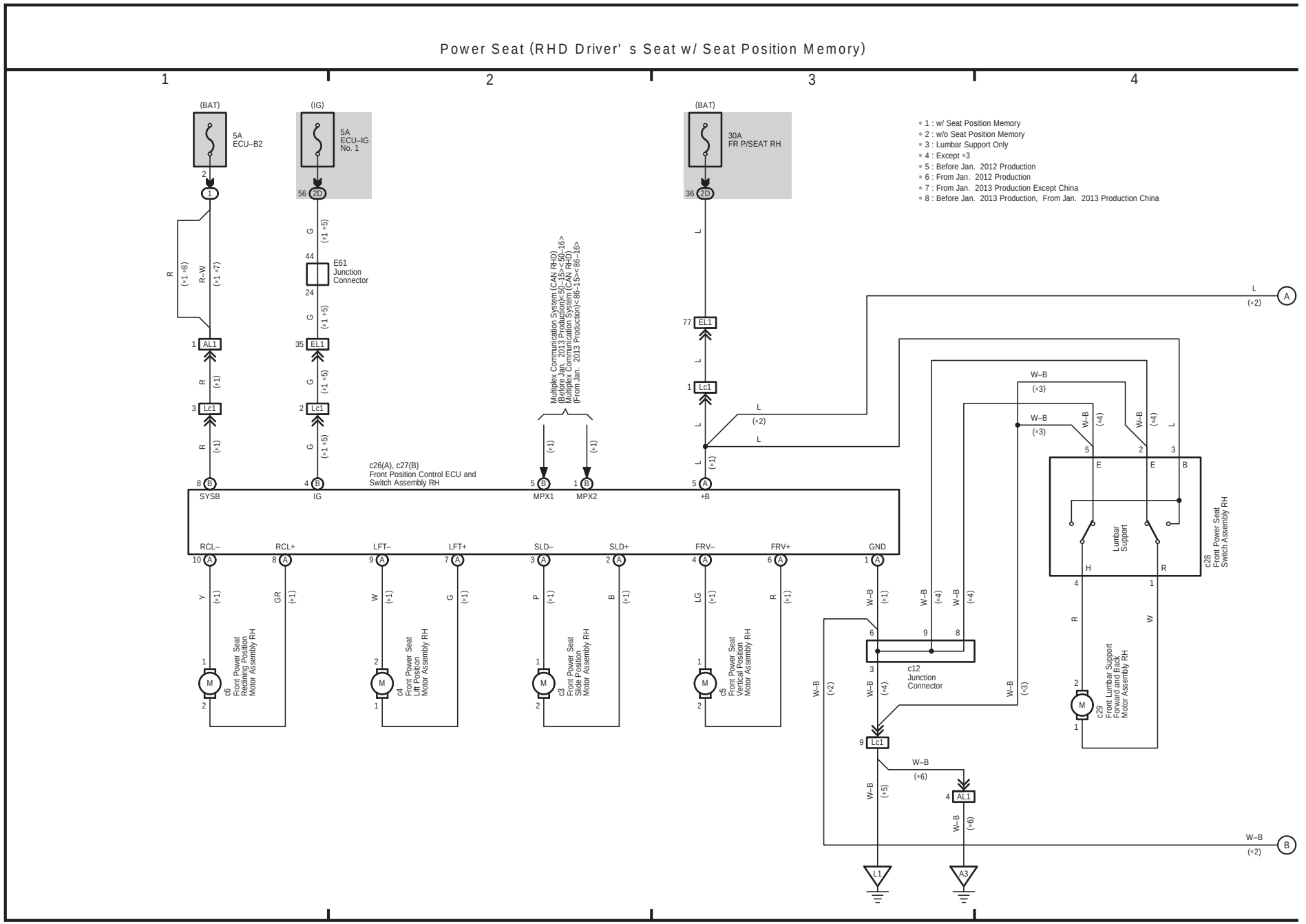
(Cont. next page)

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

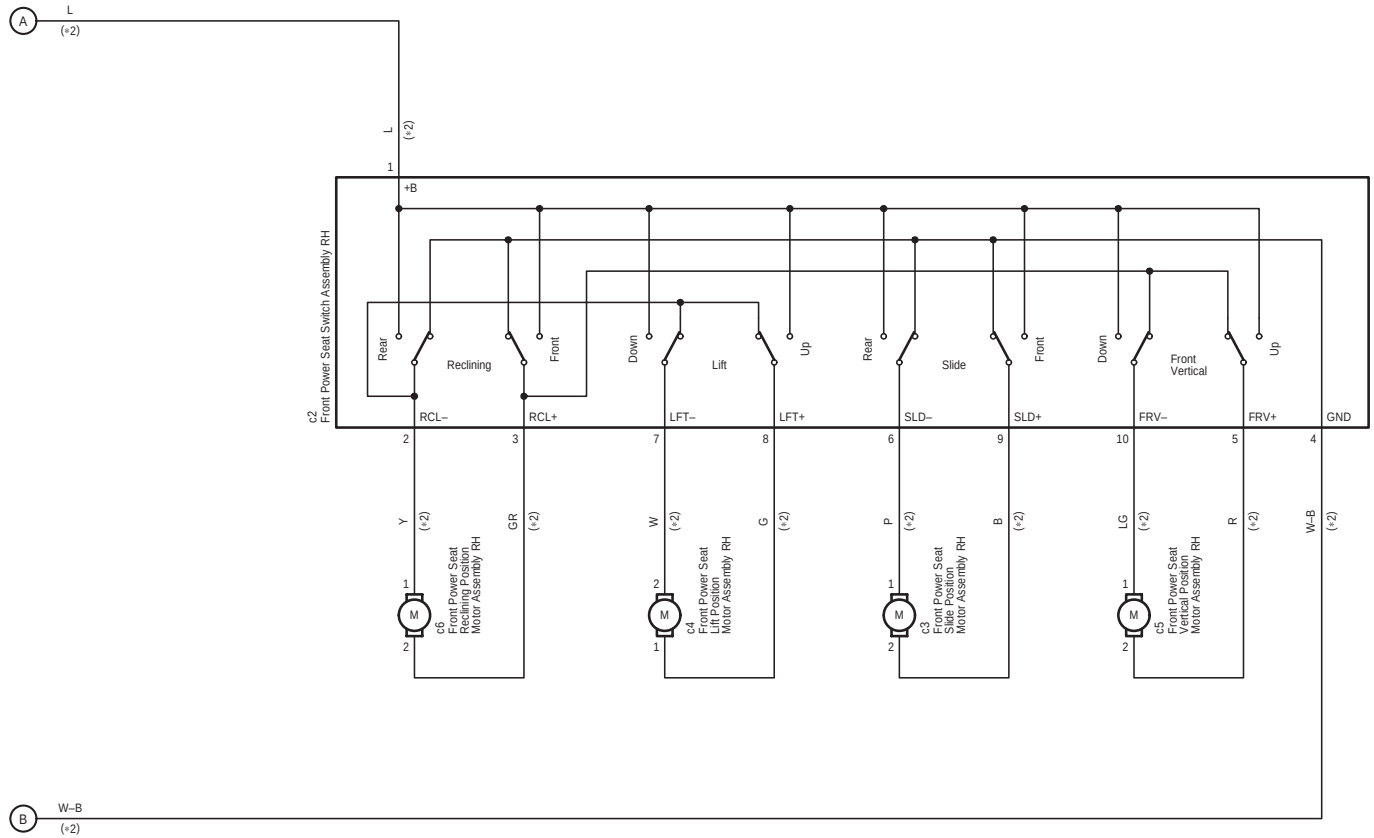


(Cont. next page)

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

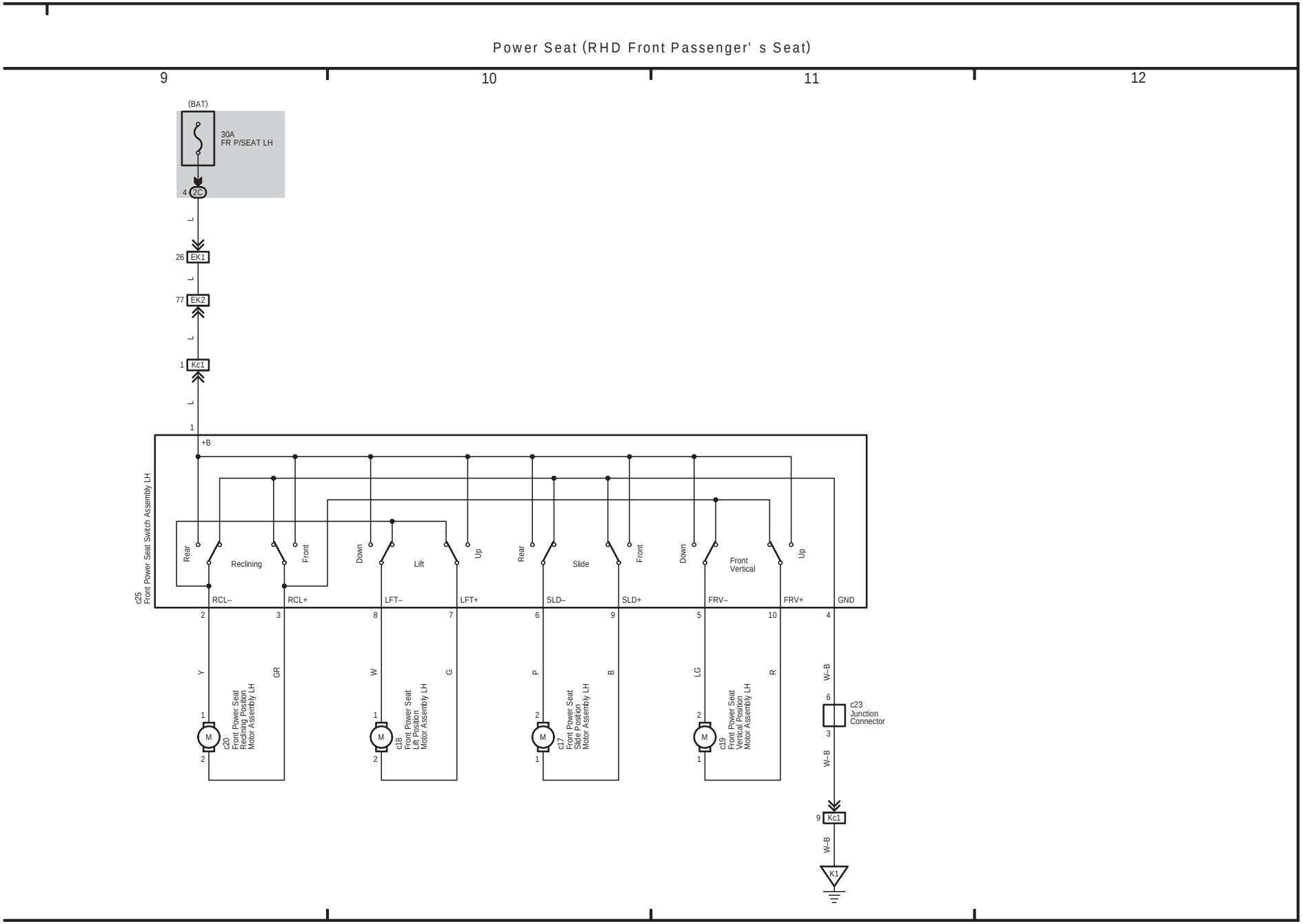
5 6 7 8

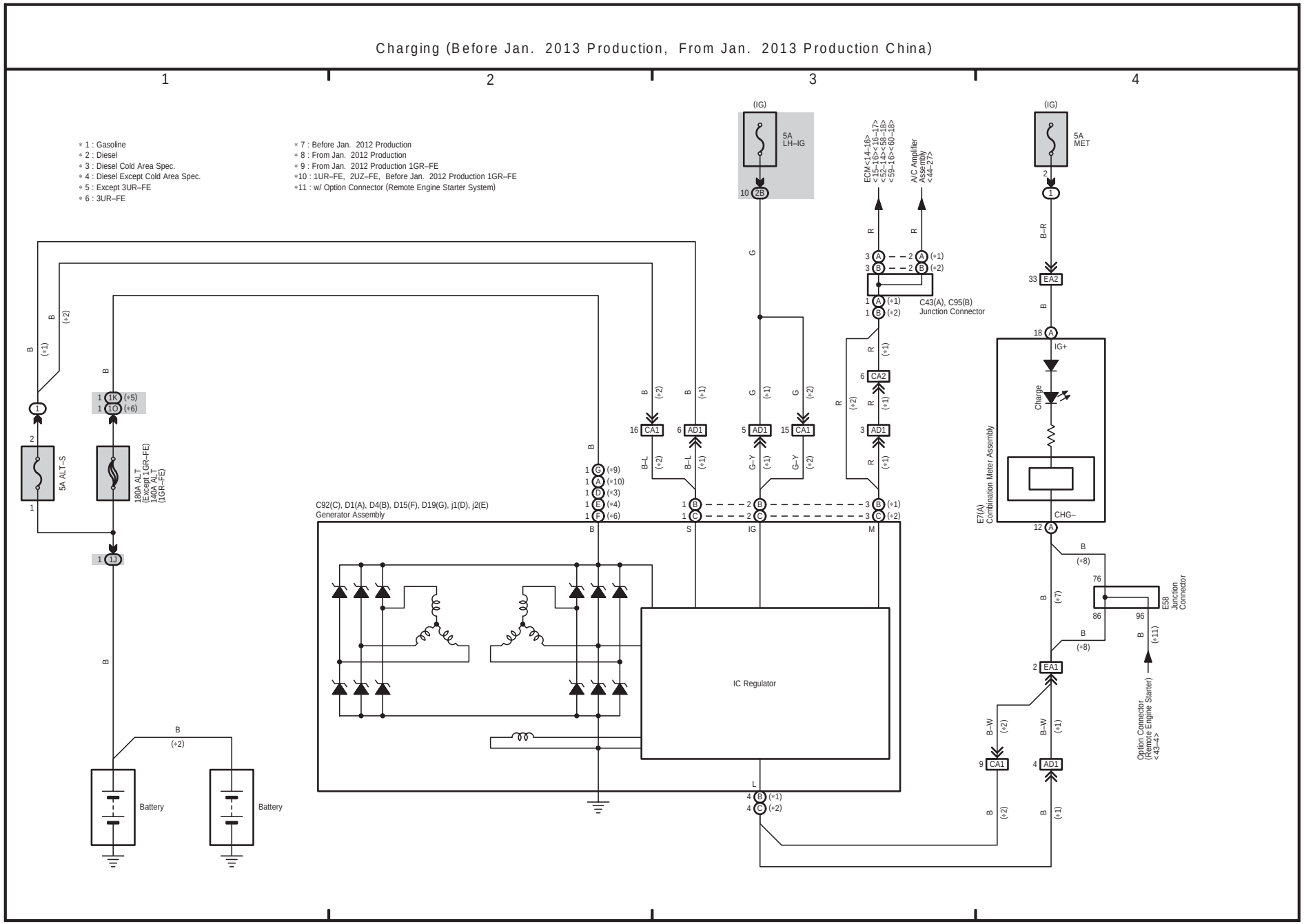
∗ 2 : w/o Seat Position Memory

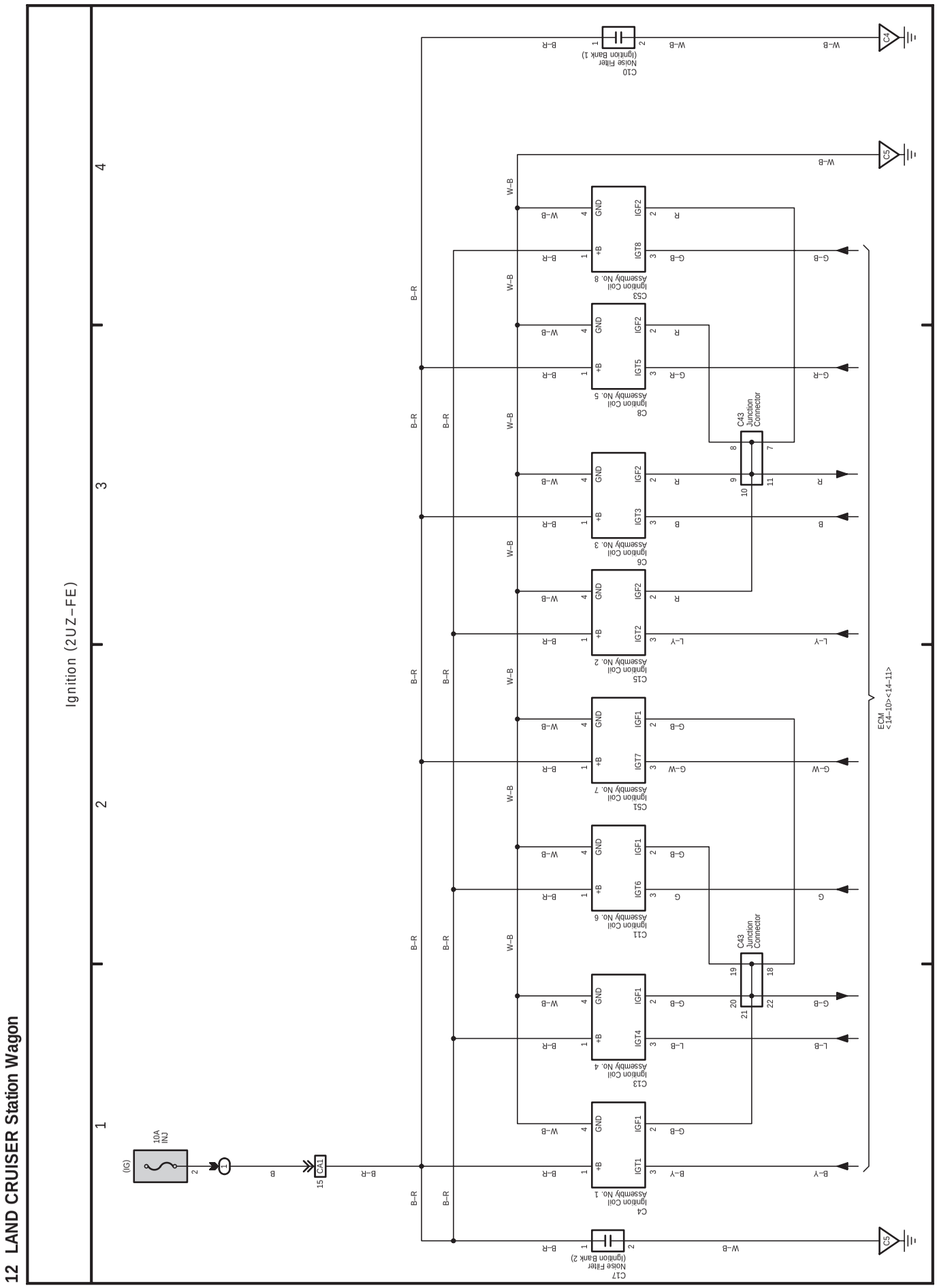


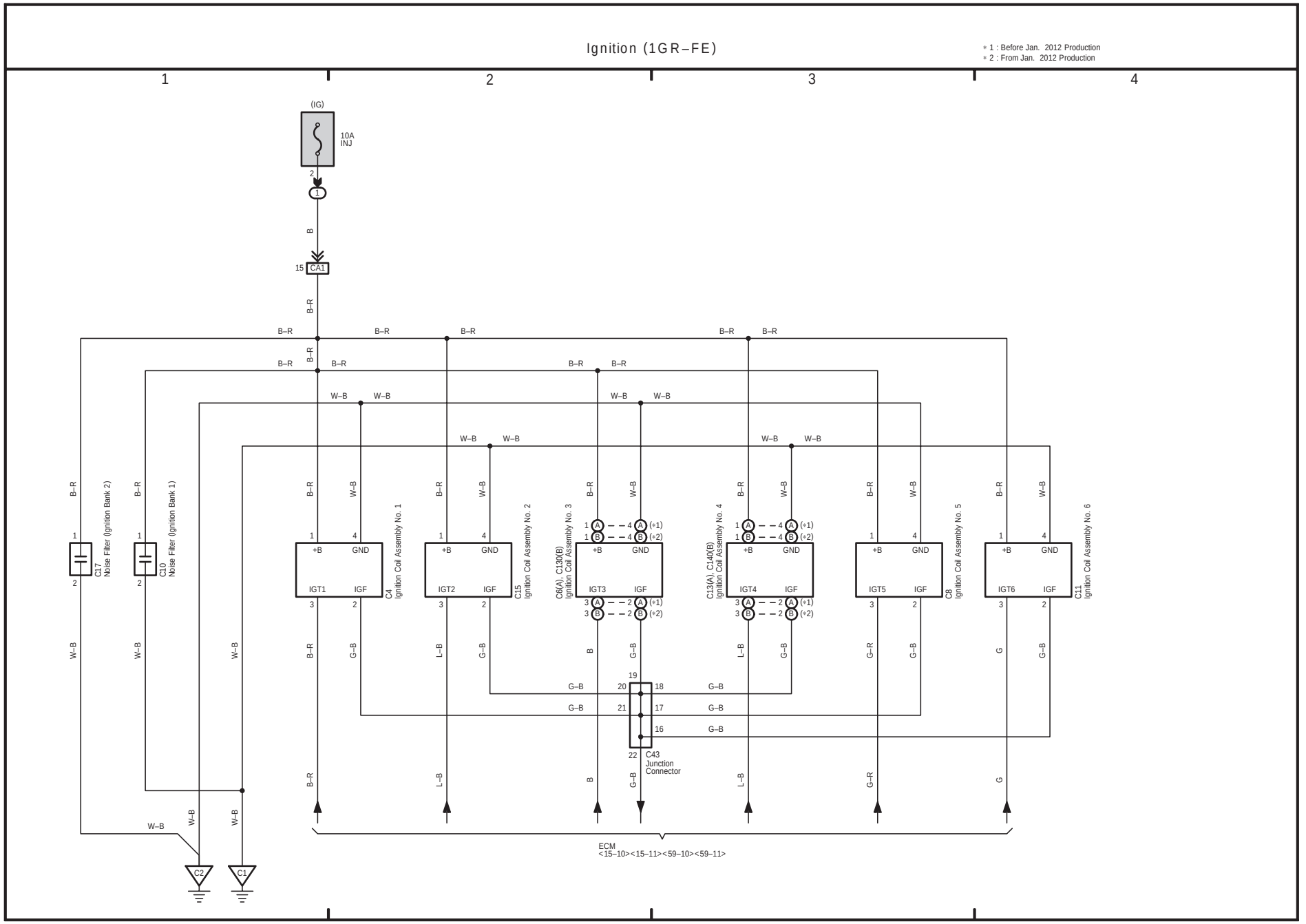
10 LAND CRUISER Station Wagon (Cont' d)

Power Seat (RHD Front Passenger' s Seat)




Charging (Before Jan. 2013 Production, From Jan. 2013 Production China)
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
∗7 : Before Jan. 2012 Production
∗8 : From Jan. 2012 Production
∗9 : From Jan. 2012 Production 1GR–FE
∗10 : 1UR–FE, 2UZ–FE, Before Jan. 2012 Production 1GR–FE
∗11 : w/ Option Connector (Remote Engine Starter System)
(IG)
5A LH–IG
5A MET
ECM <14–16> <51–15–17> <52–14><59–18> <59–16><60–18>
A/C Amplifier Assembly <44–27>
C43(A), C95(B) Junction Connector
5A ALT–S
180A ALT (Except 1GR–FE) 140A ALT (1GR–FE)
C92(C), D1(A), D4(B), D15(F), D19(G), j1(D), j2(E) Generator Assembly
IC Regulator
Battery
Battery
E7(A) Combination Meter Assembly
Charge
IG+
CHG–
E58 Junction Connector
Option Connector (Remote Engine Starter) <43–4>
B
B–L
G
G–Y
R
B–R
B–W
L

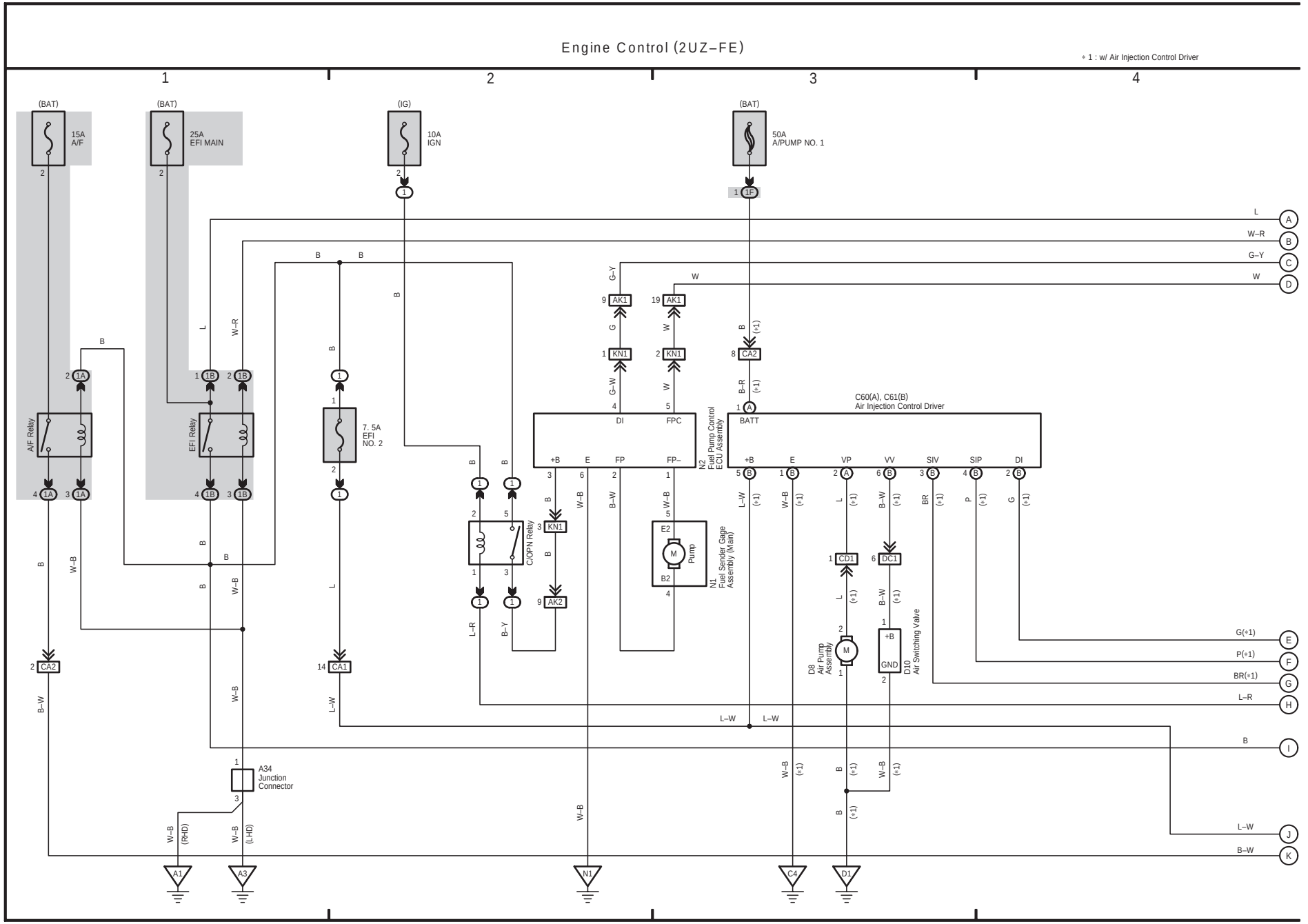

12 LAND CRUISER Station Wagon
Ignition (2UZ-FE)
1
2
3
4
(IG)
10A
INJ
2
1
B
15
CA1
B-R
B
C10
Noise Filter
(Ignition Bank 1)
C17
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil
Assembly No. 1
C13
Ignition Coil
Assembly No. 4
C11
Ignition Coil
Assembly No. 6
C51
Ignition Coil
Assembly No. 7
C15
Ignition Coil
Assembly No. 2
C6
Ignition Coil
Assembly No. 3
C8
Ignition Coil
Assembly No. 5
C53
Ignition Coil
Assembly No. 8
GND
+B
IGF1
IGF2
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGT7
IGT8
C43
Junction
Connector
ECM
<14-10><14-11>
C4
C5
W-B
B-R
B-Y
L-Y
L-B
G
G-B
G-R
G-W
R


Ignition (1GR–FE)
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
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)
C4
Ignition Coil Assembly No. 1
C15
Ignition Coil Assembly No. 2
C6(A), C130(B)
Ignition Coil Assembly No. 3
C13(A), C140(B)
Ignition Coil Assembly No. 4
C8
Ignition Coil Assembly No. 5
C11
Ignition Coil Assembly No. 6
+B
GND
IGT1
IGT2
IGT3
IGT4
IGT5
IGT6
IGF
(*1)
(*2)
C43
Junction
Connector
ECM
<15–10><15–11><59–10><59–11>
C2
C1

(Cont. next page)

Engine Control (2UZ–FE)

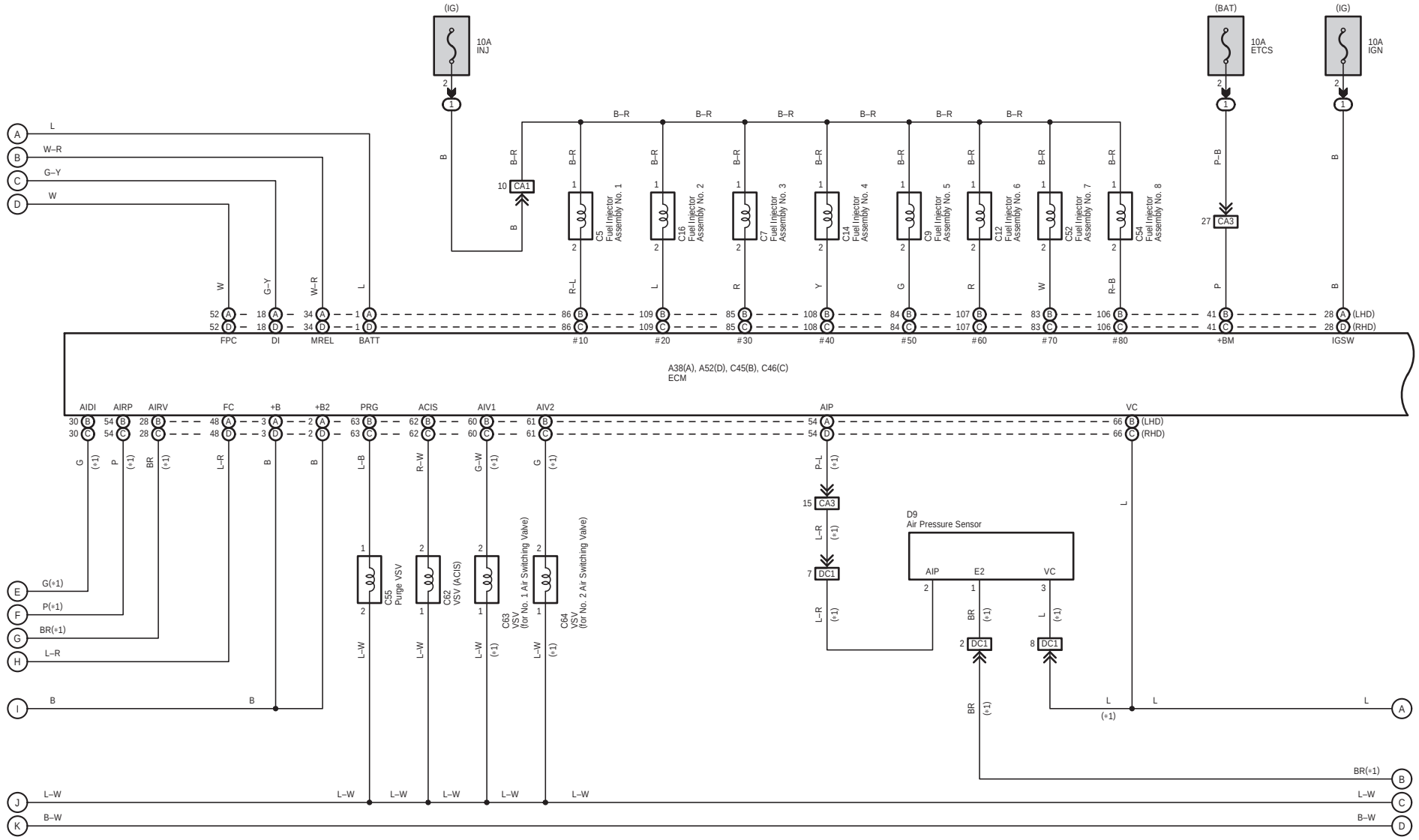
* 1 : w/ Air Injection Control Driver



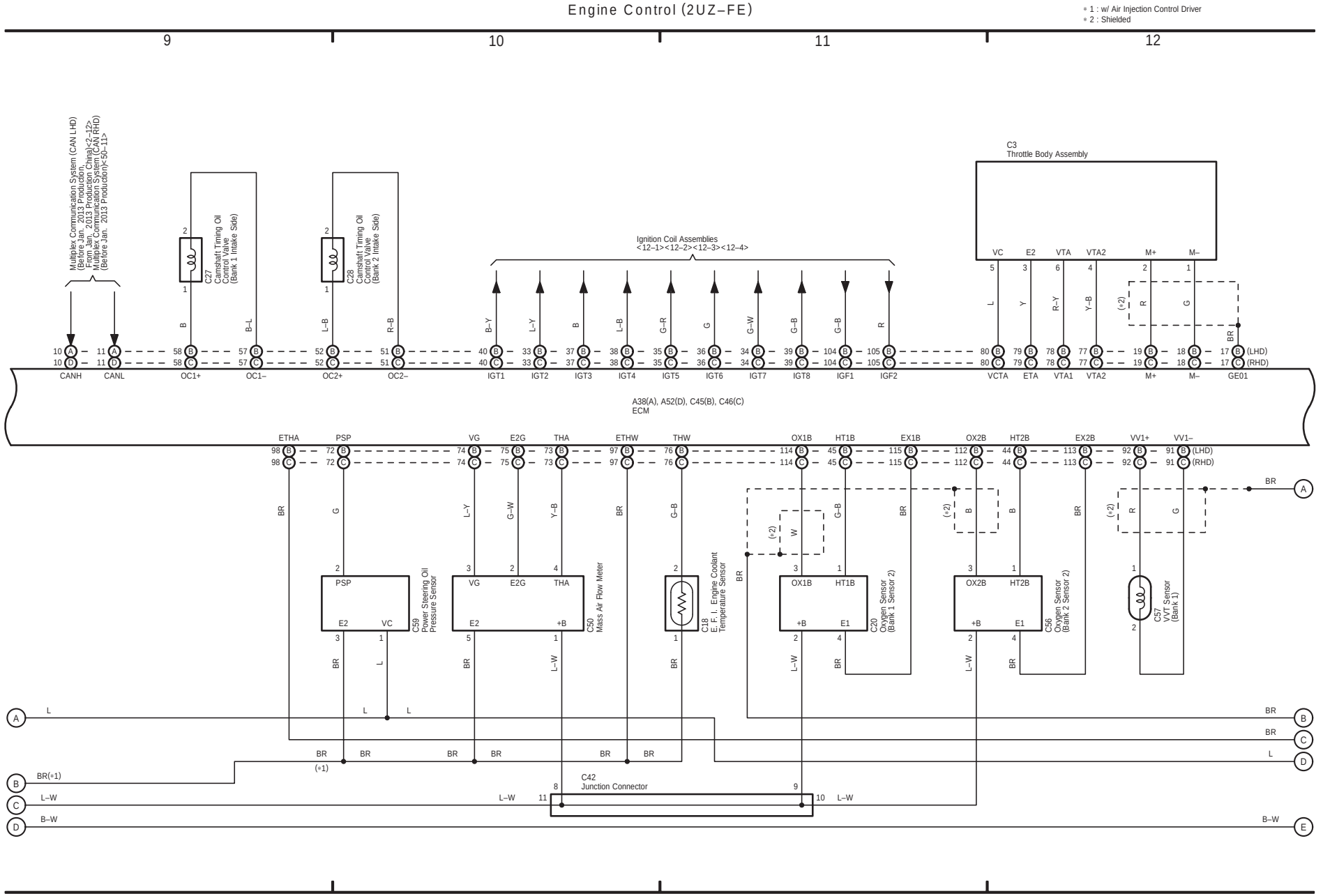
(Cont. next page)

Engine Control (2UZ–FE)

* 1 : w/ Air Injection Control Driver



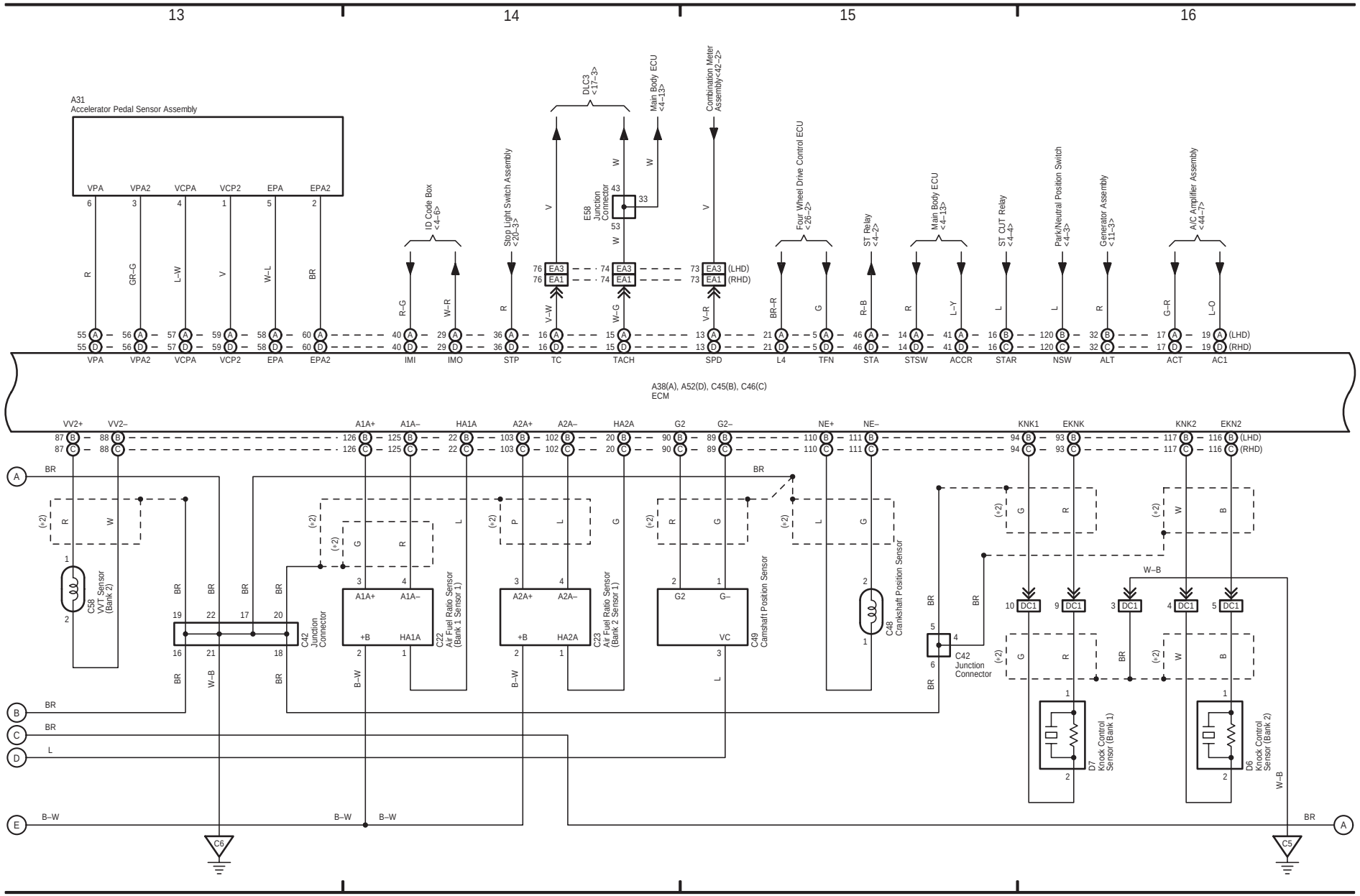
(Cont. next page)



(Cont. next page)

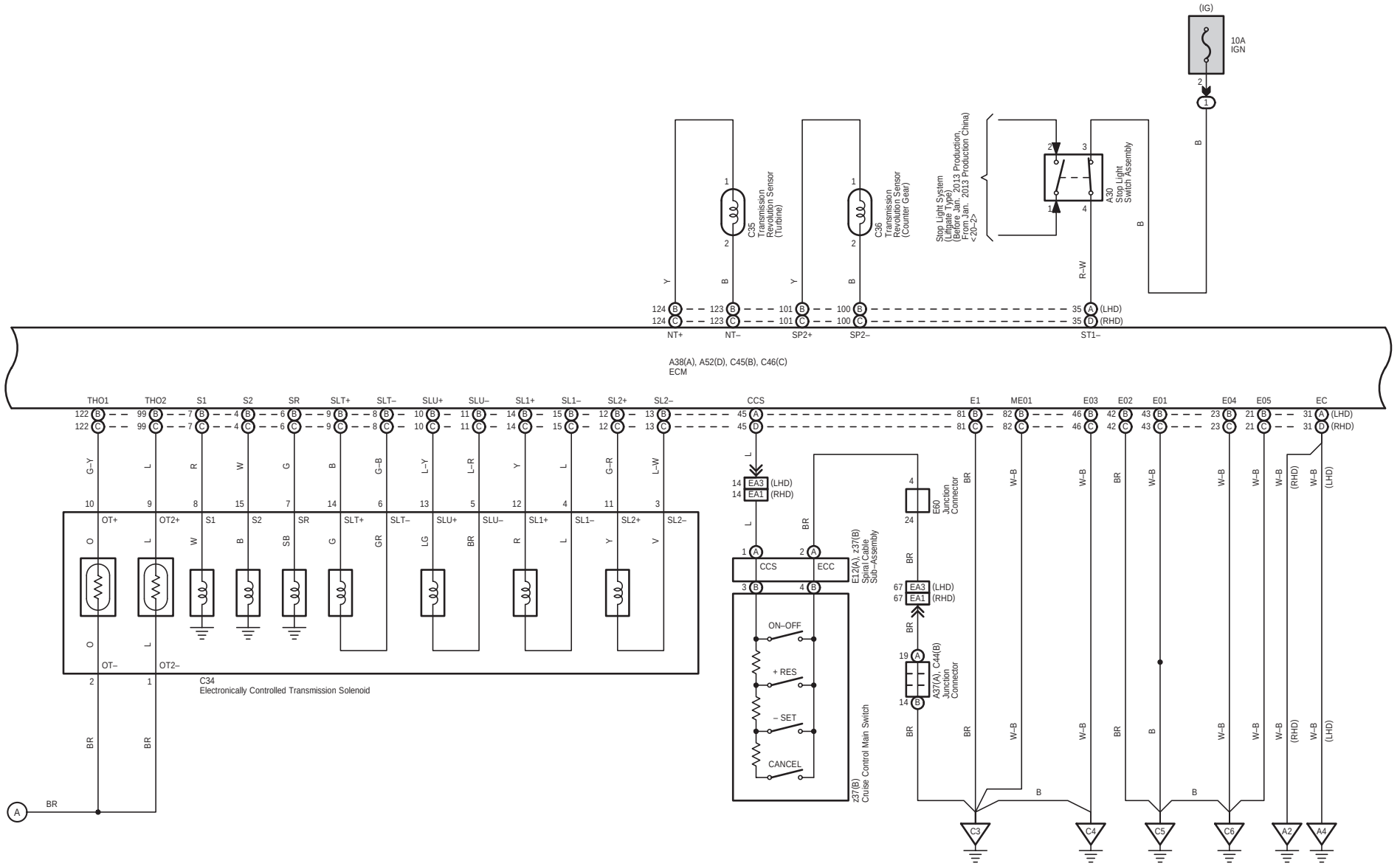
Engine Control (2UZ–FE)

* 2 : Shielded



(Cont. next page)

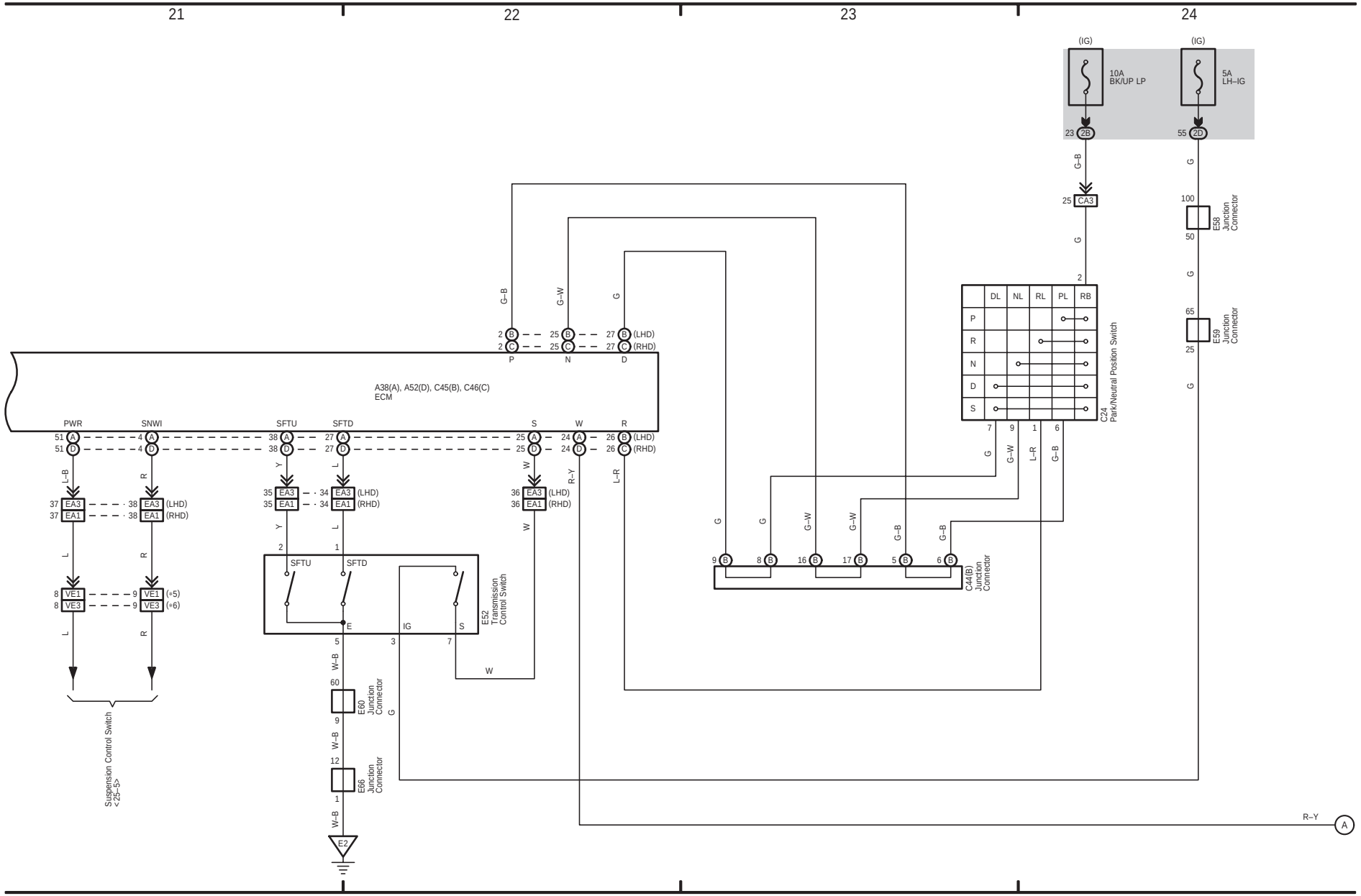
Cruise Control (2UZ–FE)



(Cont. next page)

ECT and A/T Indicator (2UZ–FE)

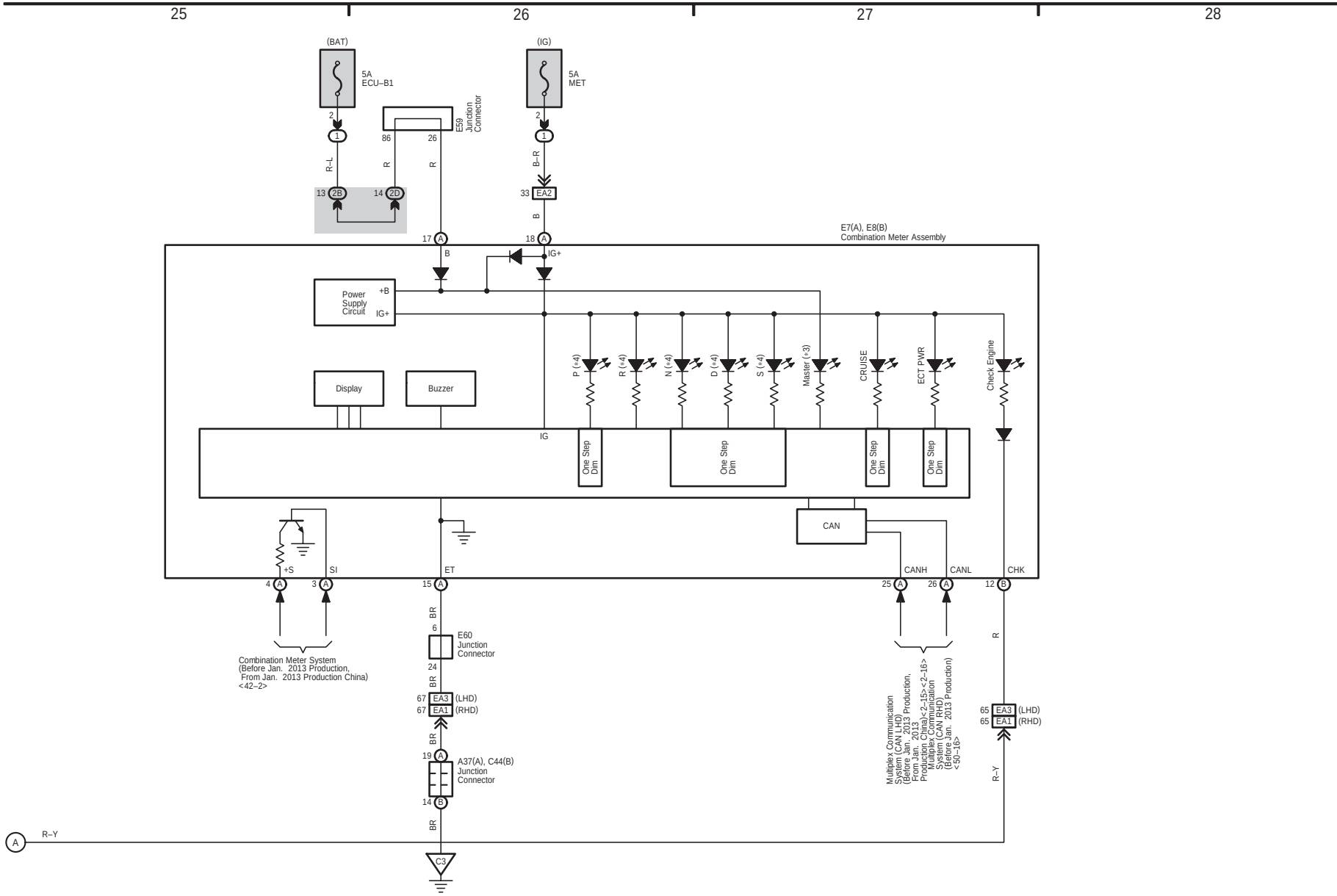
* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production



14 LAND CRUISER Station Wagon (Cont' d)

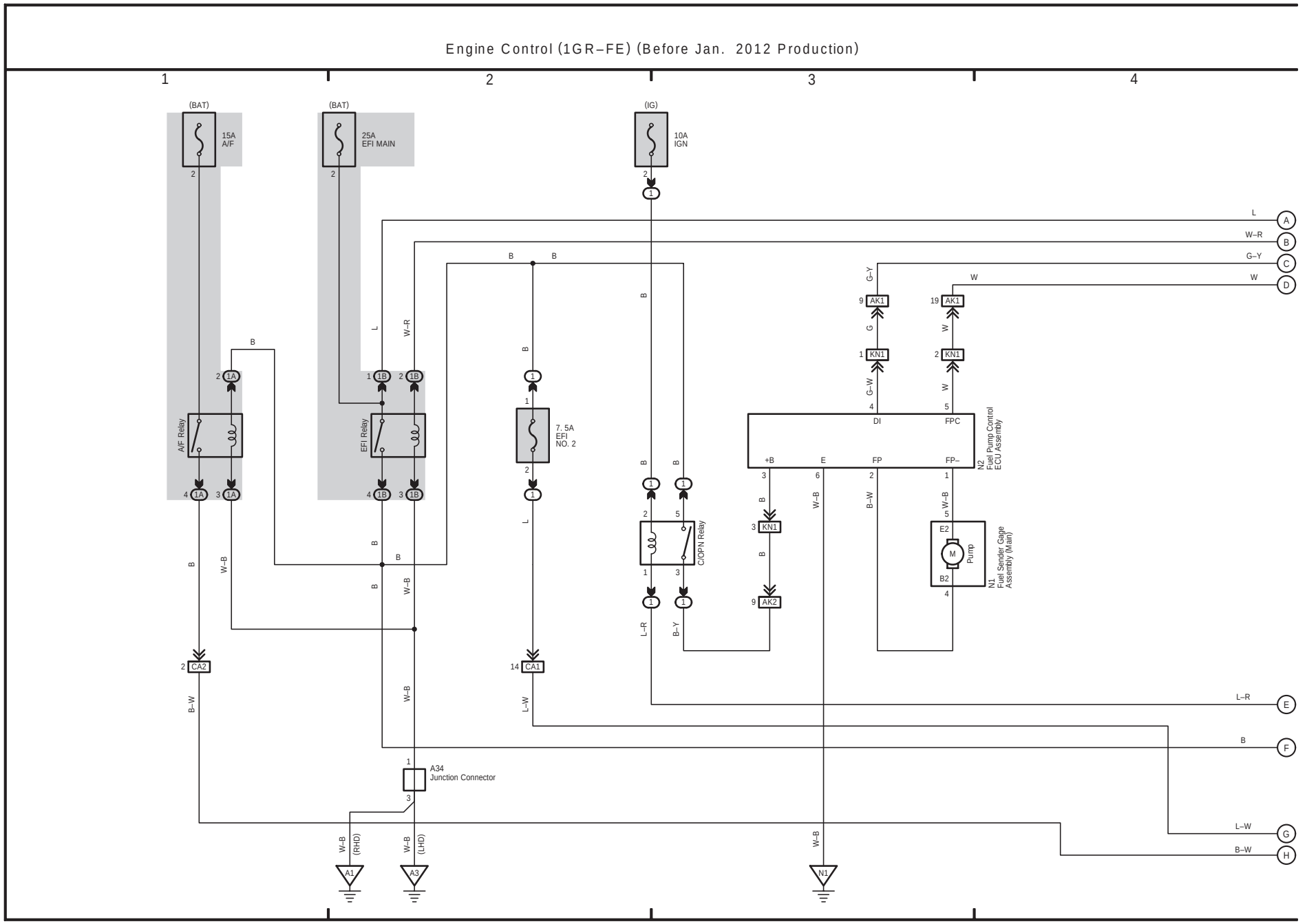
ECT and A/T Indicator (2UZ–FE)

* 3 : Optitron Meter
* 4 : Except Optitron Meter



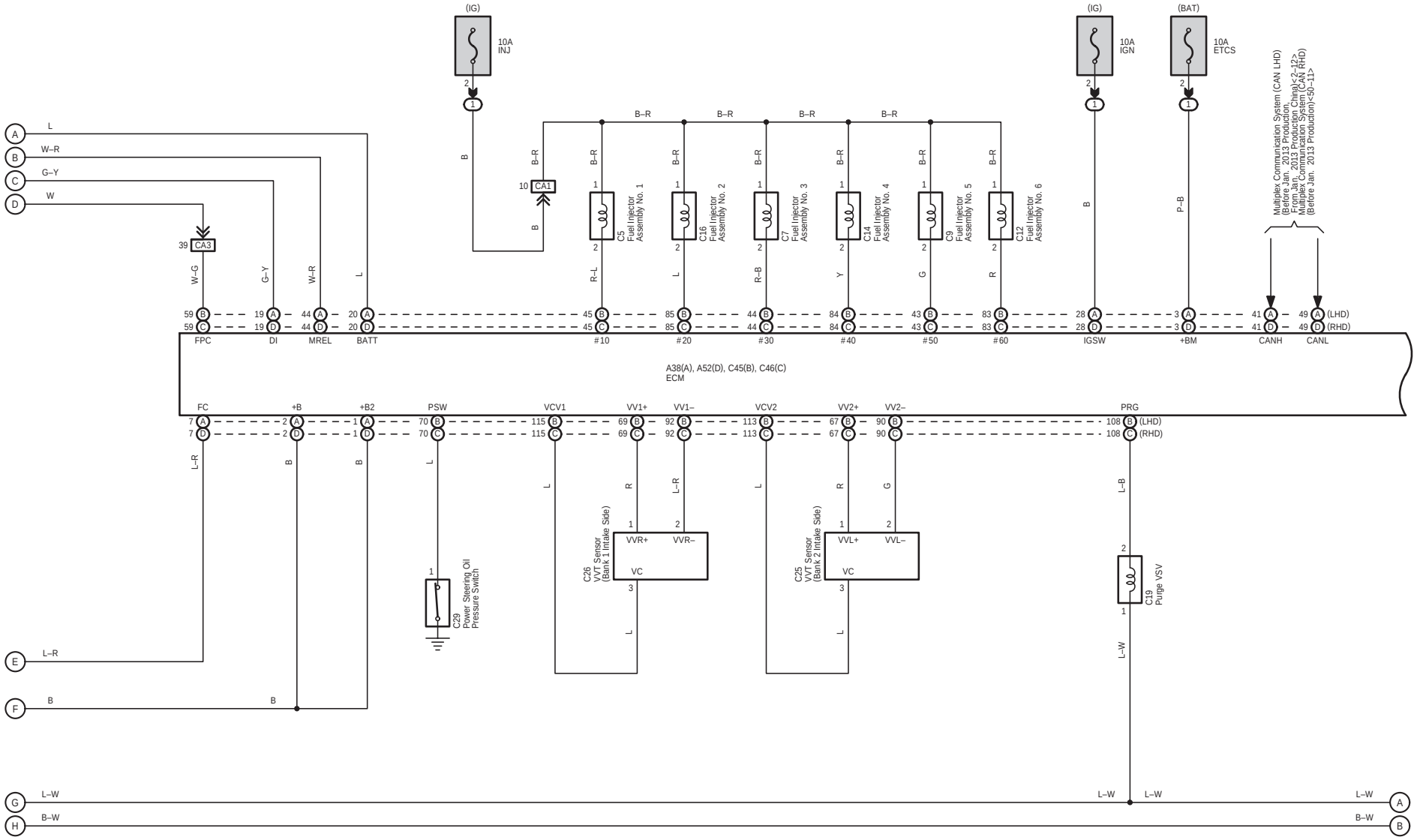
(Cont. next page)

Engine Control (1GR–FE) (Before Jan. 2012 Production)



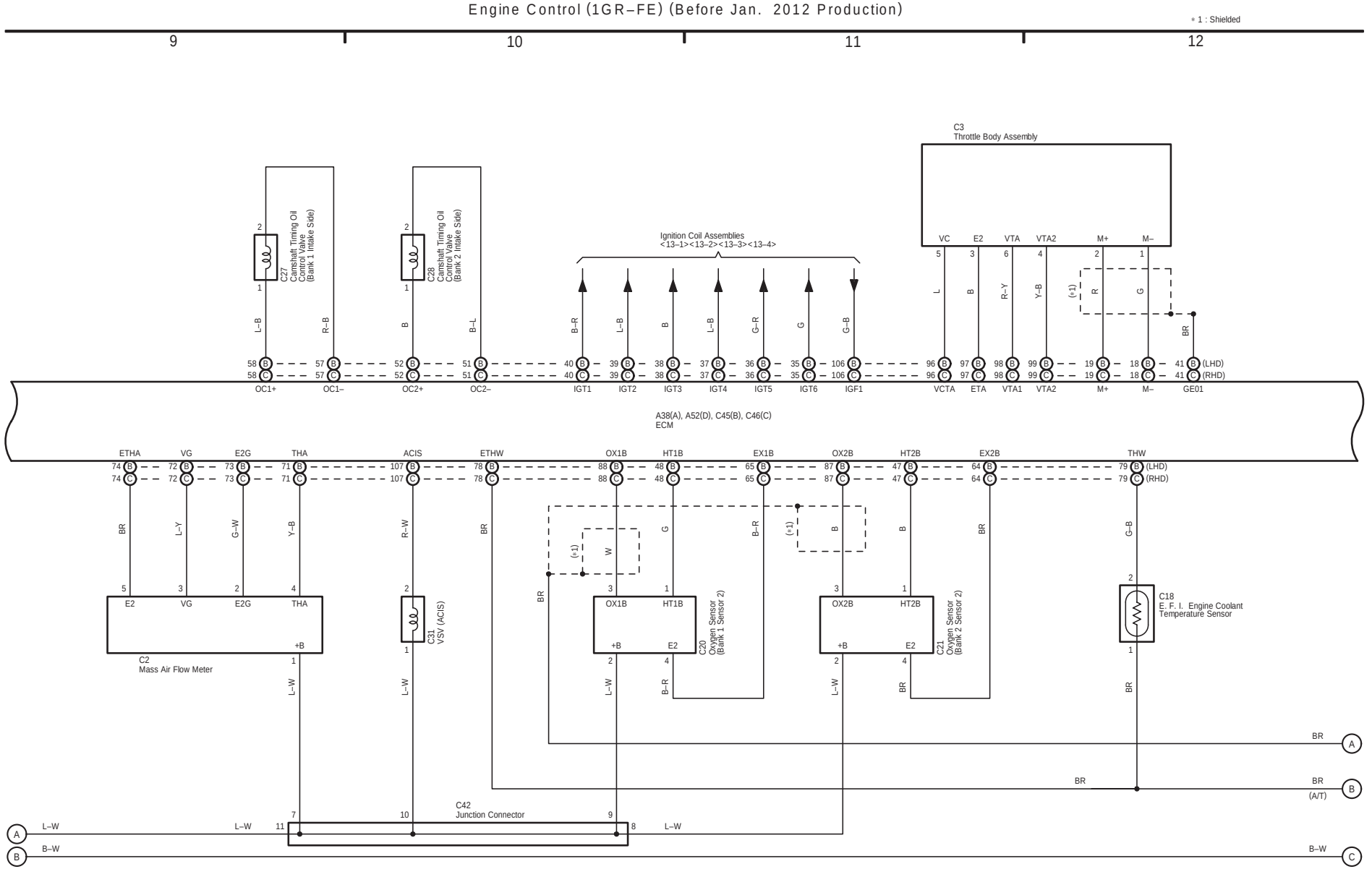
(Cont. next page)

Engine Control (1GR–FE) (Before Jan. 2012 Production)



(Cont. next page)

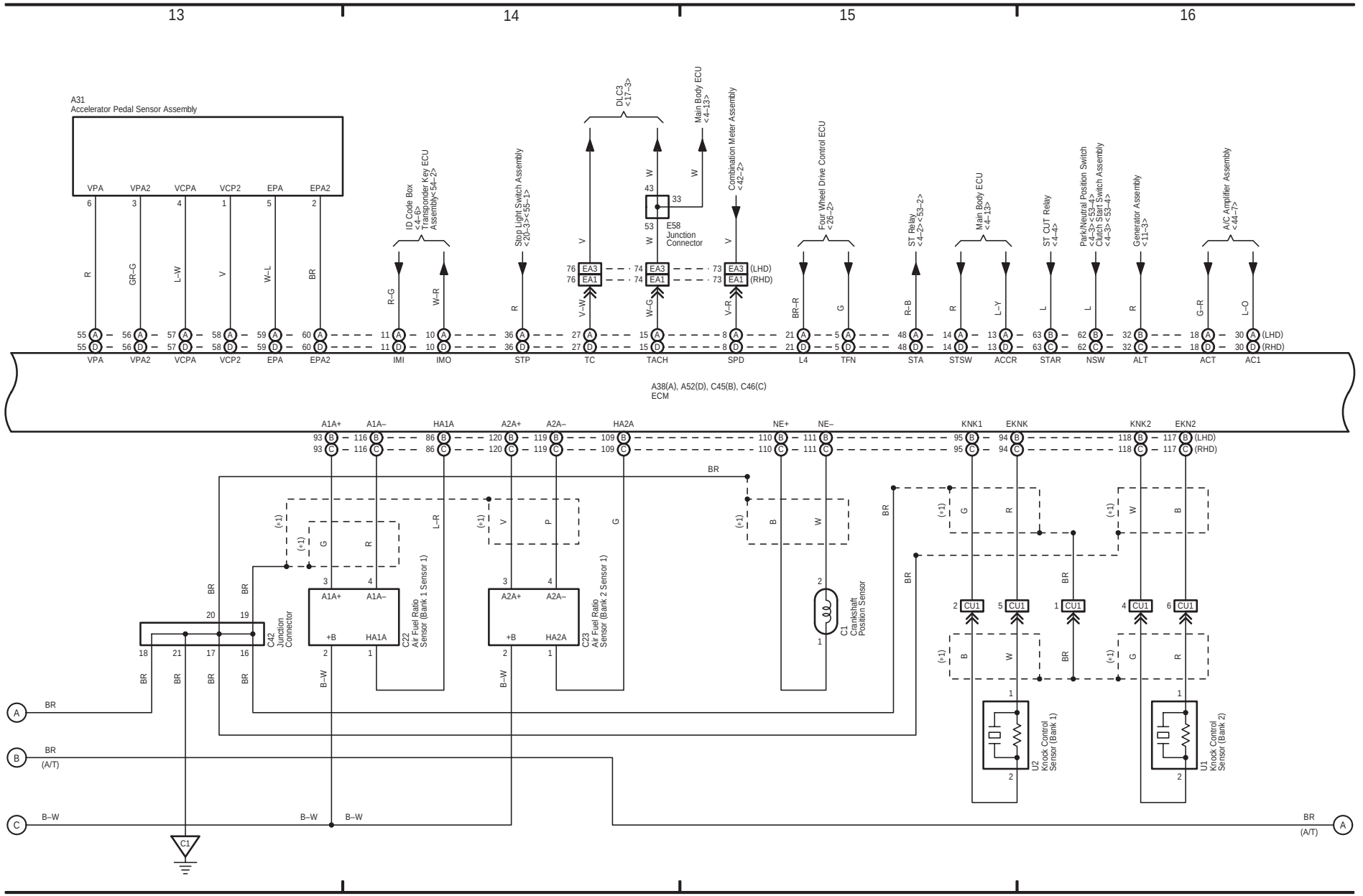
Engine Control (1GR–FE) (Before Jan. 2012 Production)



(Cont. next page)

Engine Control (1GR–FE) (Before Jan. 2012 Production)

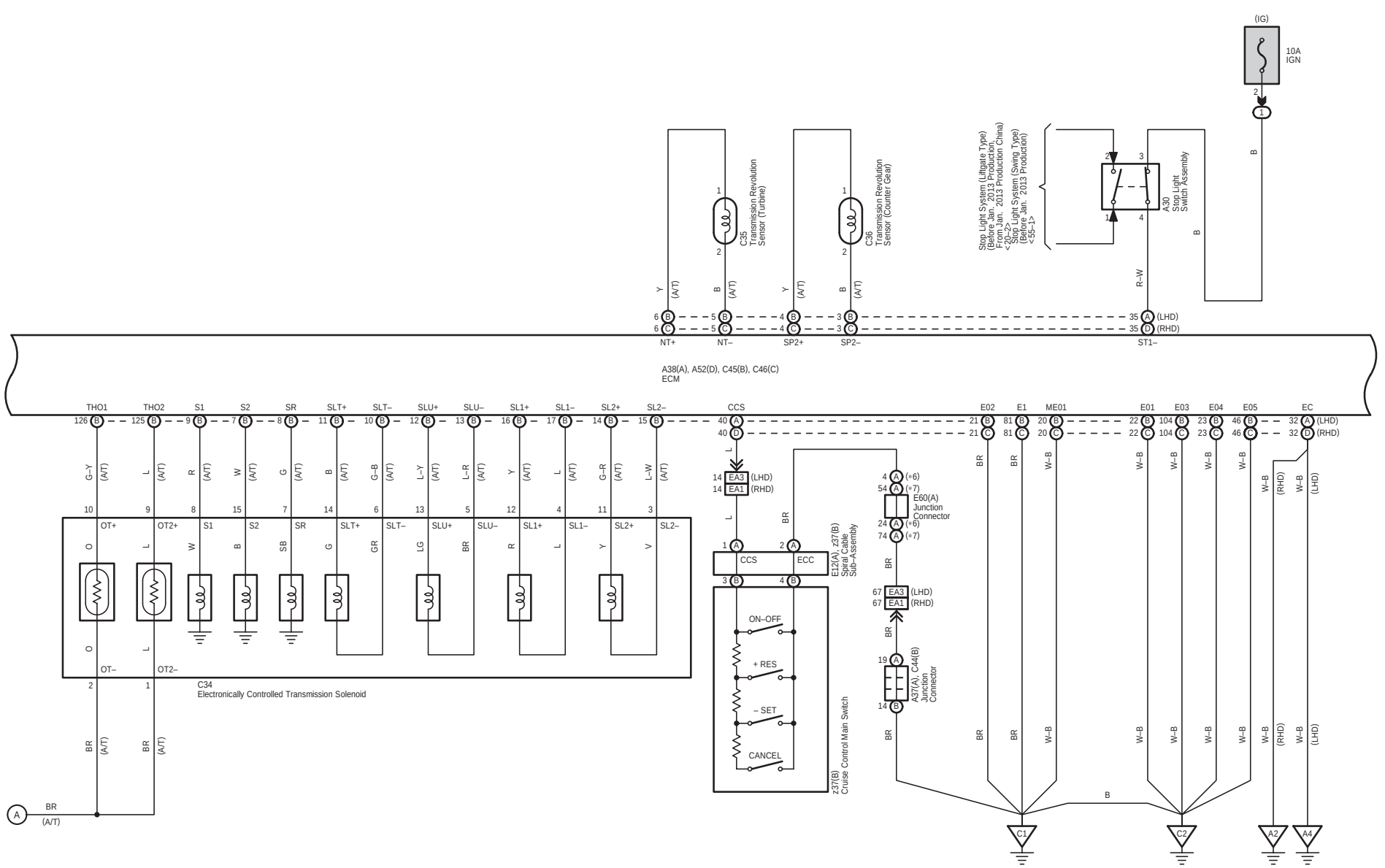
* 1 : Shielded



(Cont. next page)

Cruise Control (1GR–FE) (Before Jan. 2012 Production)

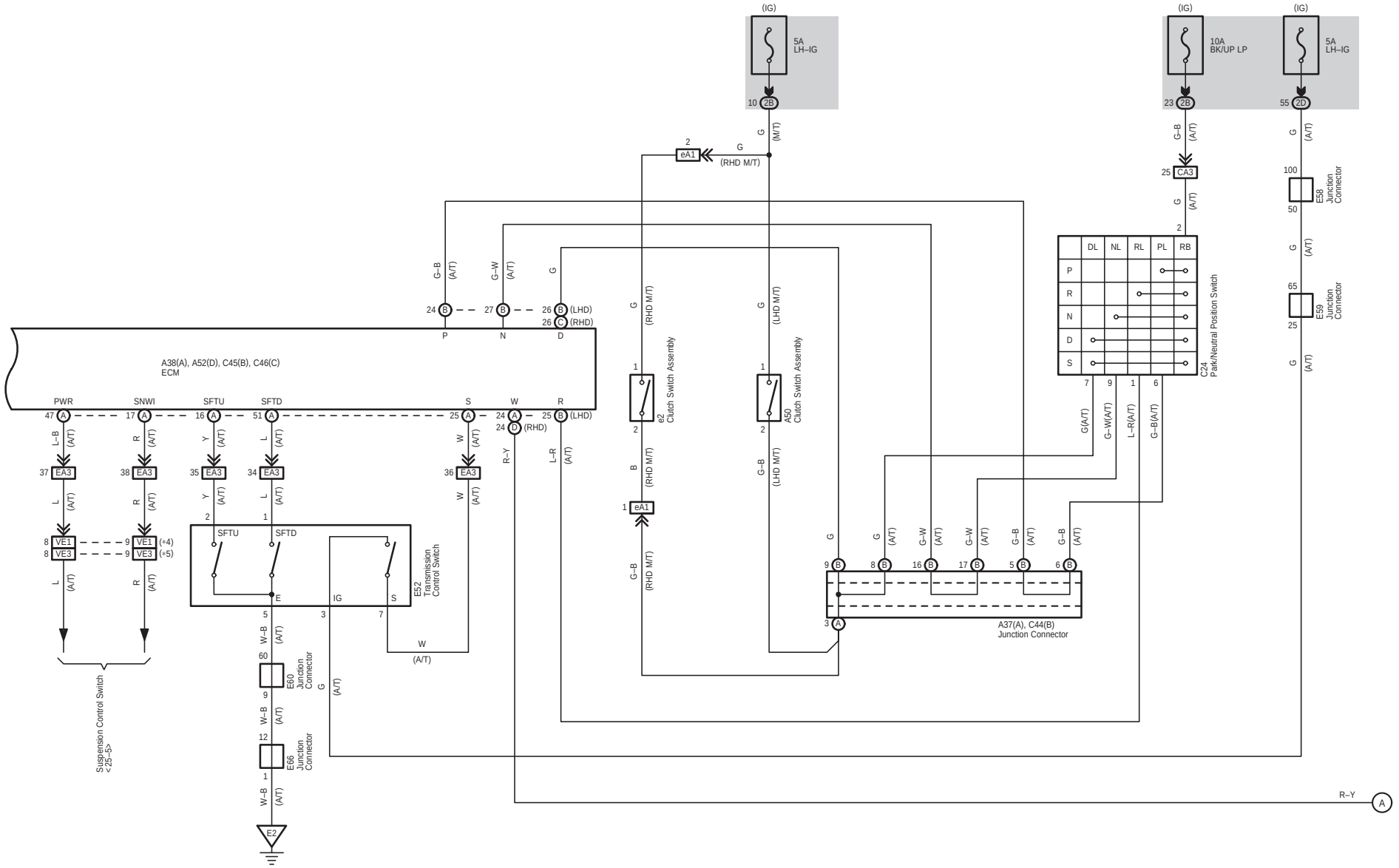
* 6 : Liftgate Type
* 7 : Swing Type

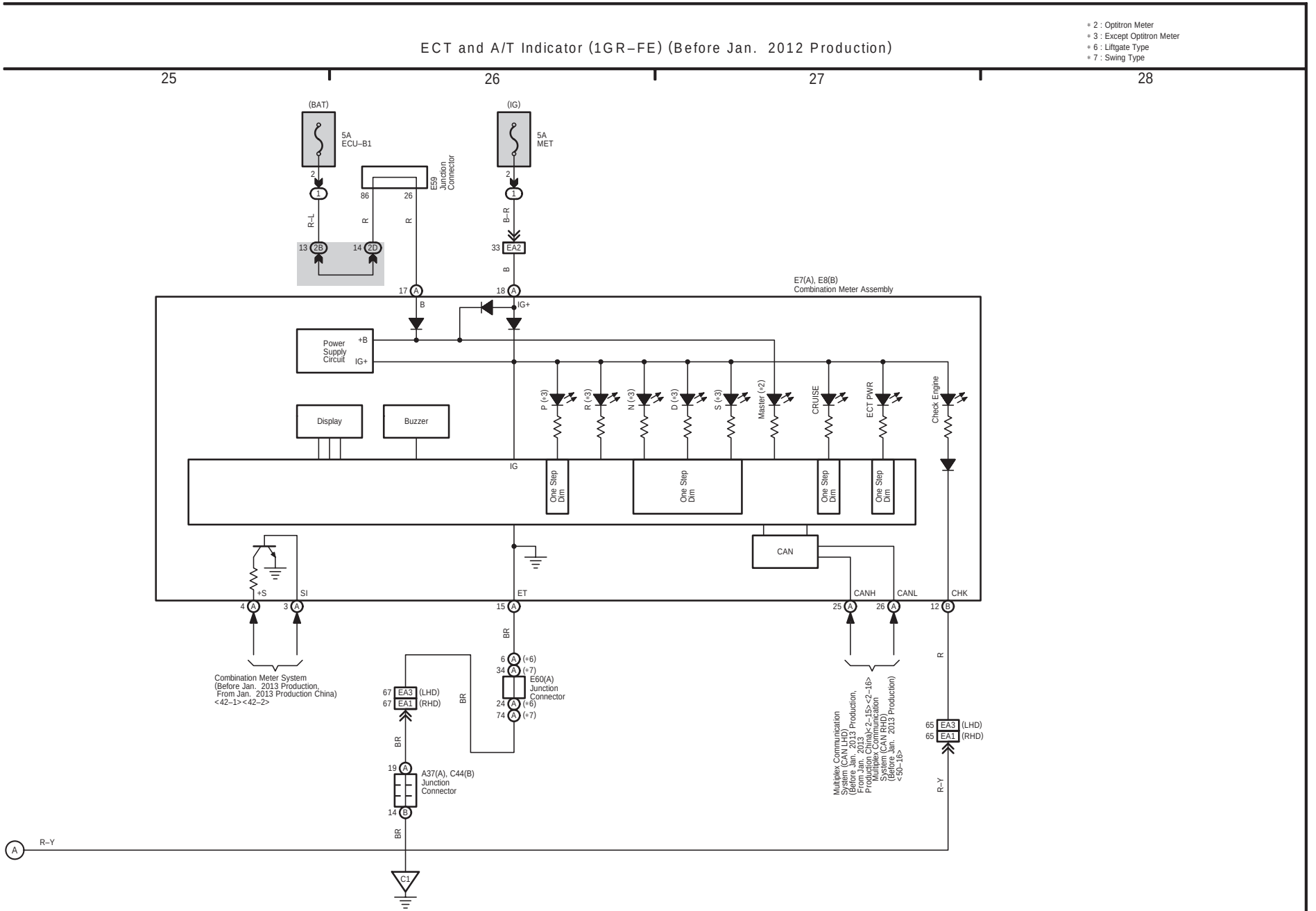


(Cont. next page)

ECT and A/T Indicator (1GR–FE) (Before Jan. 2012 Production)

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

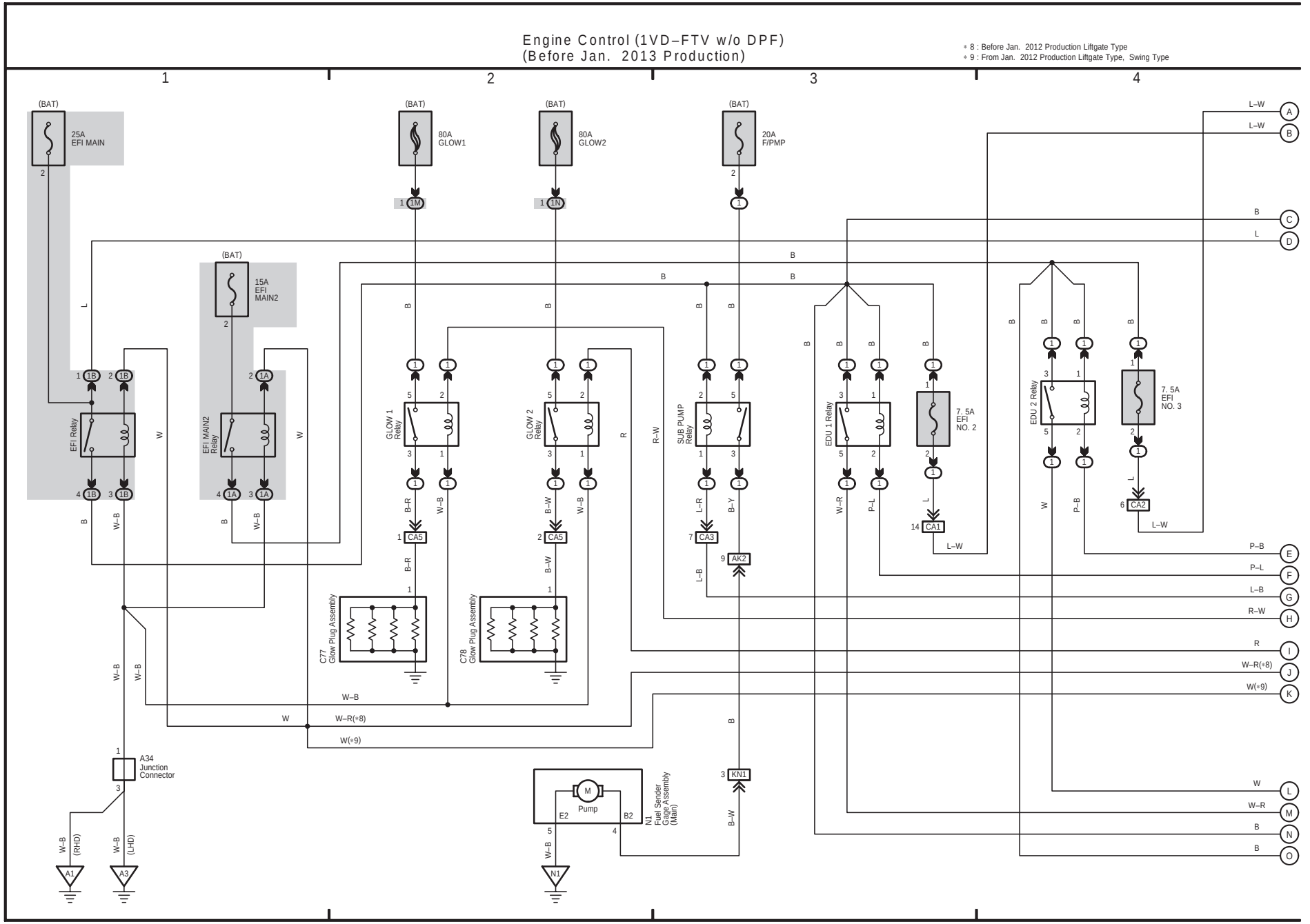



ECT and A/T Indicator (1GR–FE) (Before Jan. 2012 Production)
* 2 : Optitron Meter
* 3 : Except Optitron Meter
* 6 : Liftgate Type
* 7 : Swing Type
25
26
27
28
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
R–L
R
R
B–R
B
13 2B
14 2D
33 EA2
17 A
18 A
E7(A), E8(B)
Combination Meter Assembly
B
IG+
Power
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
R
6 A (*6)
34 A (*7)
E60(A)
Junction
Connector
24 A (*5)
74 A (*7)
67 EA3 (LHD)
67 EA1 (RHD)
BR
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B
BR
Combination Meter System
(Before Jan. 2013 Production,
From Jan. 2013 Production China)
<42–1><42–2>
Multiplex Communication
System (CAN LHD)
(Before Jan. 2013 Production,
From Jan. 2013
Production China)<2–15><2–16>
Multiplex Communication
System (CAN RHD)
(Before Jan. 2013 Production)
<50–16>
65 EA3 (LHD)
65 EA1 (RHD)
R–Y
A
R–Y
C1

(Cont. next page)

Engine Control (1VD–FTV w/o DPF)
(Before Jan. 2013 Production)

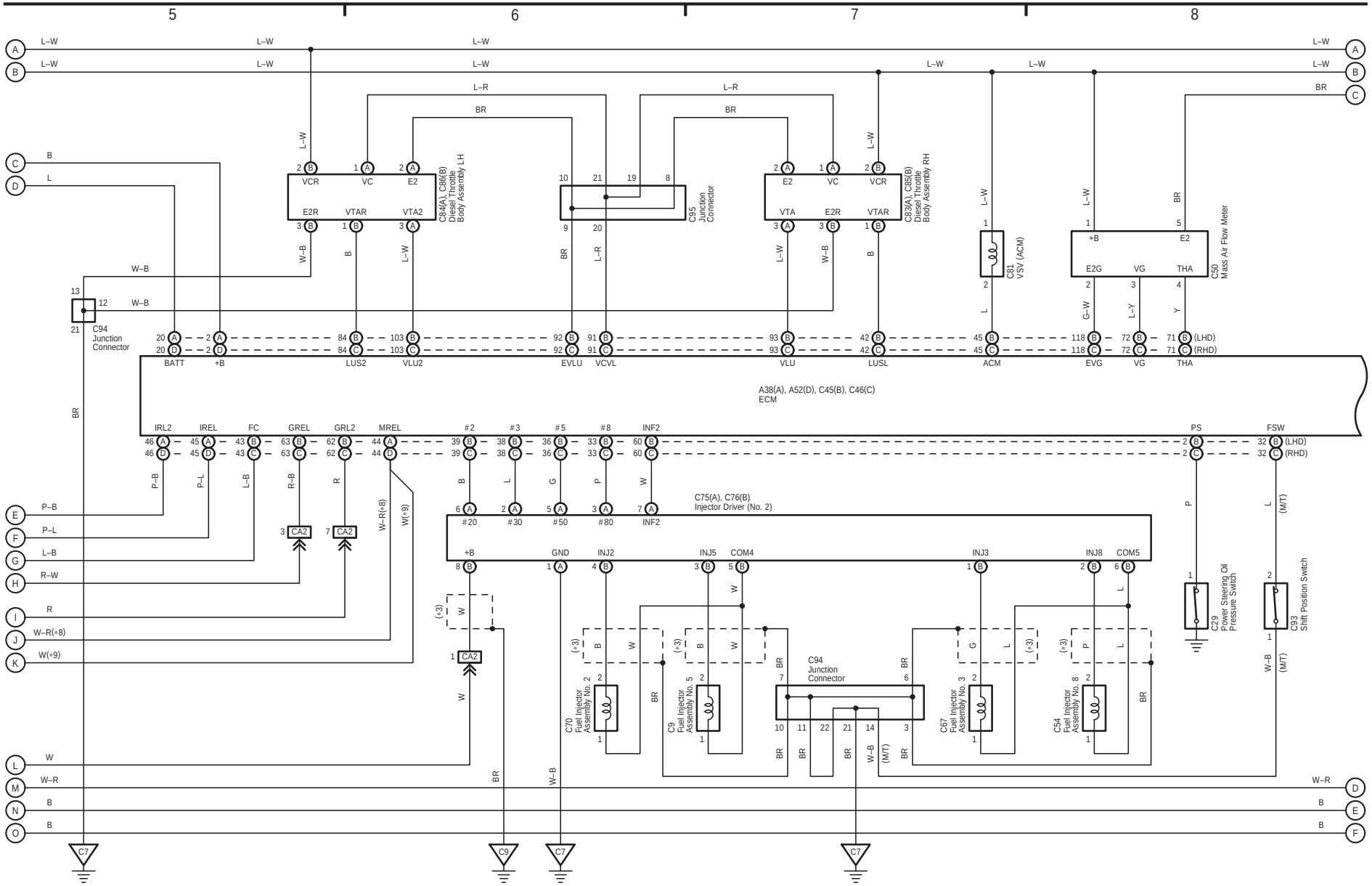
* 8 : Before Jan. 2012 Production Liftgate Type
* 9 : From Jan. 2012 Production Liftgate Type, Swing Type



(Cont. next page)

Engine Control (1VD–FTV w/o DPF) (Before Jan. 2013 Production)

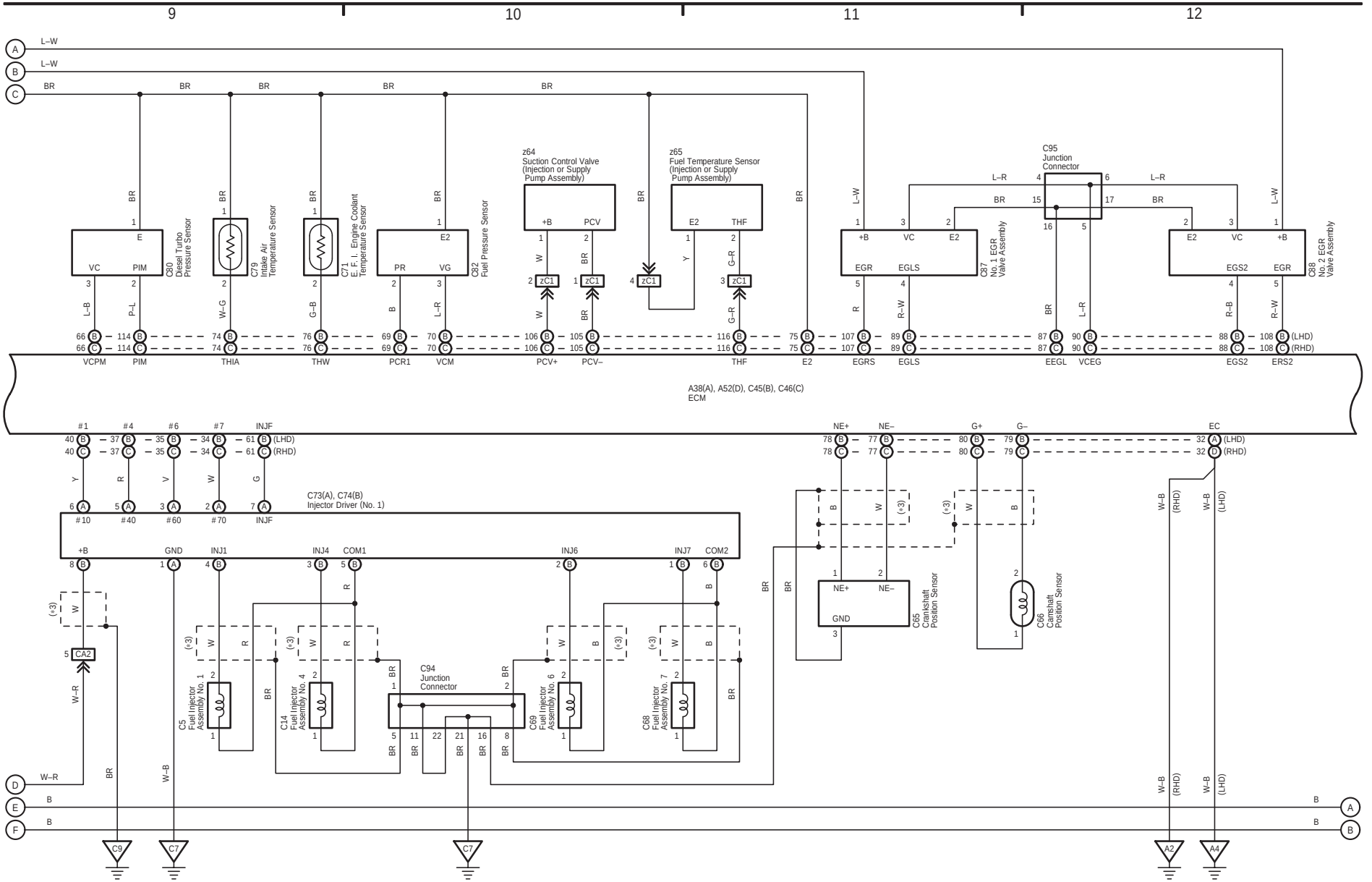
∗ 3 : Shielded
∗ 8 : Before Jan. 2012 Production Liftgate Type
∗ 9 : From Jan. 2012 Production Liftgate Type, Swing Type



(Cont. next page)

Engine Control (1VD–FTV w/o DPF)
(Before Jan. 2013 Production)

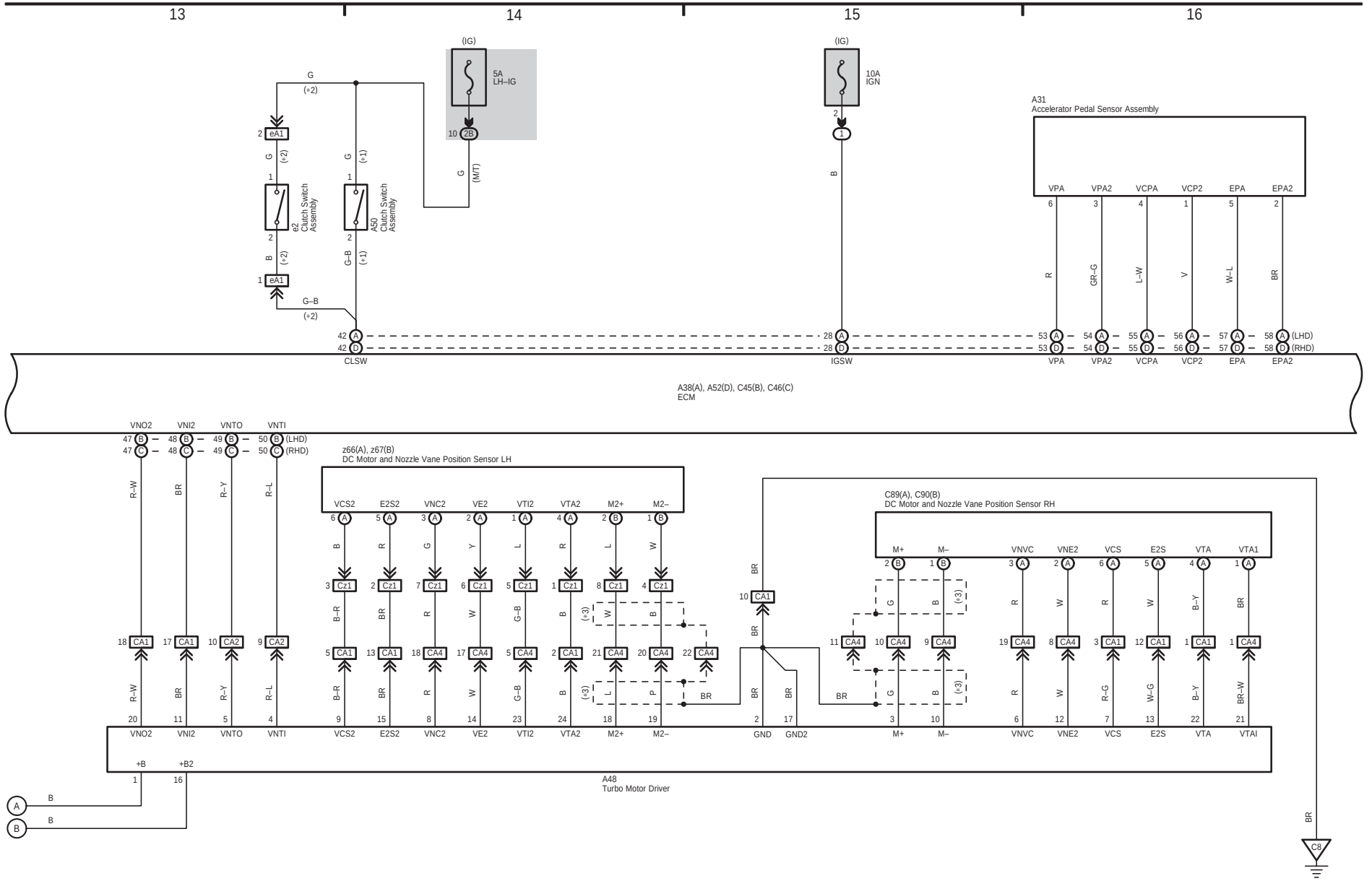
∗ 3 : Shielded



(Cont. next page)

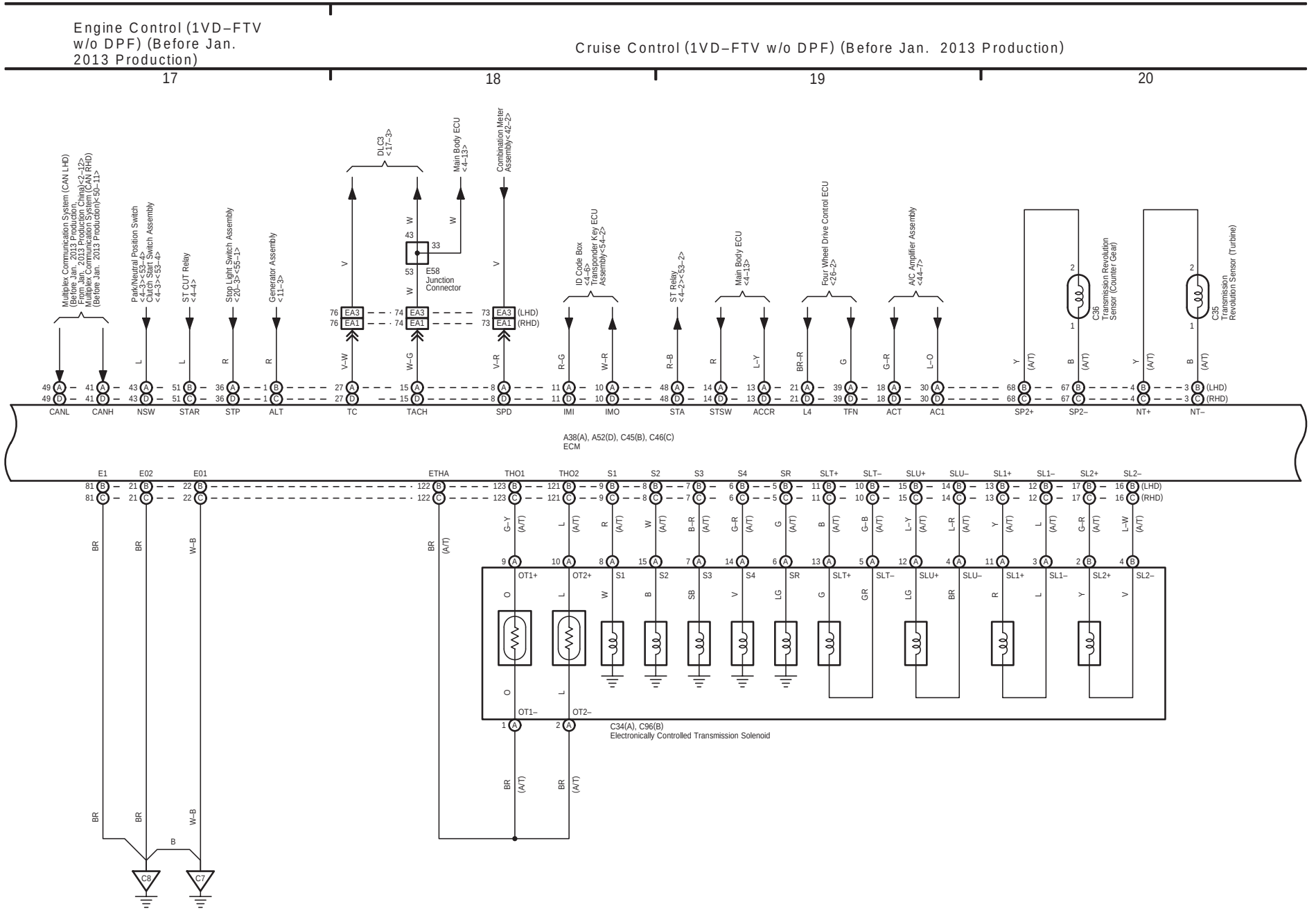
Engine Control (1VD–FTV w/o DPF)
(Before Jan. 2013 Production)

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



M

(Cont. next page)



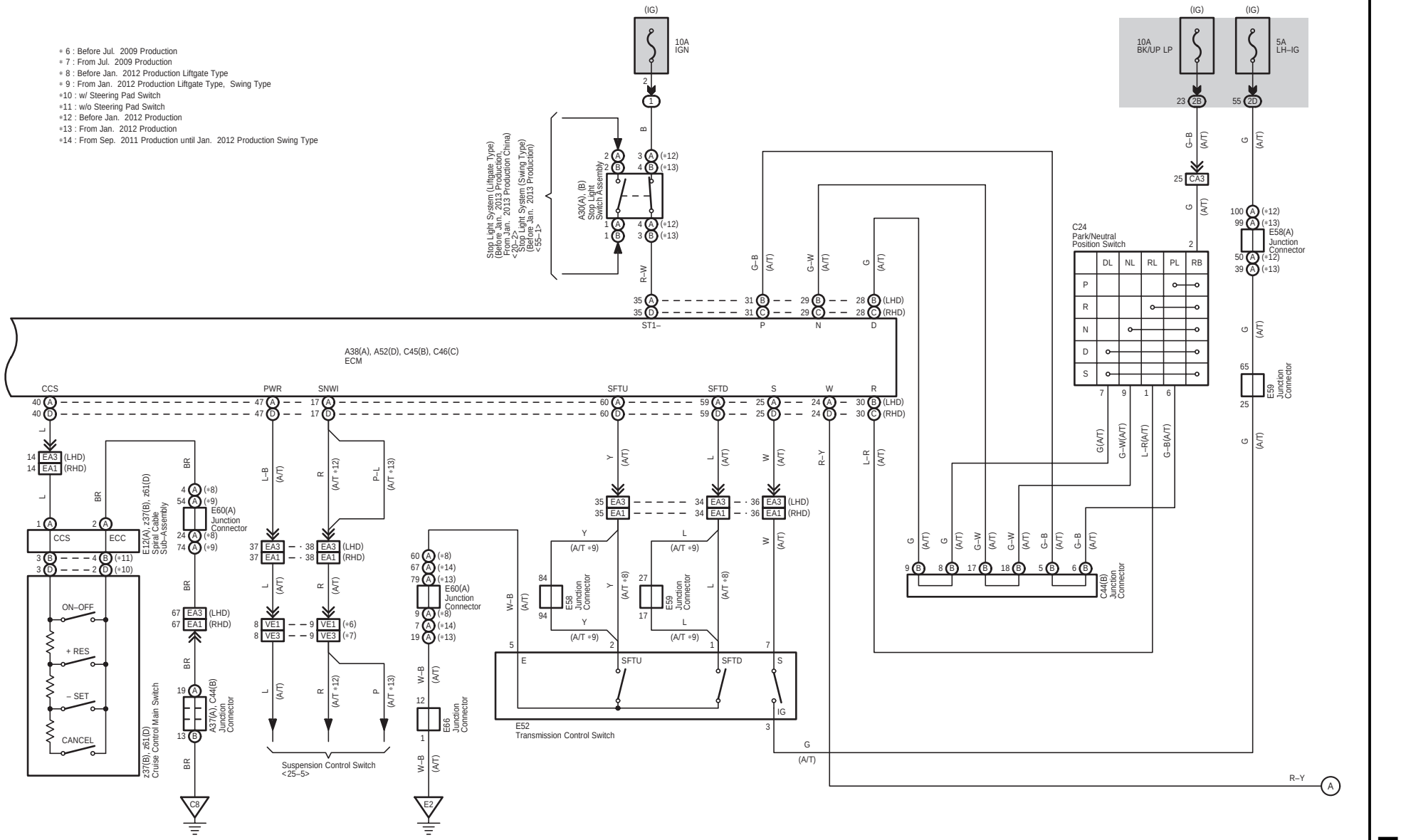
(Cont. next page)

Cruise Control
(1VD–FTV w/o DPF)
(Before Jan. 2013 Production)

ECT and A/T Indicator (1VD–FTV w/o DPF) (Before Jan. 2013 Production)

21 22 23 24

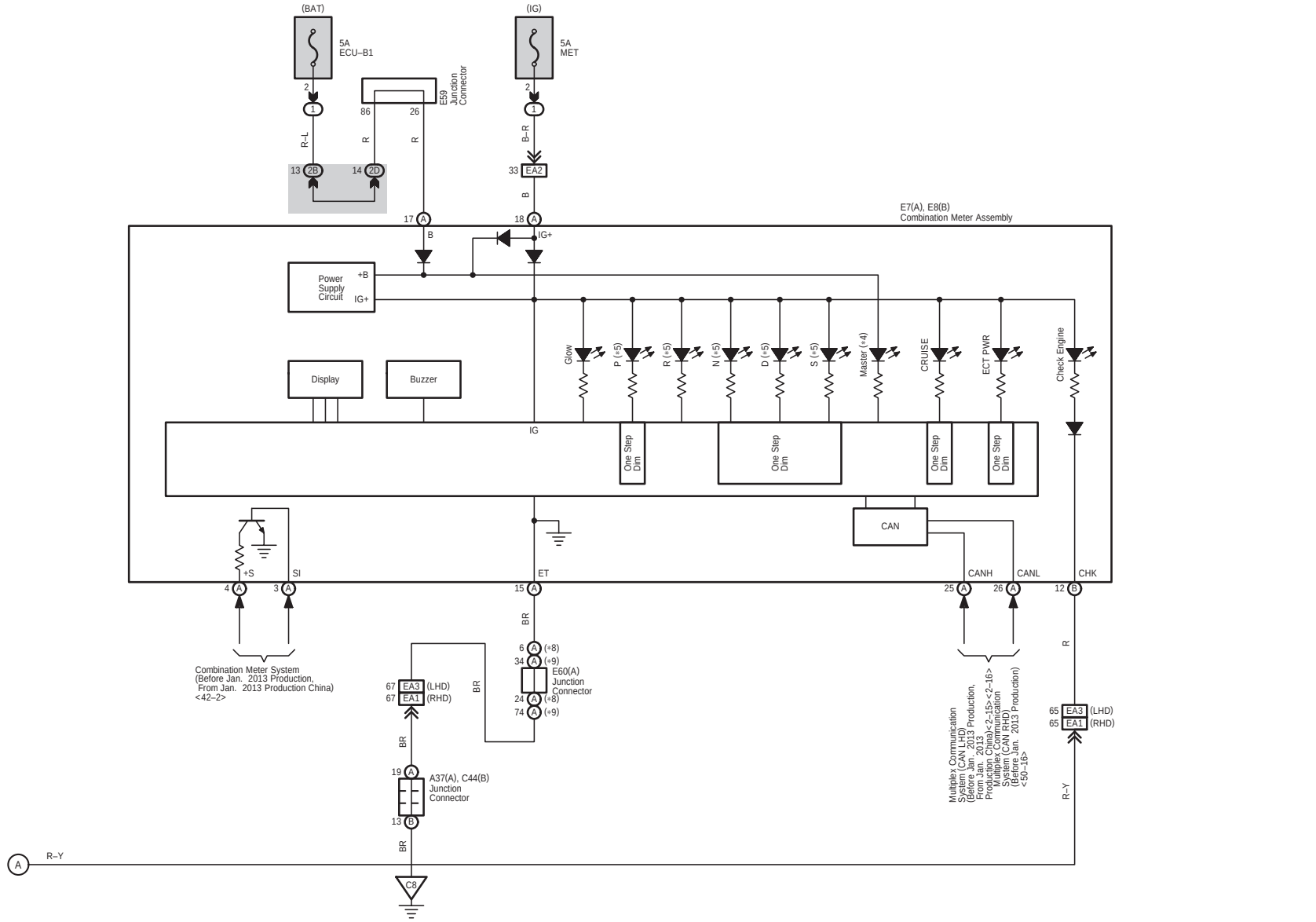
∗6 : Before Jul. 2009 Production
∗7 : From Jul. 2009 Production
∗8 : Before Jan. 2012 Production Liftgate Type
∗9 : From Jan. 2012 Production Liftgate Type, Swing Type
∗10 : w/ Steering Pad Switch
∗11 : w/o Steering Pad Switch
∗12 : Before Jan. 2012 Production
∗13 : From Jan. 2012 Production
∗14 : From Sep. 2011 Production until Jan. 2012 Production Swing Type

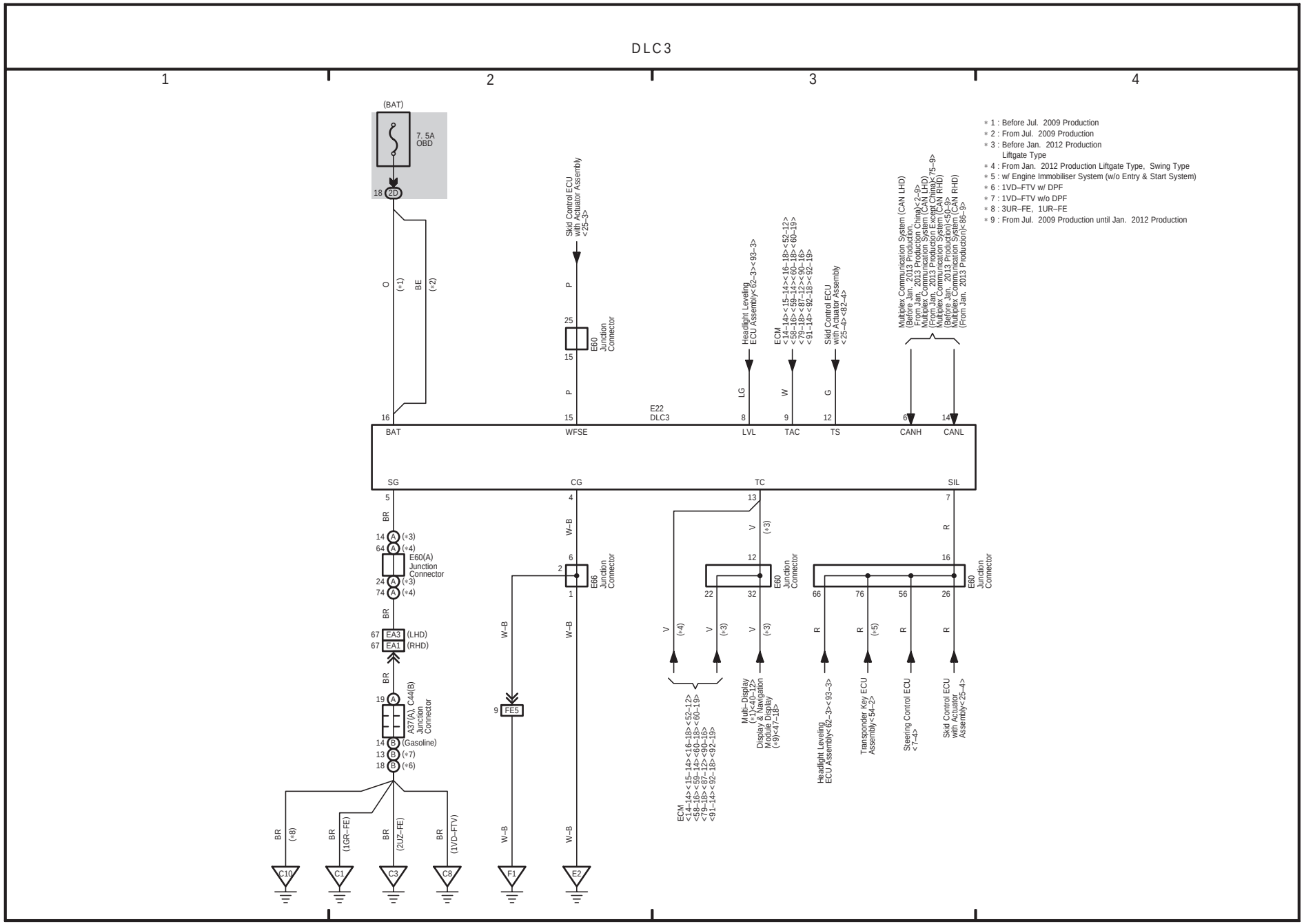


16 LAND CRUISER Station Wagon (Cont' d)

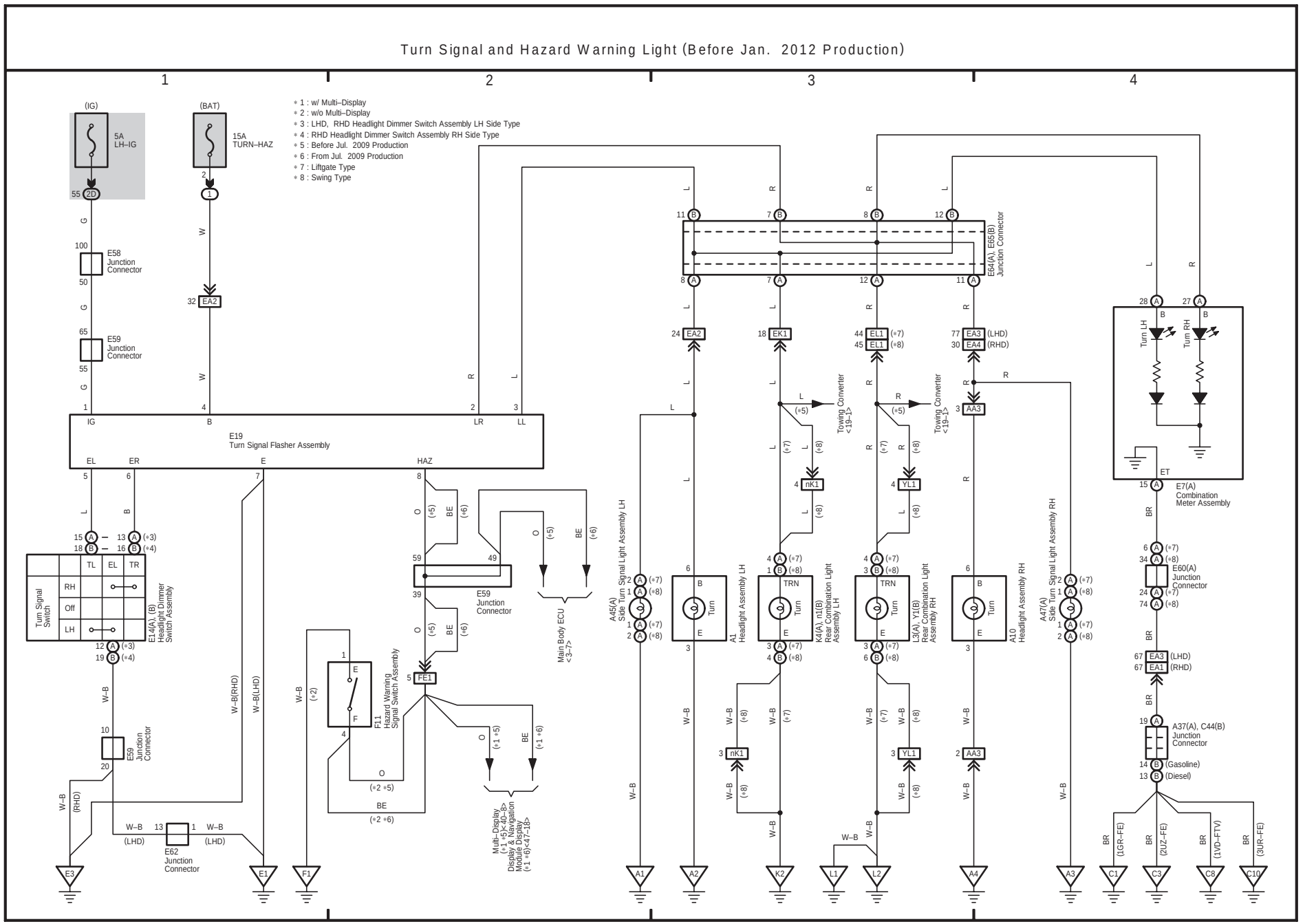
ECT and A/T Indicator (1VD–FTV w/o DPF)
(Before Jan. 2013 Production)

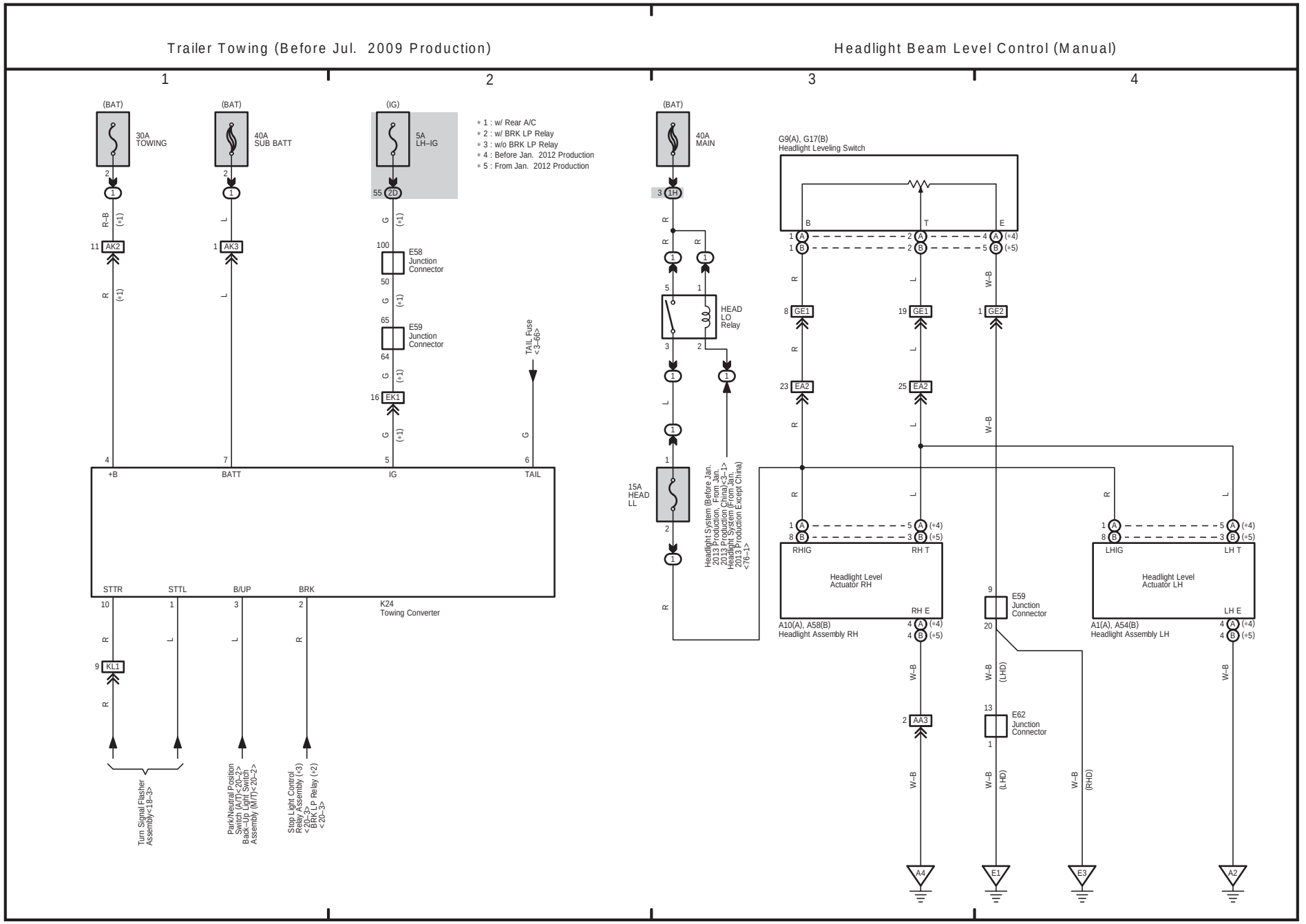
* 4 : Optitron Meter
* 5 : Except Optitron Meter
* 8 : Before Jan. 2012 Production Liftgate Type
* 9 : From Jan. 2012 Production Liftgate Type, Swing Type




DLC3
1
2
3
4
(BAT)
7. 5A
OBD
18 2D
O
(*1)
BE
(*2)
Skid Control ECU
with Actuator Assembly
<25–3>
P
25
15
E60
Junction
Connector
P
16
15
E22
DLC3
Headlight Leveling
ECU Assembly<62–3><93–3>
LG
8
ECM
< 14–14><15–14><16–18><52–12>
<58–16><59–14><60–18><60–19>
<79–18><87–12><90–16>
<91–14><92–18><92–19>
W
9
Skid Control ECU
with Actuator Assembly
<25–4><82–4>
G
12
Multiplex Communication System (CAN LHD)
(Before Jan. 2013 Production,
From Jan. 2013 Production China)<2–9>
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production, Except China)<75–9>
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)<50–3>
Multiplex Communication System (CAN RHD)
(From Jan. 2013 Production)<86–9>
6
14
BAT
WFSE
LVL
TAC
TS
CANH
CANL
SG
CG
TC
SIL
5
BR
14 A (*3)
64 A (*4)
E60(A)
Junction
Connector
24 A (*3)
74 A (*4)
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (*7)
18 B (*6)
BR (*8)
BR (1GR–FE)
BR (2UZ–FE)
BR (1VD–FTV)
C10
C1
C3
C8
4
W–B
6
2
E66
Junction
Connector
1
W–B
9 FE5
W–B
F1
W–B
E2
13
V
(*3)
12
E60
Junction
Connector
22
32
V (*4)
V (*3)
V (*3)
ECM
<14–14><15–14><16–18><52–12>
<58–16><59–14><60–18><60–19>
<79–18><87–12><90–16>
<91–14><92–18><92–19>
Multi–Display
(*1)<40–12>
Display & Navigation
Module Display
(*9)<47–18>
7
R
16
E60
Junction
Connector
66
76
56
26
R
R (*5)
R
R
Headlight Leveling
ECU Assembly<62–3><93–3>
Transponder Key ECU
Assembly<54–2>
Steering Control ECU
<7–4>
Skid Control ECU
with Actuator
Assembly<25–4>
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Before Jan. 2012 Production
Liftgate Type
* 4 : From Jan. 2012 Production Liftgate Type, Swing Type
* 5 : w/ Engine Immobiliser System (w/o Entry & Start System)
* 6 : 1VD–FTV w/ DPF
* 7 : 1VD–FTV w/o DPF
* 8 : 3UR–FE, 1UR–FE
* 9 : From Jul. 2009 Production until Jan. 2012 Production

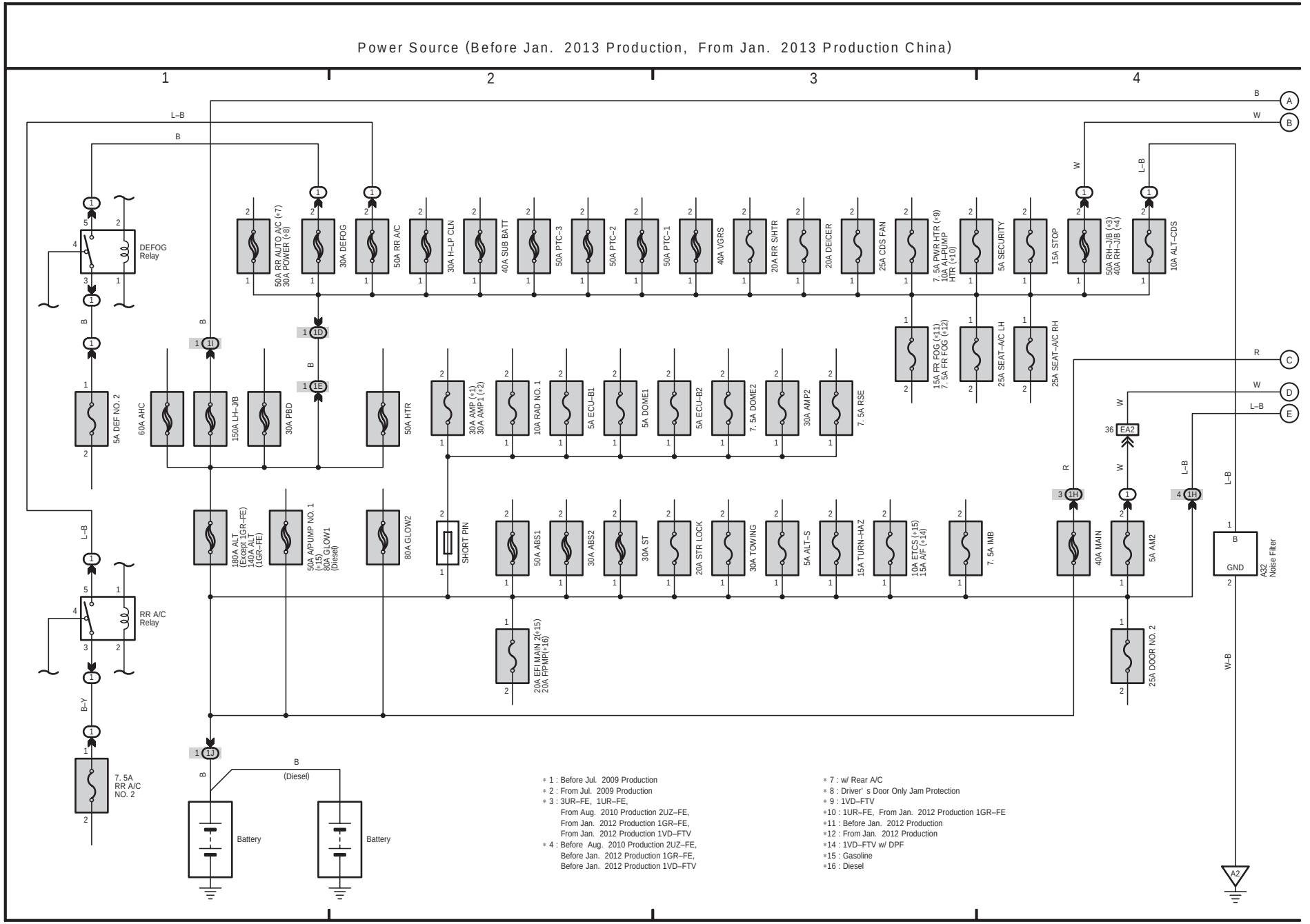
Turn Signal and Hazard Warning Light (Before Jan. 2012 Production)




Trailer Towing (Before Jul. 2009 Production)
Headlight Beam Level Control (Manual)
1
2
3
4
(BAT)
30A
TOWING
40A
SUB BATT
(IG)
5A
LH–IG
* 1 : w/ Rear A/C
* 2 : w/ BRK LP Relay
* 3 : w/o BRK LP Relay
* 4 : Before Jan. 2012 Production
* 5 : From Jan. 2012 Production
E58
Junction
Connector
E59
Junction
Connector
TAIL Fuse
<3–6B>
+B
BATT
IG
TAIL
STTR
STTL
B/UP
BRK
K24
Towing Converter
Turn Signal Flasher
Assembly<18–3>
Park/Neutral Position
Switch (A/T)<20–2>
Back–Up Light Switch
Assembly (M/T)<20–2>
Stop Light Control
Relay Assembly (*3)
<20–1>
BRK LP Relay (*2)
<20–3>
40A
MAIN
15A
HEAD
LL
HEAD
LO
Relay
Headlight System (Before Jan.
2013 Production, From Jan.
2013 Production China)<3–1>
Headlight System (From Jan.
2013 Production Except China)
<76–1>
G9(A), G17(B)
Headlight Leveling Switch
RHIG
RH T
RH E
Headlight Level
Actuator RH
A10(A), A58(B)
Headlight Assembly RH
LHIG
LH T
LH E
Headlight Level
Actuator LH
A1(A), A54(B)
Headlight Assembly LH
E59
Junction
Connector
E62
Junction
Connector
(LHD)
(RHD)
A4
E1
E3
A2

(Cont. next page)

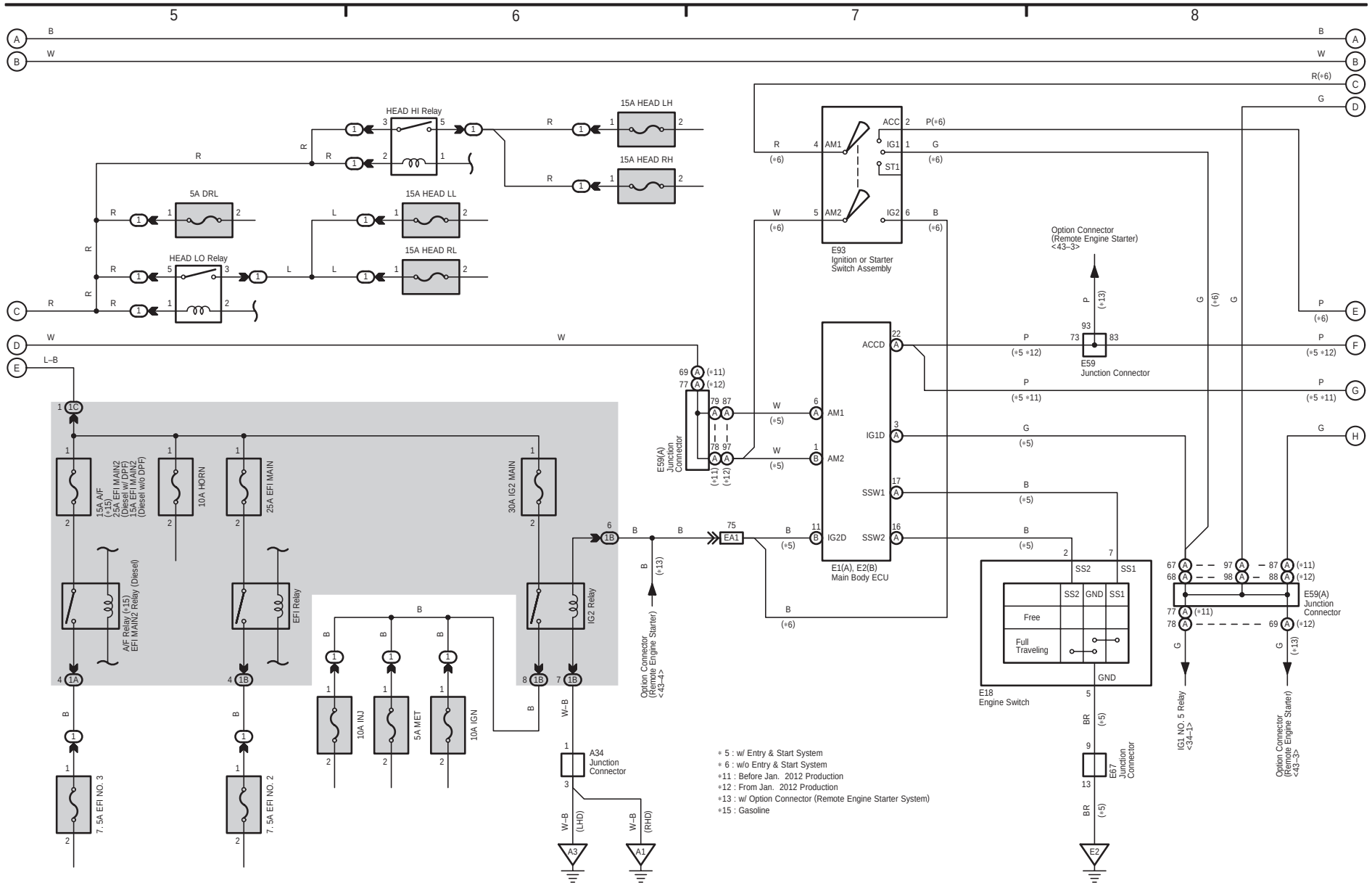
Power Source (Before Jan. 2013 Production, From Jan. 2013 Production China)



* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : 3UR–FE, 1UR–FE, From Aug. 2010 Production 2UZ–FE, From Jan. 2012 Production 1GR–FE, From Jan. 2012 Production 1VD–FTV
* 4 : Before Aug. 2010 Production 2UZ–FE, Before Jan. 2012 Production 1GR–FE, Before Jan. 2012 Production 1VD–FTV
* 7 : w/ Rear A/C
* 8 : Driver' s Door Only Jam Protection
* 9 : 1VD–FTV
*10 : 1UR–FE, From Jan. 2012 Production 1GR–FE
*11 : Before Jan. 2012 Production
*12 : From Jan. 2012 Production
*14 : 1VD–FTV w/ DPF
*15 : Gasoline
*16 : Diesel

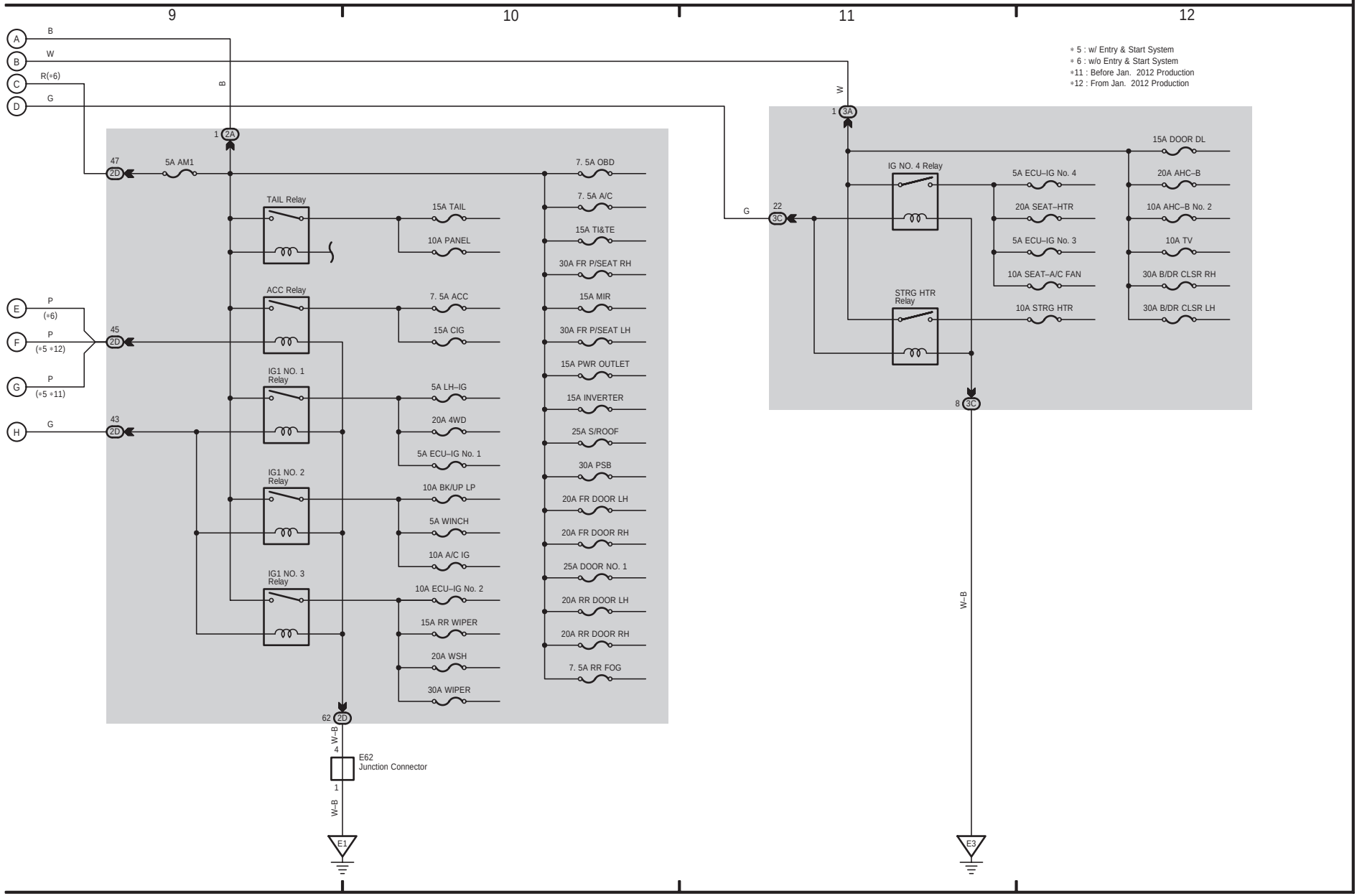
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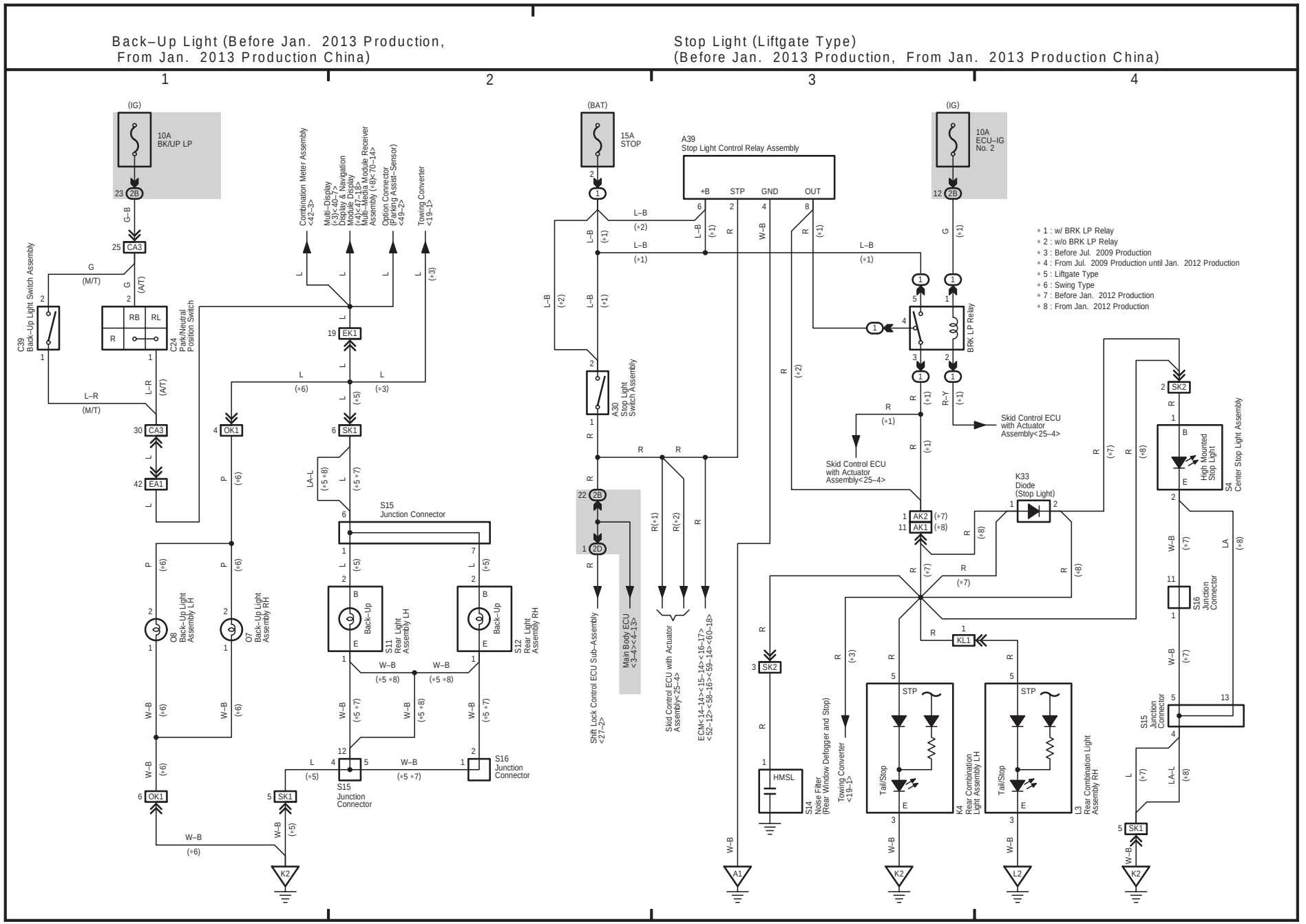
Power Source (Before Jan. 2013 Production, From Jan. 2013 Production China)



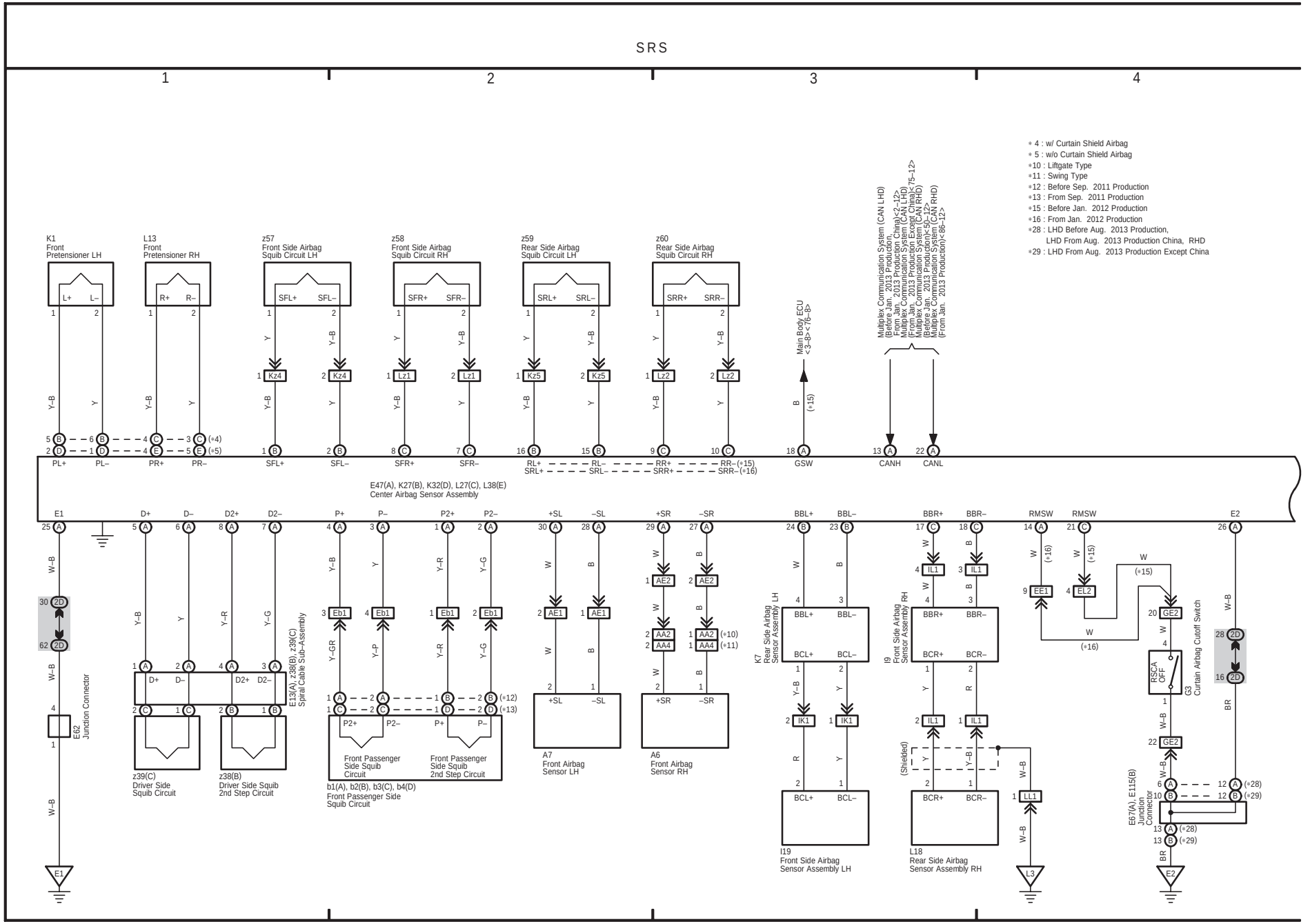
1 LAND CRUISER Station Wagon (Cont' d)

Power Source (Before Jan. 2013 Production, From Jan. 2013 Production China)



