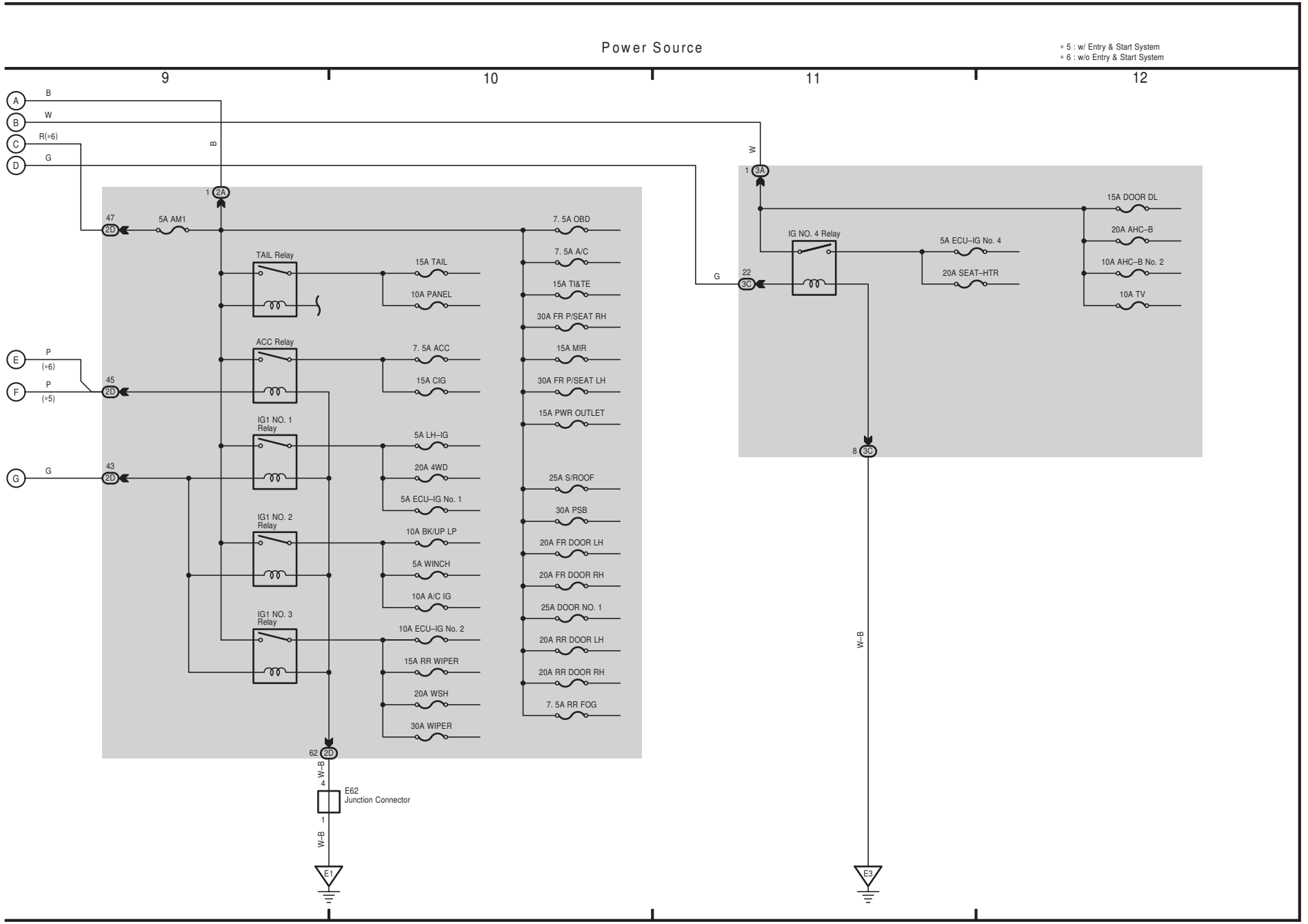

1 LAND CRUISER Station Wagon
(Cont. next page)
Power Source
Noise Filter
A32
GND
A2
W-B
10A ALT-CDS
50A RH-J/B (*3)
40A RH-J/B (*4)
15A STOP
5A SECURITY
15A FR FOG
7.5A PWR HTR
25A CDS FAN
20A DEICER
20A RR S/HTR
40A VGRS
50A PTC-1
50A PTC-2
50A PTC-3
40A SUB BATT
30A H-LP CLN
50A RR A/C
30A DEFOG
50A RR AUTO A/C (*7)
30A POWER (*8)
DEFOG Relay
5A DEF NO. 2
150A LH-J/B
60A AHC
180A ALT (Except 1GR-FE)
140A ALT (1GR-FE)
50A A/PUMP NO. 1 (Gasoline)
80A GLOW1 (Diesel)
80A GLOW2
50A HTR
30A AMP (*1)
30A AMP1 (*2)
SHORT PIN
10A RAD NO. 1
5A ECU-B1
5A DOME1
5A ECU-B2
7.5A DOME2
30A AMP2
7.5A RSE
50A ABS1
30A ABS2
30A ST
20A STR LOCK
30A TOWING
5A ALT-S
15A TURN-HAZ
10A ETCS
20A F/PMP
7.5A IMB
40A MAIN
5A AM2
25A DOOR NO. 2
20A EFI MAIN 2
RR A/C Relay
7.5A RR A/C NO. 2
Battery
Battery
(Diesel)
* 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
* 7 : w/ Rear A/C
* 8 : Driver's Door Only Jam Protection

(Cont. next page)

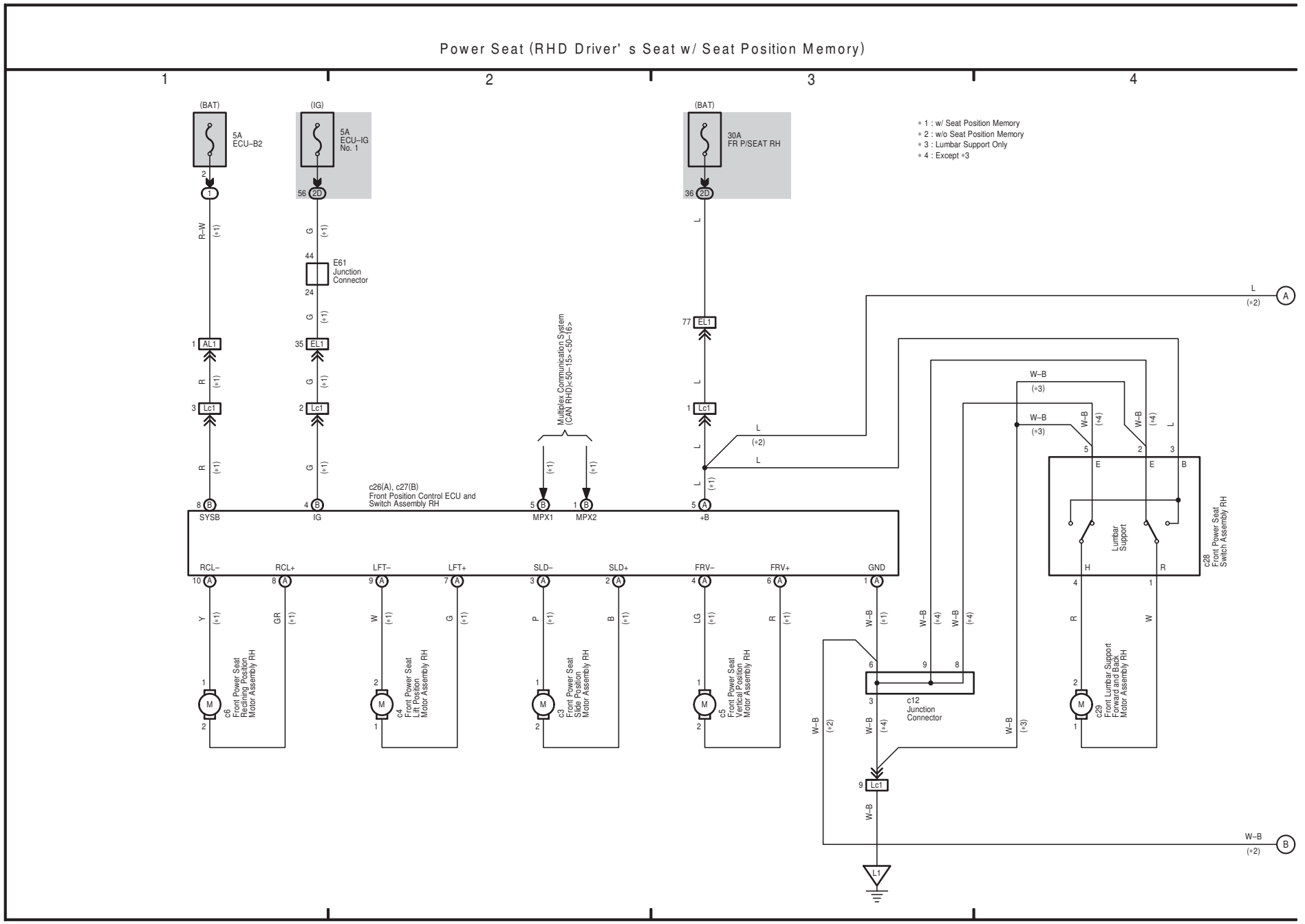


1 LAND CRUISER Station Wagon (Cont' d)



(Cont. next page)

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

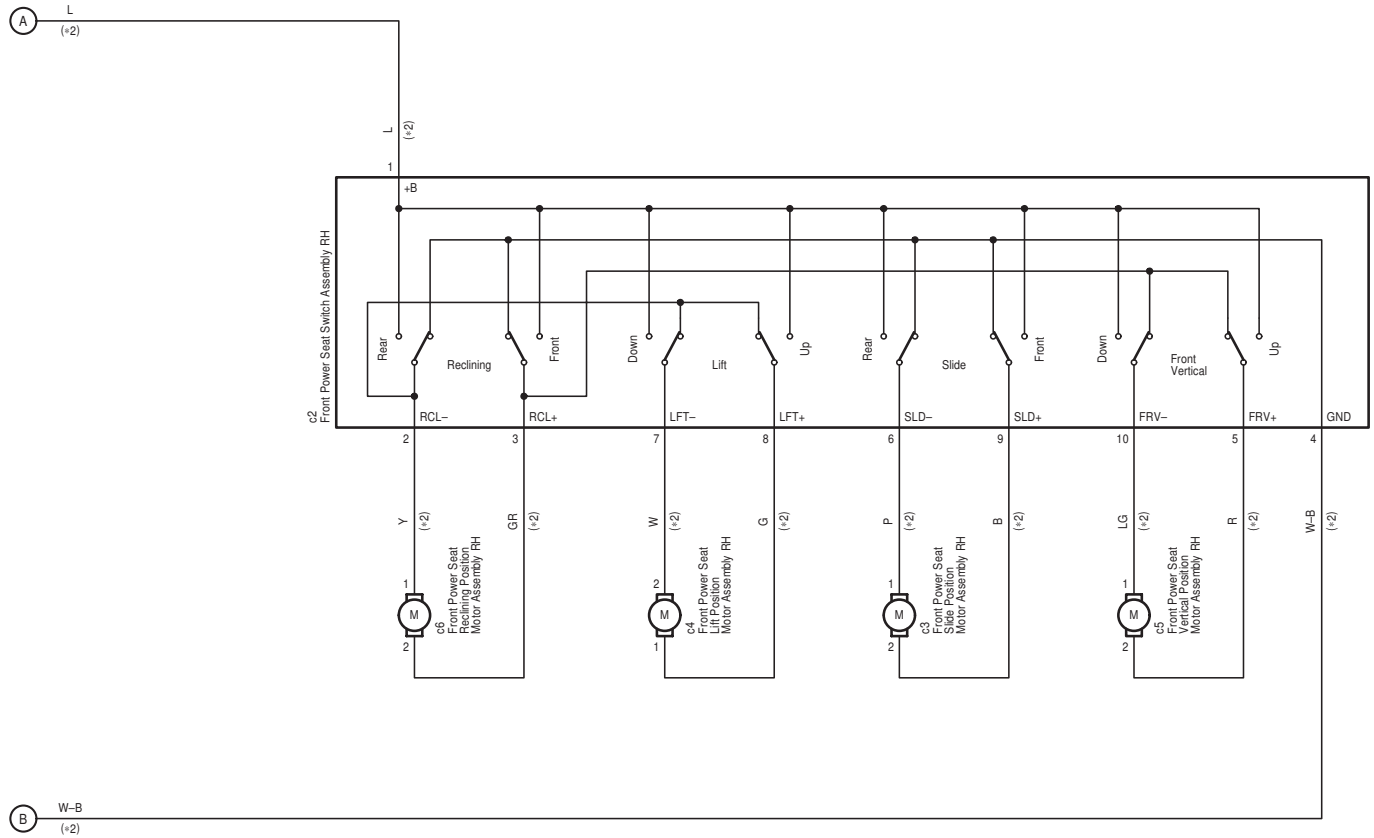


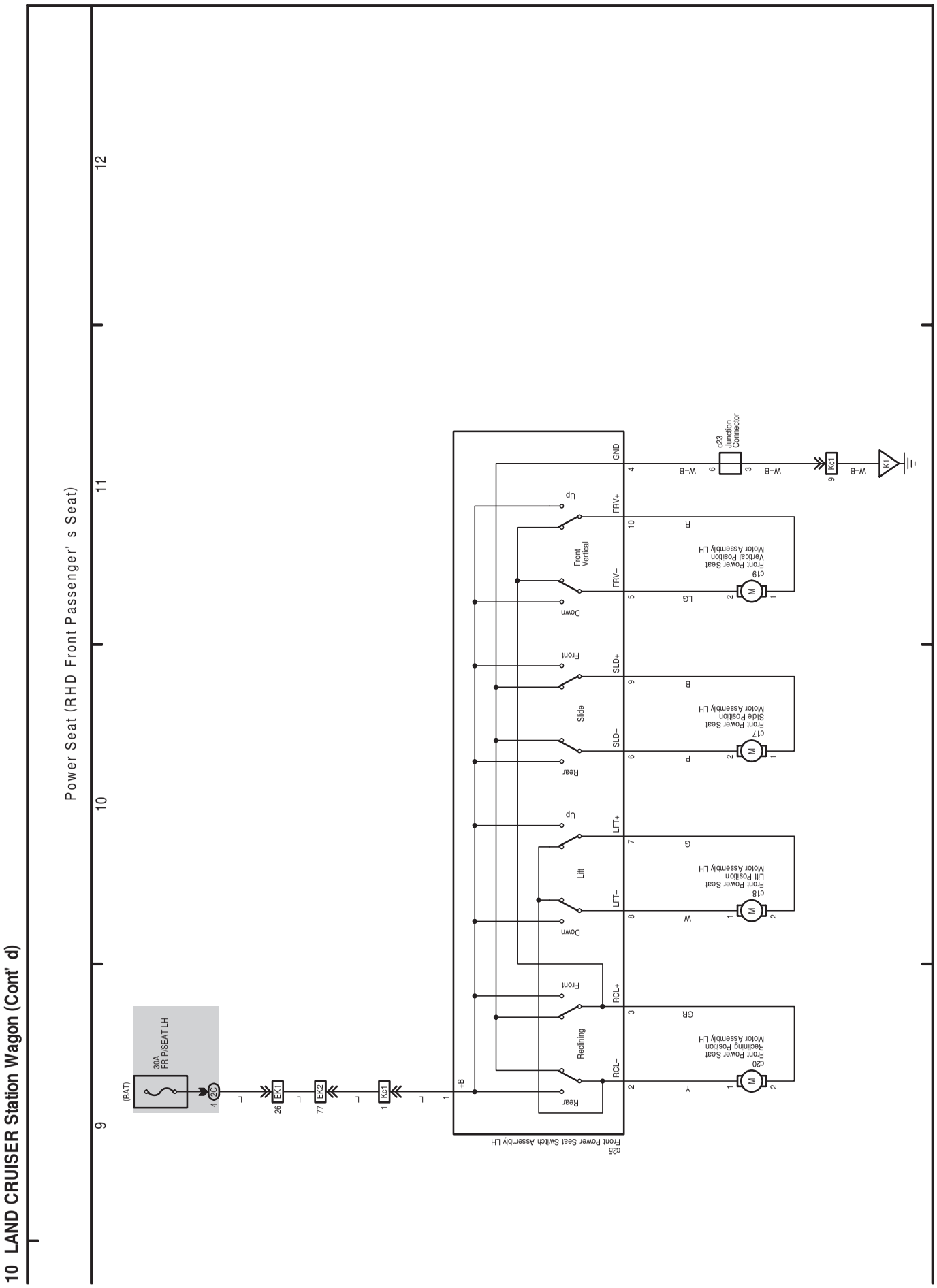
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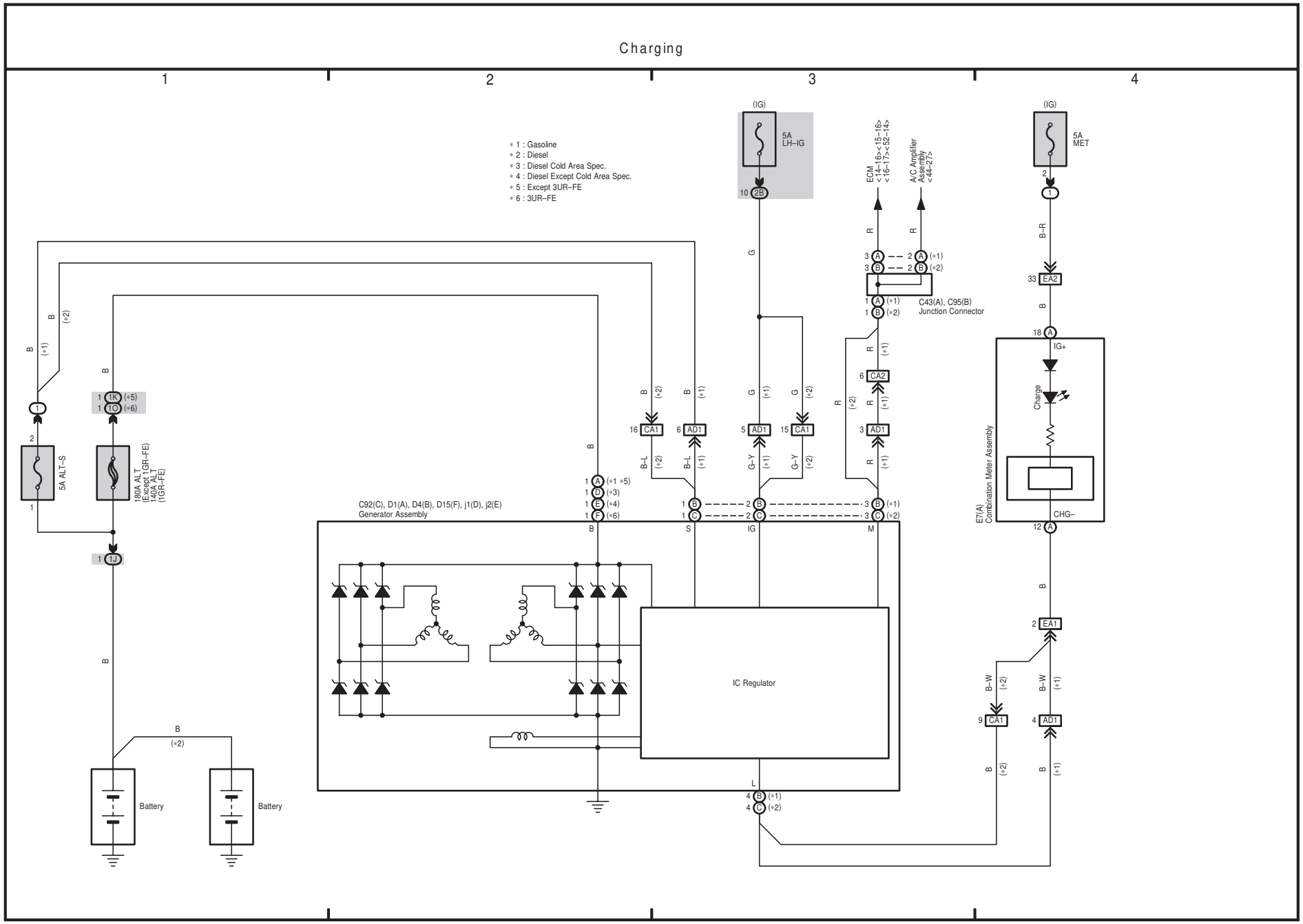
Power Seat (RHD Driver' s Seat w/o Seat Position Memory)

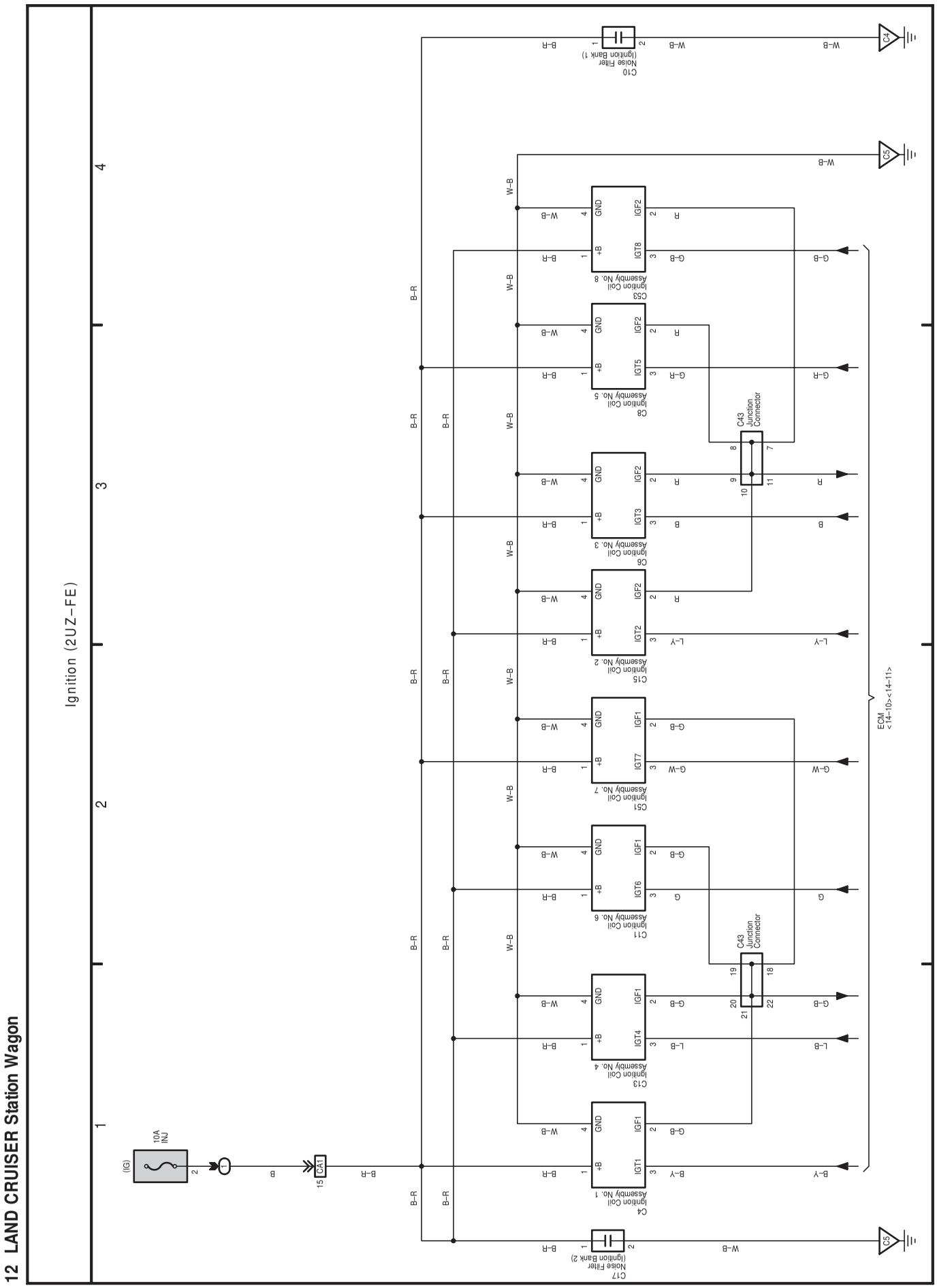
5 6 7 8

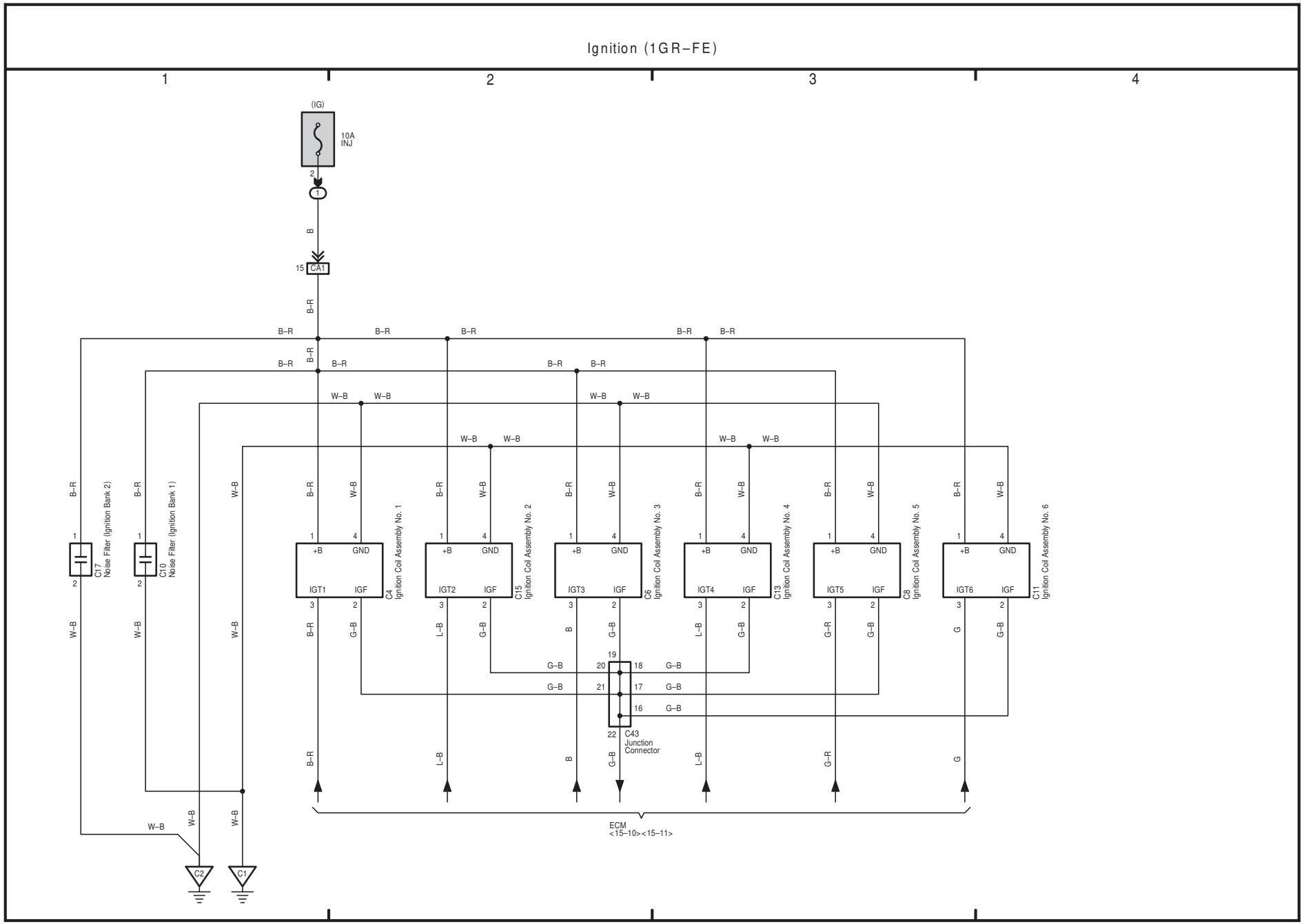
∗ 2 : w/o Seat Position Memory



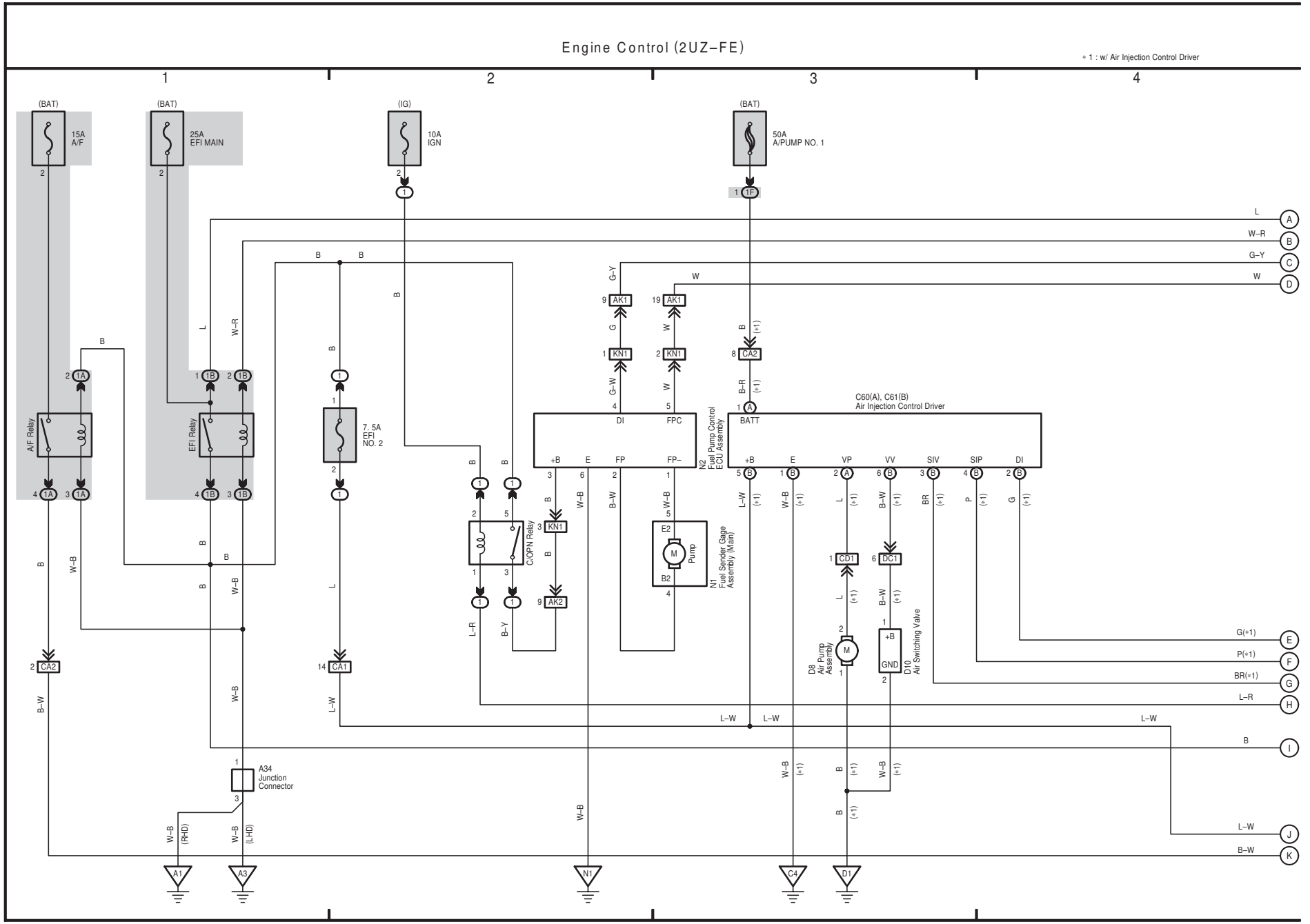

10 LAND CRUISER Station Wagon (Cont' d)
Power Seat (RHD Front Passenger' s Seat)
9
10
11
12
(BAT)
30A
FR P/SEAT LH
4
2D
26
EK1
77
EK2
1
KG1
+B
1
E25
Front Power Seat Switch Assembly LH
GND
FRV+
FRV–
SLD+
SLD–
LFT+
LFT–
RCL+
RCL–
Up
Front
Down
Rear
Front Vertical
Slide
Lift
Reclining
c20
Front Power Seat Reclining Position Motor Assembly LH
c18
Front Power Seat Lift Position Motor Assembly LH
c17
Front Power Seat Slide Position Motor Assembly LH
c19
Front Power Seat Vertical Position Motor Assembly LH
c23
Junction Connector
W–B
KG1
K1


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 (*5)
1 1O (*6)
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
B
S
IG
M
L
IC Regulator
16 CA1
6 AD1
5 AD1
15 CA1
6 CA2
3 AD1
2 EA1
9 CA1
4 AD1
B–L
G–Y
B–W
Battery
Battery


12 LAND CRUISER Station Wagon
Ignition (2UZ-FE)
1
2
3
4
(IG)
10A
INJ
2
B
15
CA1
B-R
B
C10
Noise Filter
(Ignition Bank 1)
1
2
B-R
W-B
C4
W-B
C5
W-B
C4
Ignition Coil
Assembly No. 1
GND
+B
IGF1
IGT1
1
2
3
4
B-R
G-B
B-Y
W-B
C13
Ignition Coil
Assembly No. 4
L-B
C11
Ignition Coil
Assembly No. 6
G
C51
Ignition Coil
Assembly No. 7
G-W
C15
Ignition Coil
Assembly No. 2
IGF2
IGT2
L-Y
C5
Ignition Coil
Assembly No. 3
IGT3
B
C8
Ignition Coil
Assembly No. 5
IGT5
G-R
C53
Ignition Coil
Assembly No. 8
IGT8
G
C43
Junction
Connector
7
8
9
10
11
18
19
20
21
22
ECM
<14-10><14-11>
C17
Noise Filter
(Ignition Bank 2)
1
2
B-R
W-B
C5
W-B


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
G–B
L–B
G–R
G
19
20
18
21
17
16
22
C43
Junction
Connector
ECM
<15–10><15–11>
C2
C1

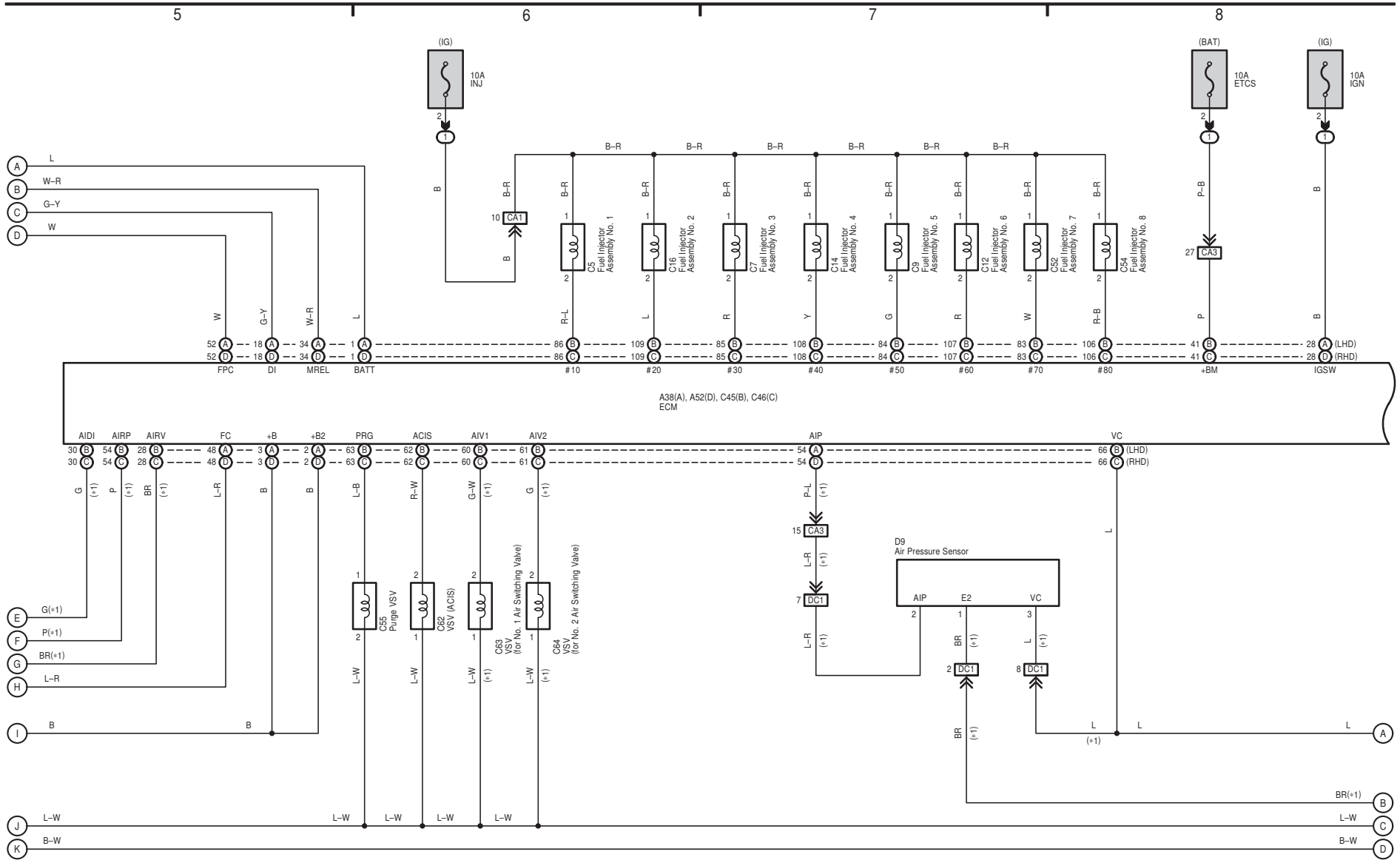
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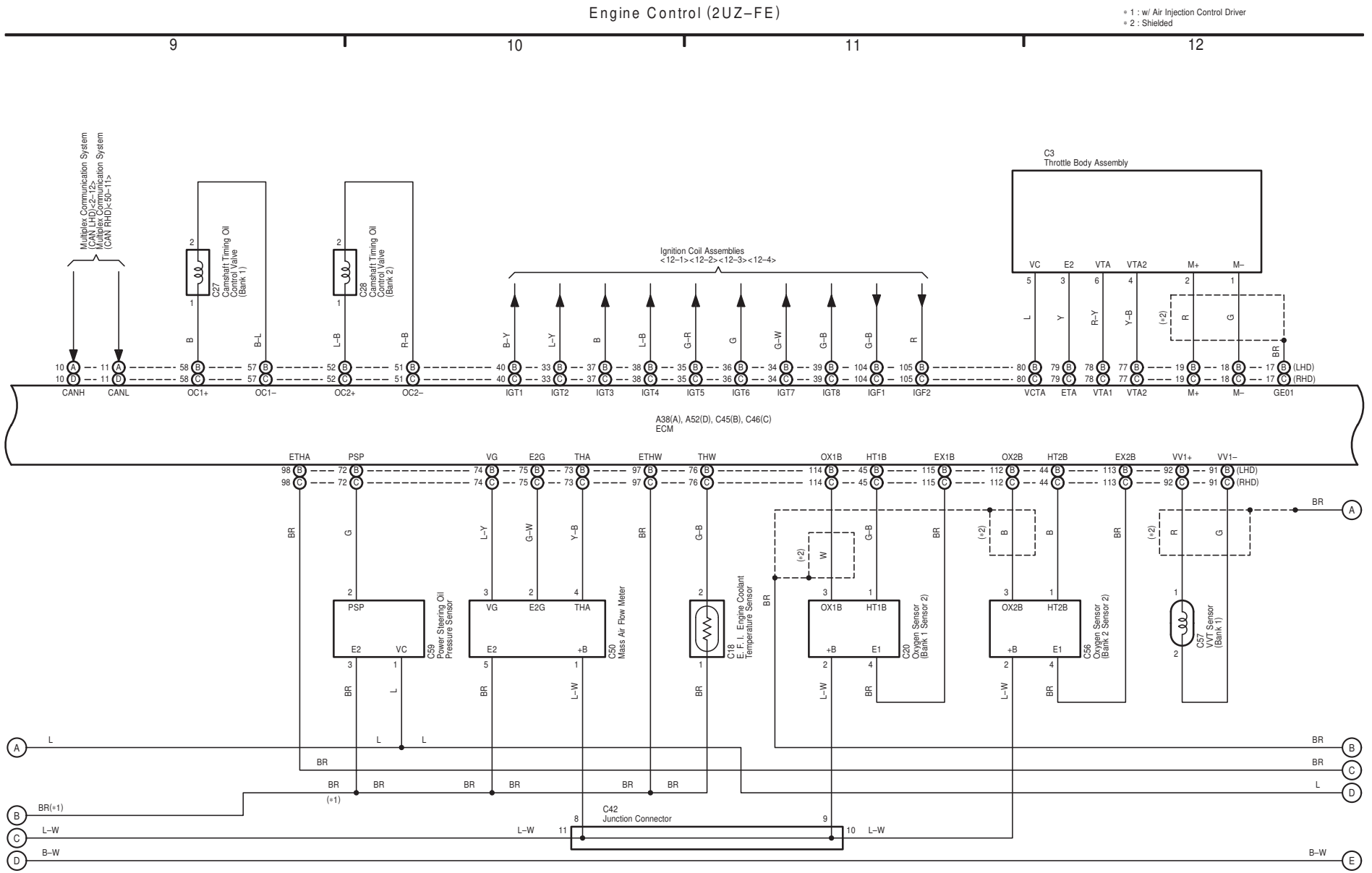
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Engine Control (2UZ–FE)

* 1 : w/ Air Injection Control Driver



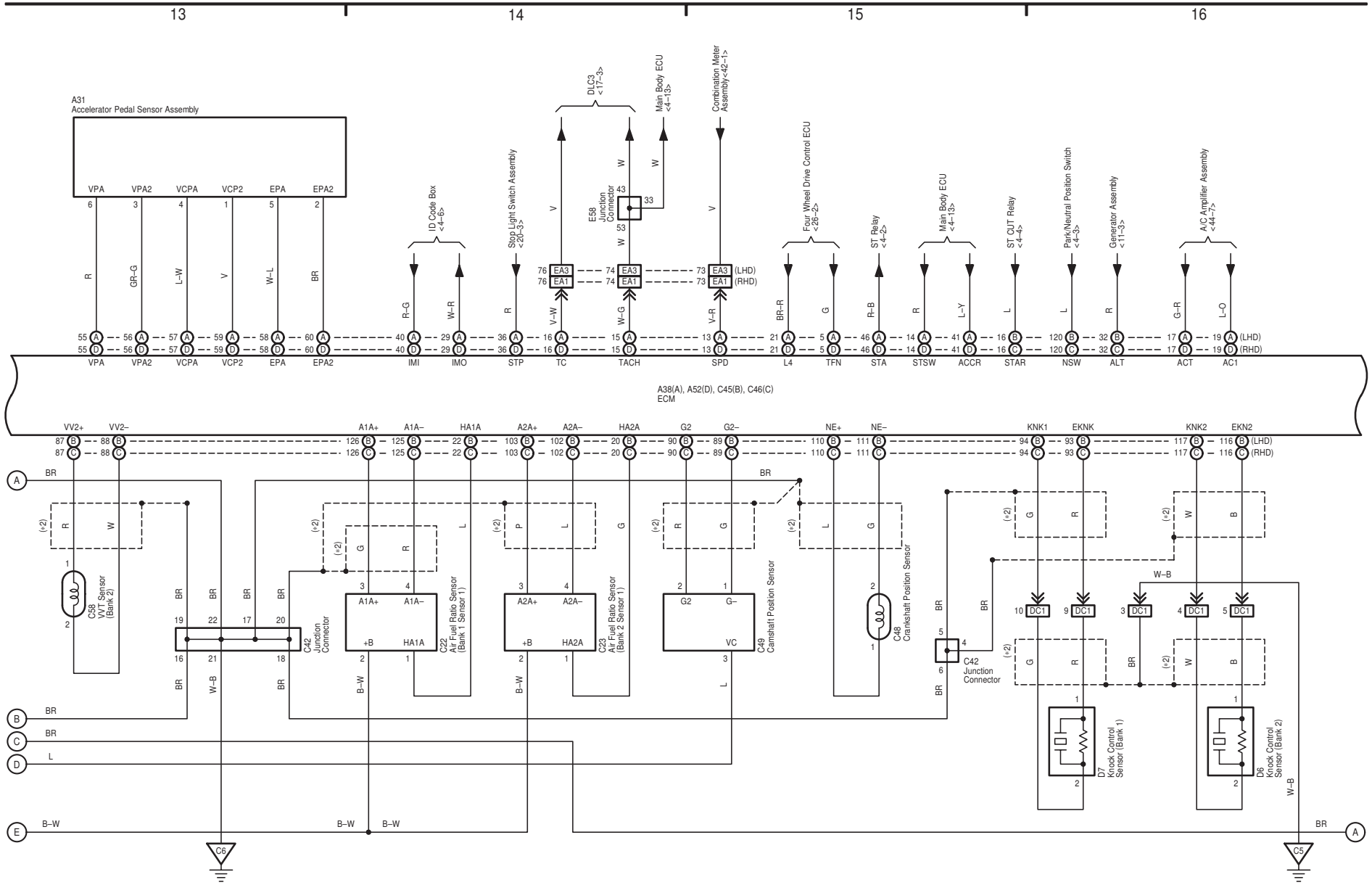
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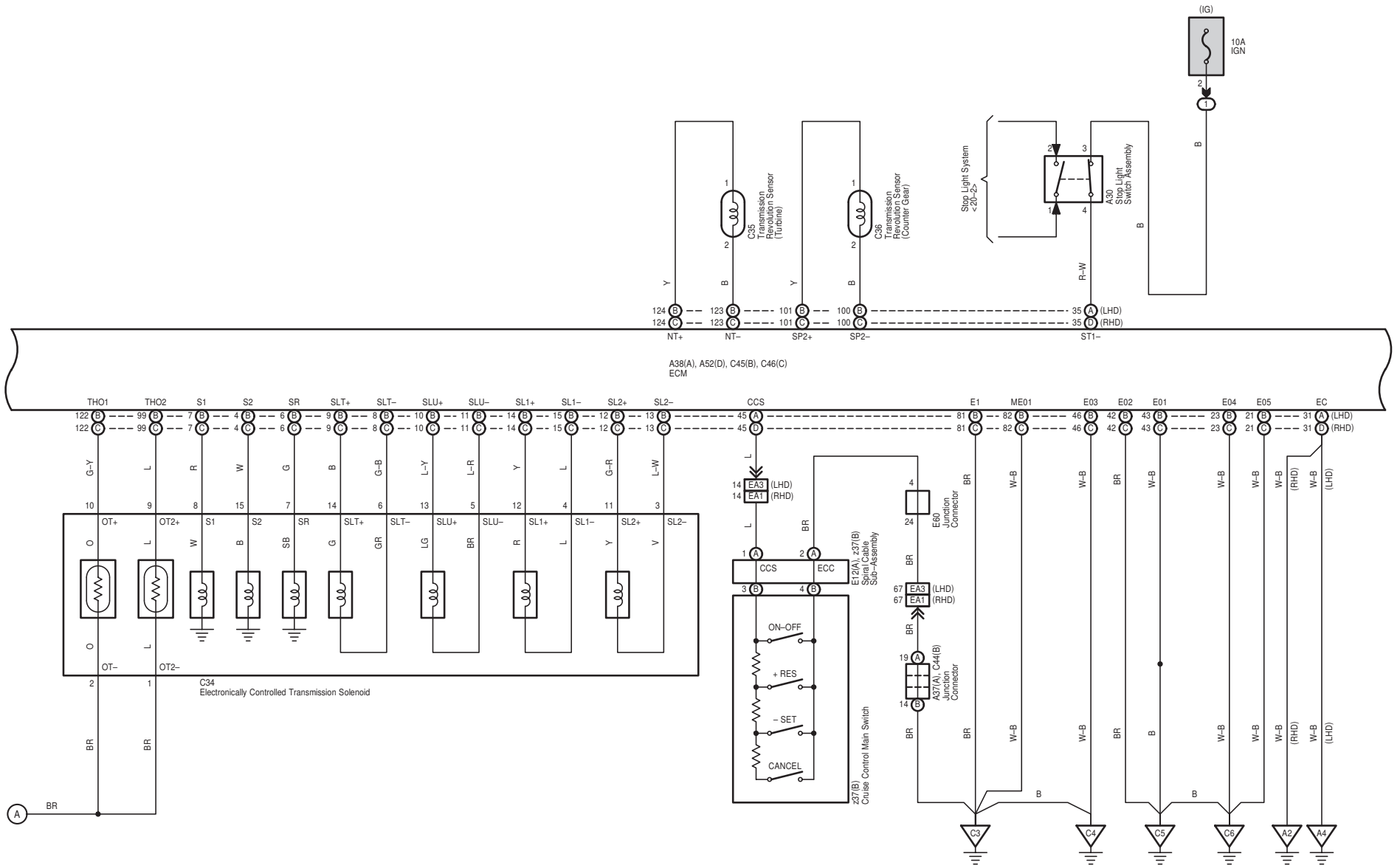
Engine Control (2UZ–FE)

* 2 : Shielded



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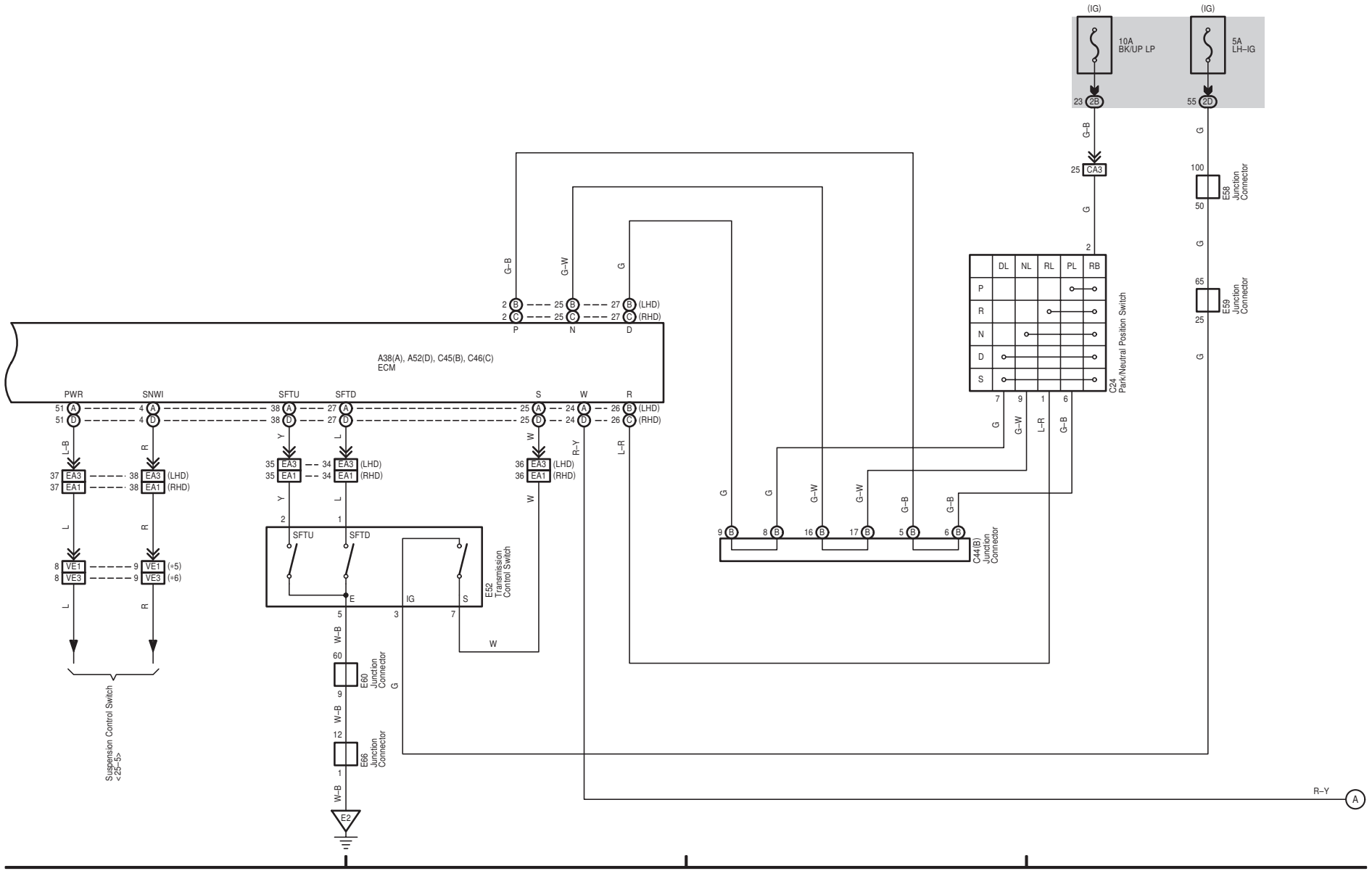
Cruise Control (2UZ–FE)



(Cont. next page)

ECT and A/T Indicator (2UZ–FE)

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

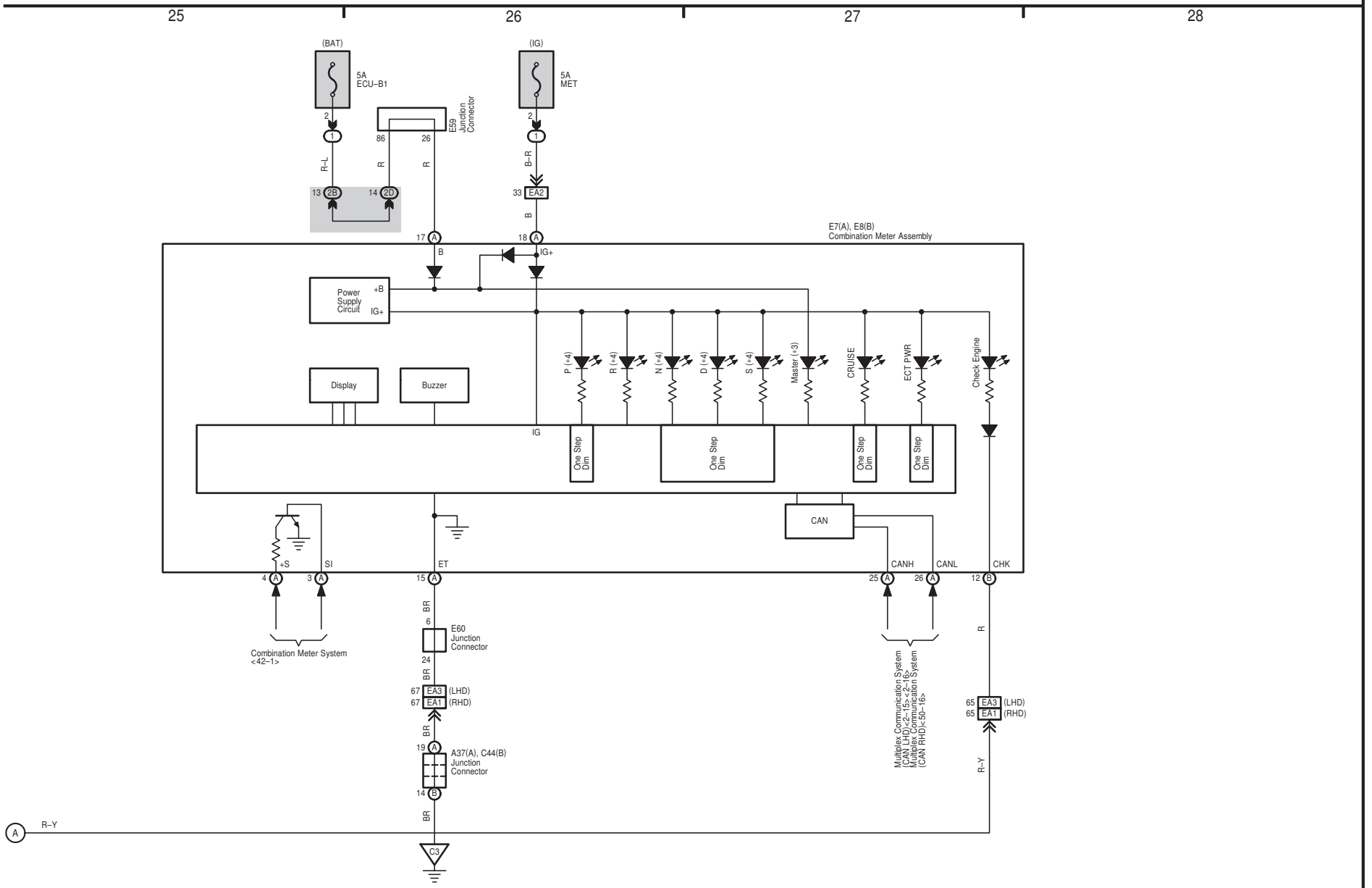


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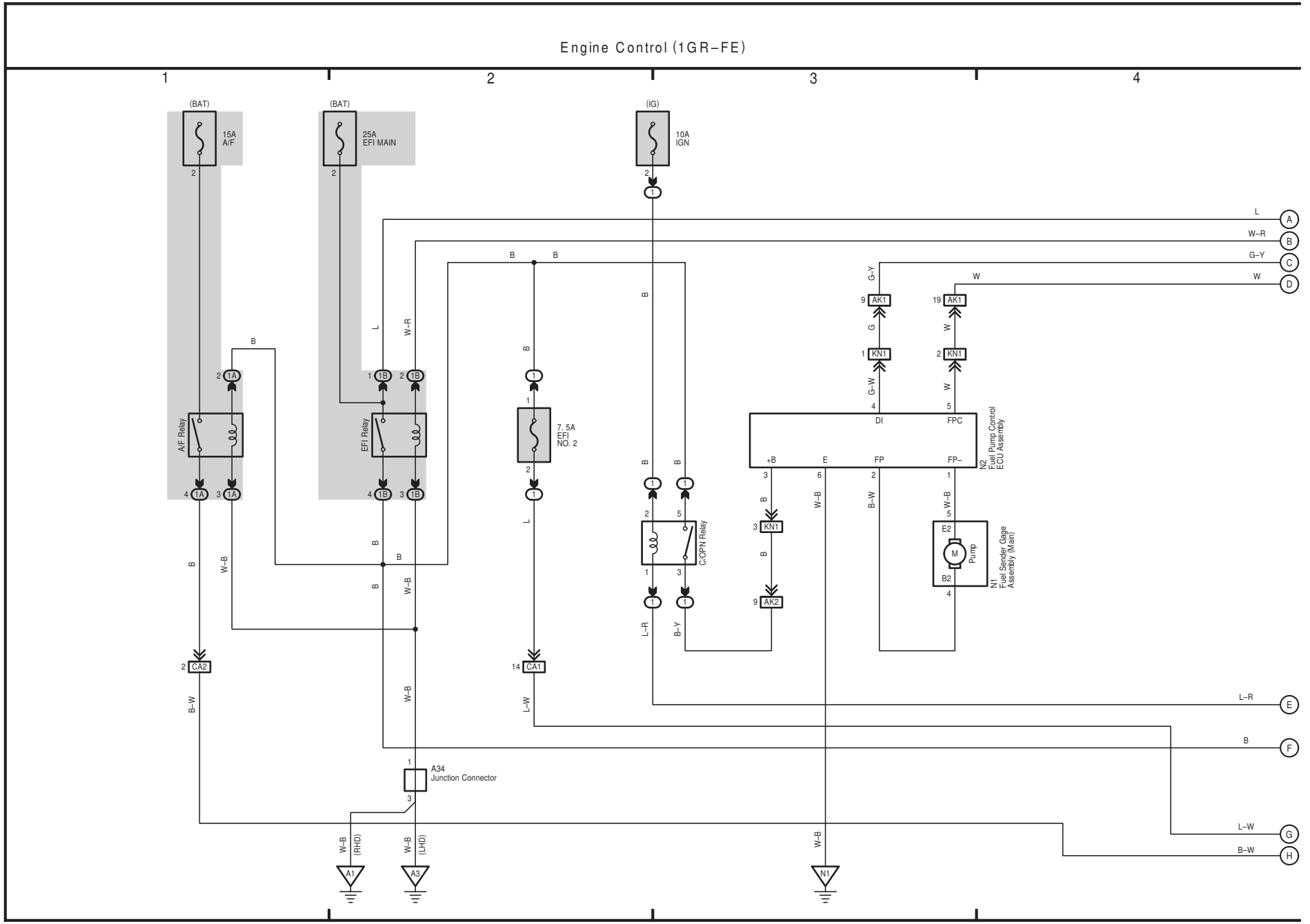
14 LAND CRUISER Station Wagon (Cont' d)

ECT and A/T Indicator (2UZ–FE)

* 3 : Optitron Meter
* 4 : Except Optitron Meter

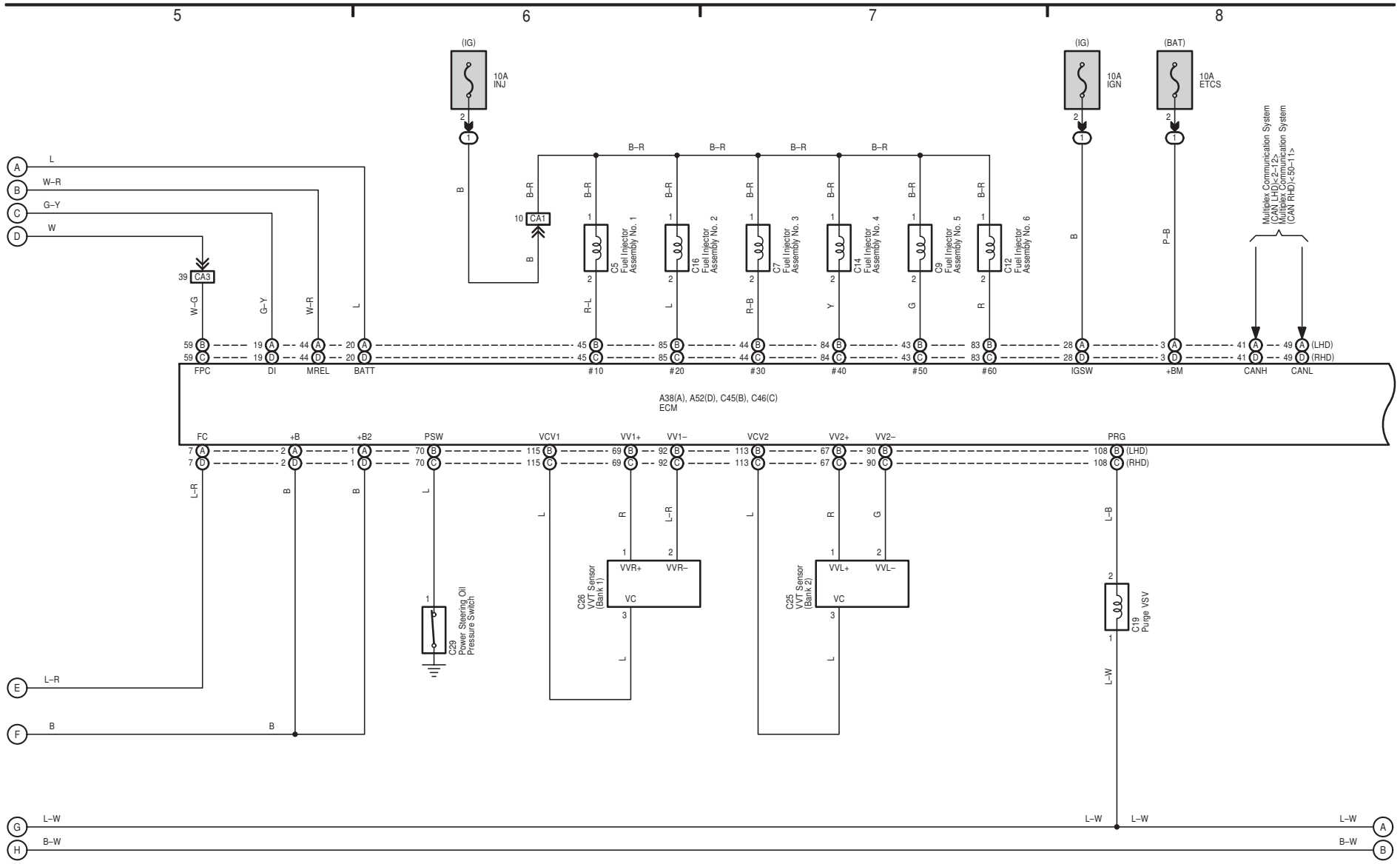


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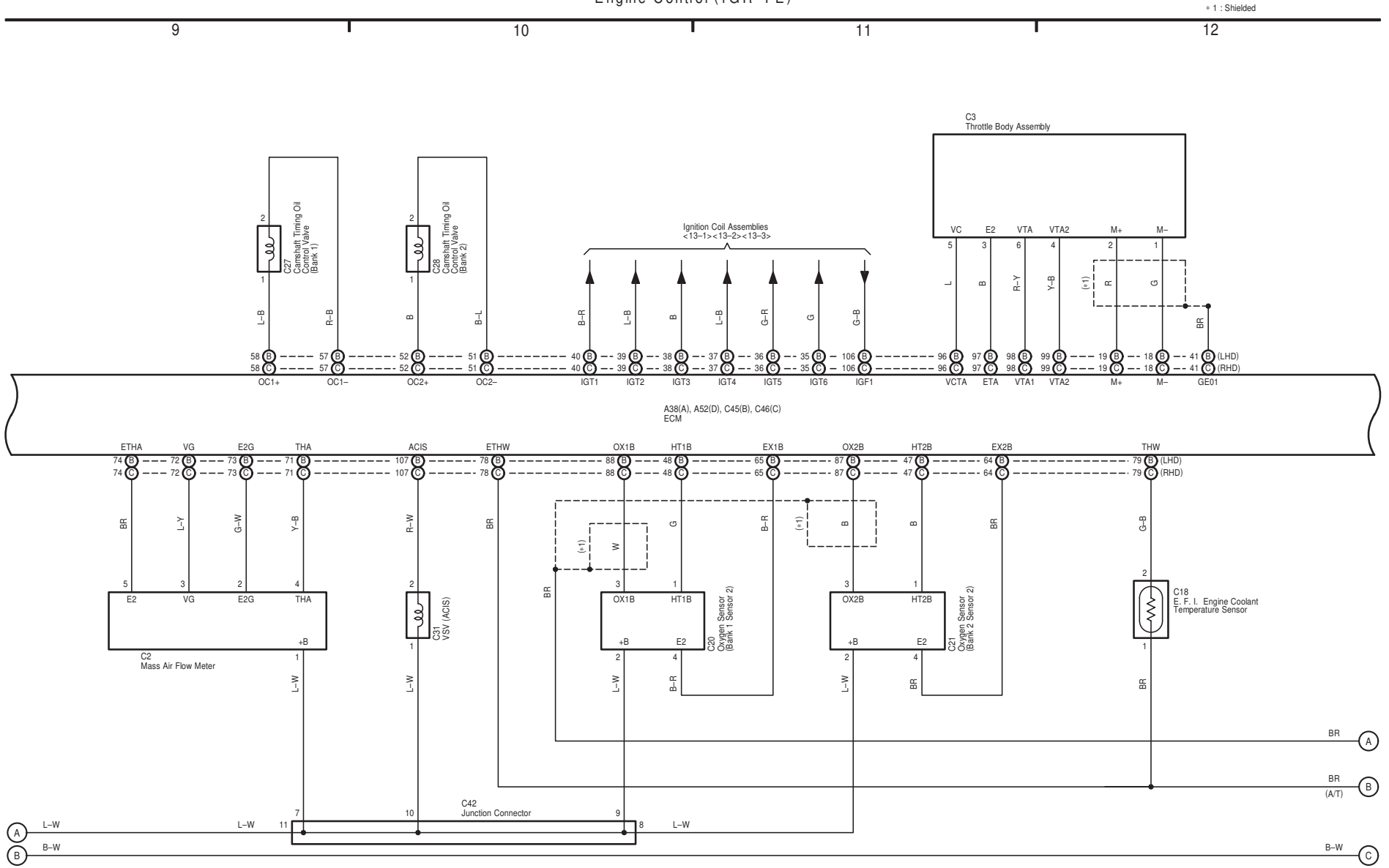
Engine Control (1GR–FE)



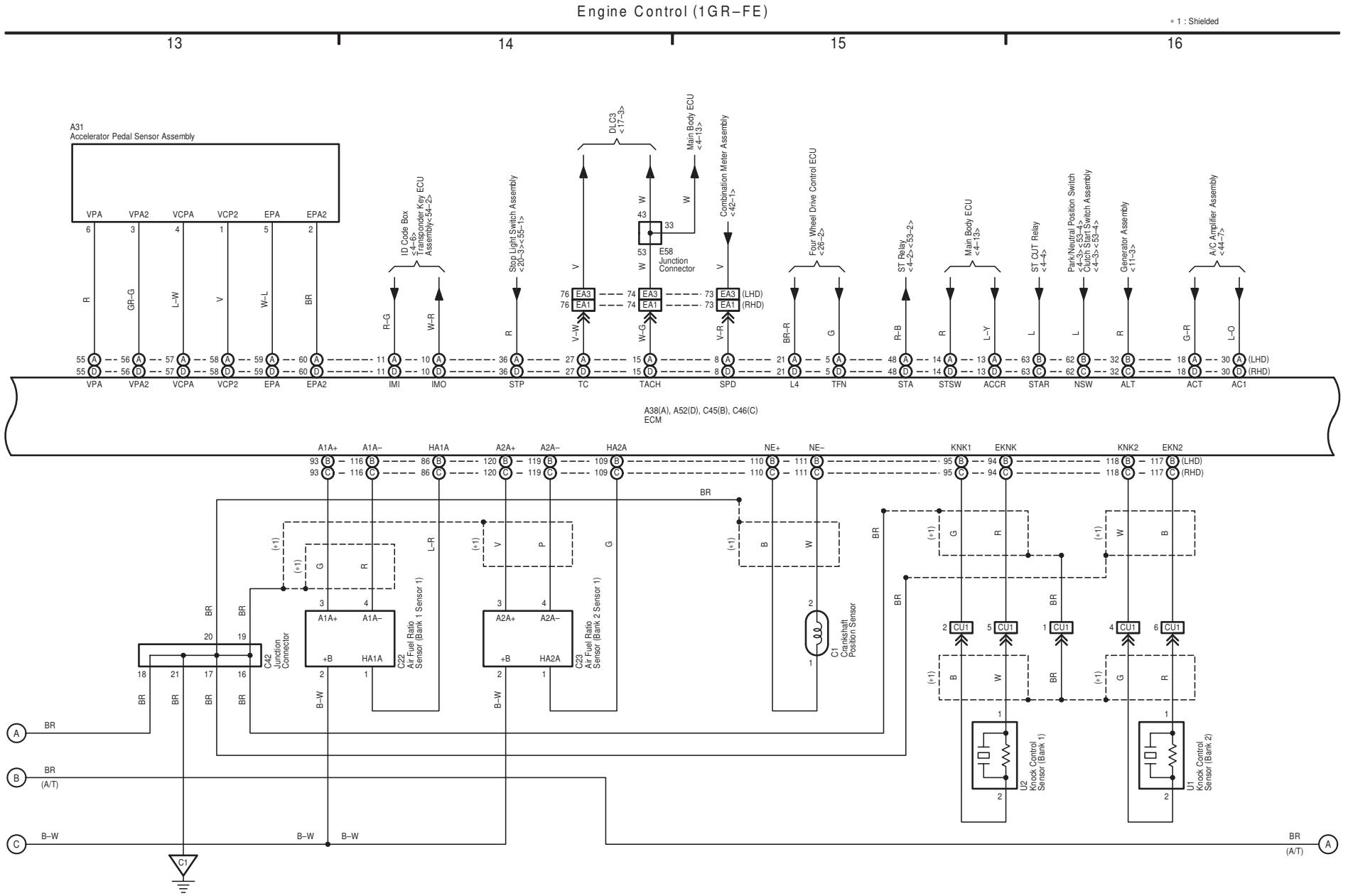
(Cont. next page)

