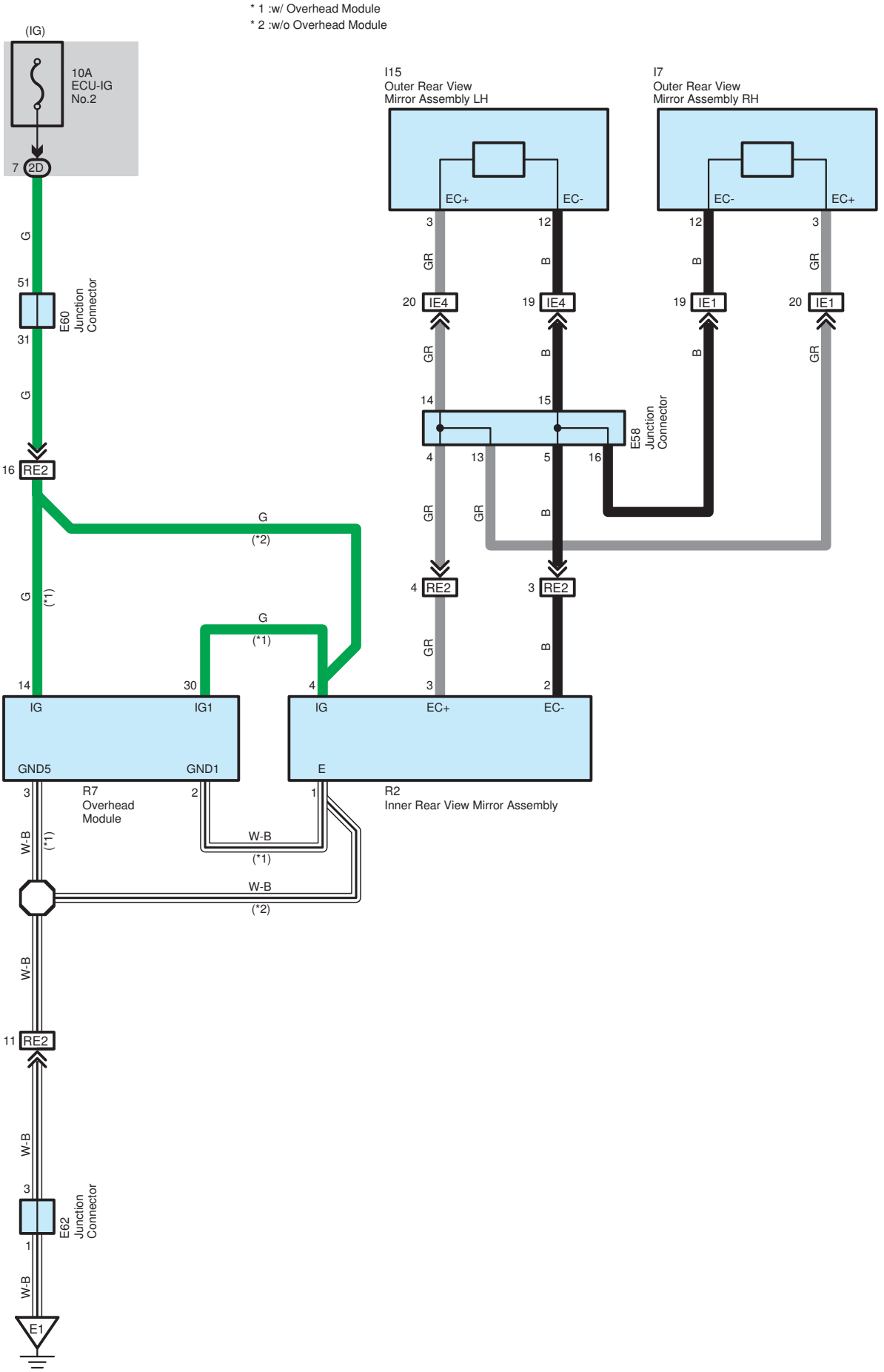

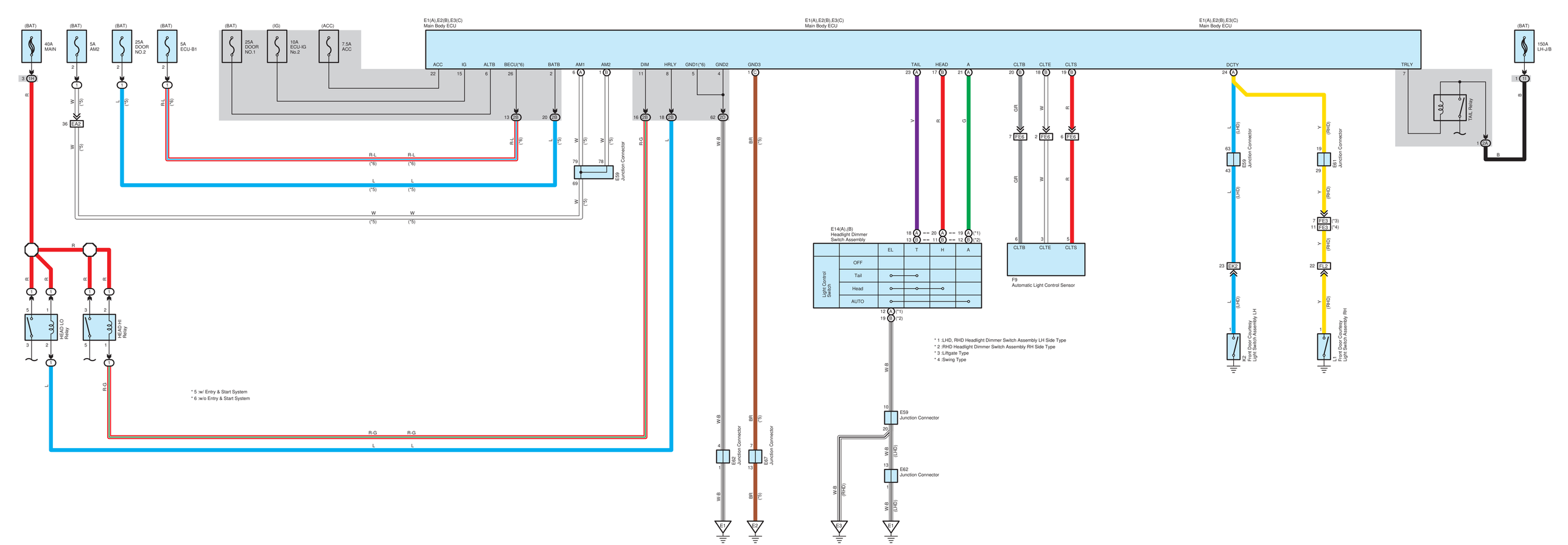
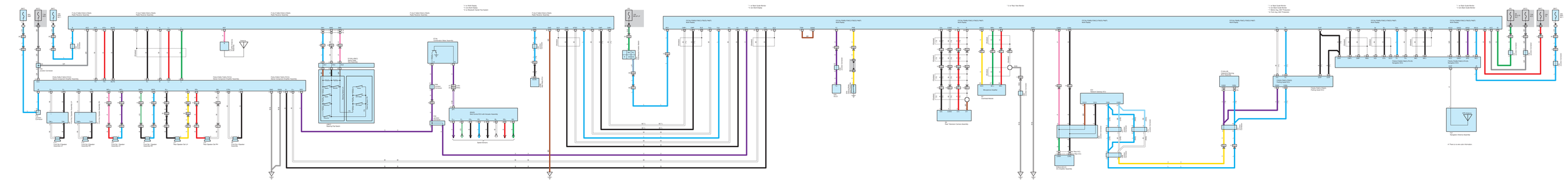