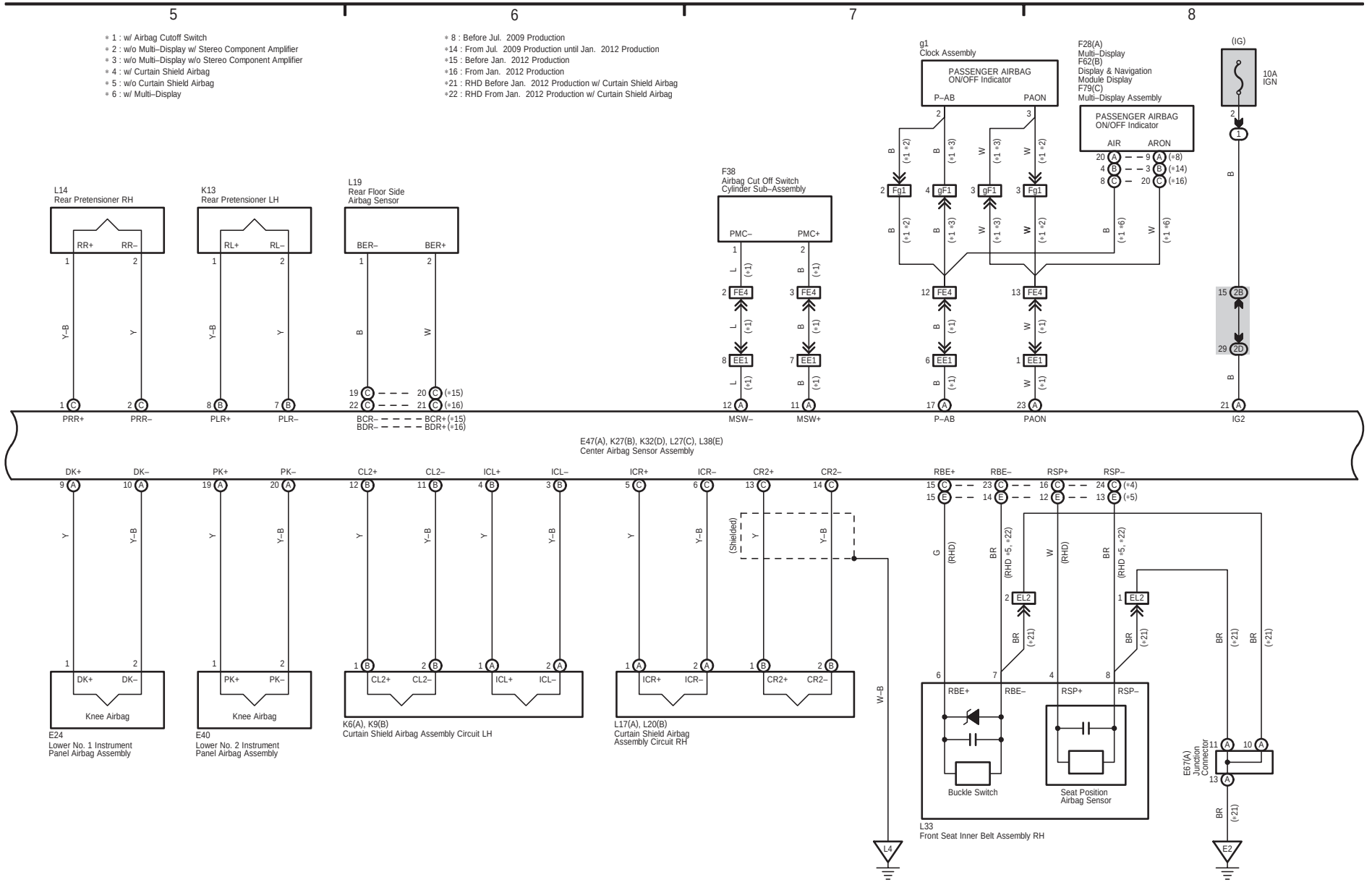

Back–Up Light (Before Jan. 2013 Production, From Jan. 2013 Production China)
Stop Light (Liftgate Type) (Before Jan. 2013 Production, From Jan. 2013 Production China)
1
2
3
4
(IG)
10A BK/UP LP
23 2B
G–B
25 CA3
G (M/T)
G (A/T)
C39 Back–Up Light Switch Assembly
C24 Park/Neutral Position Switch
RB
RL
R
L–R (M/T)
L–R (A/T)
30 CA3
42 EA1
Combination Meter Assembly <42–3>
Multi–Display <42–21> Display & Navigation Module Display (*4)<47–18> Multi–Media Module Receiver Assembly (*5)<70–14>
Option Connector (Parking Assist–Sensor) <49–2>
Towing Converter <19–1>
19 EK1
(*3)
(*5)
(*6)
4 OK1
6 SK1
LA–L
(*5 *8)
(*5 *7)
S15 Junction Connector
O8 Back–Up Light Assembly LH
O7 Back–Up Light Assembly RH
S11 Rear Light Assembly LH
S12 Rear Light Assembly RH
Back–Up
W–B
(*5 *8)
(*5 *7)
S16 Junction Connector
S15 Junction Connector
5 SK1
K2
W–B (*6)
(BAT)
15A STOP
A39 Stop Light Control Relay Assembly
+B
STP
GND
OUT
L–B
(*1)
(*2)
A30 Stop Light Switch Assembly
22 2B
1 2D
R
R(*1)
R(*2)
Shift Lock Control ECU Sub–Assembly <27–2>
Main Body ECU <3–4><4–13>
Skid Control ECU with Actuator Assembly<25–4>
ECM<14–14><15–14><16–17><52–12><58–16><59–14><60–18>
(IG)
10A ECU–IG No. 2
12 2B
G
BRK LP Relay
R–Y
Skid Control ECU with Actuator Assembly<25–4>
Skid Control ECU with Actuator Assembly<25–4>
K33 Diode (Stop Light)
AK2 (*7)
AK1 (*8)
SK2
KL1
HMSL
S14 Noise Filter (Rear Window Defogger and Stop)
Towing Converter <19–1>
STP
Tail/Stop
K4 Rear Combination Light Assembly LH
L3 Rear Combination Light Assembly RH
A1
K2
L2
S4 Center Stop Light Assembly
High Mounted Stop Light
S16 Junction Connector
S15 Junction Connector
LA
LA–L
(*7)
(*8)
∗ 1 : w/ BRK LP Relay
∗ 2 : w/o BRK LP Relay
∗ 3 : Before Jul. 2009 Production
∗ 4 : From Jul. 2009 Production until Jan. 2012 Production
∗ 5 : Liftgate Type
∗ 6 : Swing Type
∗ 7 : Before Jan. 2012 Production
∗ 8 : From Jan. 2012 Production

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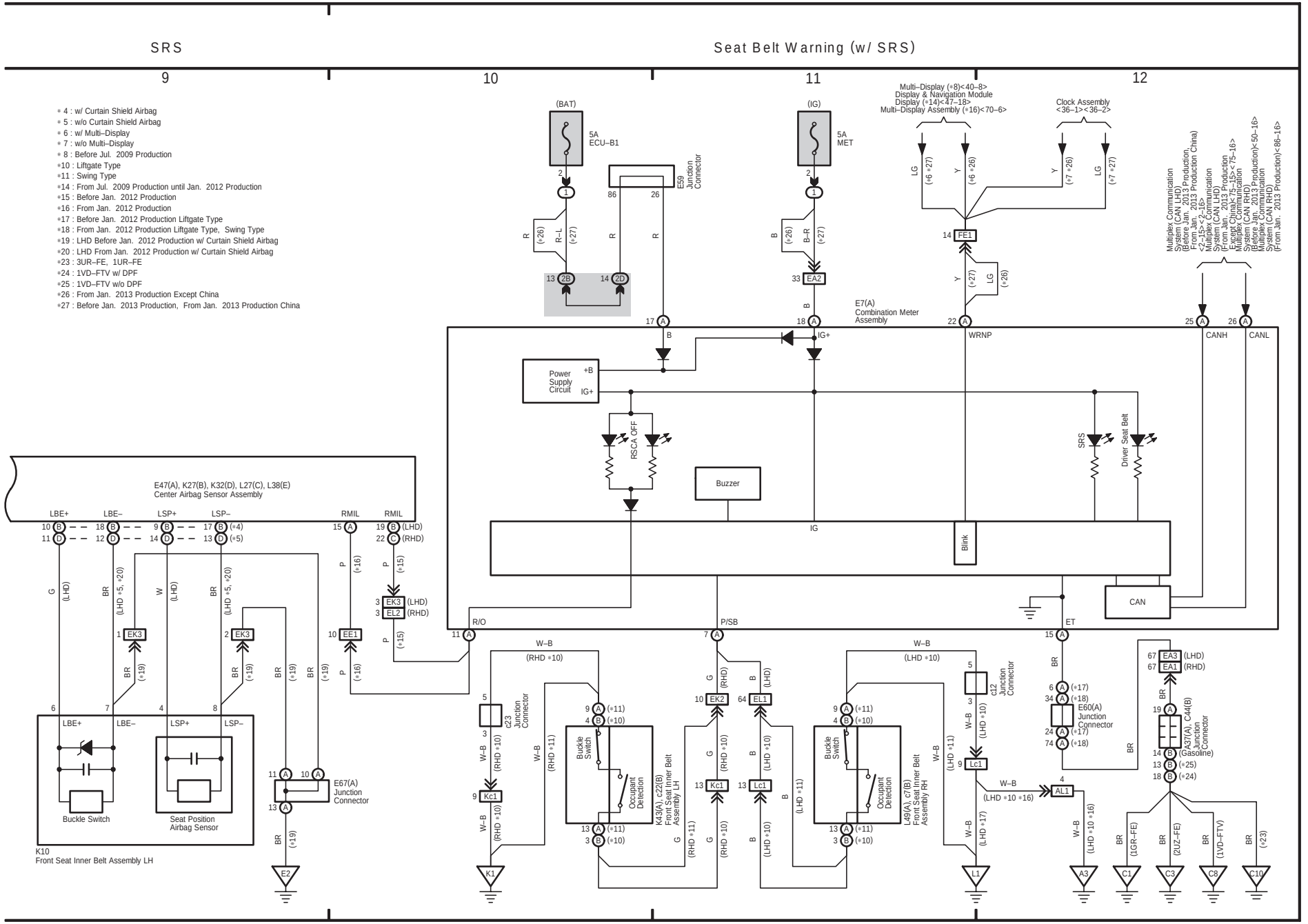


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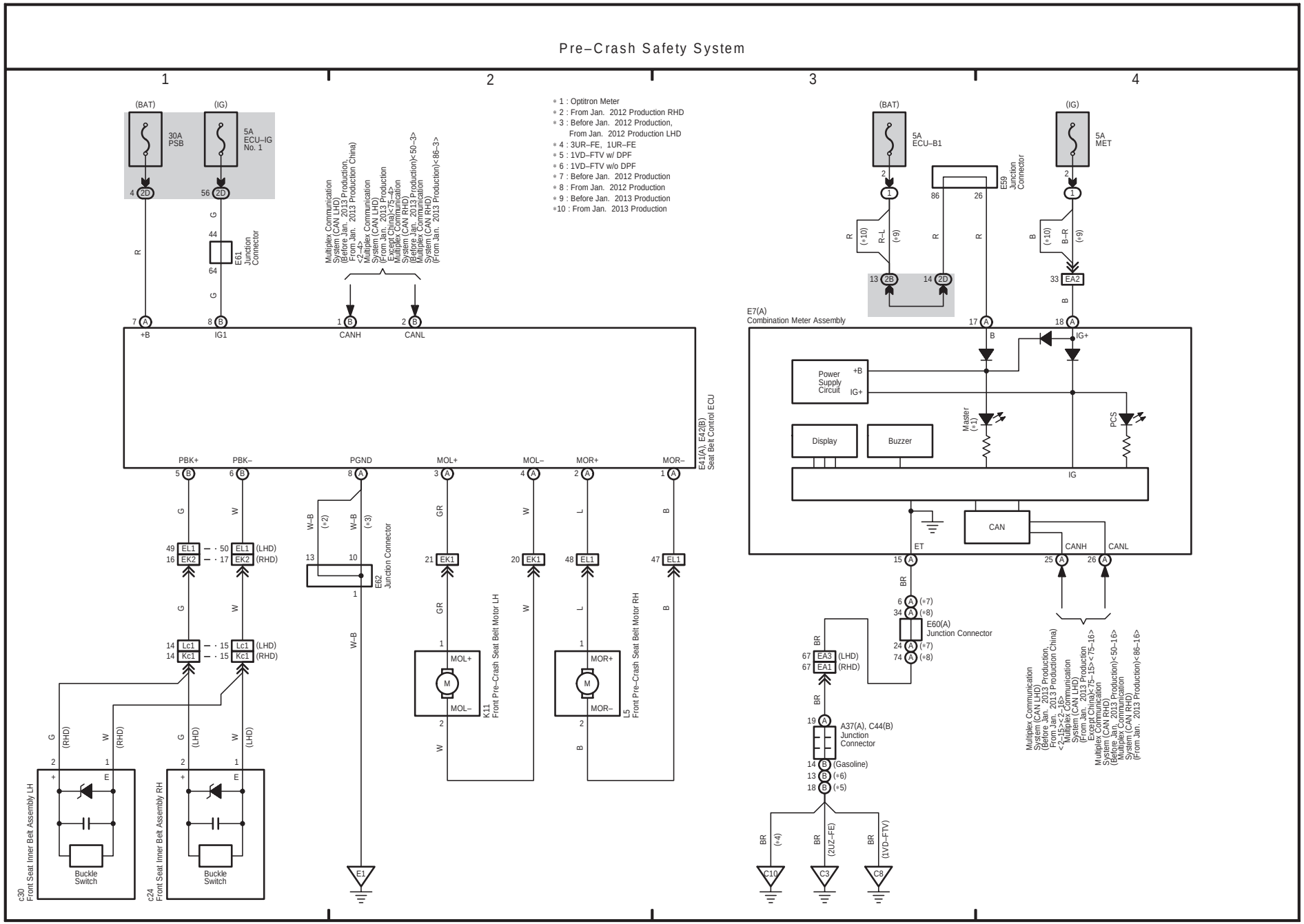
SRS

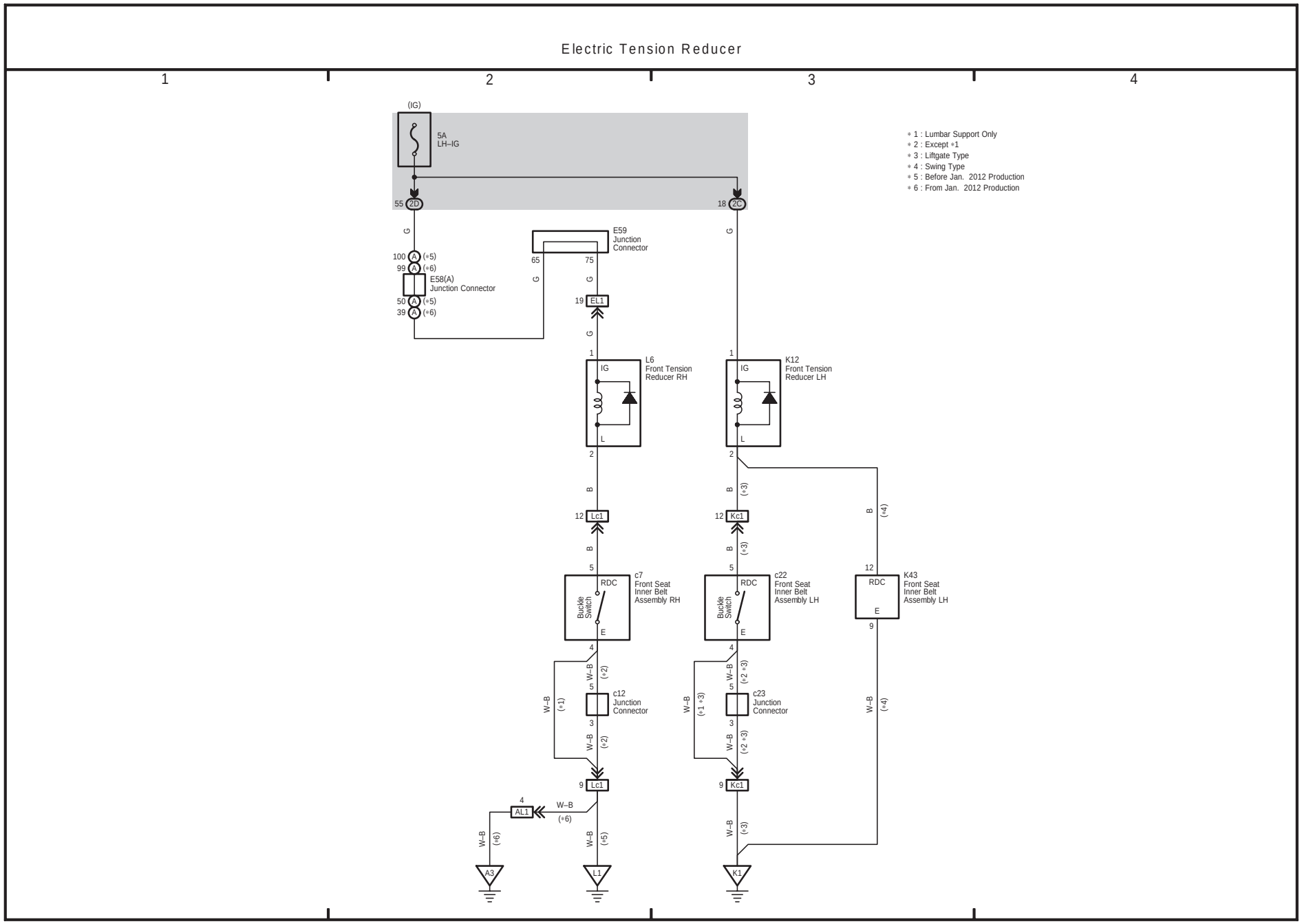


21 LAND CRUISER Station Wagon (Cont' d)



LAND CRUISER Station Wagon (EM2660E)

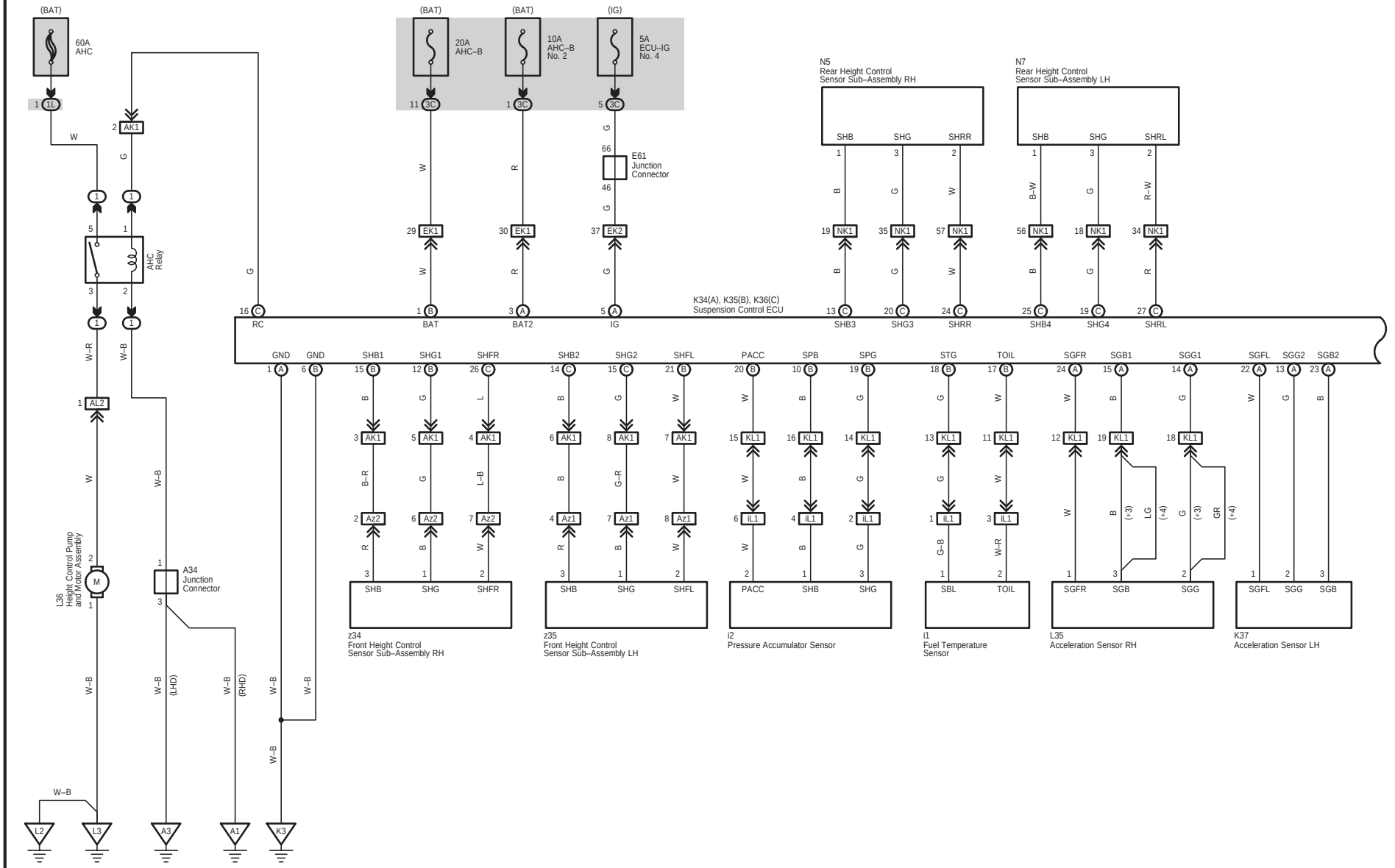

Pre–Crash Safety System
1
2
3
4
* 1 : Optitron Meter
* 2 : From Jan. 2012 Production RHD
* 3 : Before Jan. 2012 Production, From Jan. 2012 Production LHD
* 4 : 3UR–FE, 1UR–FE
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF
* 7 : Before Jan. 2012 Production
* 8 : From Jan. 2012 Production
* 9 : Before Jan. 2013 Production
*10 : From Jan. 2013 Production
(BAT)
(IG)
30A PSB
5A ECU–IG No. 1
E61 Junction Connector
Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)
Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)<75–4>
Multiplex Communication System (CAN RHD) (Before Jan. 2013 Production)<50–3>
Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)<86–3>
+B
IG1
CANH
CANL
PBK+
PBK–
PGND
MOL+
MOL–
MOR+
MOR–
E41(A), E42(B) Seat Belt Control ECU
E62 Junction Connector
K11 Front Pre–Crash Seat Belt Motor LH
L5 Front Pre–Crash Seat Belt Motor RH
c30 Front Seat Inner Belt Assembly LH
c24 Front Seat Inner Belt Assembly RH
Buckle Switch
E1
5A ECU–B1
E59 Junction Connector
5A MET
E7(A) Combination Meter Assembly
Power Supply Circuit
Display
Buzzer
Master (*1)
PCS
IG
CAN
ET
E60(A) Junction Connector
A37(A), C44(B) Junction Connector
(Gasoline)
(2UZ–FE)
(1VD–FTV)
C10
C3
C8


Electric Tension Reducer
1
2
3
4
(IG)
5A
LH–IG
55 2D
18 2C
∗1 : Lumbar Support Only
∗2 : Except ∗1
∗3 : Liftgate Type
∗4 : Swing Type
∗5 : Before Jan. 2012 Production
∗6 : From Jan. 2012 Production
E59
Junction
Connector
65
75
100 A (∗5)
99 A (∗6)
E58(A)
Junction Connector
50 A (∗5)
39 A (∗6)
19 EL1
L6
Front Tension
Reducer RH
K12
Front Tension
Reducer LH
IG
L
12 Lc1
12 Kc1
RDC
Buckle
Switch
E
c7
Front Seat
Inner Belt
Assembly RH
c22
Front Seat
Inner Belt
Assembly LH
K43
Front Seat
Inner Belt
Assembly LH
c12
Junction
Connector
c23
Junction
Connector
9 Lc1
9 Kc1
4 AL1
W–B
(∗6)
(∗5)
(∗1)
(∗2)
(∗3)
(∗4)
A3
L1
K1

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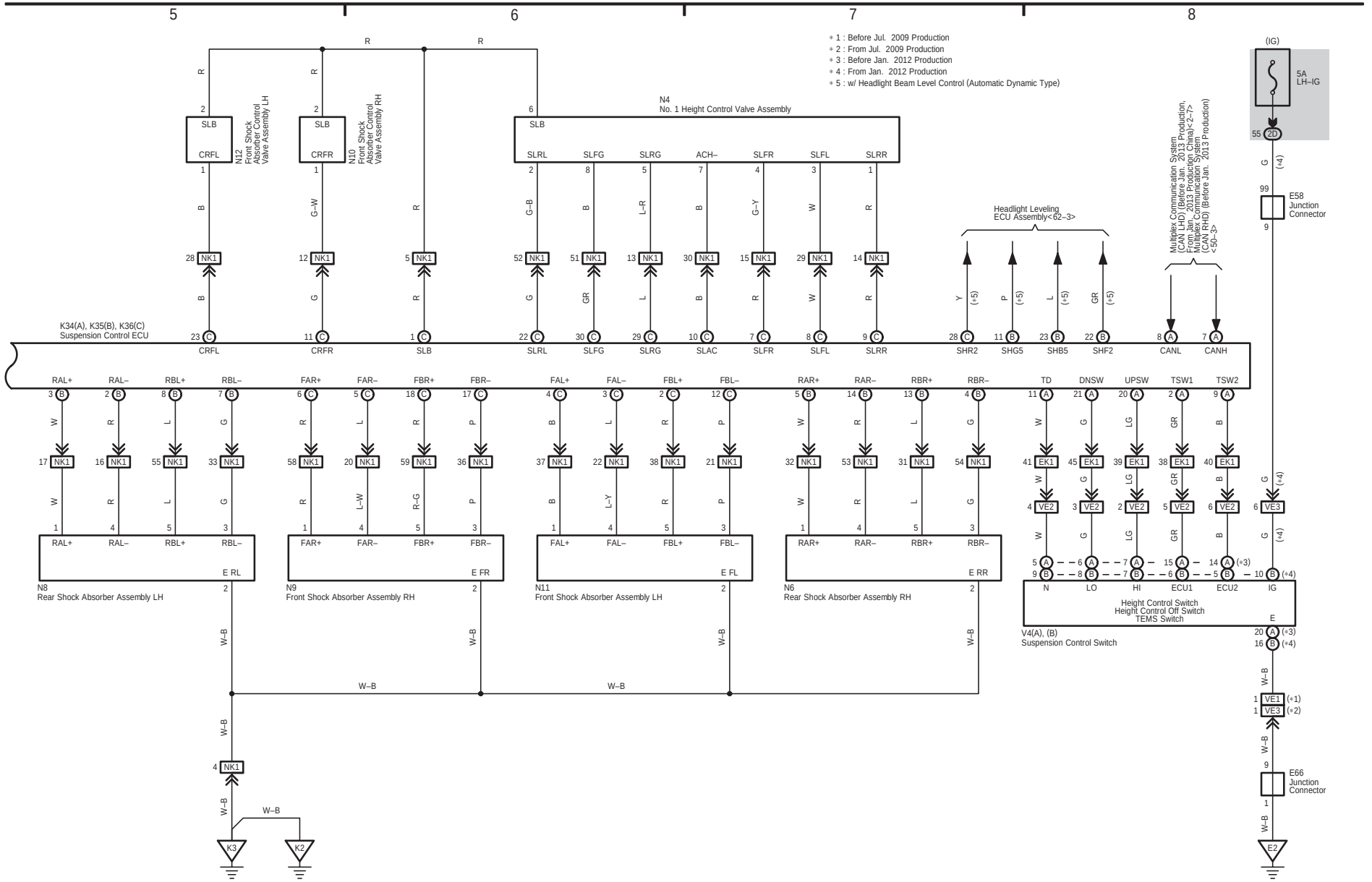
Active Height Control Suspension and Adaptive Variable Suspension (Before Jan. 2013 Production)

* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production



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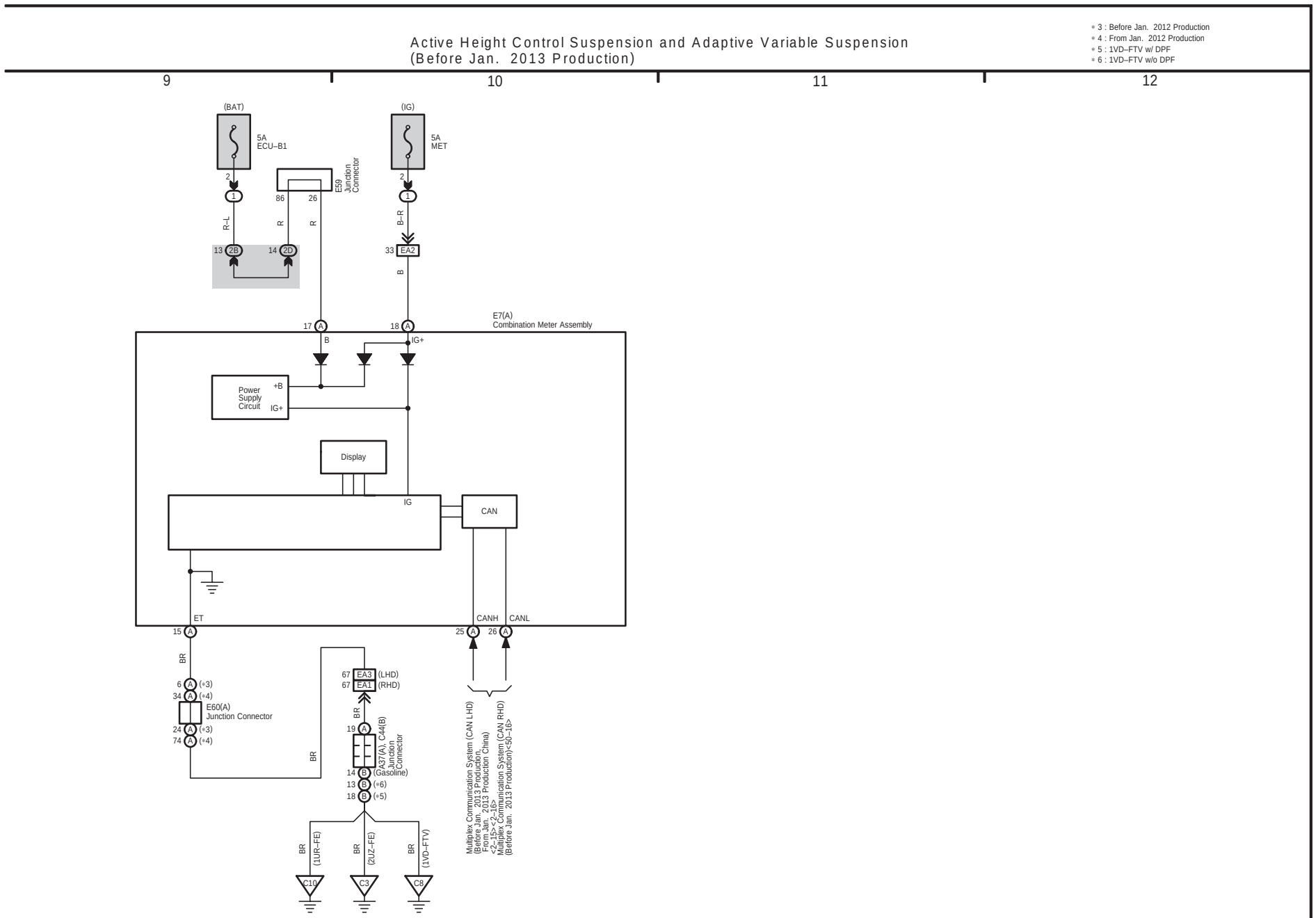
Active Height Control Suspension and Adaptive Variable Suspension
(Before Jan. 2013 Production)



24 LAND CRUISER Station Wagon (Cont' d)

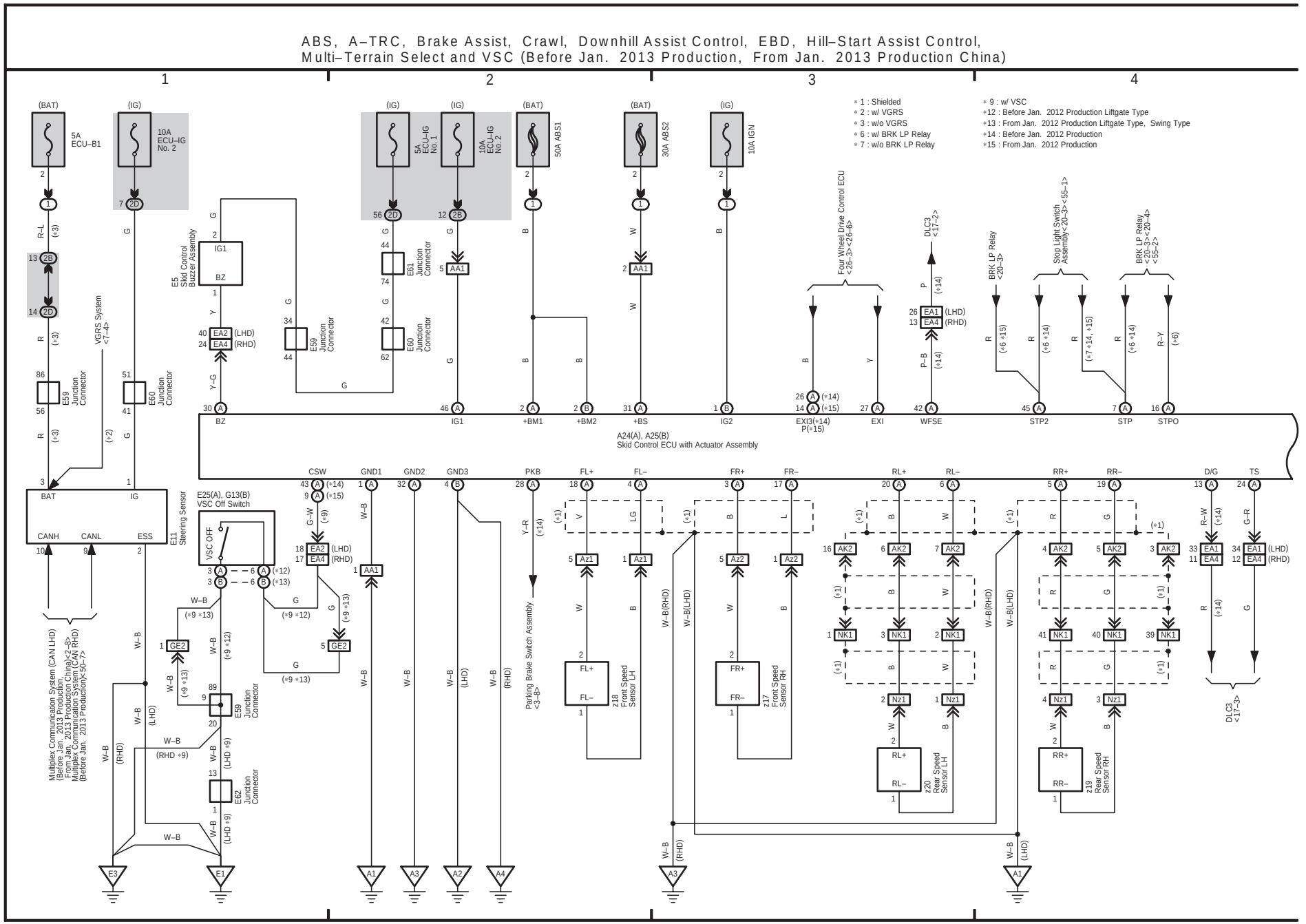
Active Height Control Suspension and Adaptive Variable Suspension
(Before Jan. 2013 Production)

* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF

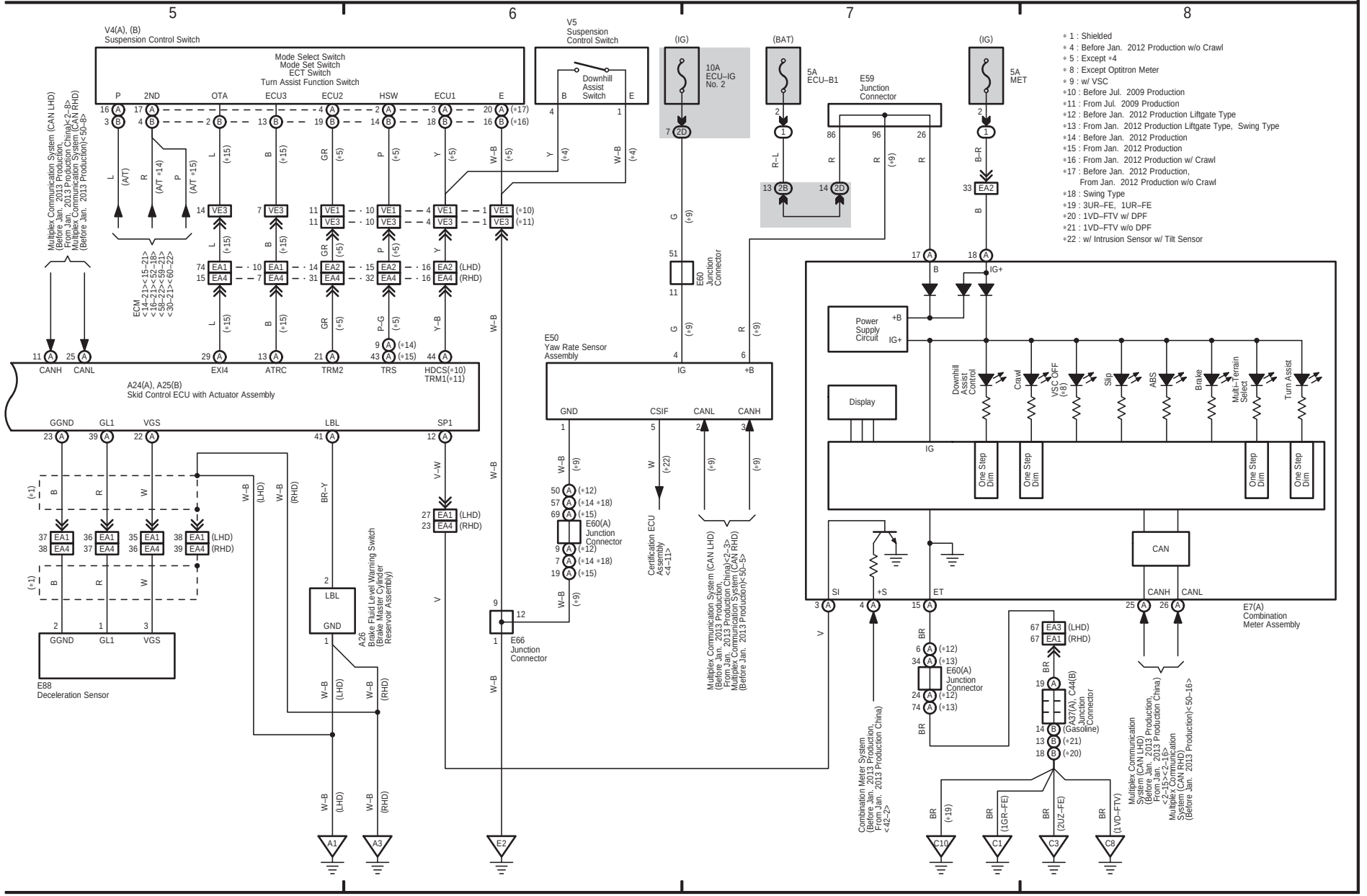


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ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control, Multi–Terrain Select and VSC (Before Jan. 2013 Production, From Jan. 2013 Production China)



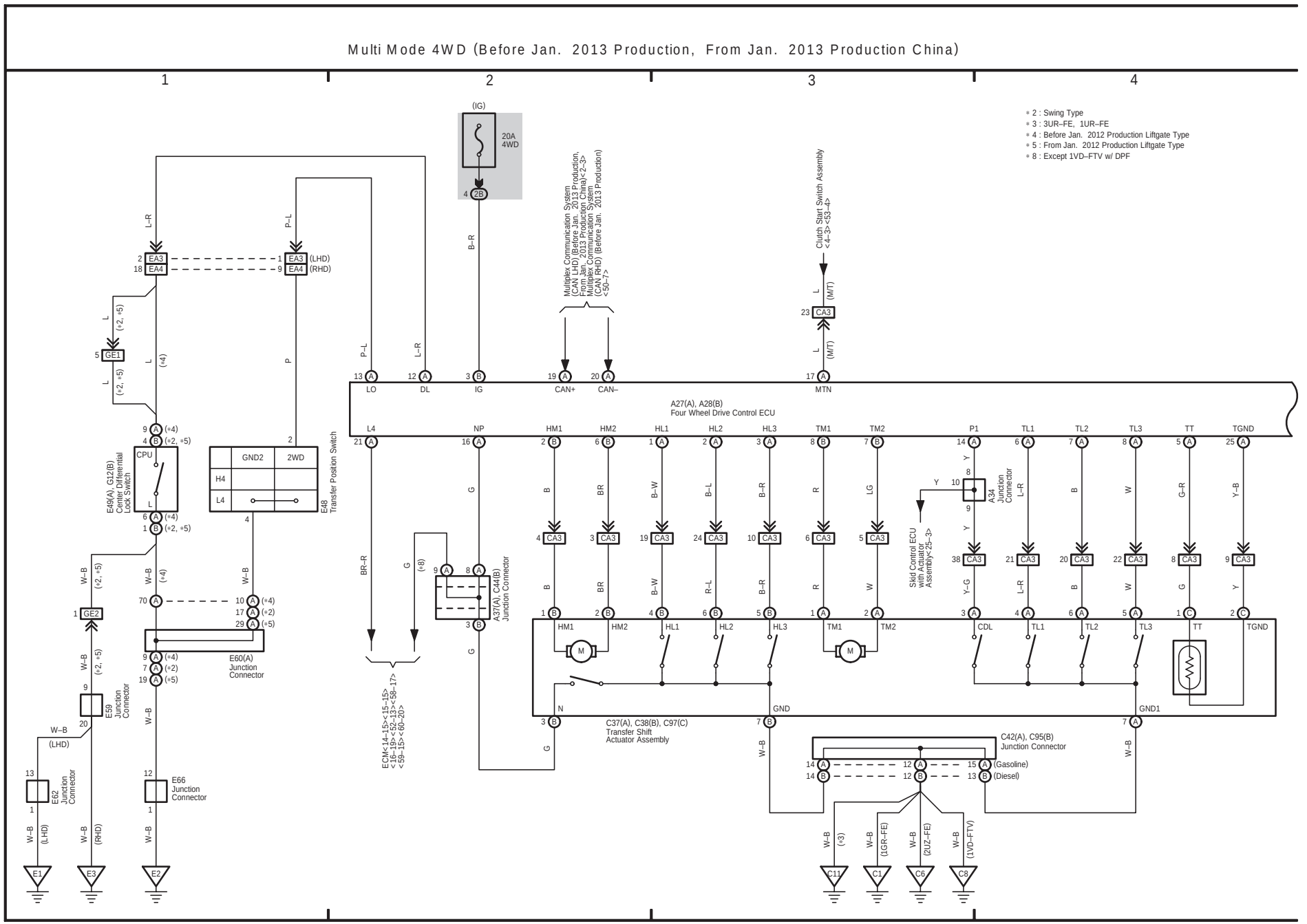
ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control, Multi–Terrain Select and VSC (Before Jan. 2013 Production, From Jan. 2013 Production China)



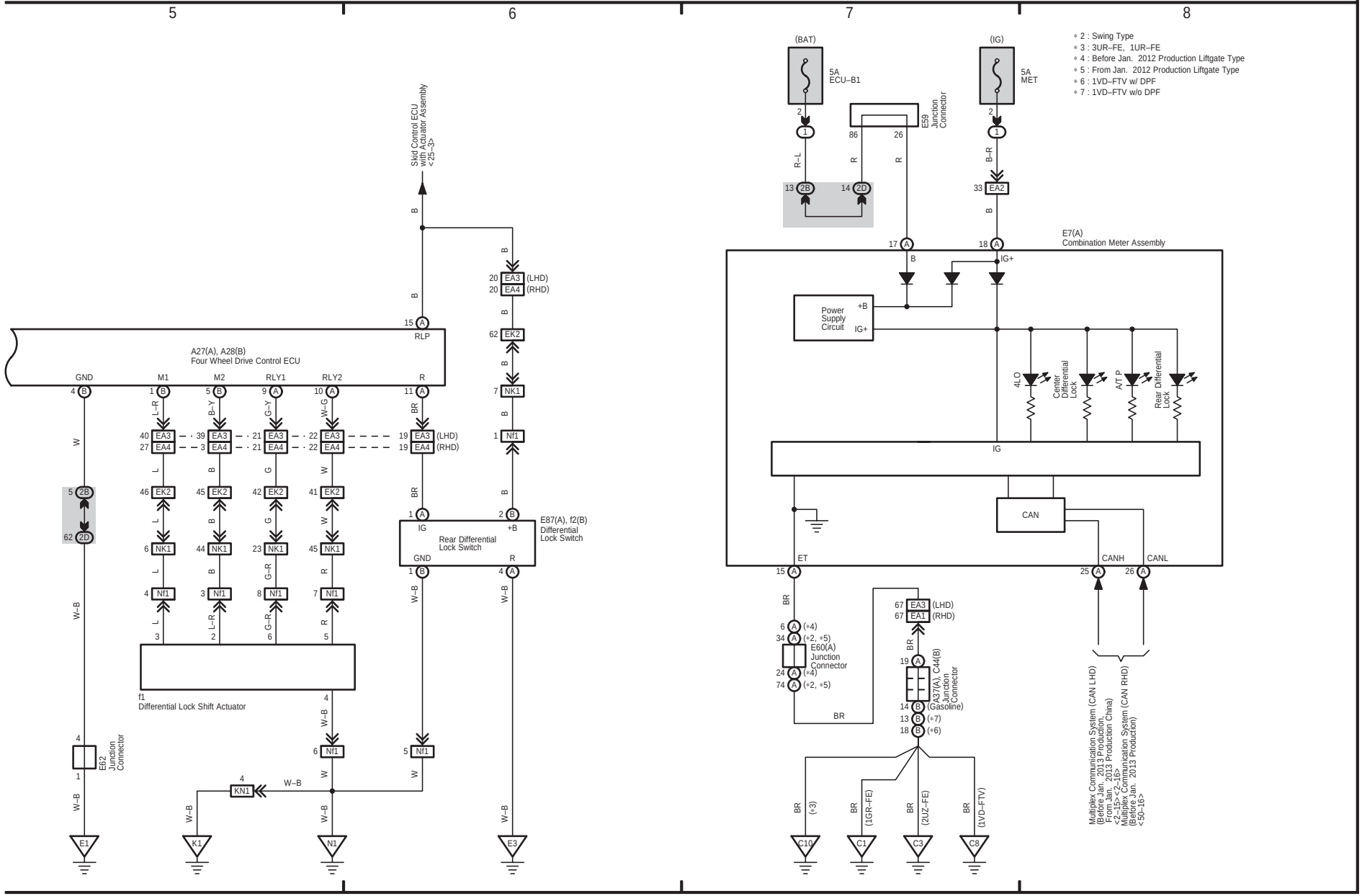
M

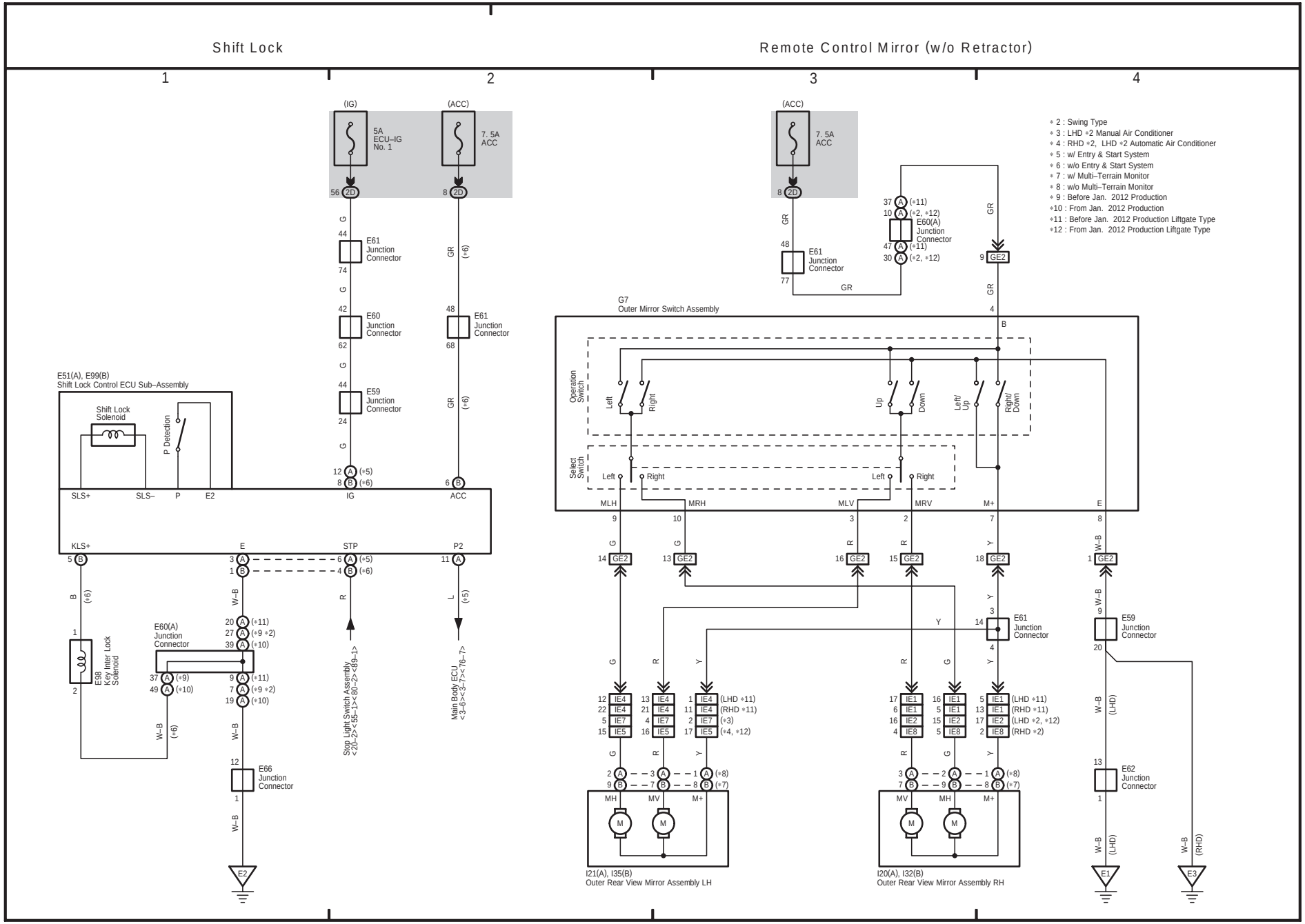
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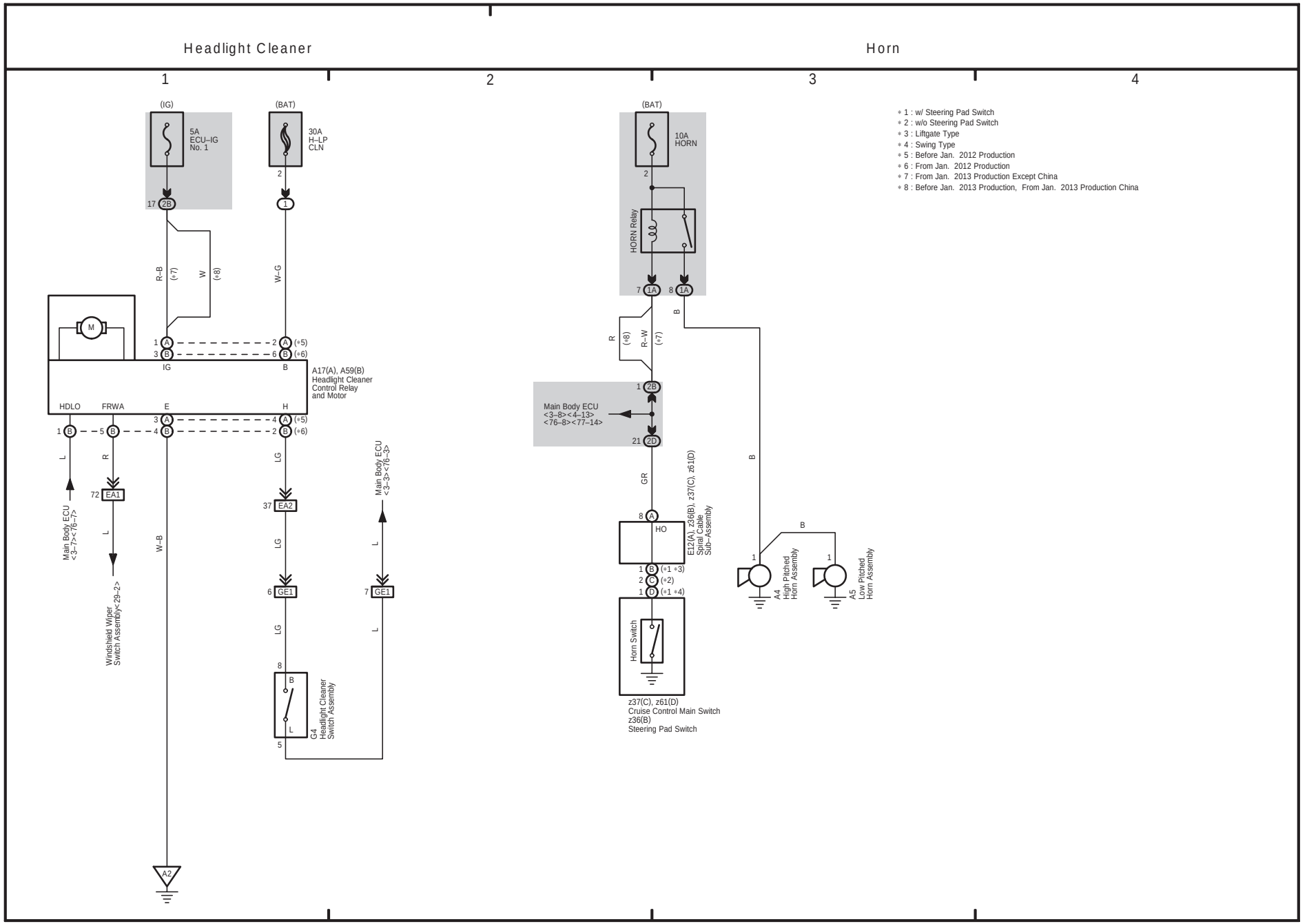
Multi Mode 4WD (Before Jan. 2013 Production, From Jan. 2013 Production China)



Multi Mode 4WD (Before Jan. 2013 Production, From Jan. 2013 Production China)

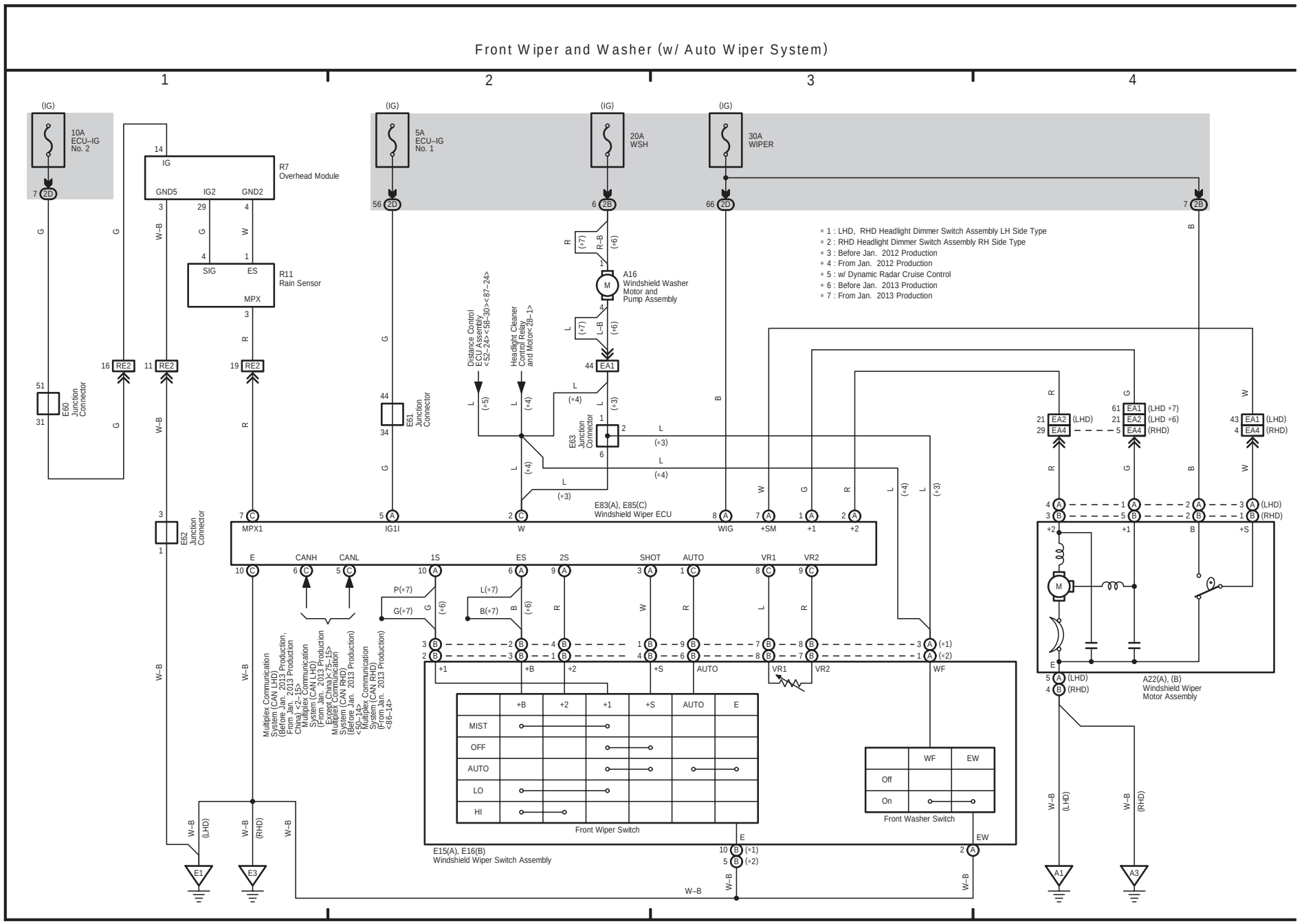



Shift Lock
Remote Control Mirror (w/o Retractor)
1
2
3
4
(IG)
(ACC)
5A ECU–IG No. 1
7. 5A ACC
56 2D
8 2D
G
44
E61 Junction Connector
74
42
E60 Junction Connector
62
24
E59 Junction Connector
12 A (*5)
8 B (*6)
GR (*6)
48
68
6 B
E51(A), E99(B)
Shift Lock Control ECU Sub–Assembly
Shift Lock Solenoid
P Detection
SLS+
SLS–
P
E2
IG
ACC
KLS+
E
STP
P2
5 B
3 A
1 B
6 A (*5)
4 B (*6)
11 A
B (*6)
W–B
R
L (*5)
E98 Key Inter Lock Solenoid
E60(A) Junction Connector
20 A (*11)
27 A (*9 *2)
39 A (*10)
37 A (*9)
49 A (*10)
9 A (*11)
7 A (*9 *2)
19 A (*10)
W–B (*6)
E66 Junction Connector
Stop Light Switch Assembly <20–2><55–1><60–2><69–1>
Main Body ECU <3–8><3–7><76–7>
E2
(ACC)
7. 5A ACC
8 2D
GR
48
E61 Junction Connector
77
37 A (*11)
10 A (*2, *12)
E60(A) Junction Connector
47 A (*11)
30 A (*2, *12)
9 GE2
G7
Outer Mirror Switch Assembly
B
Operation Switch
Left
Right
Up
Down
Left/ Up
Right/ Down
Select Switch
MLH
MRH
MLV
MRV
M+
E
9
10
3
2
7
8
G
R
Y
W–B
14 GE2
13 GE2
16 GE2
15 GE2
18 GE2
1 GE2
E61 Junction Connector
E59 Junction Connector
20
(LHD)
(RHD)
E62 Junction Connector
E1
E3
12 IE4
22 IE4
5 IE7
15 IE5
13 IE4
21 IE4
4 IE7
16 IE5
1 IE4 (LHD *11)
11 IE4 (RHD *11)
2 IE7 (*3)
17 IE5 (*4, *12)
17 IE1
6 IE1
16 IE2
4 IE8
16 IE1
5 IE1
15 IE2
5 IE8
5 IE1 (LHD *11)
13 IE1 (RHD *11)
17 IE2 (LHD *2, *12)
2 IE8 (RHD *2)
2 A 3 A 1 A (*8)
9 B 7 B 8 B (*7)
MH
MV
M+
M
I21(A), I35(B)
Outer Rear View Mirror Assembly LH
I20(A), I32(B)
Outer Rear View Mirror Assembly RH
* 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
* 7 : w/ Multi–Terrain Monitor
* 8 : w/o Multi–Terrain Monitor
* 9 : Before Jan. 2012 Production
*10 : From Jan. 2012 Production
*11 : Before Jan. 2012 Production Liftgate Type
*12 : From Jan. 2012 Production Liftgate Type

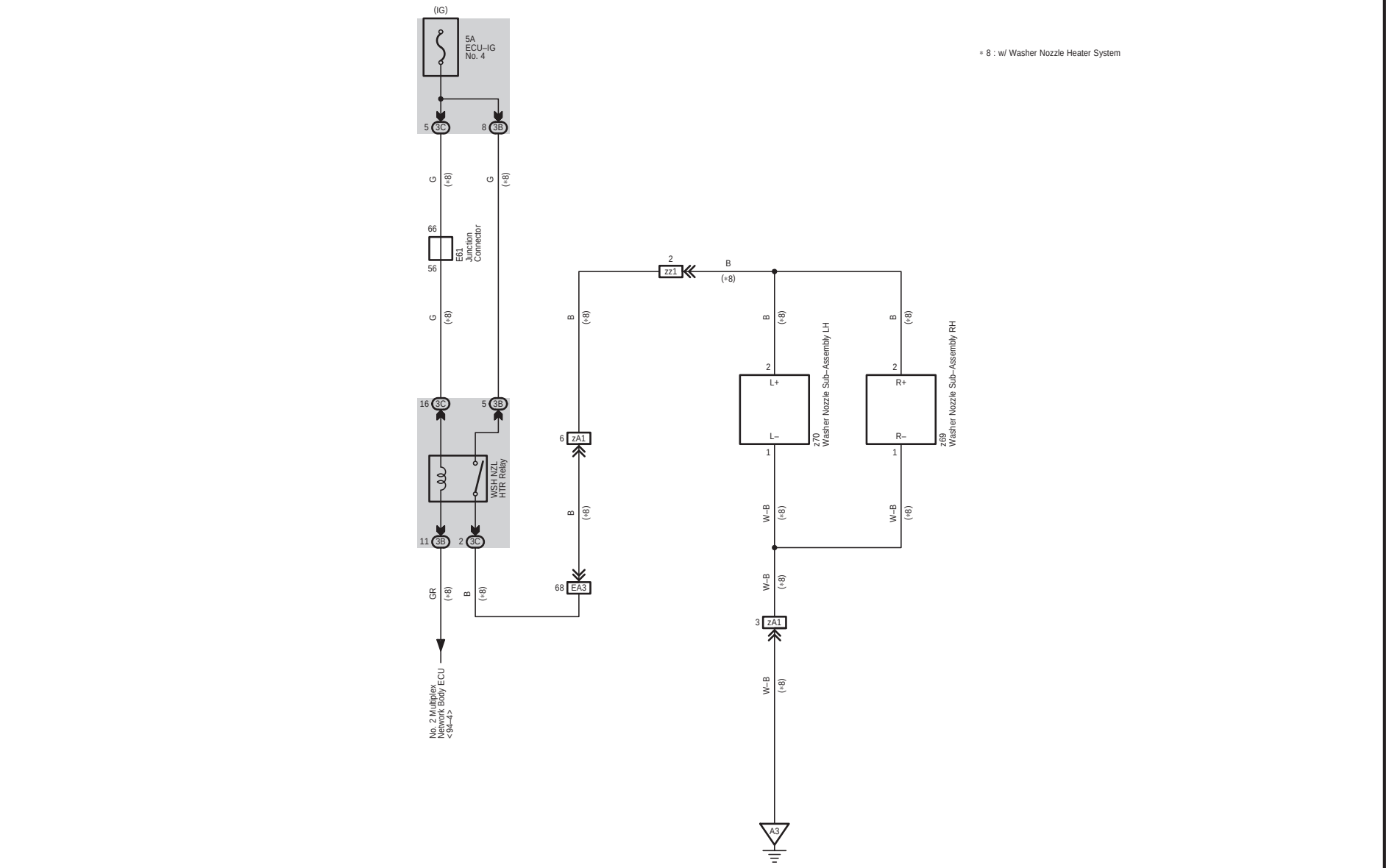

Headlight Cleaner
Horn
1
2
3
4
(IG)
5A
ECU–IG
No. 1
17 2B
(BAT)
30A
H–LP
CLN
2
1
R–B (*7)
W (*8)
W–G
M
1 A
3 B
2 A (*5)
6 B (*6)
IG
B
A17(A), A59(B)
Headlight Cleaner
Control Relay
and Motor
HDLO
FRWA
E
H
3 A
4 B
4 A (*5)
2 B (*6)
1 B
5 B
L
R
72 EA1
37 EA2
LG
Main Body ECU
<3–7><76–7>
Windshield Wiper
Switch Assembly<29–2>
W–B
Main Body ECU
<3–3><76–3>
L
6 GE1
7 GE1
8
B
L
G4
Headlight Cleaner
Switch Assembly
5
A2
(BAT)
10A
HORN
2
HORN Relay
7 1A
8 1A
B
R
(*8)
R–W
(*7)
Main Body ECU
<3–8><4–13>
<76–8><77–14>
1 2B
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
1
A4
High Pitched
Horn Assembly
A5
Low Pitched
Horn Assembly
* 1 : w/ Steering Pad Switch
* 2 : w/o Steering Pad Switch
* 3 : Liftgate Type
* 4 : Swing Type
* 5 : Before Jan. 2012 Production
* 6 : From Jan. 2012 Production
* 7 : From Jan. 2013 Production Except China
* 8 : Before Jan. 2013 Production, From Jan. 2013 Production China

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Front Wiper and Wash (w/ Auto Wiper System)

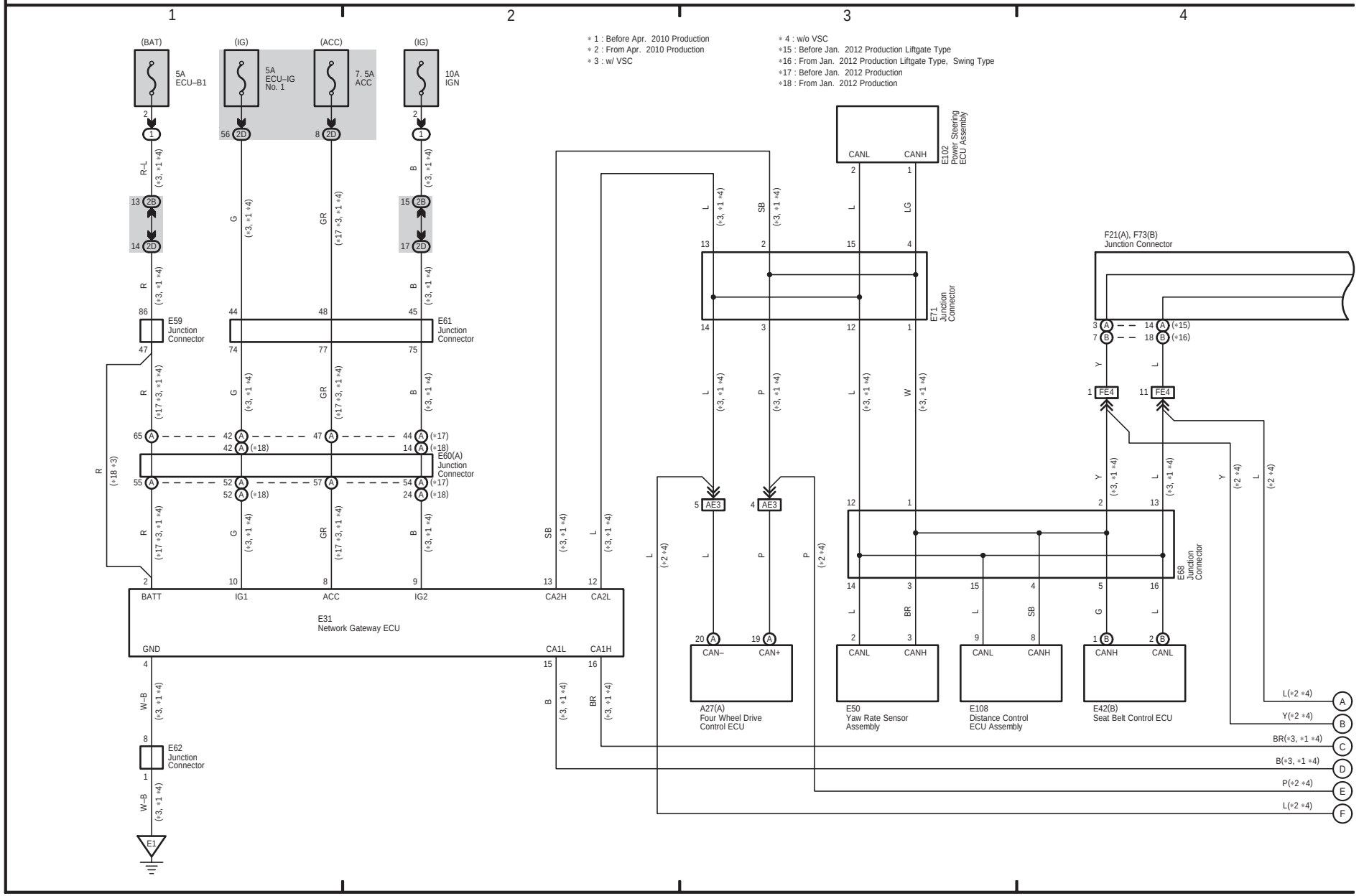


Front Wiper and Washer (w/ Auto Wiper System)



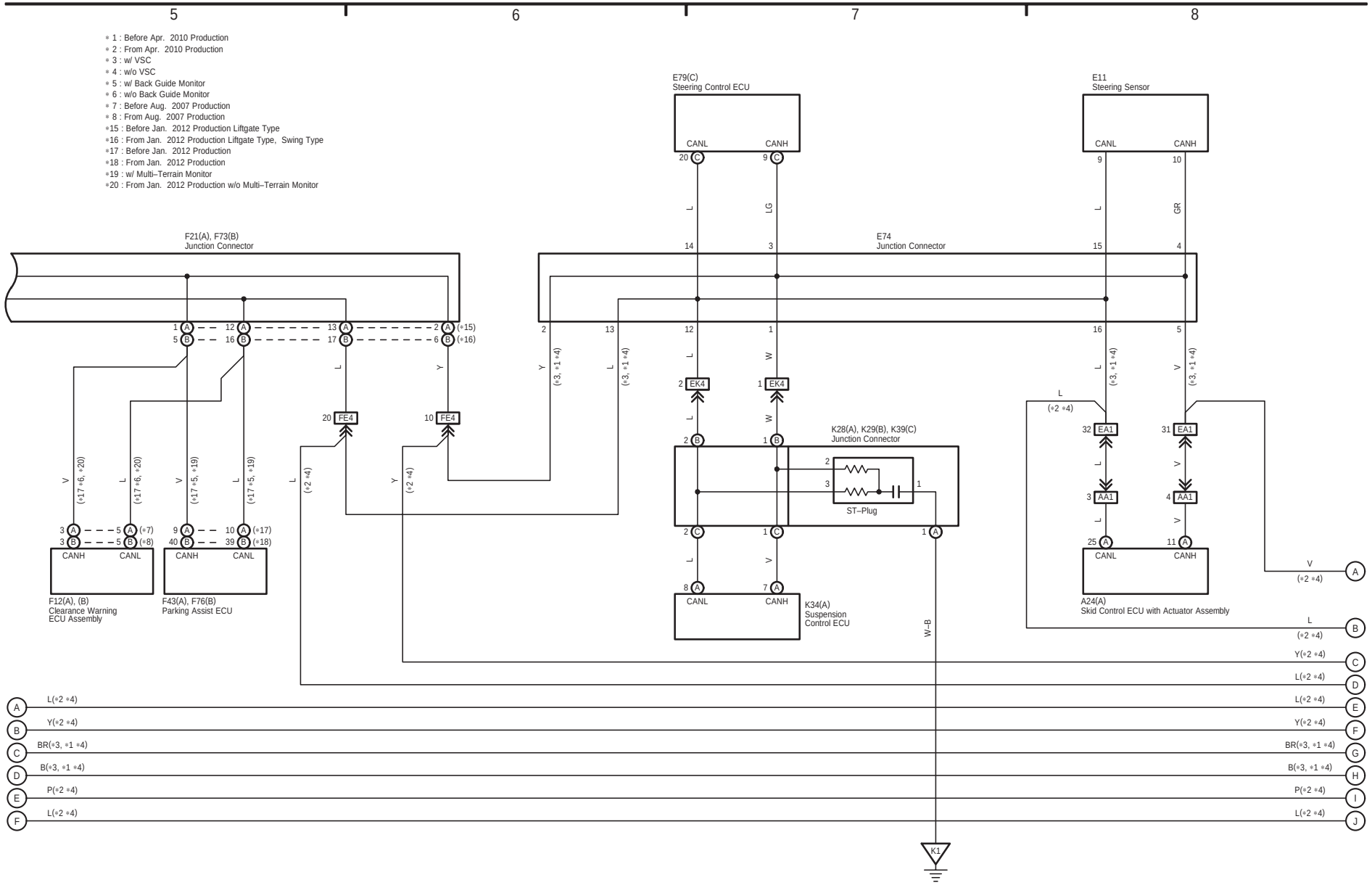
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Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)



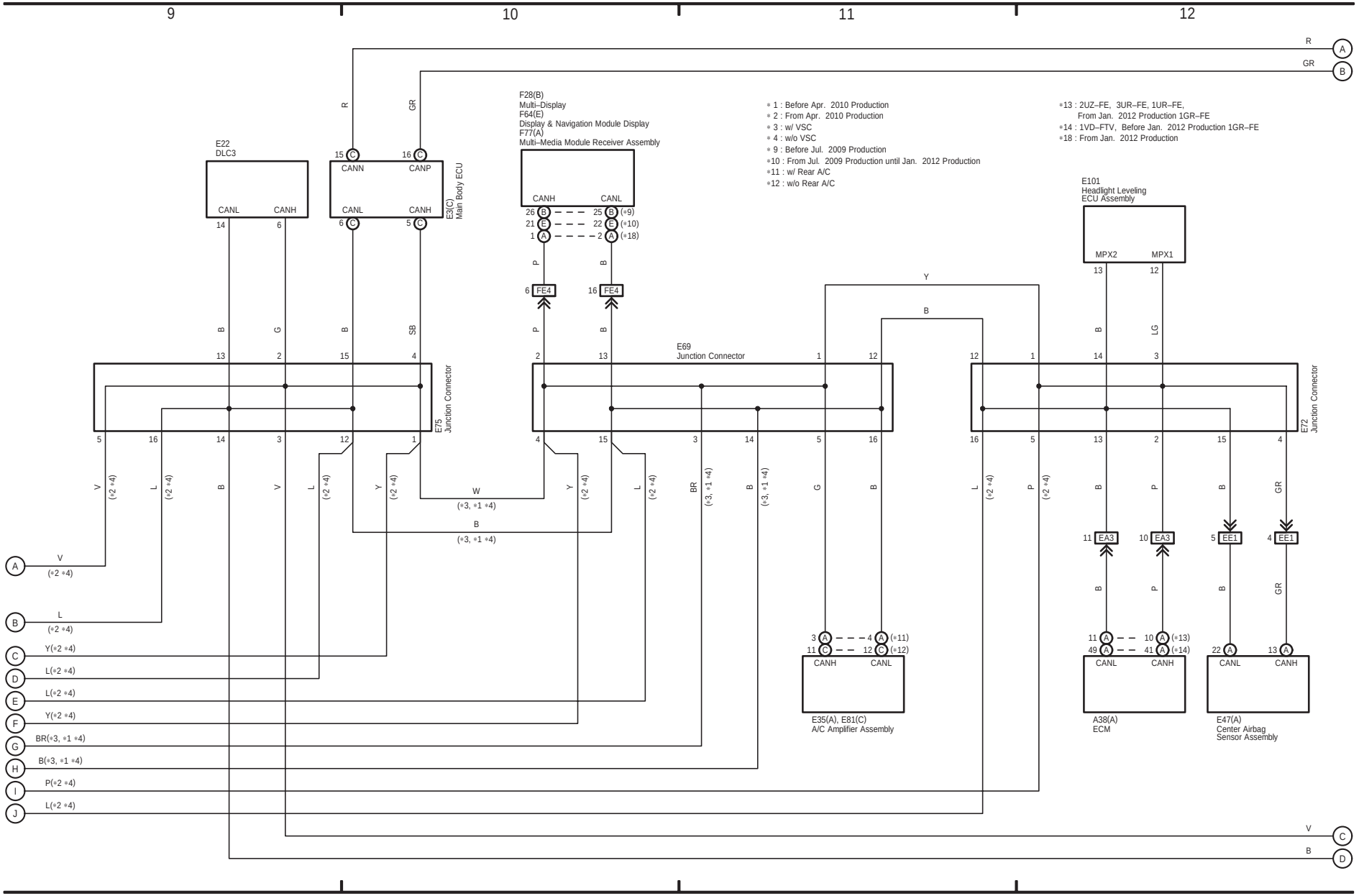
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Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)

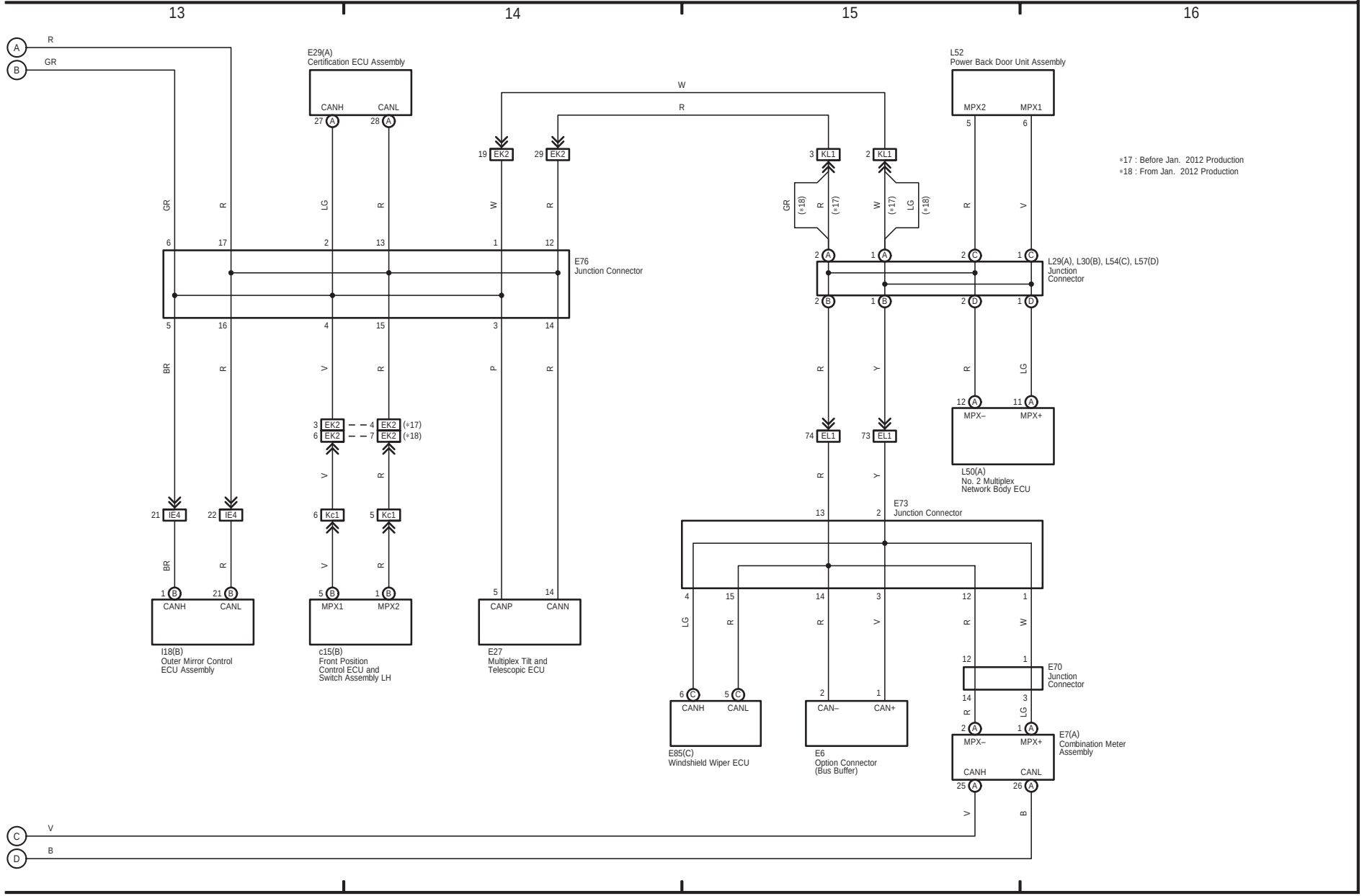


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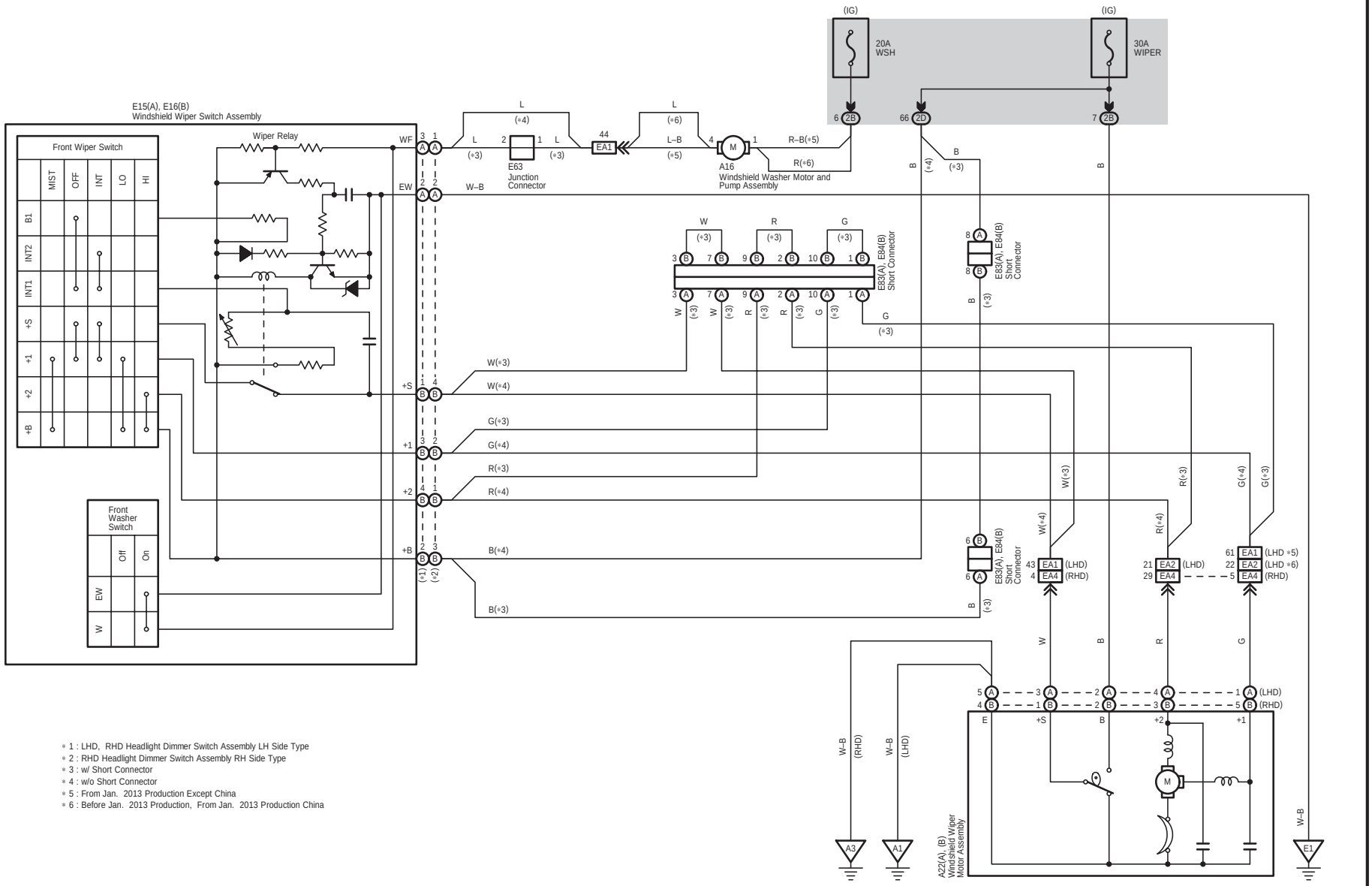
Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)



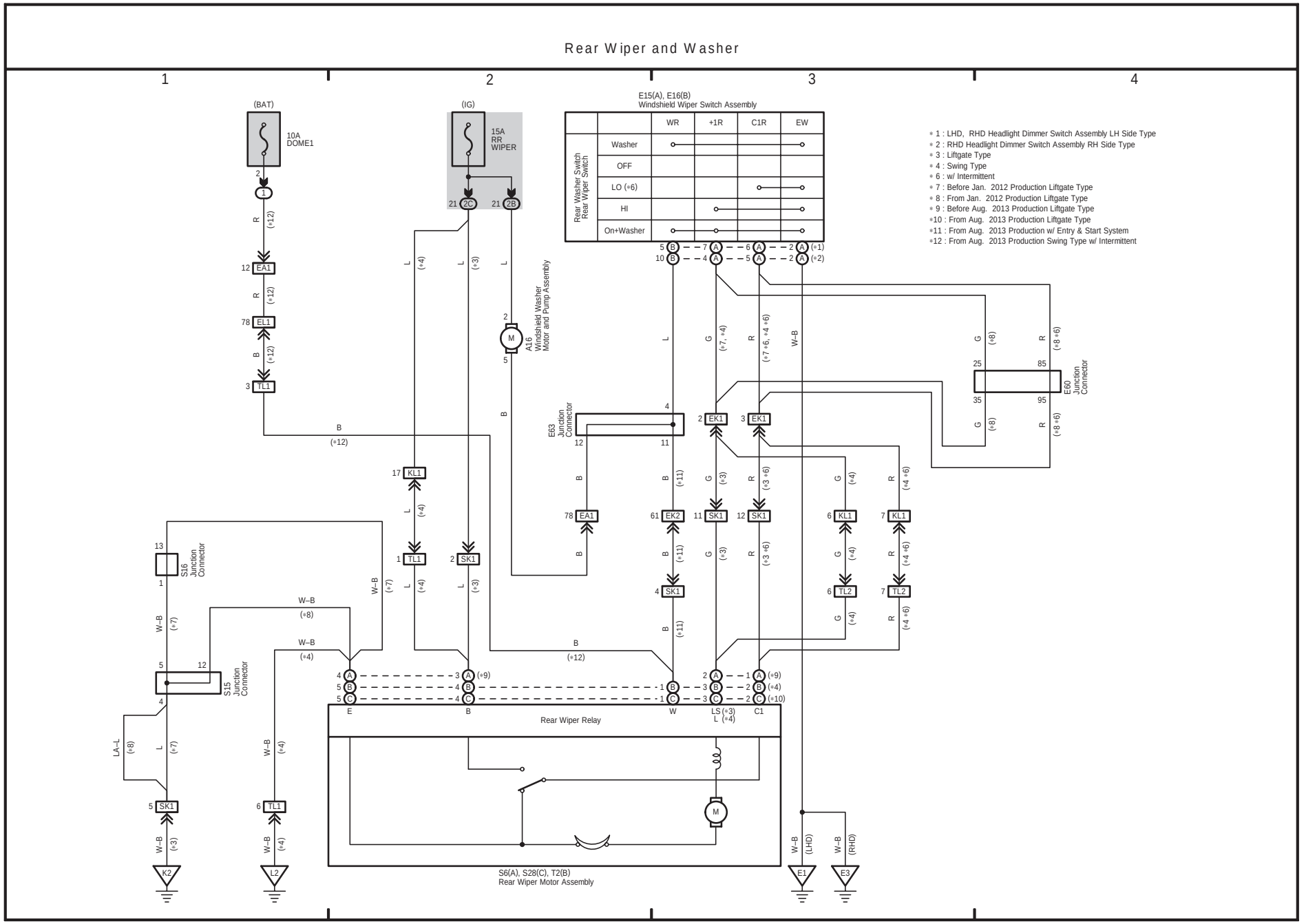
Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)

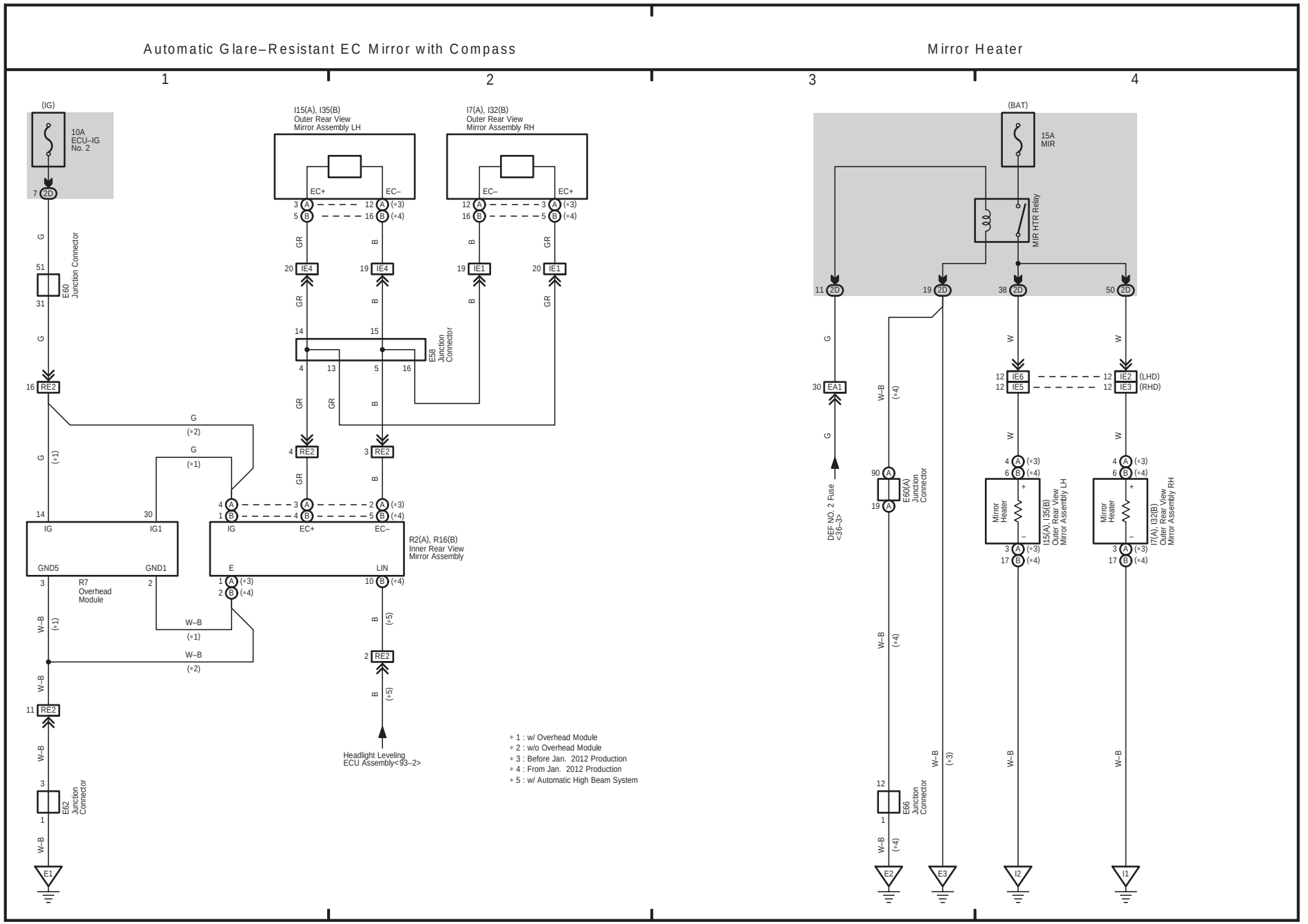


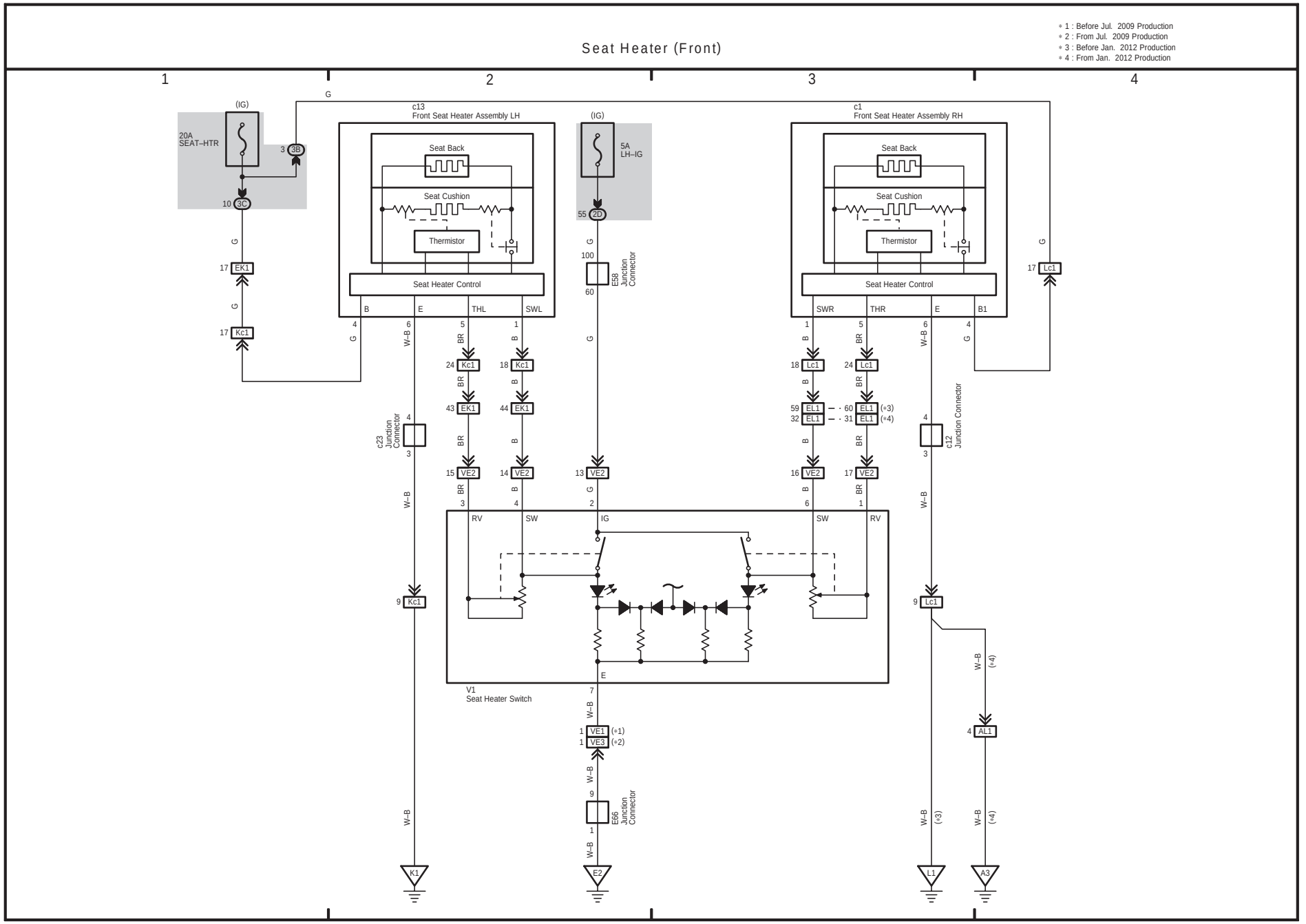
Front Wiper and Washer (w/o Auto Wiper System)

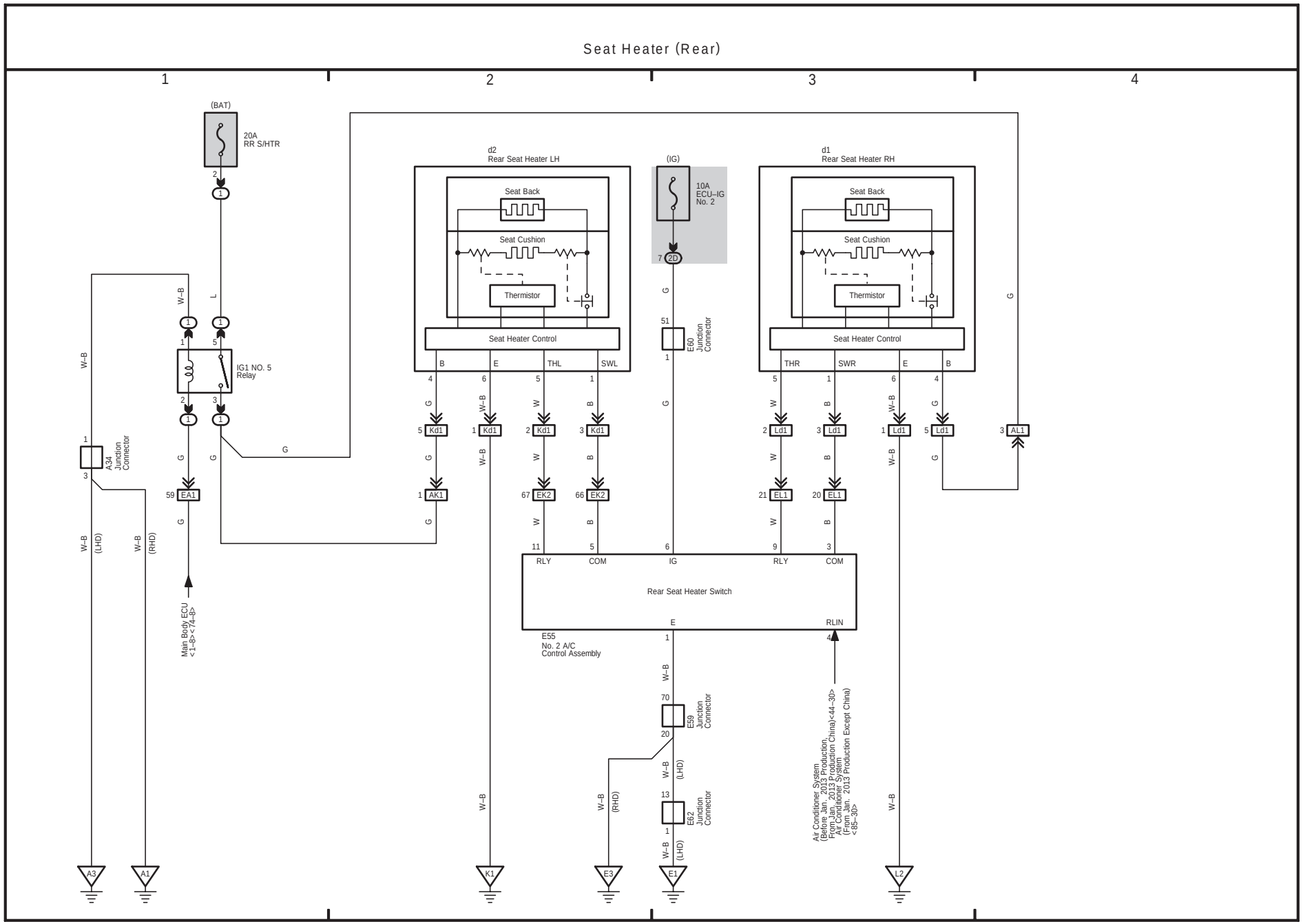


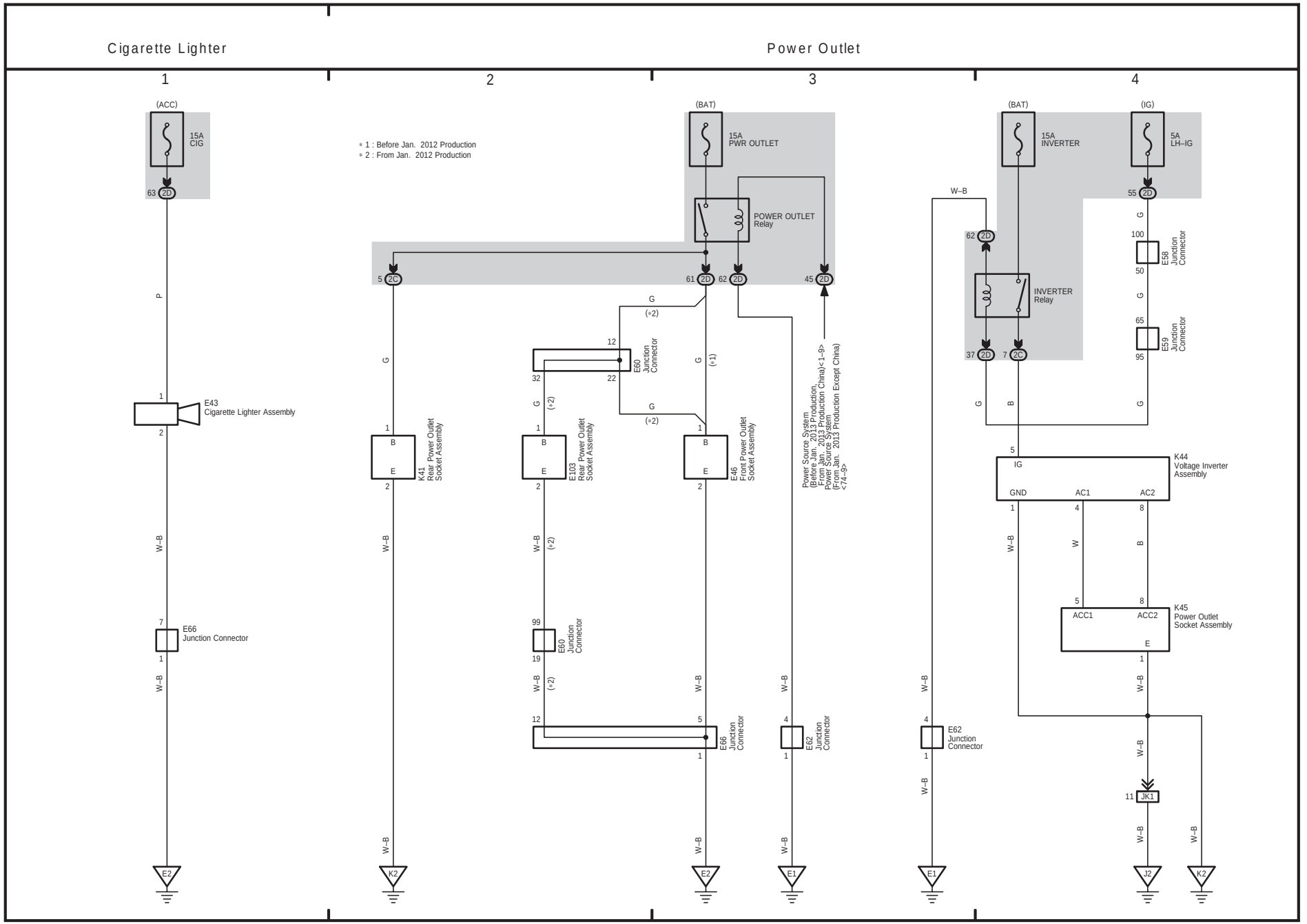
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : w/ Short Connector
* 4 : w/o Short Connector
* 5 : From Jan. 2013 Production Except China
* 6 : Before Jan. 2013 Production, From Jan. 2013 Production China

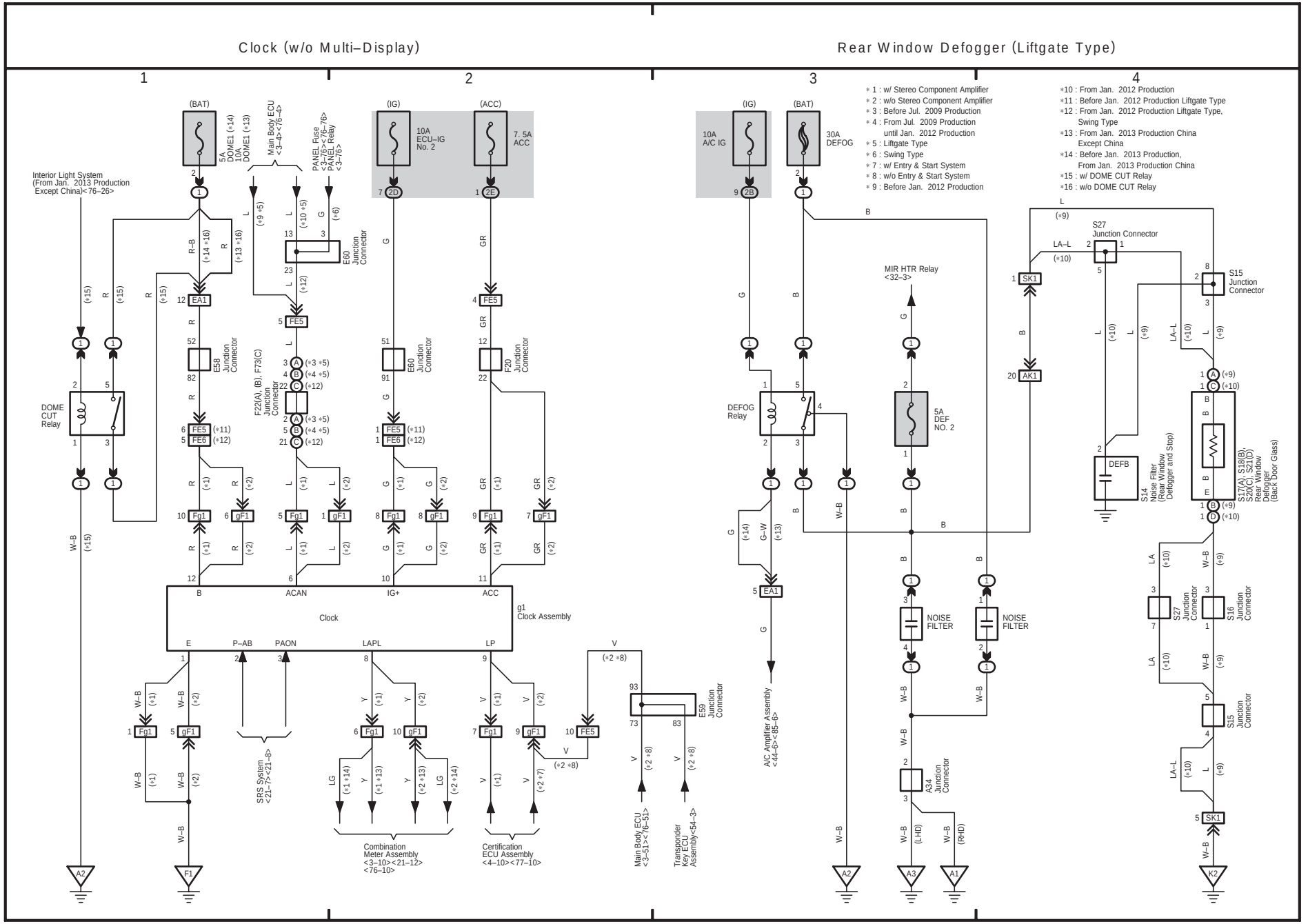

Rear Wiper and Washer
1
2
3
4
(BAT)
10A
DOME1
(IG)
15A
RR
WIPER
E15(A), E16(B)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO (*6)
HI
On+Washer
*1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
*2 : RHD Headlight Dimmer Switch Assembly RH Side Type
*3 : Liftgate Type
*4 : Swing Type
*6 : w/ Intermittent
*7 : Before Jan. 2012 Production Liftgate Type
*8 : From Jan. 2012 Production Liftgate Type
*9 : Before Aug. 2013 Production Liftgate Type
*10 : From Aug. 2013 Production Liftgate Type
*11 : From Aug. 2013 Production w/ Entry & Start System
*12 : From Aug. 2013 Production Swing Type w/ Intermittent
A16
Windshield Washer
Motor and Pump Assembly
E63
Junction
Connector
E60
Junction
Connector
S16
Junction
Connector
S15
Junction
Connector
Rear Wiper Relay
S6(A), S28(C), T2(B)
Rear Wiper Motor Assembly
EA1
EL1
TL1
KL1
EK1
EK2
SK1
TL2
K2
L2
E1
E3
W–B
(LHD)
W–B
(RHD)


Automatic Glare–Resistant EC Mirror with Compass
Mirror Heater
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
GND1
3
R7 Overhead Module
2
W–B (*1)
W–B (*1)
W–B (*2)
W–B
11 RE2
W–B
3
E52 Junction Connector
1
W–B
E1
I15(A), I35(B) Outer Rear View Mirror Assembly LH
I7(A), I32(B) Outer Rear View Mirror Assembly RH
EC+
EC–
3 A
5 B
12 A (*3)
16 B (*4)
GR
B
20 IE4
19 IE4
19 IE1
20 IE1
14
15
E58 Junction Connector
4
13
5
16
4 RE2
3 RE2
4 A
1 B
3 A
4 B
2 A (*3)
5 B (*4)
IG
EC+
EC–
R2(A), R16(B) Inner Rear View Mirror Assembly
E
LIN
1 A (*3)
2 B (*4)
10 B (*4)
B (*5)
2 RE2
B (*5)
Headlight Leveling ECU Assembly< 93–2>
* 1 : w/ Overhead Module
* 2 : w/o Overhead Module
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
* 5 : w/ Automatic High Beam System
(BAT)
15A MIR
MIR HTR Relay
11 2D
19 2D
38 2D
50 2D
G
30 EA1
G
DEF NO. 2 Fuse <36–3>
W–B (*4)
90 A
19 A
E60(A) Junction Connector
W–B (*4)
12
E66 Junction Connector
1
W–B (*4)
E2
W–B (*3)
E3
W
12 IE6
12 IE5
12 IE2 (LHD)
12 IE3 (RHD)
W
4 A (*3)
6 B (*4)
Mirror Heater
3 A (*3)
17 B (*4)
I15(A), I35(B) Outer Rear View Mirror Assembly LH
W–B
I2
W
4 A (*3)
6 B (*4)
Mirror Heater
3 A (*3)
17 B (*4)
I7(A), I32(B) Outer Rear View Mirror Assembly RH
W–B
I1


Seat Heater (Front)
* 1 : Before Jul. 2009 Production
* 2 : From Jul. 2009 Production
* 3 : Before Jan. 2012 Production
* 4 : From Jan. 2012 Production
1
2
3
4
(IG)
20A SEAT–HTR
3B
3C
10
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
15 VE2
14 VE2
13 VE2
RV
SW
IG
9 Kc1
V1
Seat Heater Switch
7
1 VE1 (*1)
1 VE3 (*2)
E66 Junction Connector
K1
E2
5A LH–IG
55 2D
100
60
E58 Junction Connector
c1 Front Seat Heater Assembly RH
SWR
THR
B1
18 Lc1
24 Lc1
59 EL1 - 60 EL1 (*3)
32 EL1 - 31 EL1 (*4)
16 VE2
17 VE2
c12 Junction Connector
17 Lc1
9 Lc1
W–B (*3)
W–B (*4)
4 AL1
L1
A3

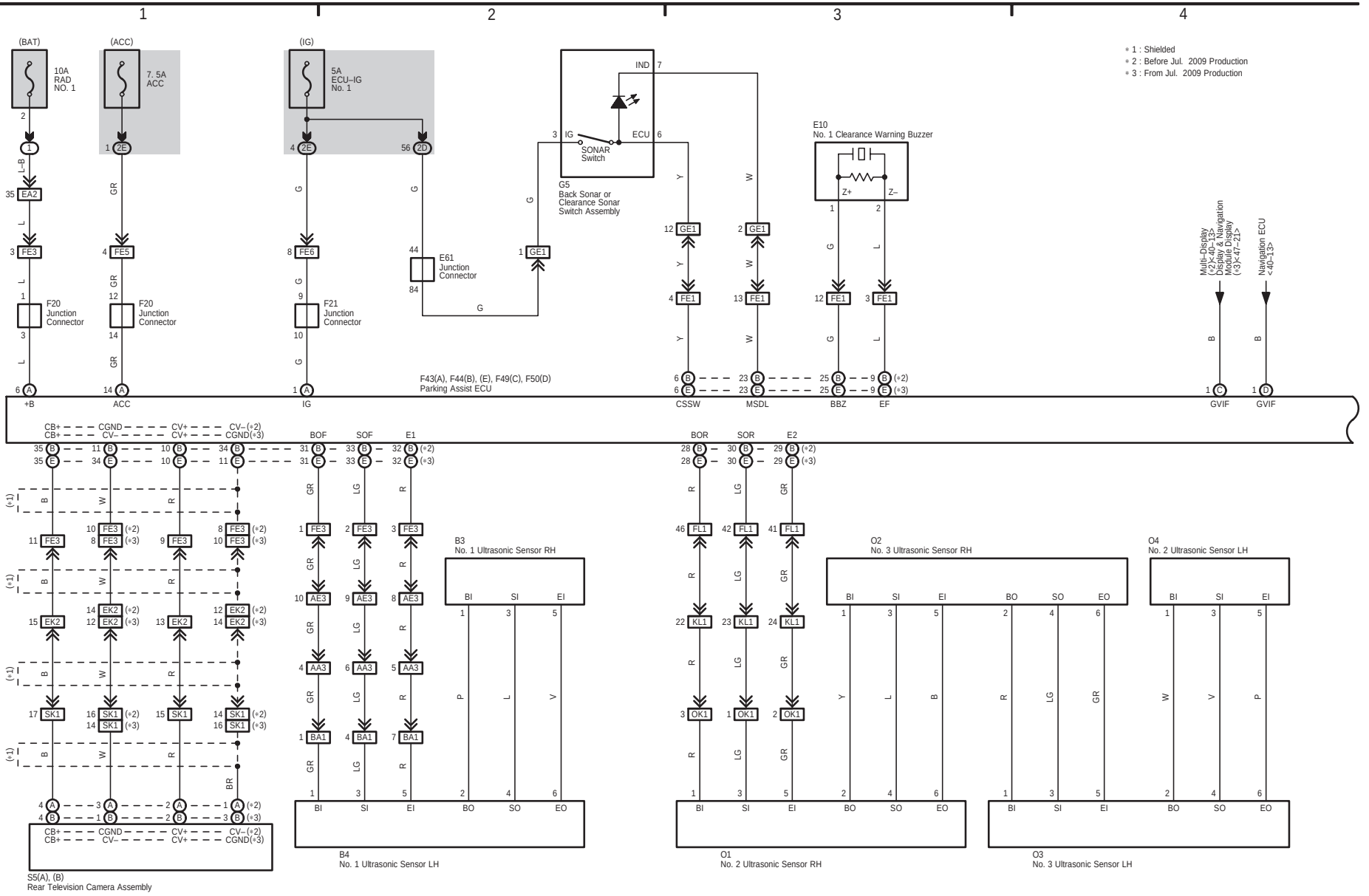

Seat Heater (Rear)
1
2
3
4
(BAT)
20A
RR S/HTR
d2
Rear Seat Heater LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
(IG)
10A
ECU–IG
No. 2
d1
Rear Seat Heater RH
THR
SWR
E
B
IG1 NO. 5
Relay
A34
Junction
Connector
E60
Junction
Connector
E59
Junction
Connector
E62
Junction
Connector
Rear Seat Heater Switch
RLY
COM
IG
E
RLIN
E55
No. 2 A/C
Control Assembly
Main Body ECU
<1–8>
<74–8>
Air Conditioner System
(Before Jan., 2013 Production,
From Jan., 2013 Production China)
Air Conditioner System
(From Jan., 2013 Production Except China)
<44–30>
<65–30>
W–B
(LHD)
W–B
(RHD)
A3
A1
K1
E3
E1
L2


Cigarette Lighter
Power Outlet
1
2
3
4
(ACC)
15A
CIG
63 2D
P
1
E43
Cigarette Lighter Assembly
2
W–B
7
E66
Junction Connector
1
W–B
E2
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
(BAT)
15A
PWR OUTLET
POWER OUTLET
Relay
5 2C
61 2D
62 2D
45 2D
G
(*2)
12
E60
Junction
Connector
32
22
G
(*2)
G
(*1)
G
(*2)
1
B
E
2
K41
Rear Power Outlet
Socket Assembly
W–B
K2
1
B
E
2
E103
Rear Power Outlet
Socket Assembly
W–B
(*2)
99
E60
Junction
Connector
19
W–B
(*2)
12
5
E66
Junction
Connector
1
W–B
E2
1
B
E
2
E46
Front Power Outlet
Socket Assembly
W–B
E1
Power Source System
(Before Jan. 2013 Production,
From Jan. 2013 Production China)<1–9>
Power Source System
(From Jan. 2013 Production Except China)
<74–9>
(BAT)
15A
INVERTER
(IG)
5A
LH–IG
W–B
55 2D
G
100
E58
Junction
Connector
50
G
65
E59
Junction
Connector
95
G
62 2D
INVERTER
Relay
37 2D
7 2C
G
B
G
5
IG
GND
AC1
AC2
K44
Voltage Inverter
Assembly
1
4
8
W–B
W
B
5
8
ACC1
ACC2
E
K45
Power Outlet
Socket Assembly
1
W–B
W–B
11 JK1
W–B
W–B
4
E62
Junction
Connector
1
W–B
E1
J2
K2

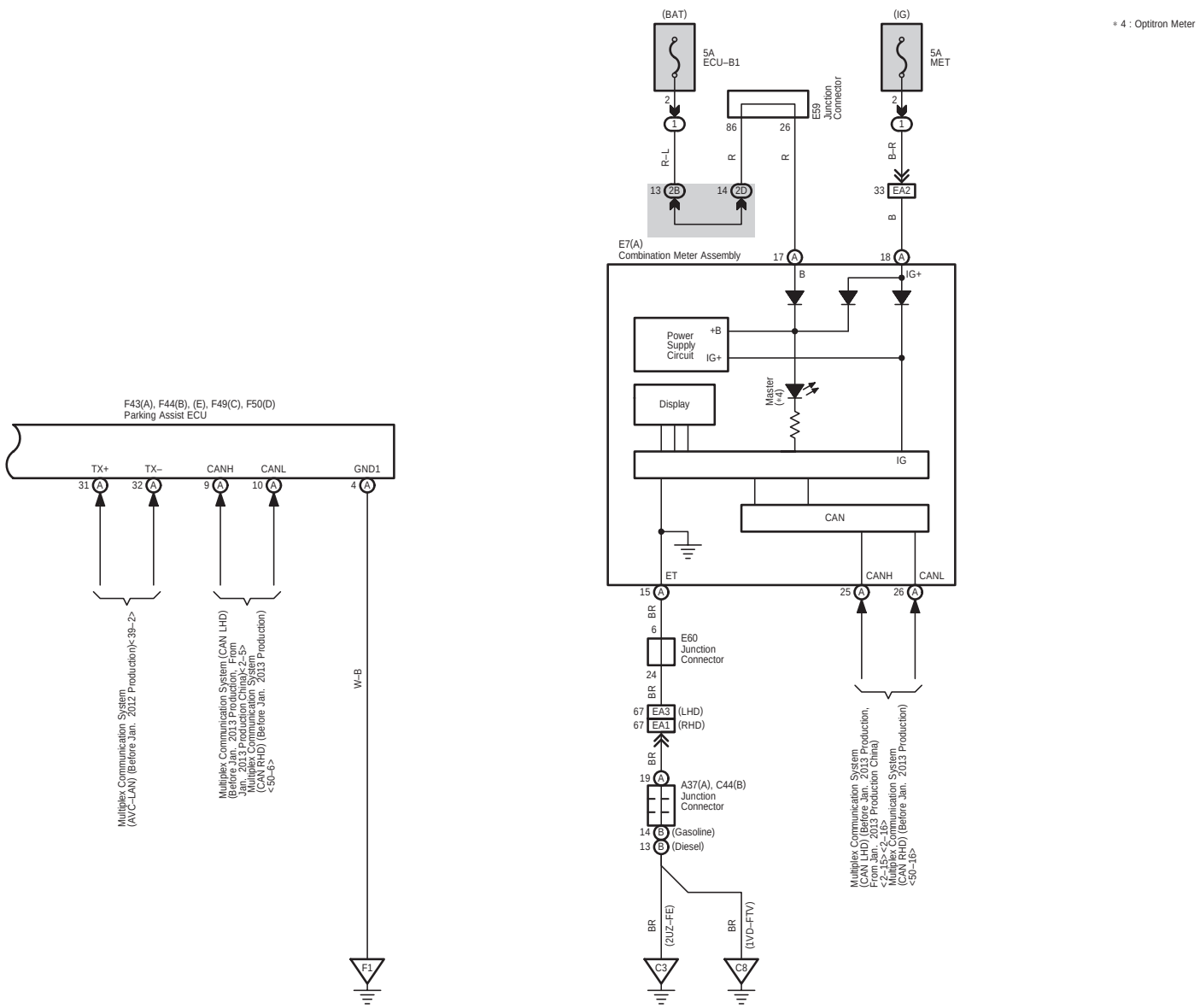

Clock (w/o Multi–Display)
Rear Window Defogger (Liftgate Type)
1
2
3
4
∗1 : w/ Stereo Component Amplifier
∗2 : w/o Stereo Component Amplifier
∗3 : Before Jul. 2009 Production
∗4 : From Jul. 2009 Production until Jan. 2012 Production
∗5 : Liftgate Type
∗6 : Swing Type
∗7 : w/ Entry & Start System
∗8 : w/o Entry & Start System
∗9 : Before Jan. 2012 Production
∗10 : From Jan. 2012 Production
∗11 : Before Jan. 2012 Production Liftgate Type
∗12 : From Jan. 2012 Production Liftgate Type, Swing Type
∗13 : From Jan. 2013 Production China Except China
∗14 : Before Jan. 2013 Production, From Jan. 2013 Production China
∗15 : w/ DOME CUT Relay
∗16 : w/o DOME CUT Relay
(BAT)
(IG)
(ACC)
5A DOME1 (∗14) 10A DOME1 (∗13)
Main Body ECU <3–4><76–4>
PANEL Fuse <3–76><76–76>
PANEL Relay <3–76>
10A ECU–IG No. 2
7. 5A ACC
10A A/C IG
30A DEFOG
Interior Light System (From Jan. 2013 Production Except China)<76–26>
E60 Junction Connector
E58 Junction Connector
E60 Junction Connector
F20 Junction Connector
F22(A), (B), F73(C) Junction Connector
DOME CUT Relay
DEFOG Relay
MIR HTR Relay <32–3>
5A DEF NO. 2
NOISE FILTER
NOISE FILTER
A34 Junction Connector
A/C Amplifier Assembly <44–6><85–6>
S27 Junction Connector
S15 Junction Connector
DEFB
S14 Noise Filter (Rear Window Defogger and Stop)
S17(A), S18(B), S20(C), S21(D) Rear Window Defogger (Back Door Glass)
S27 Junction Connector
S16 Junction Connector
S15 Junction Connector
B
ACAN
IG+
ACC
Clock
g1 Clock Assembly
E
P–AB
PAON
LAPL
LP
SRS System <21–7><21–8>
Combination Meter Assembly <3–10><21–12> <76–10>
Certification ECU Assembly <4–10><77–10>
E59 Junction Connector
Main Body ECU <3–51><76–51>
Transponder Key ECU Assembly<54–3>
(LHD)
(RHD)
A2
F1
A3
A1
K2

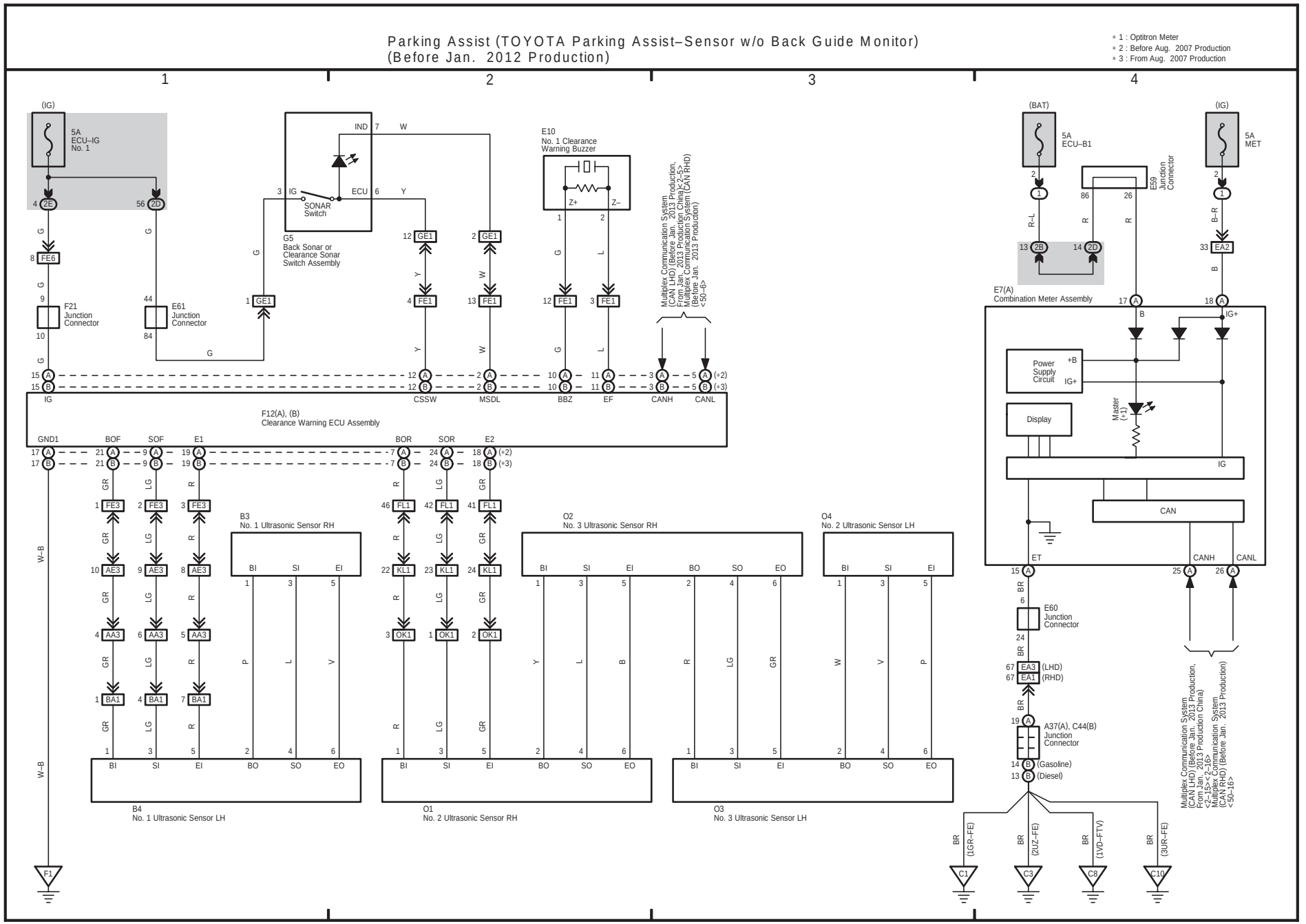
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Parking Assist (Back Guide Monitor) and Parking Assist (TOYOTA Parking Assist–Sensor w/ Back Guide Monitor) (Before Jan. 2012 Production)



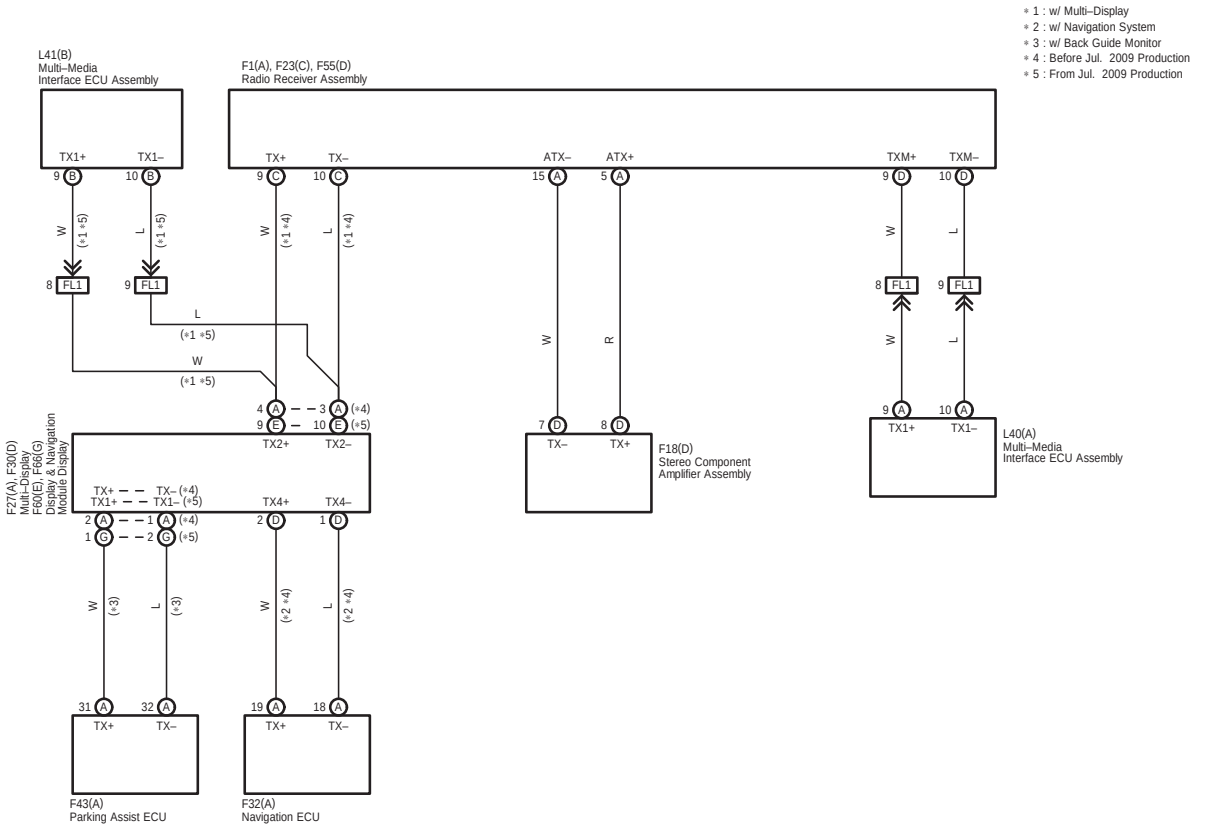
Parking Assist (Back Guide Monitor) and Parking Assist (TOYOTA Parking Assist–Sensor w/ Back Guide Monitor) (Before Jan. 2012 Production)




Parking Assist (TOYOTA Parking Assist–Sensor w/o Back Guide Monitor)
(Before Jan. 2012 Production)
* 1 : Optitron Meter
* 2 : Before Aug. 2007 Production
* 3 : From Aug. 2007 Production
1
2
3
4
(IG)
5A ECU–IG No. 1
F21 Junction Connector
E61 Junction Connector
G5 Back Sonar or Clearance Sonar Switch Assembly
SONAR Switch
E10 No. 1 Clearance Warning Buzzer
Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)<2–5> Multiplex Communication System (CAN RHD) (Before Jan. 2013 Production) <50–6>
F12(A), (B) Clearance Warning ECU Assembly
IG
CSSW
MSDL
BBZ
EF
CANH
CANL
GND1
BOF
SOF
E1
BOR
SOR
E2
B3 No. 1 Ultrasonic Sensor RH
B4 No. 1 Ultrasonic Sensor LH
O1 No. 2 Ultrasonic Sensor RH
O2 No. 3 Ultrasonic Sensor RH
O3 No. 3 Ultrasonic Sensor LH
O4 No. 2 Ultrasonic Sensor LH
BI
SI
EI
BO
SO
EO
(BAT)
5A ECU–B1
5A MET
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
Display
Master (*1)
CAN
ET
E60 Junction Connector
(LHD)
(RHD)
A37(A), C44(B) Junction Connector
(Gasoline)
(Diesel)
(1GR–FE)
(2UZ–FE)
(1VD–FTV)
(3UR–FE)
Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China) <2–15> <2–16> Multiplex Communication System (CAN RHD) (Before Jan. 2013 Production) <50–15> <50–16>

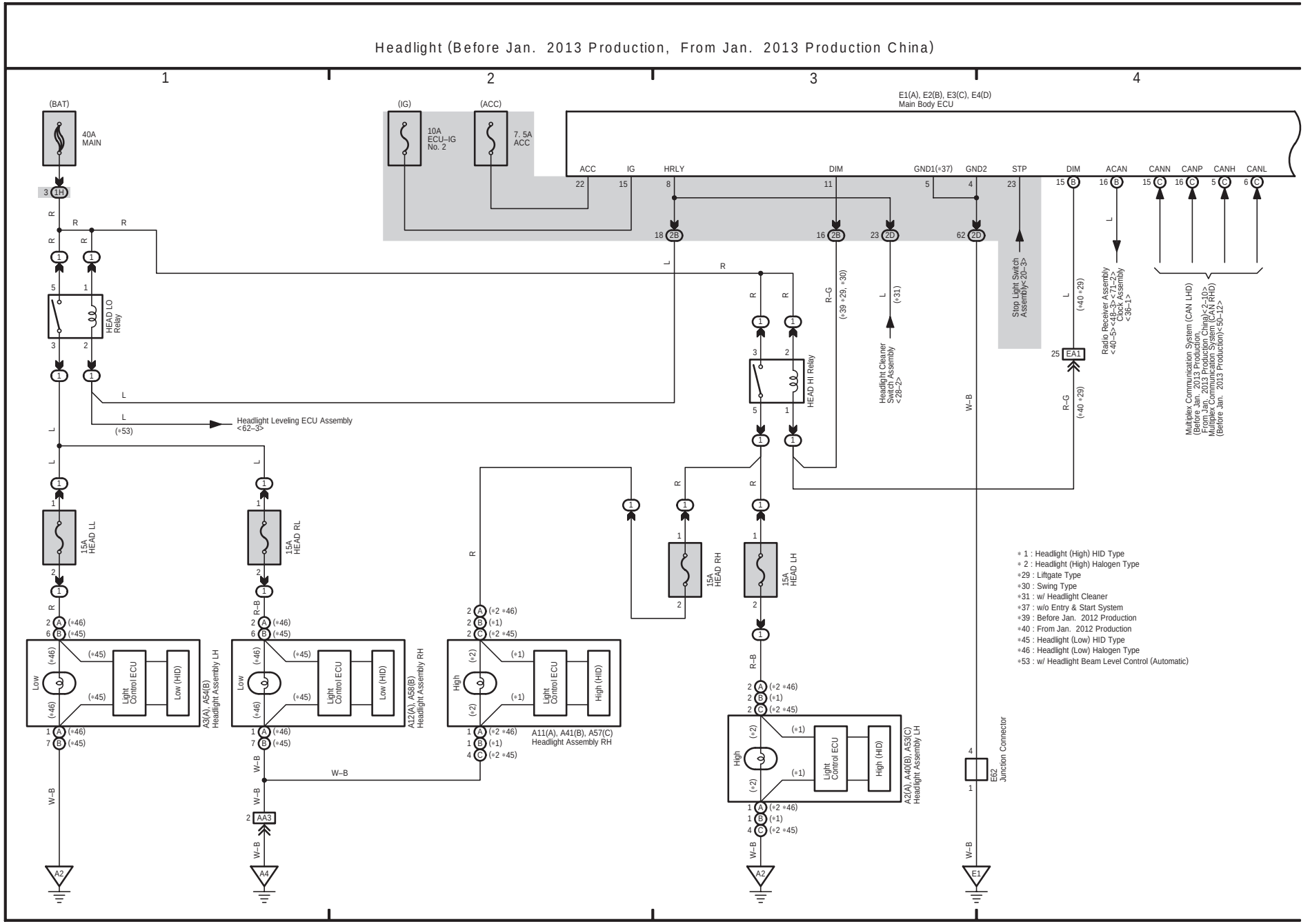
Multiplex Communication System (AVC–LAN) (Before Jan. 2012 Production)

1 2 3 4



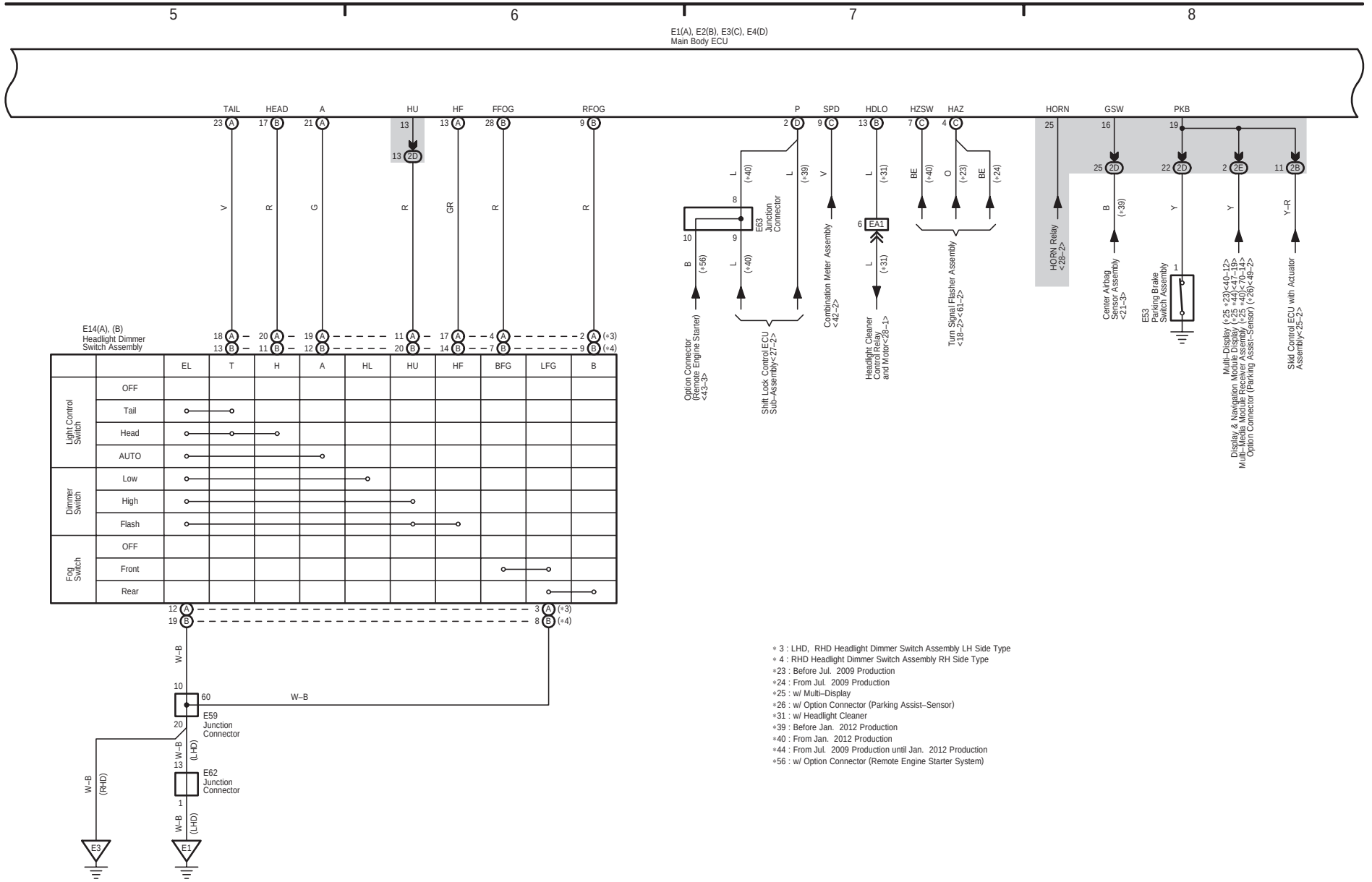
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Headlight (Before Jan. 2013 Production, From Jan. 2013 Production China)

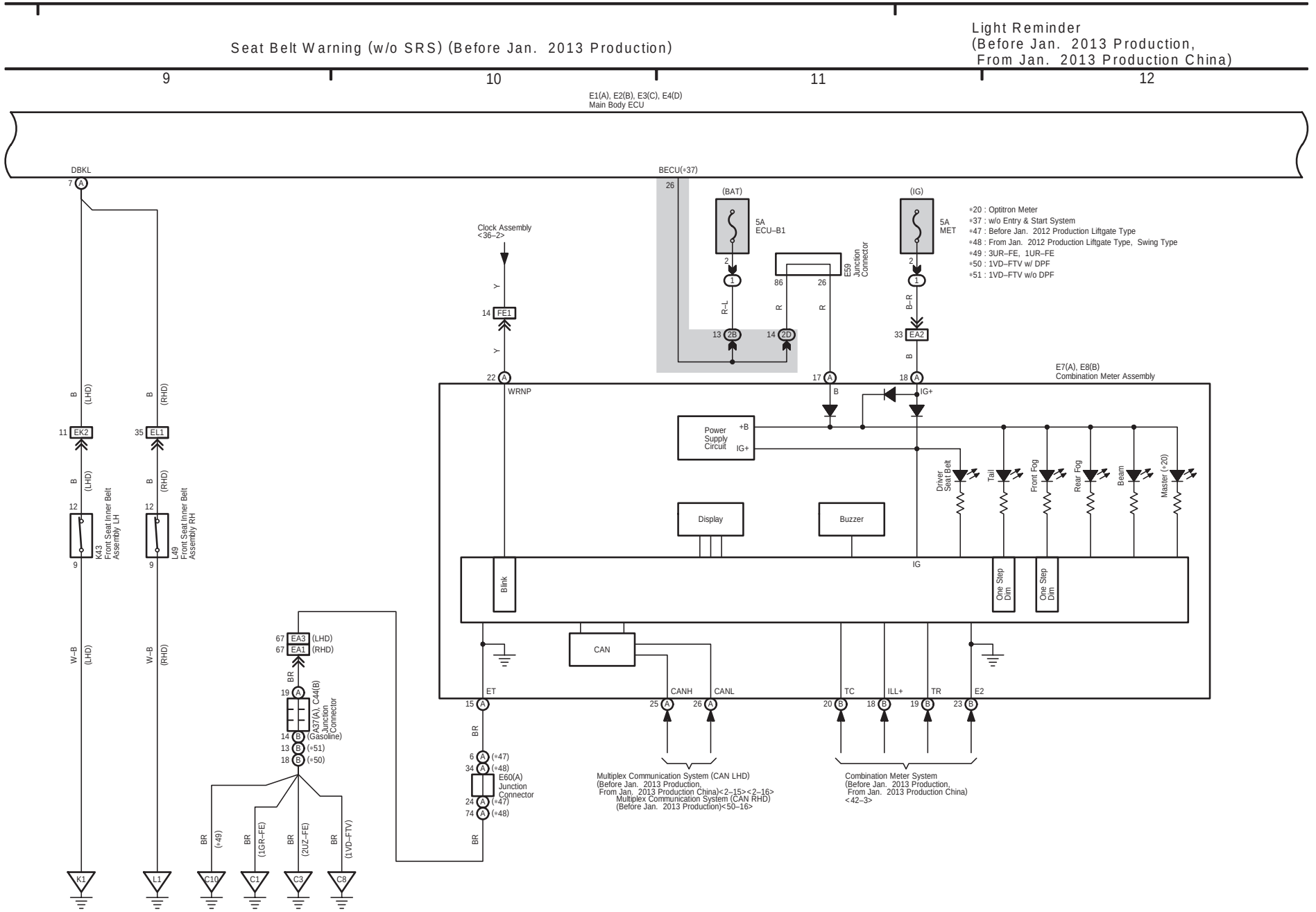


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Headlight (Before Jan. 2013 Production, From Jan. 2013 Production China)



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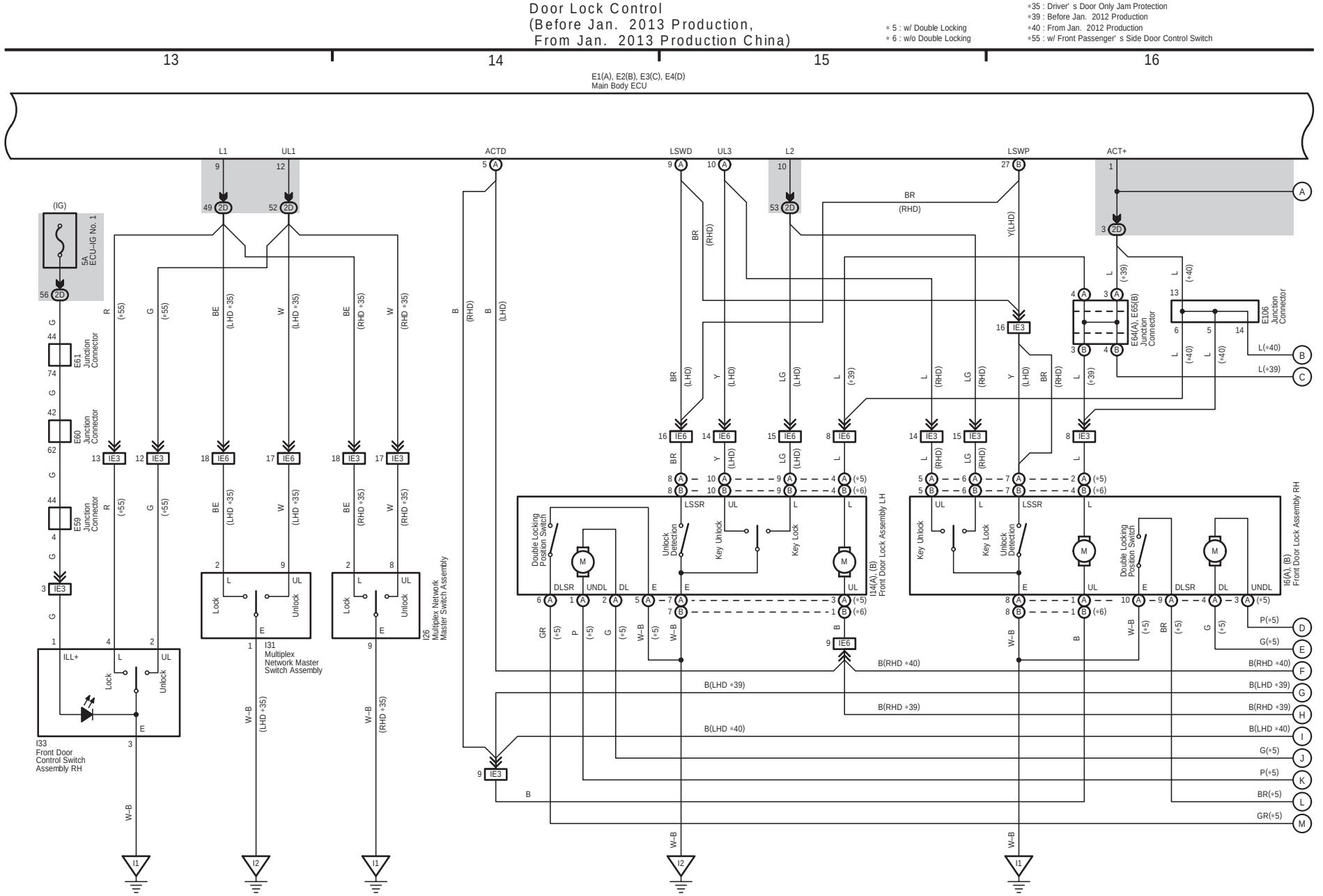