Engine Control (1GR–FE)

* 1 : Shielded



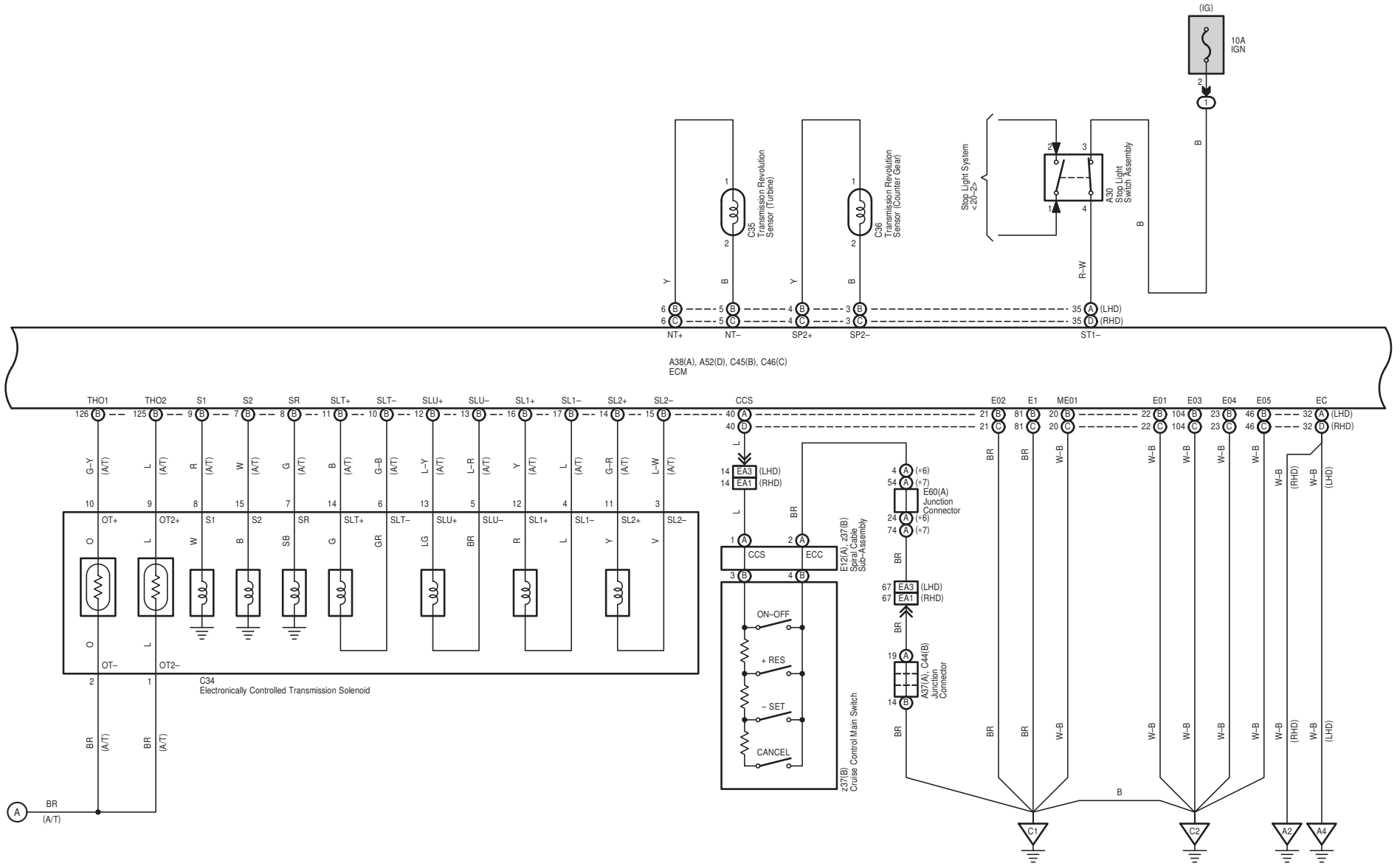
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Cruise Control (1GR–FE)

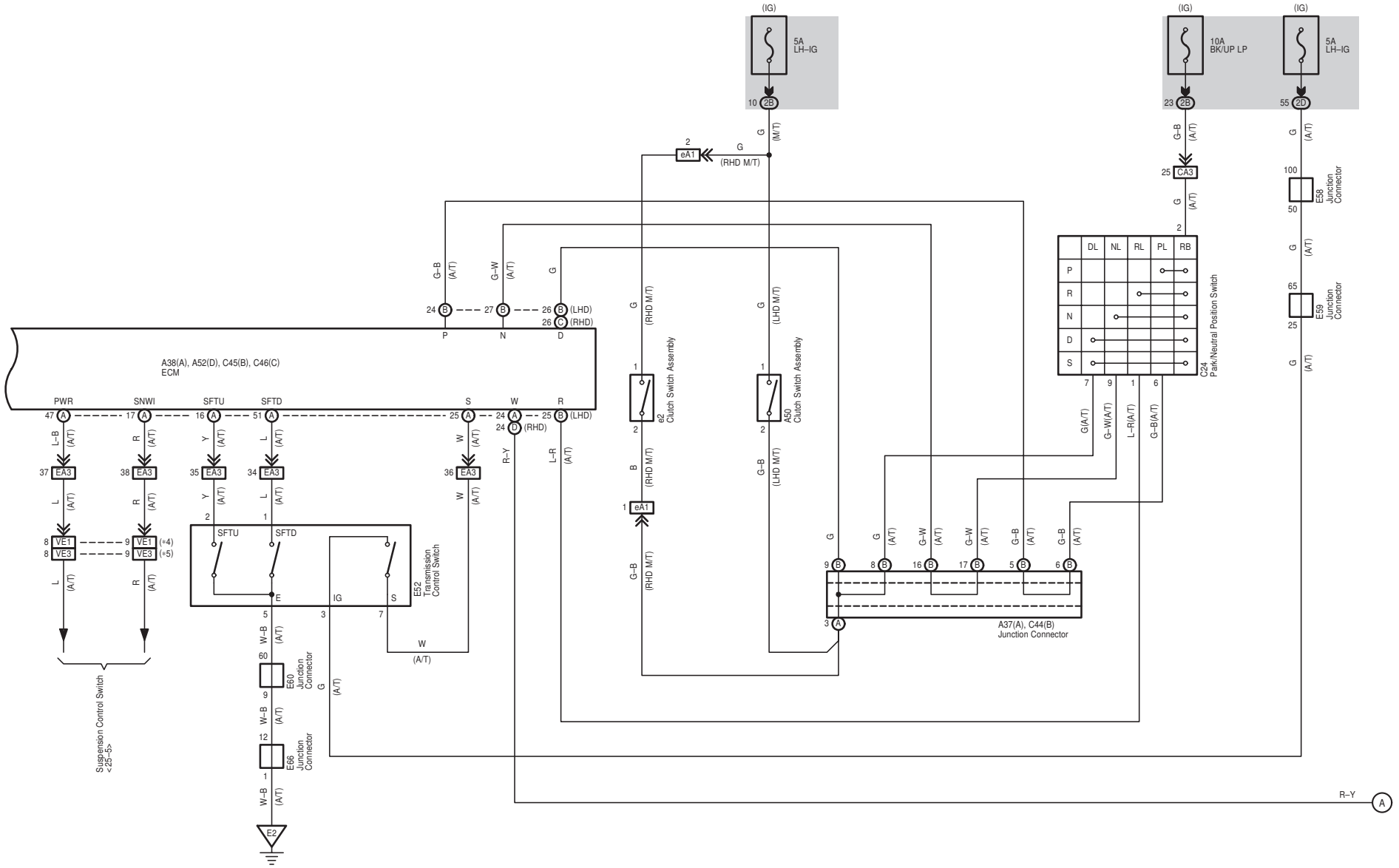
* 6 : Liftgate Type
* 7 : Swing Type



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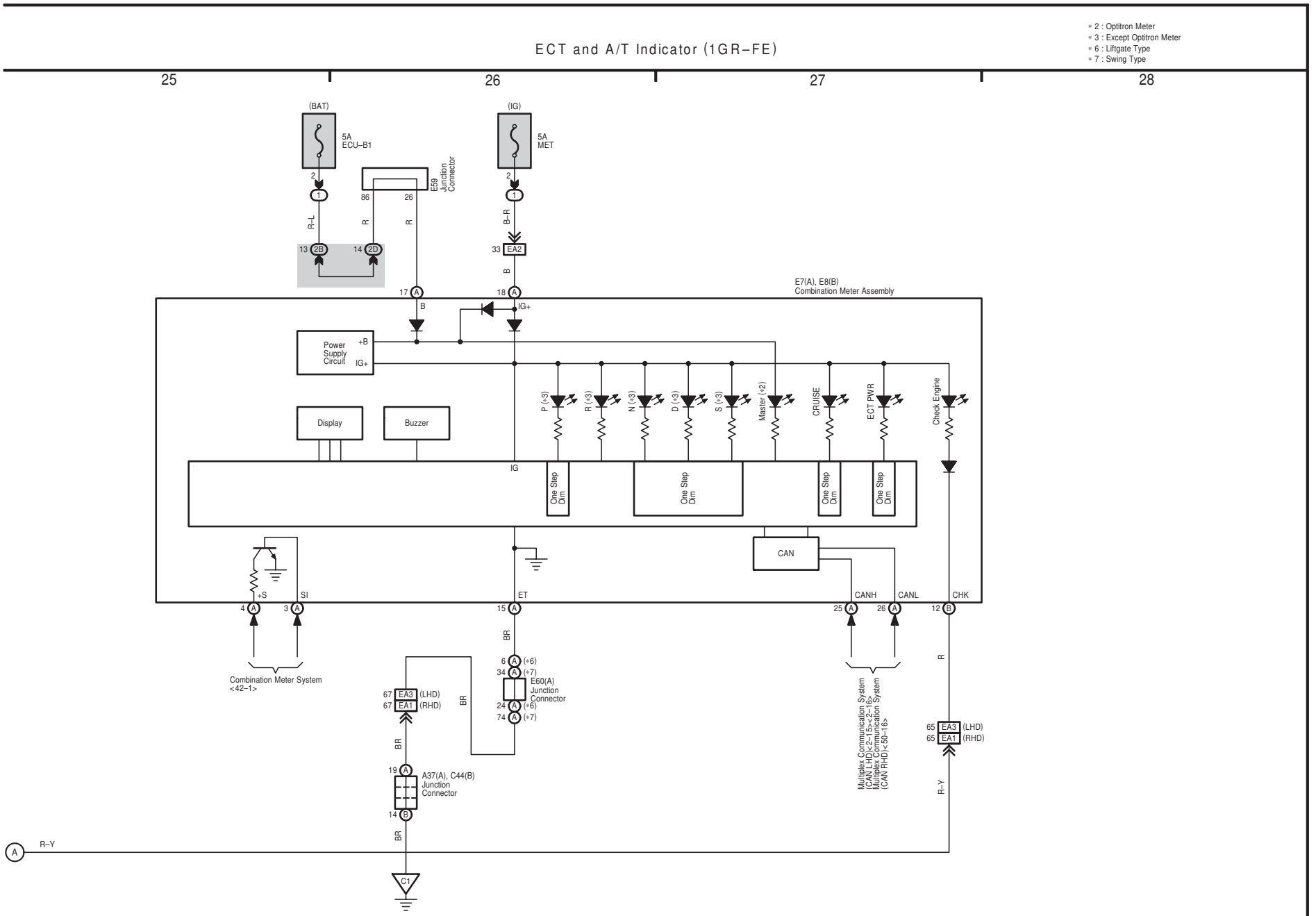
ECT and A/T Indicator (1GR–FE)

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

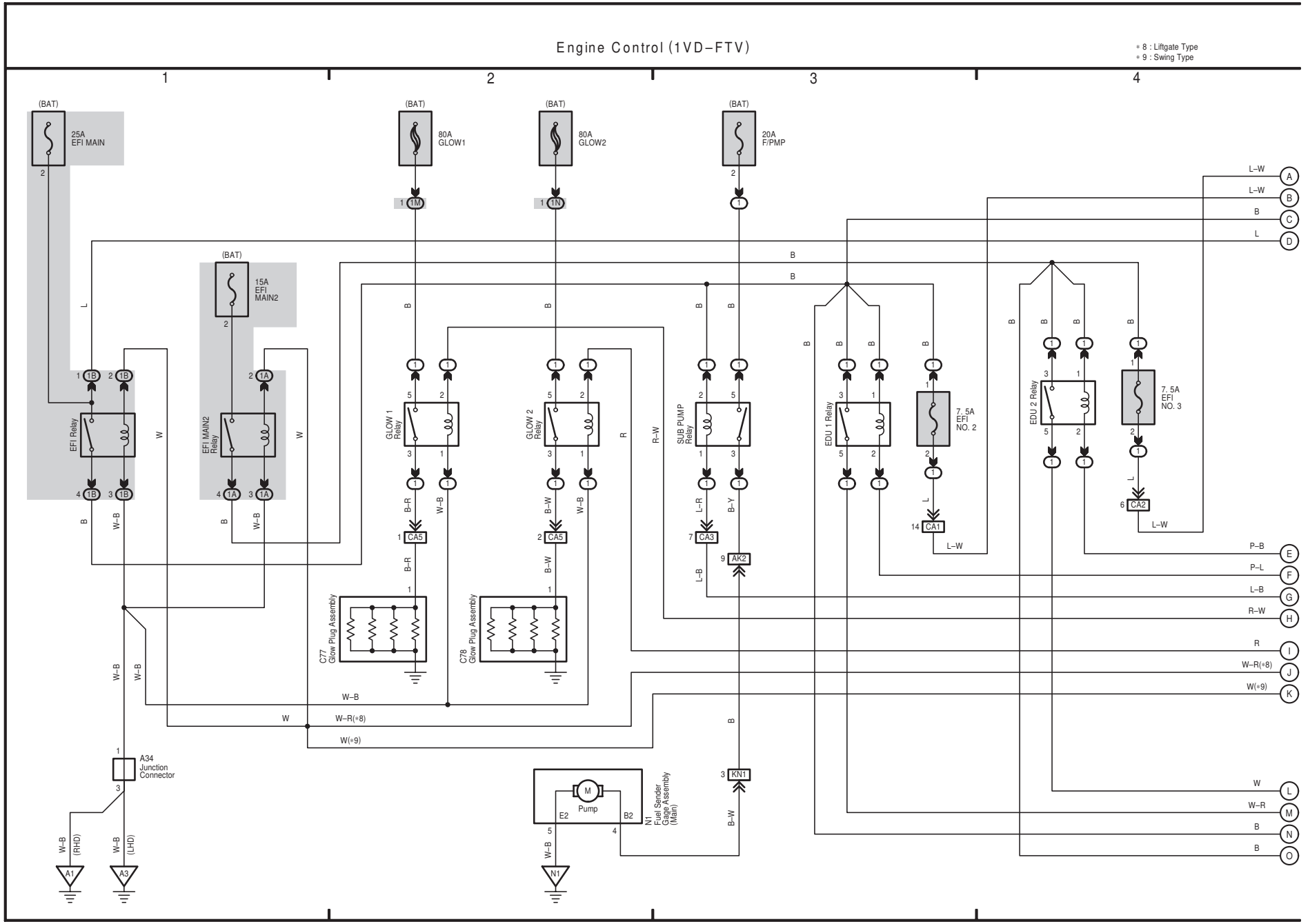


M

15 LAND CRUISER Station Wagon (Cont' d)



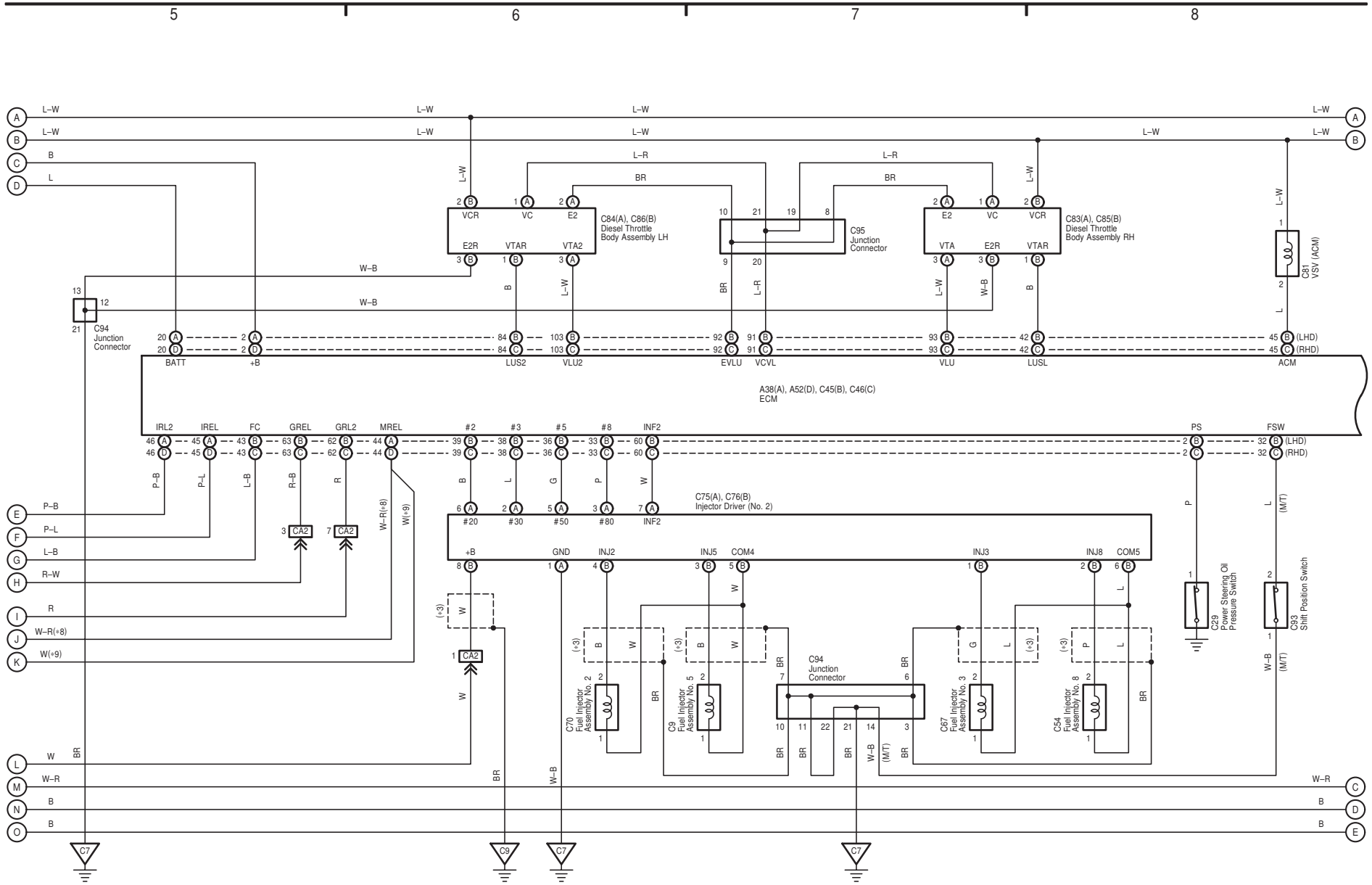
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Engine Control (1VD–FTV)

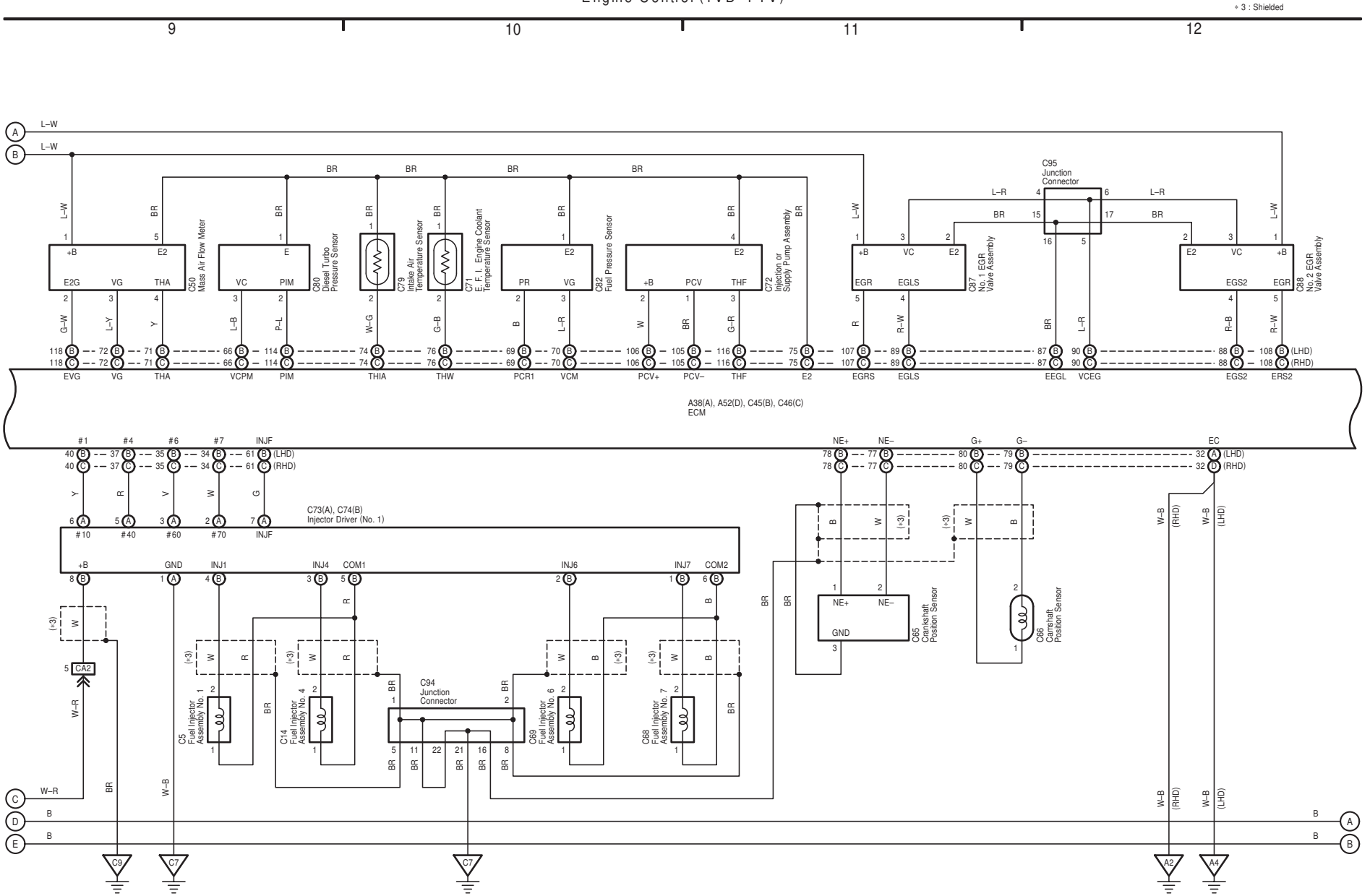
* 3 : Shielded
* 8 : Liftgate Type
* 9 : Swing Type



(Cont. next page)

Engine Control (1VD–FTV)

* 3 : Shielded

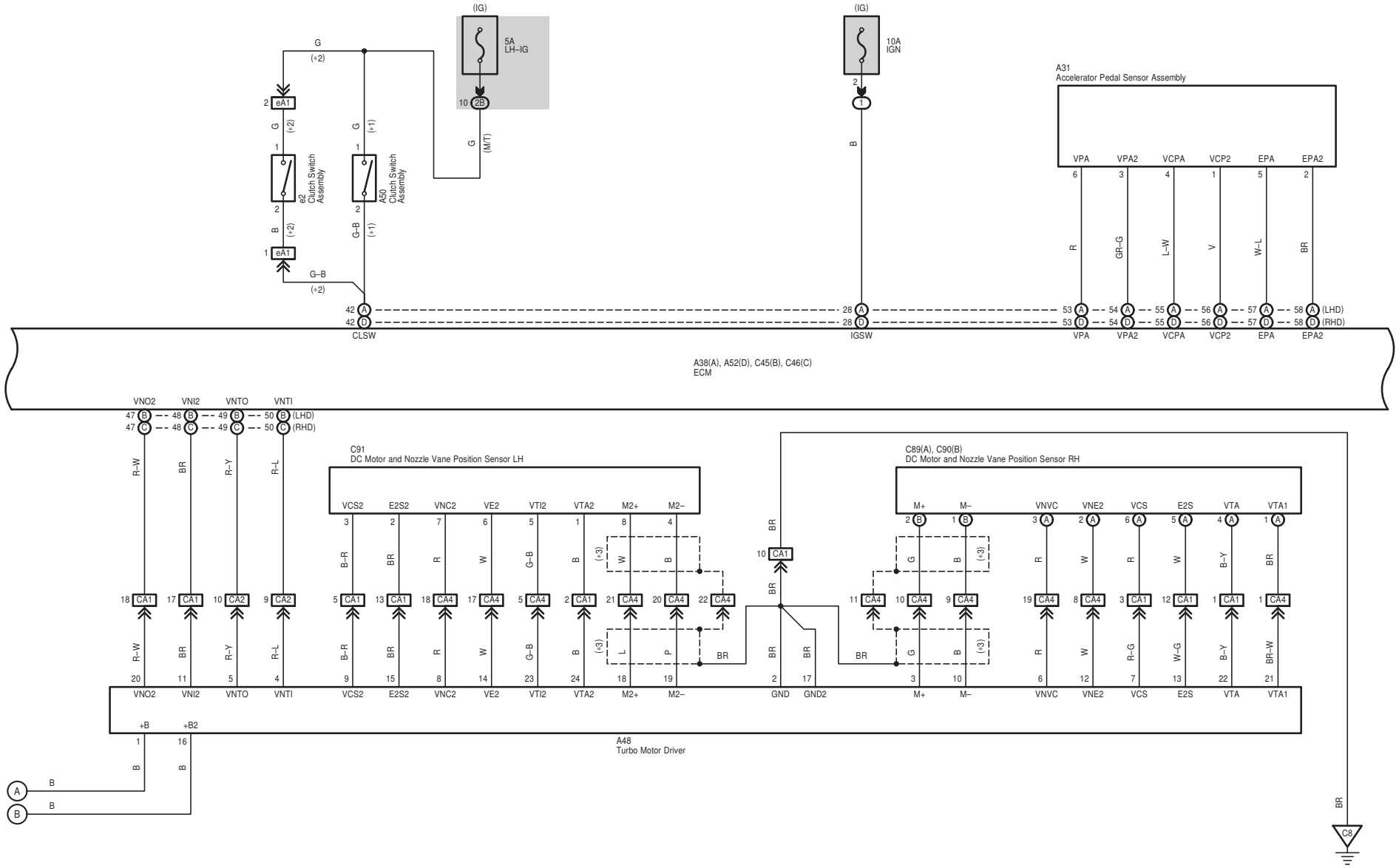


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Engine Control (1VD–FTV)

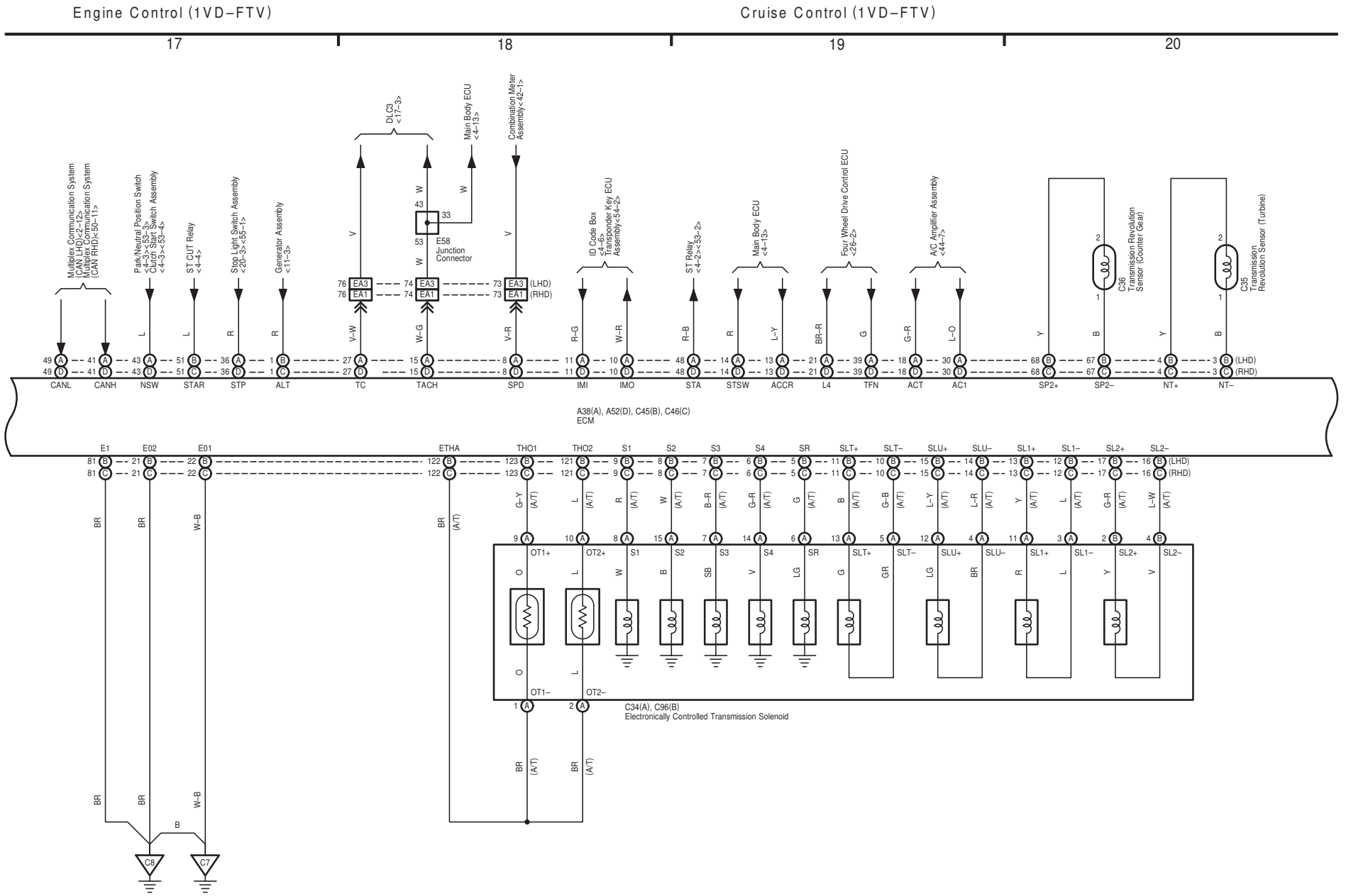
* 1 : LHD M/T
* 2 : RHD M/T
* 3 : Shielded

13 14 15 16



M

(Cont. next page)

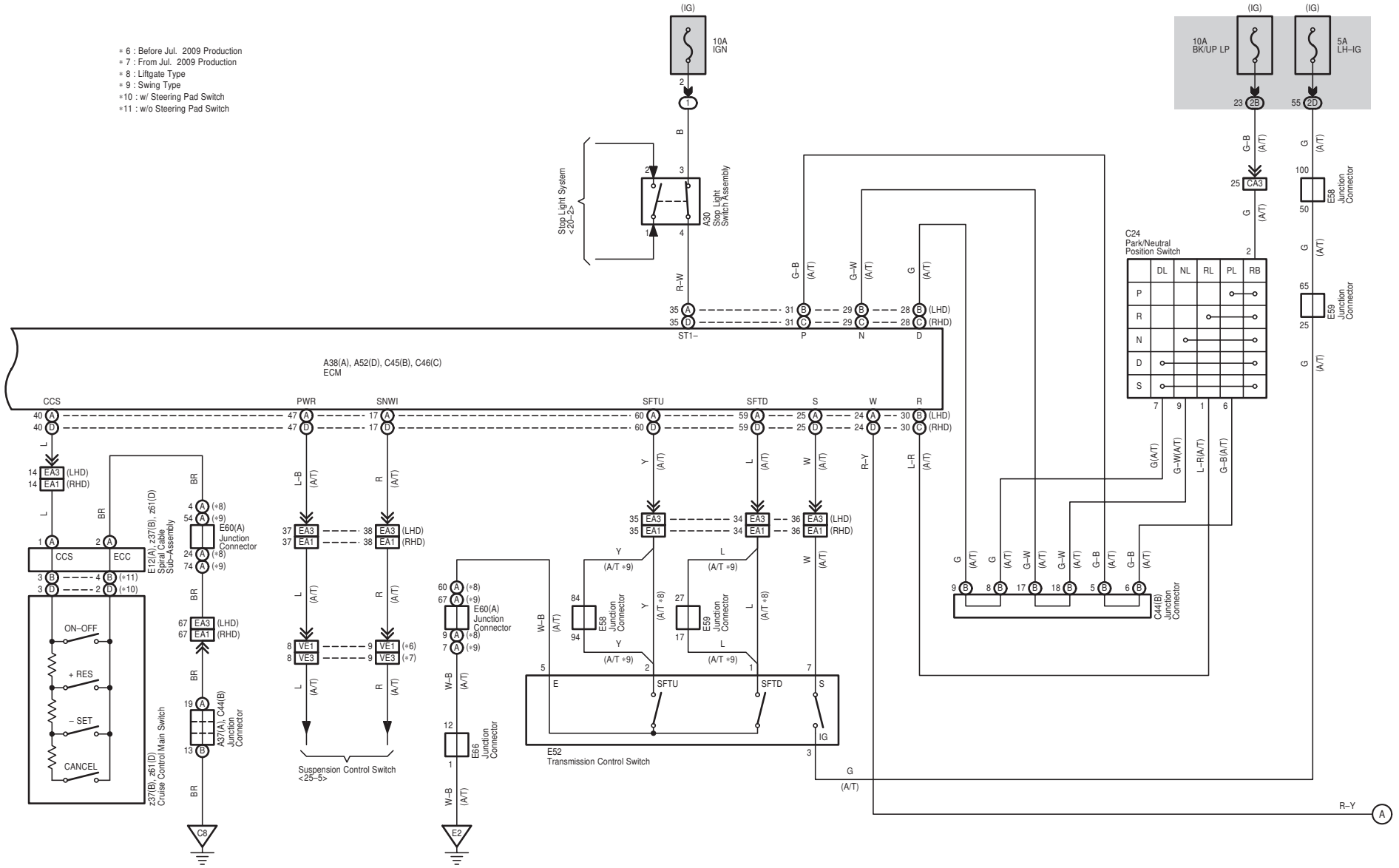


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Cruise Control (1VD–FTV)

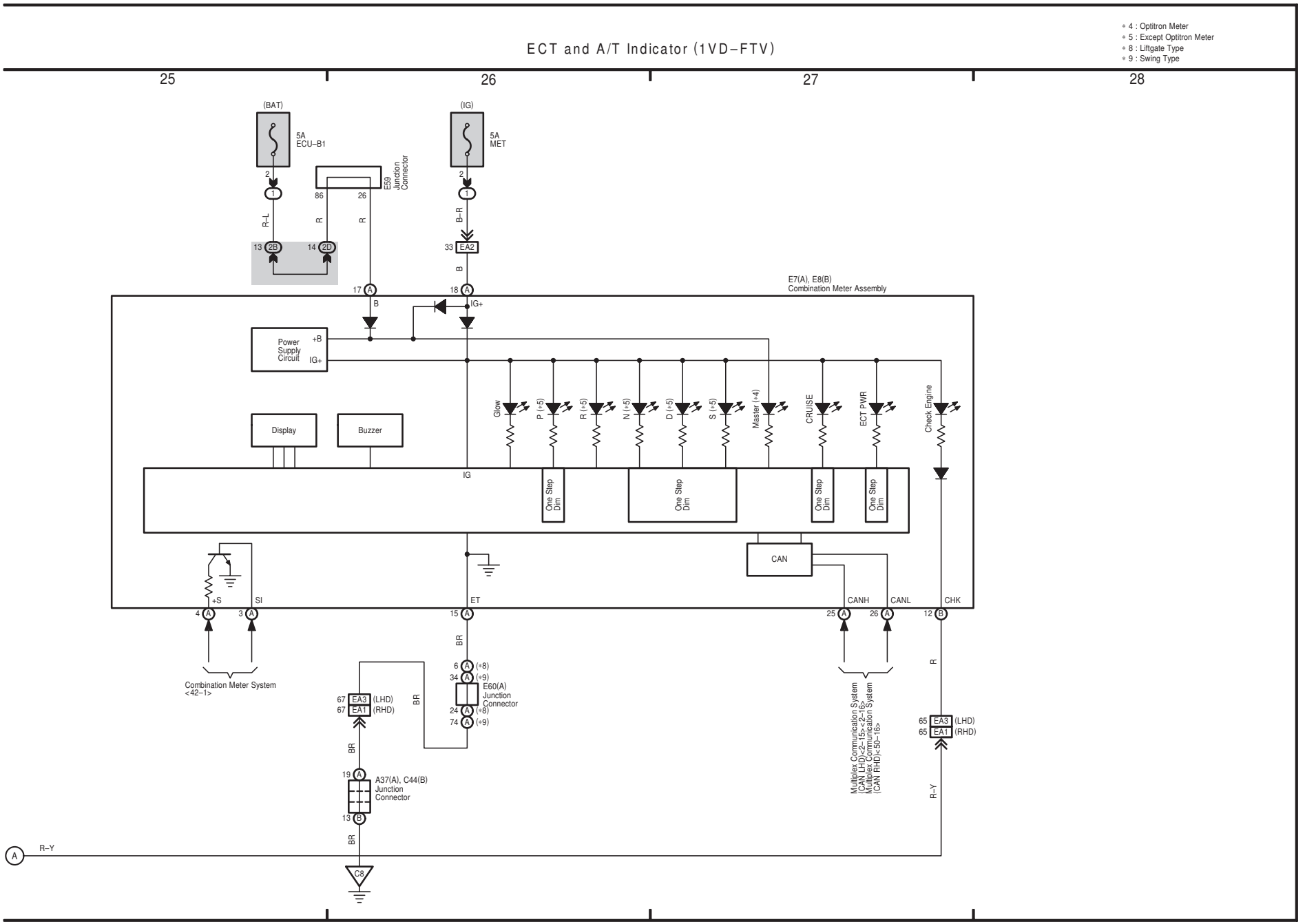
ECT and A/T Indicator (1VD–FTV)

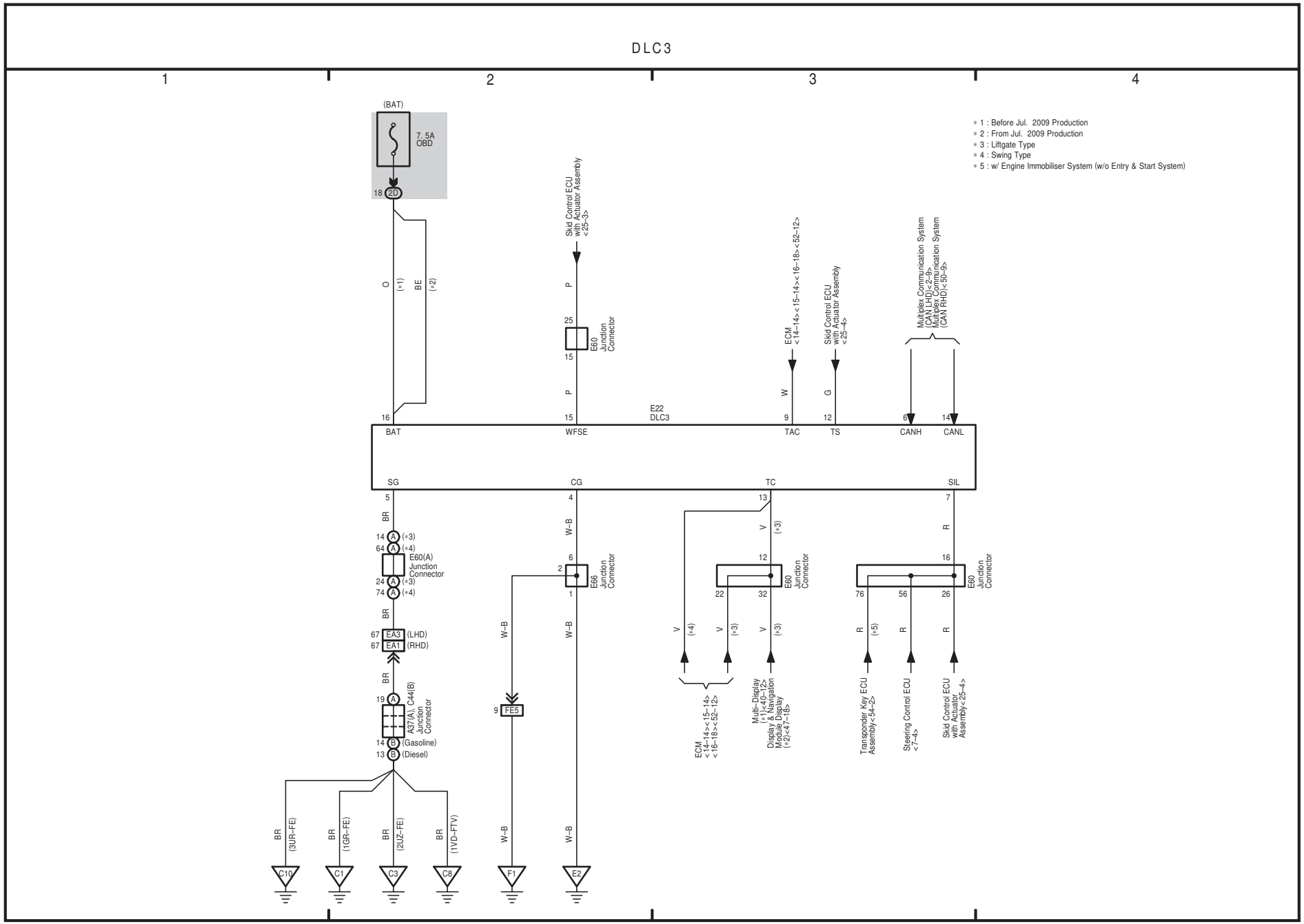
21 22 23 24



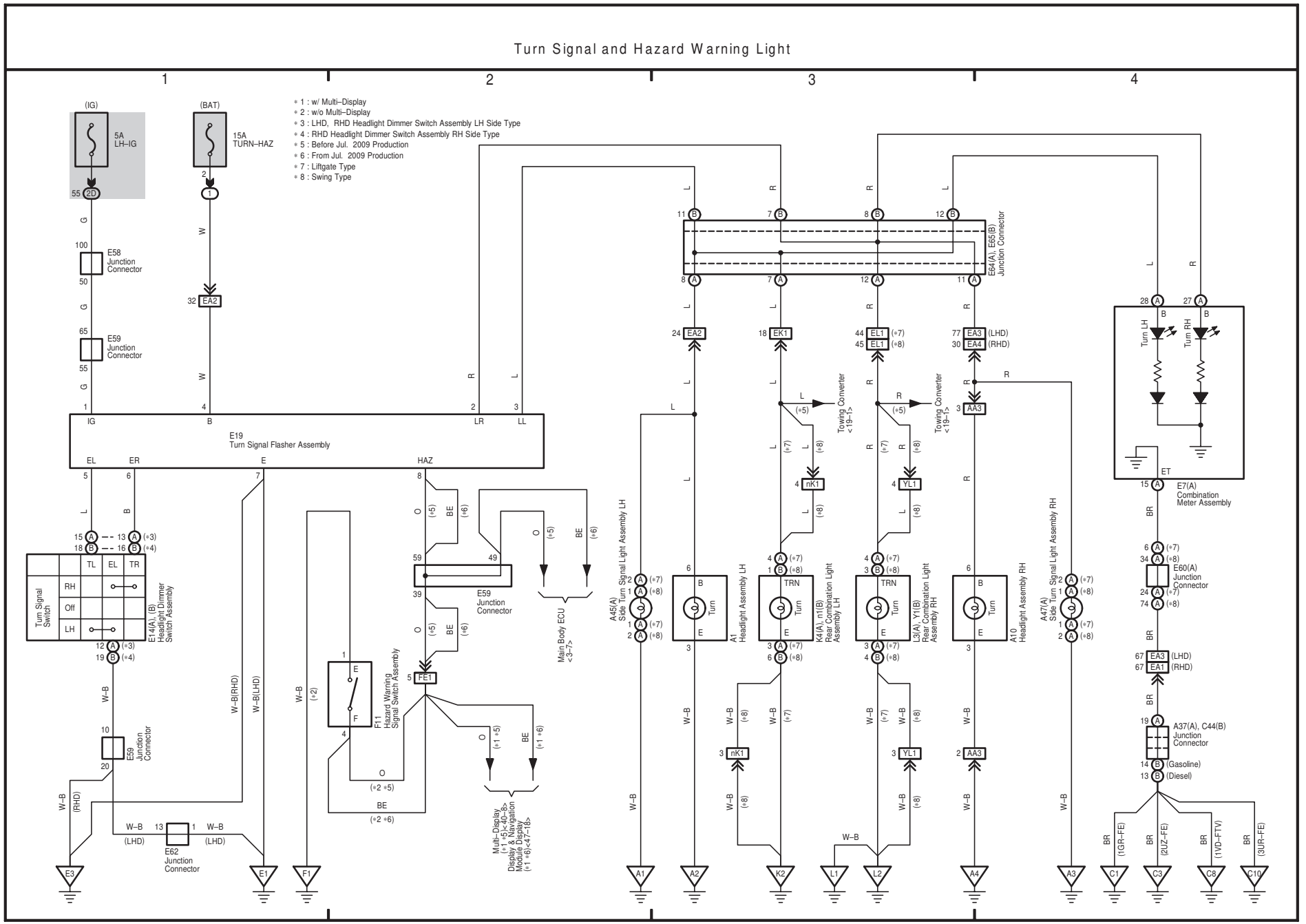
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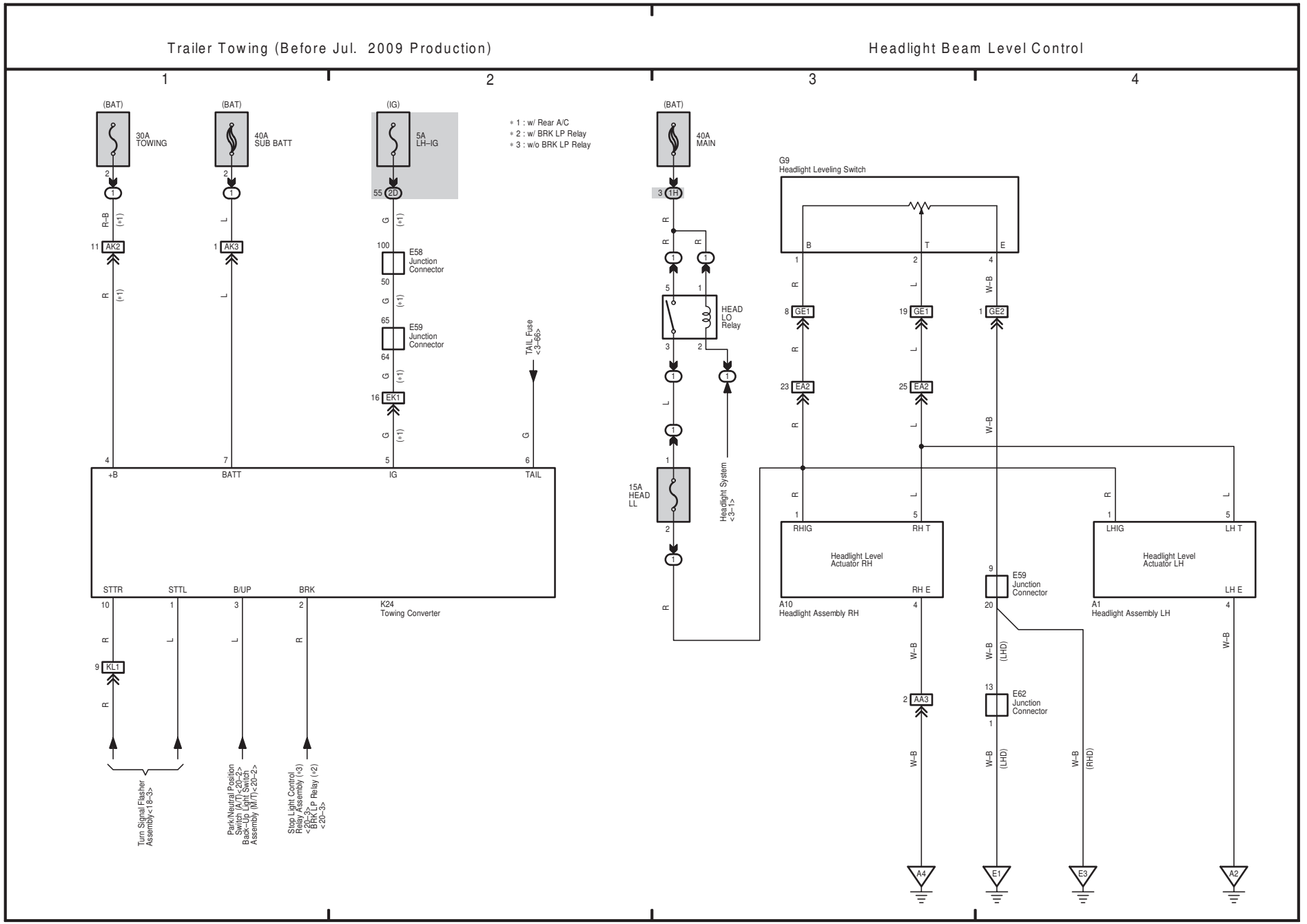
16 LAND CRUISER Station Wagon (Cont' d)




DLC3
1
2
3
4
(BAT)
7. 5A
OBD
18 2D
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Liftgate Type
* 4 : Swing Type
* 5 : w/ Engine Immobiliser System (w/o Entry & Start System)
Skid Control ECU with Actuator Assembly <25–5>
E60 Junction Connector
ECM <14–14><15–14><16–18><52–12>
Skid Control ECU with Actuator Assembly <25–4>
Multiplex Communication System (CAN LHD)<2–9>
Multiplex Communication System (CAN RHD)<50–9>
E22
DLC3
BAT
WFSE
TAC
TS
CANH
CANL
SG
CG
TC
SIL
E60(A) Junction Connector
E66 Junction Connector
E60 Junction Connector
A37(A), C44(B) Junction Connector
EA3 (LHD)
EA1 (RHD)
FE5
(Gasoline)
(Diesel)
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
C10
C1
C3
C8
F1
E2
ECM <14–14><15–14><16–18><52–12>
Multi–Display (*1)<40–12> Display & Navigation Module (*2)<47–18>
Transponder Key ECU Assembly<54–2>
Steering Control ECU <7–4>
Skid Control ECU with Actuator Assembly<25–4>

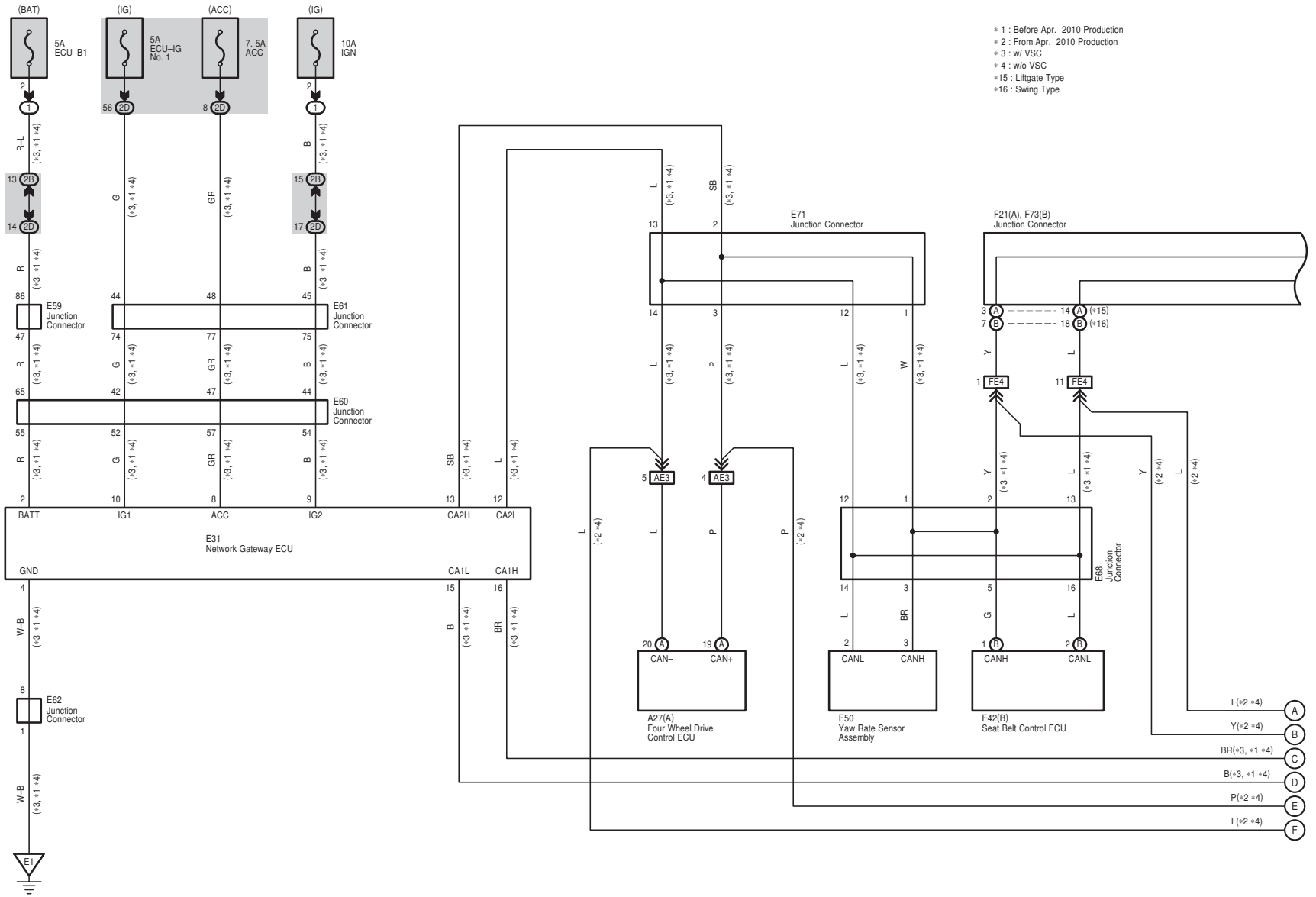
Turn Signal and Hazard Warning Light




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
<3–66>
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>
STP Relay (*2)
<20–3>
RHIG
RH T
RH E
Headlight Level
Actuator RH
A10
Headlight Assembly RH
LHIG
LH T
LH E
Headlight Level
Actuator LH
A1
Headlight Assembly LH
E59
Junction
Connector
E62
Junction
Connector
(LHD)
(RHD)
A4
E1
E3
A2

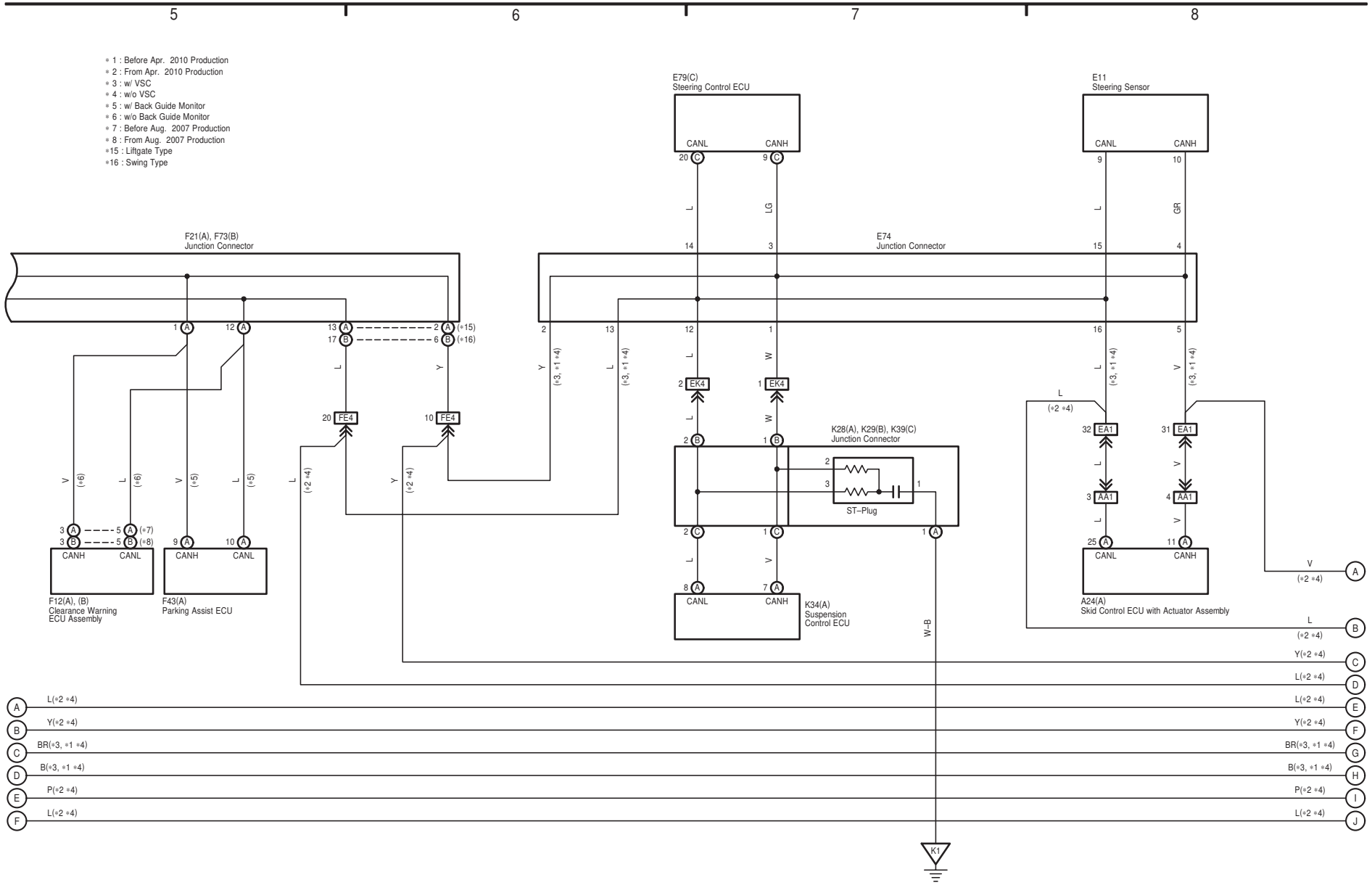
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Multiplex Communication System (CAN LHD)



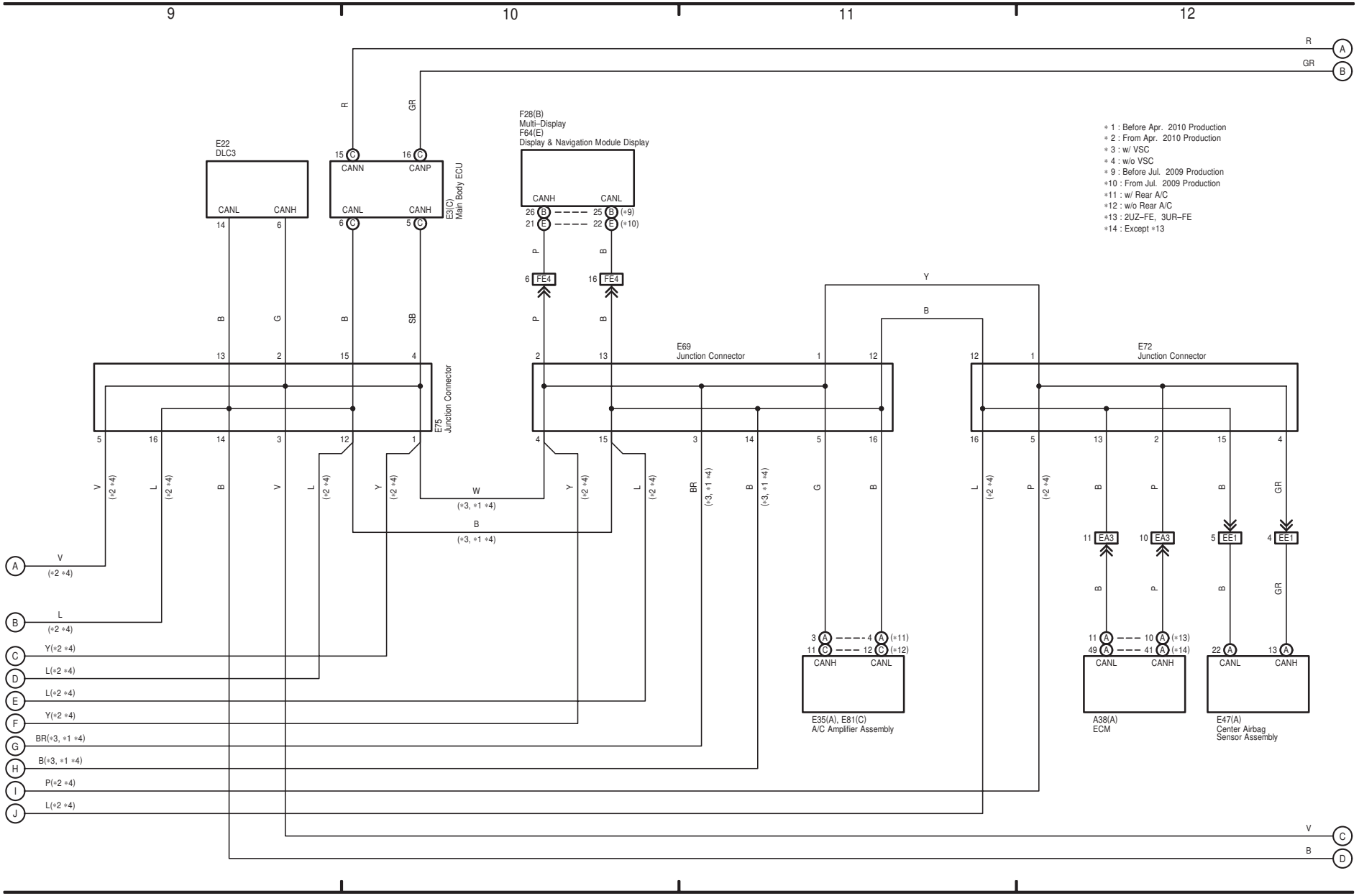
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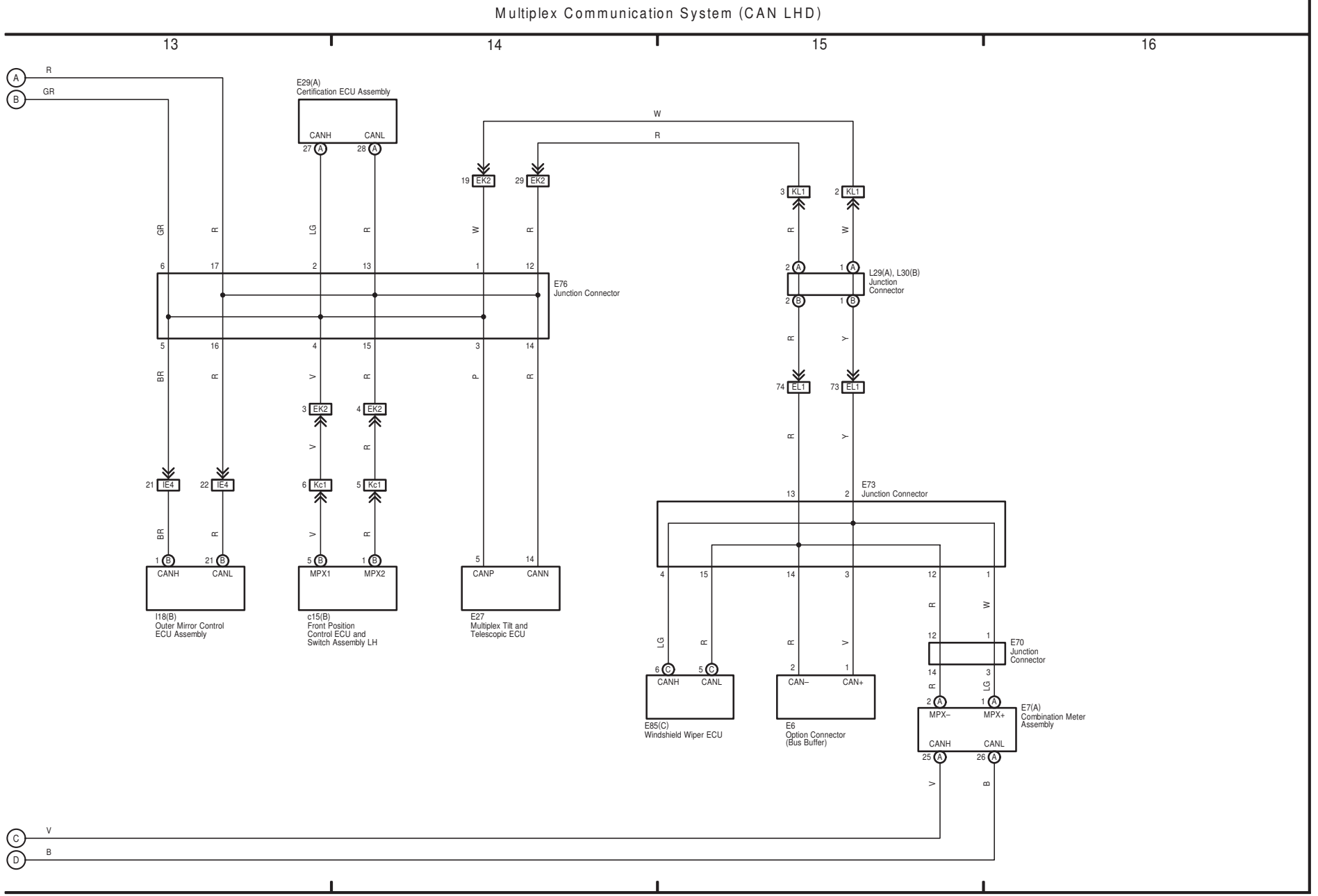
Multiplex Communication System (CAN LHD)

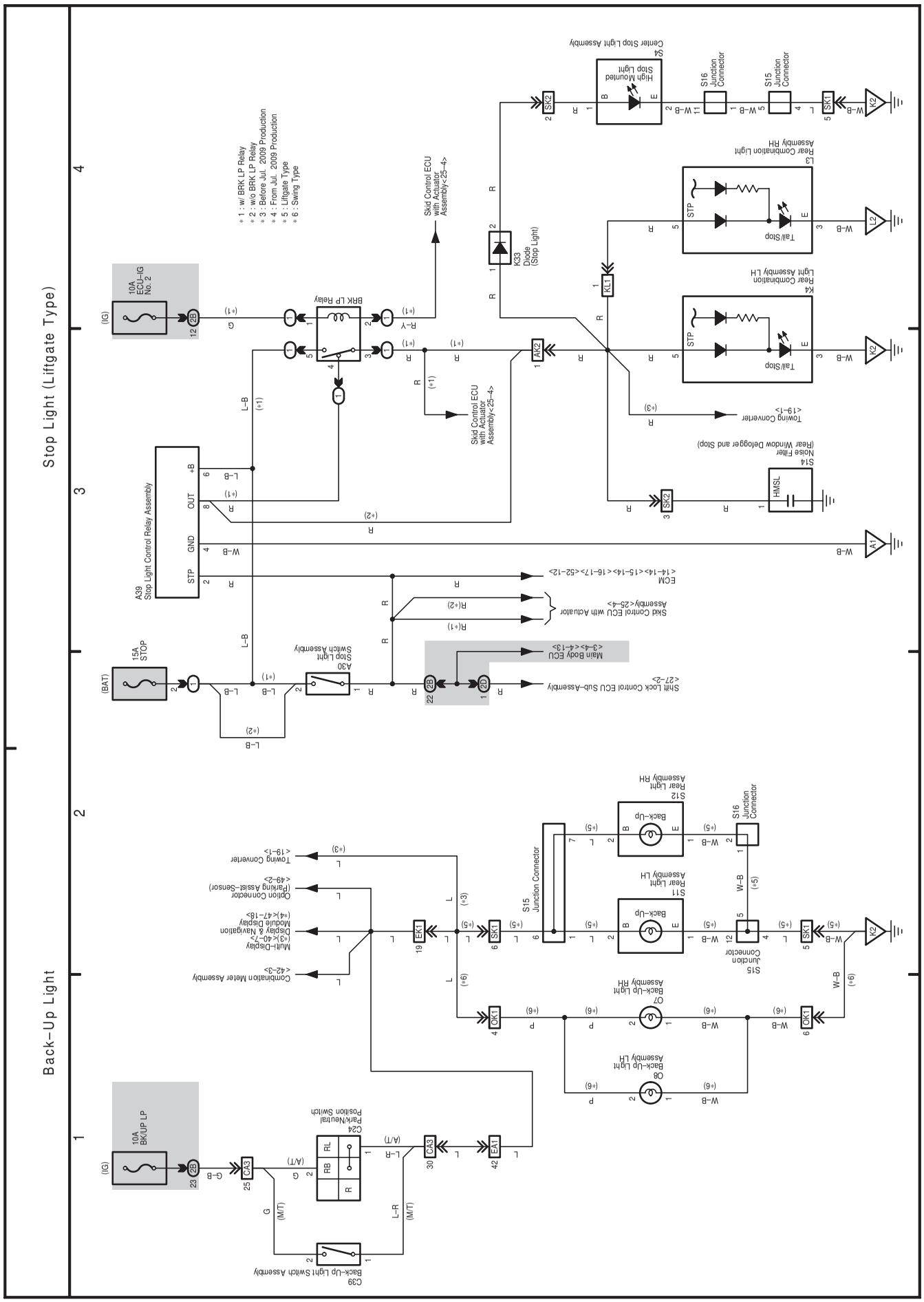


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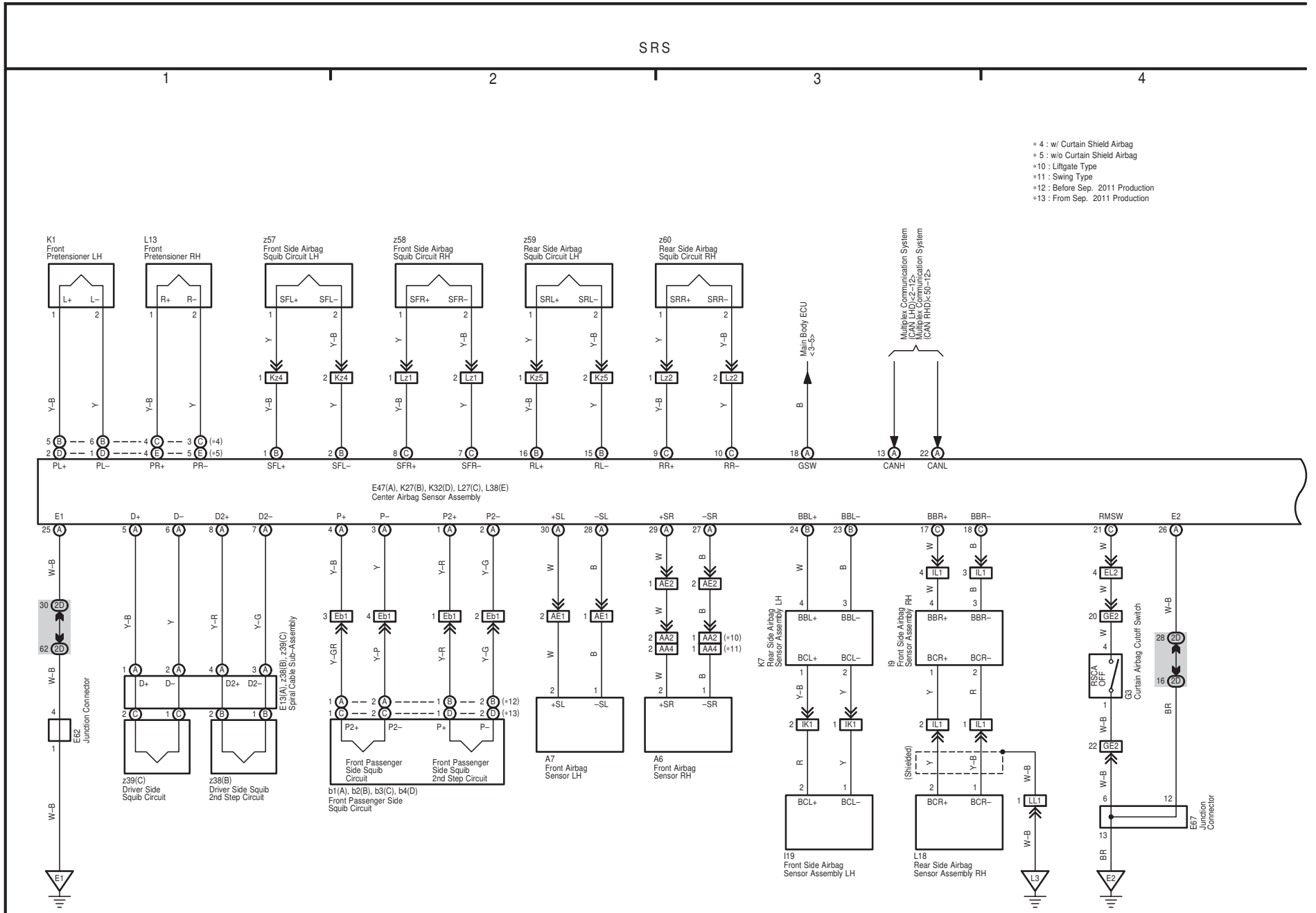
Multiplex Communication System (CAN LHD)