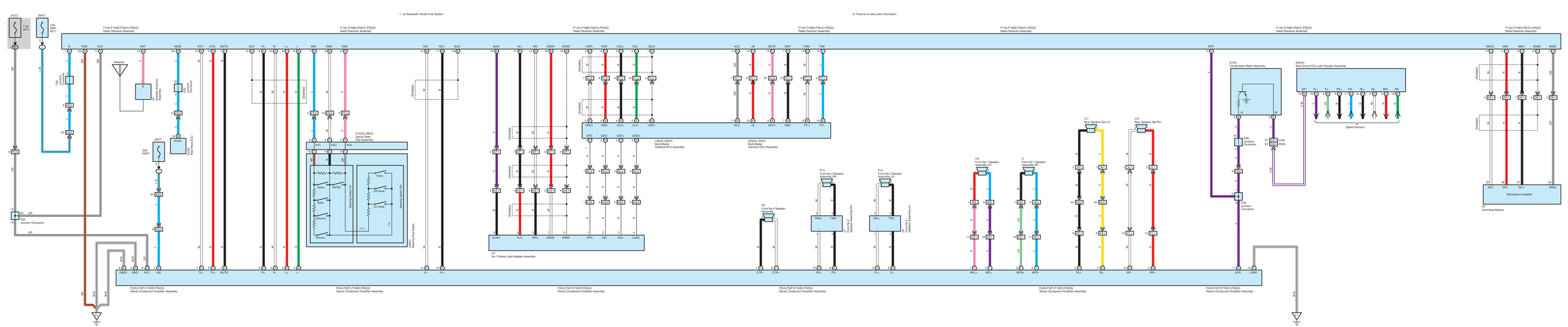

* 1 :w/ Overhead Module
* 2 :w/o Overhead Module
(IG)
10A
ECU-IG
No.2
7
2D
G
51
E60
Junction
Connector
31
G
16
RE2
G
(*2)
G
(*1)
G
(*1)
14
IG
30
IG1
GND5
GND1
3
W-B
(*1)
R7
Overhead
Module
2
1
W-B
(*1)
W-B
(*2)
W-B
11
RE2
W-B
3
E62
Junction
Connector
1
W-B
E1
I15
Outer Rear View
Mirror Assembly LH
EC+
EC-
3
GR
20
IE4
GR
14
4
GR
4
RE2
GR
3
12
B
19
IE4
B
15
13
GR
5
B
3
RE2
B
2
4
IG
3
EC+
2
EC-
E
R2
Inner Rear View Mirror Assembly
E58
Junction
Connector
16
I7
Outer Rear View
Mirror Assembly RH
EC-
EC+
12
B
19
IE1
B
3
GR
20
IE1
GR

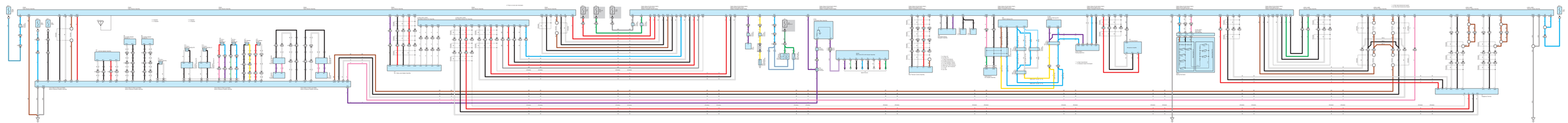
* 1 :Before Jul. 2009 Production
* 2 :From Jul. 2009 Production