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Door Lock Control (Before Jan. 2013 Production, From Jan. 2013 Production China)

∗5 : w/ Double Locking
∗6 : w/o Double Locking

∗35 : Driver' s Door Only Jam Protection
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production
∗55 : w/ Front Passenger' s Side Door Control Switch

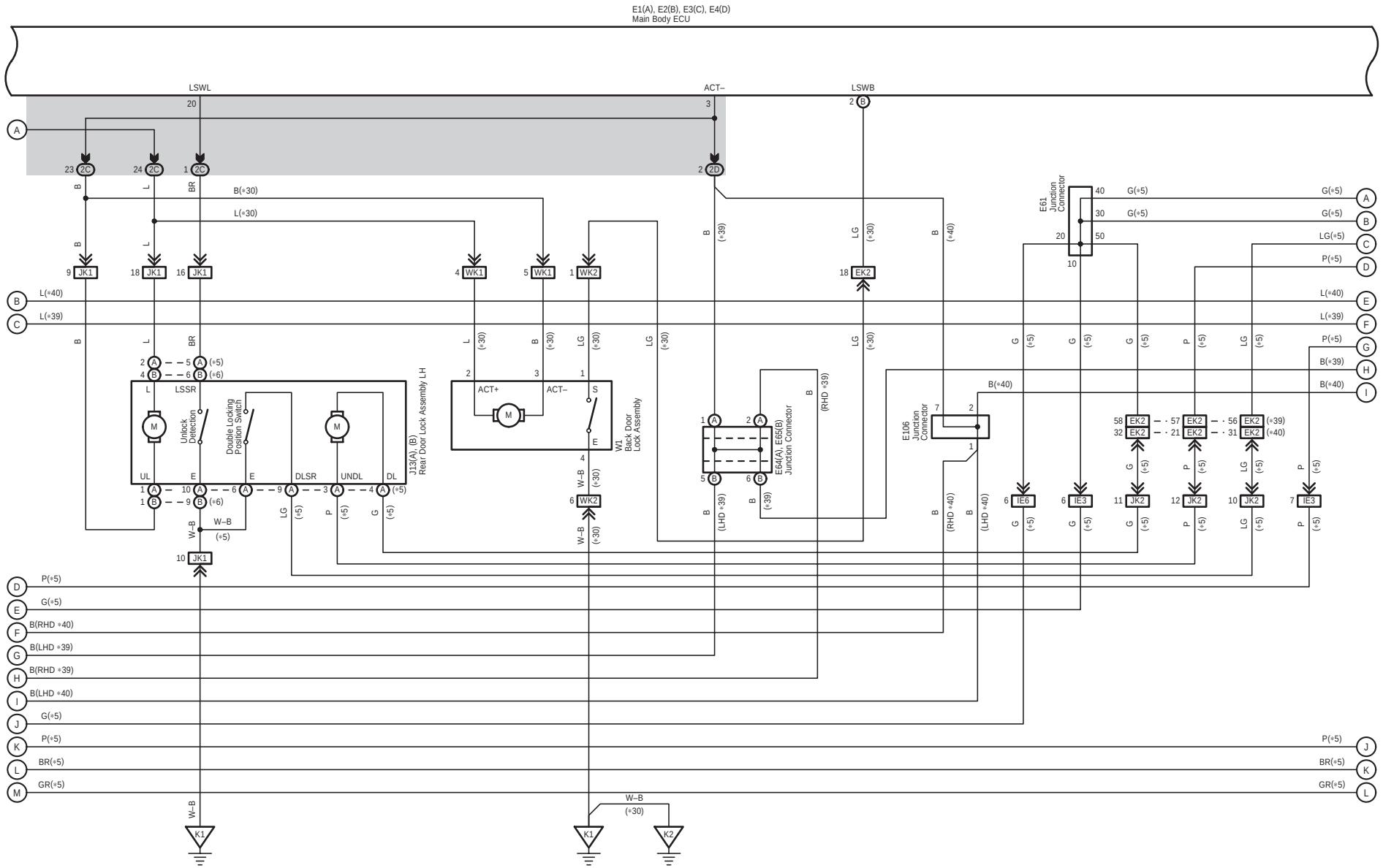


3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

Door Lock Control
(Before Jan. 2013 Production, From Jan. 2013 Production China)

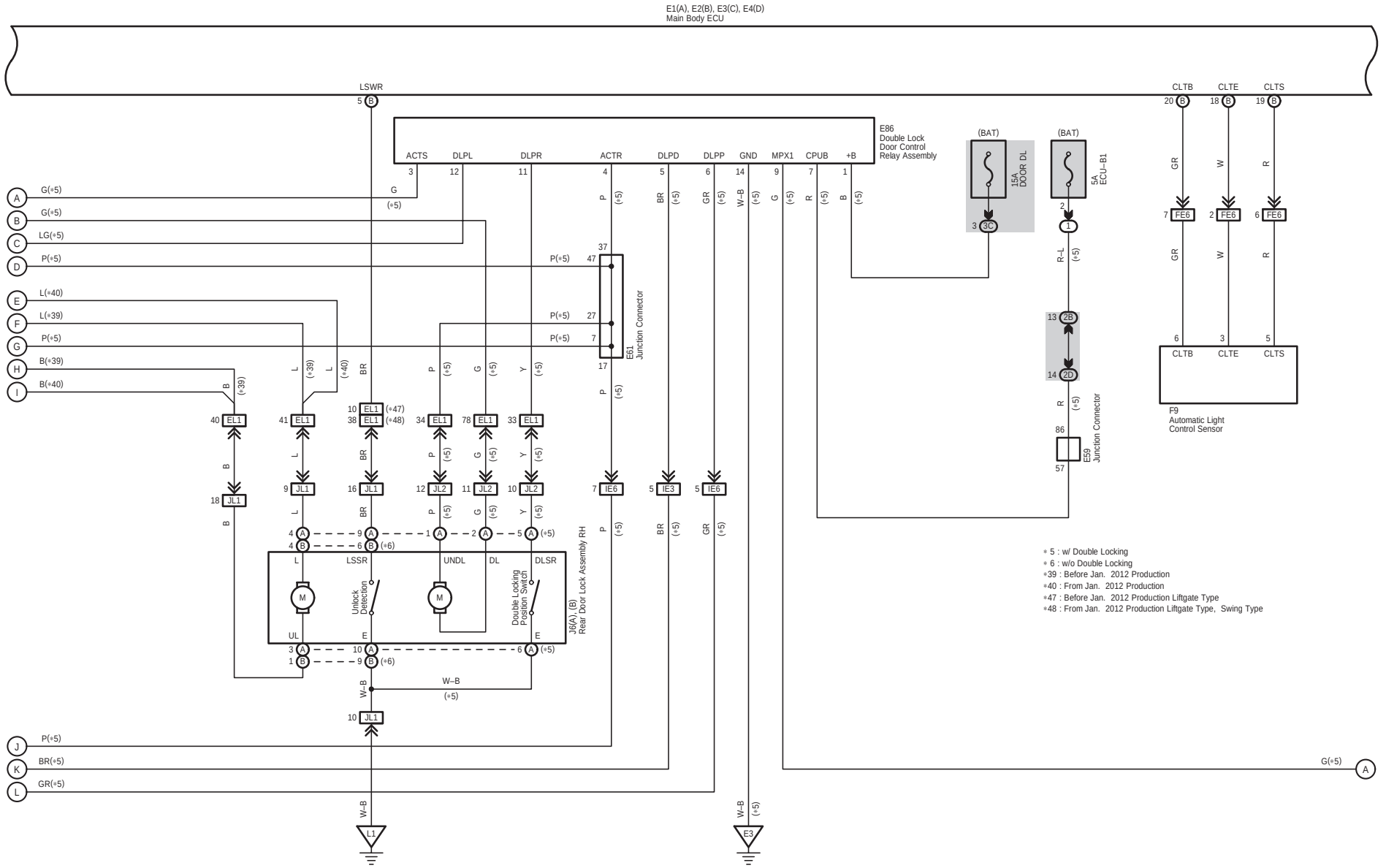
∗ 5 : w/ Double Locking
∗ 6 : w/o Double Locking
∗30 : Swing Type
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production



(Cont. next page)

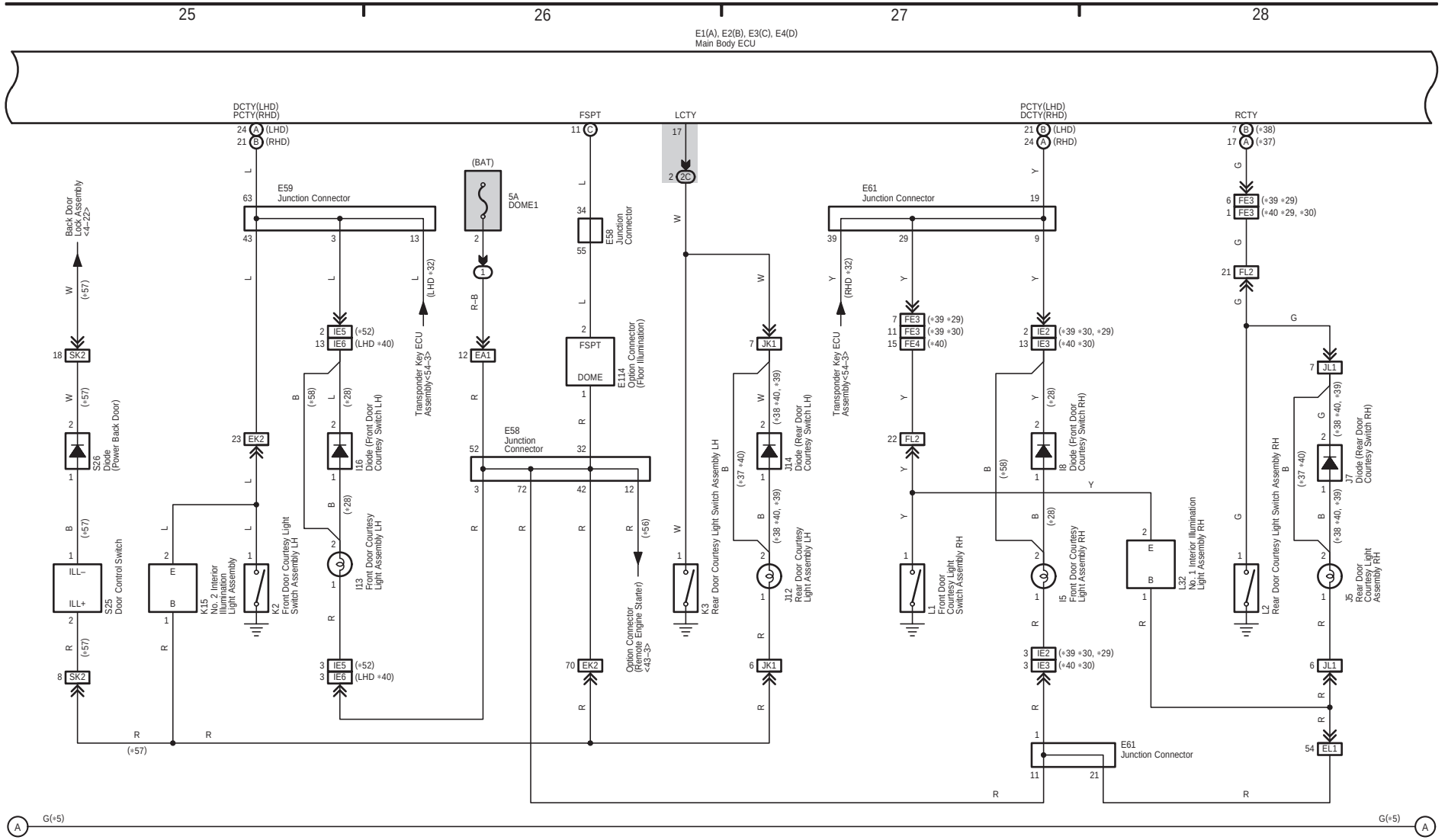
Door Lock Control (Before Jan. 2013 Production, From Jan. 2013 Production China) | Double Locking (Before Jan. 2013 Production) | Automatic Light Control and Light Auto Turn Off System (Before Jan. 2013 Production, From Jan. 2013 Production China)

21 | 22 | 23 | 24



(Cont. next page)

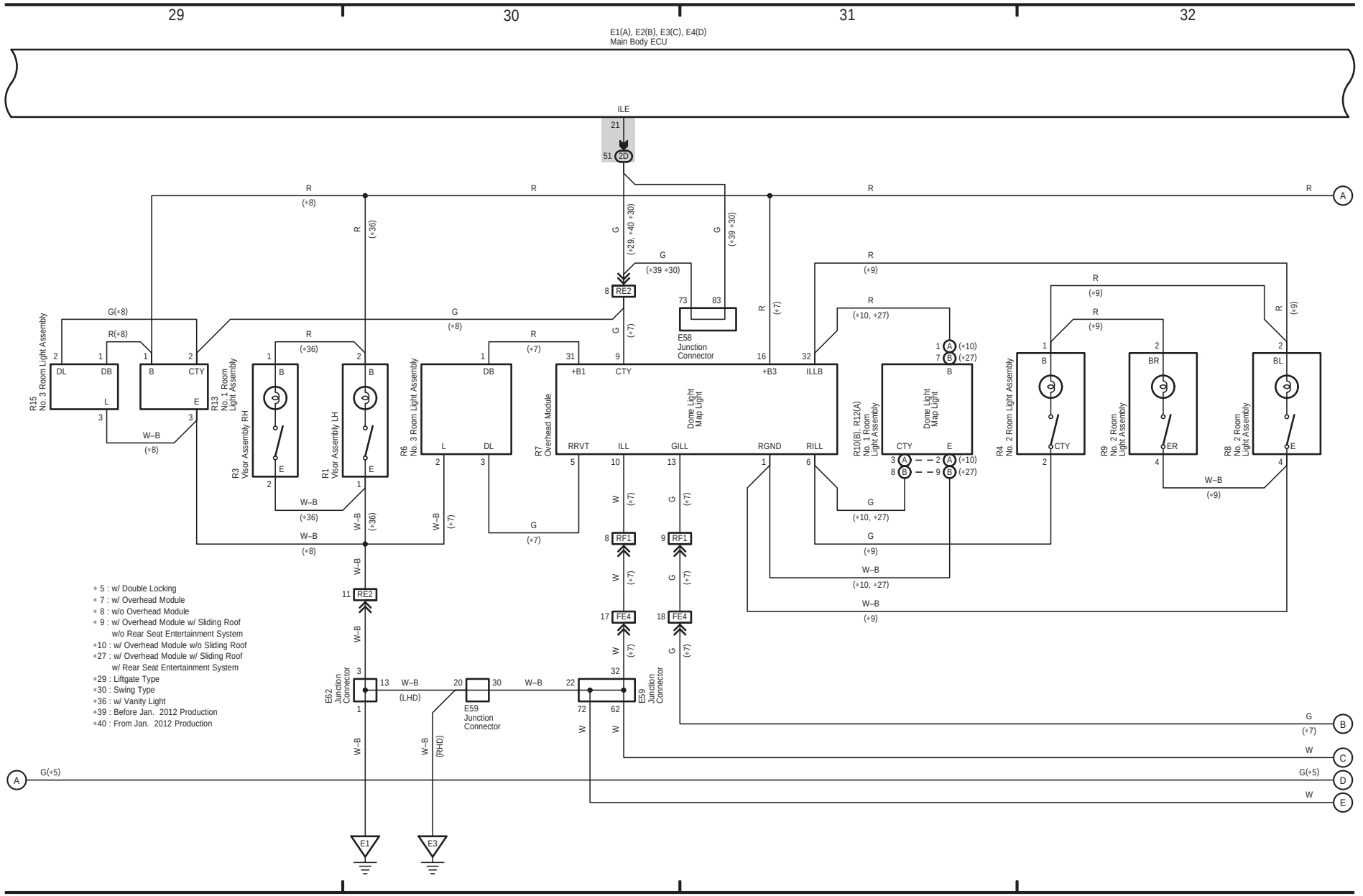
Interior Light (Before Jan. 2013 Production, From Jan. 2013 Production China)



∗ 5 : w/ Double Locking
∗28 : w/ Curtain Shield Airbag
∗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
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production
∗52 : Before Jan. 2012 Production LHD, RHD
∗56 : w/ Option Connector (Remote Engine Starter System)
∗57 : w/ Power Back Door
∗58 : w/o Curtain Shield Airbag

(Cont. next page)

Interior Light (Before Jan. 2013 Production, From Jan. 2013 Production China)



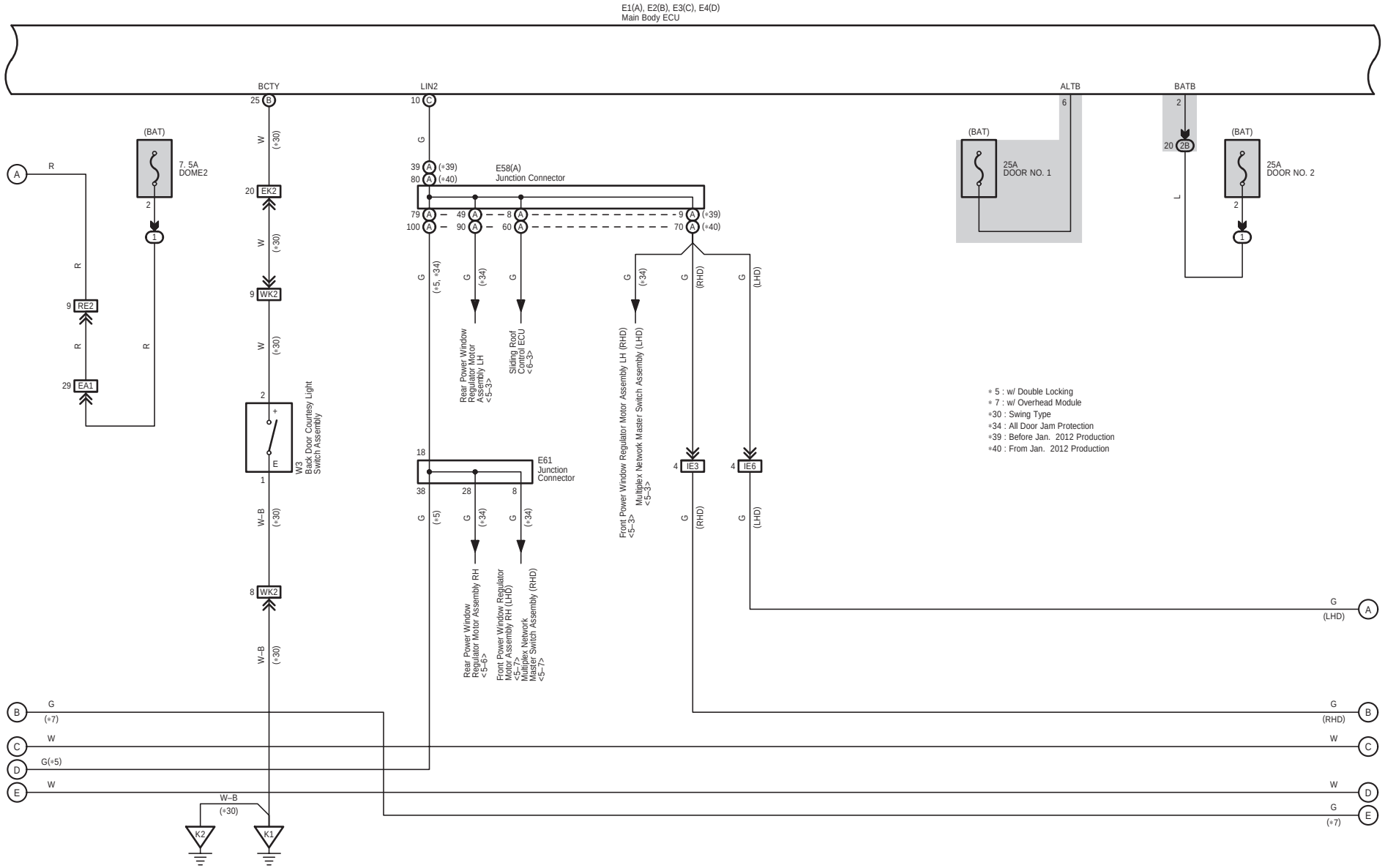
3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

Interior Light
(Before Jan. 2013 Production,
From Jan. 2013 Production China)

Power Window
(Driver' s Door Only Jam Protection)
(Before Jan. 2013 Production)

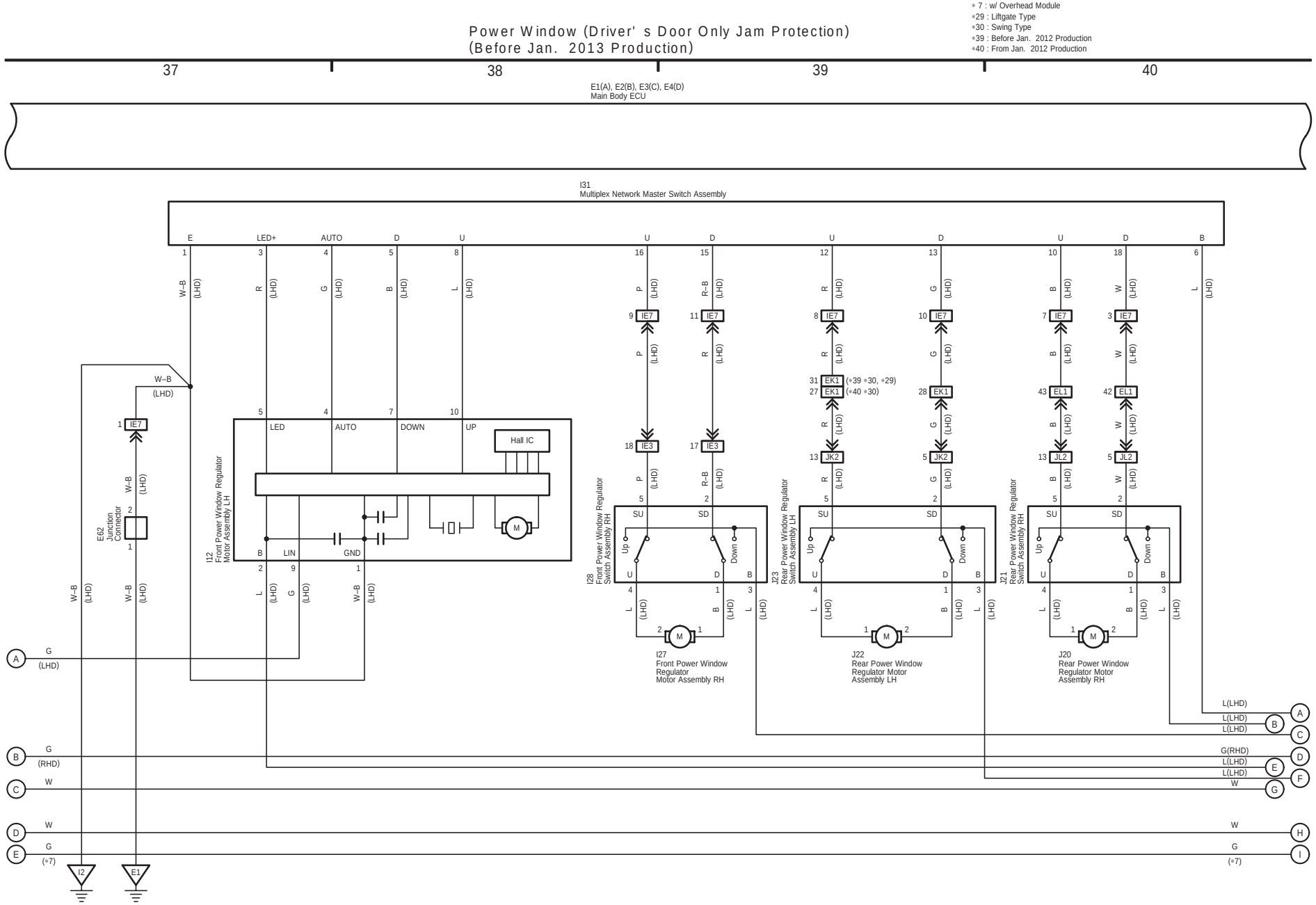
33 34 35 36



(Cont. next page)

Power Window (Driver' s Door Only Jam Protection)
(Before Jan. 2013 Production)

∗7 : w/ Overhead Module
∗29 : Liftgate Type
∗30 : Swing Type
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production



(Cont. next page)

Power Window (Driver' s Door Only Jam Protection)
(Before Jan. 2013 Production)

∗7 : w/ Overhead Module
∗29 : Liftgate Type
∗30 : Swing Type
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production

41 42 43 44

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

I26
Multiplex Network Master Switch Assembly

E LED+ AUTO D U U D U D U D B

W–B (RHD) R (RHD) G (RHD) B (RHD) L (RHD) P (RHD) R–B (RHD) R (RHD) G (RHD) B (RHD) W (RHD) L (RHD)

I4
Front Power Window Regulator Motor Assembly RH
LED AUTO DOWN UP Hall IC
B GND LIN

I30
Front Power Window Regulator Switch Assembly LH
SU SD Up Down U D B

J23
Rear Power Window Regulator Switch Assembly LH
SU SD Up Down U D B

J21
Rear Power Window Regulator Switch Assembly RH
SU SD Up Down U D B

I29
Front Power Window Regulator Motor Assembly LH

J22
Rear Power Window Regulator Motor Assembly LH

J20
Rear Power Window Regulator Motor Assembly RH

IE8 IE6 JK2 EK1 (∗39 ∗30, ∗29) (∗40 ∗30) JL2 EL1

L(RHD) L(LHD) G(RHD) W G (∗7)

E3 I1

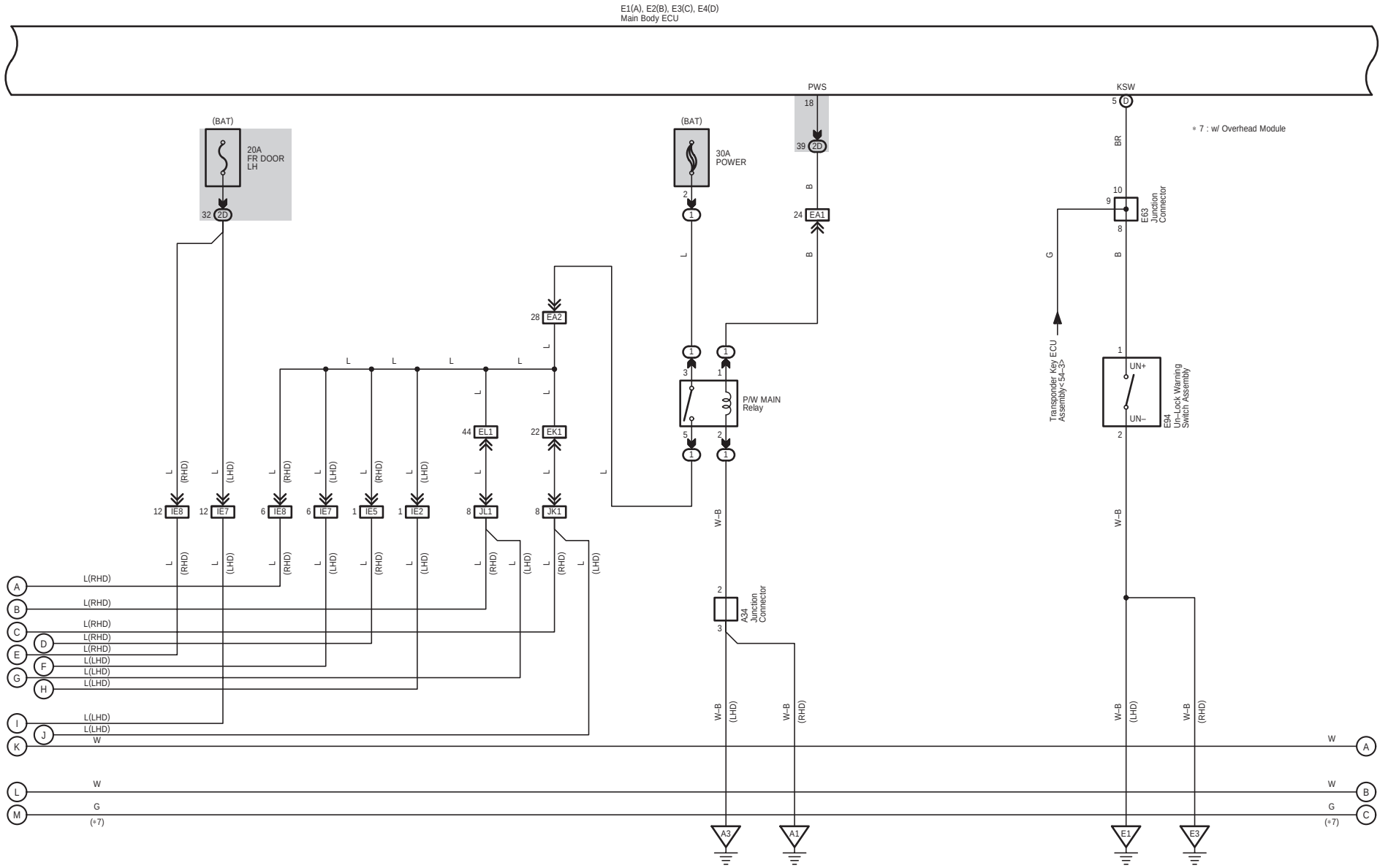
3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

Power Window
(Driver' s Door Only Jam Protection) (Before Jan. 2013 Production)

Key Reminder
(w/o Entry & Start System)
(Before Jan. 2013 Production)

45 46 47 48



M

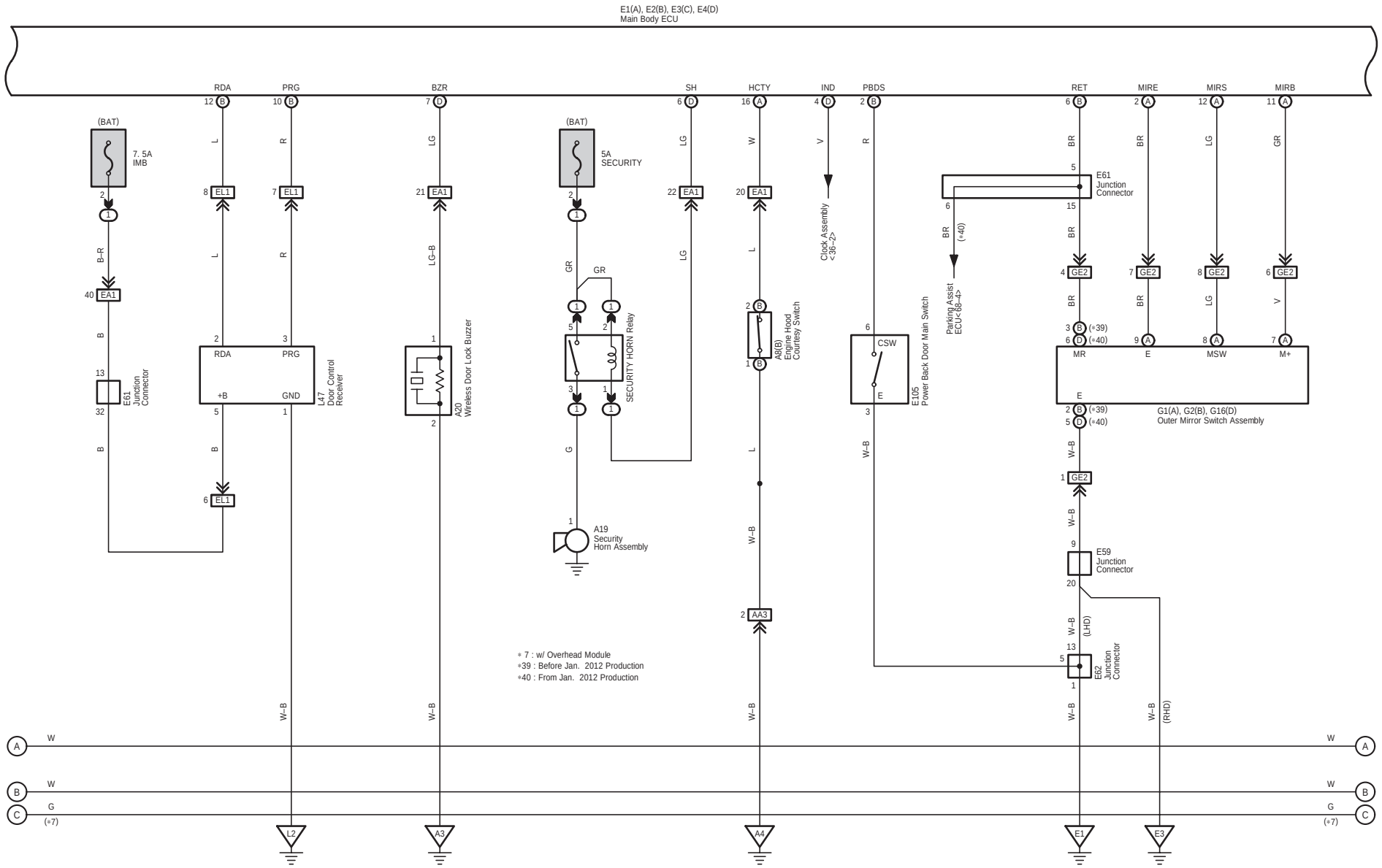
3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

Wireless Door Lock Control (w/o Entry & Start System) (Before Jan. 2013 Production) — 49

Theft Deterrent (w/o Entry & Start System) (Before Jan. 2013 Production) — 50

Remote Control Mirror (w/ Retractor) (Before Jan. 2013 Production, From Jan. 2013 Production China) — 51, 52

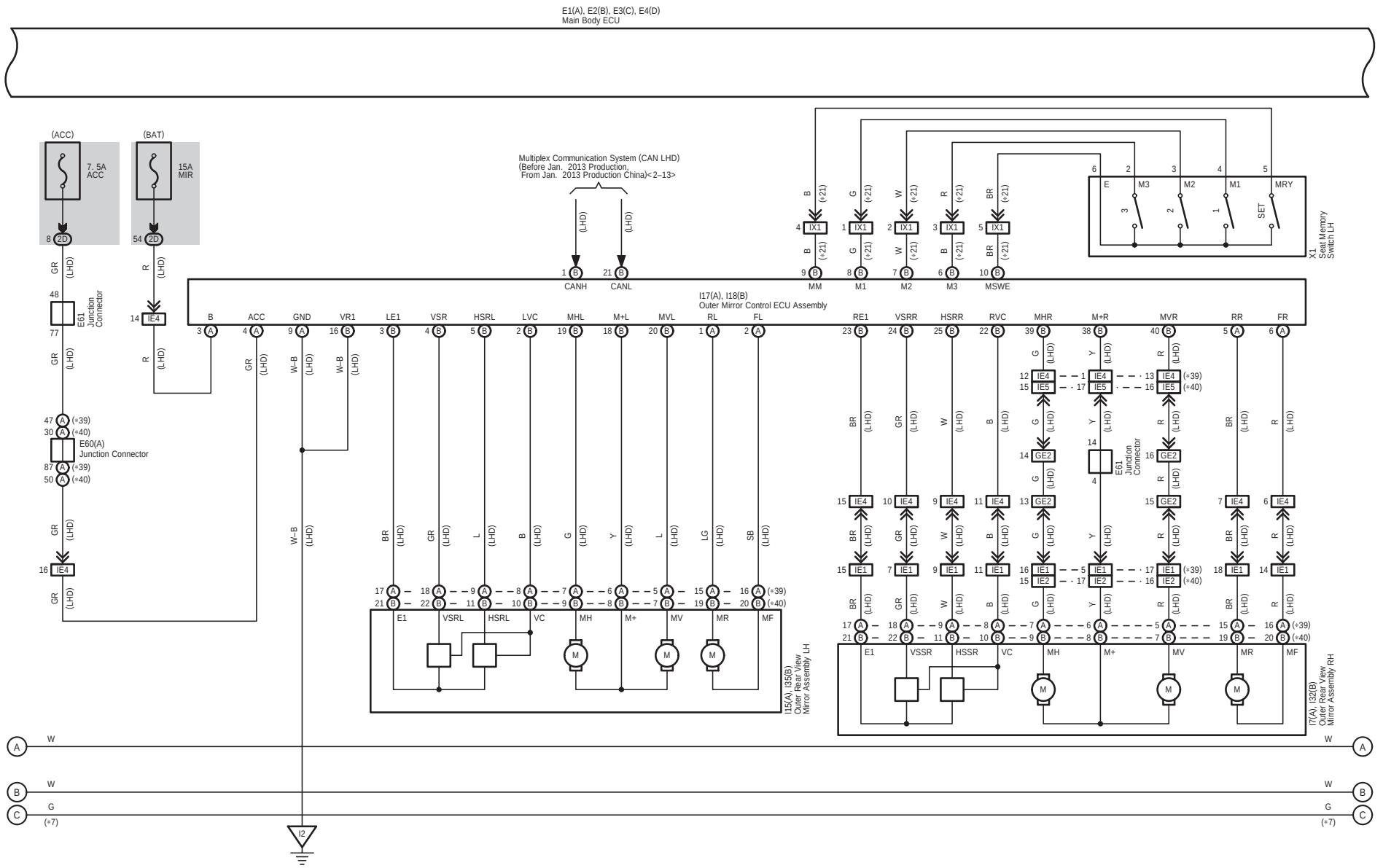


(Cont. next page)

Remote Control Mirror (w/ Retractor)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

∗7 : w/ Overhead Module
∗21 : LHD w/ Seat Position Memory
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production

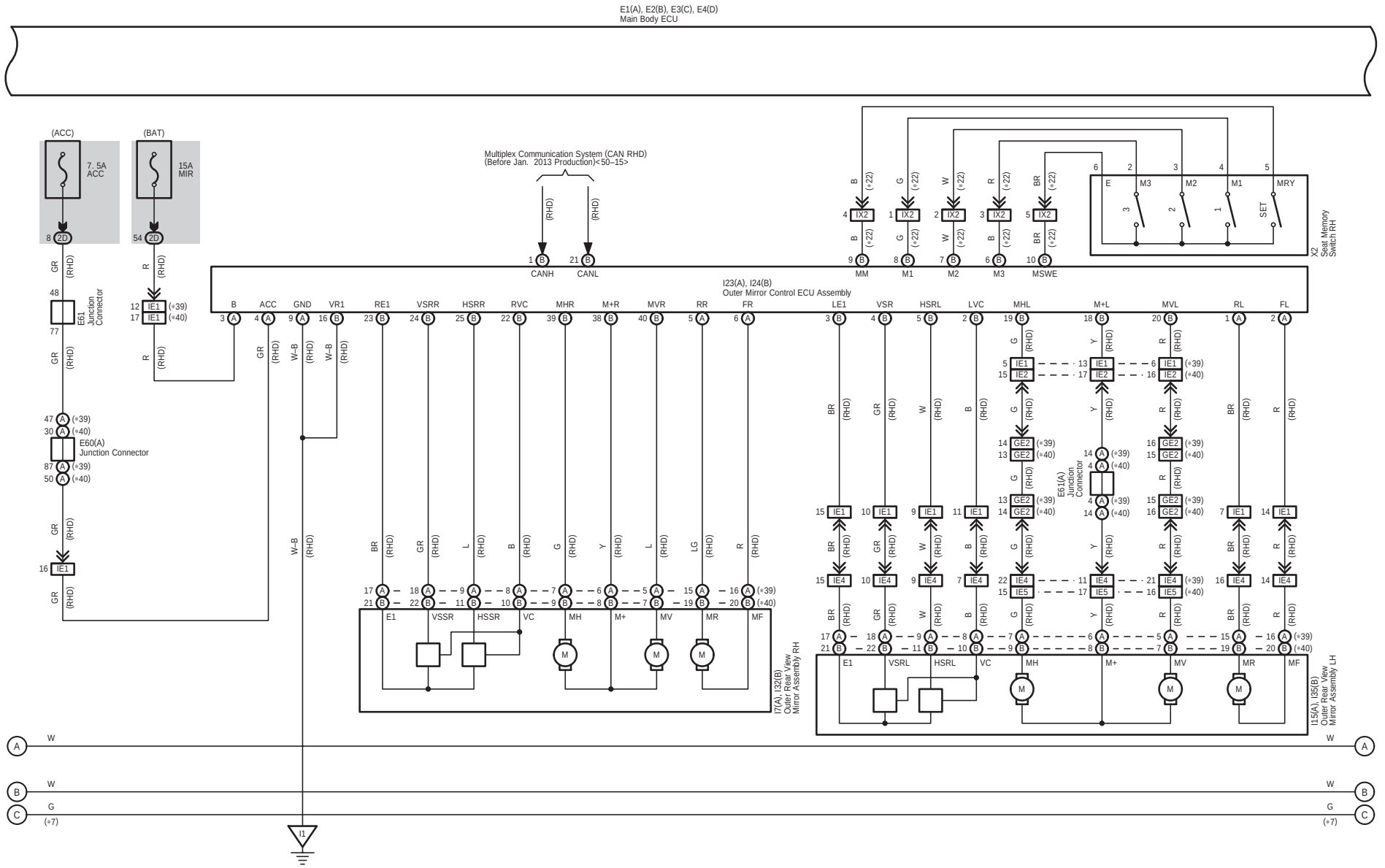
53 54 55 56



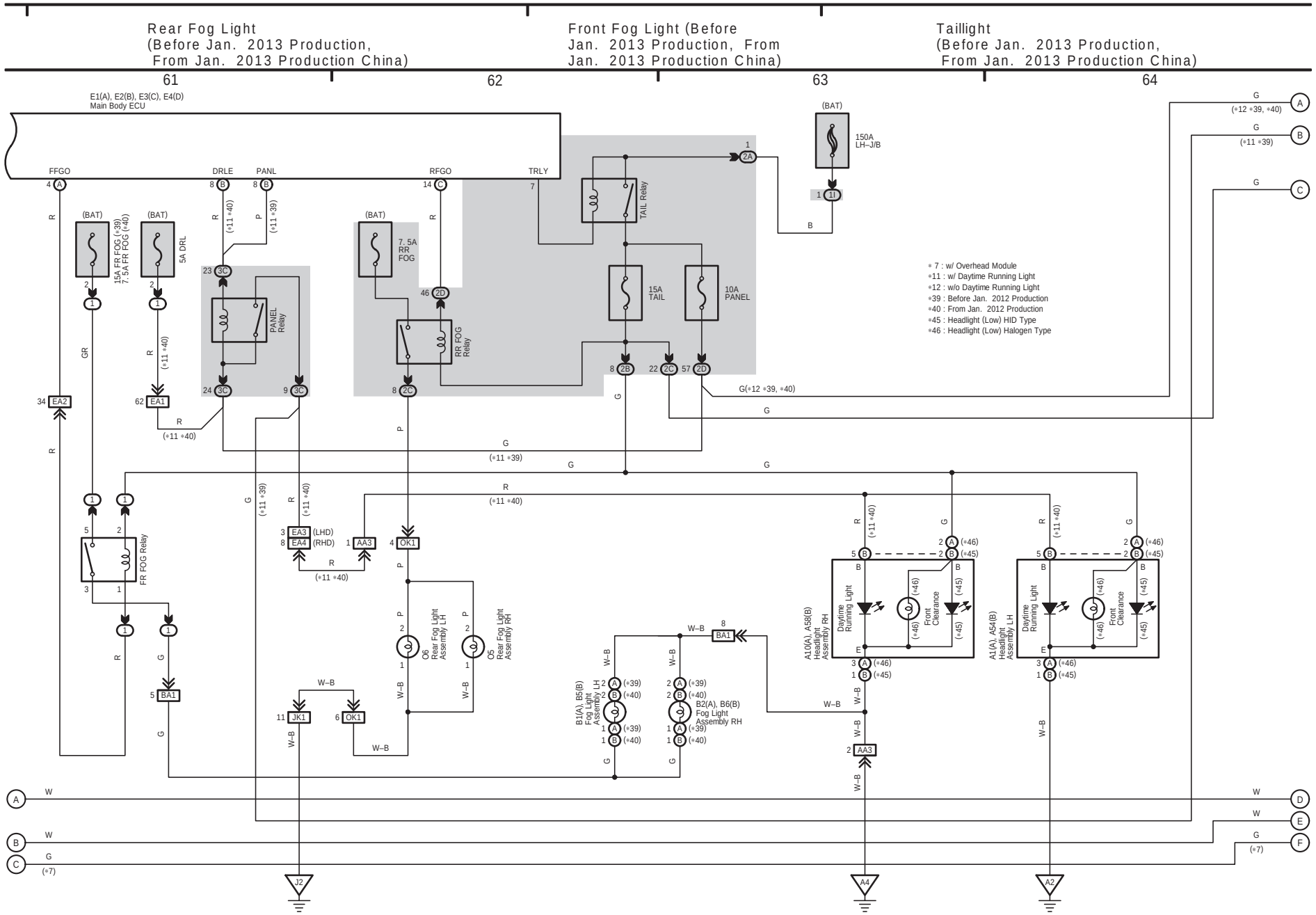
(Cont. next page)

Remote Control Mirror (w/ Retractor)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

∗7 : w/ Overhead Module
∗22 : RHD w/ Seat Position Memory
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production



(Cont. next page)

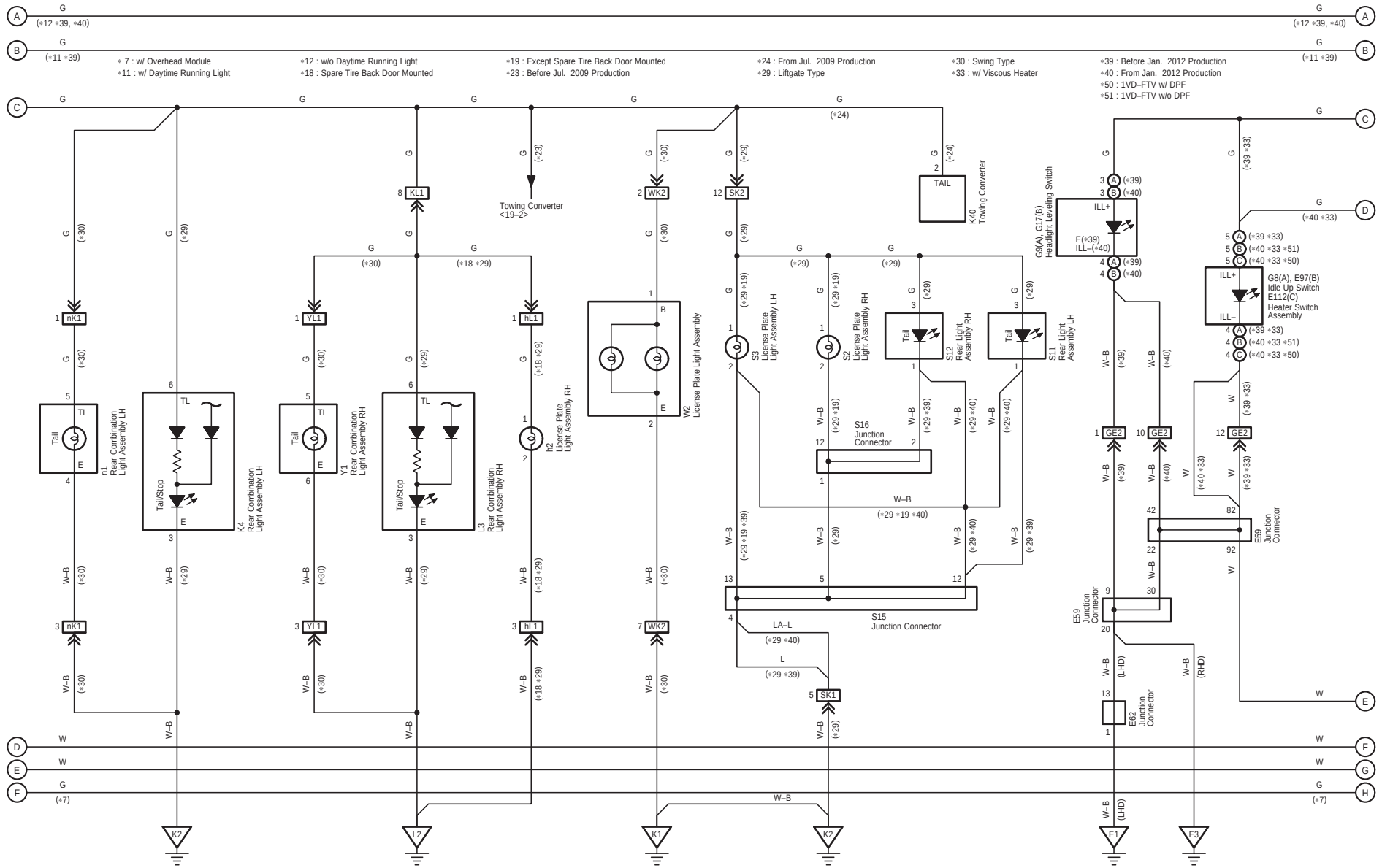


3 LAND CRUISER Station Wagon (Cont' d)

(Cont. next page)

Taillight (Before Jan. 2013 Production, From Jan. 2013 Production China) | Trailer Towing (From Jul. 2009 Production until Jan. 2013 Production) | Illumination (Before Jan. 2013 Production, From Jan. 2013 Production China)

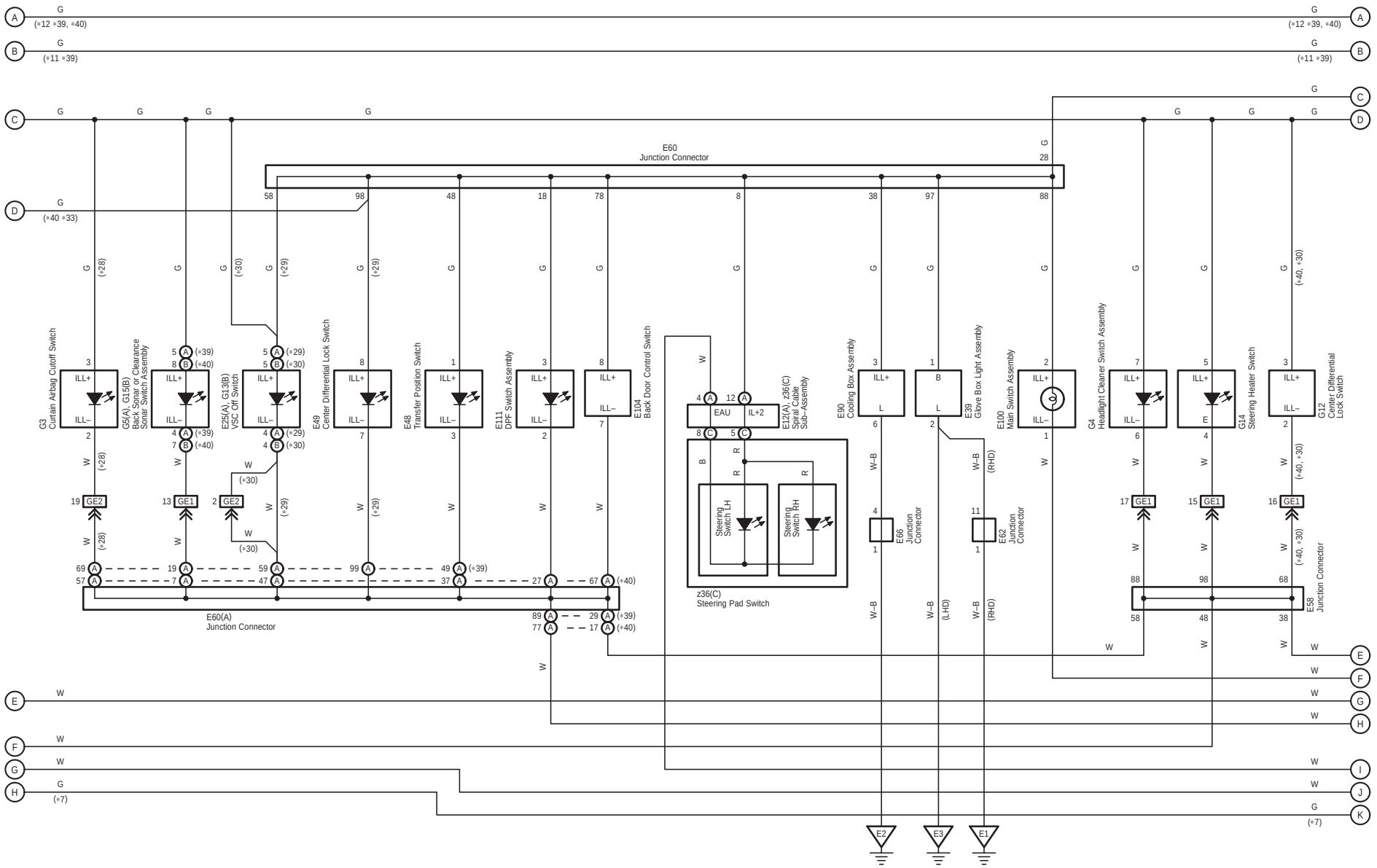
65 | 66 | 67 | 68



(Cont. next page)

Illumination
(Before Jan. 2013 Production,
From Jan. 2013 Production China)

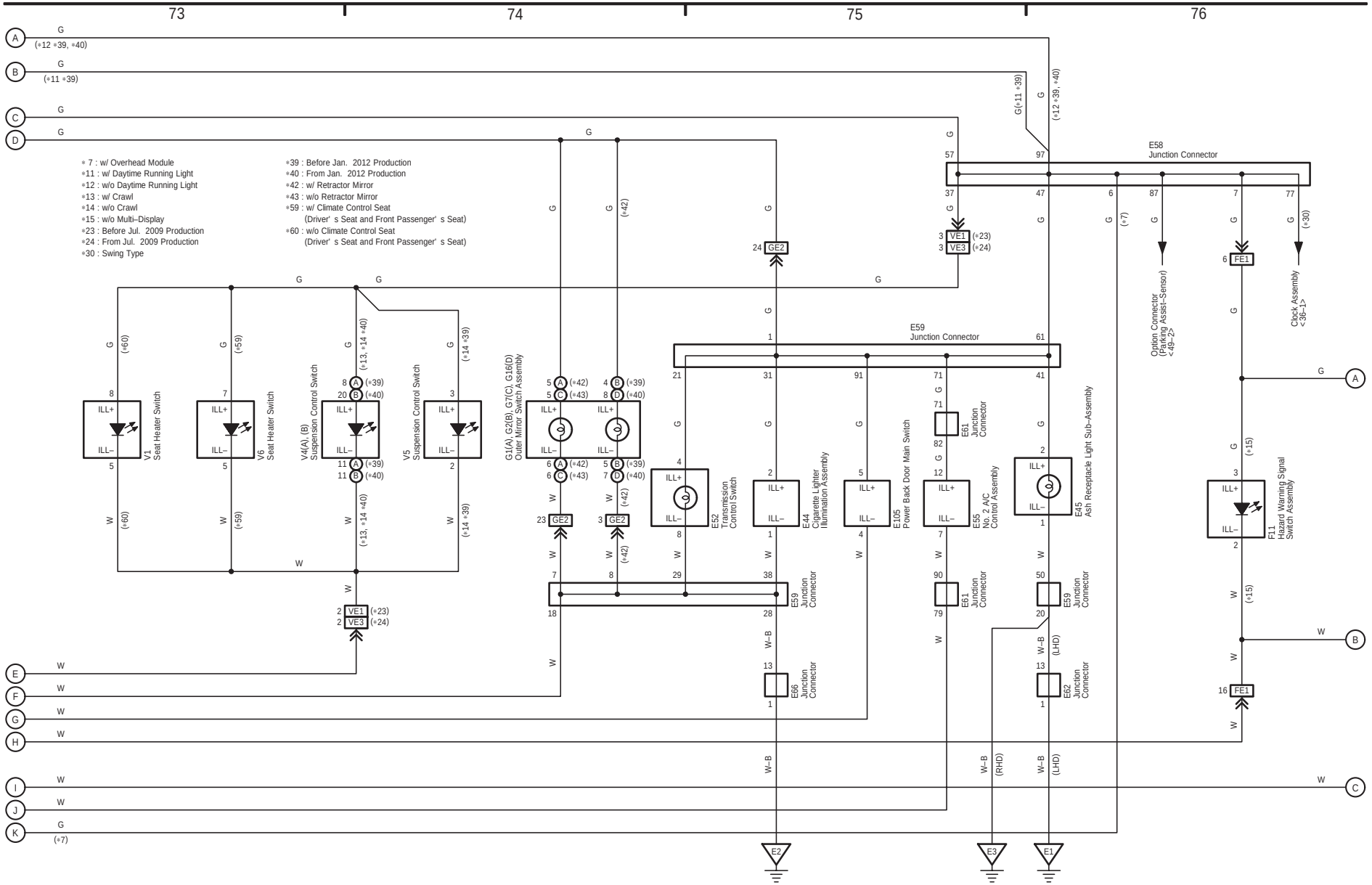
∗ 7 : w/ Overhead Module
∗11 : w/ Daytime Running Light
∗12 : w/o Daytime Running Light
∗28 : w/ Curtain Shield Airbag
∗29 : Liftgate Type
∗30 : Swing Type
∗33 : w/ Viscous Heater
∗39 : Before Jan. 2012 Production
∗40 : From Jan. 2012 Production



M

(Cont. next page)

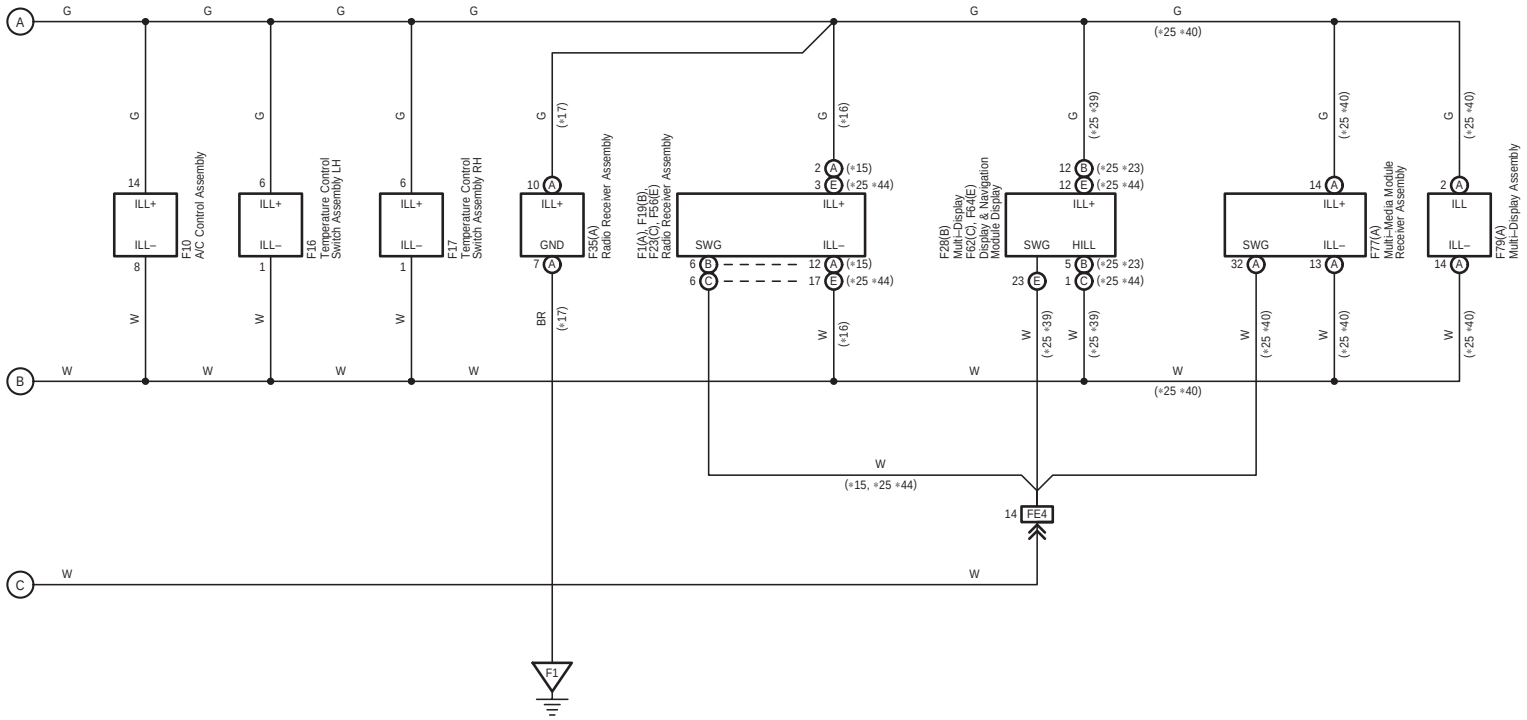
Illumination
(Before Jan. 2013 Production, From Jan. 2013 Production China)



Illumination
(Before Jan. 2013 Production, From Jan. 2013 Production China)

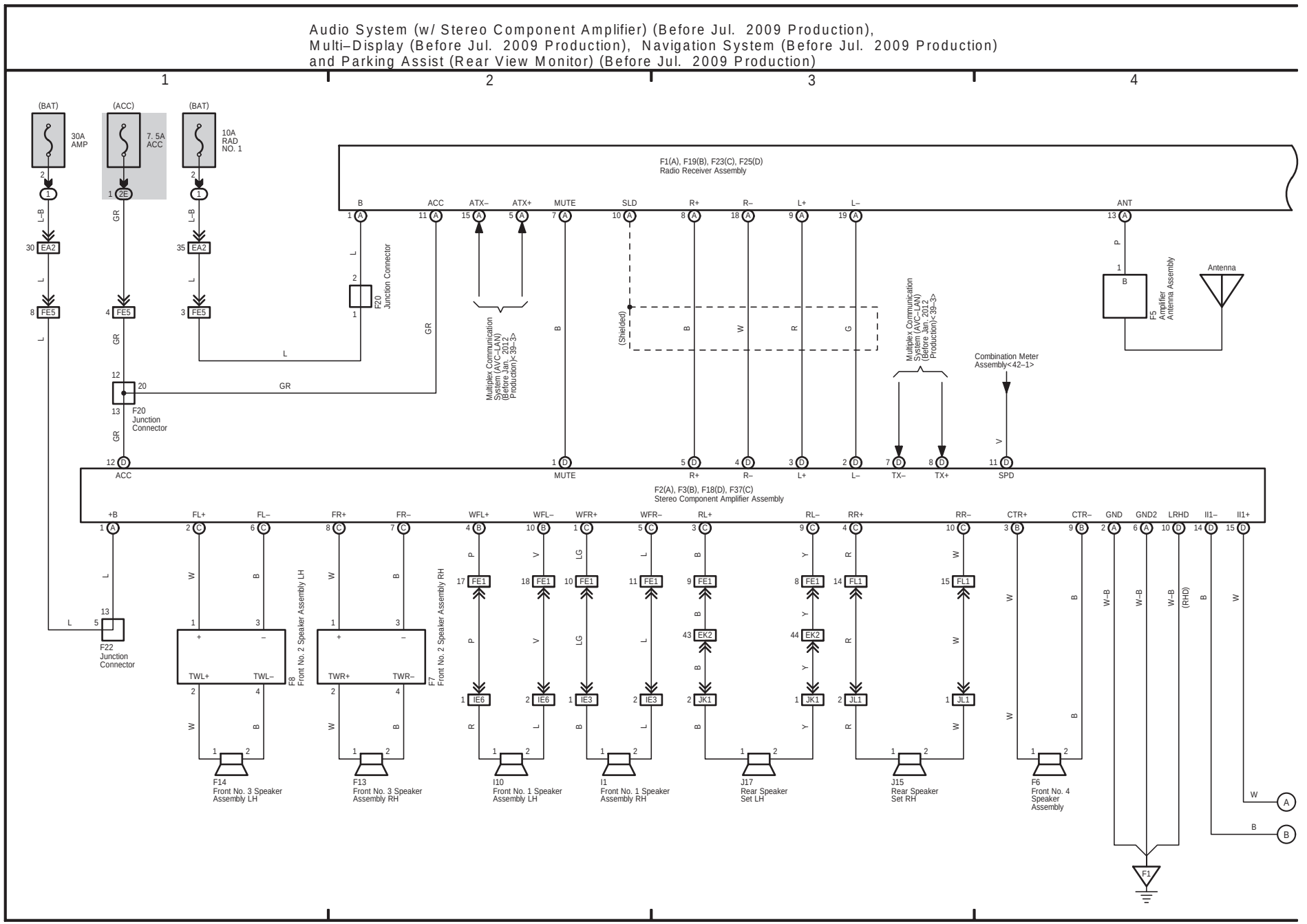
77 78 79 80

*15 : w/o Multi–Display
*16 : w/ Stereo Component Amplifier
*17 : w/o Stereo Component Amplifier
*23 : Before Jul. 2009 Production
*25 : w/ Multi–Display
*39 : Before Jan. 2012 Production
*40 : From Jan. 2012 Production
*44 : From Jul. 2009 Production until Jan. 2012 Production



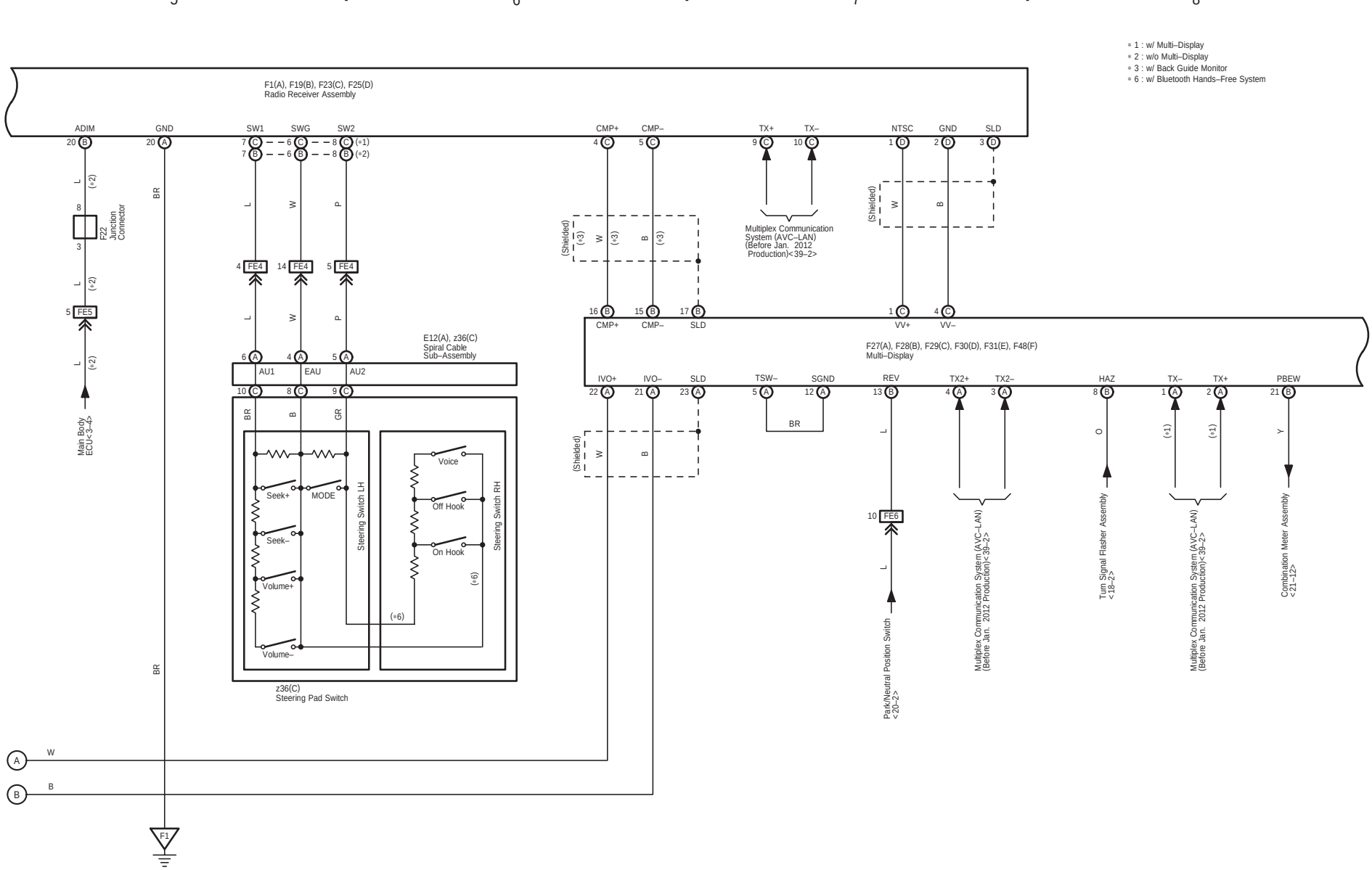
(Cont. next page)

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)



(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)

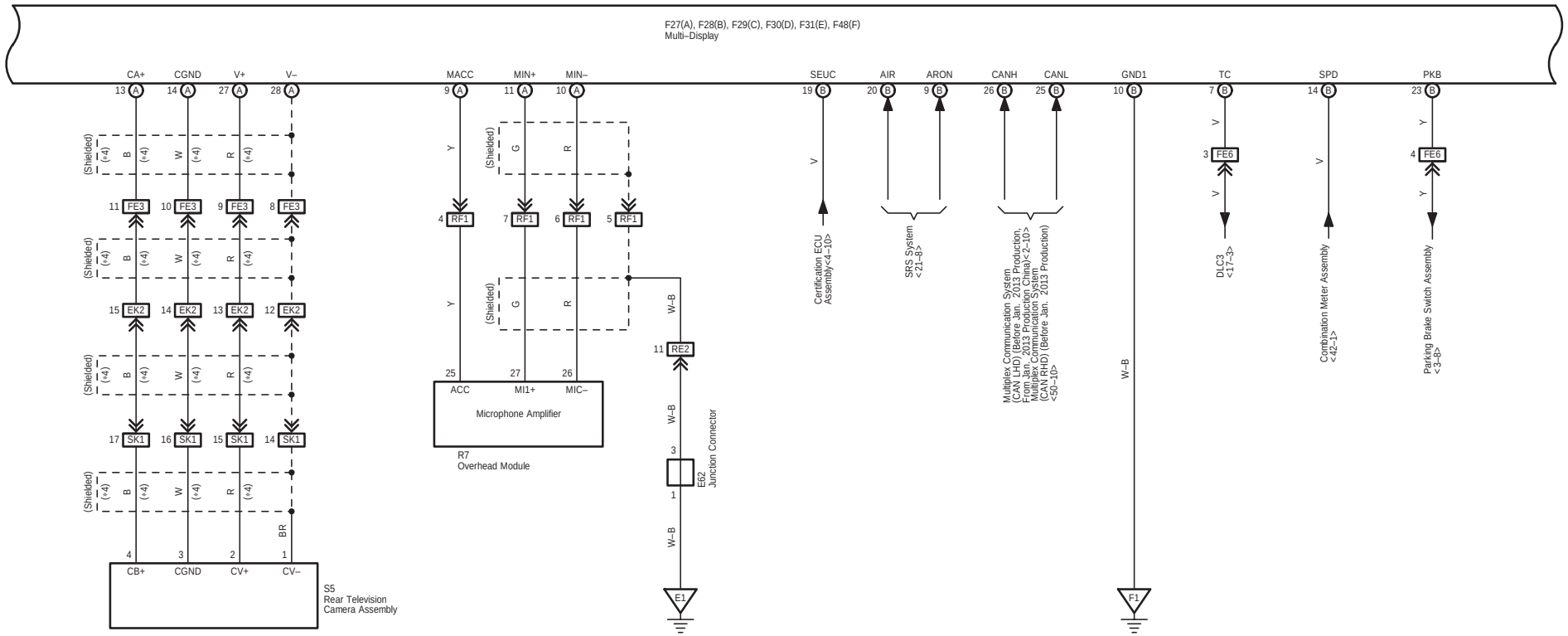


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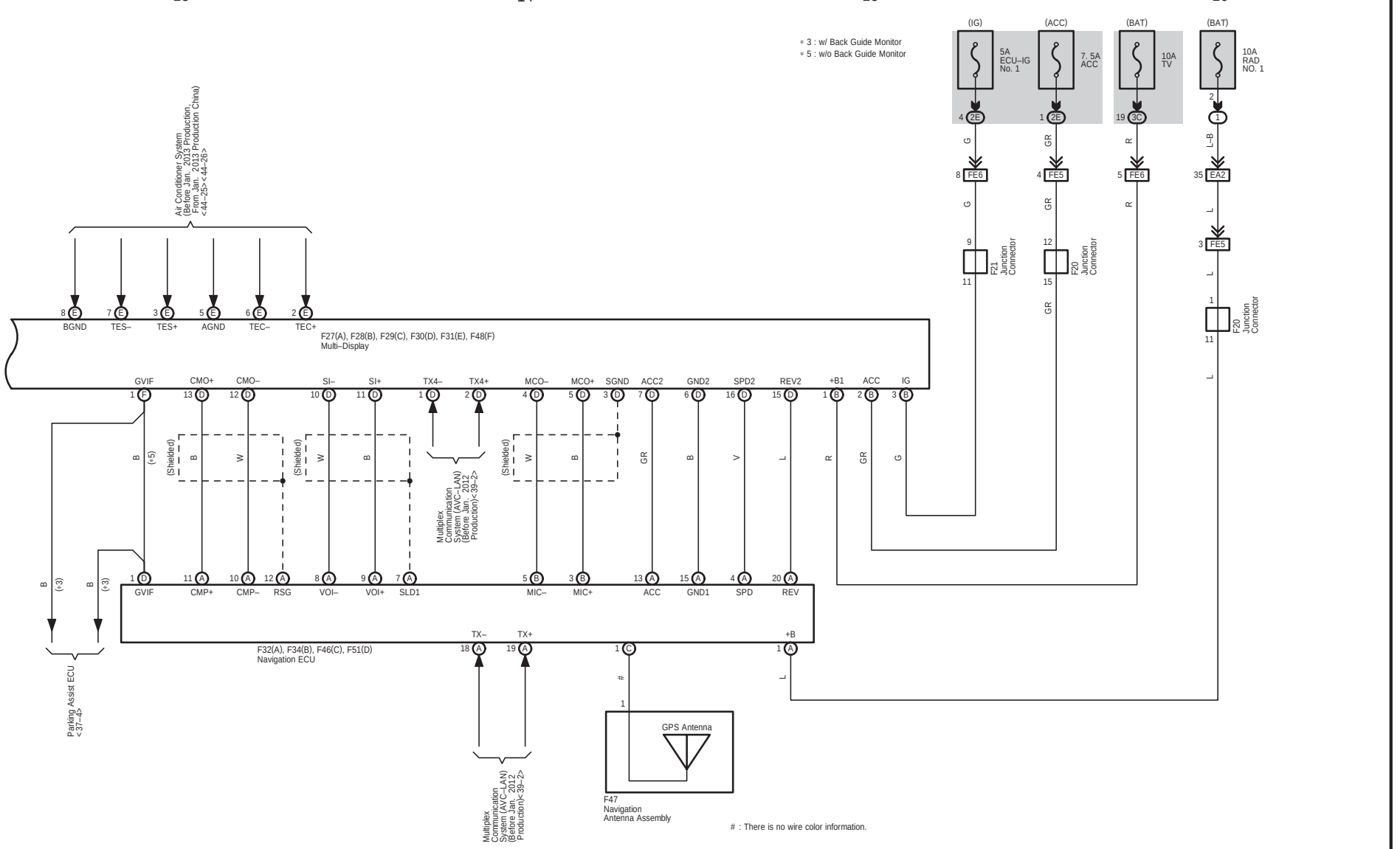
Audio System (w/ Stereo Component Amplifier) (Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor) (Before Jul. 2009 Production)

9 10 11 12

* 4 : w/ Rear View Monitor



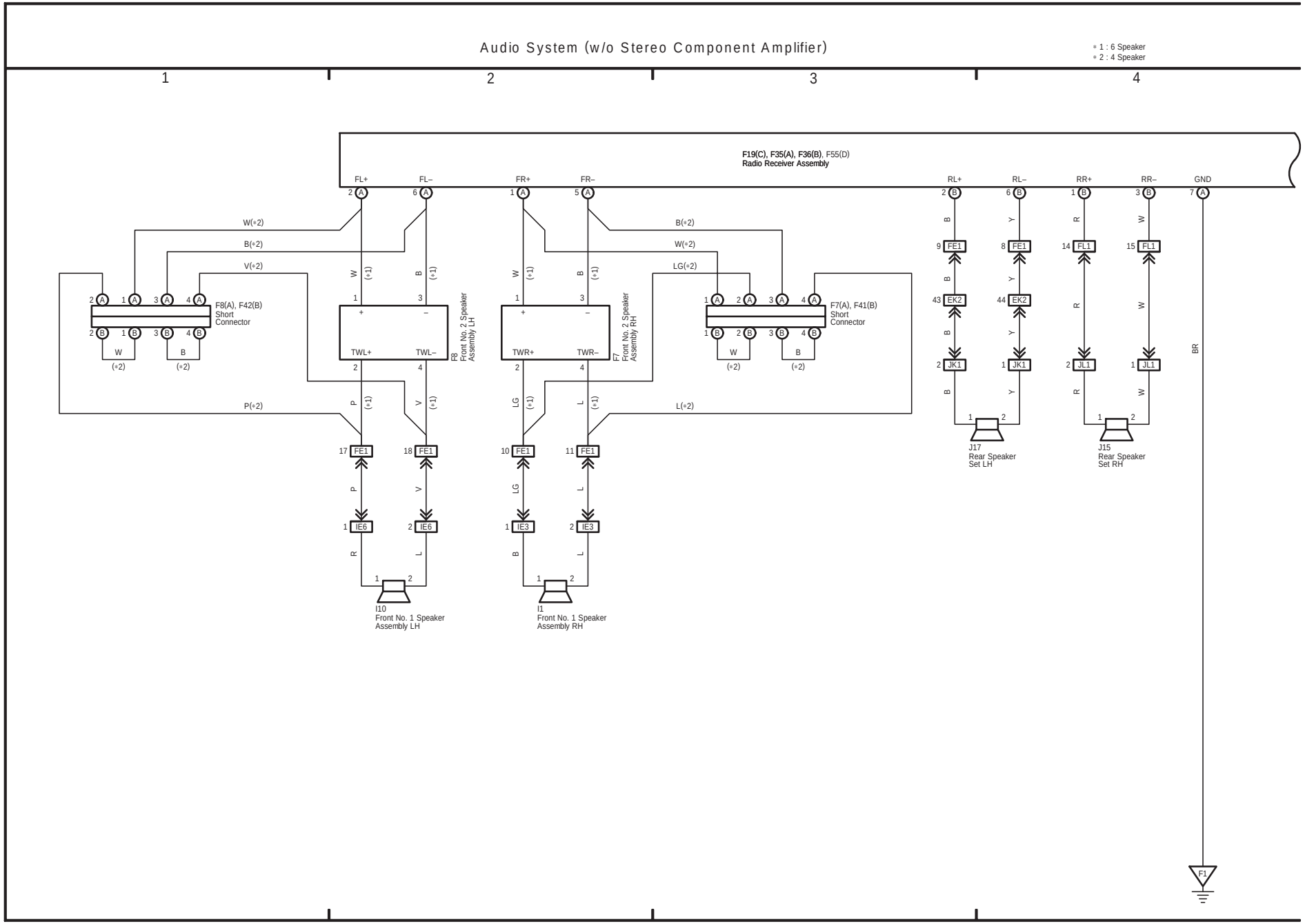
Audio System (w/ Stereo Component Amplifier) (Before Jul. 2009 Production),
Multi–Display (Before Jul. 2009 Production), Navigation System (Before Jul. 2009 Production)
and Parking Assist (Rear View Monitor) (Before Jul. 2009 Production)

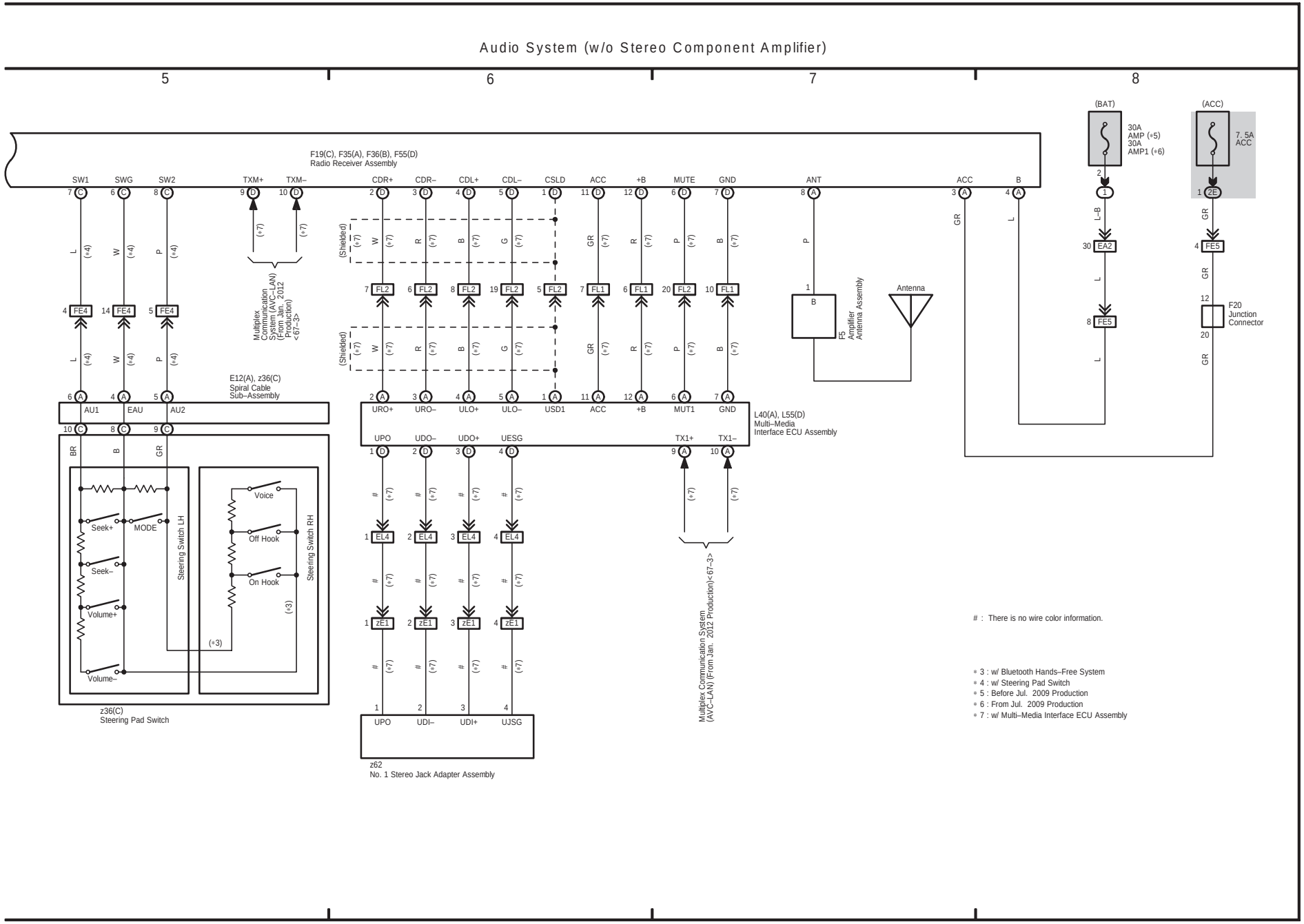


(Cont. next page)

Audio System (w/o Stereo Component Amplifier)

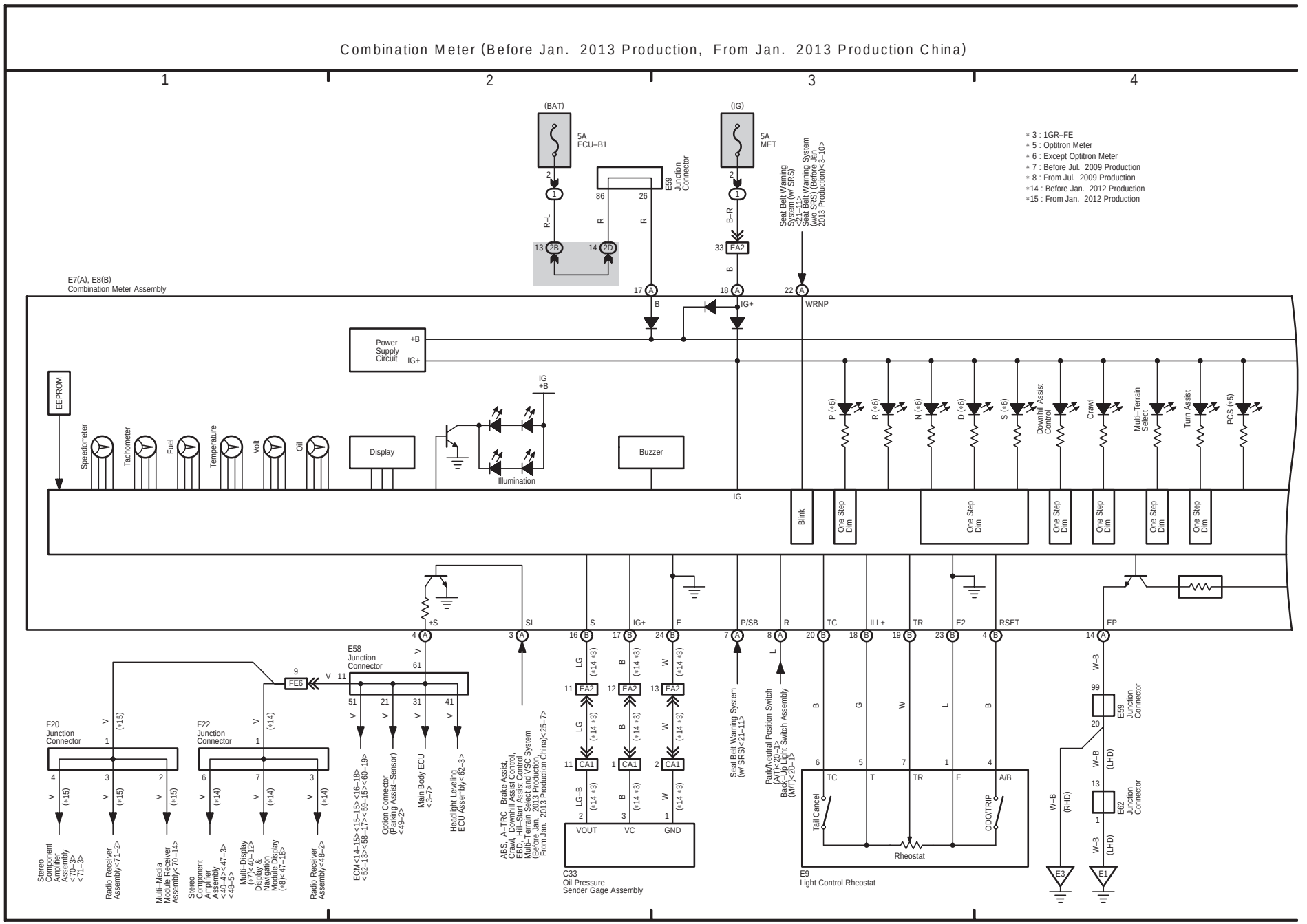
∗ 1 : 6 Speaker
∗ 2 : 4 Speaker




Audio System (w/o Stereo Component Amplifier)
5
6
7
8
F19(C), F35(A), F36(B), F55(D)
Radio Receiver Assembly
SW1
SWG
SW2
TXM+
TXM–
CDR+
CDR–
CDL+
CDL–
CSLD
ACC
+B
MUTE
GND
ANT
ACC
B
(BAT)
(ACC)
30A
AMP (*5)
30A
AMP1 (*6)
7. 5A
ACC
Multiplex
Communication
System (AVC–LAN)
(From Jan. 2012
Production)
<67–3>
(Shielded)
E12(A), z36(C)
Spiral Cable
Sub–Assembly
AU1
EAU
AU2
URO+
URO–
ULO+
ULO–
USD1
ACC
+B
MUT1
GND
L40(A), L55(D)
Multi–Media
Interface ECU Assembly
UPO
UDO–
UDO+
UESG
TX1+
TX1–
F5
Amplifier
Antenna Assembly
Antenna
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
UPO
UDI–
UDI+
UJSG
z62
No. 1 Stereo Jack Adapter Assembly
Multiplex Communication System
(AVC–LAN) (From Jan. 2012 Production)<67–3>
: There is no wire color information.
* 3 : w/ Bluetooth Hands–Free System
* 4 : w/ Steering Pad Switch
* 5 : Before Jul. 2009 Production
* 6 : From Jul. 2009 Production
* 7 : w/ Multi–Media Interface ECU Assembly

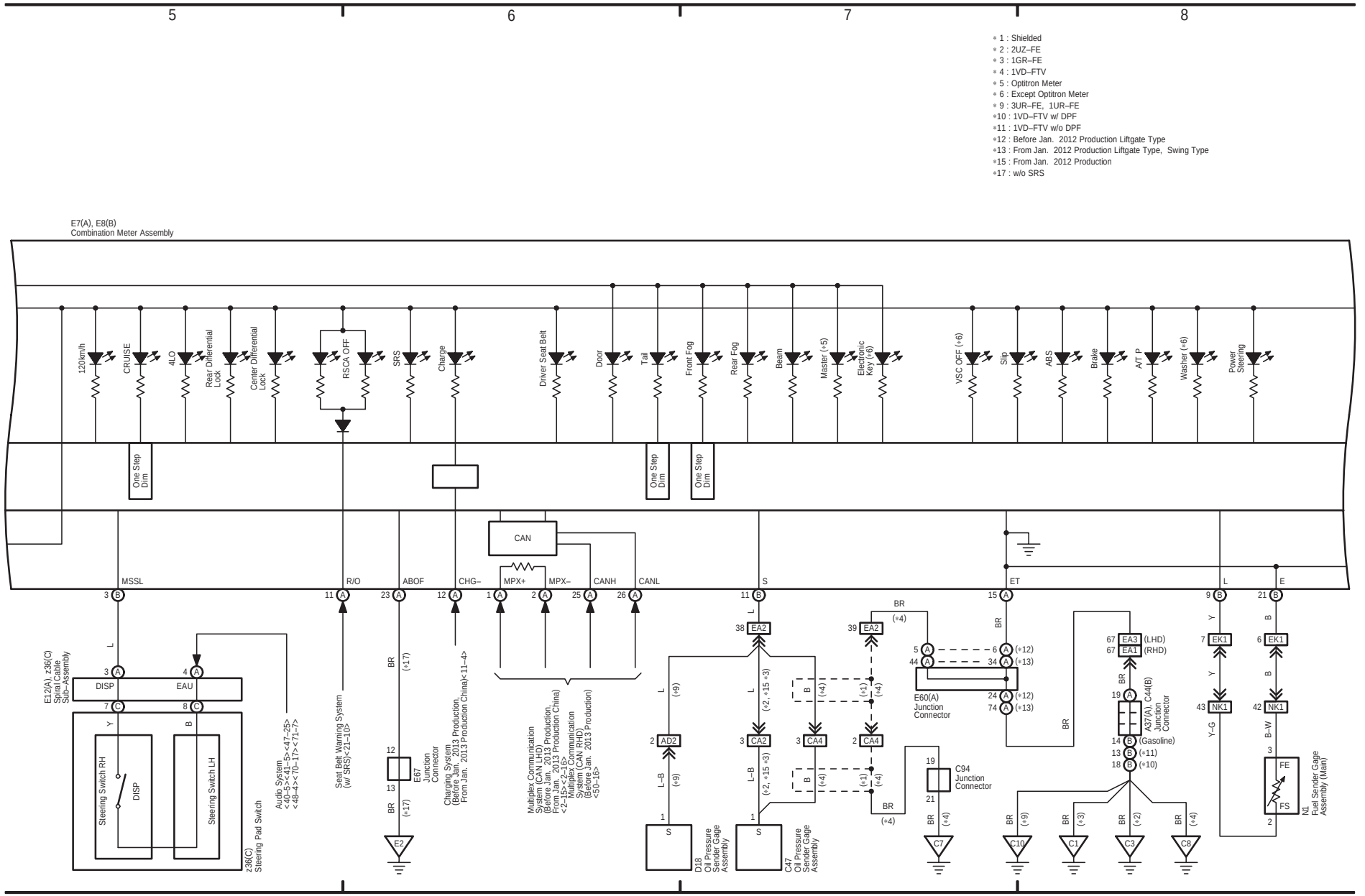
(Cont. next page)

Combination Meter (Before Jan. 2013 Production, From Jan. 2013 Production China)

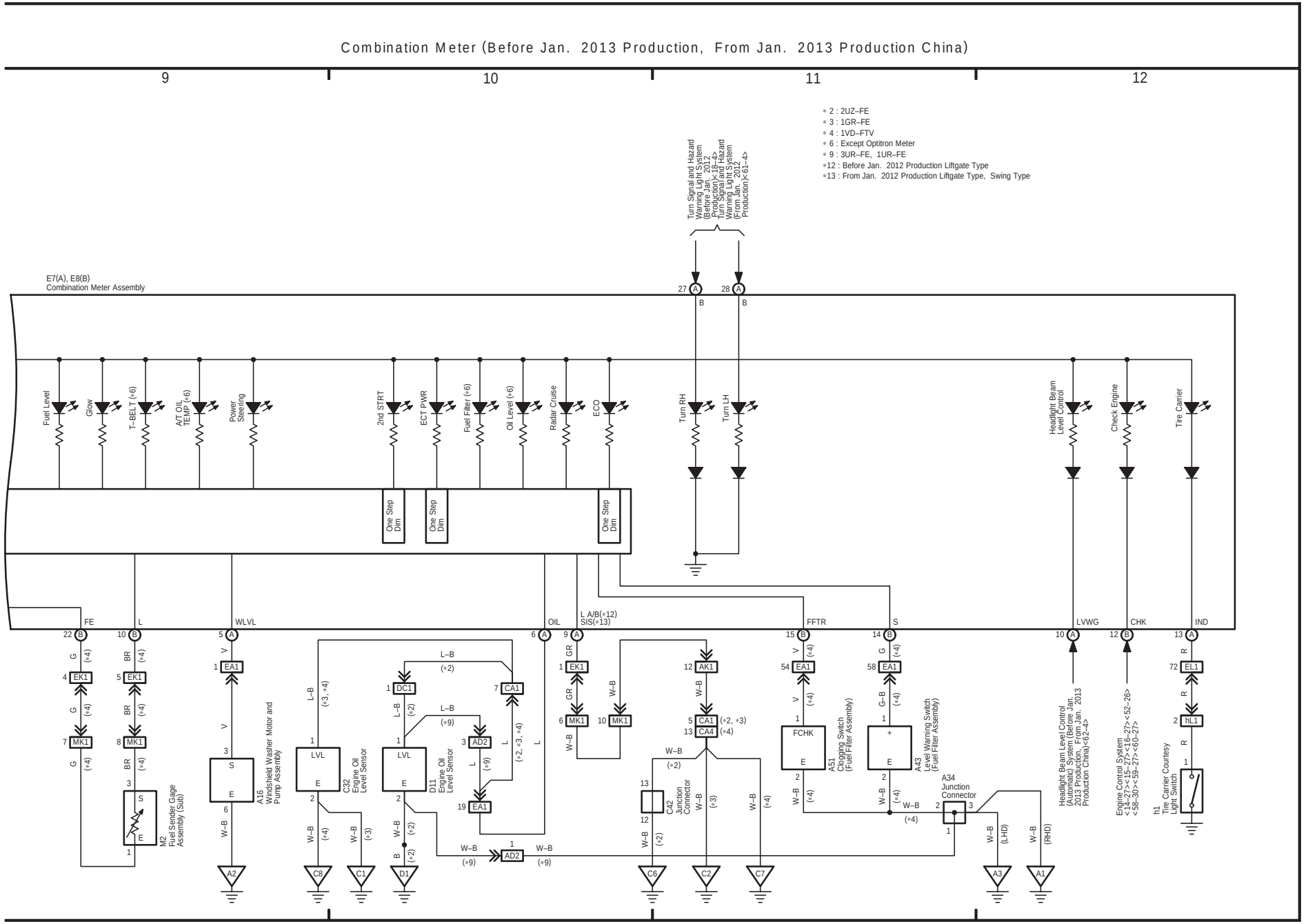


(Cont. next page)

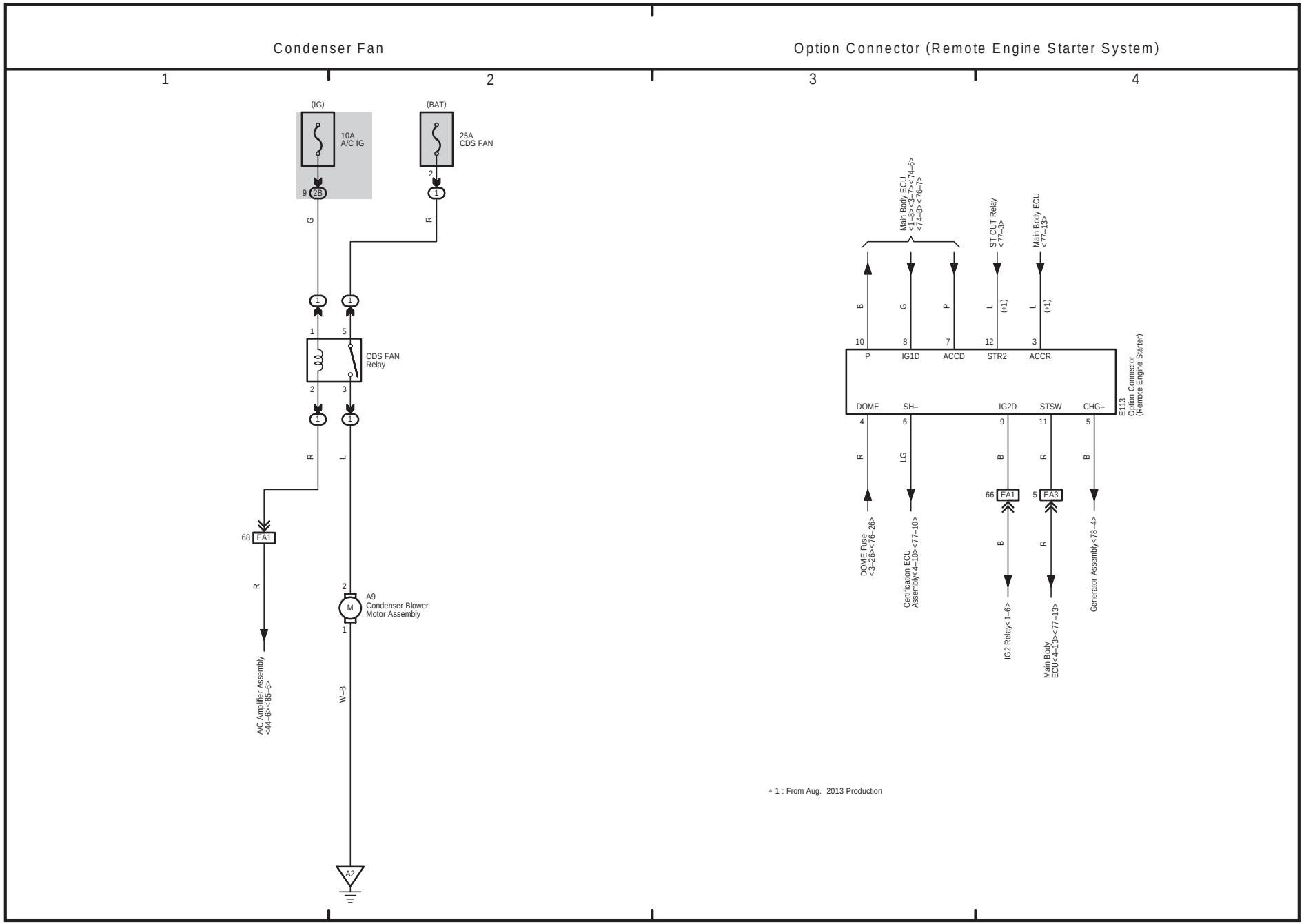
Combination Meter (Before Jan. 2013 Production, From Jan. 2013 Production China)



42 LAND CRUISER Station Wagon (Cont' d)



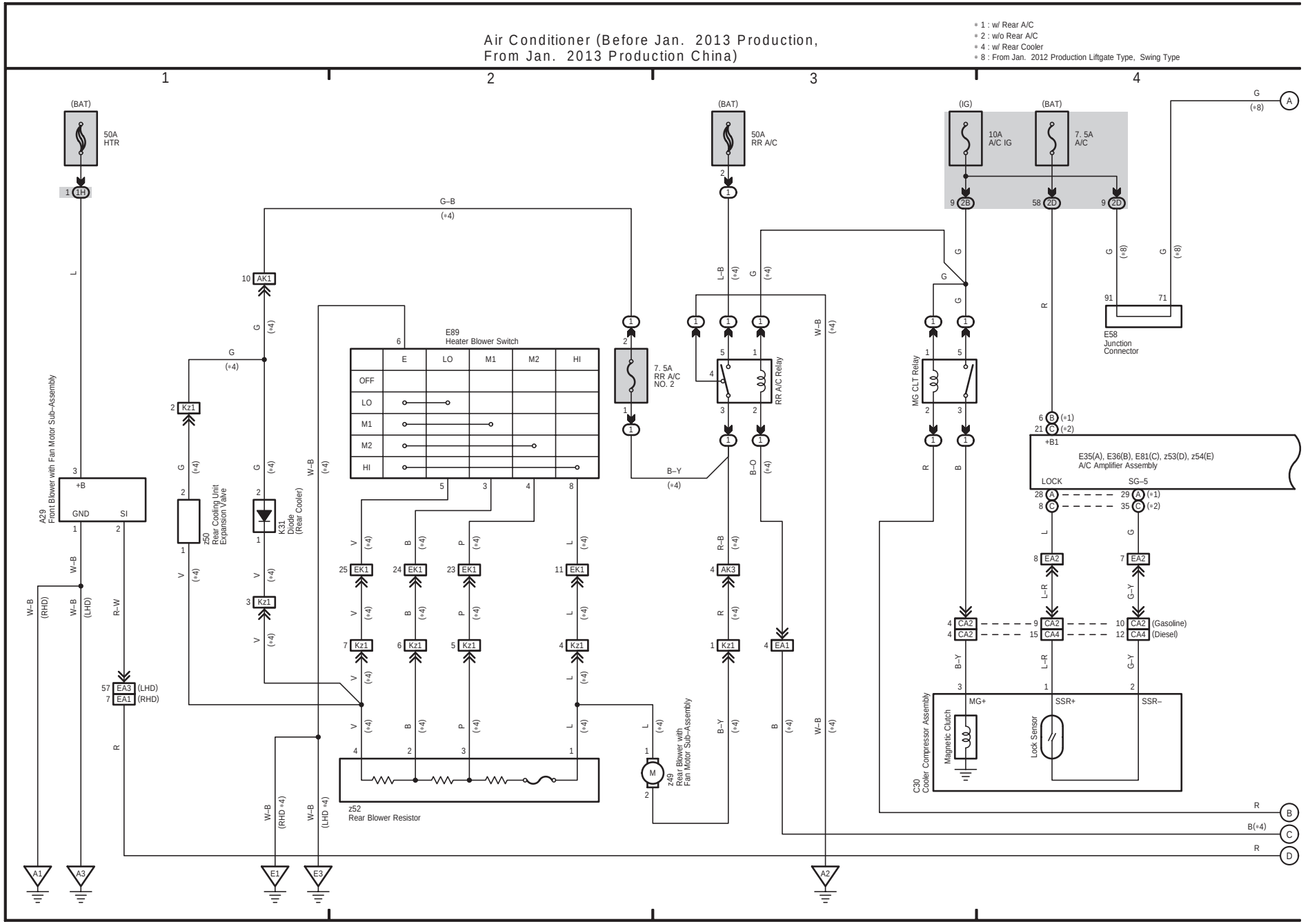
LAND CRUISER Station Wagon (EM2660E)


Condenser Fan
Option Connector (Remote Engine Starter System)
1
2
3
4
(IG)
(BAT)
10A
A/C IG
25A
CDS FAN
9 2B
2
1
G
R
1
1
1
5
CDS FAN
Relay
2
3
1
1
R
L
68 EA1
R
2
A9
Condenser Blower
Motor Assembly
1
W–B
A2
A/C Amplifier Assembly
<44–6><85–6>
Main Body ECU
<1–8><3–7><74–6>
<74–8><76–7>
ST CUT Relay
<77–3>
Main Body ECU
<77–13>
B
G
P
L
(*1)
L
(*1)
10
8
7
12
3
P
IG1D
ACCD
STR2
ACCR
DOME
SH–
IG2D
STSW
CHG–
E113
Option Connector
(Remote Engine Starter)
4
6
9
11
5
R
LG
B
R
B
66 EA1
5 EA3
B
R
DOME Fuse
<3–26><76–26>
Certification ECU
Assembly<4–10><77–10>
IG2 Relay<1–6>
Main Body
ECU<4–13><77–13>
Generator Assembly<78–4>
* 1 : From Aug. 2013 Production

(Cont. next page)

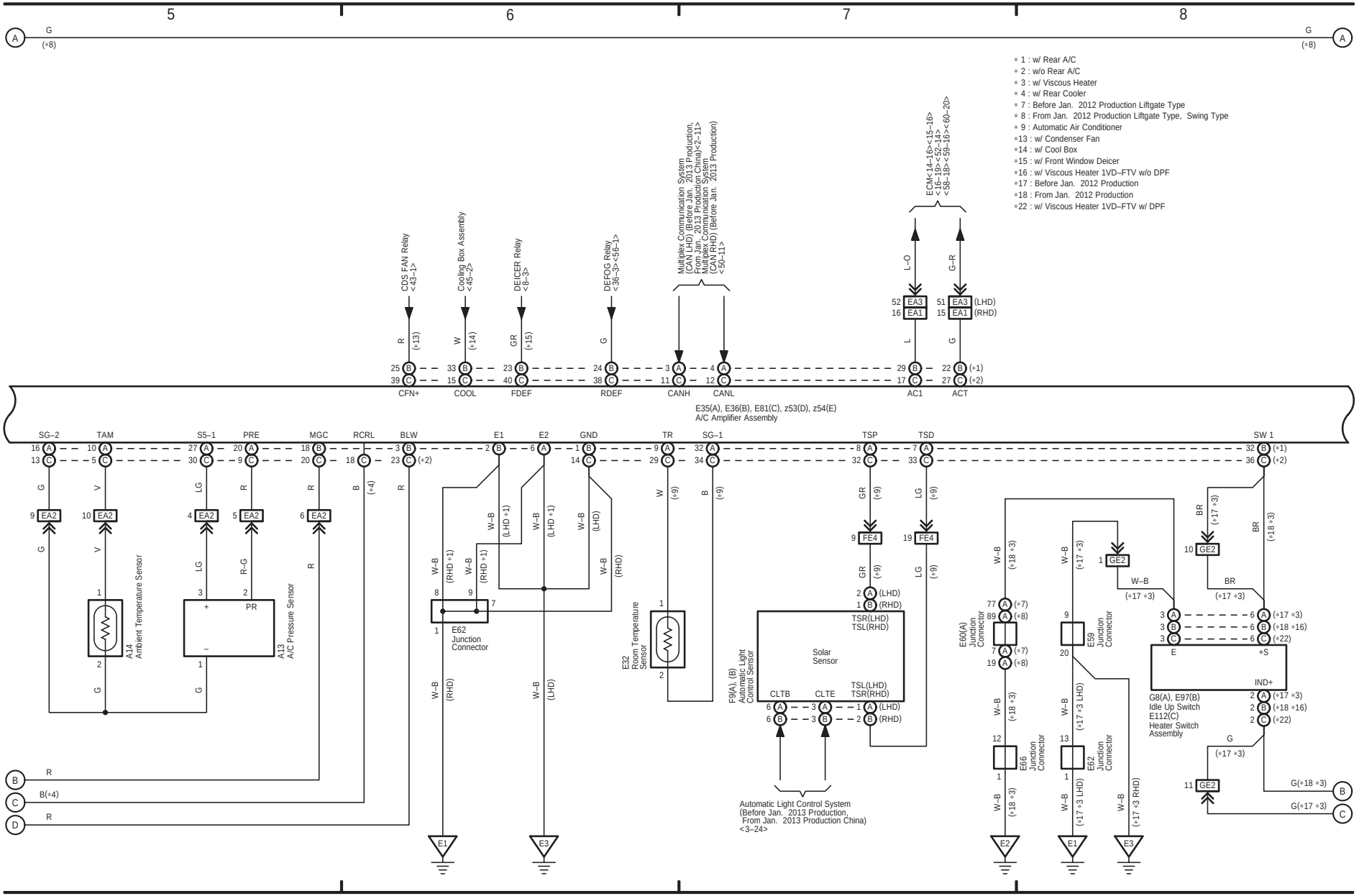
Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)

∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : w/ Rear Cooler
∗ 8 : From Jan. 2012 Production Liftgate Type, Swing Type



(Cont. next page)

Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)

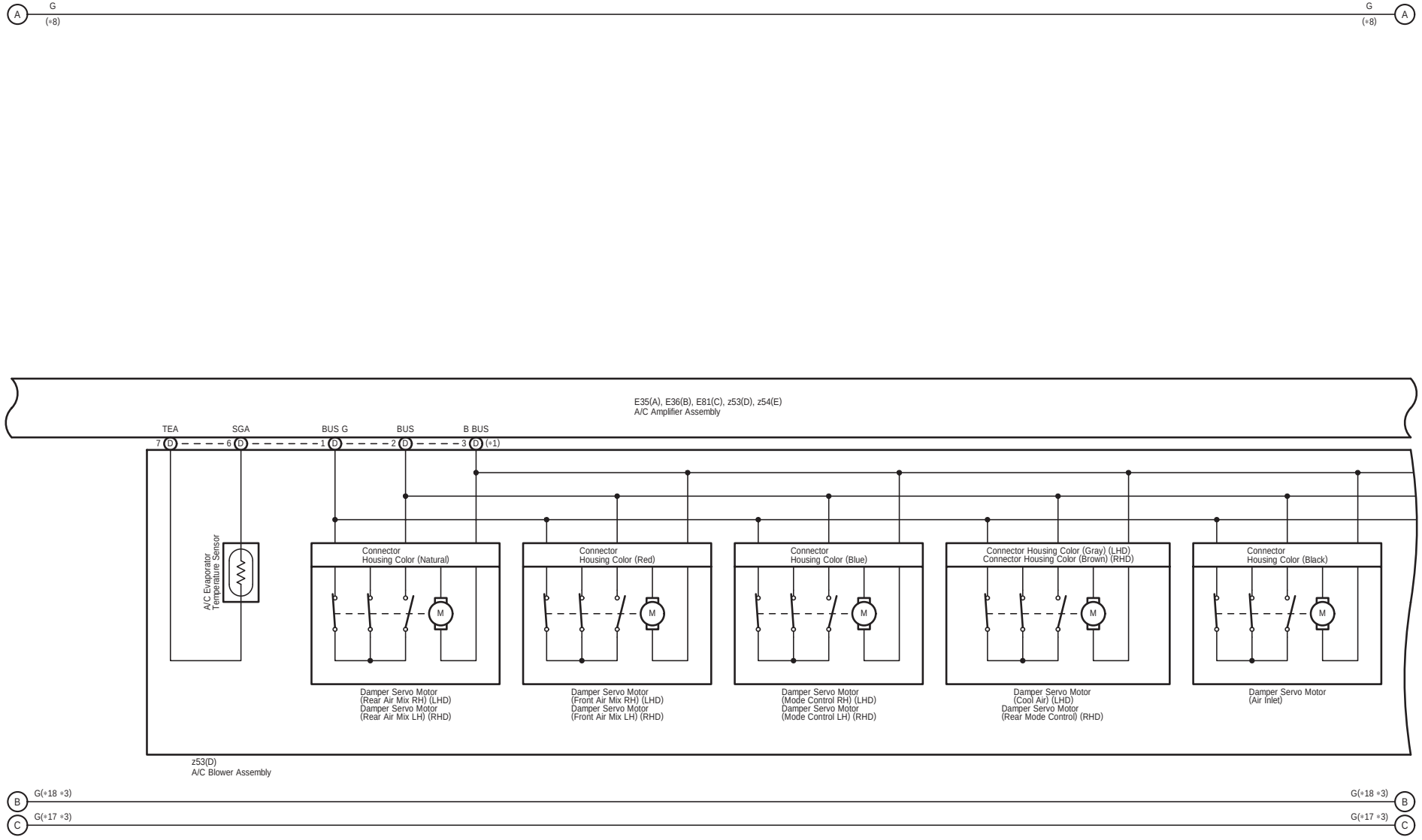


(Cont. next page)

Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)

∗ 1 : w/ Rear A/C
∗ 3 : w/ Viscous Heater
∗ 8 : From Jan. 2012 Production Liftgate Type, Swing Type
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production

9 10 11 12



(Cont. next page)

Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)

∗ 1 : w/ Rear A/C
∗ 3 : w/ Viscous Heater
∗ 8 : From Jan. 2012 Production Liftgate Type, Swing Type
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production

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) — Damper Servo Motor (Mode Def Control) (RHD)

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

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

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

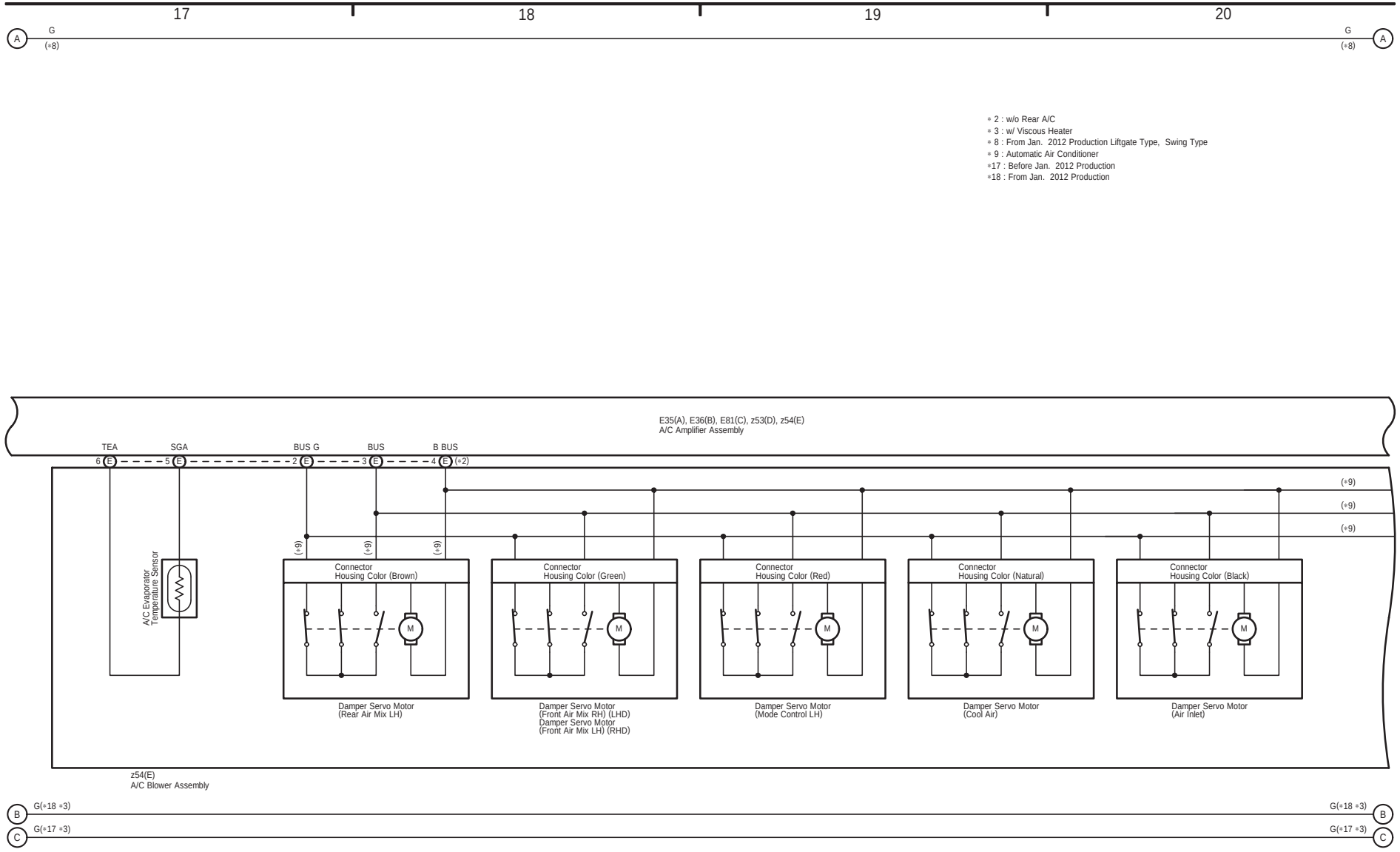
Connector Housing Color (Brown) (LHD) Connector Housing Color (Gray) (RHD) — Damper Servo Motor (Rear Mode Control) (LHD), Damper Servo Motor (Cool Air) (RHD)

z53(D)
A/C Blower Assembly

B G(∗18 ∗3) — G(∗18 ∗3) B
C G(∗17 ∗3) — G(∗17 ∗3) C

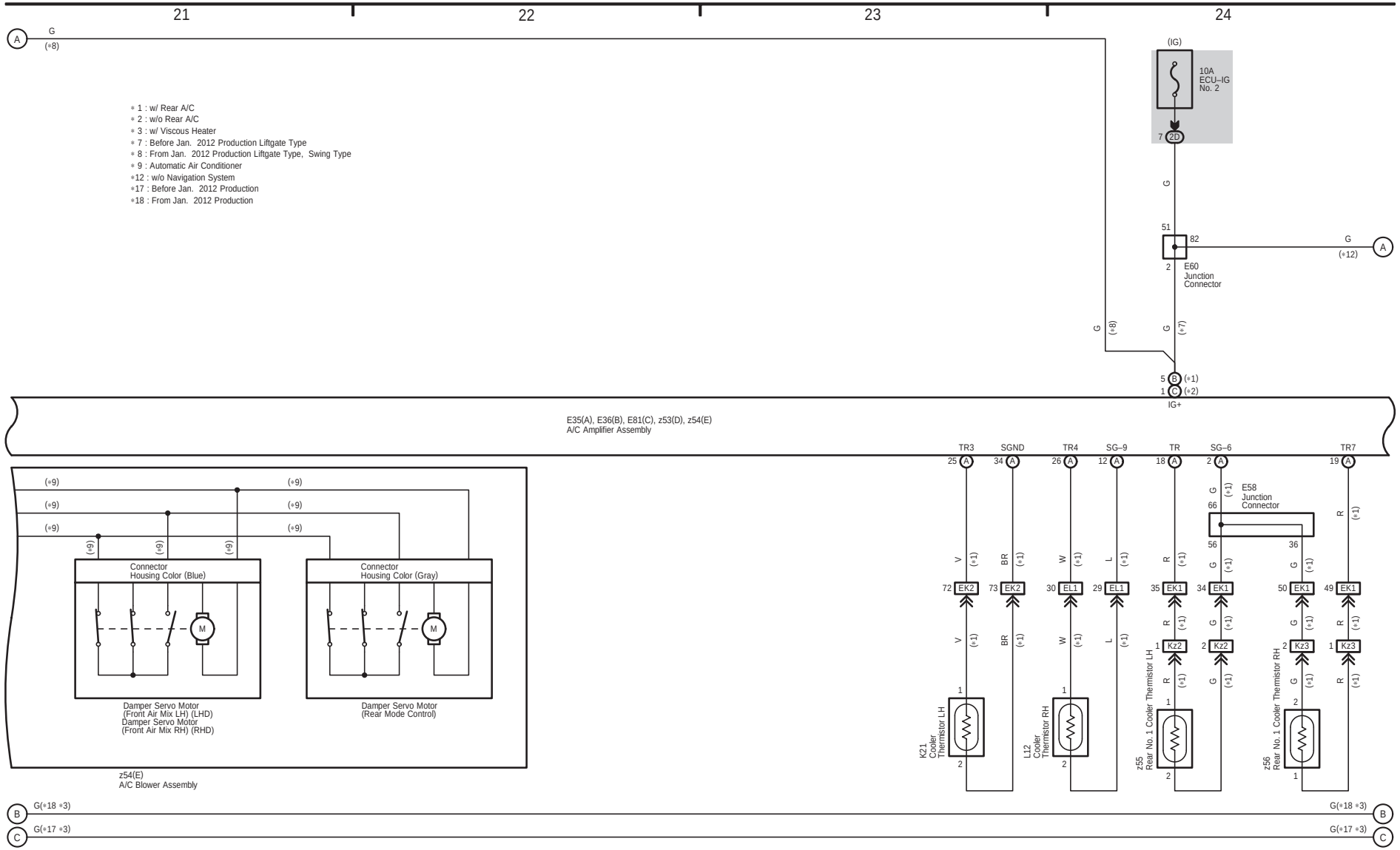
(Cont. next page)

Air Conditioner (Before Jan. 2013 Production,
From Jan. 2013 Production China)



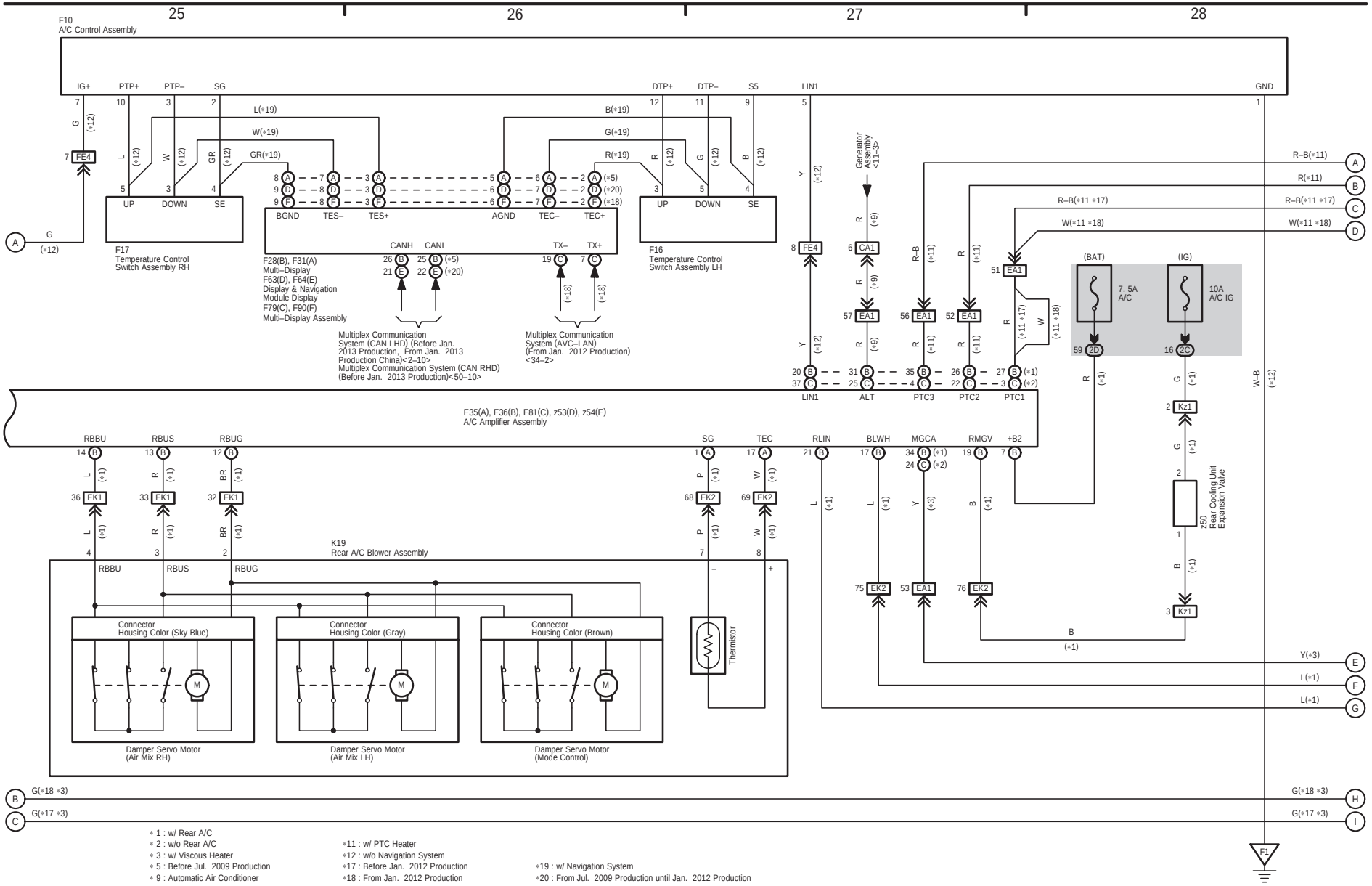
(Cont. next page)

Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)

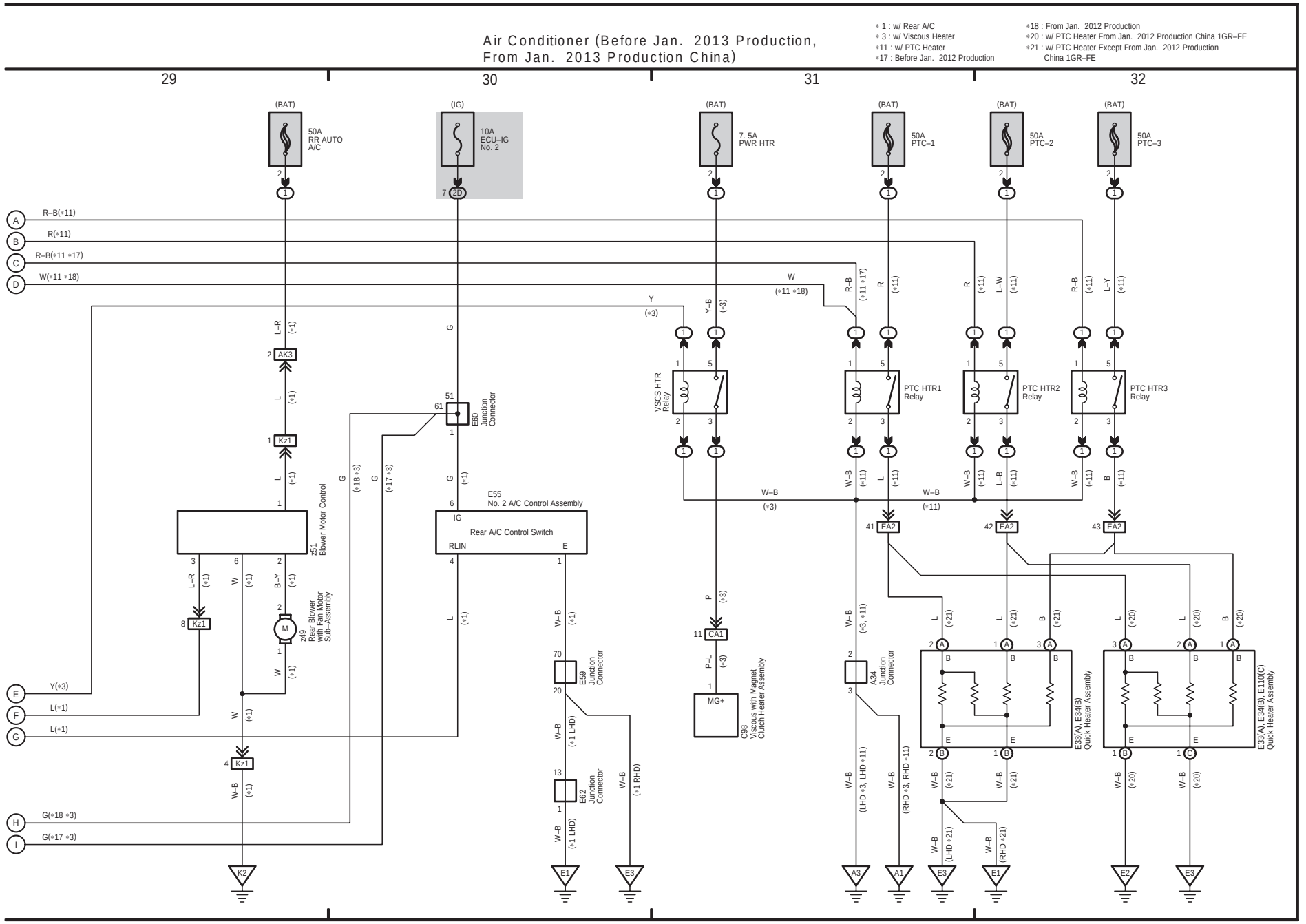


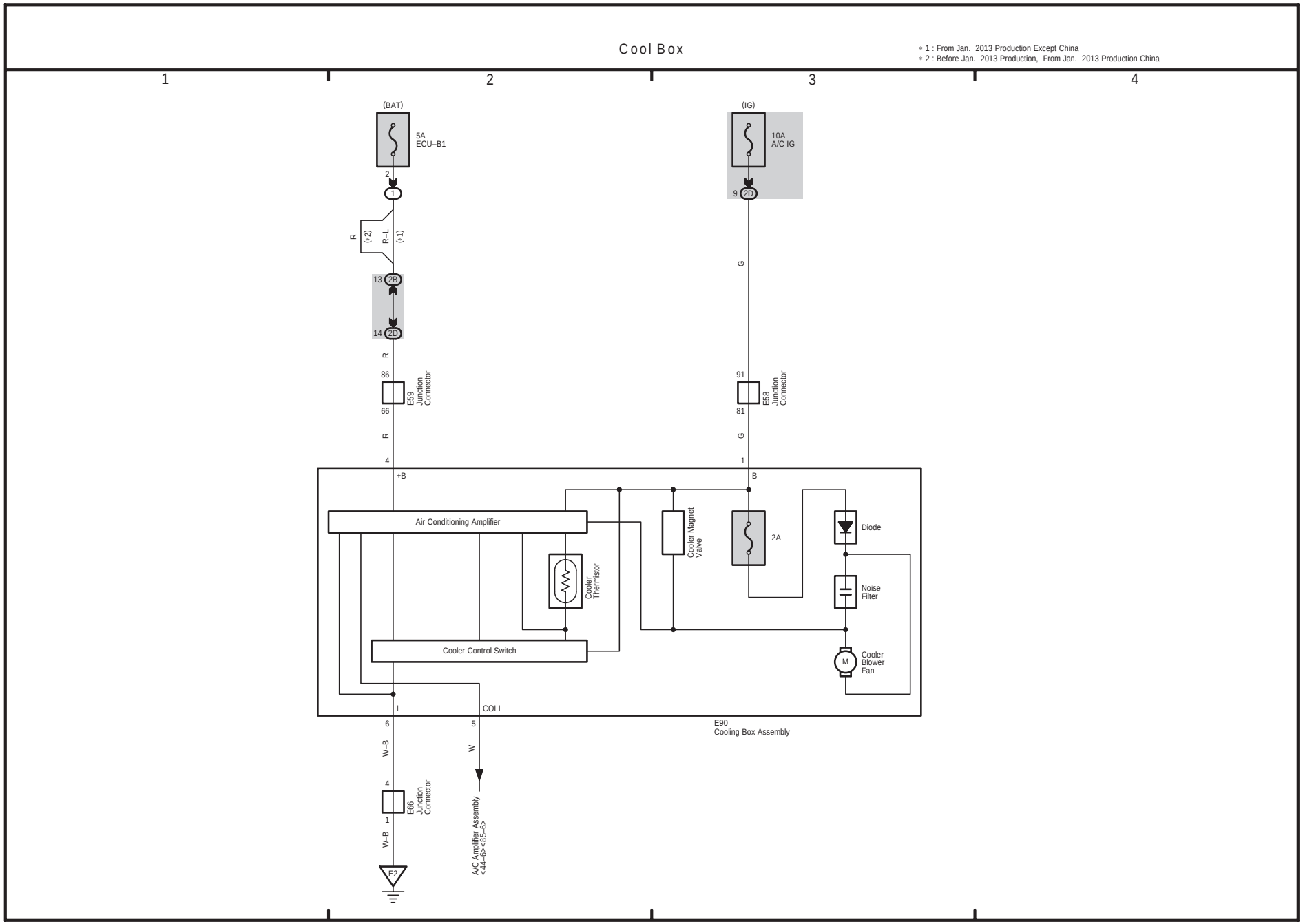
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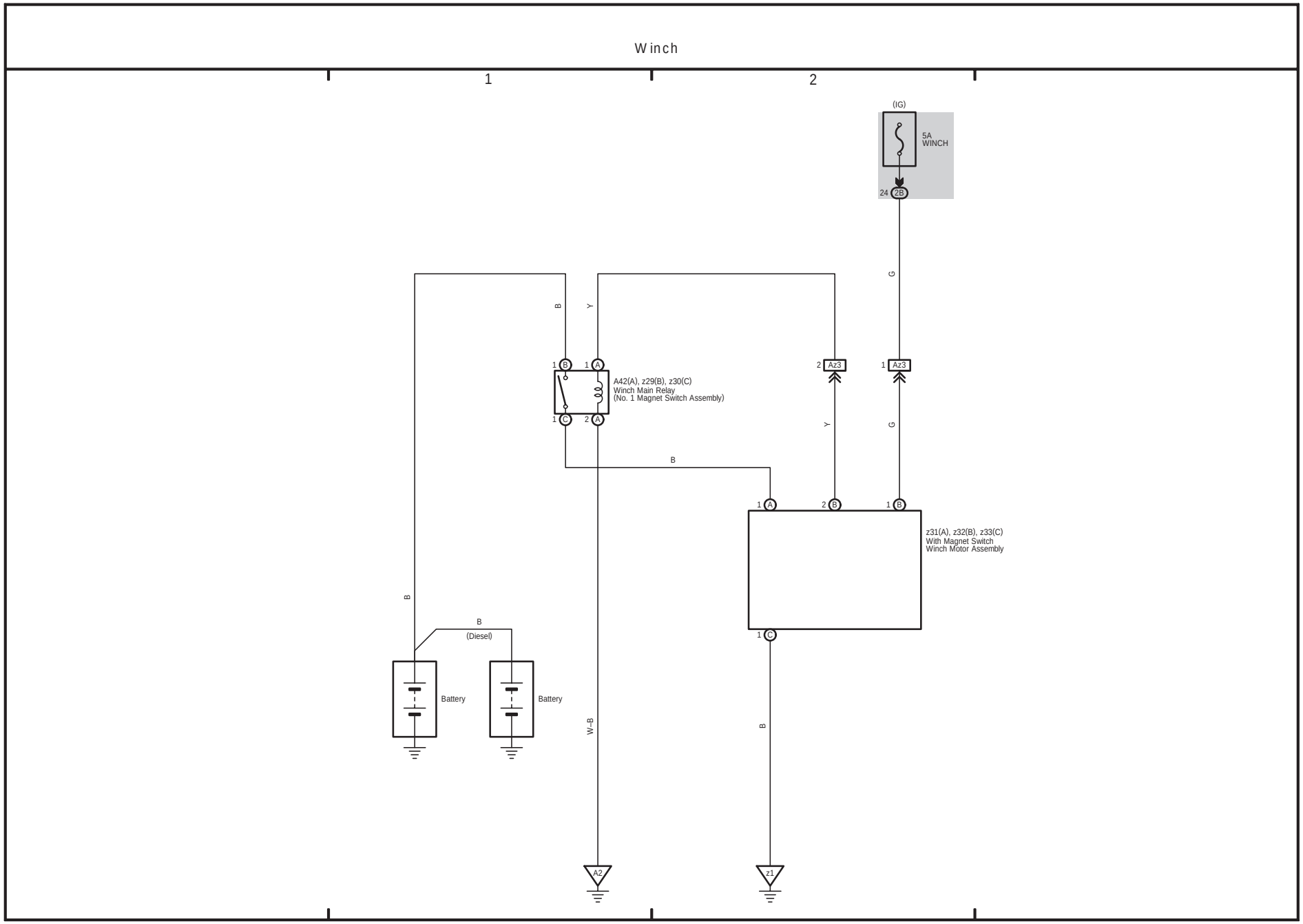
Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)



* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 3 : w/ Viscous Heater
* 5 : Before Jul. 2009 Production
* 9 : Automatic Air Conditioner
*11 : w/ PTC Heater
*12 : w/o Navigation System
*17 : Before Jan. 2012 Production
*18 : From Jan. 2012 Production
*19 : w/ Navigation System
*20 : From Jul. 2009 Production until Jan. 2012 Production

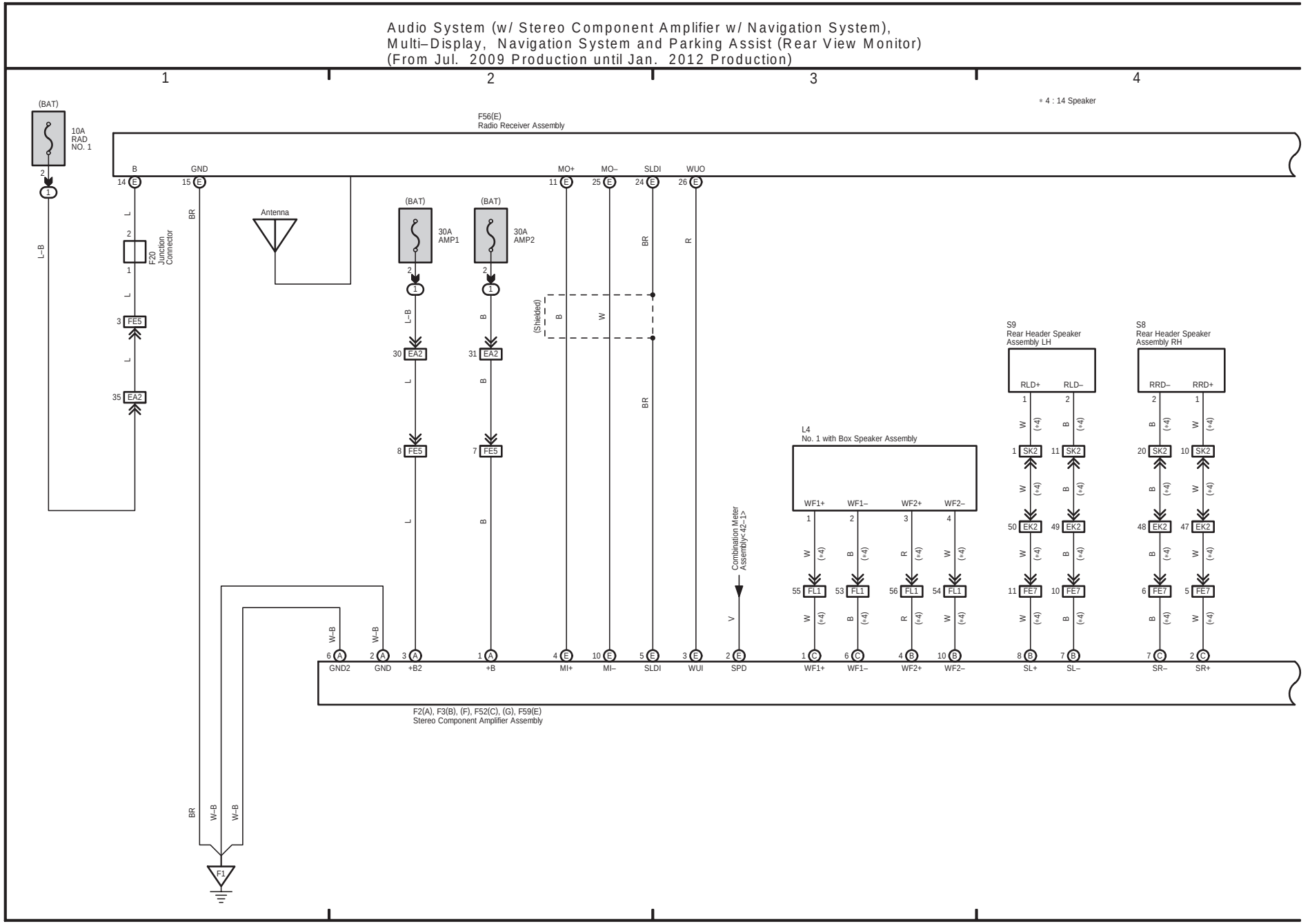

Air Conditioner (Before Jan. 2013 Production, From Jan. 2013 Production China)
∗1 : w/ Rear A/C
∗3 : w/ Viscous Heater
∗11 : w/ PTC Heater
∗17 : Before Jan. 2012 Production
∗18 : From Jan. 2012 Production
∗20 : w/ PTC Heater From Jan. 2012 Production China 1GR–FE
∗21 : w/ PTC Heater Except From Jan. 2012 Production China 1GR–FE
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 ∗17)
W(∗11 ∗18)
Y(∗3)
L–R (∗1)
G
Y–B (∗3)
R–B (∗11 ∗17)
R (∗11)
L–W (∗11)
L–Y (∗11)
AK3
Kz1
E60 Junction Connector
VSCS HTR Relay
PTC HTR1 Relay
PTC HTR2 Relay
PTC HTR3 Relay
z51 Blower Motor Control
E55 No. 2 A/C Control Assembly
Rear A/C Control Switch
IG
RLIN
E
W–B (∗11)
L (∗11)
B (∗11)
EA2
B–Y (∗1)
W (∗1)
z49 Rear Blower with Fan Motor Sub–Assembly
M
P (∗3)
P–L (∗3)
CA1
MG+
C98 Viscous with Magnet Clutch Heater Assembly
E59 Junction Connector
E62 Junction Connector
W–B (∗1 LHD)
W–B (∗1 RHD)
A34 Junction Connector
W–B (∗3, ∗11)
L (∗21)
B (∗21)
L (∗20)
B (∗20)
E33(A), E34(B) Quick Heater Assembly
E33(A), E34(B), E110(C) Quick Heater Assembly
W–B (LHD ∗3, LHD ∗11)
W–B (RHD ∗3, RHD ∗11)
W–B (LHD ∗21)
W–B (RHD ∗21)
W–B (∗21)
W–B (∗20)
G(∗18 ∗3)
G(∗17 ∗3)
L(∗1)
K2
E1
E3
A3
A1
E2


Cool Box
* 1 : From Jan. 2013 Production Except China
* 2 : Before Jan. 2013 Production, From Jan. 2013 Production China
1
2
3
4
(BAT)
5A
ECU–B1
2
1
R
(*2)
R–L
(*1)
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><85–6>


Winch
1
2
(IG)
5A
WINCH
24
2B
G
B
Y
1
B
1
A
A42(A), z29(B), z30(C)
Winch Main Relay
(No. 1 Magnet Switch Assembly)
1
C
2
A
2
Az3
1
Az3
Y
G
B
1
A
2
B
1
B
z31(A), z32(B), z33(C)
With Magnet Switch
Winch Motor Assembly
1
C
B
B
(Diesel)
Battery
Battery
W–B
B
A2
z1

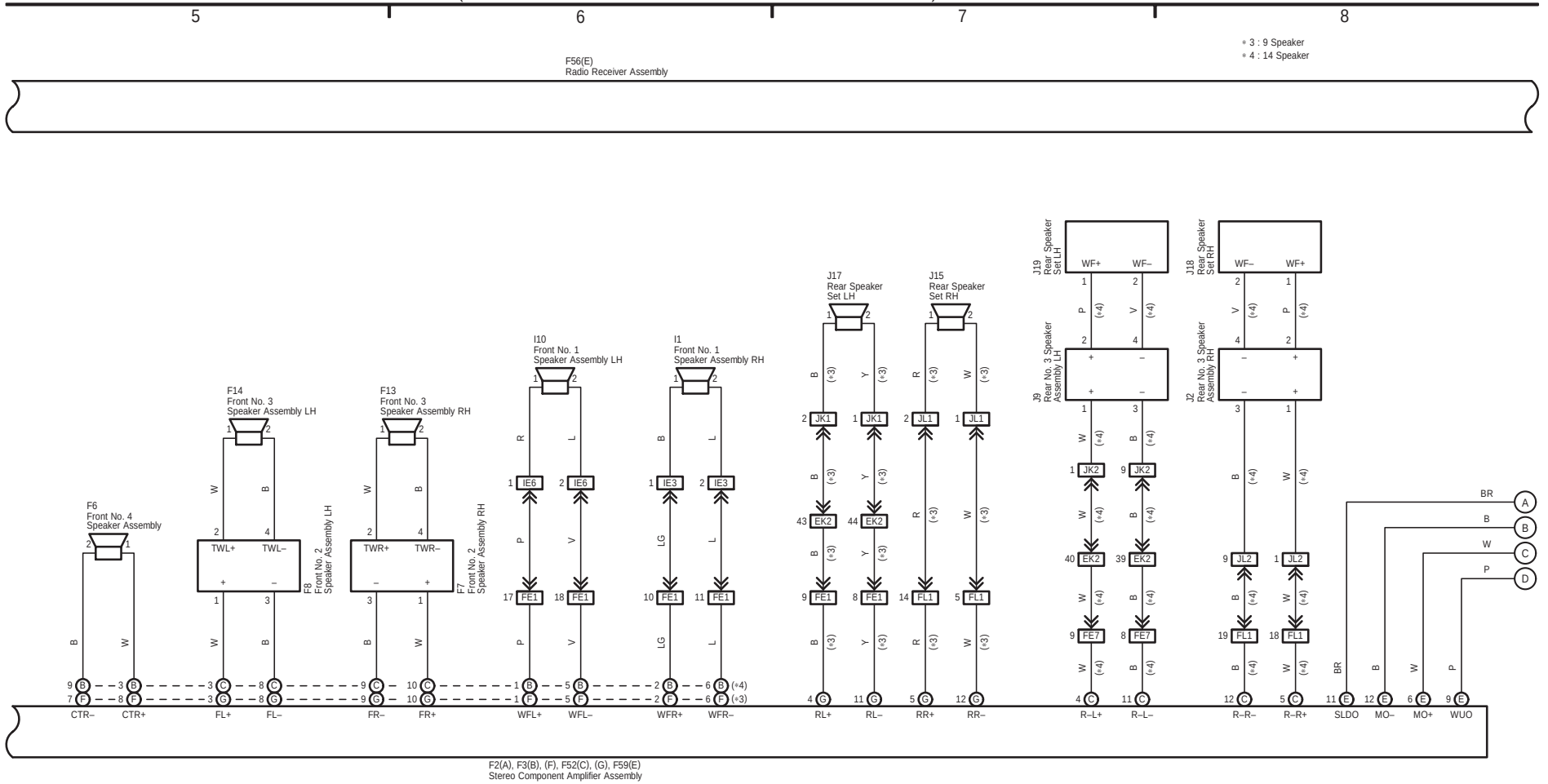
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)