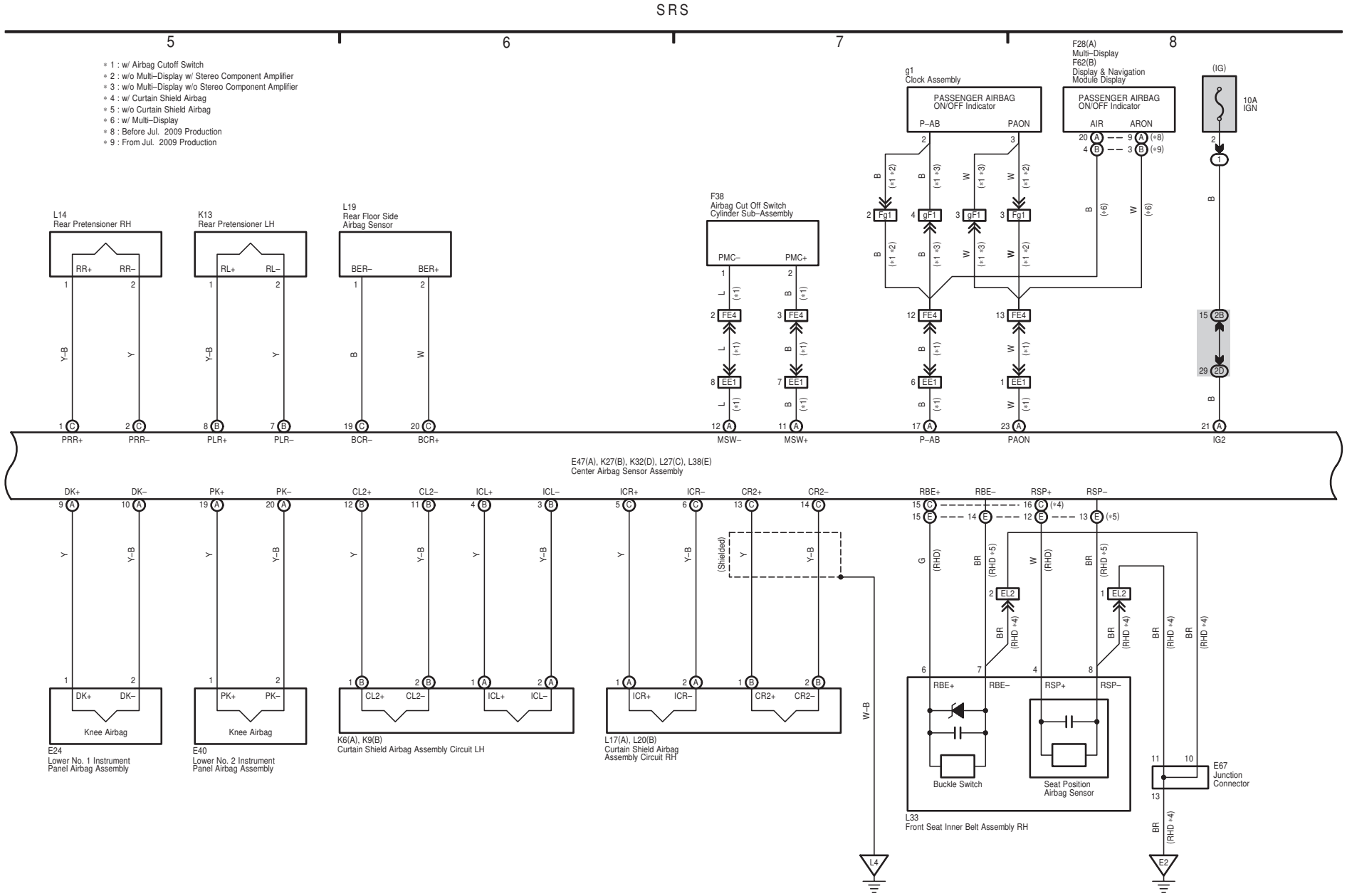

Multiplex Communication System (CAN LHD)
13
14
15
16
E29(A)
Certification ECU Assembly
CANH
CANL
E76
Junction Connector
L29(A), L30(B)
Junction
Connector
E73
Junction Connector
E70
Junction
Connector
E7(A)
Combination Meter
Assembly
MPX–
MPX+
I18(B)
Outer Mirror Control
ECU Assembly
c15(B)
Front Position
Control ECU and
Switch Assembly LH
MPX1
MPX2
E27
Multiplex Tilt and
Telescopic ECU
CANP
CANN
E85(C)
Windshield Wiper ECU
E6
Option Connector
(Bus Buffer)
CAN–
CAN+


Stop Light (Liftgate Type)
Back–Up Light
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
* 5 : Liftgate Type
* 6 : Swing Type
10A ECU–IG No. 2
BRK LP Relay
Skid Control ECU with Actuator Assembly<25–4>
K33 Diode (Stop Light)
Center Stop Light Assembly
S4
High Mounted Stop Light
S16 Junction Connector
S15 Junction Connector
L3 Rear Combination Light Assembly RH
K4 Rear Combination Light Assembly LH
Tail/Stop
Towing Converter <19–1>
S14 Noise Filter (Rear Window Defogger and Stop)
HMSL
A39 Stop Light Control Relay Assembly
ECM <14–14><15–14><16–17><52–12>
Skid Control ECU with Actuator Assembly<25–4>
15A STOP
A30 Stop Light Switch Assembly
Main Body ECU <3–4><4–13>
Shift Lock Control ECU Sub–Assembly <27–2>
10A BK/UP LP
C24 Park/Neutral Position Switch
C39 Back–Up Light Switch Assembly
S15 Junction Connector
S12 Rear Light Assembly RH
S11 Rear Light Assembly LH
S15 Junction Connector
Back–Up
Back–Up Light Assembly RH
Back–Up Light Assembly LH
Combination Meter Assembly <42–3>
Multi–Display Display & Navigation Module Display (*4)<47–18>
Option Connector (Parking Assist–Sensor) <49–2>
Towing Converter <19–1>

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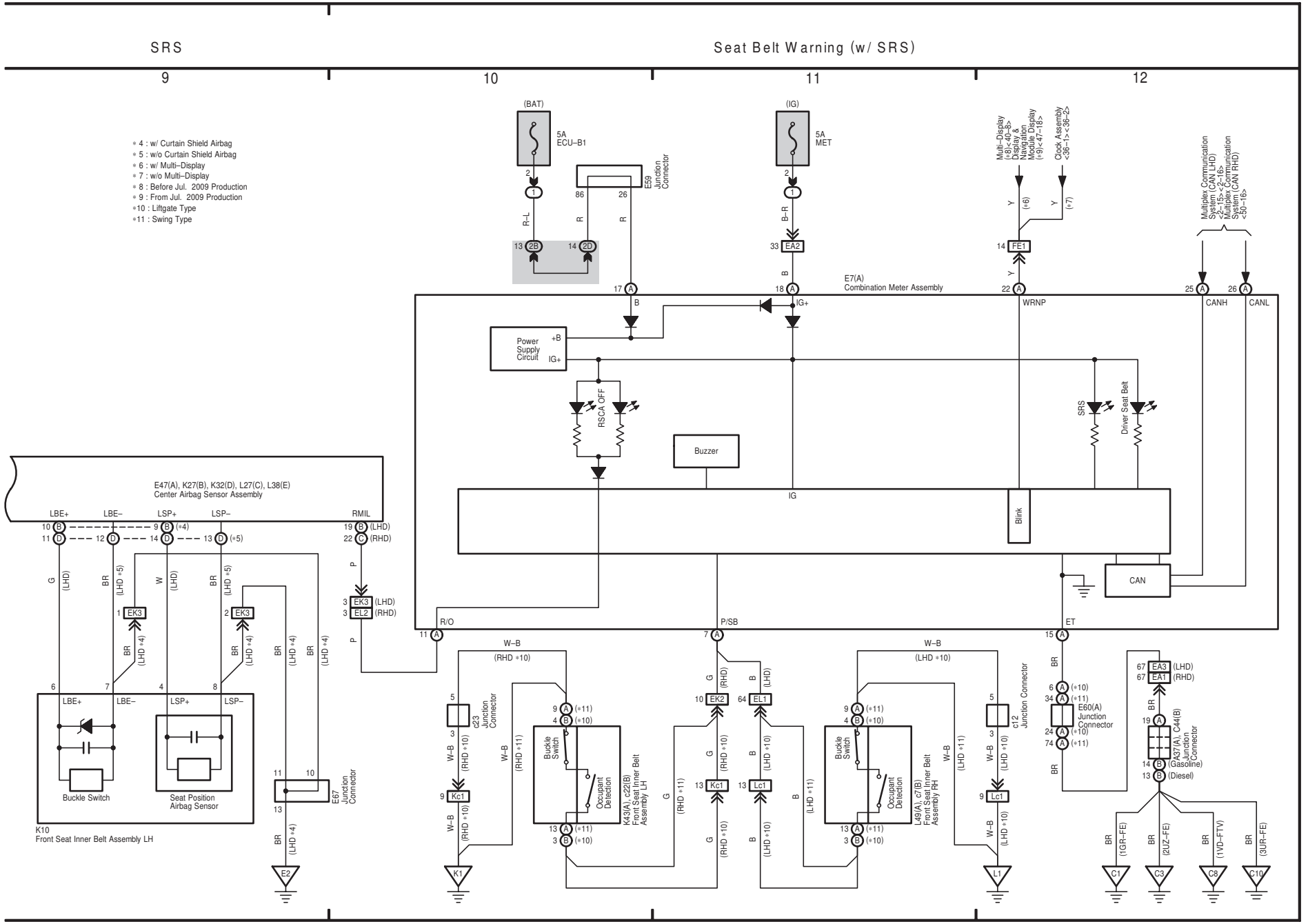


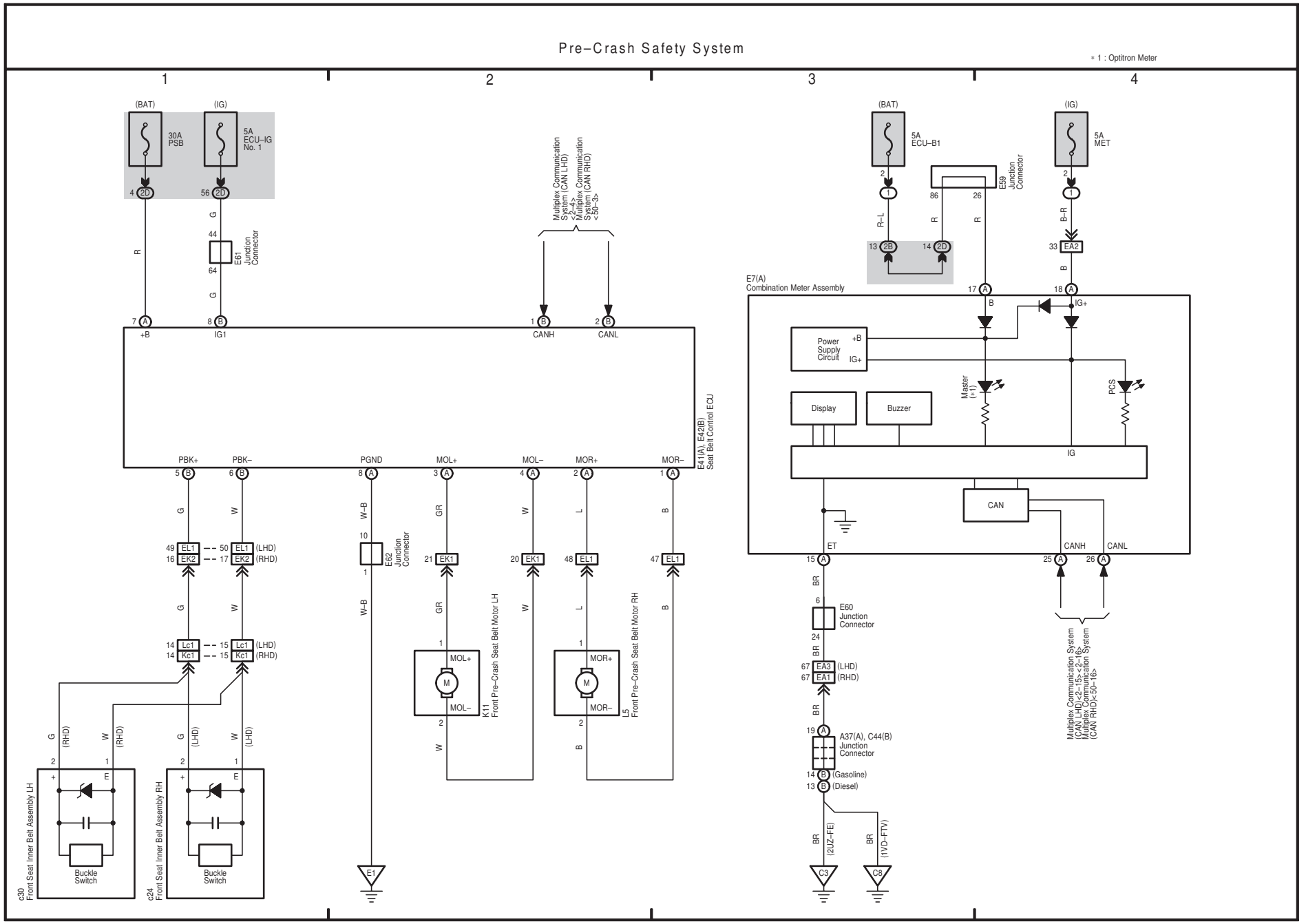
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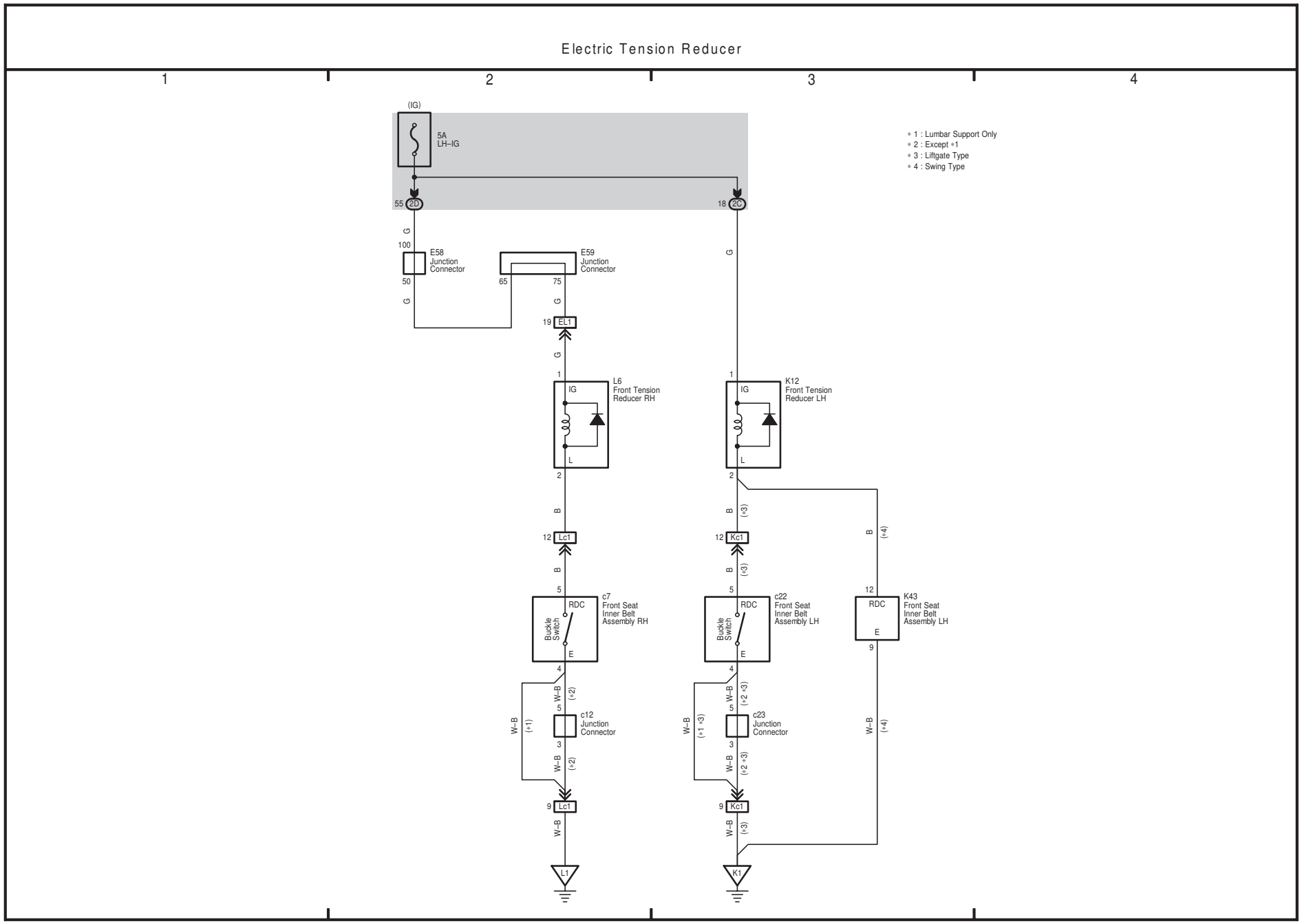


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21 LAND CRUISER Station Wagon (Cont' d)



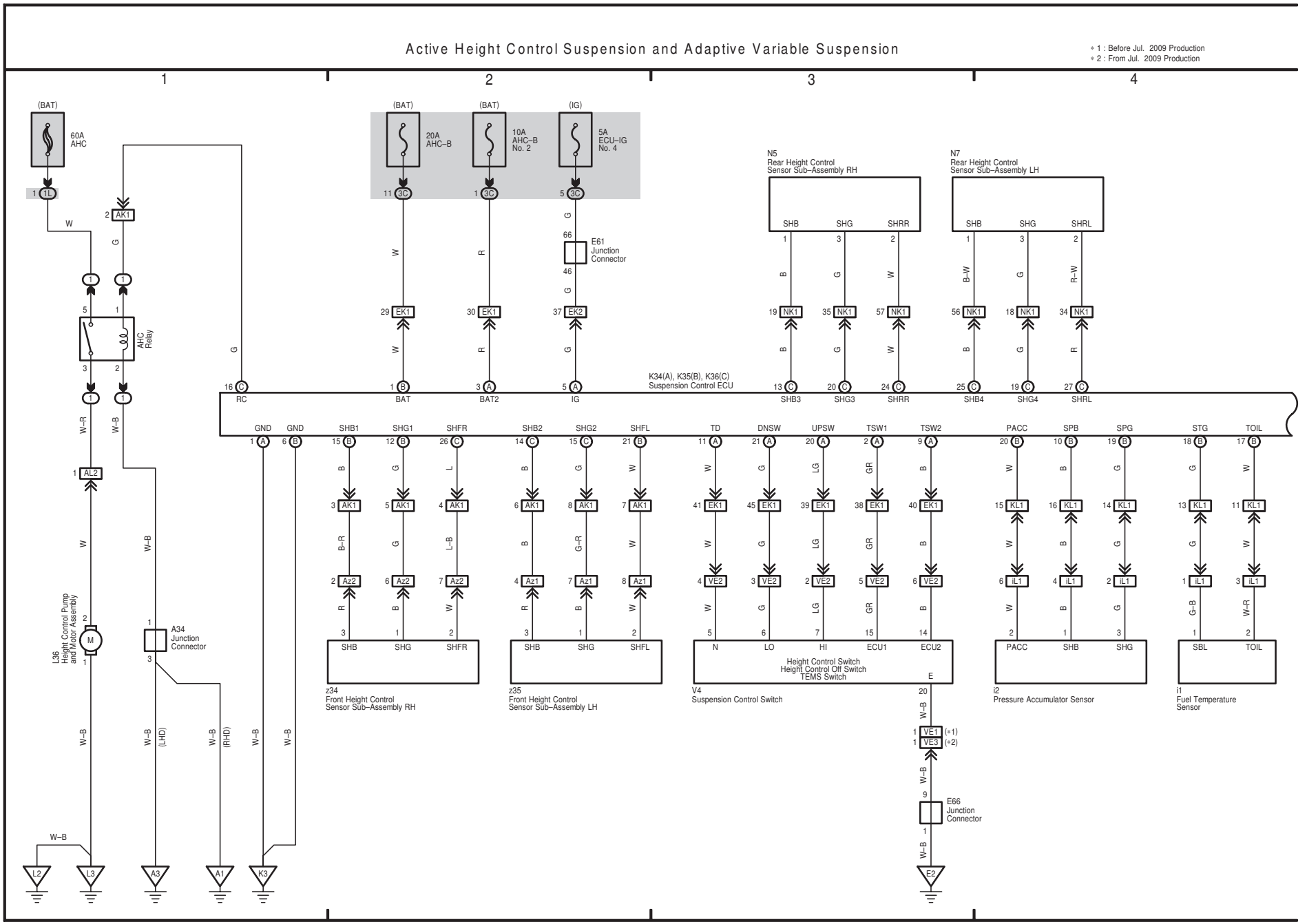

Pre–Crash Safety System
* 1 : Optitron Meter
1
2
3
4
(BAT)
(IG)
30A PSB
5A ECU–IG No. 1
4 2D
56 2D
G
44
E61 Junction Connector
64
G
R
7 A
+B
8 B
IG1
Multiplex Communication System (CAN LHD) <2–4>
Multiplex Communication System (CAN RHD) <50–3>
1 B
CANH
2 B
CANL
E41(A), E42(B) Seat Belt Control ECU
PBK+
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
W
L
B
49 EL1
16 EK2
50 EL1 (LHD)
17 EK2 (RHD)
14 Lc1
14 Kc1
15 Lc1 (LHD)
15 Kc1 (RHD)
10
E62 Junction Connector
1
21 EK1
20 EK1
48 EL1
47 EL1
MOL+
MOL–
MOR+
MOR–
K11 Front Pre–Crash Seat Belt Motor LH
L5 Front Pre–Crash Seat Belt Motor RH
G
W
(RHD)
(LHD)
2
1
+
E
c30 Front Seat Inner Belt Assembly LH
c24 Front Seat Inner Belt Assembly RH
Buckle Switch
E1
(BAT)
(IG)
5A ECU–B1
5A MET
E59 Junction Connector
2
1
86
26
R–L
R
B–R
13 2B
14 2D
33 EA2
B
E7(A) Combination Meter Assembly
17 A
18 A
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 LHD)<2–15><2–16> Multiplex Communication System (CAN RHD)<50–15><50–16>


Electric Tension Reducer
1
2
3
4
(IG)
5A
LH–IG
55 2D
18 2C
G
100
E58
Junction
Connector
50
E59
Junction
Connector
65
75
19 EL1
1
IG
L6
Front Tension
Reducer RH
L
2
B
12 Lc1
5
RDC
Buckle
Switch
E
c7
Front Seat
Inner Belt
Assembly RH
4
W–B
5
c12
Junction
Connector
3
9 Lc1
L1
K12
Front Tension
Reducer LH
Kc1
c22
Front Seat
Inner Belt
Assembly LH
c23
Junction
Connector
K43
Front Seat
Inner Belt
Assembly LH
9
K1
(*1)
(*2)
(*3)
(*4)
* 1 : Lumbar Support Only
* 2 : Except *1
* 3 : Liftgate Type
* 4 : Swing Type

(Cont. next page)

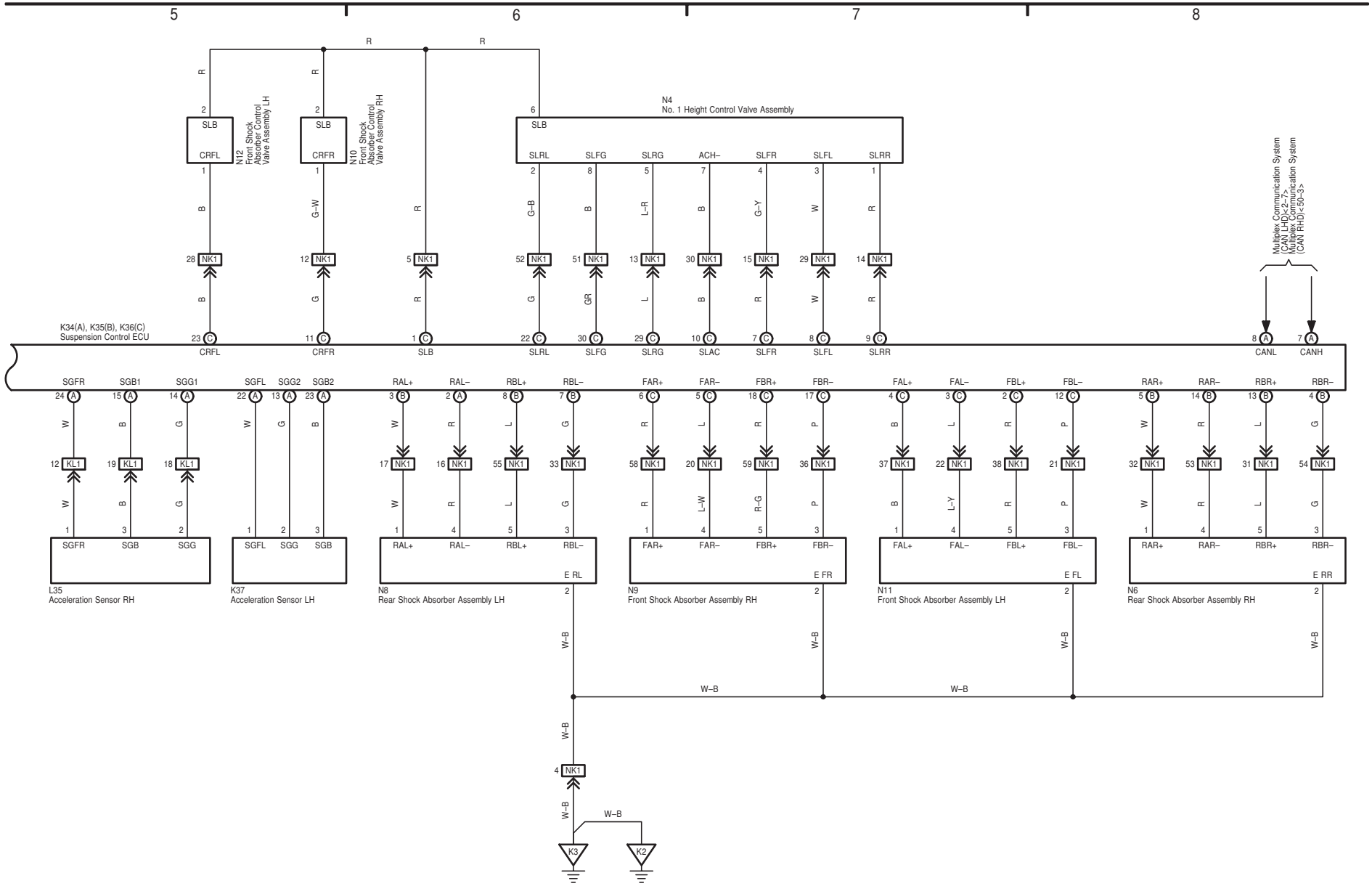
Active Height Control Suspension and Adaptive Variable Suspension

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



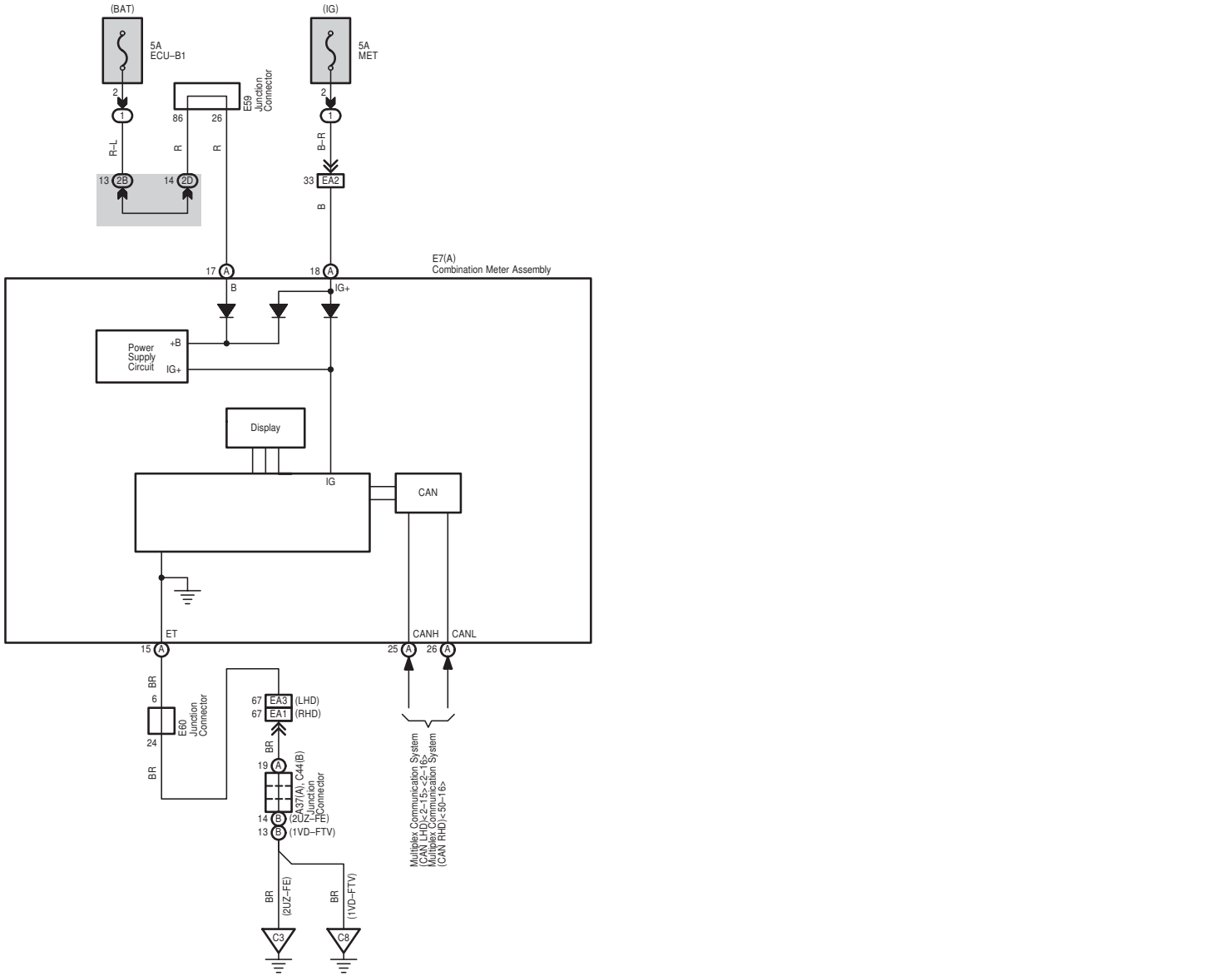
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Active Height Control Suspension and Adaptive Variable Suspension



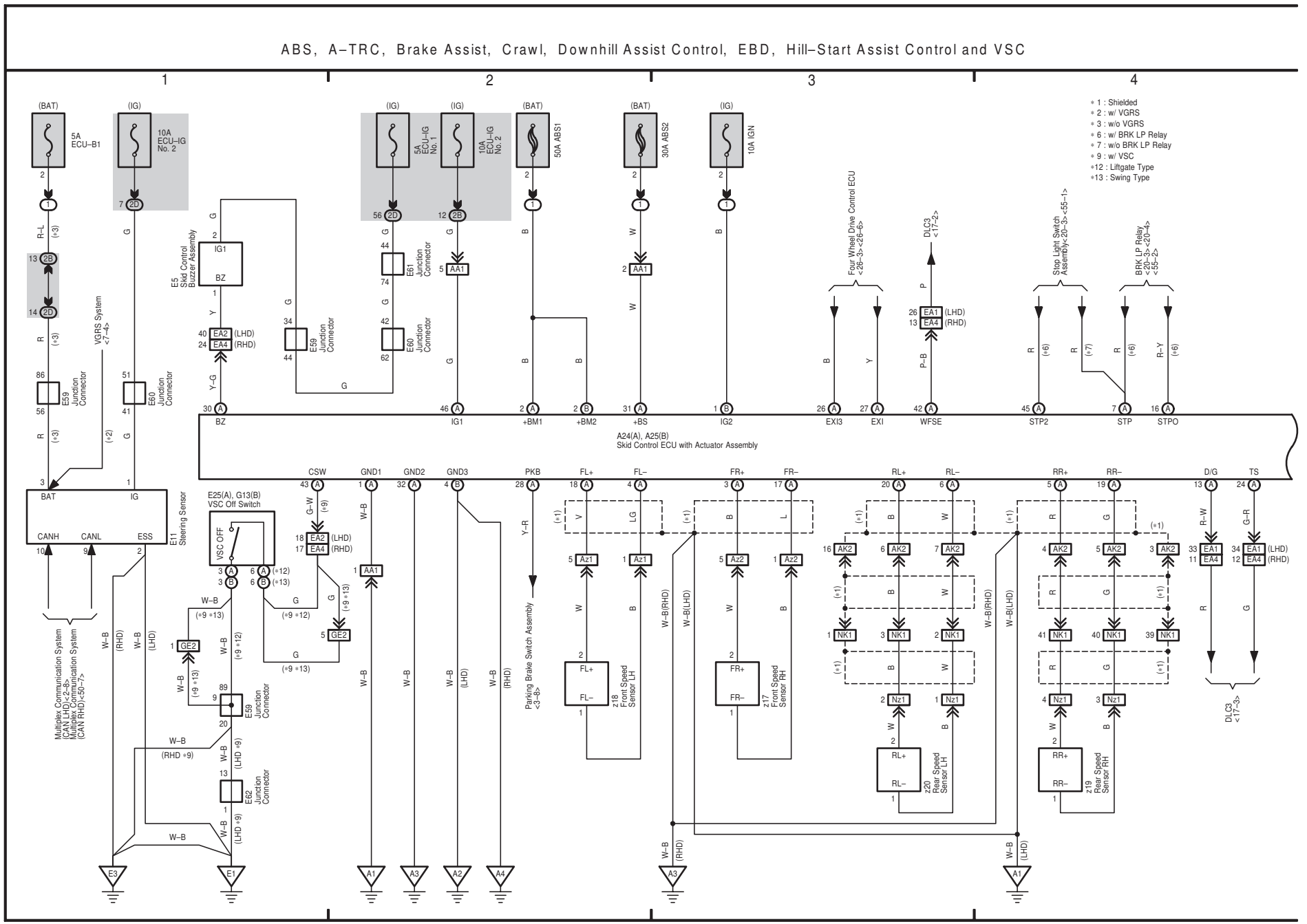
24 LAND CRUISER Station Wagon (Cont' d)

Active Height Control Suspension and Adaptive Variable Suspension

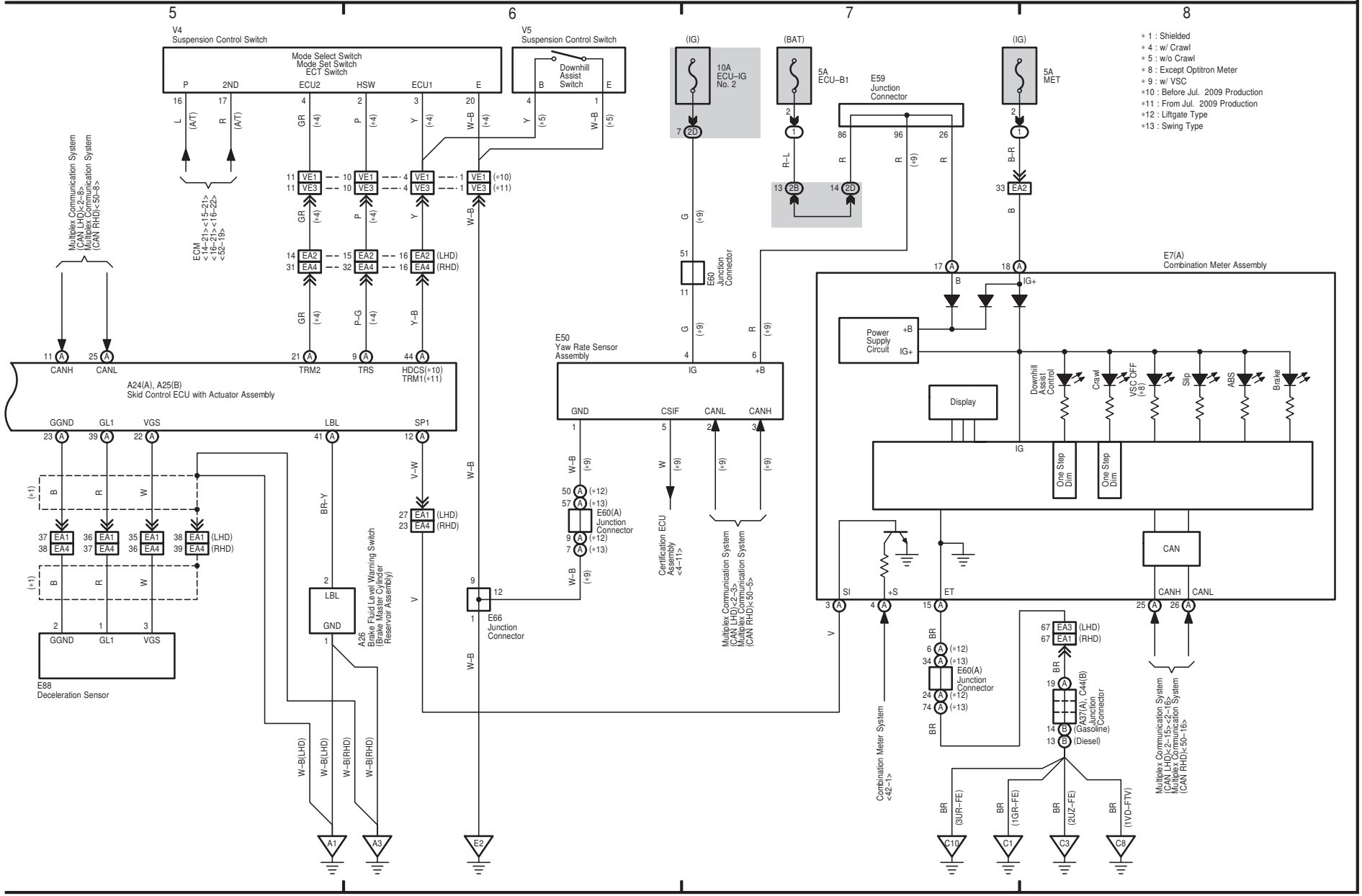


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ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control and VSC

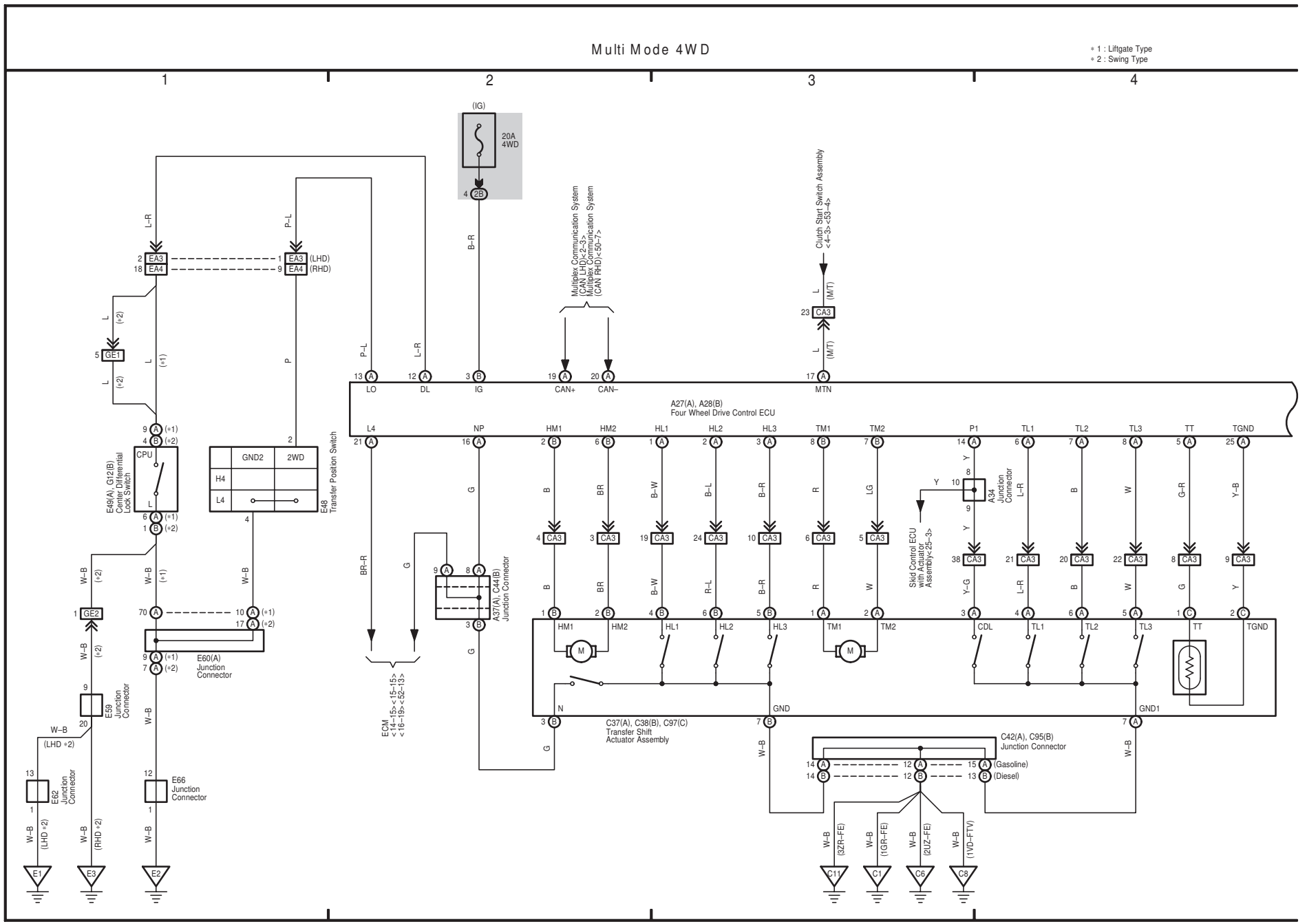


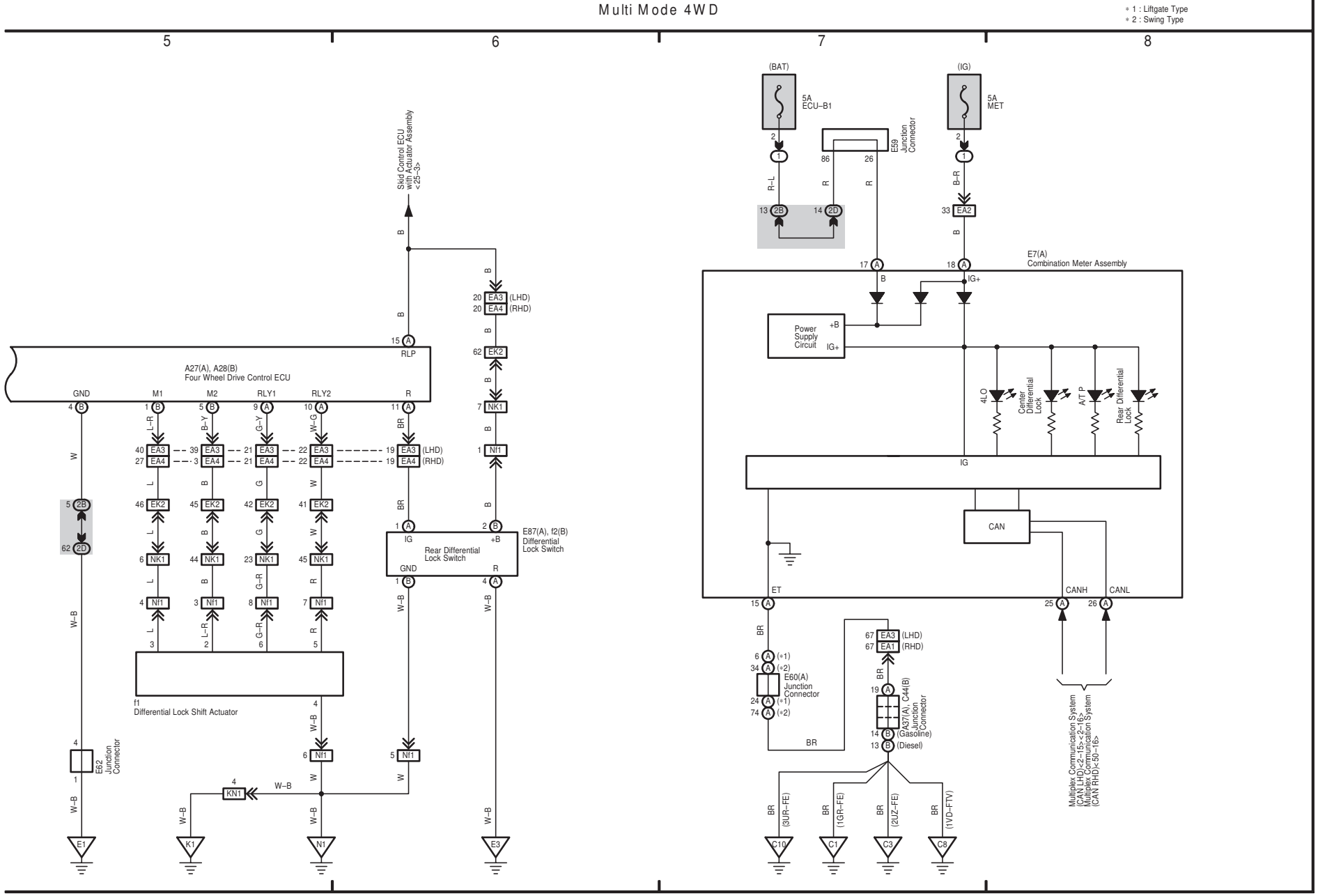
ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control and VSC

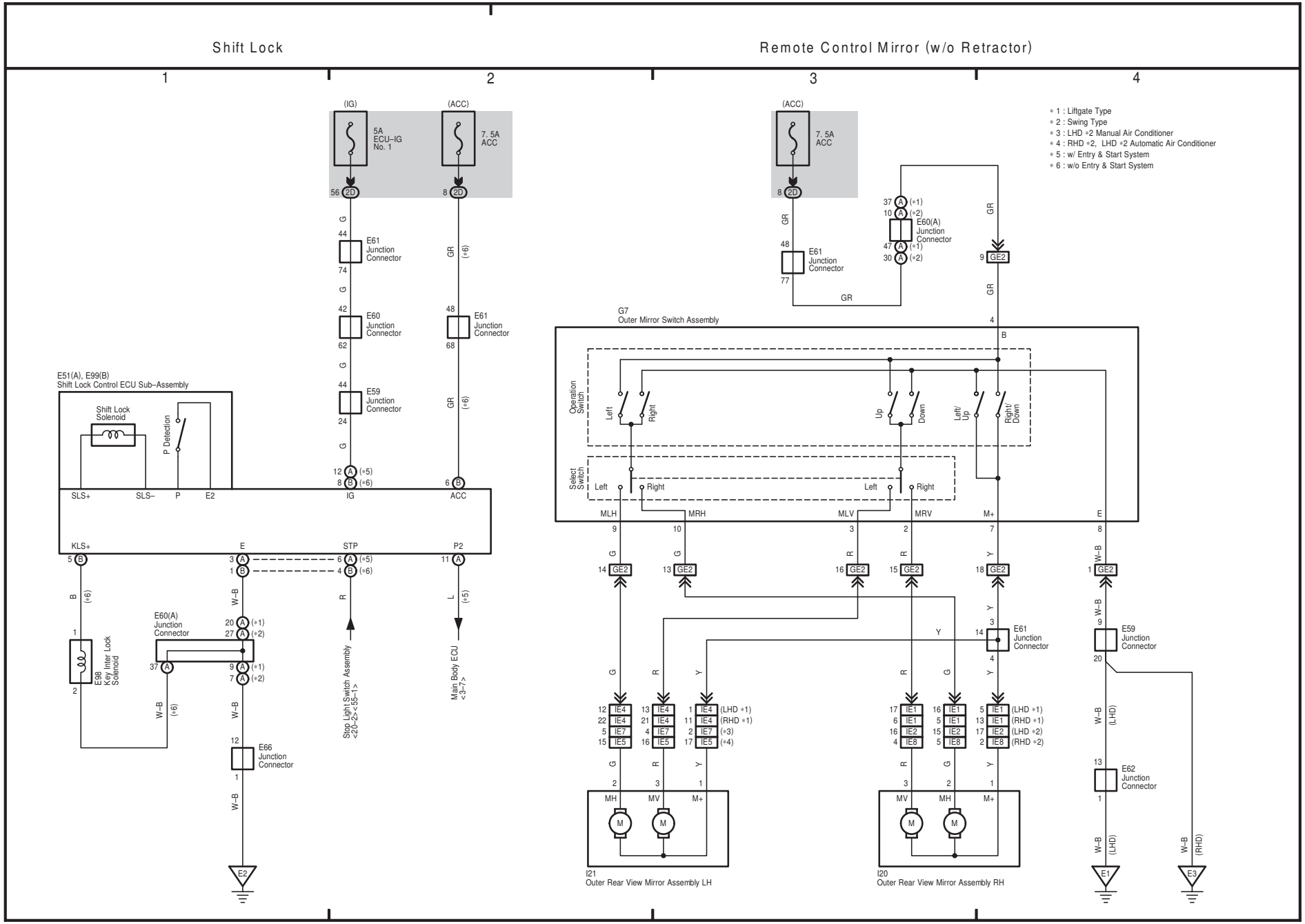


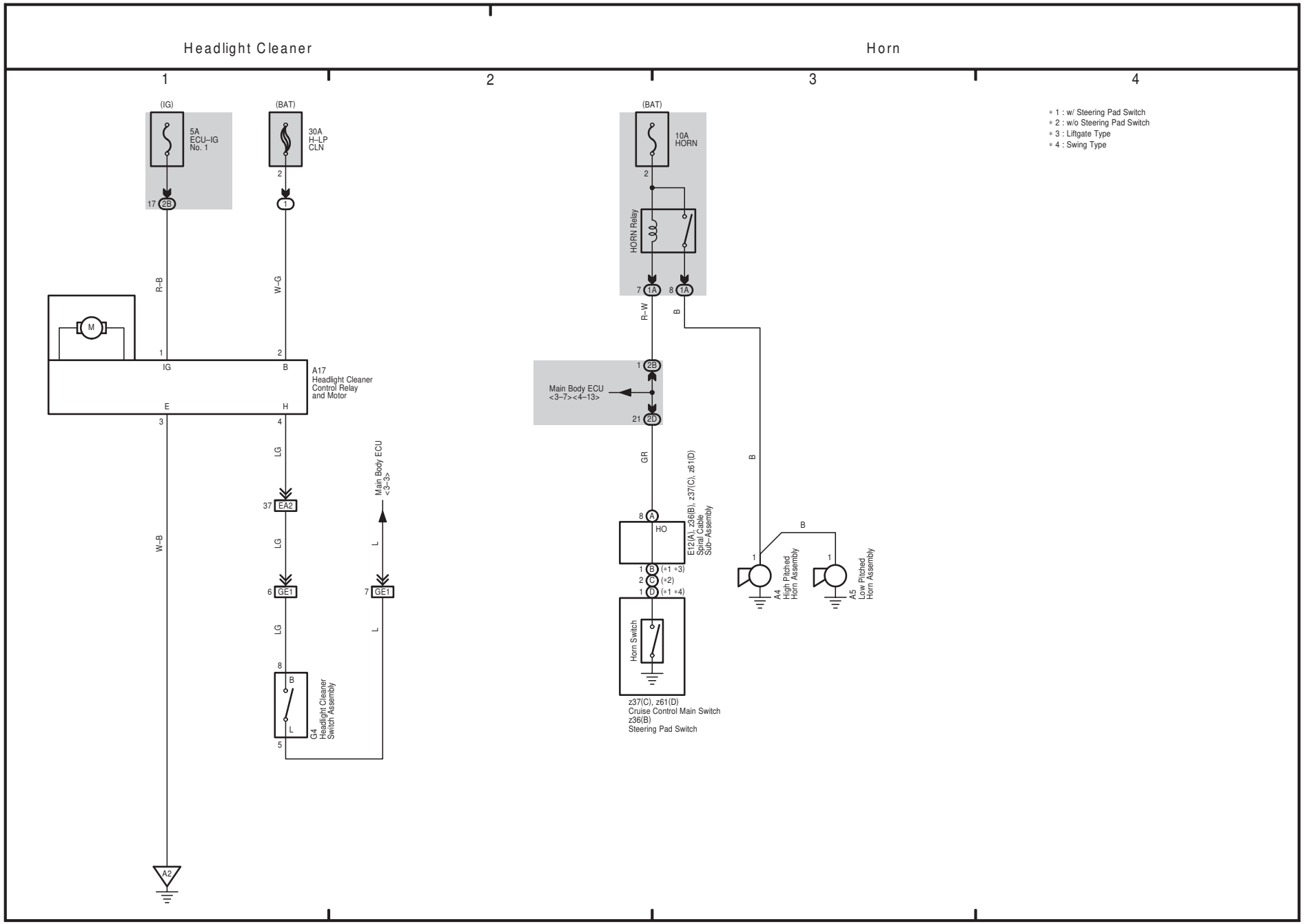
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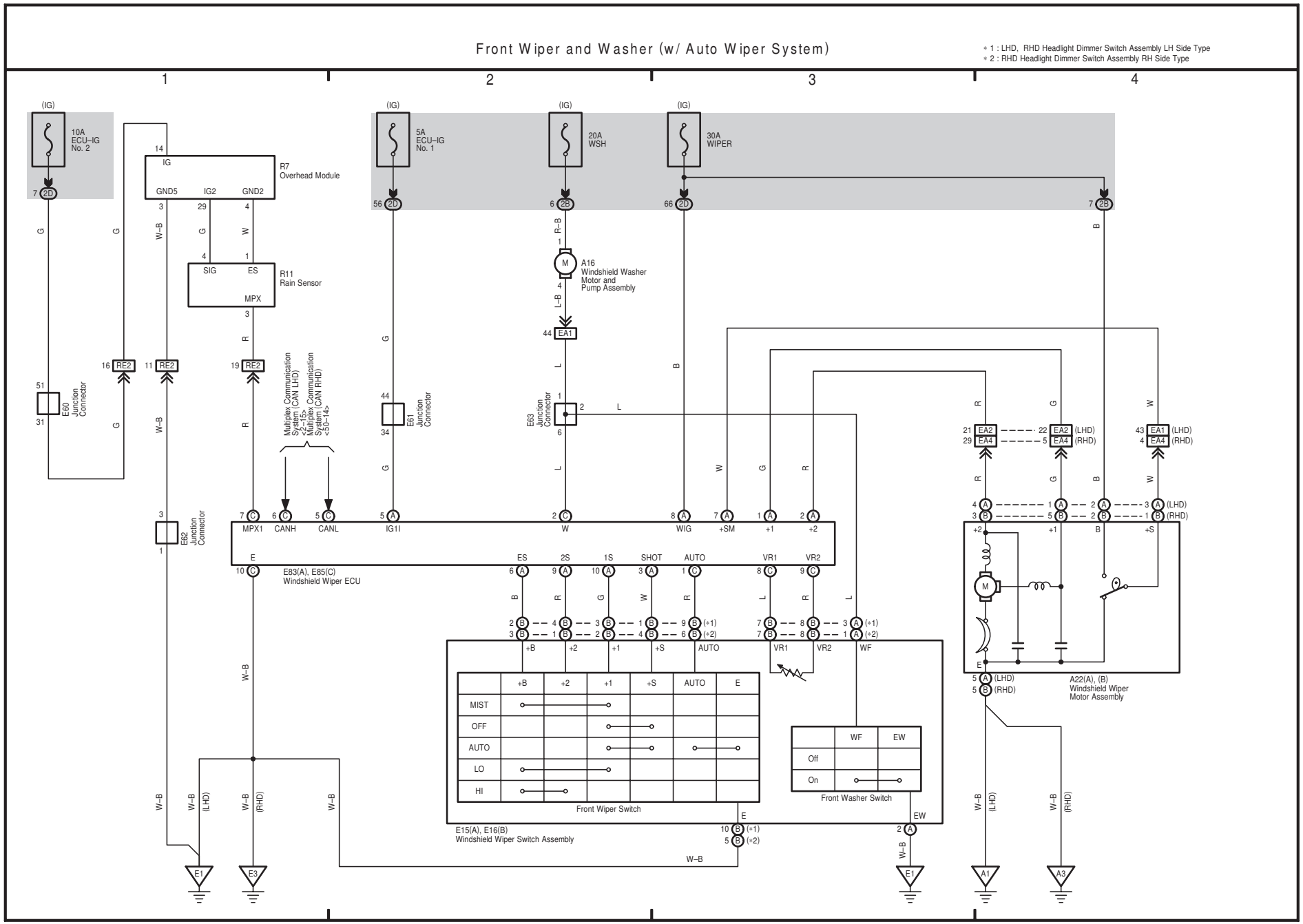
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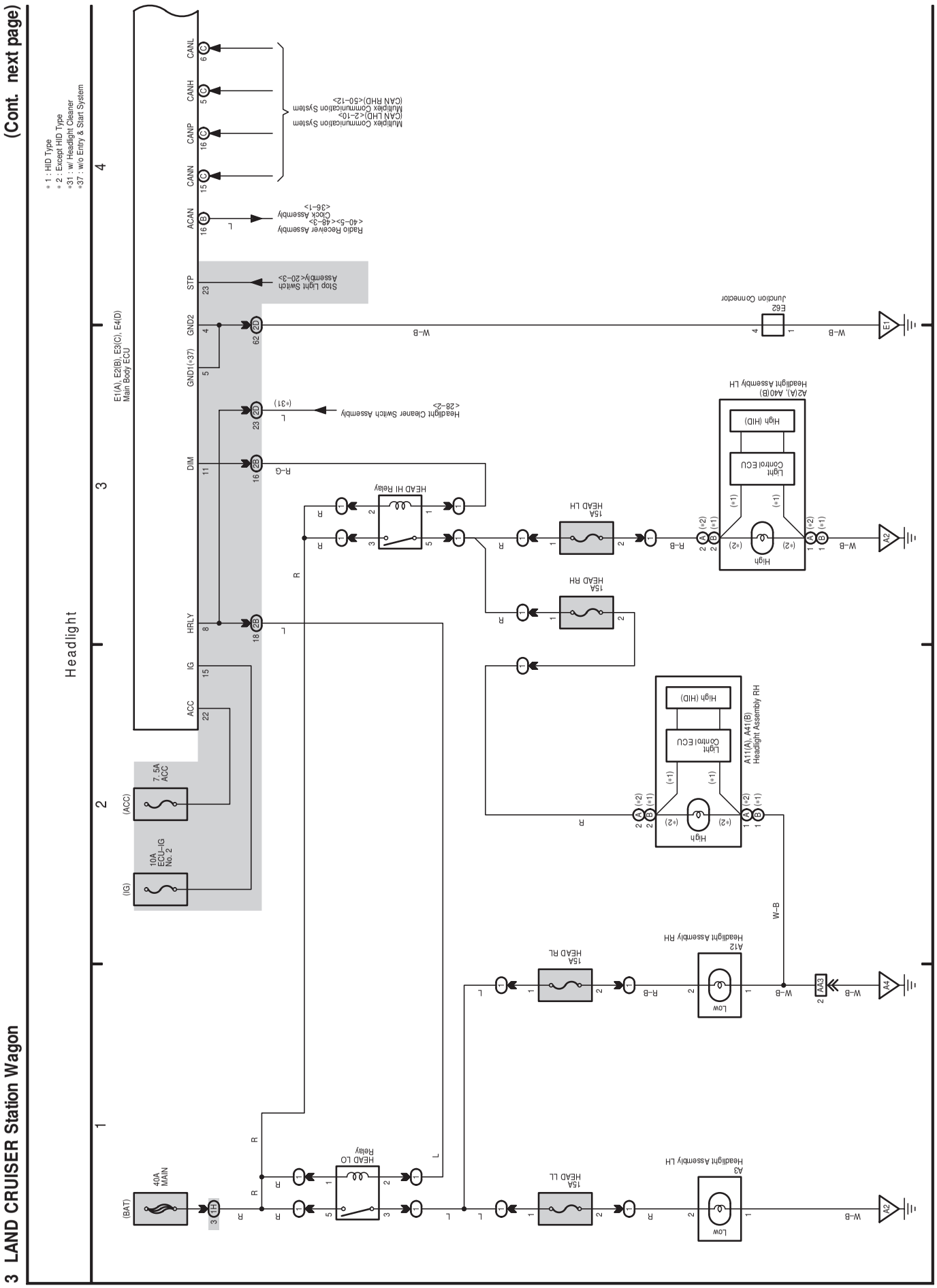



Multi Mode 4WD
* 1 : Liftgate Type
* 2 : Swing Type
5
6
7
8
Skid Control ECU with Actuator Assembly <2S-3>
A27(A), A28(B) Four Wheel Drive Control ECU
GND
M1
M2
RLY1
RLY2
R
RLP
IG
+B
GND
R
E87(A), f2(B) Differential Lock Switch
Rear Differential Lock Switch
f1 Differential Lock Shift Actuator
E62 Junction Connector
E1
K1
N1
E3
(LHD)
(RHD)
(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(A) Junction Connector
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
C10
C1
C3
C8
Multiplex Communication System <CAN LHD>-<2S-3>
Multiplex Communication System <CAN RHD>-<50–16>
M

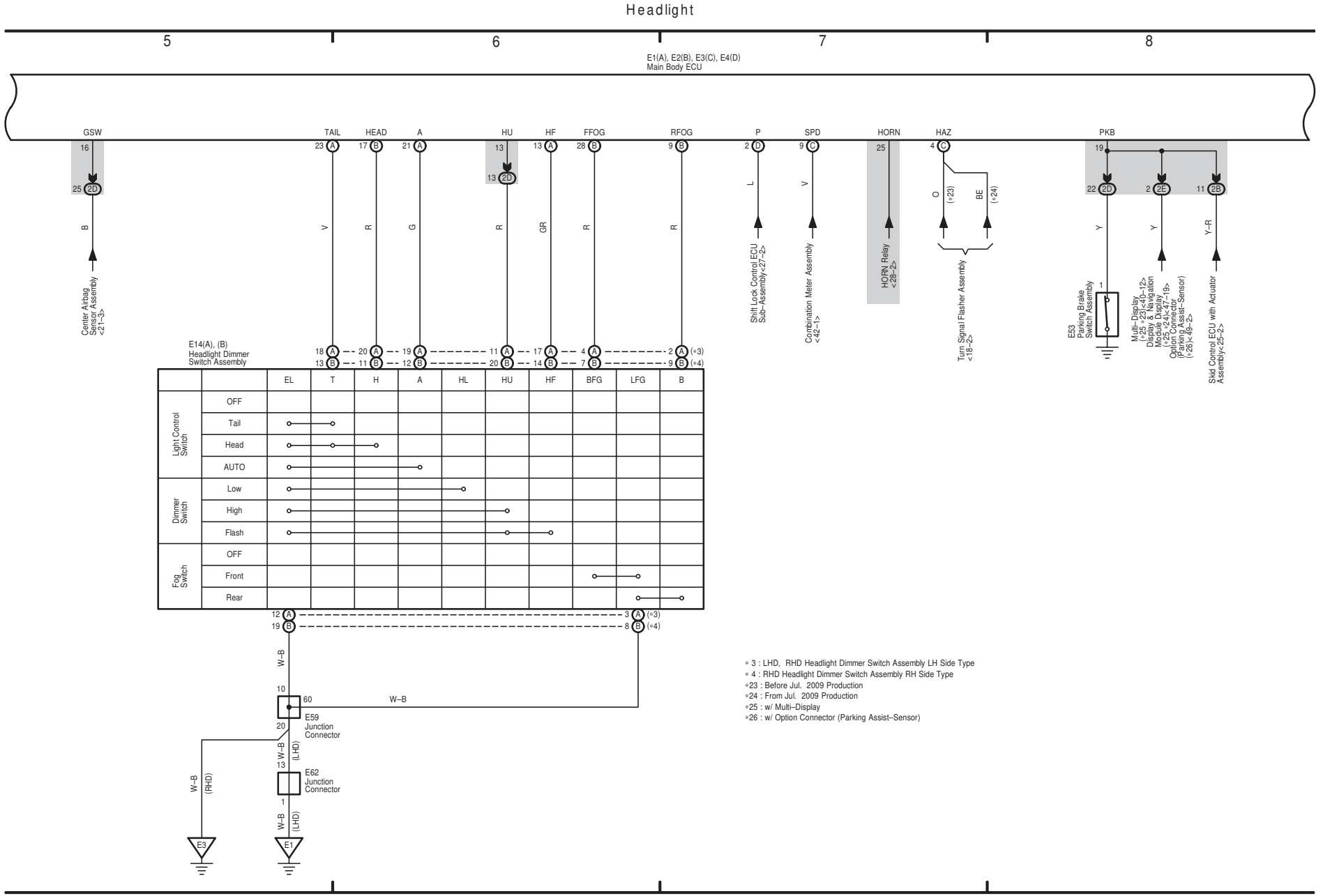

Shift Lock
Remote Control Mirror (w/o Retractor)
1
2
3
4
* 1 : Liftgate Type
* 2 : Swing Type
* 3 : LHD *2 Manual Air Conditioner
* 4 : RHD *2, LHD *2 Automatic Air Conditioner
* 5 : w/ Entry & Start System
* 6 : w/o Entry & Start System
(IG)
5A ECU–IG No. 1
(ACC)
7. 5A ACC
E61 Junction Connector
E60 Junction Connector
E59 Junction Connector
E51(A), E99(B)
Shift Lock Control ECU Sub–Assembly
Shift Lock Solenoid
P Detection
SLS+
SLS–
P
E2
IG
ACC
KLS+
E
STP
P2
E98 Key Inter Lock Solenoid
E60(A) Junction Connector
E66 Junction Connector
Stop Light Switch Assembly <2.0–2.5–3.5–5.1>
Main Body ECU <3.7>
G7
Outer Mirror Switch Assembly
Operation Switch
Left
Right
Up
Down
Left/ Up
Right/ Down
Select Switch
MLH
MRH
MLV
MRV
M+
E
E61 Junction Connector
E59 Junction Connector
E62 Junction Connector
(LHD)
(RHD)
I21
Outer Rear View Mirror Assembly LH
I20
Outer Rear View Mirror Assembly RH
MH
MV
M+


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), z61(D)
Spiral Cable
Sub–Assembly
1 B (*1 *3)
2 C (*2)
1 D (*1 *4)
Horn Switch
z37(C), z61(D)
Cruise Control Main Switch
z36(B)
Steering Pad Switch
B
B
1
A4
High Pitched
Horn Assembly
1
A5
Low Pitched
Horn Assembly
* 1 : w/ Steering Pad Switch
* 2 : w/o Steering Pad Switch
* 3 : Liftgate Type
* 4 : Swing Type

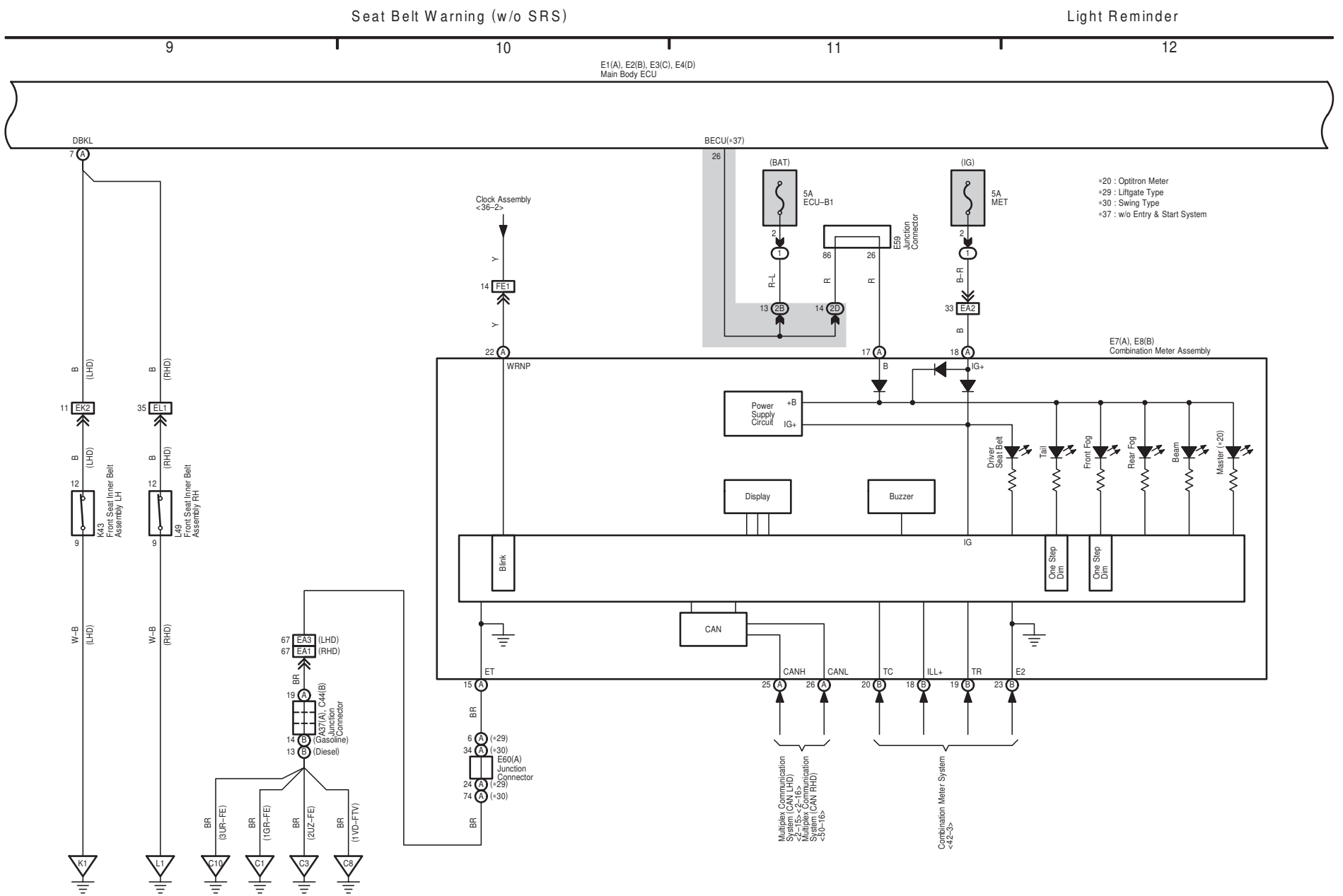

Front Wiper and Washer (w/ Auto Wiper System)
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
1
2
3
4
(IG)
10A ECU–IG No. 2
5A ECU–IG No. 1
20A WSH
30A WIPER
R7 Overhead Module
IG
GND5
IG2
GND2
R11 Rain Sensor
SIG
ES
MPX
A16 Windshield Washer Motor and Pump Assembly
E60 Junction Connector
E61 Junction Connector
E62 Junction Connector
E63 Junction Connector
Multiplex Communication System (CAN LHD) <2–15>
Multiplex Communication System (CAN RHD) <3G–14>
MPX1
CANH
CANL
IG1
W
WIG
+SM
+1
+2
E83(A), E85(C) Windshield Wiper ECU
ES
2S
1S
SHOT
AUTO
VR1
VR2
+B
+S
WF
MIST
OFF
LO
HI
Front Wiper Switch
Off
On
Front Washer Switch
E15(A), E16(B) Windshield Wiper Switch Assembly
EW
EA1
EA2
EA4
(LHD)
(RHD)
A22(A), (B) Windshield Wiper Motor Assembly
E1
E3
A1
A3