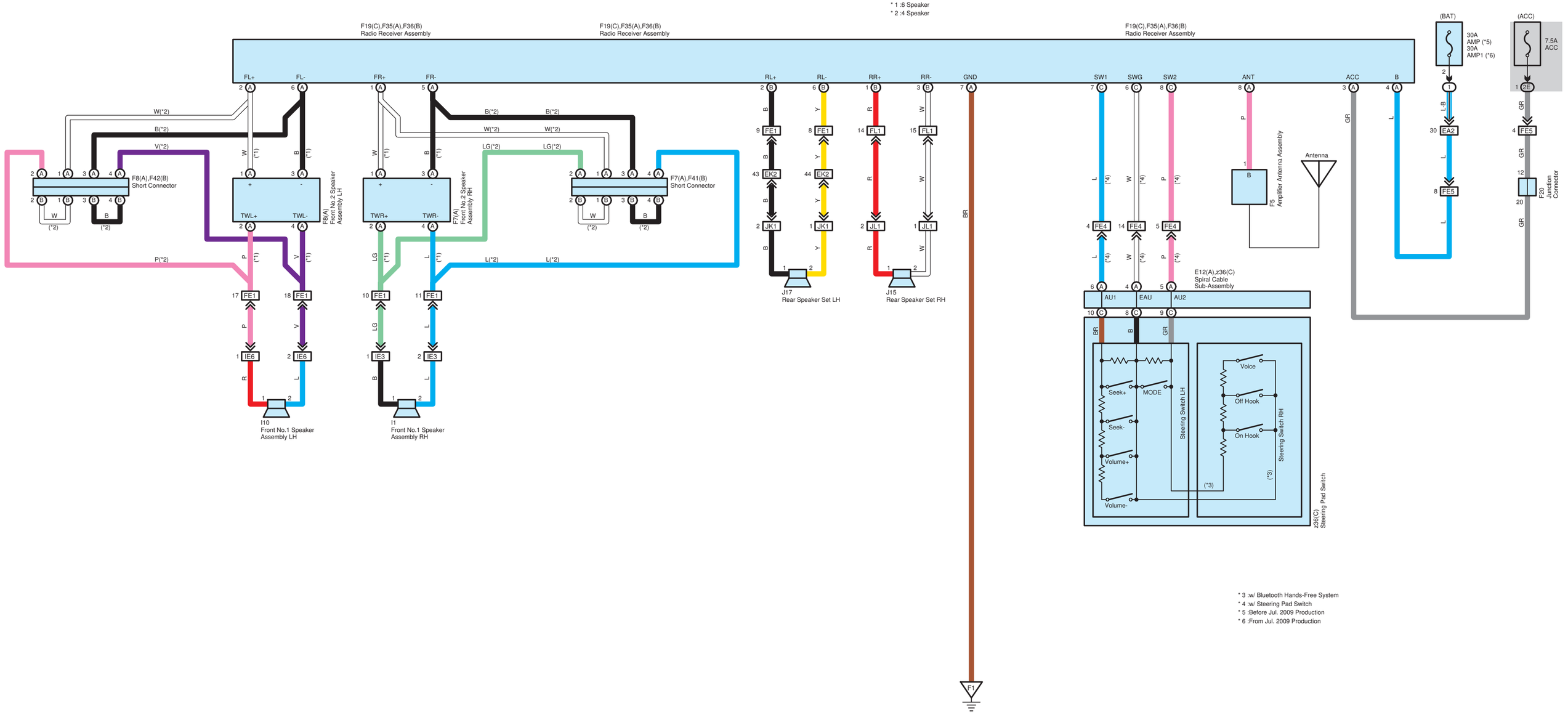


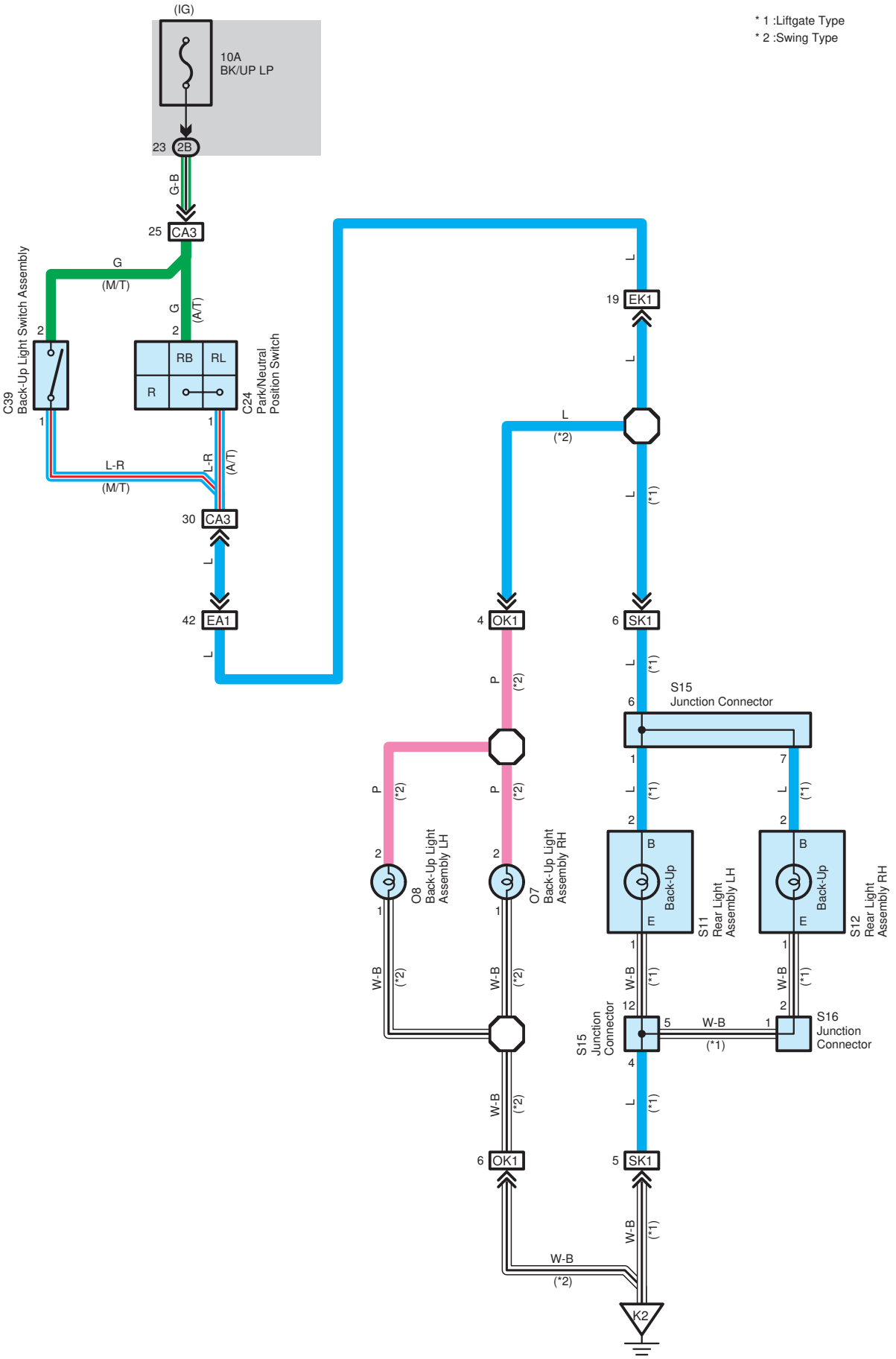

(BAT)
40A MAIN
(BAT)
5A AM2
(BAT)
25A DOOR NO.2
(BAT)
5A ECU-B1
(BAT)
25A DOOR NO.1
(IG)
10A ECU-IG No.2
(ACC)
7.5A ACC
E1(A),E2(B),E3(C) Main Body ECU
ACC IG ALTB BECU(*6) BATB AM1 AM2 DIM HRLY GND1(*6) GND2 GND3
E1(A),E2(B),E3(C) Main Body ECU
TAIL HEAD A CLTB CLTE CLTS
E1(A),E2(B),E3(C) Main Body ECU
DCTY TRLY
(BAT)
150A LH-JB
TAIL Relay
E59 Junction Connector
E60 Junction Connector
E61 Junction Connector
E62 Junction Connector
E14(A),(B) Headlight Dimmer Switch Assembly
Light Control Switch
OFF
Tail
Head
AUTO
EL T H A
F9 Automatic Light Control Sensor
HEAD LO Relay
HEAD HI Relay
* 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
* 5 :w/ Entry & Start System
* 6 :w/o Entry & Start System
E60 Junction Connector
E61 Junction Connector
Front Door Courtesy Light Switch Assembly LH
Front Door Courtesy Light Switch Assembly RH



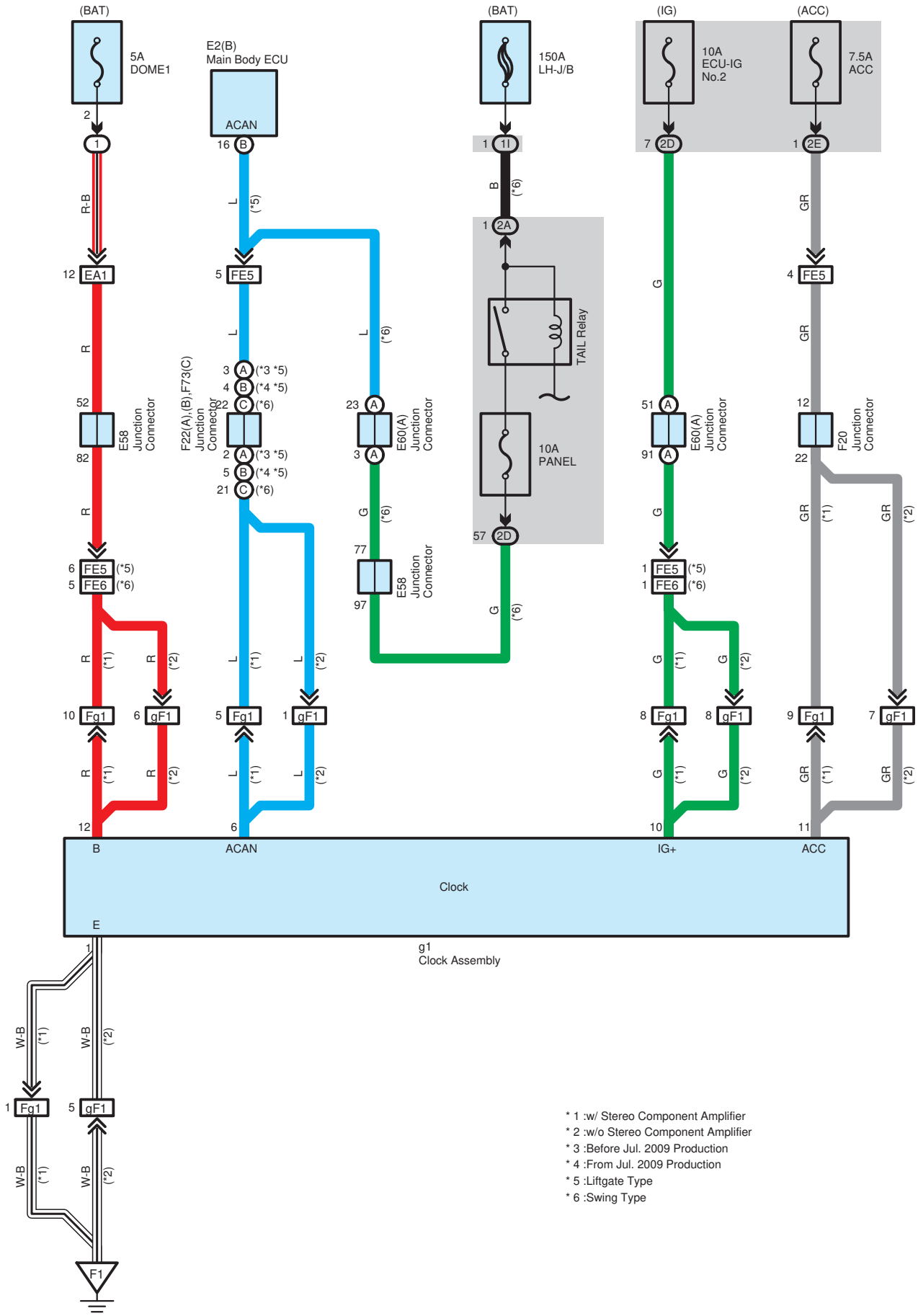

* 1: w/ Bluetooth Hands-Free System
# : There is no wire color information.
(ACC)
(BAT)
7.5A RAD ACC
10A RAD NO.1
F1(ALF19(BLF54(CLF55(D
Radio Receiver Assembly
F2(ALF33(FLF18(DLF52(G
Stereo Component Amplifier Assembly
Antenna
Antenna Antenna Assembly
F29 Junction Connector
F30 Junction Connector
30A AM2*1
HORN Main Relay (ECU)
E12(AU36(C) Spiral Cable Sub-Assembly
Steering Switch LH
Steering Switch RH
Steering Pad Switch (Driver's Air Bag Module)
Seek+
MODE
Seek-
Volume
Voice
Off Hook
On Hook
(*1)
F9 Front No.4 Speaker Assembly
F13 Front No.3 Speaker Assembly RH
F14 Front No.3 Speaker Assembly LH
I10 Front No.1 Speaker Assembly LH
I1 Front No.1 Speaker Assembly RH
J17 Rear Speaker Set LH
J15 Rear Speaker Set RH
ET(A) Combination Meter Assembly
ES6 Junction Connector
E22 Junction Connector
A24(A) Skid Control ECU with Actuator Assembly
Speed Sensors
E37 Overhead Module
Microphone Amplifier
L40(ALL40(D) Multi-Media Interface ECU Assembly
A41 No.1 Stereo Jack Adapter Assembly
(Shielded)
ANT
ADIM
ATX+
ATX-
MUTE
SLD
R+
R-
L+
L-
SW1
SW2
IVO-
IVO+
SLD1
AUW
AU
ARI
ASGN
ADNO
CDP+
CDR-
CDL+
CDL-
CDLD
ACC
+B
MUTE
GND
TXM+
TXM-
SPD
MACO
MIN-
MIN+
SGND
SNS2
ACC
MAC
MIN+
SNS2
AGRO
ALO
ARO
ASGN
ADNO
UPO
UDO-
UDO+
UESG
CTP+
CTP-
FRO+
FRO-
TWP+
TWP-
TWL+
TWL-
FLO+
FLO-
WPL+
WPL-
WPR+
WPR-
RL+
RL-
RR-
RR+
SP1
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
SPD
LRHD