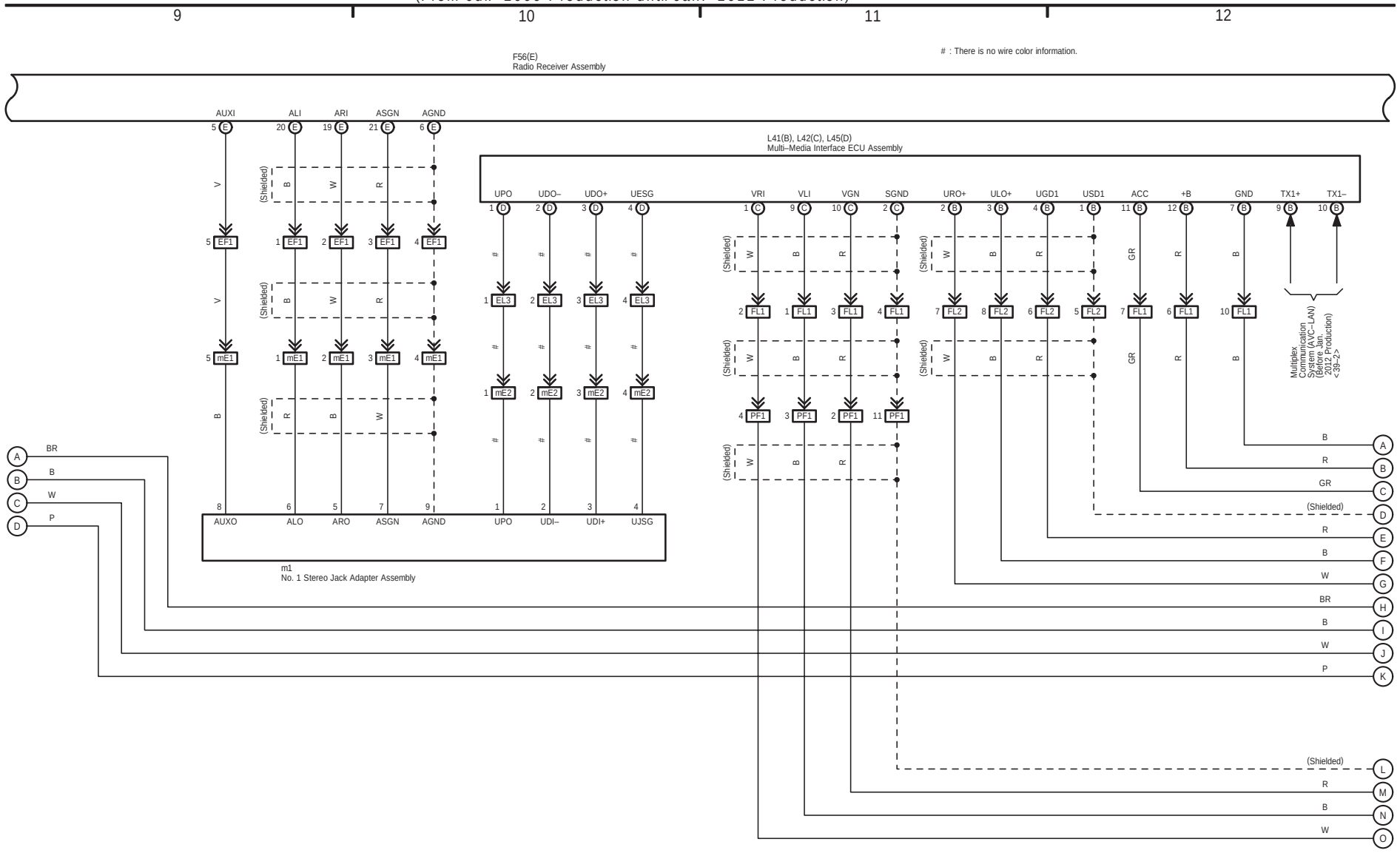
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Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)



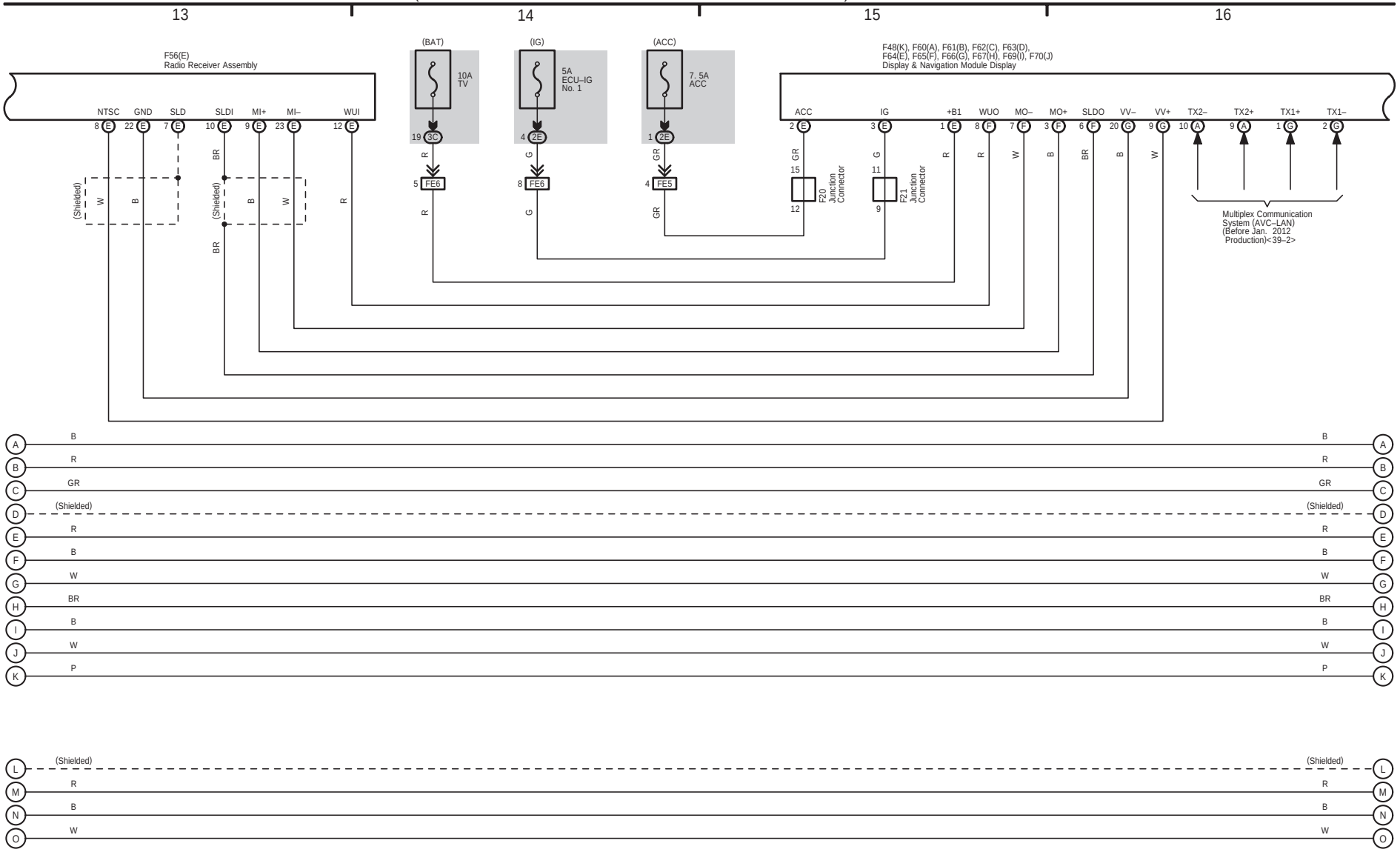
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)



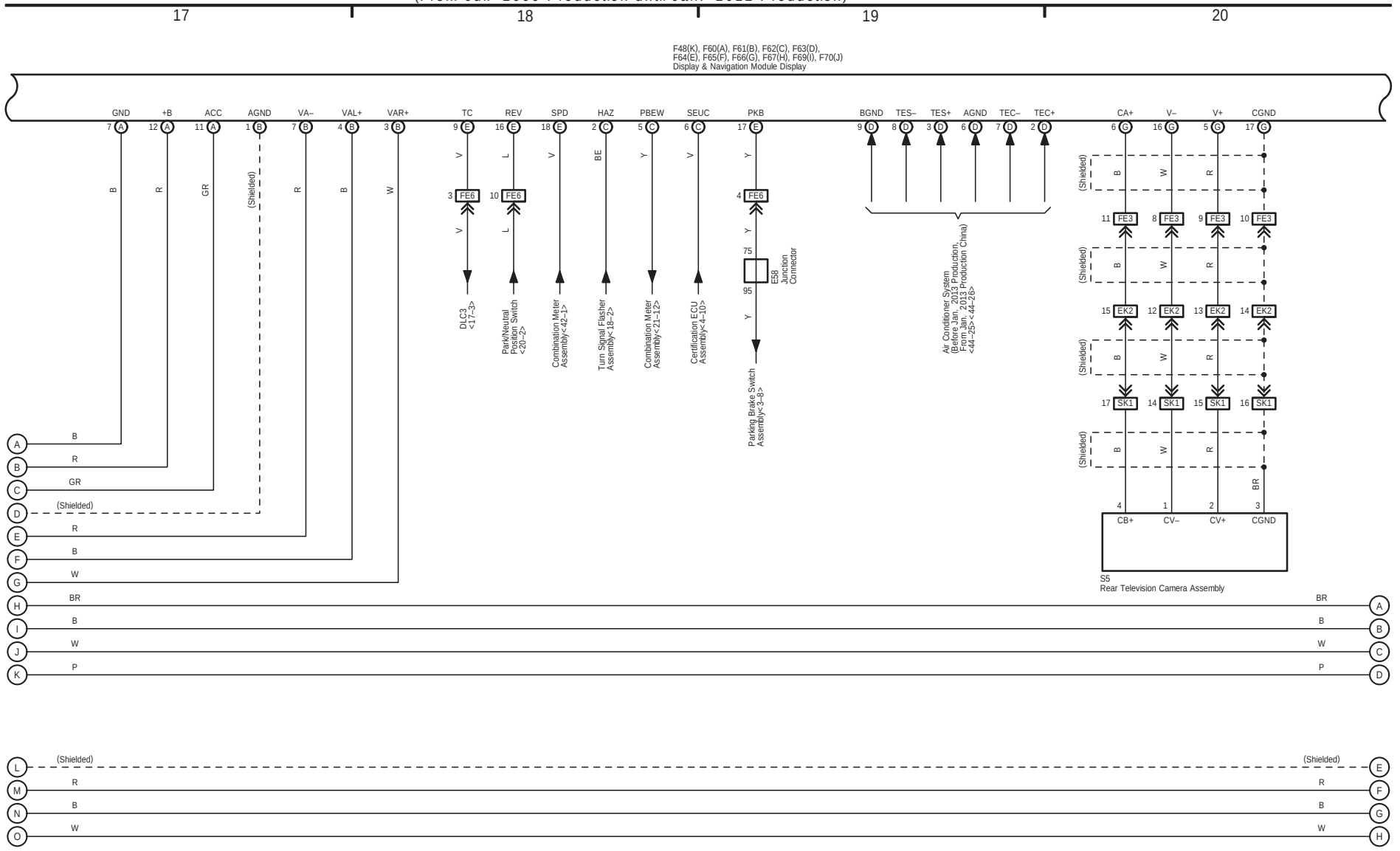
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)



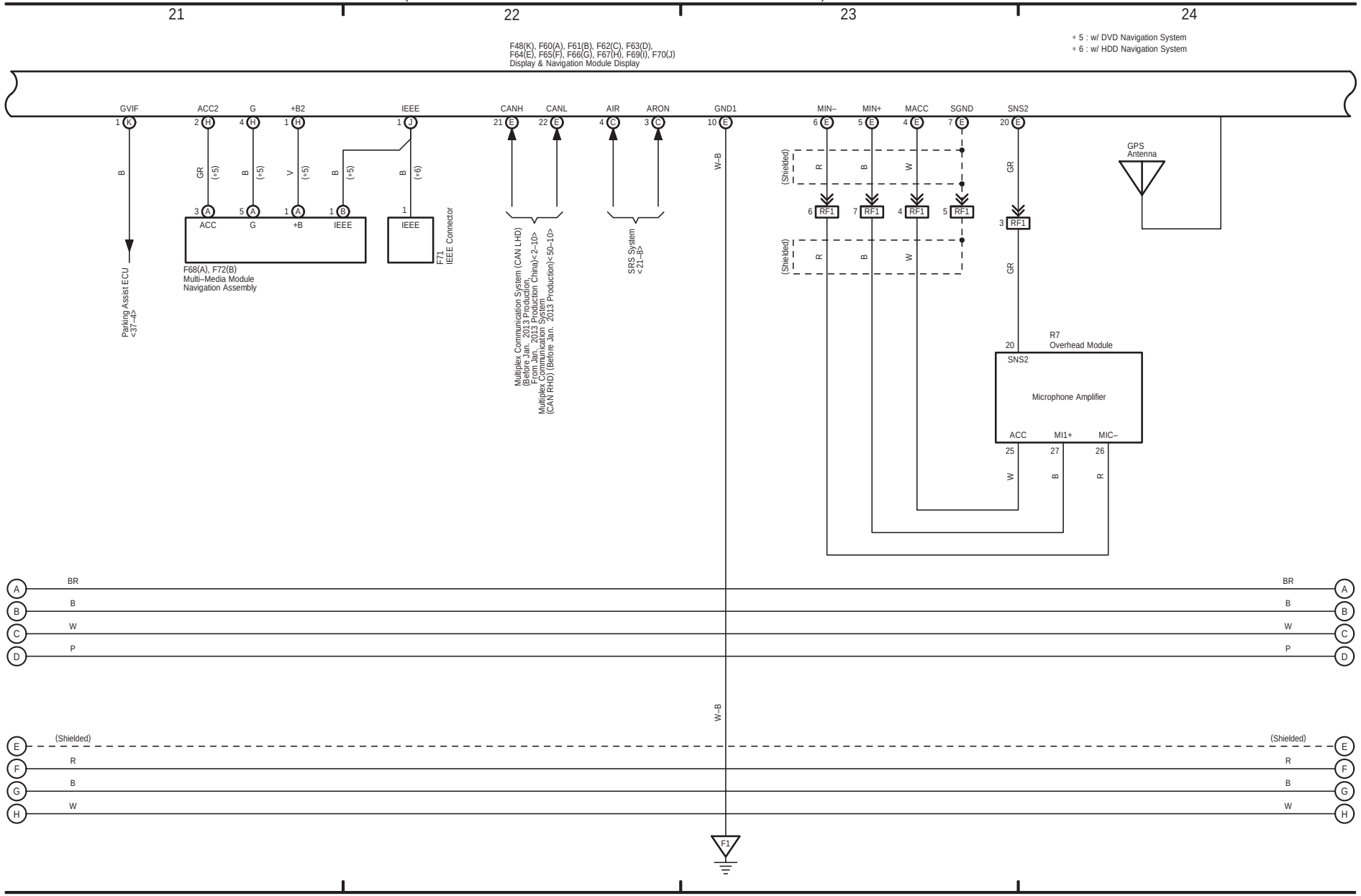
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)



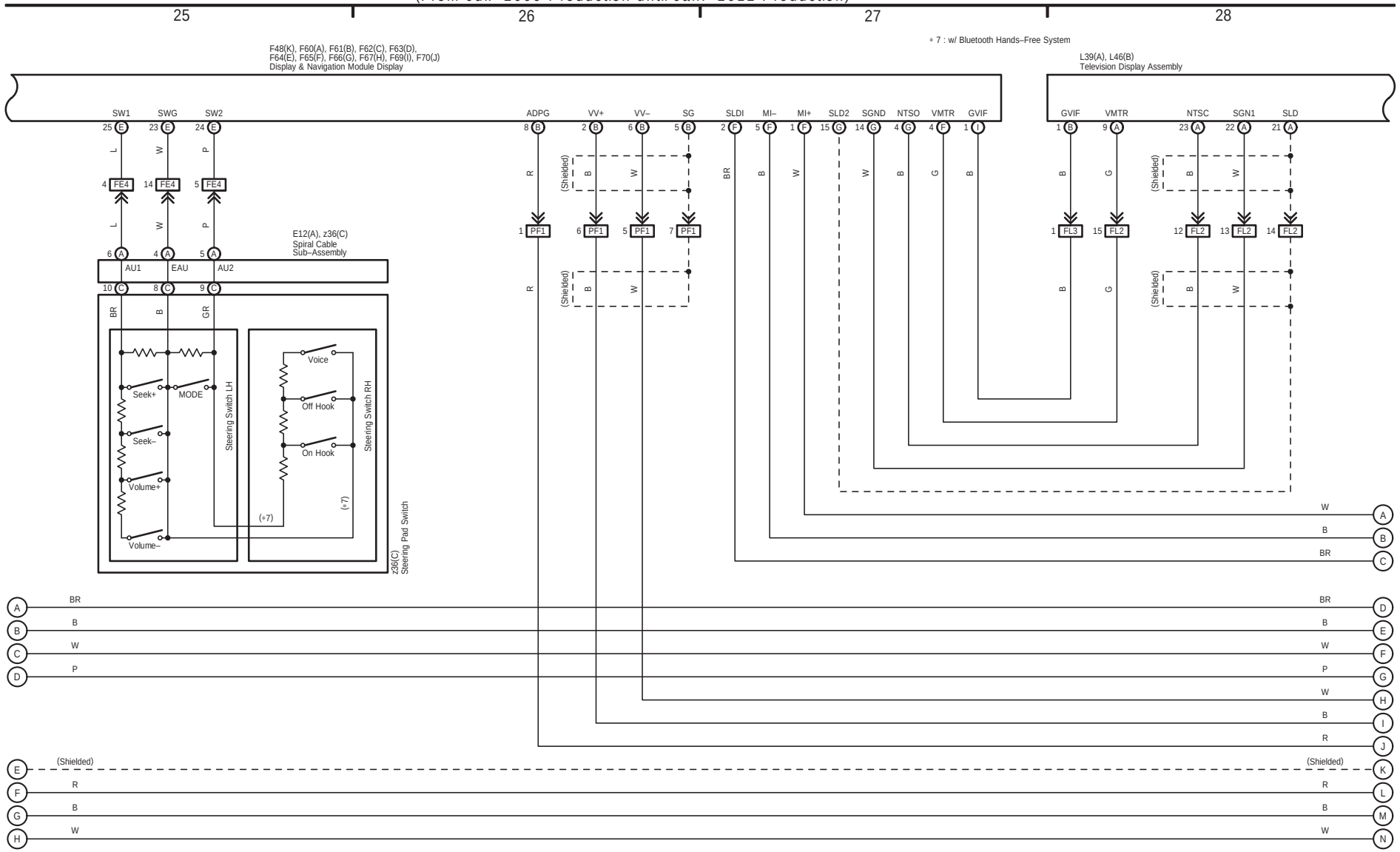
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)

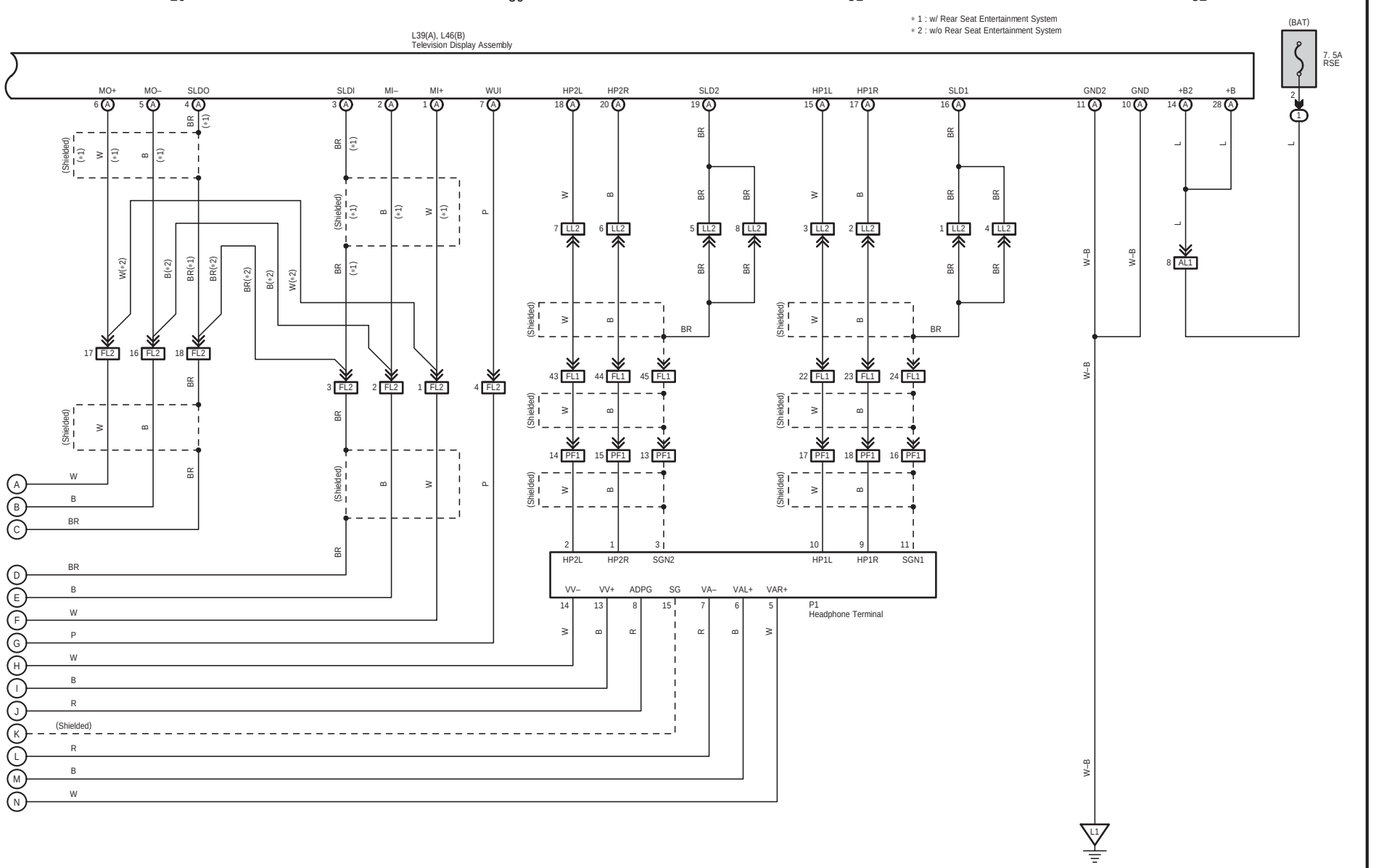


(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)

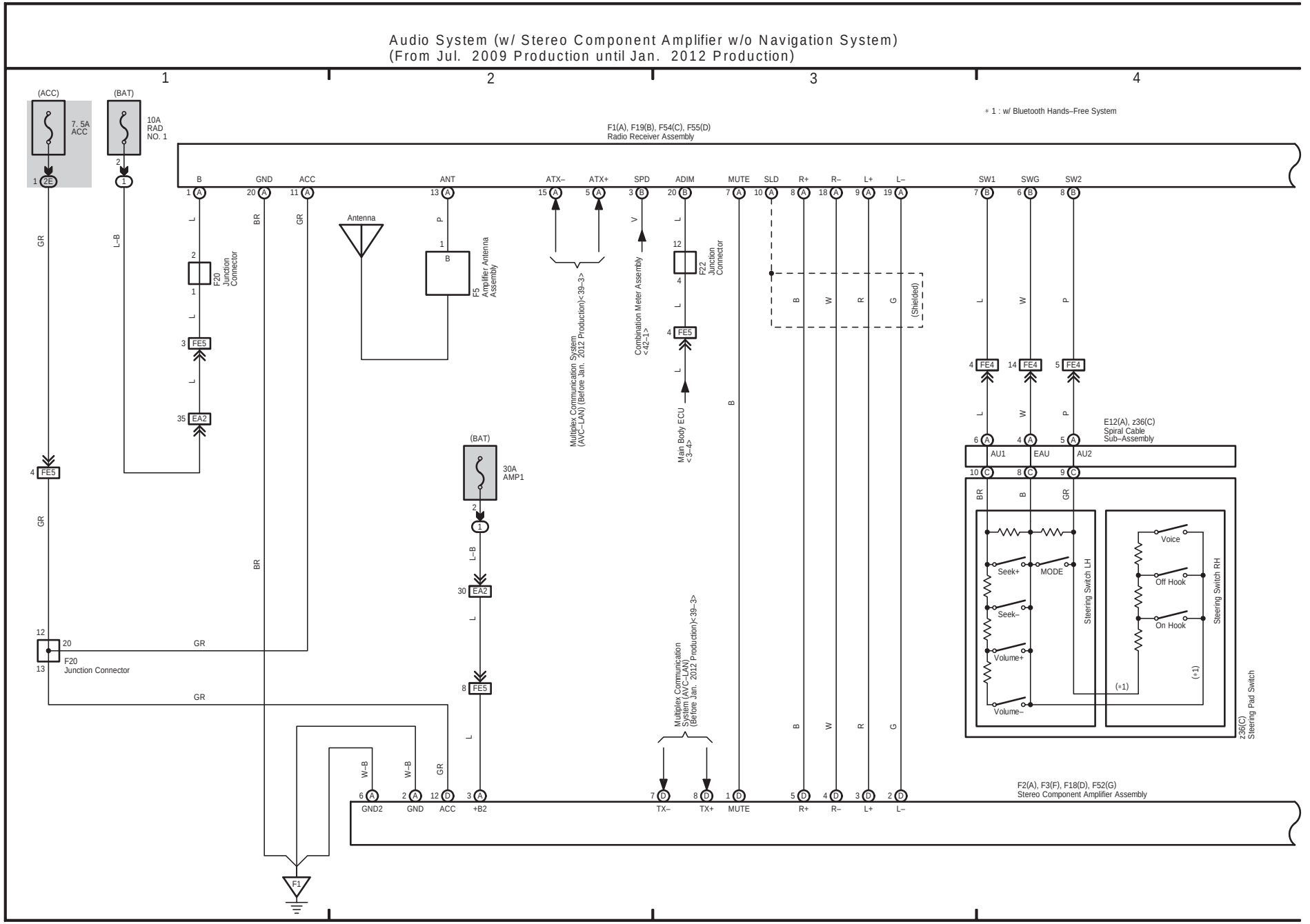


Audio System (w/ Stereo Component Amplifier w/ Navigation System),
Multi–Display, Navigation System and Parking Assist (Rear View Monitor)
(From Jul. 2009 Production until Jan. 2012 Production)



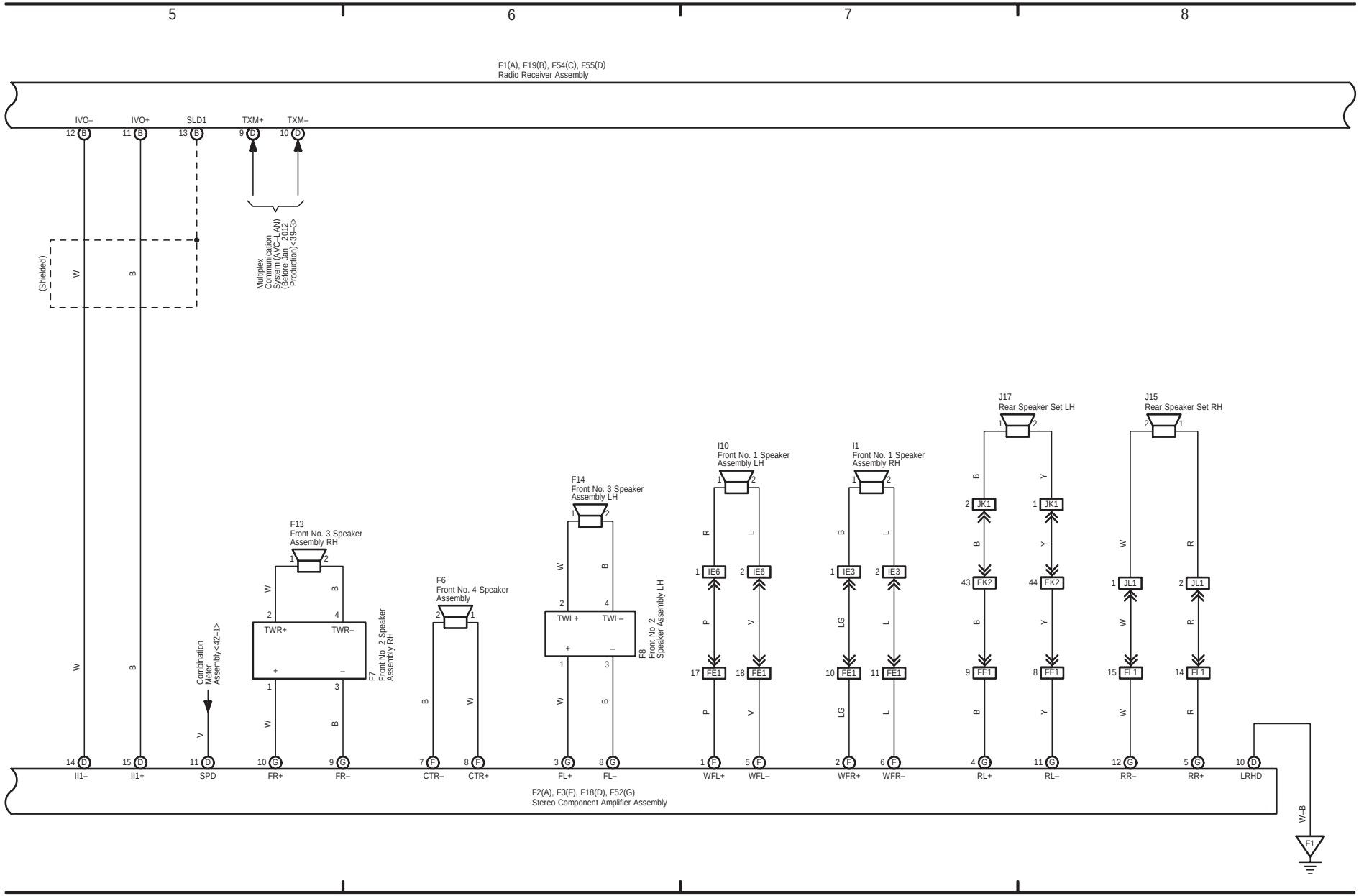
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/o Navigation System)
(From Jul. 2009 Production until Jan. 2012 Production)

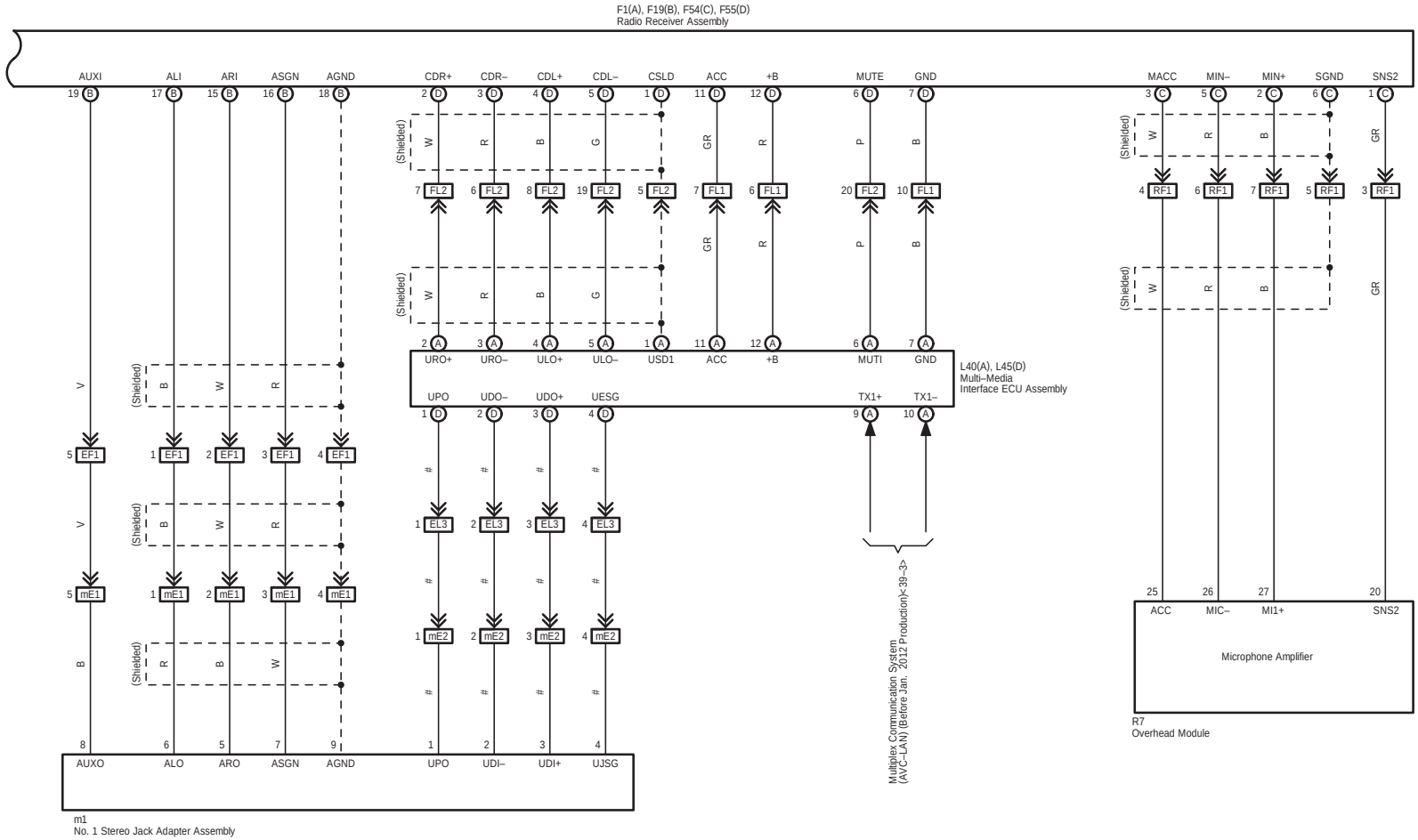


(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/o Navigation System)
(From Jul. 2009 Production until Jan. 2012 Production)



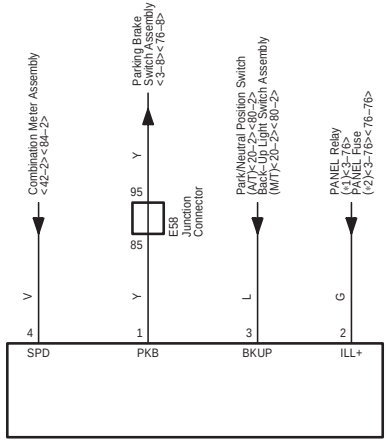
Audio System (w/ Stereo Component Amplifier w/o Navigation System)
(From Jul. 2009 Production until Jan. 2012 Production)

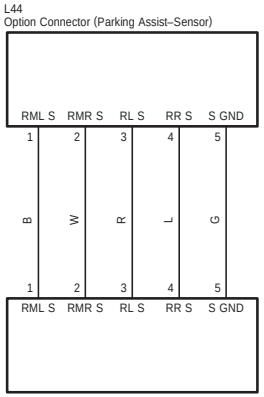


: There is no wire color information.

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

1 2 3 4

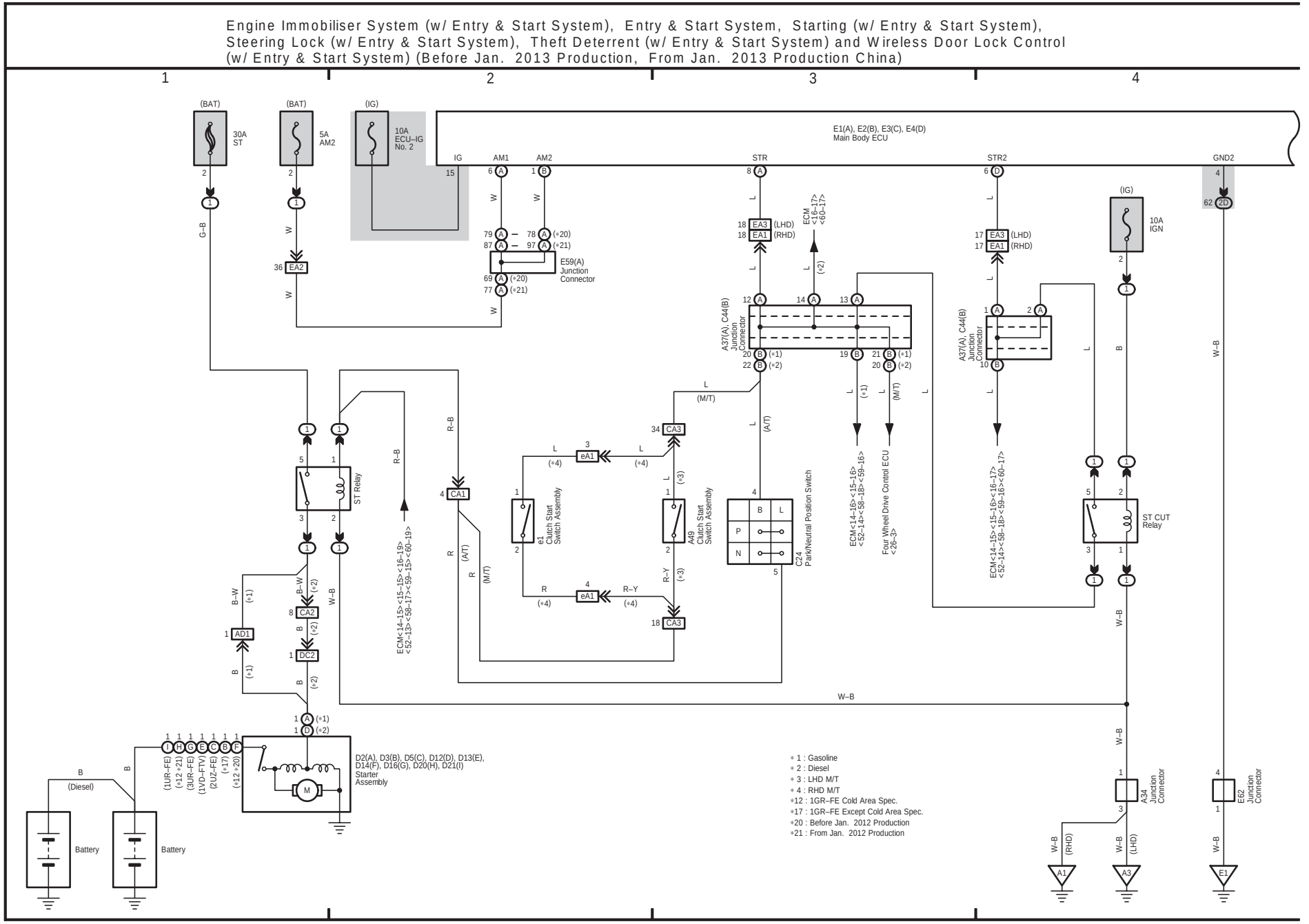




* 1 : Before Jan. 2012 Production w/ Daytime Running Light
* 2 : Before Jan. 2012 Production w/o Daytime Running Light, From Jan. 2012 Production

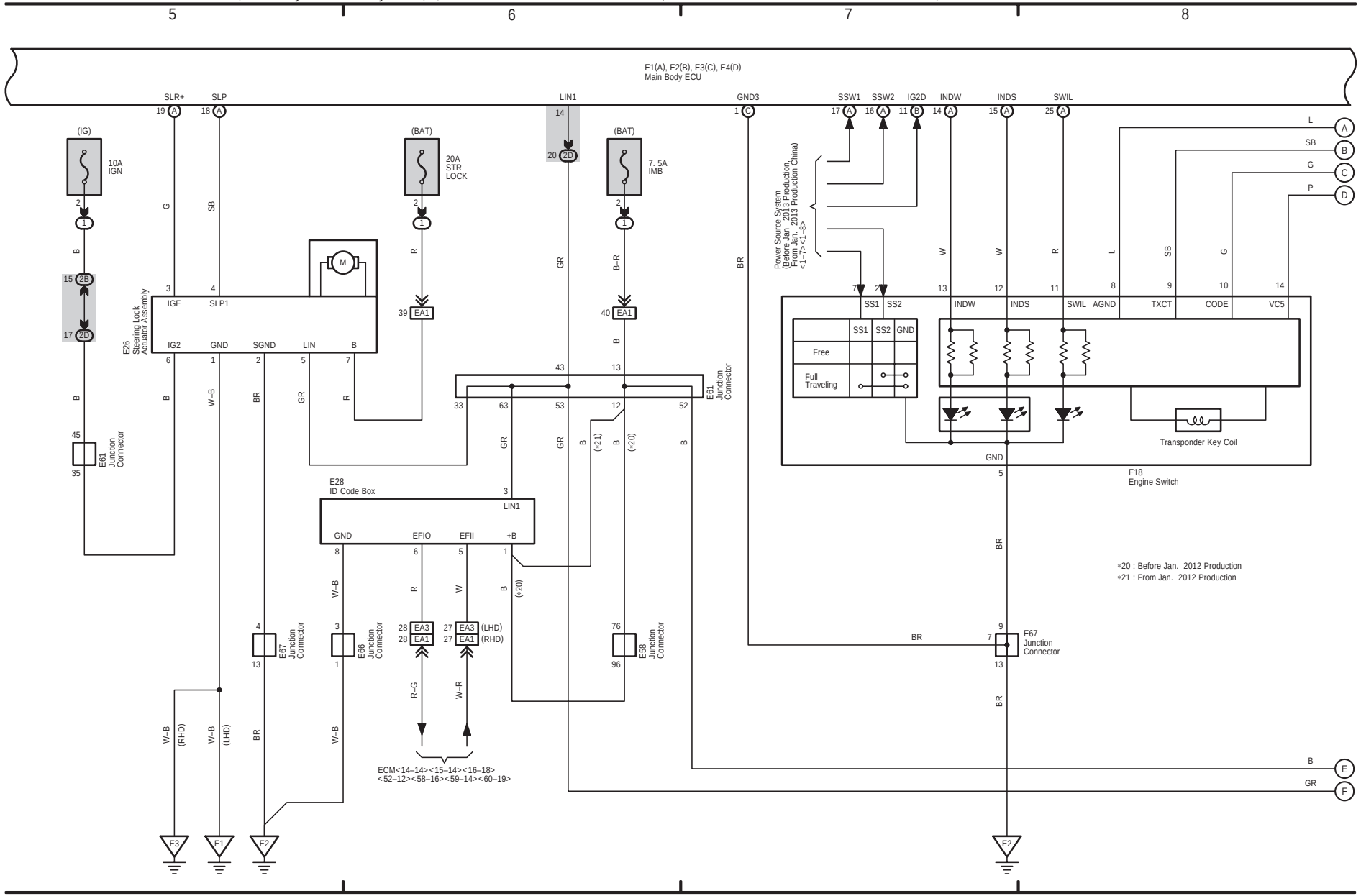
(Cont. next page)

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) and Wireless Door Lock Control (w/ Entry & Start System) (Before Jan. 2013 Production, From Jan. 2013 Production China)



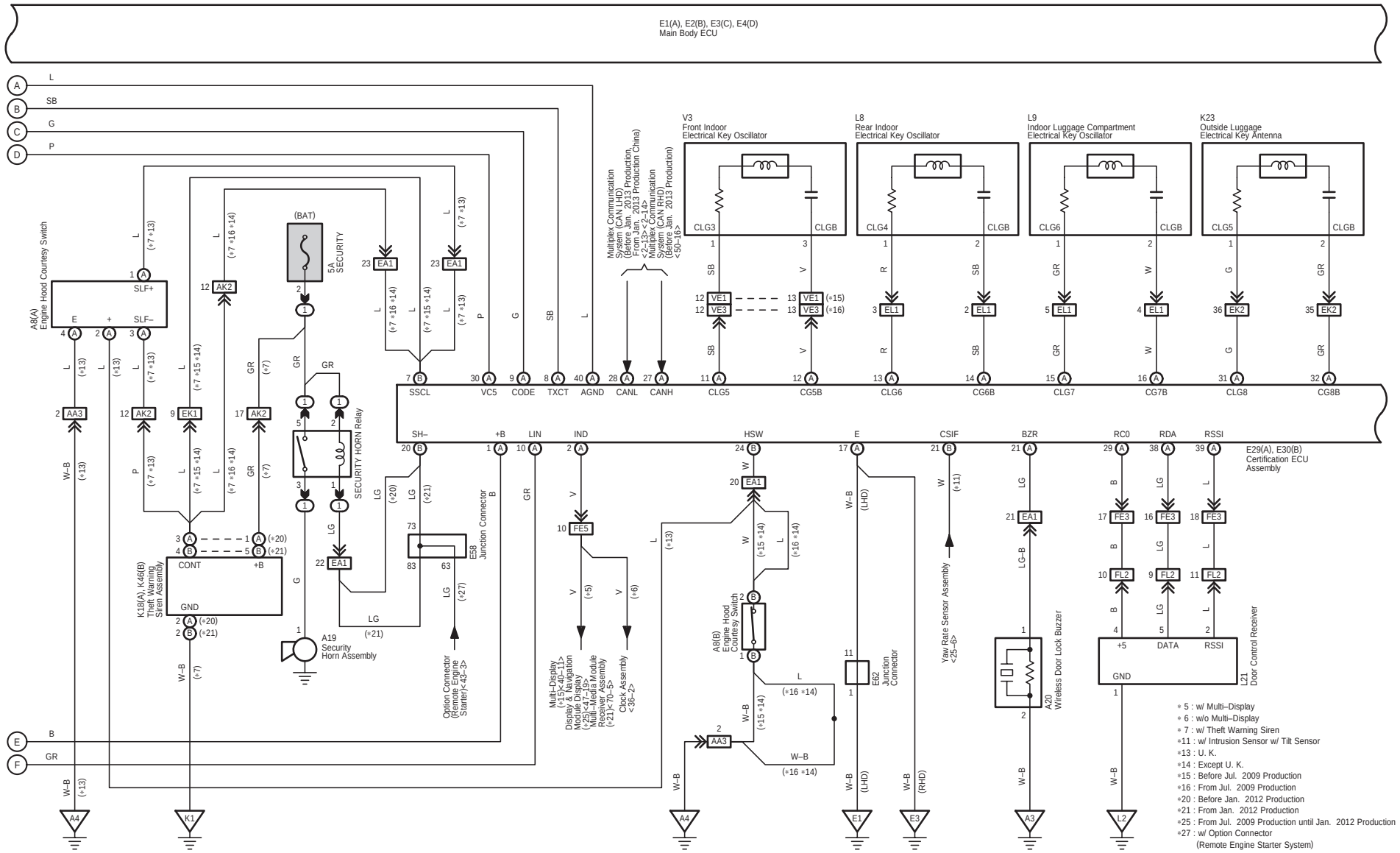
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System) (Before Jan. 2013 Production, From Jan. 2013 Production China)



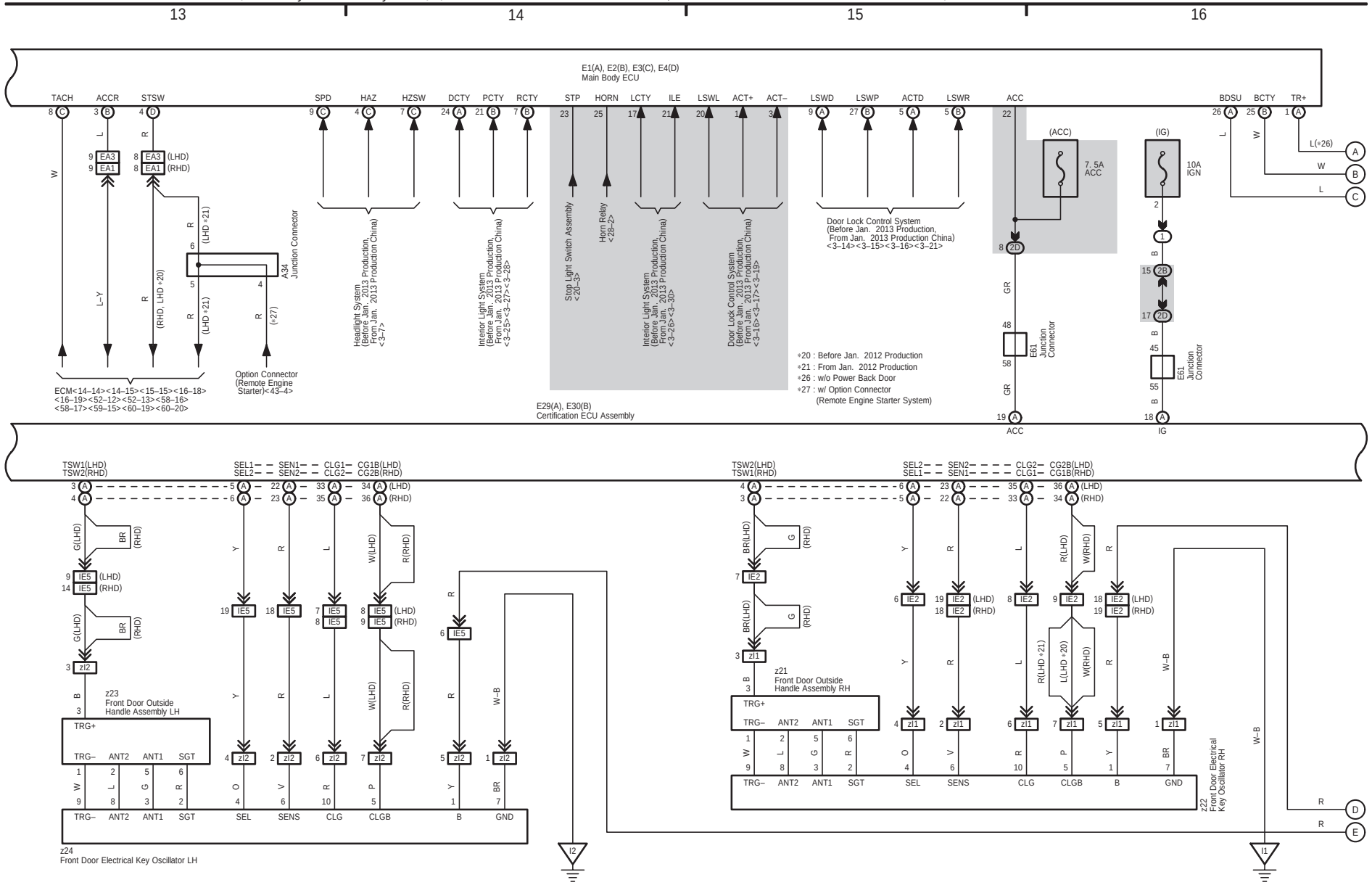
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System) (Before Jan. 2013 Production, From Jan. 2013 Production China)



(Cont. next page)

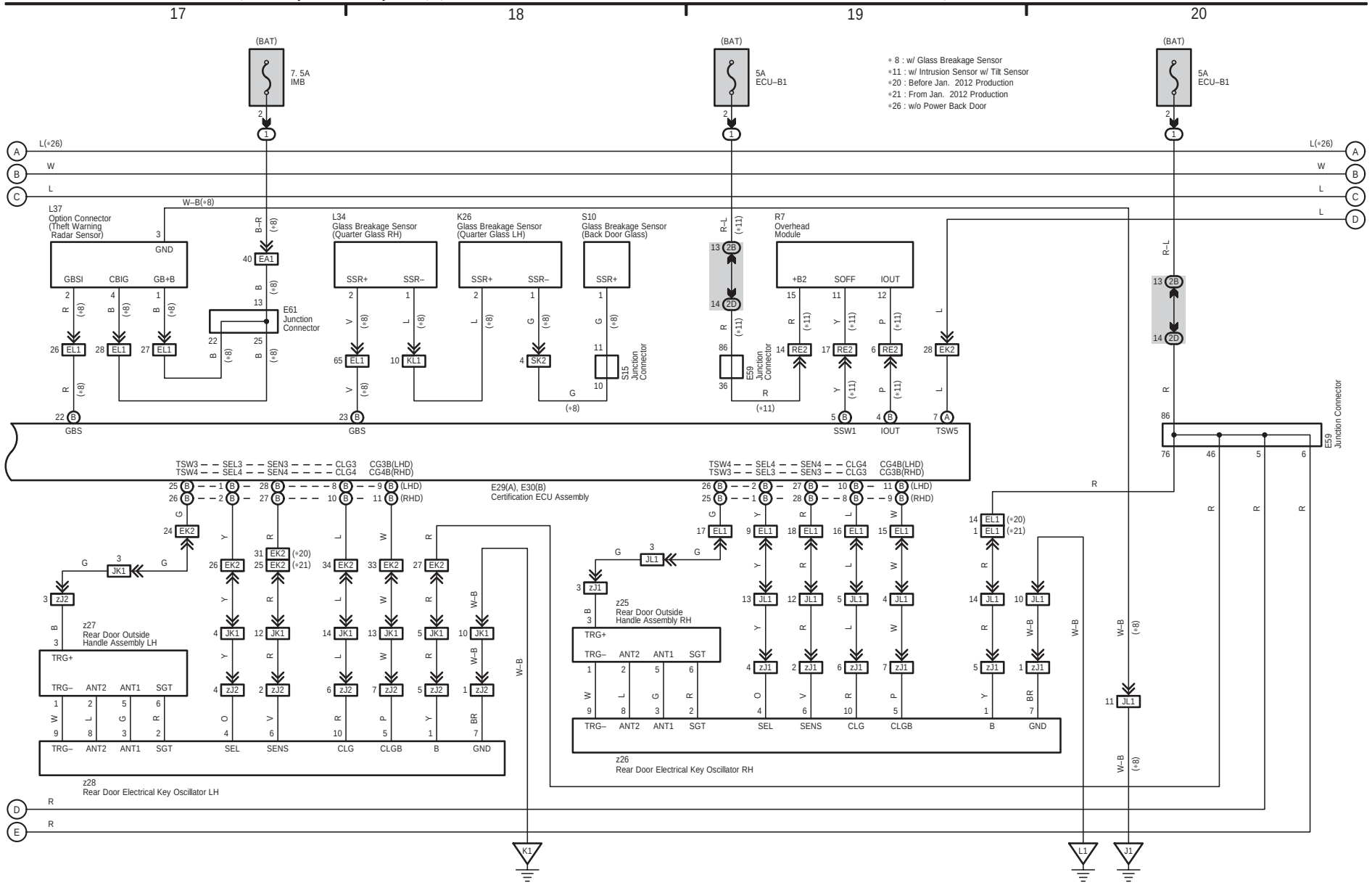
Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System) (Before Jan. 2013 Production, From Jan. 2013 Production China)



4 LAND CRUISER Station Wagon (Cont' d)

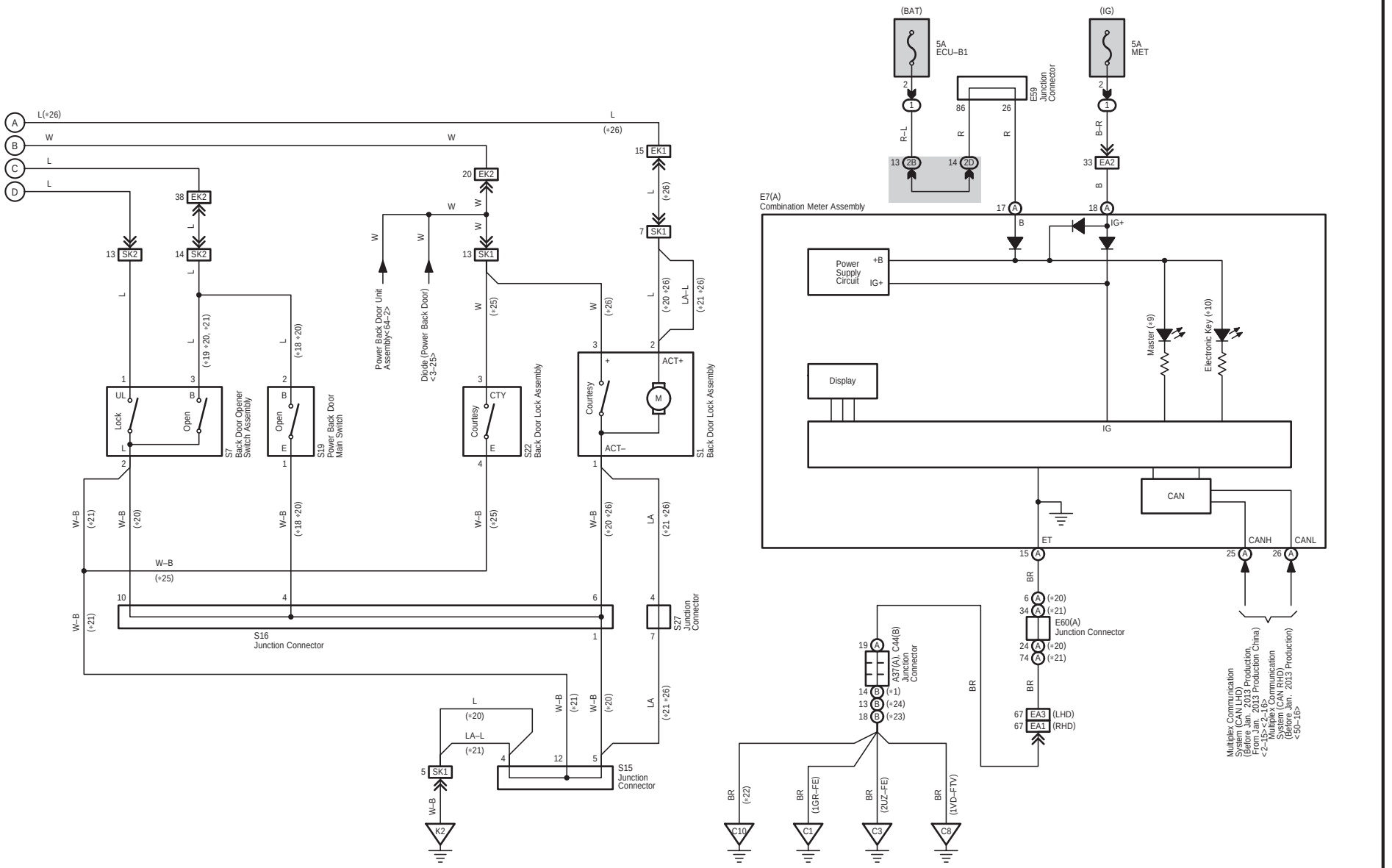
(Cont. next page)

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) and Wireless Door Lock Control (w/ Entry & Start System) (Before Jan. 2013 Production, From Jan. 2013 Production China)



Back Door Opener (Before Jan. 2013 Production, From Jan. 2013 Production China)

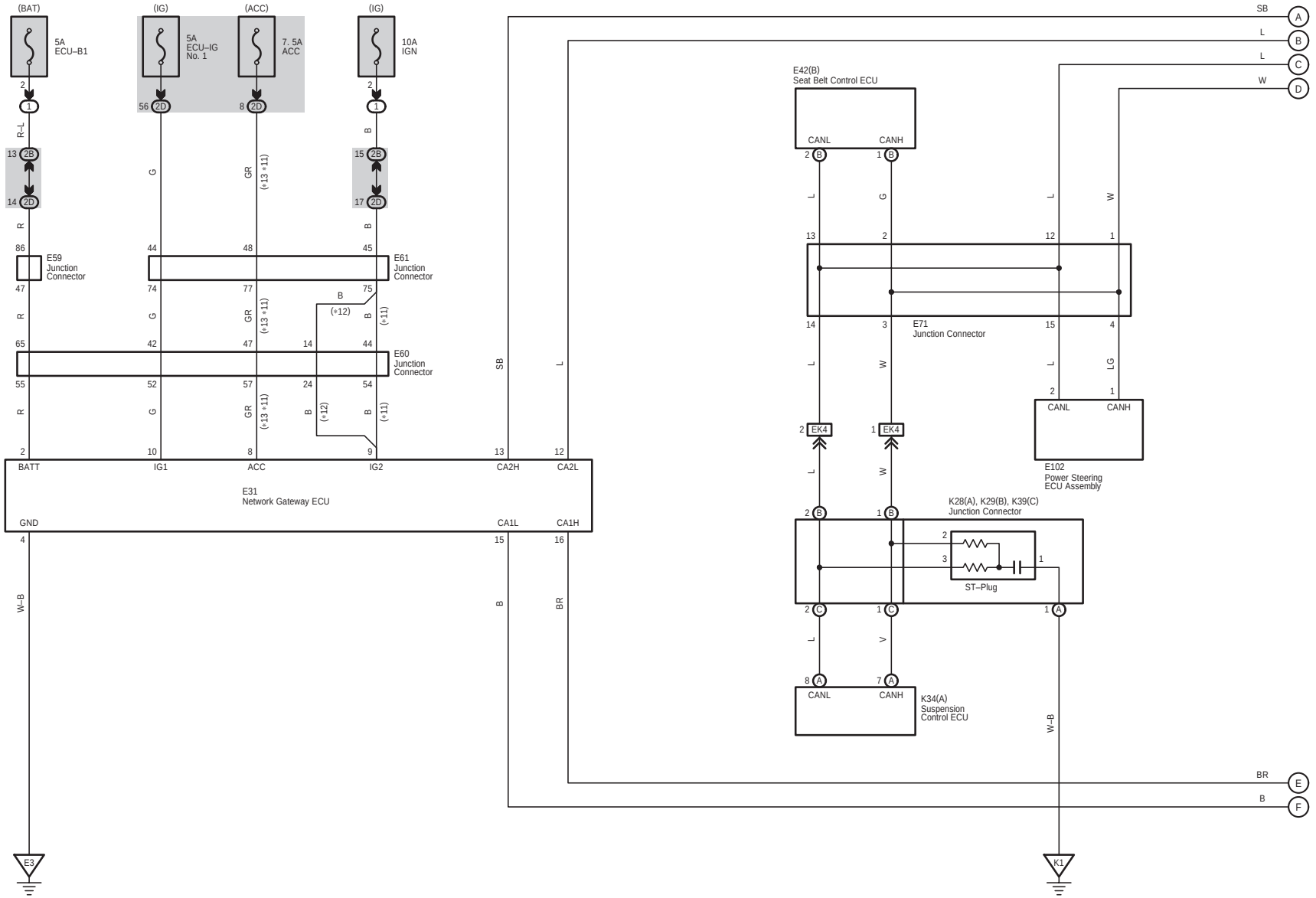
∗1 : Gasoline
∗9 : Optitron Meter
∗10 : Except Optitron Meter
∗18 : 9 Seater
∗19 : Except 9 Seater
∗20 : Before Jan. 2012 Production
∗21 : From Jan. 2012 Production
∗22 : 3UR–FE, 1UR–FE
∗23 : 1VD–FTV w/ DPF
∗24 : 1VD–FTV w/o DPF
∗25 : w/ Power Back Door
∗26 : w/o Power Back Door



(Cont. next page)

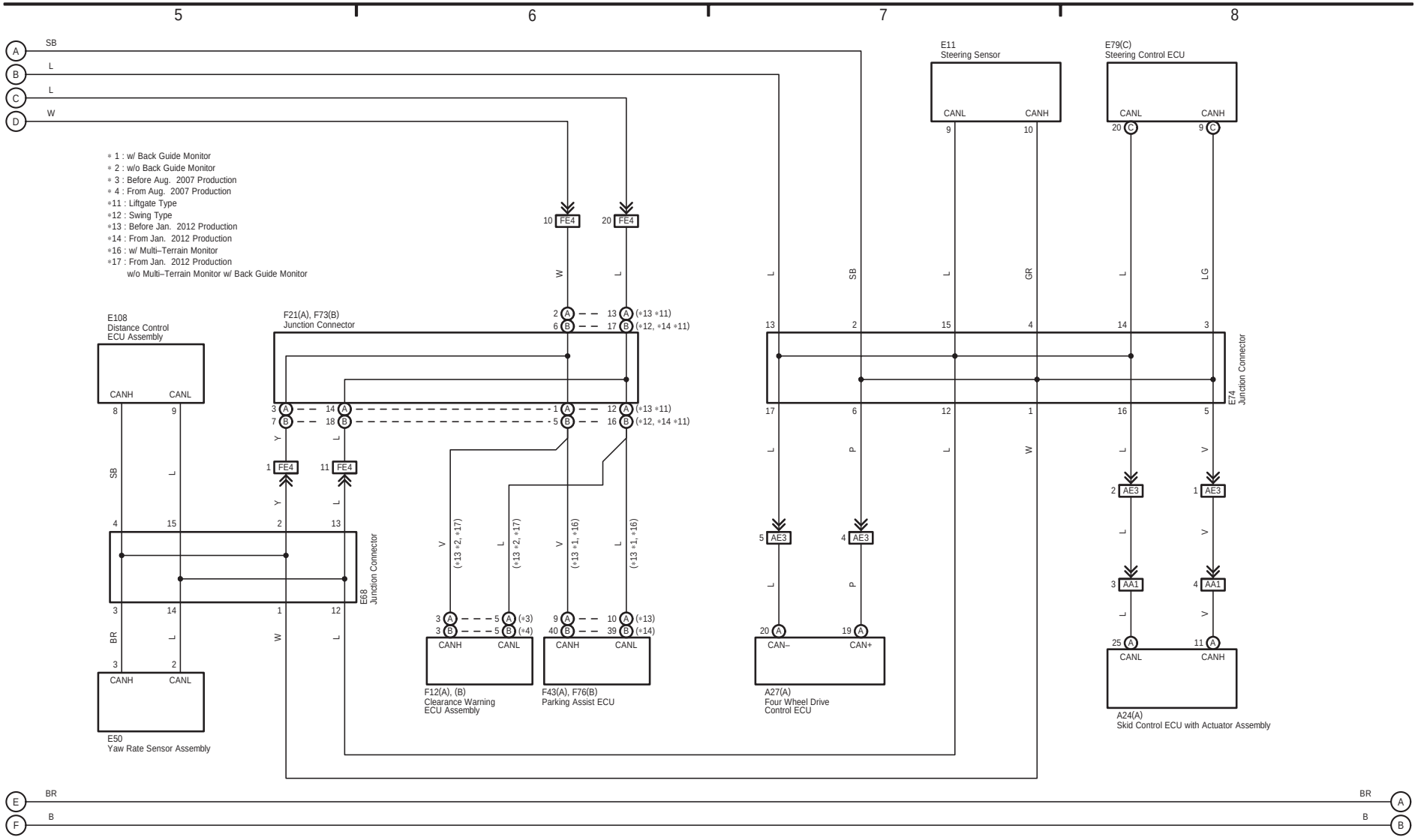
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)

∗11 : Liftgate Type
∗12 : Swing Type
∗13 : Before Jan. 2012 Production



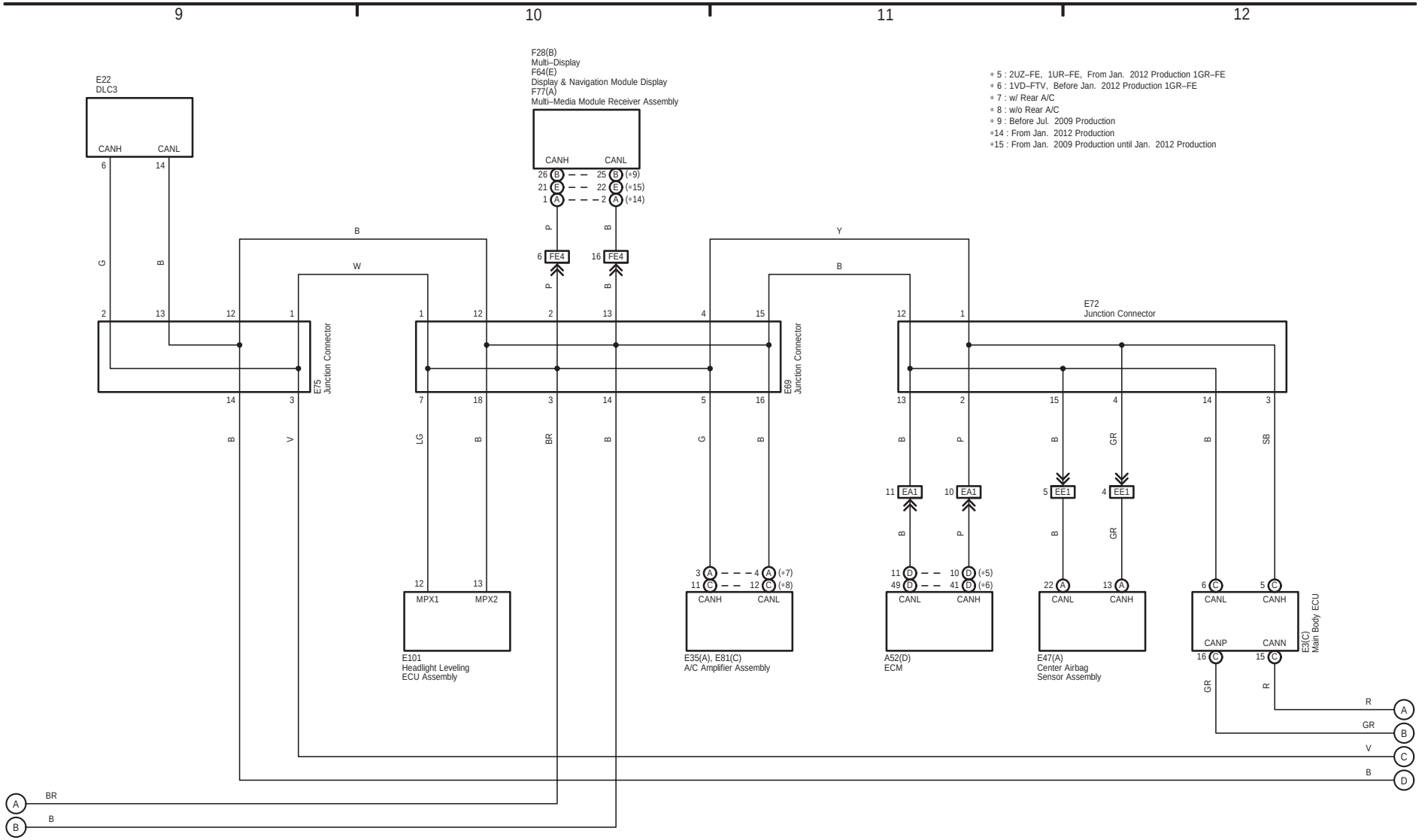
(Cont. next page)

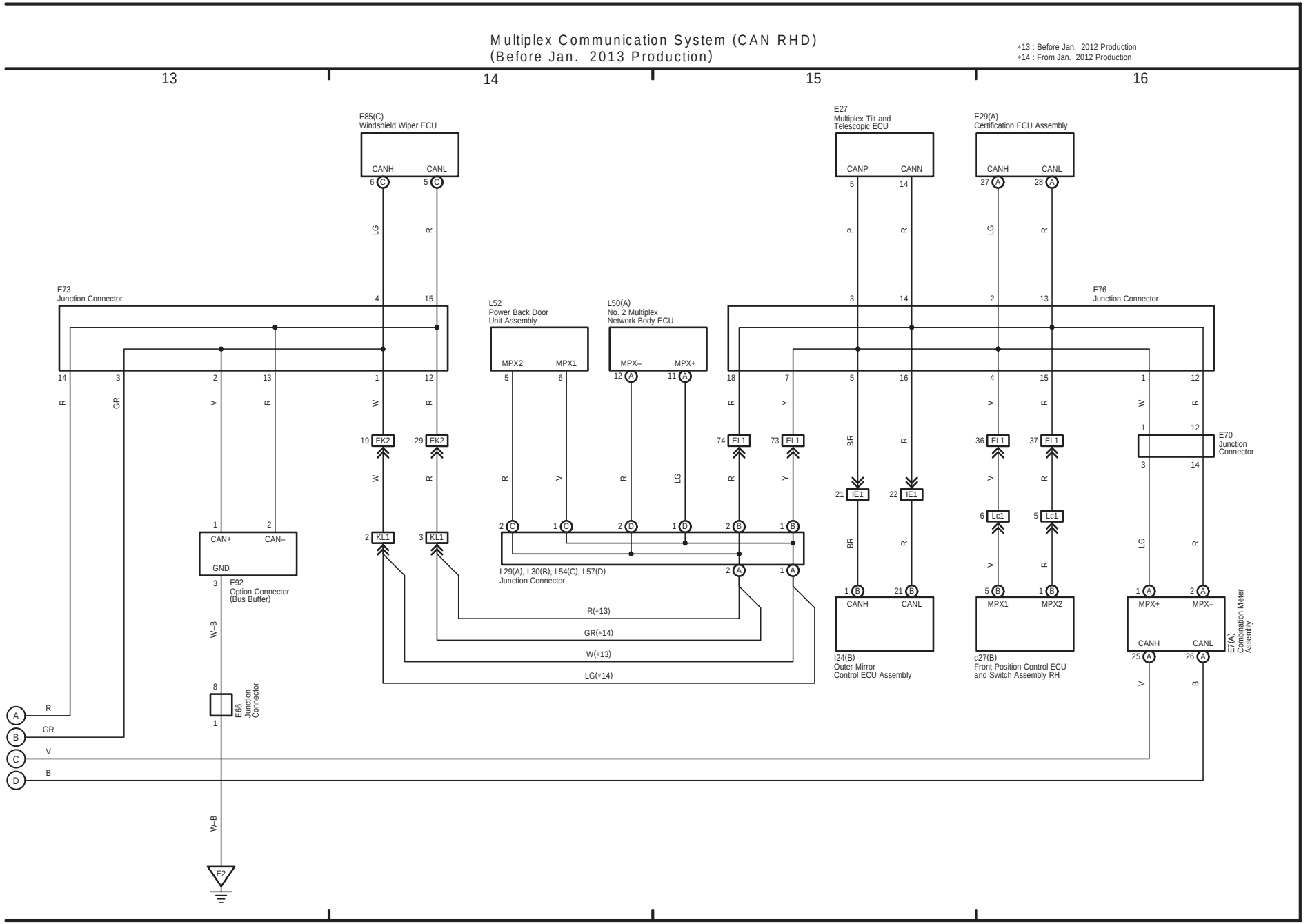
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)

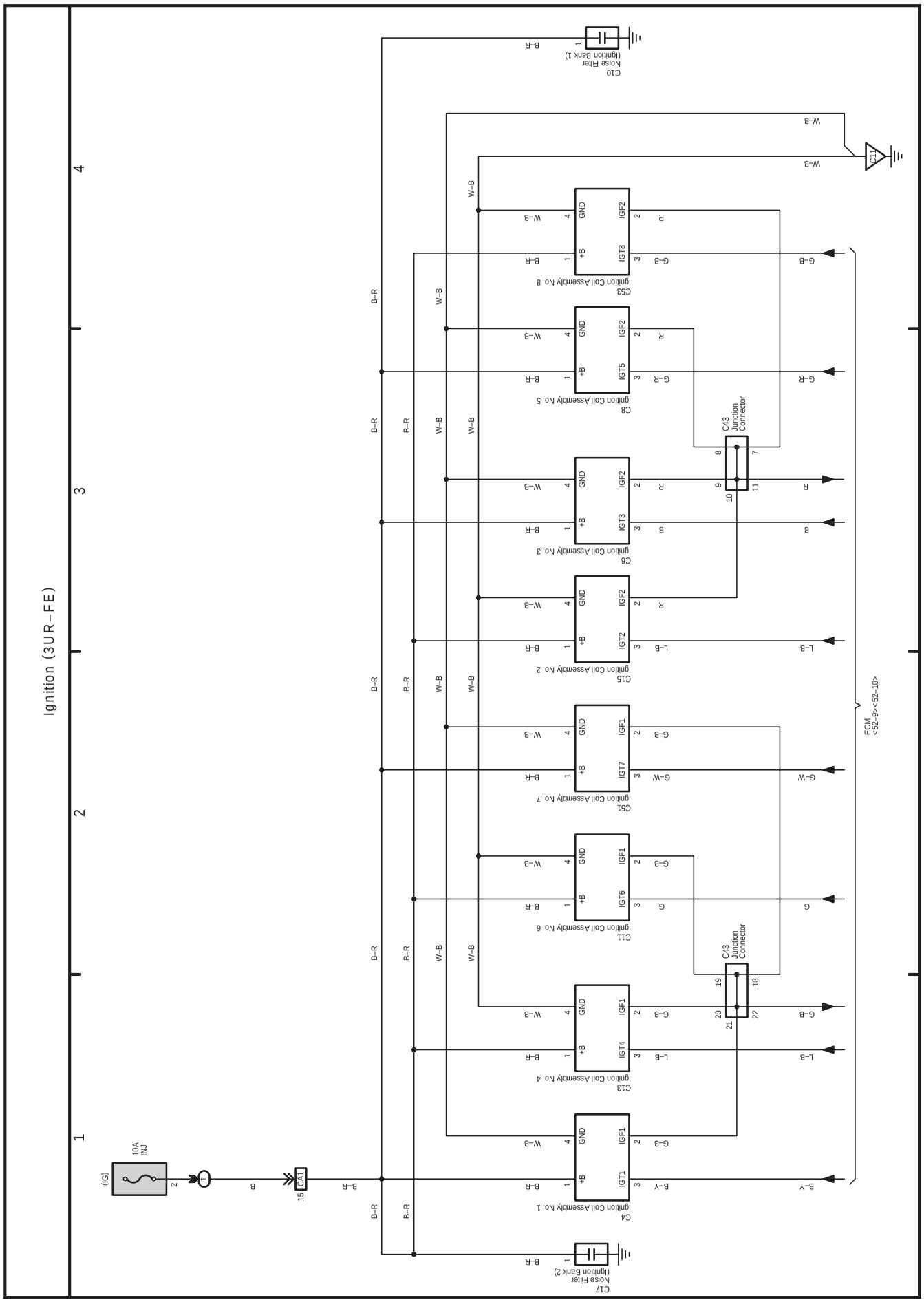


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Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)



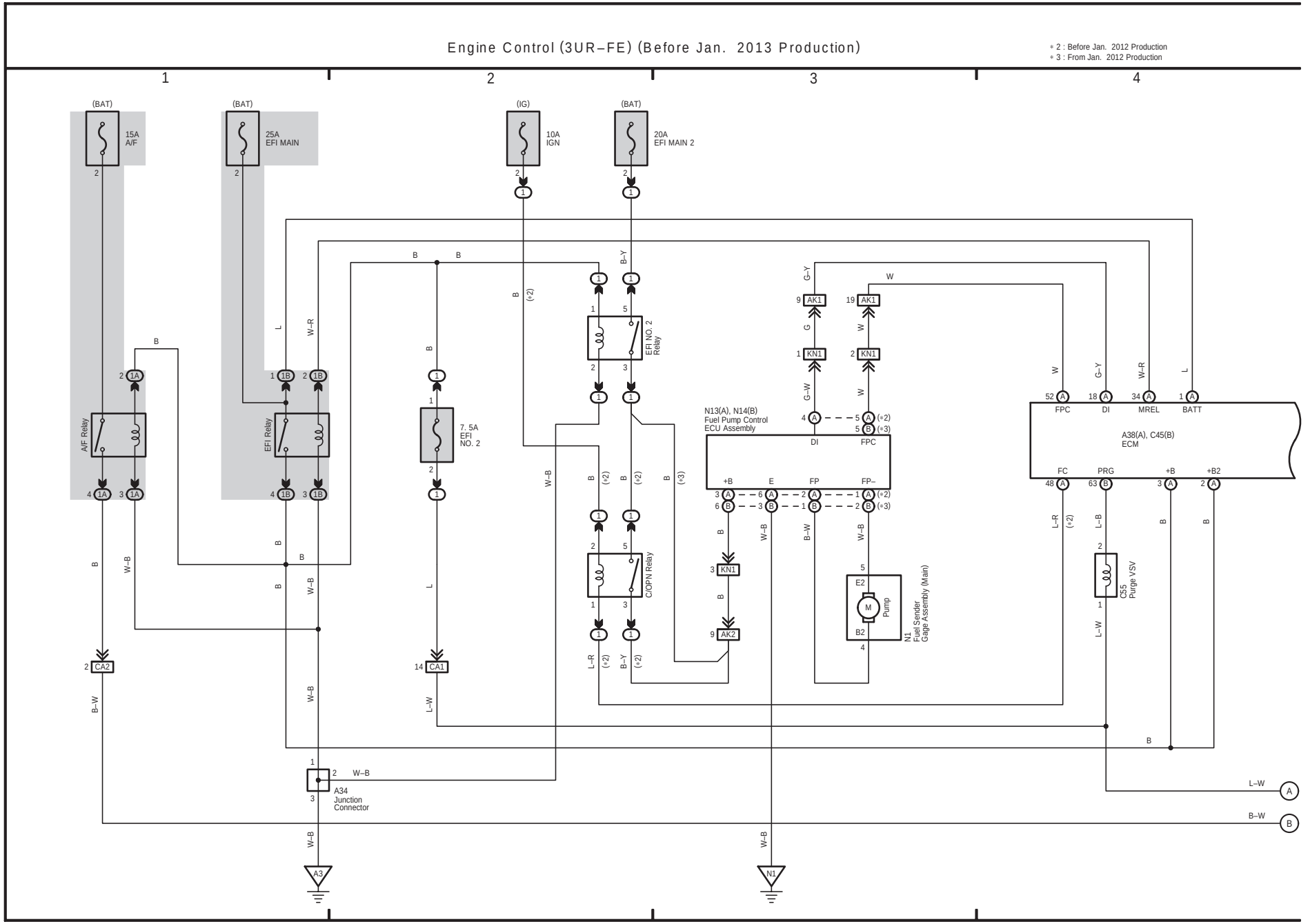

Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)
∗13 : Before Jan. 2012 Production
∗14 : From Jan. 2012 Production
13
14
15
16
E85(C)
Windshield Wiper ECU
CANH
CANL
E27
Multiplex Tilt and
Telescopic ECU
CANP
CANN
E29(A)
Certification ECU Assembly
E73
Junction Connector
E76
Junction Connector
L52
Power Back Door
Unit Assembly
MPX2
MPX1
L50(A)
No. 2 Multiplex
Network Body ECU
MPX–
MPX+
E70
Junction
Connector
CAN+
CAN–
GND
E92
Option Connector
(Bus Buffer)
L29(A), L30(B), L54(C), L57(D)
Junction Connector
R(∗13)
GR(∗14)
W(∗13)
LG(∗14)
E66
Junction
Connector
I24(B)
Outer Mirror
Control ECU Assembly
c27(B)
Front Position Control ECU
and Switch Assembly RH
E7(A)
Combination Meter
Assembly
E2


Ignition (3UR–FE)
51 LAND CRUISER Station Wagon
1
2
3
4
(IG)
10A
INJ
2
1
B
15
CA1
B–R
B
B–R
B–R
B–R

(Cont. next page)

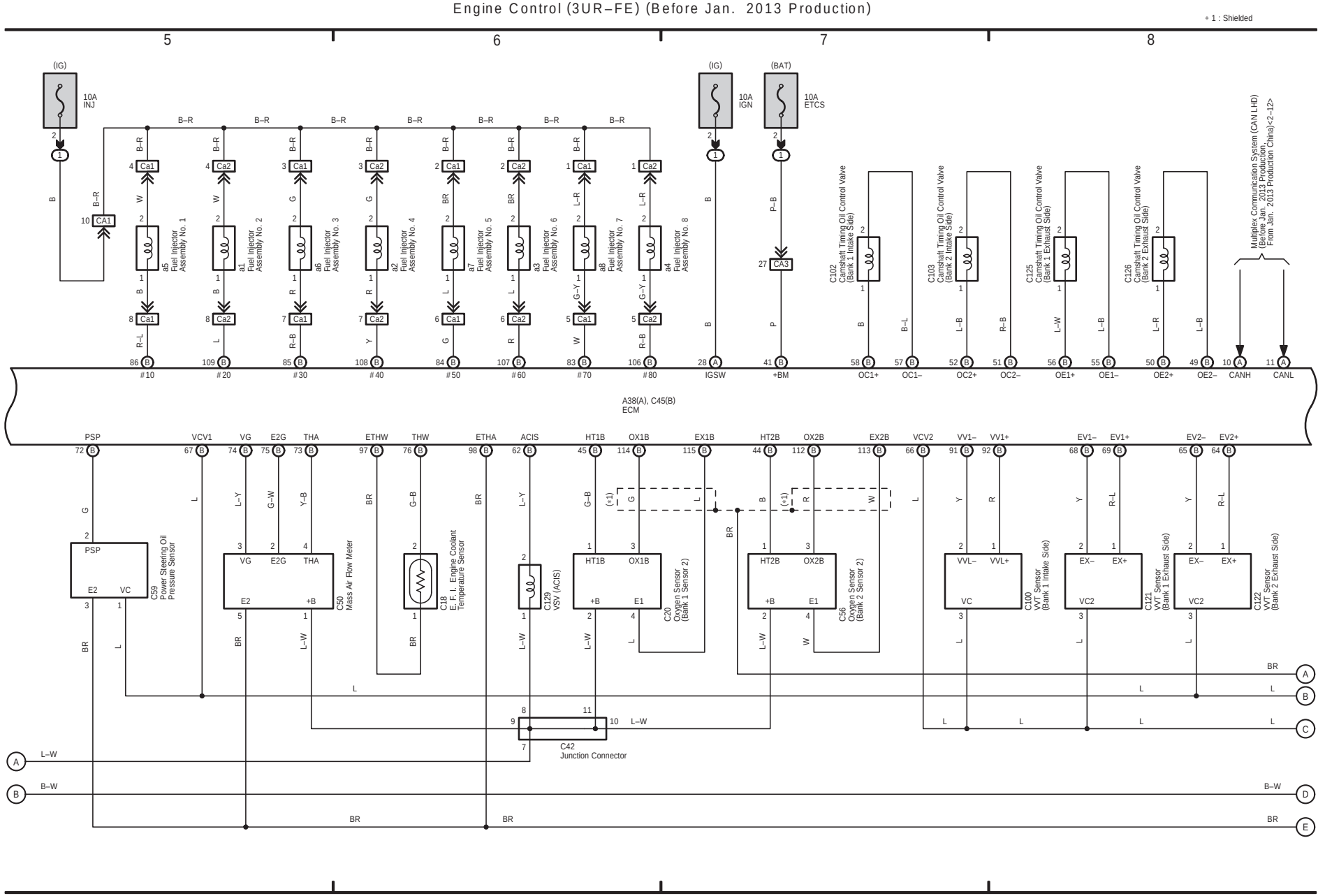
Engine Control (3UR–FE) (Before Jan. 2013 Production)

* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production



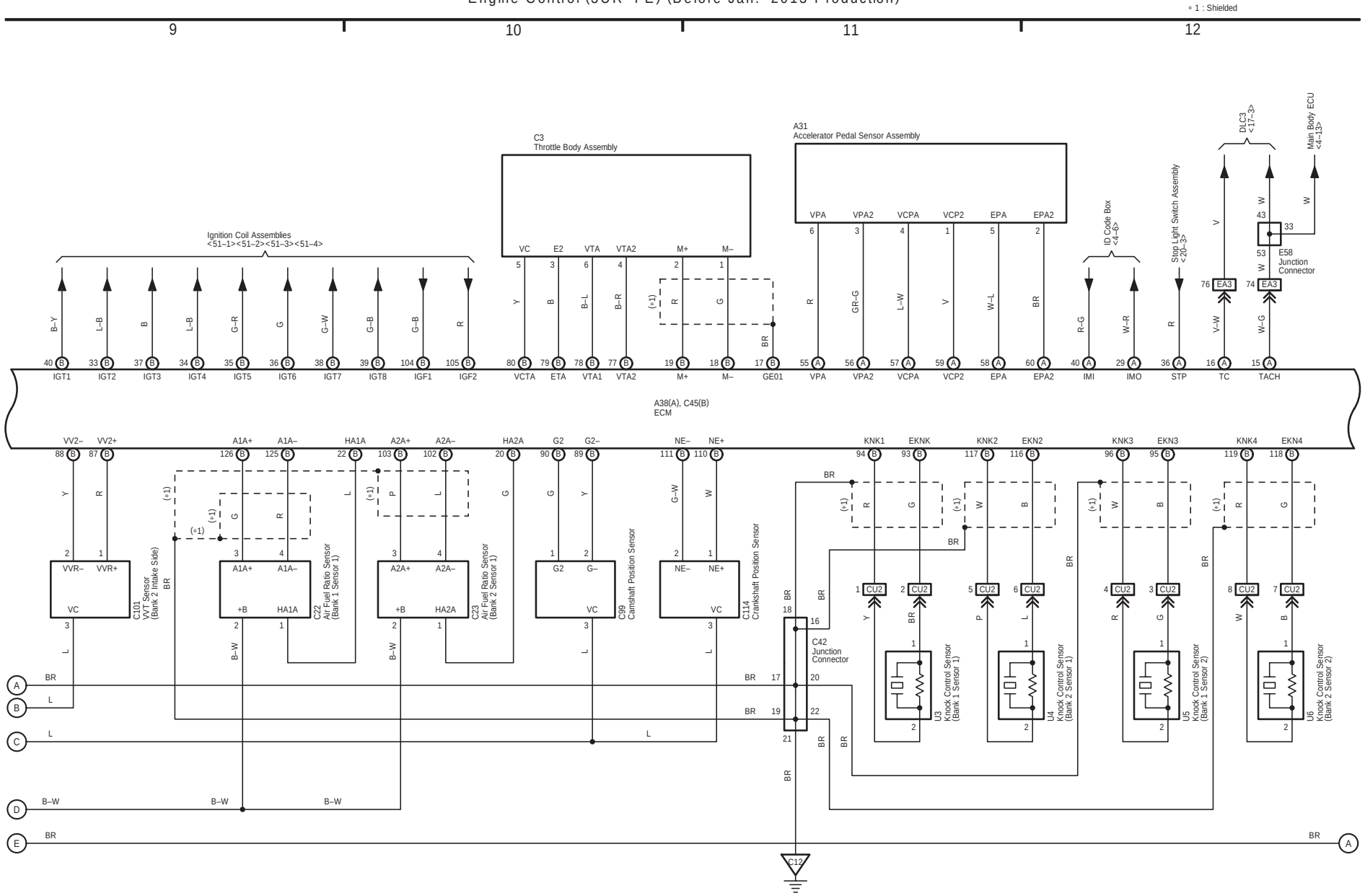
(Cont. next page)

Engine Control (3UR–FE) (Before Jan. 2013 Production)

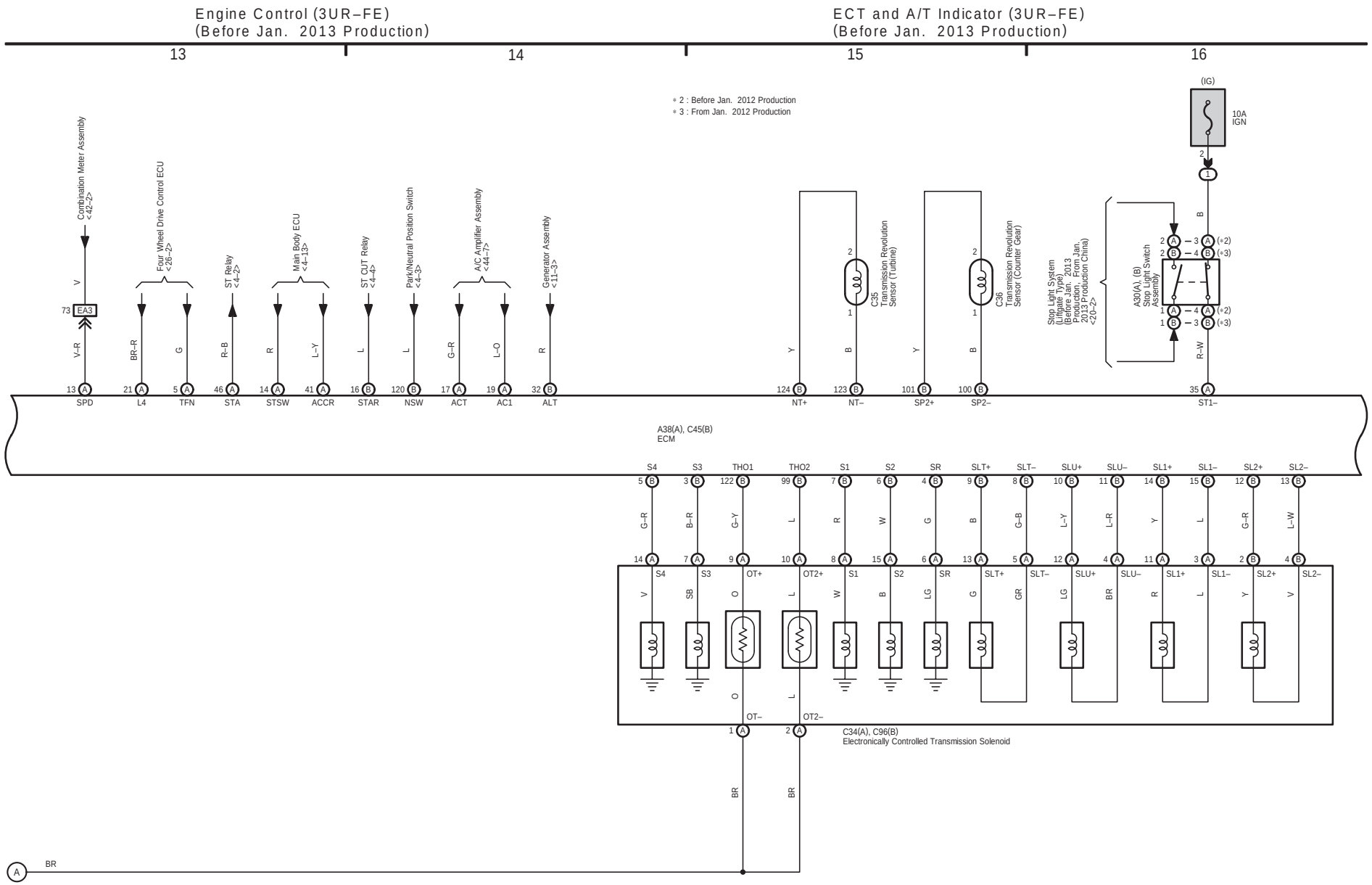


(Cont. next page)

Engine Control (3UR–FE) (Before Jan. 2013 Production)



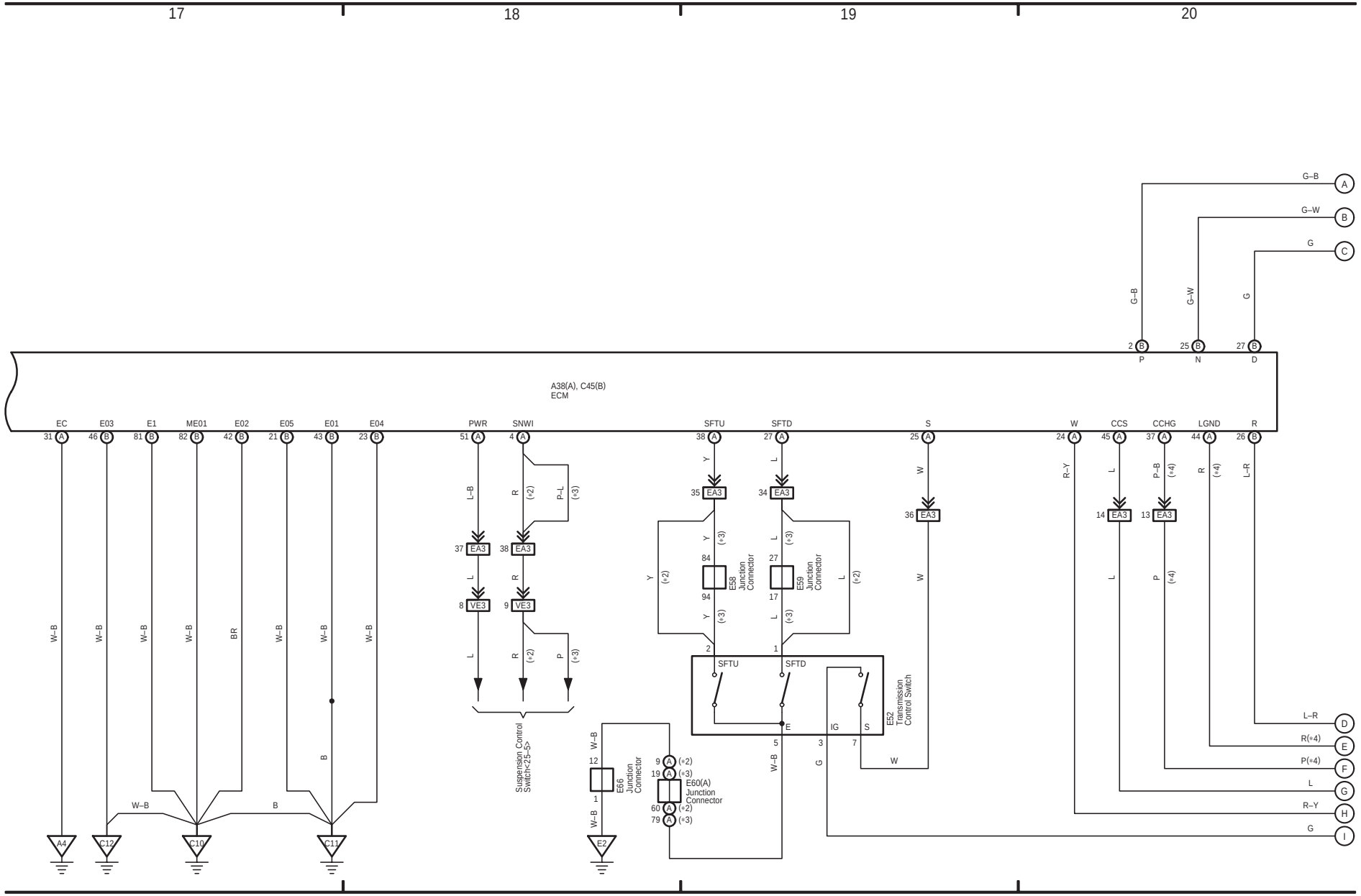
(Cont. next page)



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ECT and A/T Indicator (3UR–FE)
(Before Jan. 2013 Production)

* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production
* 4 : w/ Dynamic Radar Cruise Control

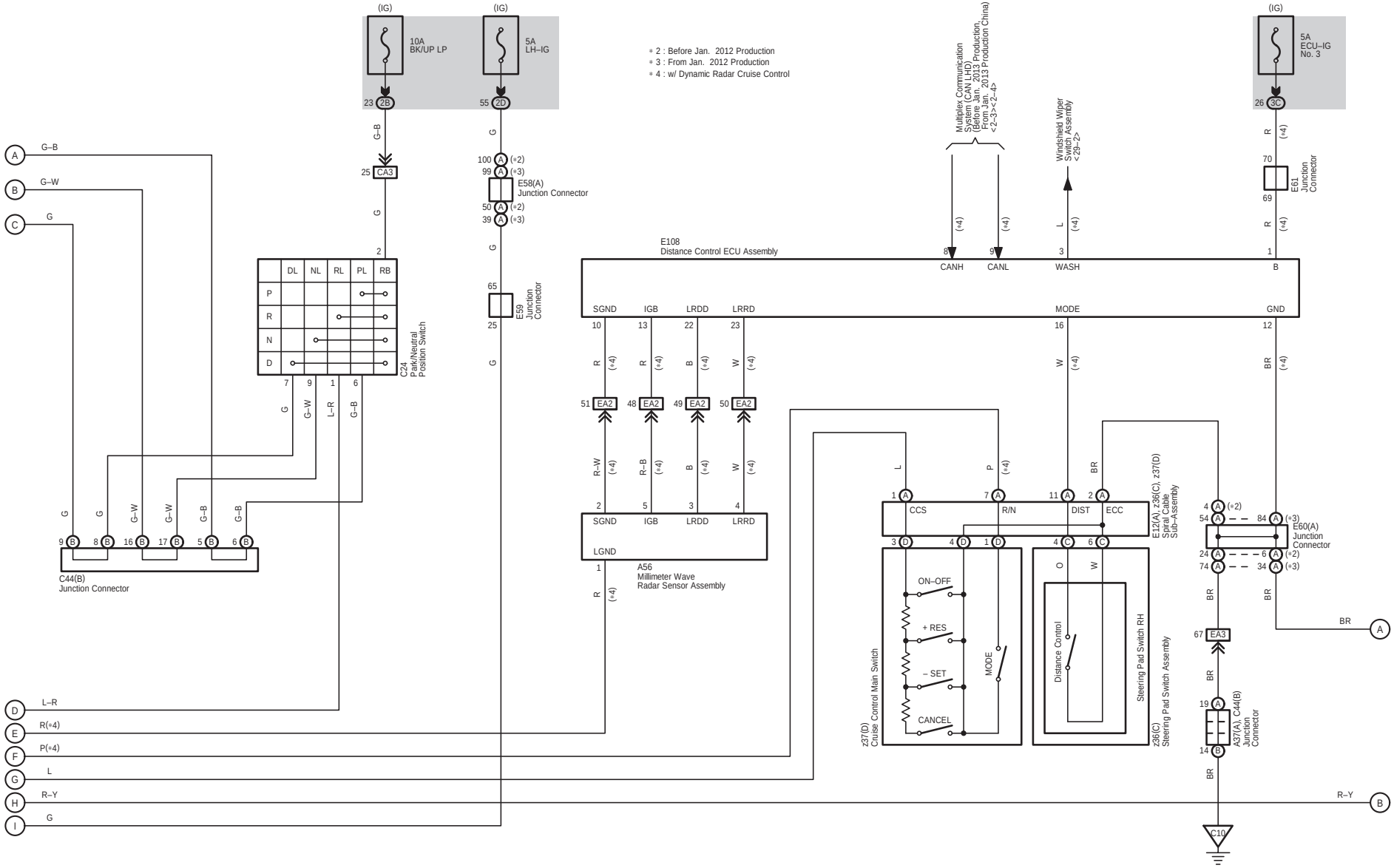


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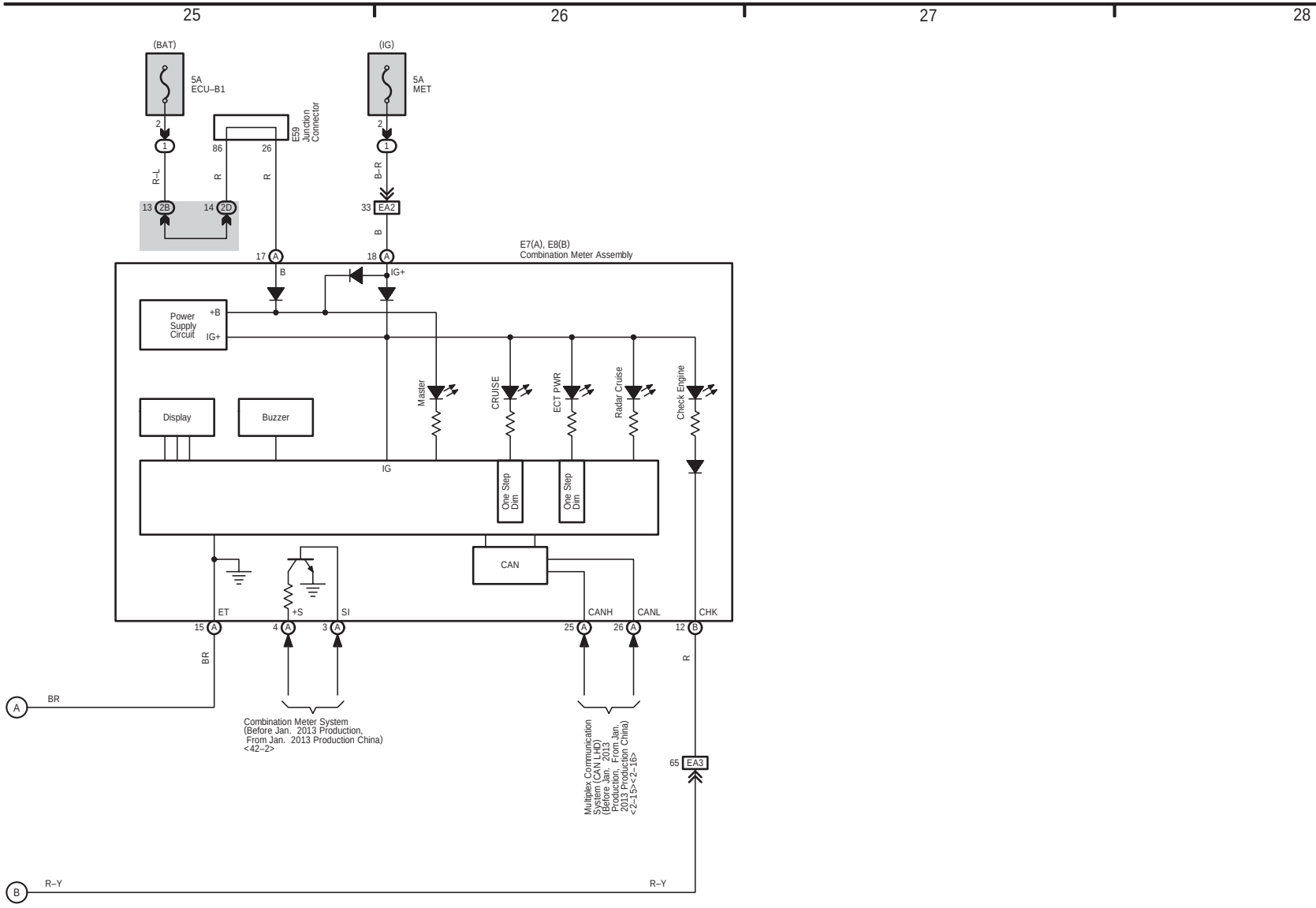
ECT and A/T Indicator (3UR–FE)
(Before Jan. 2013 Production)

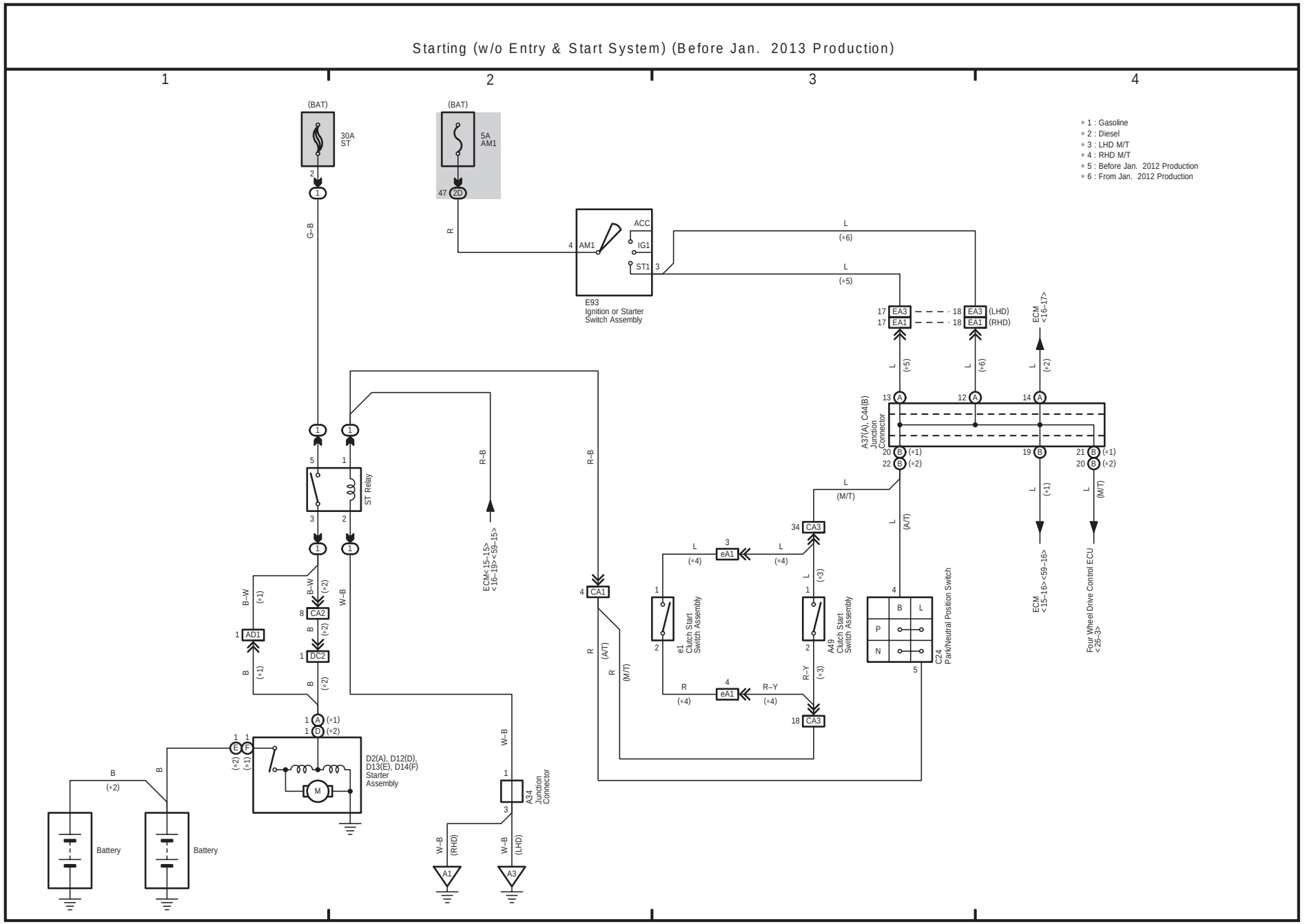
Dynamic Radar Cruise Control (3UR–FE) (Before Jan. 2013 Production)
or Cruise Control (3UR–FE) (Before Jan. 2013 Production)

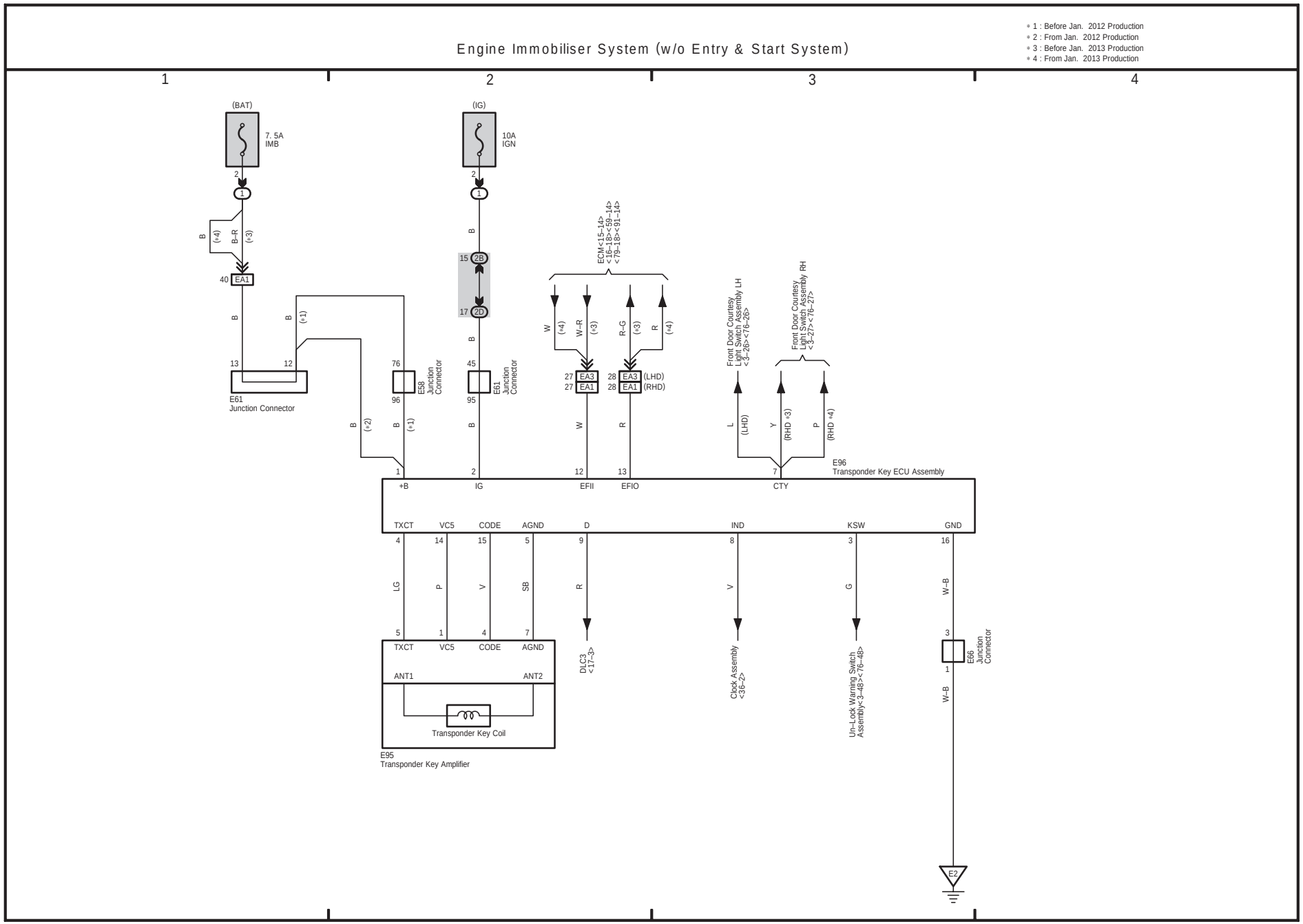
21 22 23 24

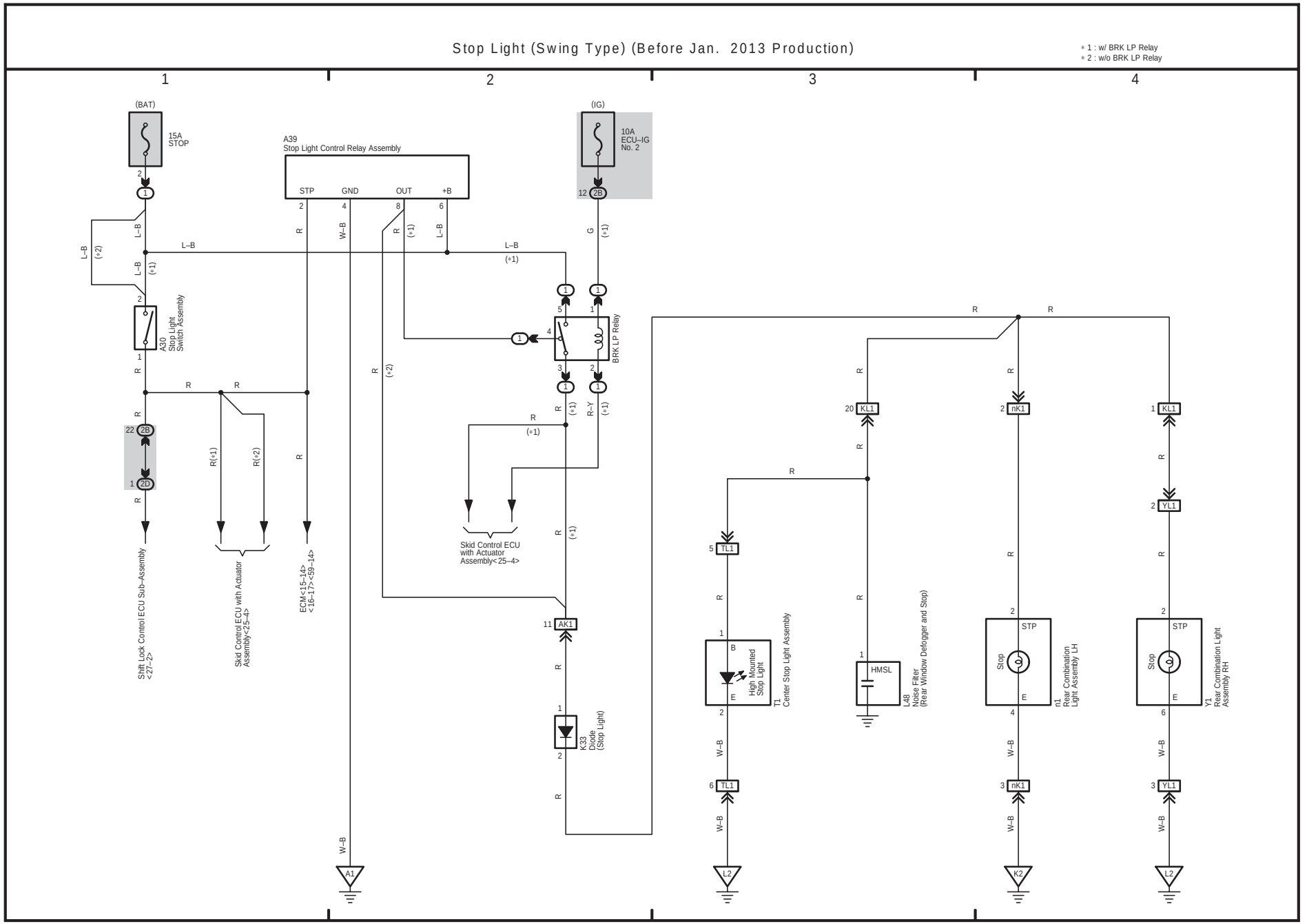


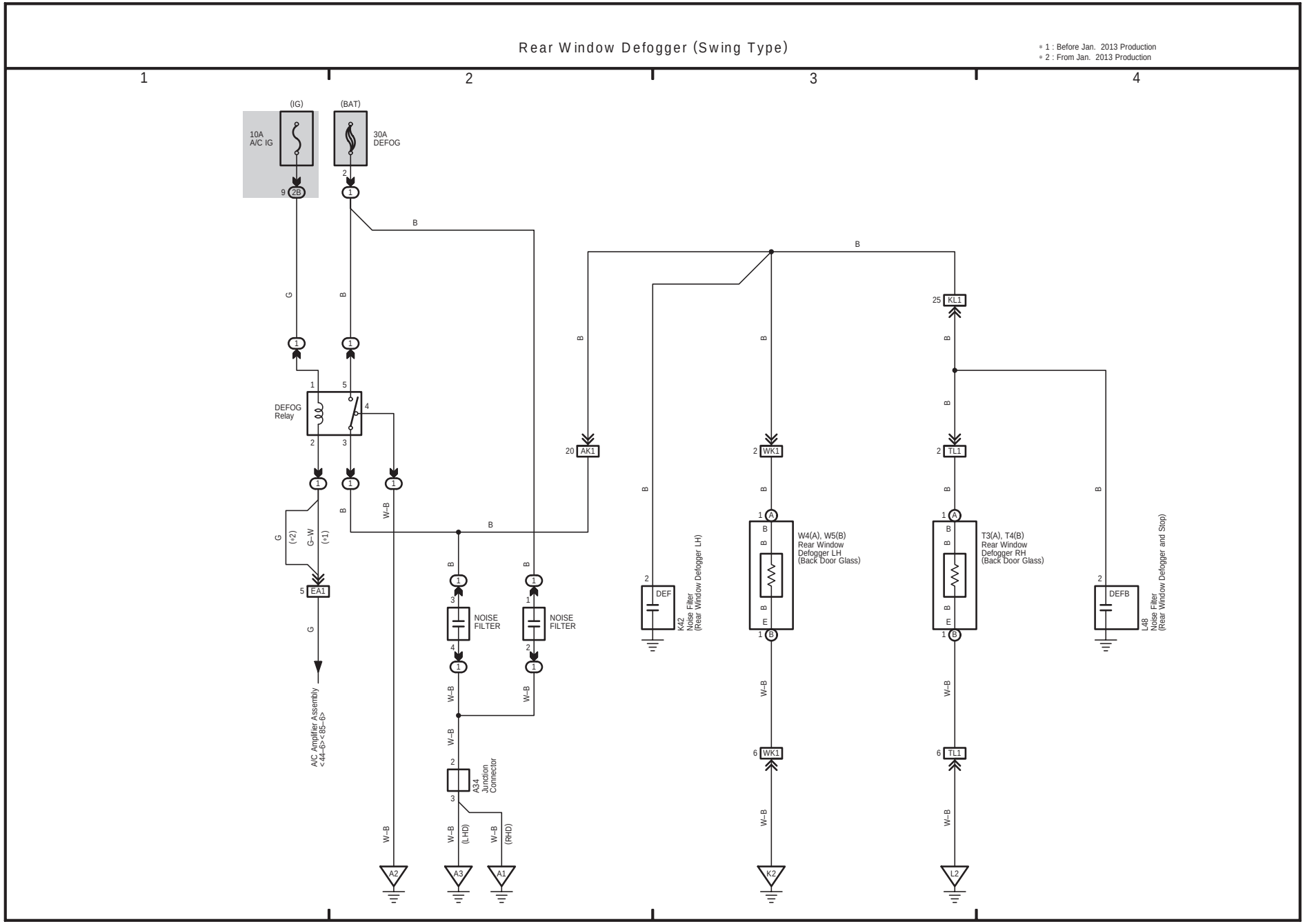
Dynamic Radar Cruise Control (3UR–FE) (Before Jan. 2013 Production)
or Cruise Control (3UR–FE) (Before Jan. 2013 Production)

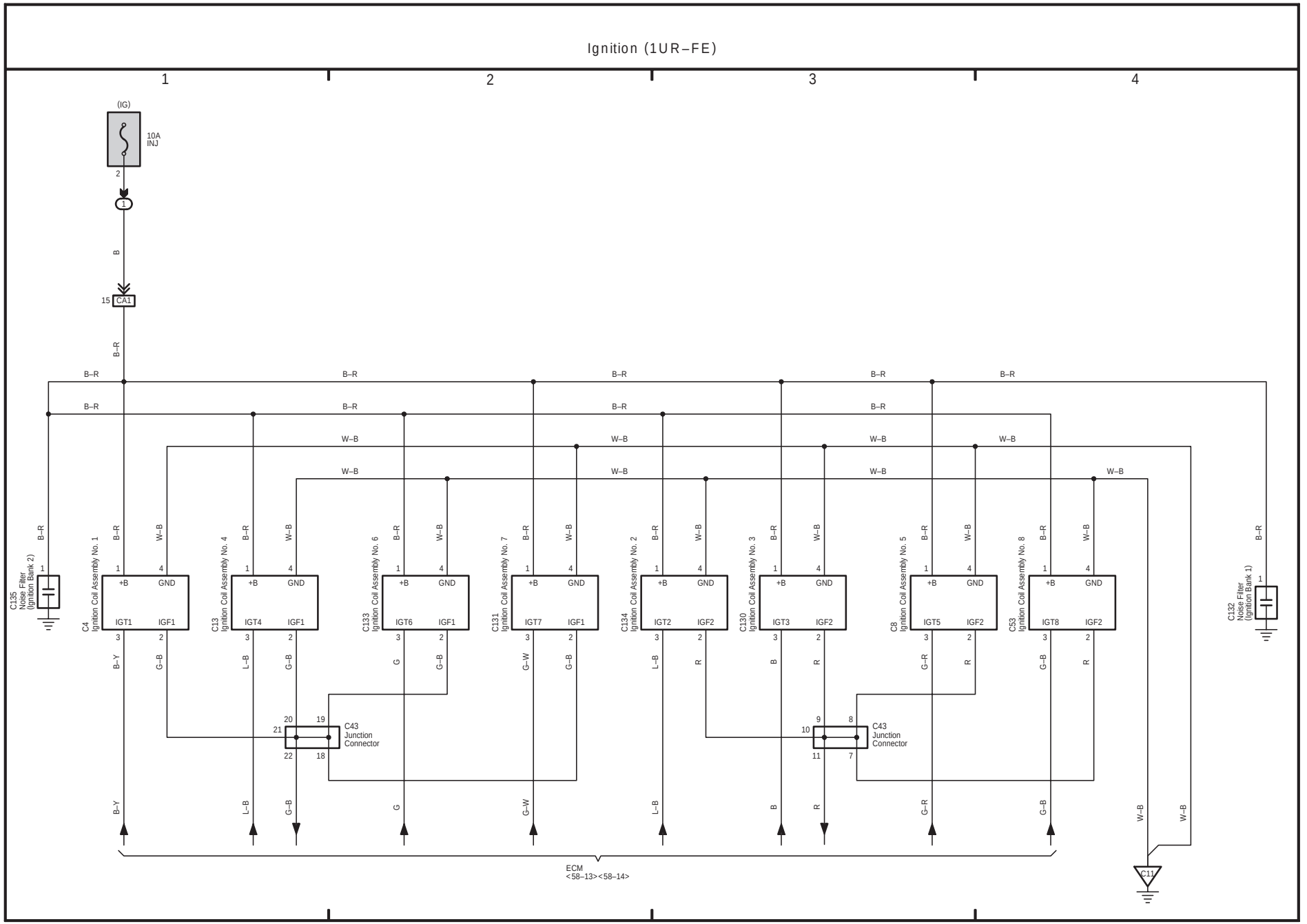



Starting (w/o Entry & Start System) (Before Jan. 2013 Production)
1
2
3
4
(BAT)
30A
ST
(BAT)
5A
AM1
47 2D
R
G–B
ACC
IG1
4 AM1
ST1 3
E93
Ignition or Starter
Switch Assembly
L
(*6)
L
(*5)
17 EA3
17 EA1
18 EA3 (LHD)
18 EA1 (RHD)
ECM
<16–17>
L (*5)
L (*6)
L (*2)
13 A
12 A
14 A
A37(A), C44(B)
Junction
Connector
20 B (*1)
22 B (*2)
19 B
21 B (*1)
20 B (*2)
L (*1)
L (M/T)
L (A/T)
ECM
<15–16><59–16>
Four Wheel Drive Control ECU
<26–3>
ST Relay
R–B
R–B
ECM<15–15>
<16–19><59–15>
B–W (*1)
B–W (*2)
8 CA2
1 AD1
B (*1)
B (*2)
1 DC2
W–B
4 CA1
34 CA3
L (*4)
3 eA1
L (*4)
L (*3)
1
2
e1
Clutch Start
Switch Assembly
1
2
A49
Clutch Start
Switch Assembly
4
B L
P
N
5
C24
Park/Neutral Position Switch
R (A/T)
R (M/T)
R (*4)
4 eA1
R–Y (*4)
R–Y (*3)
18 CA3
1 A (*1)
1 D (*2)
1 1
E F
(*2) (*1)
D2(A), D12(D),
D13(E), D14(F)
Starter
Assembly
M
B
(*2)
B
B
Battery
Battery
W–B
1
3
A34
Junction
Connector
W–B (RHD)
W–B (LHD)
A1
A3
∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : LHD M/T
∗ 4 : RHD M/T
∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production


Engine Immobiliser System (w/o Entry & Start System)
* 1 : Before Jan. 2012 Production
* 2 : From Jan. 2012 Production
* 3 : Before Jan. 2013 Production
* 4 : From Jan. 2013 Production
1
2
3
4
(BAT)
7. 5A
IMB
(IG)
10A
IGN
ECM<15–14>
<16–18><59–14>
<79–18><91–14>
Front Door Courtesy
Light Switch Assembly LH
<3–26><76–26>
Front Door Courtesy
Light Switch Assembly RH
<3–27><76–27>
E61
Junction Connector
E58
Junction
Connector
E61
Junction
Connector
E96
Transponder Key ECU Assembly
+B
IG
EFII
EFIO
CTY
TXCT
VC5
CODE
AGND
D
IND
KSW
GND
E95
Transponder Key Amplifier
Transponder Key Coil
ANT1
ANT2
DLC3
<17–3>
Clock Assembly
<36–2>
Un–Lock Warning Switch
Assembly<3–48><76–48>
E56
Junction
Connector
E2
(LHD)
(RHD *3)
(RHD *4)


Stop Light (Swing Type) (Before Jan. 2013 Production)
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay
1
2
3
4
(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
A30
Stop Light
Switch Assembly
BRK LP Relay
Shift Lock Control ECU Sub–Assembly
<27–2>
Skid Control ECU with Actuator
Assembly<25–4>
ECM<15–14>
<16–17><59–14>
Skid Control ECU
with Actuator
Assembly< 25–4>
K33
Diode
(Stop Light)
High Mounted
Stop Light
T1
Center Stop Light Assembly
HMSL
L48
Noise Filter
(Rear Window Defogger and Stop)
n1
Rear Combination
Light Assembly LH
Y1
Rear Combination Light
Assembly RH
Stop
STP
A1
K2
L2

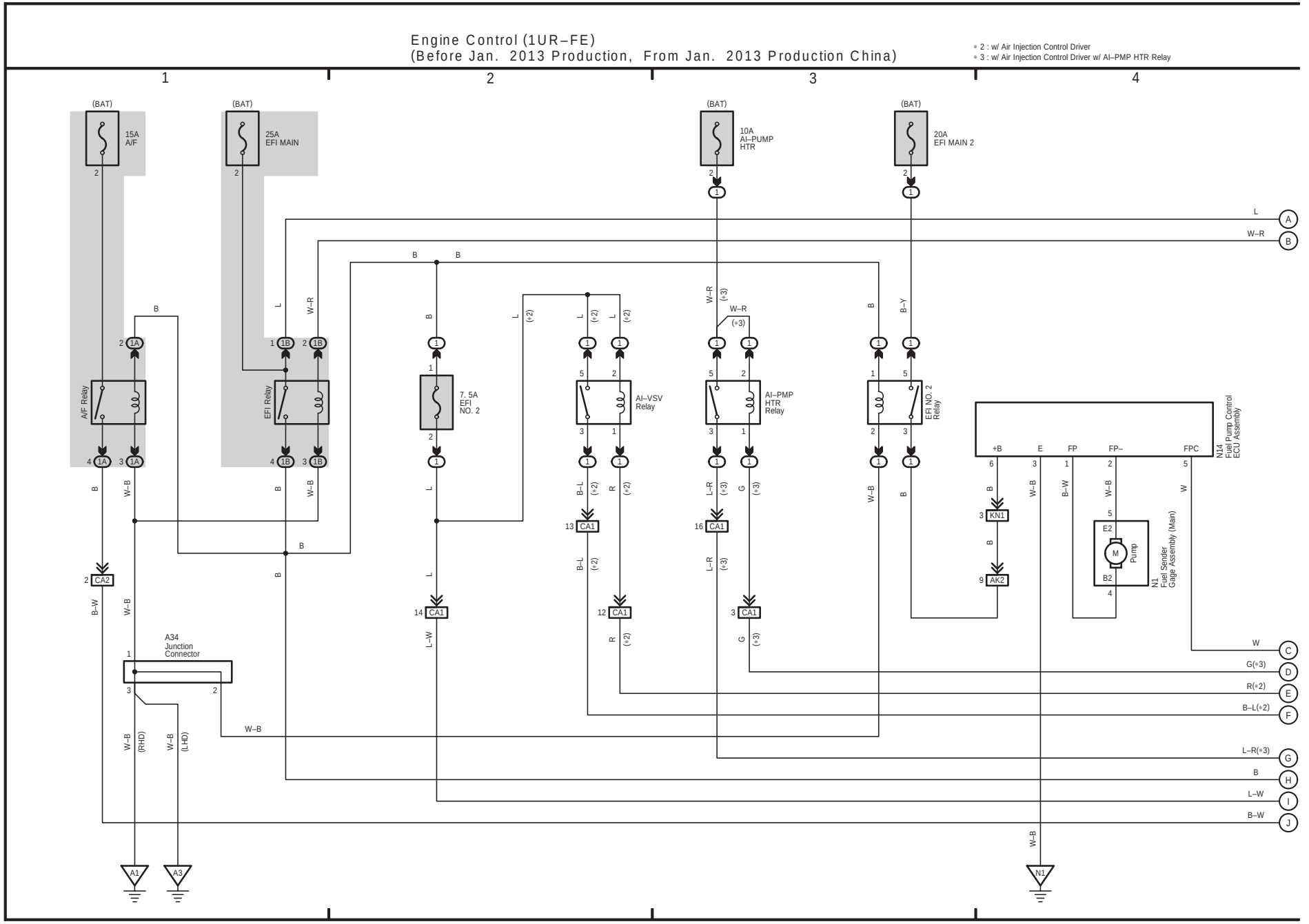

Rear Window Defogger (Swing Type)
* 1 : Before Jan. 2013 Production
* 2 : From Jan. 2013 Production
1
2
3
4
(IG)
(BAT)
10A
A/C IG
30A
DEFOG
9 2B
2
1
B
G
B
DEFOG
Relay
1
5
4
2
3
20 AK1
2 WK1
25 KL1
2 TL1
G
(+2)
G–W
(+1)
5 EA1
W–B
NOISE
FILTER
NOISE
FILTER
A/C Amplifier Assembly
<44–6><85–6>
2
A34
Junction
Connector
3
W–B
(LHD)
W–B
(RHD)
A2
A3
A1
DEF
K42
Noise Filter
(Rear Window Defogger LH)
W4(A), W5(B)
Rear Window
Defogger LH
(Back Door Glass)
T3(A), T4(B)
Rear Window
Defogger RH
(Back Door Glass)
6 WK1
6 TL1
K2
L2
DEFB
L48
Noise Filter
(Rear Window Defogger and Stop)


Ignition (1UR–FE)
1
2
3
4
(IG)
10A
INJ
2
1
B
15 CA1
B–R
B–R
W–B
C135
Noise Filter
(Ignition Bank 2)
C4
Ignition Coil Assembly No. 1
C13
Ignition Coil Assembly No. 4
C133
Ignition Coil Assembly No. 6
C131
Ignition Coil Assembly No. 7
C134
Ignition Coil Assembly No. 2
C130
Ignition Coil Assembly No. 3
C8
Ignition Coil Assembly No. 5
C53
Ignition Coil Assembly No. 8
+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
IGT2
IGF2
IGT3
IGT5
IGT8
C132
Noise Filter
(Ignition Bank 1)
B–Y
L–B
G–B
G
G–W
B
R
G–R
C43
Junction
Connector
C11
ECM
<58–13><58–14>

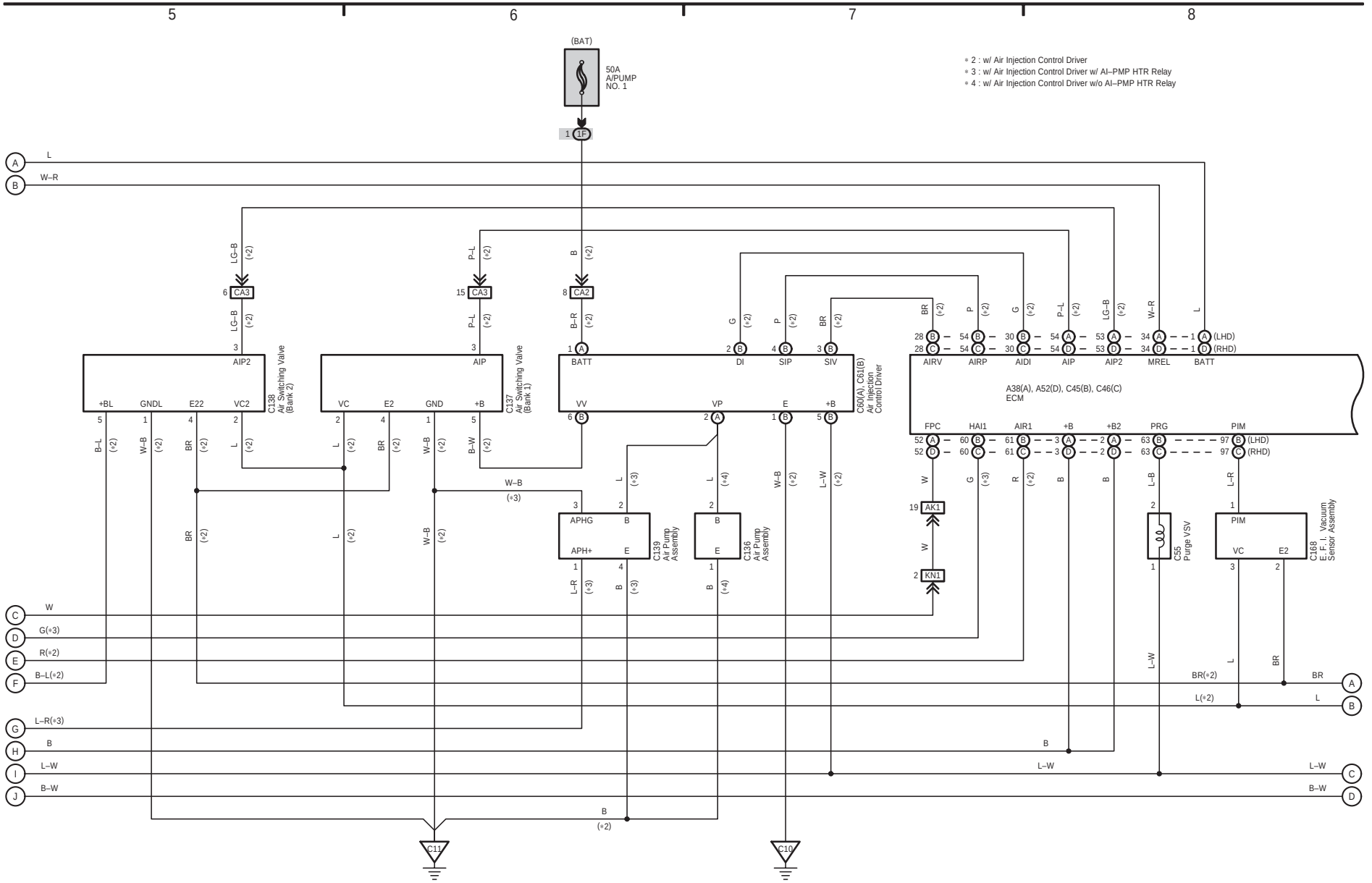
(Cont. next page)

Engine Control (1UR–FE)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

* 2 : w/ Air Injection Control Driver
* 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay



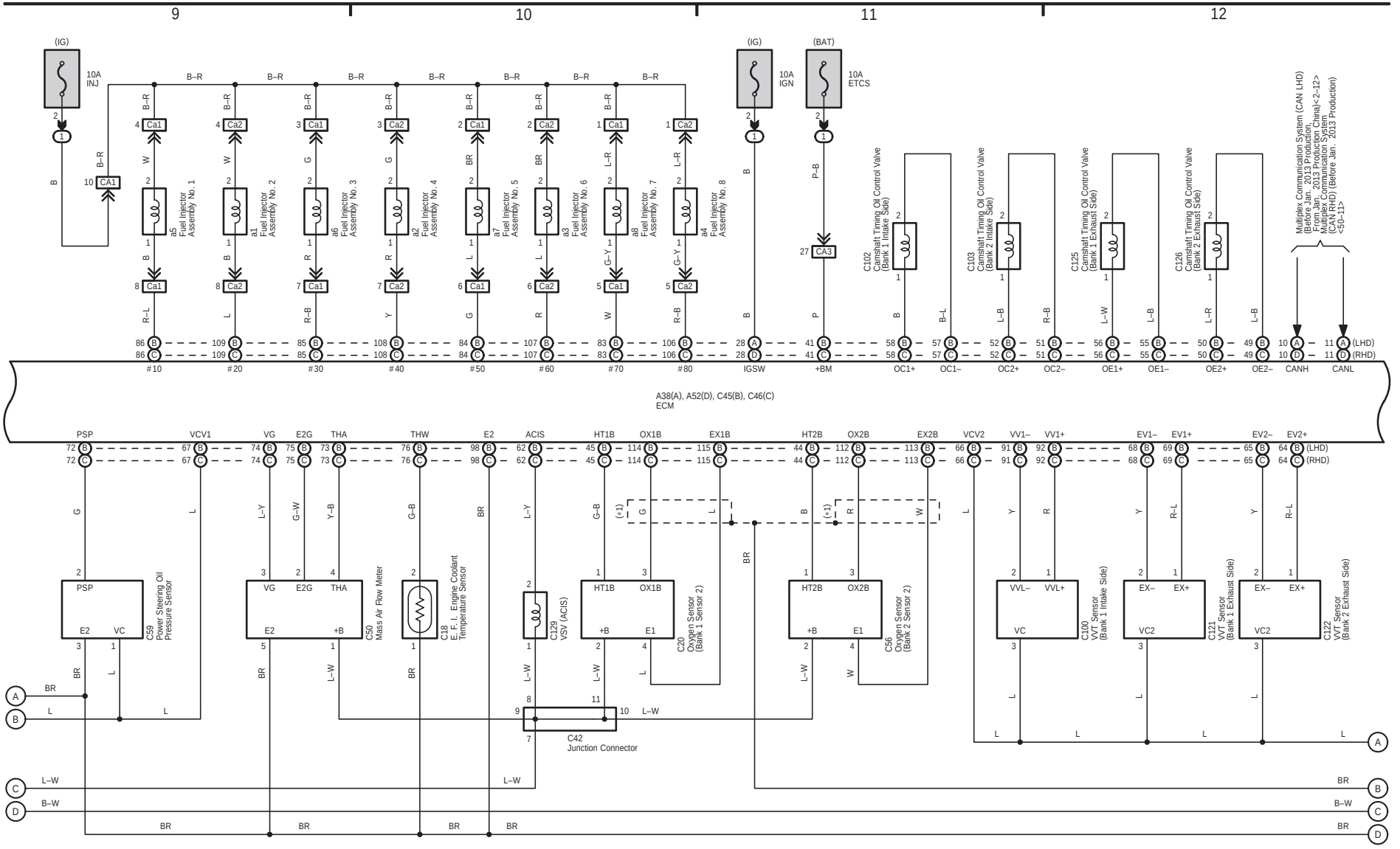
Engine Control (1UR–FE)
(Before Jan. 2013 Production, From Jan. 2013 Production China)



(Cont. next page)

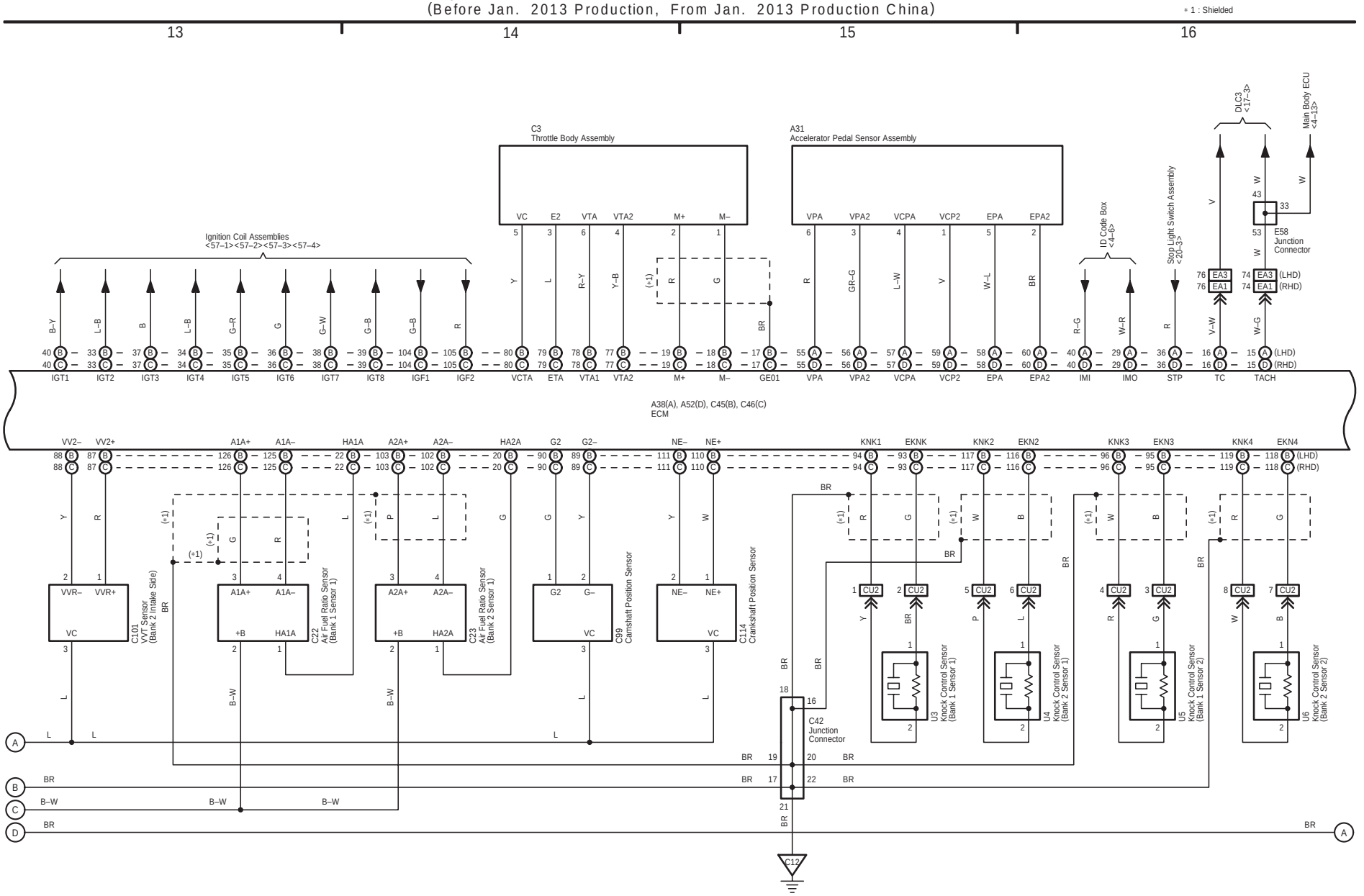
Engine Control (1UR–FE)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