(Cont. next page)
3 LAND CRUISER Station Wagon
Headlight
*1 : HID Type
*2 : Except HID Type
*31 : w/ Headlight Cleaner
*37 : w/o Entry & Start System
E1(A), E2(B), E3(C), E4(D)
Main Body ECU
Multiplex Communication System
(CAN LHD)<2-10>
Multiplex Communication System
(CAN RHD)<50-12>
Radio Receiver Assembly
<40-5><48-3>
Clock Assembly
<36-1>
Stop Light Switch
Assembly<20-3>
Headlight Cleaner Switch Assembly
<28-2>
Junction Connector
E62
Headlight Assembly LH
A2(A), A40(B)
Light Control ECU
High (HID)
High
Headlight Assembly RH
A11(A), A41(B)
HEAD HI Relay
HEAD LO Relay
HEAD LH 15A
HEAD RH 15A
HEAD RL 15A
HEAD LL 15A
40A MAIN
7.5A ACC
10A ECU-IG No. 2
(BAT)
(ACC)
(IG)
CANL
CANH
CANP
CANN
ACAN
STP
GND2
GND1(*37)
DIM
HRLY
IG
ACC
W-B
R-G
R-B
R
L

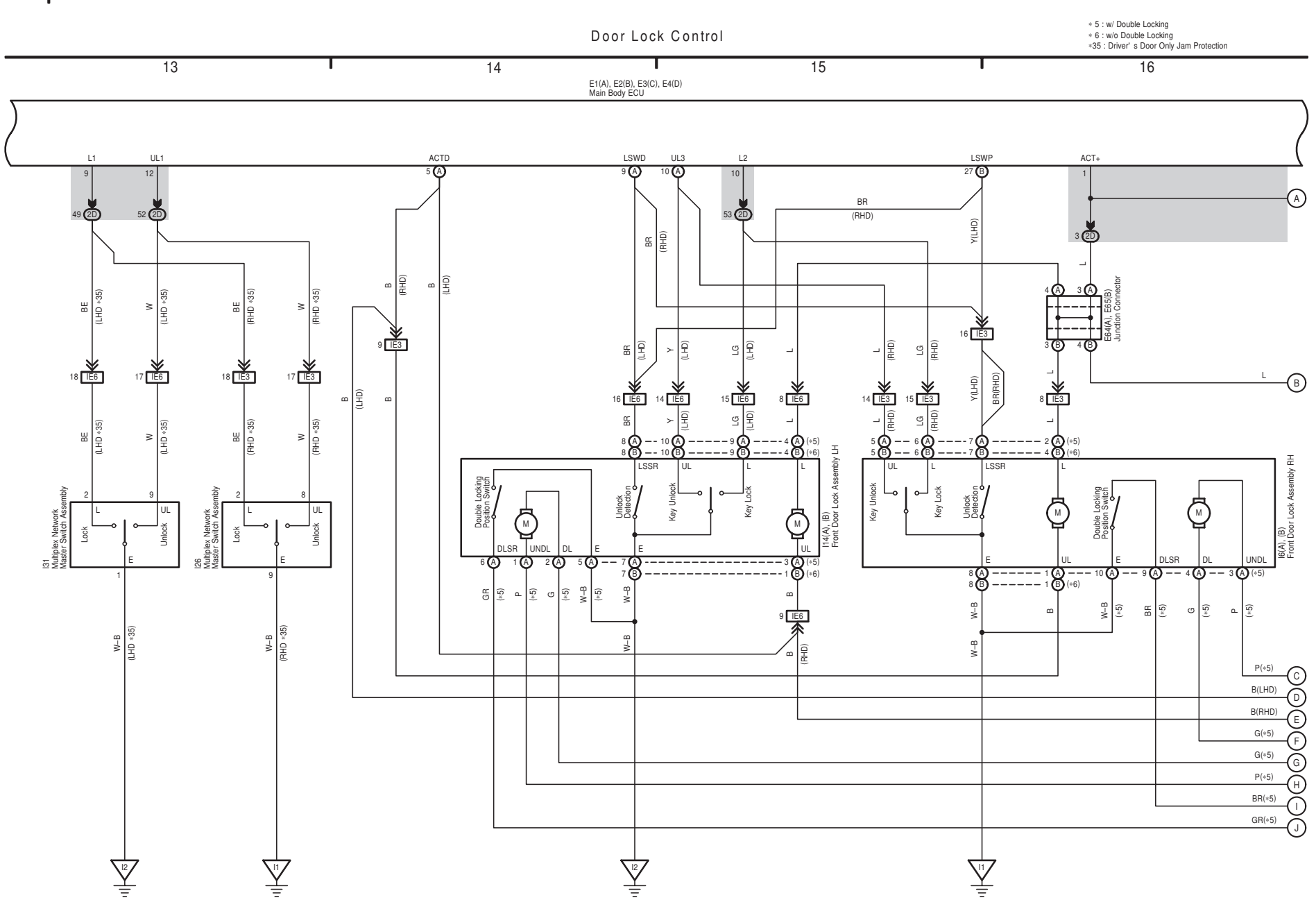
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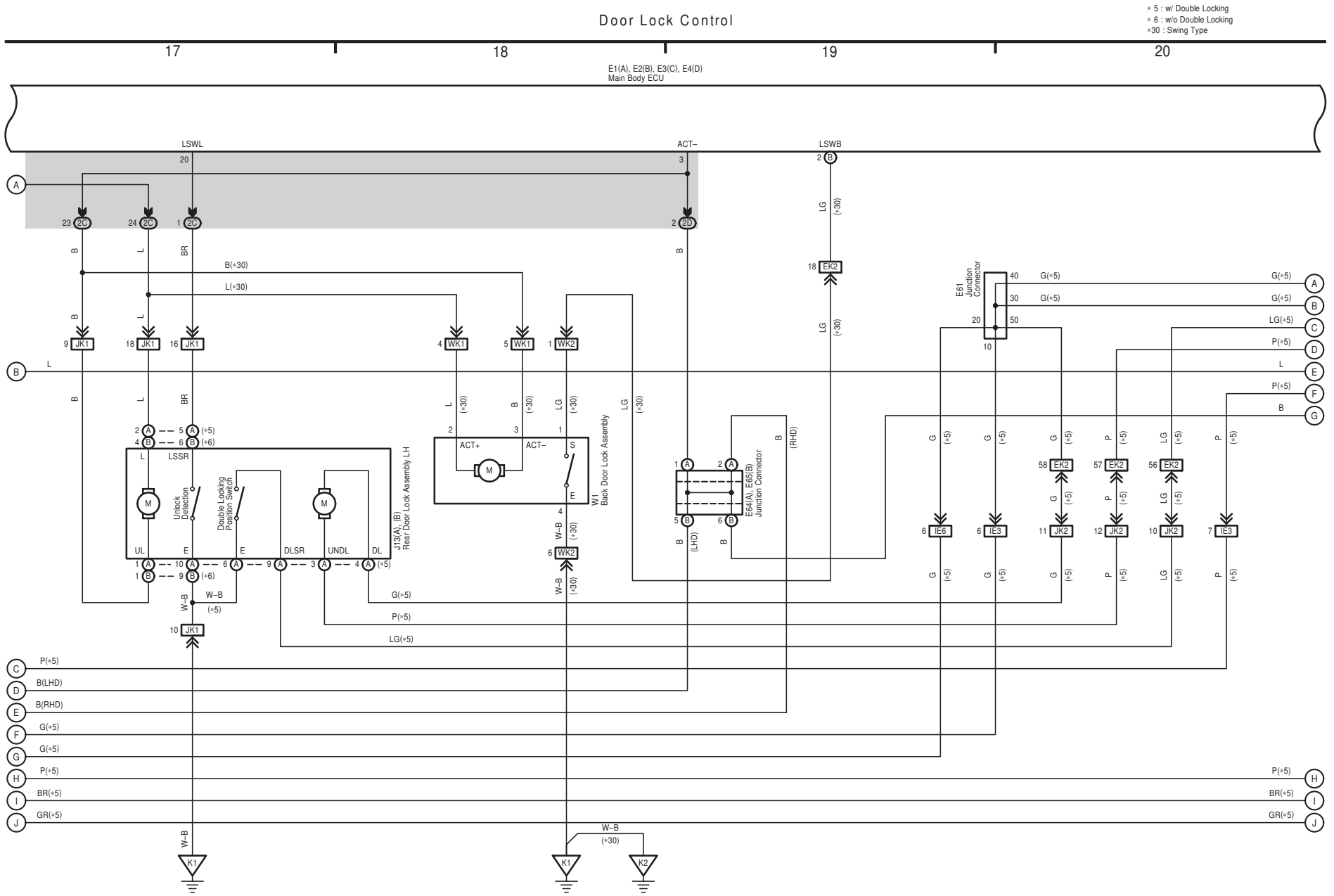


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3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

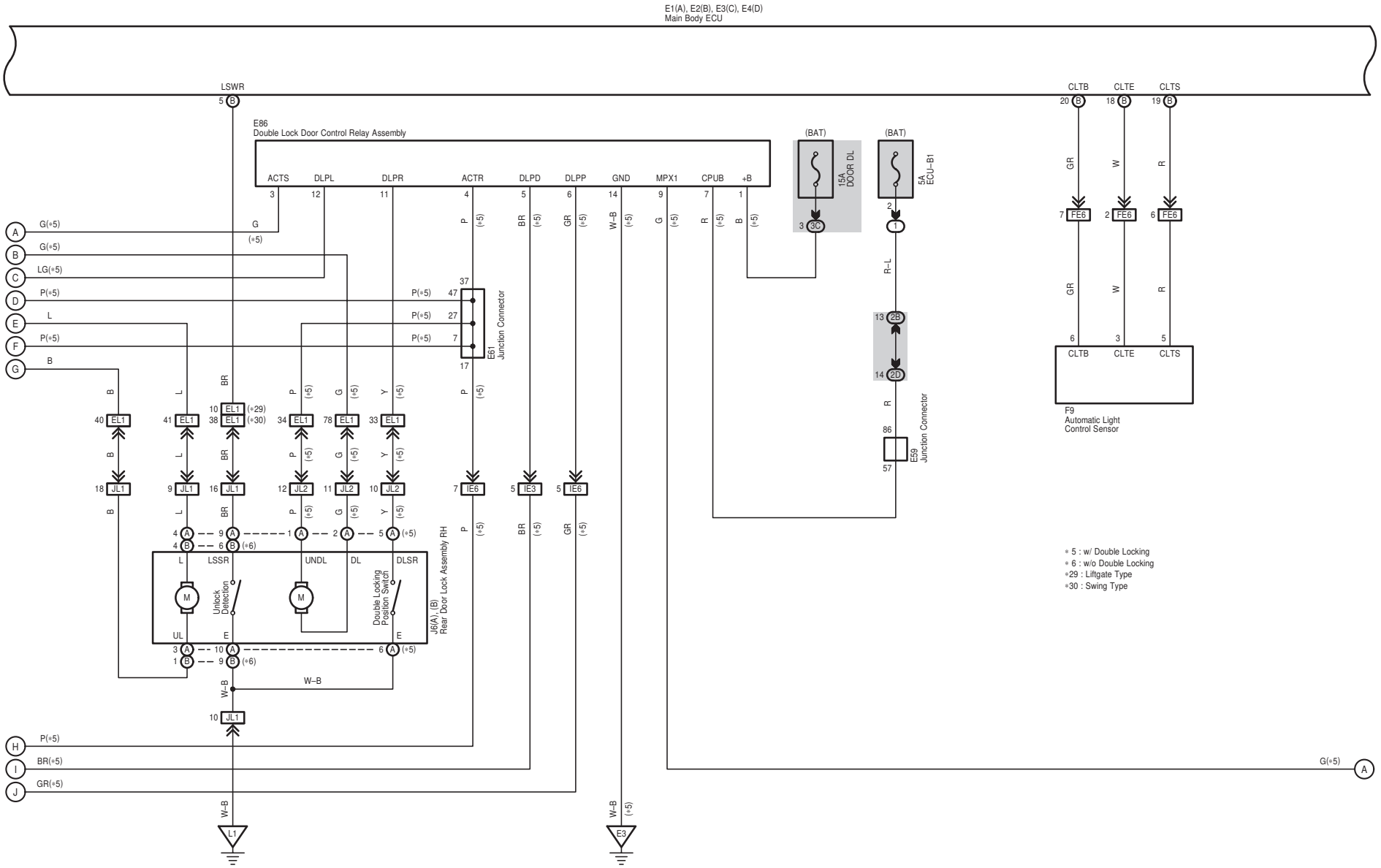


3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

Door Lock Control | Double Locking | Automatic Light Control and Light Auto Turn Off System

21 | 22 | 23 | 24

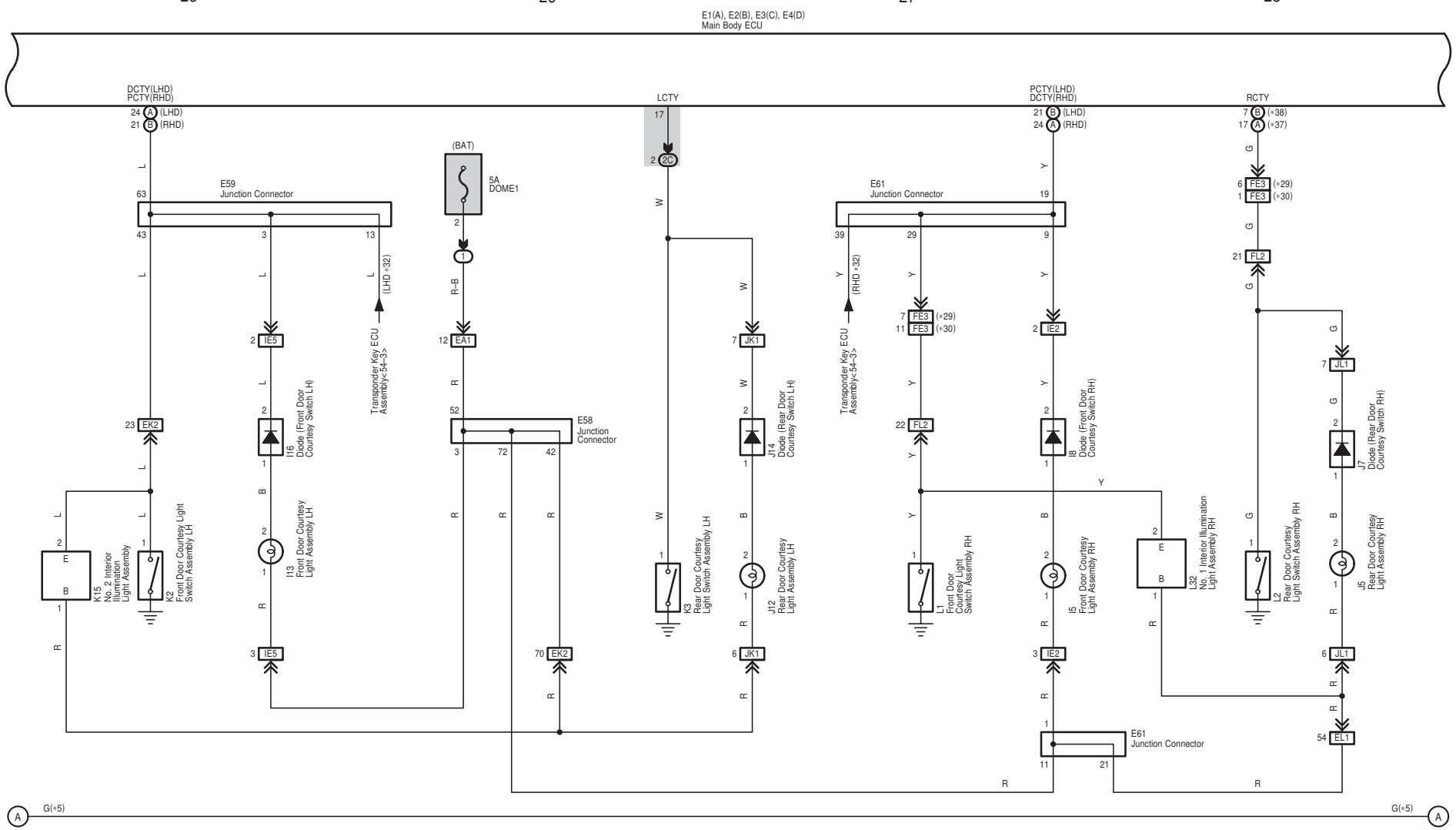


M

3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

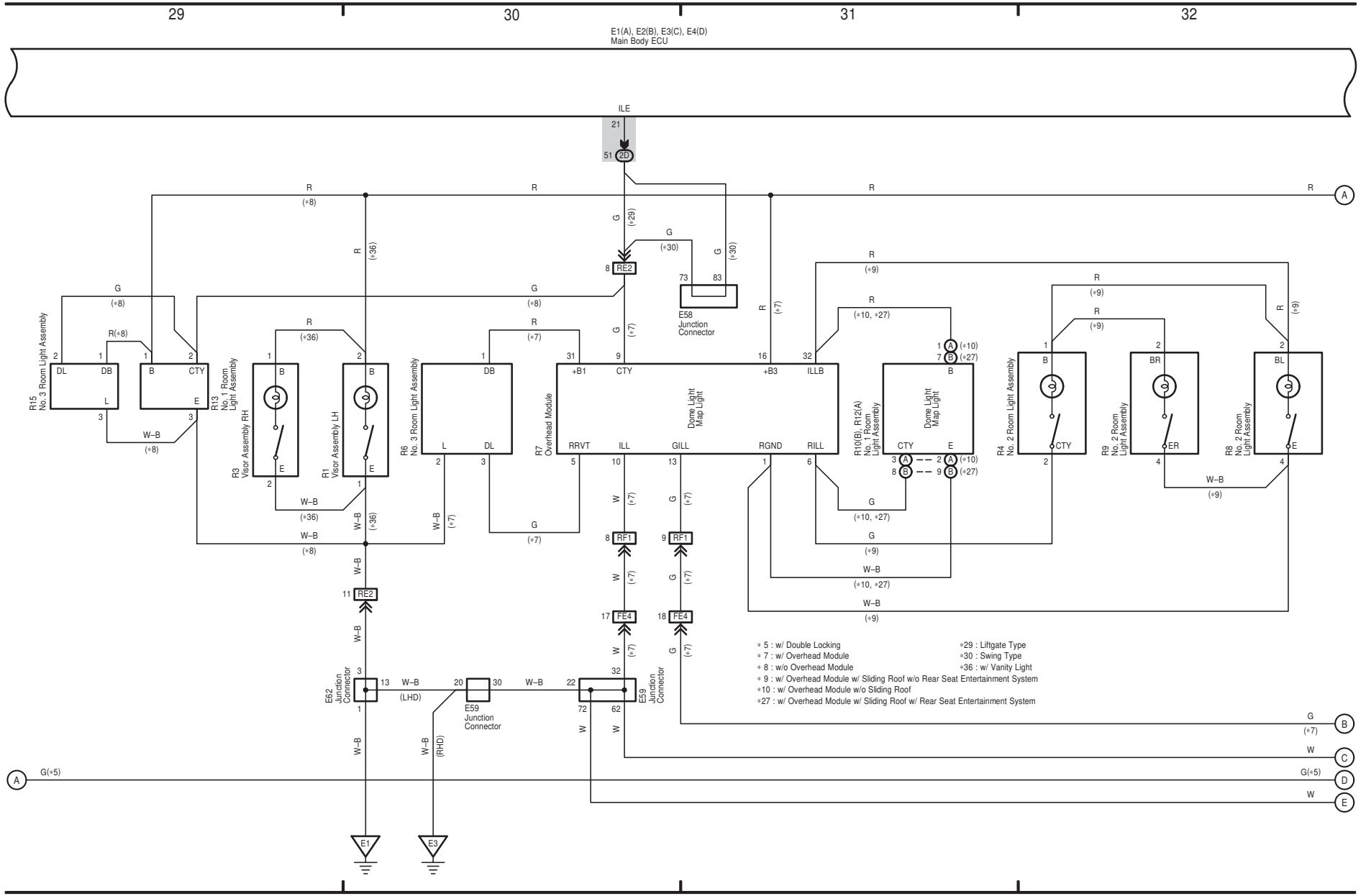
Interior Light



* 5 : w/ Double Locking
*29 : Liftgate Type
*30 : Swing Type
*32 : w/ Engine Immobiliser System (w/o Entry & Start System)
*37 : w/o Entry & Start System
*38 : w/ Entry & Start System

(Cont. next page)

Interior Light



M

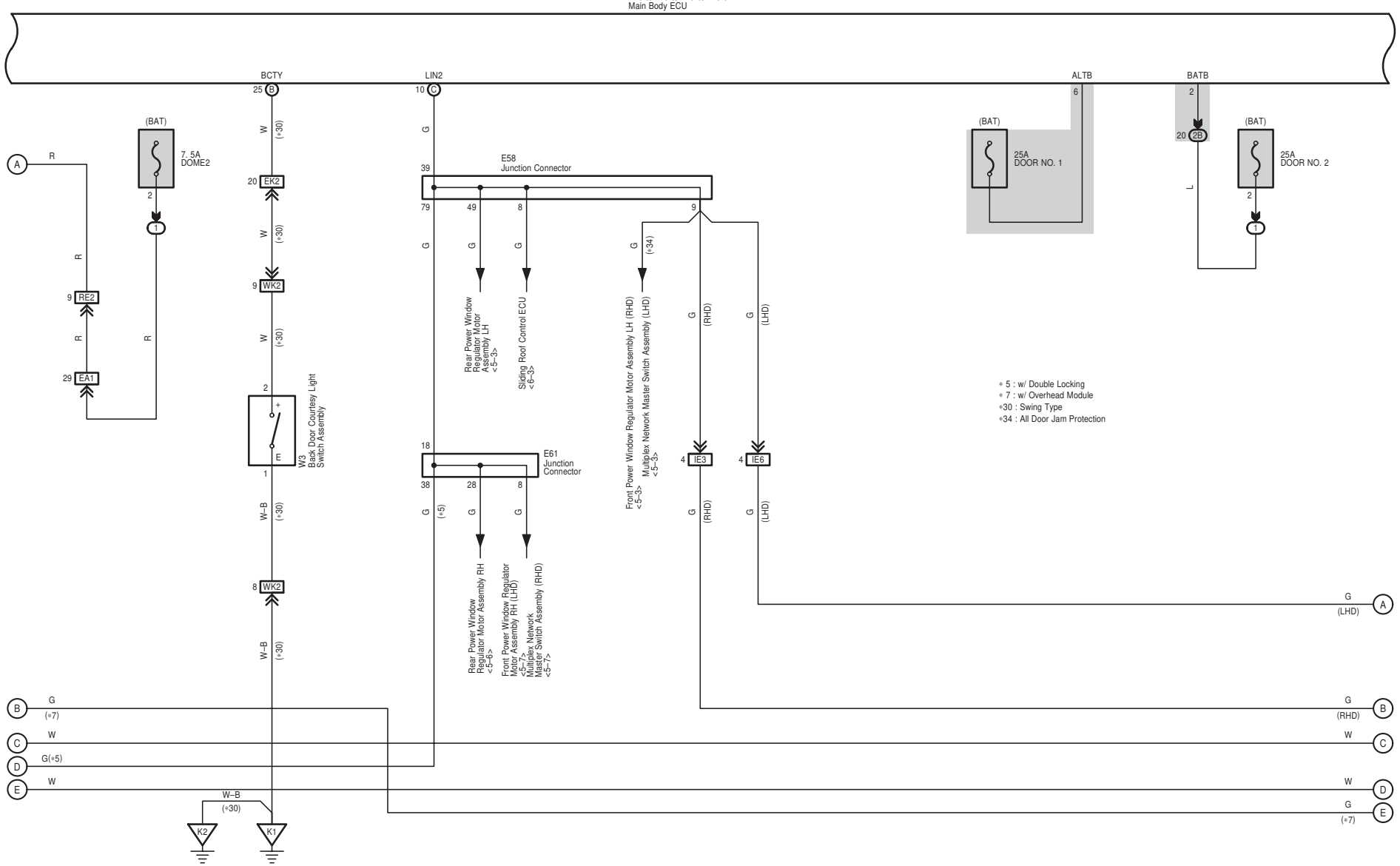
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Interior Light

Power Window
(Driver' s Door Only Jam Protection)

33 34 35 36

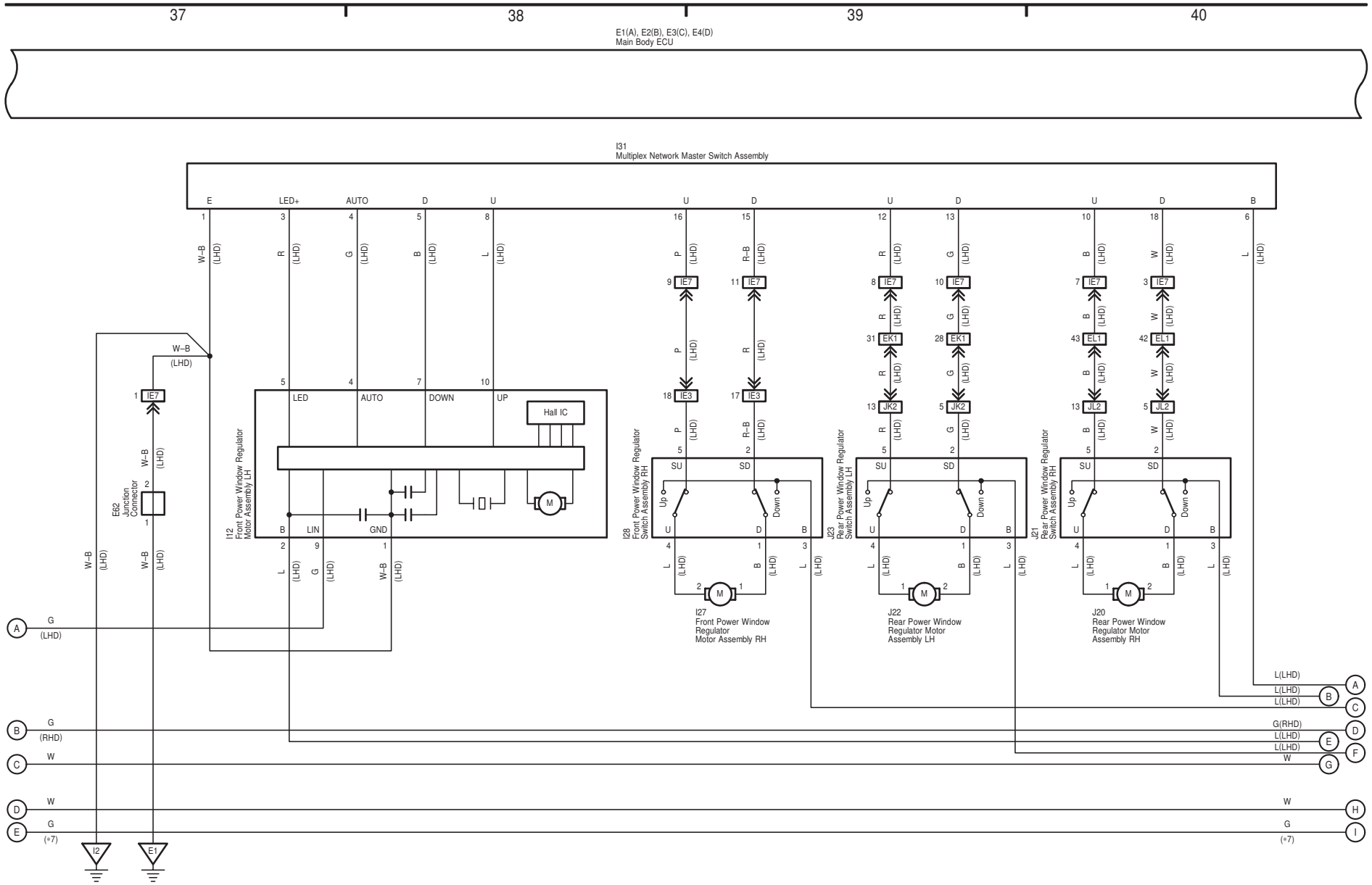
E1(A), E2(B), E3(C), E4(D)
Main Body ECU



(Cont. next page)

Power Window (Driver' s Door Only Jam Protection)

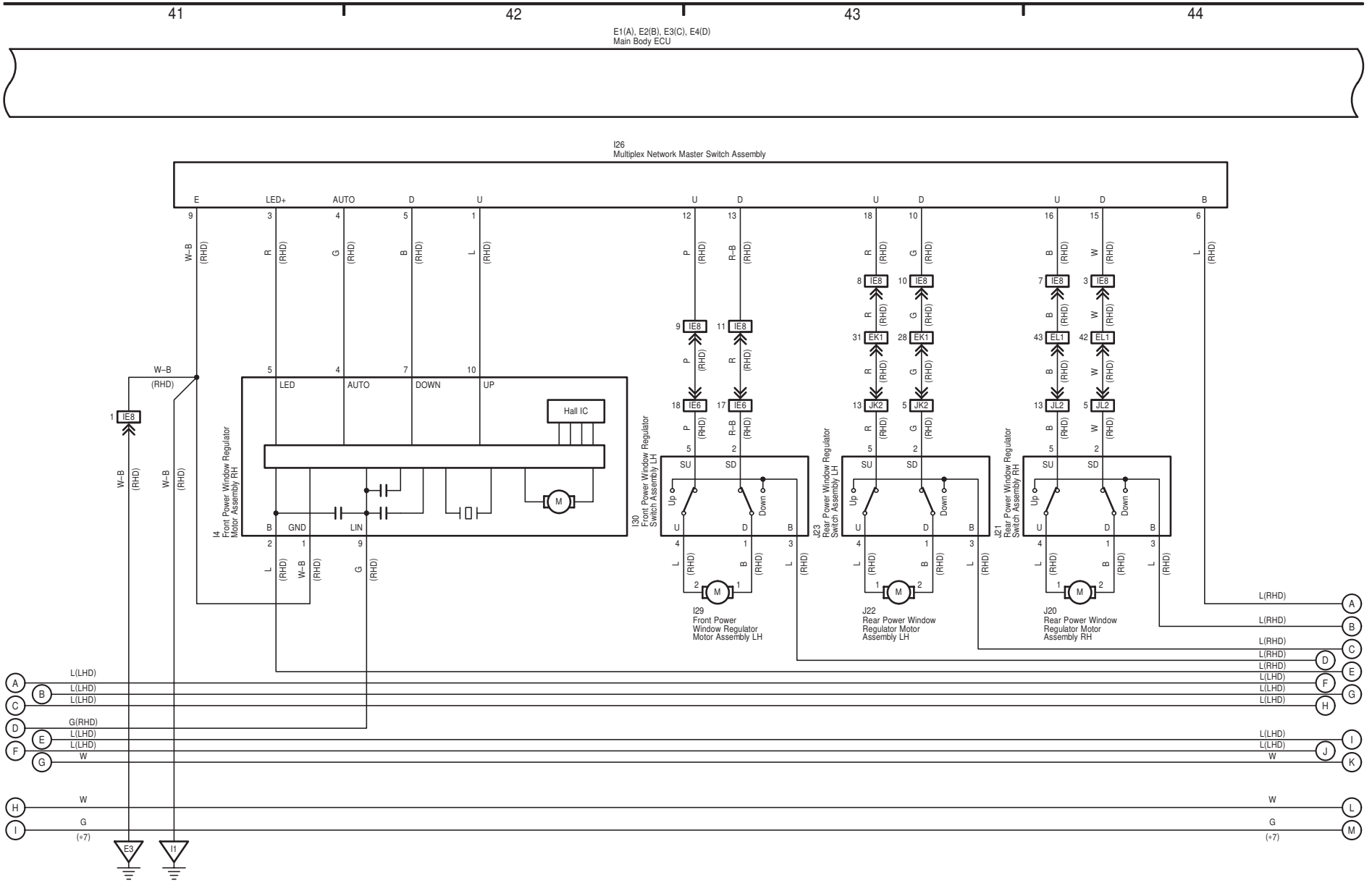
* 7 : w/ Overhead Module



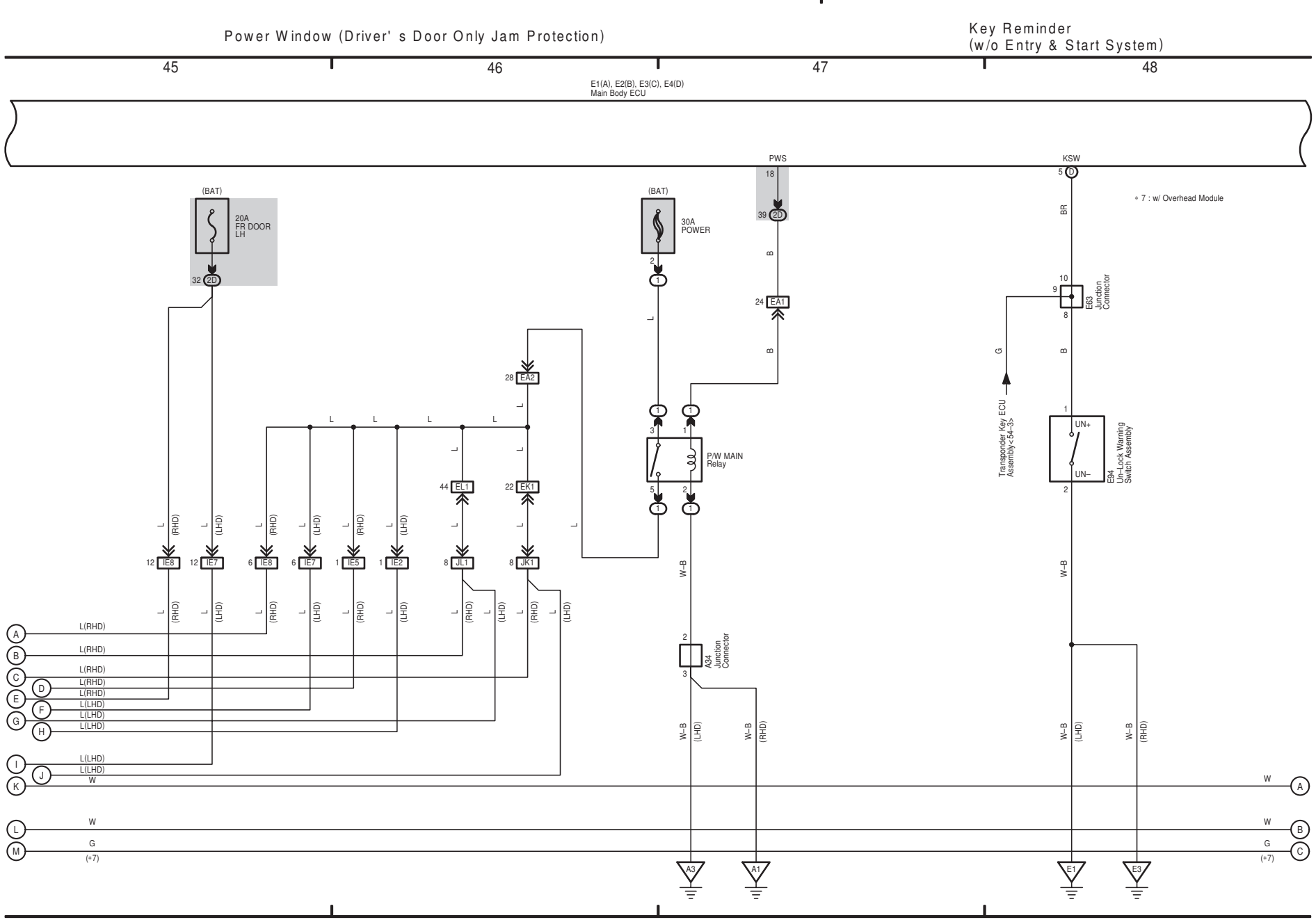
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Power Window (Driver' s Door Only Jam Protection)

∗ 7 : w/ Overhead Module



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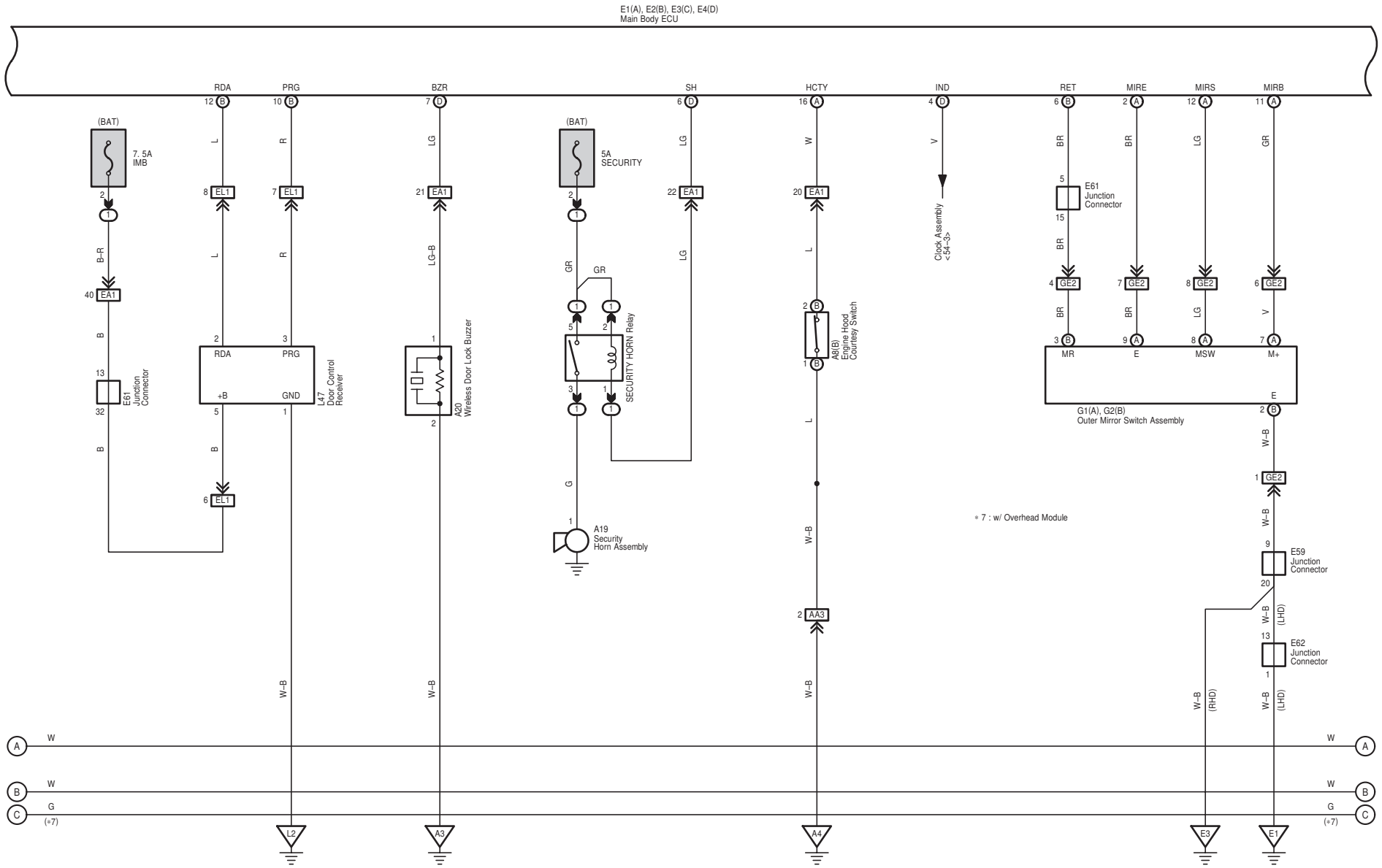


3 LAND CRUISER Station Wagon (Cont' d)

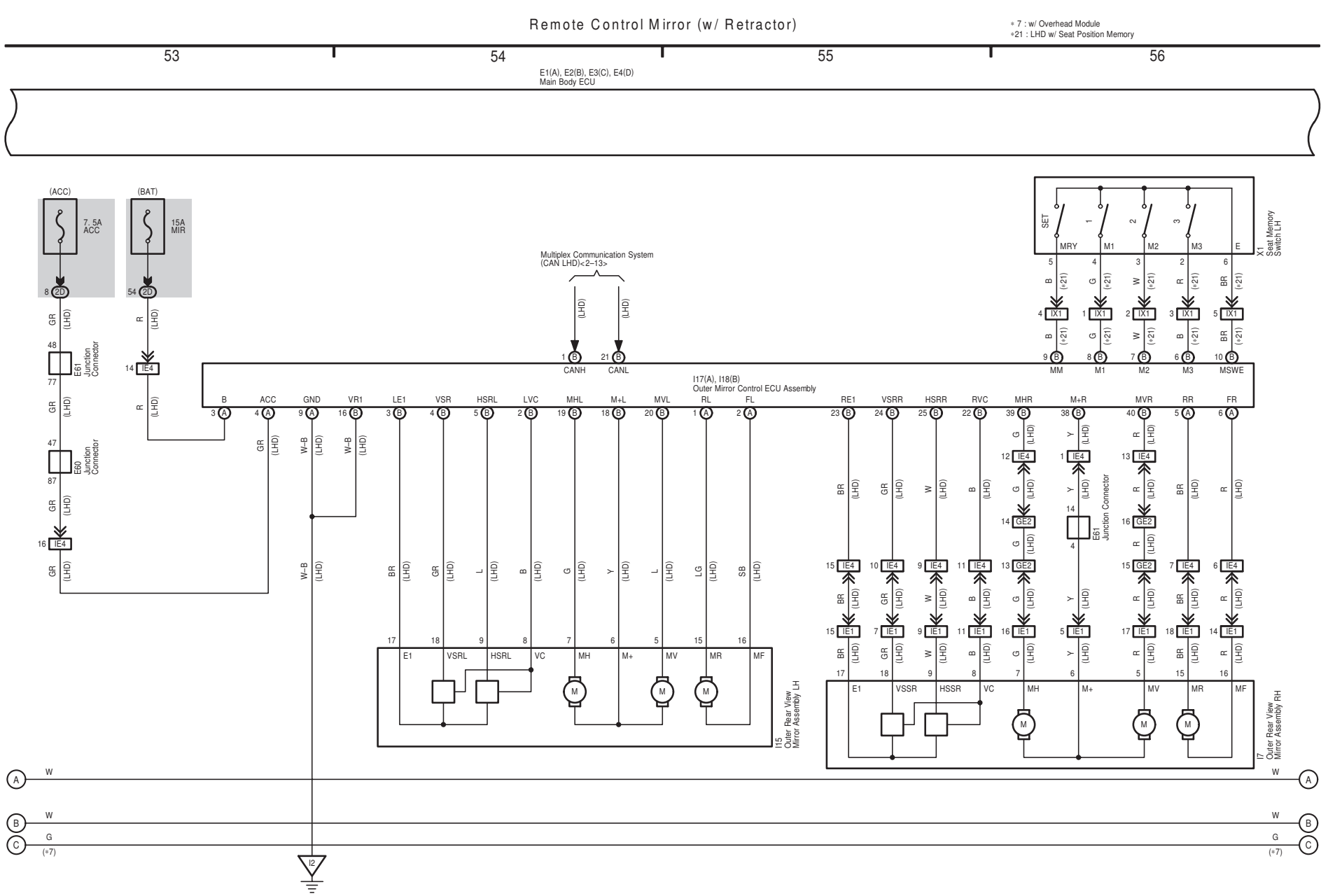
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Wireless Door Lock Control (w/o Entry & Start System) | Theft Deterrent (w/o Entry & Start System) | Remote Control Mirror (w/ Retractor)

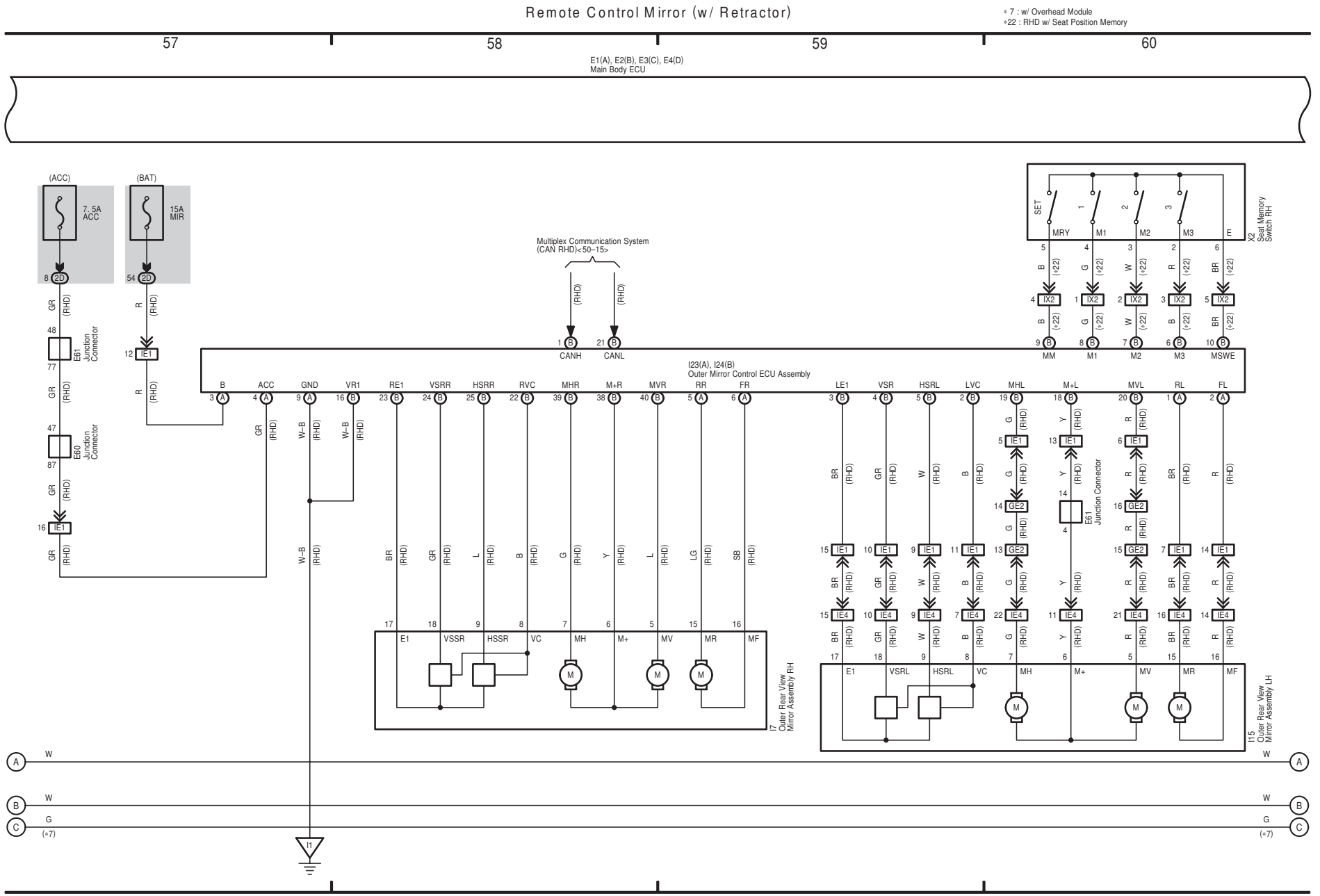
49 | 50 | 51 | 52



(Cont. next page)

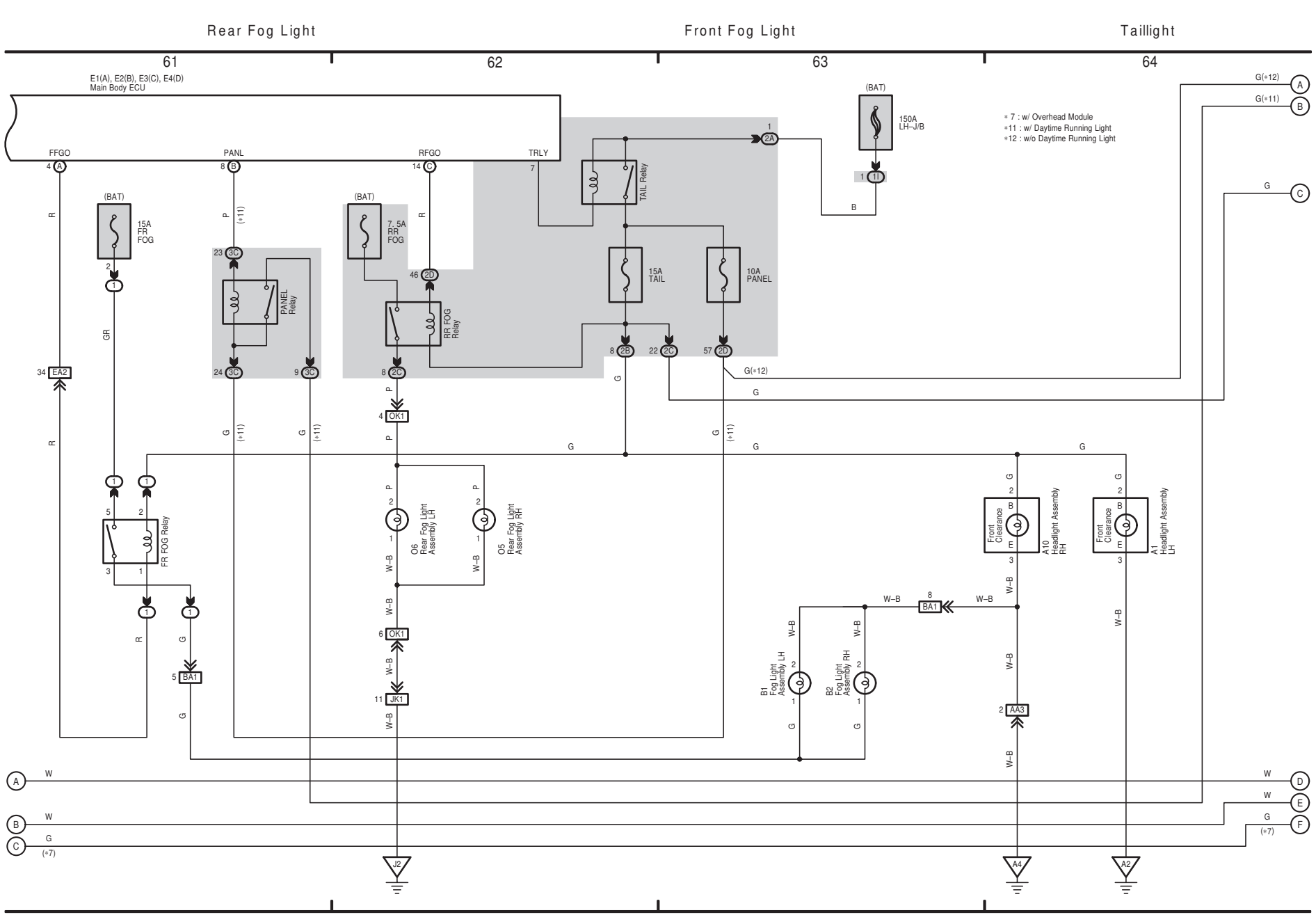


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3 LAND CRUISER Station Wagon (Cont' d)

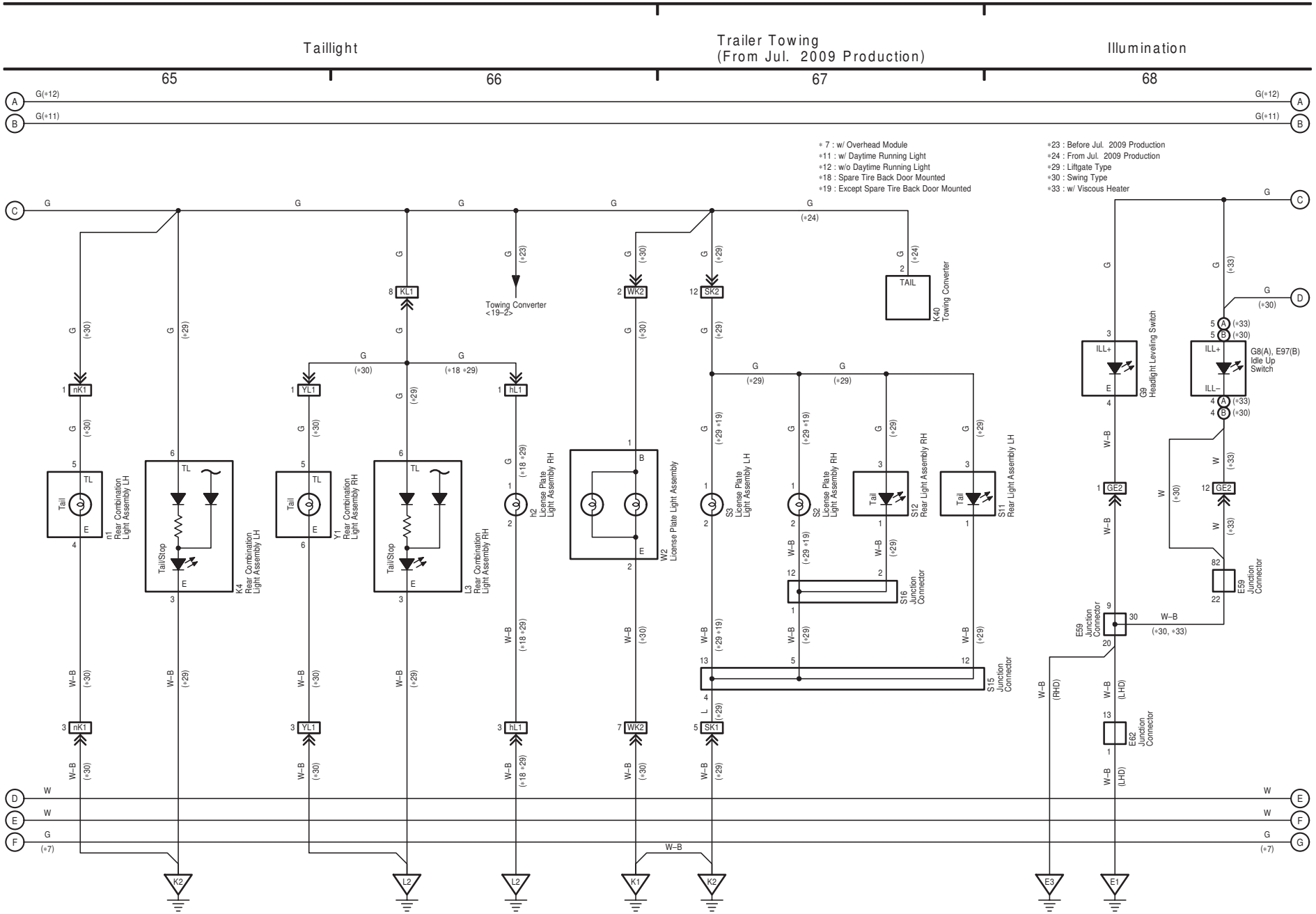
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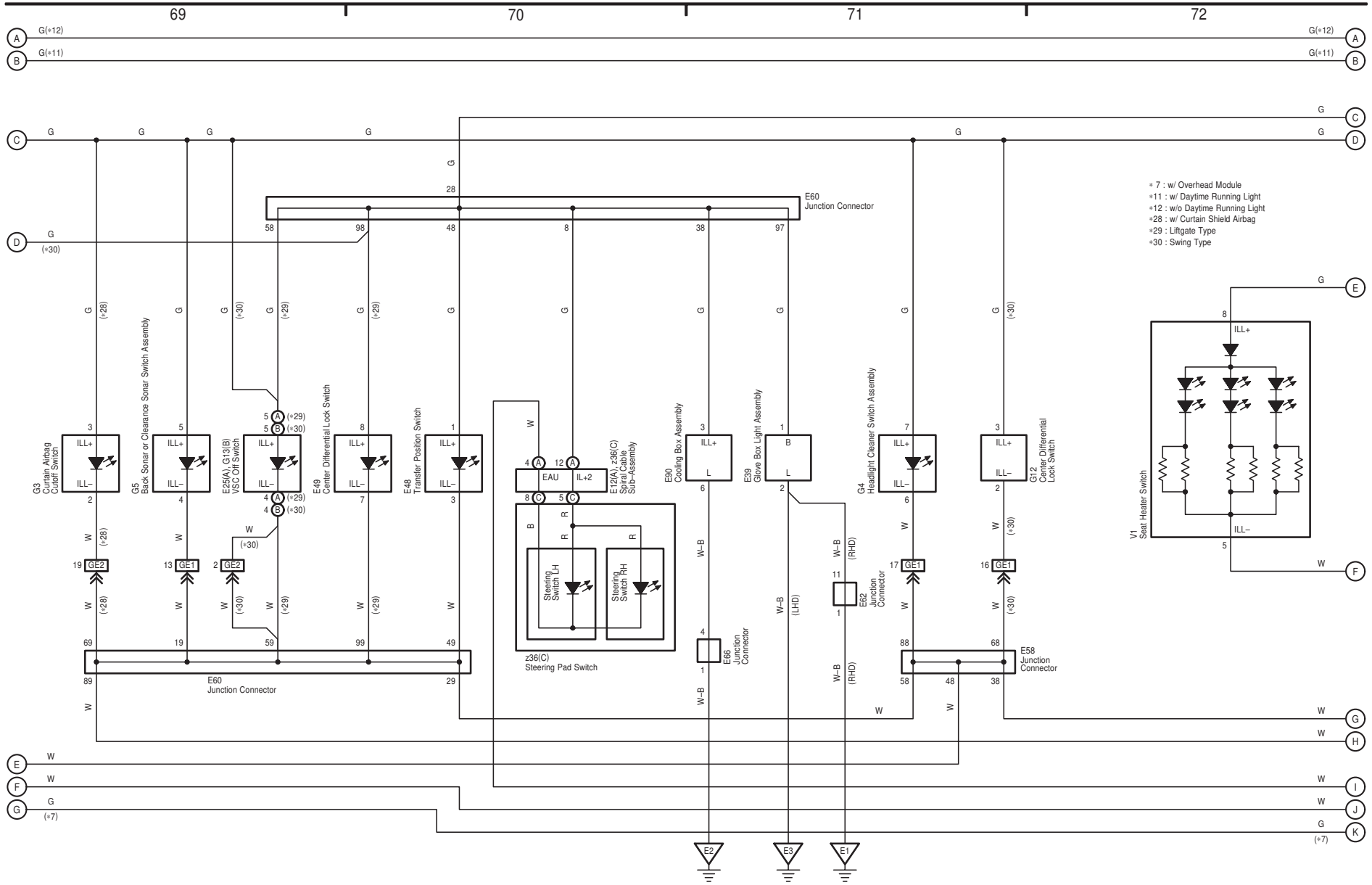
3 LAND CRUISER Station Wagon (Cont' d)

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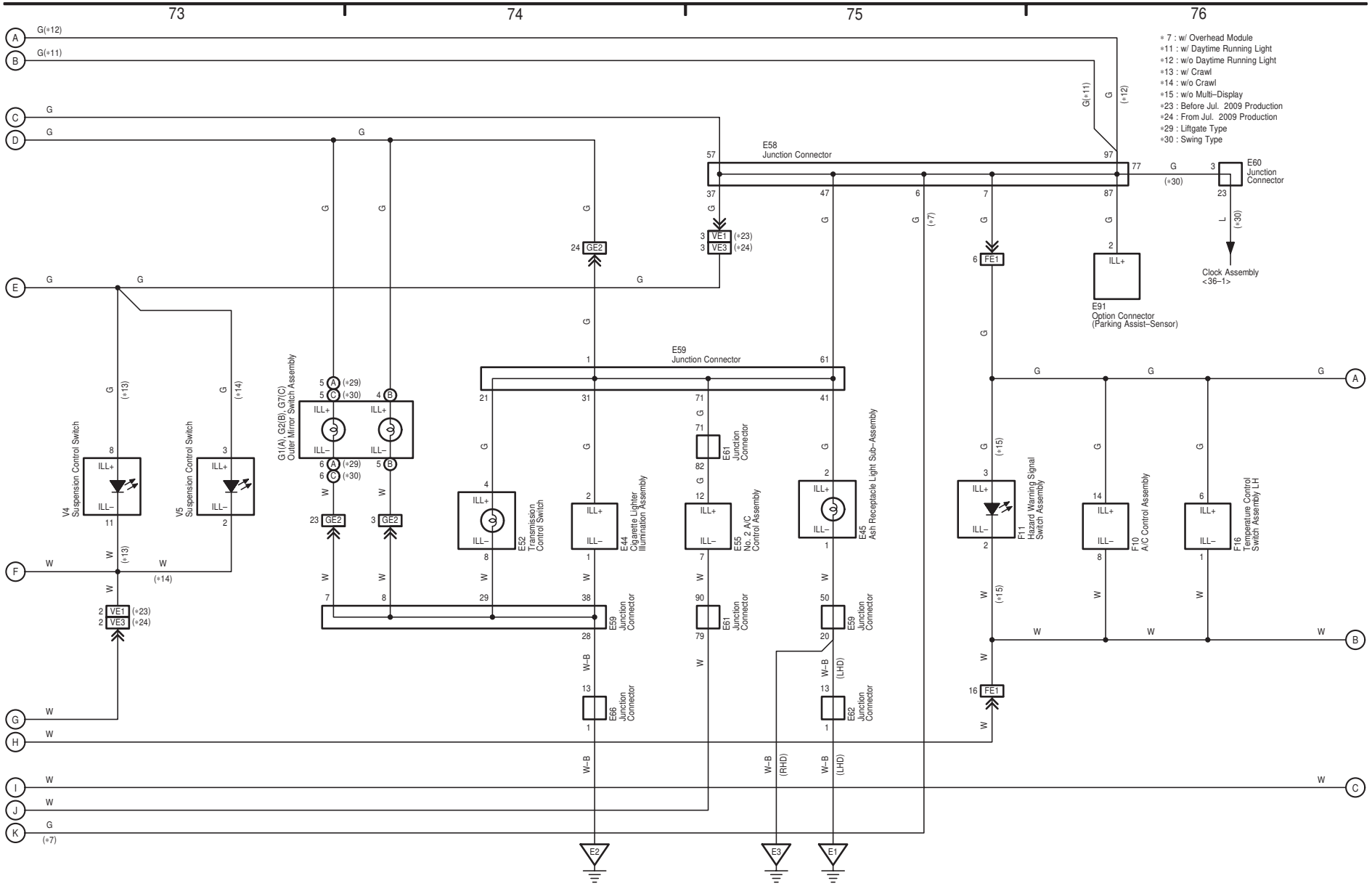
Illumination



M

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Illumination

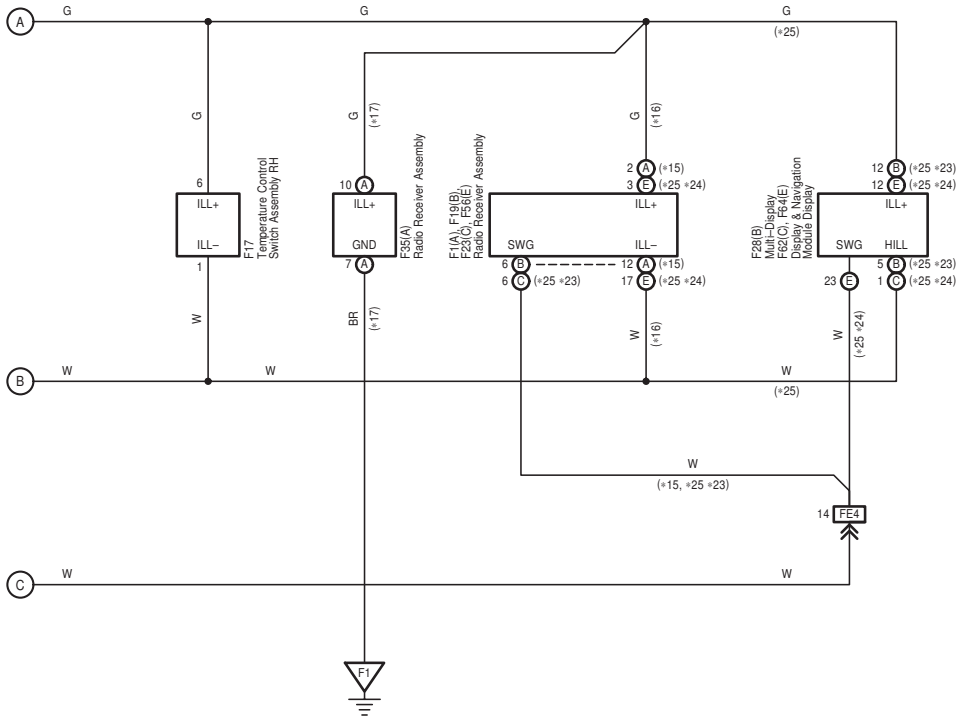


3 LAND CRUISER Station Wagon (Cont' d)

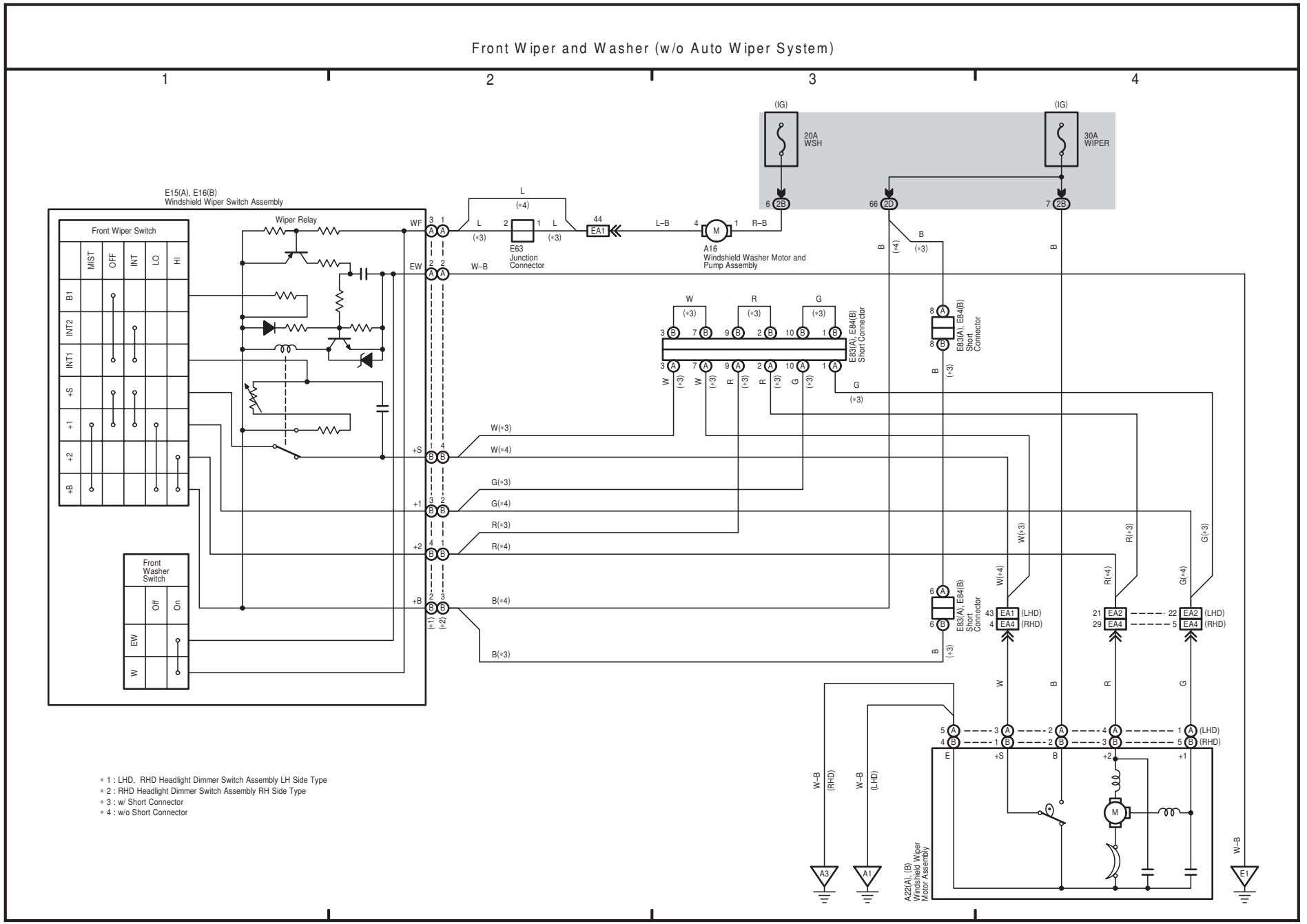
Illumination

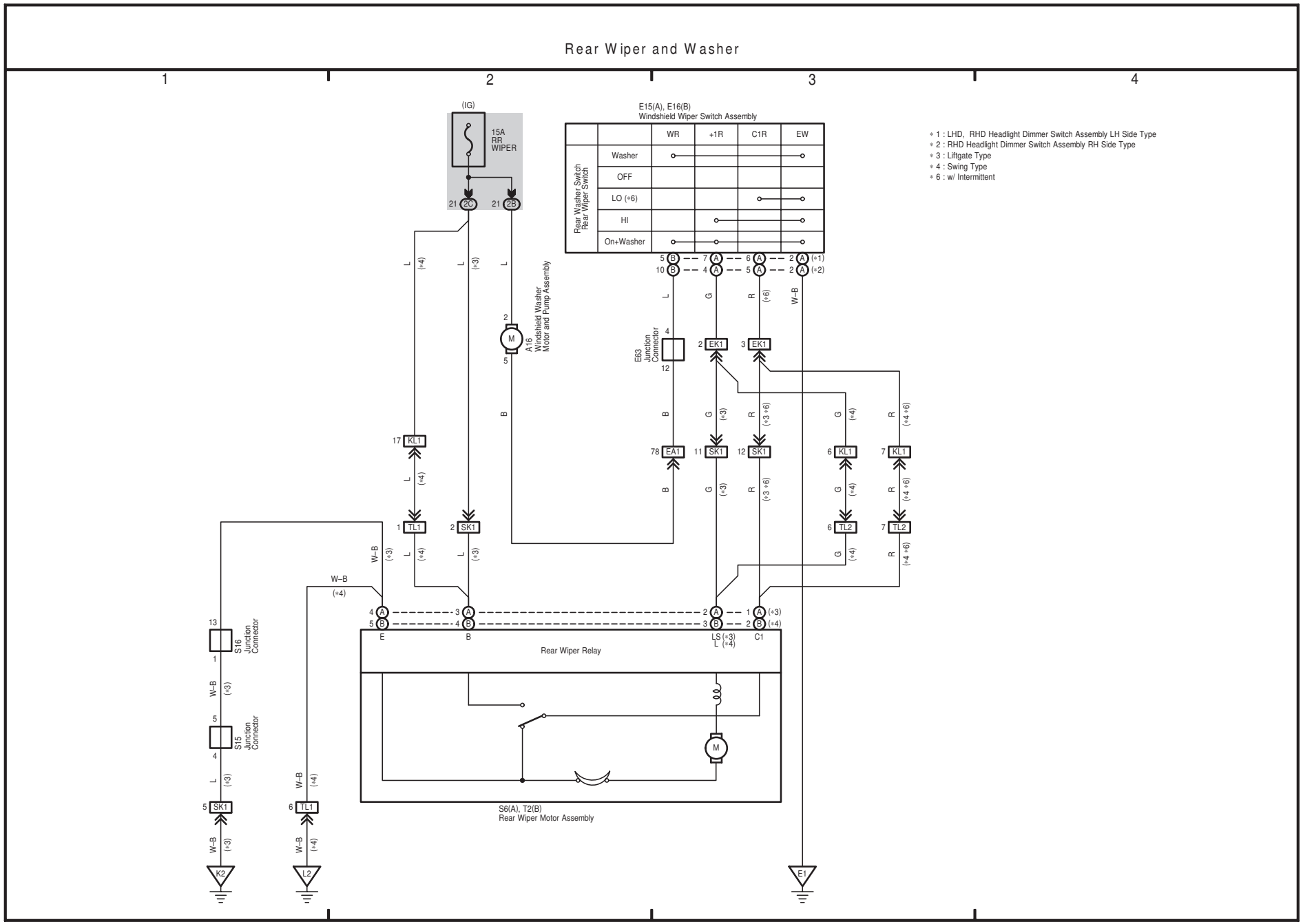
77 | 78 | 79 | 80

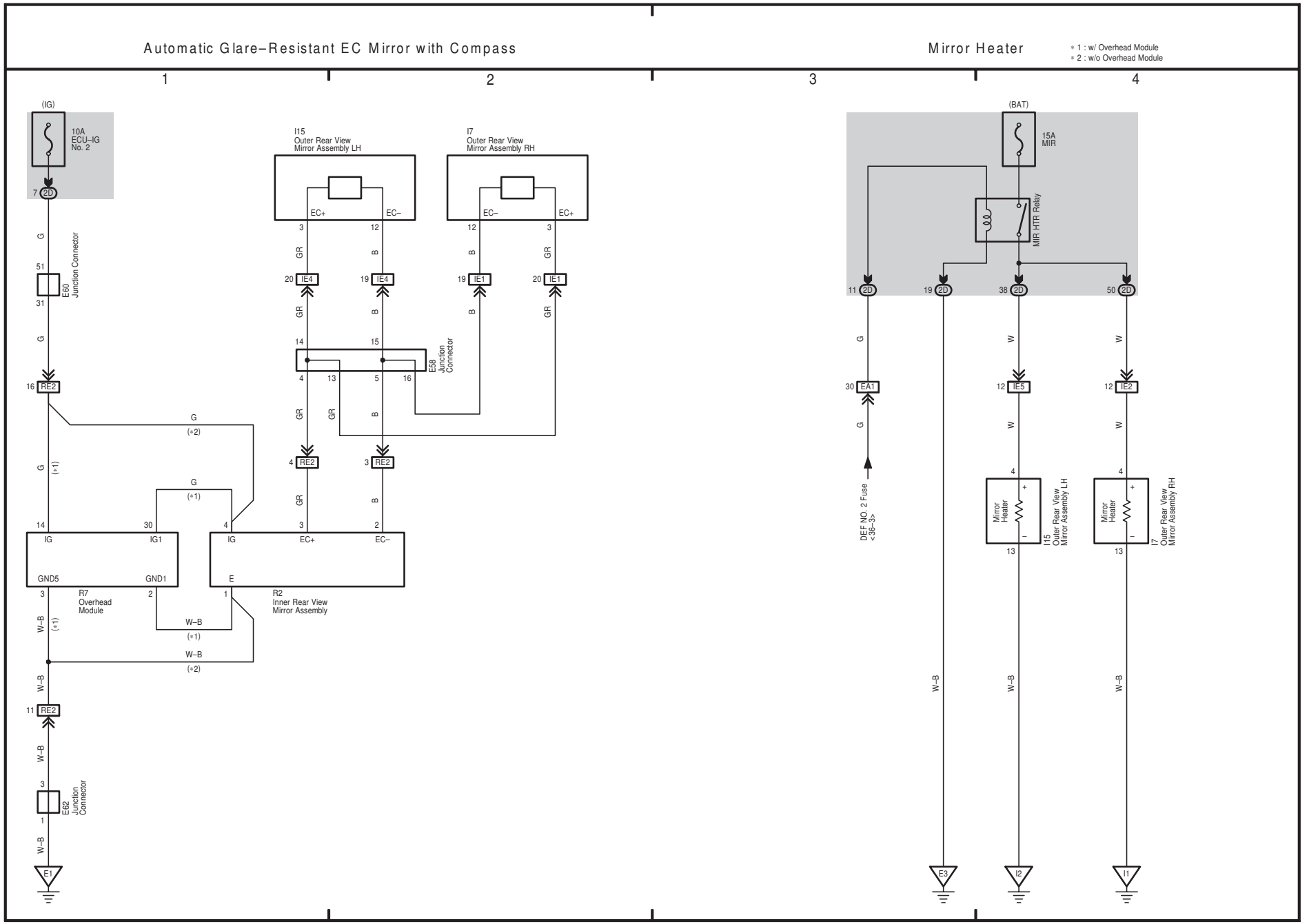
*15 : w/o Multi–Display
*16 : w/ Stereo Component Amplifier
*17 : w/o Stereo Component Amplifier
*23 : Before Jul. 2009 Production
*24 : From Jul. 2009 Production
*25 : w/ Multi–Display