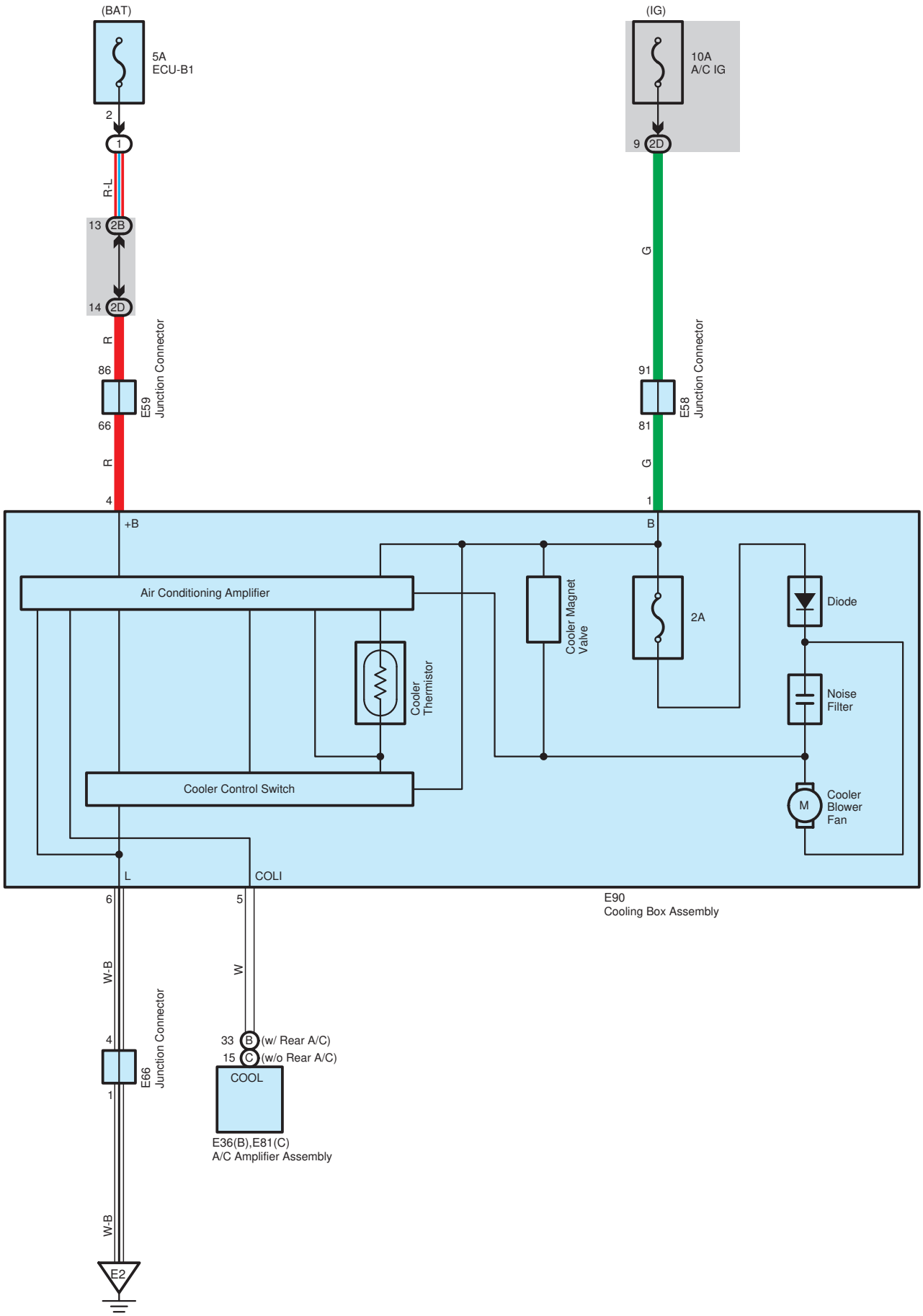



* 1 :6 Speaker
* 2 :4 Speaker
F19(C),F35(A),F36(B)
Radio Receiver Assembly
F19(C),F35(A),F36(B)
Radio Receiver Assembly
F19(C),F35(A),F36(B)
Radio Receiver Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
GND
SW1
SWG
SW2
ANT
ACC
B
(BAT)
(ACC)
30A
AMP (*5)
30A
AMP1 (*6)
7.5A
ACC
W(*2)
B(*2)
V(*2)
P(*2)
B(*2)
W(*2)
LG(*2)
L(*2)
F8(A),F42(B)
Short Connector
F8(A)
Front No.2 Speaker
Assembly LH
F7(A)
Front No.2 Speaker
Assembly RH
F7(A),F41(B)
Short Connector
TWL+
TWL-
TWR+
TWR-
I10
Front No.1 Speaker
Assembly LH
I1
Front No.1 Speaker
Assembly RH
J17
Rear Speaker Set LH
J15
Rear Speaker Set RH
BR
F1
Antenna
F5
Amplifier Antenna Assembly
E12(A),z36(C)
Spiral Cable
Sub-Assembly
AU1
EAU
AU2
Seek+
MODE
Seek-
Volume+
Volume-
Steering Switch LH
Voice
Off Hook
On Hook
Steering Switch RH
(*3)
z36(C)
Steering Pad Switch
F20
Junction
Connector
* 3 :w/ Bluetooth Hands-Free System
* 4 :w/ Steering Pad Switch
* 5 :Before Jul. 2009 Production
* 6 :From Jul. 2009 Production