∗ 1 : Shielded

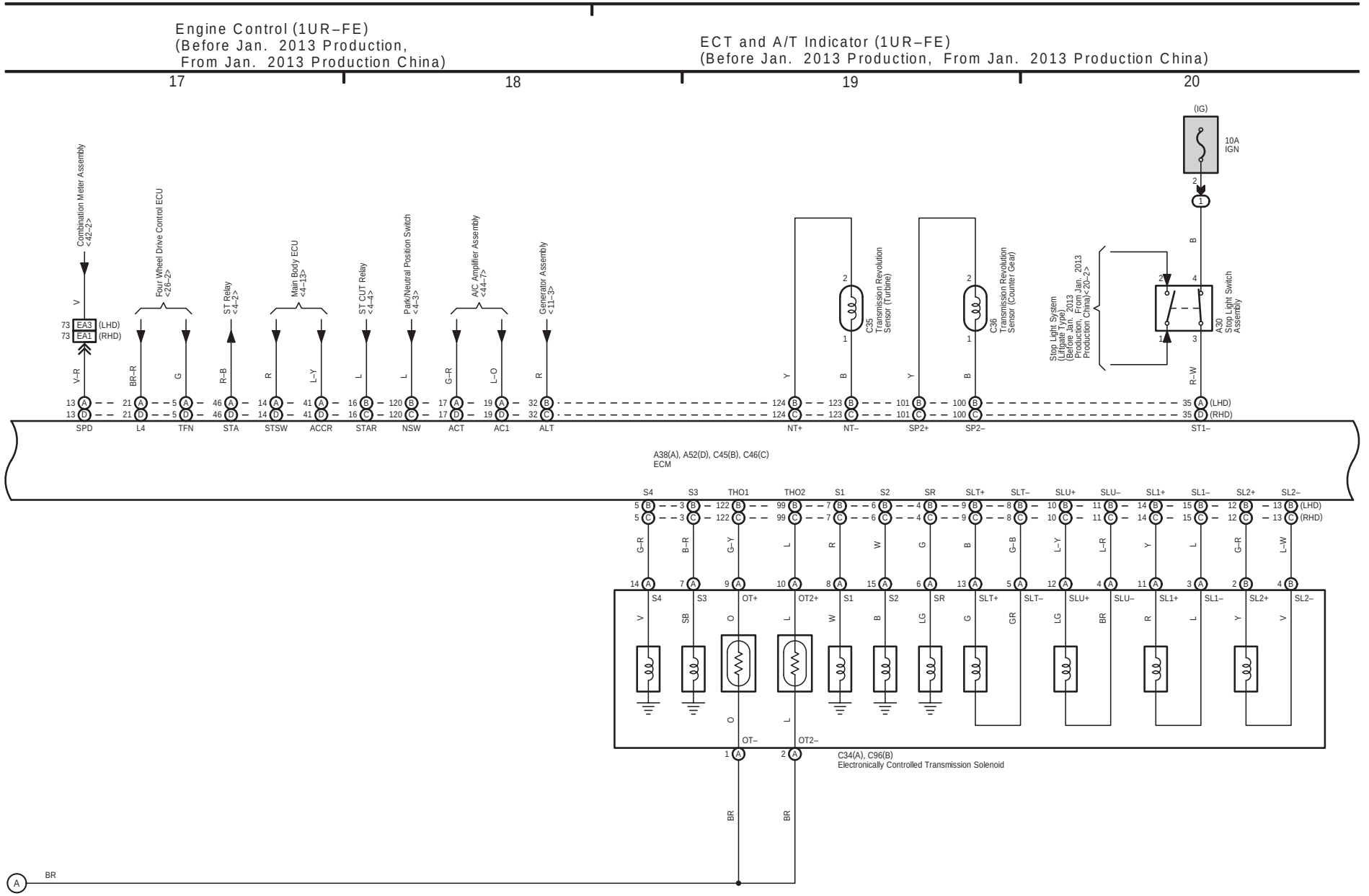


(Cont. next page)

Engine Control (1UR–FE)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

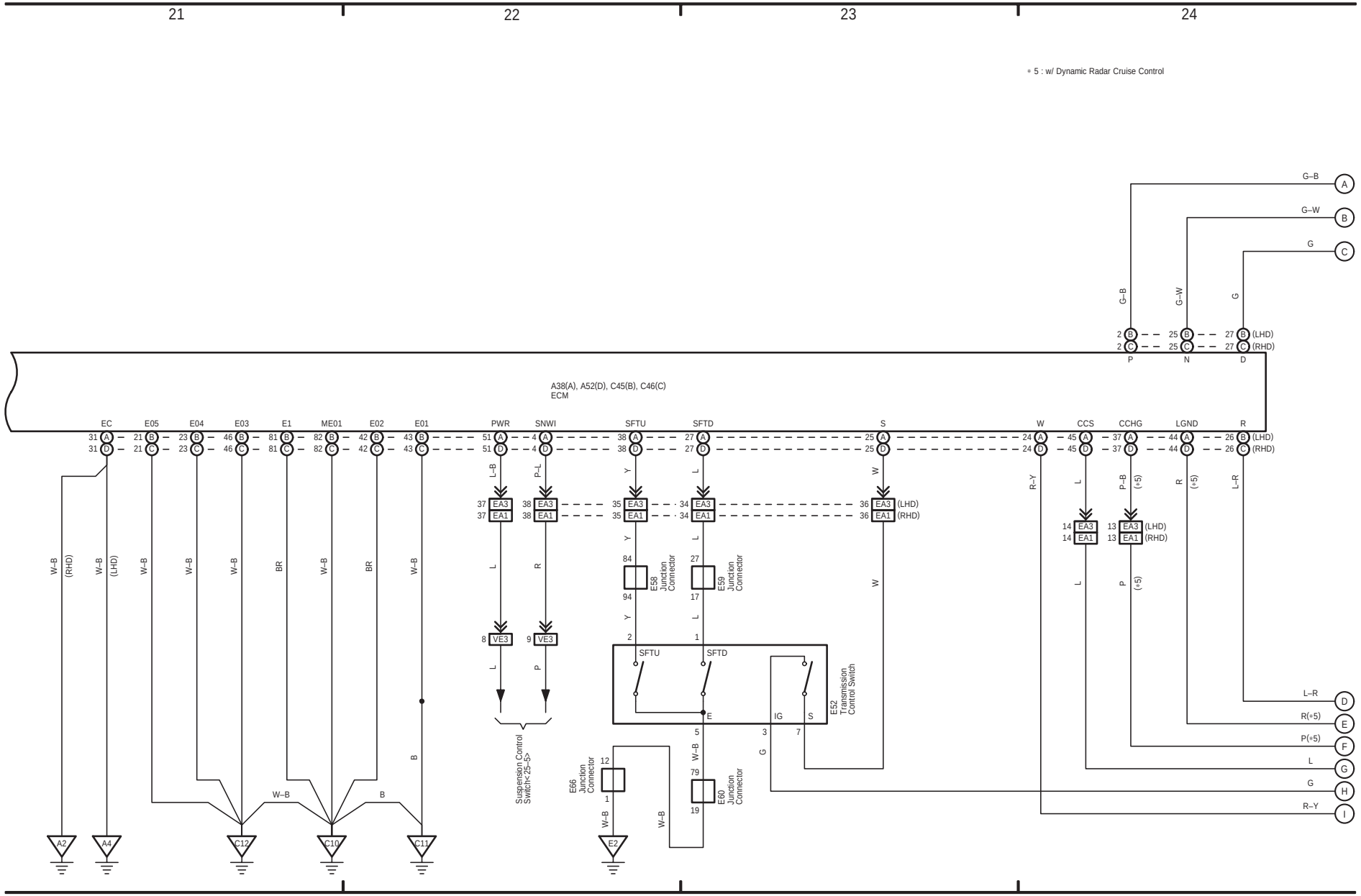


(Cont. next page)



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ECT and A/T Indicator (1UR–FE)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

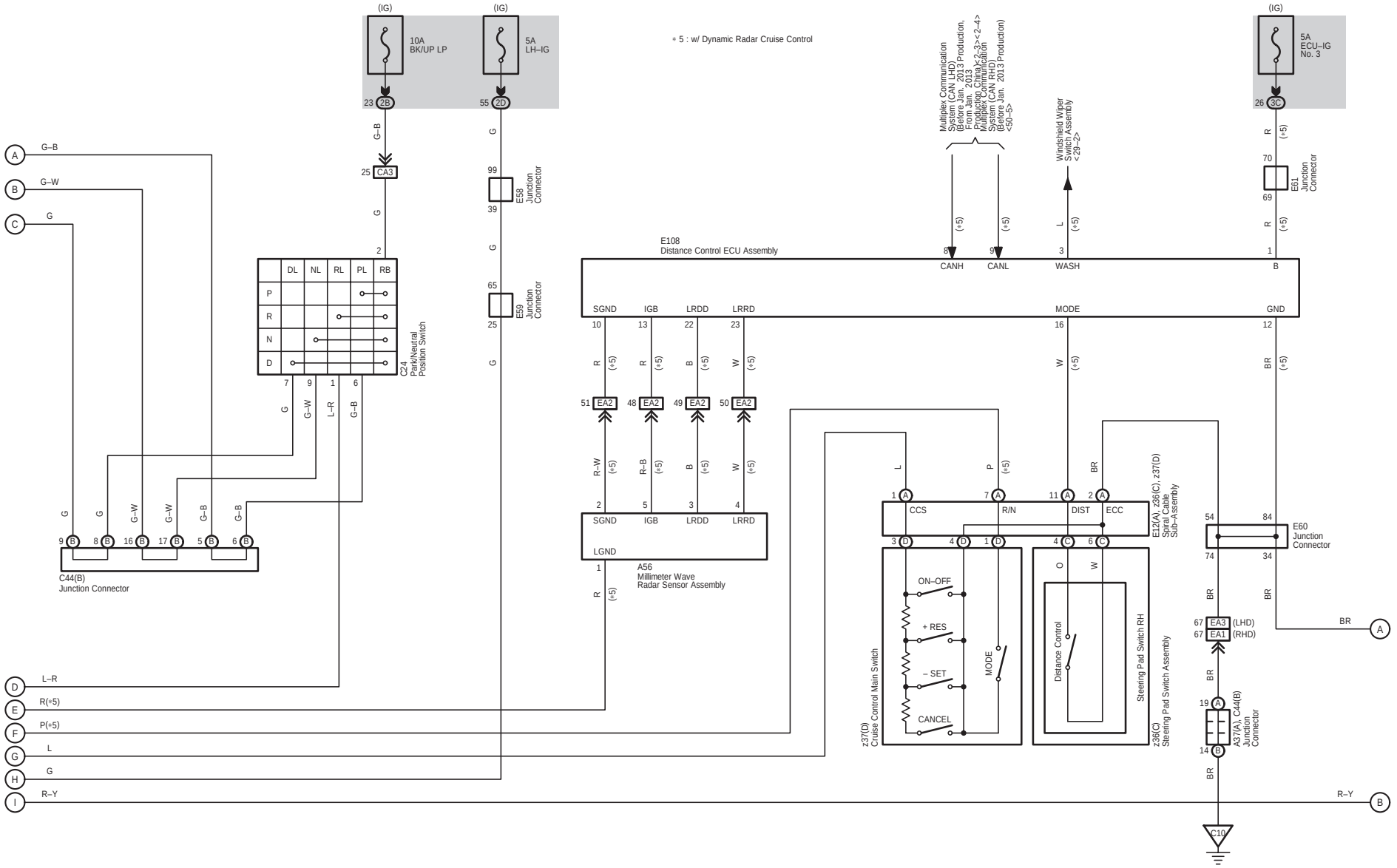


(Cont. next page)

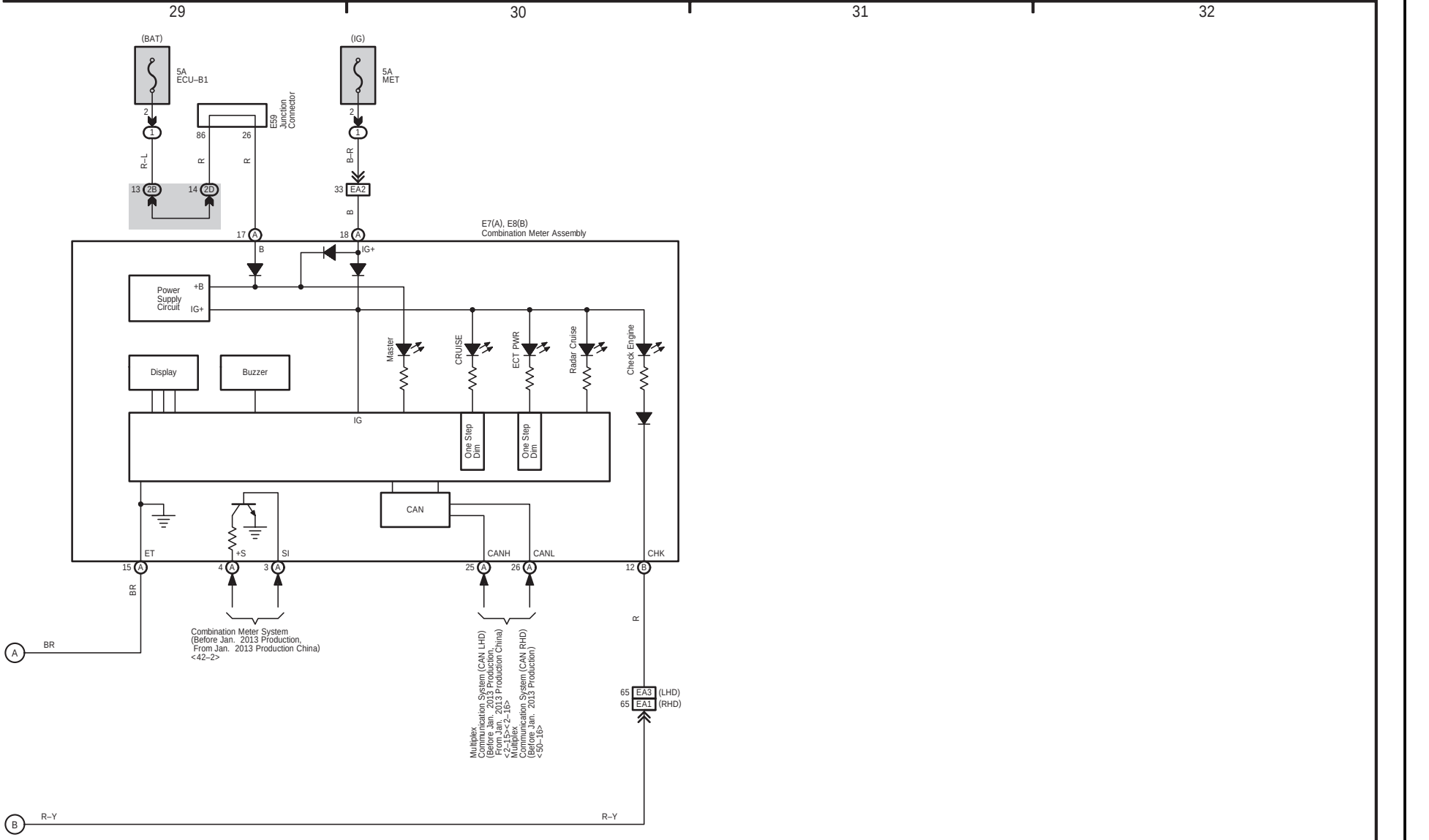
ECT and A/T Indicator (1UR–FE)
(Before Jan. 2013 Production,
From Jan. 2013 Production China)

Dynamic Radar Cruise Control (1UR–FE) (Before Jan. 2013 Production,
From Jan. 2013 Production China) or Cruise Control (1UR–FE)
(Before Jan. 2013 Production, From Jan. 2013 Production China)

25 26 27 28



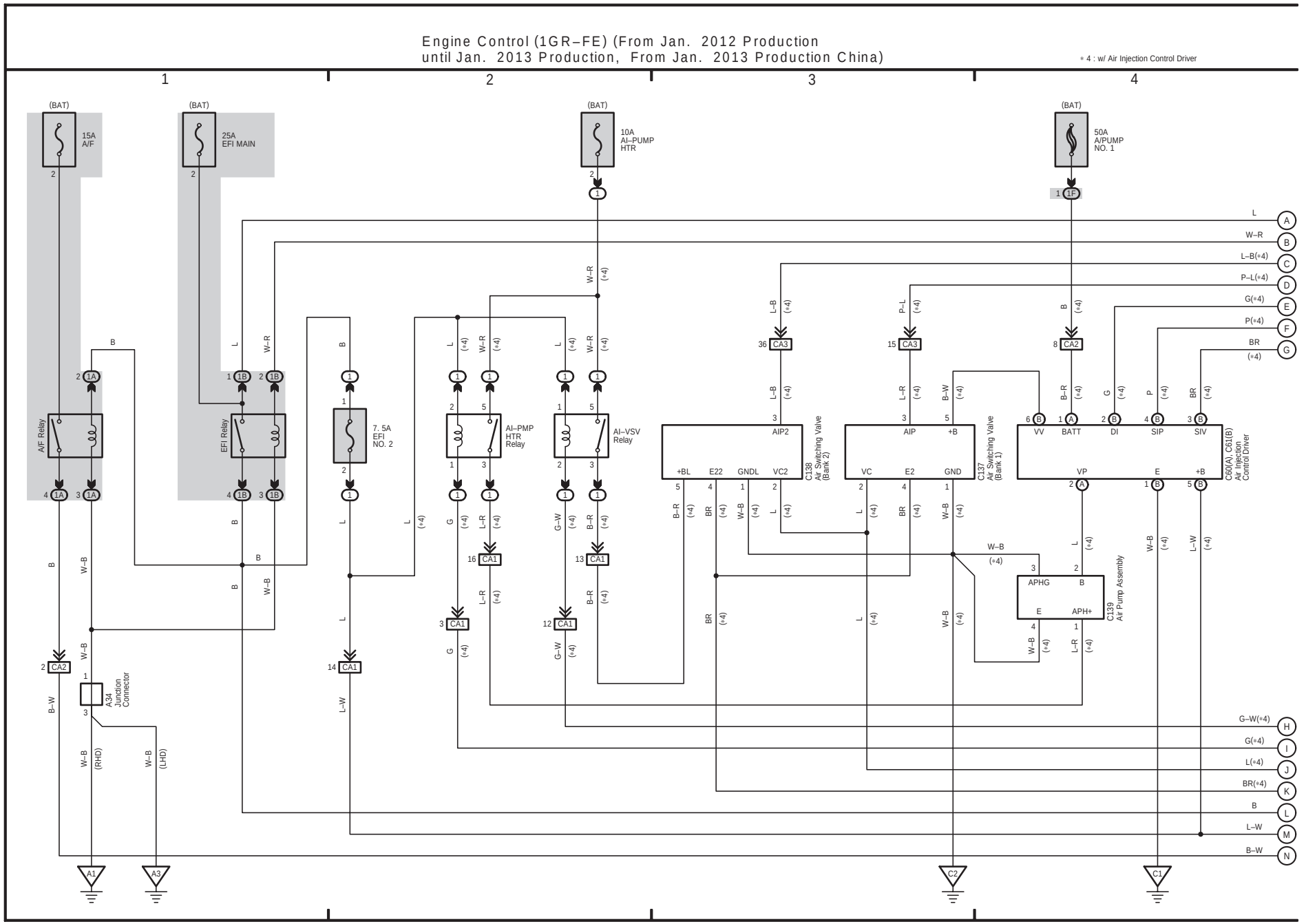
Dynamic Radar Cruise Control (1UR–FE) (Before Jan. 2013 Production, From Jan. 2013 Production China) or Cruise Control (1UR–FE) (Before Jan. 2013 Production, From Jan. 2013 Production China)



(Cont. next page)

Engine Control (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)

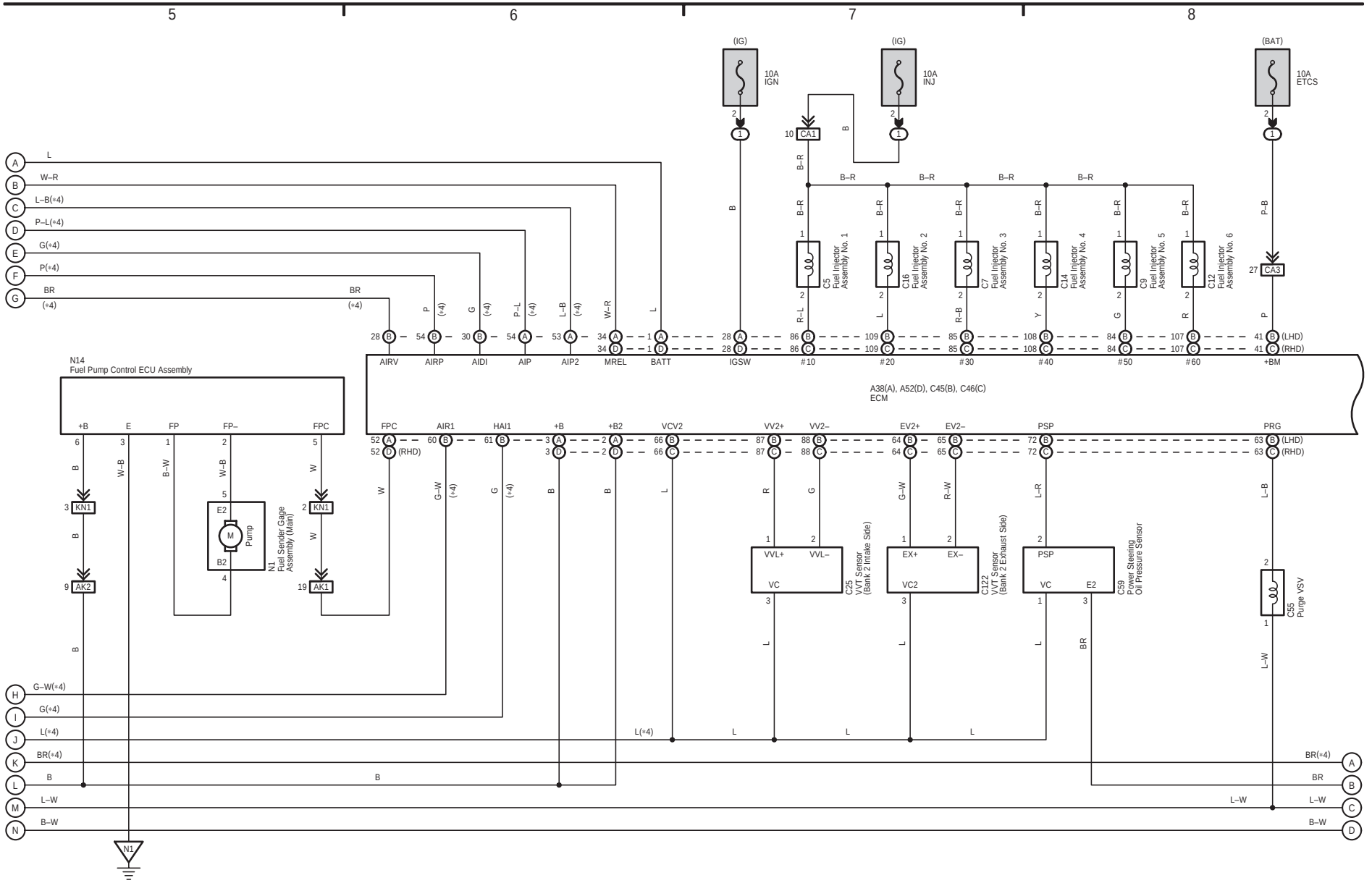
∗ 4 : w/ Air Injection Control Driver



(Cont. next page)

Engine Control (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)

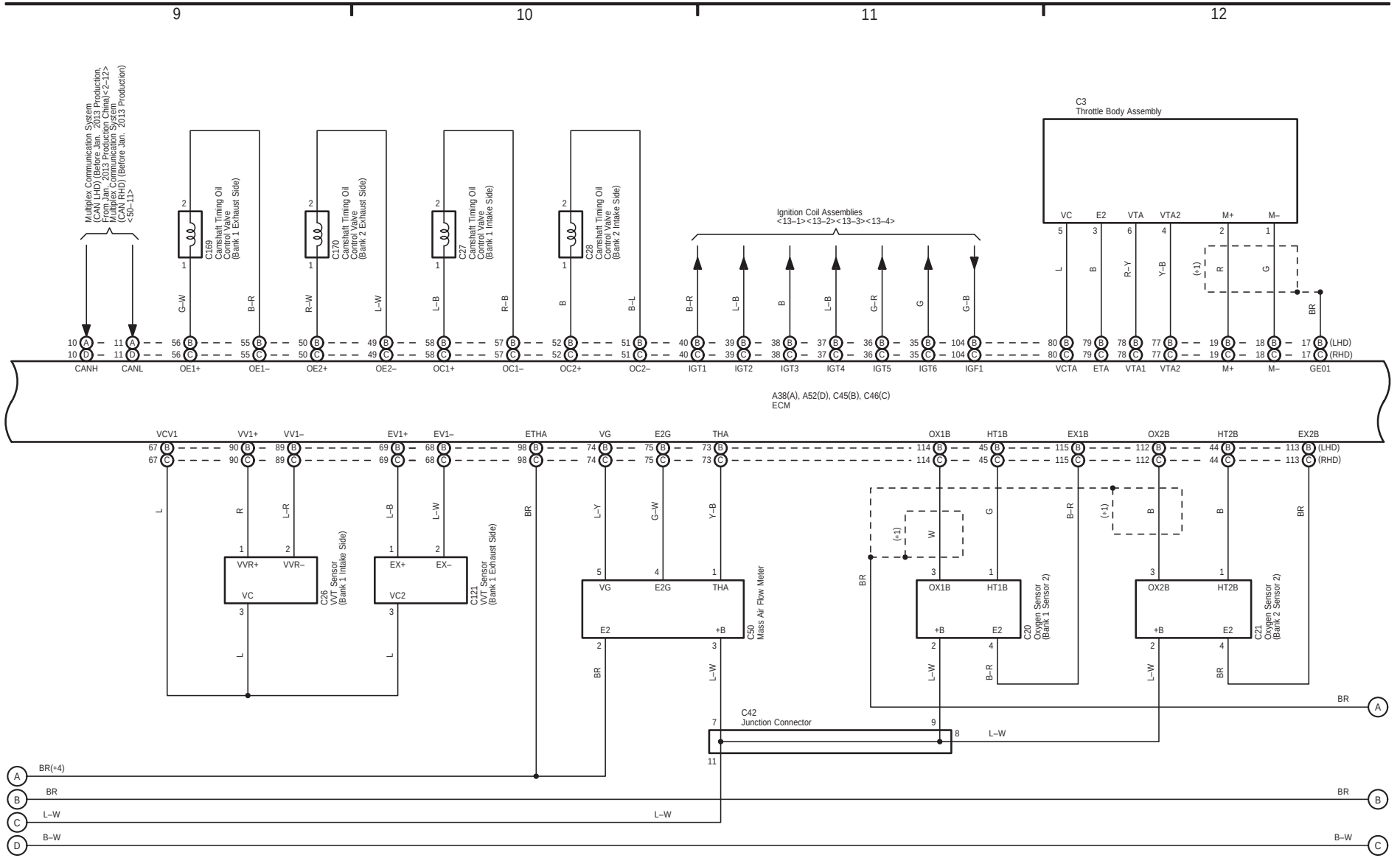
∗4 : w/ Air Injection Control Driver



(Cont. next page)

Engine Control (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)

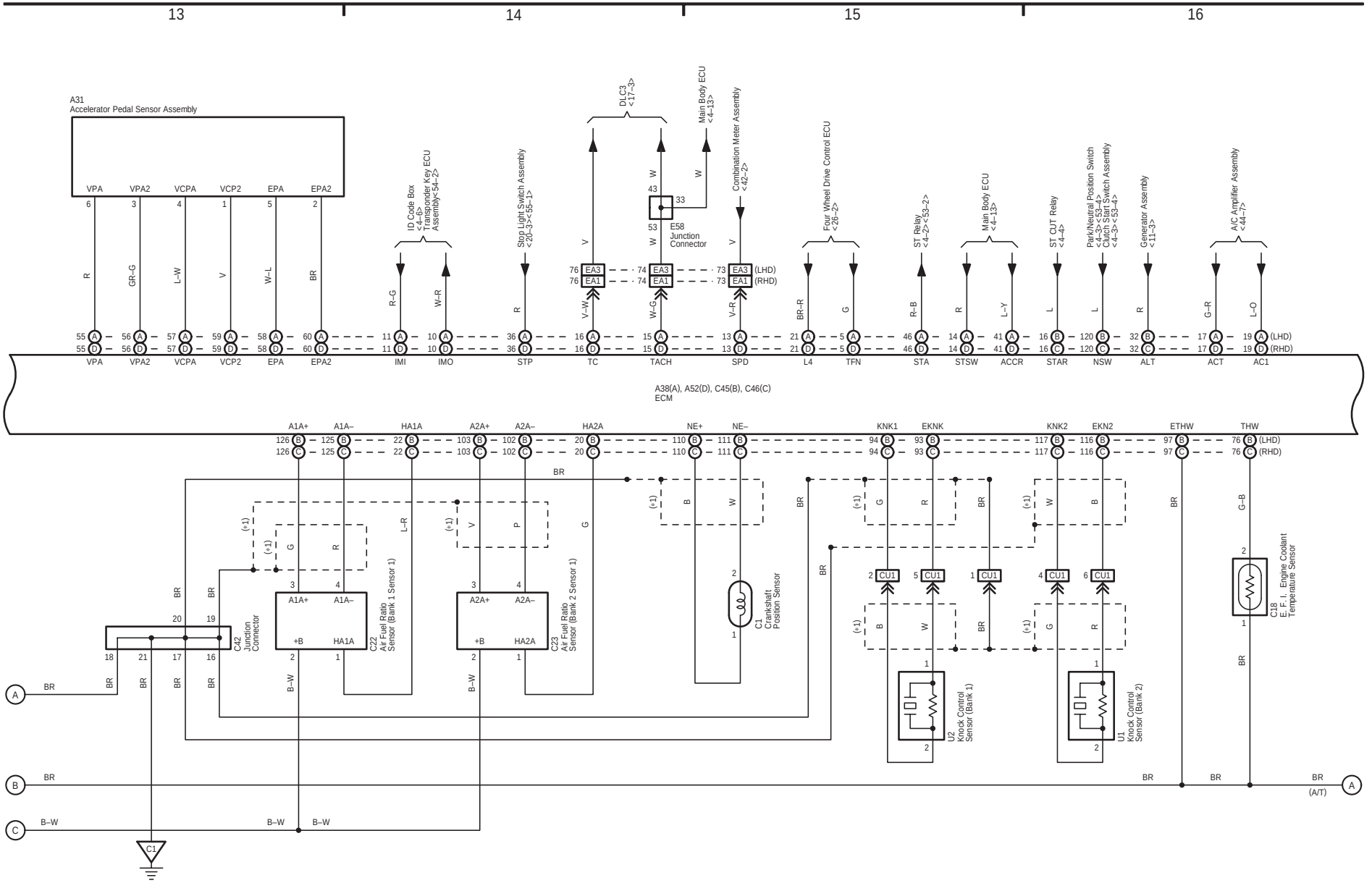
∗ 1 : Shielded
∗ 4 : w/ Air Injection Control Driver



(Cont. next page)

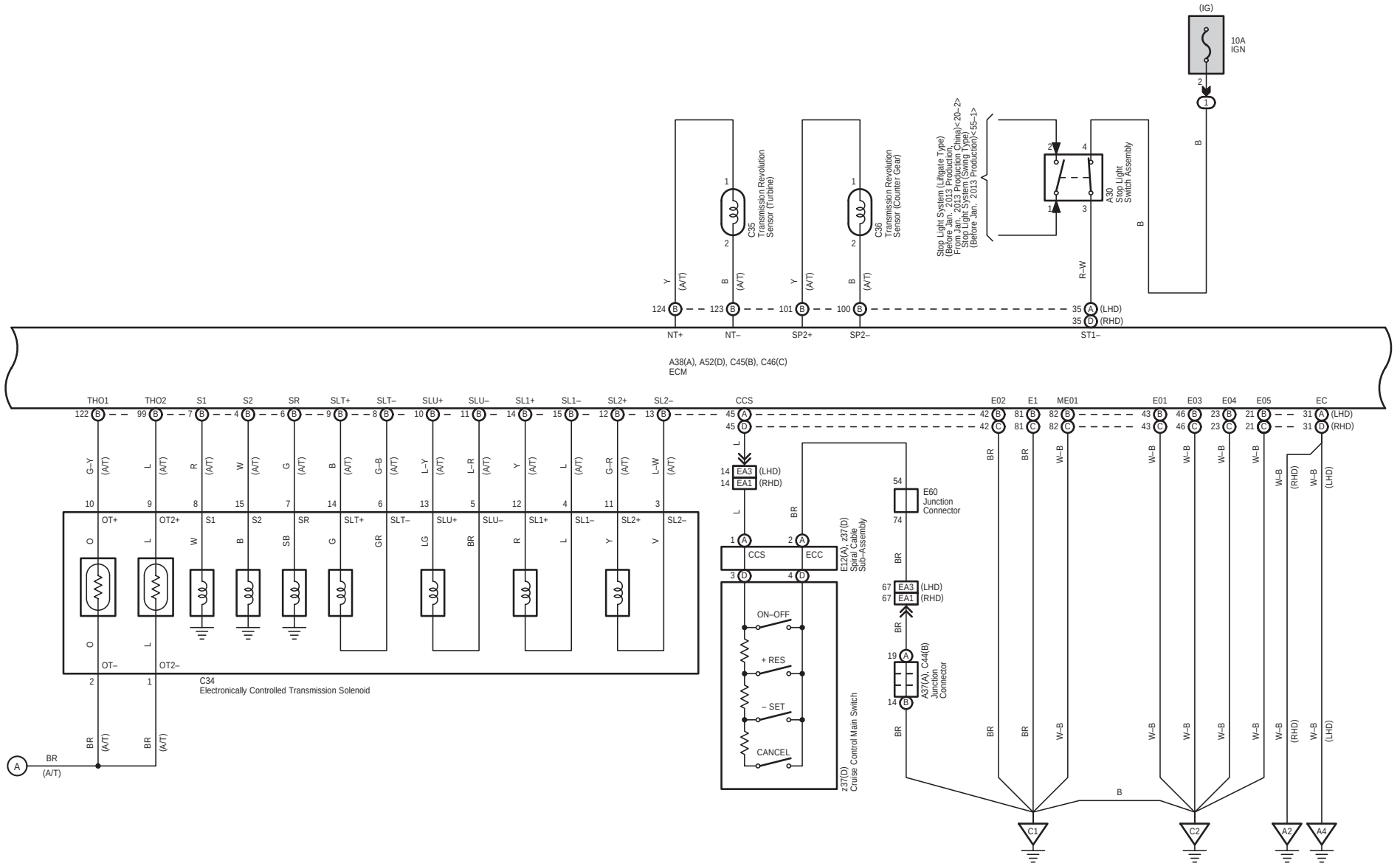
Engine Control (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)

* 1 : Shielded



(Cont. next page)

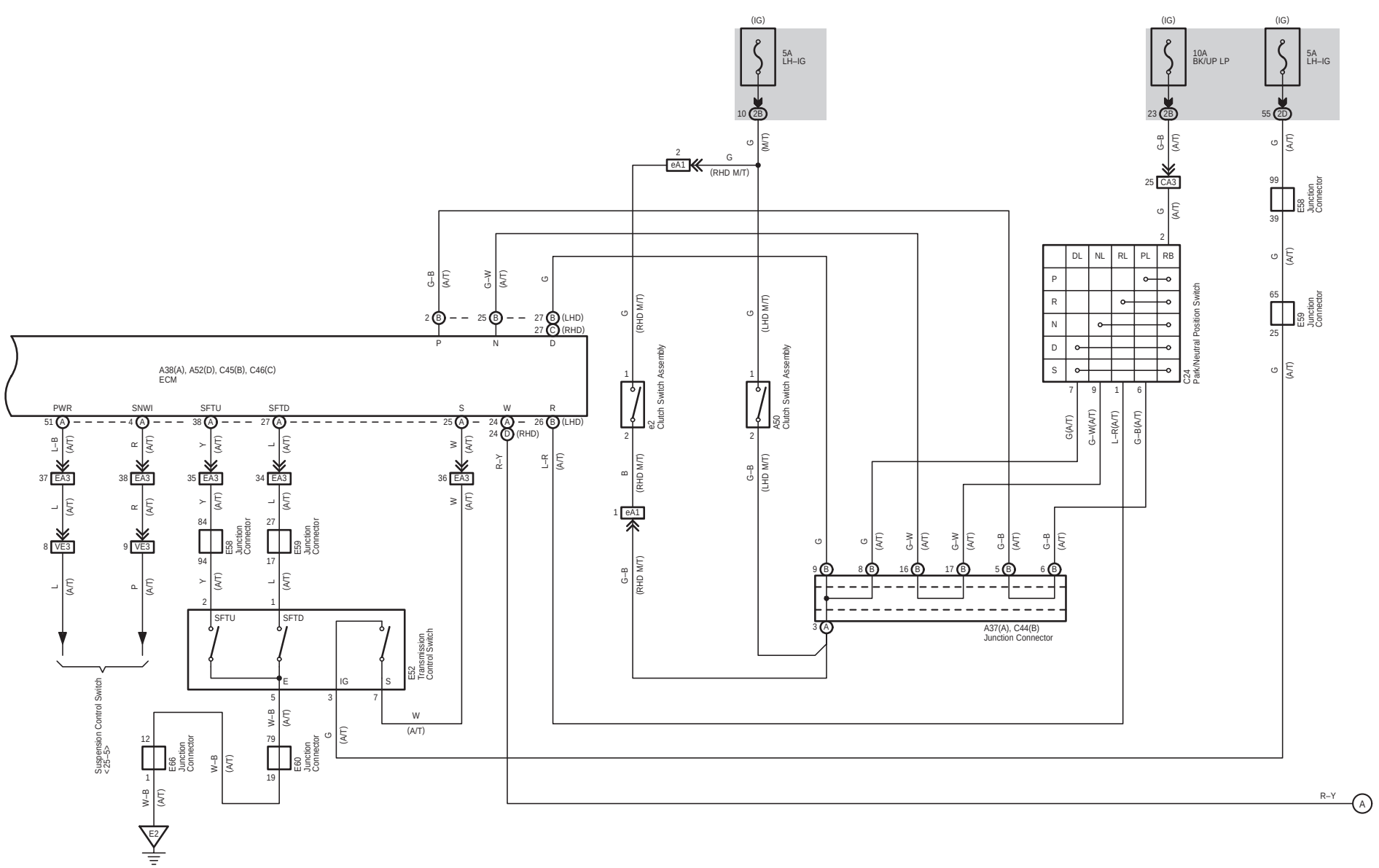
Cruise Control (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)



LAND CRUISER Station Wagon (EM2660E)

(Cont. next page)

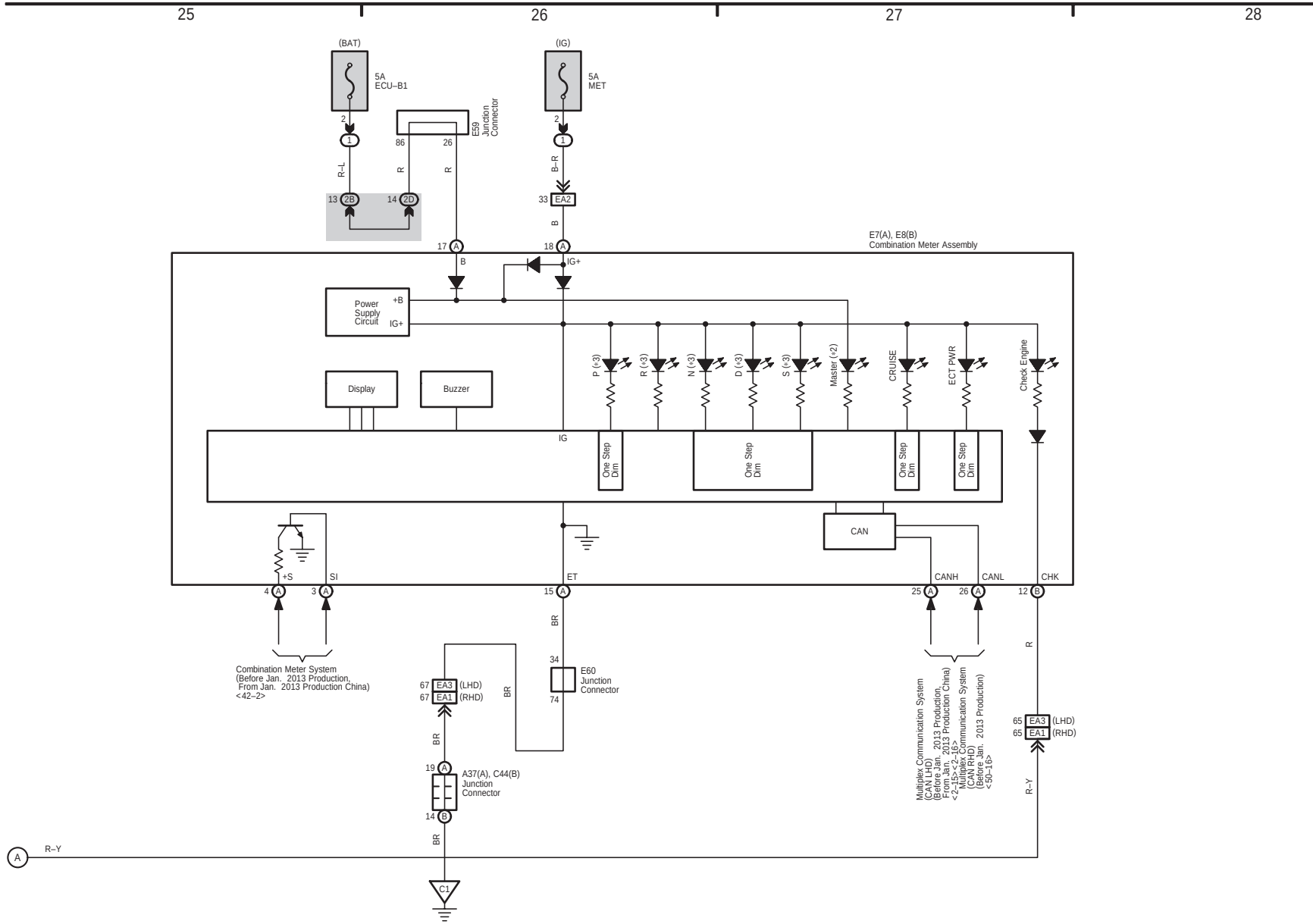
ECT and A/T Indicator (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)



59 LAND CRUISER Station Wagon (Cont' d)

ECT and A/T Indicator (1GR–FE) (From Jan. 2012 Production until Jan. 2013 Production, From Jan. 2013 Production China)

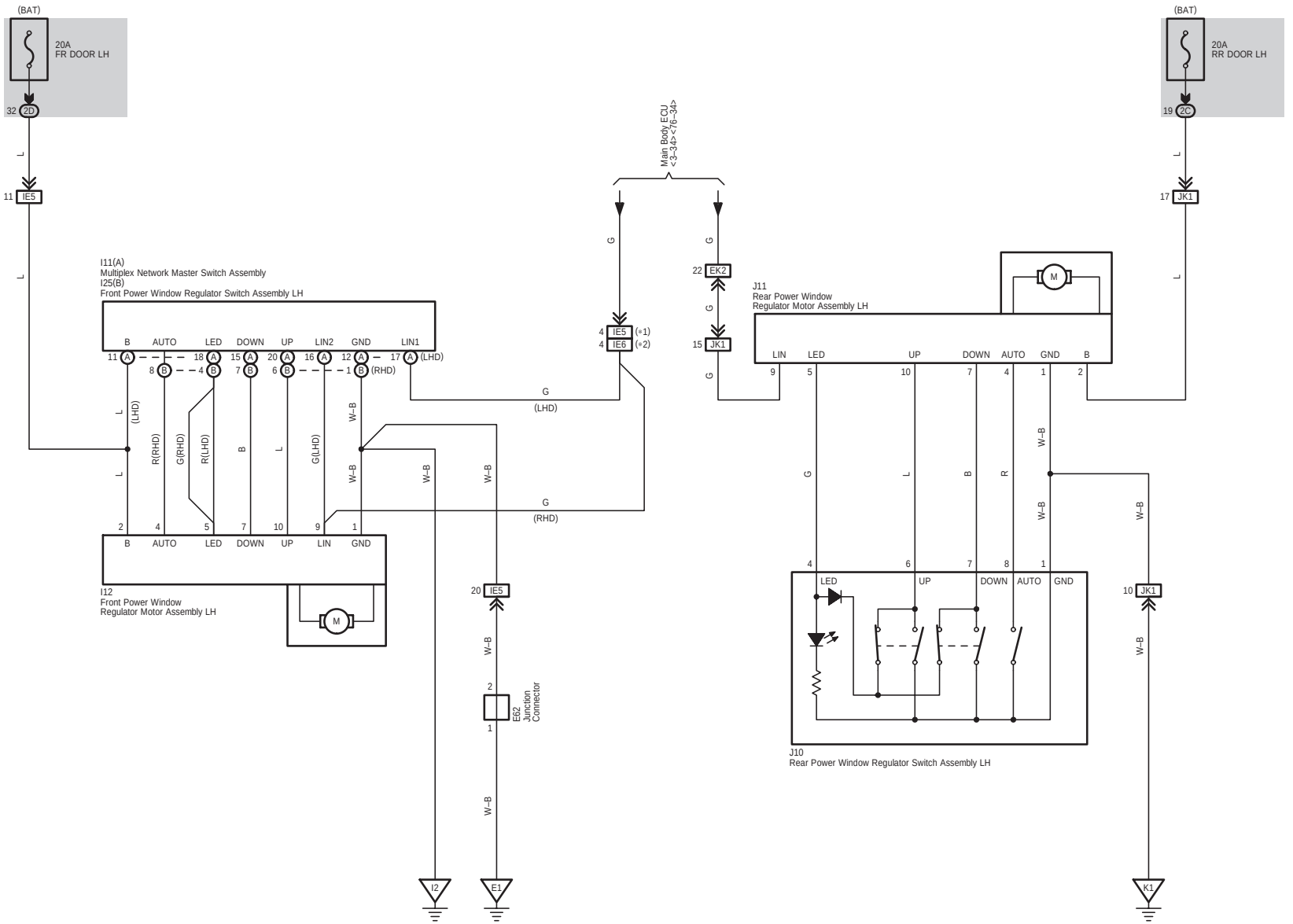
* 2 : Optitron Meter
* 3 : Except Optitron Meter

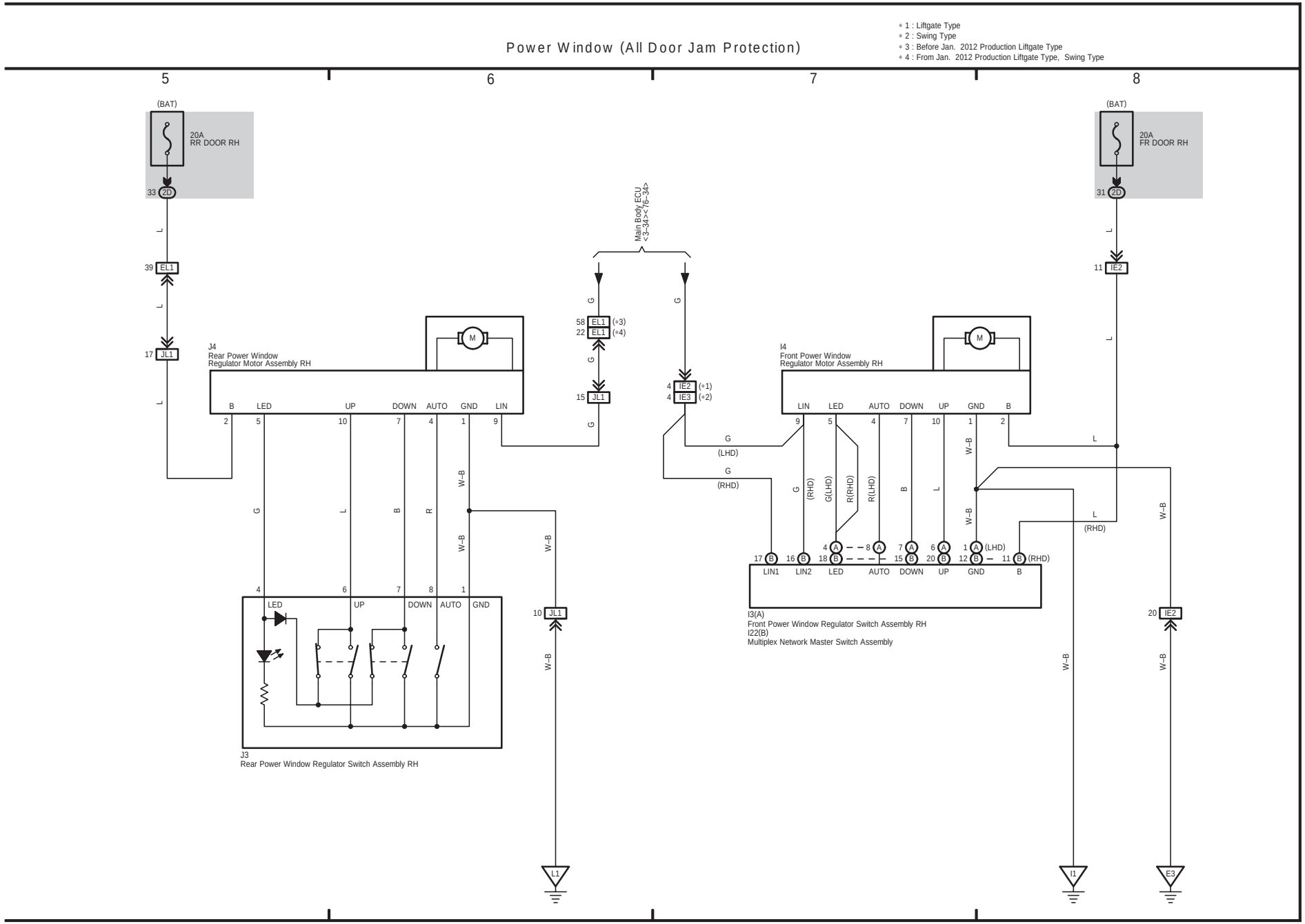


(Cont. next page)

Power Window (All Door Jam Protection)

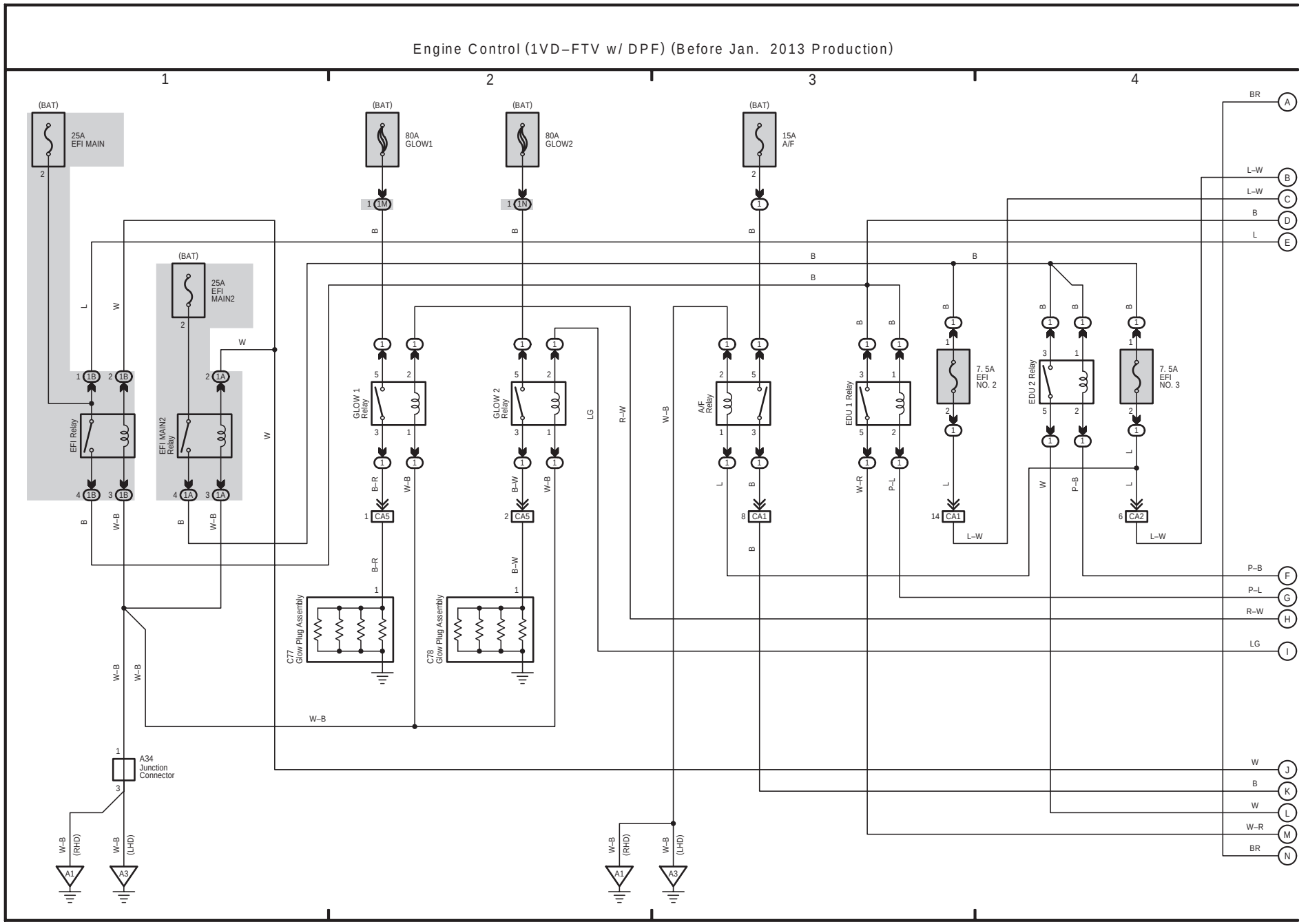
* 1 : Liftgate Type
* 2 : Swing Type




Power Window (All Door Jam Protection)
* 1 : Liftgate Type
* 2 : Swing Type
* 3 : Before Jan. 2012 Production Liftgate Type
* 4 : From Jan. 2012 Production Liftgate Type, Swing Type
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
<3-34><76-34>
58 EL1 (*3)
22 EL1 (*4)
15 JL1
4 IE2 (*1)
4 IE3 (*2)
G
G (LHD)
G (RHD)
L
W-B
J3
Rear Power Window Regulator Switch Assembly RH
4 6 7 8 1
LED UP DOWN AUTO GND
10 JL1
L1
I4
Front Power Window
Regulator Motor Assembly RH
LIN LED AUTO DOWN UP GND B
9 5 4 7 10 1 2
G (RHD)
G(LHD)
R(RHD)
R(LHD)
B
L
W-B
L (RHD)
I3(A)
Front Power Window Regulator Switch Assembly RH
I22(B)
Multiplex Network Master Switch Assembly
17 16 18 4 8 7 6 1 (LHD)
12 11 (RHD)
LIN1 LIN2 LED AUTO DOWN UP GND B
(BAT)
20A
FR DOOR RH
31 2D
11 IE2
20 IE2
I1
E3

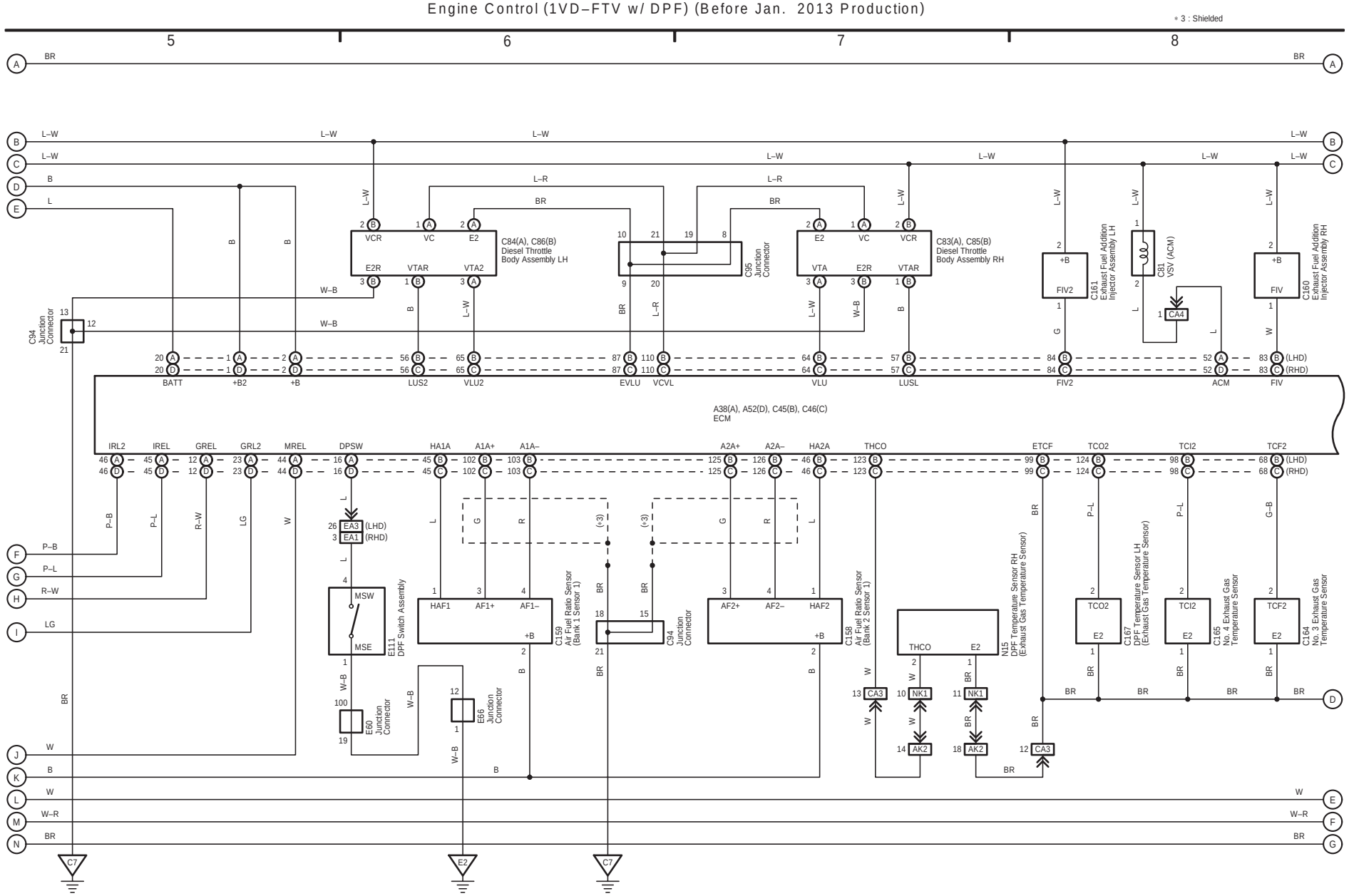
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (Before Jan. 2013 Production)



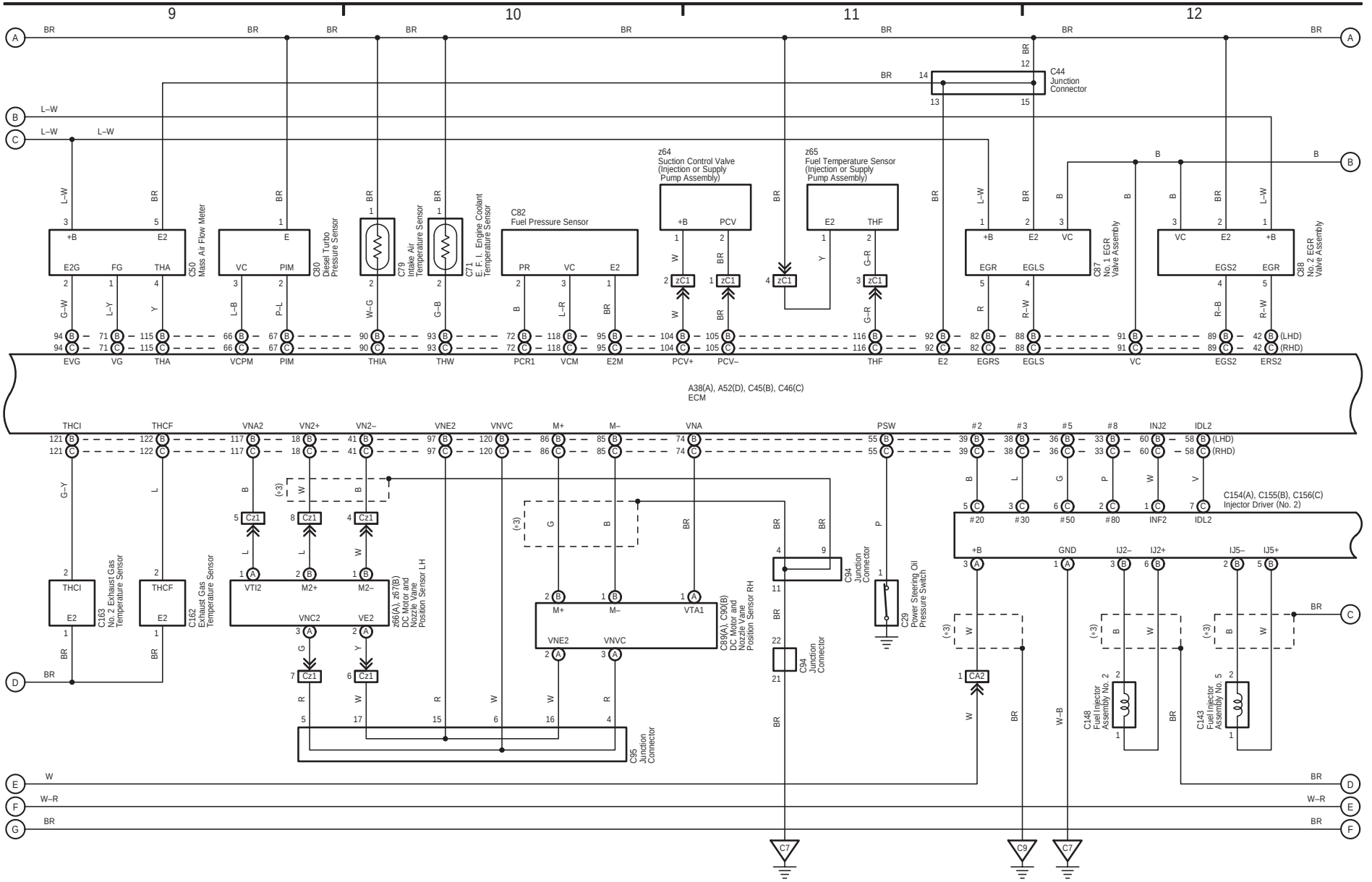
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (Before Jan. 2013 Production)



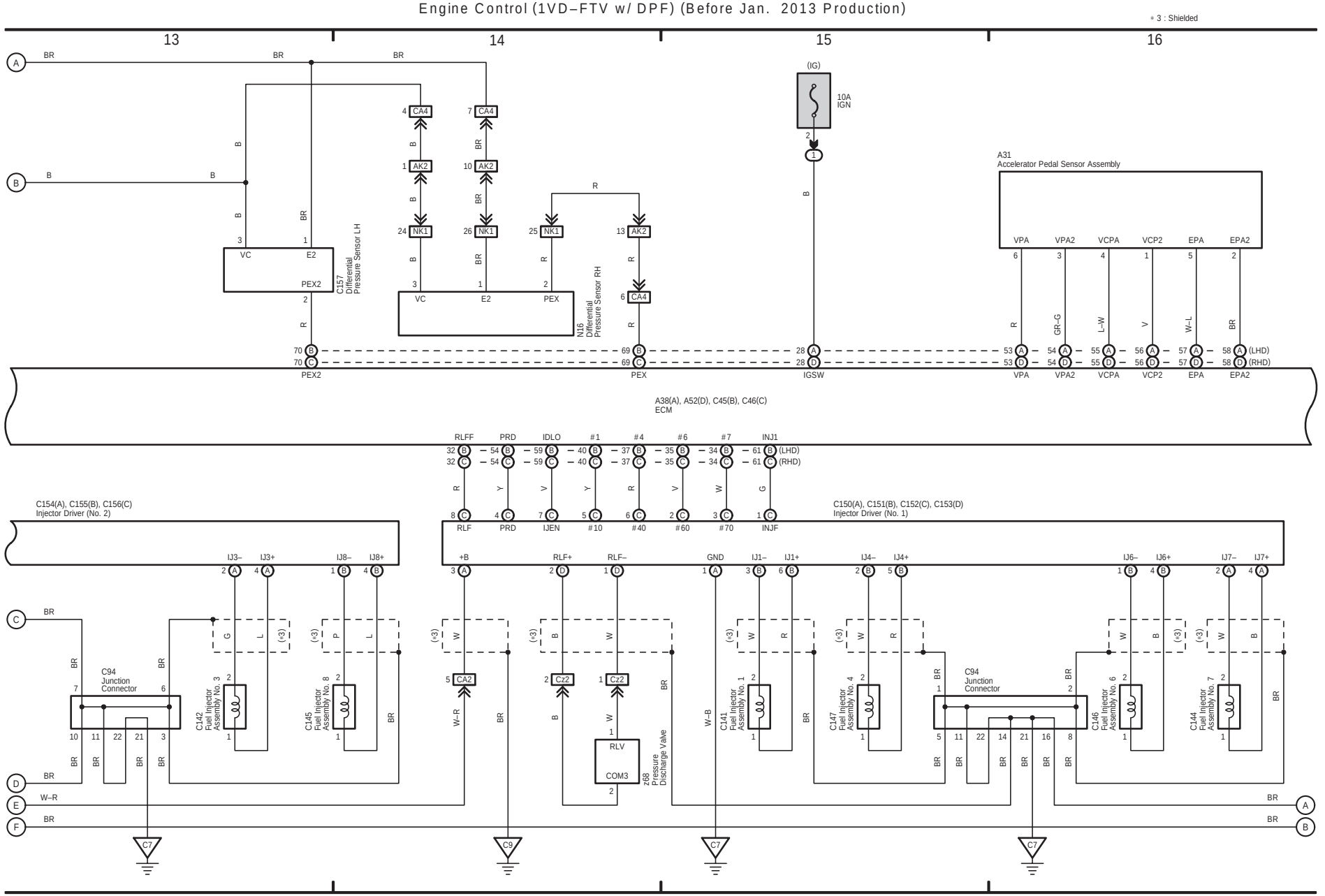
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (Before Jan. 2013 Production)

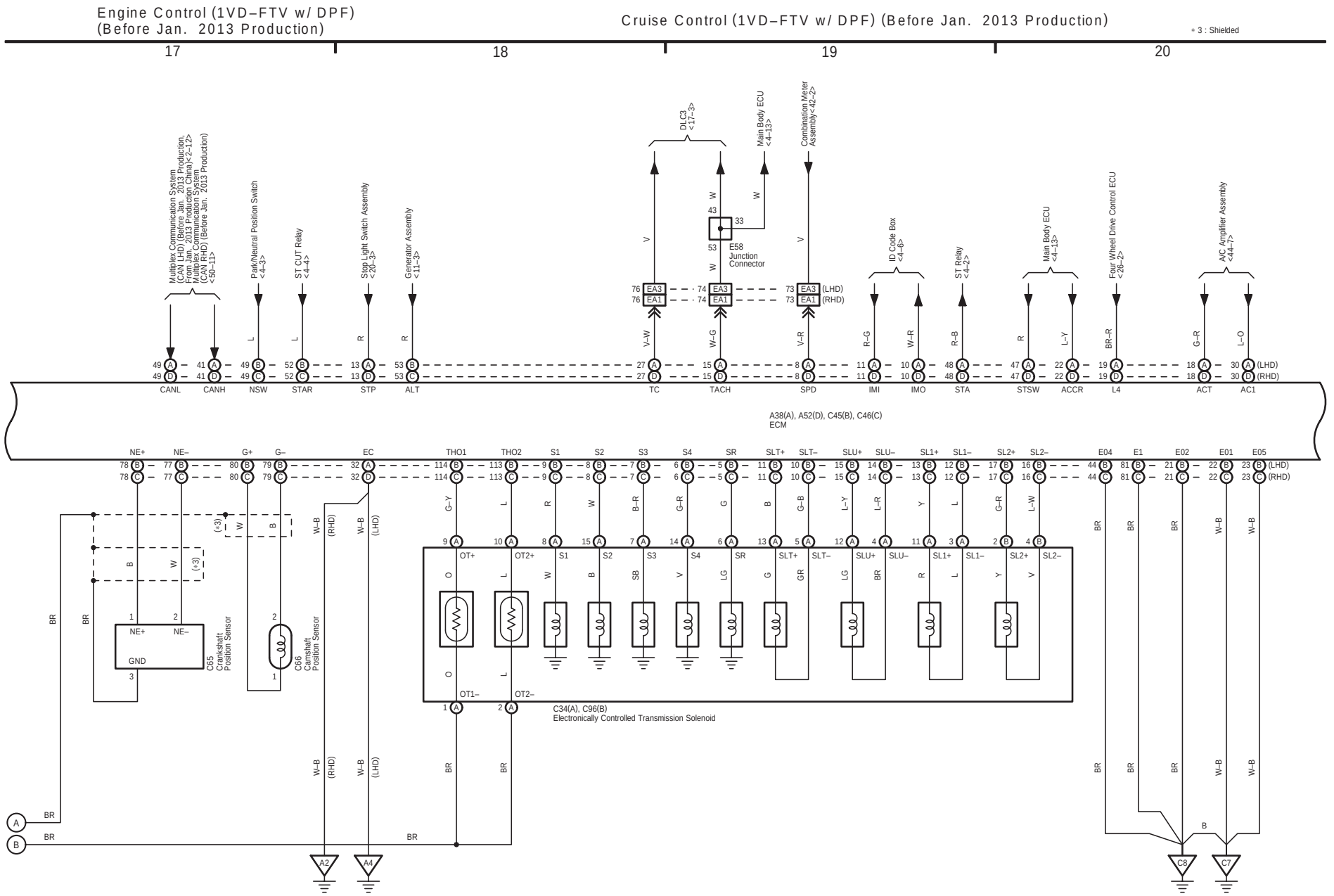


(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (Before Jan. 2013 Production)



(Cont. next page)

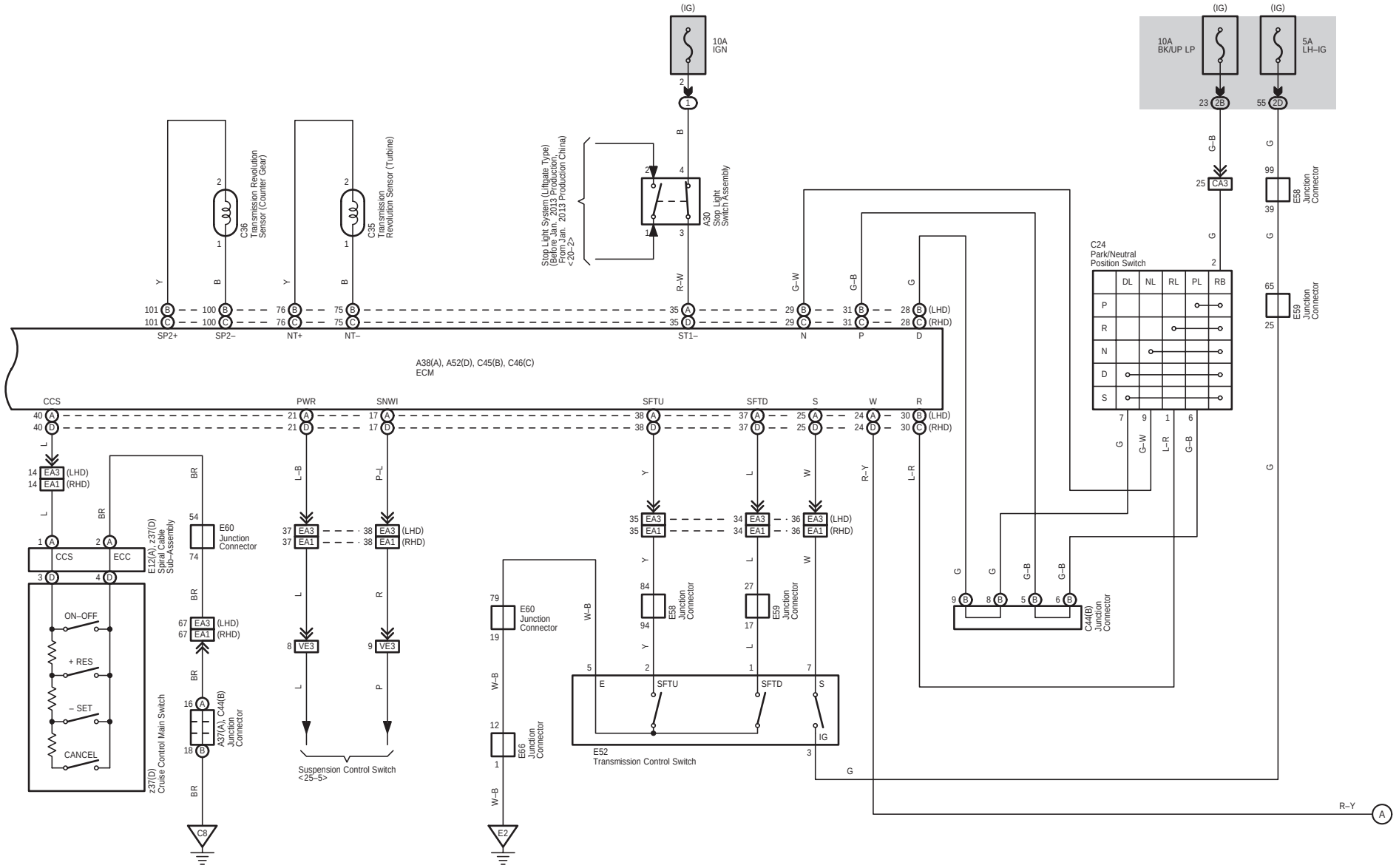


(Cont. next page)

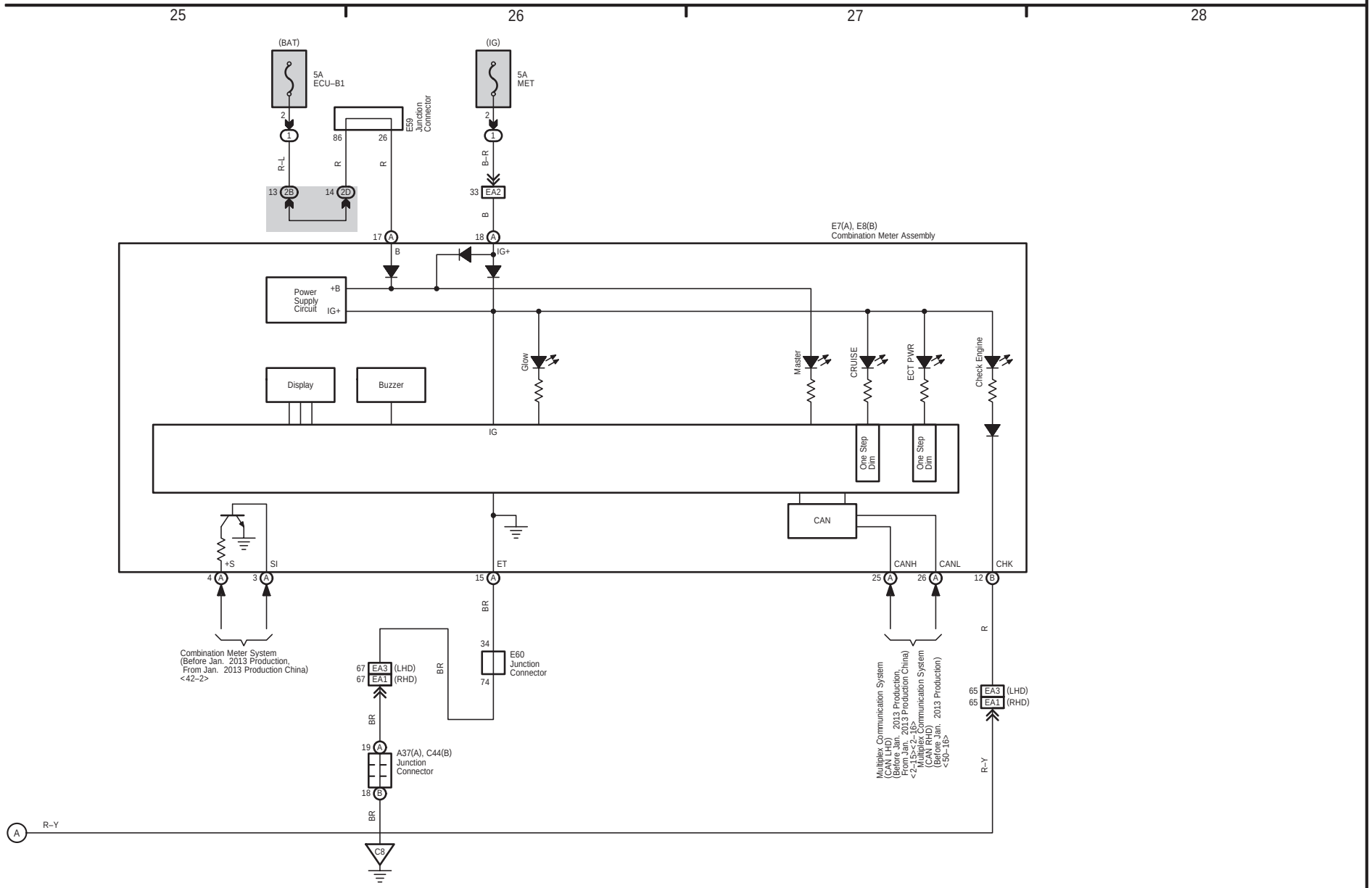
Cruise Control (1VD–FTV w/ DPF)
(Before Jan. 2013 Production)

ECT and A/T Indicator (1VD–FTV w/ DPF) (Before Jan. 2013 Production)

21 22 23 24

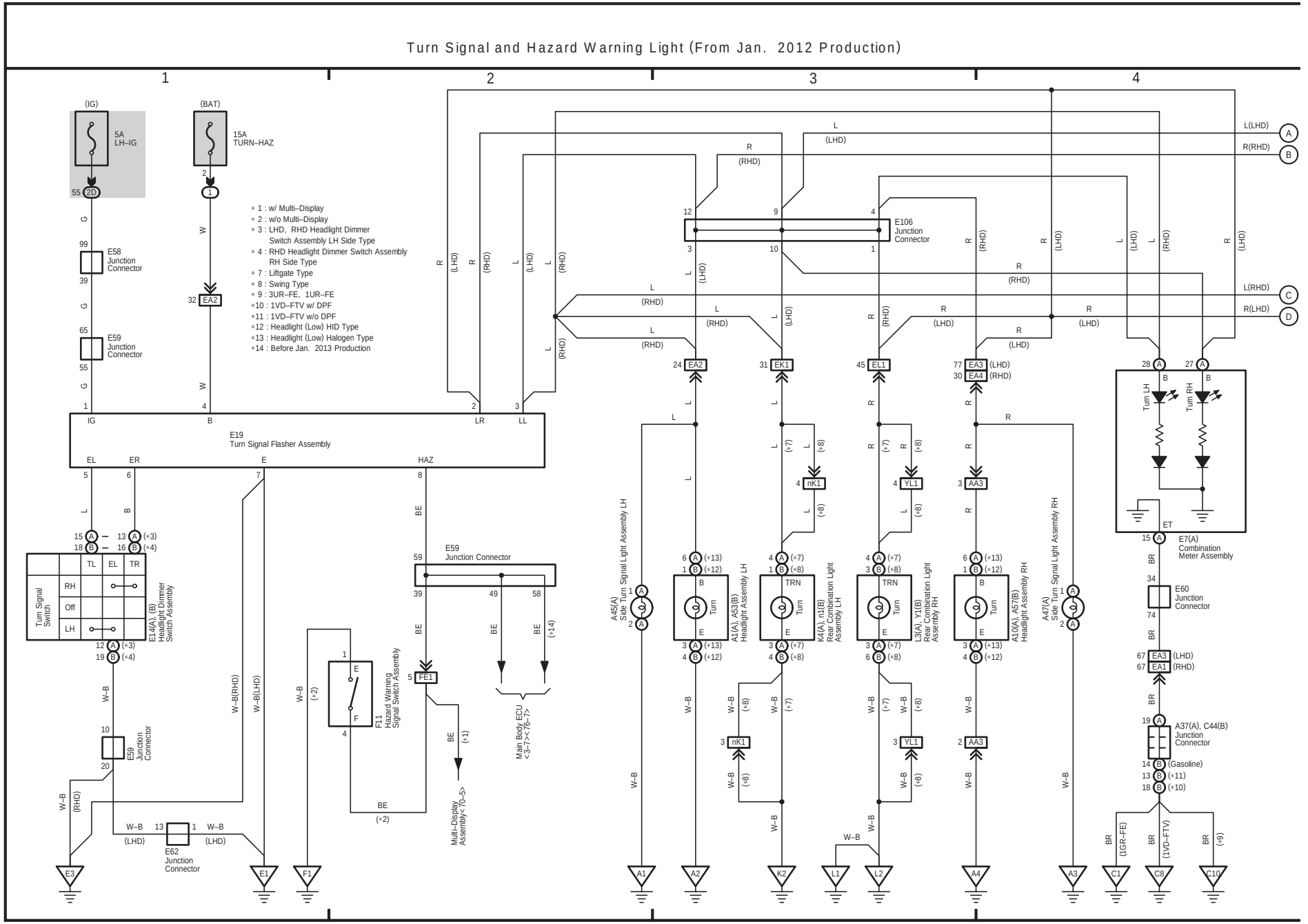


ECT and A/T Indicator (1VD–FTV w/ DPF) (Before Jan. 2013 Production)



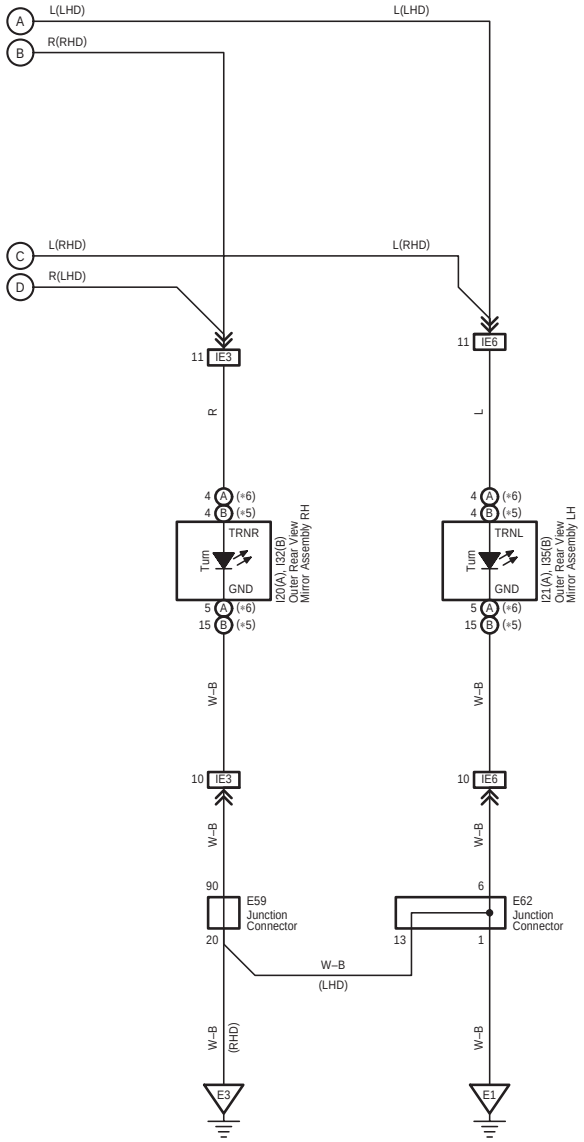
(Cont. next page)

Turn Signal and Hazard Warning Light (From Jan. 2012 Production)

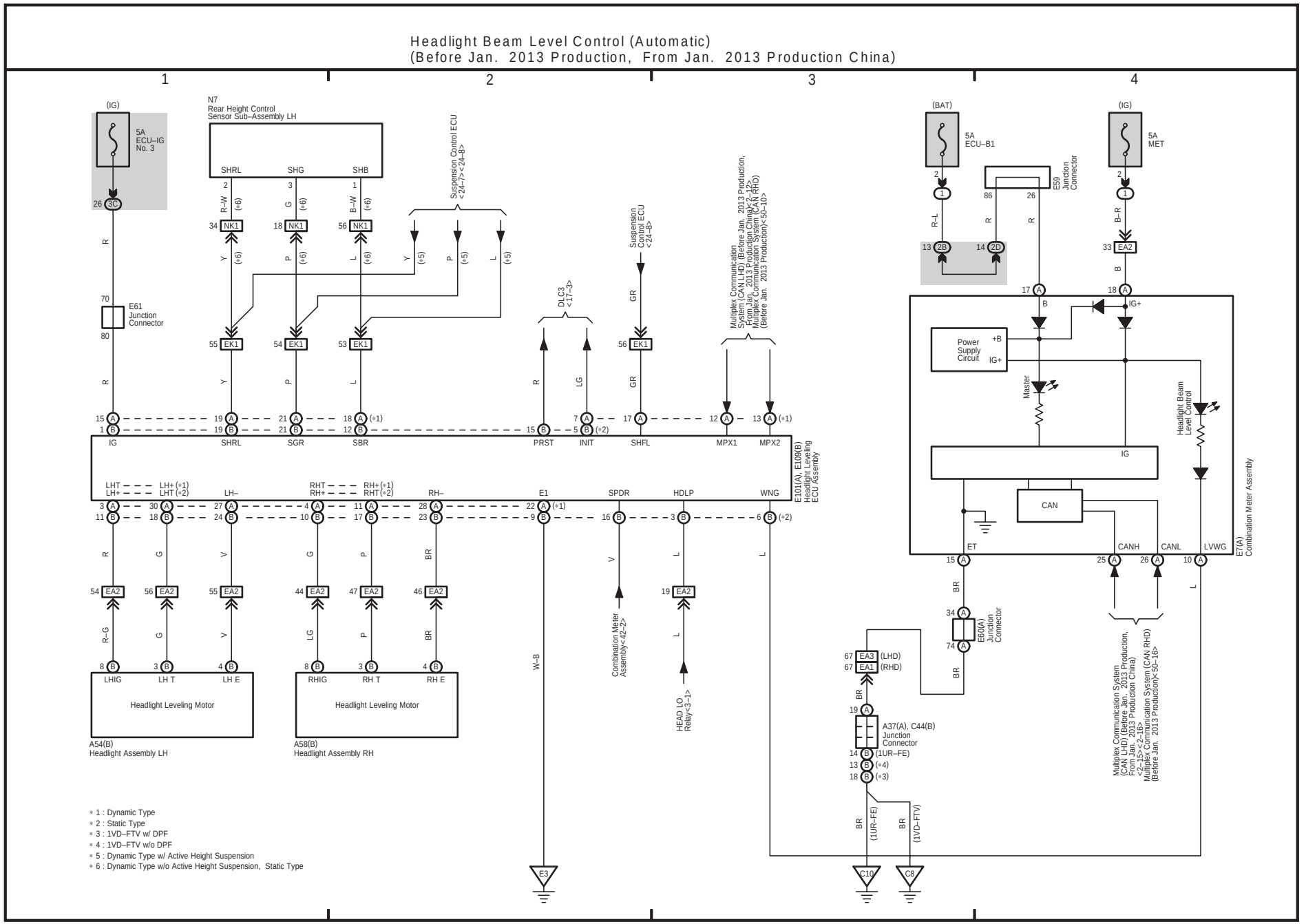


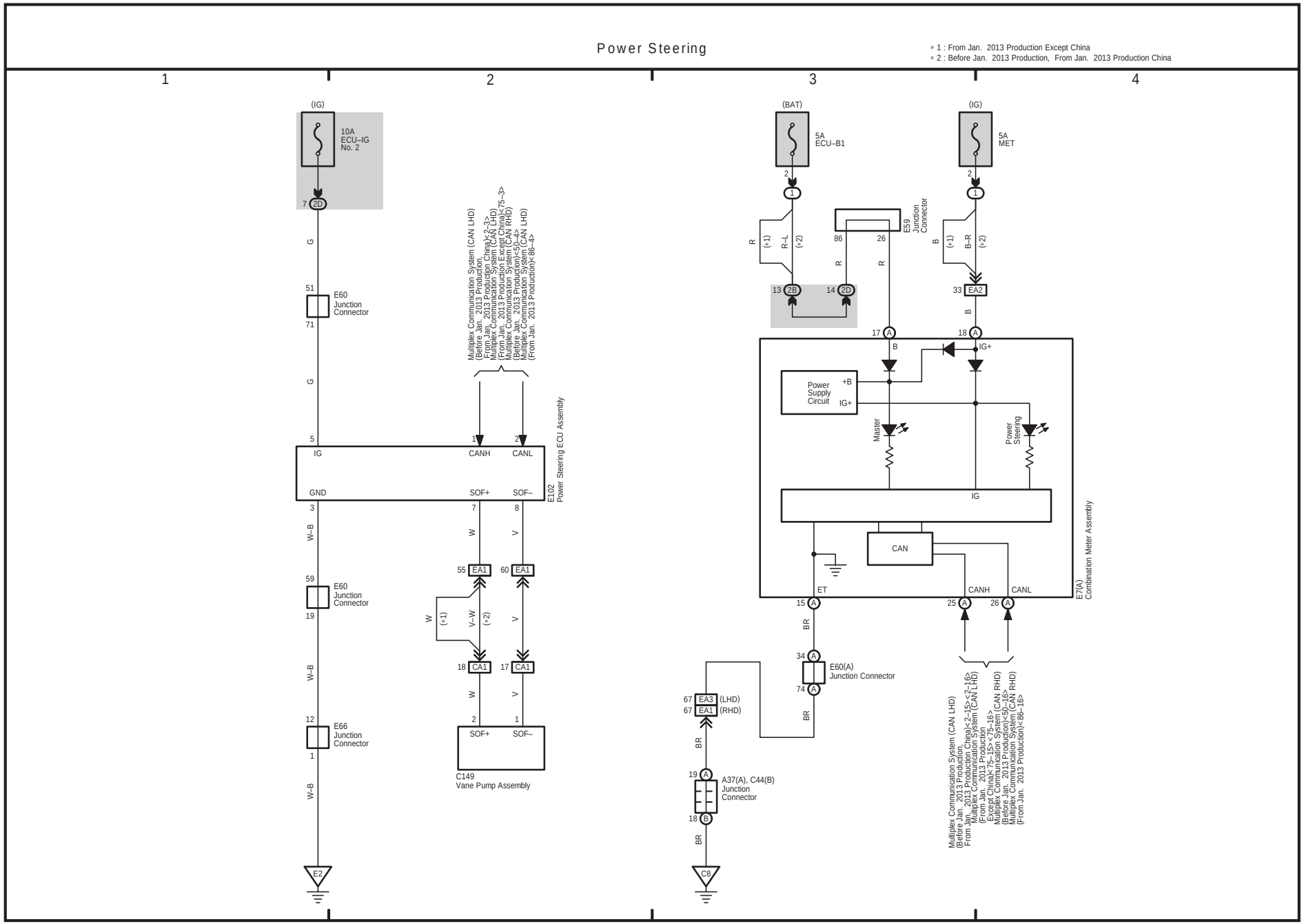
Turn Signal and Hazard Warning Light (From Jan. 2012 Production)

∗ 5 : w/ Multi–Terrain Monitor
∗ 6 : w/o Multi–Terrain Monitor



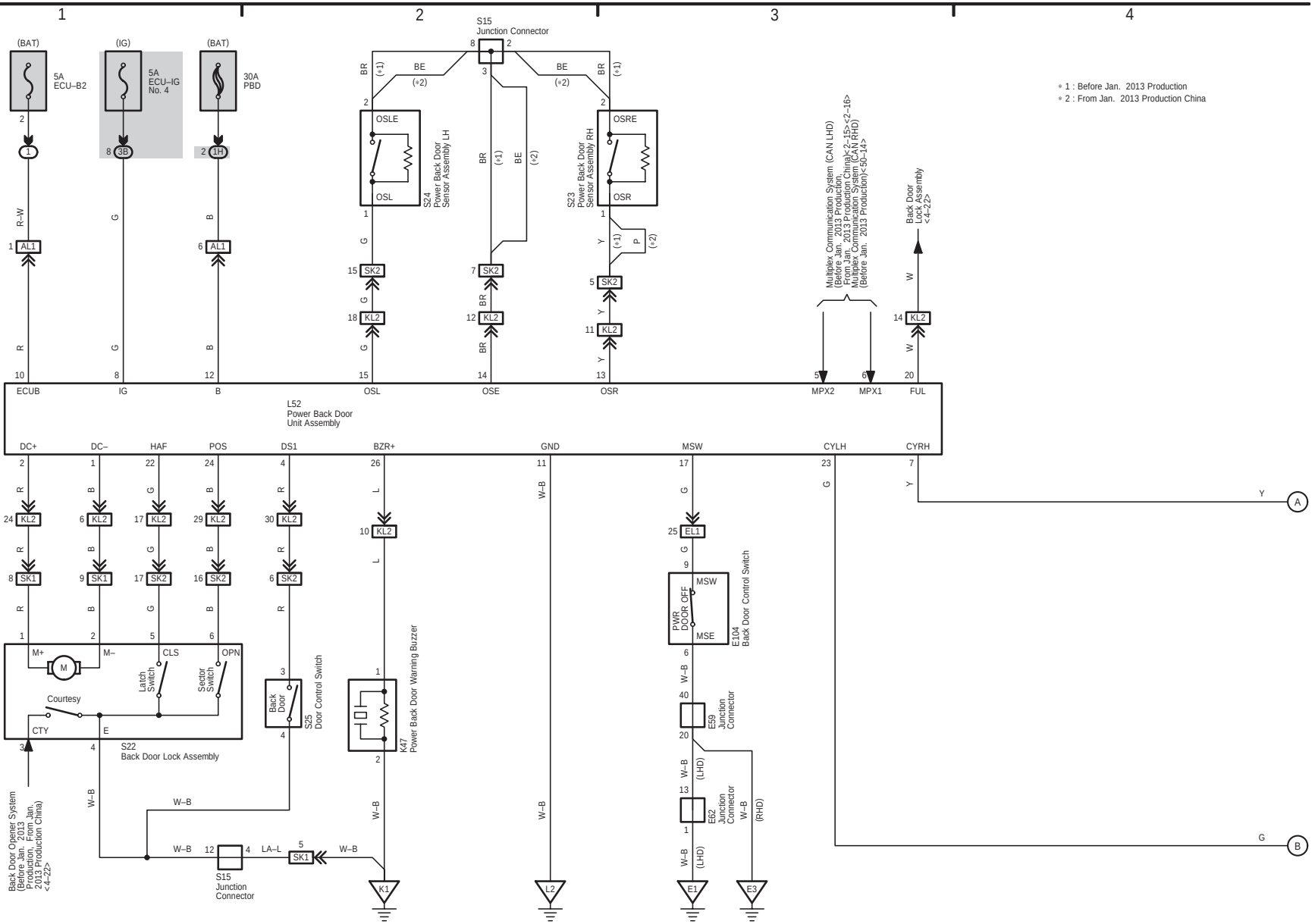
Headlight Beam Level Control (Automatic)
(Before Jan. 2013 Production, From Jan. 2013 Production China)



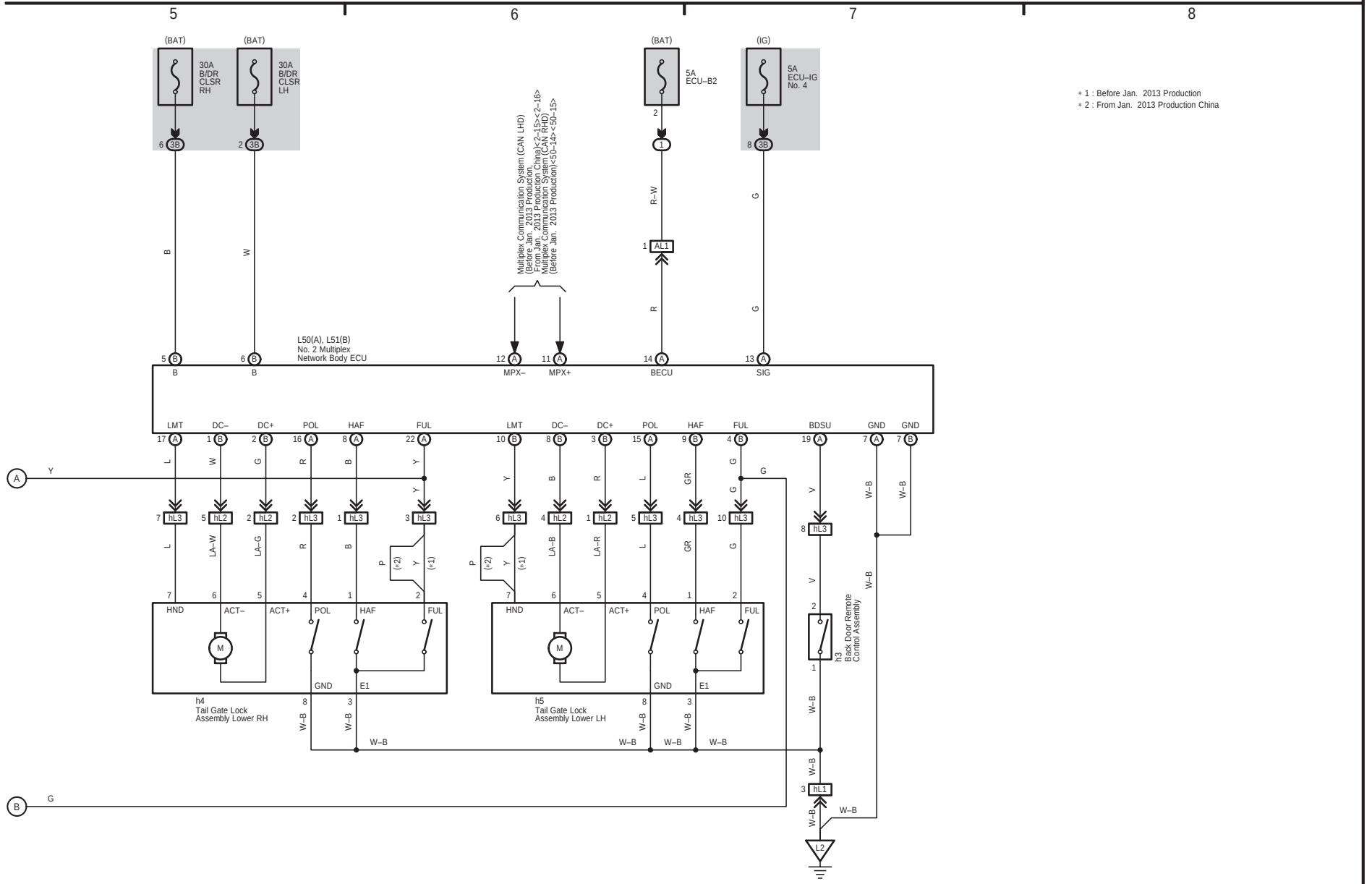

Power Steering
* 1 : From Jan. 2013 Production Except China
* 2 : Before Jan. 2013 Production, From Jan. 2013 Production China
1
2
3
4
(IG)
10A
ECU–IG
No. 2
7 2D
G
51
E60
Junction
Connector
71
G
5
IG
GND
3
W–B
59
E60
Junction
Connector
19
W–B
12
E66
Junction
Connector
1
W–B
E2
Multiplex Communication System (CAN LHD)
(Before Jan. 2013 Production)
From Jan. 2013 Production China)<2–3>
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production Except China)<75–3>
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)<5D–4>
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production)<86–4>
1
CANH
2
CANL
E102
Power Steering ECU Assembly
7
SOF+
8
SOF–
W
V
55 EA1
60 EA1
W
(*1)
V–W
(*2)
V
18 CA1
17 CA1
W
V
2
SOF+
1
SOF–
C149
Vane Pump Assembly
(BAT)
5A
ECU–B1
2
1
R
(*1)
R–L
(*2)
13 2B
14 2D
E59
Junction
Connector
86
R
26
R
(IG)
5A
MET
2
1
B
(*1)
B–R
(*2)
33 EA2
B
17 A
18 A
B
IG+
Power
Supply
Circuit
+B
IG+
Master
Power
Steering
IG
CAN
ET
CANH
CANL
15 A
25 A
26 A
E7(A)
Combination Meter Assembly
BR
34 A
E60(A)
Junction Connector
74 A
BR
67 EA3 (LHD)
67 EA1 (RHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
18 B
BR
C8
Multiplex Communication System (CAN LHD)
(Before Jan. 2013 Production)
From Jan. 2013 Production China)<2–15><2–16>
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production
Except China)<75–15><75–16>
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)<5D–15>
Multiplex Communication System (CAN RHD)
(From Jan. 2013 Production)<86–16>

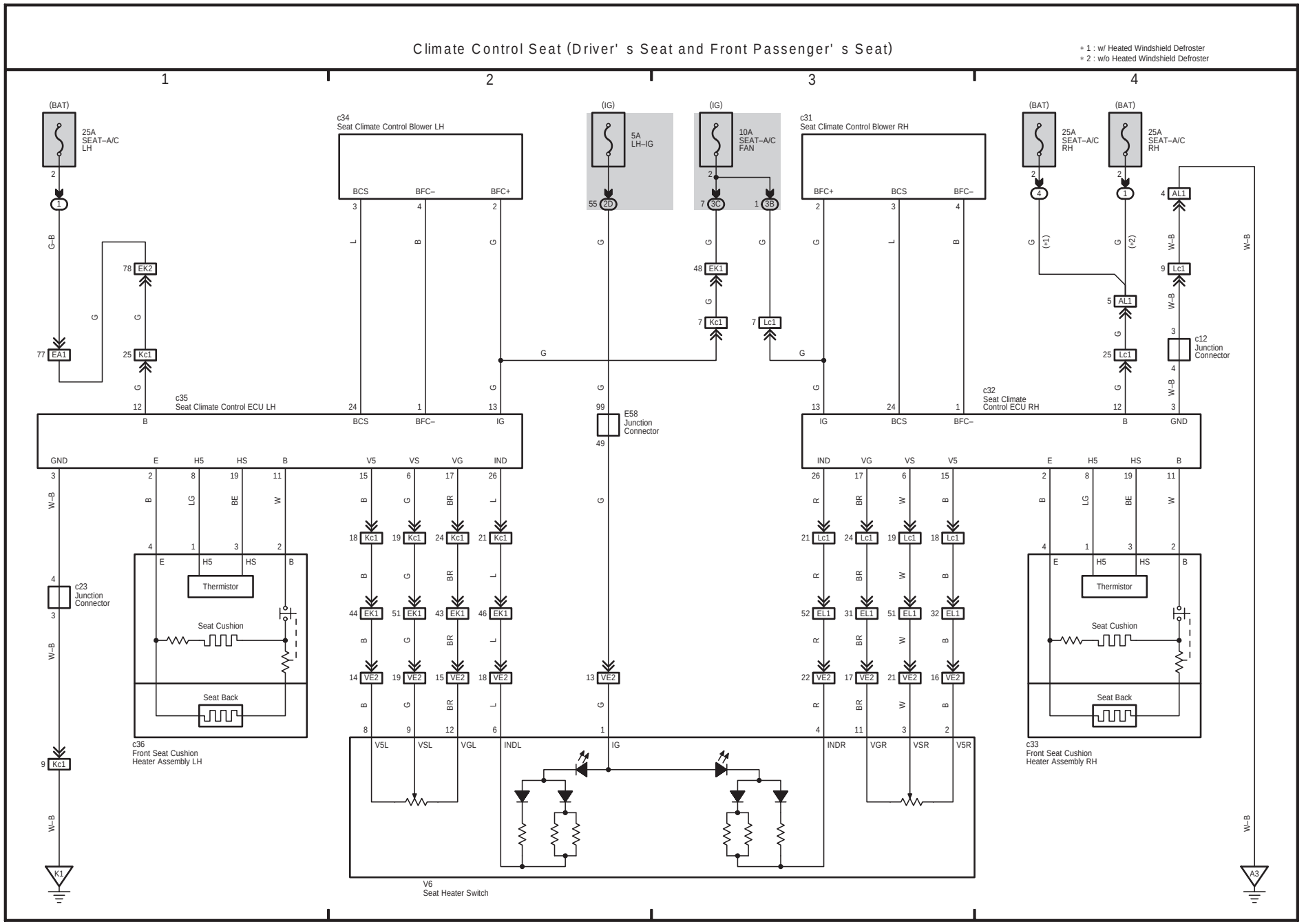
(Cont. next page)

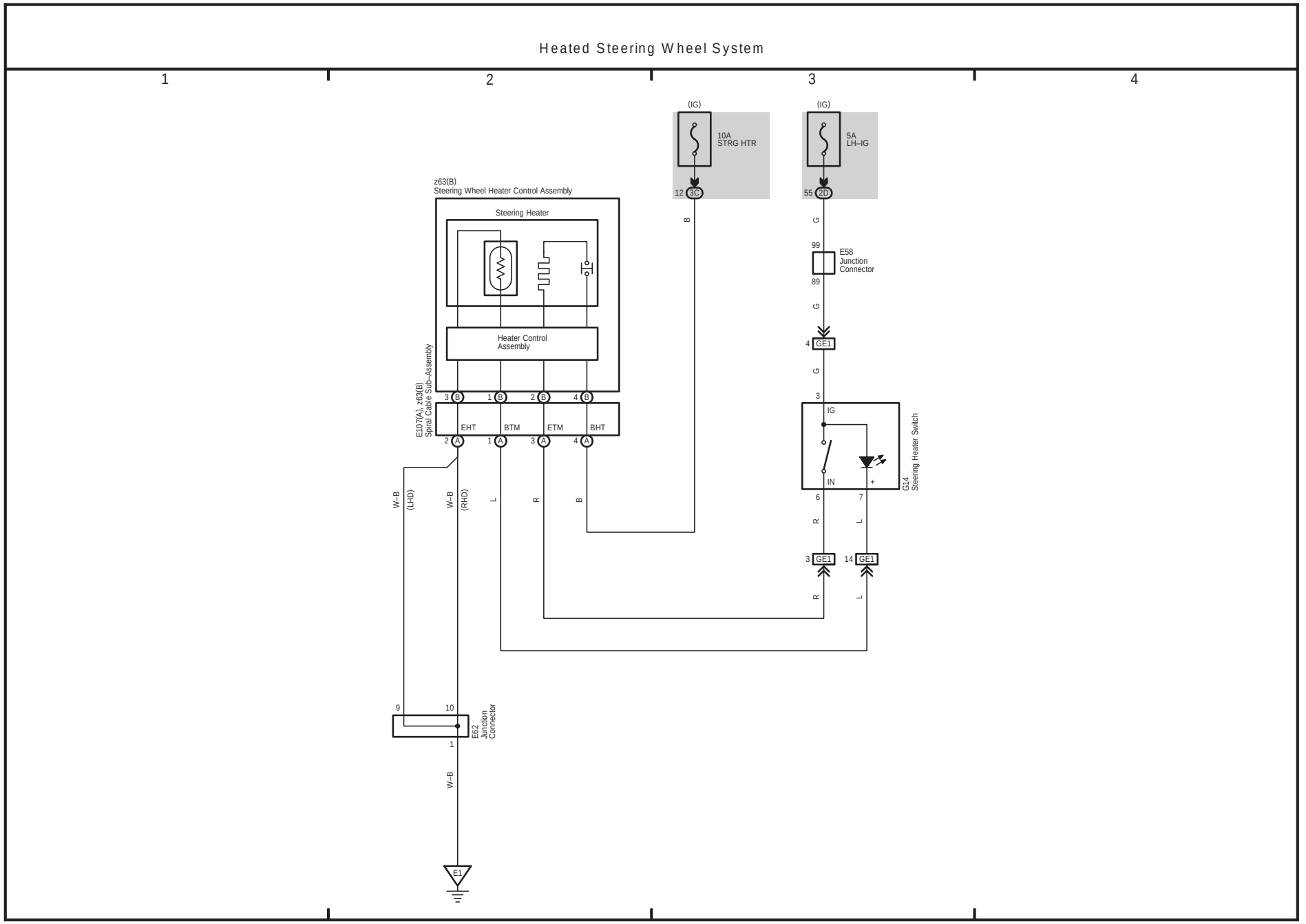
Power Back Door (Before Jan. 2013 Production, From Jan. 2013 Production China)



Power Back Door (Before Jan. 2013 Production, From Jan. 2013 Production China)

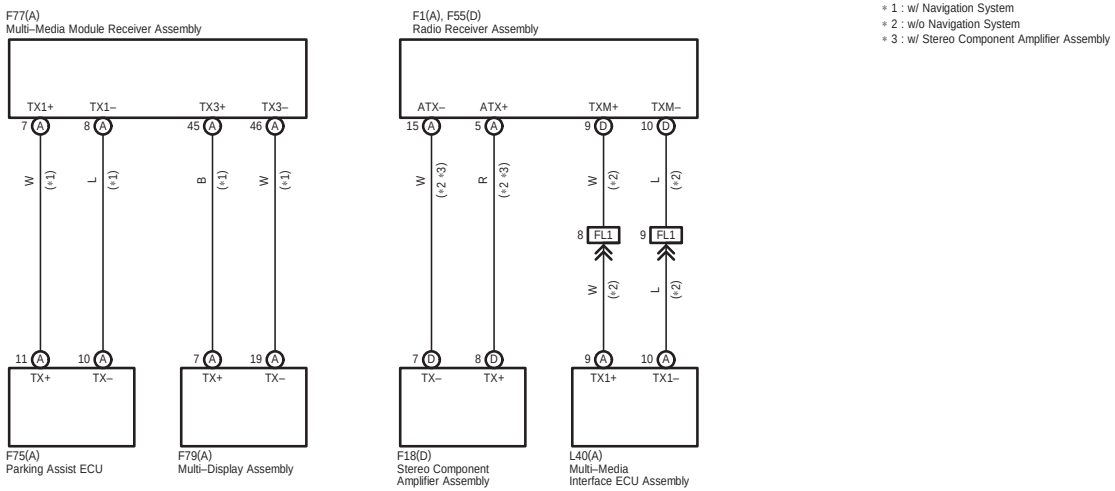



Climate Control Seat (Driver' s Seat and Front Passenger' s Seat)
* 1 : w/ Heated Windshield Defroster
* 2 : w/o Heated Windshield Defroster
1
2
3
4
(BAT)
25A SEAT–A/C LH
(IG)
5A LH–IG
10A SEAT–A/C FAN
(BAT)
25A SEAT–A/C RH
25A SEAT–A/C RH
c34 Seat Climate Control Blower LH
c31 Seat Climate Control Blower RH
BCS BFC– BFC+
BFC+ BCS BFC–
c35 Seat Climate Control ECU LH
c32 Seat Climate Control ECU RH
E58 Junction Connector
c12 Junction Connector
c23 Junction Connector
Thermistor
Seat Cushion
Seat Back
c36 Front Seat Cushion Heater Assembly LH
c33 Front Seat Cushion Heater Assembly RH
V6 Seat Heater Switch
K1
A3


Heated Steering Wheel System
1
2
3
4
(IG)
10A
STRG HTR
(IG)
5A
LH–IG
z63(B)
Steering Wheel Heater Control Assembly
Steering Heater
Heater Control
Assembly
E107(A), z63(B)
Spiral Cable Sub–Assembly
EHT
BTM
ETM
BHT
12 3C
55 2D
99
89
E58
Junction
Connector
4 GE1
3 GE1
14 GE1
IG
IN
+
G14
Steering Heater Switch
W–B
(LHD)
W–B
(RHD)
L
R
B
G
9
10
1
E62
Junction
Connector
E1

Multiplex Communication System (AVC–LAN) (From Jan. 2012 Production)

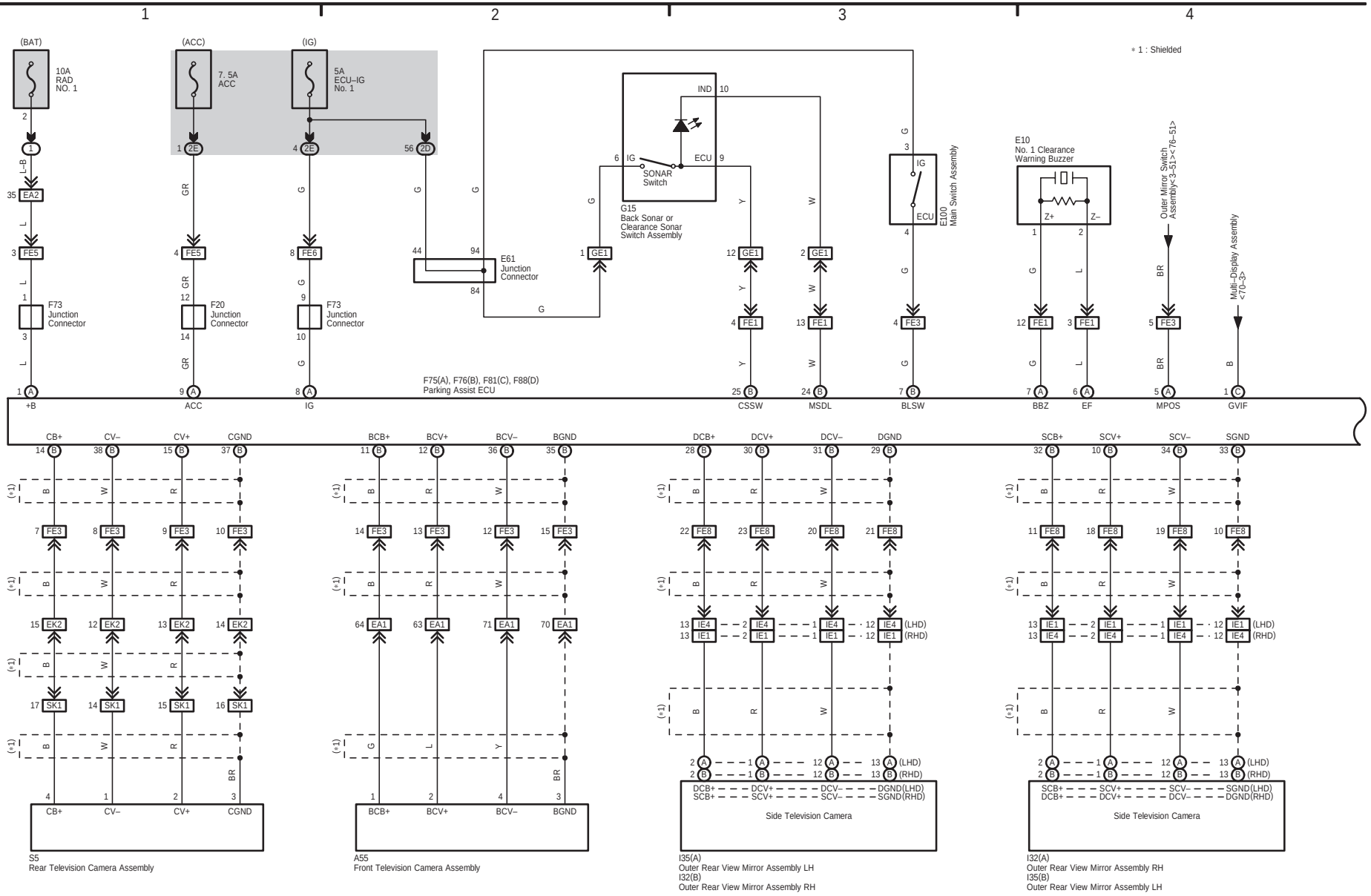
1 2 3 4



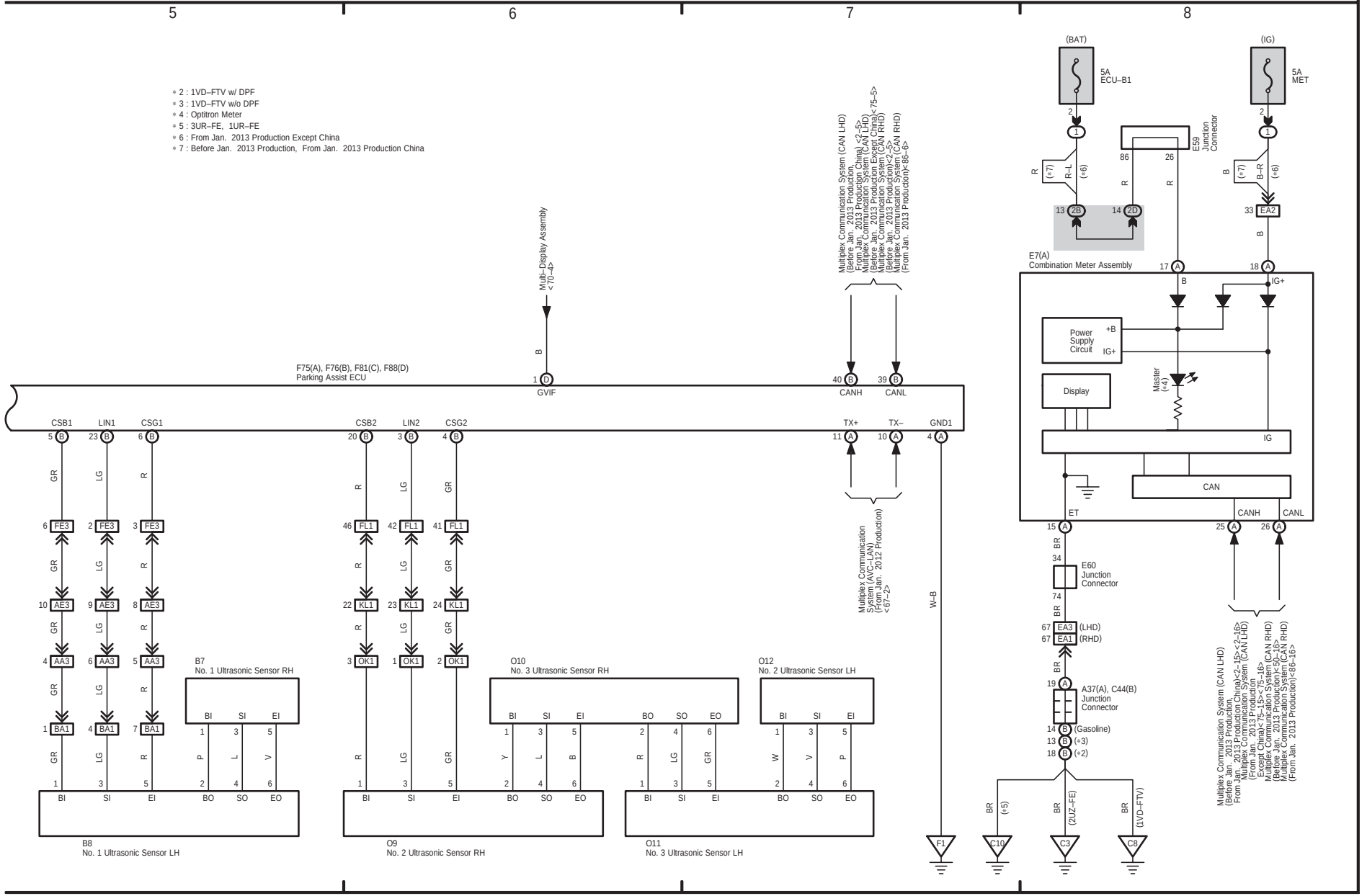
* 1 : w/ Navigation System
* 2 : w/o Navigation System
* 3 : w/ Stereo Component Amplifier Assembly

(Cont. next page)

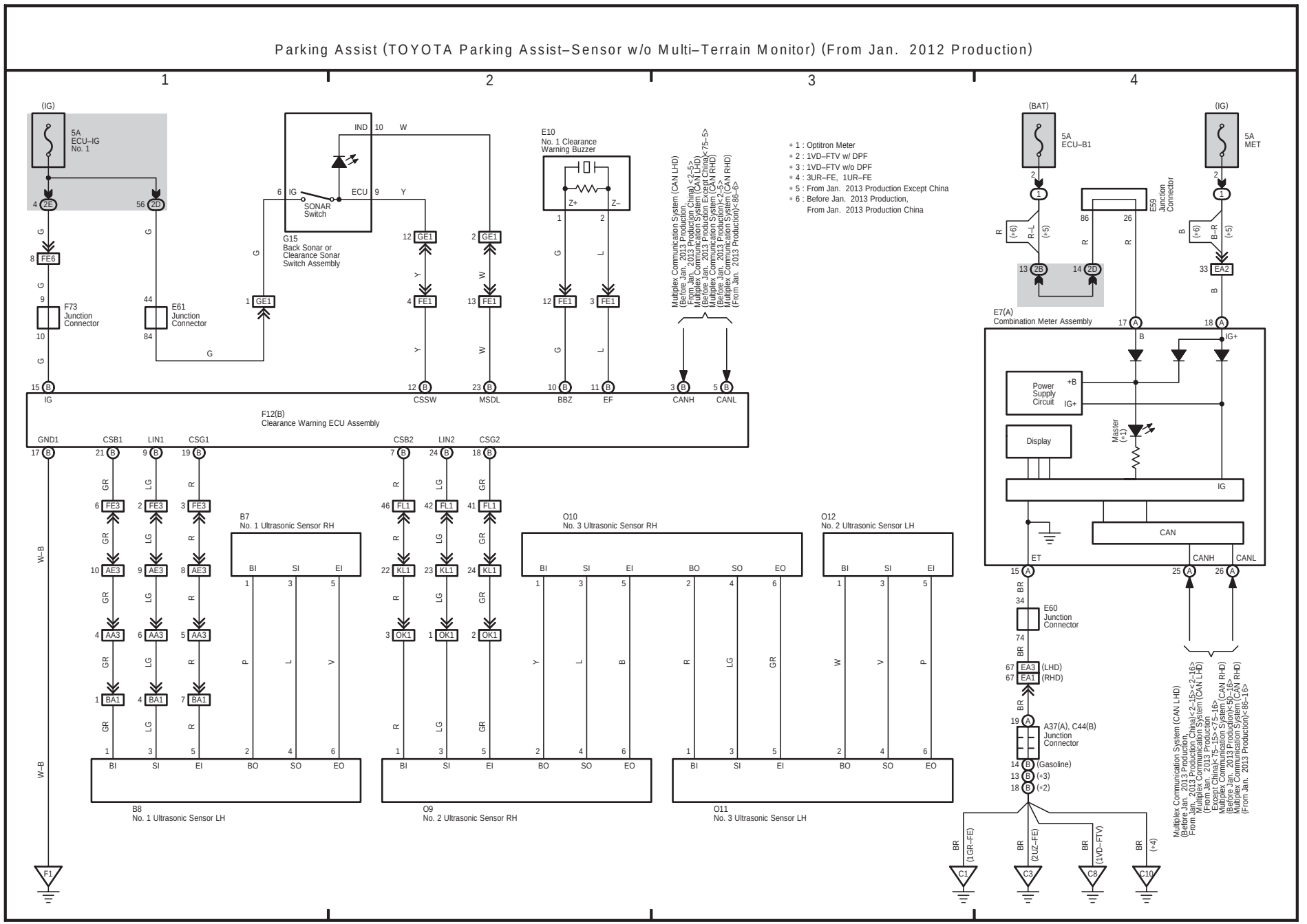
Multi–Terrain Monitor, Parking Assist (Back Guide Monitor) and Parking Assist
(TOYOTA Parking Assist–Sensor w/ Multi–Terrain Monitor) (From Jan. 2012 Production)

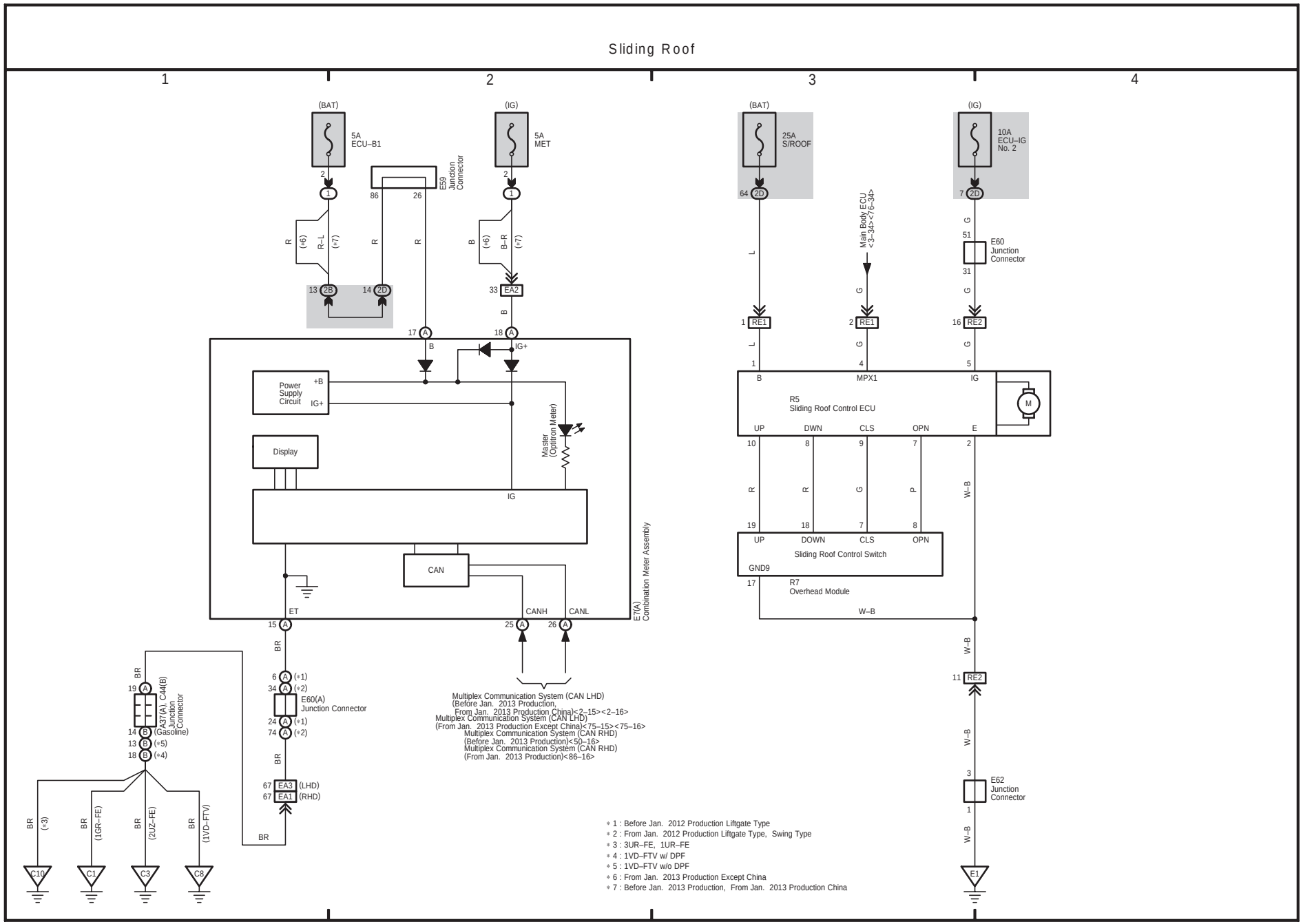


Multi–Terrain Monitor, Parking Assist (Back Guide Monitor) and Parking Assist
(TOYOTA Parking Assist–Sensor w/ Multi–Terrain Monitor) (From Jan. 2012 Production)



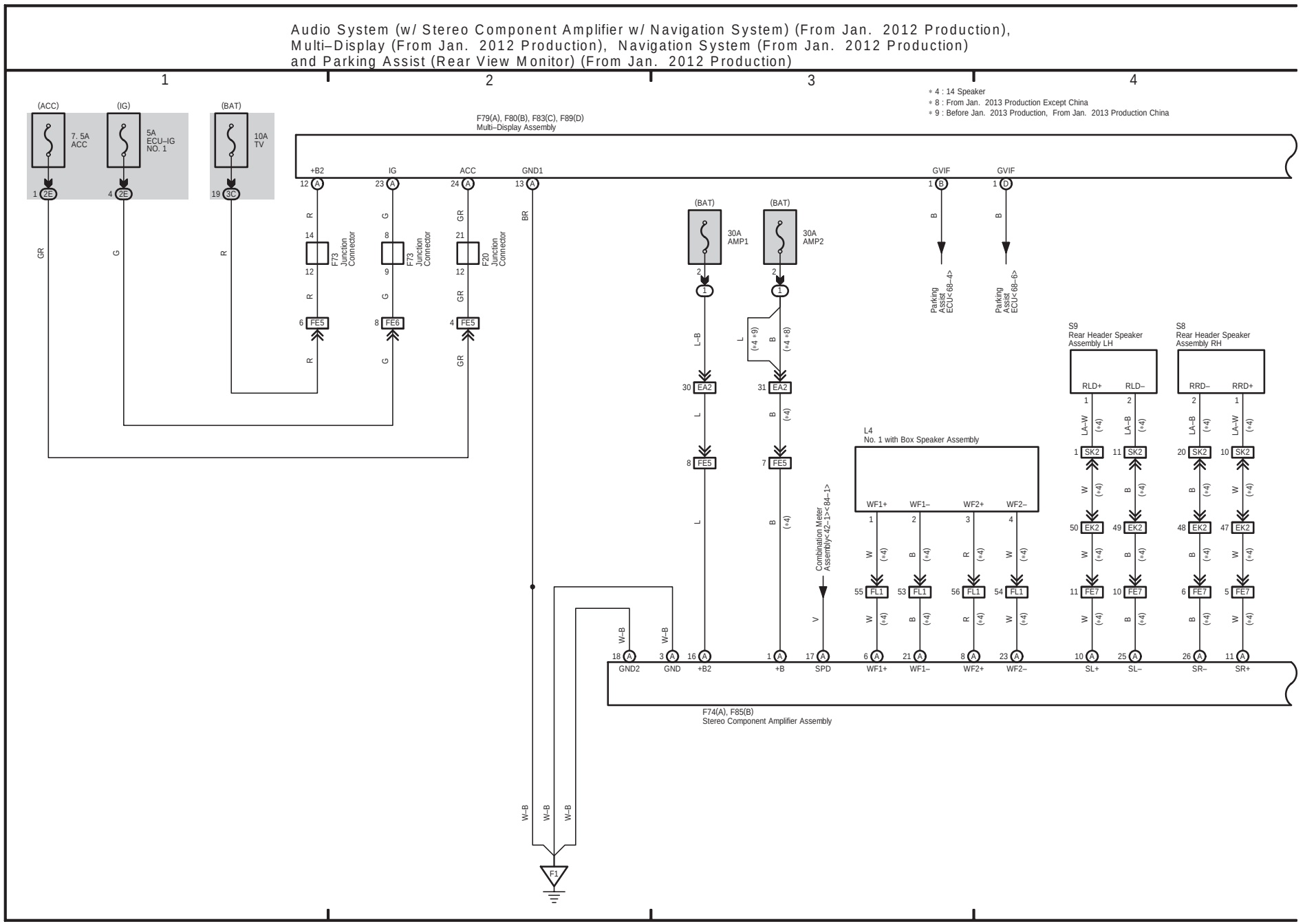
Parking Assist (TOYOTA Parking Assist–Sensor w/o Multi–Terrain Monitor) (From Jan. 2012 Production)




Sliding Roof
1
2
3
4
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
(BAT)
25A
S/ROOF
(IG)
10A
ECU–IG
No. 2
Main Body ECU
<3–34><76–34>
E60
Junction
Connector
Power
Supply
Circuit
+B
IG+
Display
Master
(Optitron Meter)
IG
CAN
ET
CANH
CANL
E7(A)
Combination Meter Assembly
R5
Sliding Roof Control ECU
B
MPX1
IG
UP
DWN
CLS
OPN
E
Sliding Roof Control Switch
GND9
R7
Overhead Module
E62
Junction
Connector
E60(A)
Junction Connector
A37(A), C44(B)
Junction
Connector
(Gasoline)
Multiplex Communication System (CAN LHD)
(Before Jan. 2013 Production,
From Jan. 2013 Production China)<2–15><2–16>
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production Except China)<75–15><75–16>
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)<50–16>
Multiplex Communication System (CAN RHD)
(From Jan. 2013 Production)<86–16>
C10
C1
C3
C8
E1
∗1 : Before Jan. 2012 Production Liftgate Type
∗2 : From Jan. 2012 Production Liftgate Type, Swing Type
∗3 : 3UR–FE, 1UR–FE
∗4 : 1VD–FTV w/ DPF
∗5 : 1VD–FTV w/o DPF
∗6 : From Jan. 2013 Production Except China
∗7 : Before Jan. 2013 Production, From Jan. 2013 Production China

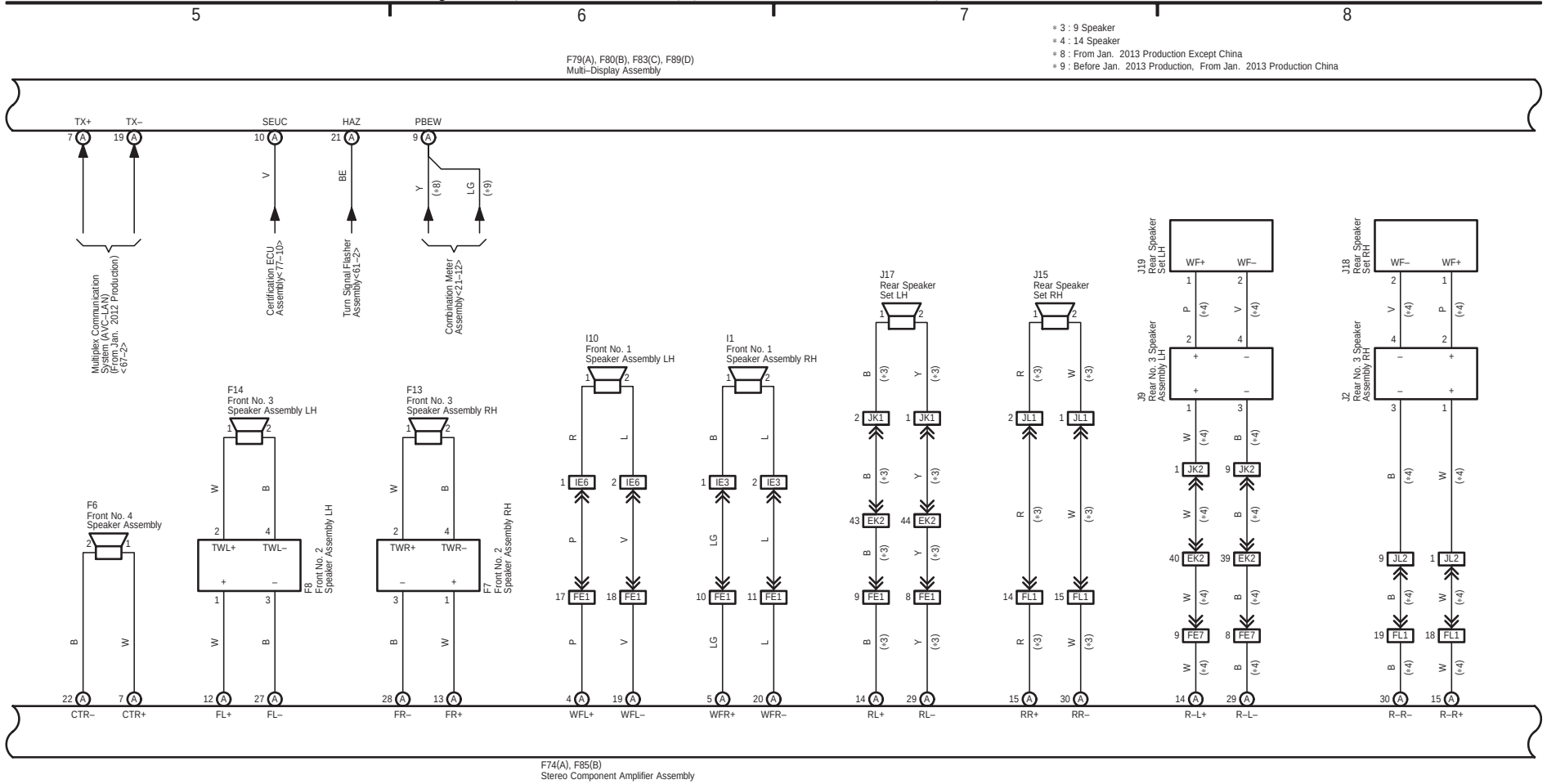
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System) (From Jan. 2012 Production), Multi–Display (From Jan. 2012 Production), Navigation System (From Jan. 2012 Production) and Parking Assist (Rear View Monitor) (From Jan. 2012 Production)



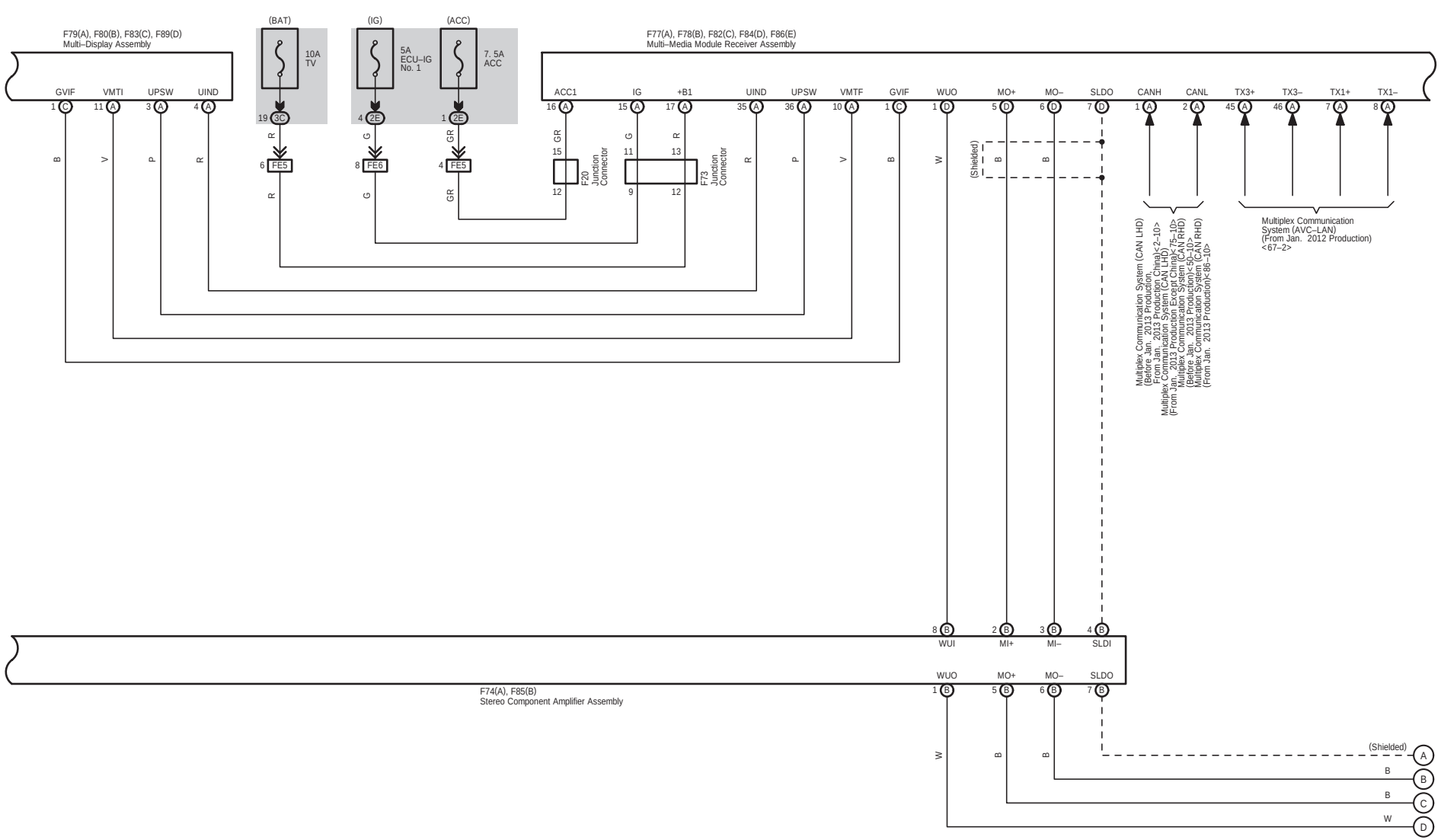
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System) (From Jan. 2012 Production), Multi–Display (From Jan. 2012 Production), Navigation System (From Jan. 2012 Production) and Parking Assist (Rear View Monitor) (From Jan. 2012 Production)



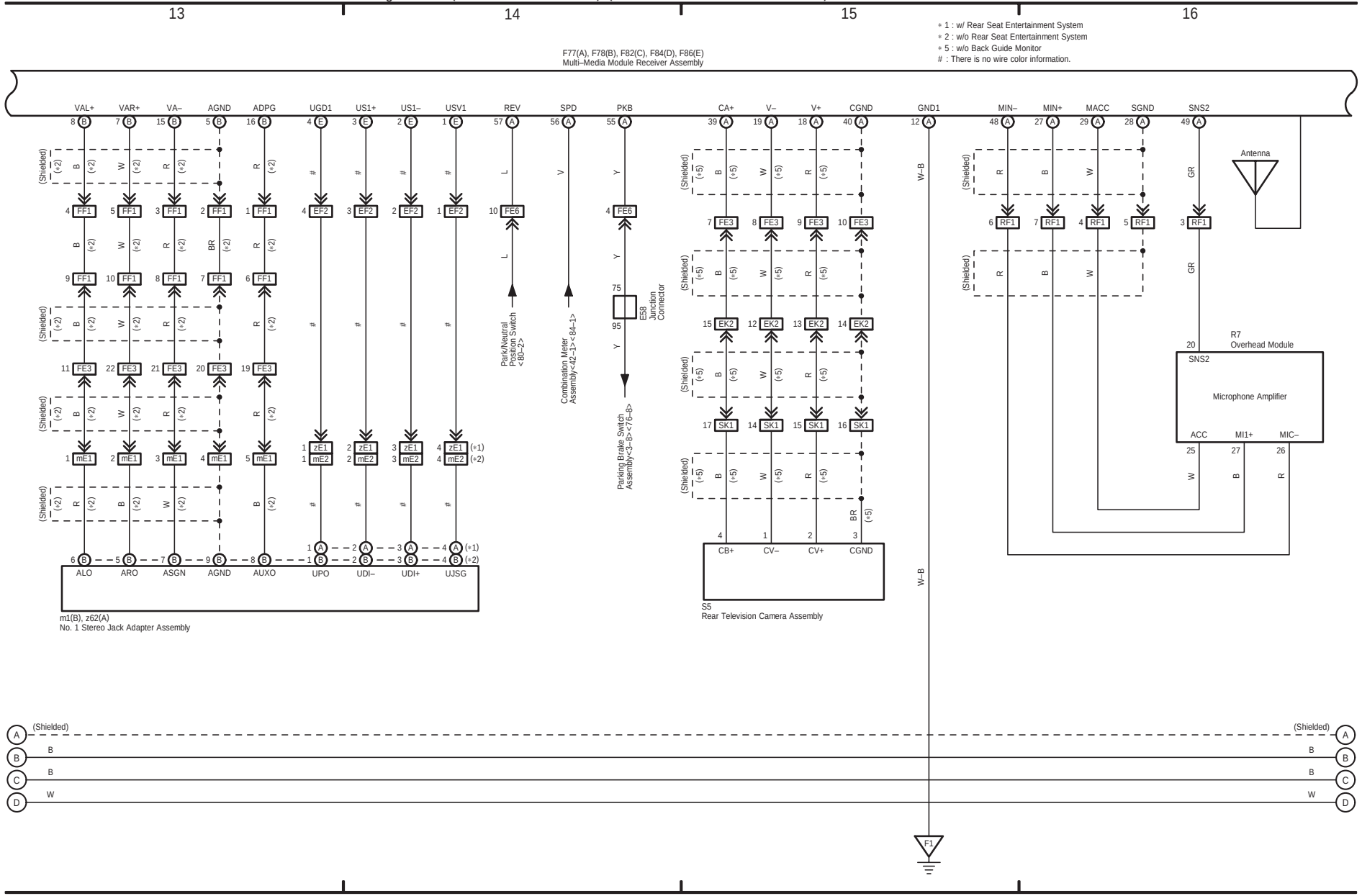
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System) (From Jan. 2012 Production), Multi–Display (From Jan. 2012 Production), Navigation System (From Jan. 2012 Production) and Parking Assist (Rear View Monitor) (From Jan. 2012 Production)