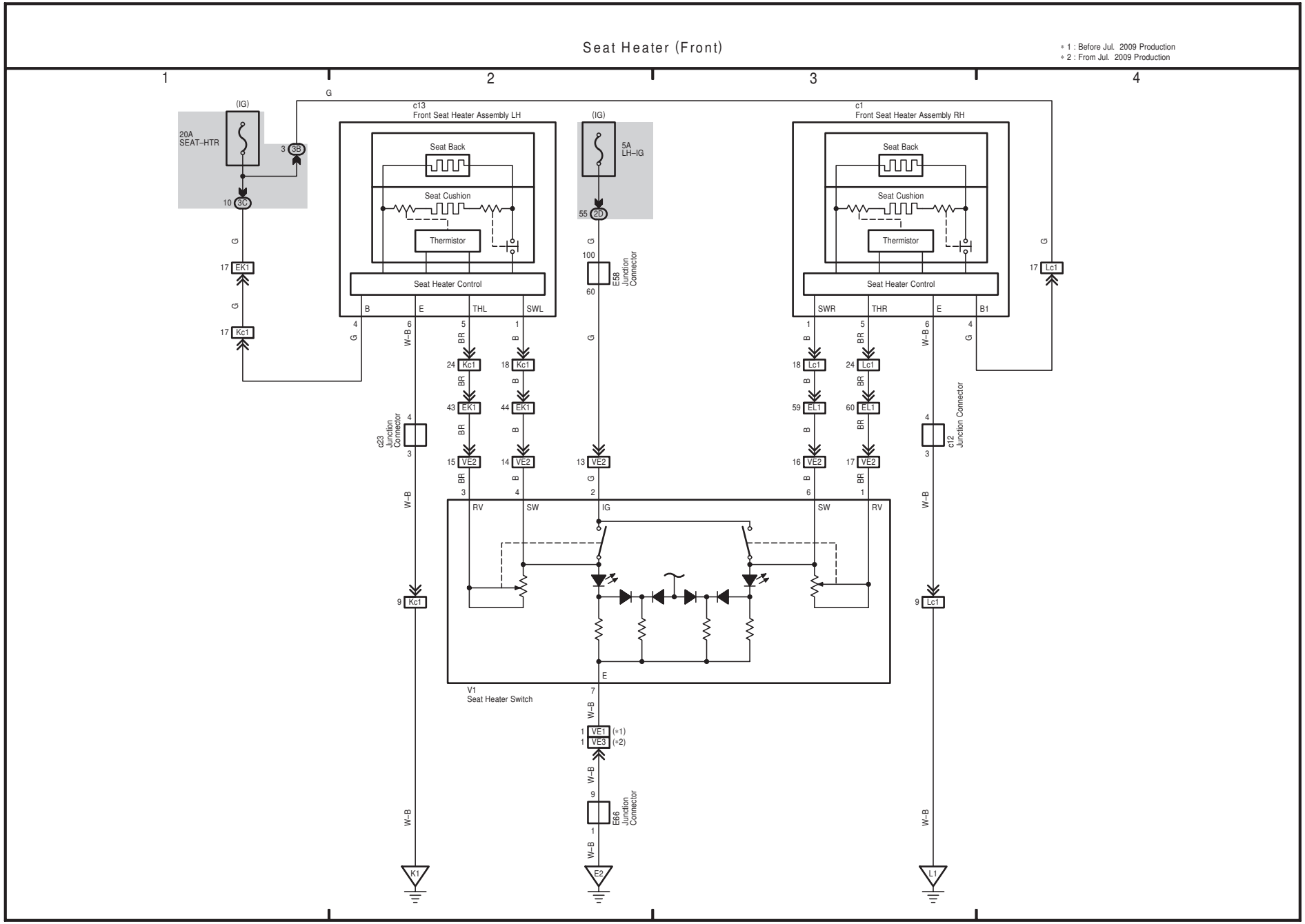


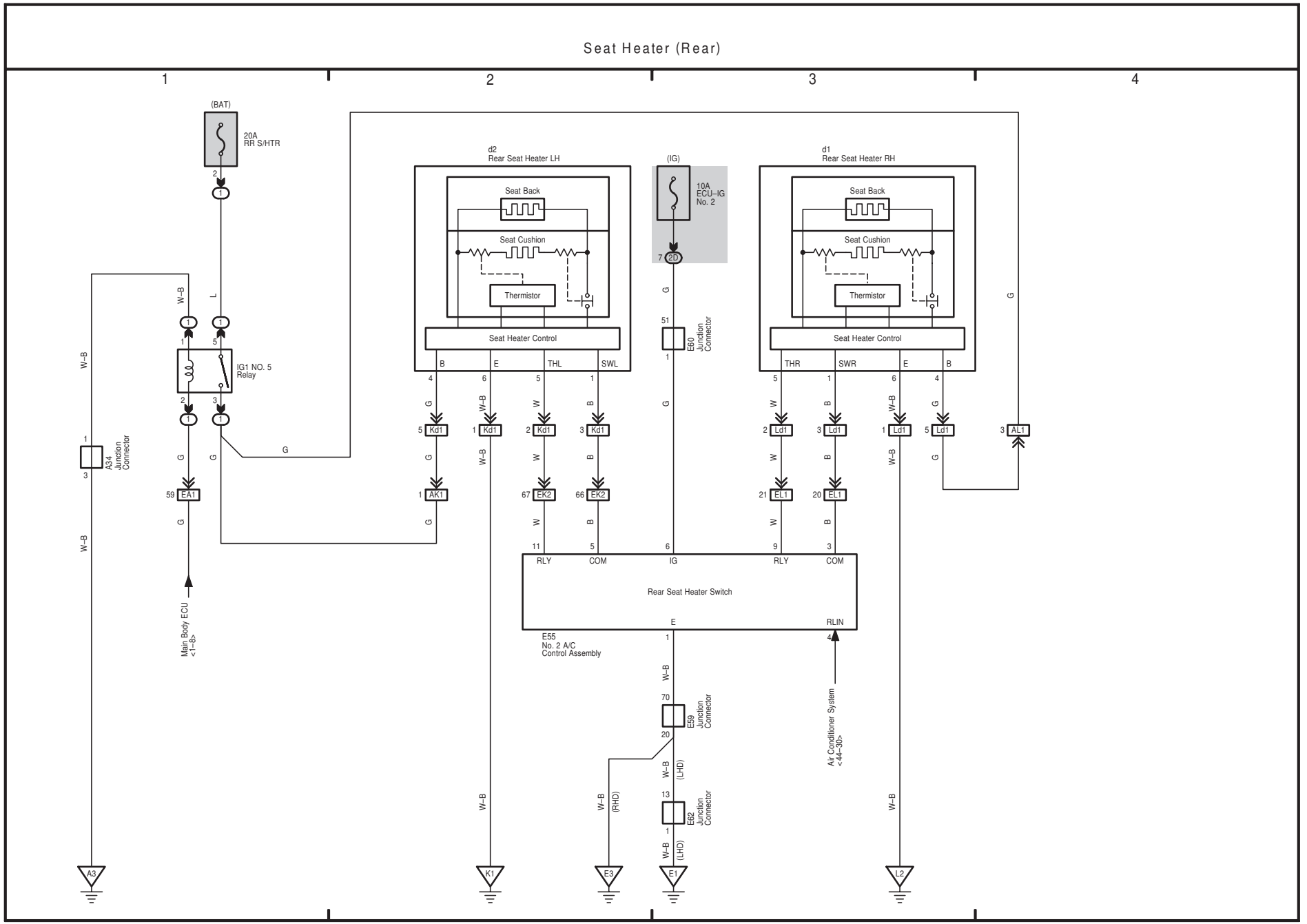
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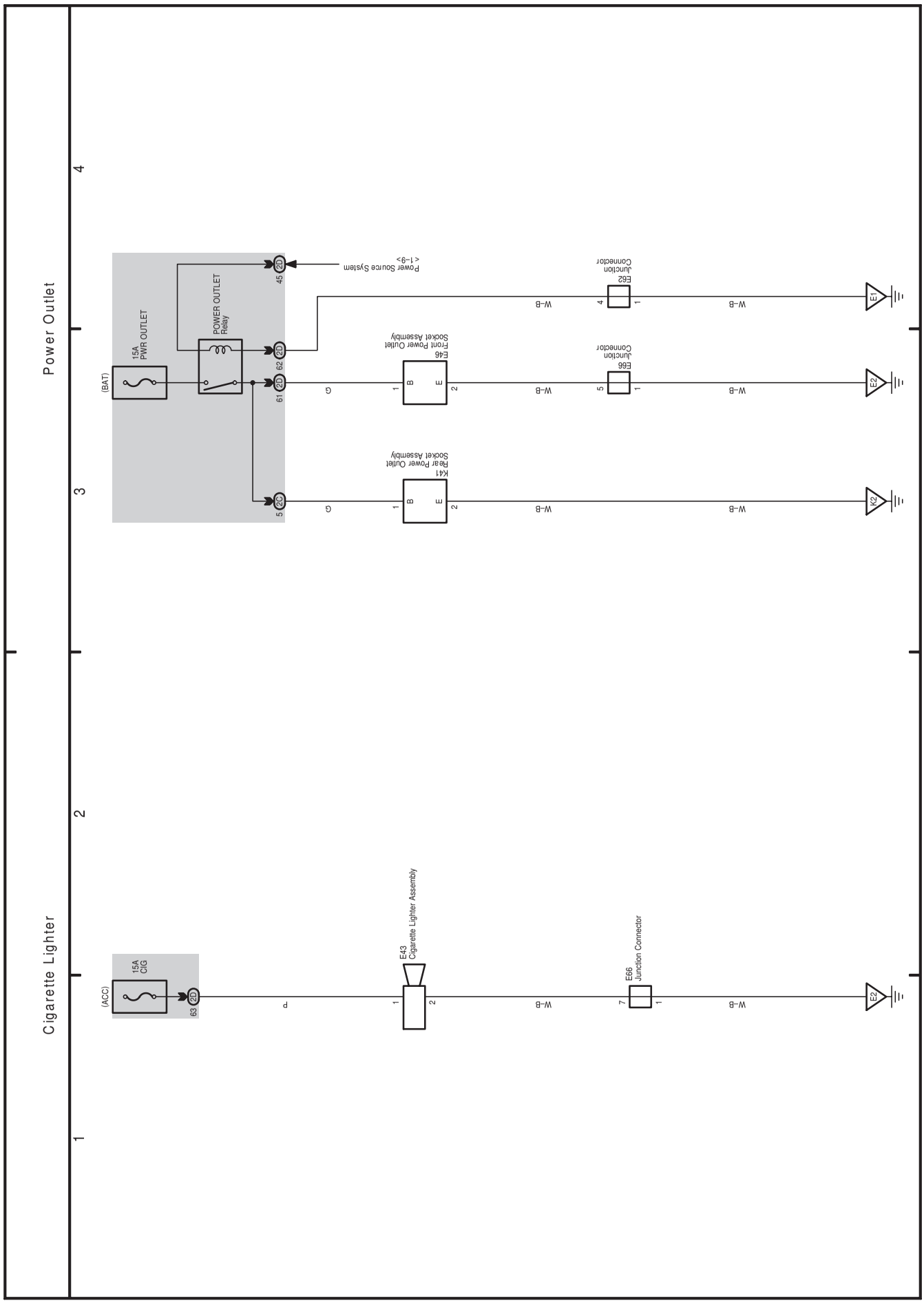

Front Wiper and Washer (w/o Auto Wiper System)
1
2
3
4
(IG)
20A WSH
(IG)
30A WIPER
E15(A), E16(B) Windshield Wiper Switch Assembly
Front Wiper Switch
MIST
OFF
INT
LO
HI
B1
INT2
INT1
+S
+1
+2
+B
Wiper Relay
Front Washer Switch
Off
On
EW
W
WF
EW
+S
+1
+2
+B
E63 Junction Connector
A16 Windshield Washer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

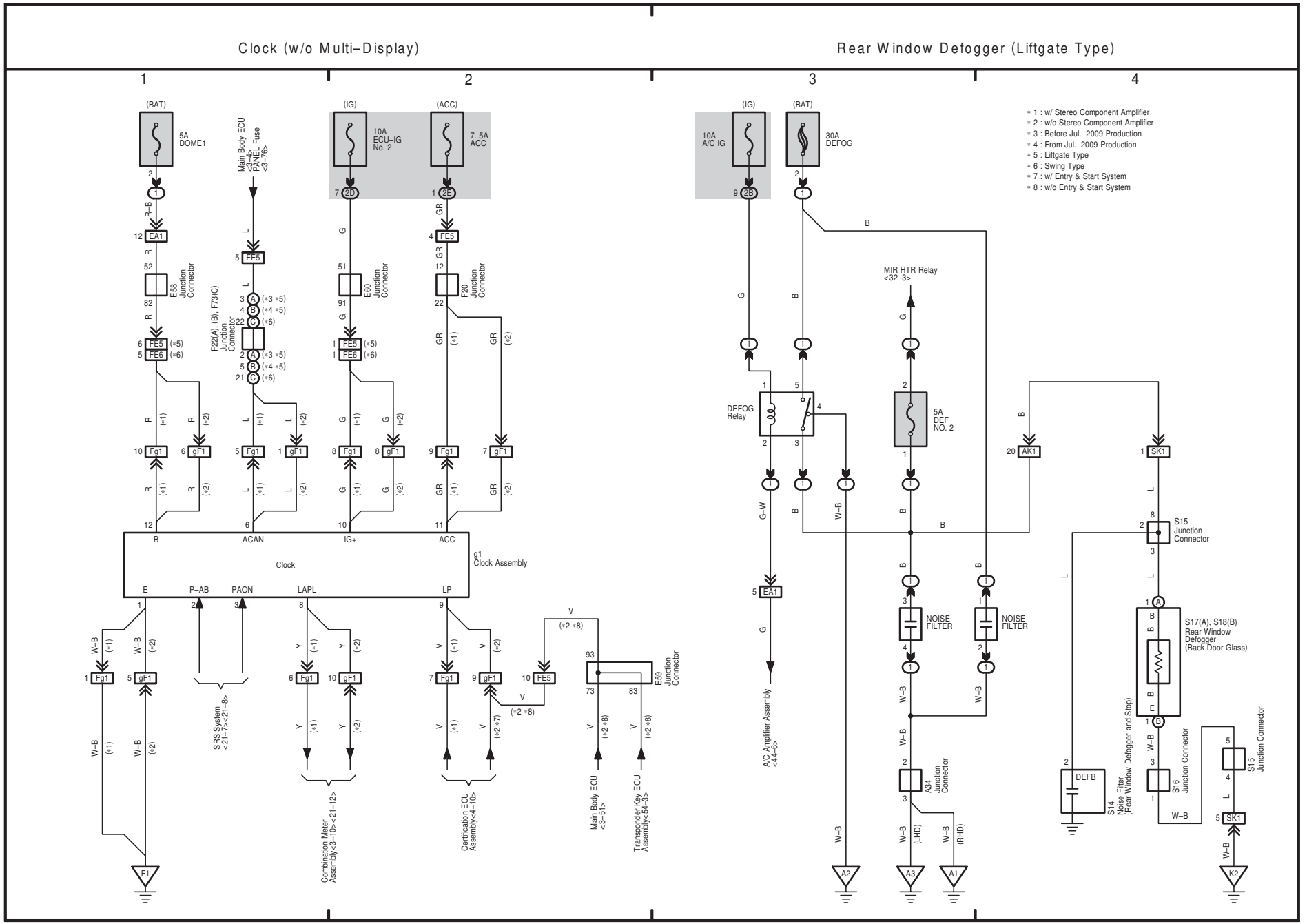

Rear Wiper and Washer
1
2
3
4
(IG)
15A
RR
WIPER
21 2C
21 2B
E15(A), E16(B)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO (*6)
HI
On+Washer
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : Liftgate Type
* 4 : Swing Type
* 6 : w/ Intermittent
A16
Windshield Washer
Motor and Pump Assembly
E63
Junction
Connector
S16
Junction
Connector
S15
Junction
Connector
Rear Wiper Relay
E
B
LS (*3)
L (*4)
C1
S6(A), T2(B)
Rear Wiper Motor Assembly
17 KL1
1 TL1
2 SK1
78 EA1
11 SK1
12 SK1
6 KL1
7 KL1
6 TL2
7 TL2
5 SK1
6 TL1
K2
L2
E1


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
GND1
2
R7
Overhead
Module
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
E56
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
3B
3
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
BR
B
24
Kc1
18
Kc1
43
EK1
44
EK1
c23
Junction
Connector
4
3
15
VE2
14
VE2
3
4
W–B
9
Kc1
W–B
K1
(IG)
5A
LH–IG
55
2D
G
100
E58
Junction
Connector
60
13
VE2
2
RV
SW
IG
V1
Seat Heater Switch
E
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
18
Lc1
24
Lc1
59
EL1
60
EL1
16
VE2
17
VE2
6
1
SW
RV
9
Lc1
W–B
L1
17
Lc1
c12
Junction Connector
4
3
W–B


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
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
1
AK1
67
EK2
66
EK2
W
B
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
21
EL1
20
EL1
W
B
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
2D
45
62
61
5
Power Source System
<1-9>
Front Power Outlet
Socket Assembly
RF46
Rear Power Outlet
Socket Assembly
K41
Junction
Connector
E62
E66
G
W-B
E1
E2
K2
(ACC)
15A
CIG
63
P
E43
Cigarette Lighter Assembly
E66
Junction Connector

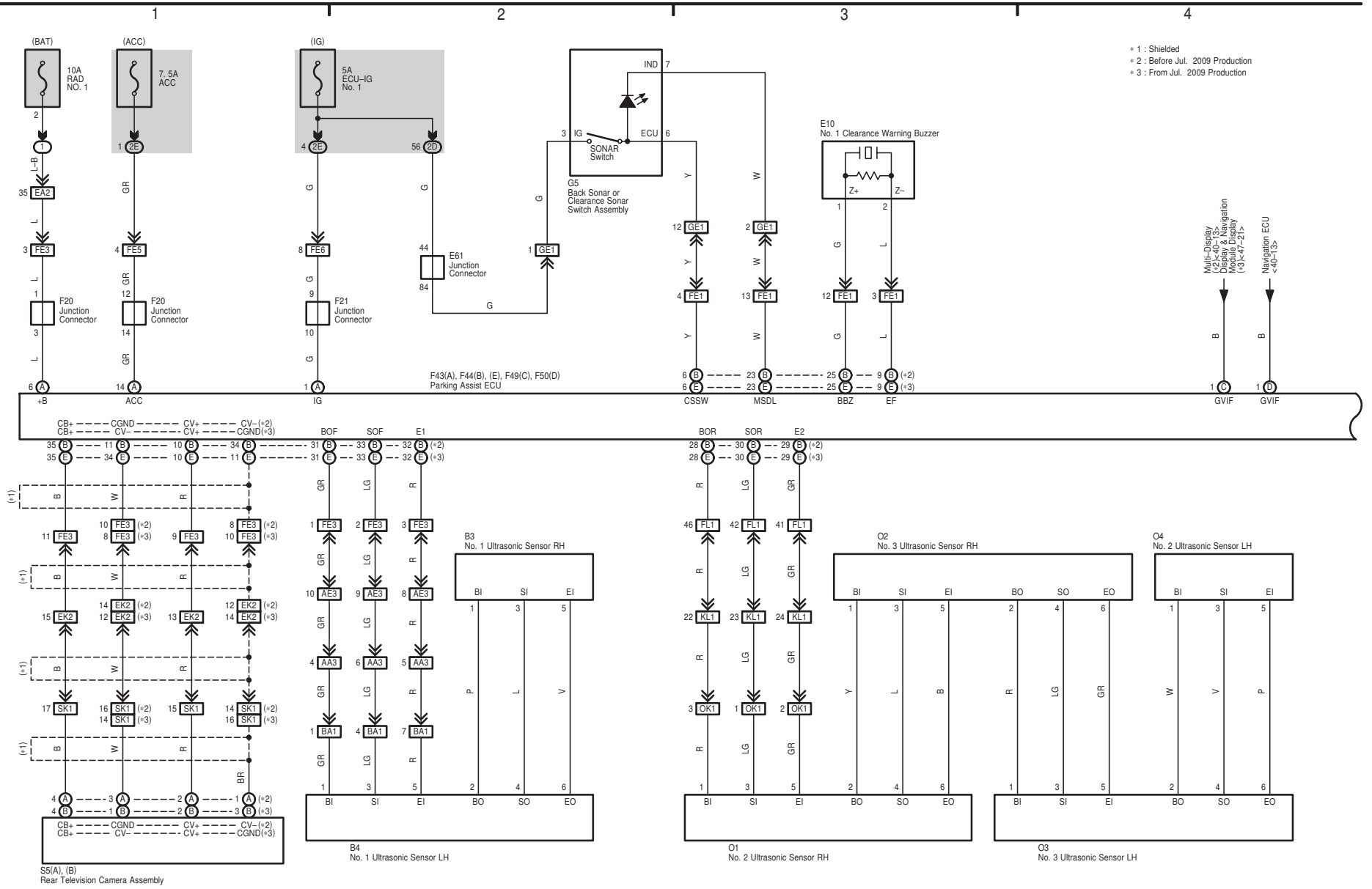


LAND CRUISER Station Wagon (EM19U0E)

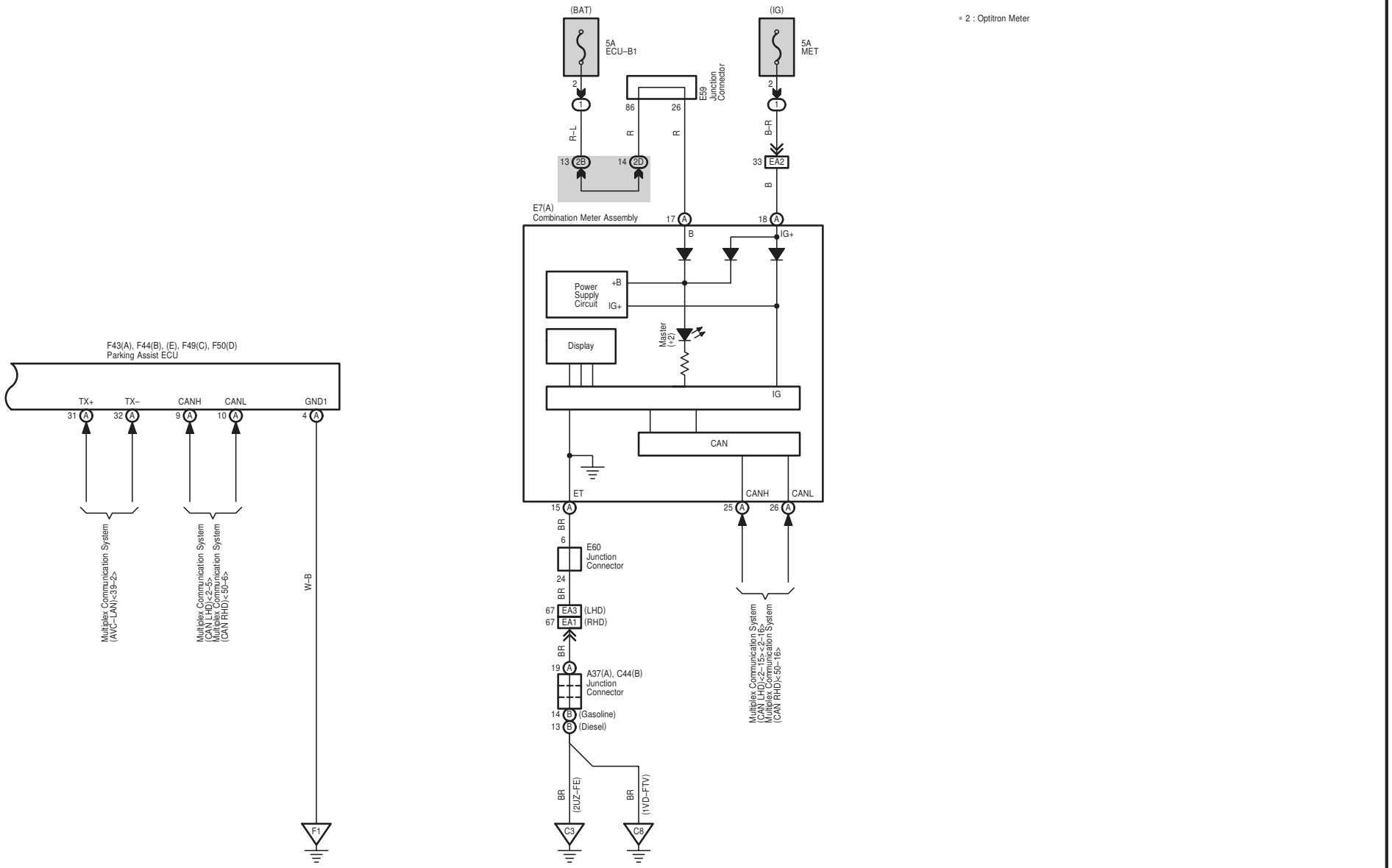
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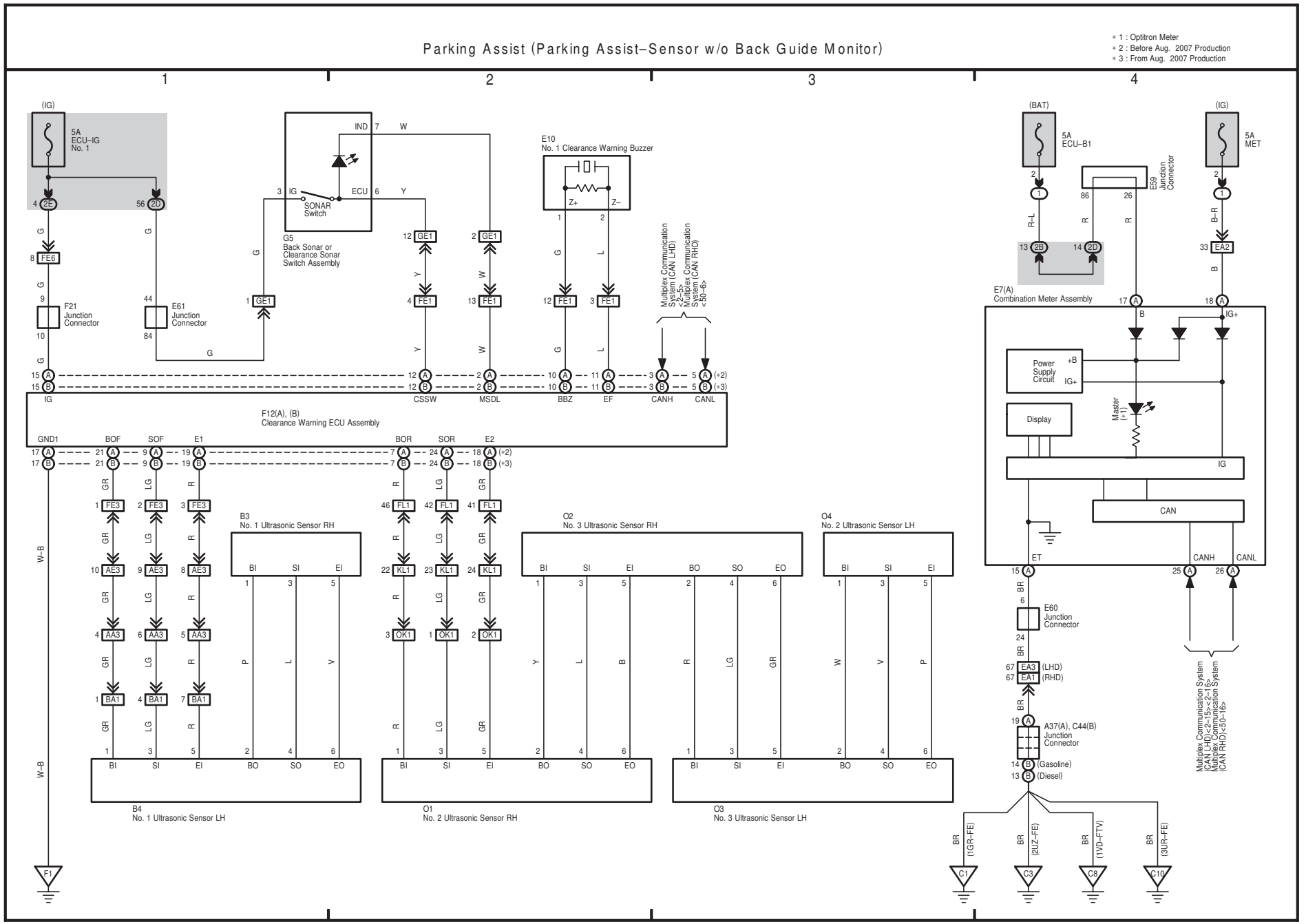
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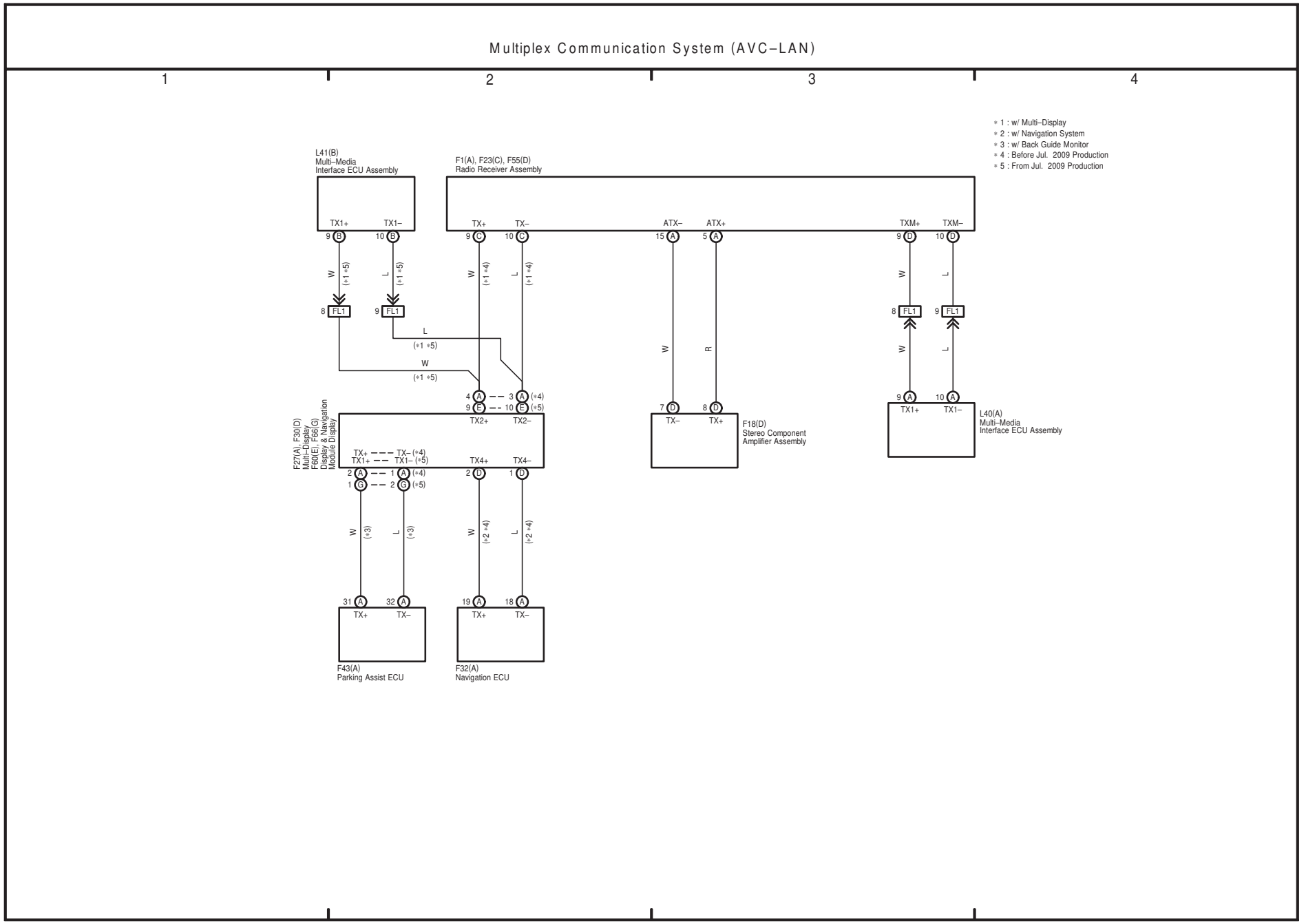
Parking Assist (Back Guide Monitor) and Parking Assist (Parking Assist–Sensor w/ Back Guide Monitor)



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

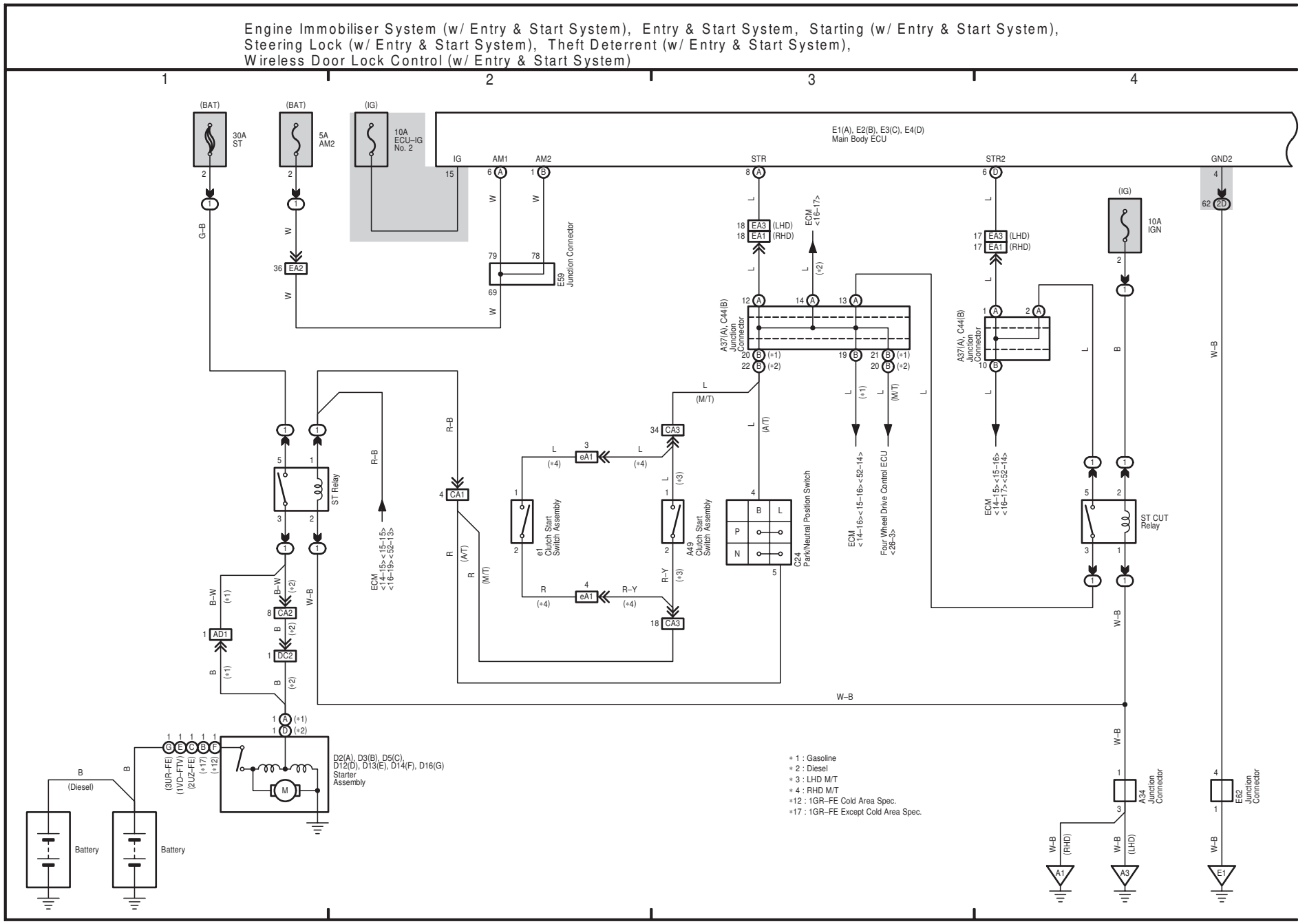



Parking Assist (Parking Assist–Sensor w/o Back Guide Monitor)
* 1 : Optitron Meter
* 2 : Before Aug. 2007 Production
* 3 : From Aug. 2007 Production
1
2
3
4
(IG)
5A ECU–IG No. 1
4 2E
56 2D
G
8 FE6
9 F21 Junction Connector 10
44 E61 Junction Connector 84
15 A 15 B IG
IND 7 W
3 IG SONAR Switch ECU 6 Y
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 LHD) <2–15> Multiplex Communication System (CAN RHD) <50–16>
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 BOF SOF E1 BOR SOR E2
17 A 17 B
21 A 21 B
9 A 9 B
19 A 19 B
7 A 7 B
24 A 24 B
18 A (*2) 18 B (*3)
GR LG R
1 FE3 2 FE3 3 FE3
10 AE3 9 AE3 8 AE3
4 AA3 6 AA3 5 AA3
1 BA1 4 BA1 7 BA1
1 3 5
BI SI EI BO SO EO
W–B
F1
B3 No. 1 Ultrasonic Sensor RH
P L V
46 FL1 42 FL1 41 FL1
22 KL1 23 KL1 24 KL1
3 OK1 1 OK1 2 OK1
B4 No. 1 Ultrasonic Sensor LH
O1 No. 2 Ultrasonic Sensor RH
O2 No. 3 Ultrasonic Sensor RH
Y L B
O3 No. 3 Ultrasonic Sensor LH
R LG GR
O4 No. 2 Ultrasonic Sensor LH
W V P
(BAT)
5A ECU–B1
2 1 R–L
13 2B 14 2D
E59 Junction Connector
86 R 26 R
(IG)
5A MET
2 1 B–R
33 EA2 B
E7(A) Combination Meter Assembly
17 A B 18 A 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
67 EA3 (LHD) 67 EA1 (RHD)
19 A A37(A), C44(B) Junction Connector
14 B (Gasoline) 13 B (Diesel)
Multiplex Communication System (CAN LHD)<2–15><2–16> Multiplex Communication System (CAN RHD)<50–16>
BR (1GR–FE) C1
BR (2UZ–FE) C3
BR (1VD–FTV) C8
BR (3UR–FE) 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
TX1+
TX1–
F1(A), F23(C), F55(D)
Radio Receiver Assembly
TX+
TX–
ATX–
ATX+
TXM+
TXM–
W
L
R
FL1
F27(A), F30(D)
Multi–Display
F60(E), F66(G)
Display & Navigation
Module Display
TX2+
TX2–
TX4+
TX4–
F18(D)
Stereo Component
Amplifier Assembly
L40(A)
Multi–Media
Interface ECU Assembly
F43(A)
Parking Assist ECU
F32(A)
Navigation ECU

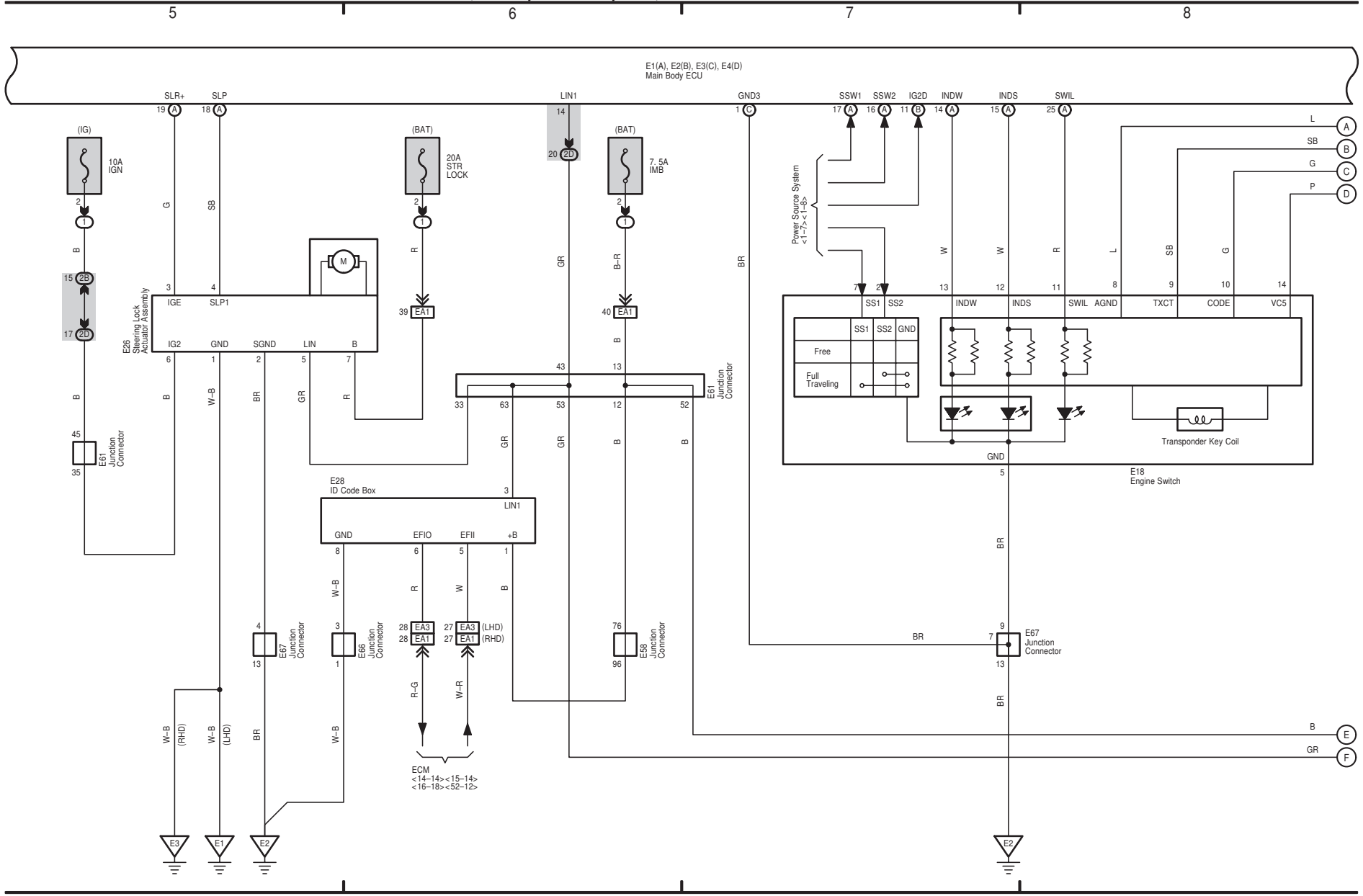
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System), Wireless Door Lock Control (w/ Entry & Start System)



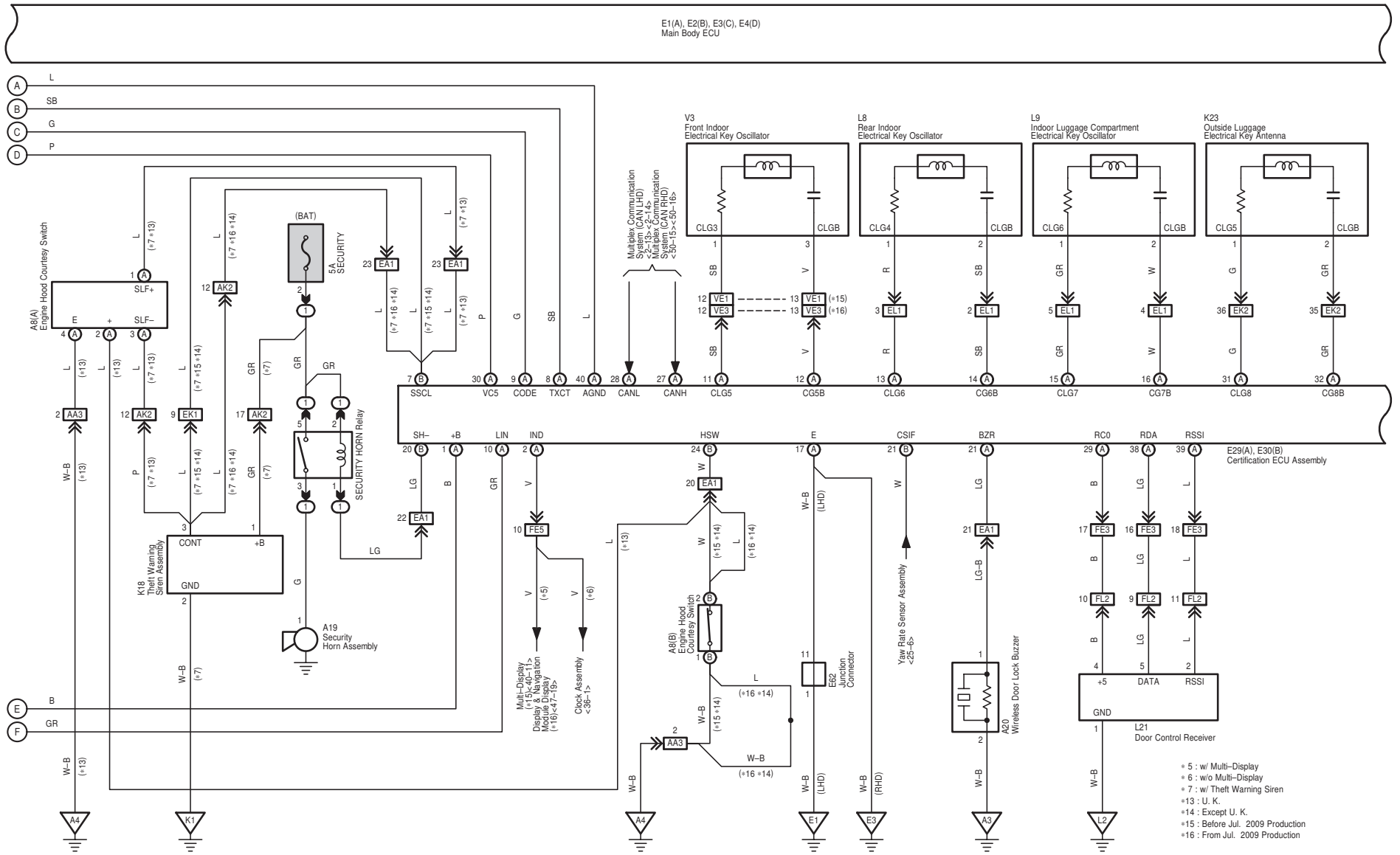
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System), Wireless Door Lock Control (w/ Entry & Start System)



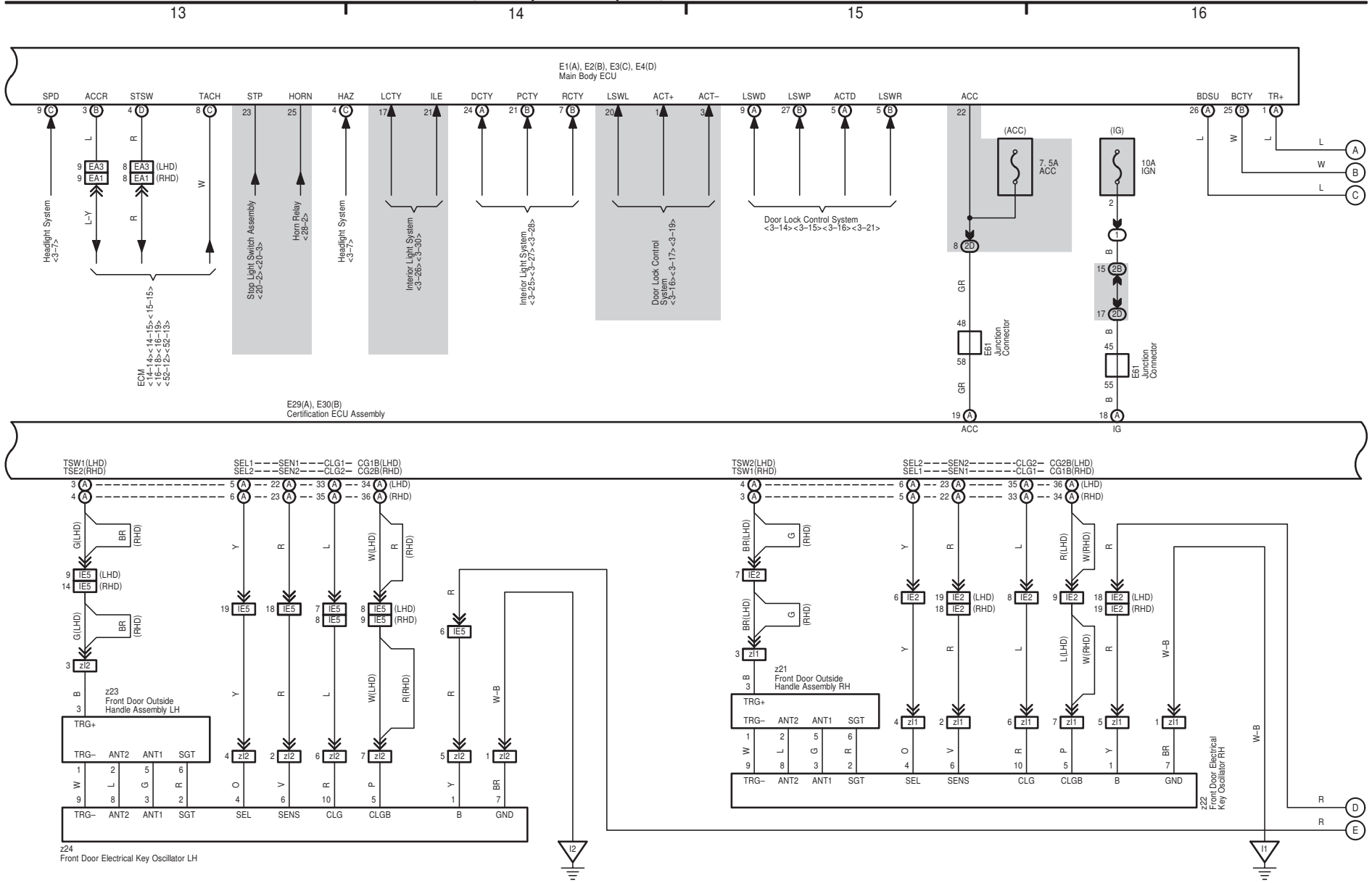
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System), Wireless Door Lock Control (w/ Entry & Start System)



(Cont. next page)

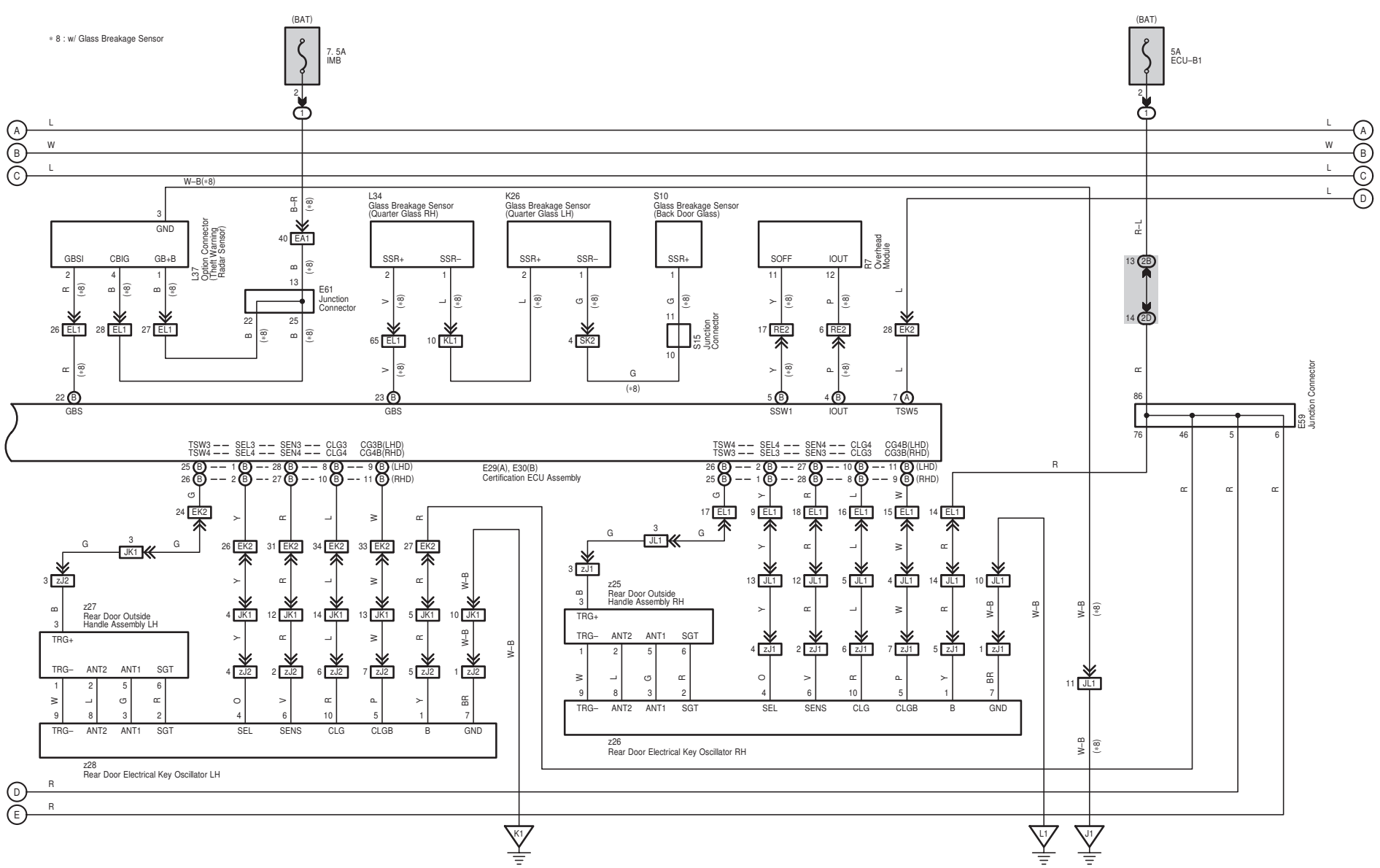
Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System), Wireless Door Lock Control (w/ Entry & Start System)

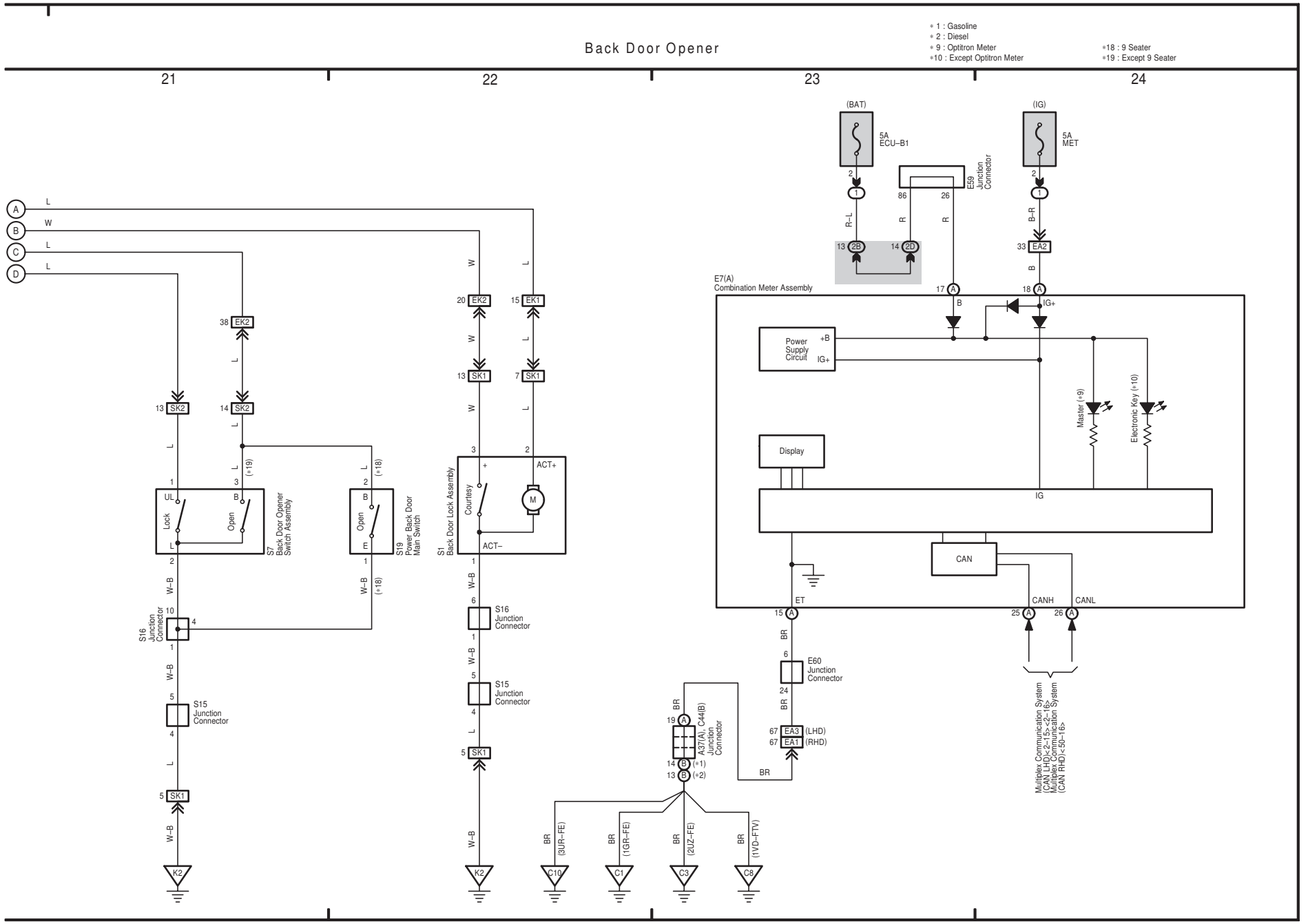


4 LAND CRUISER Station Wagon (Cont' d)

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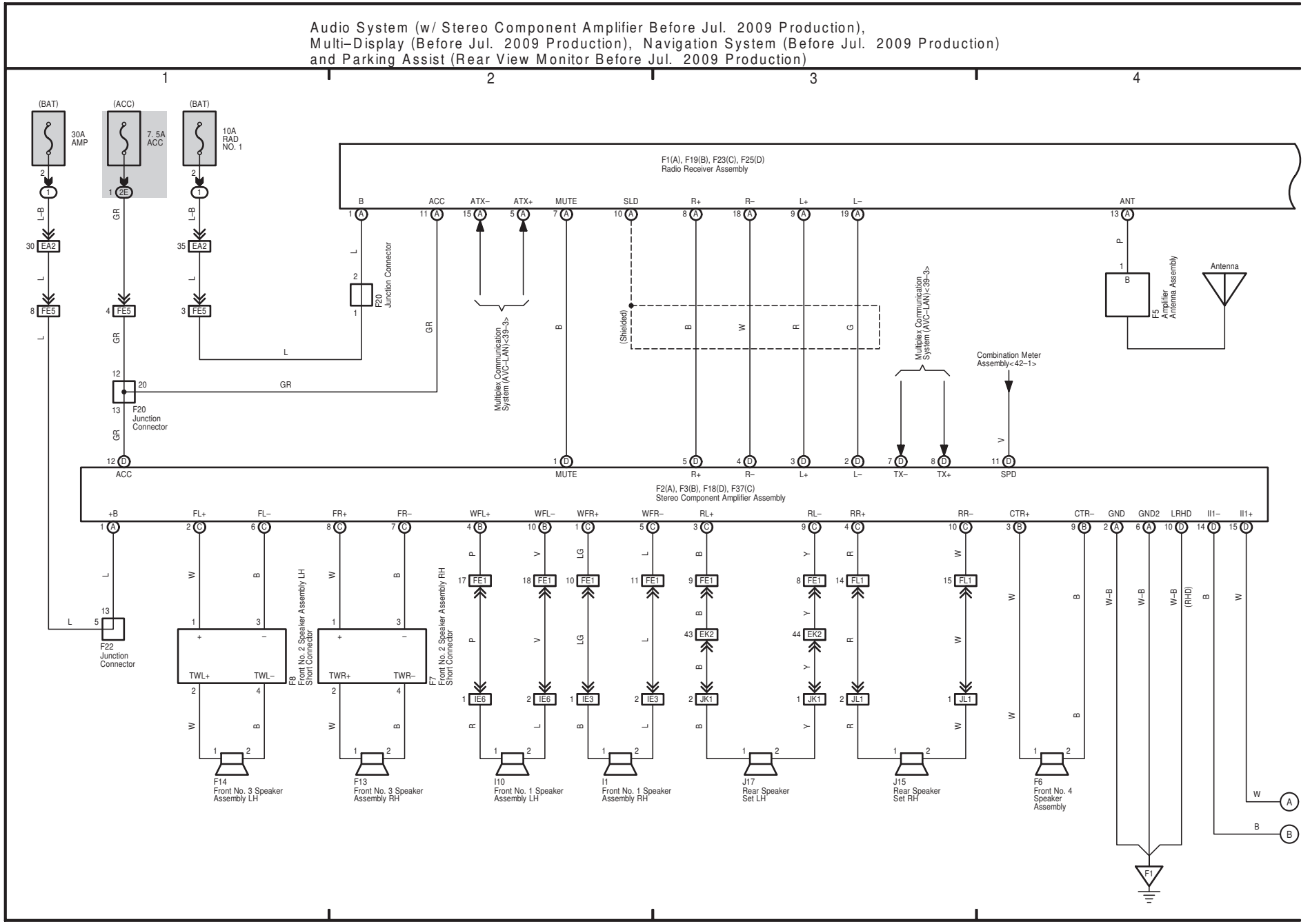
Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System), Wireless Door Lock Control (w/ Entry & Start System)




Back Door Opener
* 1 : Gasoline
* 2 : Diesel
* 9 : Optitron Meter
*10 : Except Optitron Meter
*18 : 9 Seater
*19 : Except 9 Seater
21
22
23
24
(BAT)
5A ECU–B1
(IG)
5A MET
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Display
Master (*9)
Electronic Key (*10)
IG
CAN
ET
CANH
CANL
E60 Junction Connector
(LHD)
(RHD)
A37(A) Junction Connector
C44(B)
(*1)
(*2)
Multiplex Communication System (CAN LHD)<2–15><2–16>
Multiplex Communication System (CAN RHD)<50–16>
S7 Back Door Opener Switch Assembly
Lock
Open
S19 Power Back Door Main Switch
S1 Back Door Lock Assembly
Courtesy
ACT+
ACT–
S16 Junction Connector
S15 Junction Connector
(*18)
(*19)
(3UR–FE)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
K2
C10
C1
C3
C8

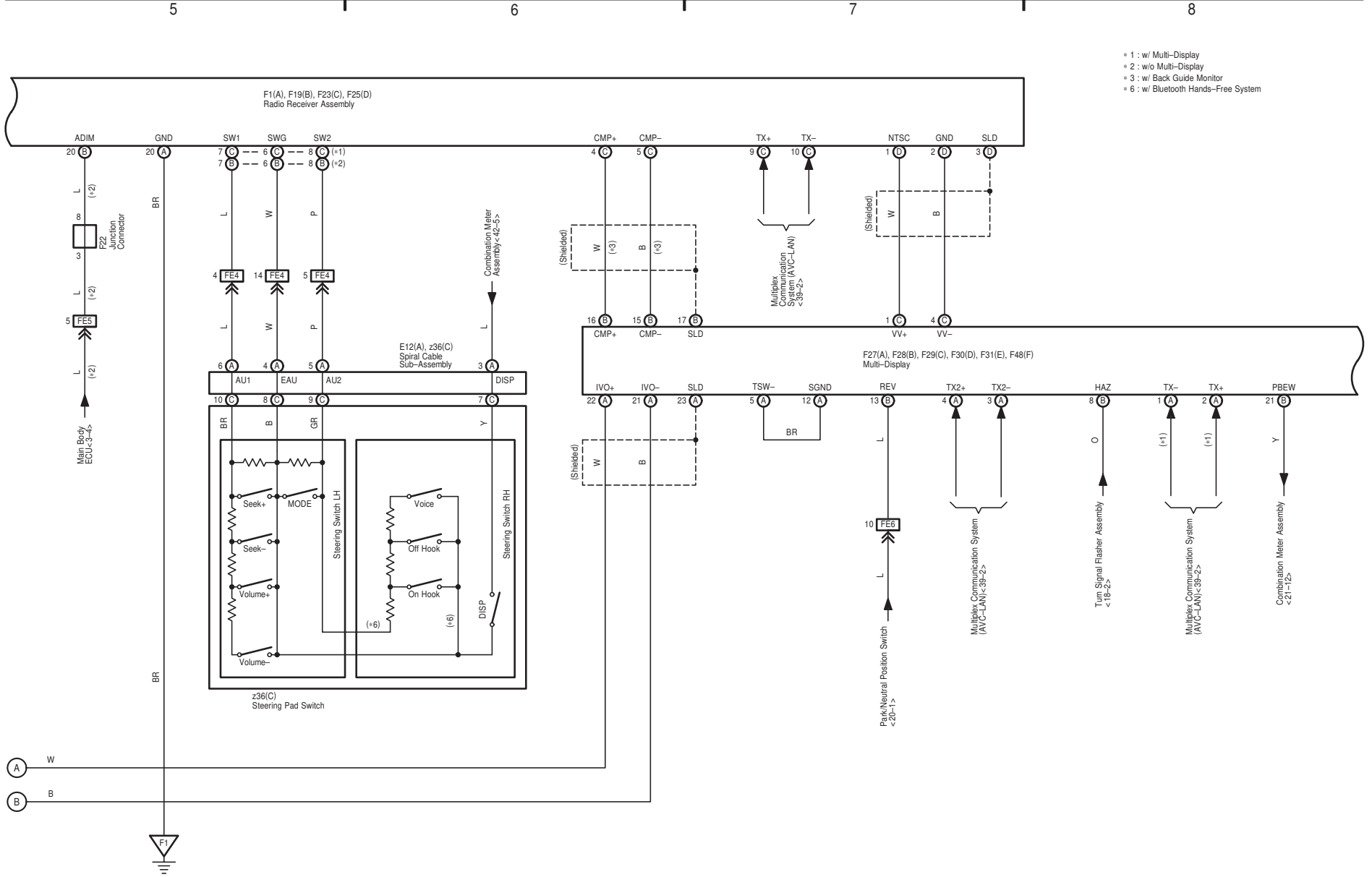
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Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)