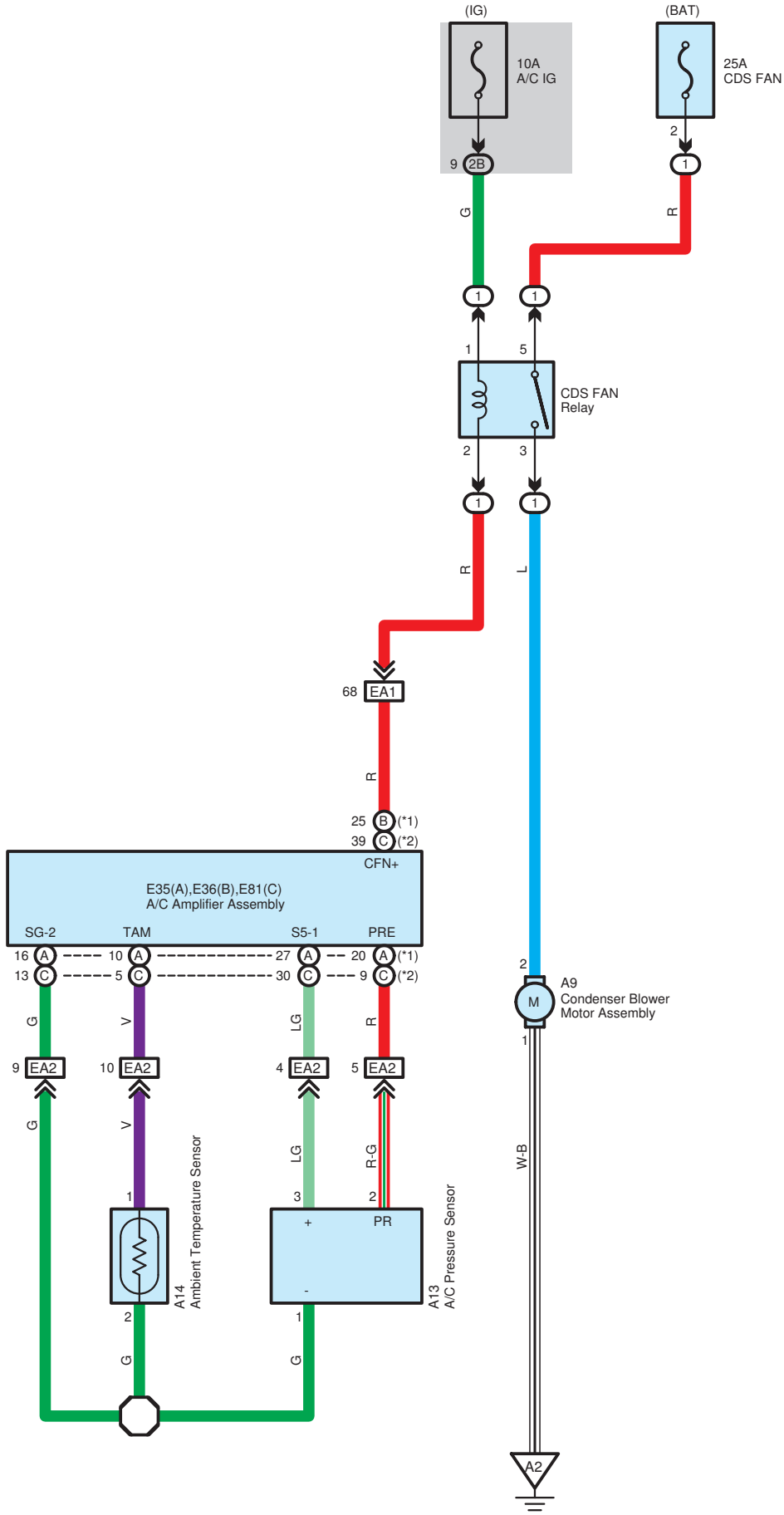


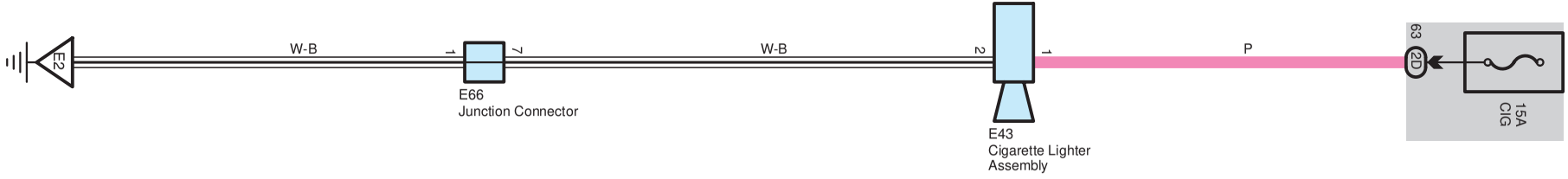
* 1 :Liftgate Type
* 2 :Swing Type

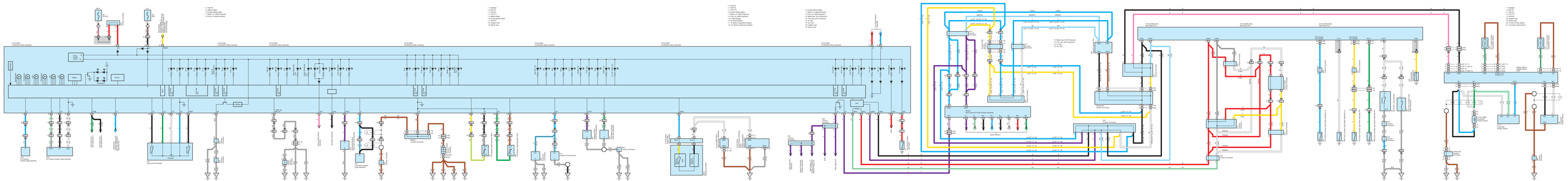

(BAT)
5A
DOME1
2
1
R-B
12
EA1
R
52
E58
Junction
Connector
82
R
6
FE5
(*5)
5
FE6
(*6)
R
(*1)
R
(*2)
10
Fg1
6
gF1
R
(*1)
R
(*2)
12
B
E2(B)
Main Body ECU
ACAN
16
B
L
(*5)
5
FE5
L
3
A
(*3 *5)
4
B
(*4 *5)
22
C
(*6)
F22(A),(B),F73(C)
Junction
Connector
2
A
(*3 *5)
5
B
(*4 *5)
21
C
(*6)
L
(*1)
L
(*2)
5
Fg1
1
gF1
L
(*1)
L
(*2)
6
ACAN
(BAT)
150A
LH-J/B
1
1I
B
(*6)
1
2A
TAIL Relay
10A
PANEL
57
2D
G
(*6)
L
(*6)
23
A
3
A
E60(A)
Junction
Connector
G
(*6)
77
E58
Junction
Connector
97
(IG)
10A
ECU-IG
No.2
7
2D
G
51
A
91
A
E60(A)
Junction
Connector
G
1
FE5
(*5)
1
FE6
(*6)
G
(*1)
G
(*2)
8
Fg1
8
gF1
G
(*1)
G
(*2)
10
IG+
(ACC)
7.5A
ACC
1
2E
GR
4
FE5
GR
12
F20
Junction
Connector
22
GR
(*1)
GR
(*2)
9
Fg1
7
gF1
GR
(*1)
GR
(*2)
11
ACC
Clock
E
1
g1
Clock Assembly
W-B
(*1)
W-B
(*2)
1
Fg1
5
gF1
W-B
(*1)
W-B
(*2)
F1
* 1 :w/ Stereo Component Amplifier
* 2 :w/o Stereo Component Amplifier
* 3 :Before Jul. 2009 Production
* 4 :From Jul. 2009 Production
* 5 :Liftgate Type
* 6 :Swing Type


(BAT)
5A
ECU-B1
2
1
R-L
13
2B
14
2D
R
86
E59
Junction Connector
66
R
4
+B
(IG)
10A
A/C IG
9
2D
G
91
E58
Junction Connector
81
G
1
B
Air Conditioning Amplifier
Cooler Magnet
Valve
2A
Diode
Noise
Filter
Cooler
Thermistor
Cooler Control Switch
M
Cooler
Blower
Fan
L
COLI
E90
Cooling Box Assembly
6
5
W-B
W
4
E66
Junction Connector
1
33
B
(w/ Rear A/C)
15
C
(w/o Rear A/C)
COOL
E36(B),E81(C)
A/C Amplifier Assembly
W-B
E2