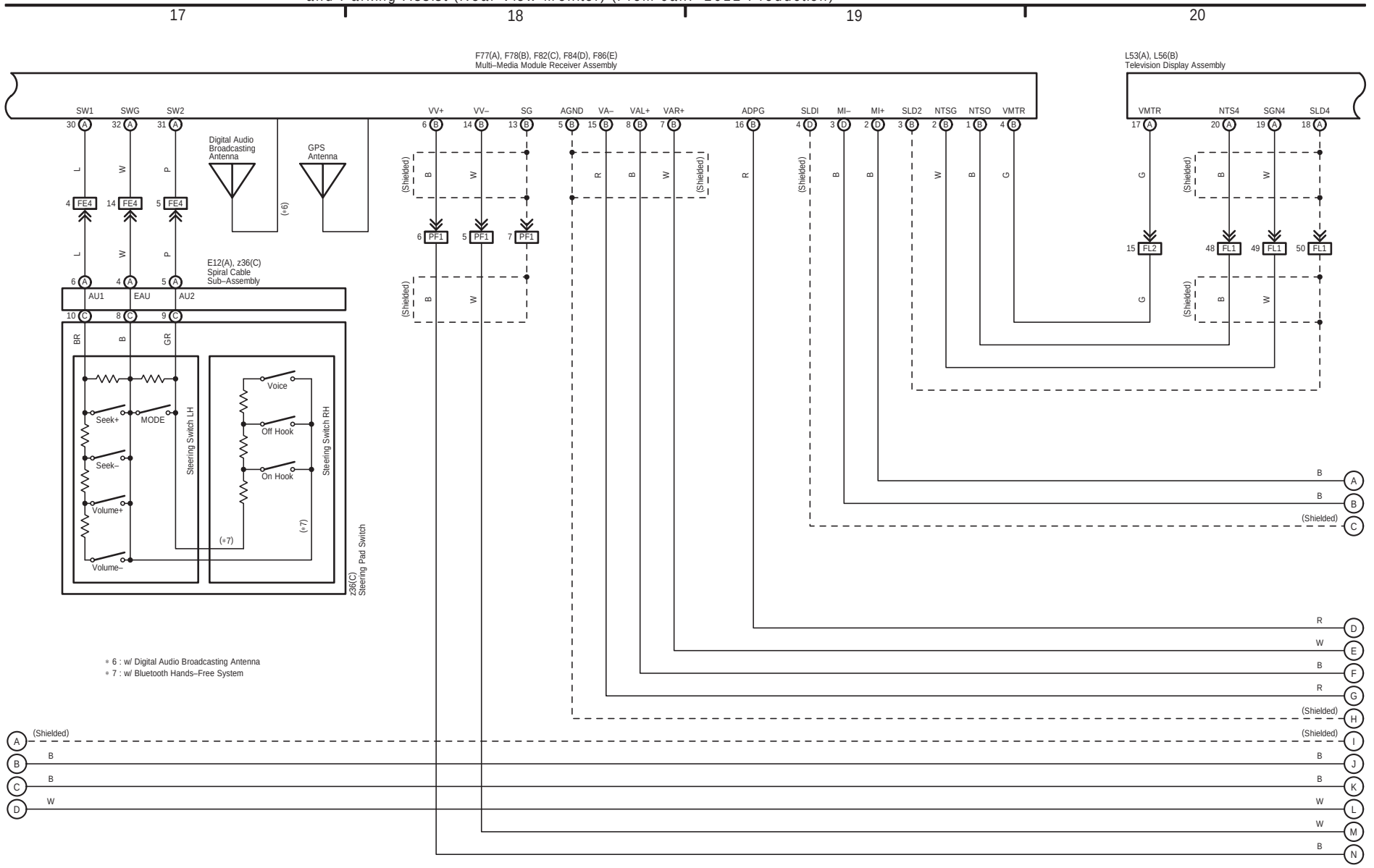
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System) (From Jan. 2012 Production), Multi–Display (From Jan. 2012 Production), Navigation System (From Jan. 2012 Production) and Parking Assist (Rear View Monitor) (From Jan. 2012 Production)

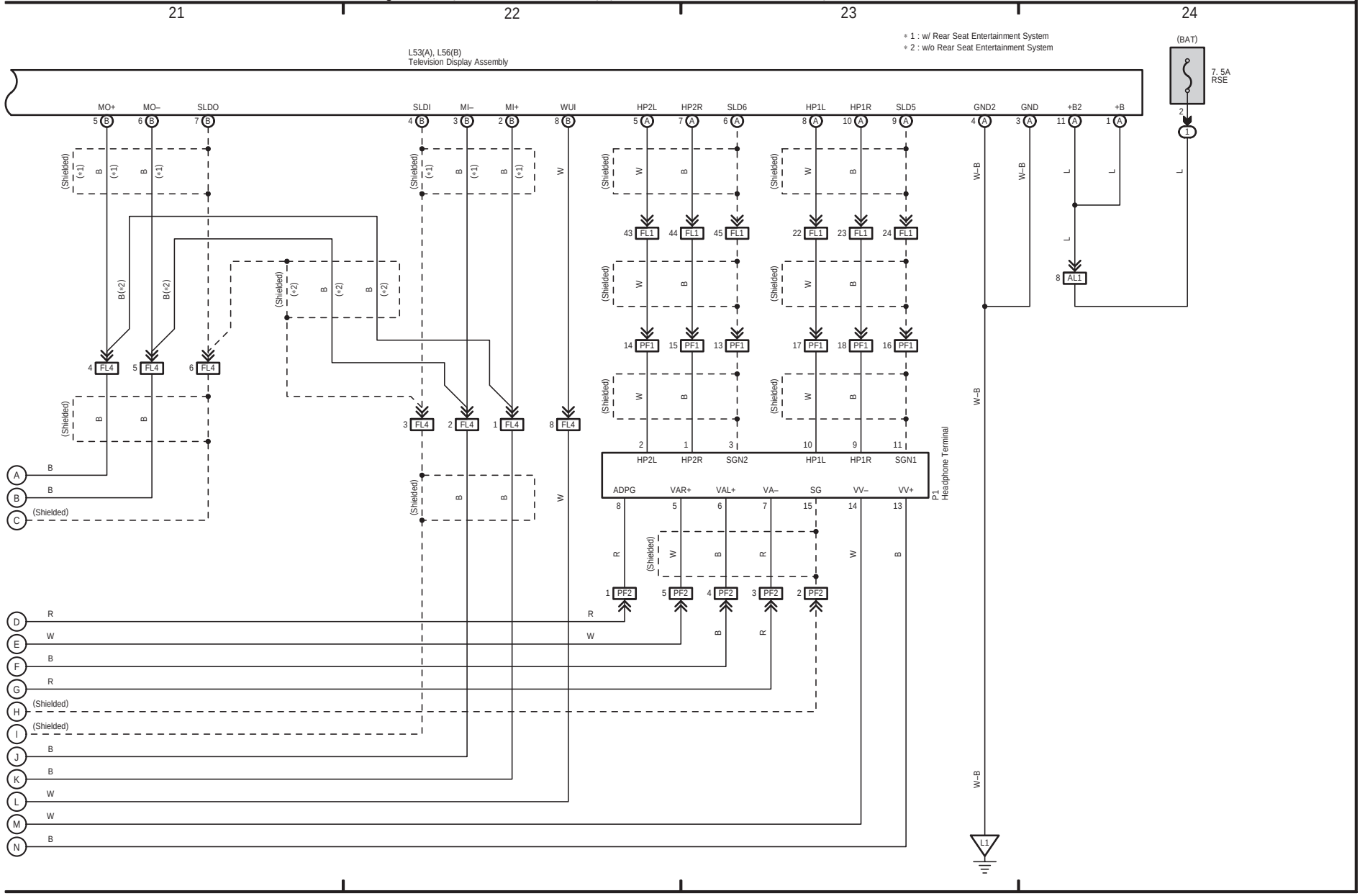


(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/ Navigation System) (From Jan. 2012 Production), Multi–Display (From Jan. 2012 Production), Navigation System (From Jan. 2012 Production) and Parking Assist (Rear View Monitor) (From Jan. 2012 Production)

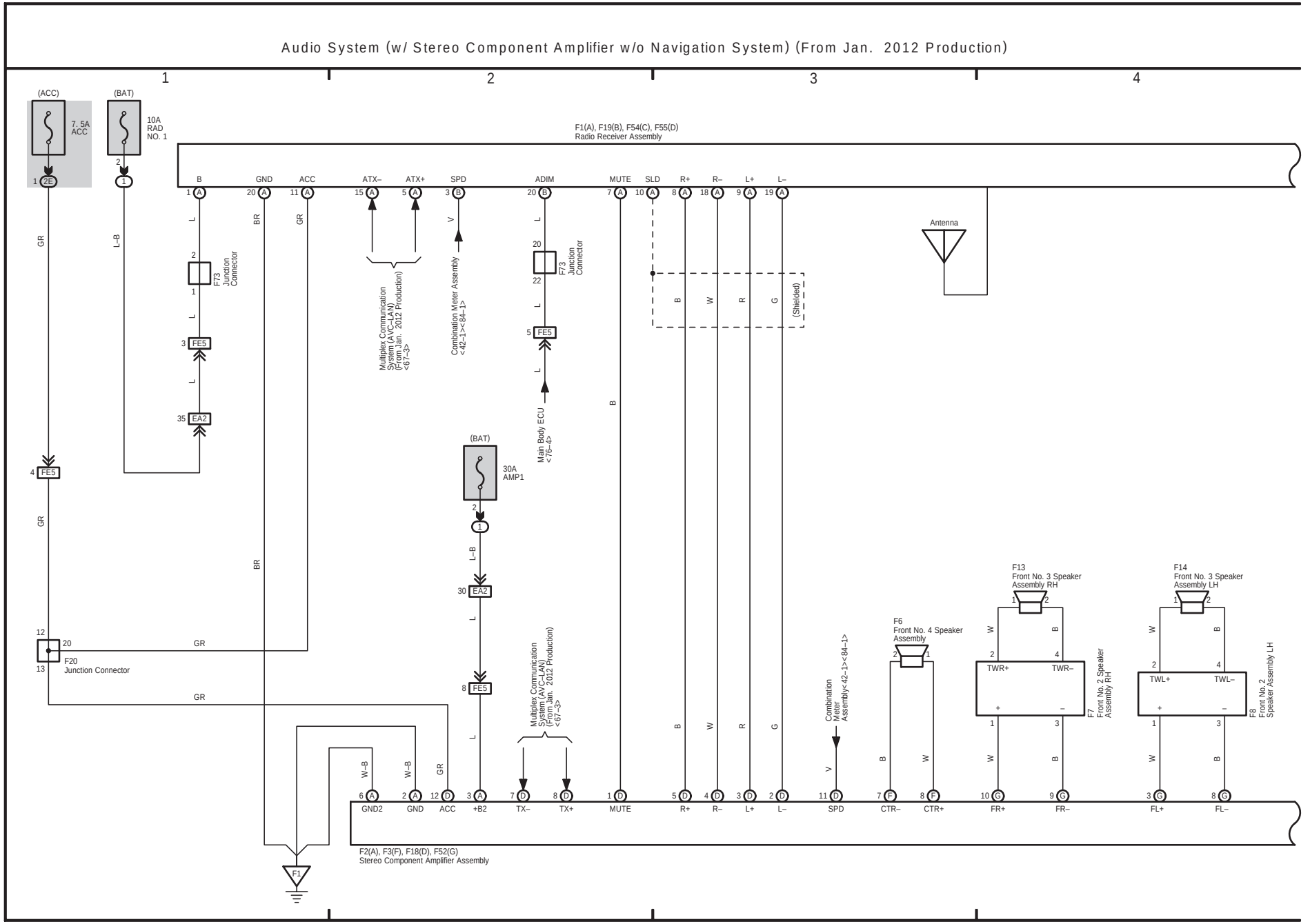


Audio System (w/ Stereo Component Amplifier w/ Navigation System) (From Jan. 2012 Production), Multi–Display (From Jan. 2012 Production), Navigation System (From Jan. 2012 Production) and Parking Assist (Rear View Monitor) (From Jan. 2012 Production)



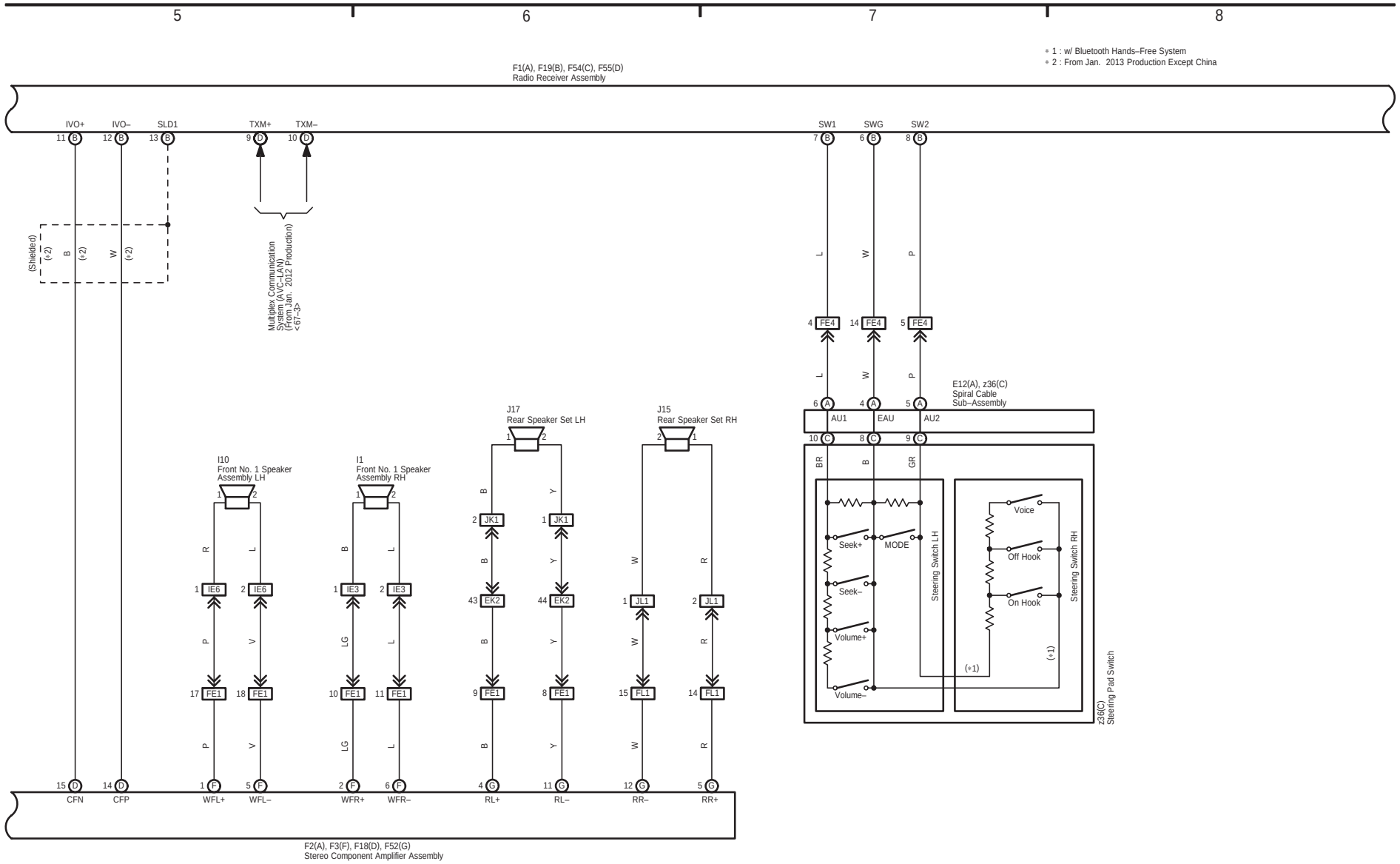
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/o Navigation System) (From Jan. 2012 Production)

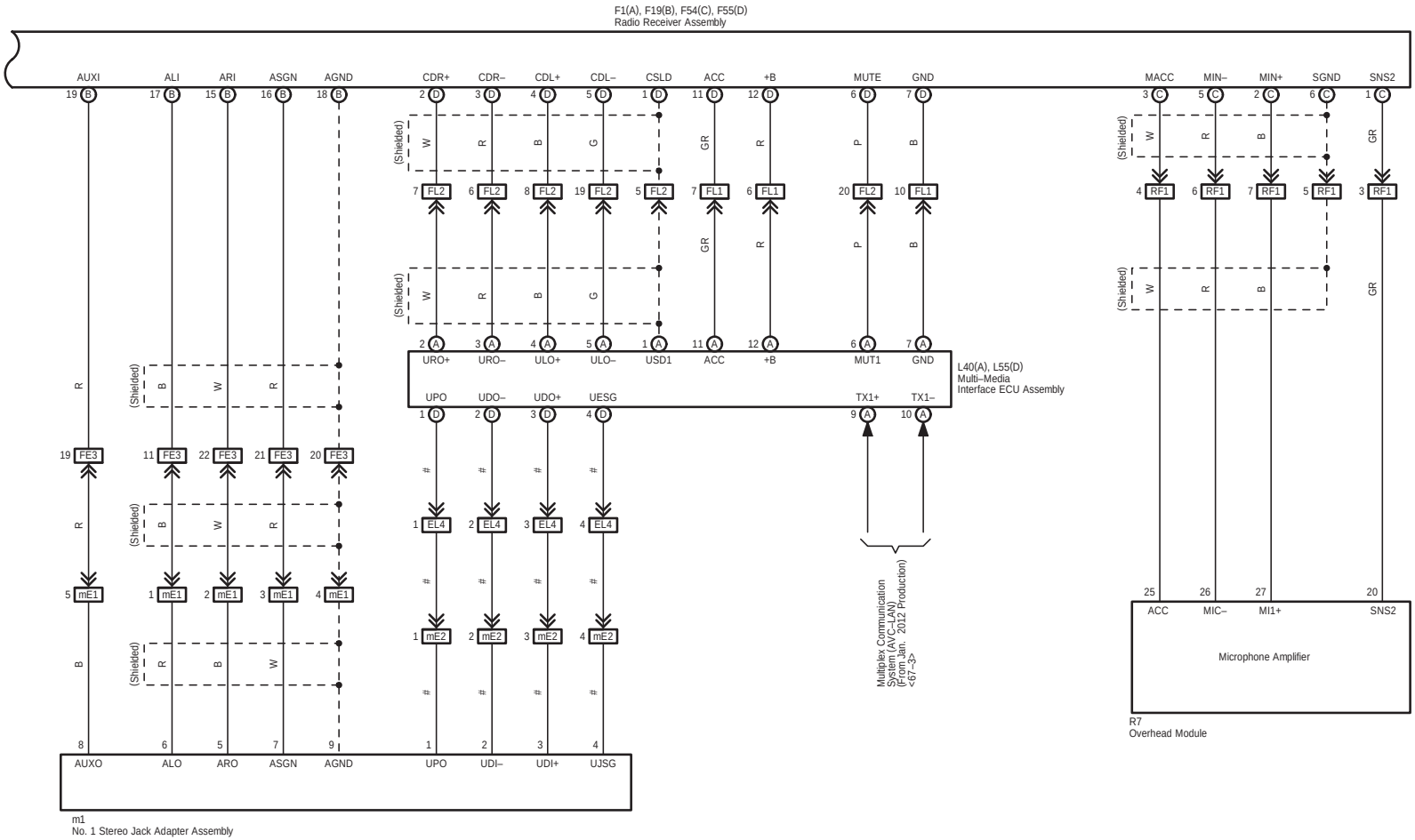


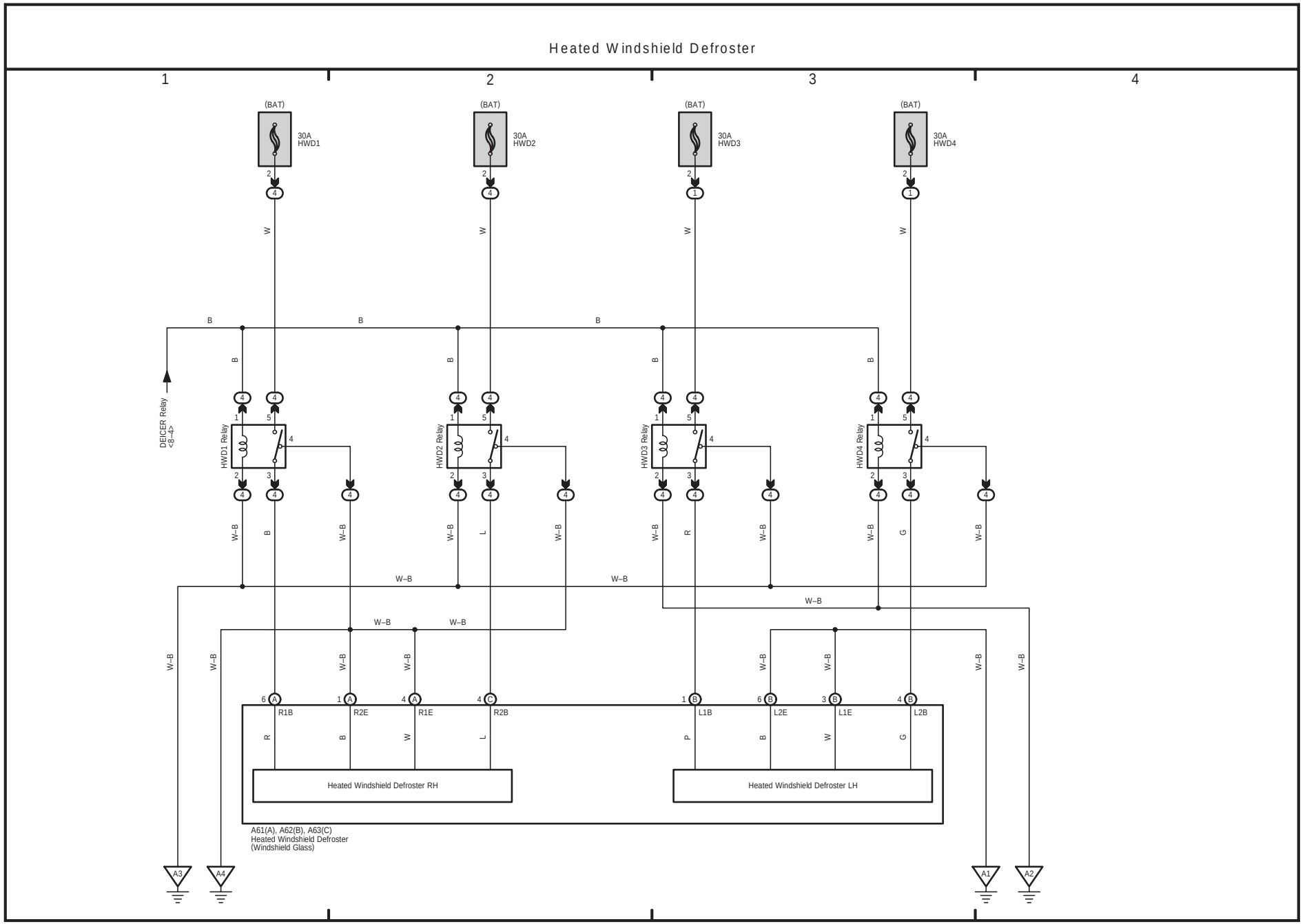
(Cont. next page)

Audio System (w/ Stereo Component Amplifier w/o Navigation System) (From Jan. 2012 Production)



Audio System (w/ Stereo Component Amplifier w/o Navigation System) (From Jan. 2012 Production)

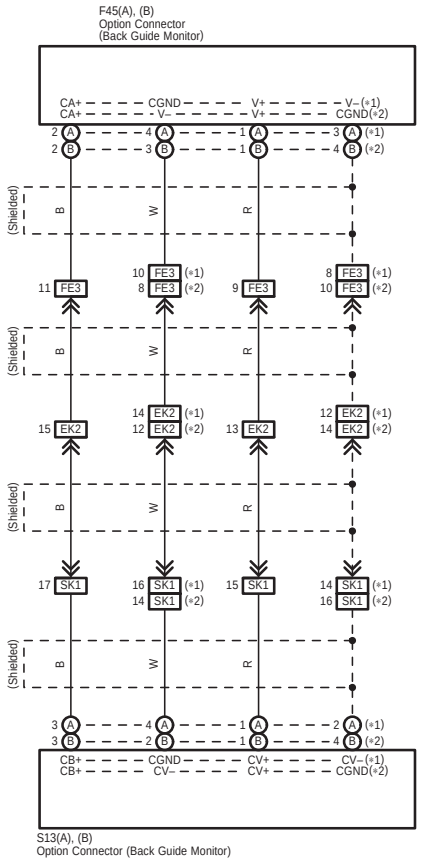



Heated Windshield Defroster
1
2
3
4
(BAT)
30A HWD1
30A HWD2
30A HWD3
30A HWD4
W
B
DEICER Relay <8-4>
HWD1 Relay
HWD2 Relay
HWD3 Relay
HWD4 Relay
W–B
L
R
G
R1B
R2E
R1E
R2B
L1B
L2E
L1E
L2B
P
Heated Windshield Defroster RH
Heated Windshield Defroster LH
A61(A), A62(B), A63(C)
Heated Windshield Defroster
(Windshield Glass)
A1
A2
A3
A4

Option Connector
(Parking Assist (Back Guide Monitor))

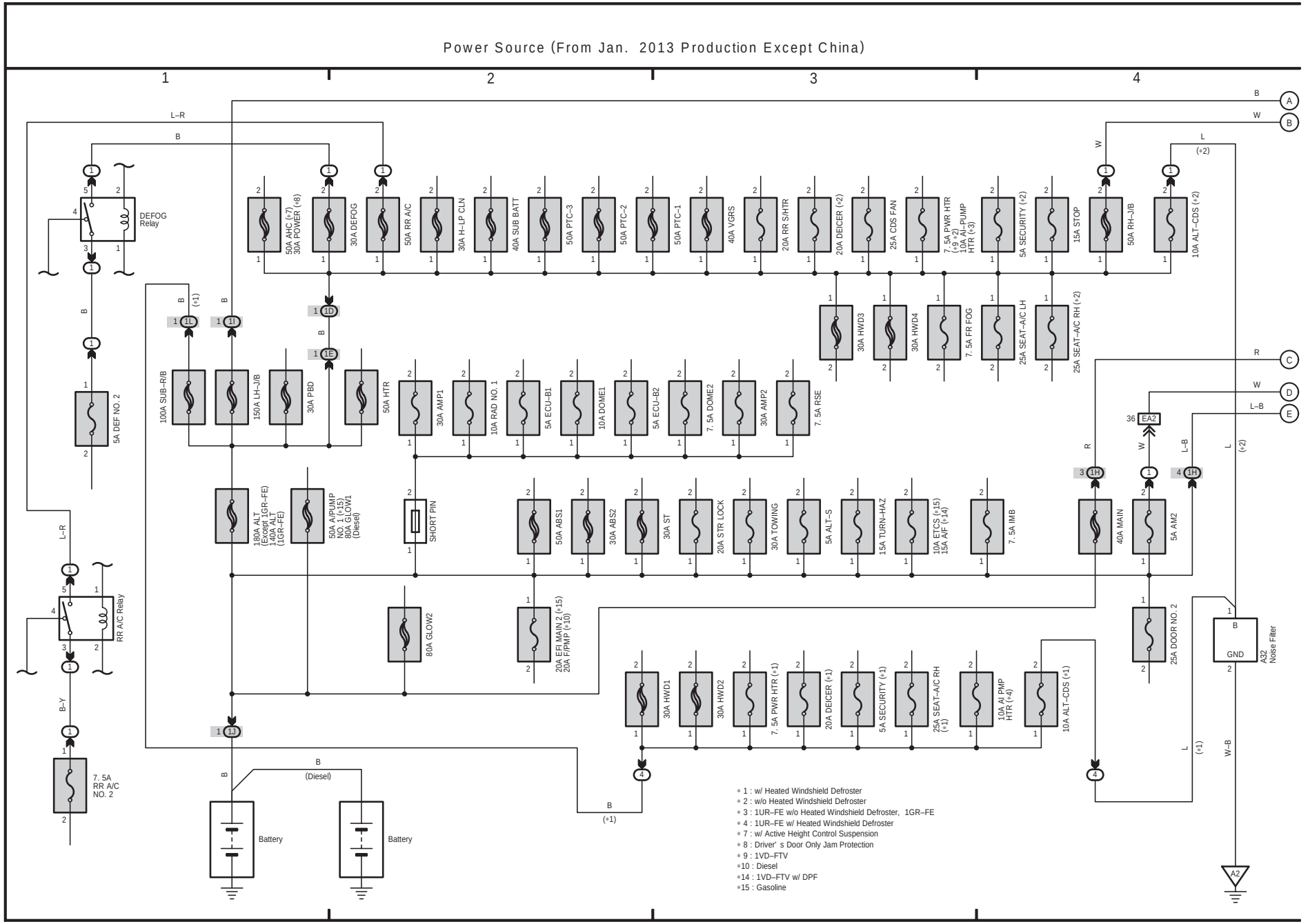
1 2 3 4

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



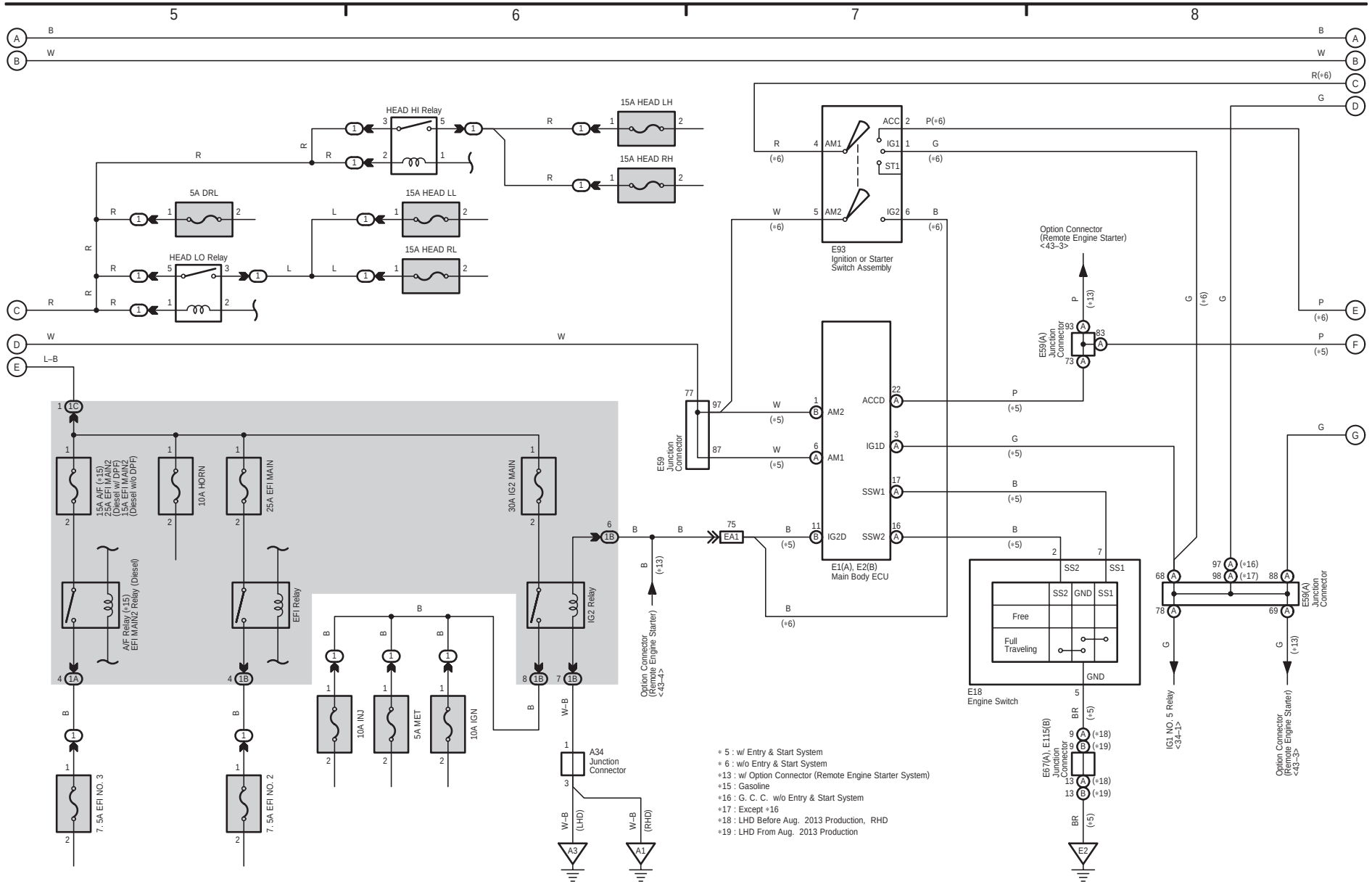
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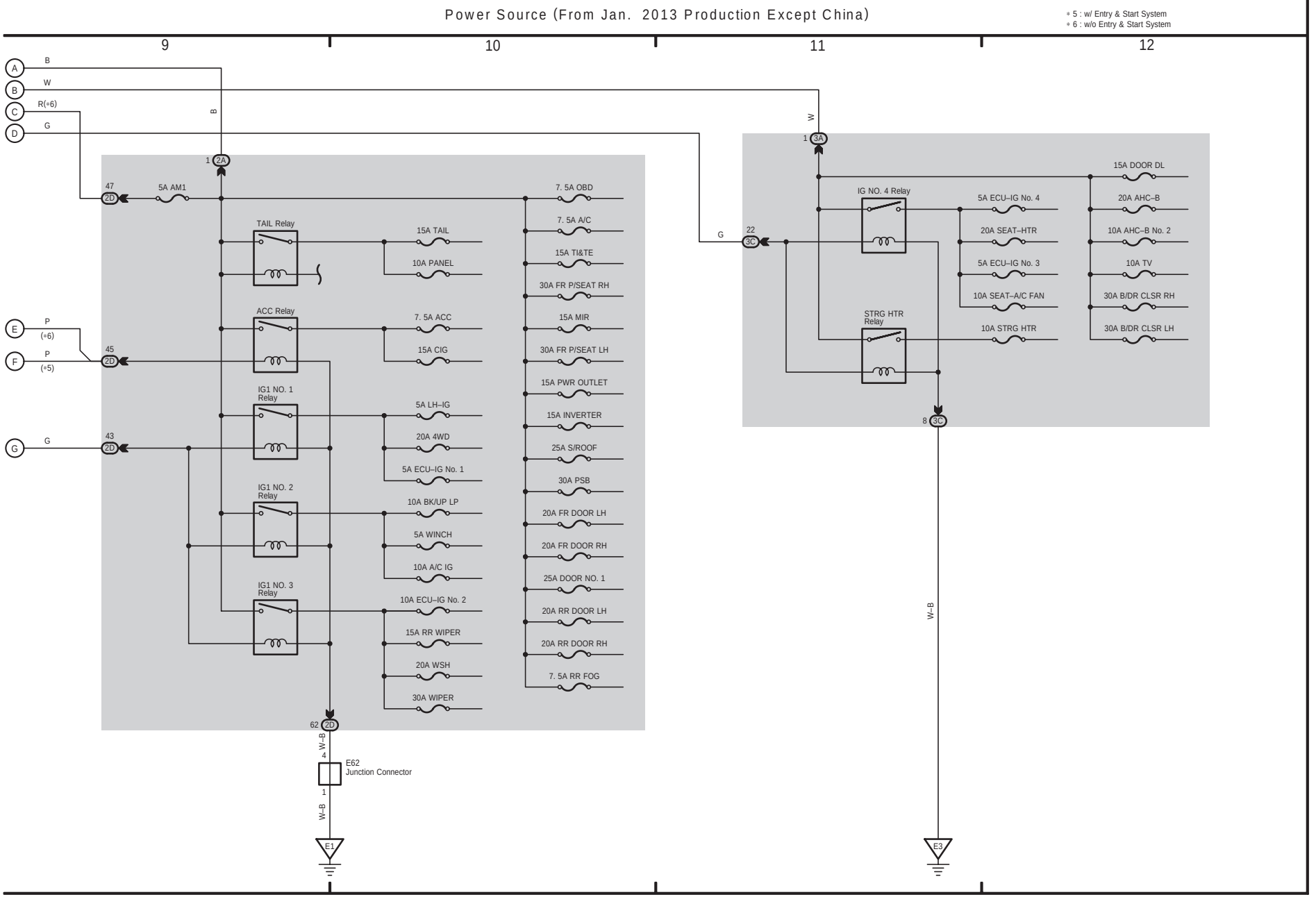
Power Source (From Jan. 2013 Production Except China)



(Cont. next page)

Power Source (From Jan. 2013 Production Except China)

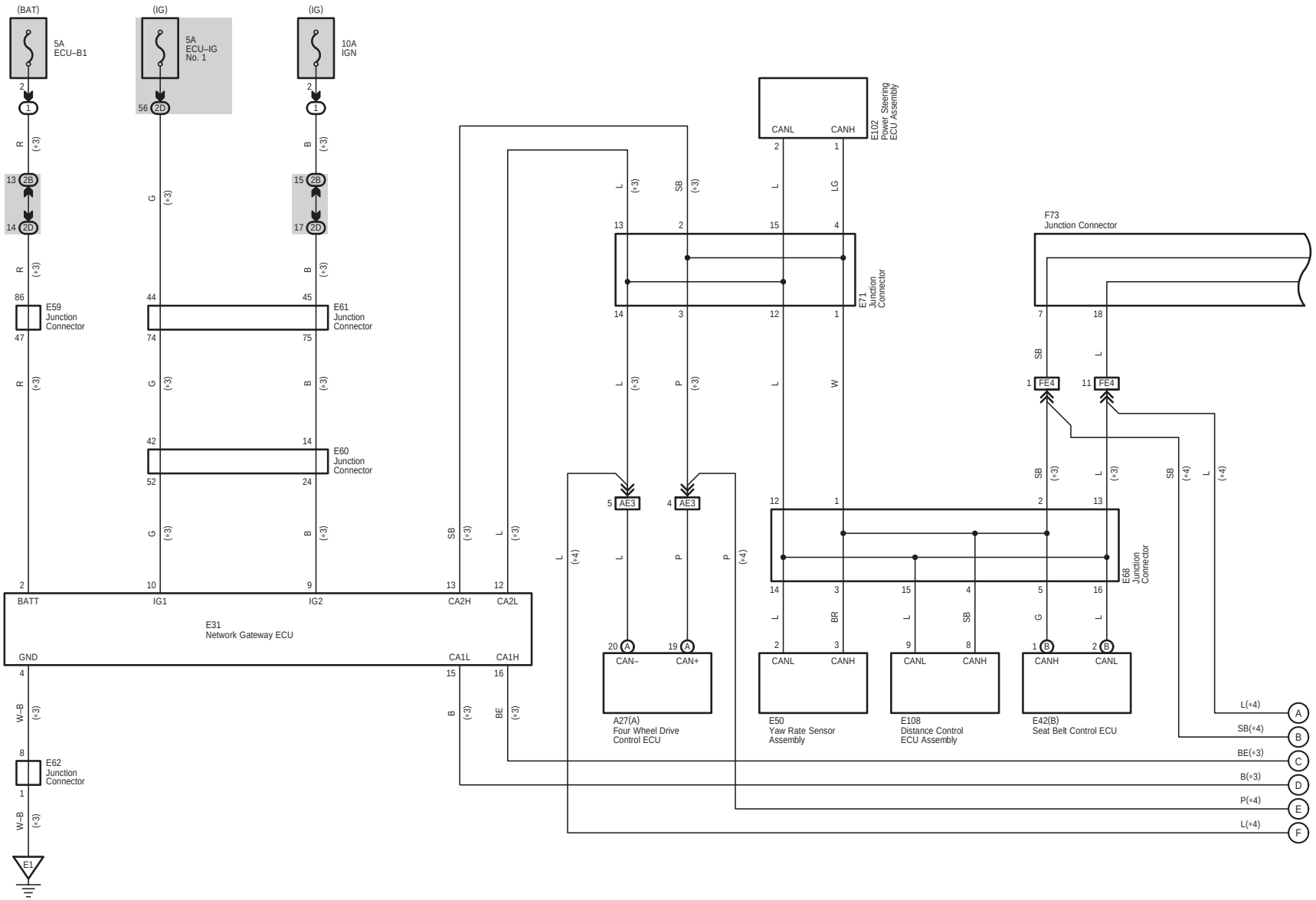



Power Source (From Jan. 2013 Production Except China)
* 5 : w/ Entry & Start System
* 6 : w/o Entry & Start System
9
10
11
12
A
B
W
R(*6)
C
D
G
B
W
1 2A
47 2D
5A AM1
TAIL Relay
ACC Relay
IG1 NO. 1 Relay
IG1 NO. 2 Relay
IG1 NO. 3 Relay
15A TAIL
10A PANEL
7. 5A ACC
15A CIG
5A LH–IG
20A 4WD
5A ECU–IG No. 1
10A BK/UP LP
5A WINCH
10A A/C IG
10A ECU–IG No. 2
15A RR WIPER
20A WSH
30A WIPER
7. 5A OBD
7. 5A A/C
15A TI&TE
30A FR P/SEAT RH
15A MIR
30A FR P/SEAT LH
15A PWR OUTLET
15A INVERTER
25A S/ROOF
30A PSB
20A FR DOOR LH
20A FR DOOR RH
25A DOOR NO. 1
20A RR DOOR LH
20A RR DOOR RH
7. 5A RR FOG
E P (*6)
F P (*5)
45 2D
G G
43 2D
62 2D
W–B
4
E62
Junction Connector
1
W–B
E1
1 3A
IG NO. 4 Relay
STRG HTR Relay
22 3C
8 3C
5A ECU–IG No. 4
20A SEAT–HTR
5A ECU–IG No. 3
10A SEAT–A/C FAN
10A STRG HTR
15A DOOR DL
20A AHC–B
10A AHC–B No. 2
10A TV
30A B/DR CLSR RH
30A B/DR CLSR LH
W–B
E3

(Cont. next page)

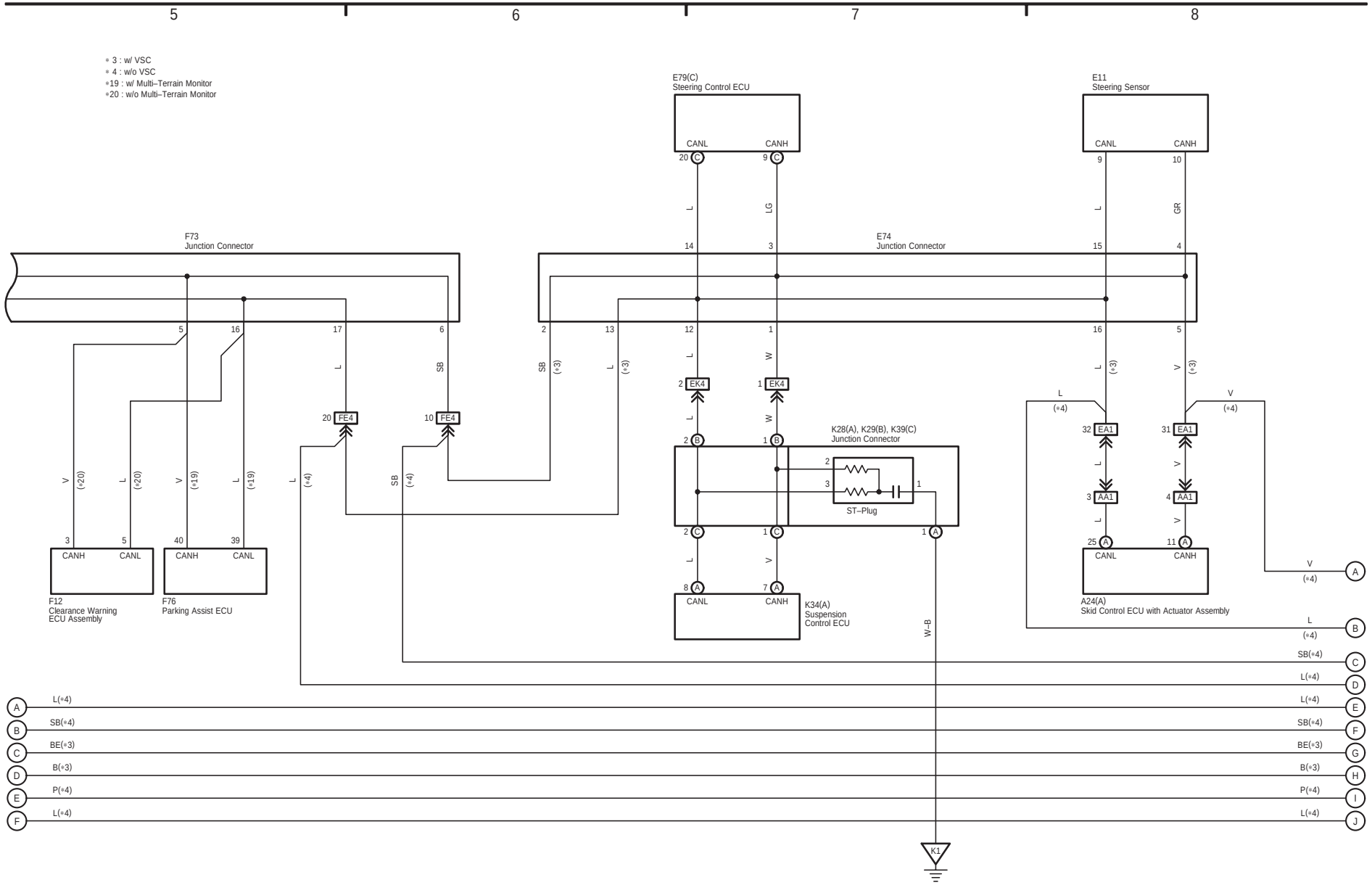
Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)

* 3 : w/ VSC
* 4 : w/o VSC



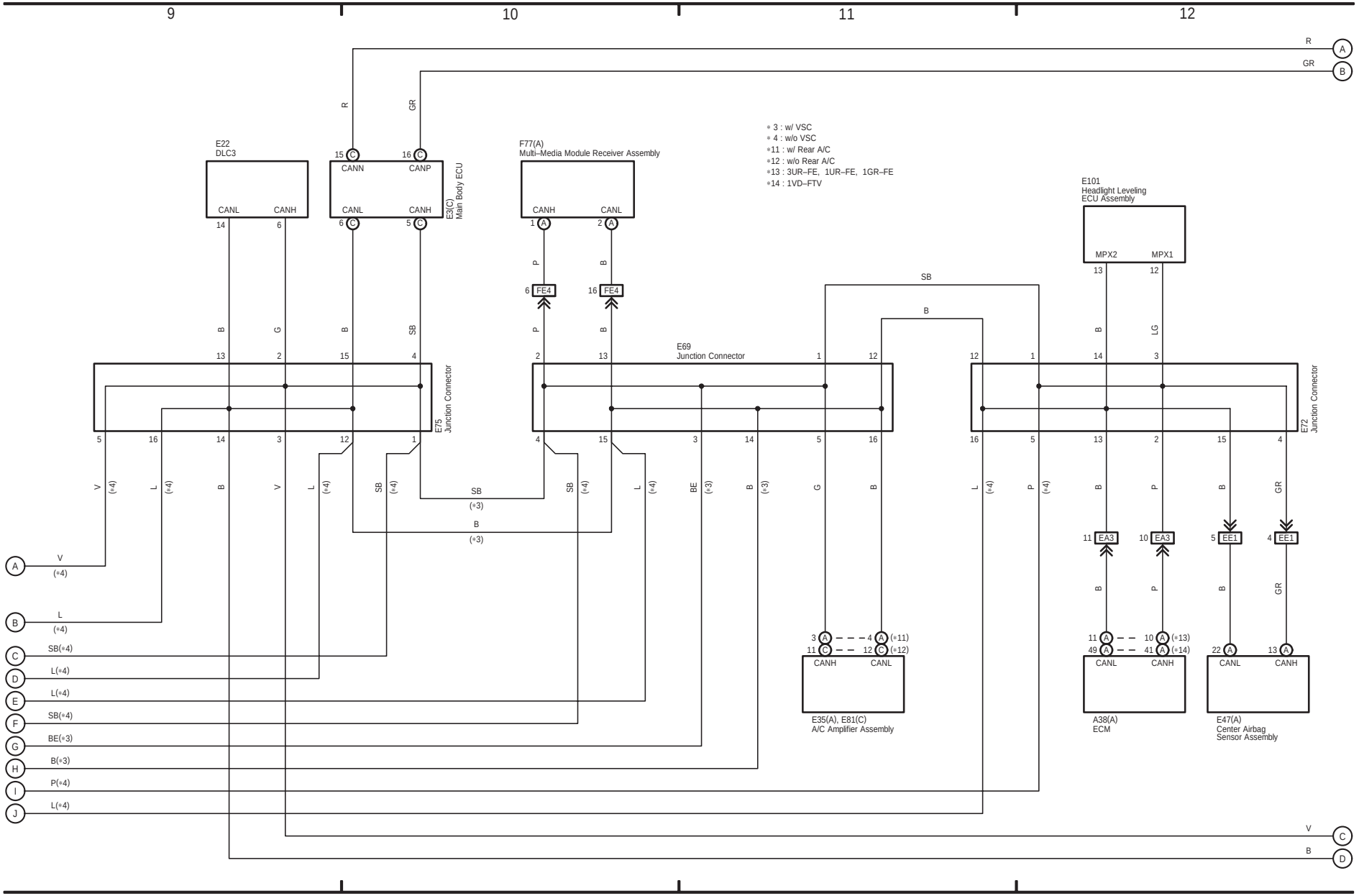
(Cont. next page)

Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)

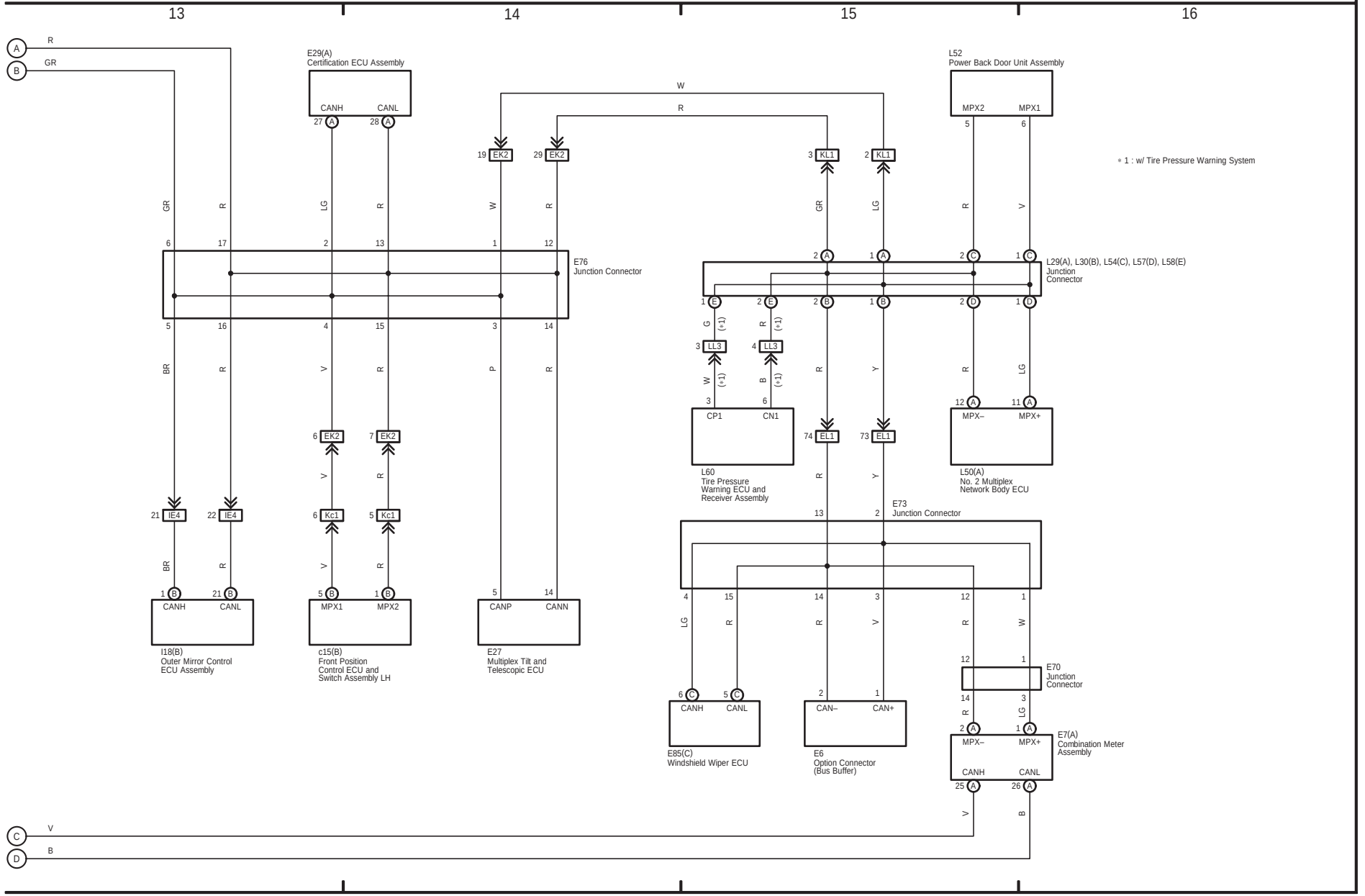


(Cont. next page)

Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)

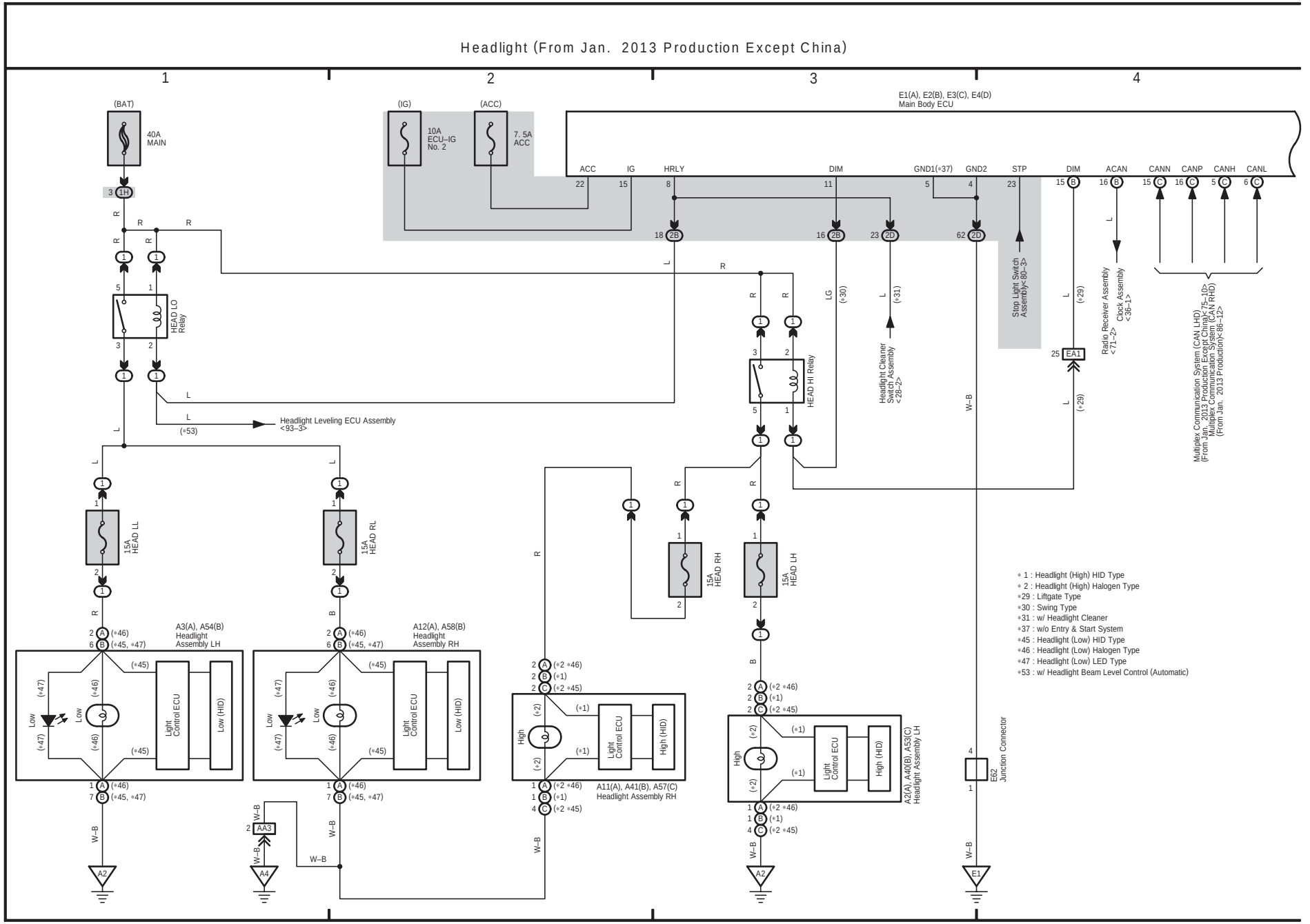


Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)



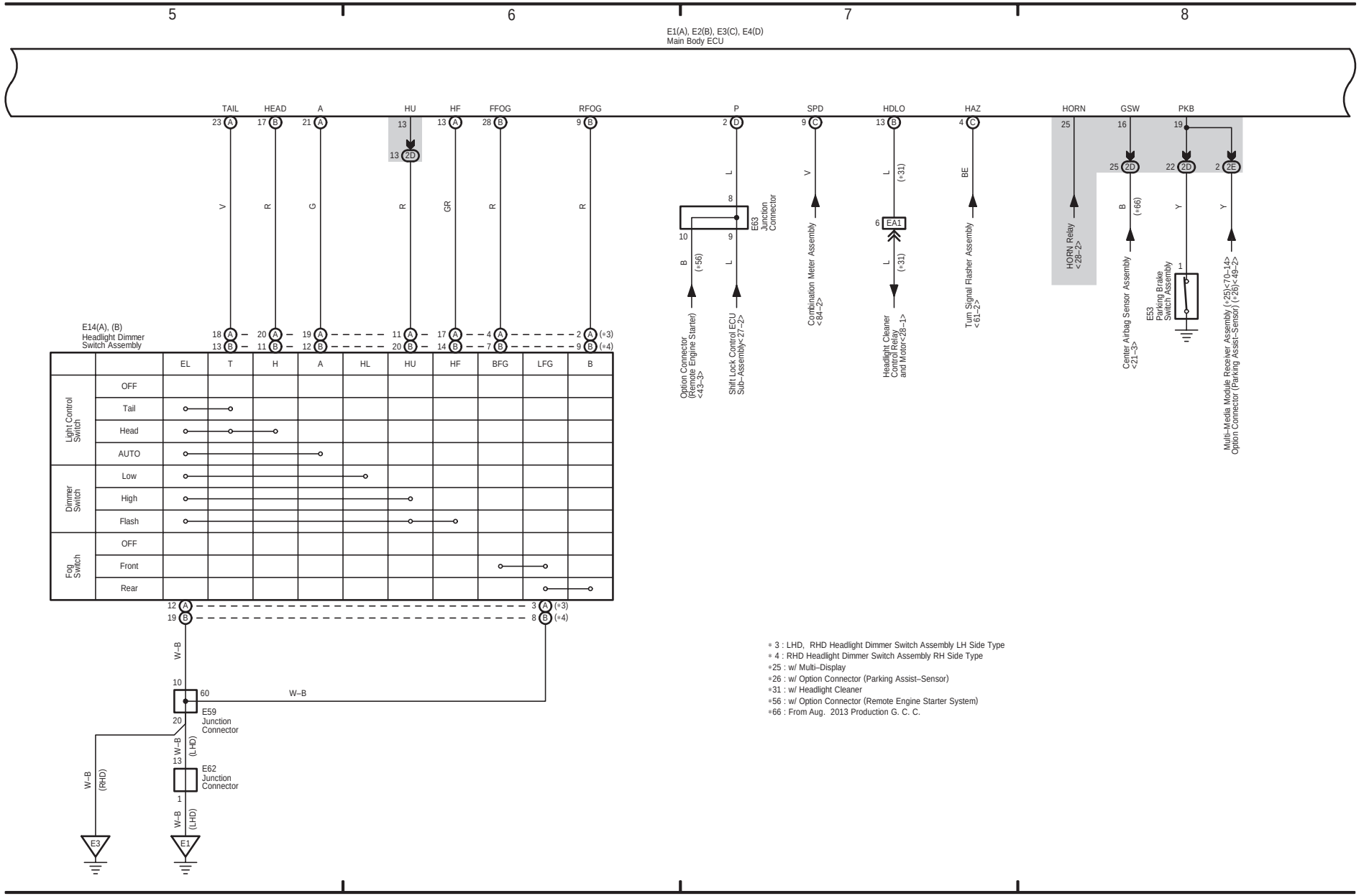
(Cont. next page)

Headlight (From Jan. 2013 Production Except China)

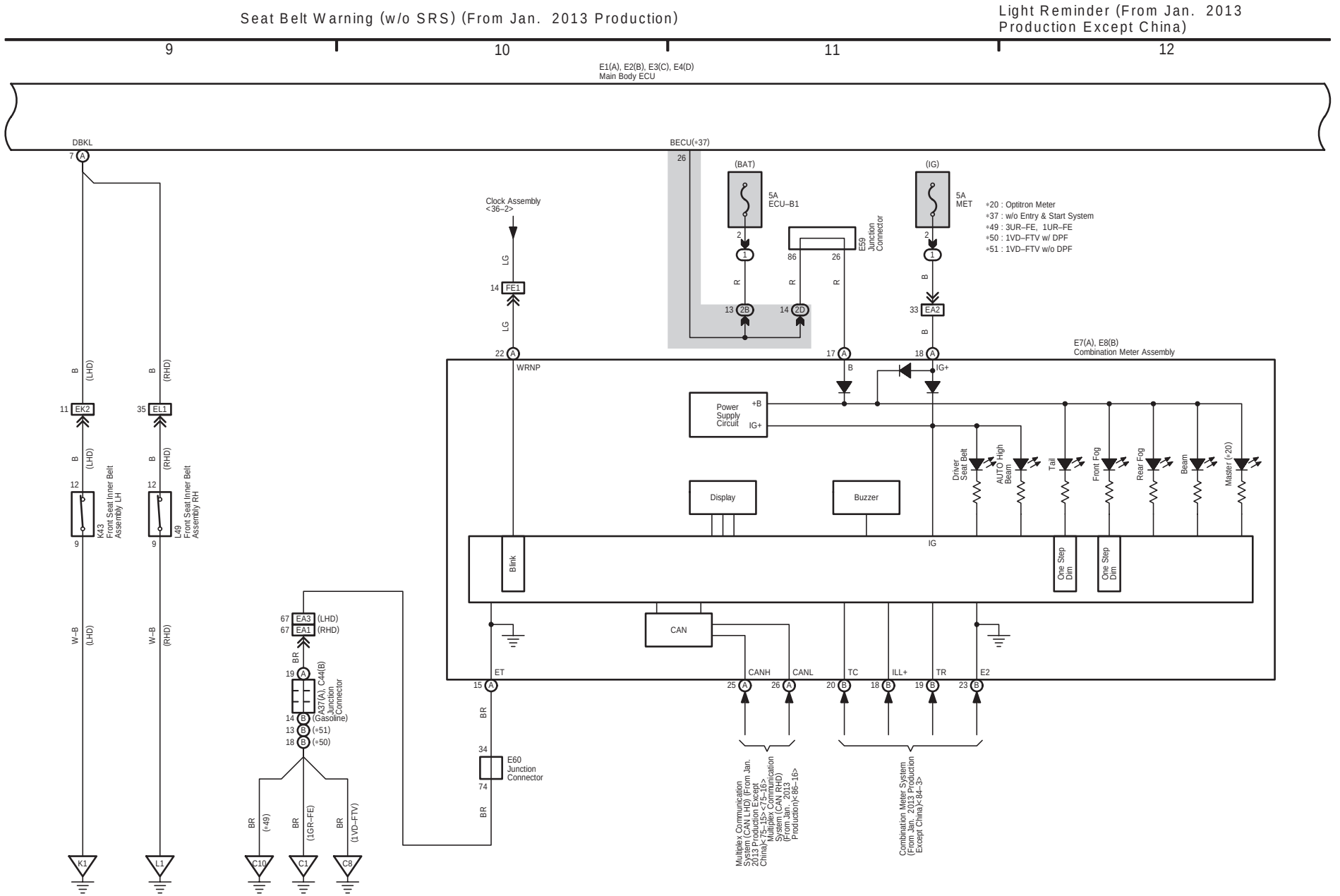


(Cont. next page)

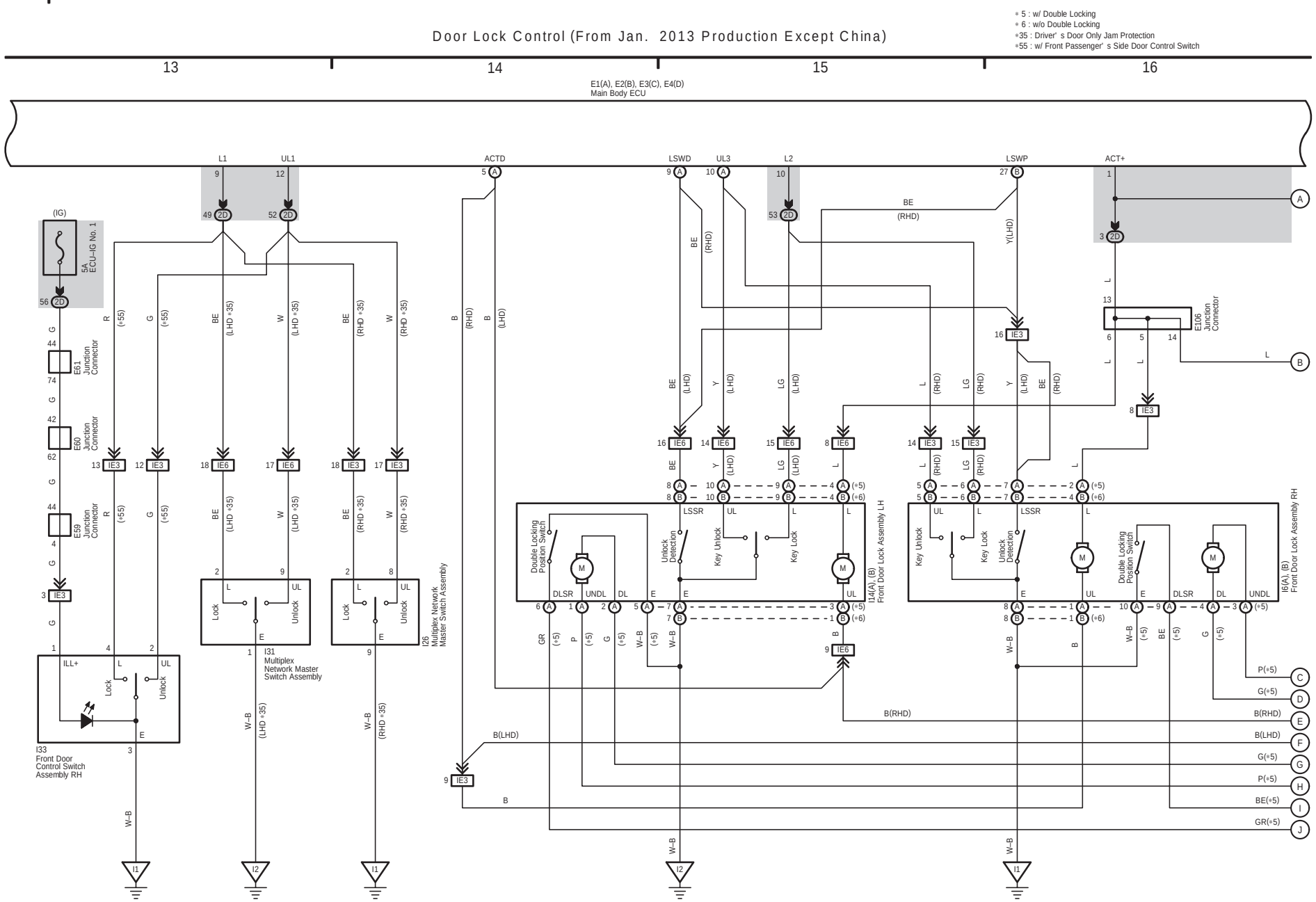
Headlight (From Jan. 2013 Production Except China)



(Cont. next page)



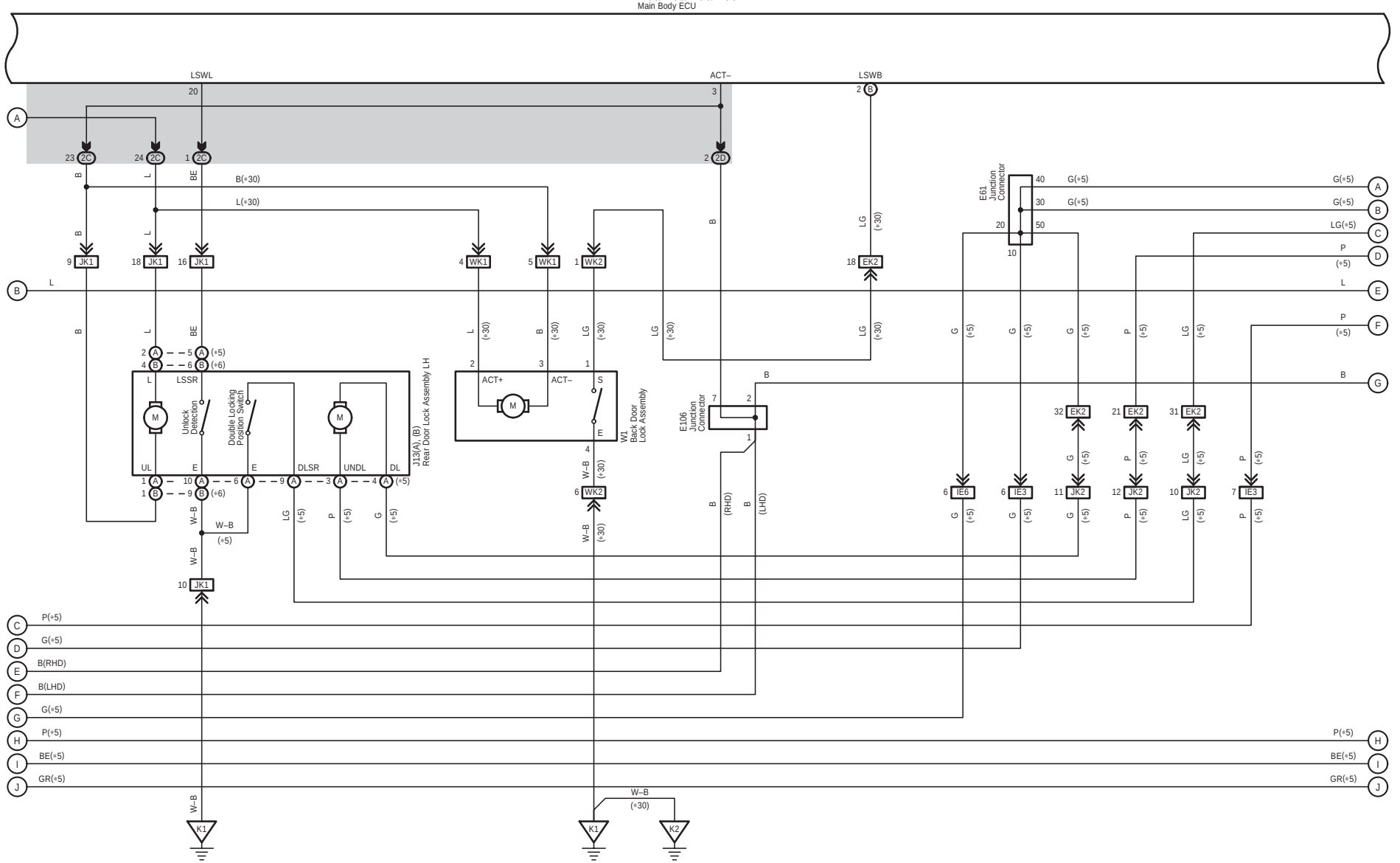
(Cont. next page)



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Door Lock Control (From Jan. 2013 Production Except China)

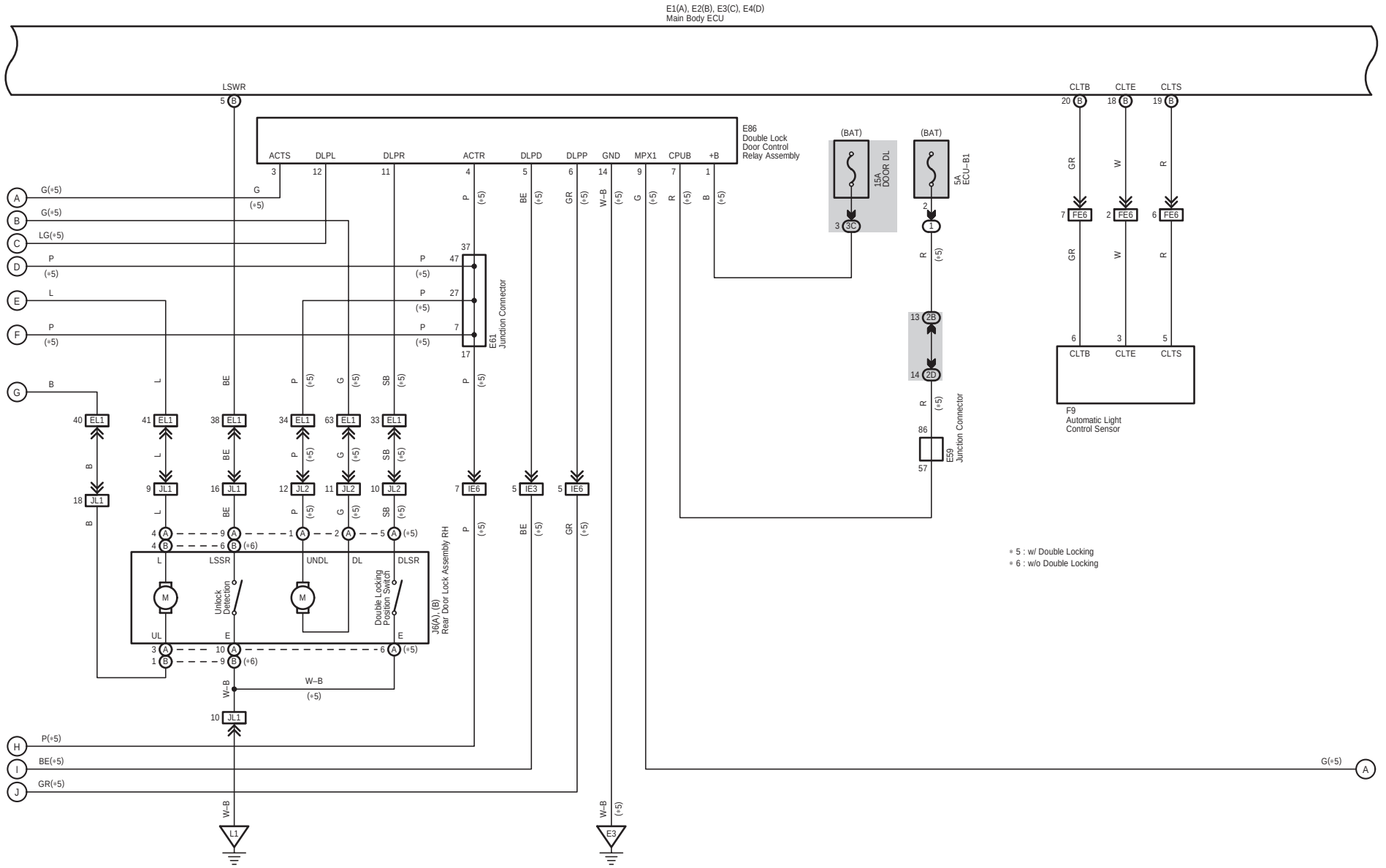
∗ 5 : w/ Double Locking
∗ 6 : w/o Double Locking
∗30 : Swing Type



(Cont. next page)

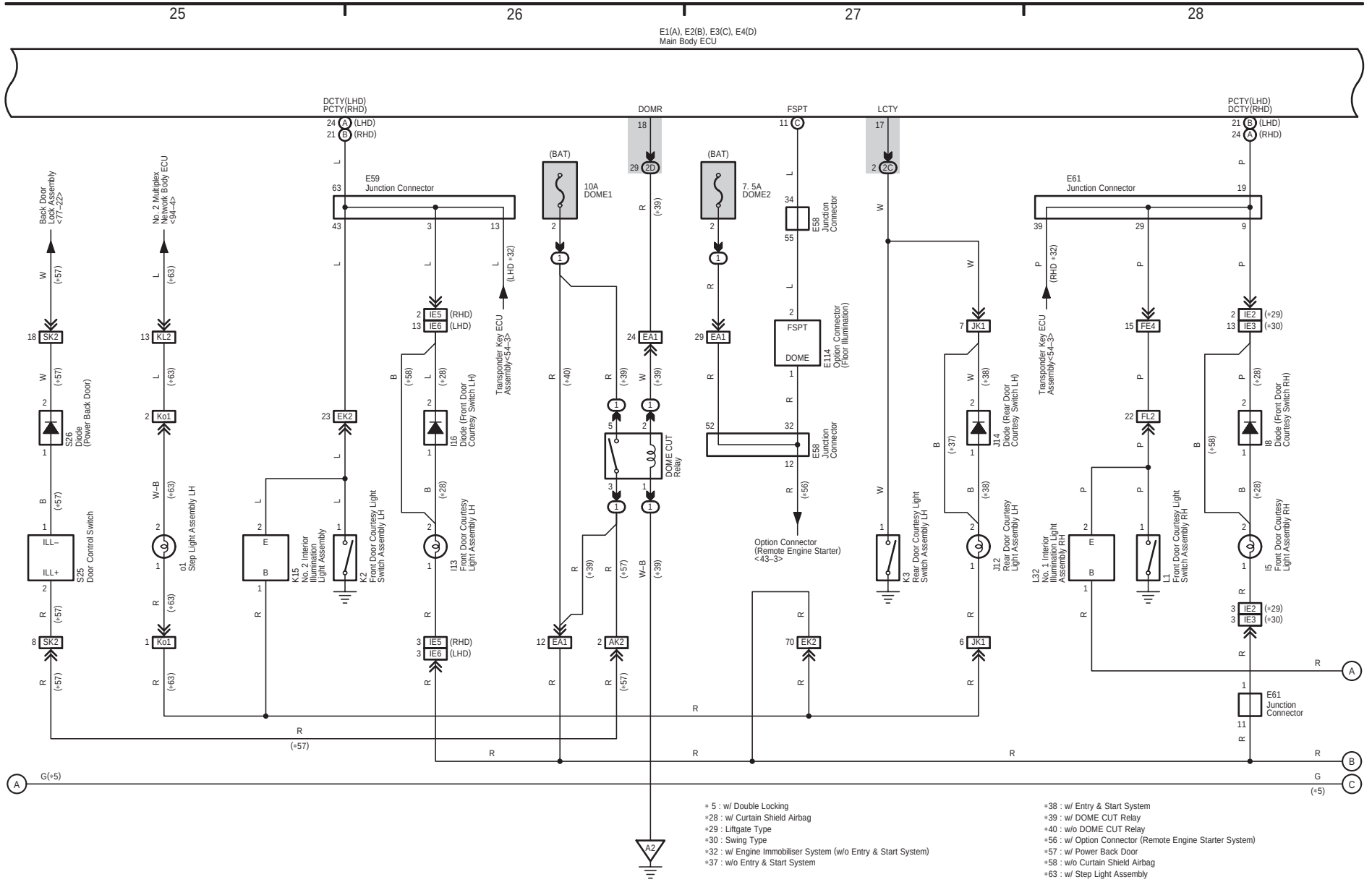
Door Lock Control (From Jan. 2013 Production Except China) | Double Locking (From Jan. 2013 Production) | Automatic Light Control and Light Auto Turn Off System (From Jan. 2013 Production Except China)

21 | 22 | 23 | 24



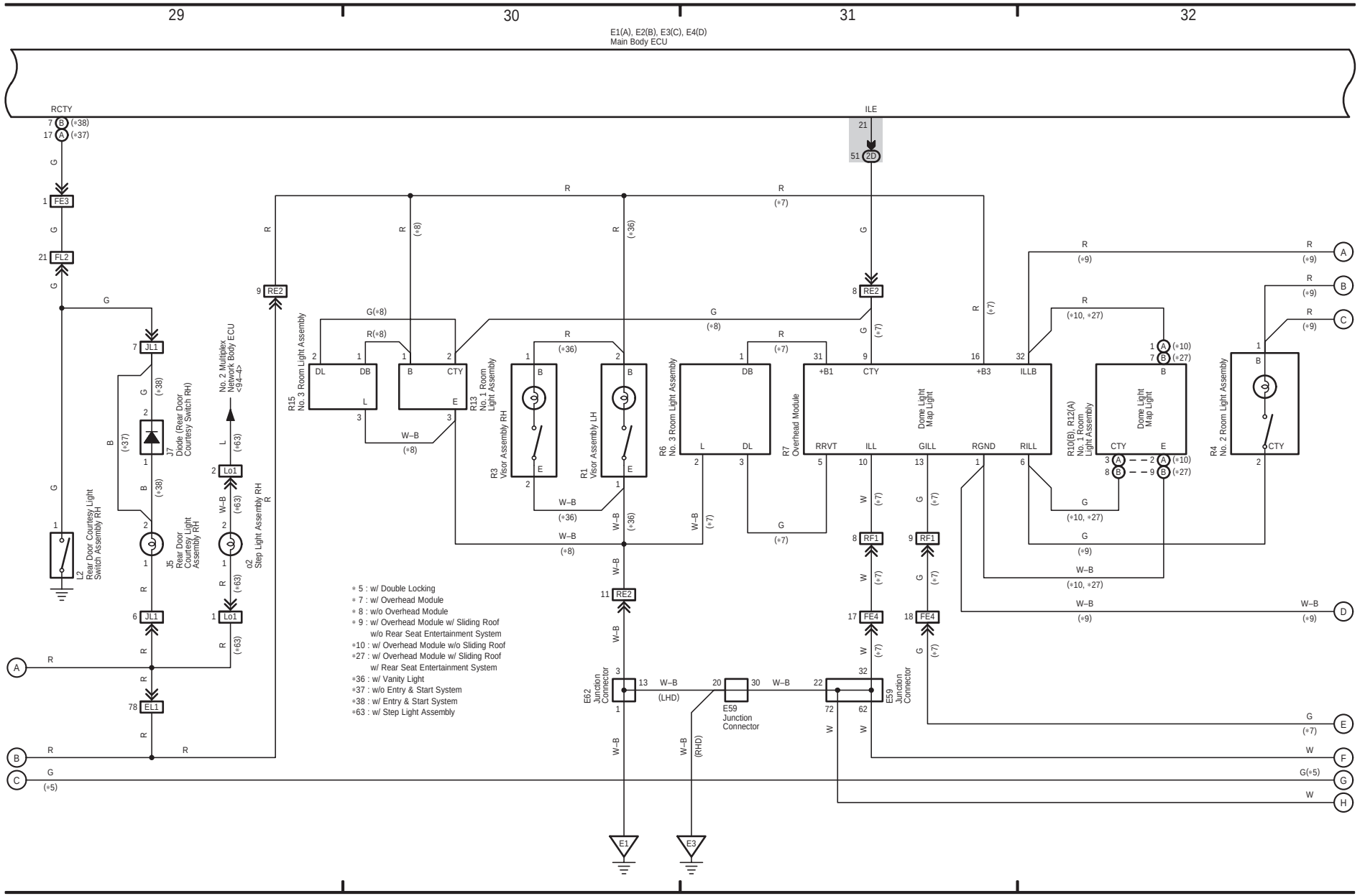
(Cont. next page)

Interior Light (From Jan. 2013 Production Except China)



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Interior Light (From Jan. 2013 Production Except China)

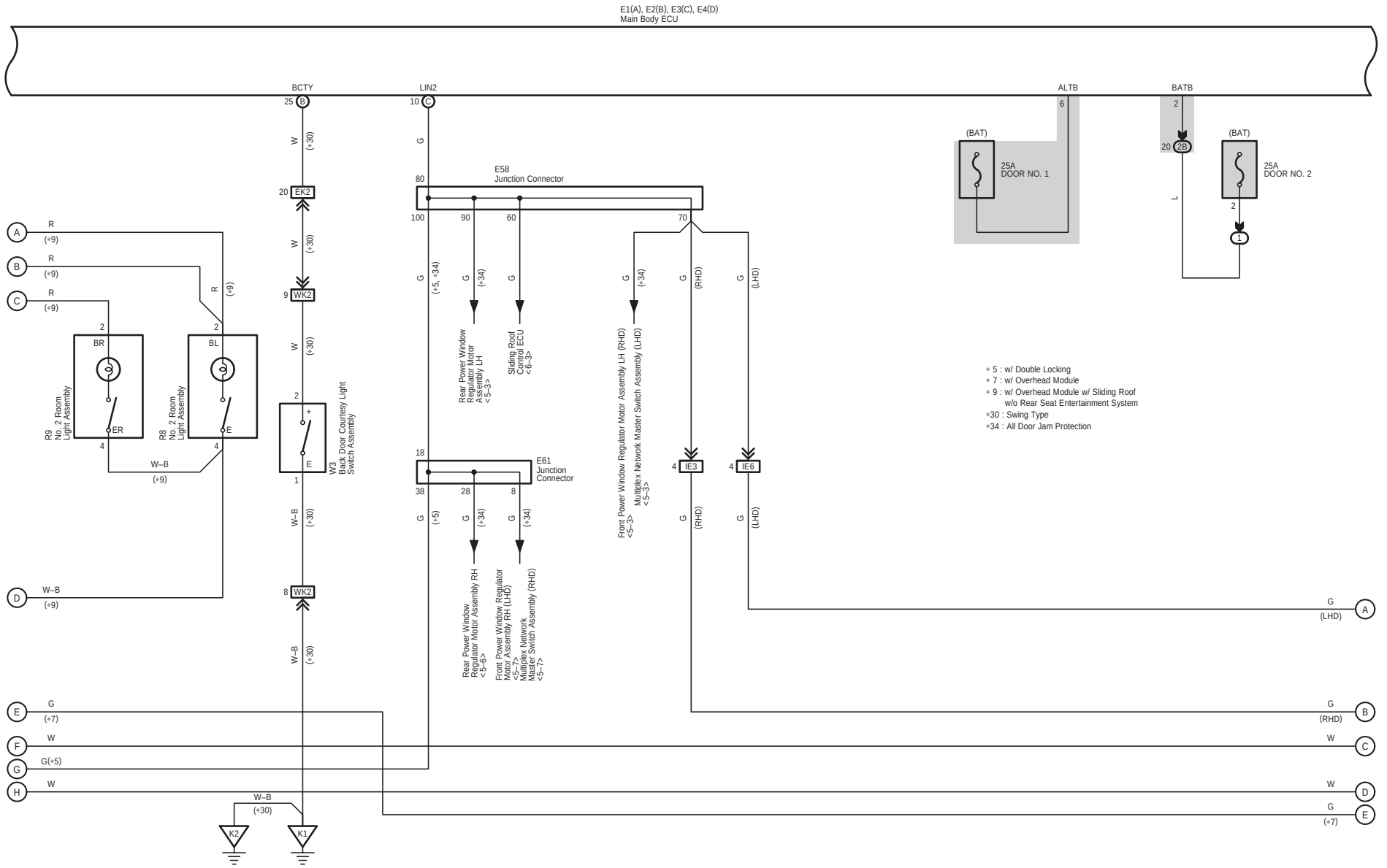


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Interior Light (From Jan. 2013 Production Except China)

Power Window (Driver' s Door Only Jam Protection) (From Jan. 2013 Production)

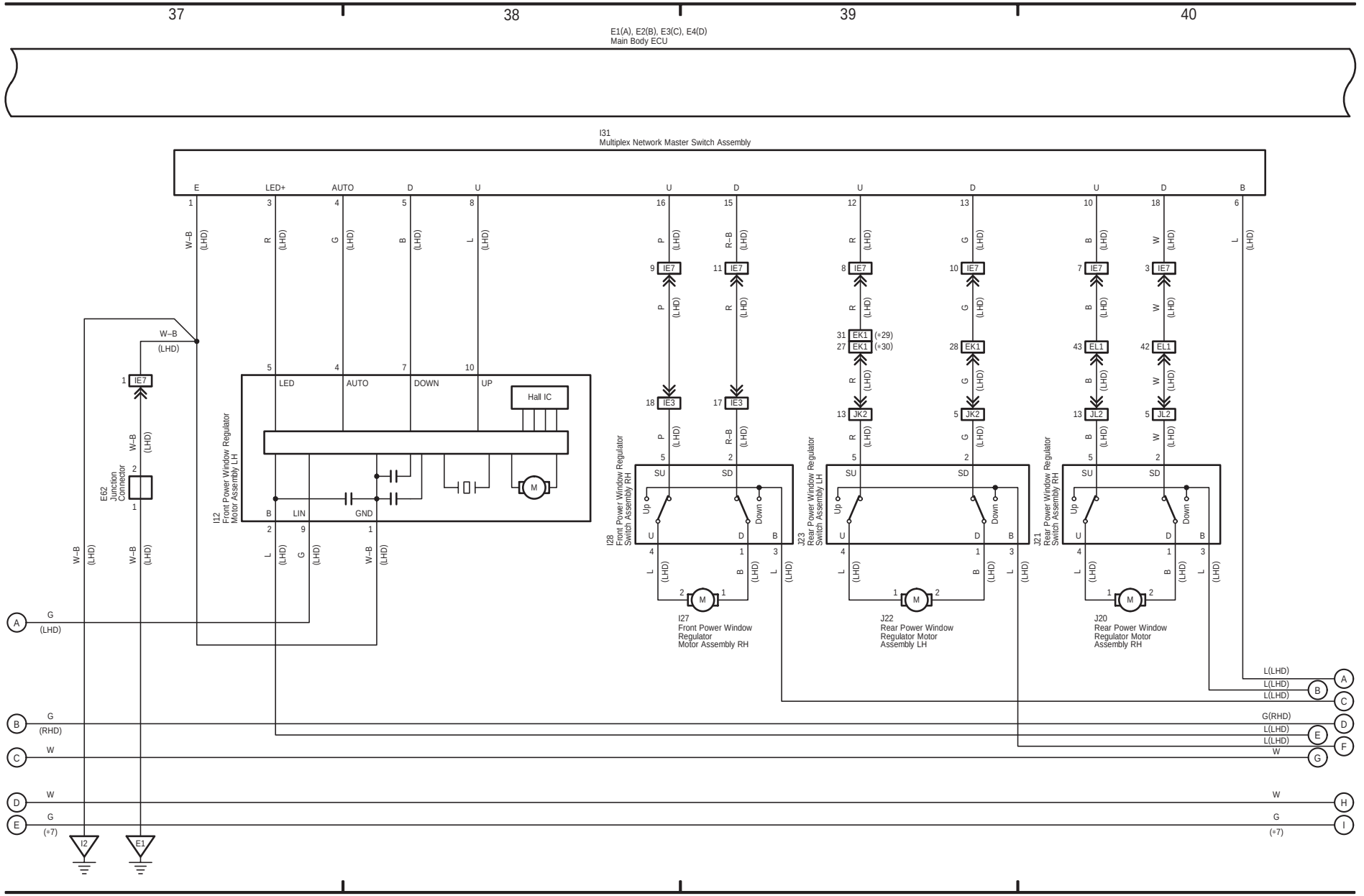
33 34 35 36



(Cont. next page)

Power Window (Driver' s Door Only Jam Protection)
(From Jan. 2013 Production)

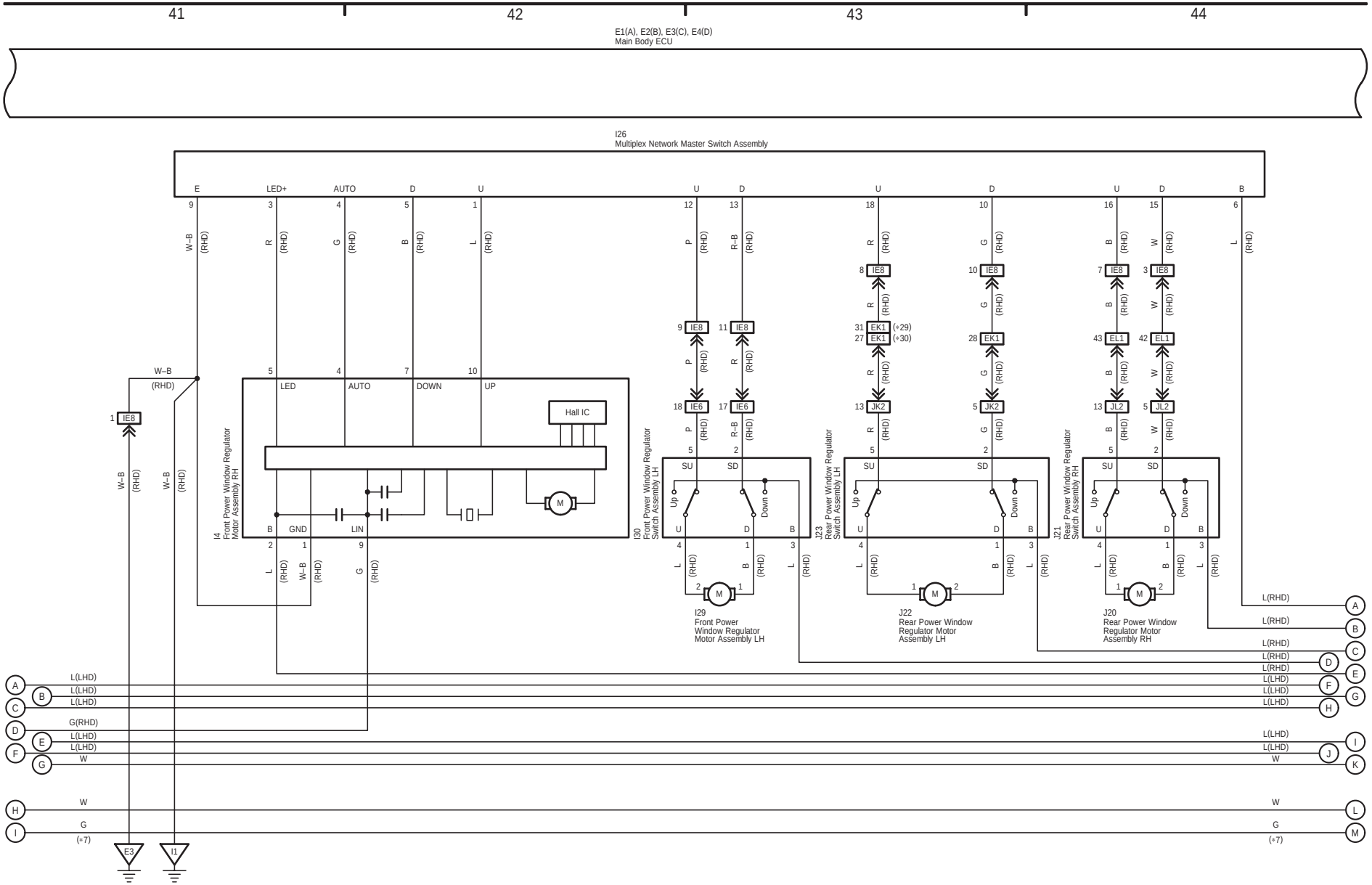
∗ 7 : w/ Overhead Module
∗29 : Liftgate Type
∗30 : Swing Type



(Cont. next page)

Power Window (Driver' s Door Only Jam Protection)
(From Jan. 2013 Production)

∗ 7 : w/ Overhead Module
∗29 : Liftgate Type
∗30 : Swing Type

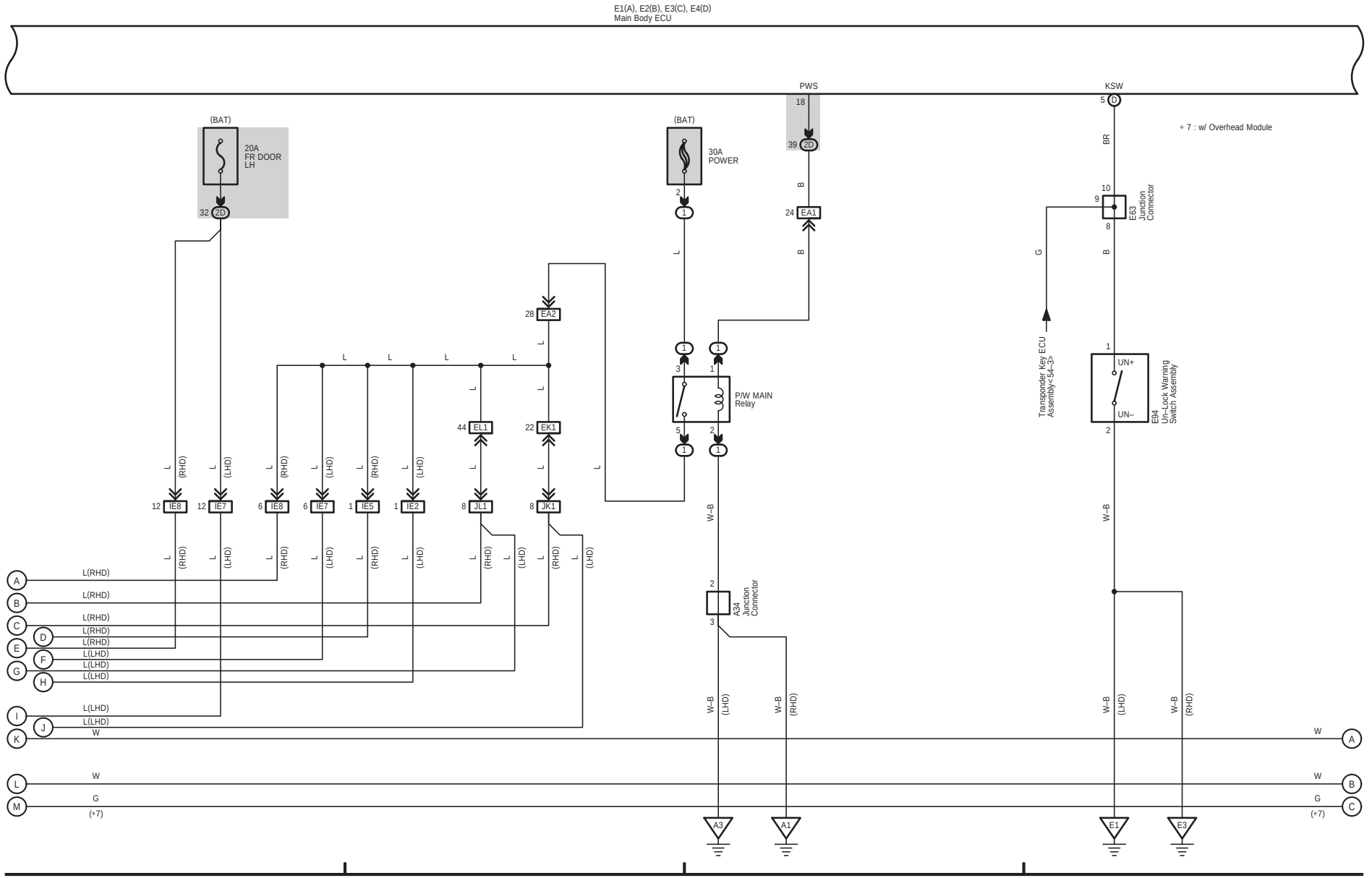


(Cont. next page)

Power Window (Driver' s Door Only Jam Protection)
(From Jan. 2013 Production)

Key Reminder (w/o Entry & Start System)
(From Jan. 2013 Production)

45 46 47 48



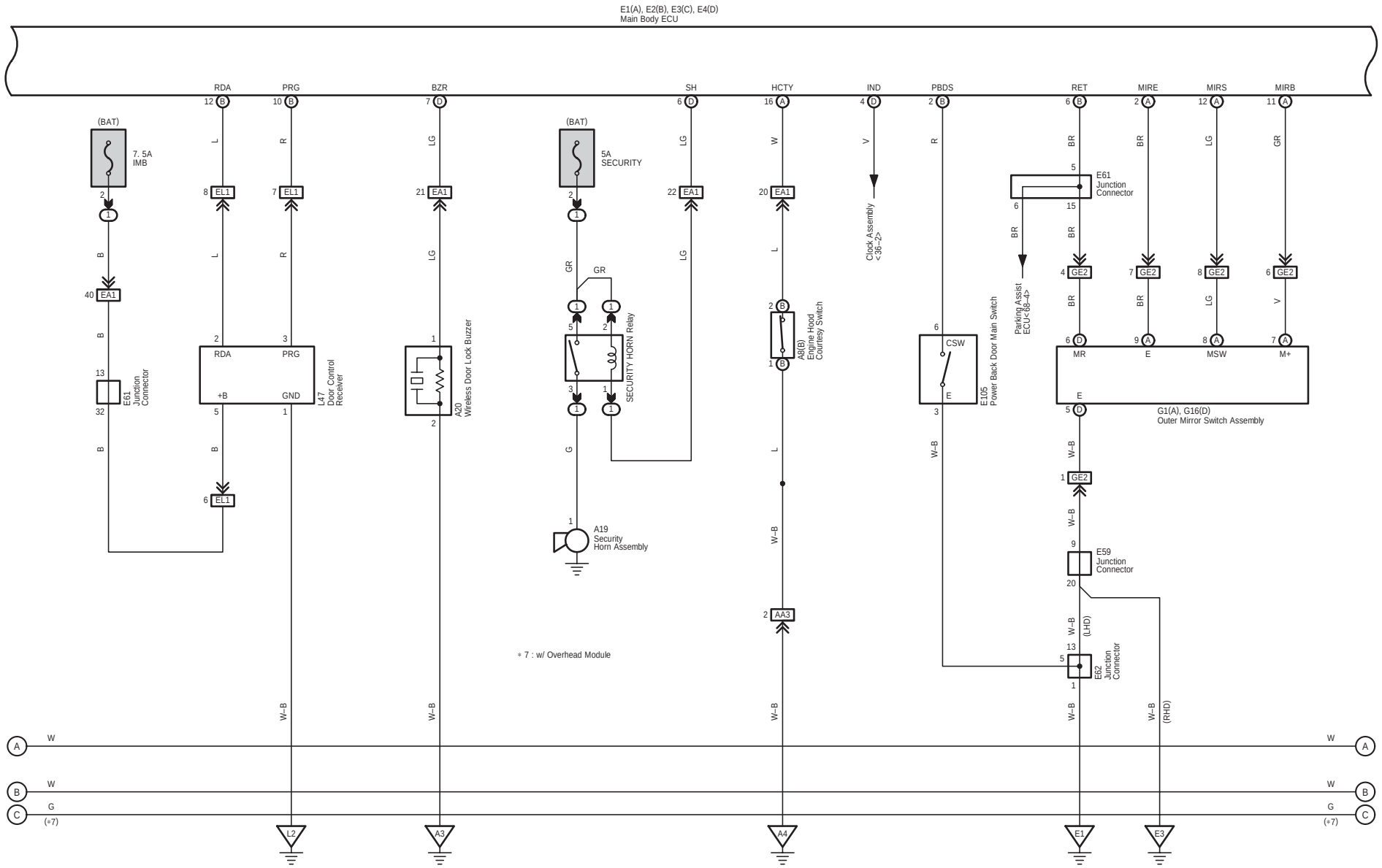
(Cont. next page)

Wireless Door Lock Control (w/o Entry & Start System) (From Jan. 2013 Production) — 49

Theft Deterrent (w/o Entry & Start System) (From Jan. 2013 Production) — 50

Remote Control Mirror (w/ Retractor) (From Jan. 2013 Production Except China) — 51

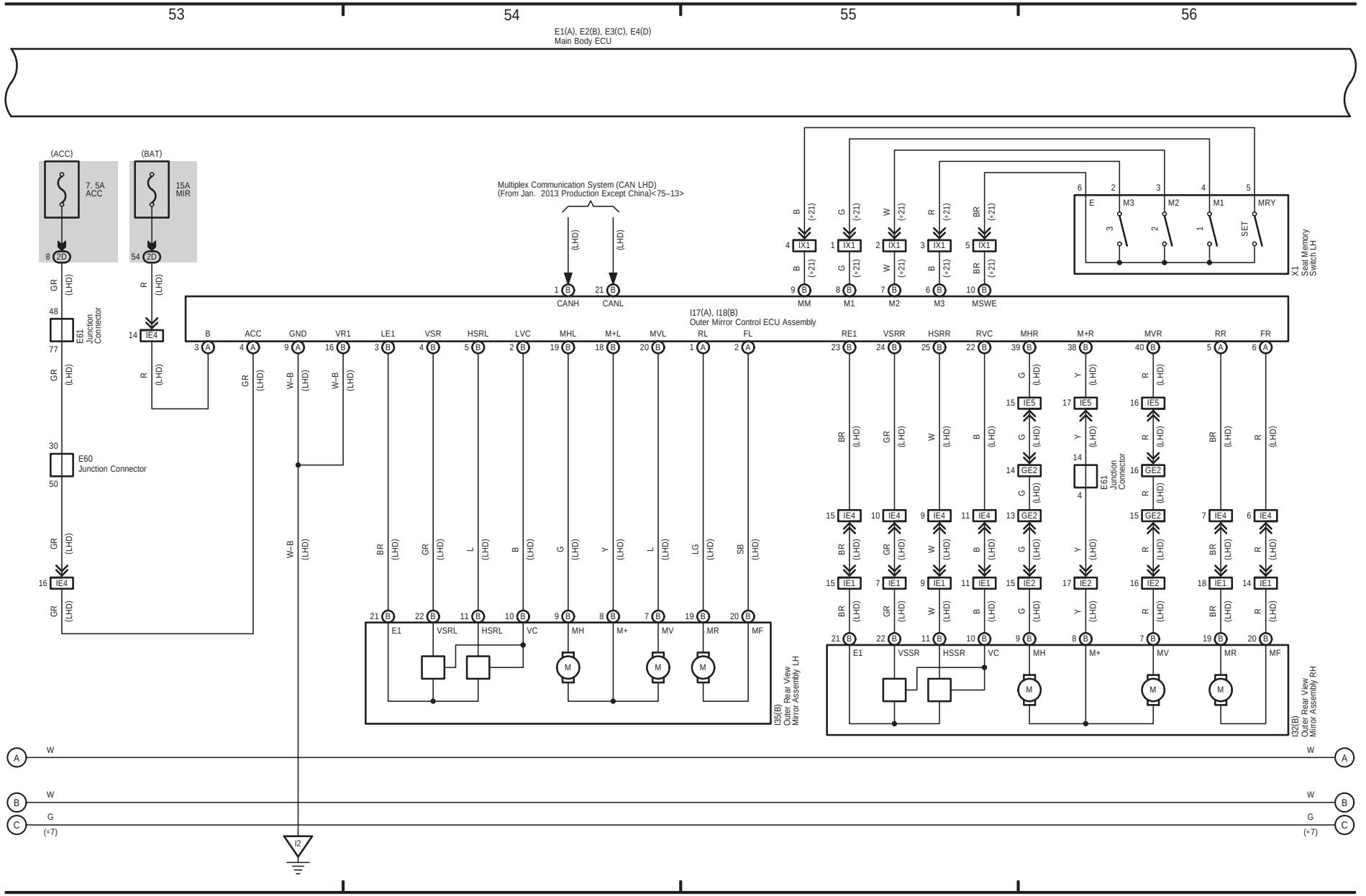
52



(Cont. next page)

Remote Control Mirror (w/ Retractor) (From Jan. 2013 Production Except China)

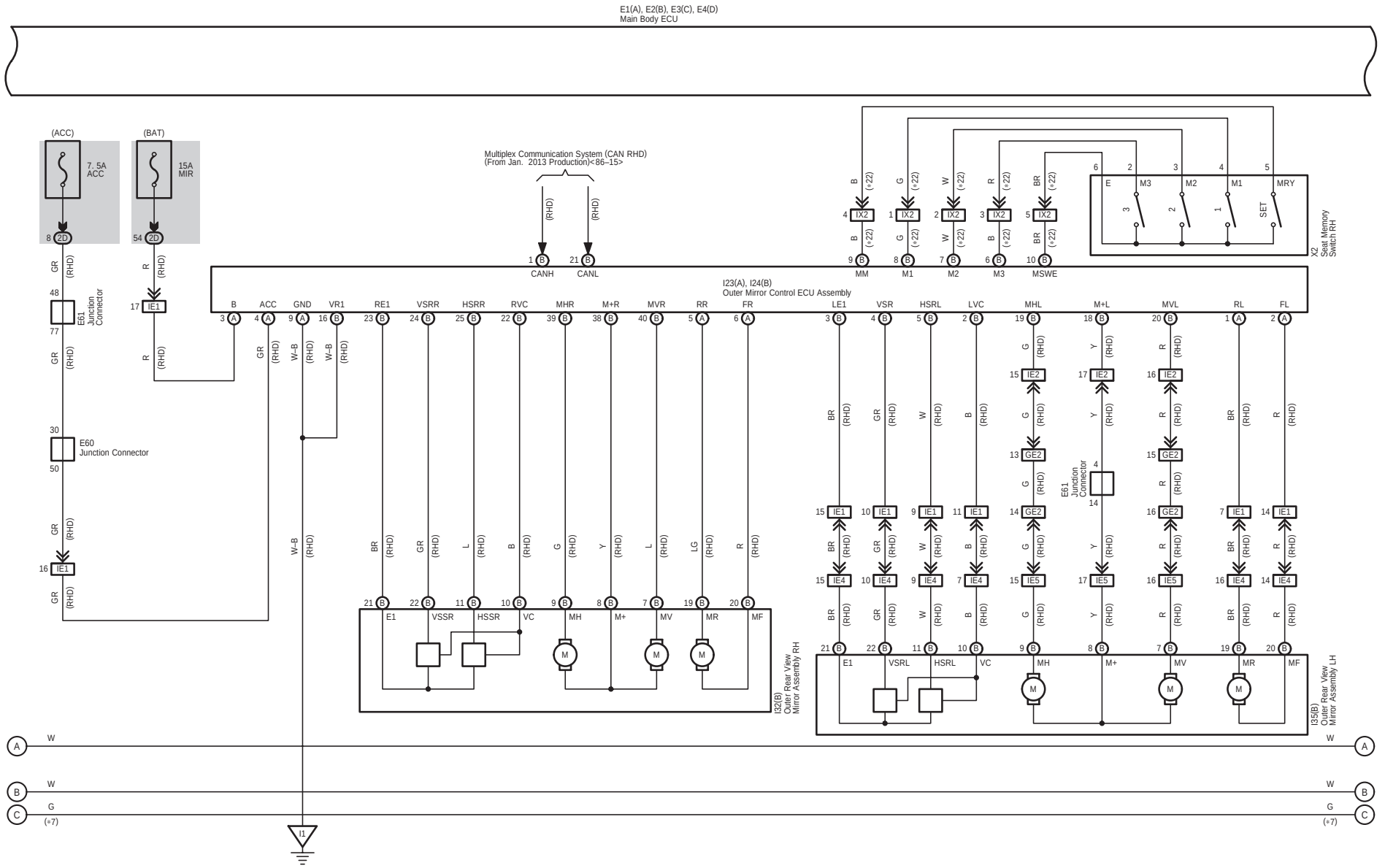
∗ 7 : w/ Overhead Module
∗21 : LHD w/ Seat Position Memory



(Cont. next page)

Remote Control Mirror (w/ Retractor) (From Jan. 2013 Production Except China)

∗ 7 : w/ Overhead Module
∗22 : RHD w/ Seat Position Memory



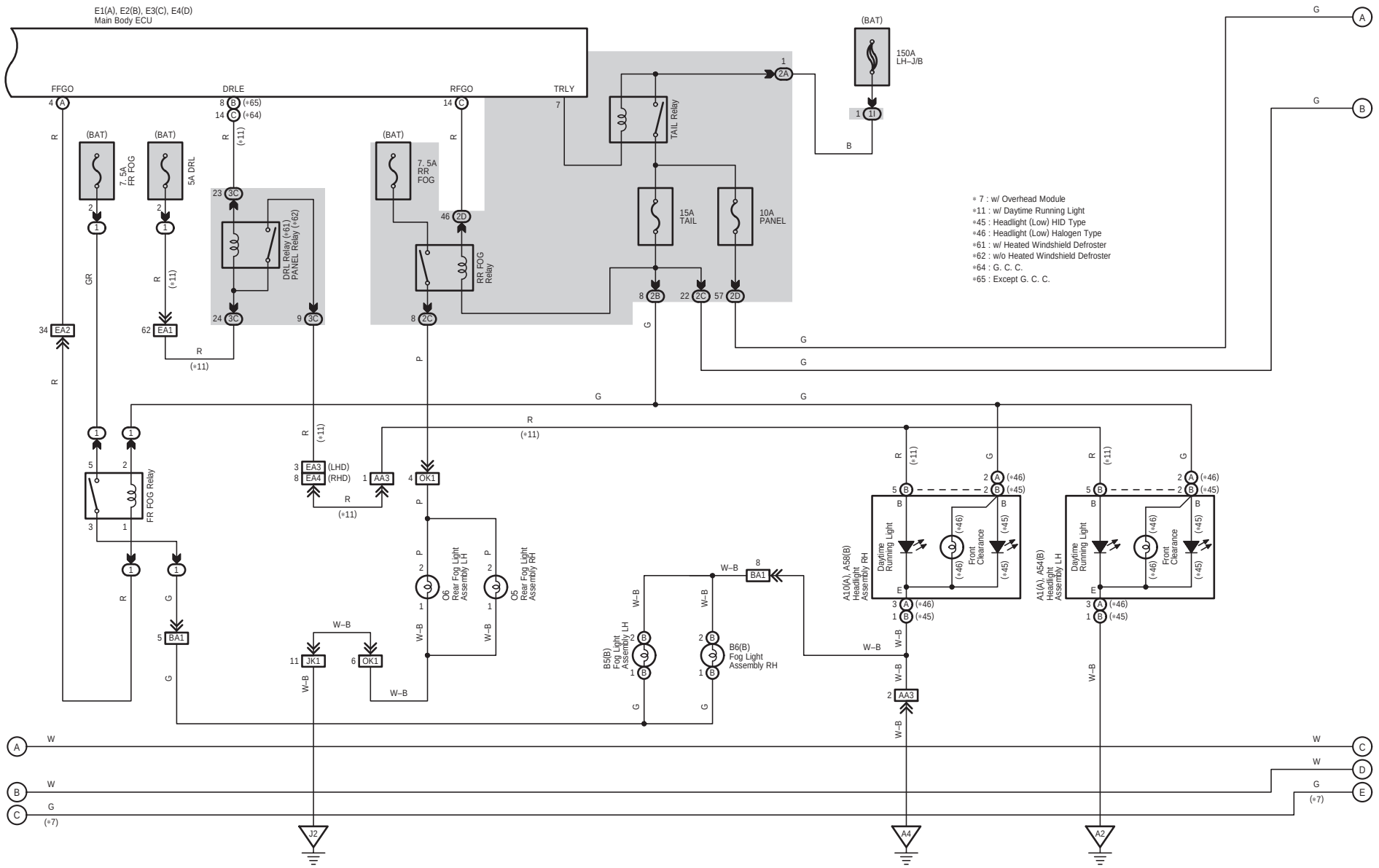
(Cont. next page)

Rear Fog Light (From Jan. 2013 Production Except China)

Front Fog Light (From Jan. 2013 Production Except China)

Taillight (From Jan. 2013 Production Except China)

61 62 63 64



(Cont. next page)

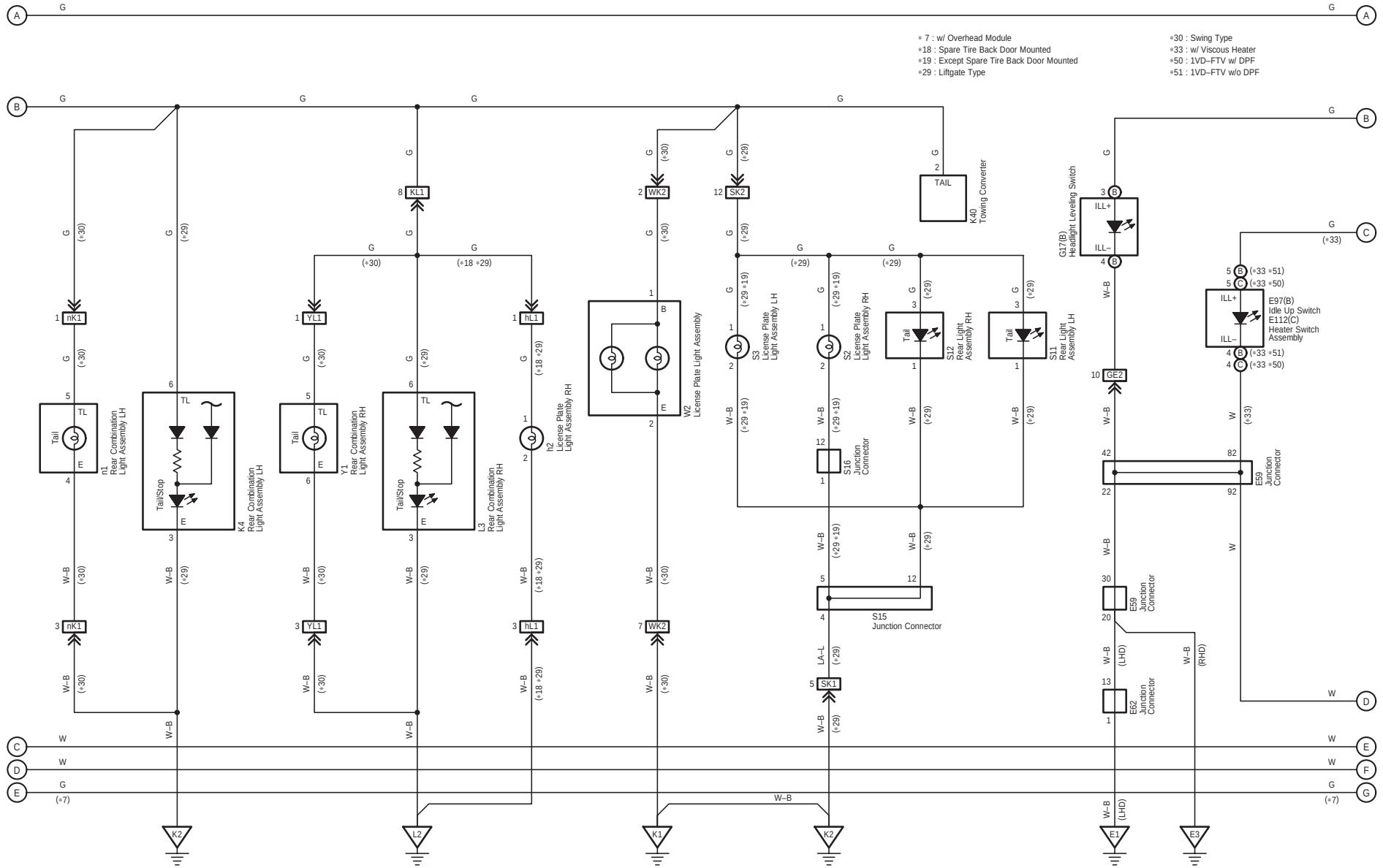
Taillight
(From Jan. 2013 Production Except China)

Trailer Towing
(From Jan. 2013 Production)

Illumination
(From Jan. 2013 Production Except China)

65 66 67 68

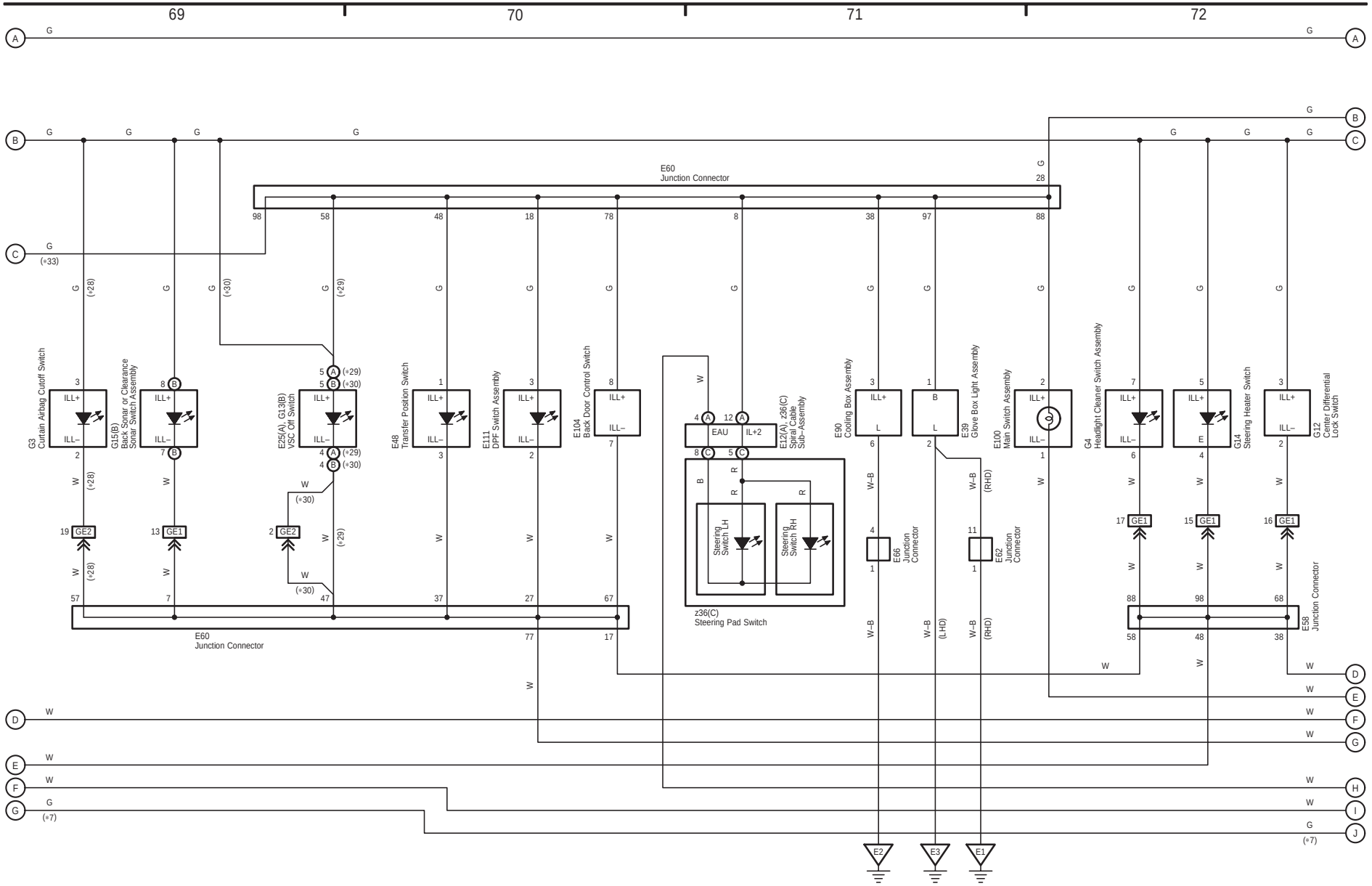
∗ 7 : w/ Overhead Module
∗18 : Spare Tire Back Door Mounted
∗19 : Except Spare Tire Back Door Mounted
∗29 : Liftgate Type
∗30 : Swing Type
∗33 : w/ Viscous Heater
∗50 : 1VD–FTV w/ DPF
∗51 : 1VD–FTV w/o DPF



(Cont. next page)

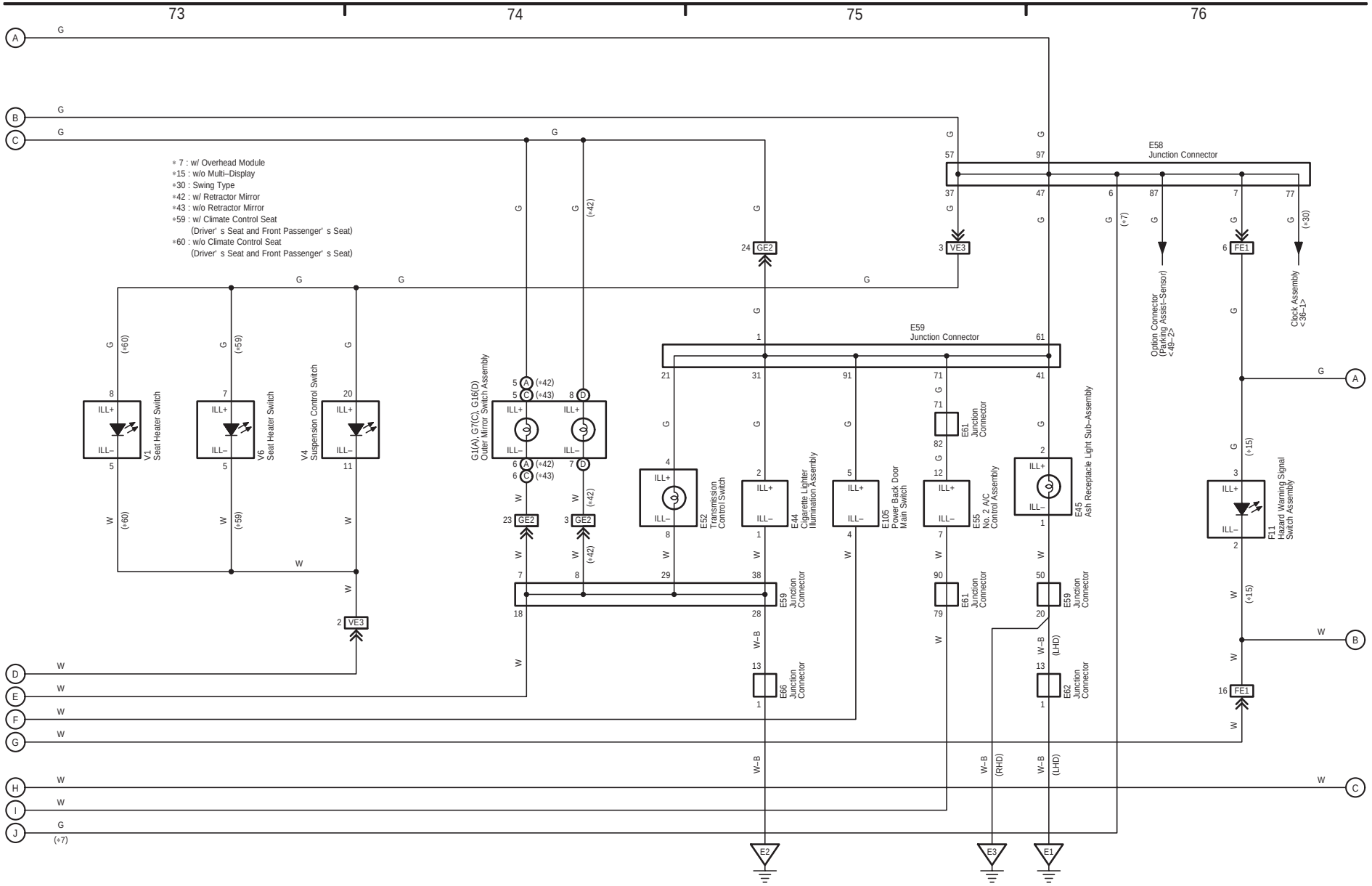
∗ 7 : w/ Overhead Module
∗28 : w/ Curtain Shield Airbag
∗29 : Liftgate Type
∗30 : Swing Type
∗33 : w/ Viscous Heater

Illumination (From Jan. 2013 Production Except China)



(Cont. next page)

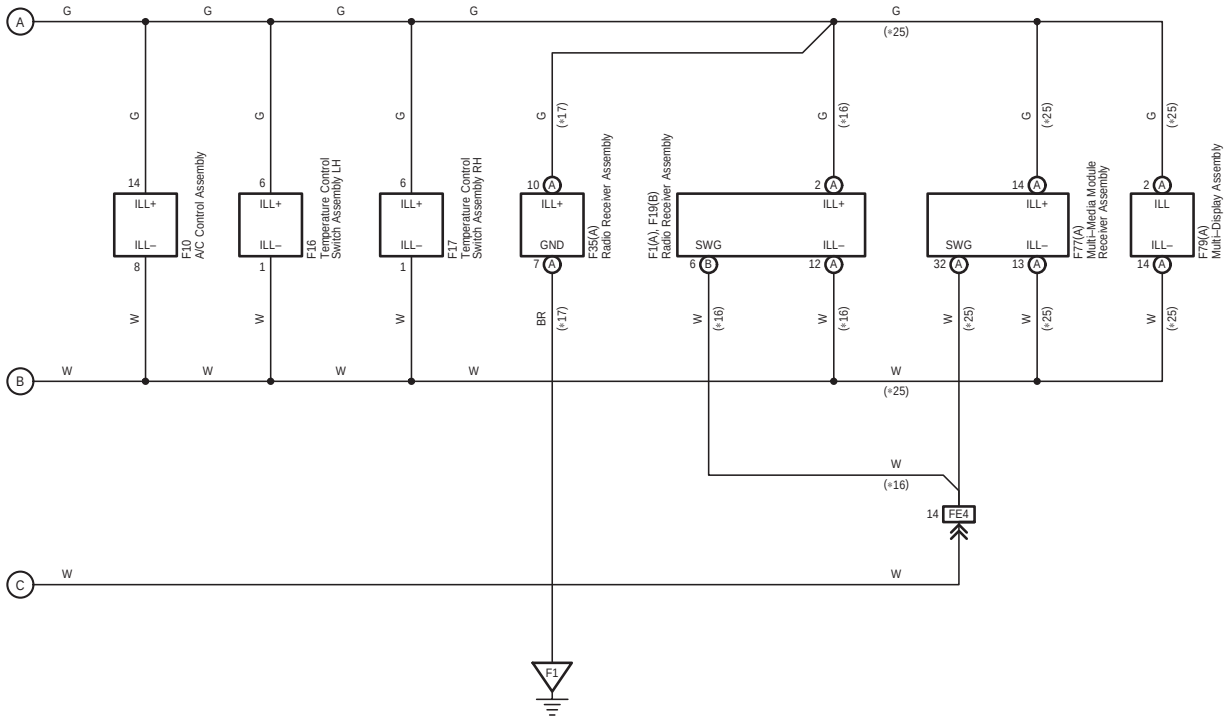
Illumination (From Jan. 2013 Production Except China)



Illumination (From Jan. 2013 Production Except China)

*16 : w/ Stereo Component Amplifier
*17 : w/o Stereo Component Amplifier
*25 : w/ Multi–Display

77 78 79 80

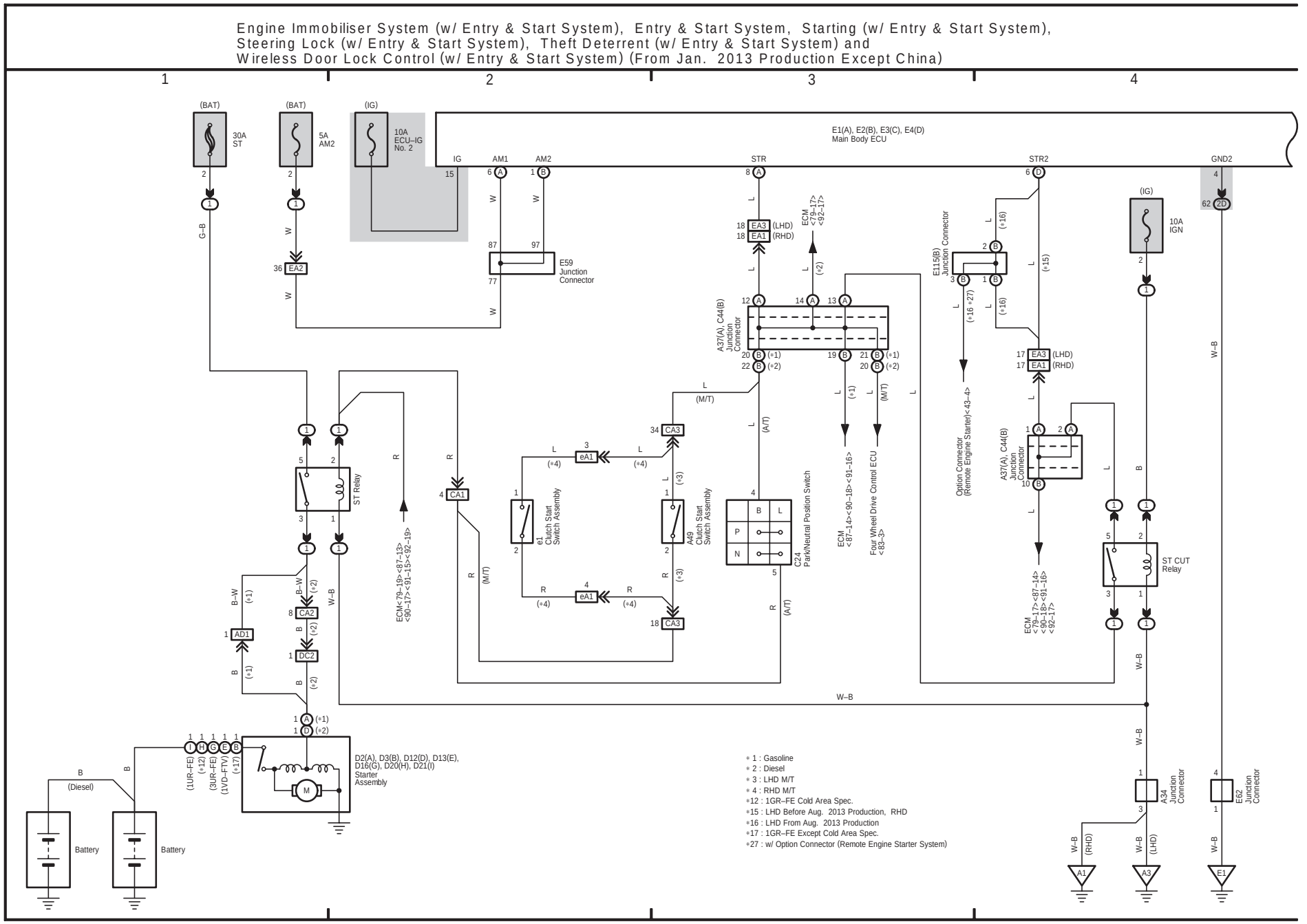


LAND CRUISER Station Wagon (EM2660E)

M

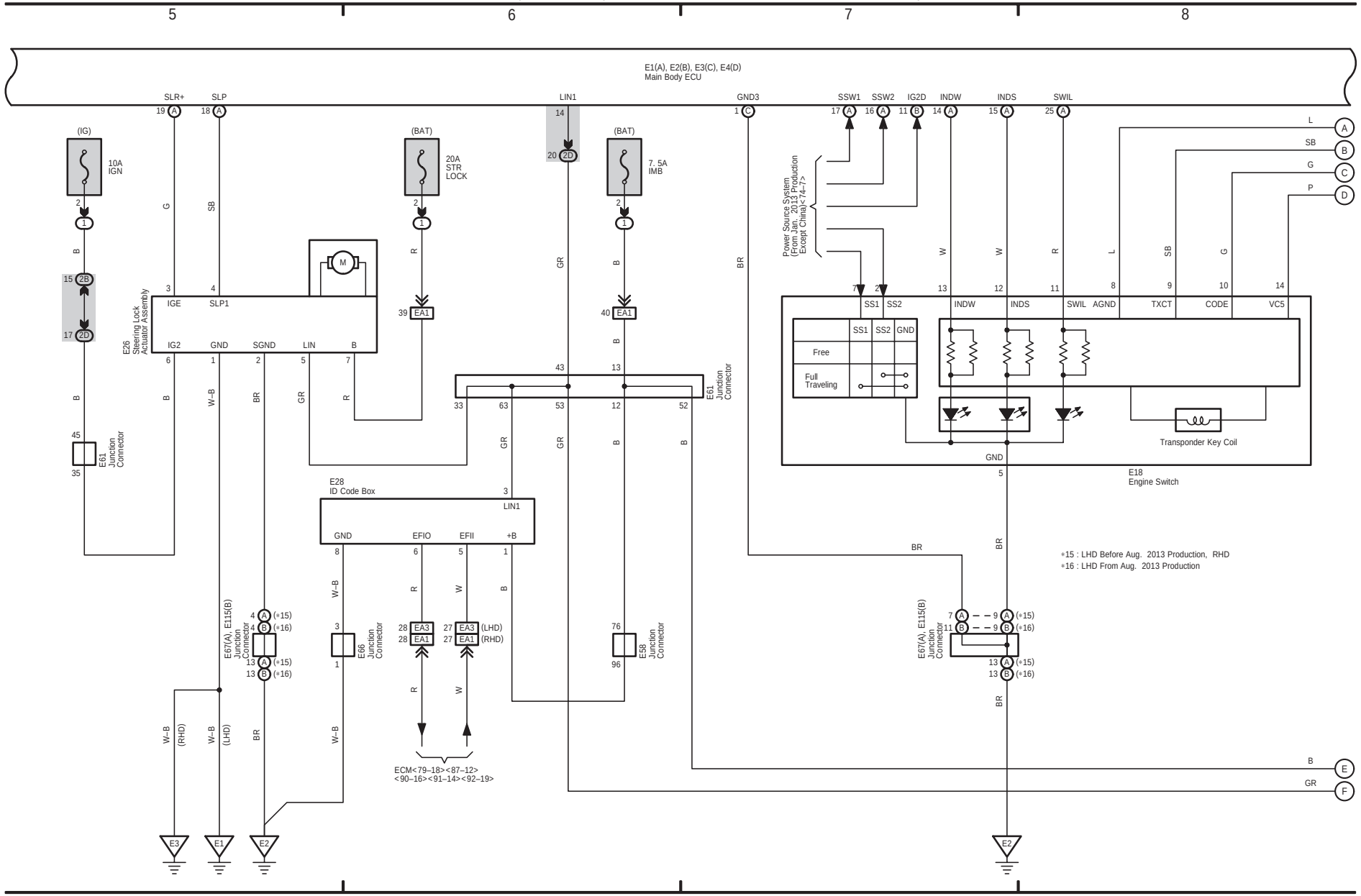
(Cont. next page)

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) and Wireless Door Lock Control (w/ Entry & Start System) (From Jan. 2013 Production Except China)



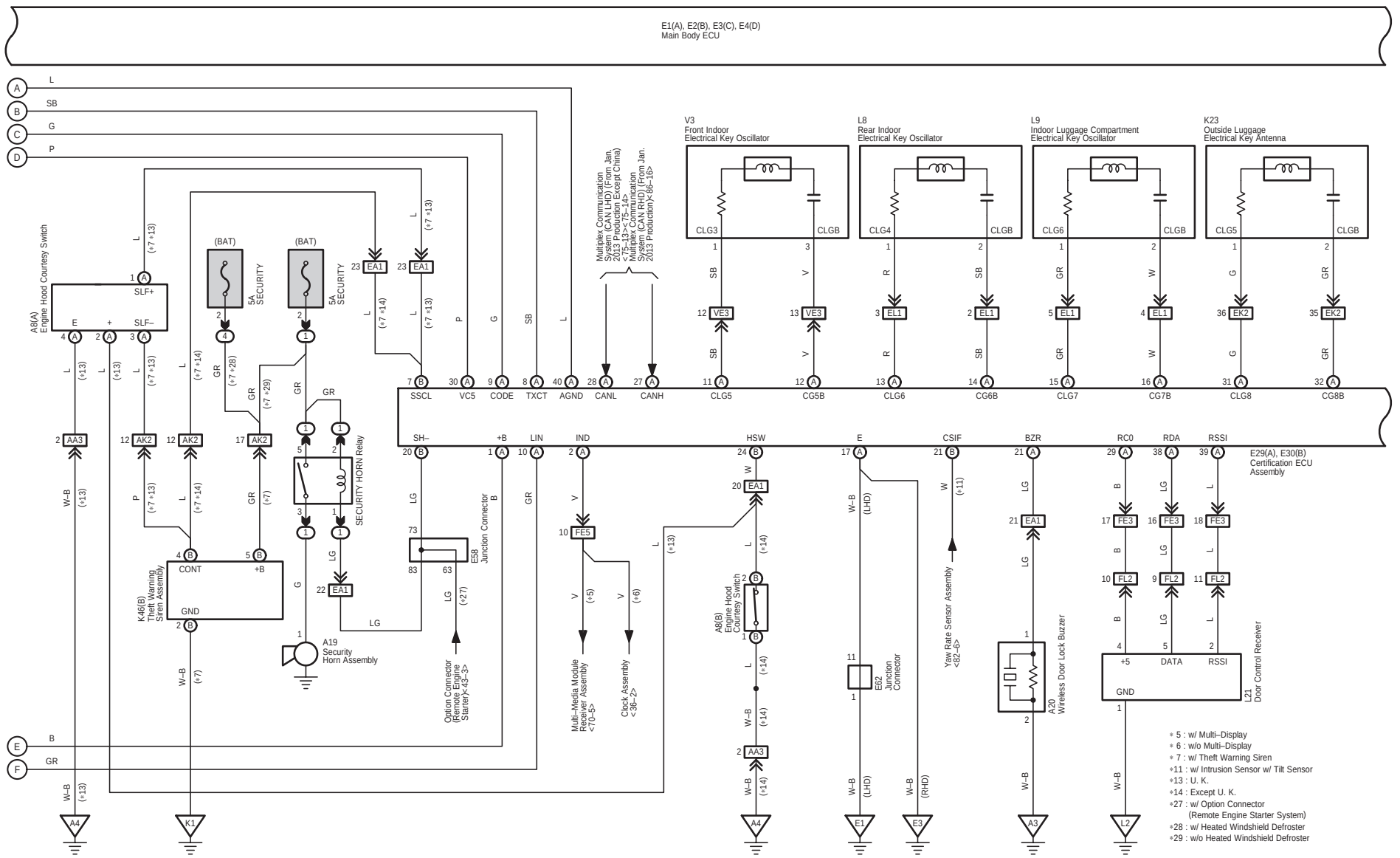
(Cont. next page)

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) and Wireless Door Lock Control (w/ Entry & Start System) (From Jan. 2013 Production Except China)



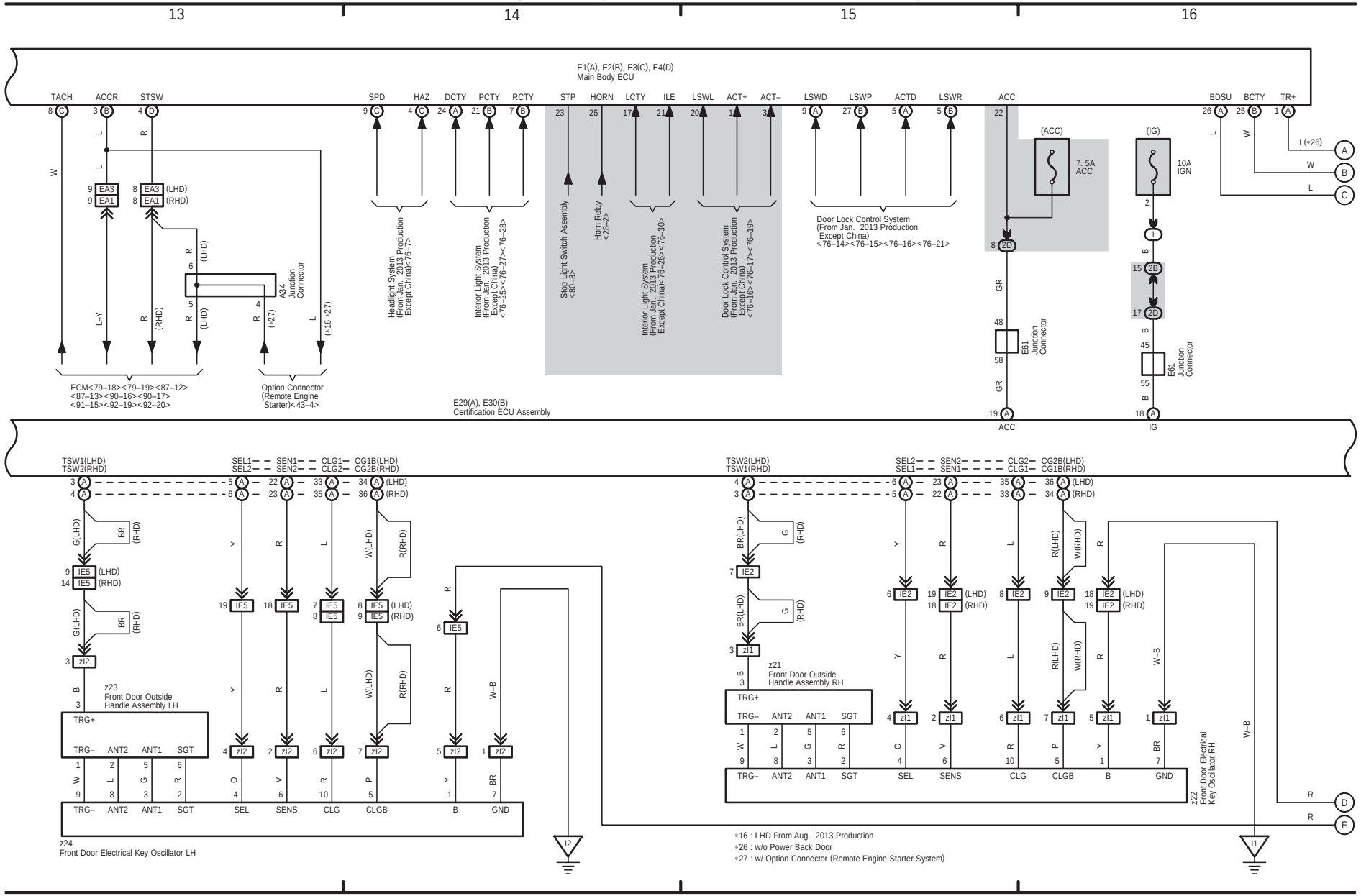
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System) (From Jan. 2013 Production Except China)