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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)

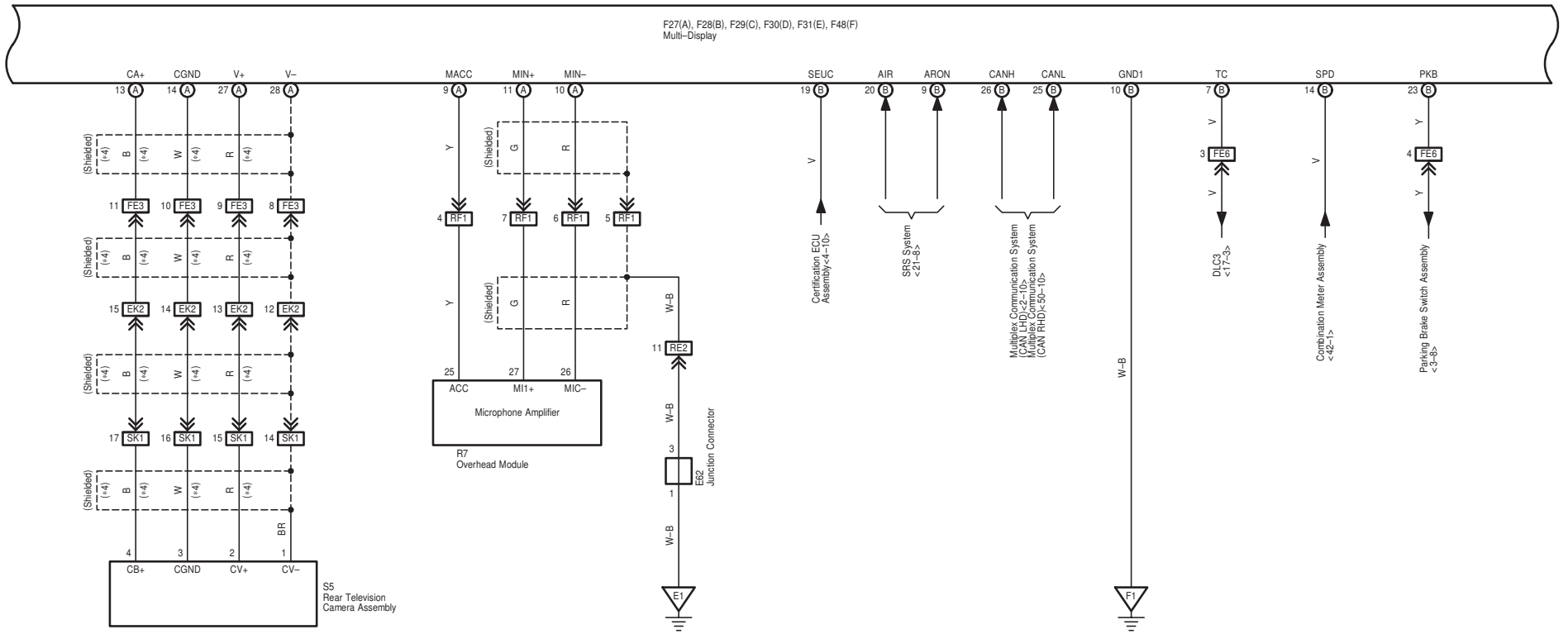


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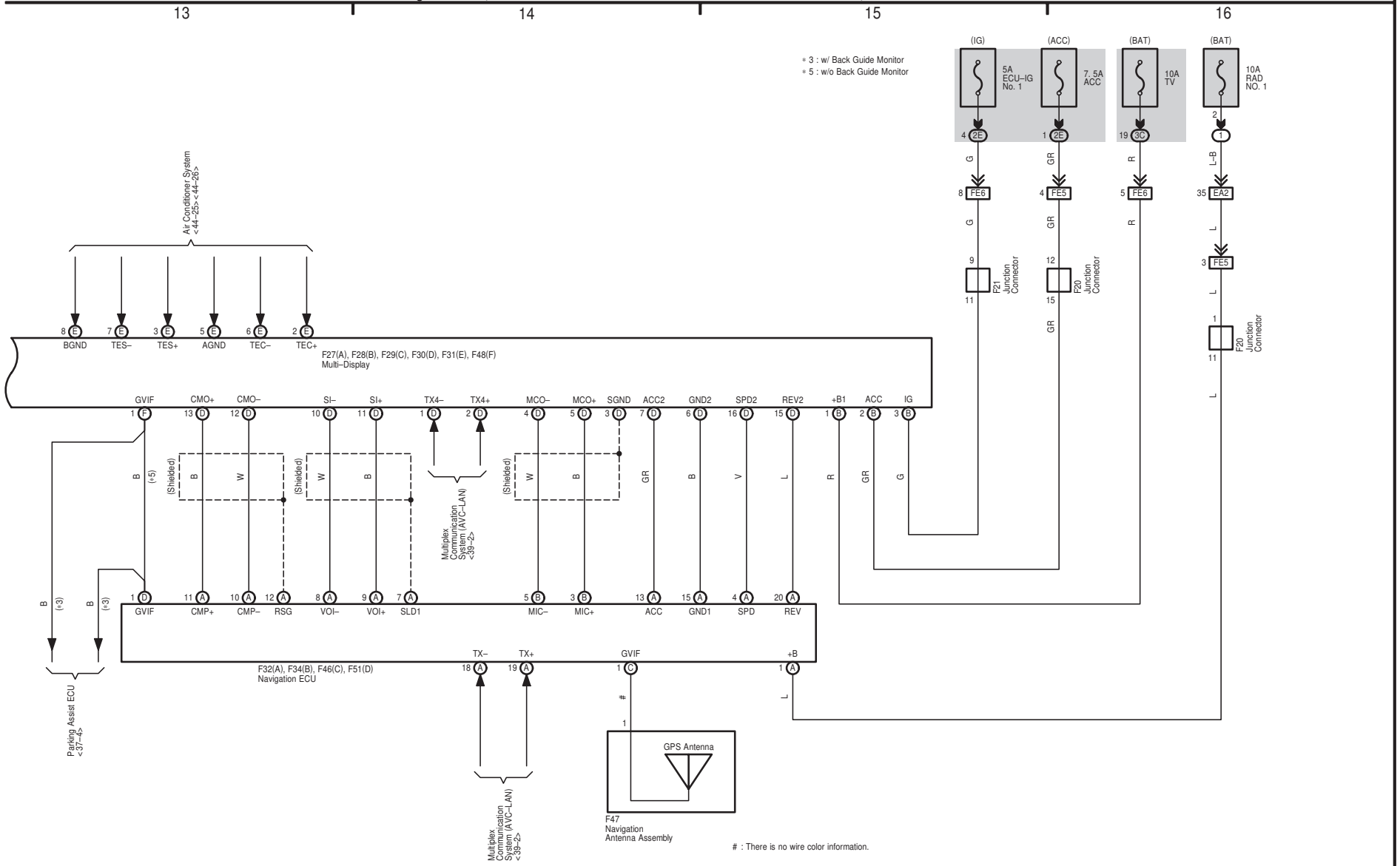
Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)

9 10 11 12

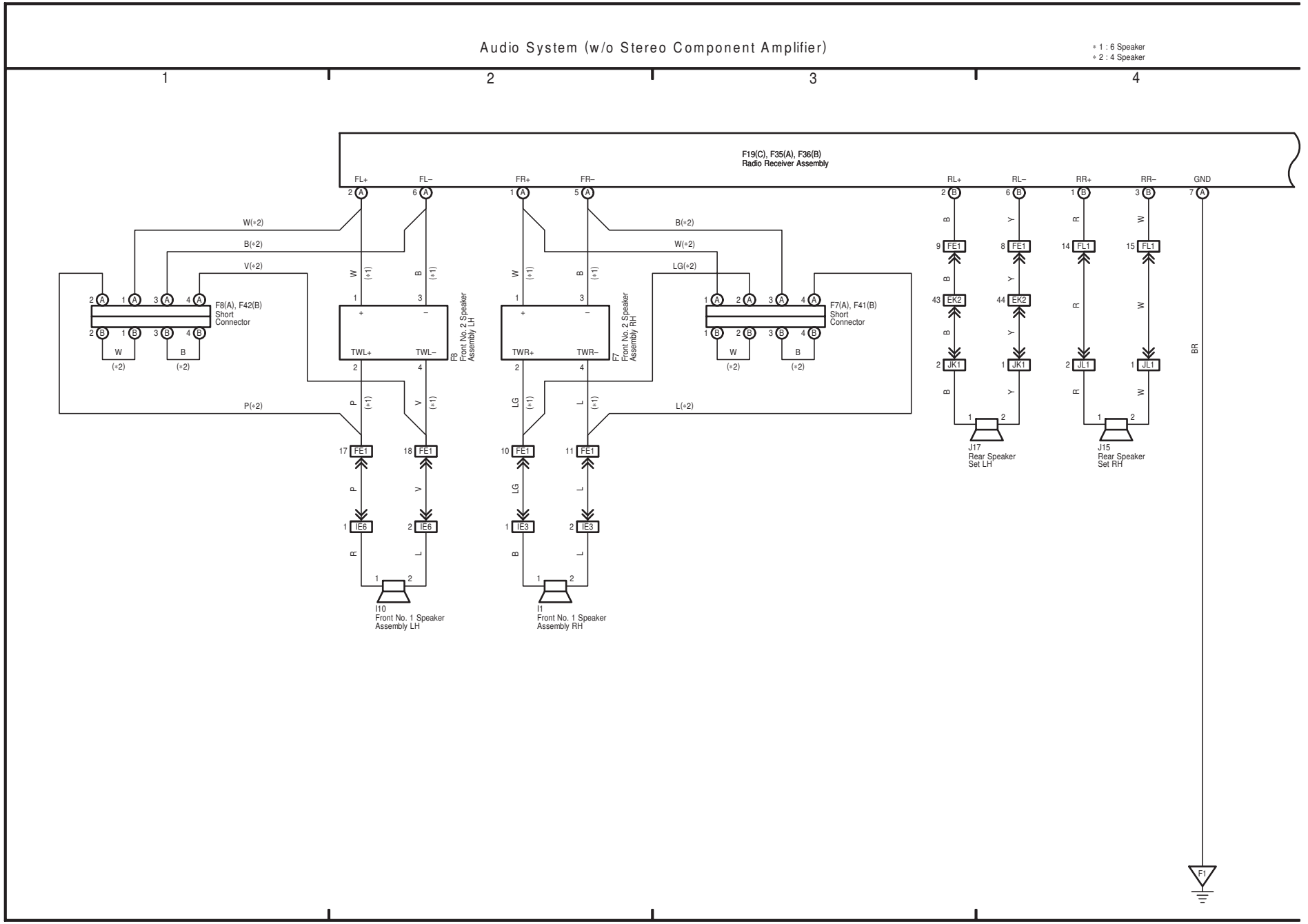
* 4 : w/ Rear View Monitor

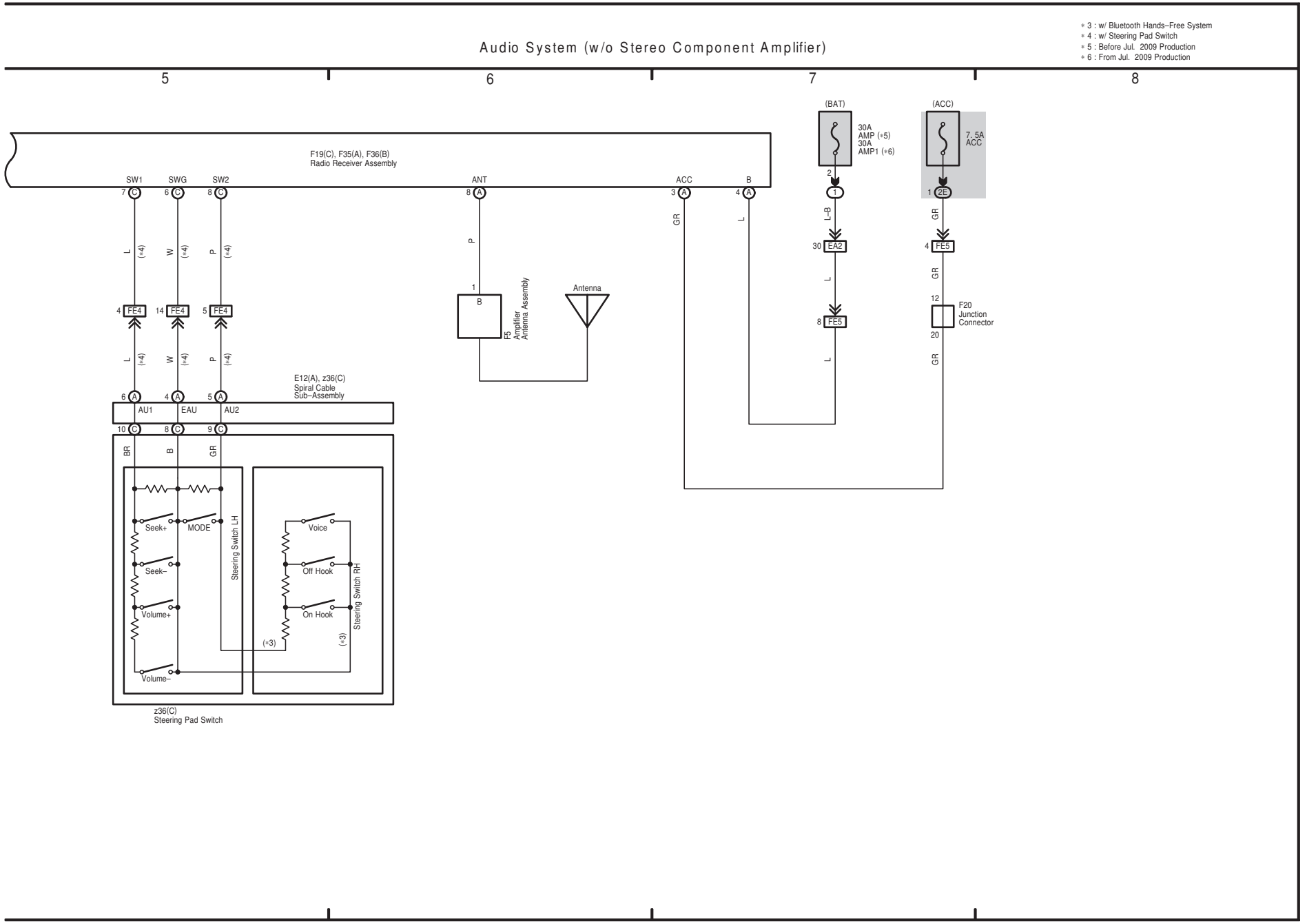


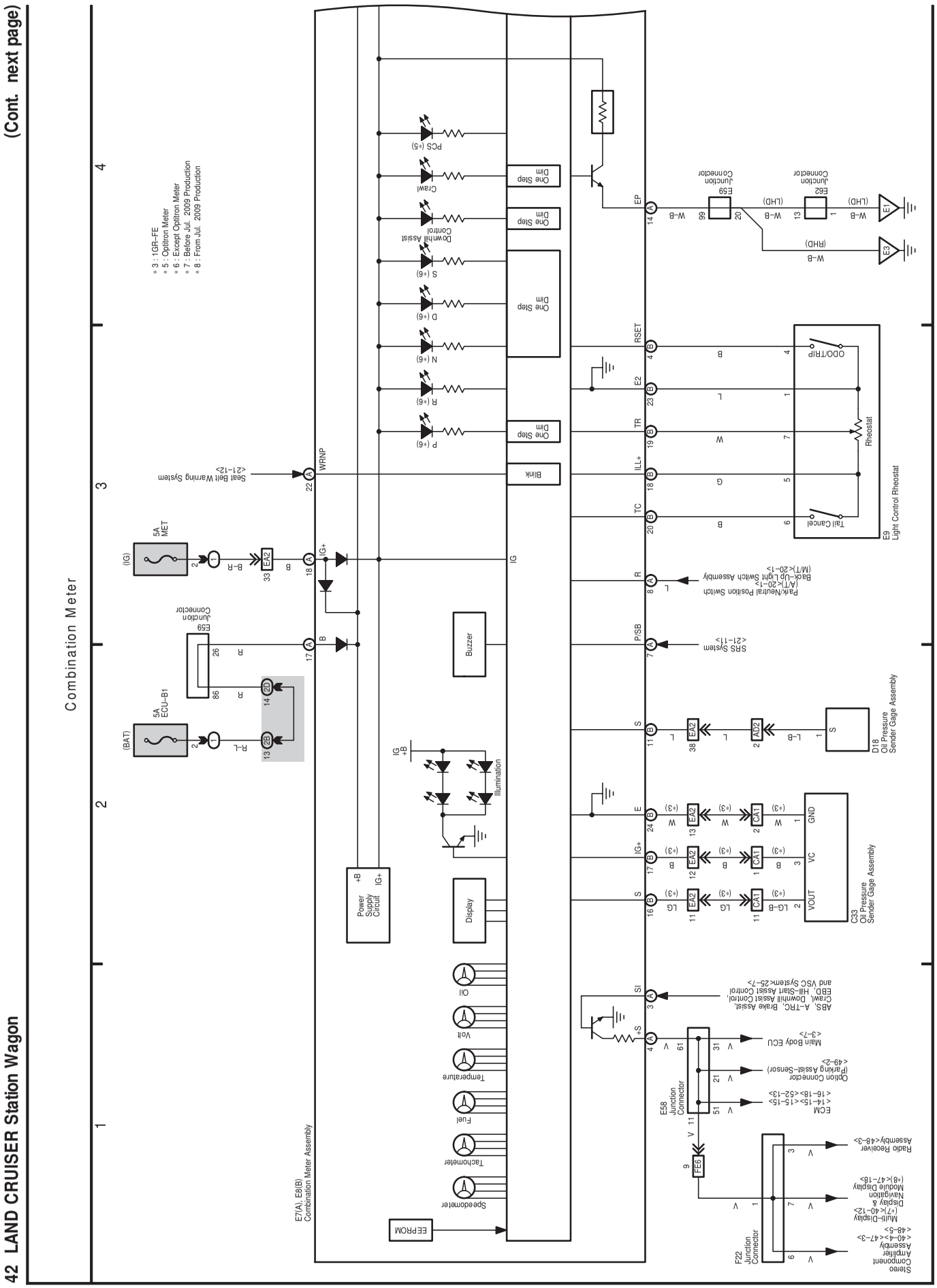
Audio System (w/ Stereo Component Amplifier Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor Before Jul. 2009 Production)



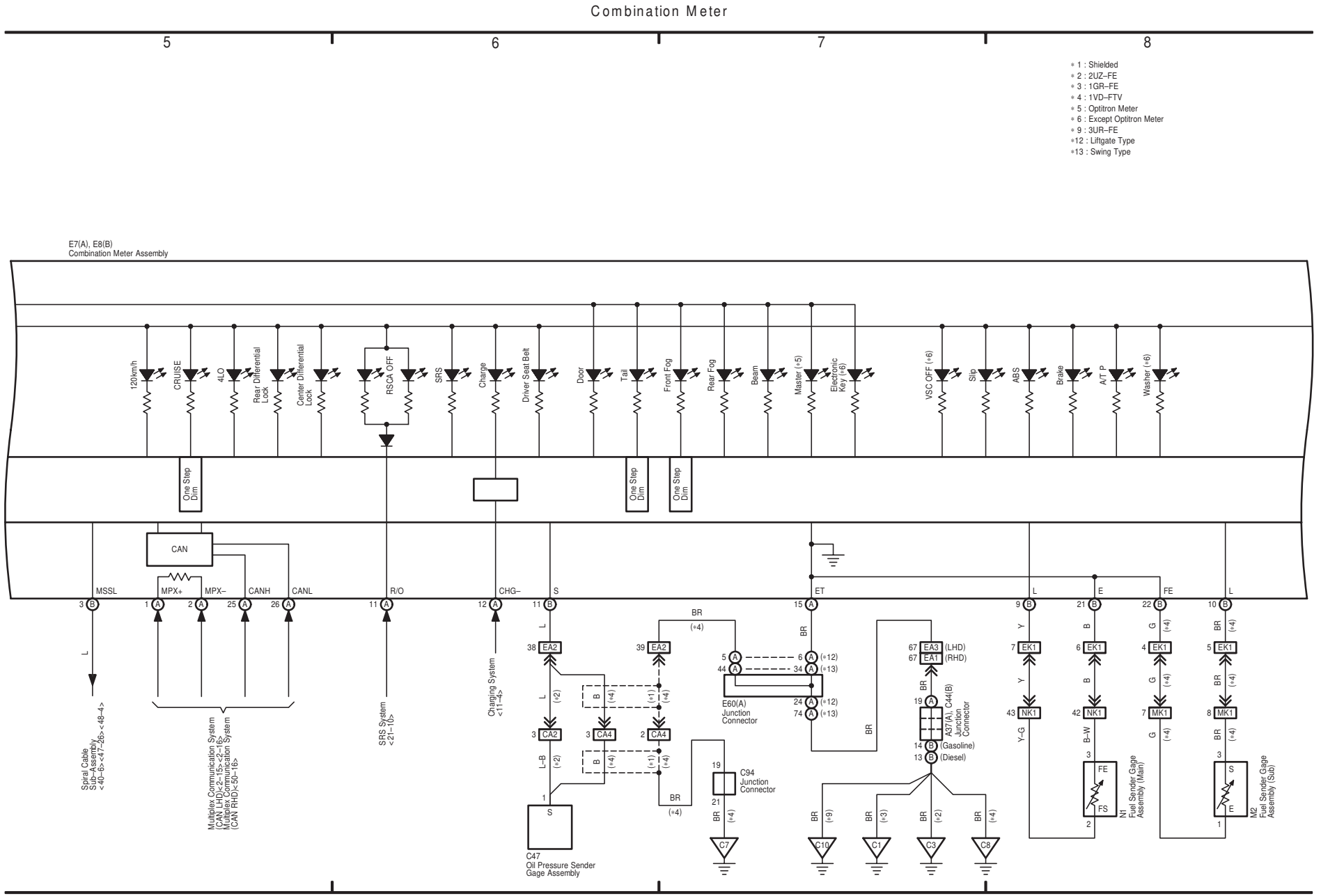
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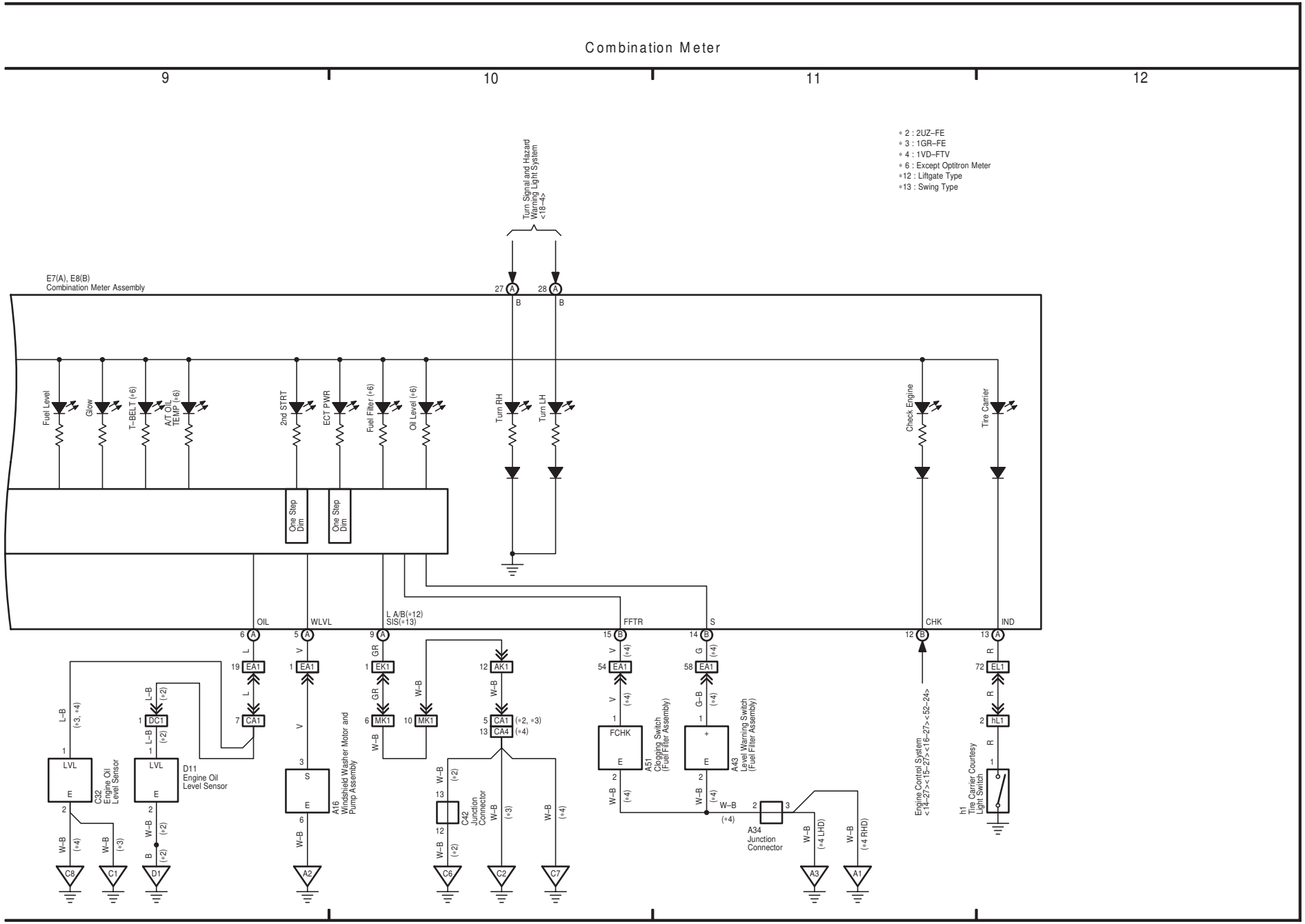

Audio System (w/o Stereo Component Amplifier)
* 3 : w/ Bluetooth Hands–Free System
* 4 : w/ Steering Pad Switch
* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production
5
6
7
8
F19(C), F35(A), F36(B)
Radio Receiver Assembly
SW1
SWG
SW2
ANT
ACC
B
(BAT)
(ACC)
30A
AMP (*5)
30A
AMP1 (*6)
7. 5A
ACC
L (*4)
W (*4)
P (*4)
P
GR
L
L–B
GR
GR
L
L
GR
FE4
EA2
FE5
F5
Amplifier
Antenna Assembly
Antenna
F20
Junction
Connector
E12(A), z36(C)
Spiral Cable
Sub–Assembly
AU1
EAU
AU2
BR
B
GR
Seek+
MODE
Seek–
Volume+
Volume–
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*3)
(*3)
z36(C)
Steering Pad Switch

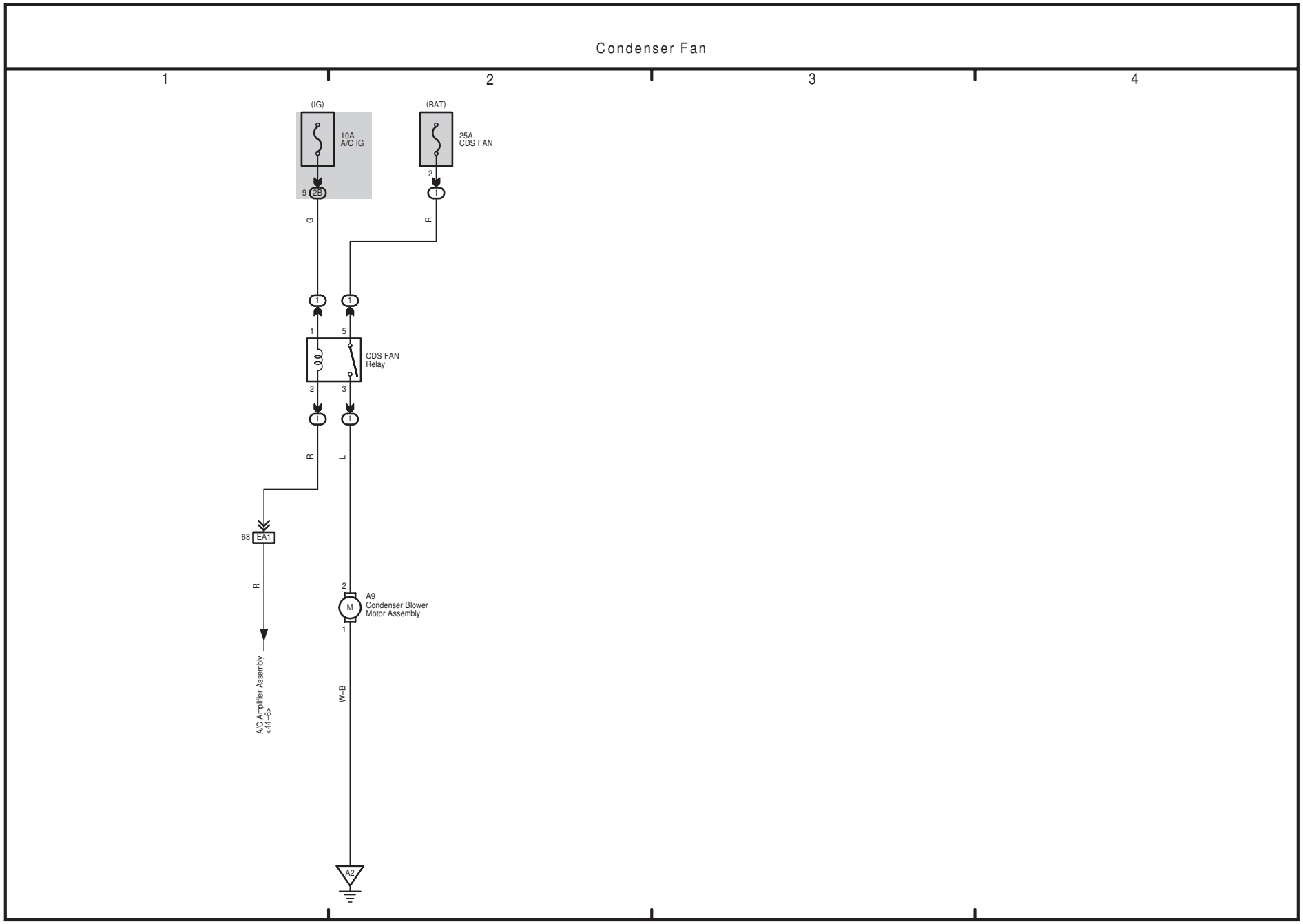

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42 LAND CRUISER Station Wagon
Combination Meter
E7(A), E8(B)
Combination Meter Assembly
* 3 : 1GR-FE
* 5 : Optitron Meter
* 6 : Except Optitron Meter
* 7 : Before Jul. 2009 Production
* 8 : From Jul. 2009 Production
Seat Belt Warning System <21-12>
5A MET
5A ECU-B1
(IG)
(BAT)
WRNP
IG+
IG
Buzzer
Blink
Illumination
Display
Power Supply Circuit
EEPROM
Speedometer
Tachometer
Fuel
Temperature
Volt
Oil
PCS (*5)
Crawl
Downhill Assist Control
S (*6)
D (*6)
N (*6)
R (*6)
P (*6)
One Step Dim
Junction Connector E59
Junction Connector E62
E1
E3
EP
RSET
E2
TR
ILL+
TC
E9
Light Control Rheostat
ODO/TRIP
Rheostat
Tail Cancel
Park/Neutral Position Switch <A/T><20-1>
Back-Up Light Switch Assembly <M/T><20-1>
SRS System <21-11>
D18
Oil Pressure Sender Gage Assembly
C33
Oil Pressure Sender Gage Assembly
GND
VC
VOUT
ABS, A-TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill-Start Assist Control and VSC System <25-7>
Main Body ECU <3-7>
Option Connector (Parking Assist-Sensor) <49-2>
ECM <14-15><15-15> <16-18><52-13>
E58 Junction Connector
FE6
F22 Junction Connector
Multi-Display (*7) <40-12>
Display & Navigation Module Display (*8) <47-18>
Radio Receiver Assembly <48-3>
Stereo Component Amplifier Assembly <40-4><47-3> <48-5>

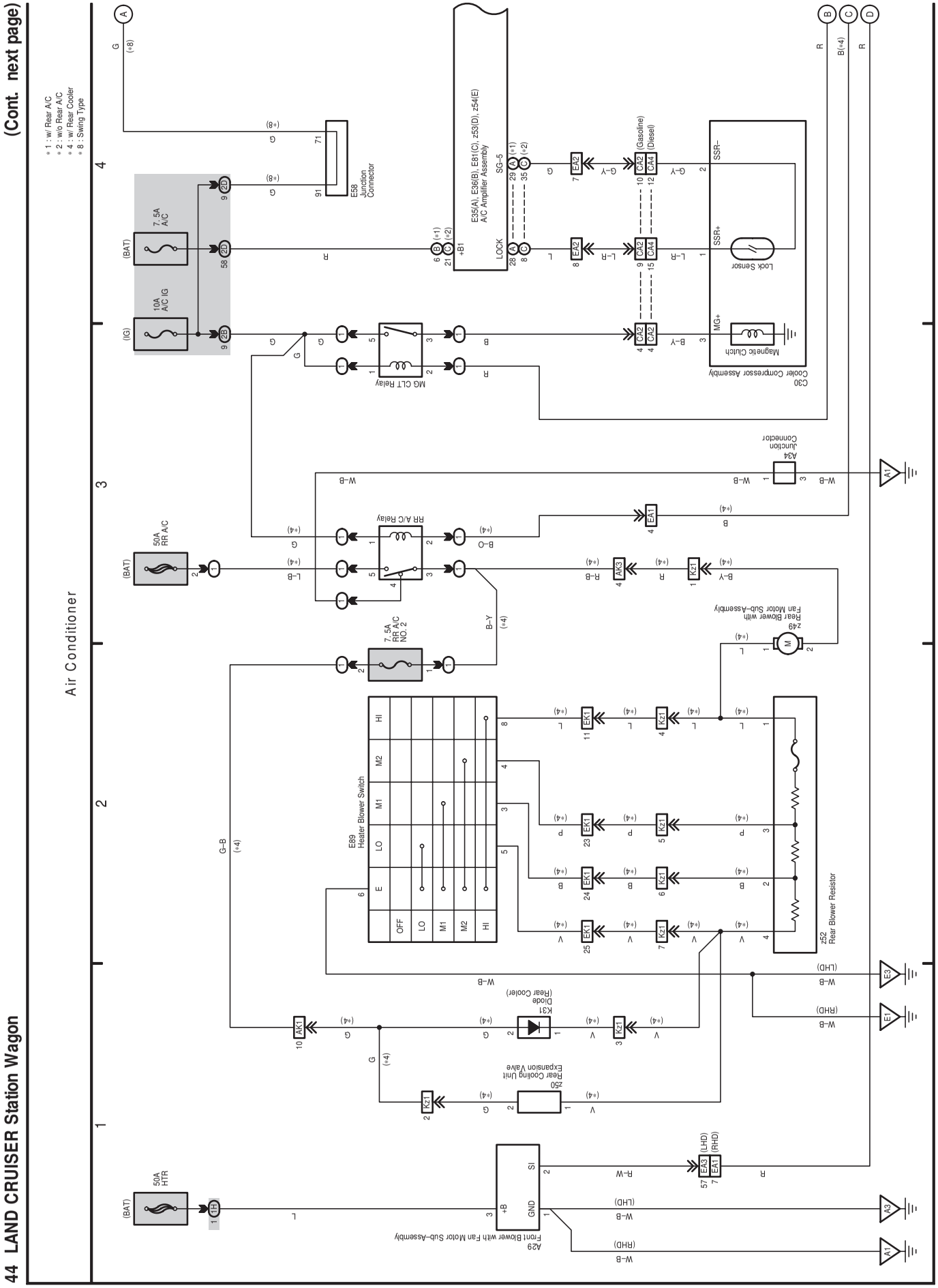
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42 LAND CRUISER Station Wagon (Cont' d)

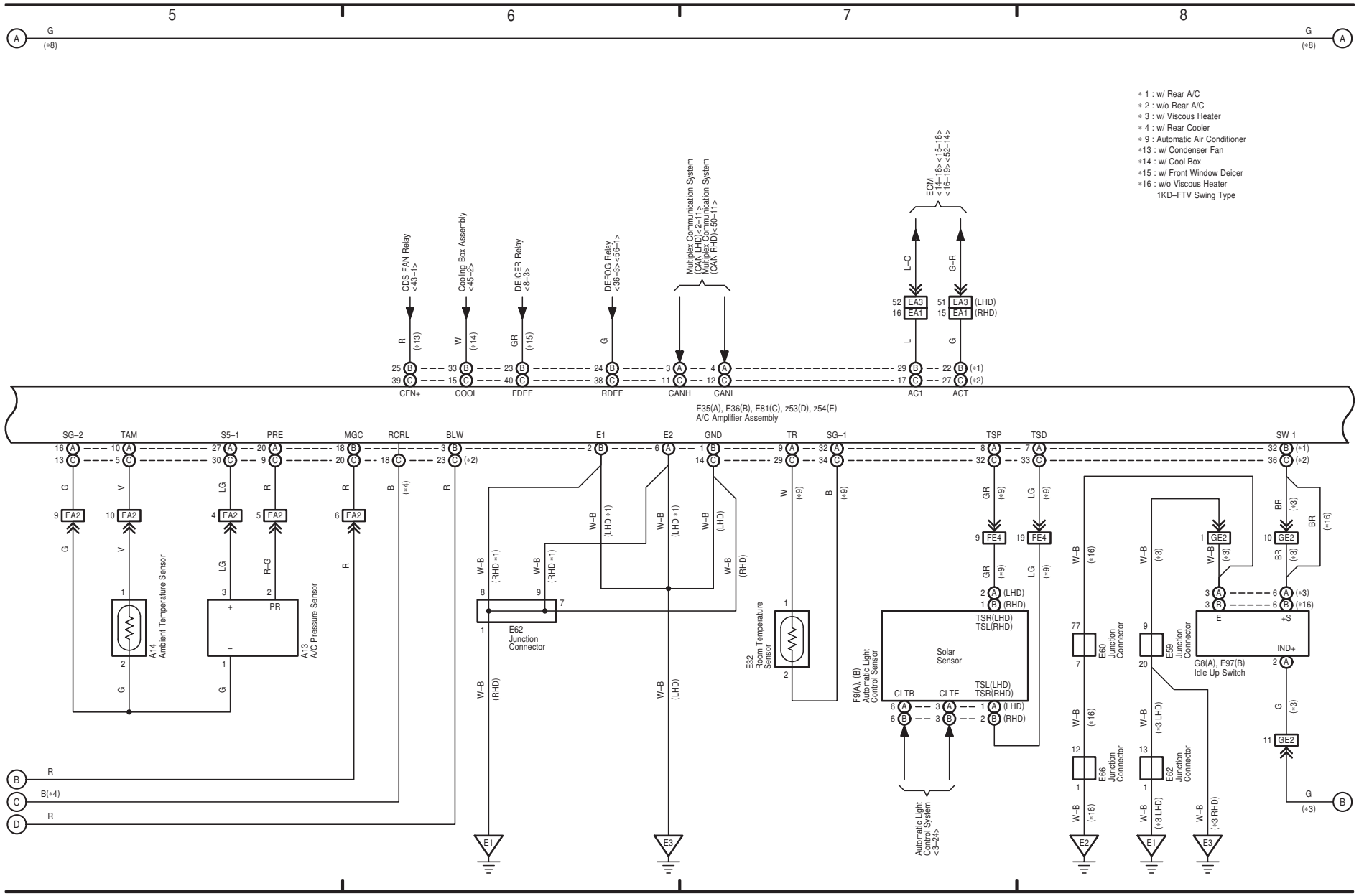

Combination Meter
9
10
11
12
∗ 2 : 2UZ–FE
∗ 3 : 1GR–FE
∗ 4 : 1VD–FTV
∗ 6 : Except Optitron Meter
∗12 : Liftgate Type
∗13 : Swing Type
Turn Signal and Hazard Warning Light System <18–4>
E7(A), E8(B) Combination Meter Assembly
27 A
28 A
B
B
Fuel Level
Glow
T–BELT (∗6)
A/T OIL TEMP (∗6)
2nd STRT
ECT PWR
Fuel Filter (∗6)
Oil Level (∗6)
Turn RH
Turn LH
Check Engine
Tire Carrier
One Step Dim
One Step Dim
OIL
WLVL
L A/B(∗12) SIS(∗13)
FFTR
S
CHK
IND
6 A
5 A
9 A
15 B
14 B
12 B
13 A
L
V
GR
V
G
R
19 EA1
1 EA1
1 EK1
54 EA1
58 EA1
72 EL1
7 CA1
6 MK1
10 MK1
12 AK1
5 CA1 (∗2, ∗3)
13 CA4 (∗4)
2 hL1
L–B (∗3, ∗4)
L–B (∗2)
W–B
W–B
W–B


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)
* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 4 : w/ Rear Cooler
* 8 : Swing Type
Air Conditioner
44 LAND CRUISER Station Wagon
E35(A), E36(B), E81(C), z53(D), z54(E) A/C Amplifier Assembly
SG-5
LOCK
E58 Junction Connector
7.5A A/C
10A A/C IG
50A RR A/C
7.5A RR A/C NO.2
50A HTR
MG CLT Relay
RR A/C Relay
C30 Cooler Compressor Assembly
Magnetic Clutch
Lock Sensor
(Gasoline)
(Diesel)
A34 Junction Connector
E89 Heater Blower Switch
OFF
LO
M1
M2
HI
Z49 Rear Blower with Fan Motor Sub-Assembly
Z52 Rear Blower Resistor
K31 Diode (Rear Cooler)
Z50 Rear Cooling Unit Expansion Valve
A29 Front Blower with Fan Motor Sub-Assembly
E3
E1
A3
A1
(LHD)
(RHD)
(BAT)
(IG)

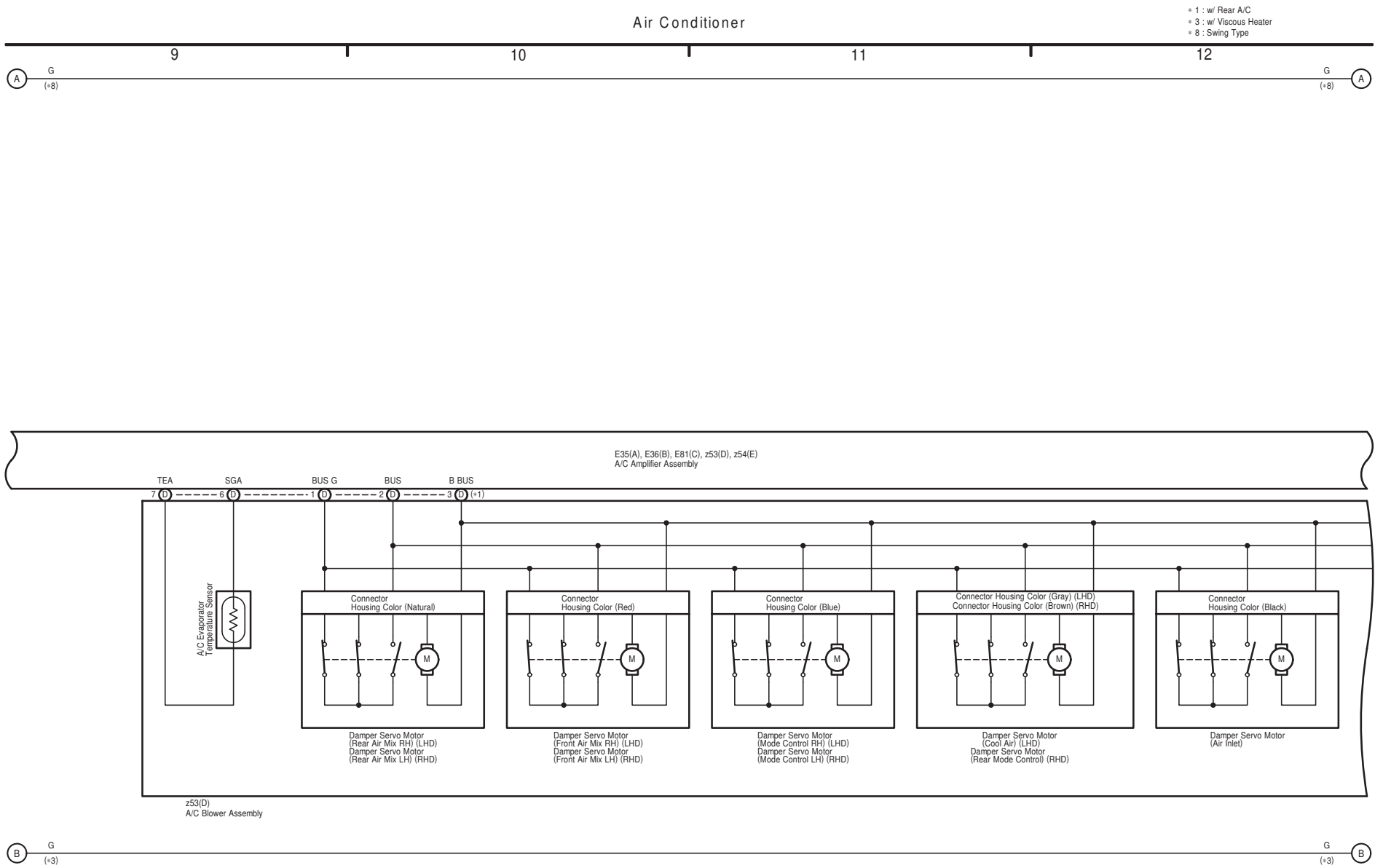
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Air Conditioner



M

(Cont. next page)



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Air Conditioner

* 1 : w/ Rear A/C
* 3 : w/ Viscous Heater
* 8 : Swing Type

13 14 15 16

A G (*8) — G (*8) A

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

BUS G 8 (D) — BUS 9 (D) — B BUS 10 (D) (*1)

Connector Housing Color (Green)
M
Damper Servo Motor (Mode Def Control) (RHD)

Connector Housing Color (Blue)
M
Damper Servo Motor (Mode Control LH) (LHD)
Damper Servo Motor (Mode Control RH) (RHD)

Connector Housing Color (Red)
M
Damper Servo Motor (Front Air Mix LH) (LHD)
Damper Servo Motor (Front Air Mix RH) (RHD)

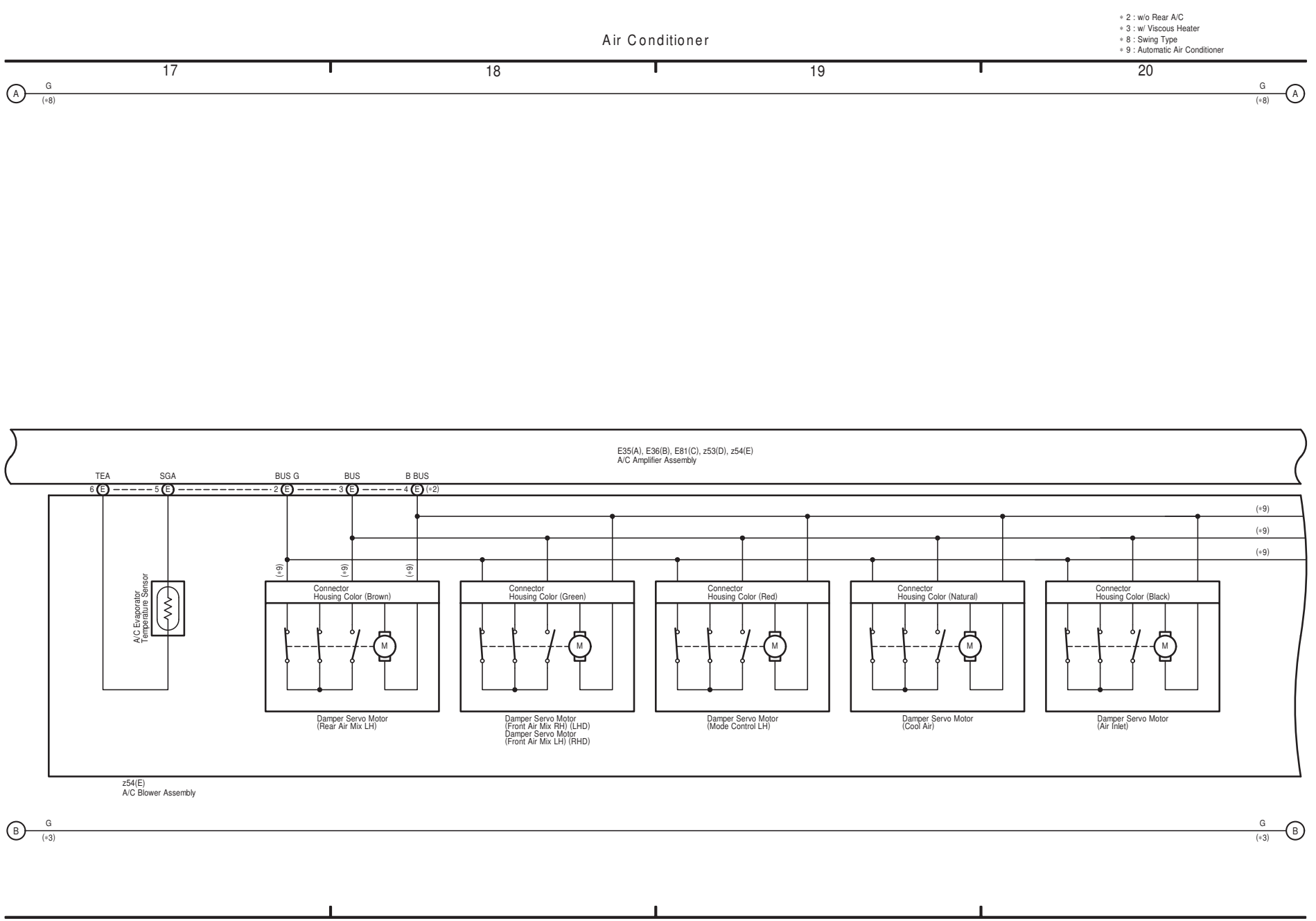
Connector Housing Color (Natural)
M
Damper Servo Motor (Rear Air Mix LH) (LHD)
Damper Servo Motor (Rear Air Mix RH) (RHD)

Connector Housing Color (Brown) (LHD)
Connector Housing Color (Gray) (RHD)
M
Damper Servo Motor (Rear Mode Control) (LHD)
Damper Servo Motor (Cool Air) (RHD)

z53(D)
A/C Blower Assembly

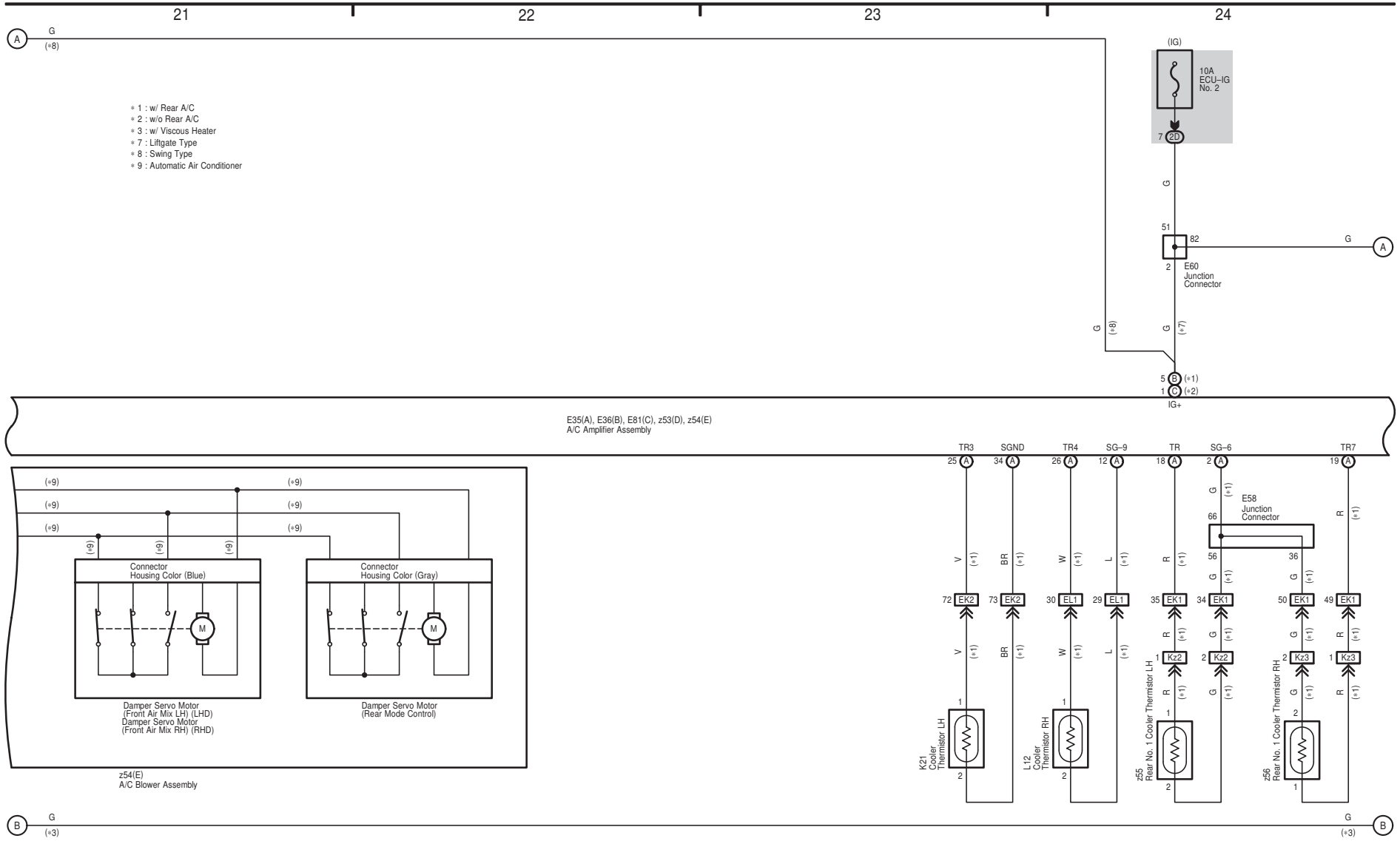
B G (*3) — G (*3) B

(Cont. next page)



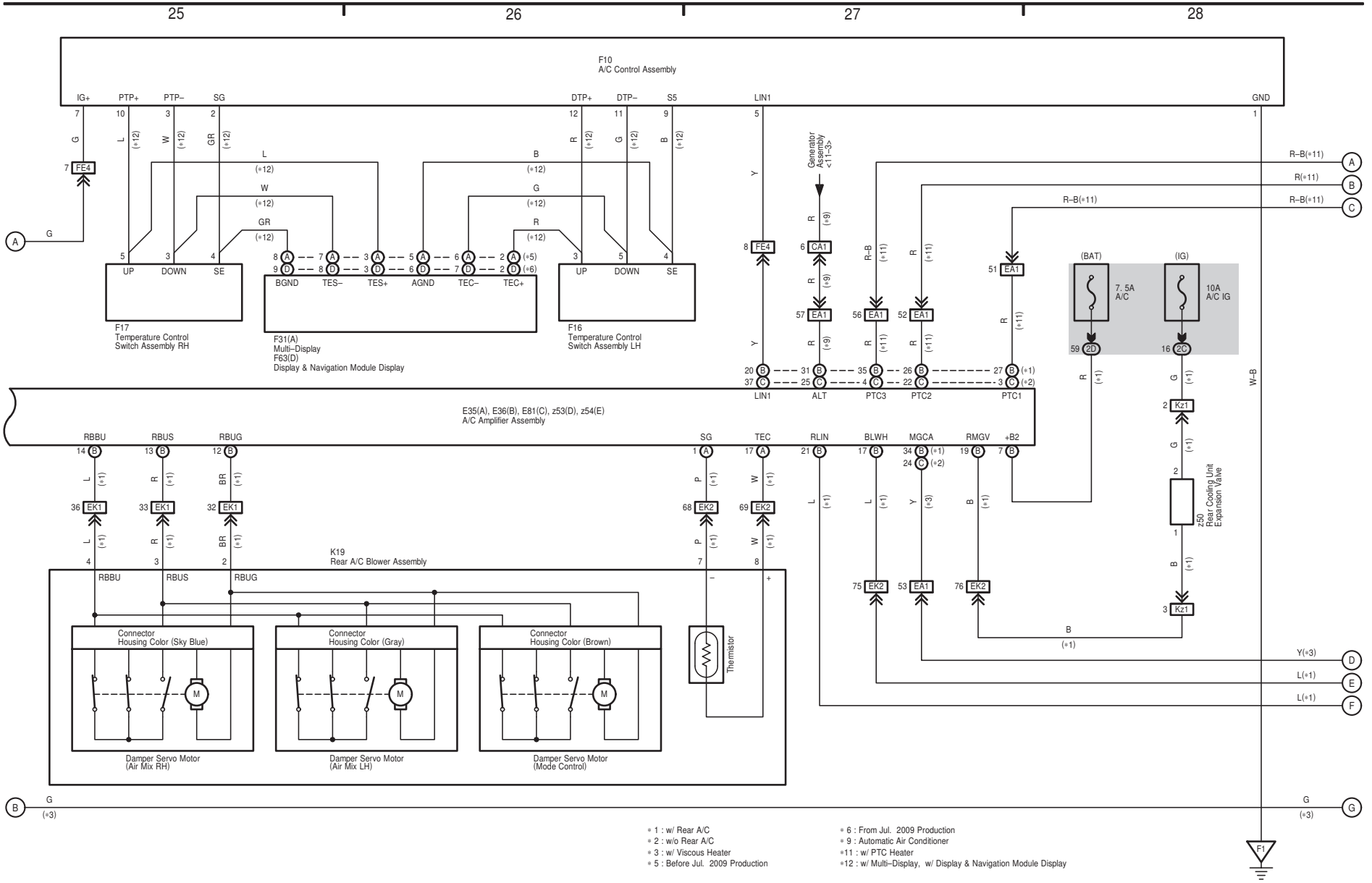
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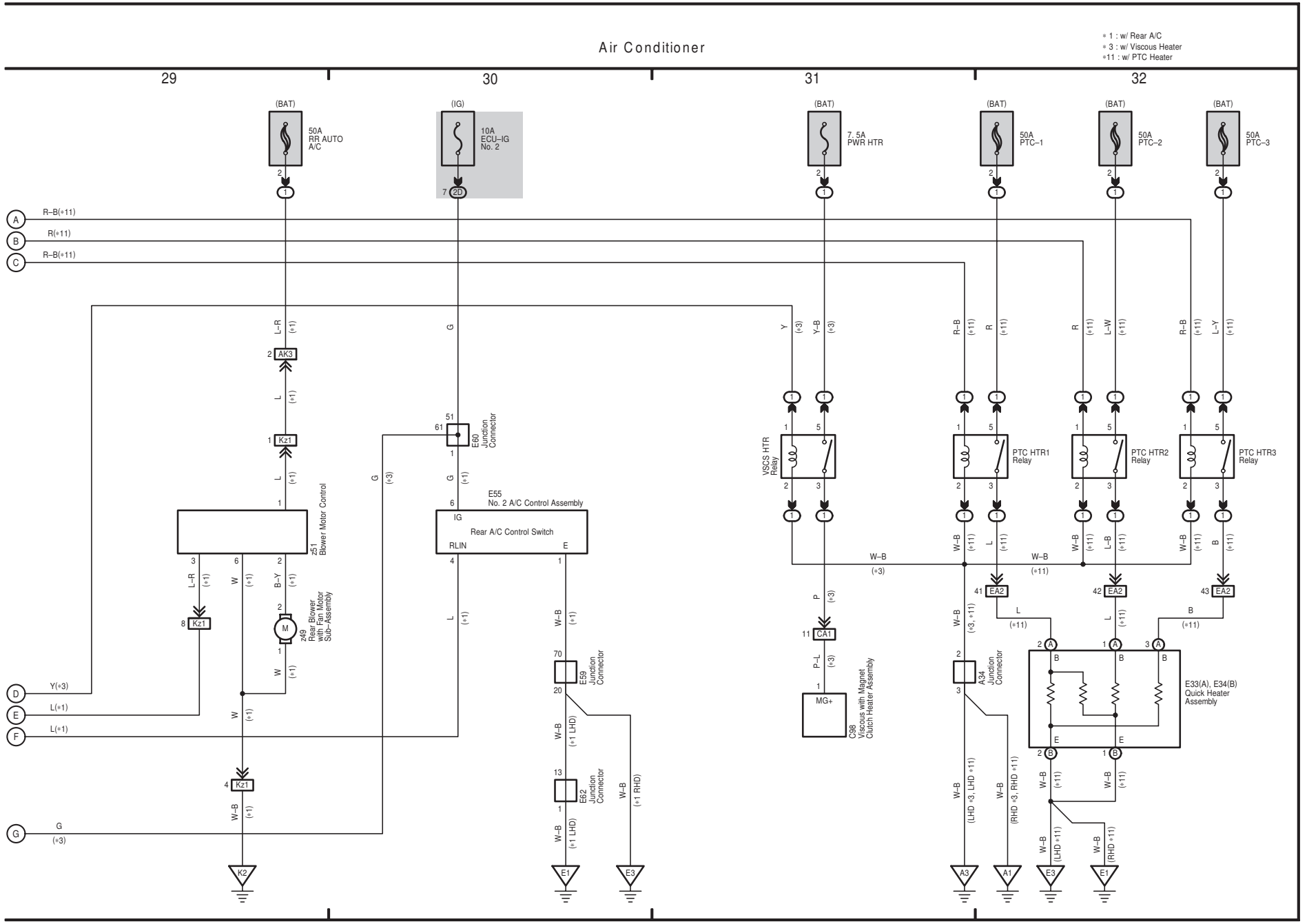
Air Conditioner

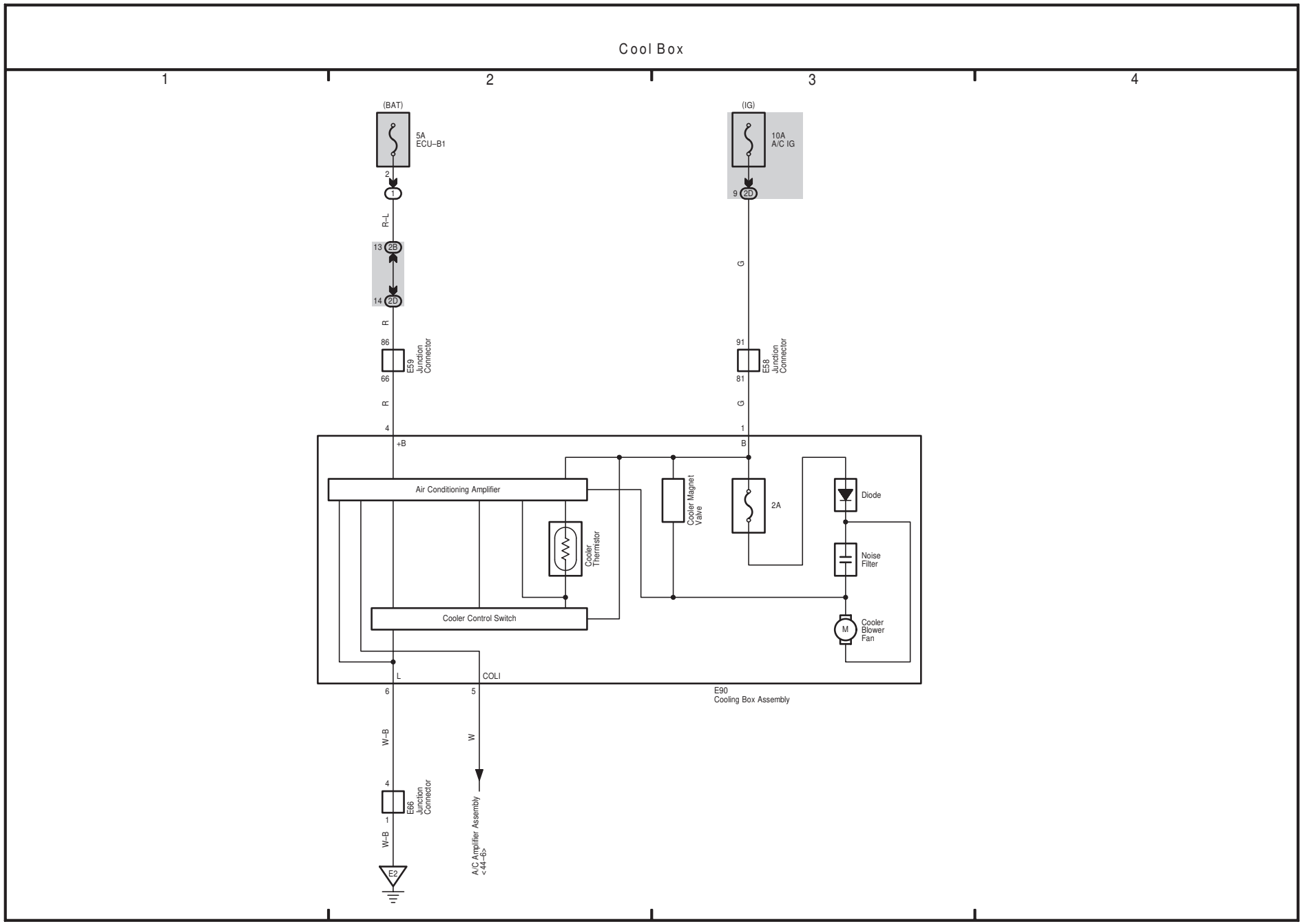


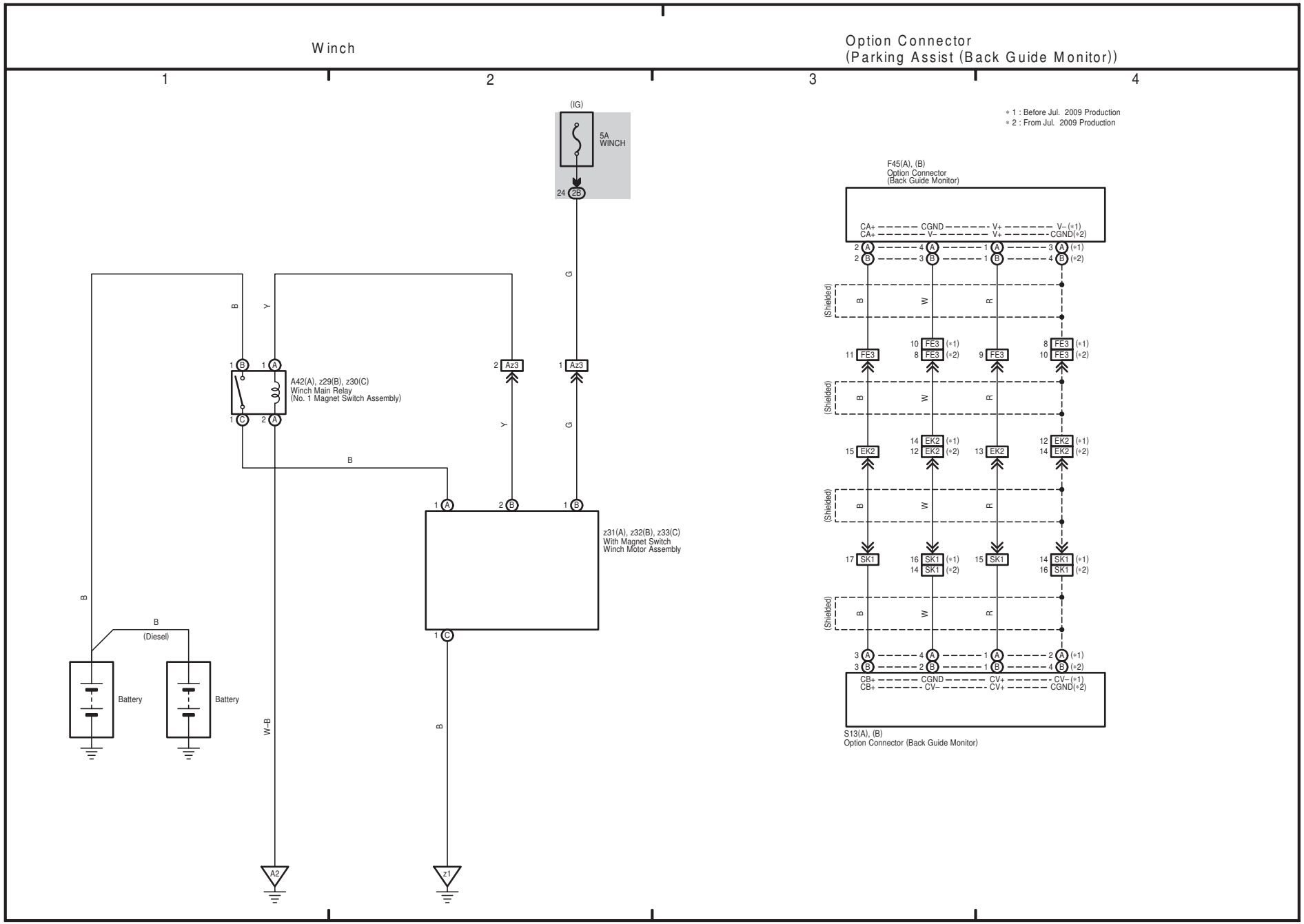
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Air Conditioner



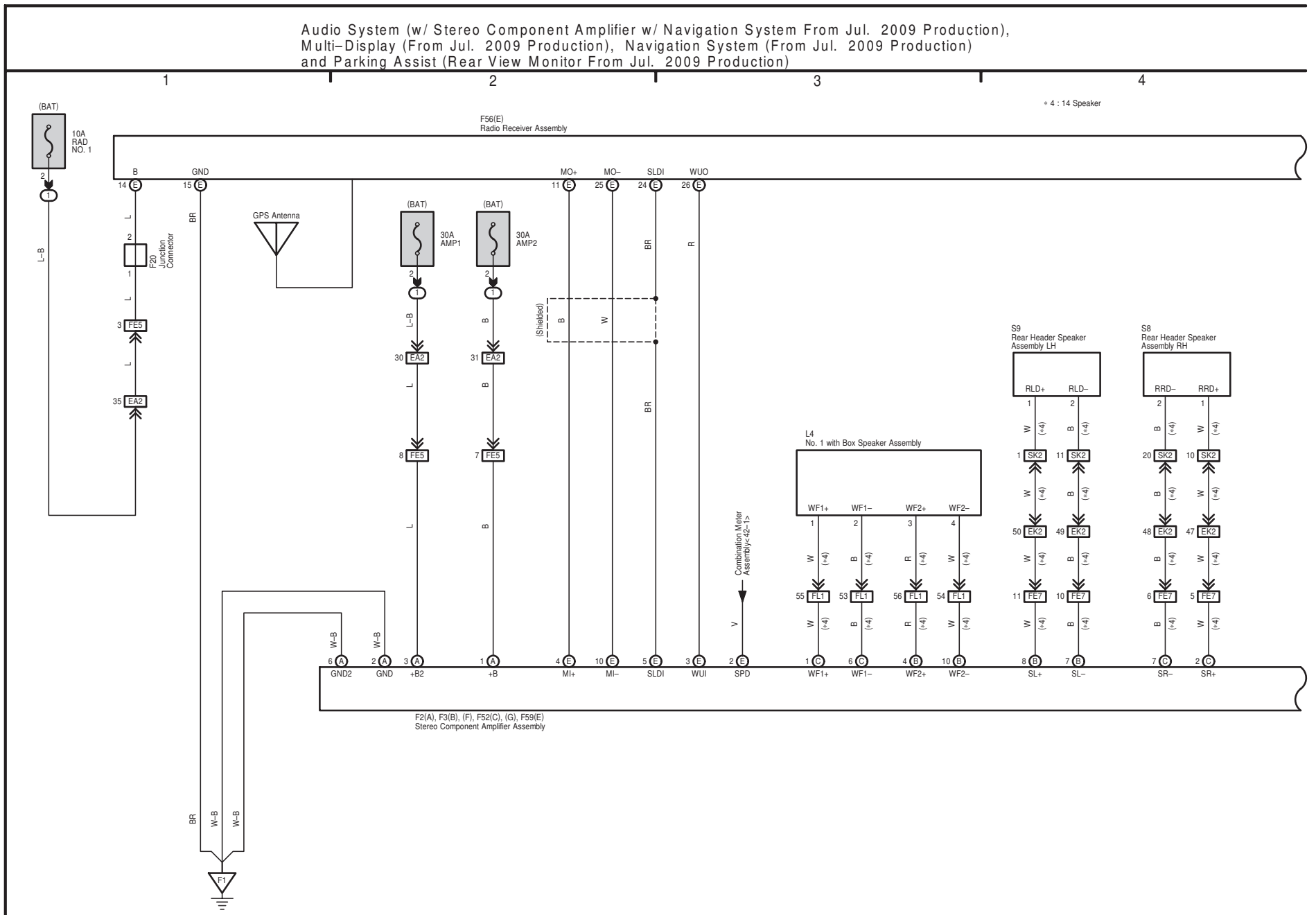

Air Conditioner
* 1 : w/ Rear A/C
* 3 : w/ Viscous Heater
*11 : w/ PTC Heater
29
30
31
32
(BAT)
50A RR AUTO A/C
(IG)
10A ECU–IG No. 2
7. 5A PWR HTR
50A PTC–1
50A PTC–2
50A PTC–3
R–B(*11)
R(*11)
R–B(*11)
Y(*3)
L(*1)
L(*1)
G
(*3)
AK3
Kz1
z51 Blower Motor Control
z49 Rear Blower with Fan Motor Sub–Assembly
E60 Junction Connector
E55 No. 2 A/C Control Assembly
IG
Rear A/C Control Switch
RLIN
E
E59 Junction Connector
E62 Junction Connector
(*1 LHD)
(*1 RHD)
VSCS HTR Relay
PTC HTR1 Relay
PTC HTR2 Relay
PTC HTR3 Relay
EA2
CA1
MG+
C98 Viscous with Magnet Clutch Heater Assembly
A34 Junction Connector
E33(A), E34(B) Quick Heater Assembly
K2
E1
E3
A3
A1