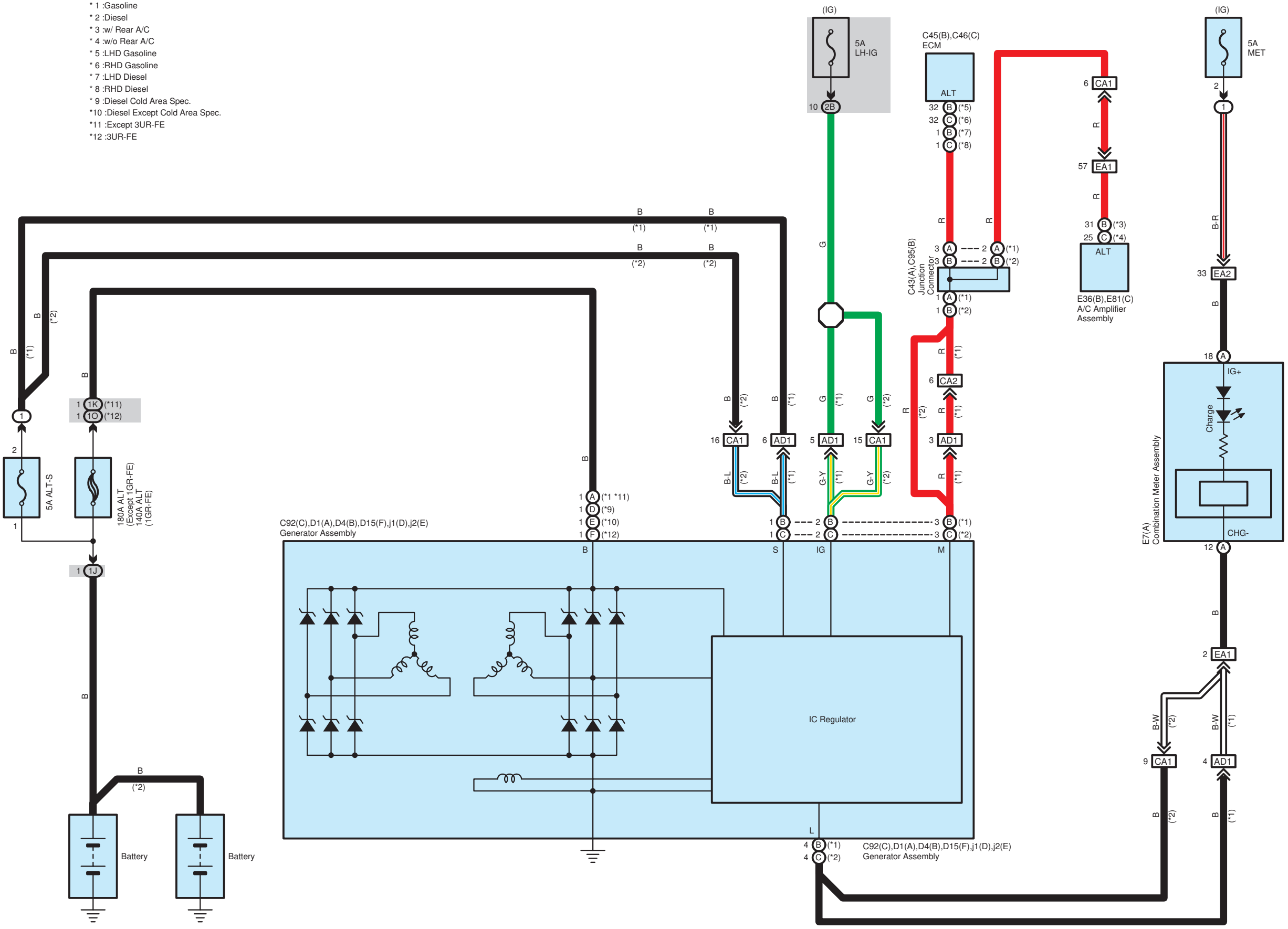
* 1 :w/ Rear A/C
* 2 :w/o Rear A/C



E2
W-B
1
7
E66
Junction Connector
W-B
2
1
E43
Cigarette Lighter
Assembly
P
63
2D
15A
CIG
(ACC)


* 1 :Gasoline
* 2 :Diesel
* 3 :w/ Rear A/C
* 4 :w/o Rear A/C
* 5 :LHD Gasoline
* 6 :RHD Gasoline
* 7 :LHD Diesel
* 8 :RHD Diesel
* 9 :Diesel Cold Area Spec.
*10 :Diesel Except Cold Area Spec.
*11 :Except 3UR-FE
*12 :3UR-FE





(BAT)
5A AM2
25A DOOR NO.2
(IG)
(ACC)
25A DOOR NO.1
10A ECU-IG No.2
7.5A ACC
E1(A),E2(B),E3(C)
Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
GND2
GND3
DCTY(LHD)
PCTY(RHD)
LCTY
PCTY(LHD)
DCTY(RHD)
RCTY
CANH
CANL
EA2
* 1 :2UZ-FE
* 2 :1VD-FTV


Main Body ECU
* 9 :Liftgate Type
*10 :Swing Type
*12 :w/o Entry & Start System
*15 :w/ Entry & Start System
* 1 :w/ Double Locking
* 2 :w/o Double Locking
* 9 :Liftgate Type
*10 :Swing Type
*11 :Driver's Door Only Jam Protection
*12 :w/o Entry & Start System
* 1 :w/ Double Locking
* 2 :w/o Double Locking
* 9 :Liftgate Type
*10 :Swing Type
*13 :w/o SRS
* 3 :w/ Curtain Shield Airbag
* 4 :w/o Curtain Shield Airbag
* 5 :Before Apr. 2010 Production
* 6 :From Apr. 2010 Production
* 7 :w/ VSC
* 8 :w/o VSC
* 9 :Liftgate Type
*10 :Swing Type
*14 :All Door Jam Protection
Center Airbag Sensor Assembly
Buckle Switch
Door Lock Control Switch

(BAT)

7.5A
OBD

18 2D

* 1 :LHD 2UZ-FE,3UR-FE
* 2 :LHD Except 2UZ-FE, Except 3UR-FE
* 3 :RHD 2UZ-FE
* 4 :RHD Except 2UZ-FE
* 5 :Before Jul. 2009 Production
* 6 :From Jul. 2009 Production
* 7 :Liftgate Type
* 8 :Swing Type
* 9 :w/ Engine Immobiliser System (w/o Entry & Start System)

A24(A)
Skid Control ECU with
Actuator Assembly

WFSE 42 A
TS 24 A
D/G 13 A

P-B
G-R
R-W

26 EA1 — 34 EA1 — 33 EA1 (LHD)
13 EA4 — 12 EA4 — 11 EA4 (RHD)

P
25 A
E60(A) Junction Connector
15 A
P

G
R

BE (*6)
O (*5)

Junction Connector
G
B

16 BAT
6 CANH
14 CANL

E22
DLC3

E22
DLC3

15 WFSE
12 TS

SG 5
CG 4
TAC 9
TC 13
SIL 7

BR
W-B
W
V (*8)
V (*7)
R

14 A (*7)
64 A (*8)
24 A (*7)
74 A (*8)
E60(A) Junction Connector

2 6
1
E66 Junction Connector

43
53
E58 Junction Connector

12 A
22 A
32 A
E60(A) Junction Connector

16 A
56 A
26 A
76 A
E60(A) Junction Connector

67 EA3 (LHD)
67 EA1 (RHD)

74 EA3 — 76 EA3 (LHD)
74 EA1 — 76 EA1 (RHD)

9 FE5

3 FE6

W-G
V-W

19 A
A37(A),C44(B) Junction Connector
14 B (Gasoline)
13 B (Diesel)

15 A (LHD)
15 D (RHD)
TACH

16 A (*1)
27 A (*2)
16 D (*3)
27 D (*4)
TC

7 B (*5)
9 E (*6)
TC

7 C
SIL

9
D

BR (1GR-FE)
BR (2UZ-FE)
BR (1VD-FTV)
BR (3UR-FE)

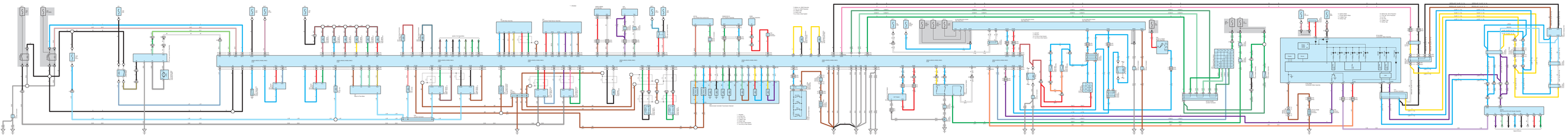
C1
C3
C8
C10
F1
E2

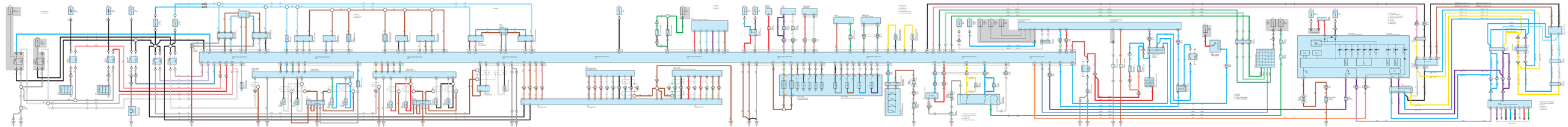
A38(A),A52(D)
ECM

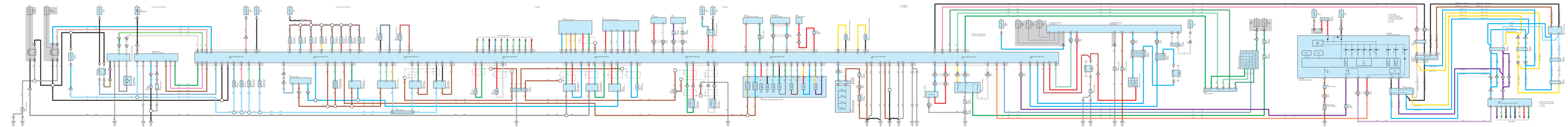
F28(B)
Multi-Display
F64(E)
Display & Navigation
Module Display