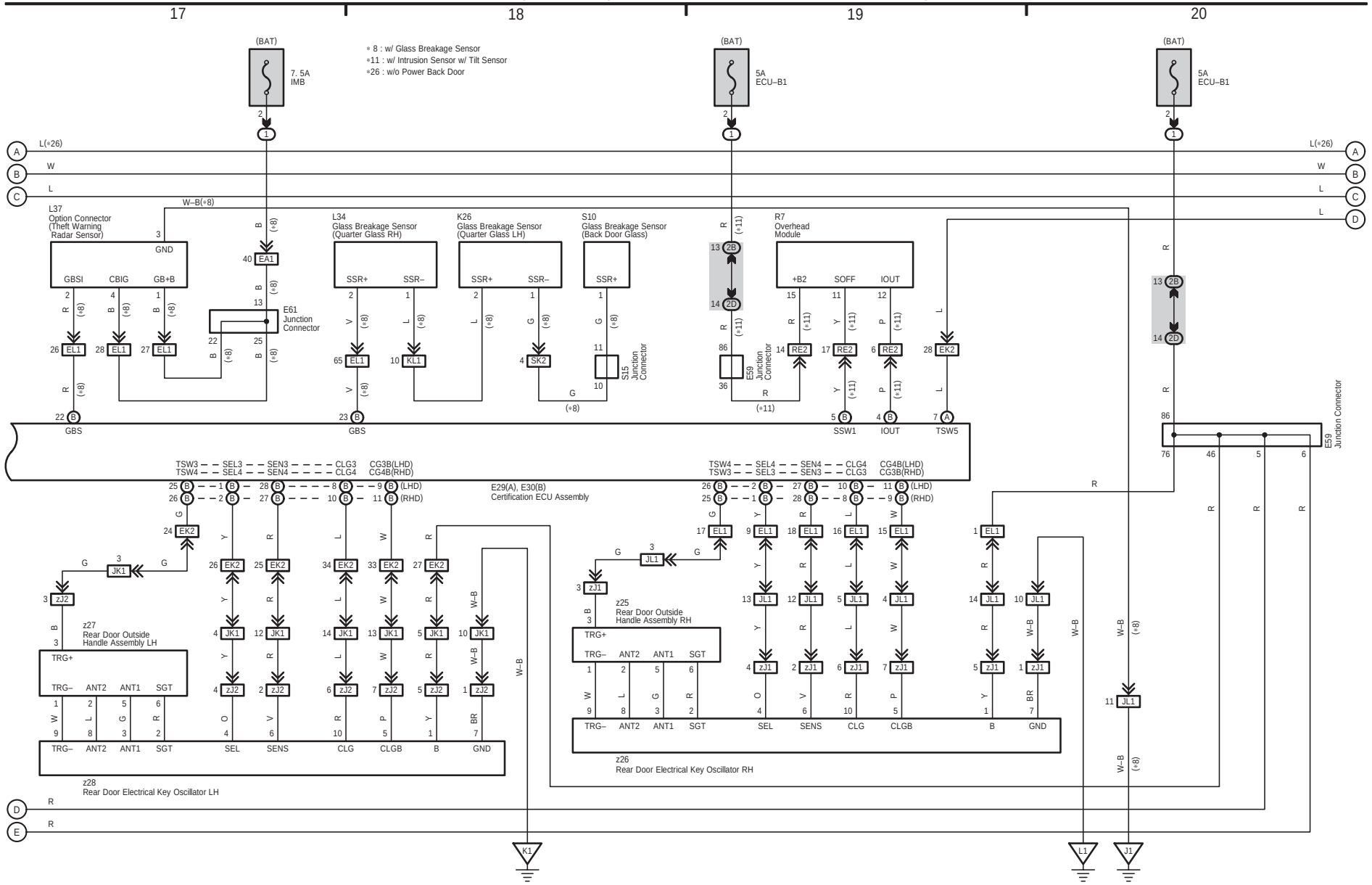
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System) (From Jan. 2013 Production Except China)



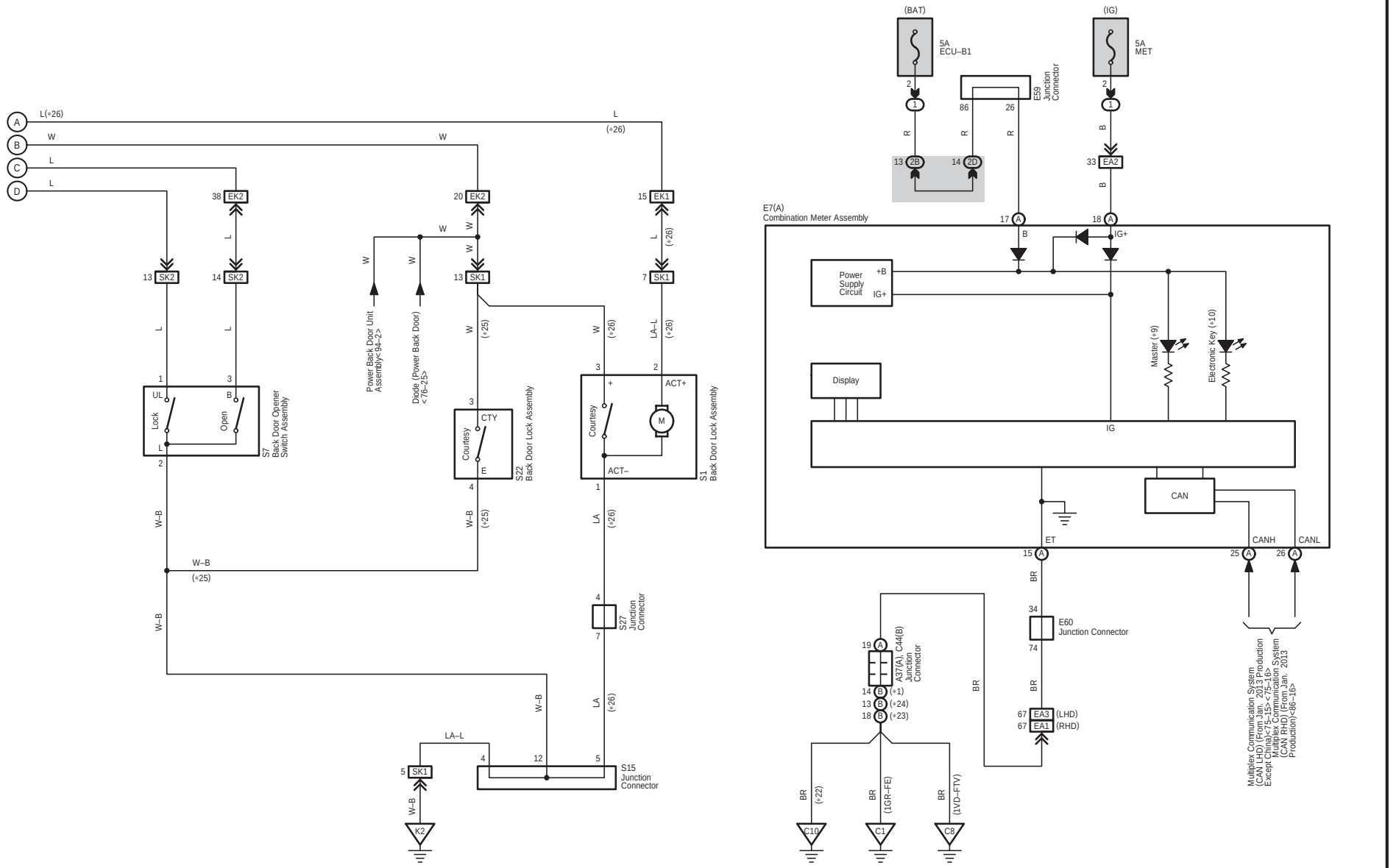
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Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System), Theft Deterrent (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System) (From Jan. 2013 Production Except China)

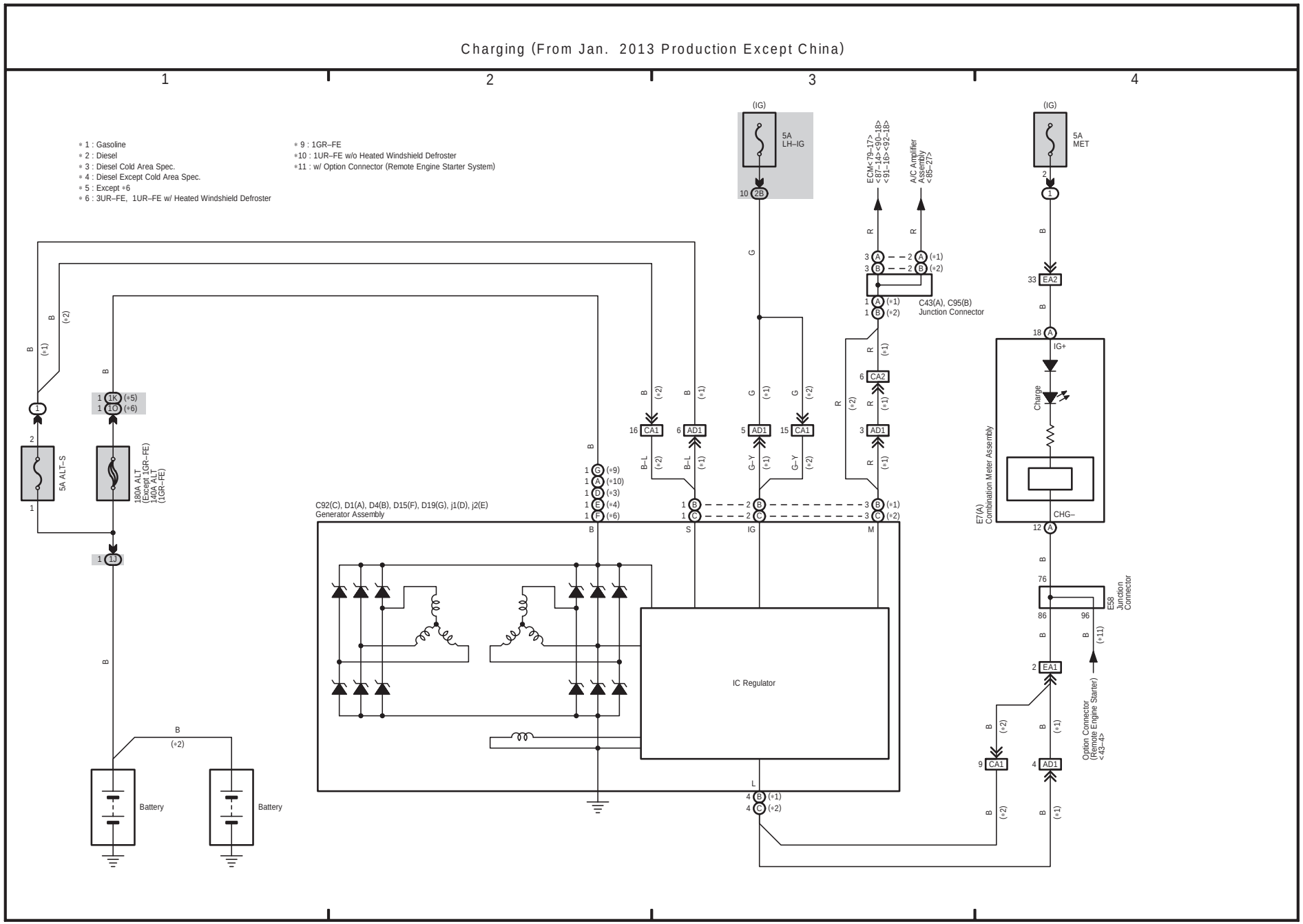


Back Door Opener (From Jan. 2013 Production Except China)

∗ 1 : Gasoline
∗ 9 : Optitron Meter
∗10 : Except Optitron Meter
∗22 : 3UR–FE, 1UR–FE
∗23 : 1VD–FTV w/ DPF
∗24 : 1VD–FTV w/o DPF
∗25 : w/ Power Back Door
∗26 : w/o Power Back Door

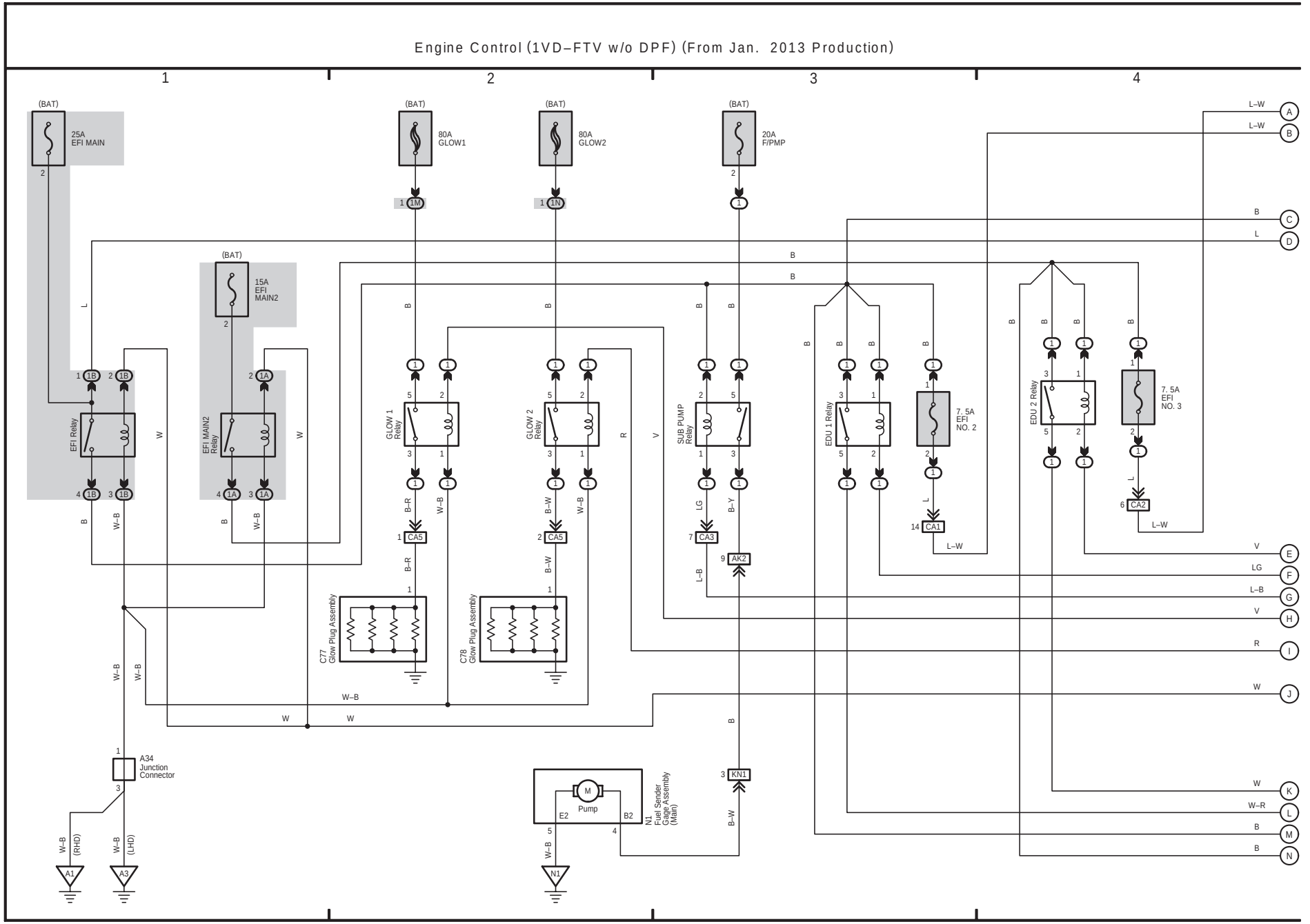


Charging (From Jan. 2013 Production Except China)



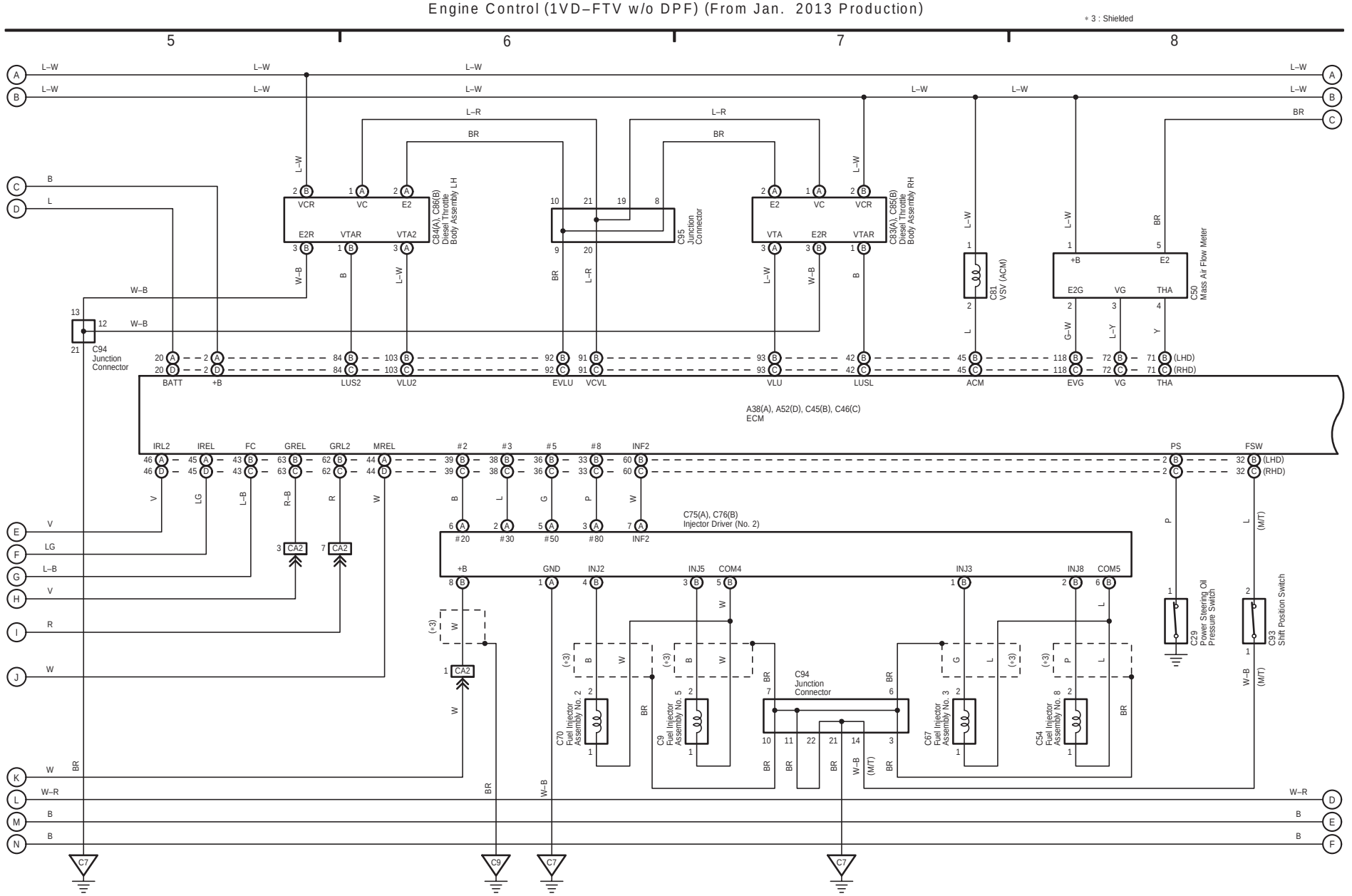
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Engine Control (1VD–FTV w/o DPF) (From Jan. 2013 Production)



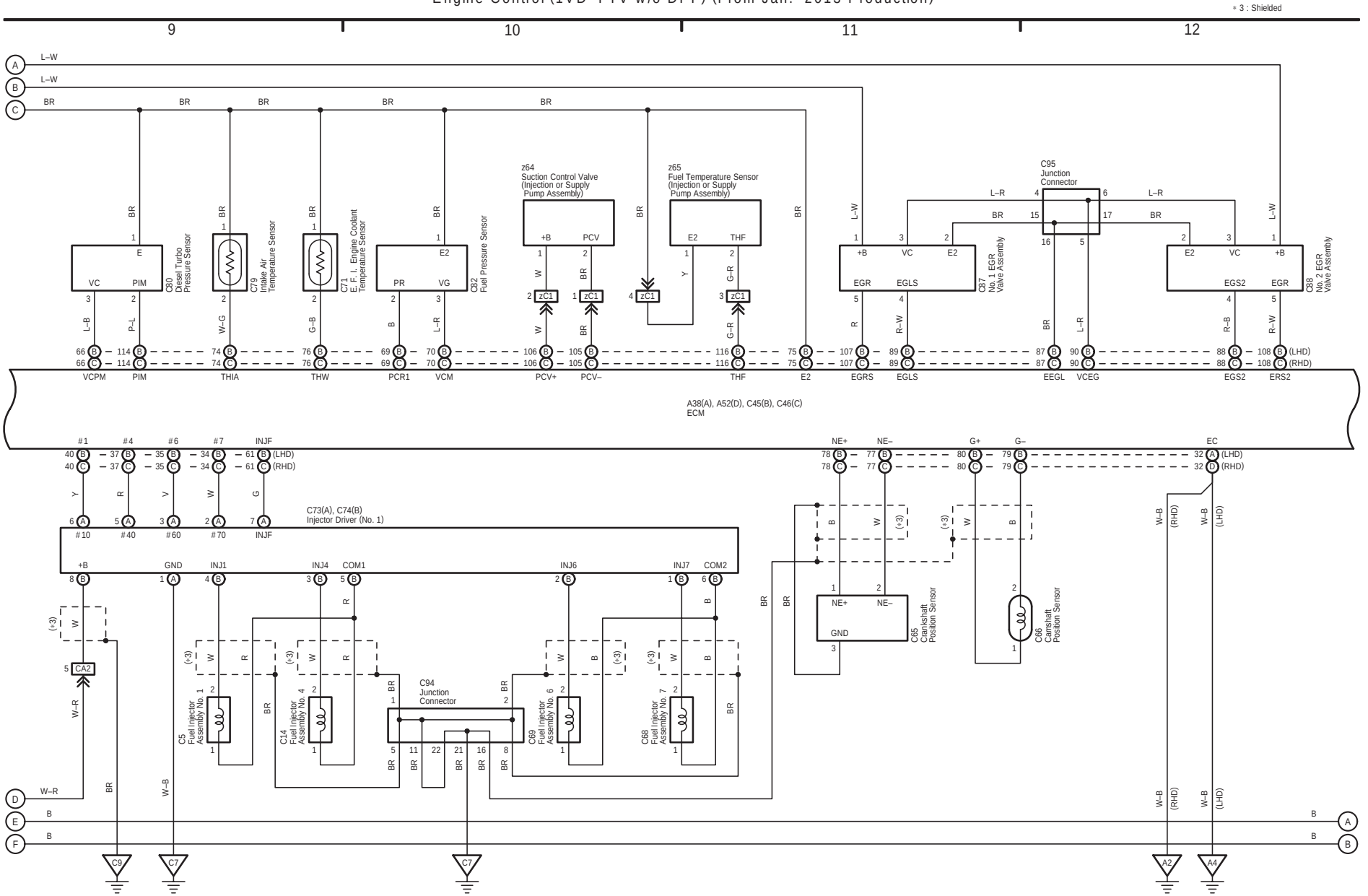
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Engine Control (1VD–FTV w/o DPF) (From Jan. 2013 Production)



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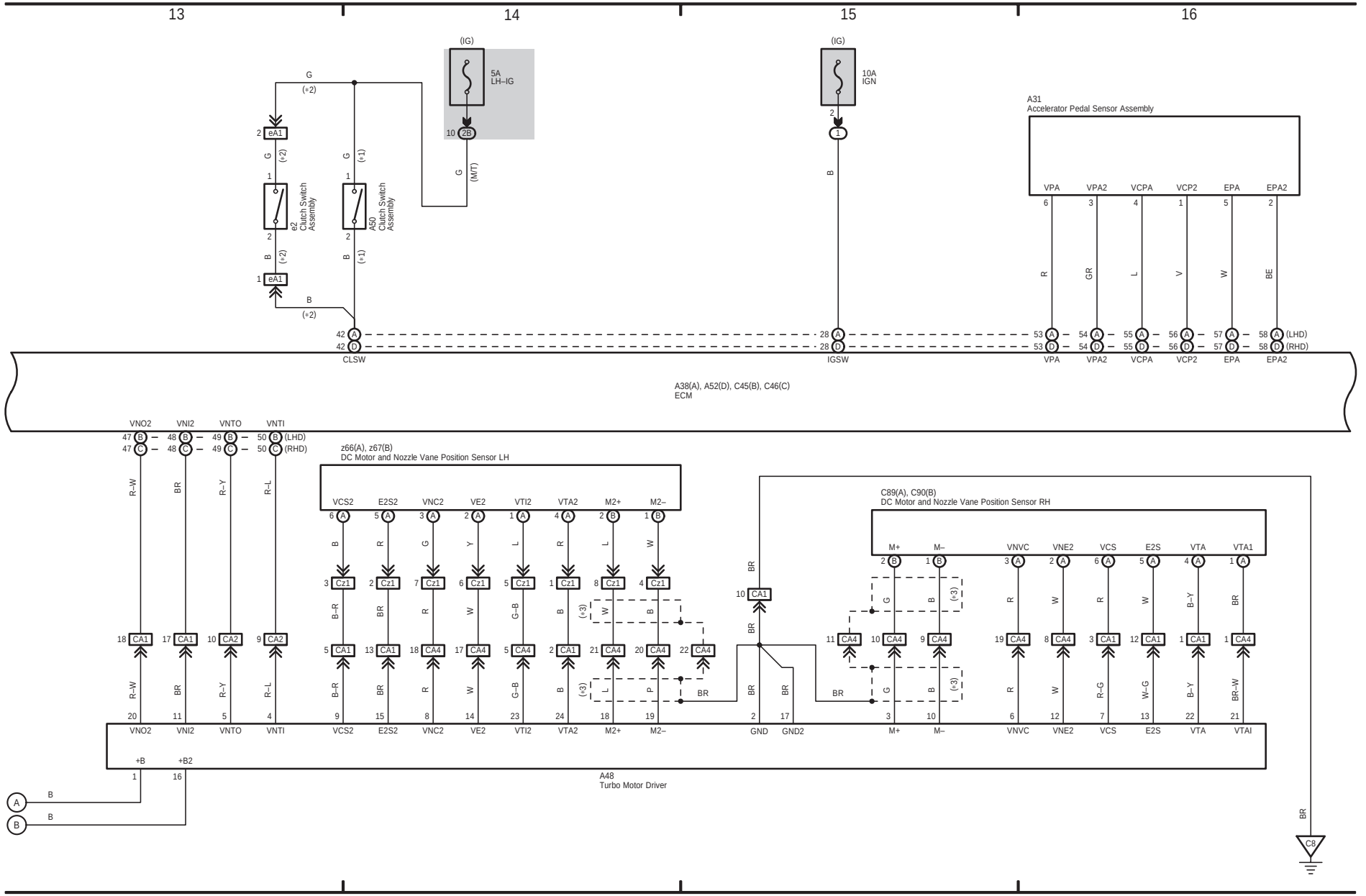
Engine Control (1VD–FTV w/o DPF) (From Jan. 2013 Production)



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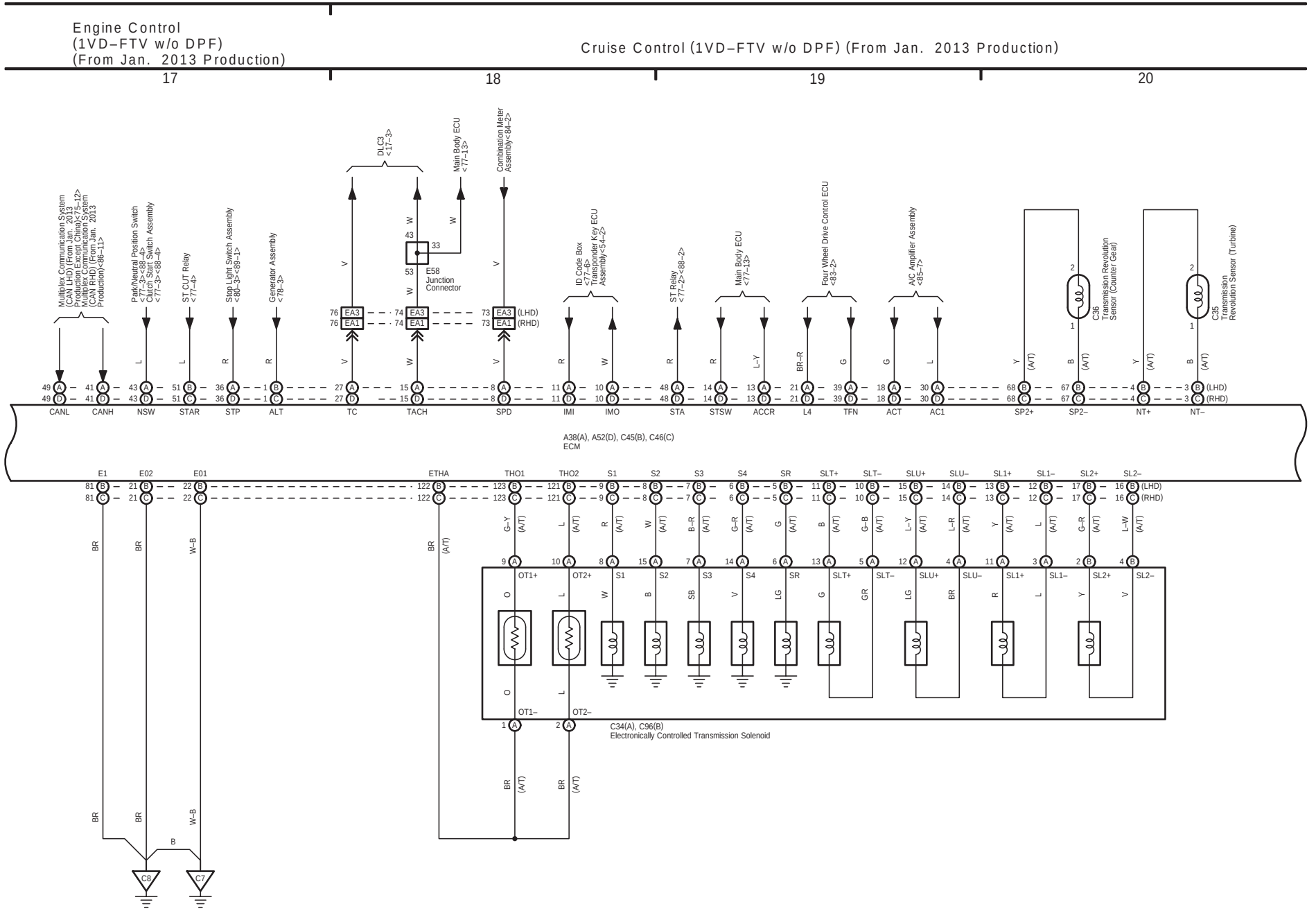
Engine Control (1VD–FTV w/o DPF)
(From Jan. 2013 Production)

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



M

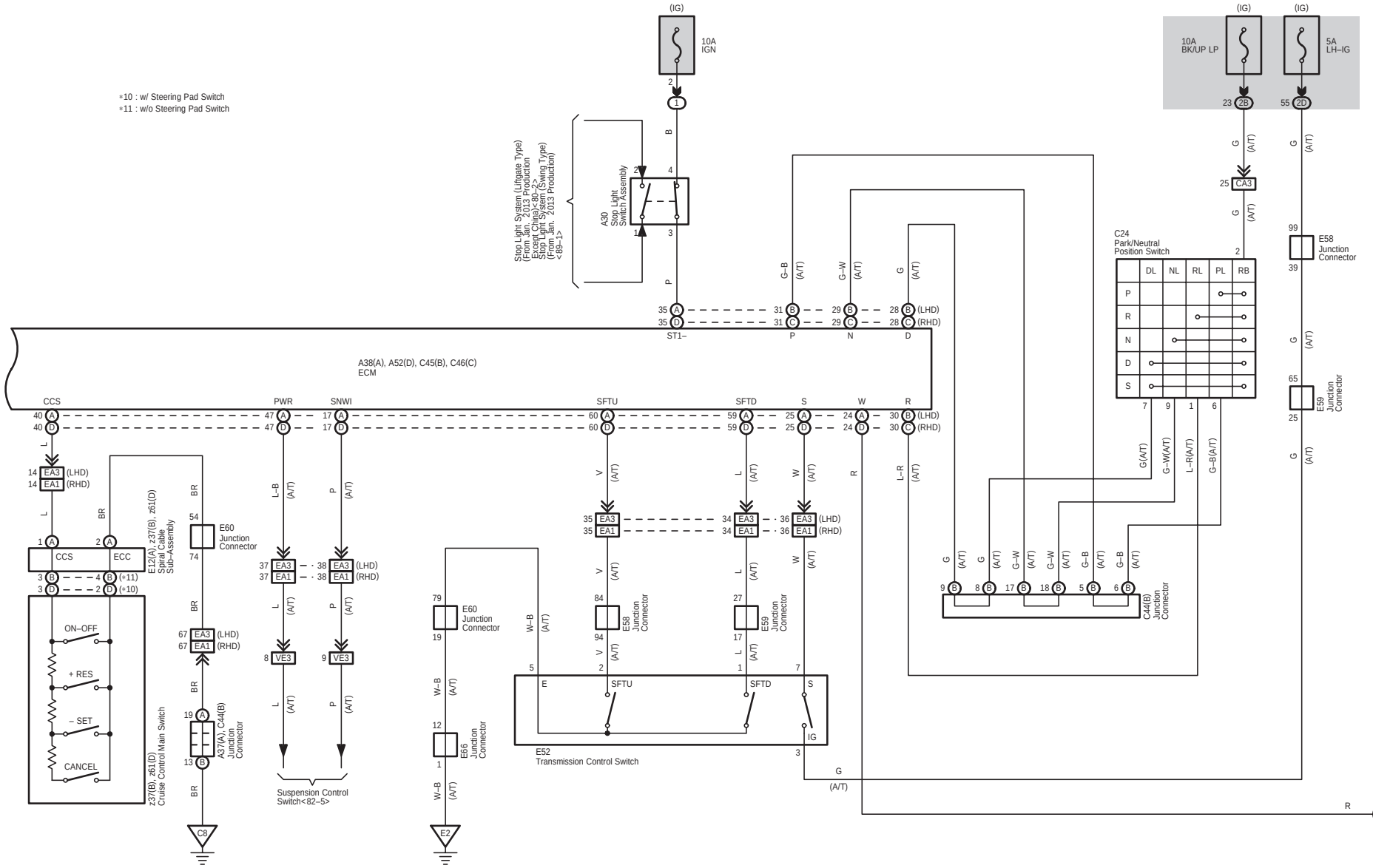
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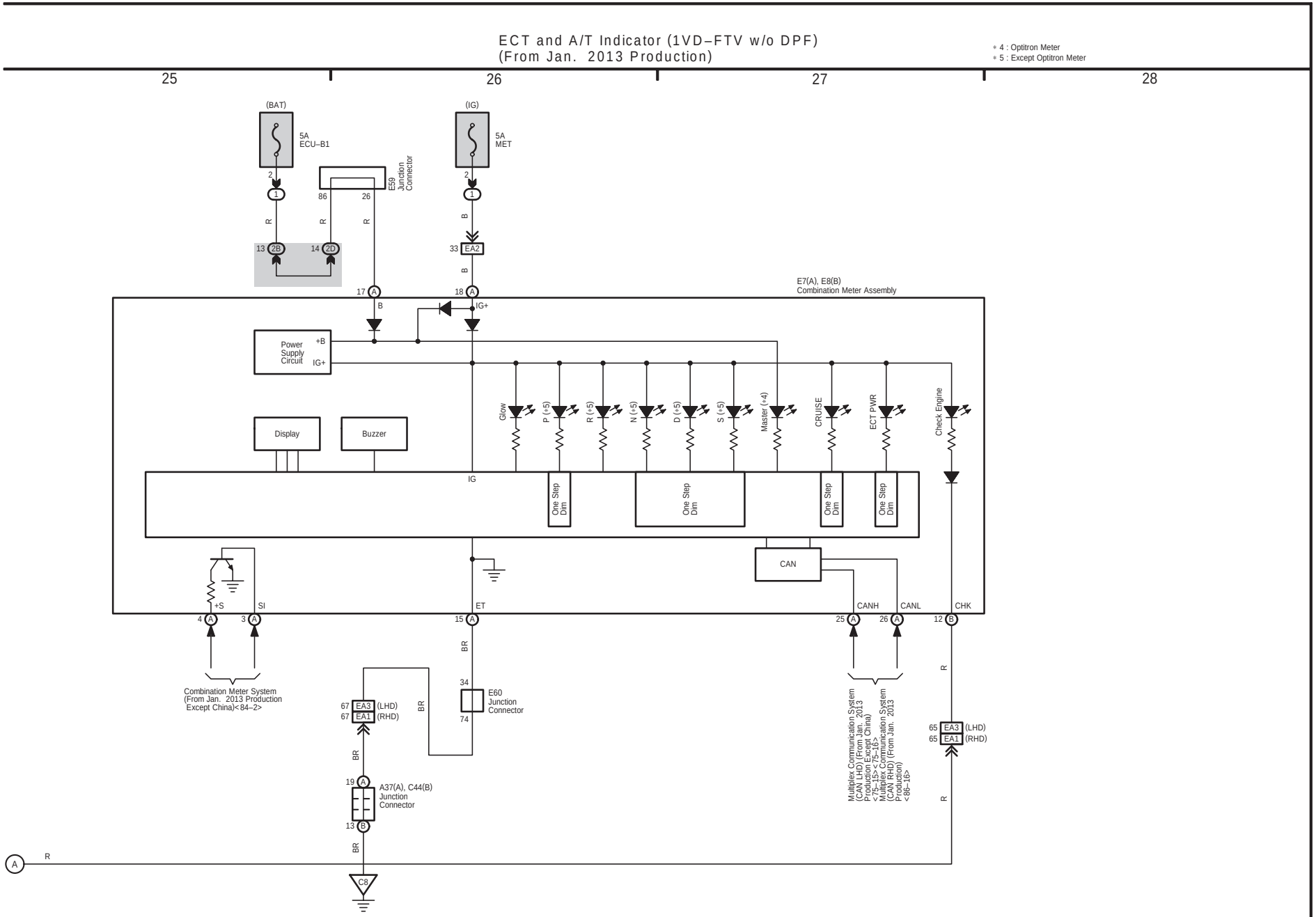


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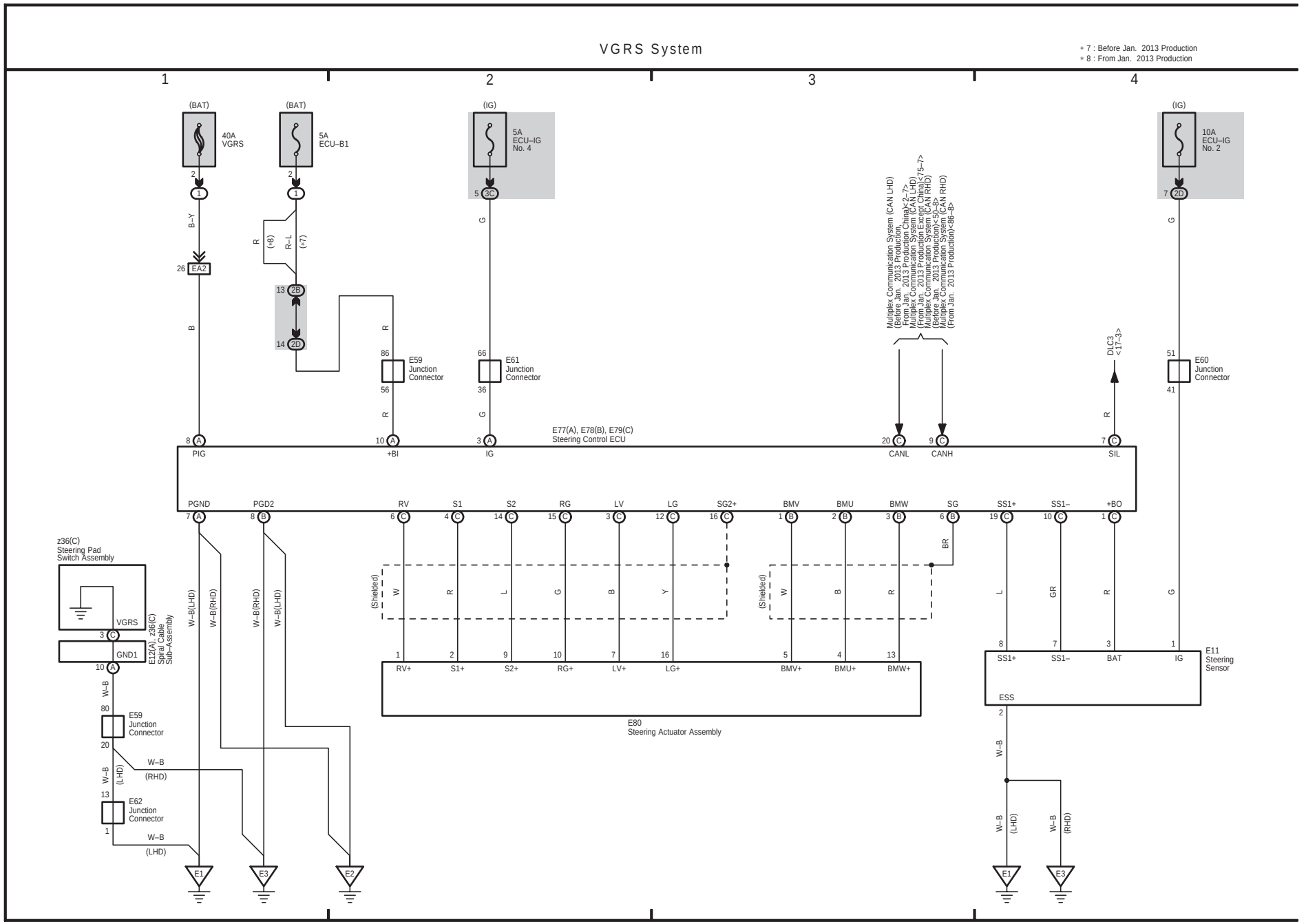
Cruise Control (1VD–FTV w/o DPF)
(From Jan. 2013 Production)

ECT and A/T Indicator (1VD–FTV w/o DPF) (From Jan. 2013 Production)

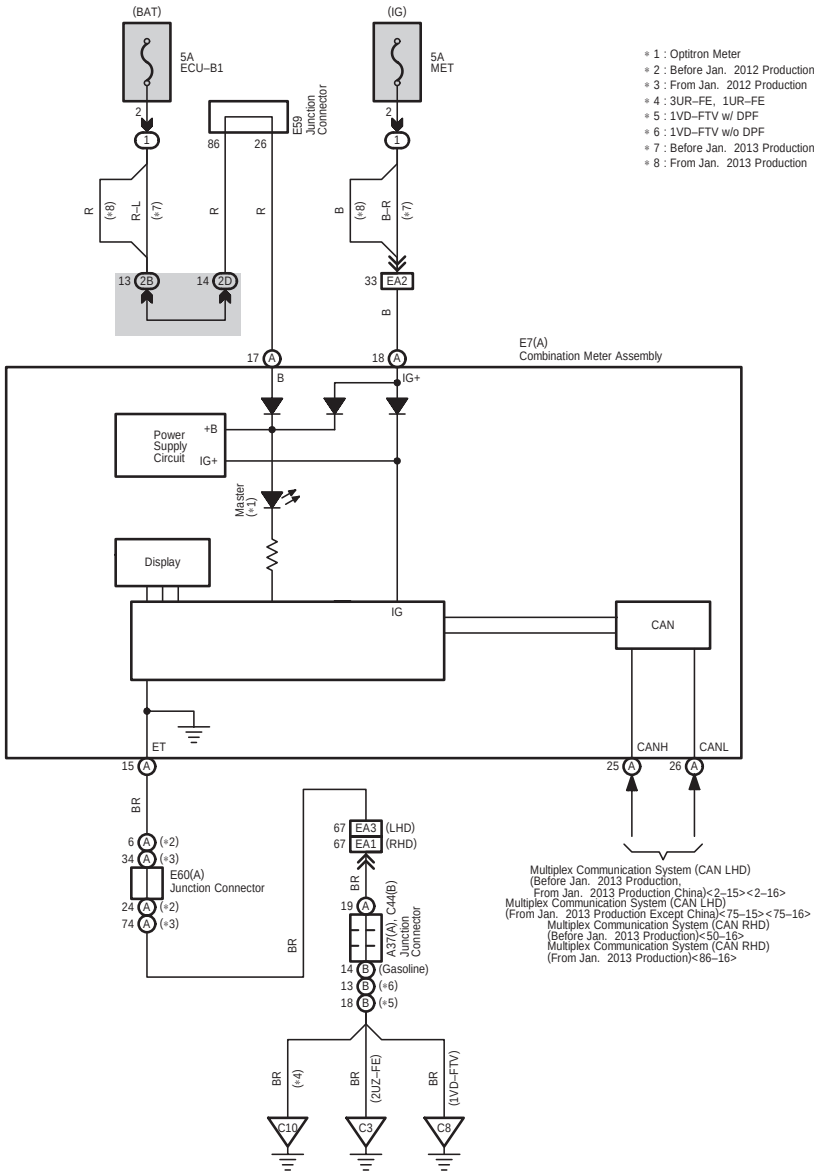


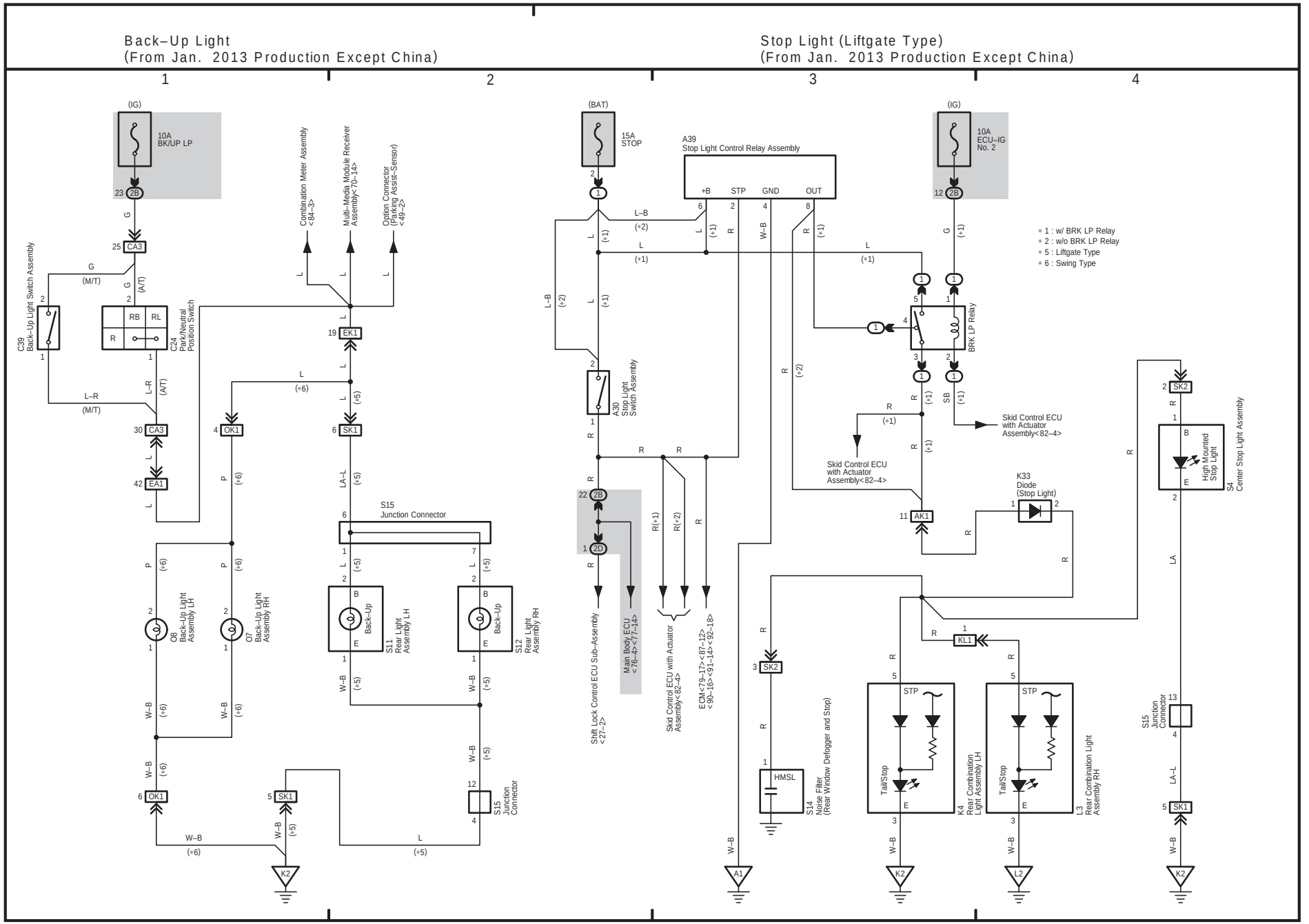

ECT and A/T Indicator (1VD–FTV w/o DPF)
(From Jan. 2013 Production)
* 4 : Optitron Meter
* 5 : Except Optitron Meter
25
26
27
28
(BAT)
(IG)
5A
ECU–B1
5A
MET
E59
Junction
Connector
2B
2D
EA2
E7(A), E8(B)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
Display
Buzzer
Glow
P (+5)
R (+5)
N (+5)
D (+5)
S (+5)
Master (+4)
CRUISE
ECT PWR
Check Engine
IG
One Step
Dim
CAN
+S
SI
ET
CANH
CANL
CHK
Combination Meter System
(From Jan. 2013 Production
Except China)<84–2>
EA3 (LHD)
EA1 (RHD)
E60
Junction
Connector
A37(A), C44(B)
Junction
Connector
C8
Multiplex Communication System
(CAN LHD) (From Jan. 2013
Production Except China)
<75–15><75–16>
Multiplex Communication System
(CAN RHD) (From Jan. 2013
Production)
<86–16>

(Cont. next page)



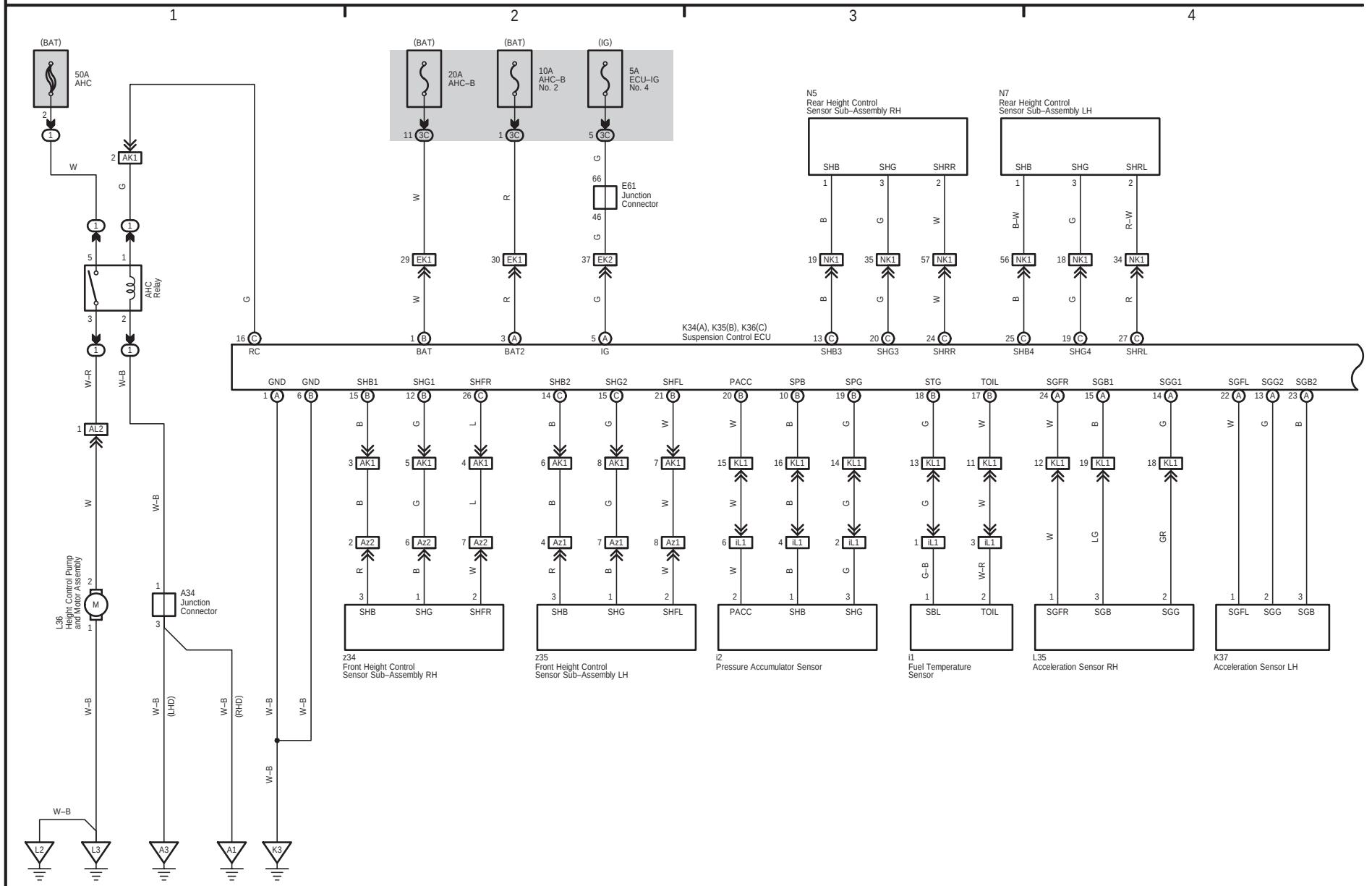
VGRS System


5
6
7
8
(BAT)
5A
ECU–B1
(IG)
5A
MET
E59
Junction
Connector
* 1 : Optitron Meter
* 2 : Before Jan. 2012 Production
* 3 : From Jan. 2012 Production
* 4 : 3UR–FE, 1UR–FE
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF
* 7 : Before Jan. 2013 Production
* 8 : From Jan. 2013 Production
R
R–L
B
B–R
(*8)
(*7)
13 2B
14 2D
33 EA2
E7(A)
Combination Meter Assembly
17 A
18 A
IG+
Power
Supply
Circuit
+B
Master
(*1)
Display
IG
CAN
ET
CANH
CANL
15 A
25 A
26 A
BR
67 EA3 (LHD)
67 EA1 (RHD)
6 A (*2)
34 A (*3)
E60(A)
Junction Connector
24 A (*2)
74 A (*3)
19 A
A37(A), C44(B)
Junction
Connector
14 B (Gasoline)
13 B (*6)
18 B (*5)
(*4)
(2UZ–FE)
(1VD–FTV)
C10
C3
C8
Multiplex Communication System (CAN LHD)
(Before Jan. 2013 Production,
From Jan. 2013 Production China)<2–15><2–16>
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production Except China)<75–15><75–16>
Multiplex Communication System (CAN RHD)
(Before Jan. 2013 Production)<50–16>
Multiplex Communication System (CAN RHD)
(From Jan. 2013 Production)<86–16>


Back–Up Light
(From Jan. 2013 Production Except China)
Stop Light (Liftgate Type)
(From Jan. 2013 Production Except China)
1
2
3
4
(IG)
10A
BK/UP LP
23 2B
G
25 CA3
G
(M/T)
G
(A/T)
C39
Back–Up Light Switch Assembly
2
1
C24
Park/Neutral
Position Switch
RB
RL
R
2
1
L–R
(M/T)
L–R
(A/T)
30 CA3
42 EA1
L
Combination Meter Assembly
<84–3>
Multi–Media Module Receiver
Assembly<70–14>
Option Connector
(Parking Assist–Sensor)
<48–2>
L
19 EK1
L
(*6)
4 OK1
6 SK1
P
(*6)
LA–L
(*5)
S15
Junction Connector
6
1
L
(*5)
2
B
Back–Up
E
S11
Rear Light
Assembly LH
7
L
(*5)
2
B
Back–Up
E
S12
Rear Light
Assembly RH
O8
Back–Up Light
Assembly LH
O7
Back–Up Light
Assembly RH
P
(*6)
W–B
(*6)
W–B
(*5)
6 OK1
5 SK1
12
S15
Junction
Connector
4
W–B
(*6)
W–B
(*5)
L
(*5)
K2
(BAT)
15A
STOP
2
1
L–B
(*2)
A39
Stop Light Control Relay Assembly
+B
STP
GND
OUT
6
2
4
8
L
(*1)
L
(*1)
L
(*1)
W–B
R
(*1)
L–B
(*2)
L
(*1)
A30
Stop Light
Switch Assembly
2
1
R
R
R
22 2B
1 2D
R
R(*1)
R(*2)
R
Shift Lock Control ECU Sub–Assembly
<27–2>
Main Body ECU
<76–4><77–14>
Skid Control ECU with Actuator
Assembly<82–4>
ECM<79–17><87–12>
<90–16><91–14><92–18>
(IG)
10A
ECU–IG
No. 2
12 2B
G
(*1)
1
1
5
1
4
1
3
2
BRK LP Relay
1
1
R
(*1)
SB
(*1)
Skid Control ECU
with Actuator
Assembly<82–4>
R
(*1)
R
(*1)
Skid Control ECU
with Actuator
Assembly<82–4>
11 AK1
K33
Diode
(Stop Light)
1
2
R
R
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay
* 5 : Liftgate Type
* 6 : Swing Type
2 SK2
R
1
B
High Mounted
Stop Light
E
S4
Center Stop Light Assembly
2
LA
3 SK2
R
R
1
HMSL
S14
Noise Filter
(Rear Window Defogger and Stop)
W–B
A1
R
1
KL1
R
5
STP
Tail/Stop
E
3
W–B
K2
K4
Rear Combination
Light Assembly LH
R
5
STP
Tail/Stop
E
3
W–B
L2
L3
Rear Combination Light
Assembly RH
S15
Junction
Connector
13
4
LA–L
5 SK1
W–B
K2

(Cont. next page)

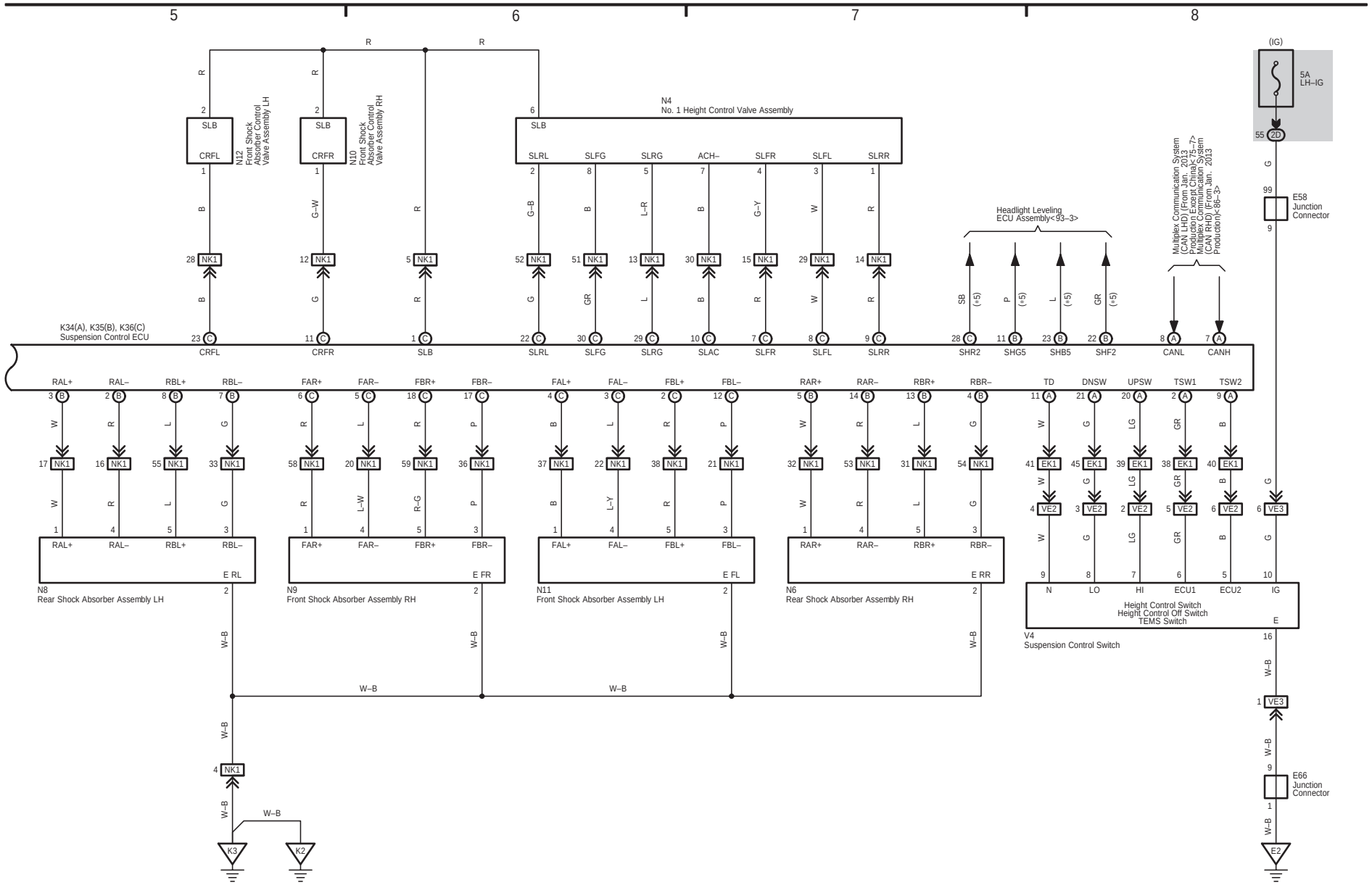
Active Height Control Suspension and Adaptive Variable Suspension
(From Jan. 2013 Production)



(Cont. next page)

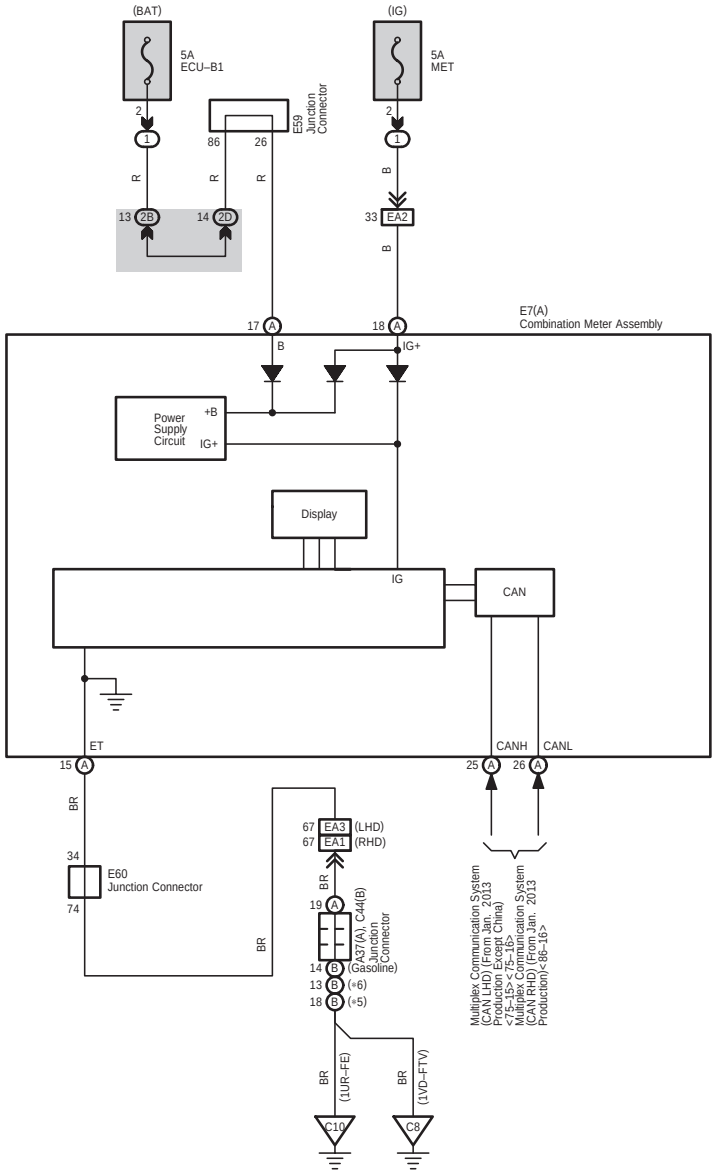
Active Height Control Suspension and Adaptive Variable Suspension (From Jan. 2013 Production)

* 5 : w/ Headlight Beam Level Control (Automatic Dynamic Type)



Active Height Control Suspension and Adaptive Variable Suspension
(From Jan. 2013 Production)

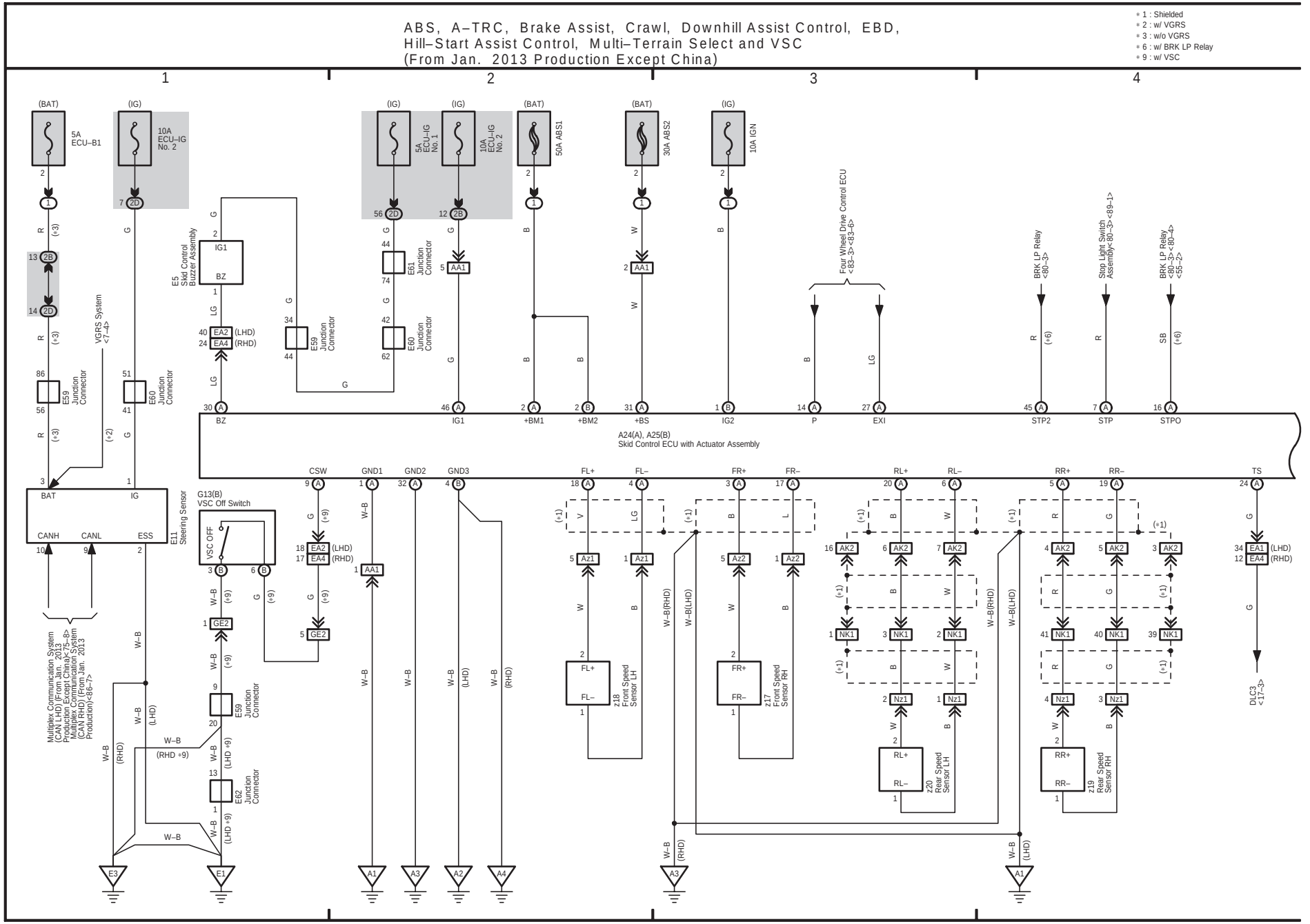
* 5 : 1VD–FTV w/ DPF
* 6 : 1VD–FTV w/o DPF



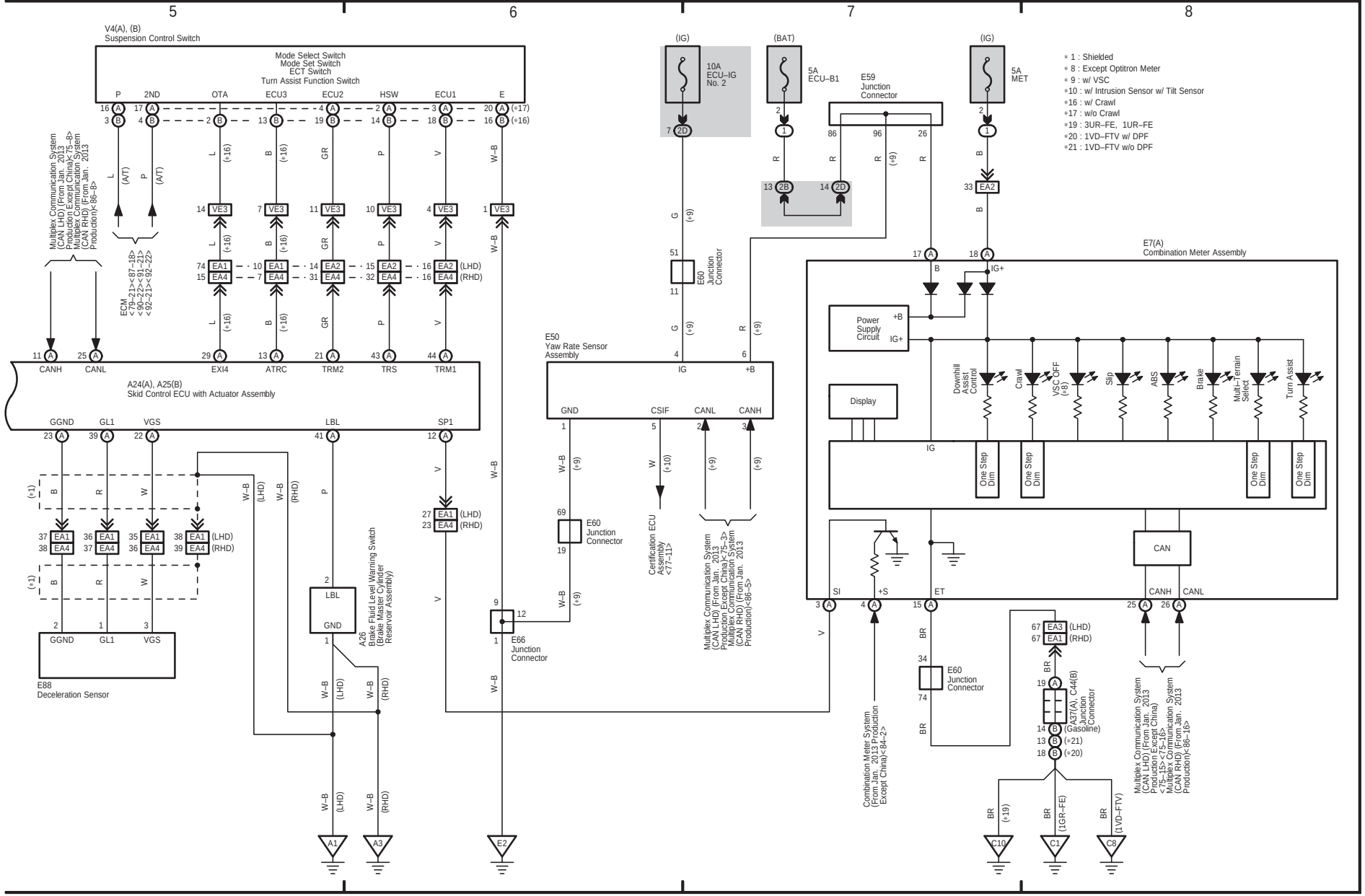
(Cont. next page)

ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control, Multi–Terrain Select and VSC (From Jan. 2013 Production Except China)

* 1 : Shielded
* 2 : w/ VGRS
* 3 : w/o VGRS
* 6 : w/ BRK LP Relay
* 9 : w/ VSC



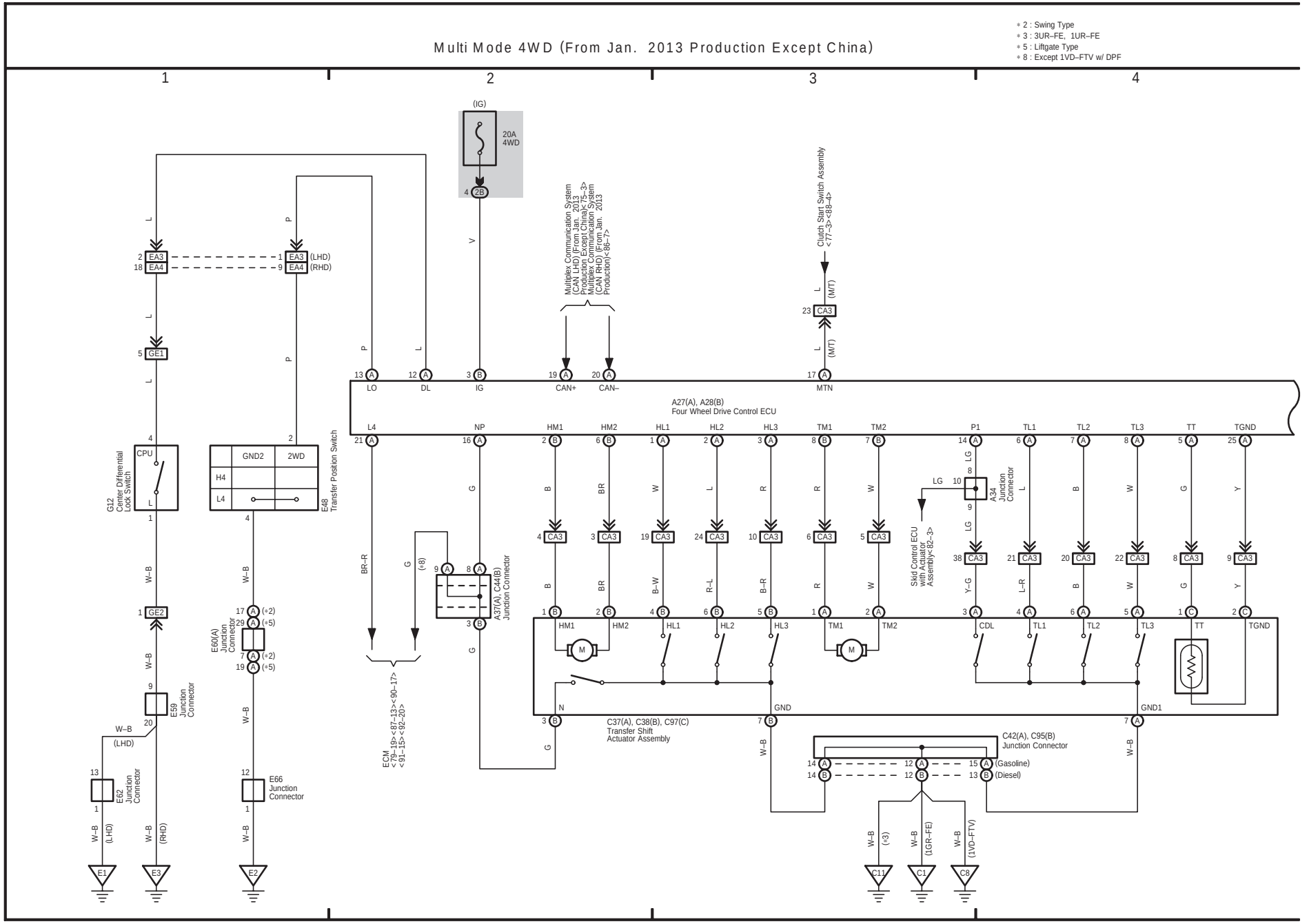
ABS, A–TRC, Brake Assist, Crawl, Downhill Assist Control, EBD, Hill–Start Assist Control, Multi–Terrain Select and VSC (From Jan. 2013 Production Except China)



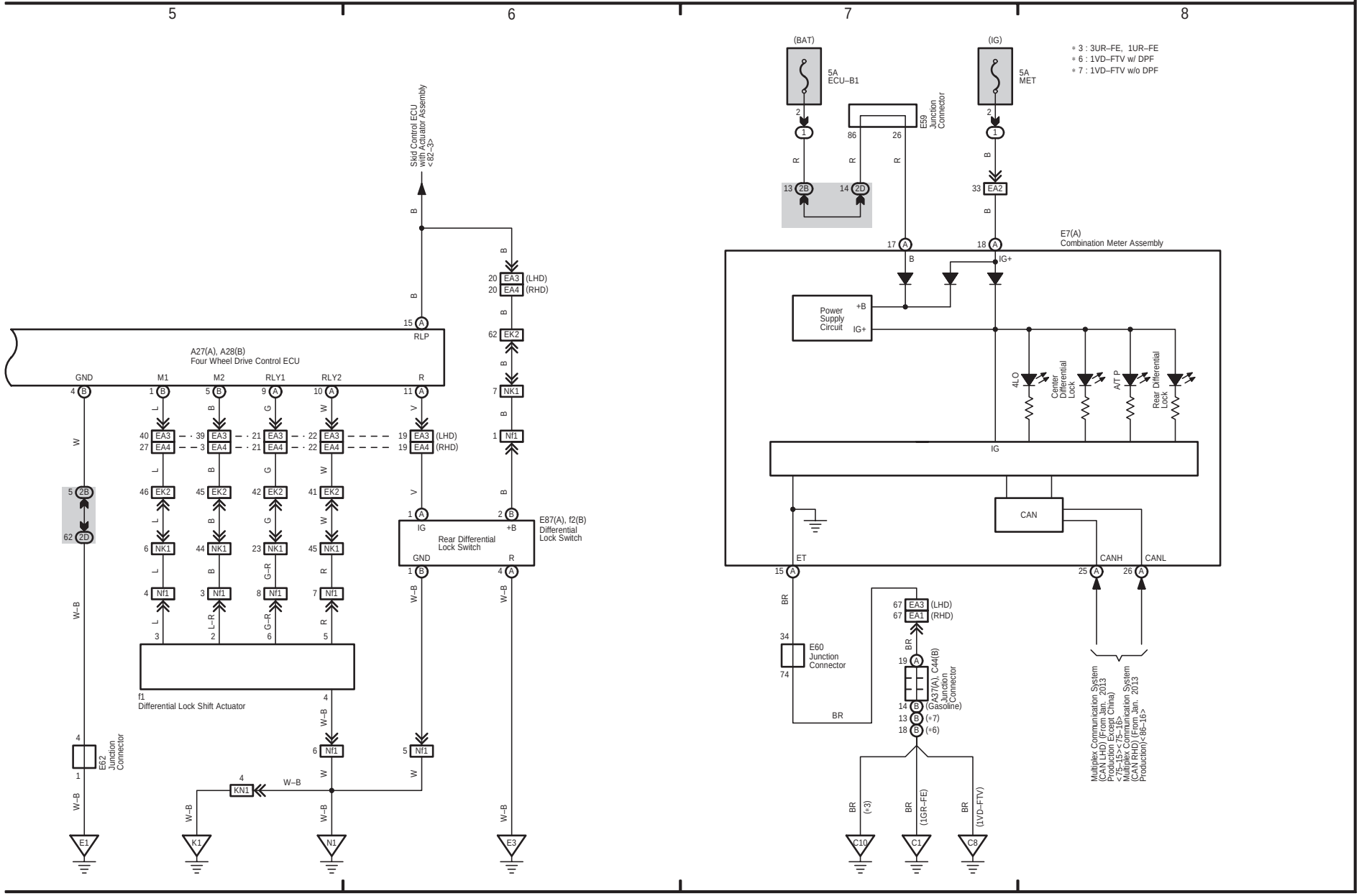
(Cont. next page)

Multi Mode 4WD (From Jan. 2013 Production Except China)

* 2 : Swing Type
* 3 : 3UR–FE, 1UR–FE
* 5 : Liftgate Type
* 8 : Except 1VD–FTV w/ DPF

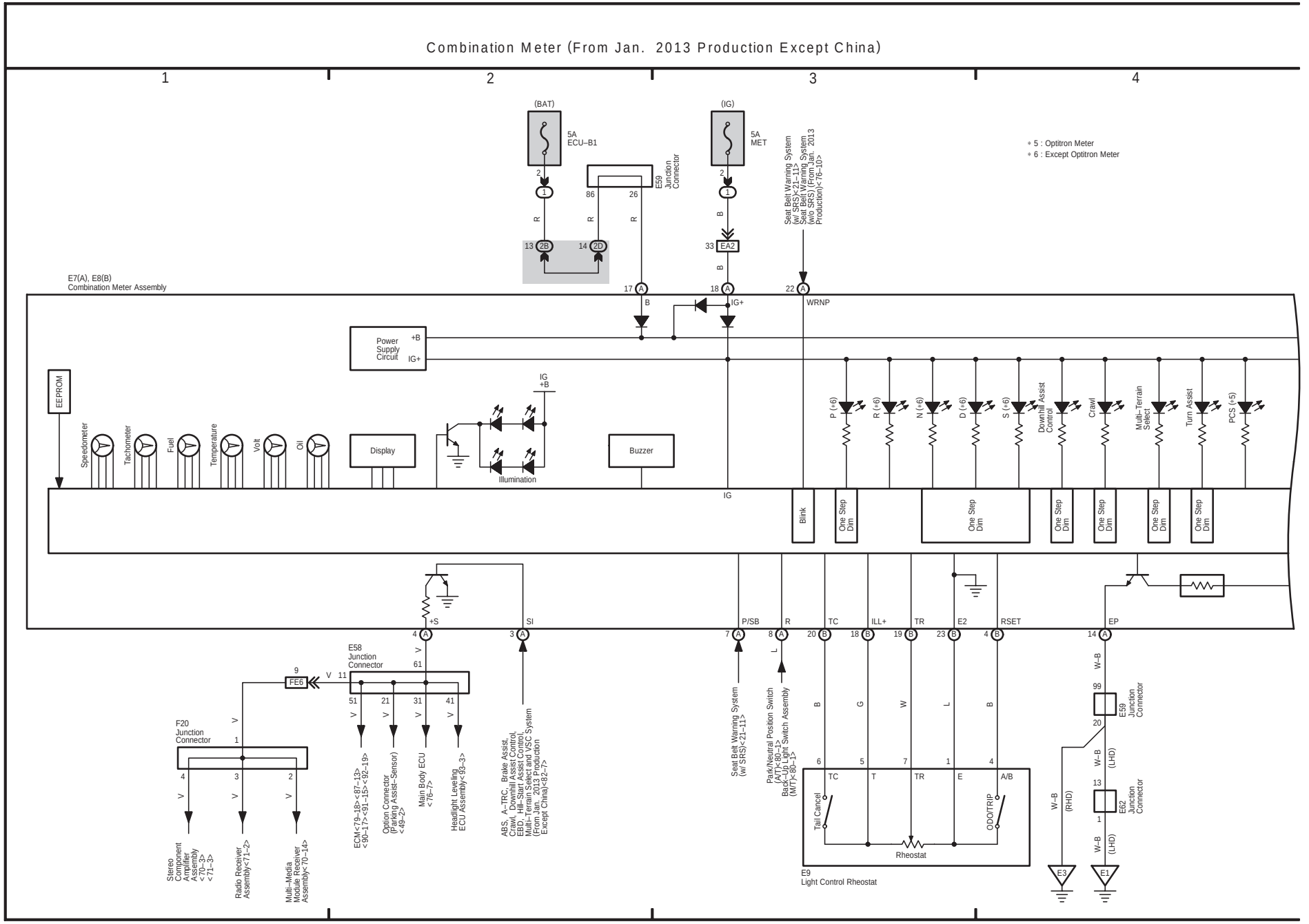


Multi Mode 4WD (From Jan. 2013 Production Except China)



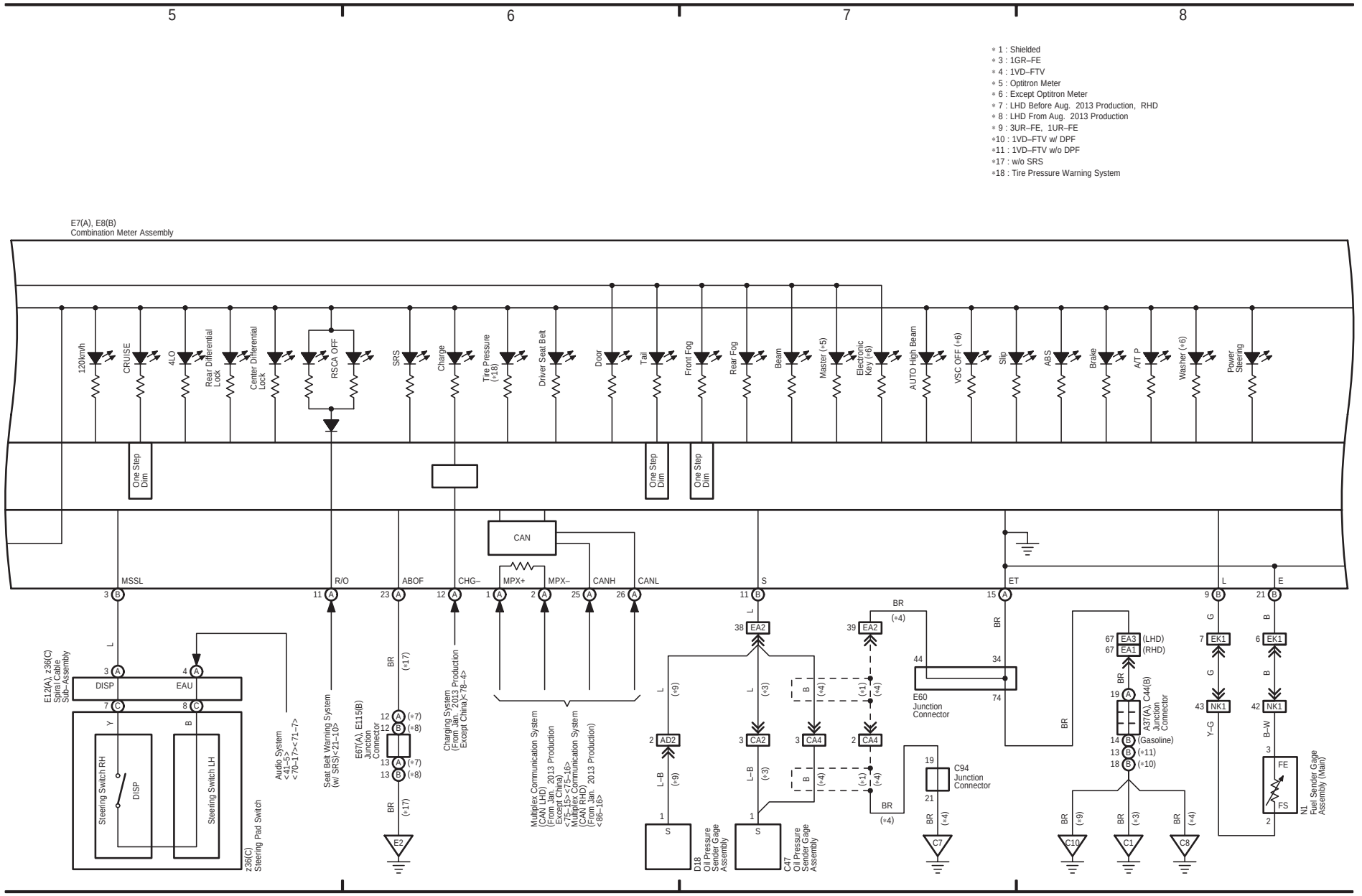
M

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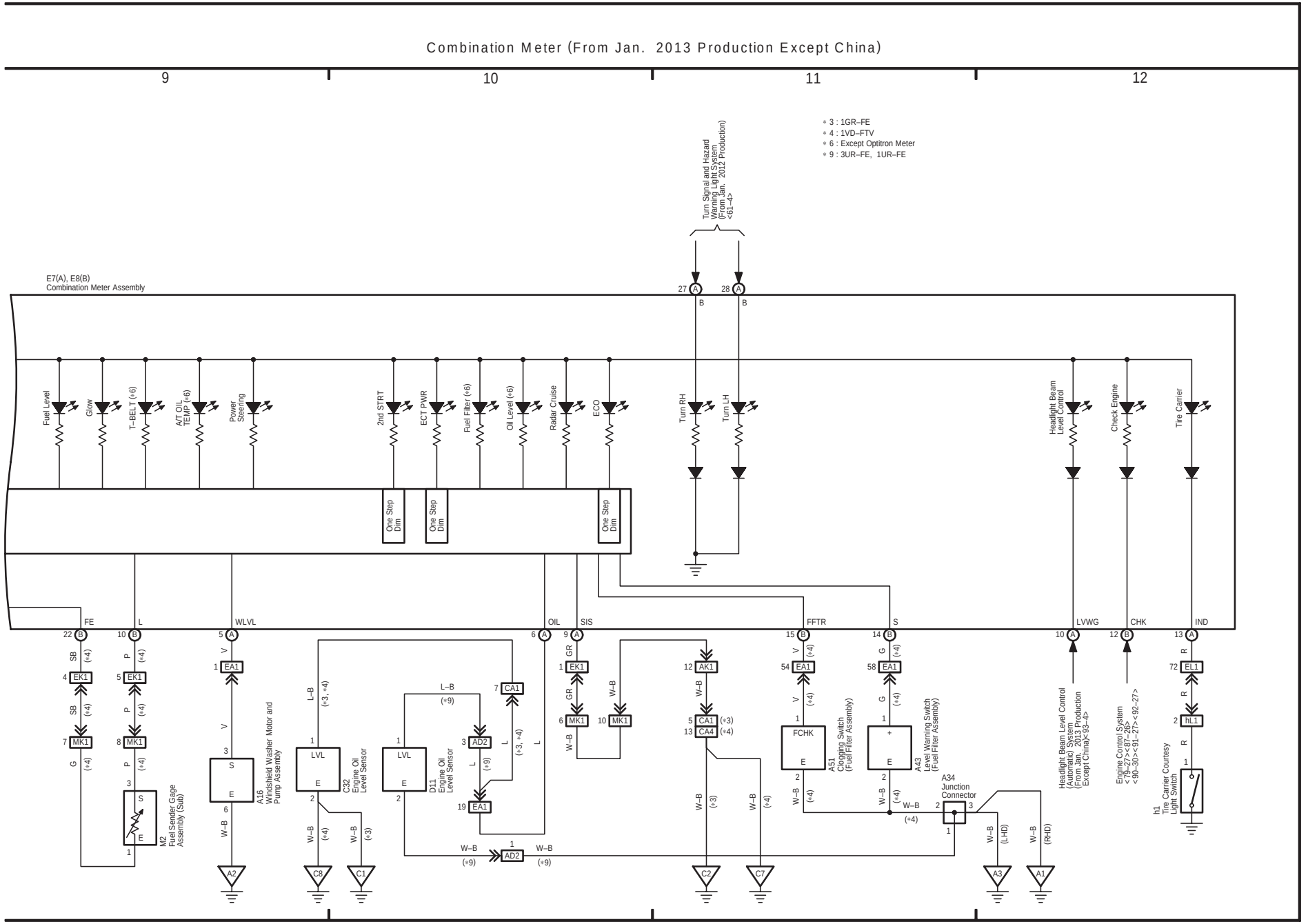


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Combination Meter (From Jan. 2013 Production Except China)



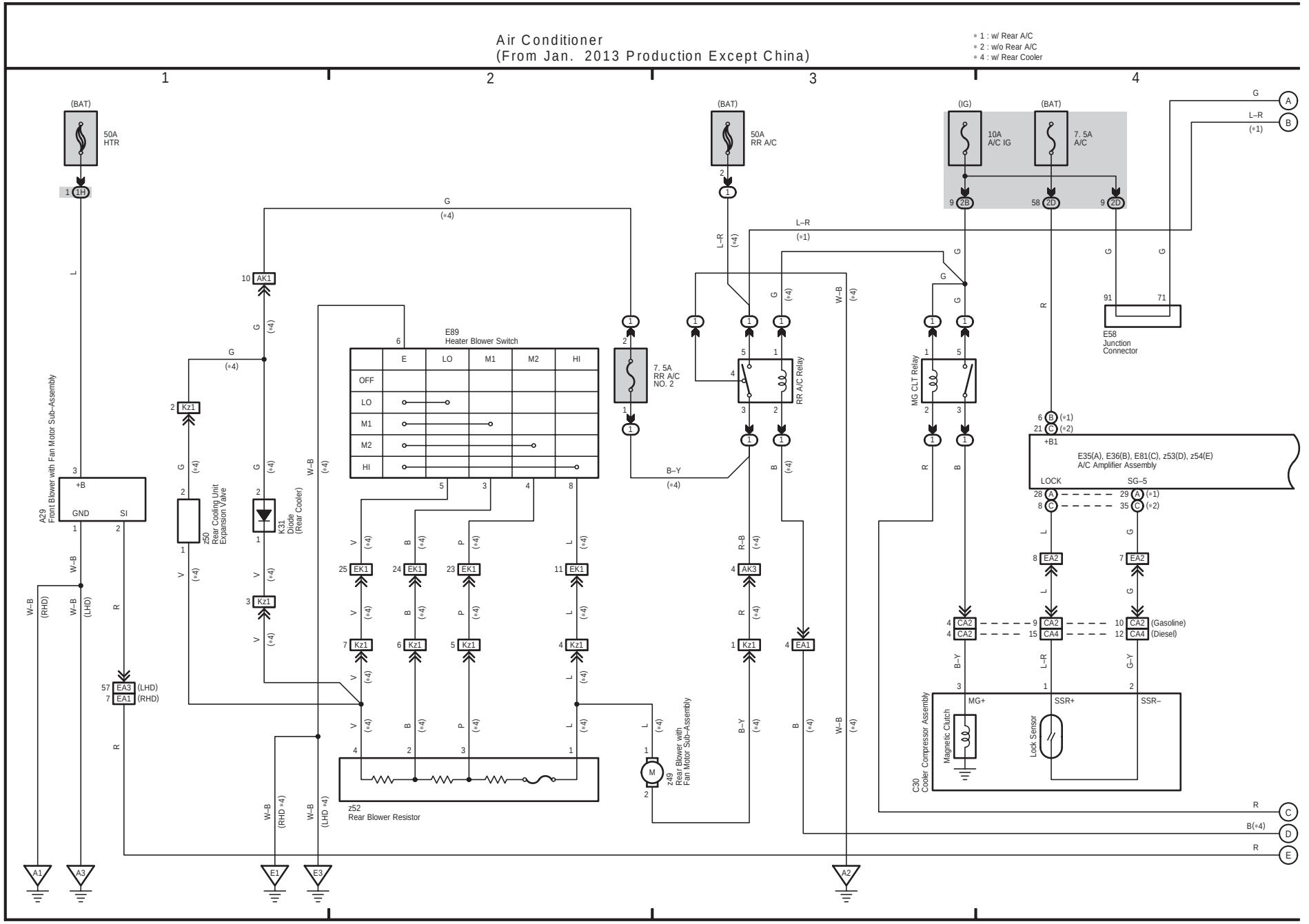
84 LAND CRUISER Station Wagon (Cont' d)



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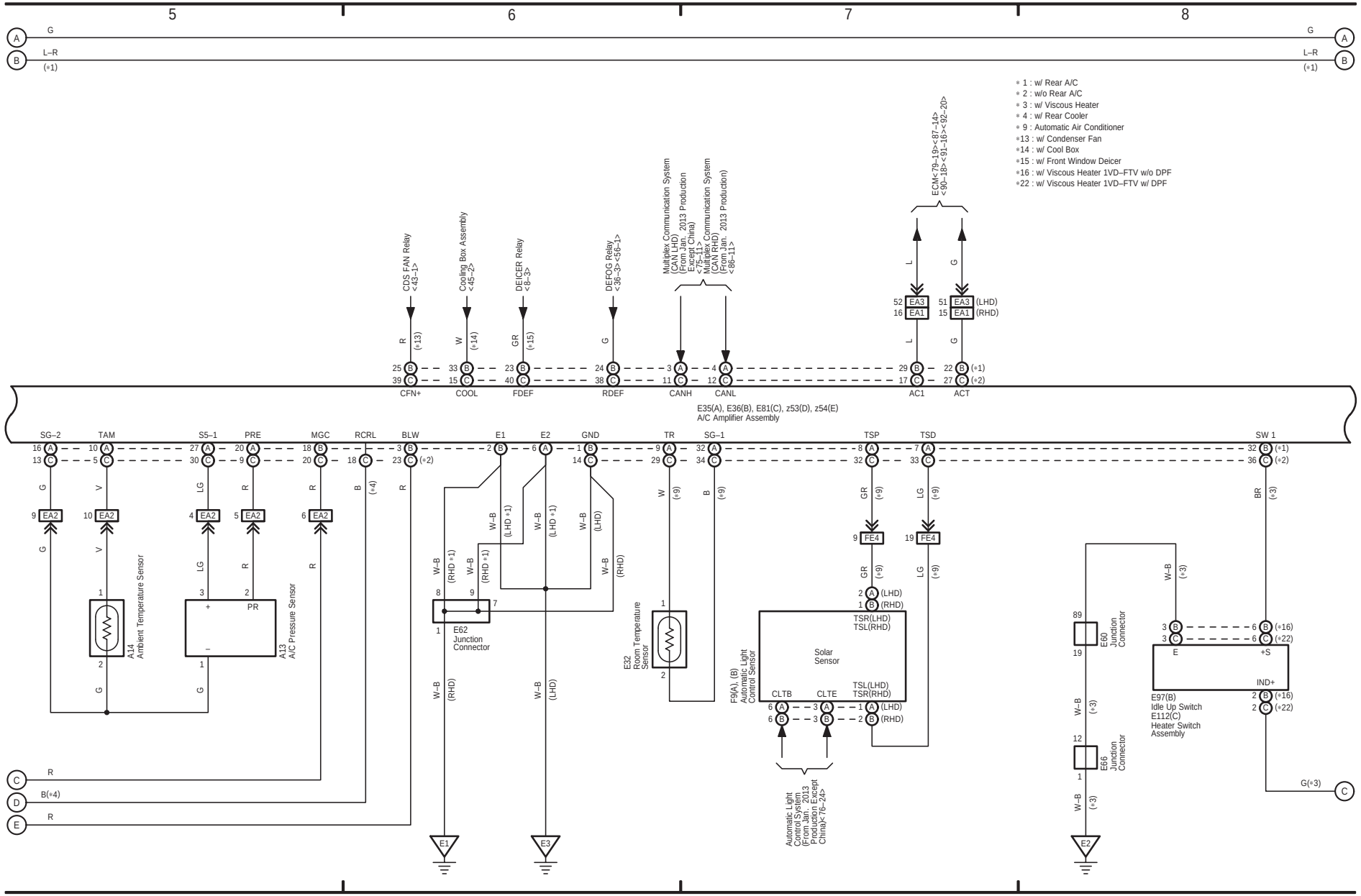
Air Conditioner
(From Jan. 2013 Production Except China)

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



(Cont. next page)

Air Conditioner
(From Jan. 2013 Production Except China)

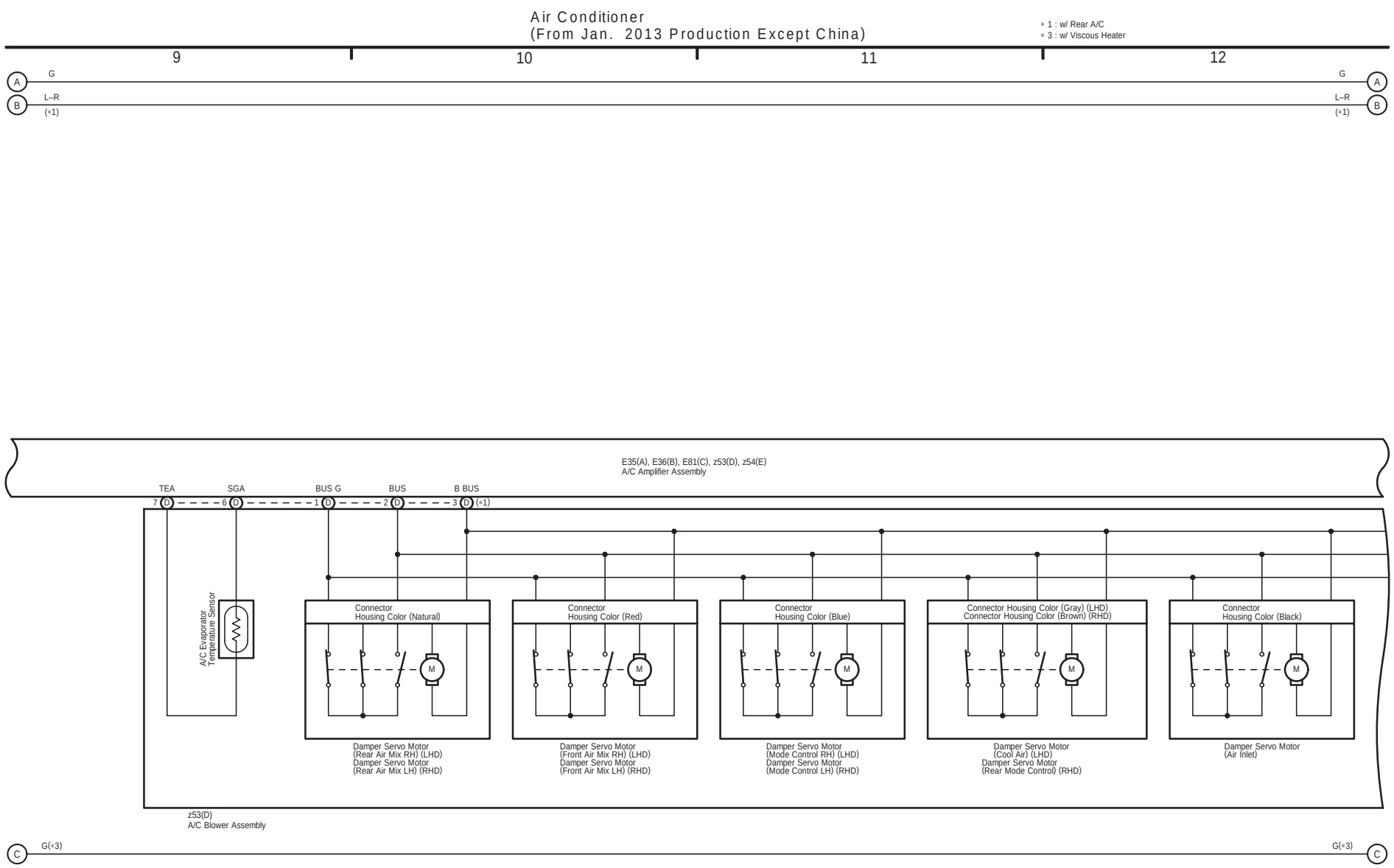


M

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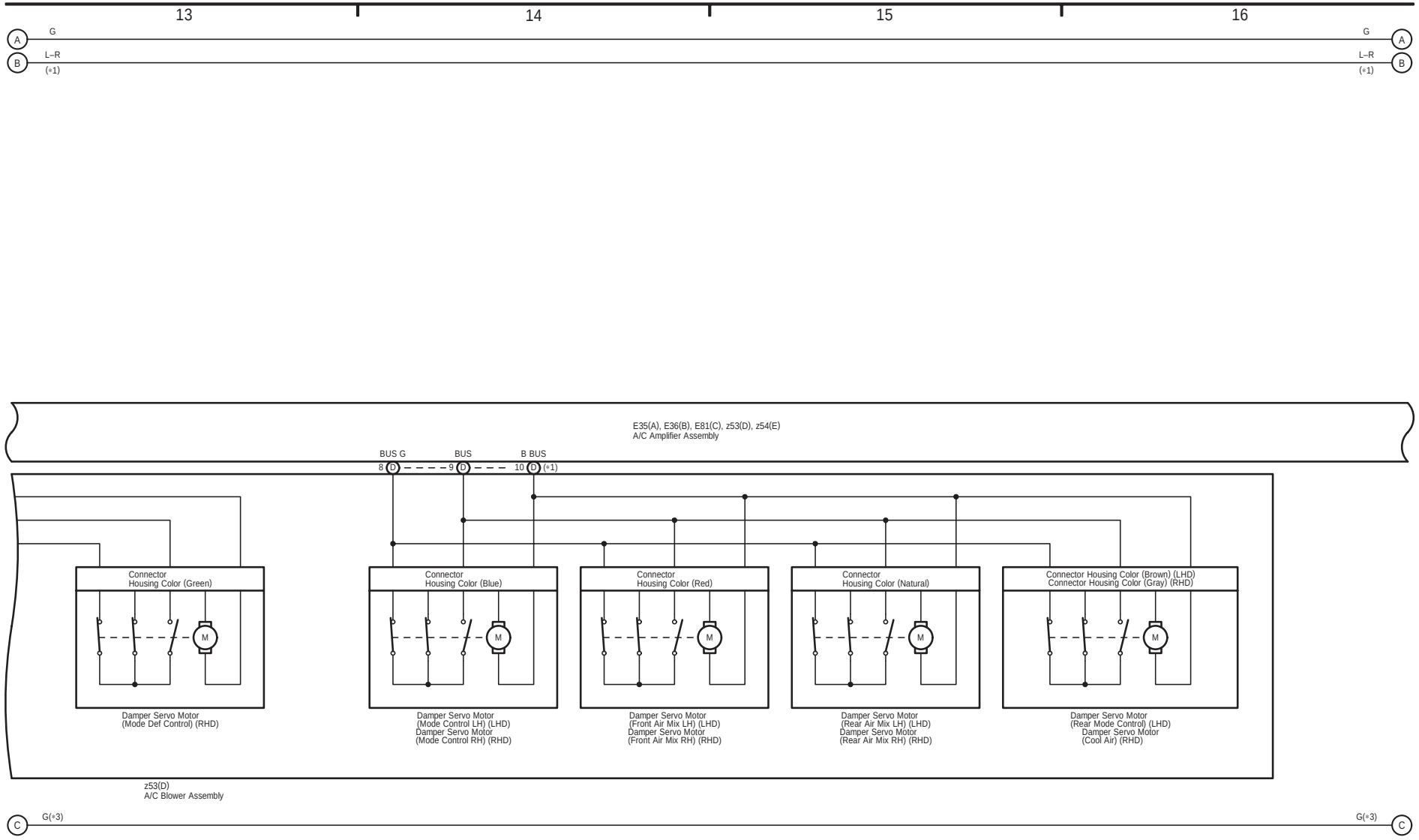
Air Conditioner
(From Jan. 2013 Production Except China)

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



Air Conditioner
(From Jan. 2013 Production Except China)

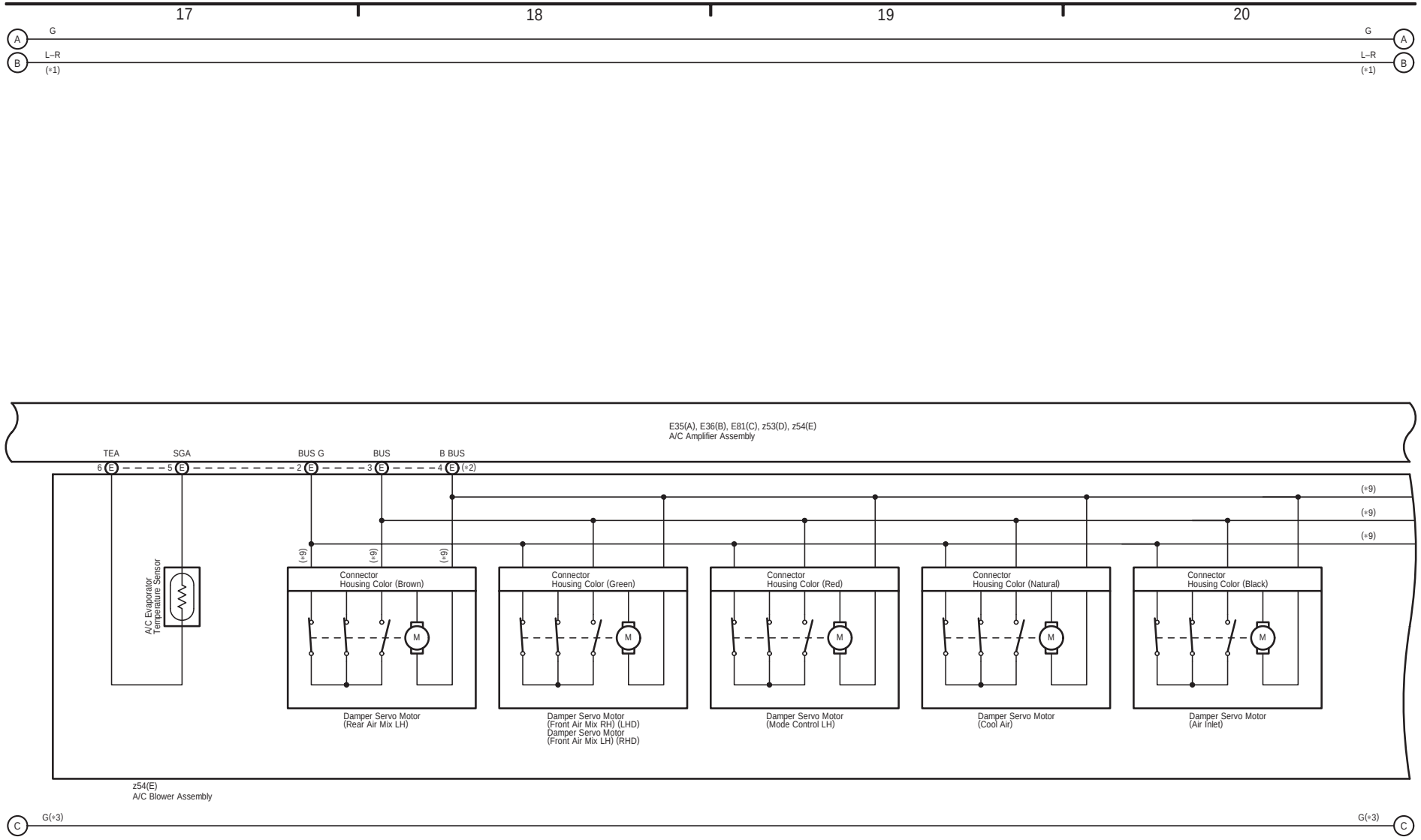
∗ 1 : w/ Rear A/C
∗ 3 : w/ Viscous Heater



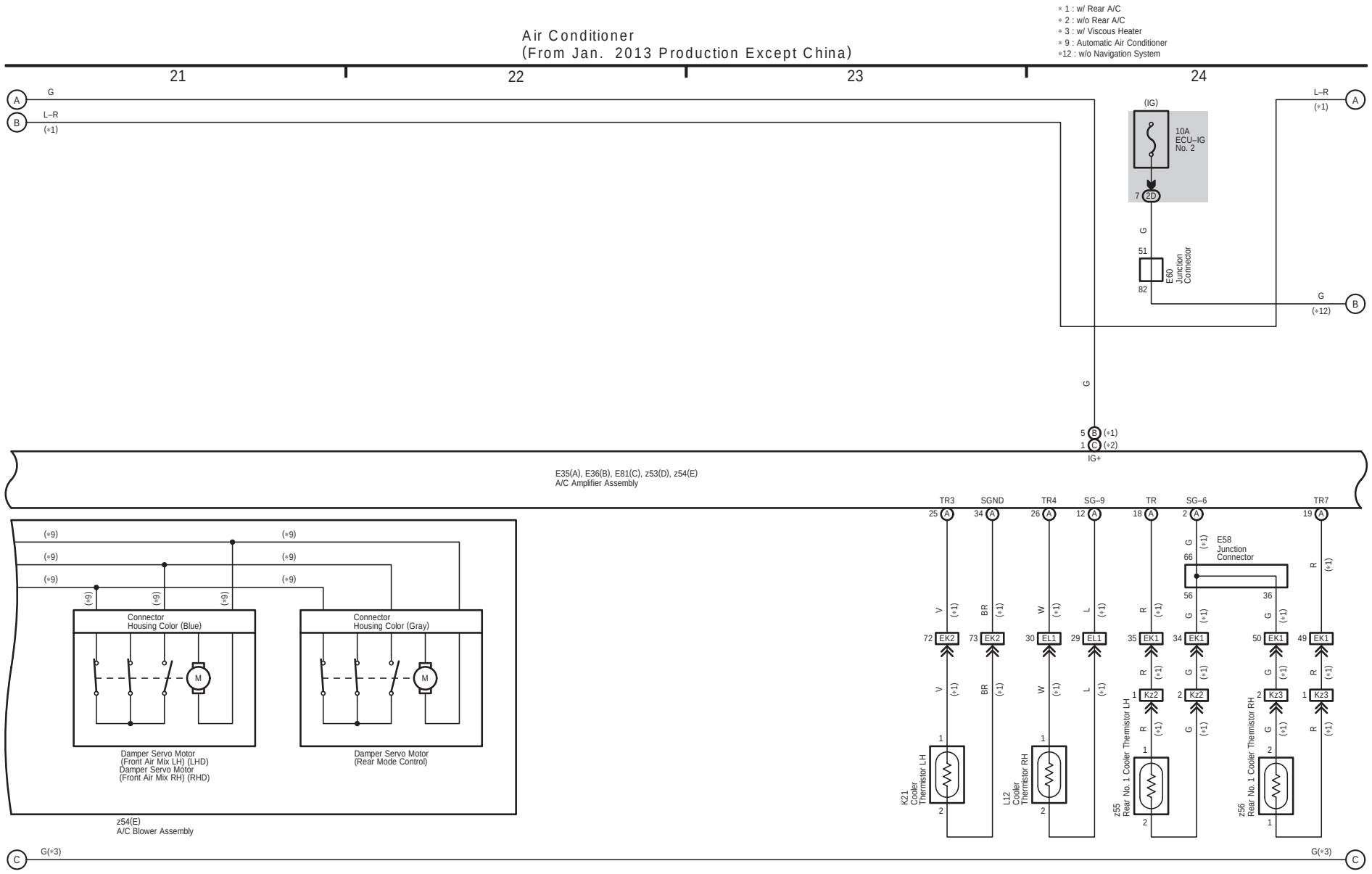
(Cont. next page)

Air Conditioner
(From Jan. 2013 Production Except China)

∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 3 : w/ Viscous Heater
∗ 9 : Automatic Air Conditioner

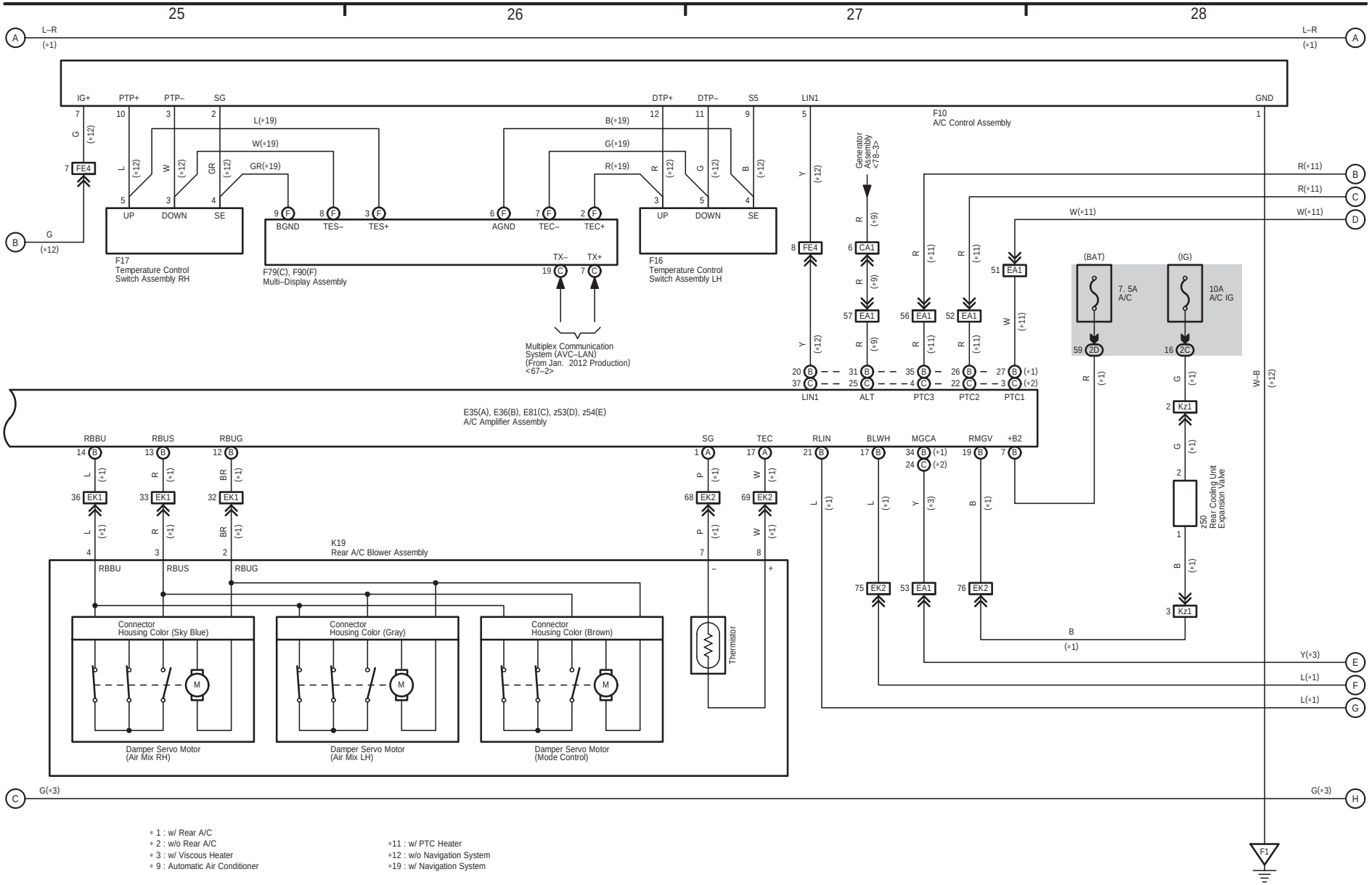


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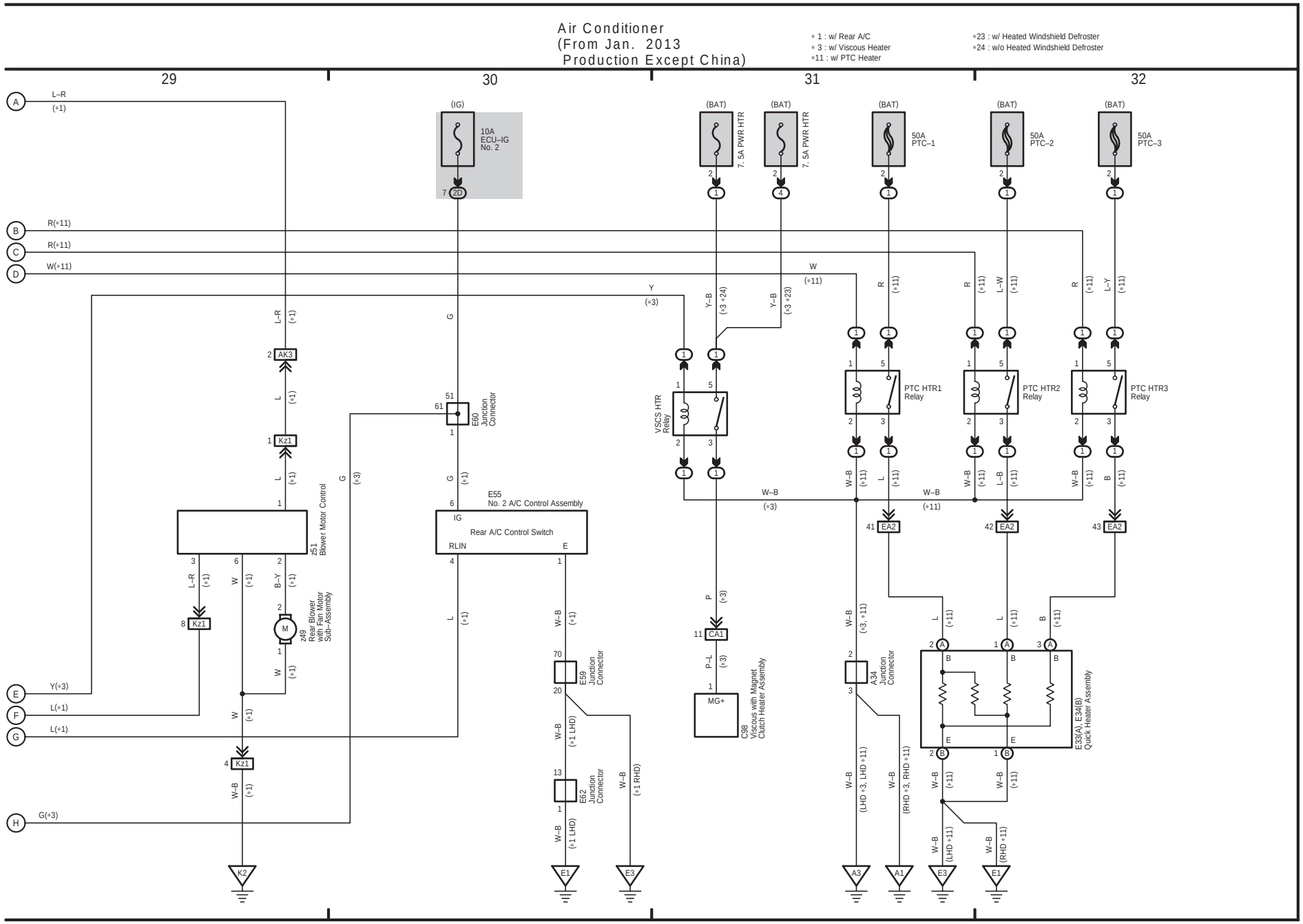


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Air Conditioner
(From Jan. 2013 Production Except China)



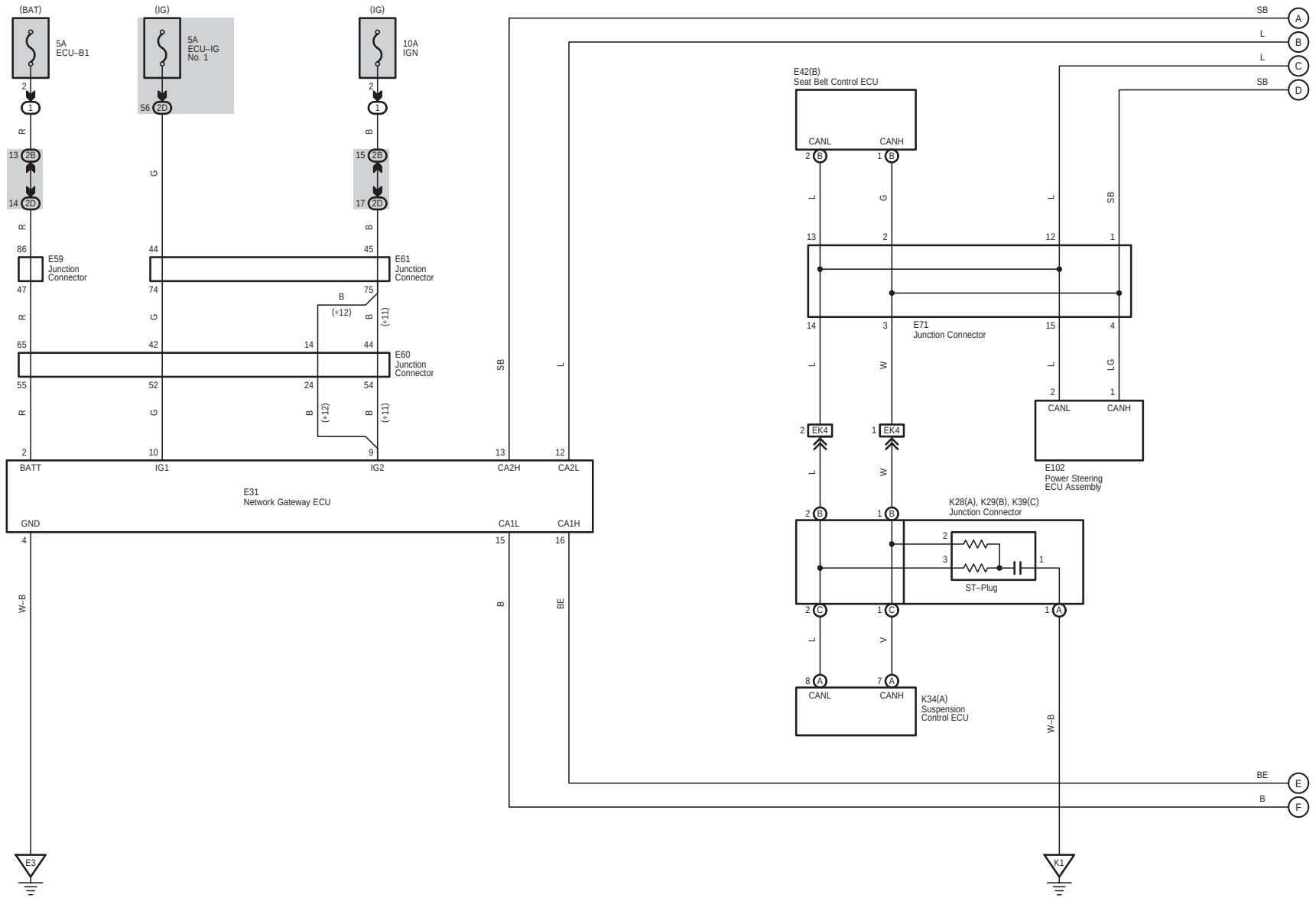
* 1 : w/ Rear A/C
* 2 : w/o Rear A/C
* 3 : w/ Viscous Heater
* 9 : Automatic Air Conditioner
*11 : w/ PTC Heater
*12 : w/o Navigation System
*19 : w/ Navigation System


Air Conditioner
(From Jan. 2013
Production Except China)
∗1 : w/ Rear A/C
∗3 : w/ Viscous Heater
∗11 : w/ PTC Heater
∗23 : w/ Heated Windshield Defroster
∗24 : w/o Heated Windshield Defroster
29
30
31
32
(IG)
10A
ECU–IG
No. 2
(BAT)
7. 5A PWR HTR
50A
PTC–1
50A
PTC–2
50A
PTC–3
PTC HTR1
Relay
PTC HTR2
Relay
PTC HTR3
Relay
VSCS HTR
Relay
E80
Junction
Connector
E55
No. 2 A/C Control Assembly
Rear A/C Control Switch
RLIN
IG
z51
Blower Motor Control
z49
Rear Blower
with Fan Motor
Sub–Assembly
E59
Junction
Connector
E62
Junction
Connector
A34
Junction
Connector
C98
Viscous with Magnet
Clutch Heater Assembly
E33(A), E34(B)
Quick Heater Assembly
MG+
L–R
R(∗11)
W(∗11)
Y(∗3)
L(∗1)
G(∗3)
W–B
Y–B
P–L
B–Y
K2
E1
E3
A3
A1

(Cont. next page)

Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)

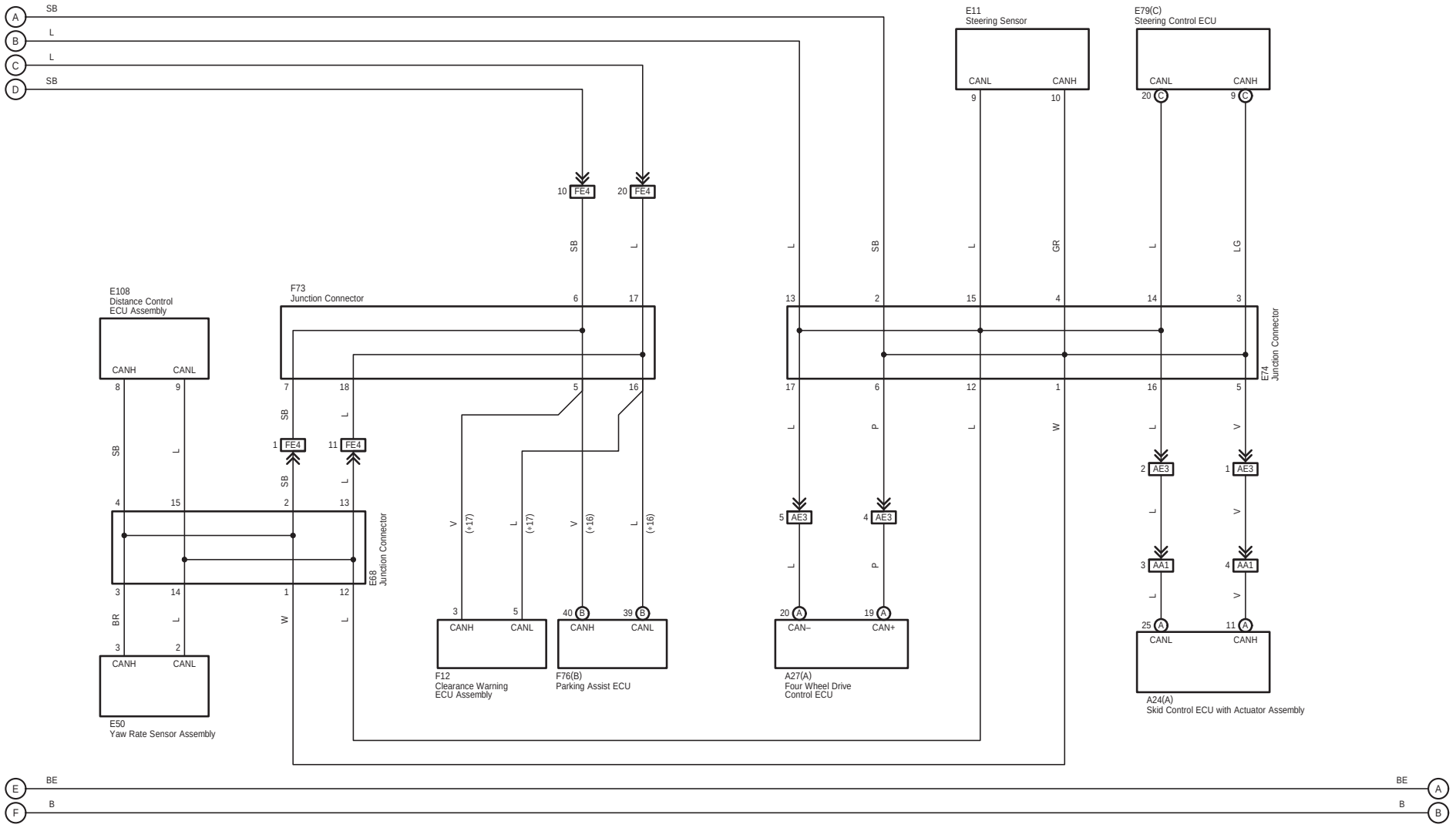
∗11 : Liftgate Type
∗12 : Swing Type



(Cont. next page)

Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)

*16 : w/ Multi–Terrain Monitor
*17 : w/o Multi–Terrain Monitor

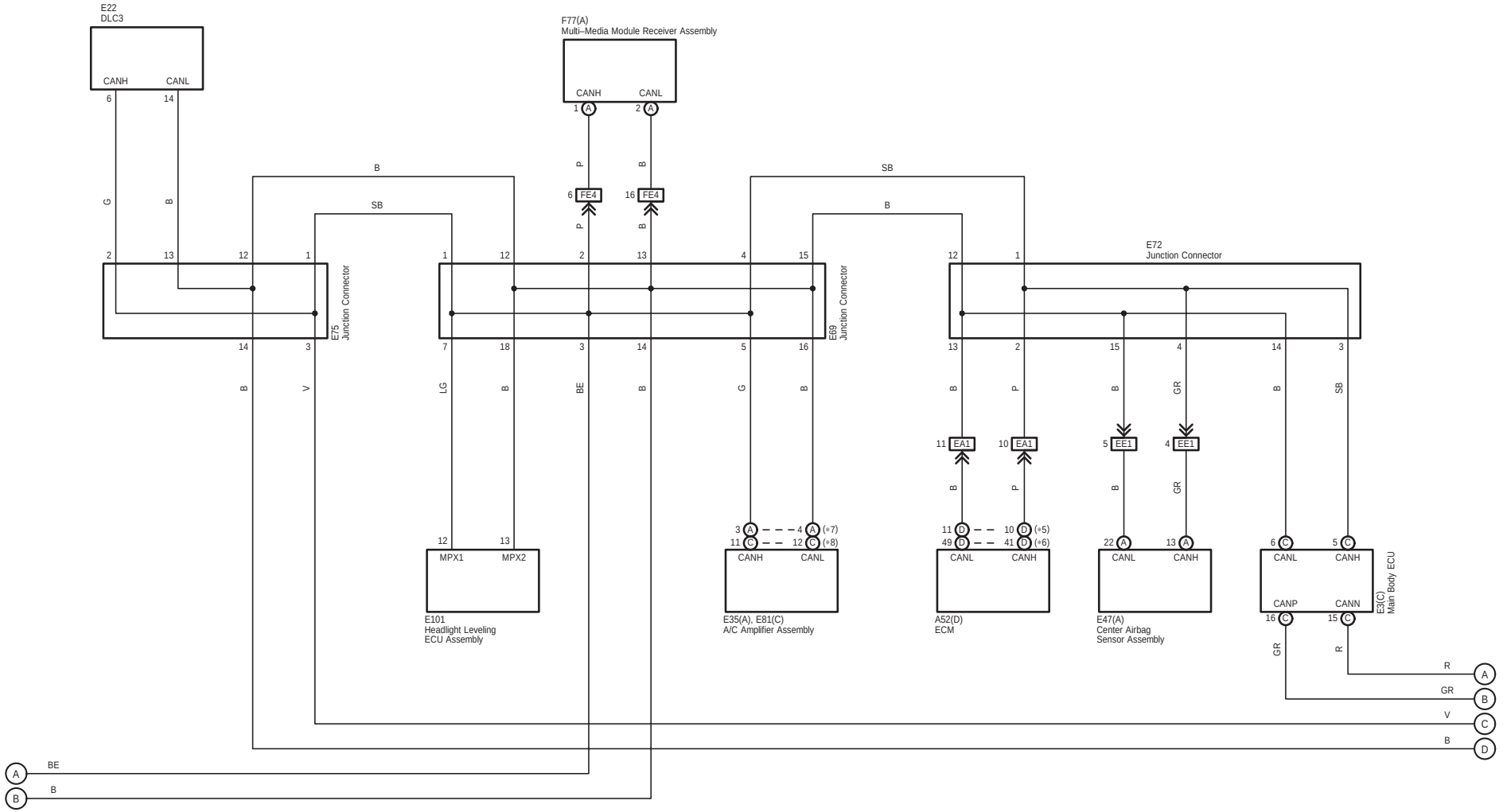


(Cont. next page)

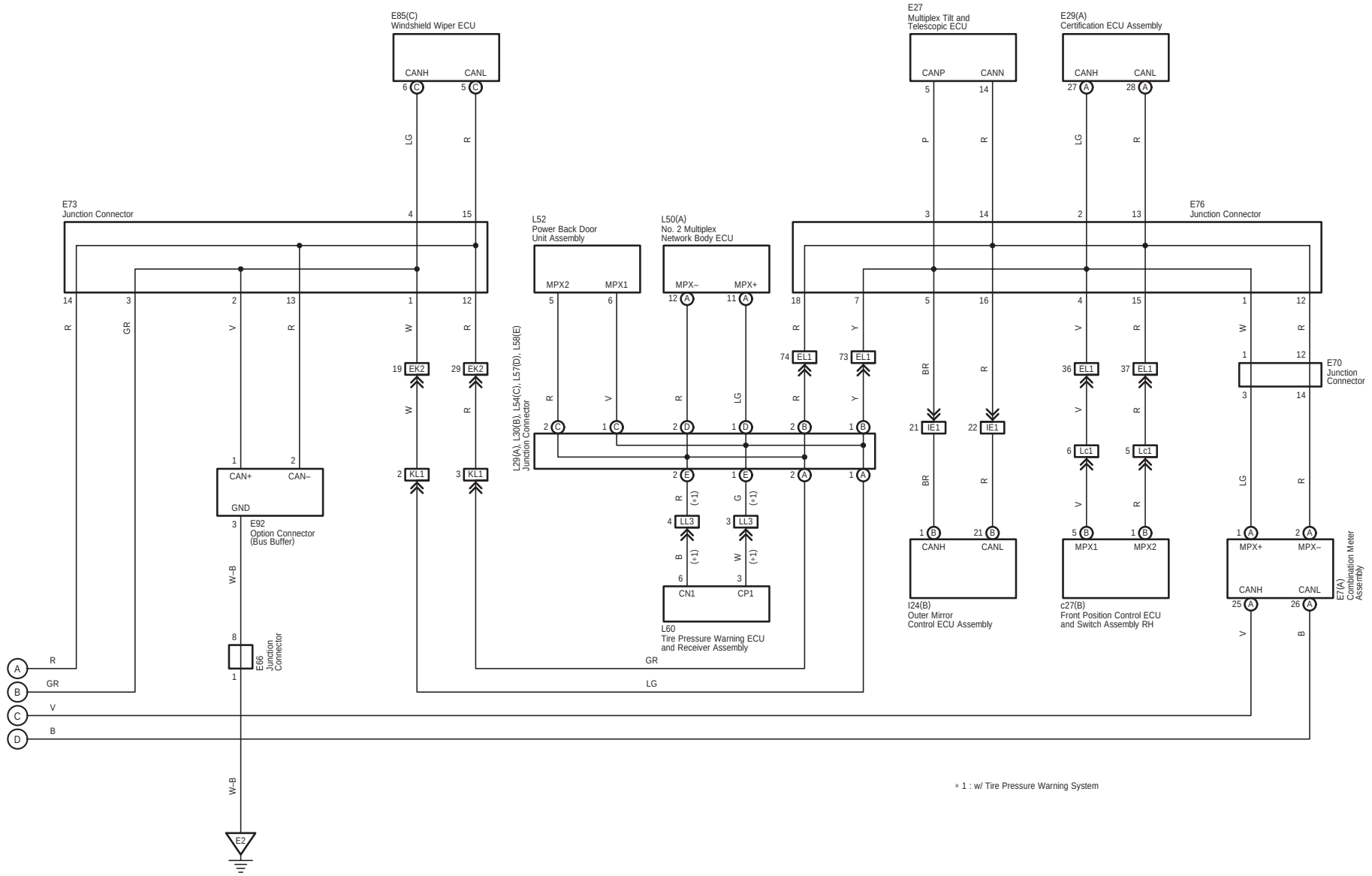
Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)

∗ 5 : 1UR–FE, 1GR–FE
∗ 6 : 1VD–FTV
∗ 7 : w/ Rear A/C
∗ 8 : w/o Rear A/C

9 10 11 12

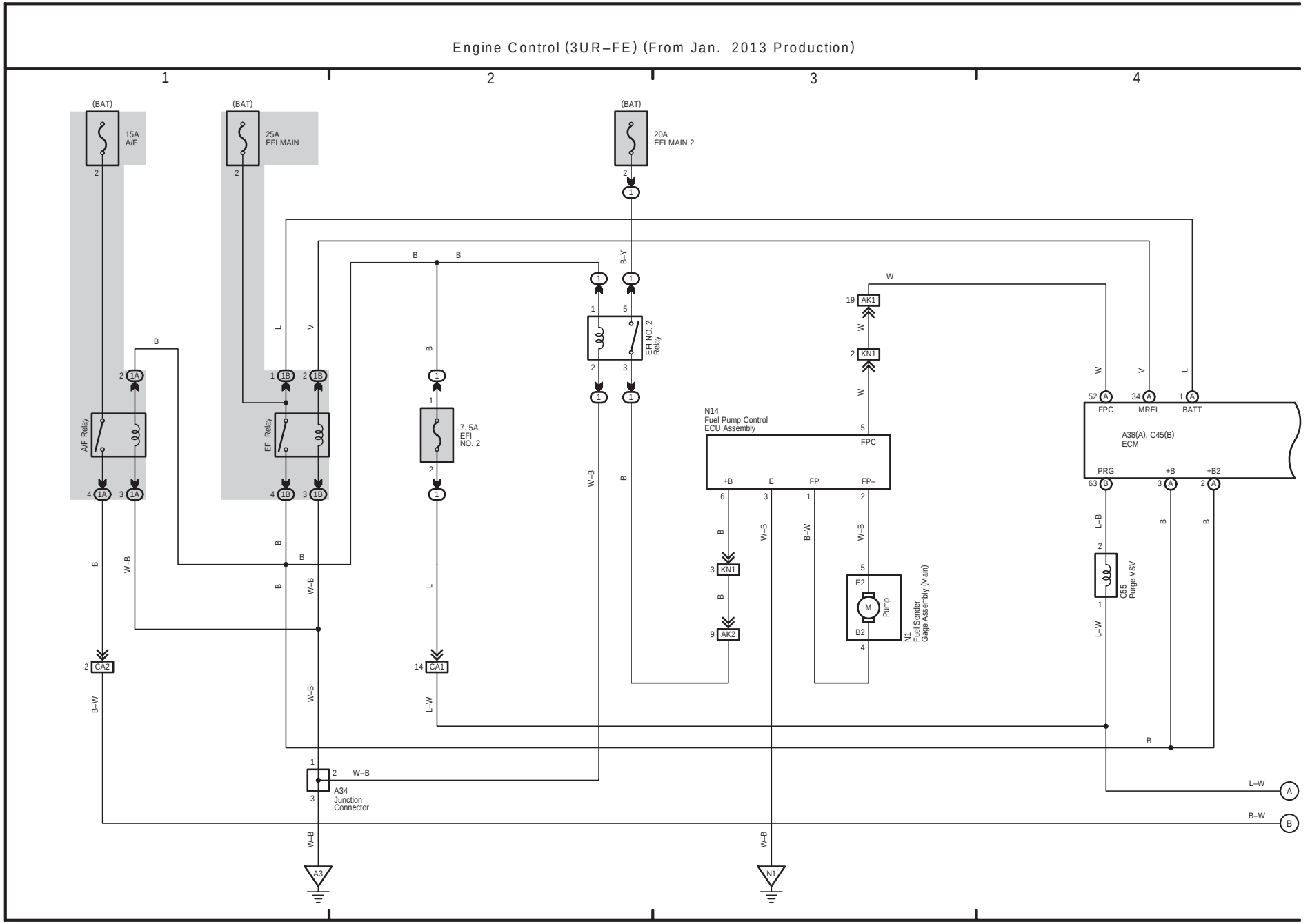


Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)