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
COLI
6
5
E90
Cooling Box Assembly
W–B
W
4
E66
Junction
Connector
1
W–B
E2
A/C Amplifier Assembly
<44–6>

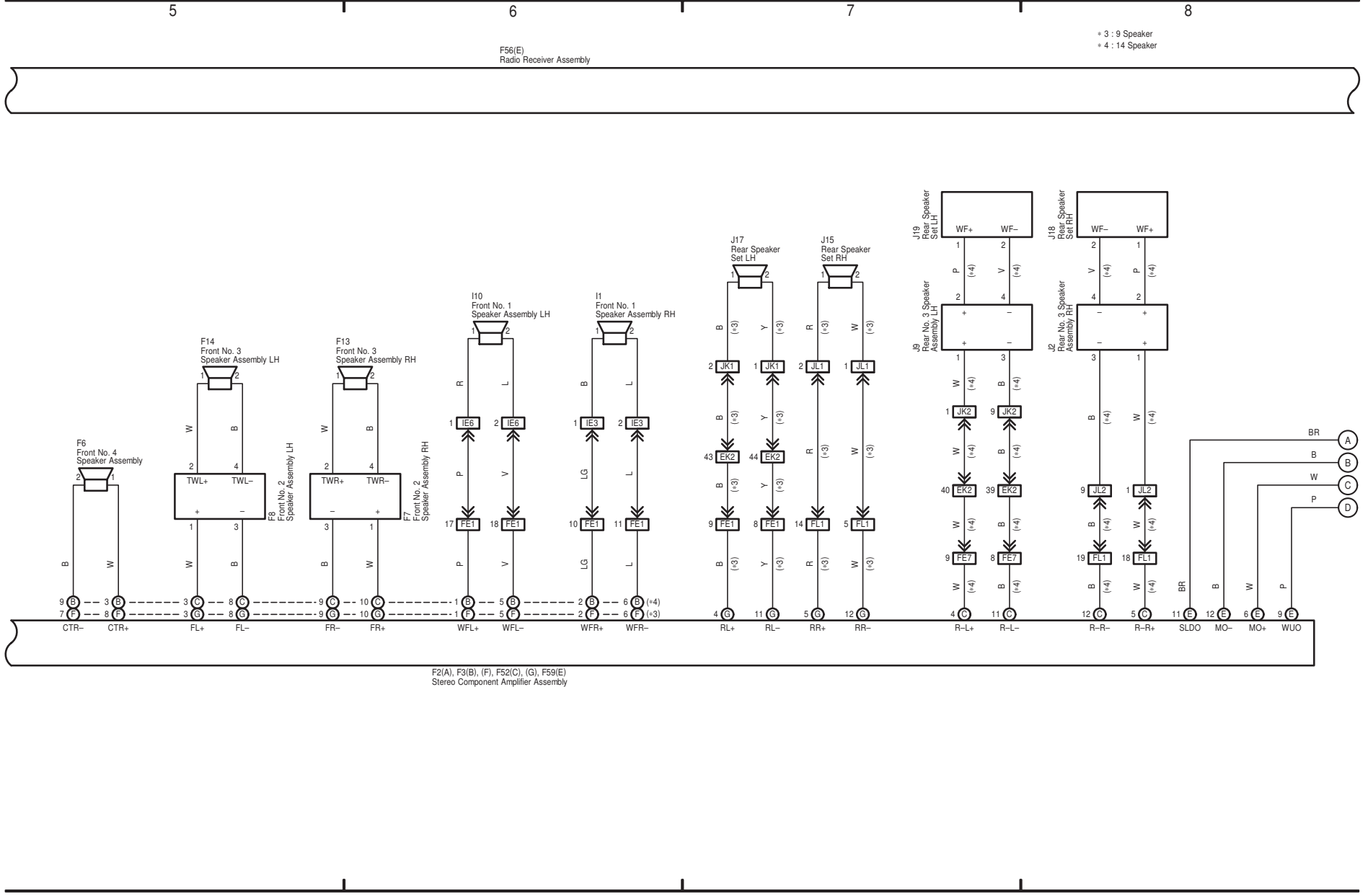

Winch
Option Connector
(Parking Assist (Back Guide Monitor))
1
2
3
4
(IG)
5A
WINCH
24 2B
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
F45(A), (B)
Option Connector
(Back Guide Monitor)
CA+ CGND V+ V–(*1)
CA+ V– V+ CGND(*2)
2 A 4 A 1 A 3 A (*1)
2 B 3 B 1 B 4 B (*2)
(Shielded)
B W R
11 FE3
10 FE3 (*1)
8 FE3 (*2)
9 FE3
8 FE3 (*1)
10 FE3 (*2)
15 EK2
14 EK2 (*1)
12 EK2 (*2)
13 EK2
12 EK2 (*1)
14 EK2 (*2)
17 SK1
16 SK1 (*1)
14 SK1 (*2)
15 SK1
14 SK1 (*1)
16 SK1 (*2)
3 A 4 A 1 A 2 A (*1)
3 B 2 B 1 B 4 B (*2)
CB+ CGND CV+ CV–(*1)
CB+ CV– CV+ CGND(*2)
S13(A), (B)
Option Connector (Back Guide Monitor)
B
Y
G
1 B 1 A
2 Az3
1 Az3
A42(A), z29(B), z30(C)
Winch Main Relay
(No. 1 Magnet Switch Assembly)
1 C 2 A
B
1 A 2 B 1 B
z31(A), z32(B), z33(C)
With Magnet Switch
Winch Motor Assembly
1 C
B
(Diesel)
Battery
Battery
W–B
A2
z1

(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)



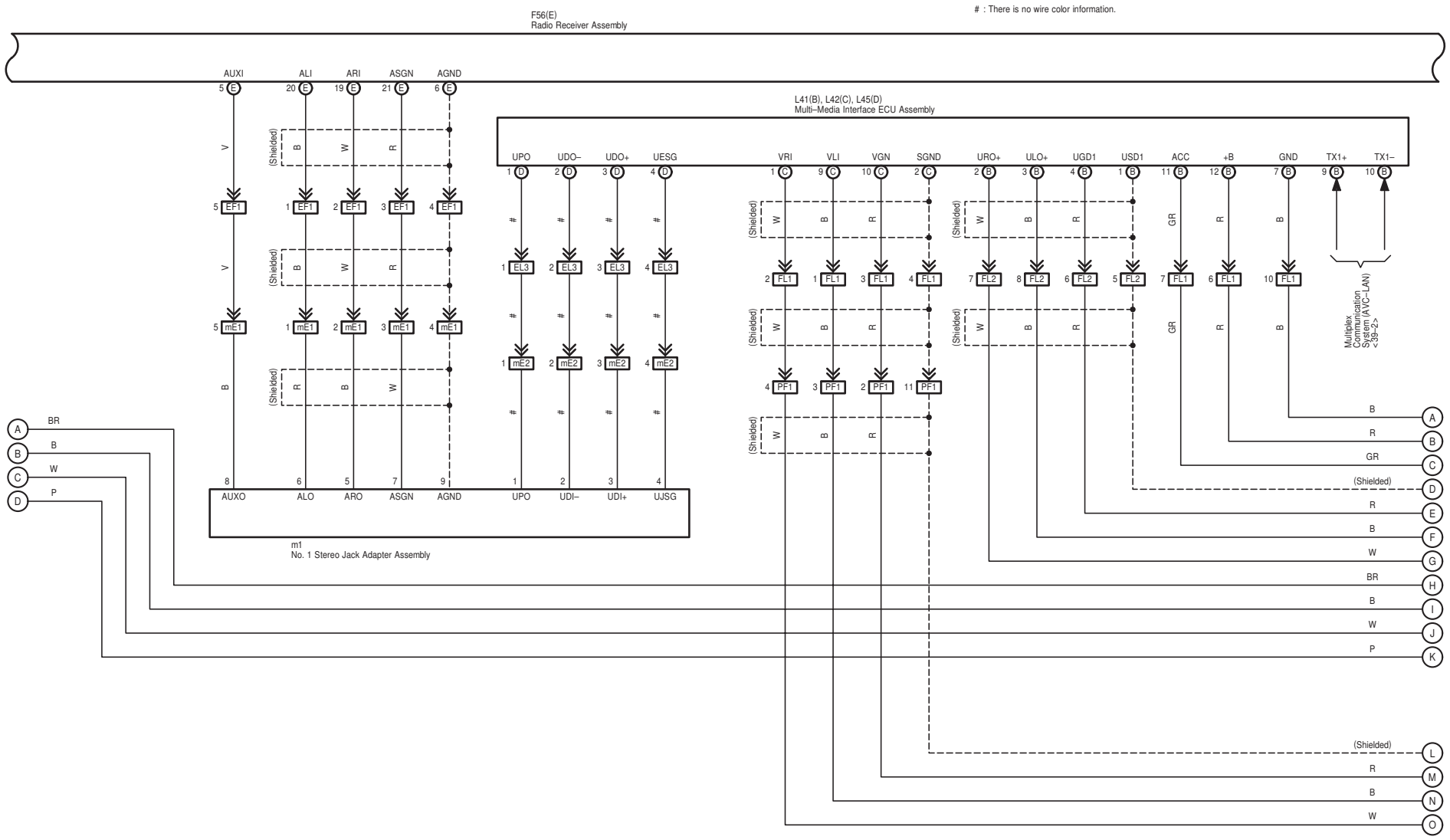
Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



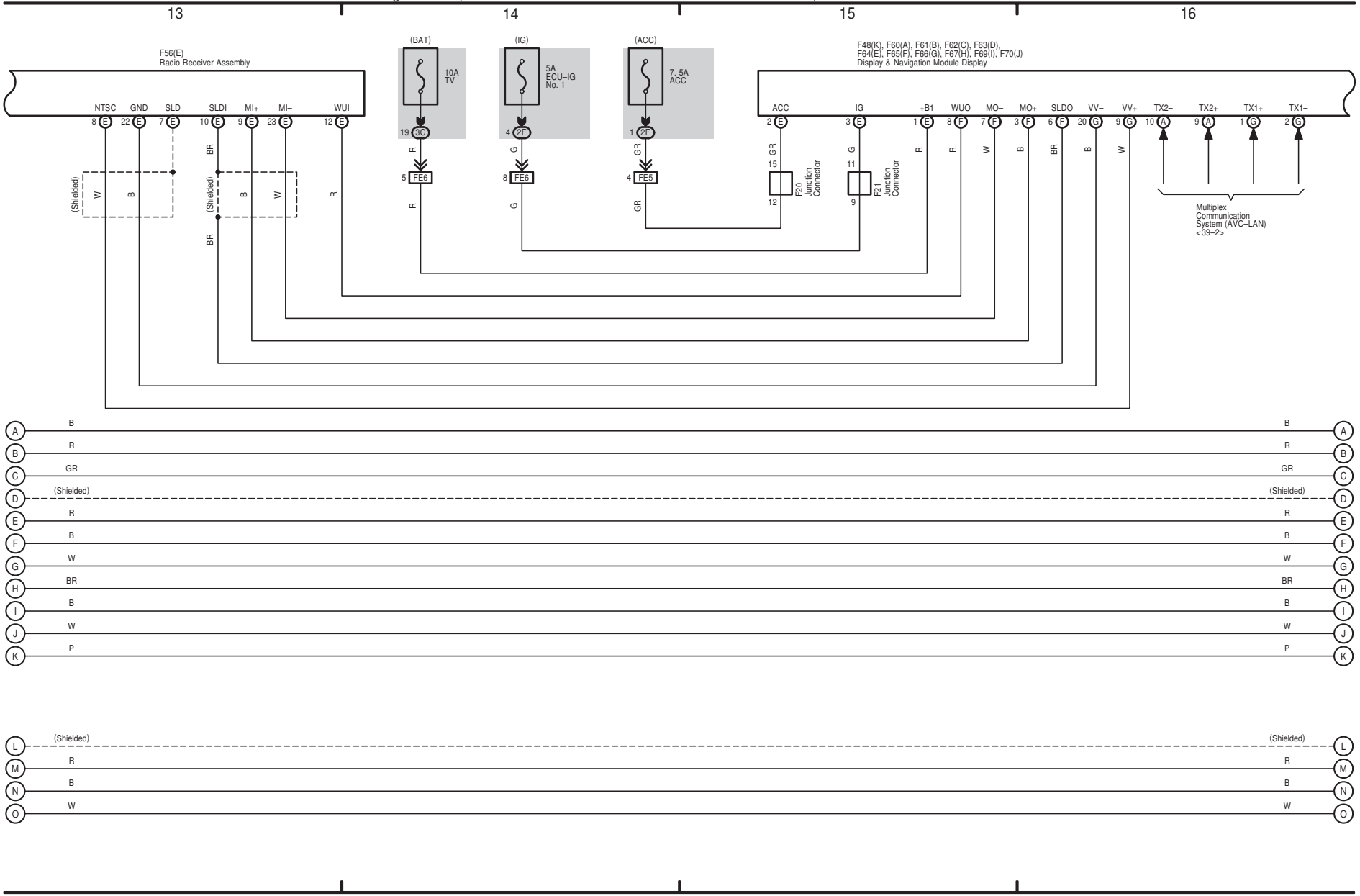
47 LAND CRUISER Station Wagon (Cont' d)

(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)

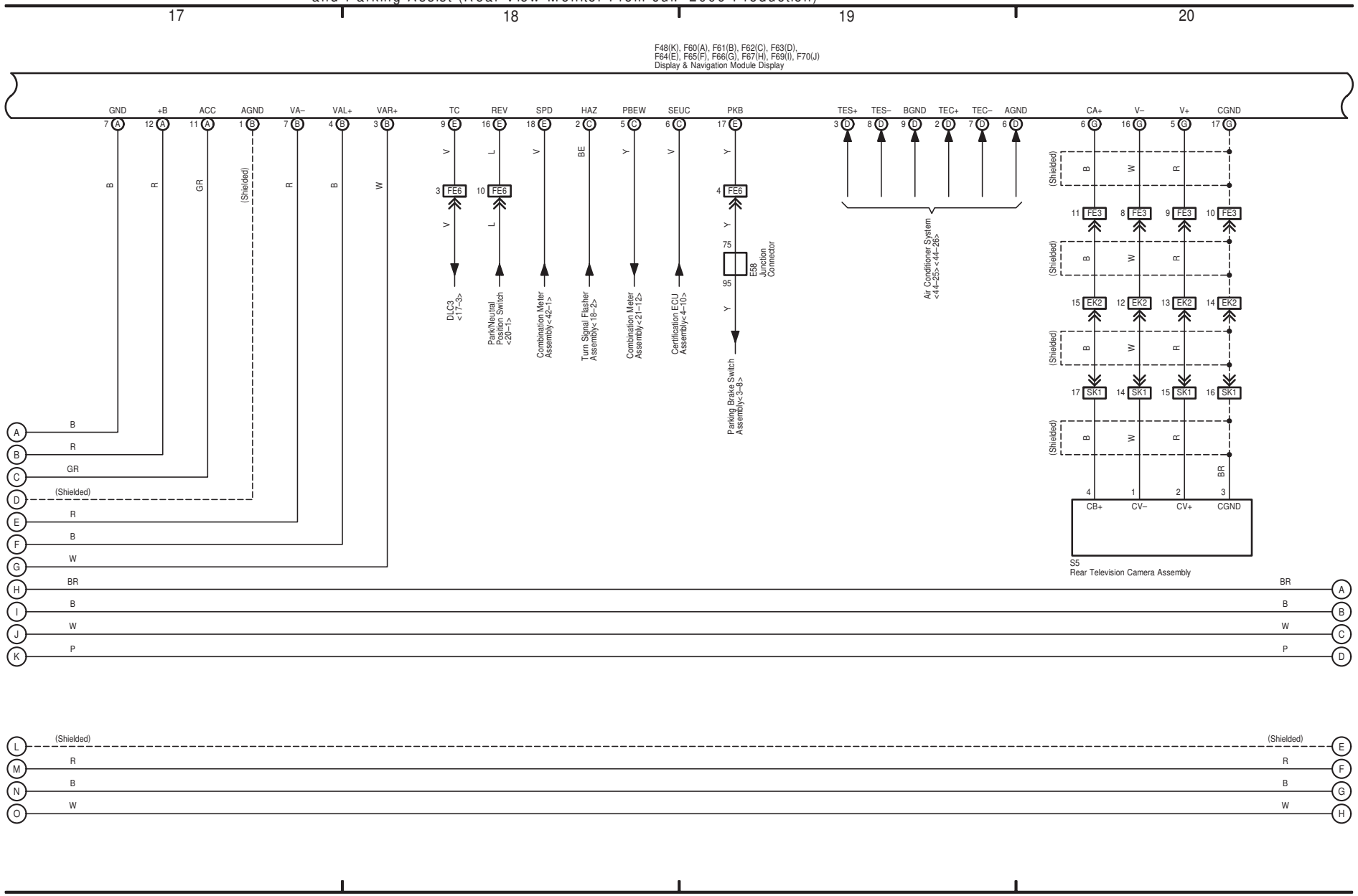


Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



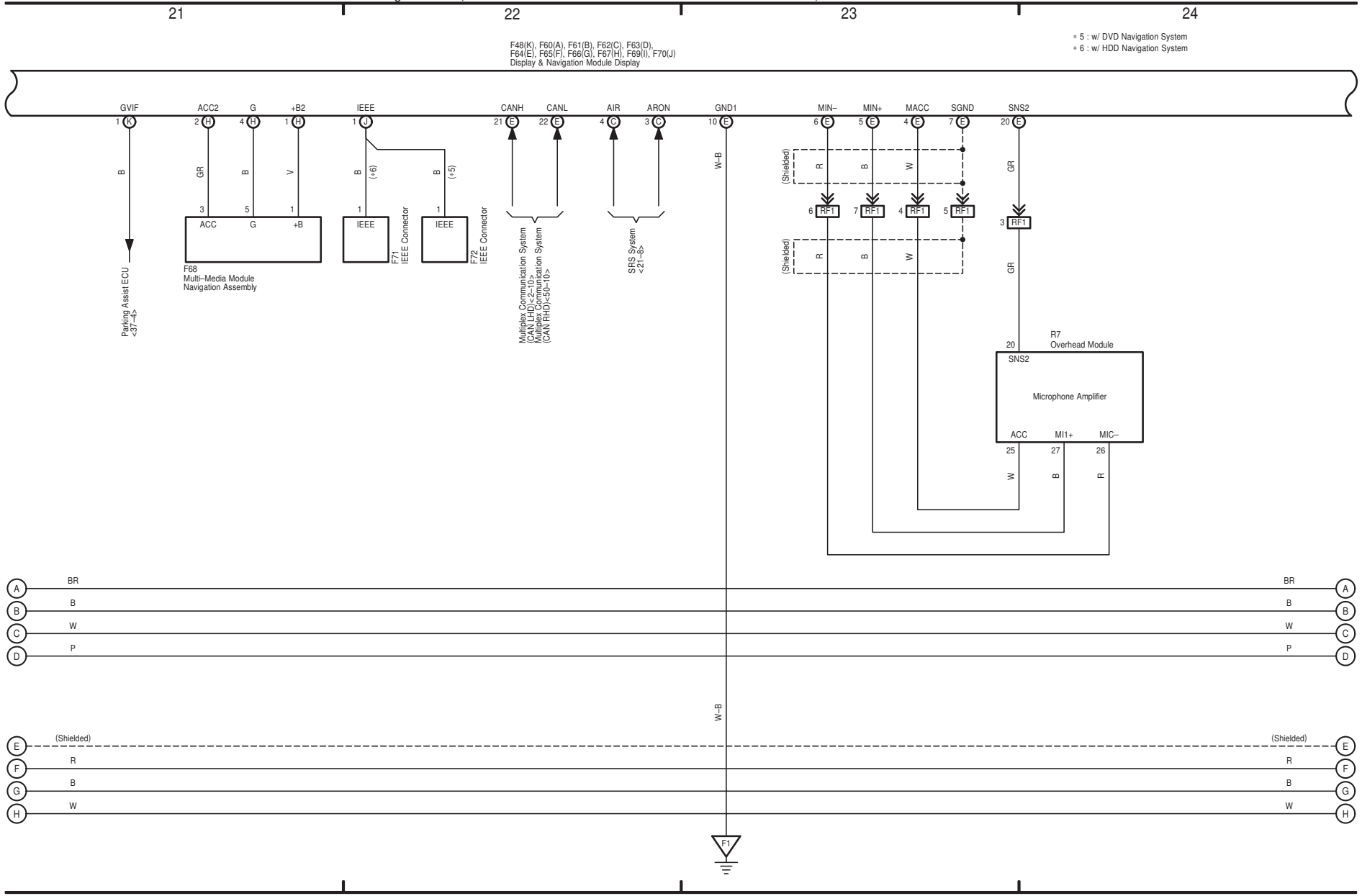
(Cont. next page)

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)



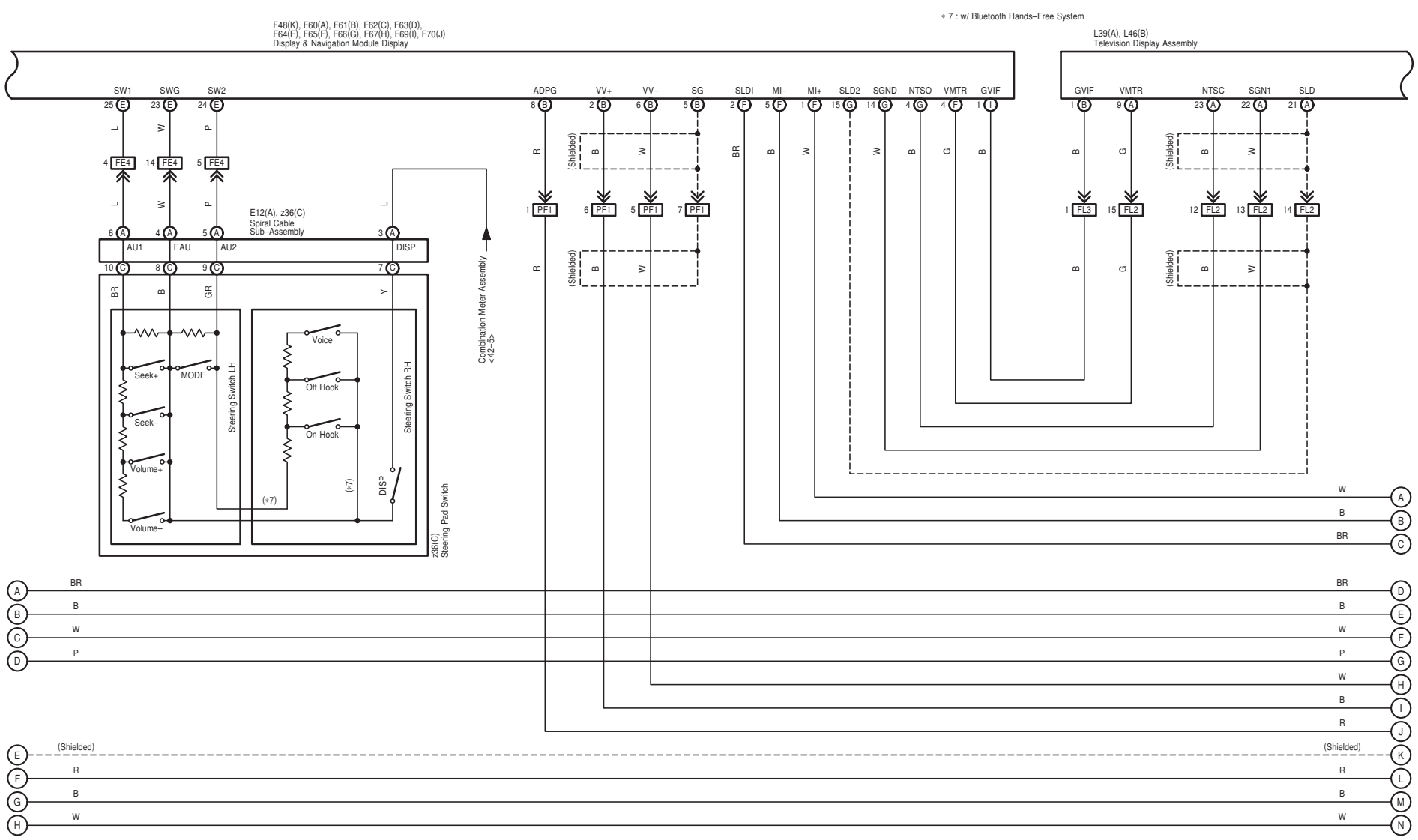
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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)



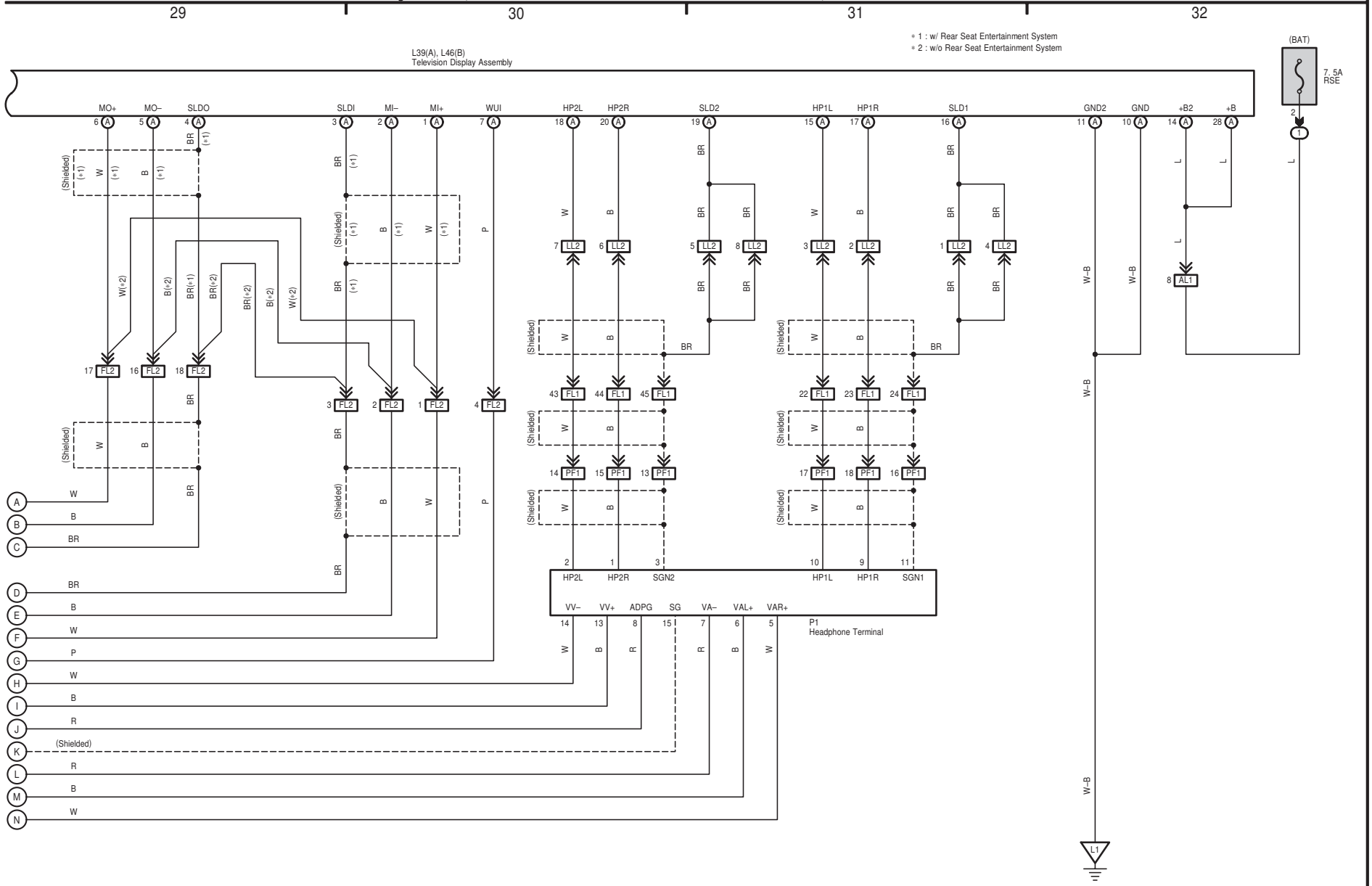
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Audio System (w/ Stereo Component Amplifier w/ Navigation System From Jul. 2009 Production), Multi–Display (From Jul. 2009 Production), Navigation System (From Jul. 2009 Production) and Parking Assist (Rear View Monitor From Jul. 2009 Production)

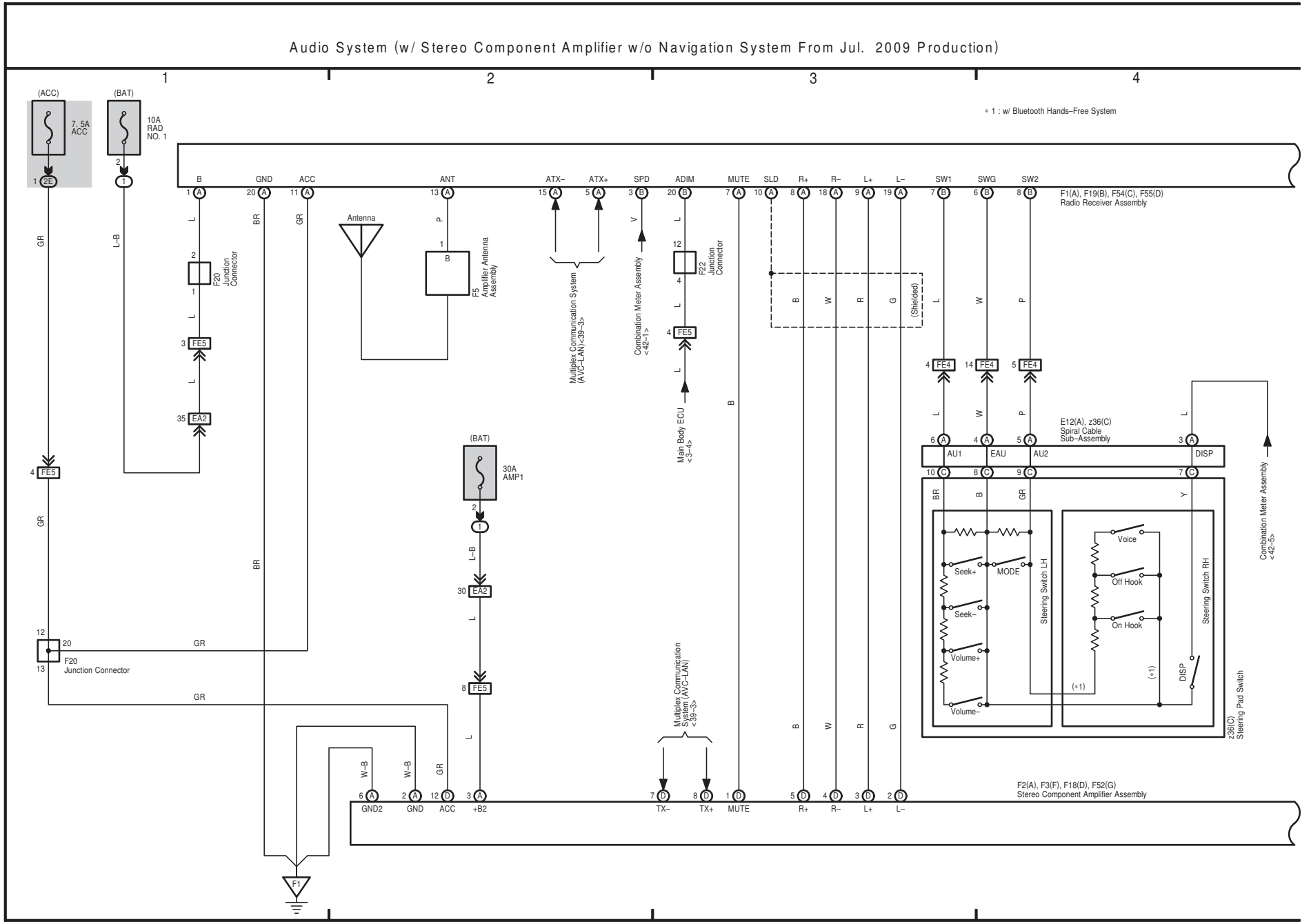


47 LAND CRUISER Station Wagon (Cont' d)

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)

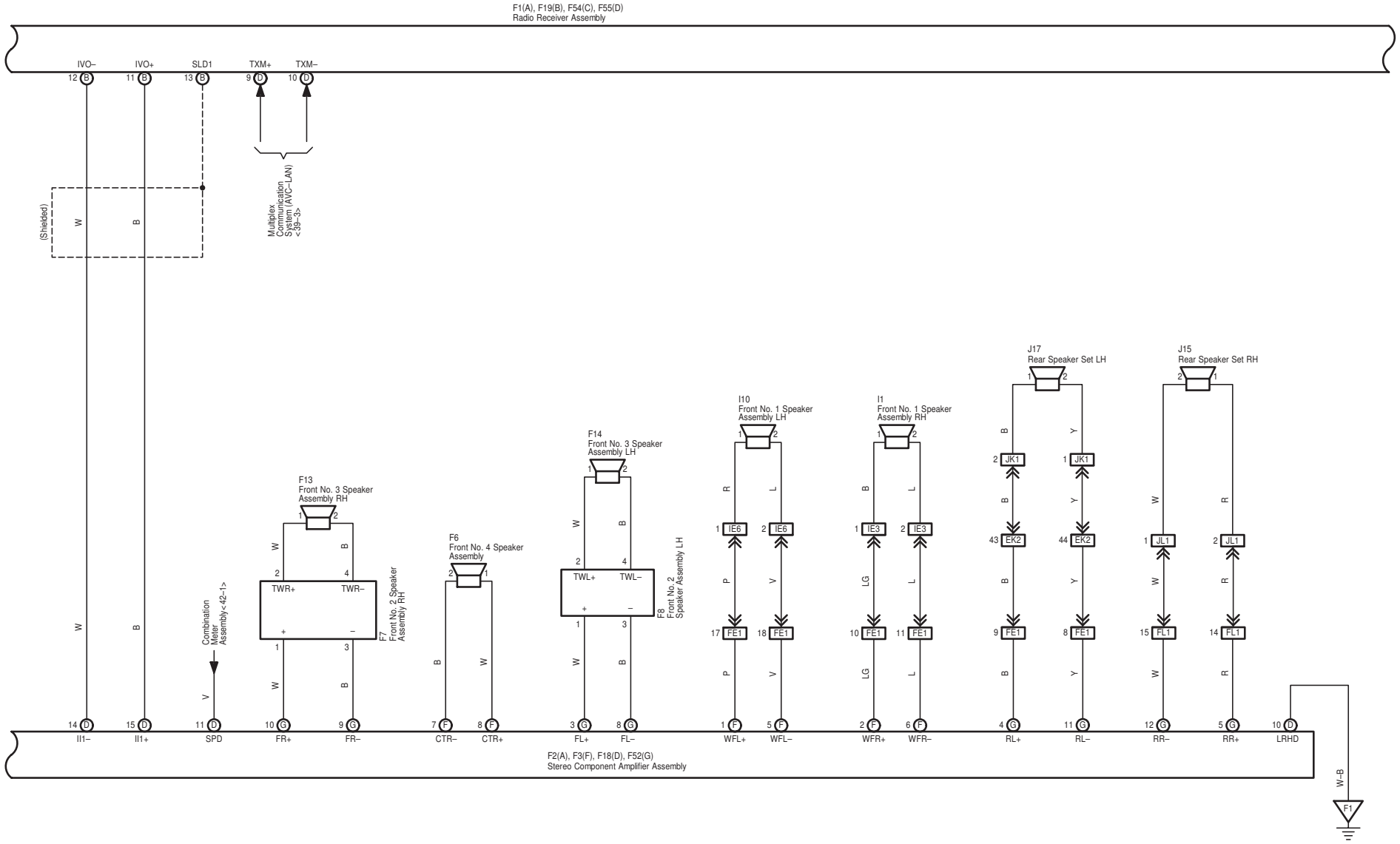


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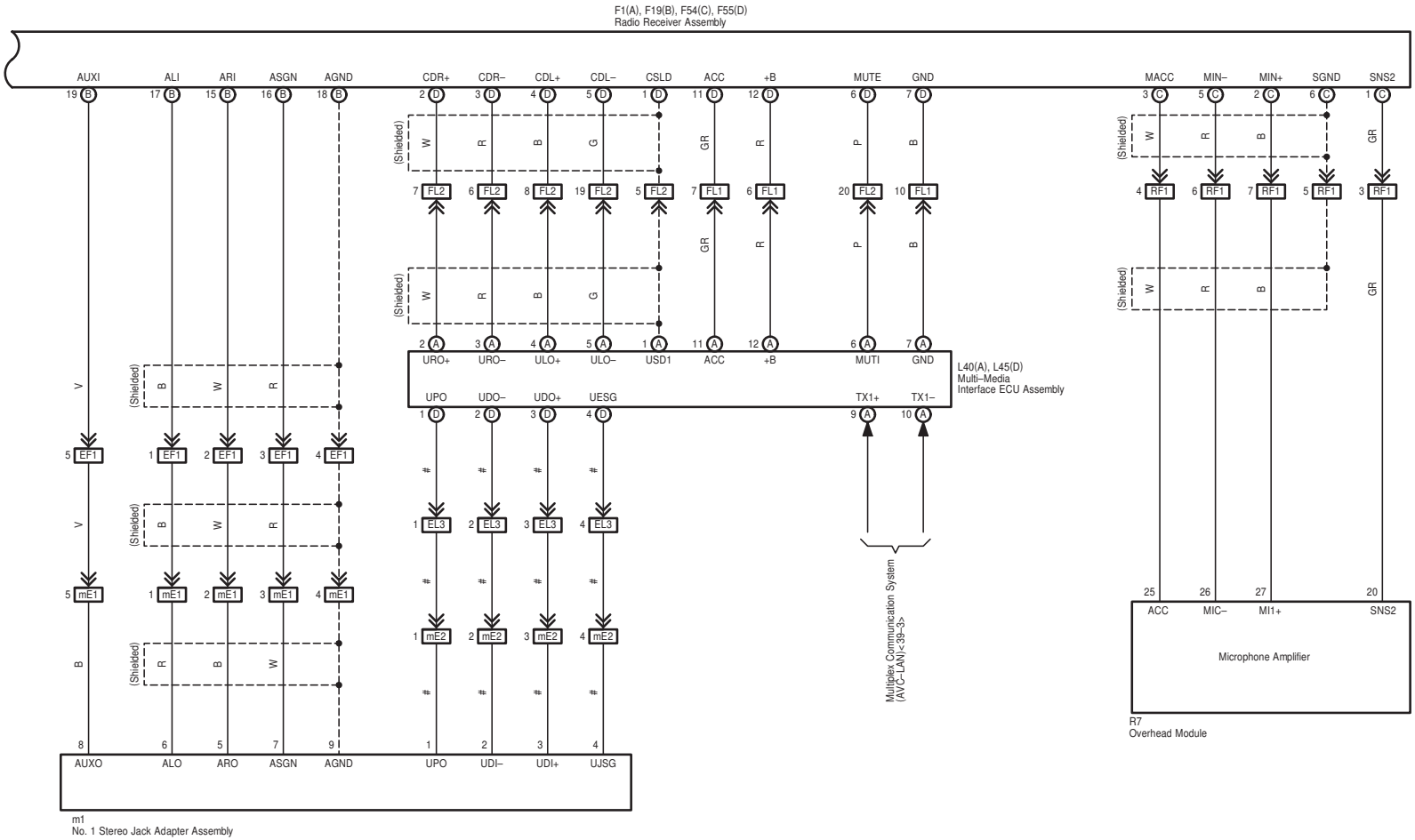


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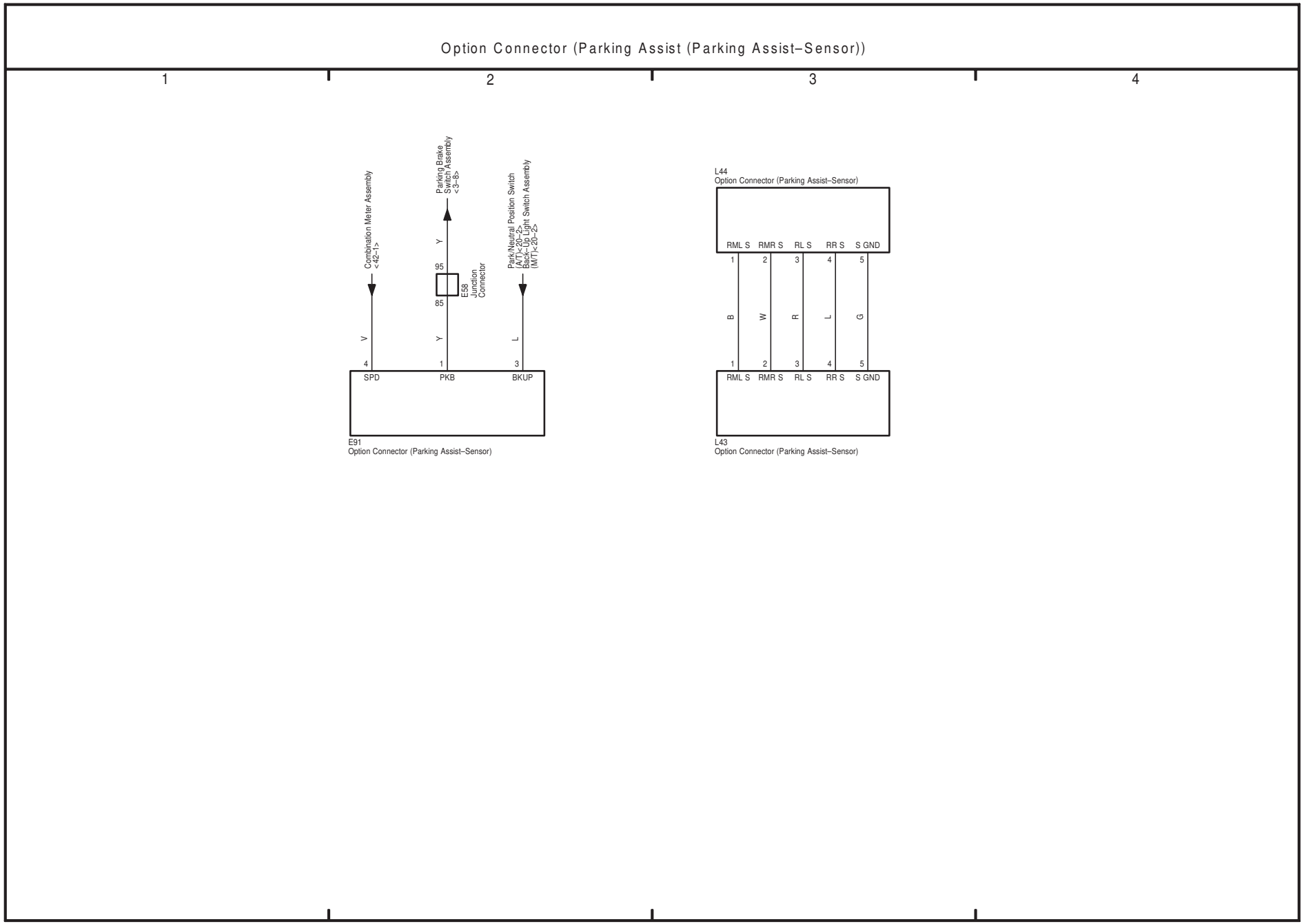
Audio System (w/ Stereo Component Amplifier w/o Navigation System From Jul. 2009 Production)



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



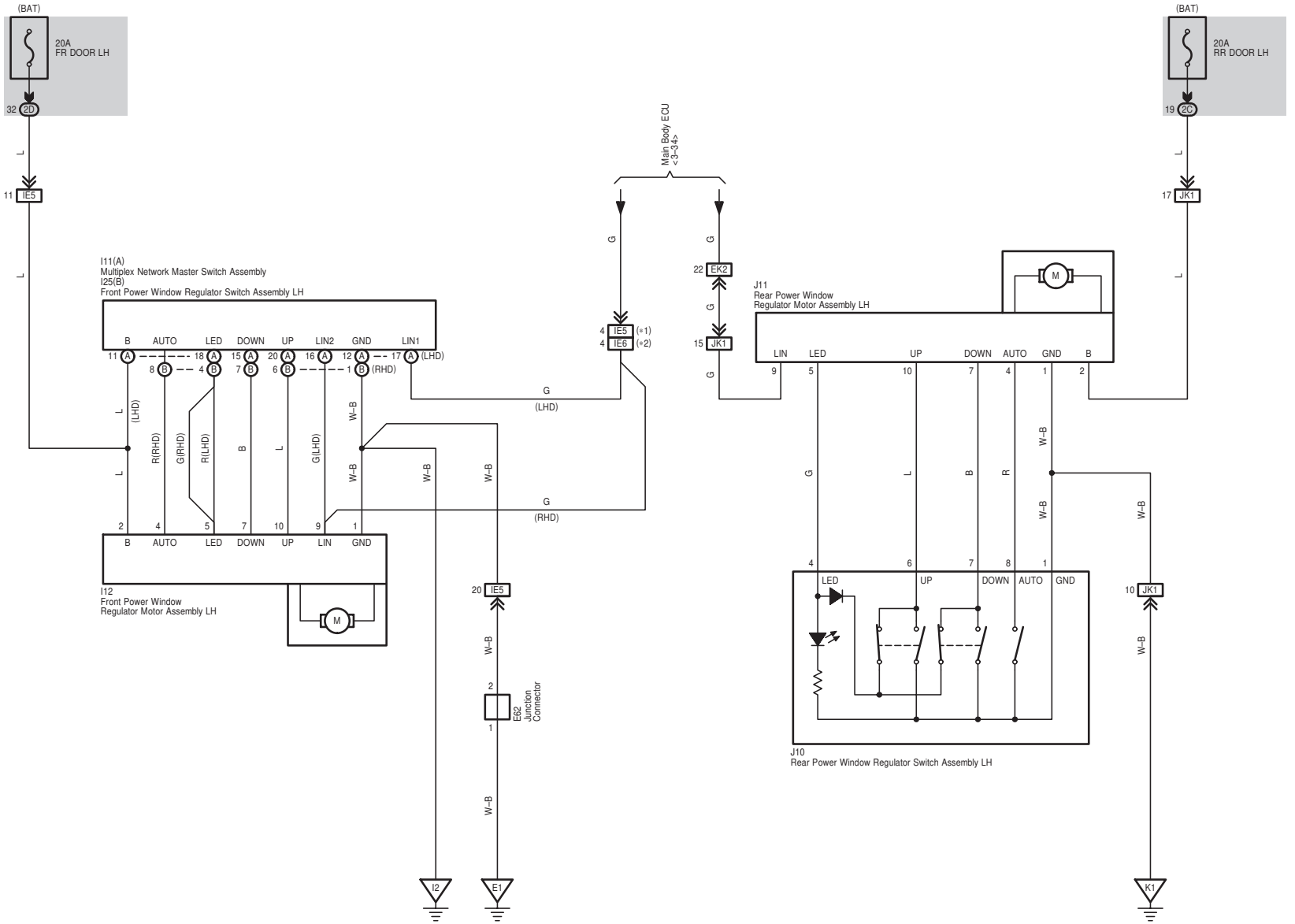
: There is no wire color information.


Option Connector (Parking Assist (Parking Assist–Sensor))
1
2
3
4
Combination Meter Assembly
<42–1>
Parking Brake
Switch Assembly
<3–8>
Park/Neutral Position Switch
(A/T)<C–10–2>
Back–Up Light Switch Assembly
(M/T)<20–2>
V
Y
Y
L
4
95
85
1
3
E58
Junction
Connector
SPD
PKB
BKUP
E91
Option Connector (Parking Assist–Sensor)
L44
Option Connector (Parking Assist–Sensor)
RML S
RMR S
RL S
RR S
S GND
1
2
3
4
5
B
W
R
L
G
L43
Option Connector (Parking Assist–Sensor)

(Cont. next page)

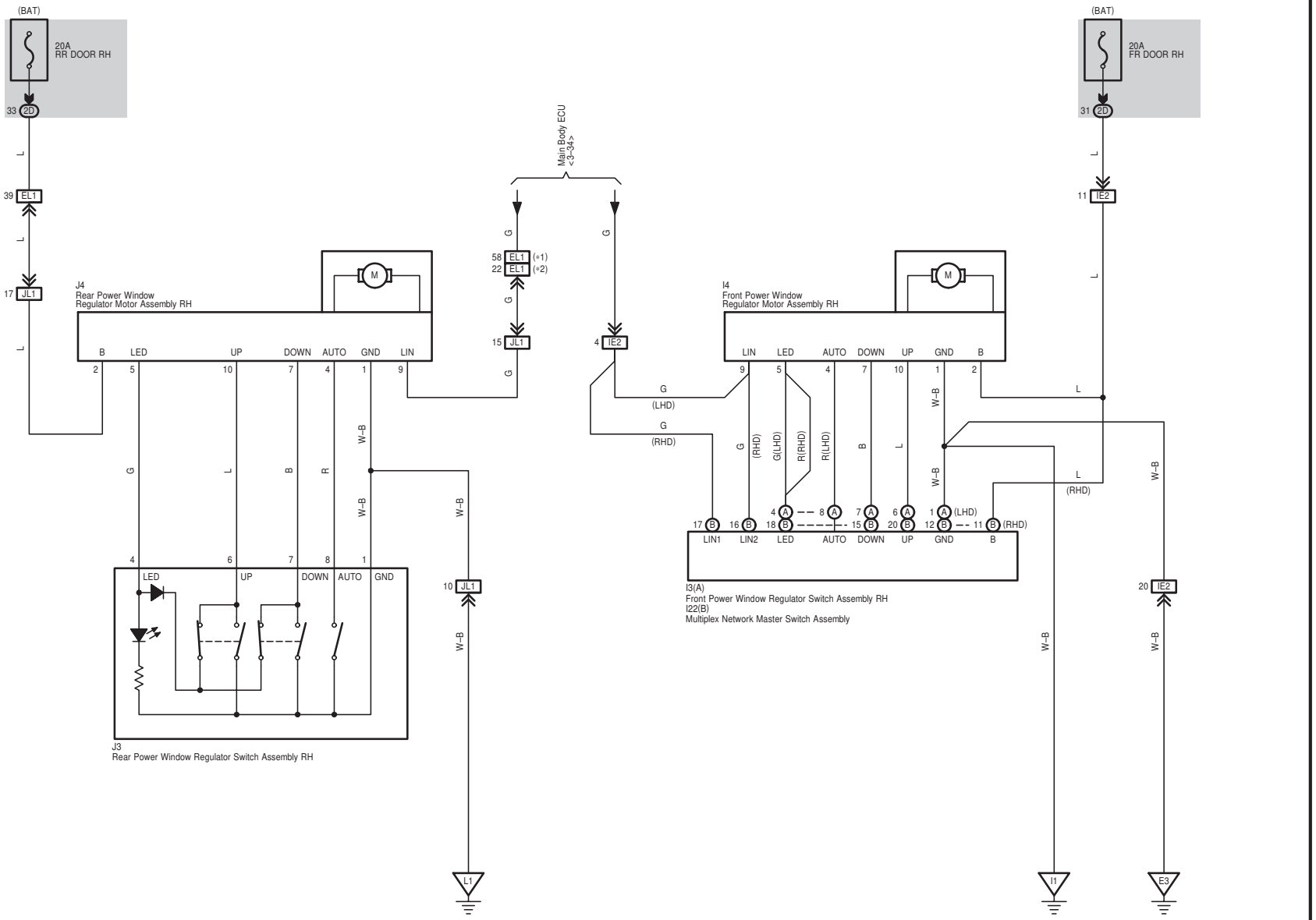
Power Window (All Door Jam Protection)

* 1 : Liftgate Type
* 2 : Swing Type



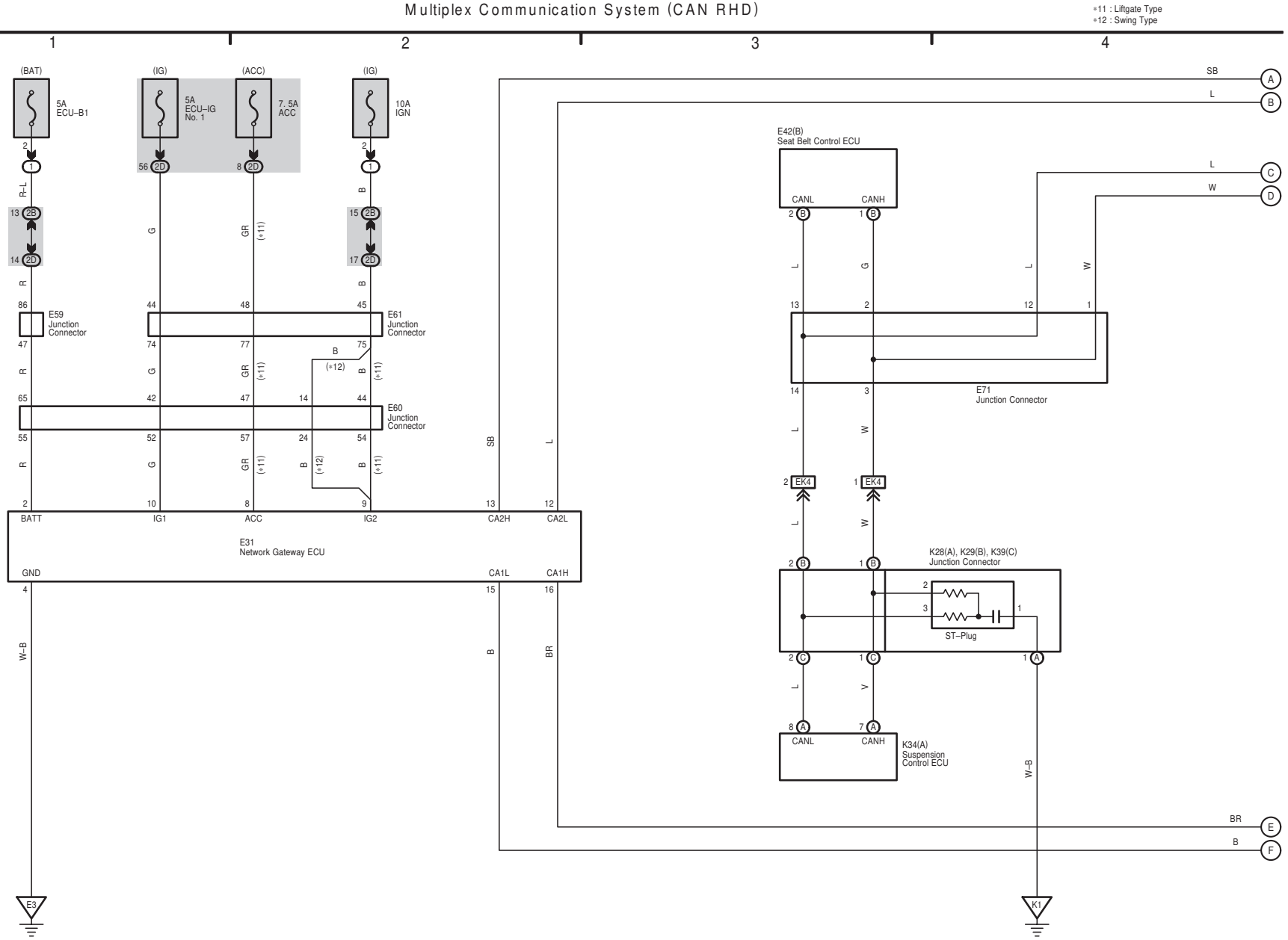
Power Window (All Door Jam Protection)

* 1 : Liftgate Type
* 2 : Swing Type



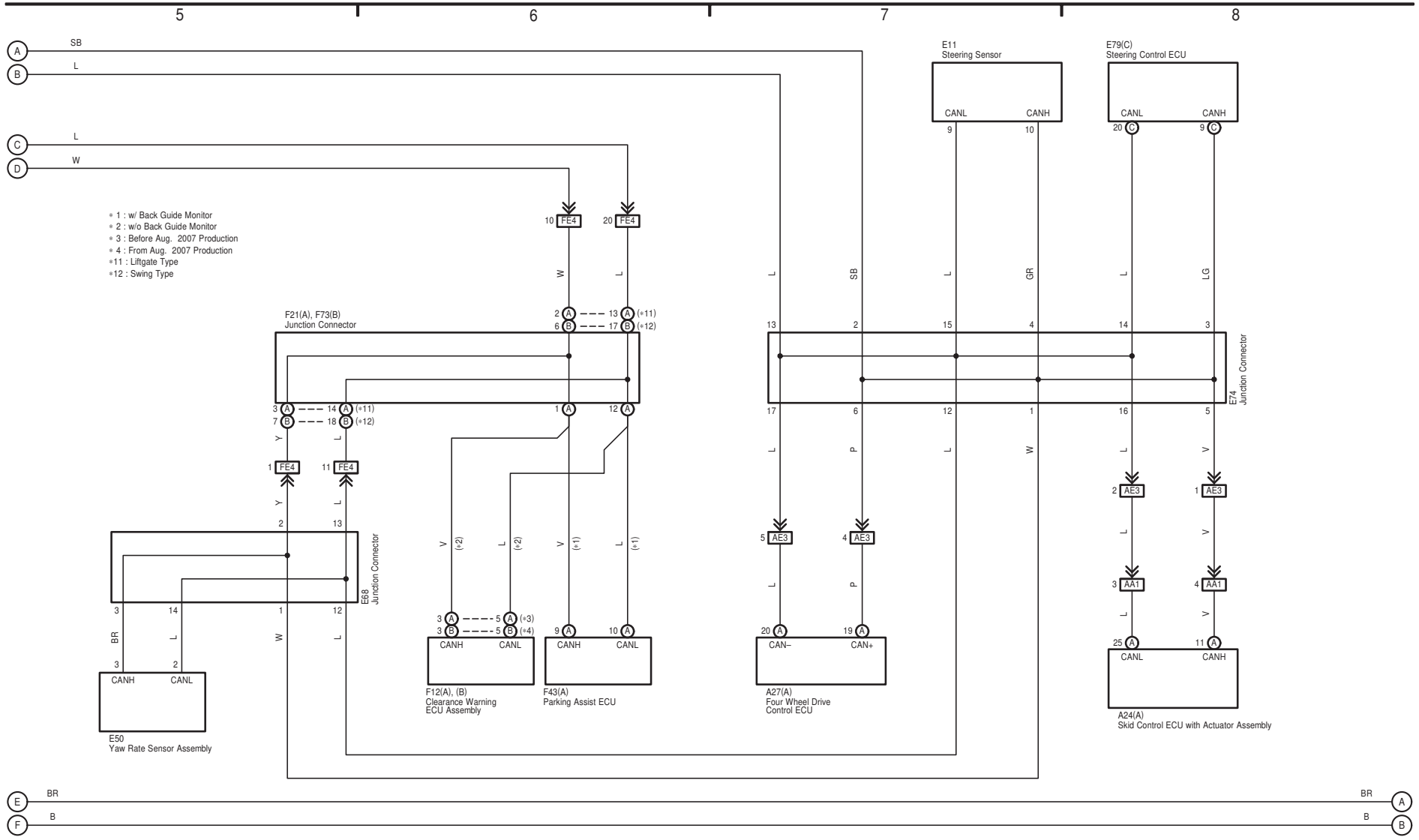
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Multiplex Communication System (CAN RHD)



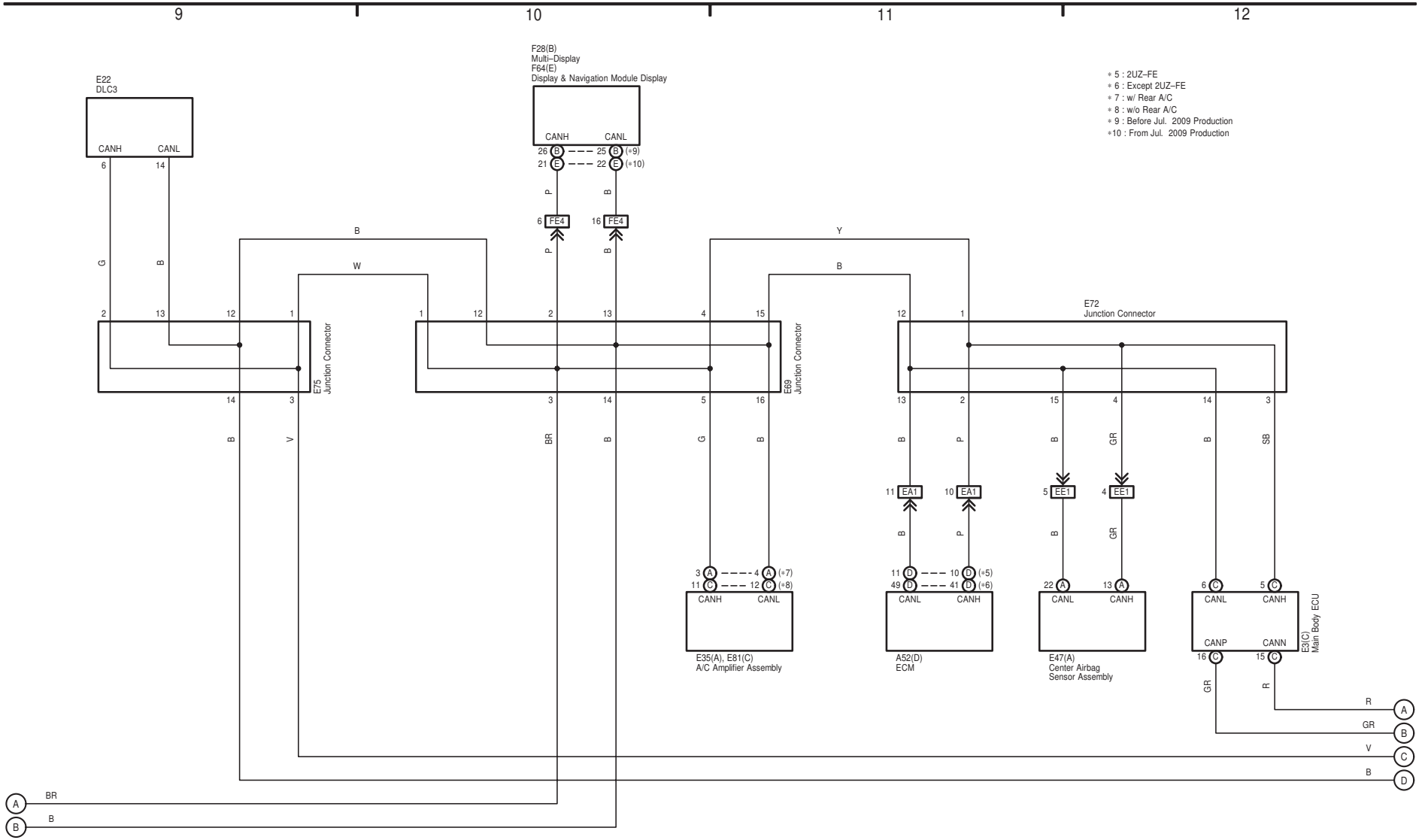
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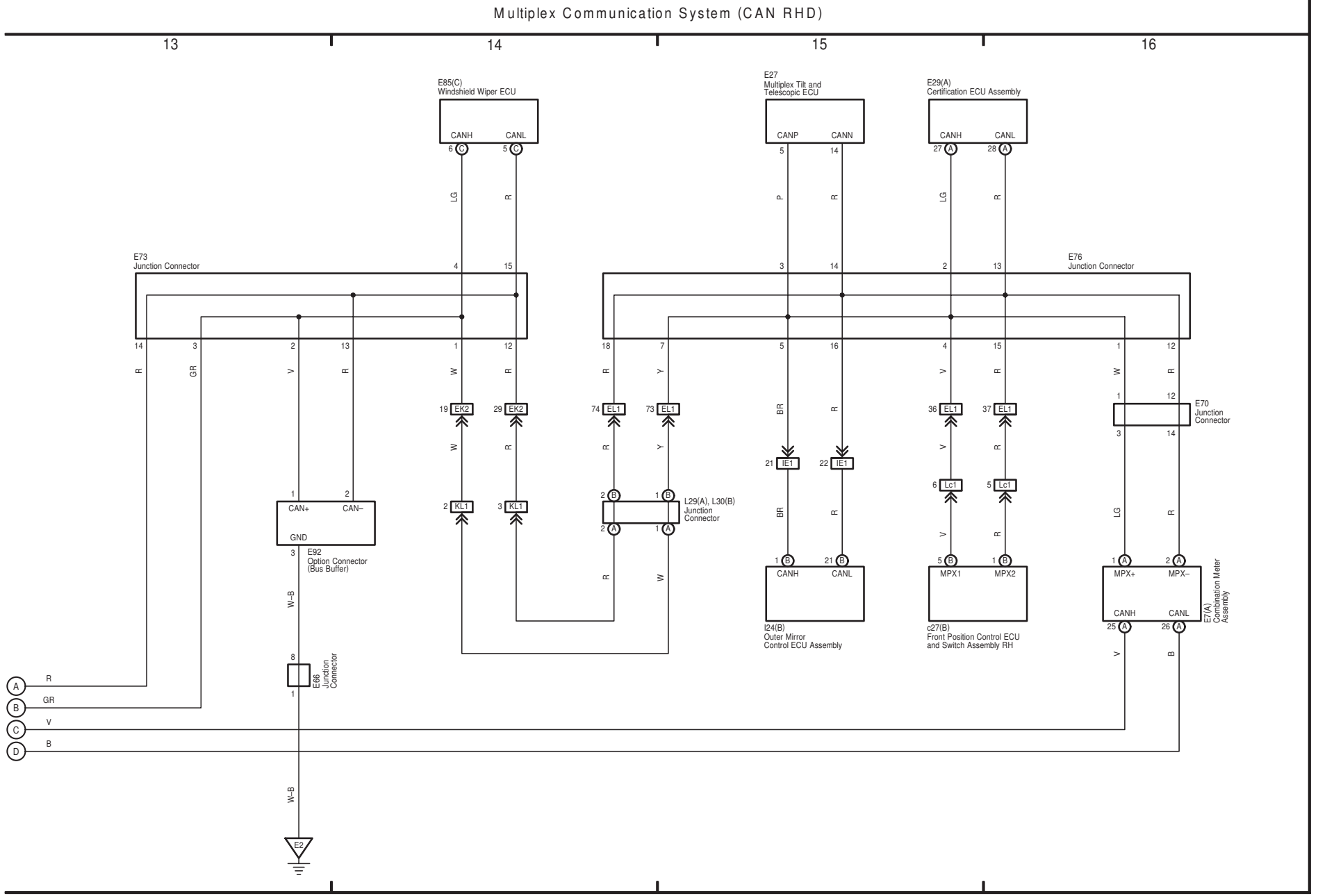
Multiplex Communication System (CAN RHD)

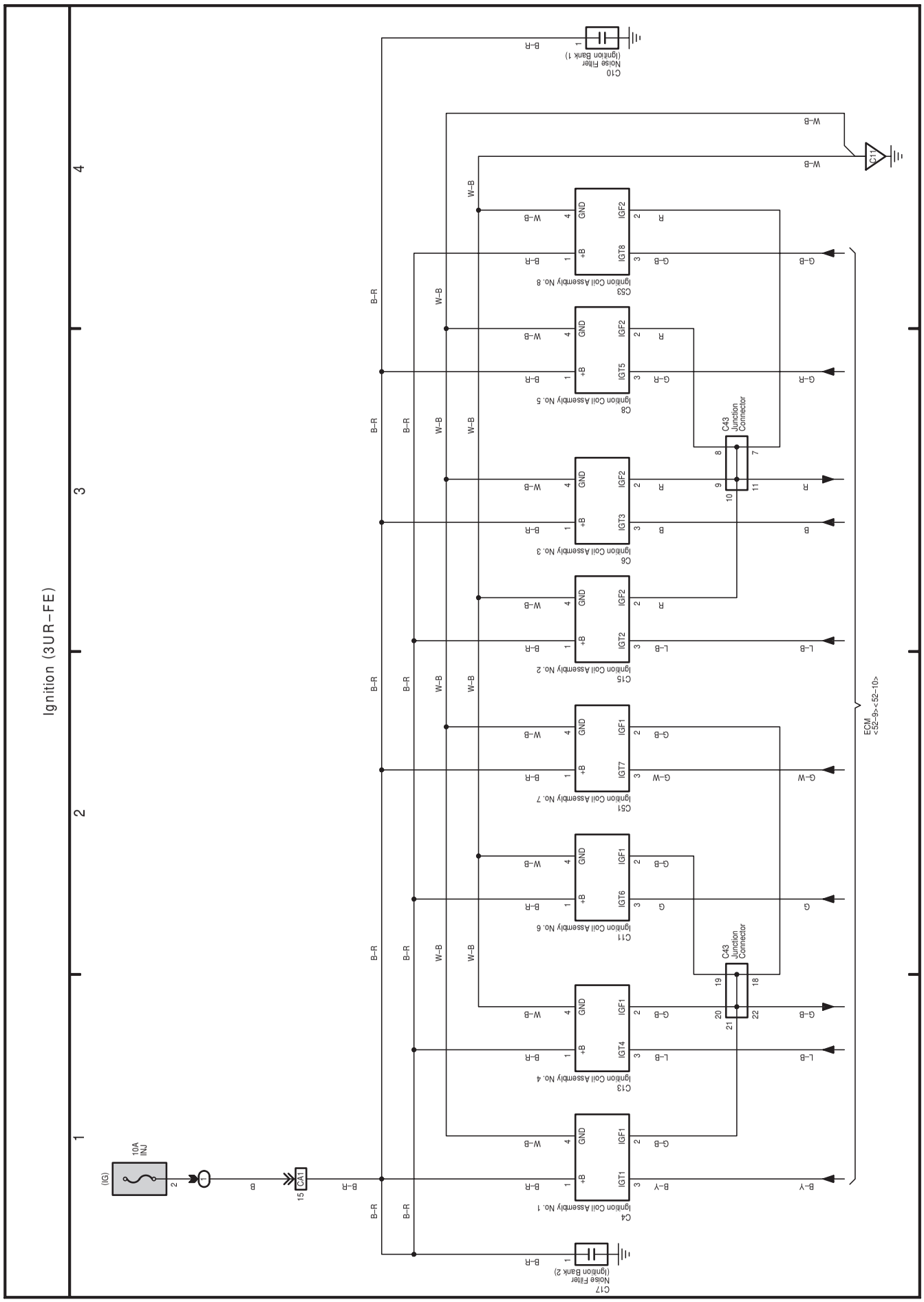


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Multiplex Communication System (CAN RHD)

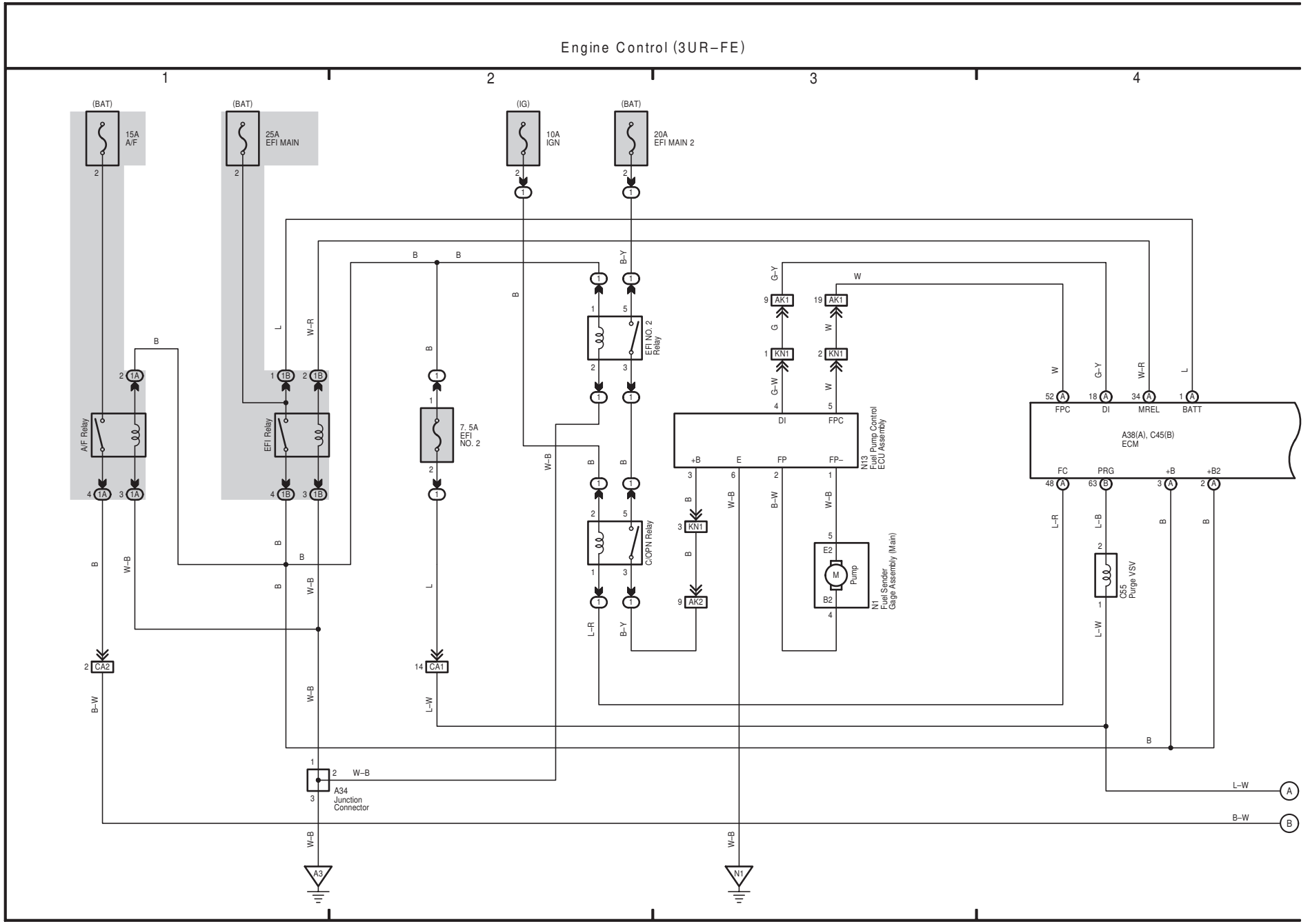



Multiplex Communication System (CAN RHD)
13
14
15
16
E85(C)
Windshield Wiper ECU
CANH
CANL
E27
Multiplex Tilt and
Telescopic ECU
CANP
CANN
E29(A)
Certification ECU Assembly
E73
Junction Connector
E76
Junction Connector
E70
Junction
Connector
CAN+
CAN–
GND
E92
Option Connector
(Bus Buffer)
E66
Junction
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)
51 LAND CRUISER Station Wagon
10A INJ
(IG)
CA1
C10 Noise Filter (Ignition Bank 1)
C17 Noise Filter (Ignition Bank 2)
C43 Junction Connector
C4 Ignition Coil Assembly No. 1
C13 Ignition Coil Assembly No. 4
C11 Ignition Coil Assembly No. 6
C15 Ignition Coil Assembly No. 2
C6 Ignition Coil Assembly No. 3
C8 Ignition Coil Assembly No. 5
C51 Ignition Coil Assembly No. 7
C53 Ignition Coil Assembly No. 8
GND
+B
IGF1
IGF2
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGT7
IGT8
ECM <32-9>-<52-10>

(Cont. next page)

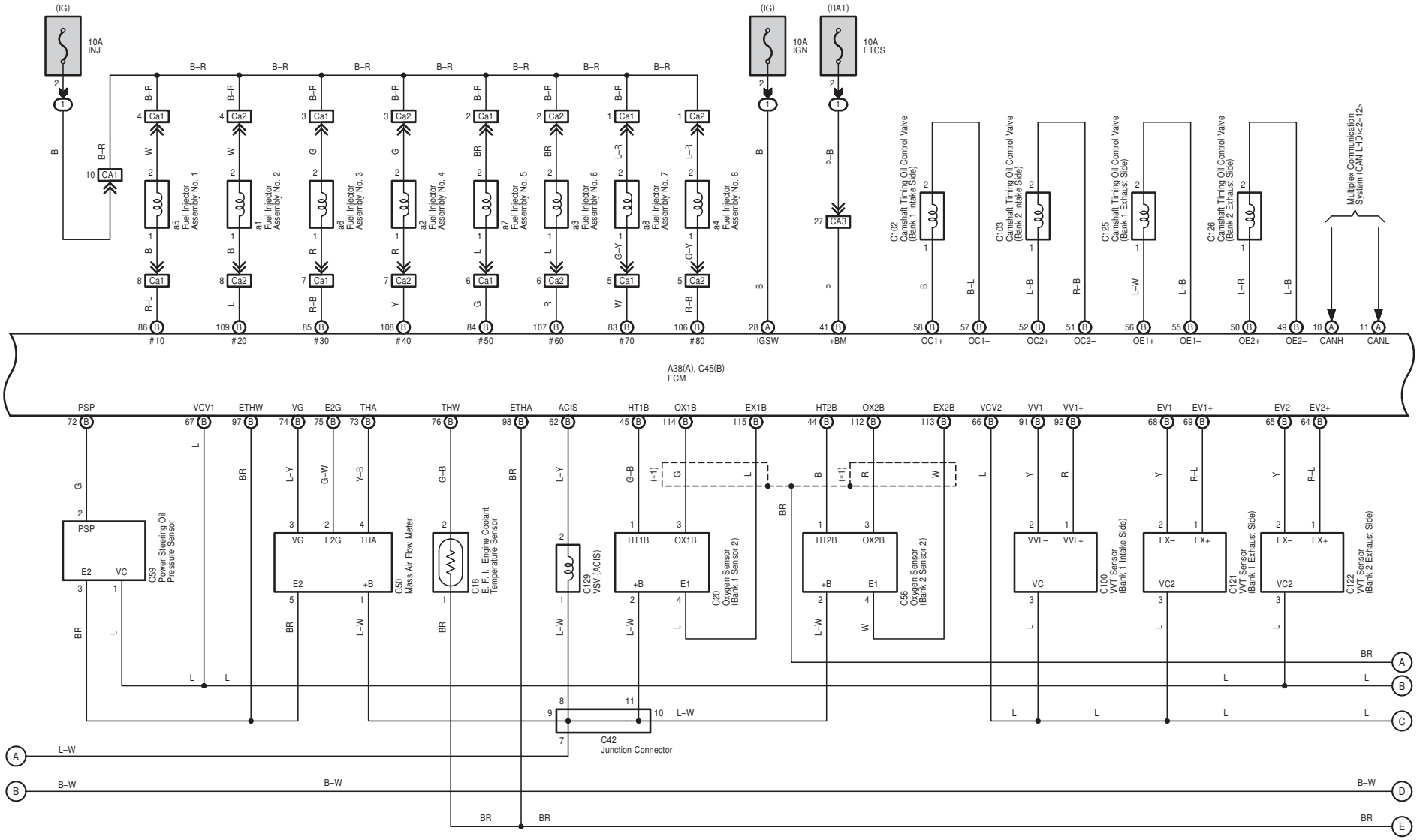
Engine Control (3UR–FE)



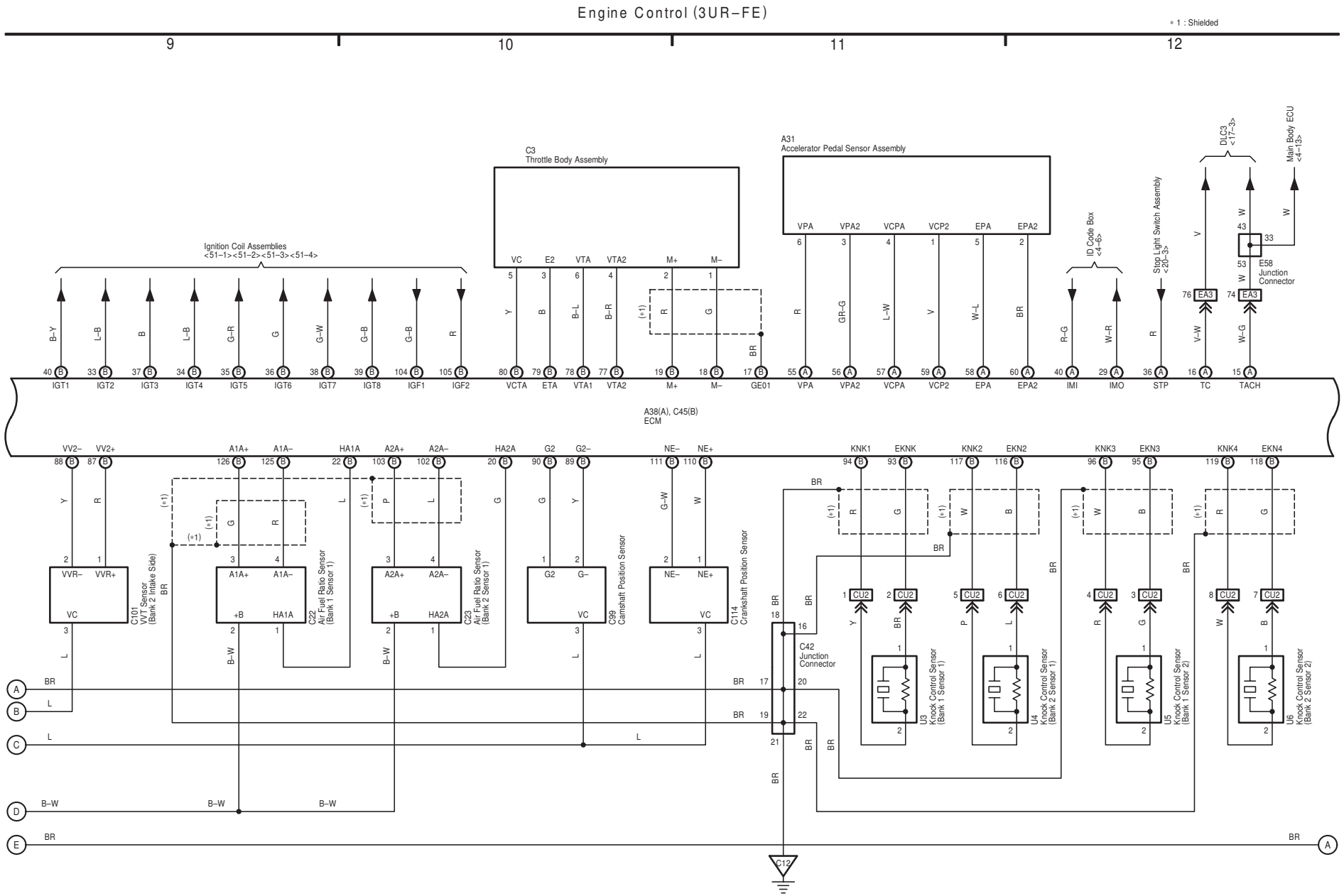
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Engine Control (3UR–FE)

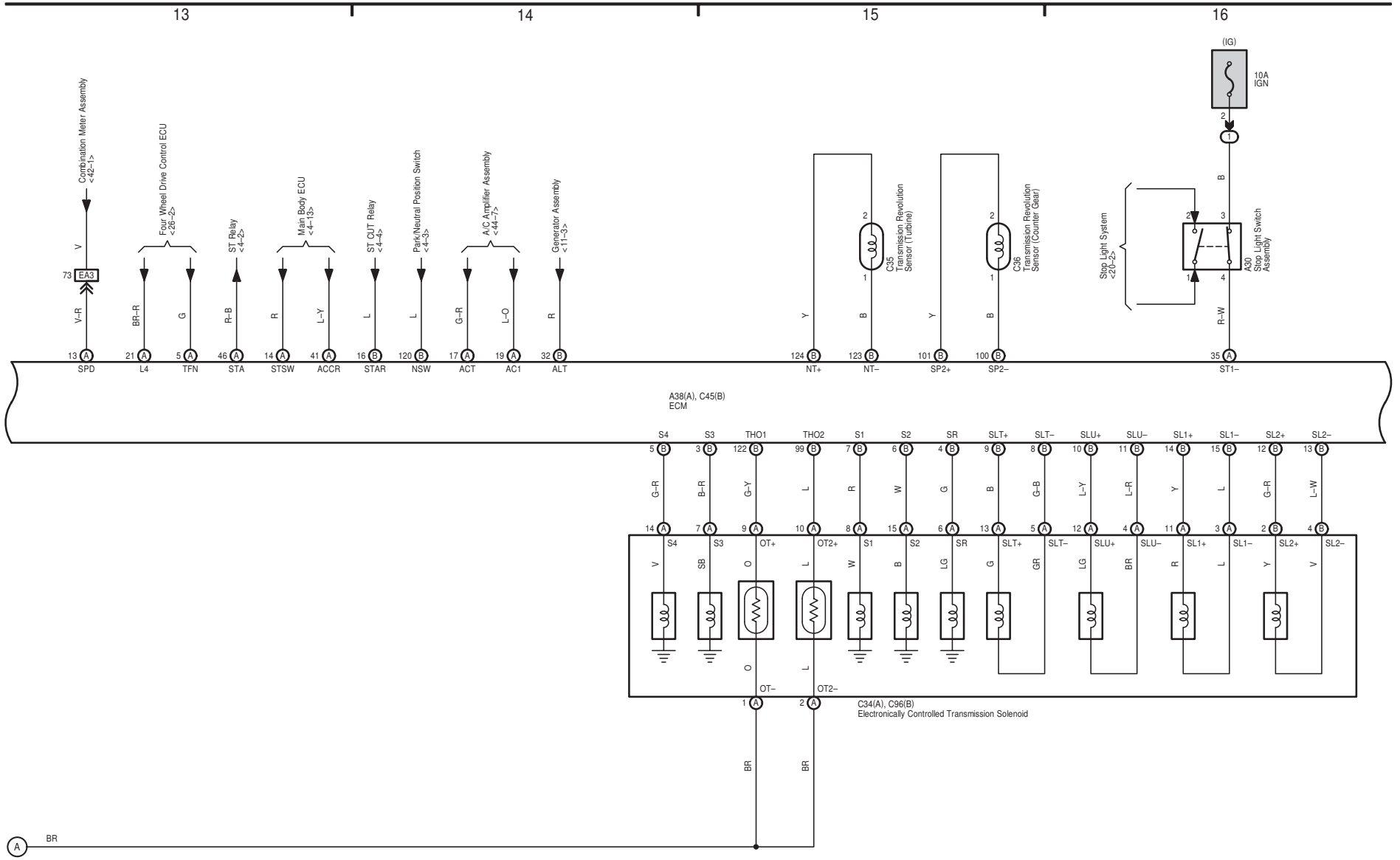
* 1 : Shielded



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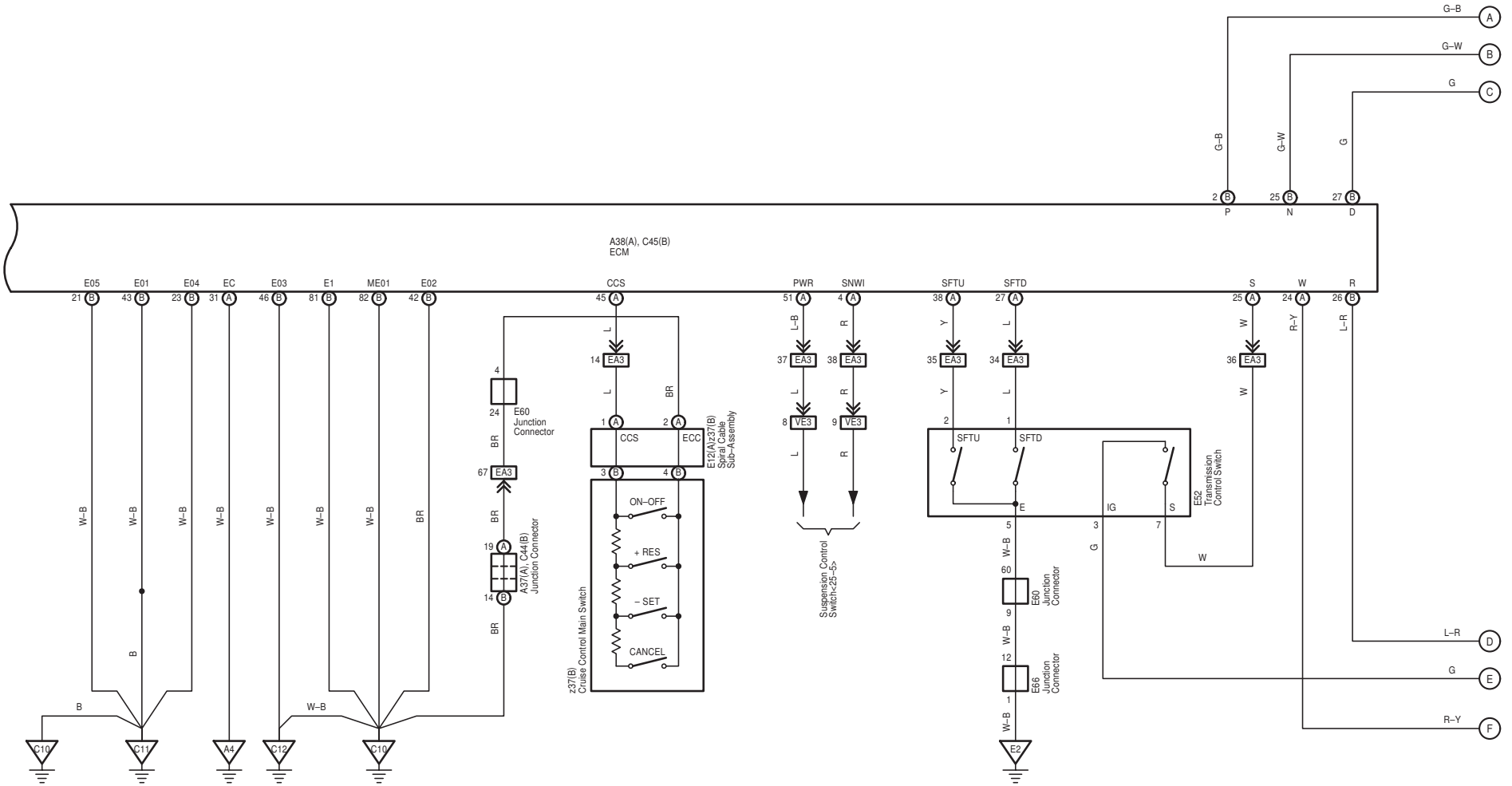
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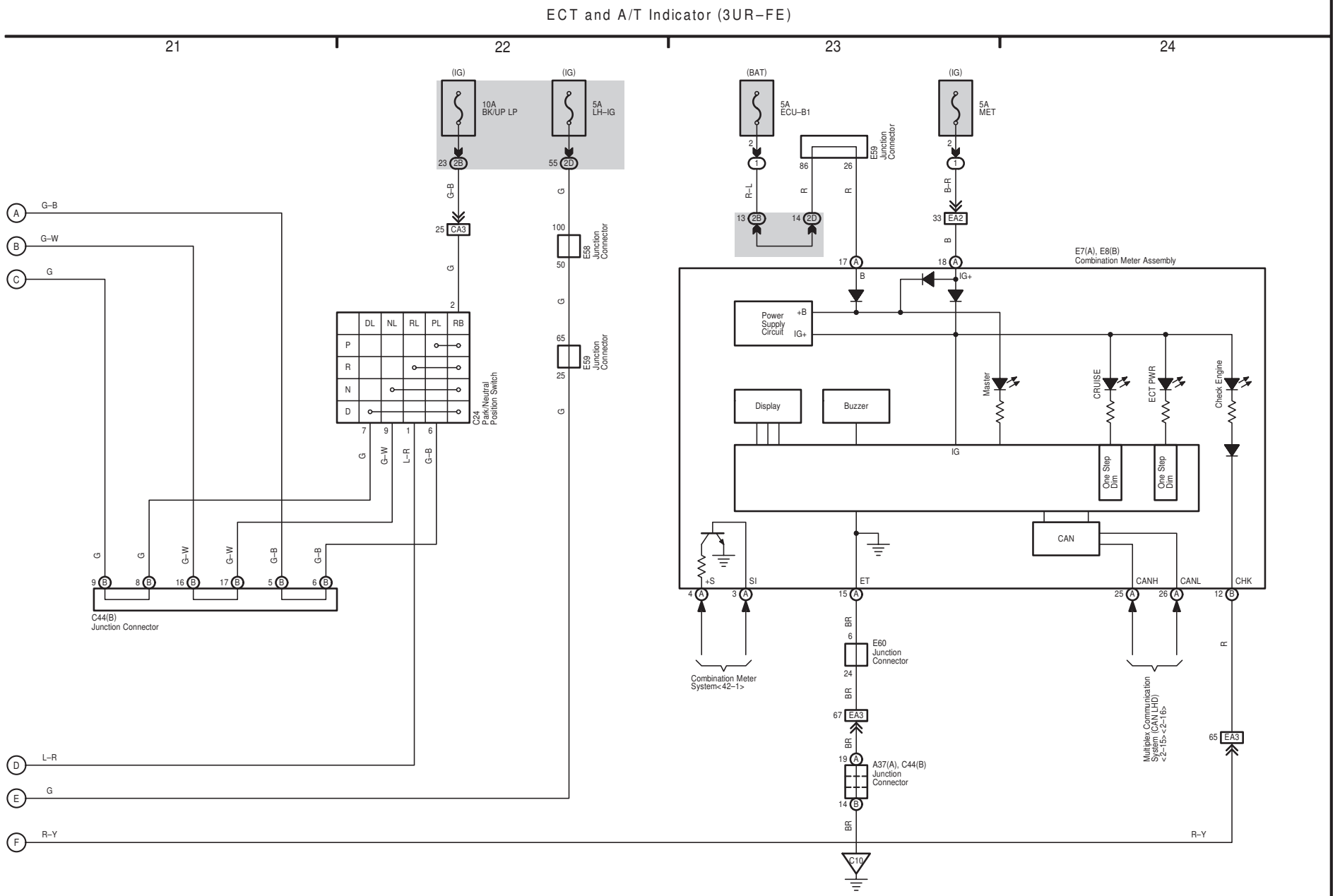


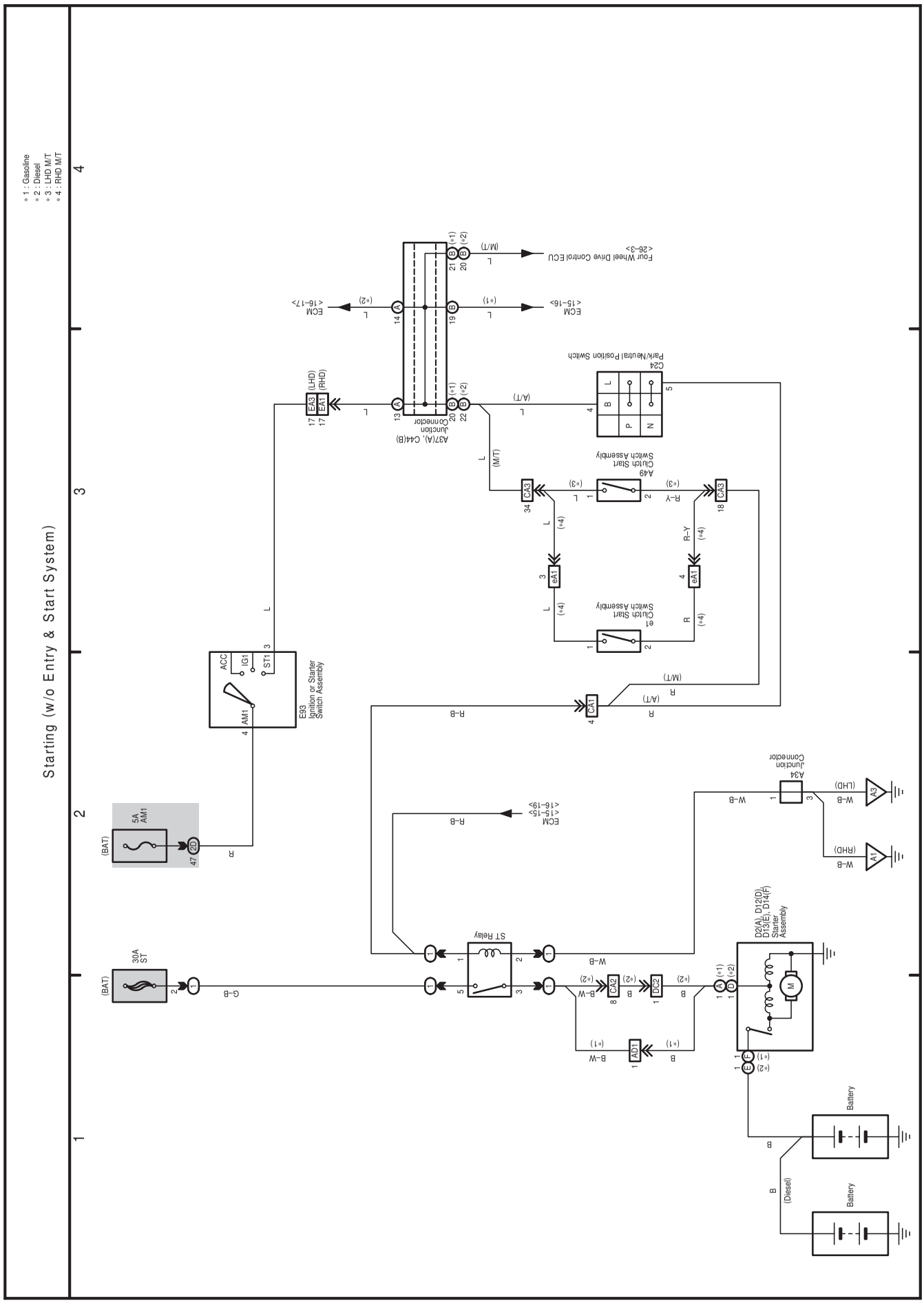
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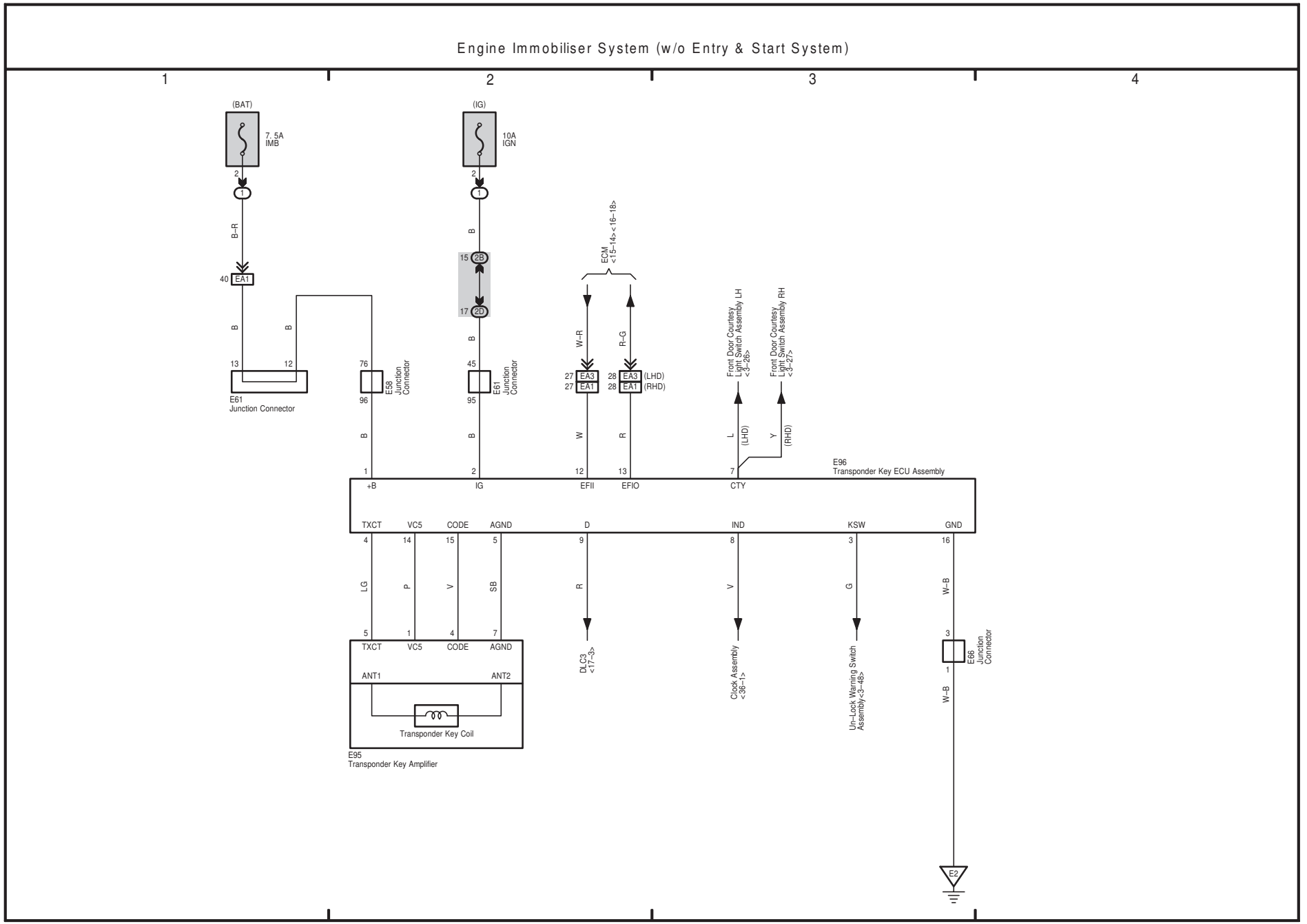
Cruise Control (3UR–FE) | ECT and A/T Indicator (3UR–FE)

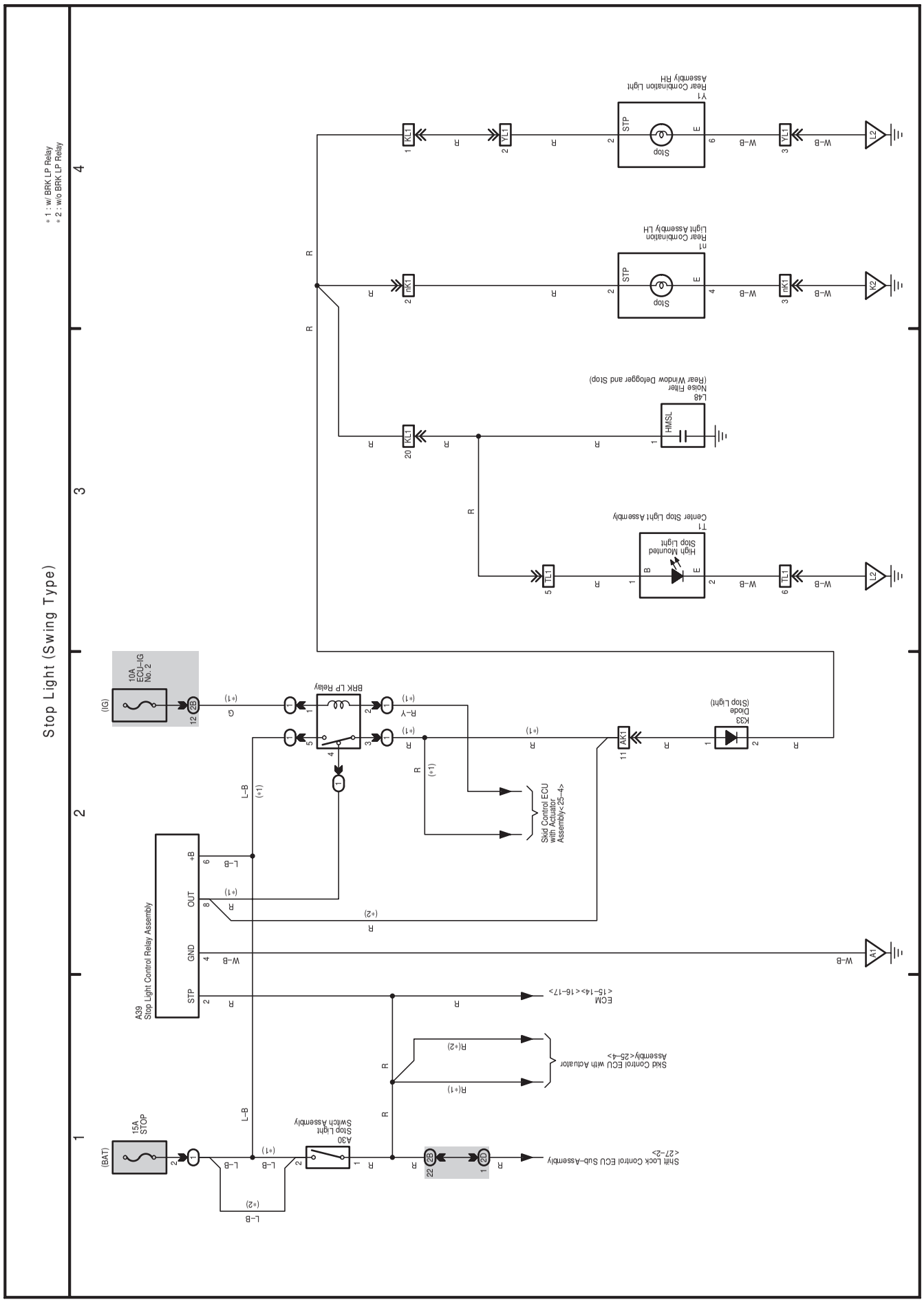
17 | 18 | 19 | 20

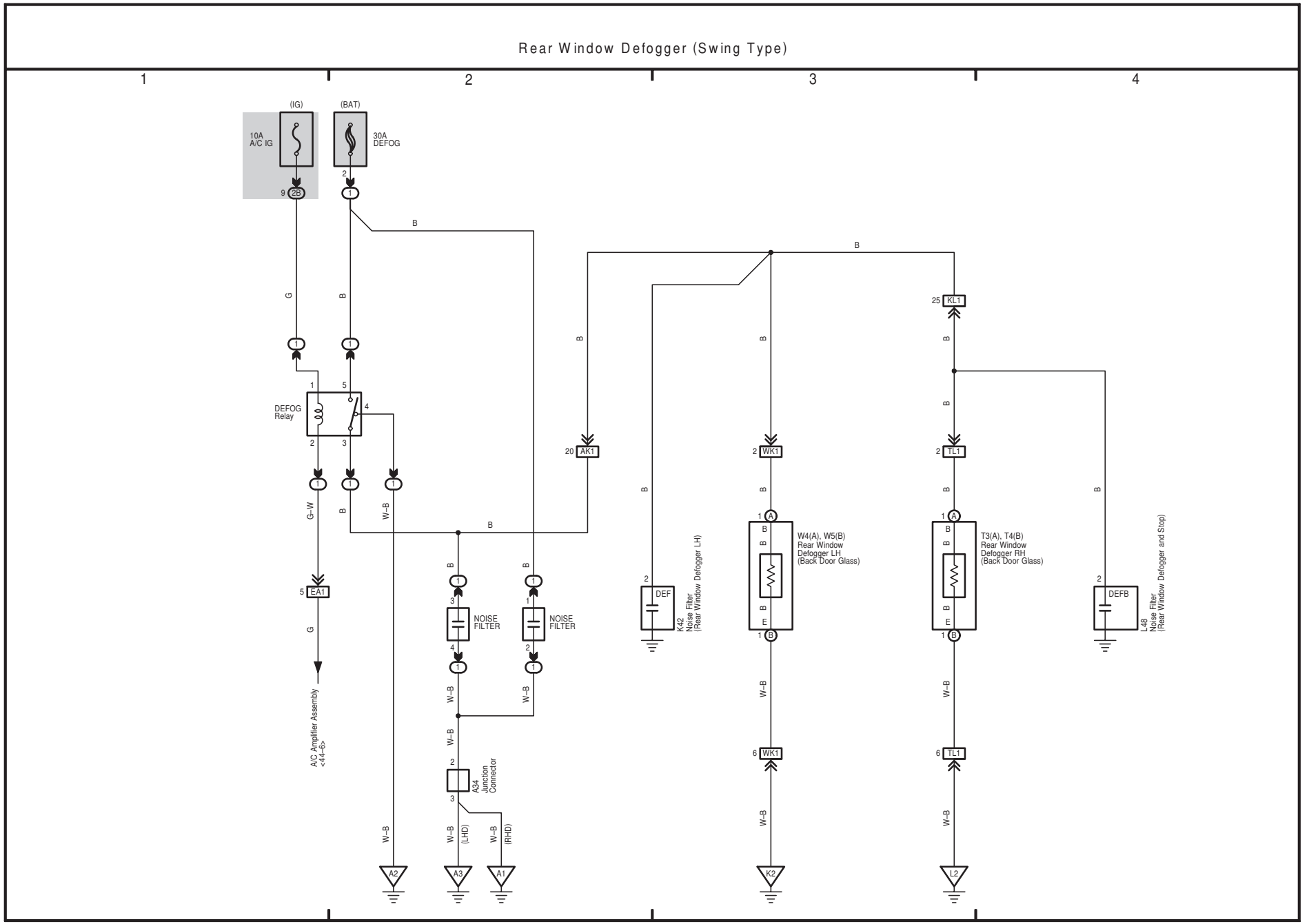



ECT and A/T Indicator (3UR–FE)
21
22
23
24
(IG)
10A
BK/UP LP
(IG)
5A
LH–IG
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Master
CRUISE
ECT PWR
Check Engine
One Step
Dim
IG
CAN
+S
SI
ET
CANH
CANL
CHK
E58
Junction
Connector
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)
<2-15>,<2-16>
C10
G–B
G–W
G
L–R
R–Y
R–L
B–R
BR
R

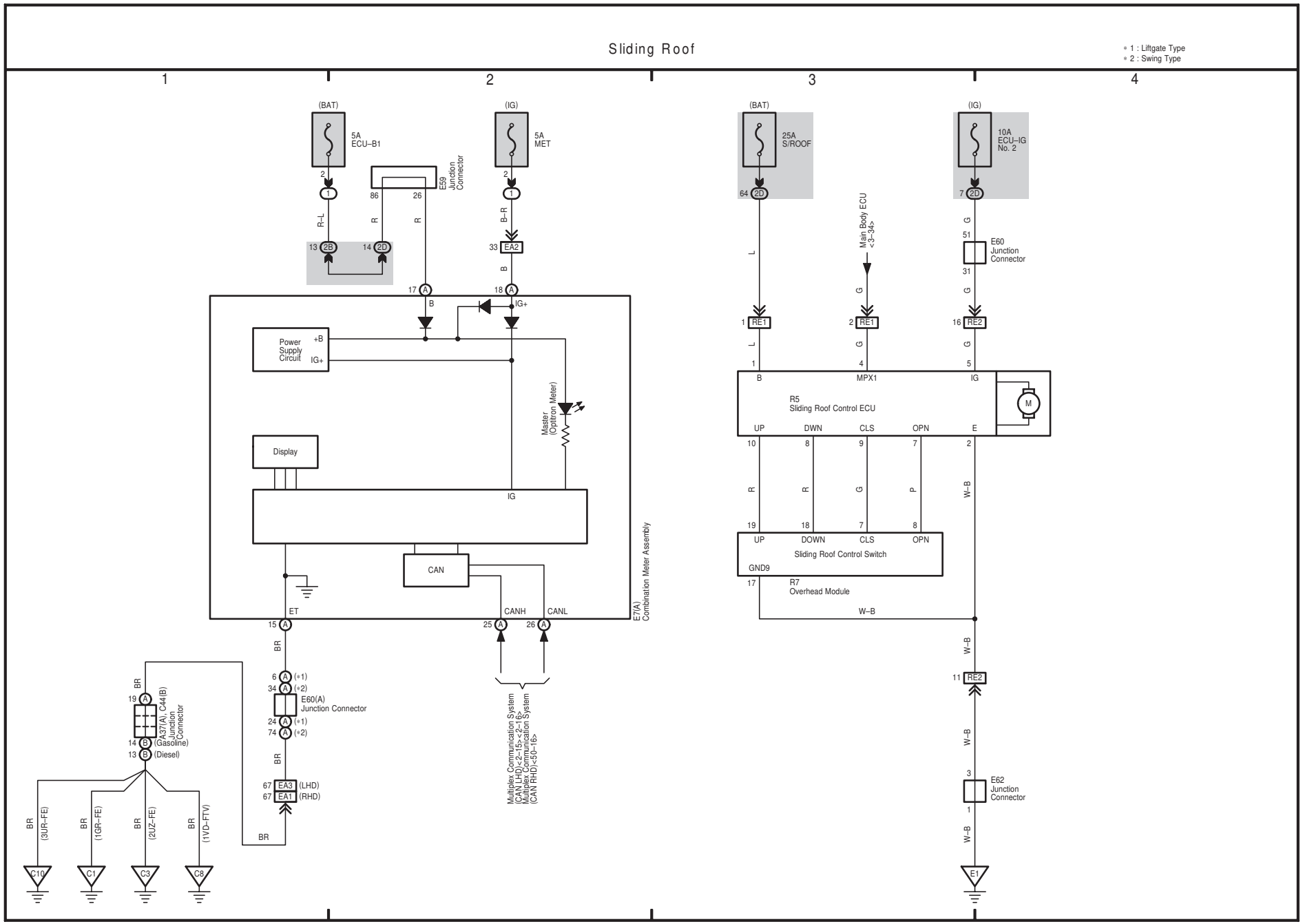

Starting (w/o Entry & Start System)
* 1 : Gasoline
* 2 : Diesel
* 3 : LHD M/T
* 4 : RHD M/T
1
2
3
4
(BAT)
5A AM1
30A ST
ACC
IG1
ST1
AM1
E93 Ignition or Starter Switch Assembly
ST Relay
Clutch Start Switch Assembly
Park/Neutral Position Switch
C24
A37(A), C44(B) Junction Connector
A34 Junction Connector
D2(A), D12(D), D13(E), D14(F) Starter Assembly
Battery
(LHD)
(RHD)
(Diesel)
ECM
Four Wheel Drive Control ECU

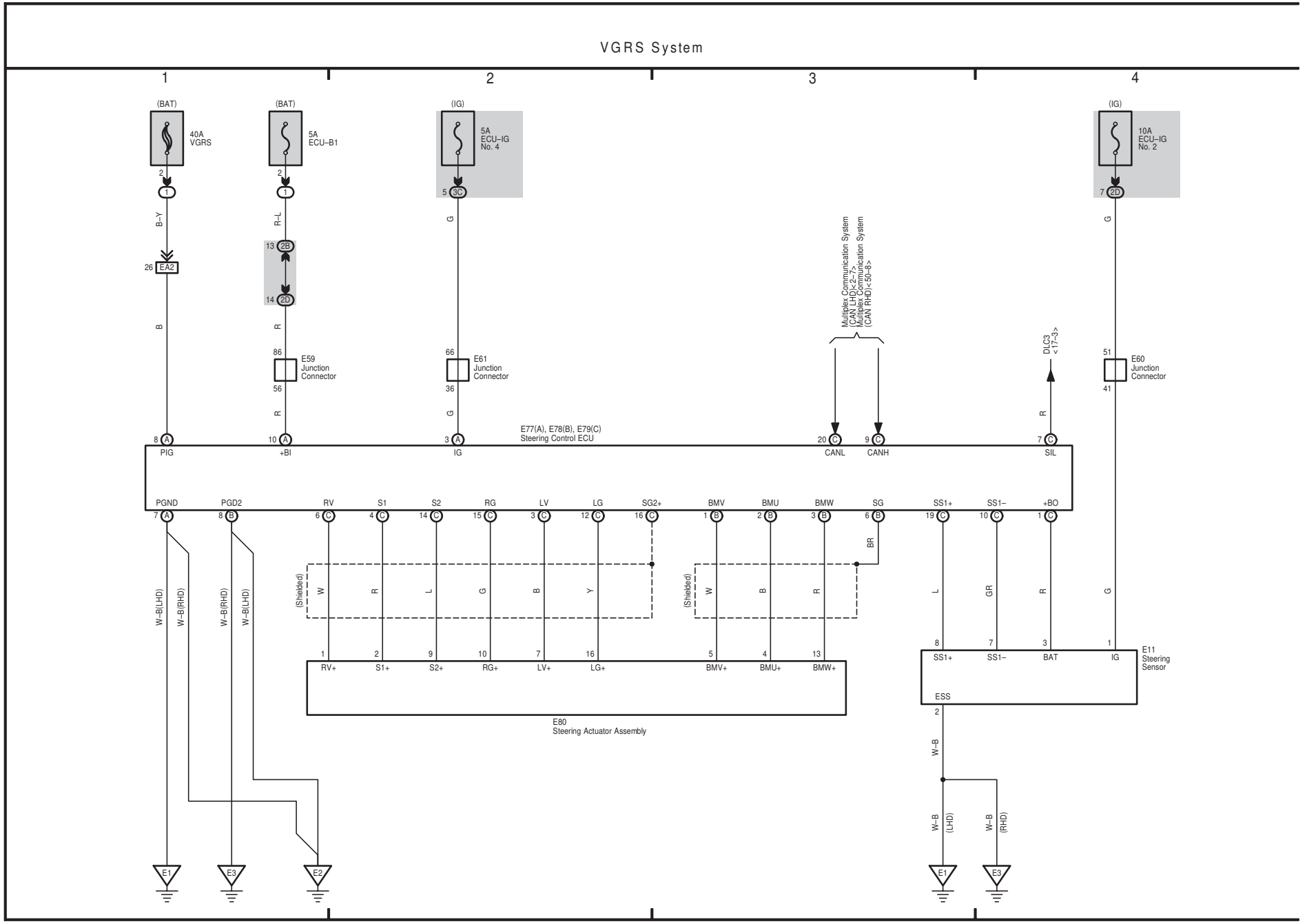

Engine Immobiliser System (w/o Entry & Start System)
1
2
3
4
(BAT)
7. 5A
IMB
(IG)
10A
IGN
B–R
B
15 2B
17 2D
ECM
<15–14><16–18>
W–R
R–G
40 EA1
13
12
E61
Junction Connector
76
96
E58
Junction Connector
45
95
E61
Junction Connector
27 EA3
27 EA1
28 EA3 (LHD)
28 EA1 (RHD)
Front Door Courtesy
Light Switch Assembly LH
<3–26>
Front Door Courtesy
Light Switch Assembly RH
<3–27>
L
(LHD)
Y
(RHD)
W
R
1
2
12
13
7
E96
Transponder Key ECU Assembly
+B
IG
EFII
EFIO
CTY
TXCT
VC5
CODE
AGND
D
IND
KSW
GND
4
14
15
5
9
8
3
16
LG
P
V
SB
R
V
G
W–B
5
1
4
7
3
1
E66
Junction Connector
ANT1
ANT2
Transponder Key Coil
E95
Transponder Key Amplifier
DLC3
<17–3>
Clock Assembly
<36–1>
Un–Lock Warning Switch
Assembly<3–48>
E2

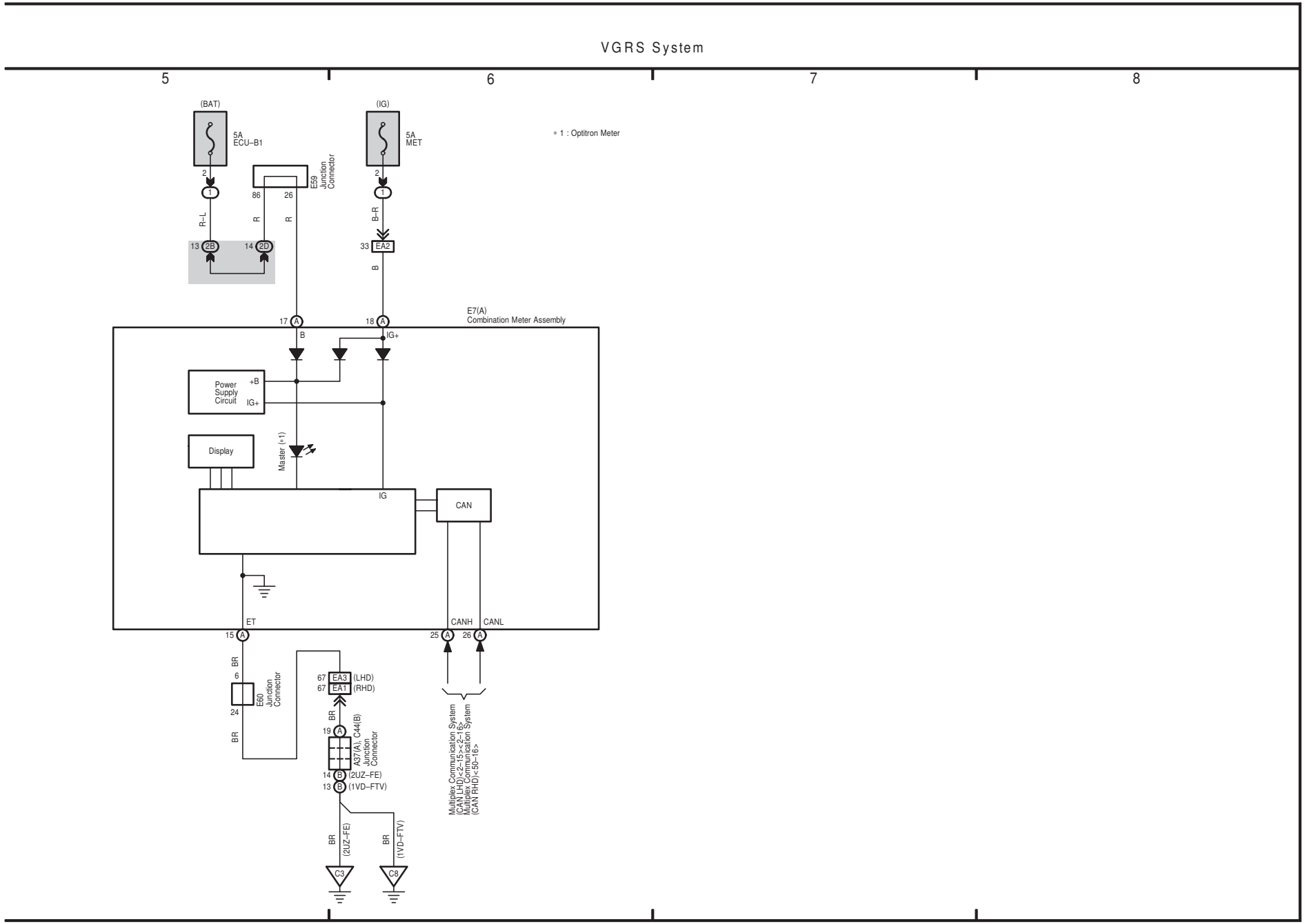

Stop Light (Swing Type)
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay
Rear Combination Light Assembly RH
Rear Combination Light Assembly LH
Noise Filter (Rear Window Defogger and Stop)
Center Stop Light Assembly
High Mounted Stop Light
10A ECU-IG No. 2
BRK LP Relay
Diode (Stop Light)
Skid Control ECU with Actuator Assembly<25-4>
A39 Stop Light Control Relay Assembly
15A STOP
A30 Stop Light Switch Assembly
ECM <15-14>,<16-17>
Skid Control ECU with Actuator Assembly<25-4>
Shift Lock Control ECU Sub-Assembly <27-2>
(BAT)
(IG)
STP
GND
OUT
+B


Rear Window Defogger (Swing Type)
1
2
3
4
(IG)
(BAT)
10A
A/C IG
30A
DEFOG
9 2B
2
1
B
G
B
DEFOG
Relay
1
5
4
2
3
G–W
B
W–B
B
5 EA1
G
A/C Amplifier Assembly
<44–6>
W–B
A2
B
B
3
NOISE
FILTER
4
W–B
2
A34
Junction
Connector
3
W–B
(LHD)
W–B
(RHD)
A3
A1
B
B
1
NOISE
FILTER
2
W–B
B
20 AK1
B
2 DEF
K42
Noise Filter
(Rear Window Defogger LH)
B
2 WK1
1 A
B
B
W4(A), W5(B)
Rear Window
Defogger LH
(Back Door Glass)
B
E
1 B
W–B
6 WK1
W–B
K2
B
25 KL1
B
2 TL1
1 A
B
B
T3(A), T4(B)
Rear Window
Defogger RH
(Back Door Glass)
B
E
1 B
W–B
6 TL1
W–B
L2
B
2 DEFB
L48
Noise Filter
(Rear Window Defogger and Stop)

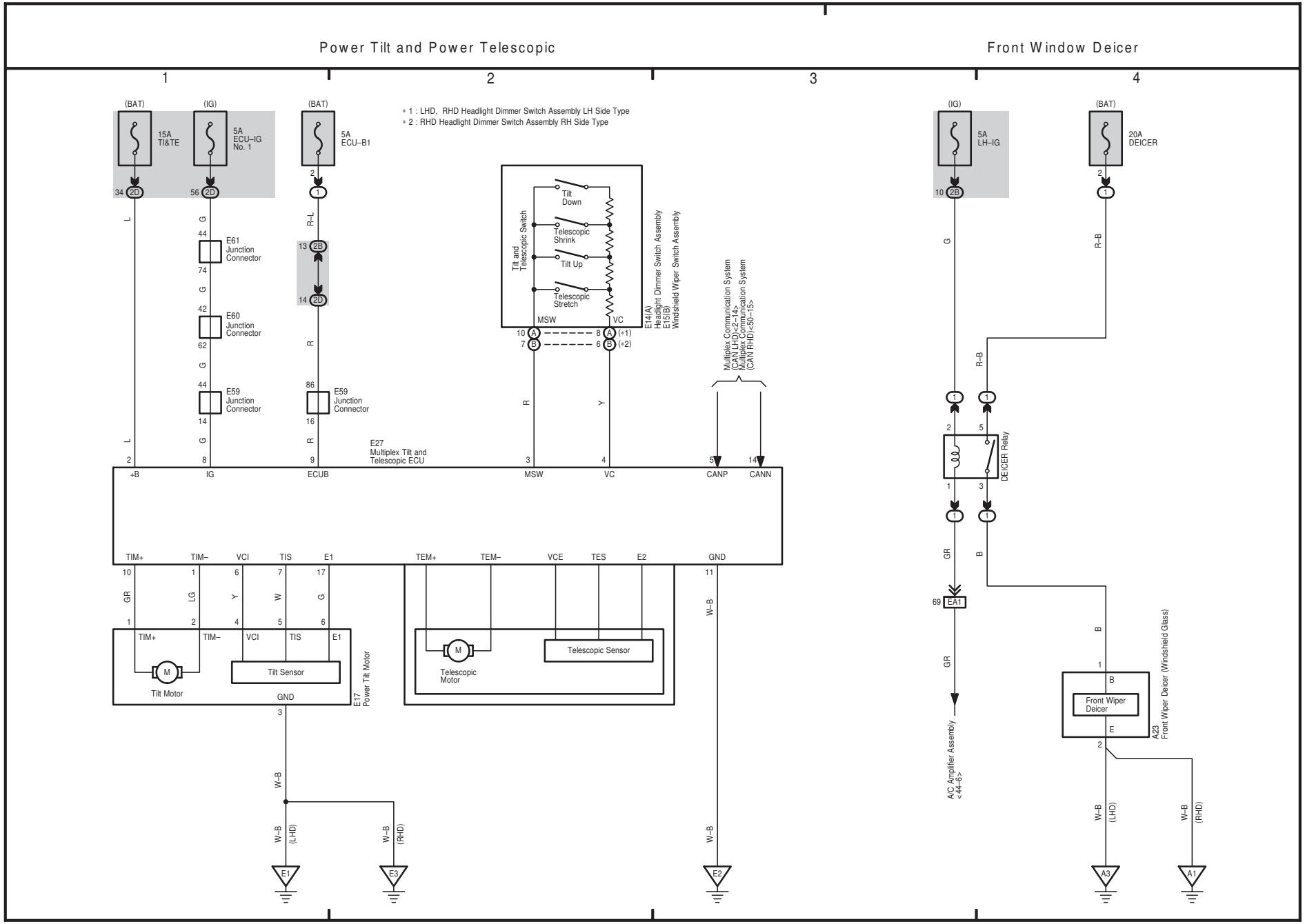
6 LAND CRUISER Station Wagon




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
G
B
R
R
G
R
Multiplex Communication System
(CAN LHD)<2–7>
Multiplex Communication System
(CAN RHD)<50–8>
DLC3
<17–3>
E59
Junction
Connector
E61
Junction
Connector
E60
Junction
Connector
E77(A), E78(B), E79(C)
Steering Control ECU
PIG
+BI
IG
CANL
CANH
SIL
PGND
PGD2
RV
S1
S2
RG
LV
LG
SG2+
BMV
BMU
BMW
SG
SS1+
SS1–
+BO
BR
(Shielded)
(Shielded)
W
R
L
G
B
Y
W
B
R
L
GR
R
G
W–B(LHD)
W–B(RHD)
W–B(RHD)
W–B(LHD)
RV+
S1+
S2+
RG+
LV+
LG+
BMV+
BMU+
BMW+
SS1+
SS1–
BAT
IG
E11
Steering
Sensor
E80
Steering Actuator Assembly
ESS
W–B
W–B
(LHD)
W–B
(RHD)
E1
E3
E2
E1
E3

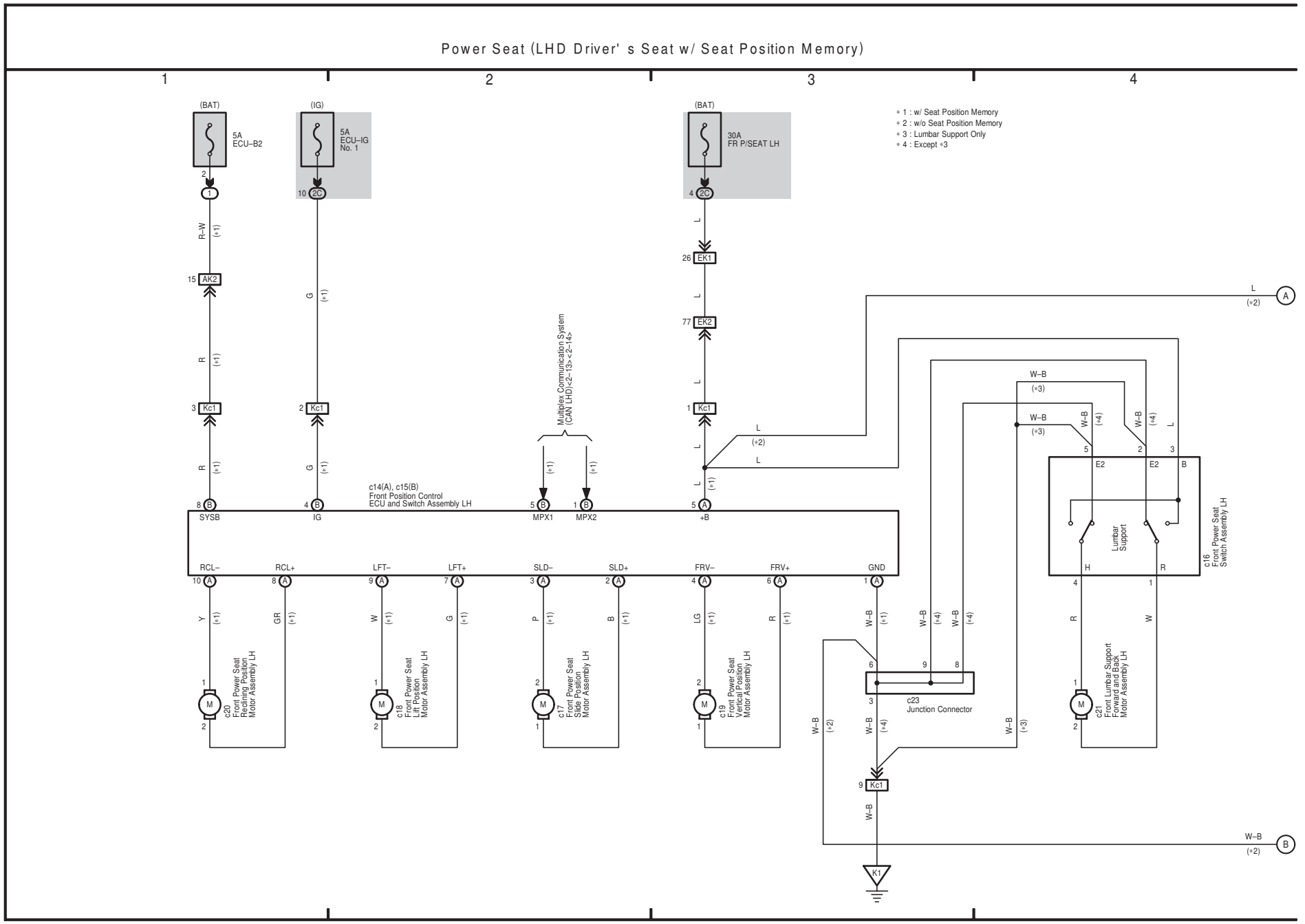

VGRS System
5
6
7
8
(BAT)
(IG)
5A
ECU–B1
5A
MET
* 1 : Optitron Meter
E59
Junction
Connector
86
26
R–L
R
R
B–R
13 2B
14 2D
33 EA2
B
17 A
18 A
E7(A)
Combination Meter Assembly
B
IG+
Power
Supply
Circuit
+B
IG+
Display
Master (*1)
IG
CAN
ET
CANH
CANL
15 A
25 A
26 A
BR
6
E60
Junction
Connector
24
BR
67 EA3 (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 LHD)<2–15, 2–21>
Multiplex Communication System
(CAN RHD)<50–16>

8 LAND CRUISER Station Wagon



(Cont. next page)

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

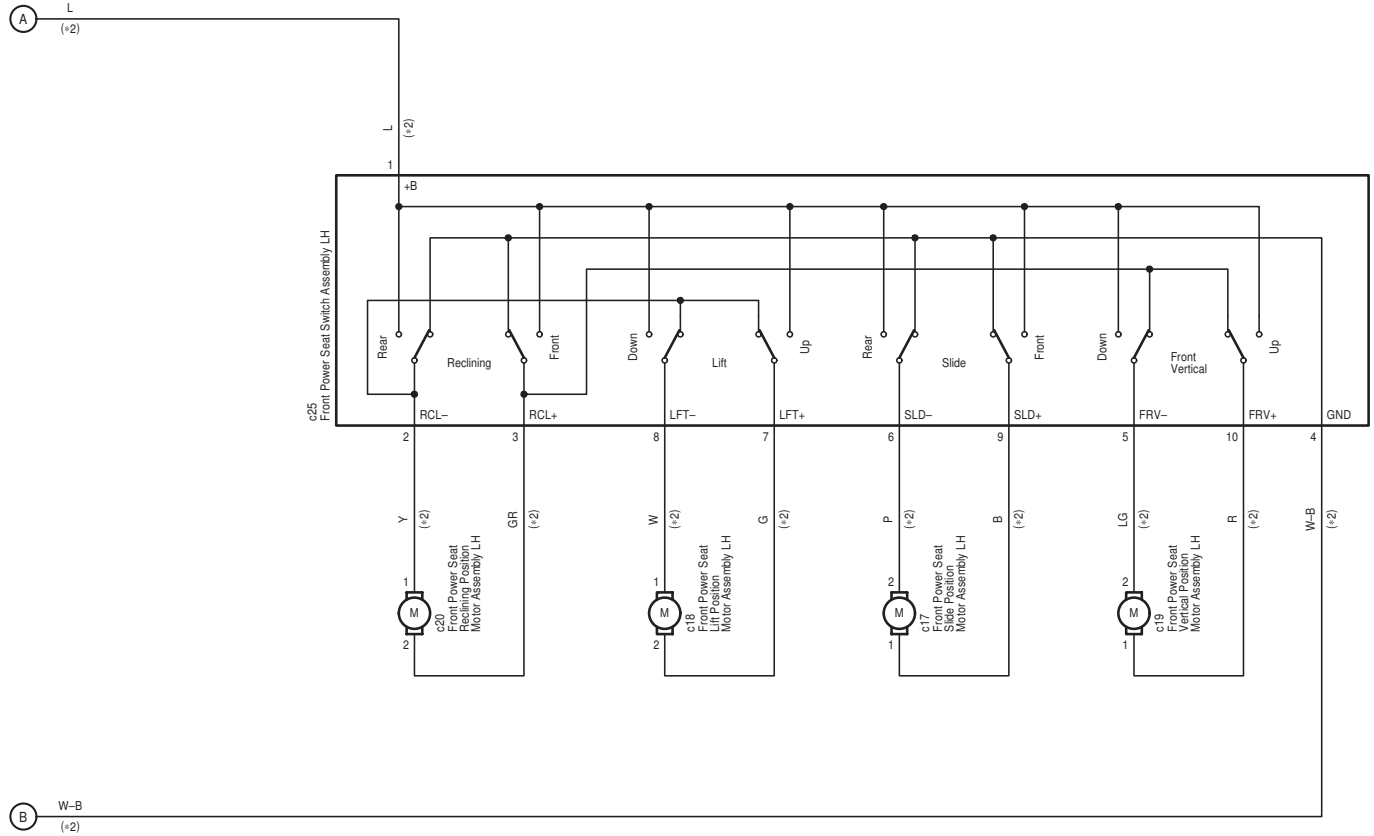


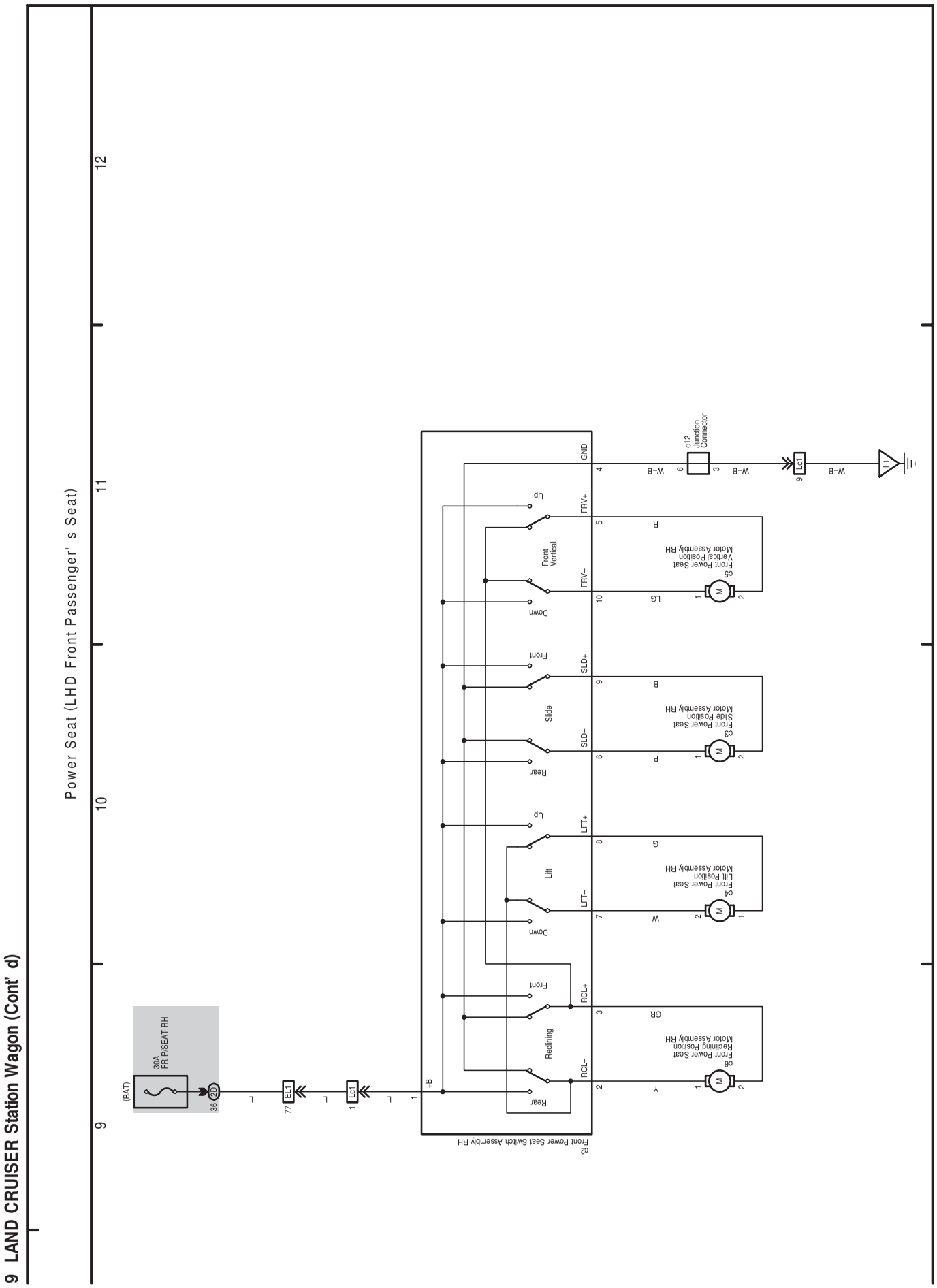
(Cont. next page)

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)
9
10
11
12
(BAT)
30A
FR P/SEAT RH
2D
36
77
EL1
1
Lc1
+B
Front Power Seat Switch Assembly RH
FR
GND
FRV+
FRV–
SLD+
SLD–
LFT+
LFT–
RCL+
RCL–
Up
Down
Front
Rear
Front Vertical
Slide
Lift
Reclining
F5
Front Power Seat Vertical Position Motor Assembly RH
F3
Front Power Seat Slide Position Motor Assembly RH
F4
Front Power Seat Lift Position Motor Assembly RH
F6
Front Power Seat Reclining Position Motor Assembly RH
LG
R
B
G
W
GR
Y
c12
Junction Connector
W-B
L1