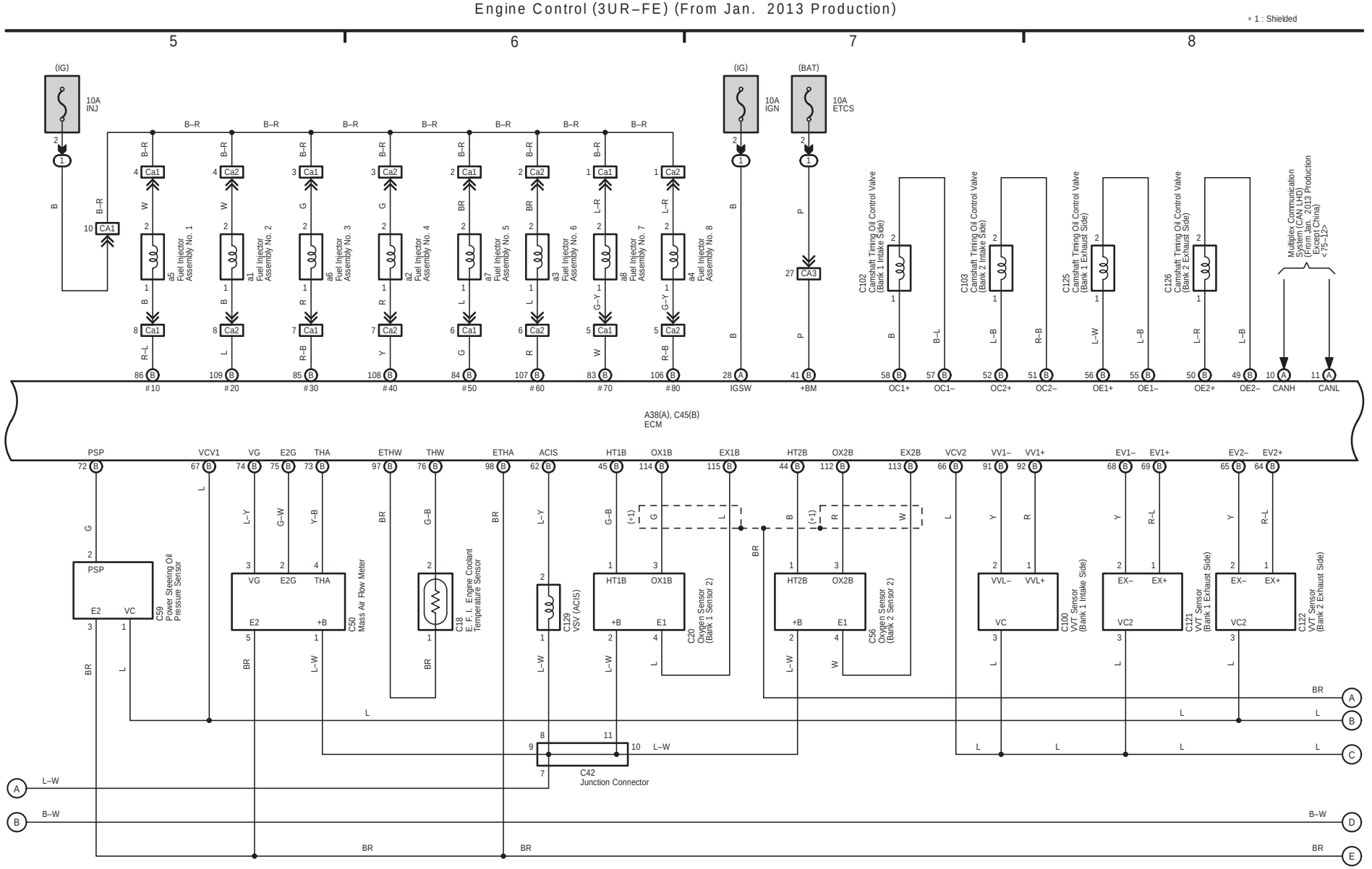
(Cont. next page)

Engine Control (3UR–FE) (From Jan. 2013 Production)



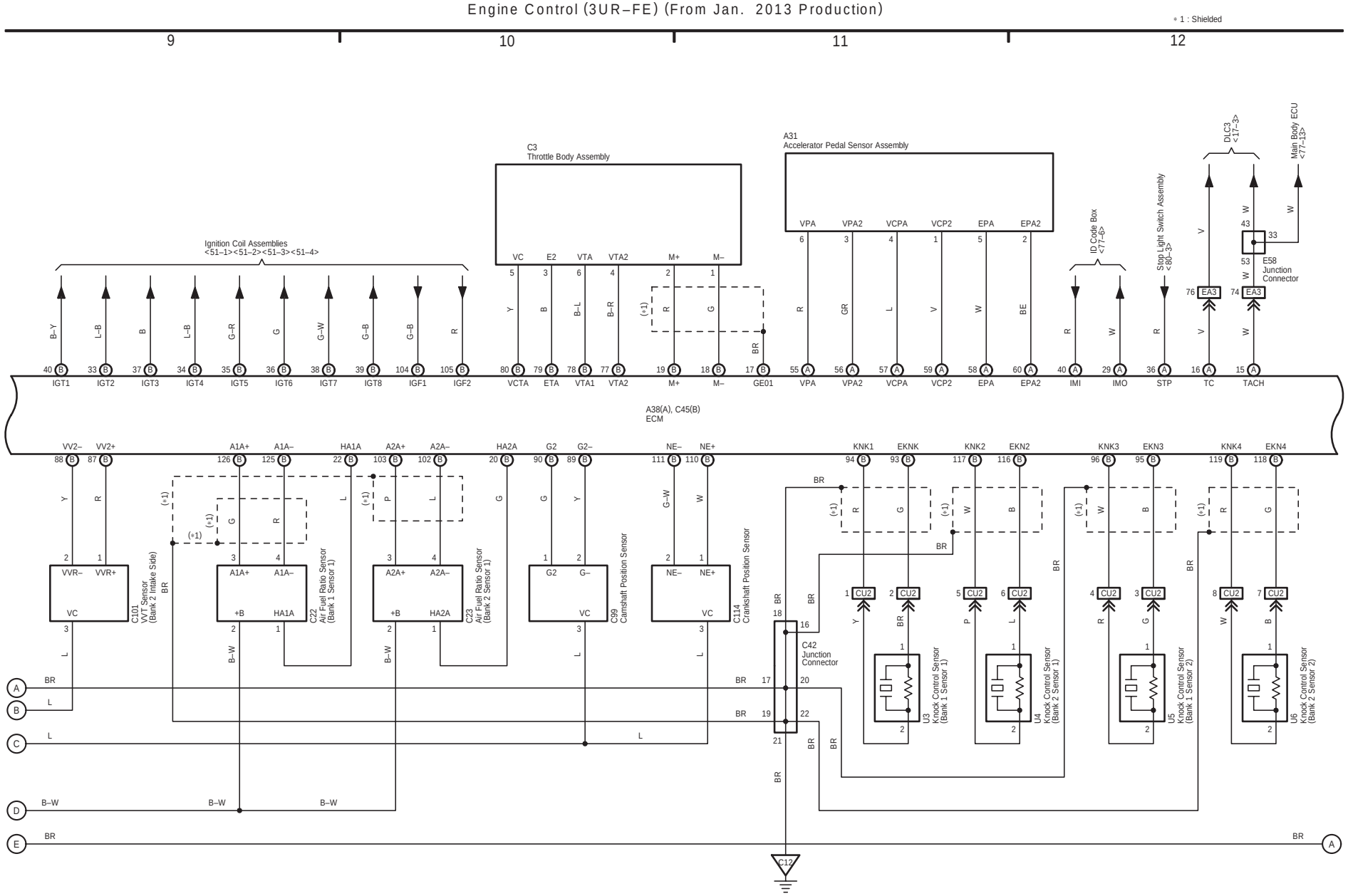
(Cont. next page)

Engine Control (3UR–FE) (From Jan. 2013 Production)

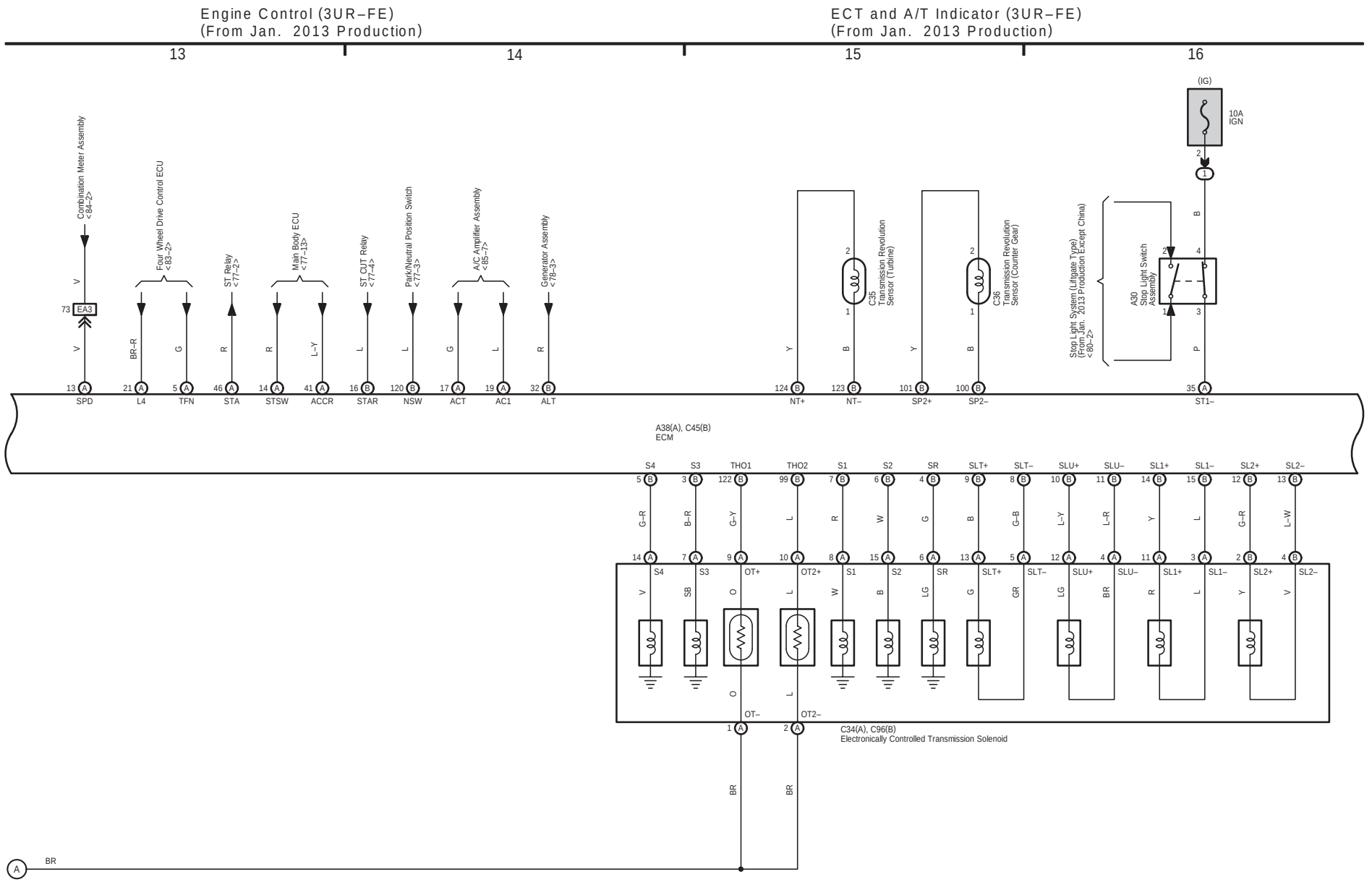


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Engine Control (3UR–FE) (From Jan. 2013 Production)



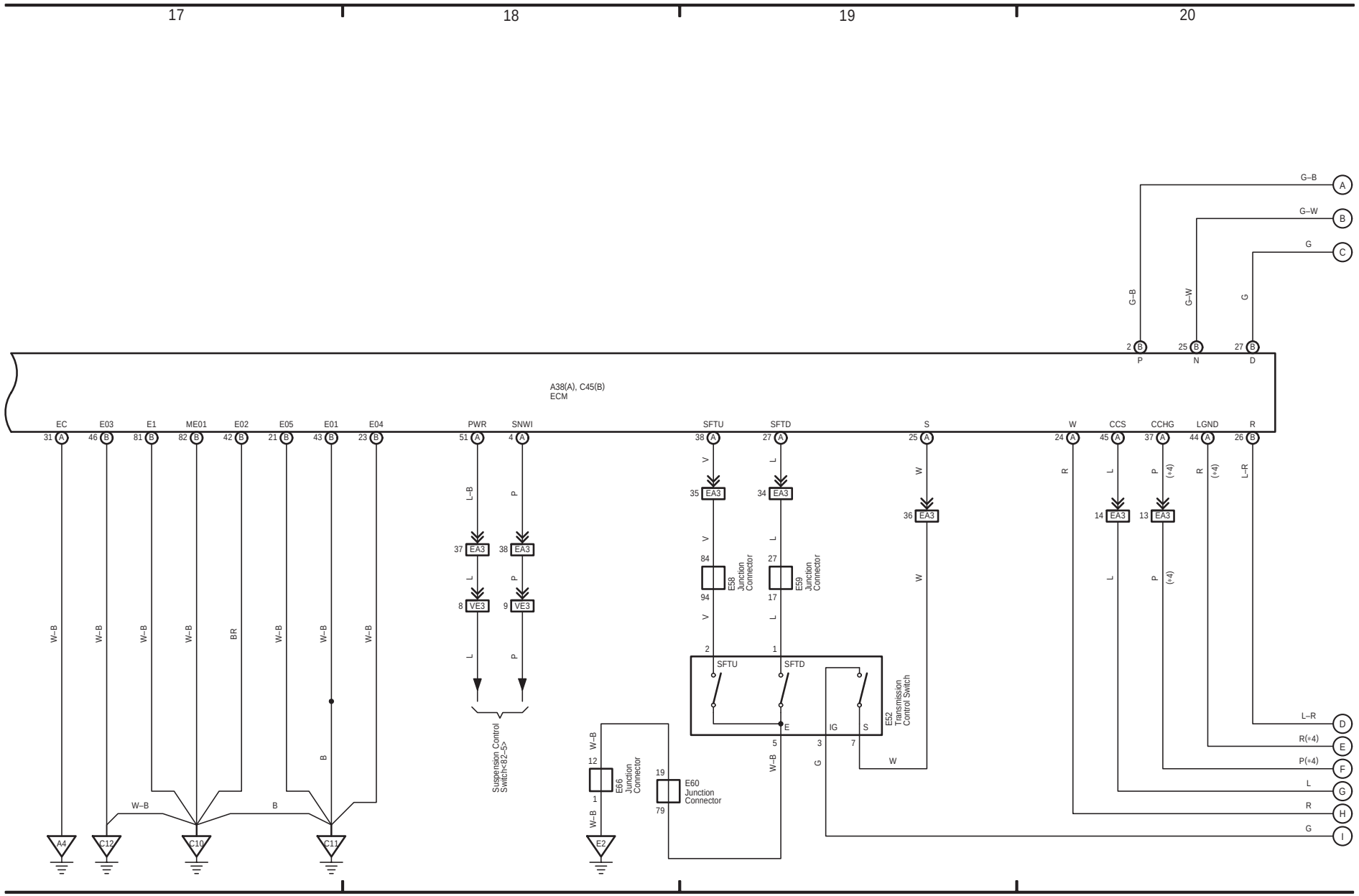
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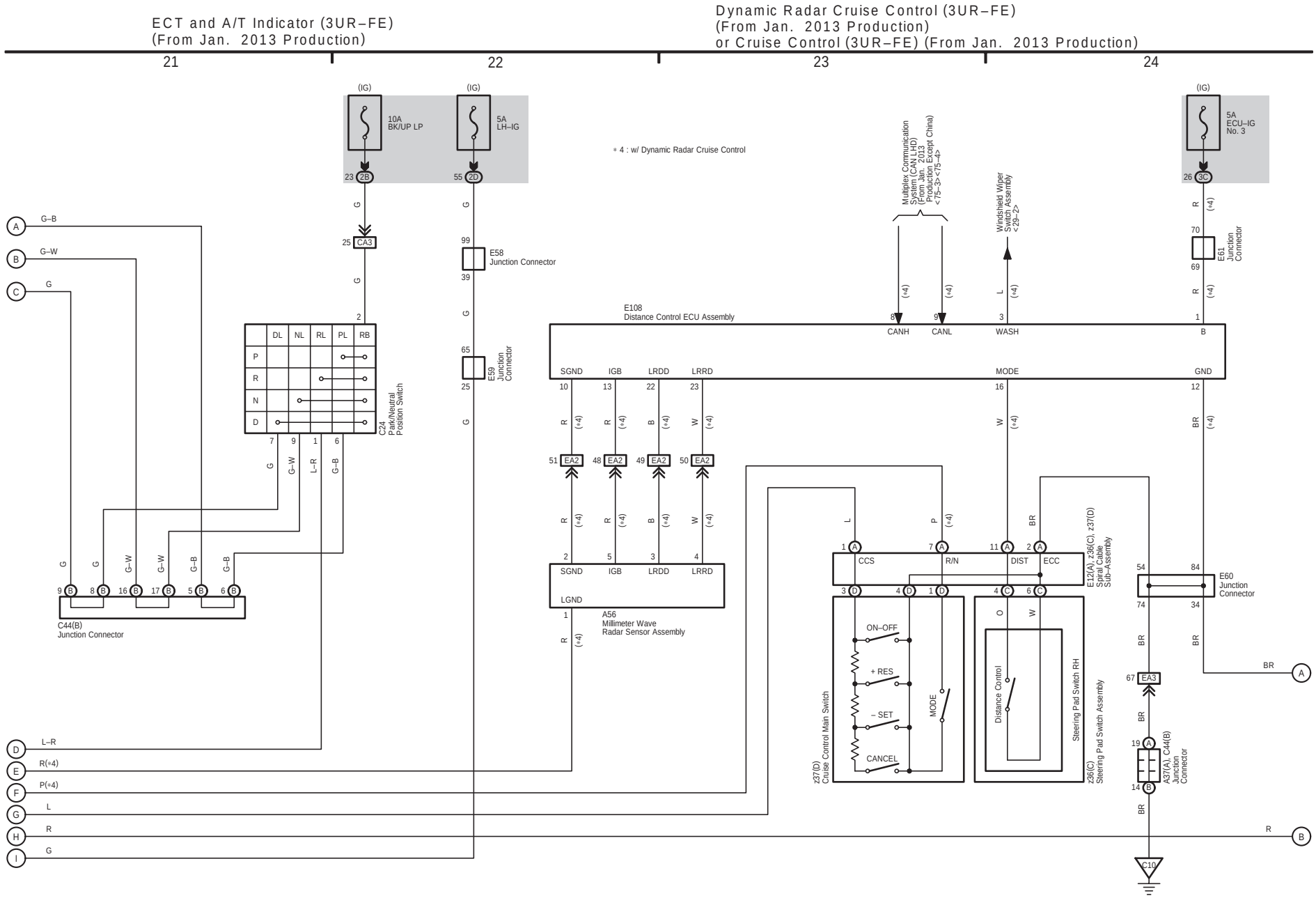
(Cont. next page)

ECT and A/T Indicator (3UR–FE)
(From Jan. 2013 Production)

* 4 : w/ Dynamic Radar Cruise Control

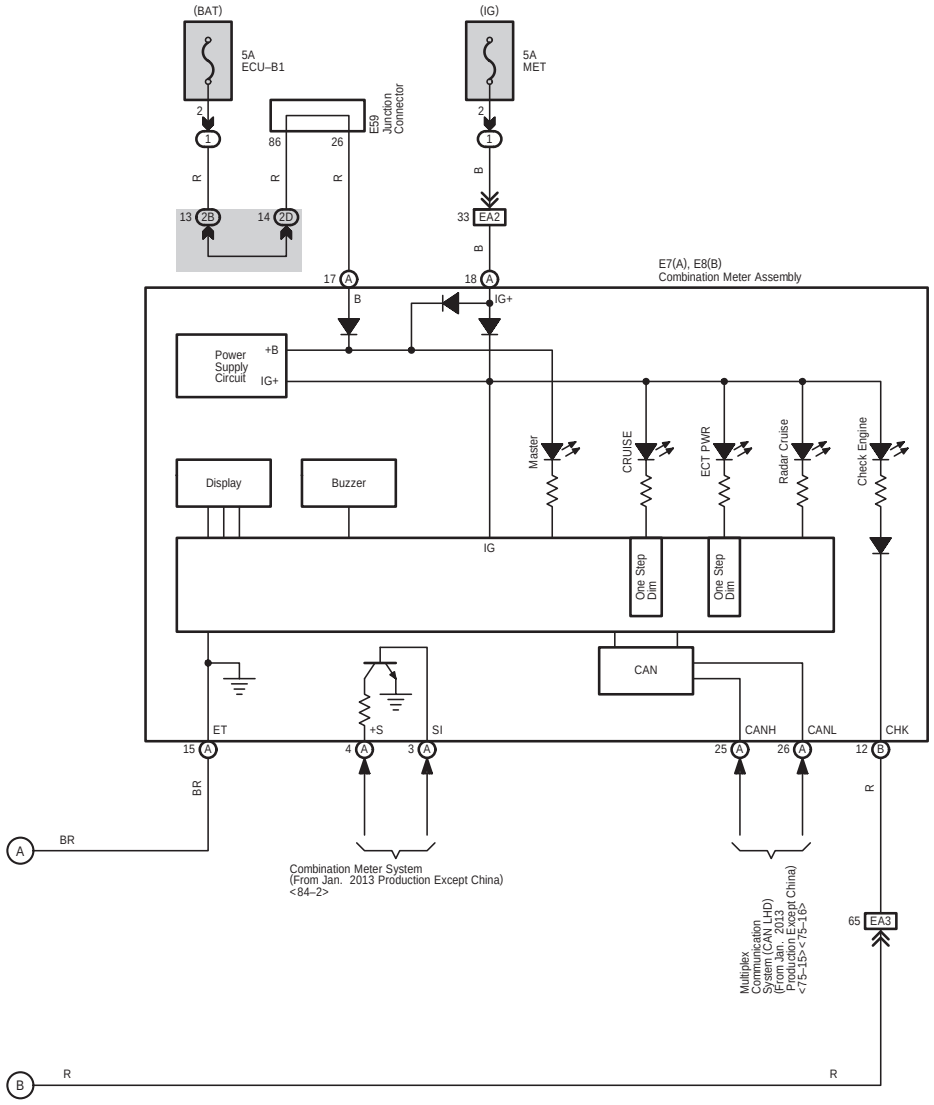


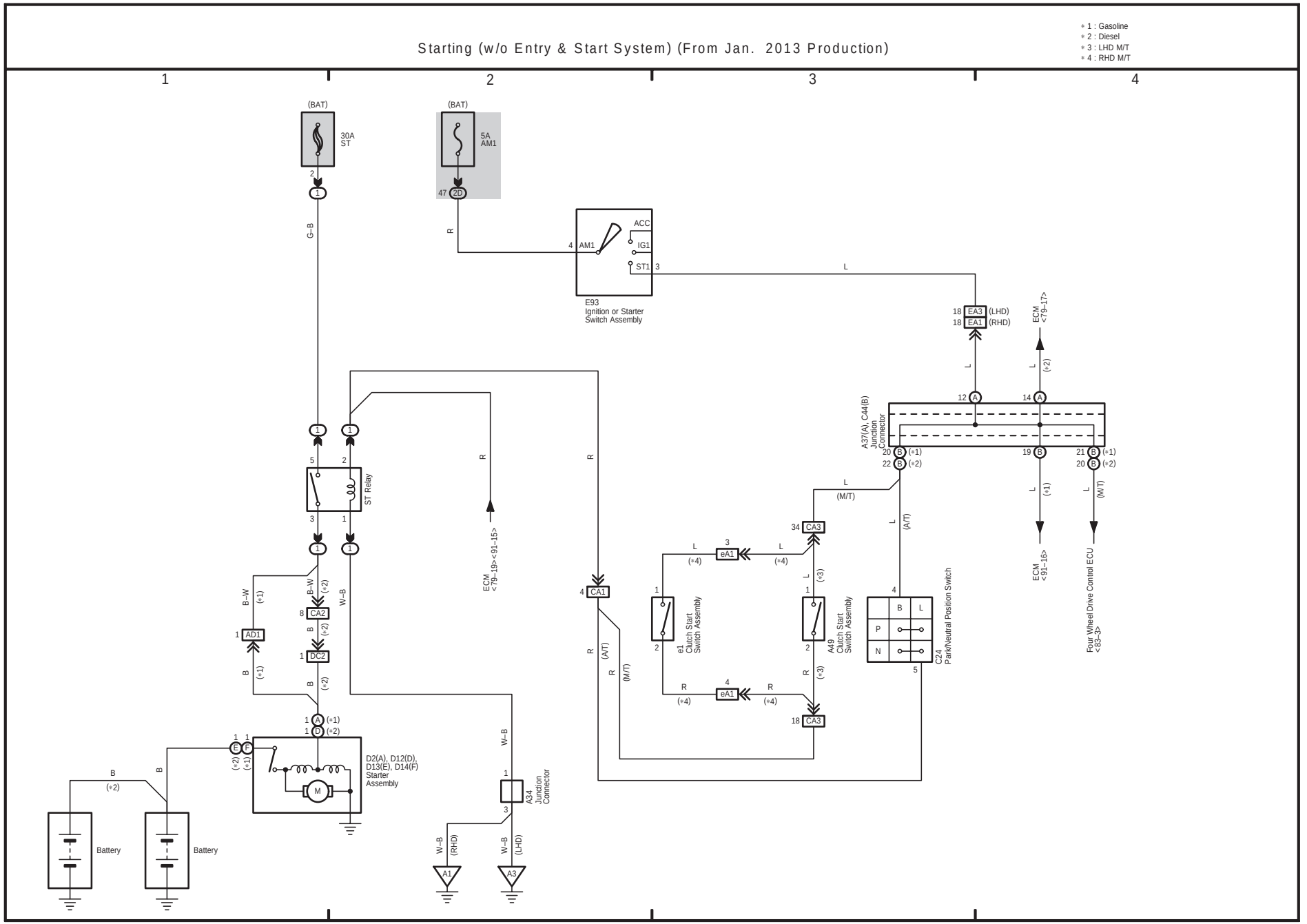
(Cont. next page)



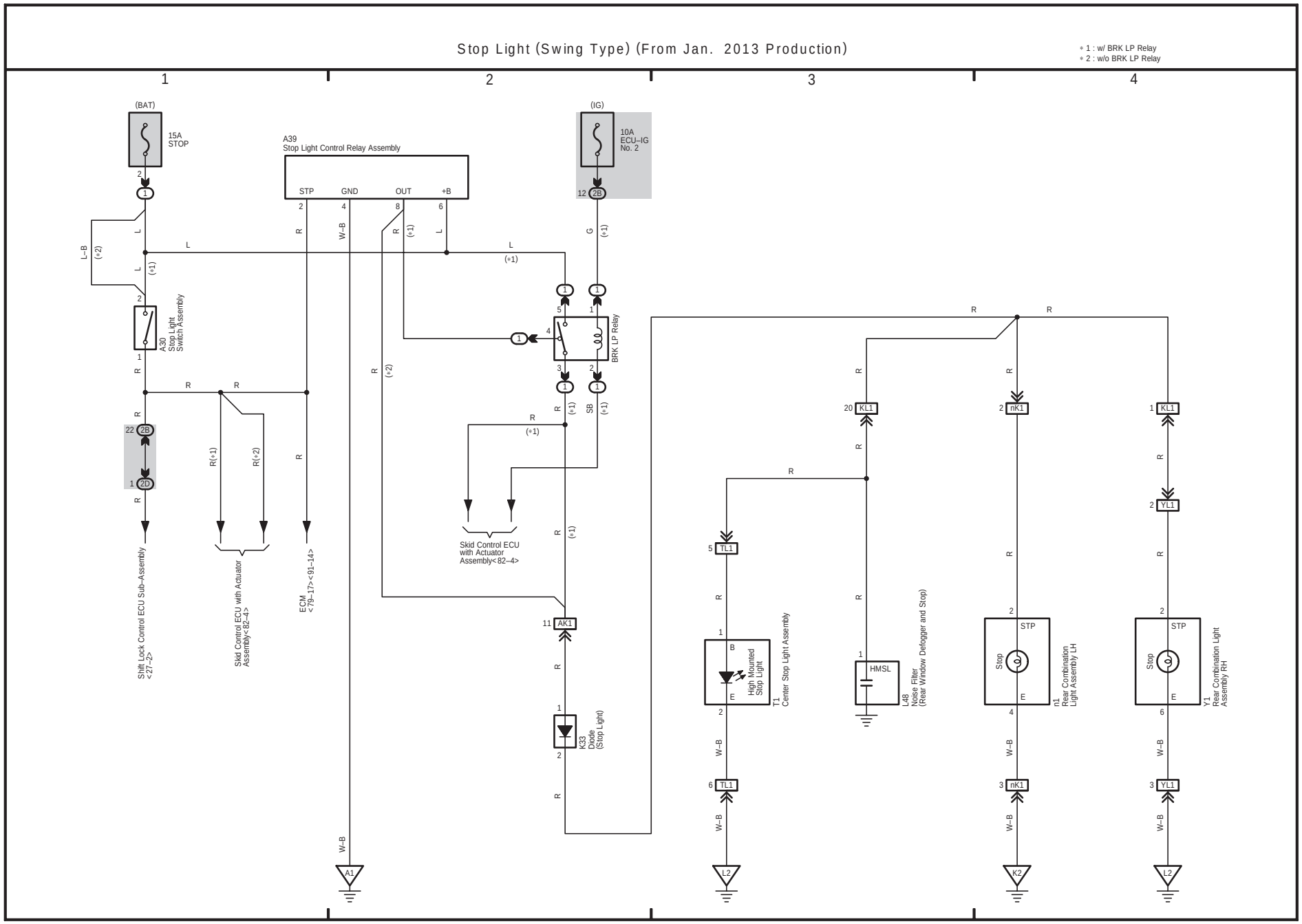
87 LAND CRUISER Station Wagon (Cont' d)

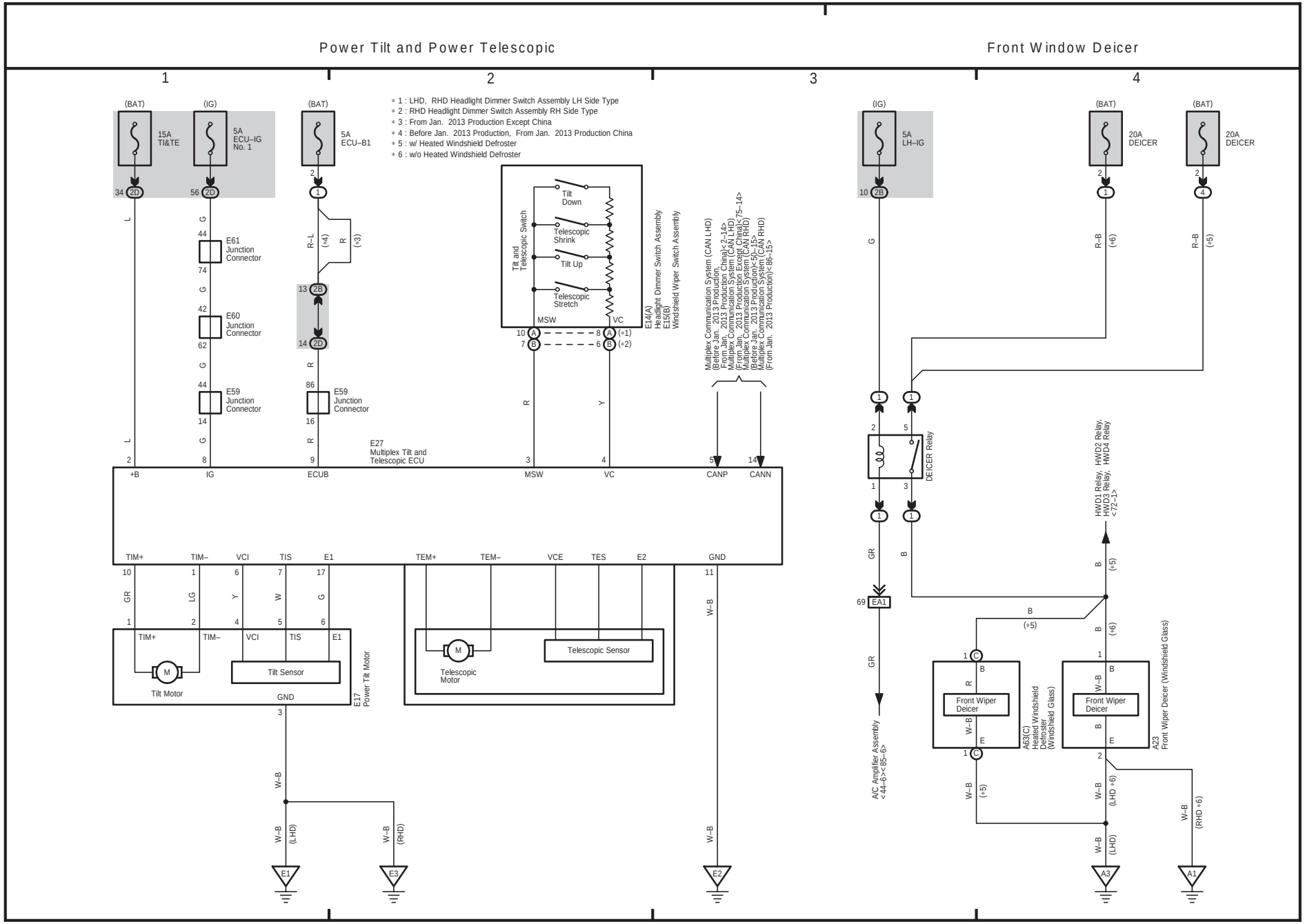
Dynamic Radar Cruise Control (3UR–FE) (From Jan. 2013 Production)
or Cruise Control (3UR–FE) (From Jan. 2013 Production)




Starting (w/o Entry & Start System) (From Jan. 2013 Production)
∗ 1 : Gasoline
∗ 2 : Diesel
∗ 3 : LHD M/T
∗ 4 : RHD M/T
1
2
3
4
(BAT)
30A ST
5A AM1
47 2D
G–B
R
ACC
IG1
ST1 3
4 AM1
E93 Ignition or Starter Switch Assembly
L
18 EA3 (LHD)
18 EA1 (RHD)
ECM <79–17>
(∗2)
12 A
14 A
A37(A), C44(B) Junction Connector
20 B (∗1)
22 B (∗2)
19 B
21 B (∗1)
20 B (∗2)
(∗1)
(M/T)
(A/T)
ECM <91–16>
Four Wheel Drive Control ECU <63–3>
ST Relay
ECM <79–19><91–15>
B–W
W–B
B
8 CA2
1 AD1
1 DC2
1 A (∗1)
1 D (∗2)
1 1 E F
(∗2) (∗1)
D2(A), D12(D), D13(E), D14(F) Starter Assembly
M
Battery
Battery
4 CA1
34 CA3
18 CA3
3 eA1
4 eA1
(∗4)
(∗3)
e1 Clutch Start Switch Assembly
A49 Clutch Start Switch Assembly
C24 Park/Neutral Position Switch
B L
P
N
A34 Junction Connector
W–B (RHD)
W–B (LHD)
A1
A3

M

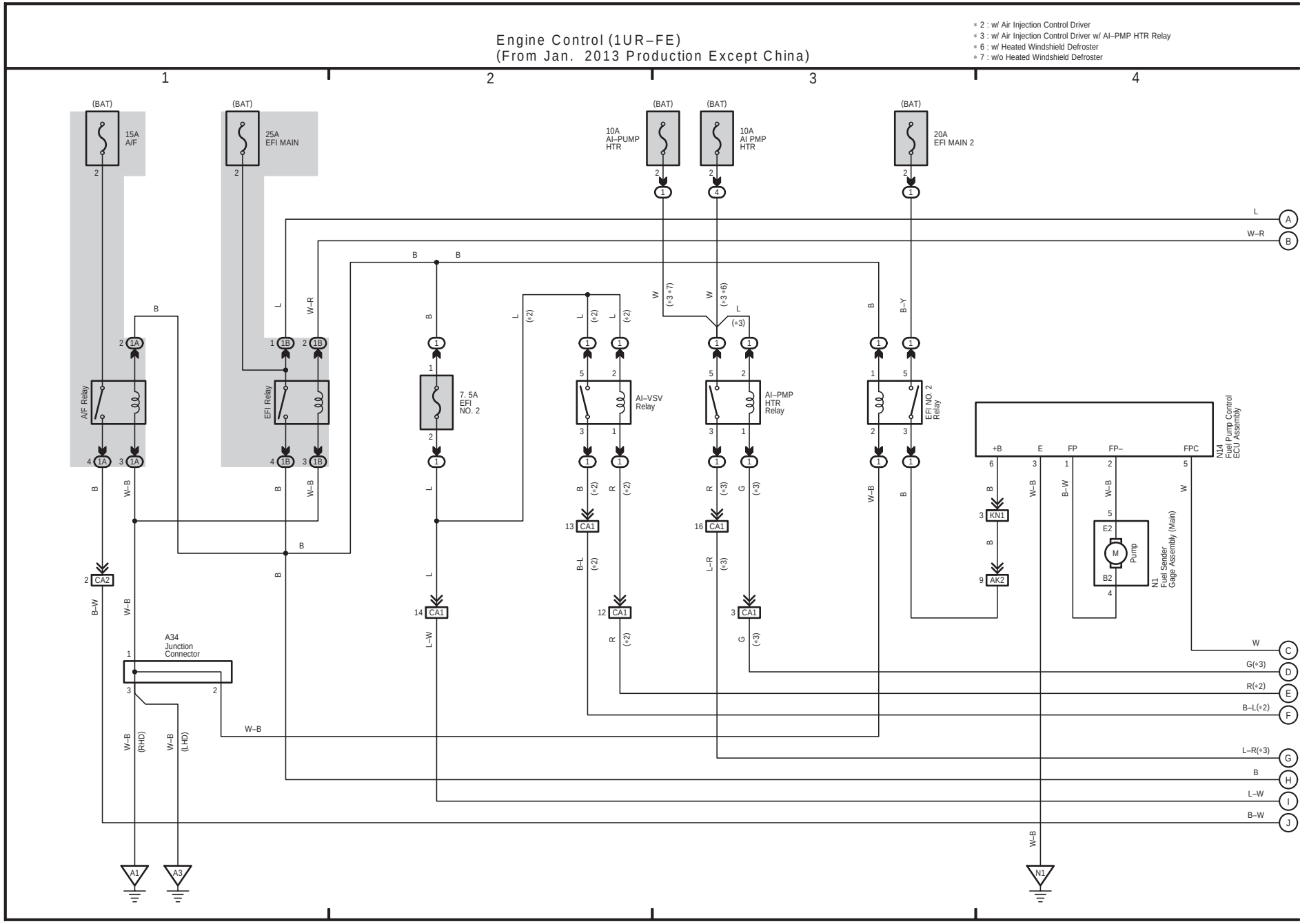

Stop Light (Swing Type) (From Jan. 2013 Production)
* 1 : w/ BRK LP Relay
* 2 : w/o BRK LP Relay
1
2
3
4
(BAT)
15A
STOP
(IG)
10A
ECU–IG
No. 2
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
A30
Stop Light
Switch Assembly
BRK LP Relay
Shift Lock Control ECU Sub–Assembly
<27–2>
Skid Control ECU with Actuator
Assembly<82–4>
ECM
<79–17><91–14>
Skid Control ECU
with Actuator
Assembly< 82–4>
K33
Diode
(Stop Light)
High Mounted
Stop Light
T1
Center Stop Light Assembly
HMSL
L48
Noise Filter
(Rear Window Defogger and Stop)
n1
Rear Combination
Light Assembly LH
Y1
Rear Combination Light
Assembly RH
Stop
STP
W–B
L–B
R(*1)
R(*2)


Power Tilt and Power Telescopic
Front Window Deicer
1
2
3
4
* 1 : LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 : RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 : From Jan. 2013 Production Except China
* 4 : Before Jan. 2013 Production, From Jan. 2013 Production China
* 5 : w/ Heated Windshield Defroster
* 6 : w/o Heated Windshield Defroster
(BAT)
(IG)
15A TI&TE
5A ECU–IG No. 1
5A ECU–B1
5A LH–IG
20A DEICER
E61 Junction Connector
E60 Junction Connector
E59 Junction Connector
E27 Multiplex Tilt and Telescopic ECU
+B
IG
ECUB
MSW
VC
CANP
CANN
Tilt Down
Telescopic Shrink
Tilt Up
Telescopic Stretch
Tilt and Telescopic Switch
E14(A) Headlight Dimmer Switch Assembly
E15(B) Windshield Wiper Switch Assembly
Multiplex Communication System (CAN LHD) (Before Jan. 2013 Production, From Jan. 2013 Production China)<2–14>
Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)<75–14>
Multiplex Communication System (CAN RHD) (Before Jan. 2013 Production)<50–15>
Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)<86–15>
DEICER Relay
HWD1 Relay, HWD3 Relay, <72–1>
HWD2 Relay, HWD4 Relay
TIM+
TIM–
VCI
TIS
E1
TEM+
TEM–
VCE
TES
E2
GND
Tilt Motor
Tilt Sensor
Telescopic Motor
Telescopic Sensor
E17 Power Tilt Motor
A/C Amplifier Assembly <44–63><85–6>
A63(C) Heated Windshield Defroster (Windshield Glass)
A23 Front Wiper Deicer (Windshield Glass)
Front Wiper Deicer
W–B (LHD)
W–B (RHD)
E1
E3
E2
A3
A1

(Cont. next page)

Engine Control (1UR–FE)
(From Jan. 2013 Production Except China)

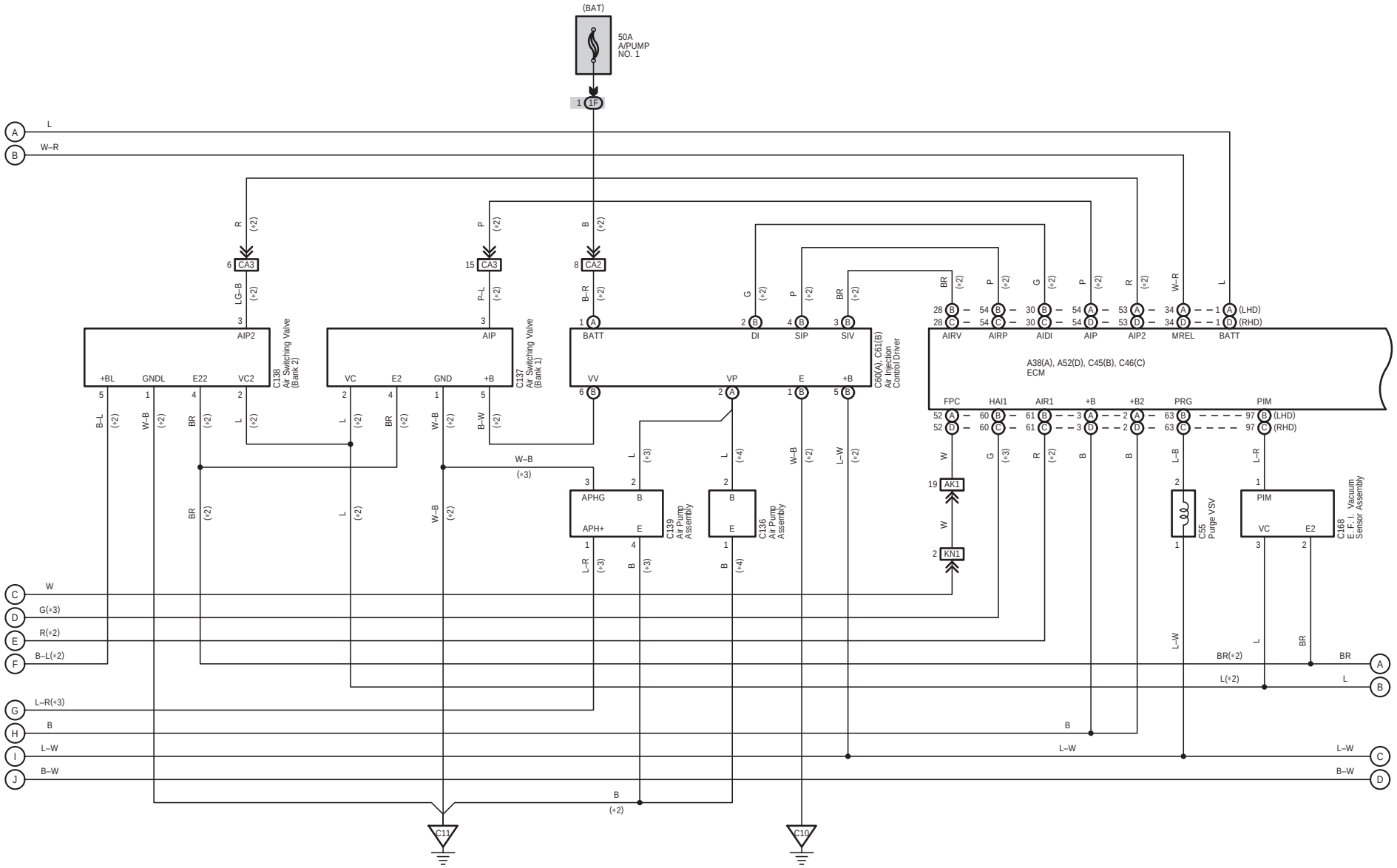
∗ 2 : w/ Air Injection Control Driver
∗ 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay
∗ 6 : w/ Heated Windshield Defroster
∗ 7 : w/o Heated Windshield Defroster



(Cont. next page)

Engine Control (1UR–FE)
(From Jan. 2013 Production Except China)

∗ 2 : w/ Air Injection Control Driver
∗ 3 : w/ Air Injection Control Driver w/ AI–PMP HTR Relay
∗ 4 : w/ Air Injection Control Driver w/o AI–PMP HTR Relay

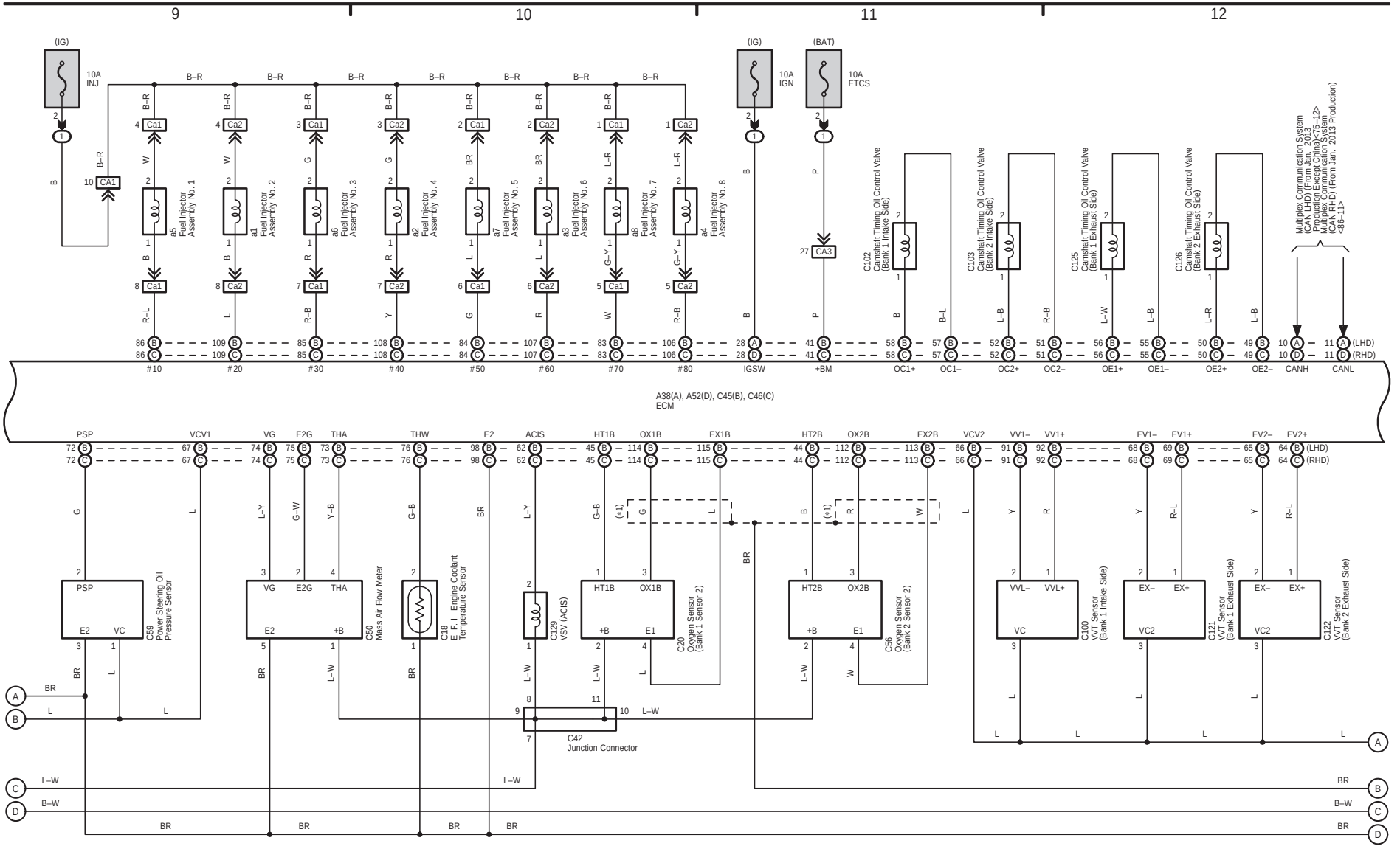


M

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Engine Control (1UR–FE)
(From Jan. 2013 Production Except China)

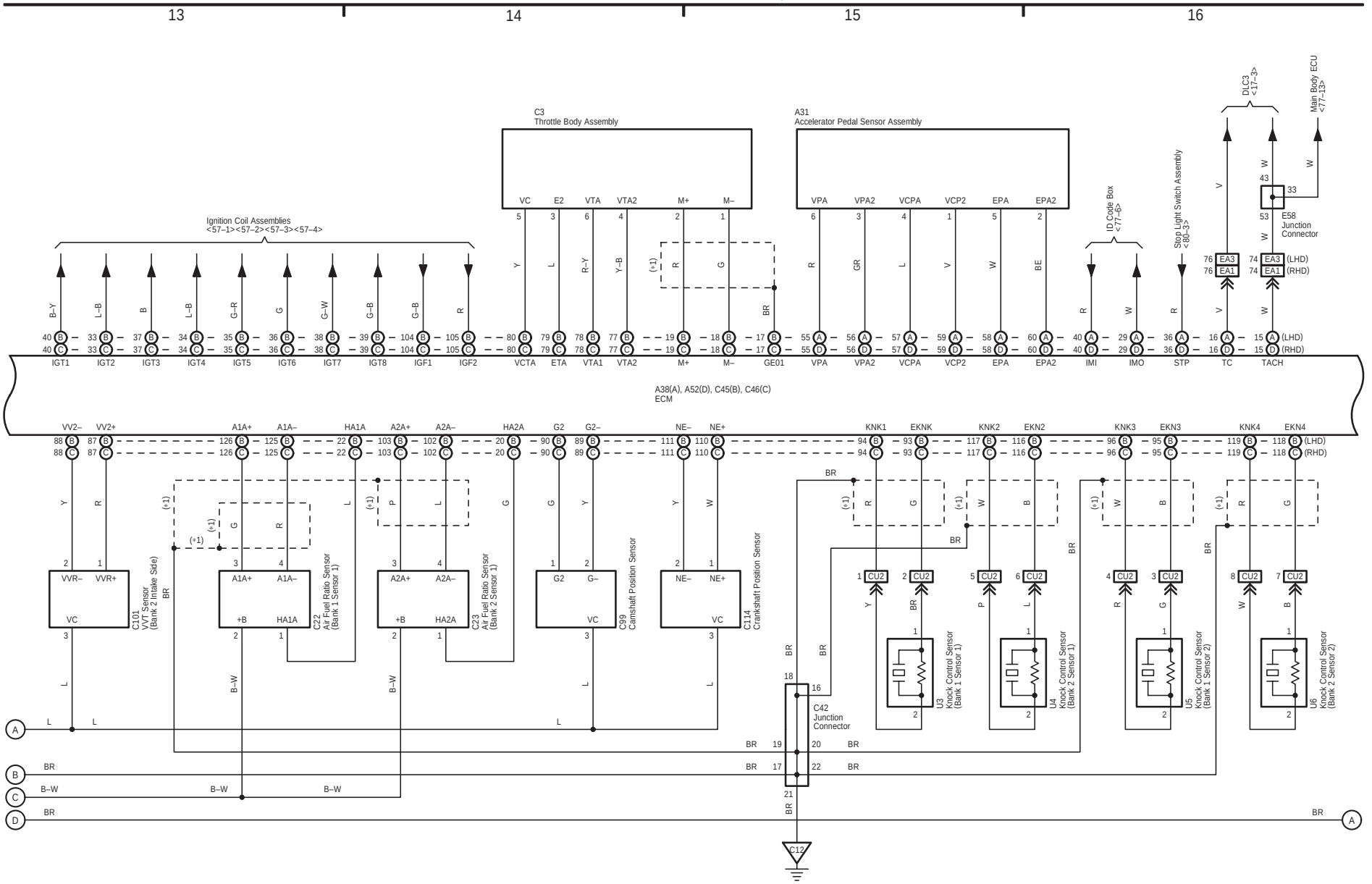
* 1 : Shielded



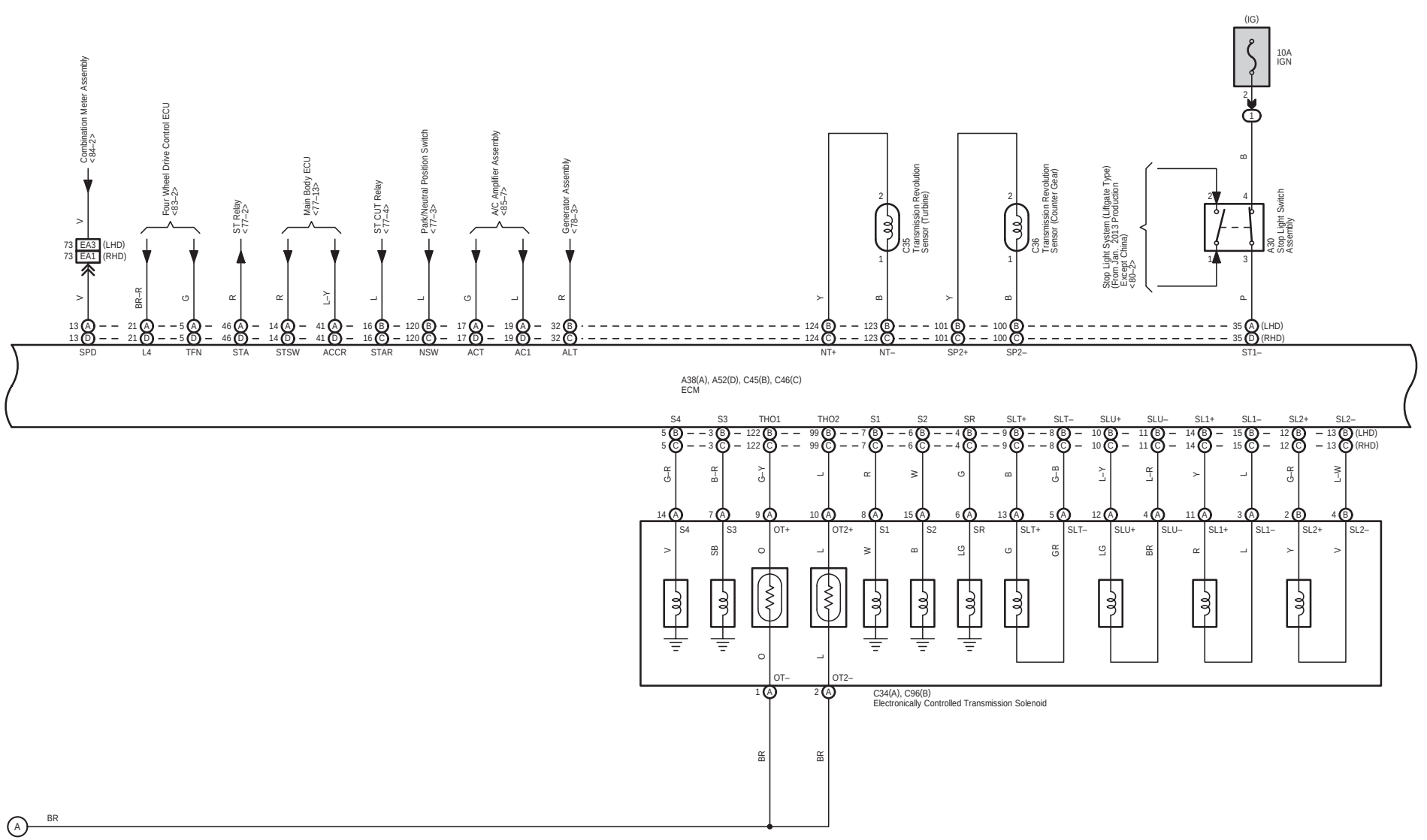
(Cont. next page)

Engine Control (1UR–FE)
(From Jan. 2013 Production Except China)

* 1 : Shielded



(Cont. next page)

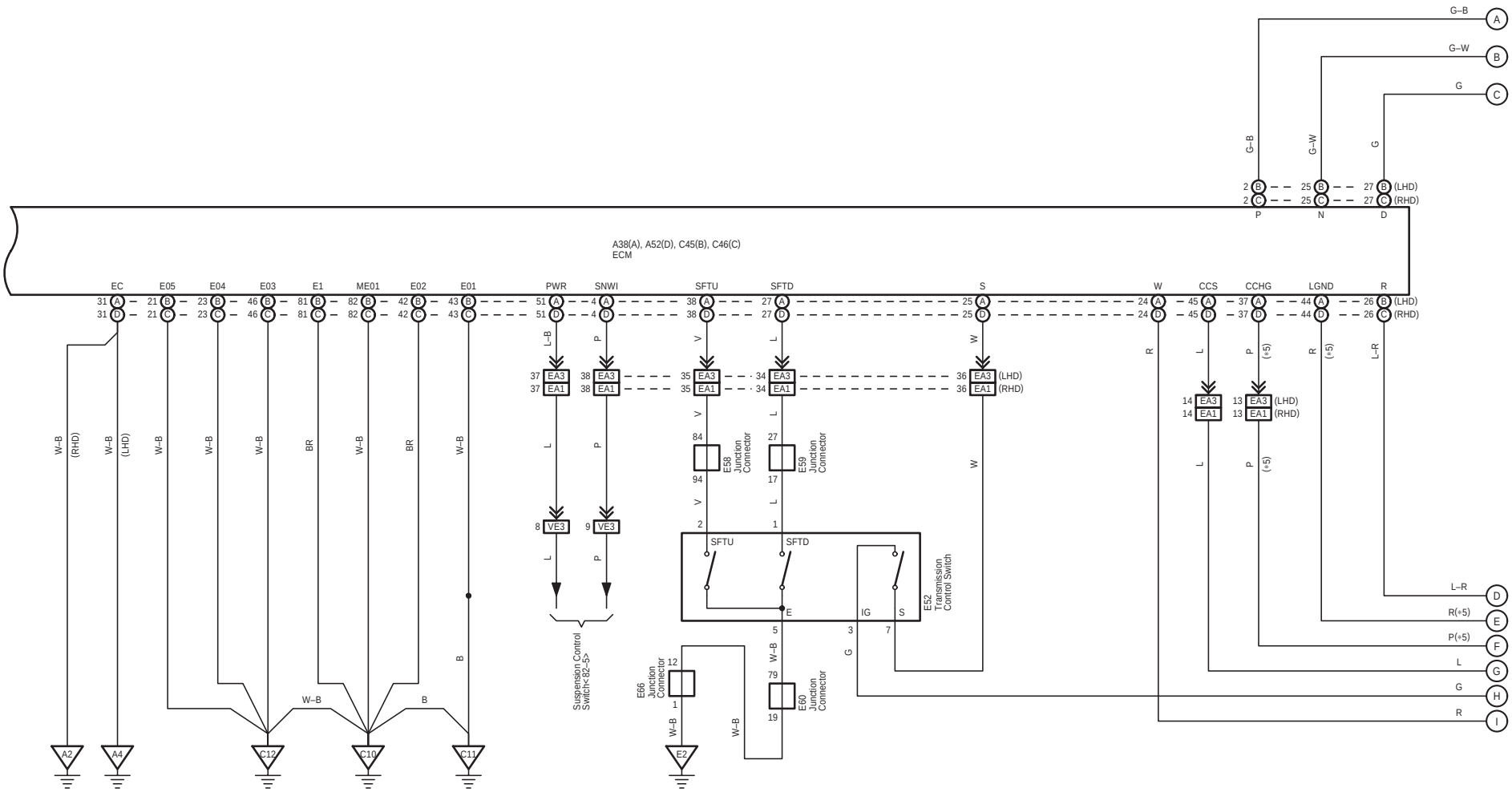


(Cont. next page)

ECT and A/T Indicator (1UR–FE)
(From Jan. 2013 Production Except China)

21 22 23 24

∗ 5 : w/ Dynamic Radar Cruise Control

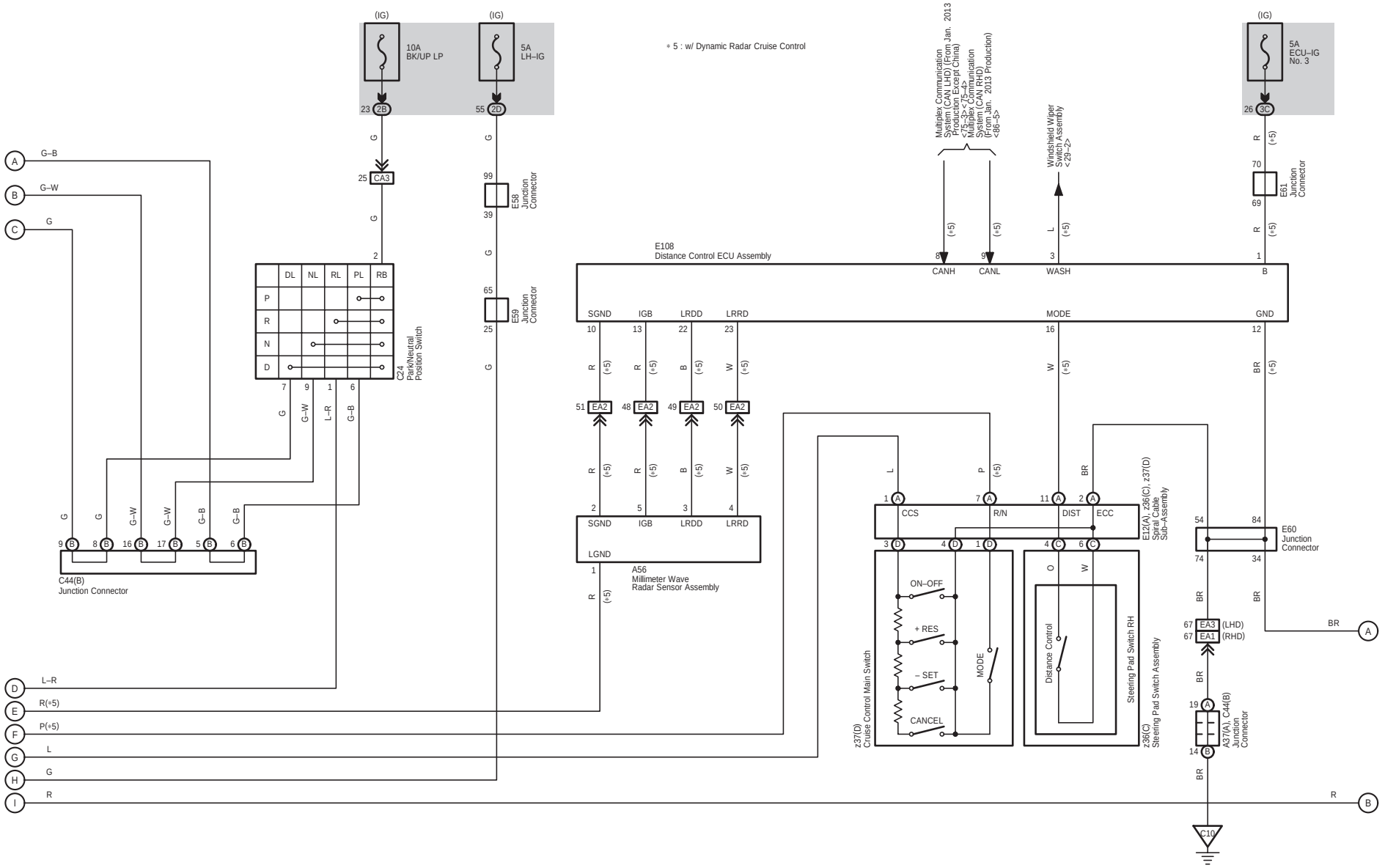


(Cont. next page)

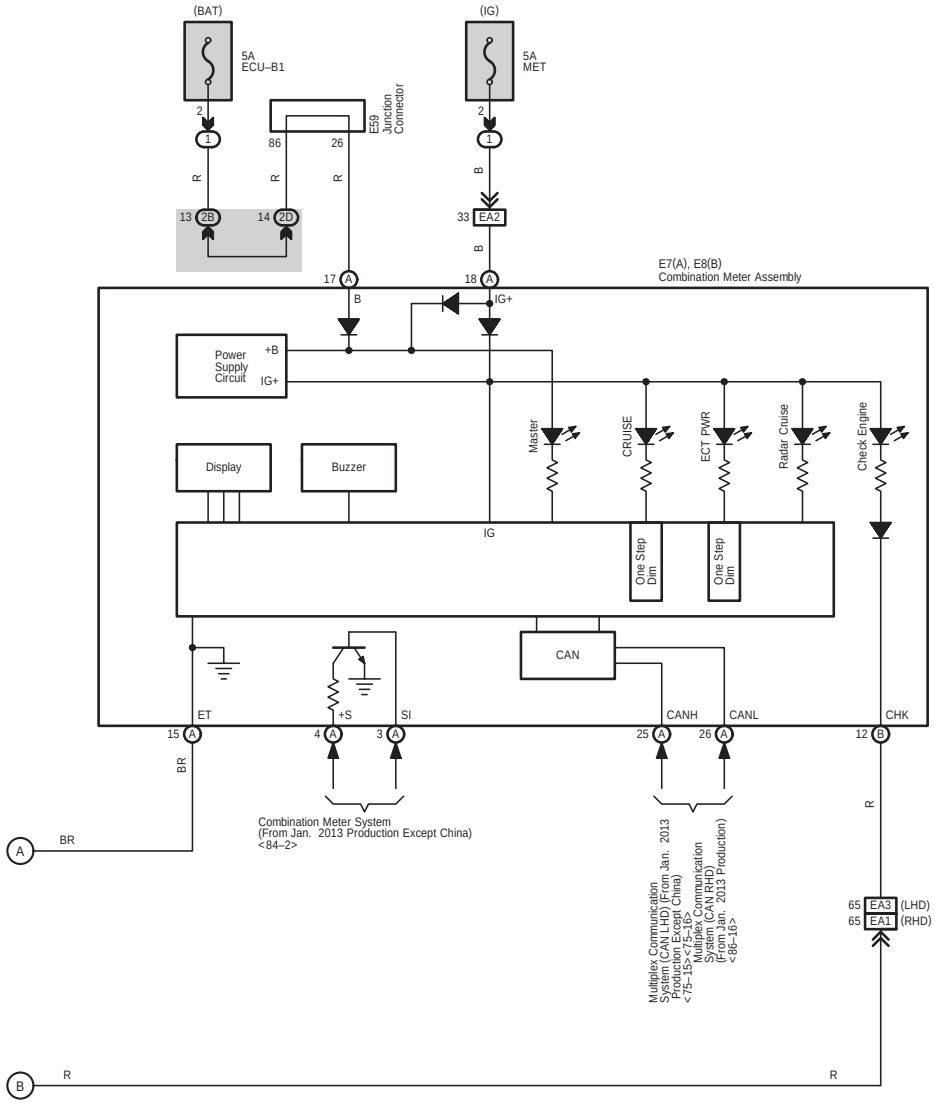
ECT and A/T Indicator (1UR–FE)
(From Jan. 2013 Production Except China)

Dynamic Radar Cruise Control (1UR–FE)
(From Jan. 2013 Production Except China) or Cruise Control
(1UR–FE) (From Jan. 2013 Production Except China)

25 26 27 28



Dynamic Radar Cruise Control (1UR–FE) (From Jan. 2013 Production Except China)
or Cruise Control (1UR–FE) (From Jan. 2013 Production Except China)



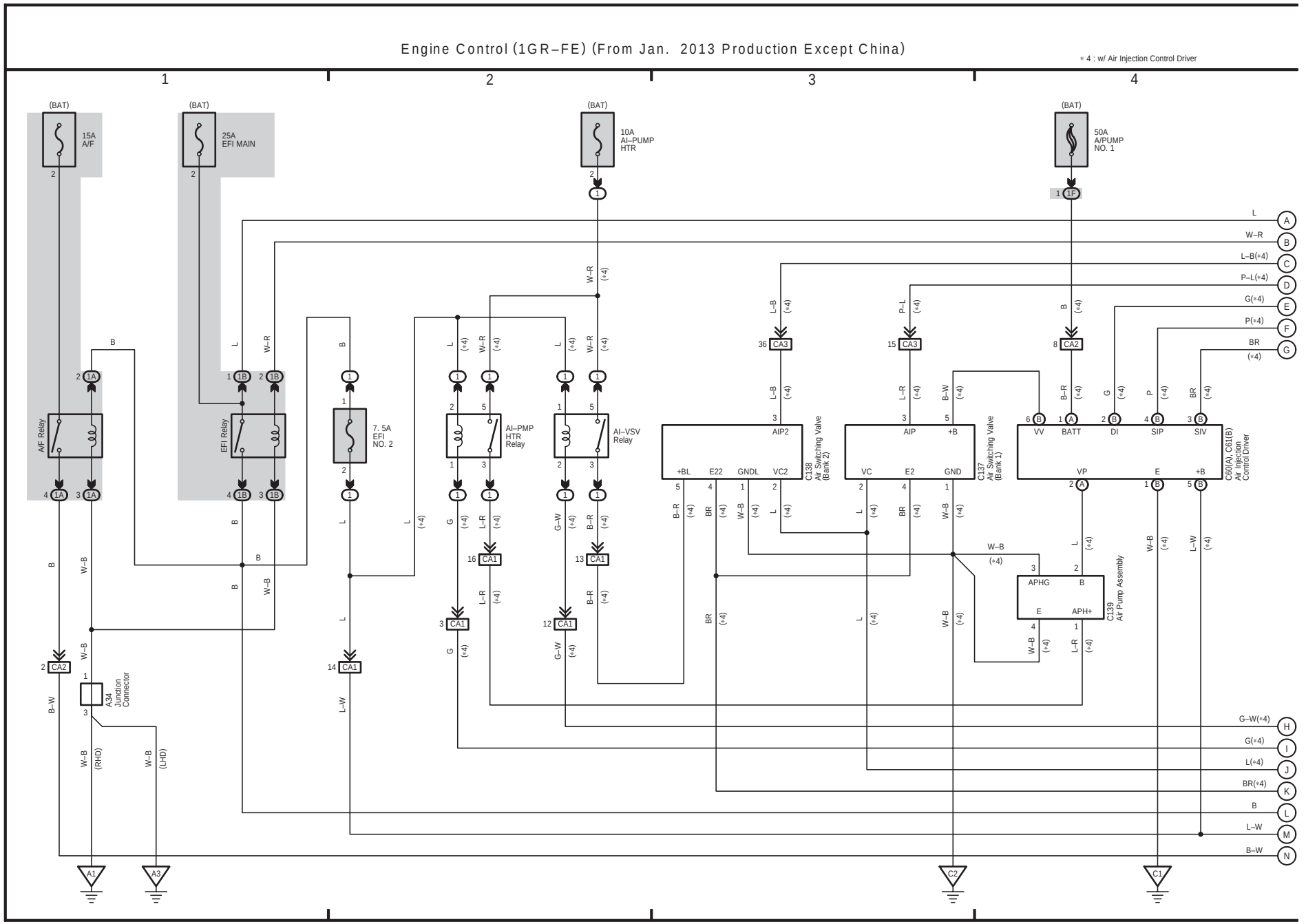
LAND CRUISER Station Wagon (EM2660E)

M

(Cont. next page)

Engine Control (1GR–FE) (From Jan. 2013 Production Except China)

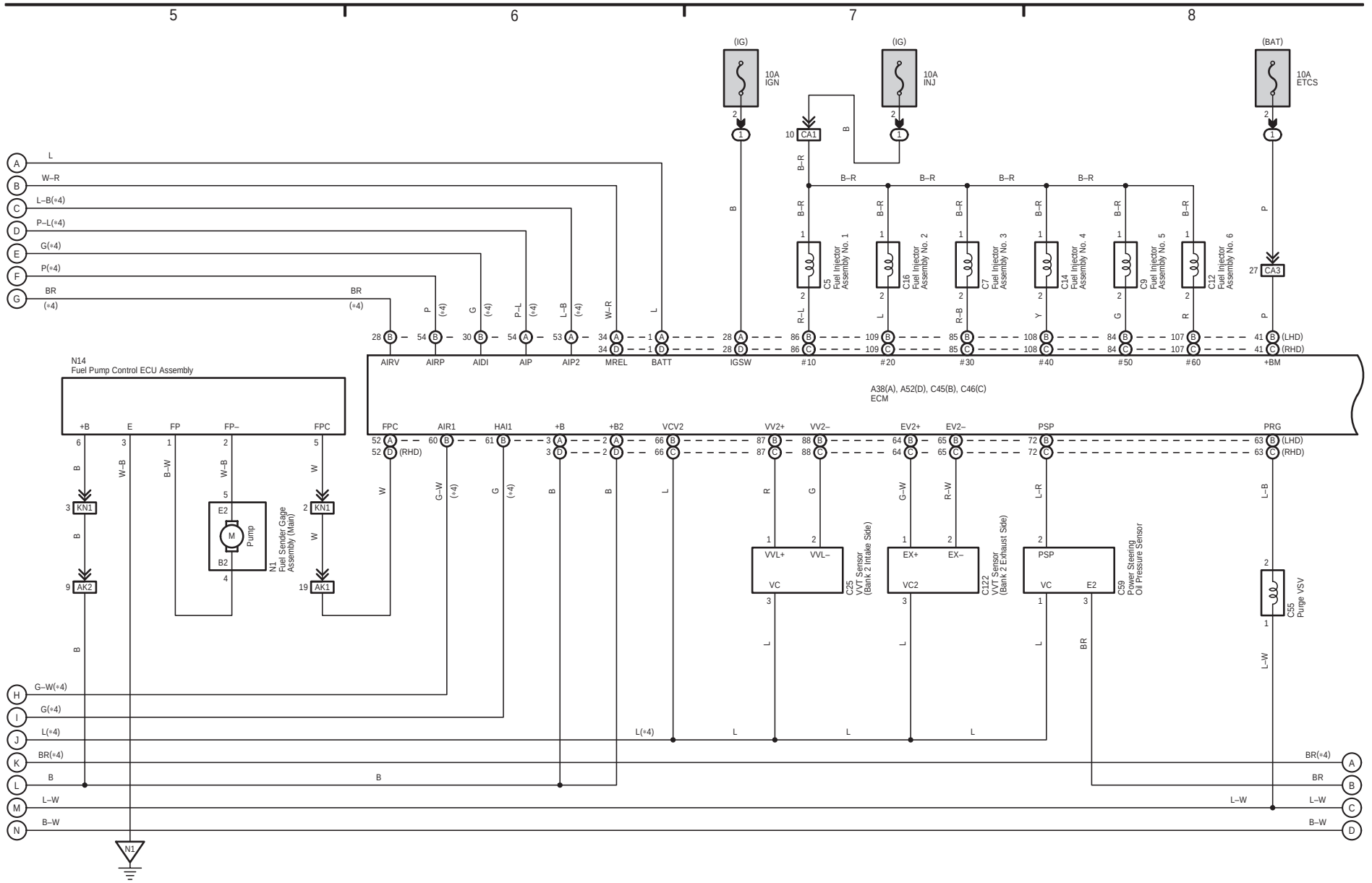
* 4 : w/ Air Injection Control Driver



(Cont. next page)

Engine Control (1GR–FE) (From Jan. 2013 Production Except China)

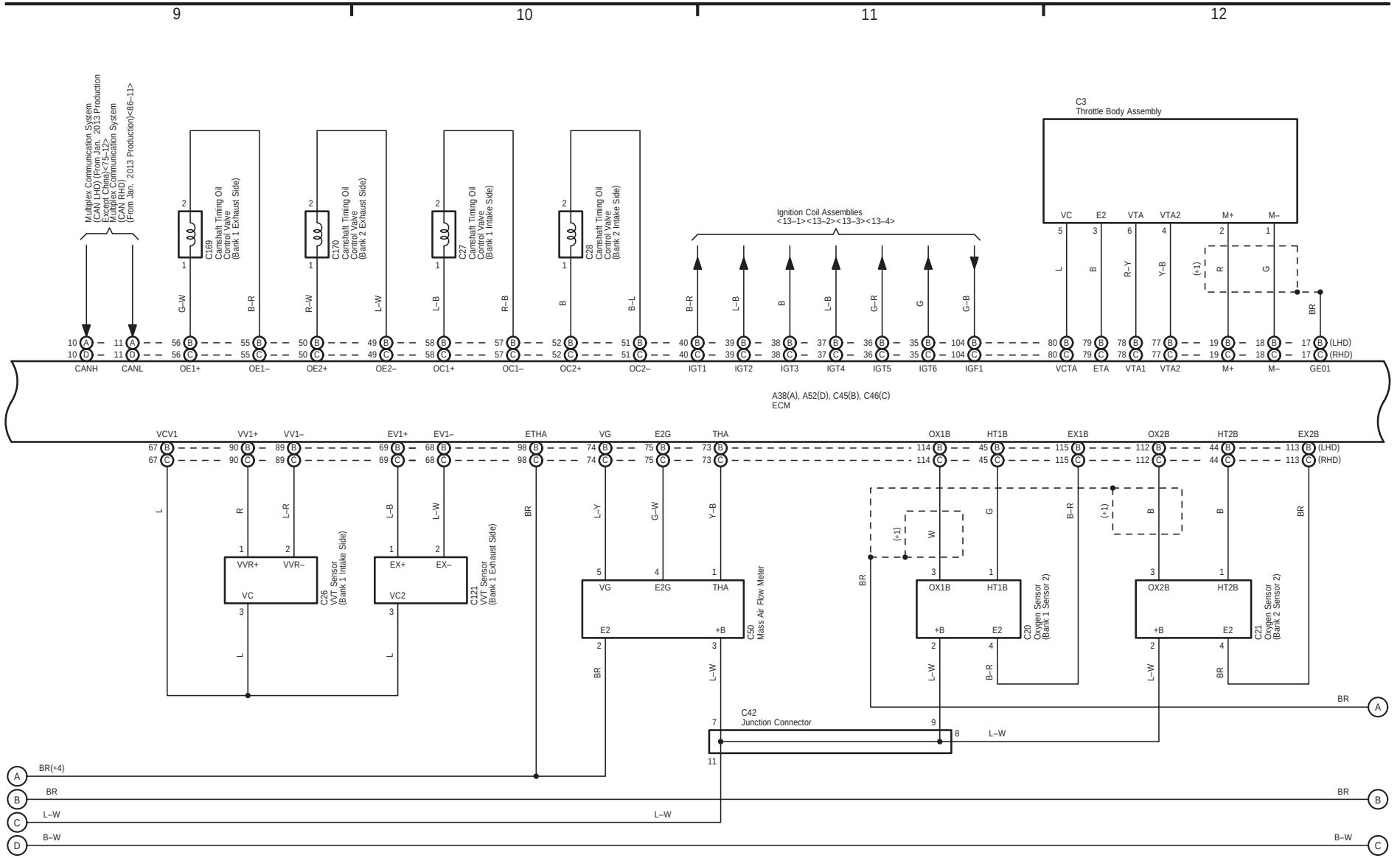
∗ 4 : w/ Air Injection Control Driver



(Cont. next page)

Engine Control (1GR–FE) (From Jan. 2013 Production Except China)

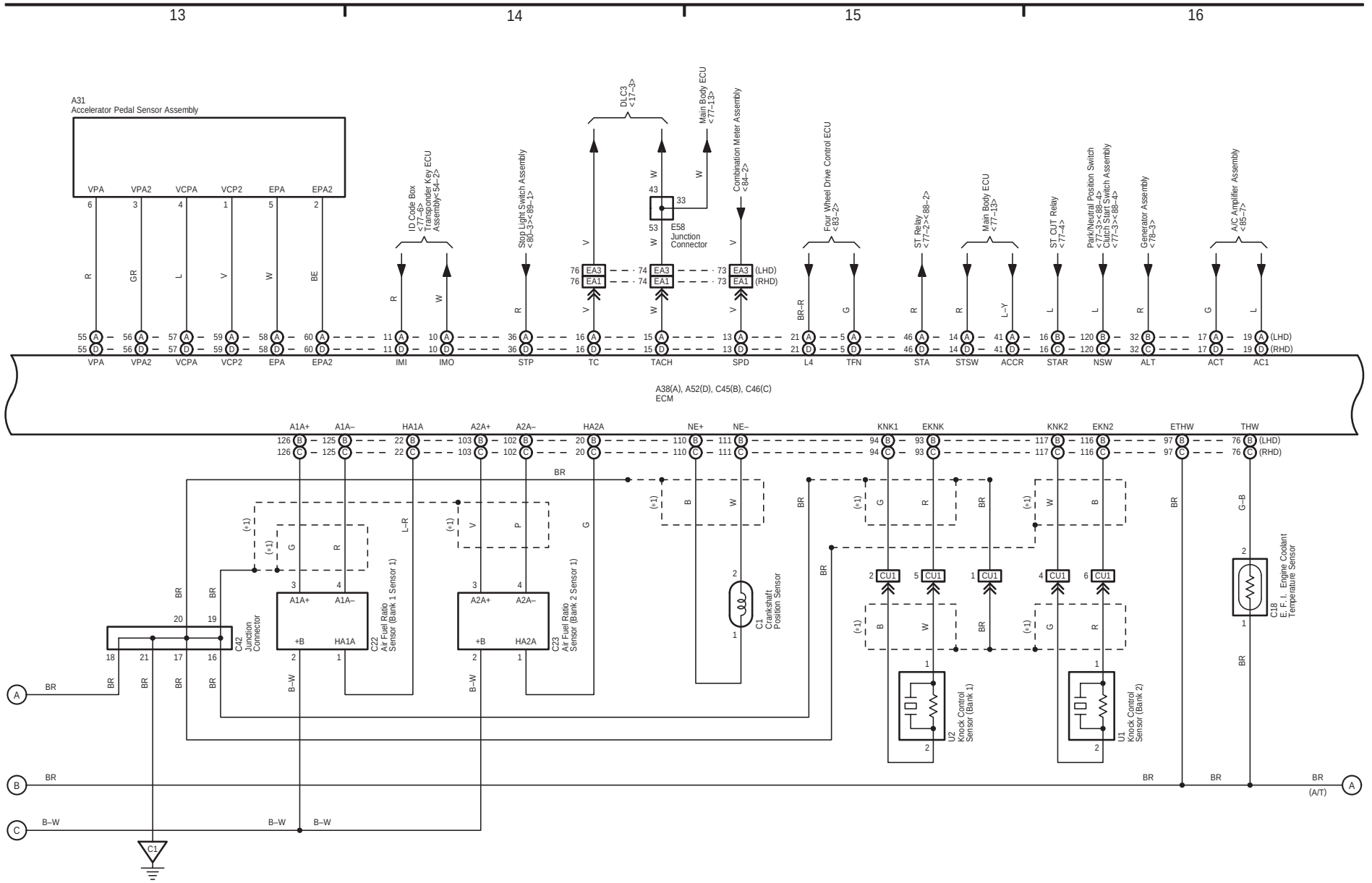
* 1 : Shielded
* 4 : w/ Air Injection Control Driver



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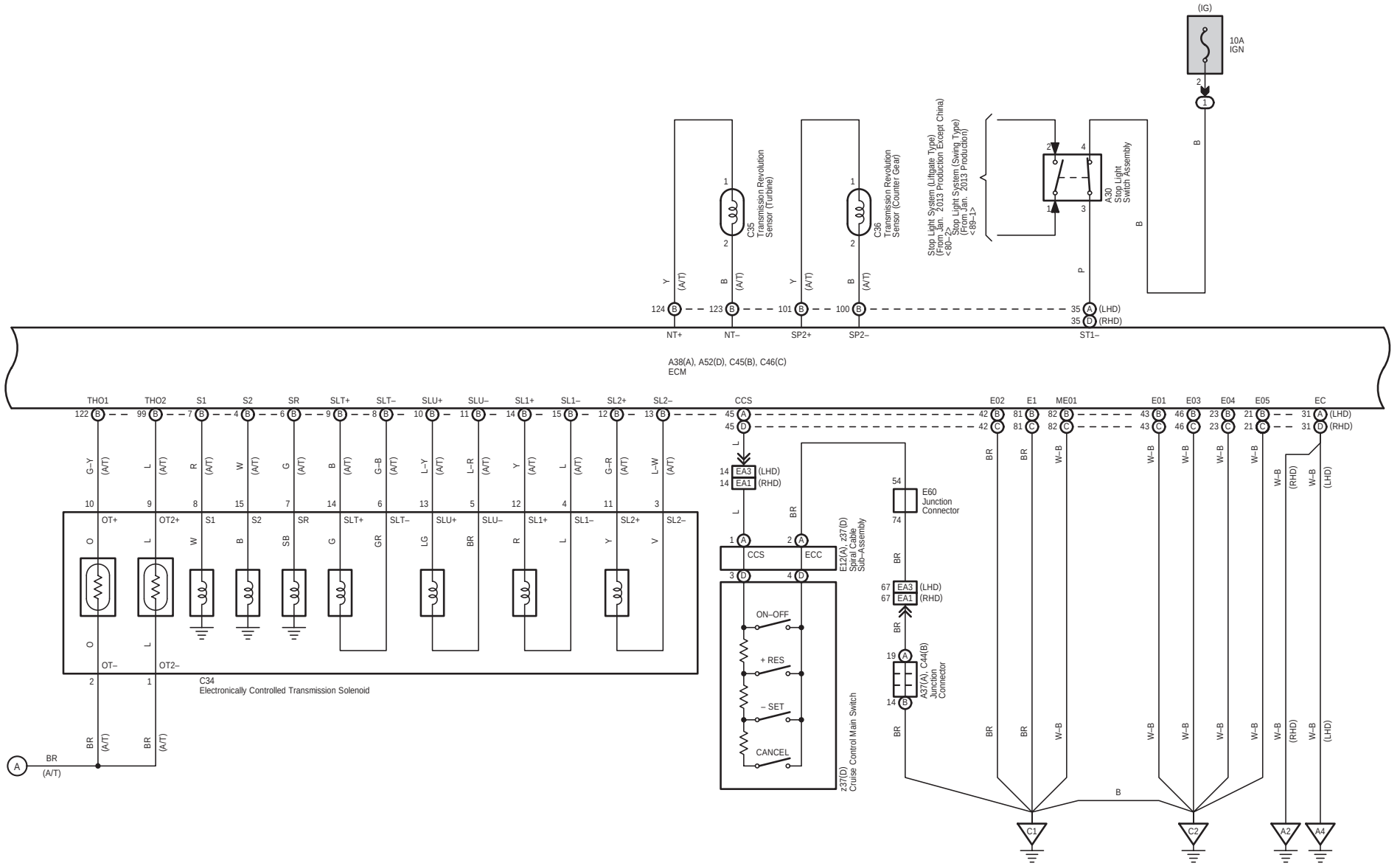
Engine Control (1GR–FE) (From Jan. 2013 Production Except China)

* 1 : Shielded



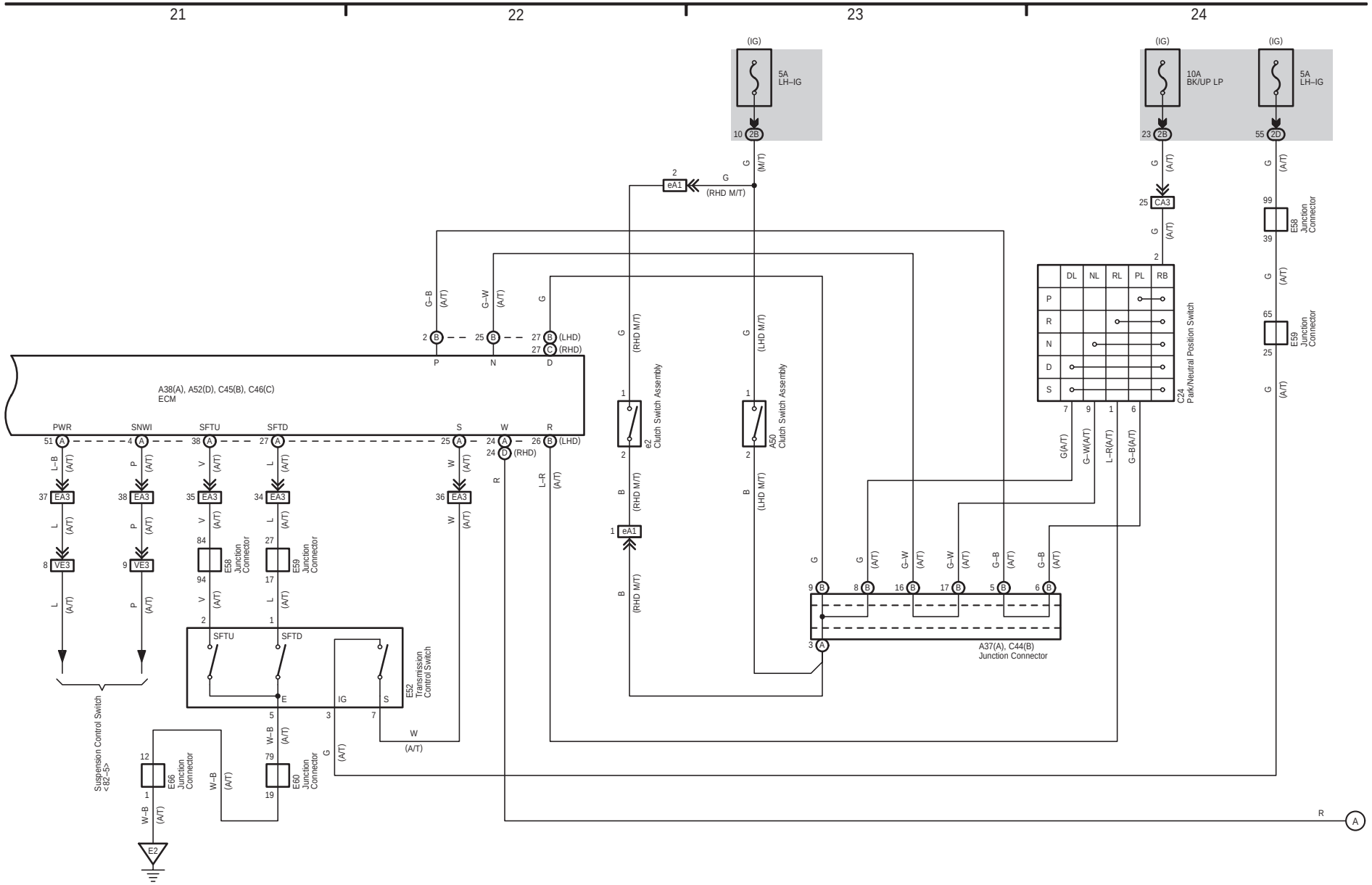
(Cont. next page)

Cruise Control (1GR–FE) (From Jan. 2013 Production Except China)



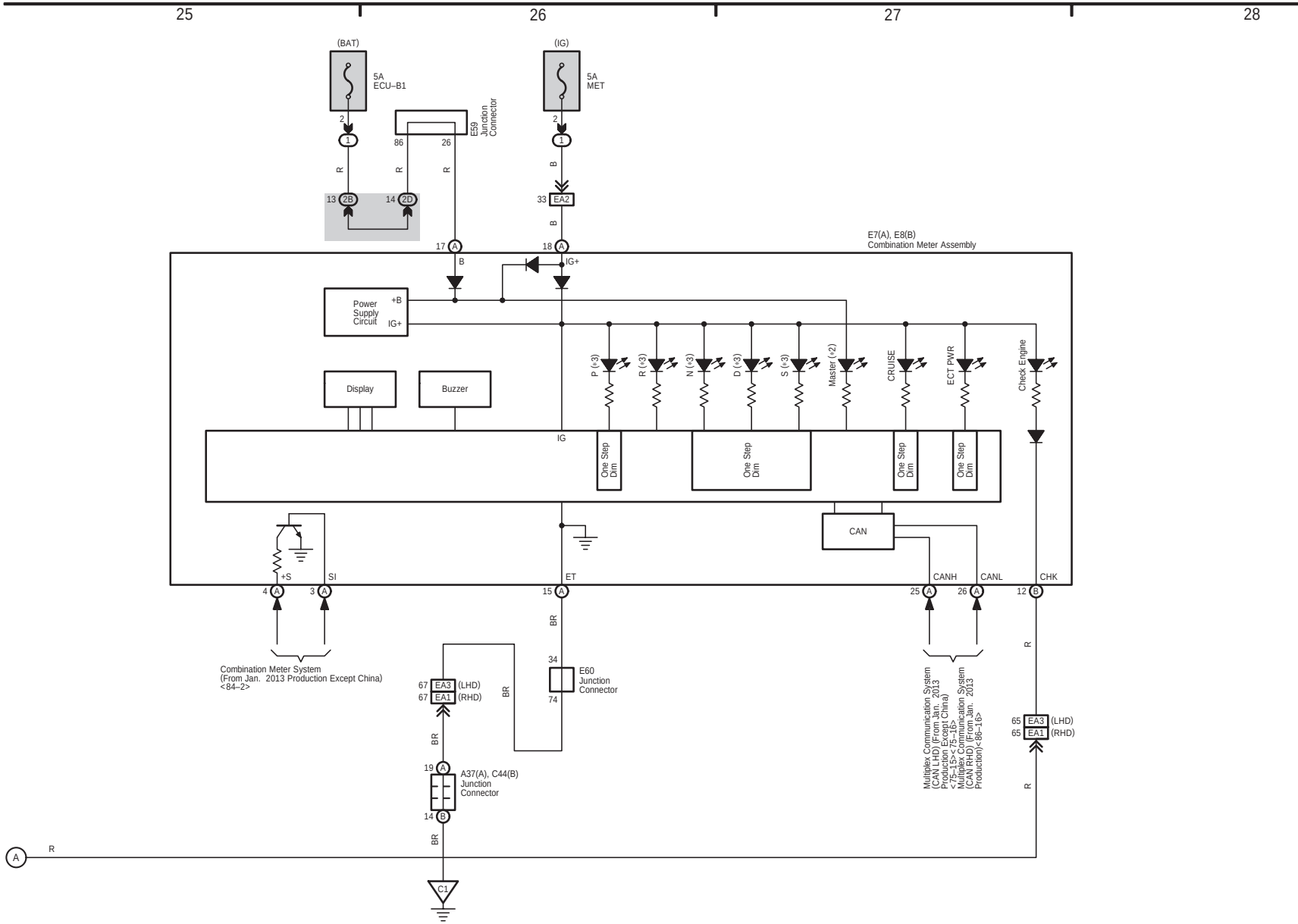
(Cont. next page)

ECT and A/T Indicator (1GR–FE) (From Jan. 2013 Production Except China)



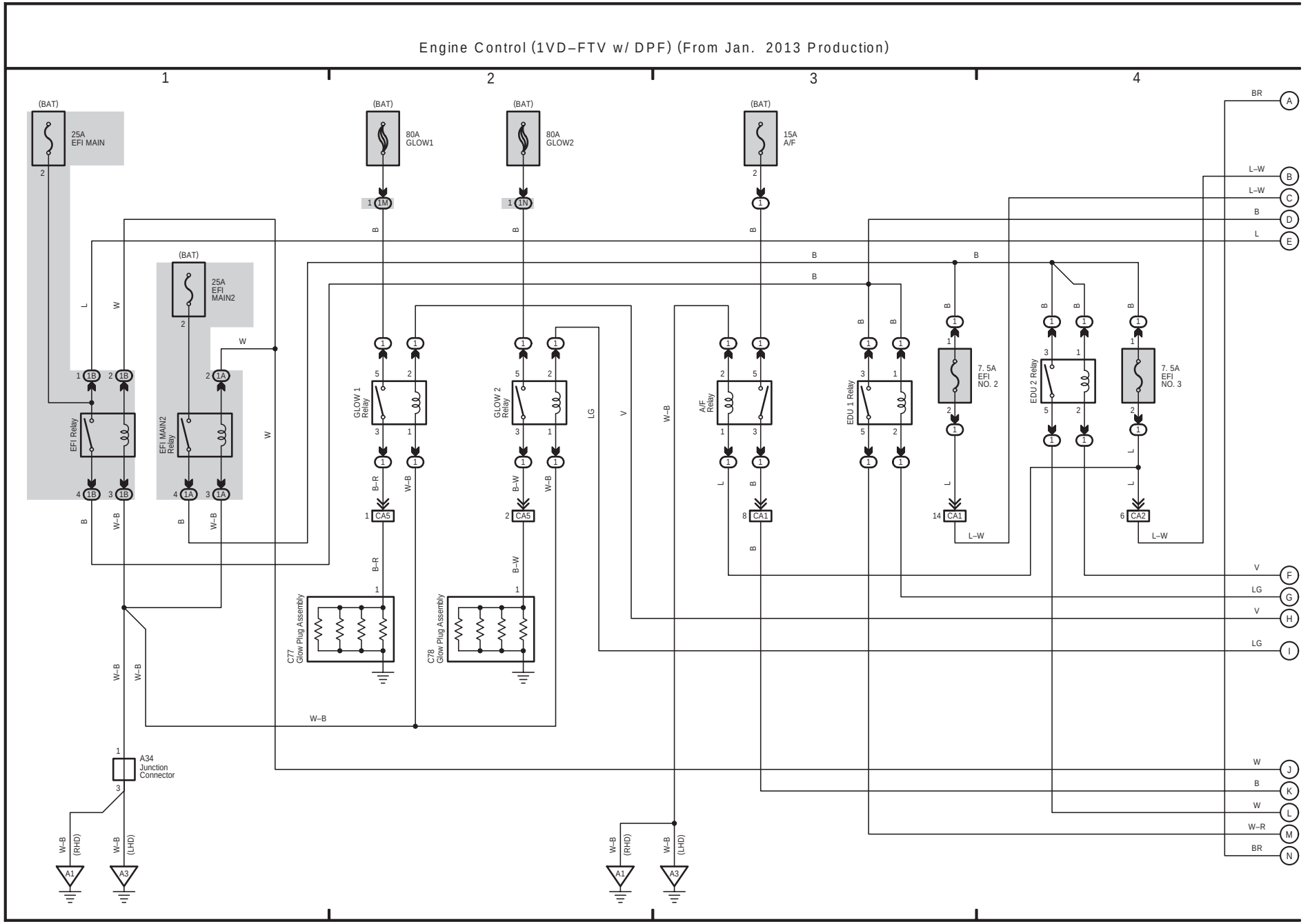
ECT and A/T Indicator (1GR–FE) (From Jan. 2013 Production Except China)

* 2 : Optitron Meter
* 3 : Except Optitron Meter



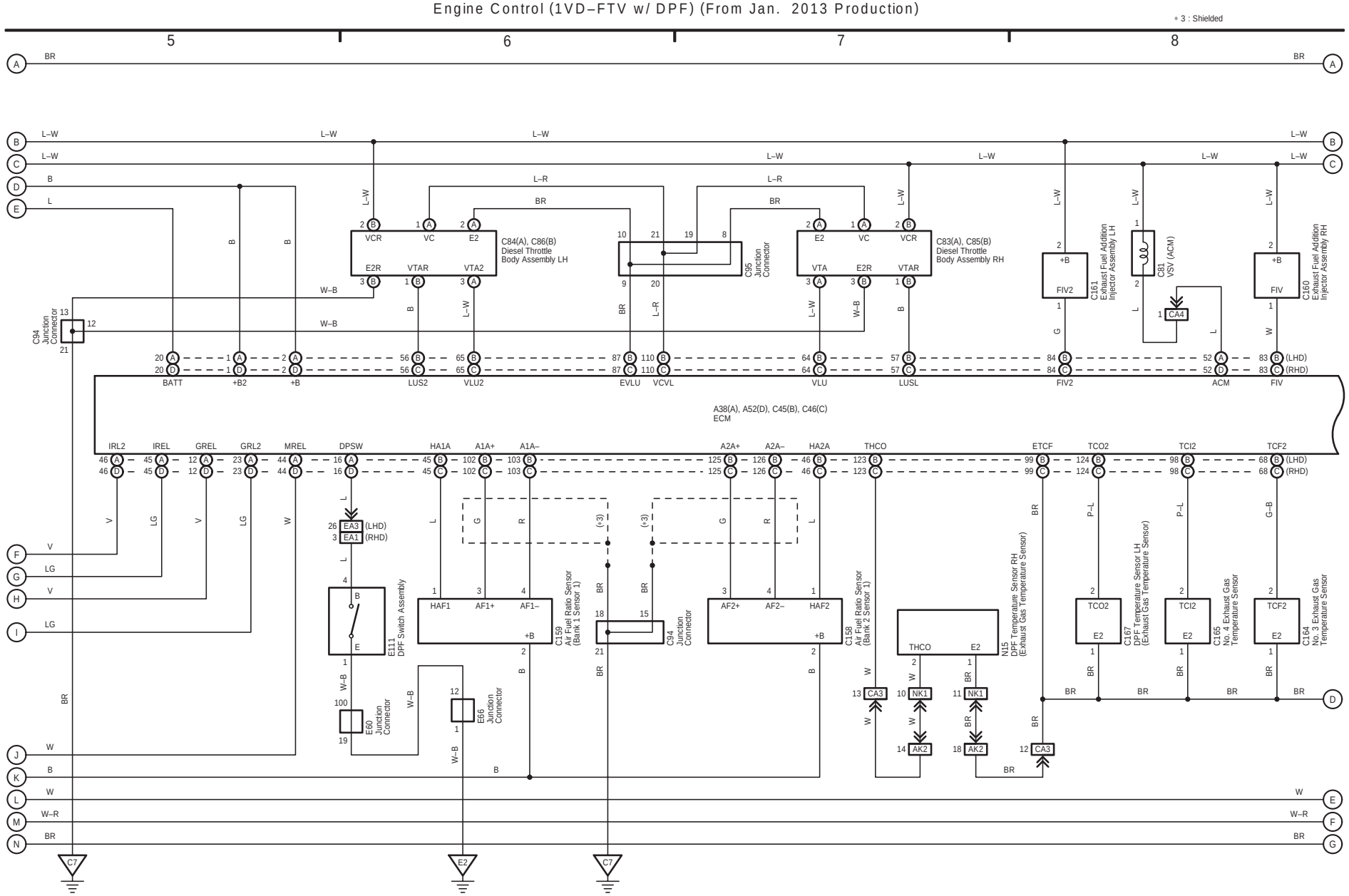
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (From Jan. 2013 Production)



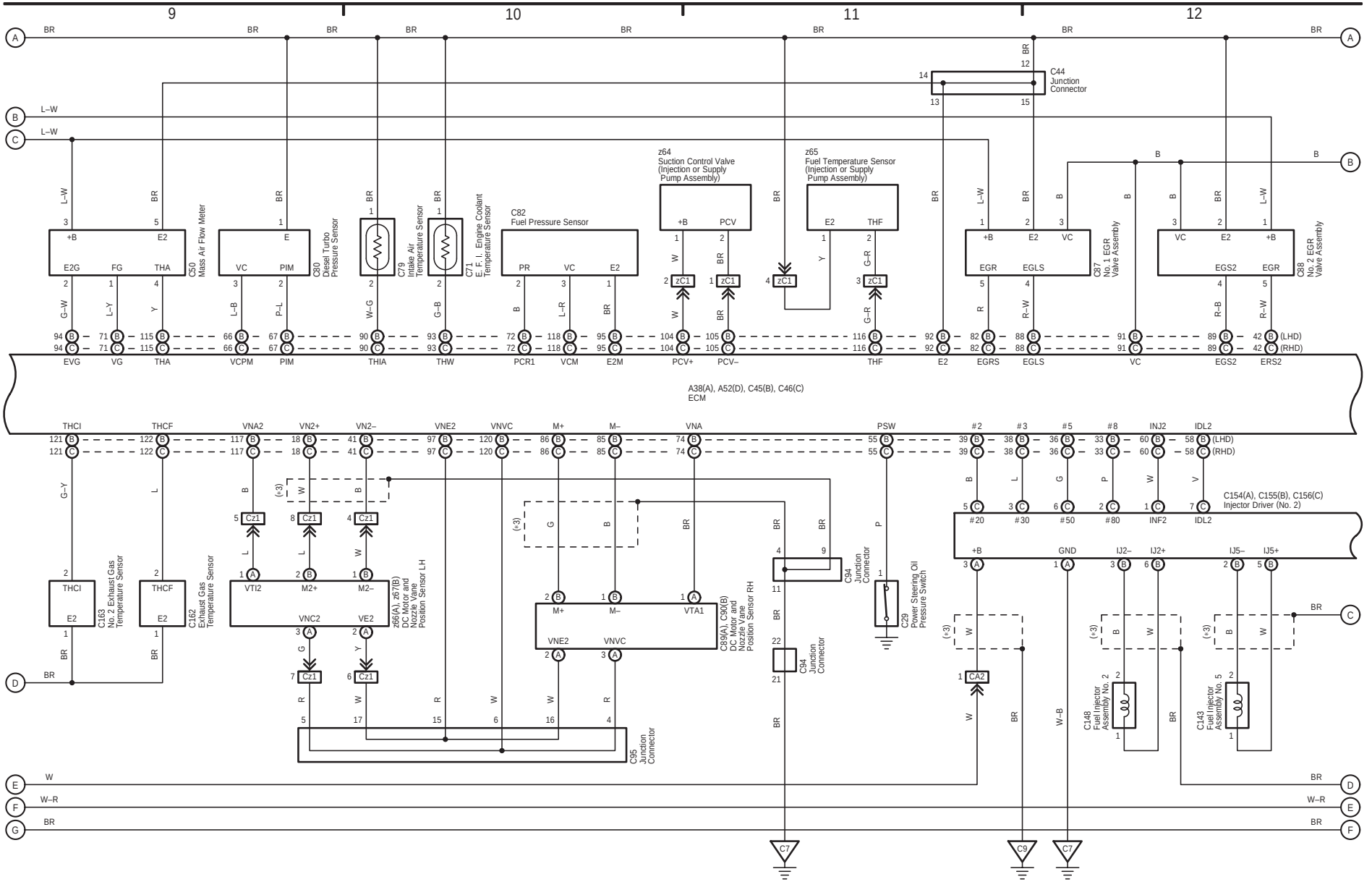
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (From Jan. 2013 Production)



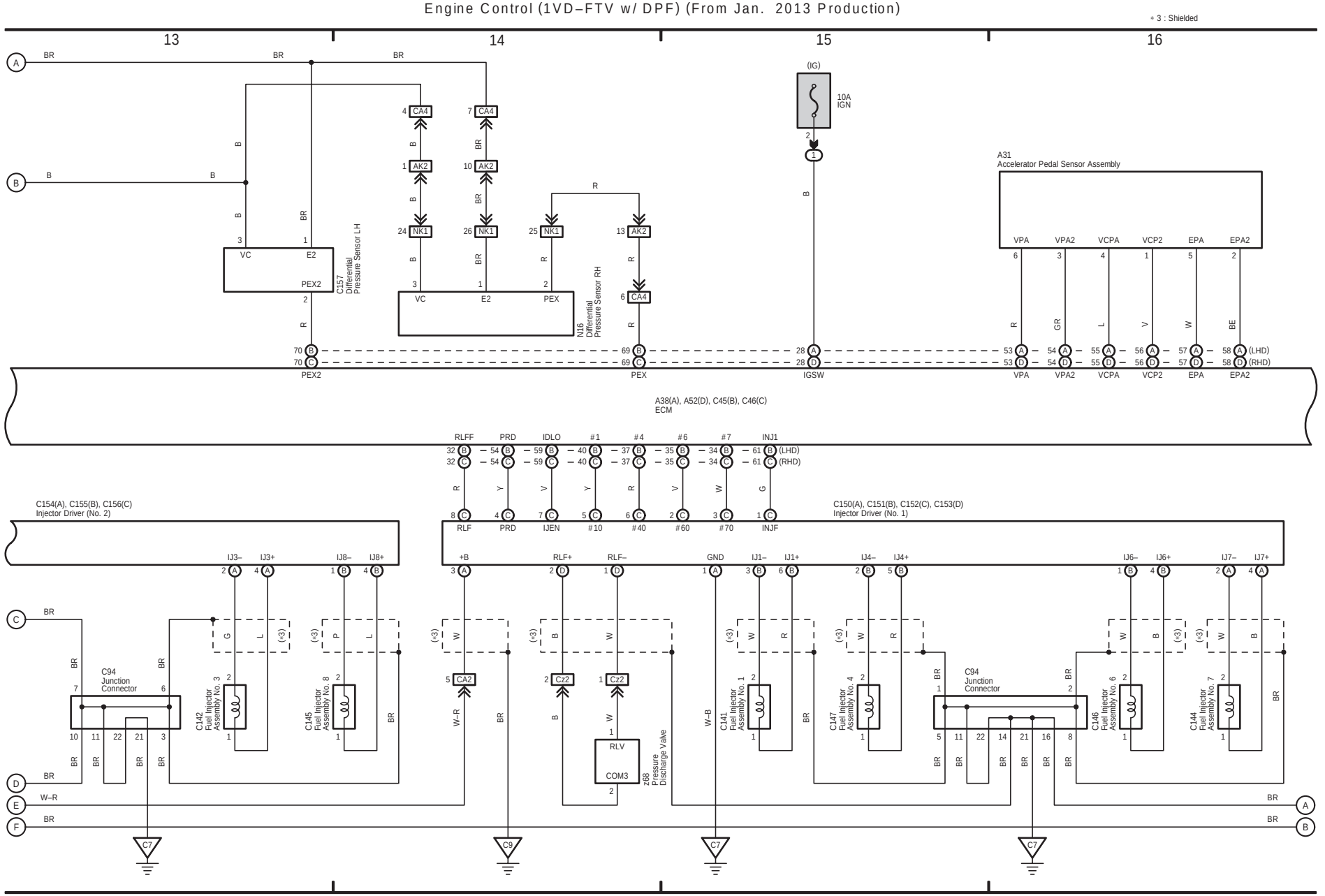
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (From Jan. 2013 Production)



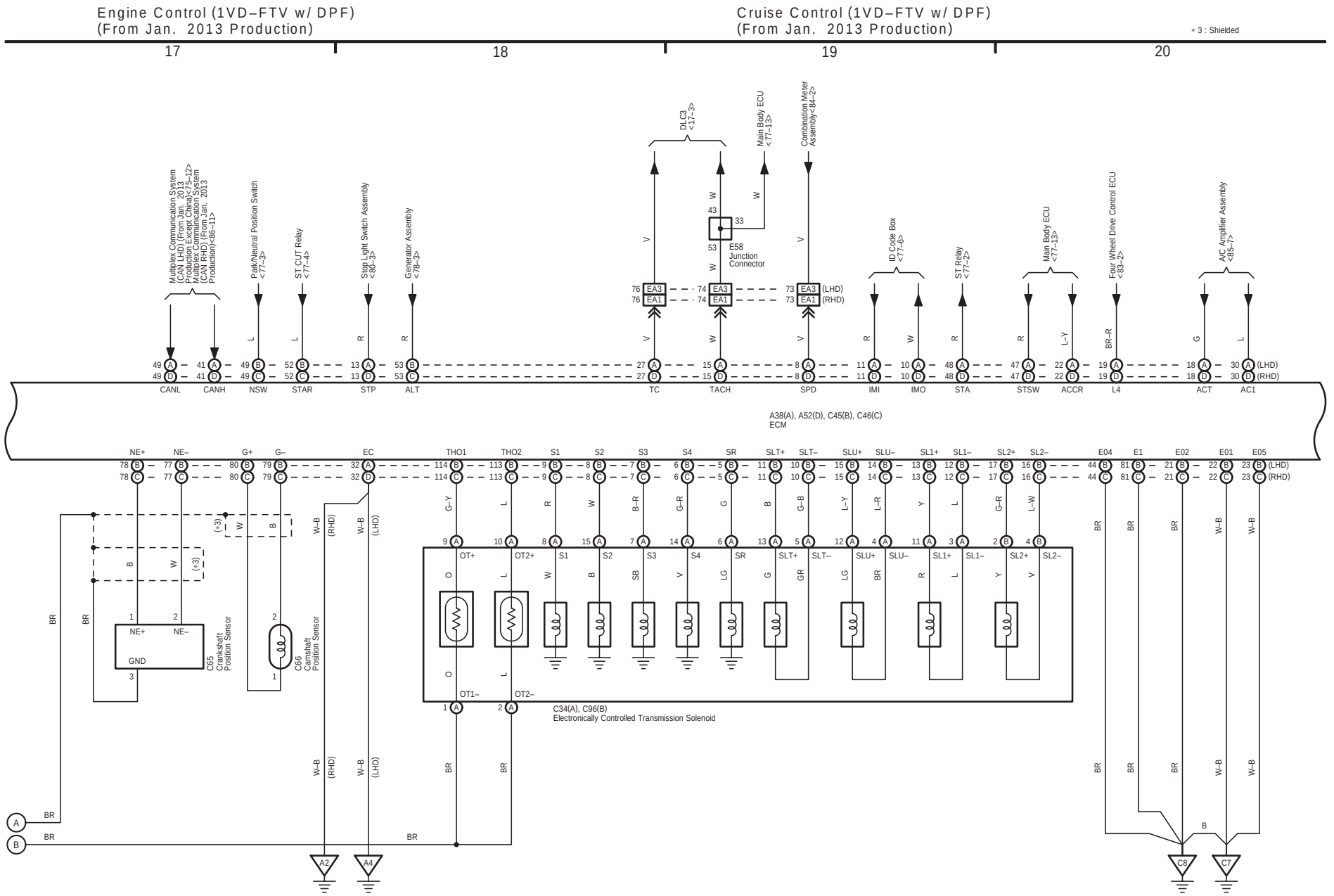
(Cont. next page)

Engine Control (1VD–FTV w/ DPF) (From Jan. 2013 Production)



M

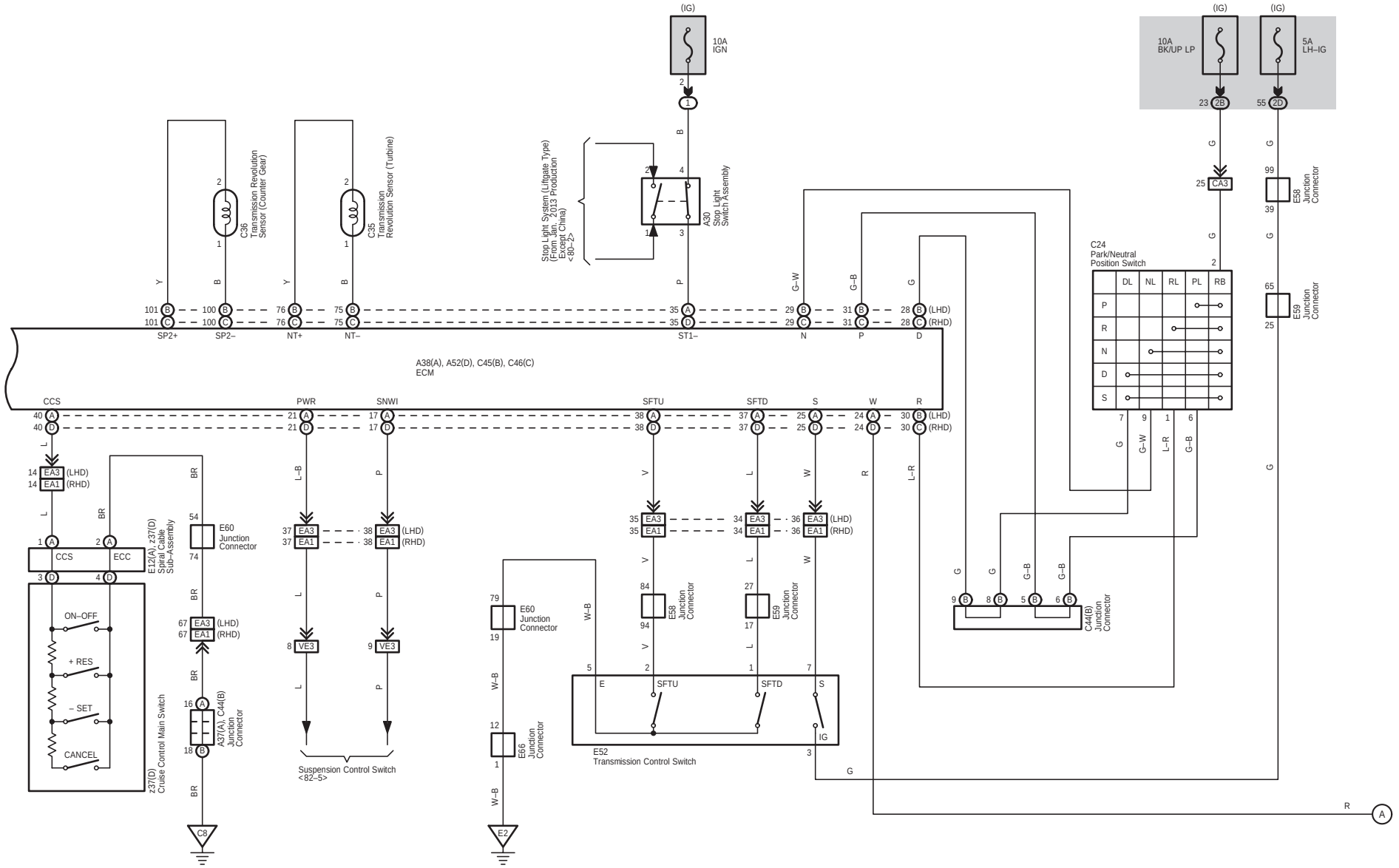
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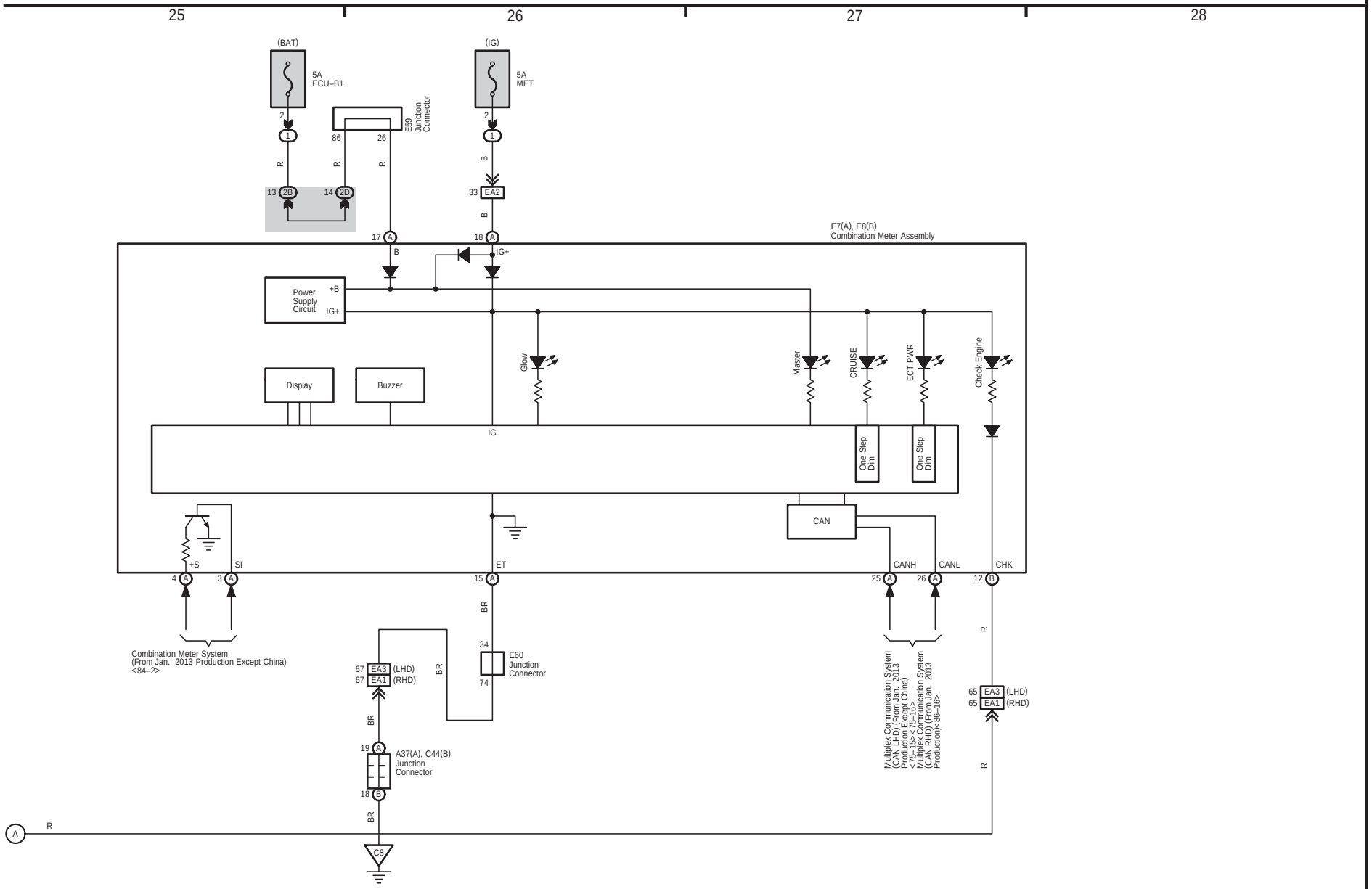
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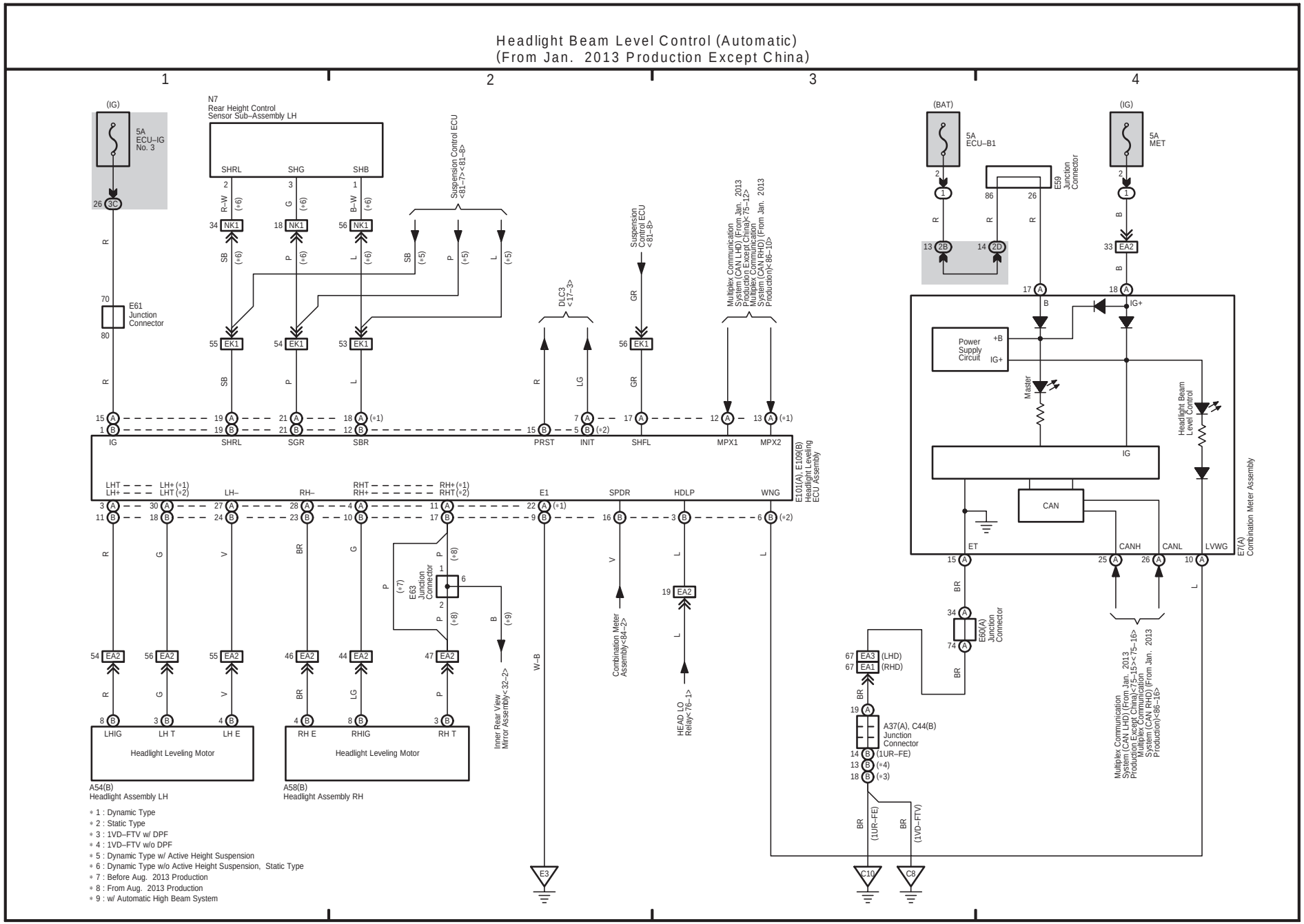
Cruise Control (1VD–FTV w/ DPF)
(From Jan. 2013 Production)

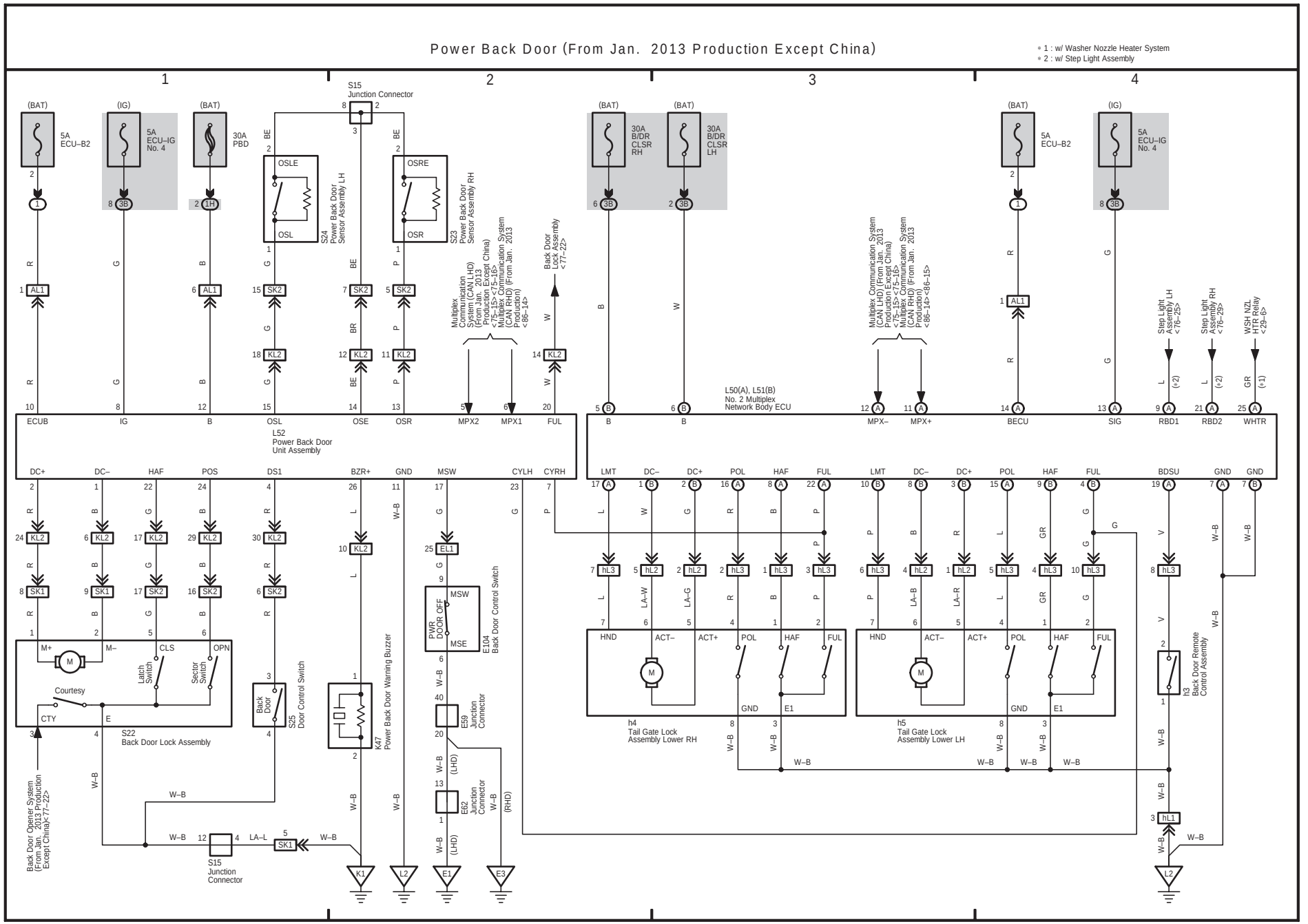
ECT and A/T Indicator (1VD–FTV w/ DPF)
(From Jan. 2013 Production)

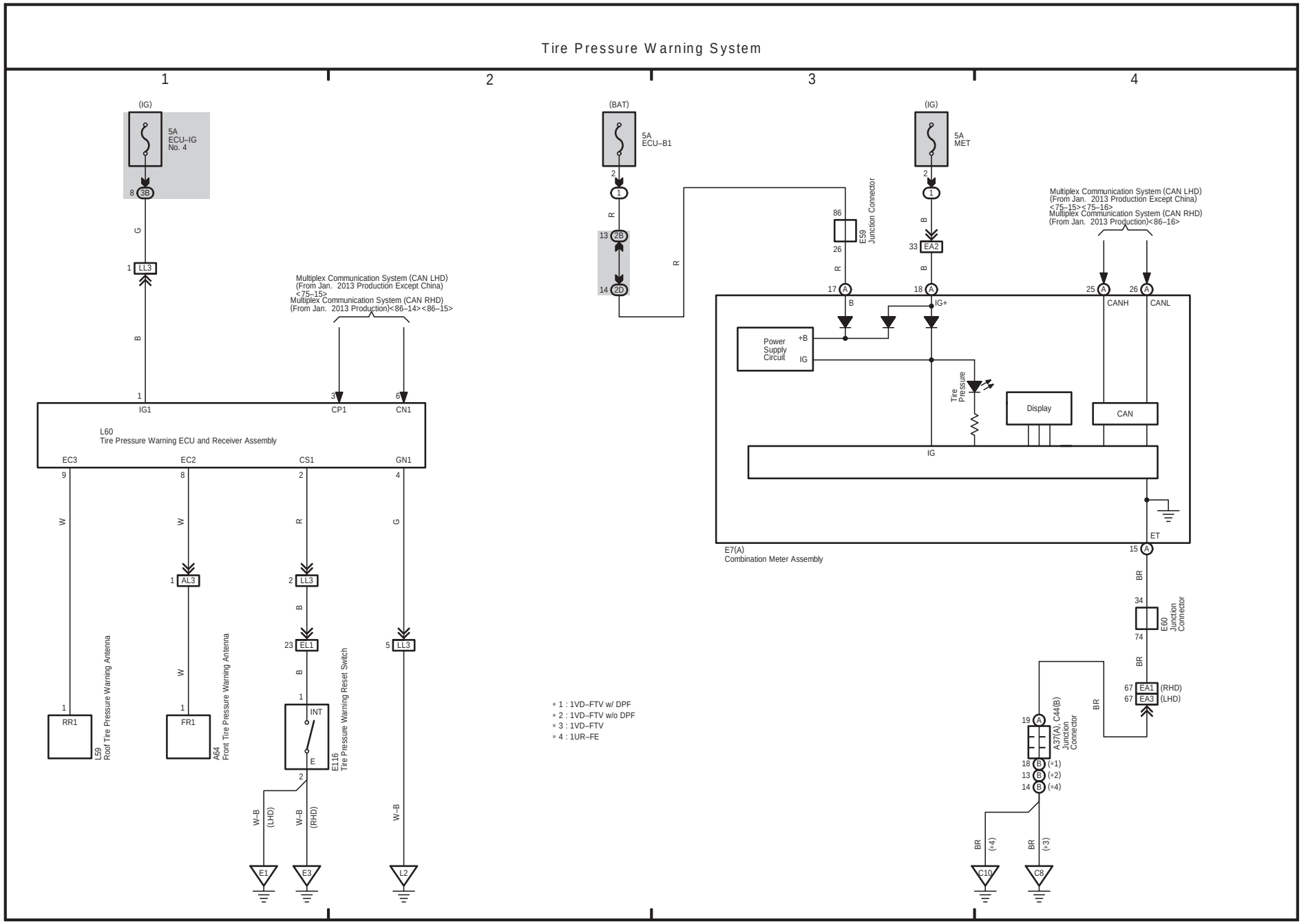


ECT and A/T Indicator (1VD–FTV w/ DPF)
(From Jan. 2013 Production)



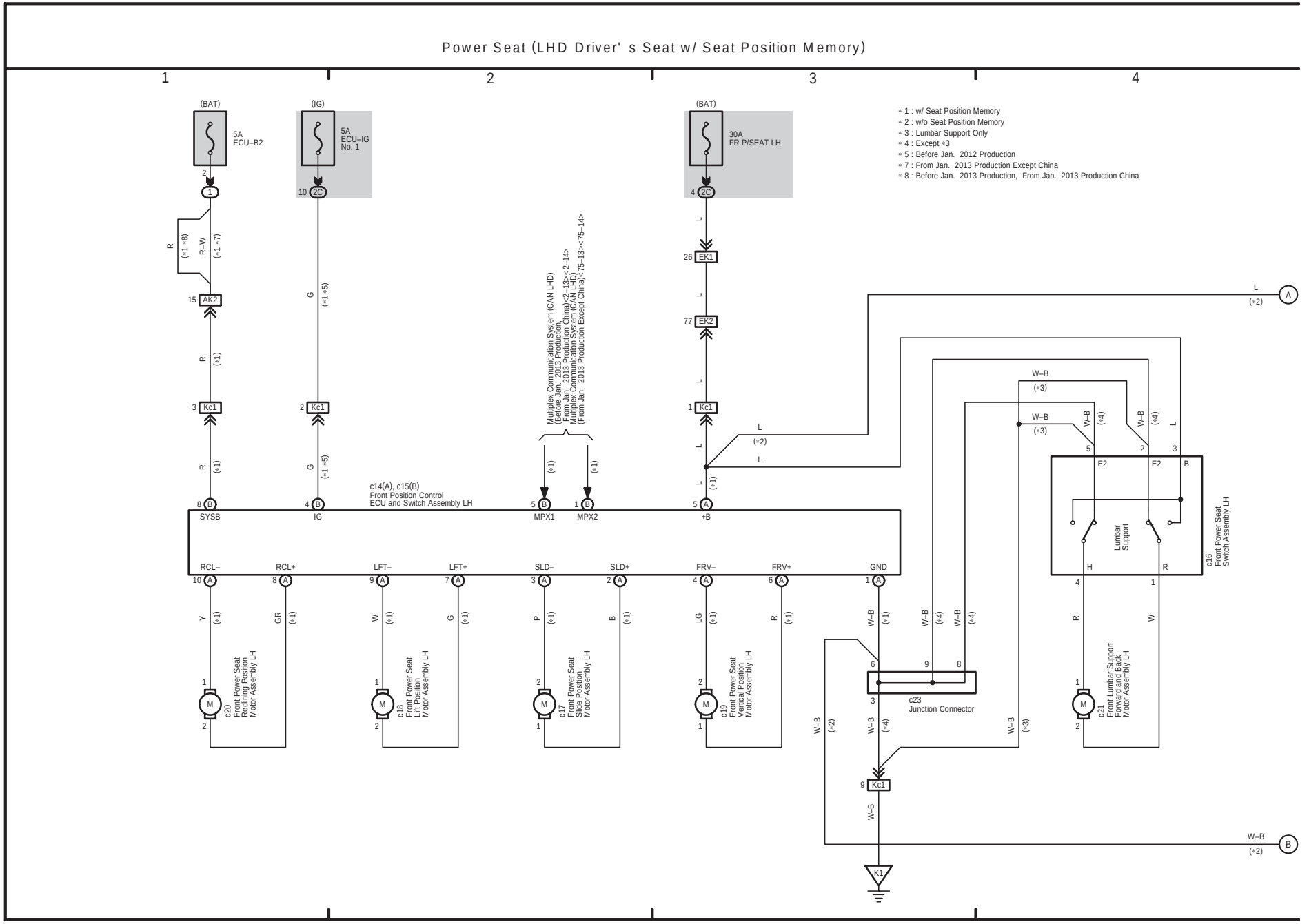

Headlight Beam Level Control (Automatic)
(From Jan. 2013 Production Except China)
1
2
3
4
(IG)
5A ECU–IG No. 3
N7 Rear Height Control Sensor Sub–Assembly LH
SHRL
SHG
SHB
Suspension Control ECU <81–75><81–8>
NK1
EK1
E61 Junction Connector
DLC3 <17–3>
Suspension Control ECU <81–8>
Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)<75–12>
Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)<86–10>
IG
SHRL
SGR
SBR
PRST
INIT
SHFL
MPX1
MPX2
E101(A), E109(B) Headlight Leveling ECU Assembly
LHT
LH+ (*1)
LH+ (*2)
LH–
RH–
RHT
RH+ (*1)
RH+ (*2)
E1
SPDR
HDLP
WNG
E63 Junction Connector
Combination Meter Assembly<84–2>
HEAD LO Relay<76–1>
Inner Rear View Mirror Assembly<32–2>
EA2
LHIG
LH T
LH E
RH E
RHIG
RH T
Headlight Leveling Motor
A54(B) Headlight Assembly LH
A58(B) Headlight Assembly RH
(BAT)
5A ECU–B1
E59 Junction Connector
5A MET
Power Supply Circuit
+B
IG+
Master
Headlight Beam Level Control
CAN
ET
CANH
CANL
LVWG
E7(A) Combination Meter Assembly
E66(A) Junction Connector
EA3 (LHD)
EA1 (RHD)
A37(A), C44(B) Junction Connector
(1UR–FE)
(*4)
(*3)
(1VD–FTV)
Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China)<75–15><75–16>
Multiplex Communication System (CAN RHD) (From Jan. 2013 Production)<86–16>
E3
C10
C8
* 1 : Dynamic Type
* 2 : Static Type
* 3 : 1VD–FTV w/ DPF
* 4 : 1VD–FTV w/o DPF
* 5 : Dynamic Type w/ Active Height Suspension
* 6 : Dynamic Type w/o Active Height Suspension, Static Type
* 7 : Before Aug. 2013 Production
* 8 : From Aug. 2013 Production
* 9 : w/ Automatic High Beam System


Power Back Door (From Jan. 2013 Production Except China)
* 1 : w/ Washer Nozzle Heater System
* 2 : w/ Step Light Assembly
S15 Junction Connector
5A ECU–B2
5A ECU–IG No. 4
30A PBD
30A B/DR CLSR RH
30A B/DR CLSR LH
S24 Power Back Door Sensor Assembly LH
S23 Power Back Door Sensor Assembly RH
Multiplex Communication System (CAN LHD) (From Jan. 2013 Production Except China) <75–15> <75–16>
Multiplex Communication System (CAN RHD) (From Jan. 2013 Production) <86–14>
Back Door Lock Assembly <77–22>
Step Light Assembly LH <76–25>
Step Light Assembly RH <76–29>
WSH NZL HTR Relay <29–6>
L50(A), L51(B) No. 2 Multiplex Network Body ECU
L52 Power Back Door Unit Assembly
S22 Back Door Lock Assembly
S25 Door Control Switch
K47 Power Back Door Warning Buzzer
E104 Back Door Control Switch
E59 Junction Connector
E62 Junction Connector
h4 Tail Gate Lock Assembly Lower RH
h5 Tail Gate Lock Assembly Lower LH
h3 Back Door Remote Control Assembly
Back Door Opener System (From Jan. 2013 Production Except China) <77–22>
S15 Junction Connector


Tire Pressure Warning System
1
2
3
4
(IG)
5A
ECU–IG
No. 4
8 3B
G
1 LL3
B
1
IG1
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production Except China)
<75–15>
Multiplex Communication System (CAN RHD)
(From Jan. 2013 Production)<86–14><86–15>
3
CP1
6
CN1
L60
Tire Pressure Warning ECU and Receiver Assembly
EC3
EC2
CS1
GN1
9
8
2
4
W
W
R
G
1 AL3
2 LL3
B
23 EL1
B
1
5 LL3
INT
E
2
1
RR1
L59
Roof Tire Pressure Warning Antenna
FR1
A64
Front Tire Pressure Warning Antenna
E116
Tire Pressure Warning Reset Switch
W–B
(LHD)
W–B
(RHD)
W–B
E1
E3
L2
(BAT)
5A
ECU–B1
2
1
R
13 2B
14 2D
R
(IG)
5A
MET
2
1
B
33 EA2
B
86
E59
Junction Connector
26
R
17 A
B
18 A
IG+
Power
Supply
Circuit
+B
IG
Tire
Pressure
Display
CAN
IG
Multiplex Communication System (CAN LHD)
(From Jan. 2013 Production Except China)
<75–15><75–16>
Multiplex Communication System (CAN RHD)
(From Jan. 2013 Production)<86–16>
25 A
CANH
26 A
CANL
ET
E7(A)
Combination Meter Assembly
15 A
BR
34
E60
Junction
Connector
74
BR
67 EA1 (RHD)
67 EA3 (LHD)
BR
19 A
A37(A), C44(B)
Junction
Connector
18 B (*1)
13 B (*2)
14 B (*4)
BR
(*4)
BR
(*3)
C10
C8
* 1 : 1VD–FTV w/ DPF
* 2 : 1VD–FTV w/o DPF
* 3 : 1VD–FTV
* 4 : 1UR–FE

(Cont. next page)

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

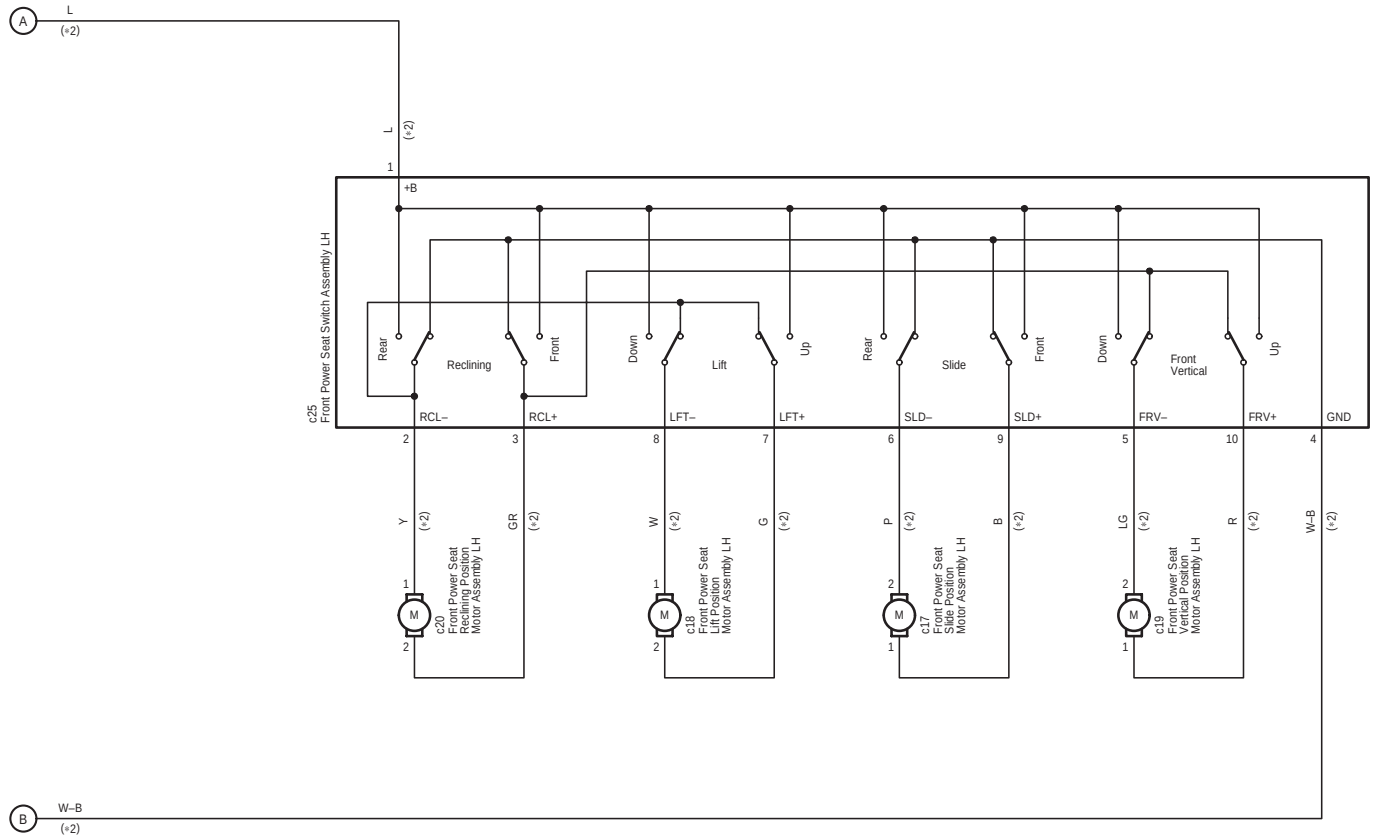


(Cont. next page)

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)

∗ 5 : Before Jan. 2012 Production
∗ 6 : From Jan. 2012 Production