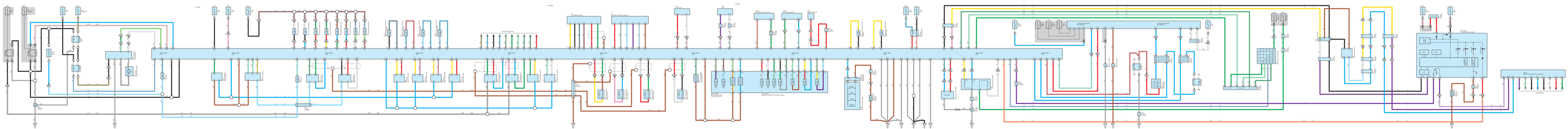
E79(C)
Steering Control
ECU

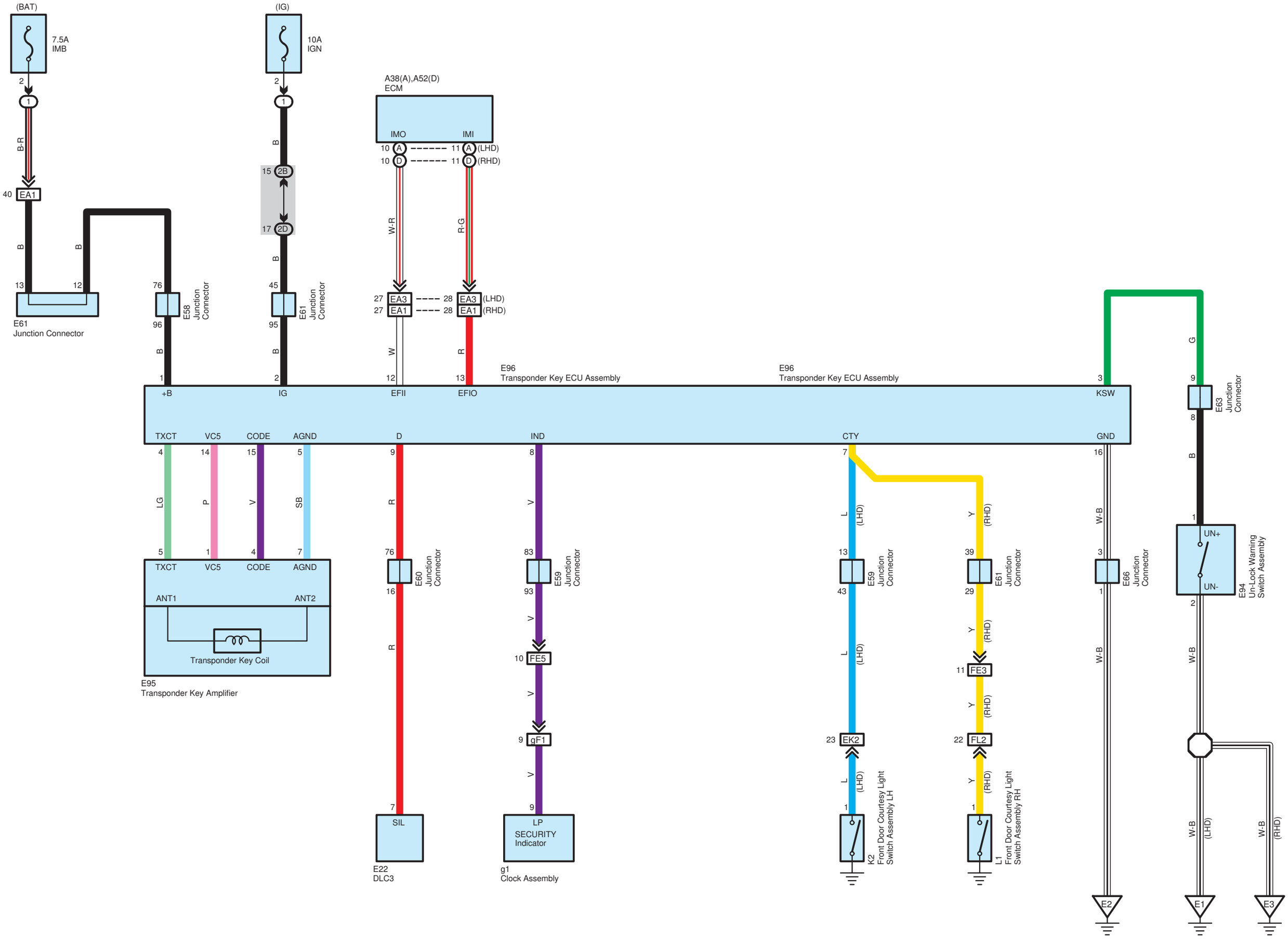
E96
Transponder Key ECU Assembly

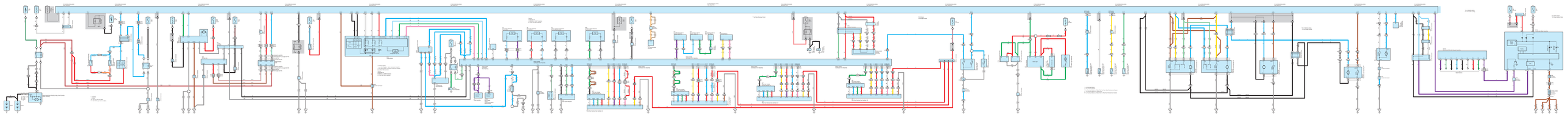




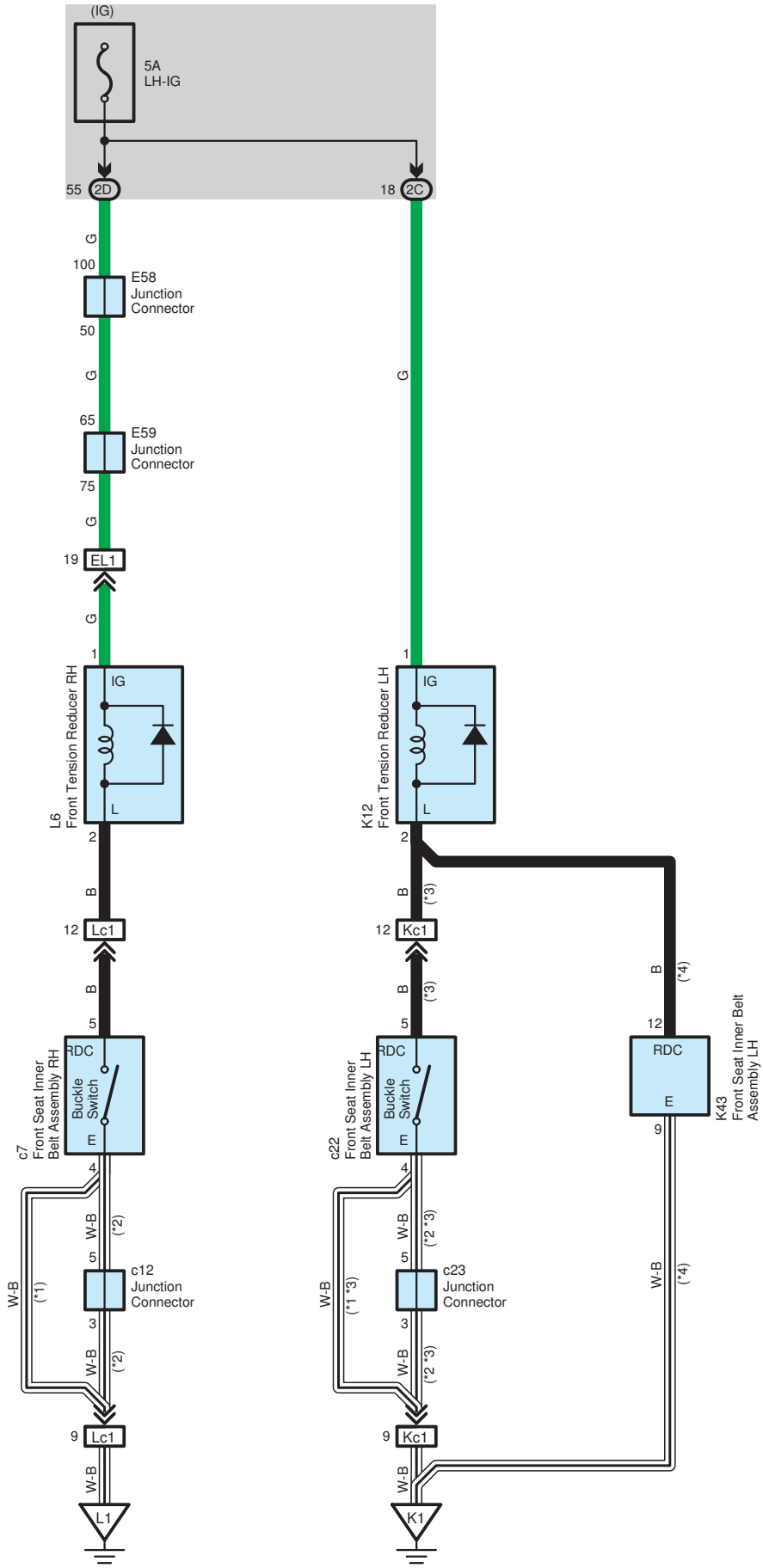


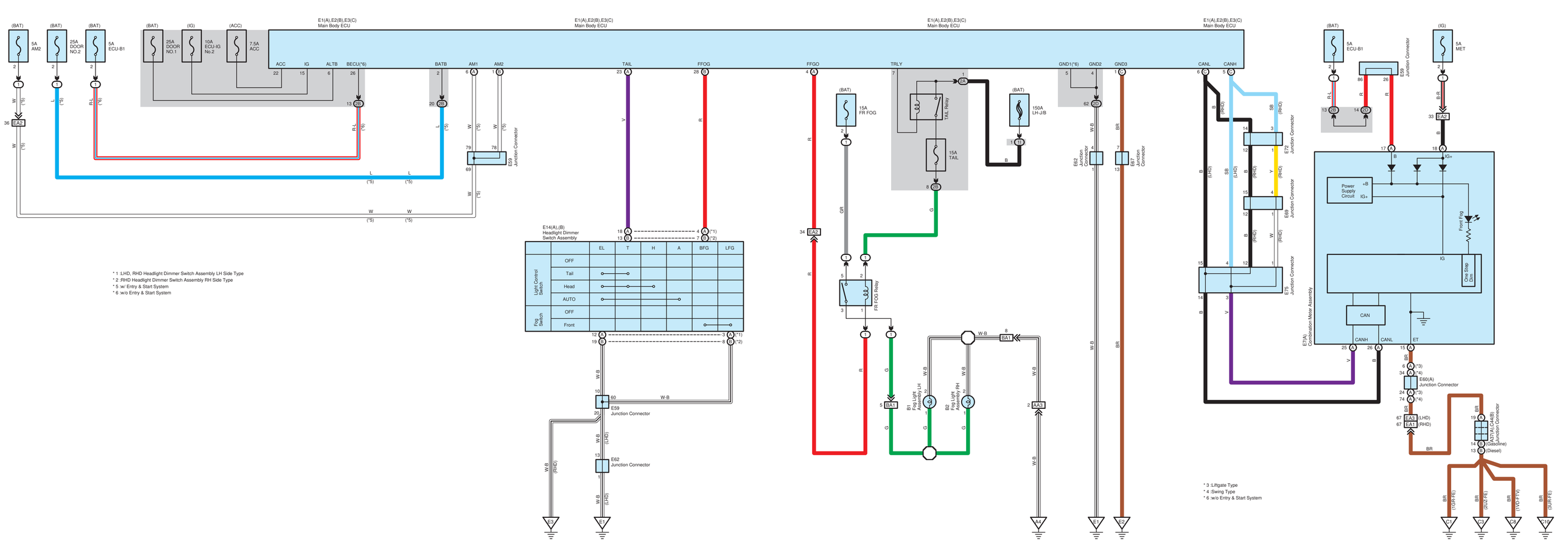


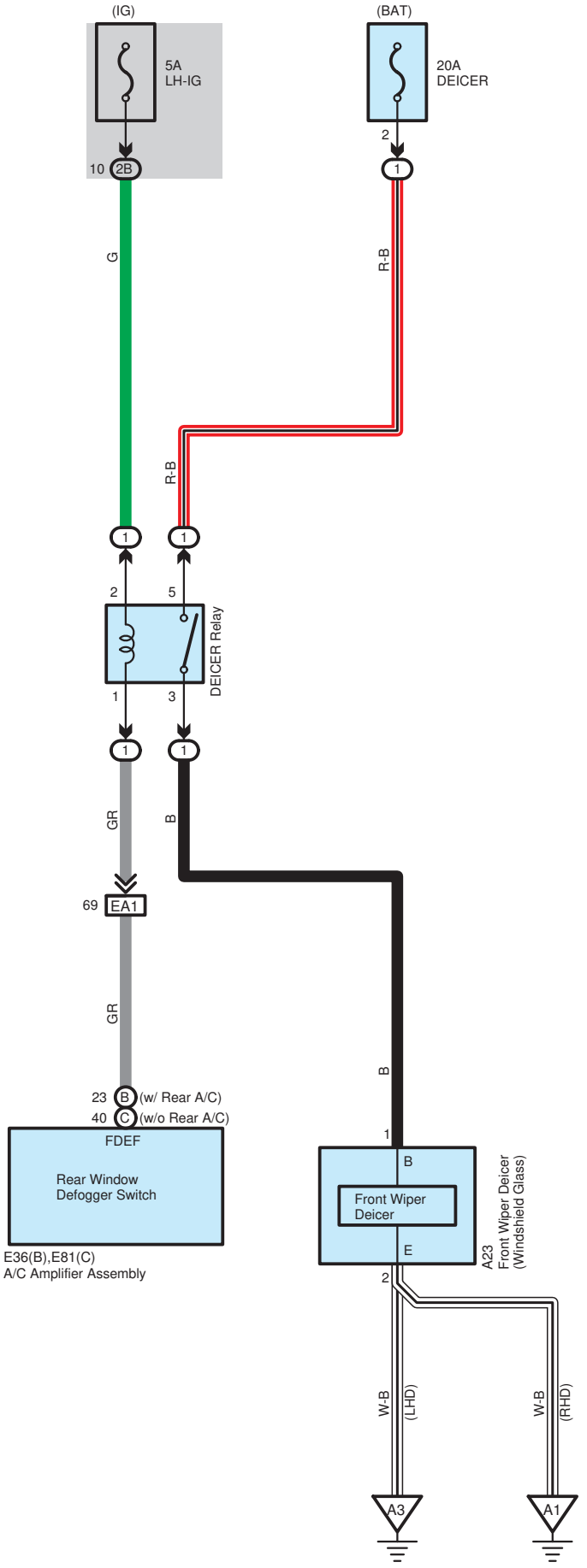

(BAT)
7.5A
IMB
2
1
B-R
40
EA1
B
B
13
12
E61
Junction Connector
(IG)
10A
IGN
2
1
B
15
2B
17
2D
B
45
E61
Junction Connector
A38(A),A52(D)
ECM
IMO
IMI
10
A
11
A
(LHD)
10
D
11
D
(RHD)
W-R
R-G
27
EA3
28
EA3
(LHD)
27
EA1
28
EA1
(RHD)
W
R
12
13
E96
Transponder Key ECU Assembly
+B
IG
EFII
EFIO
76
E58
Junction
Connector
96
B
1
B
95
B
2
E96
Transponder Key ECU Assembly
3
KSW
G
9
E63
Junction
Connector
8
B
TXCT
VC5
CODE
AGND
D
IND
CTY
GND
4
14
15
5
9
8
7
16
LG
P
V
SB
R
V
L
(LHD)
Y
(RHD)
W-B
5
1
4
7
76
16
R
R
7
SIL
E22
DLC3
83
93
V
V
10
FE5
V
9
gF1
V
9
LP
SECURITY
Indicator
g1
Clock Assembly
E59
Junction
Connector
13
43
L
(LHD)
L
(LHD)
23
EK2
L
(LHD)
1
K2
Front Door Courtesy Light
Switch Assembly LH
E59
Junction
Connector
39
29
Y
(RHD)
Y
(RHD)
11
FE3
Y
(RHD)
22
FL2
Y
(RHD)
1
L1
Front Door Courtesy Light
Switch Assembly RH
E61
Junction
Connector
3
1
W-B
W-B
E66
Junction
Connector
E2
1
UN+
UN-
2
E94
Un-Lock Warning
Switch Assembly
W-B
W-B
(LHD)
W-B
(RHD)
E1
E3
E95
Transponder Key Amplifier
ANT1
ANT2
Transponder Key Coil

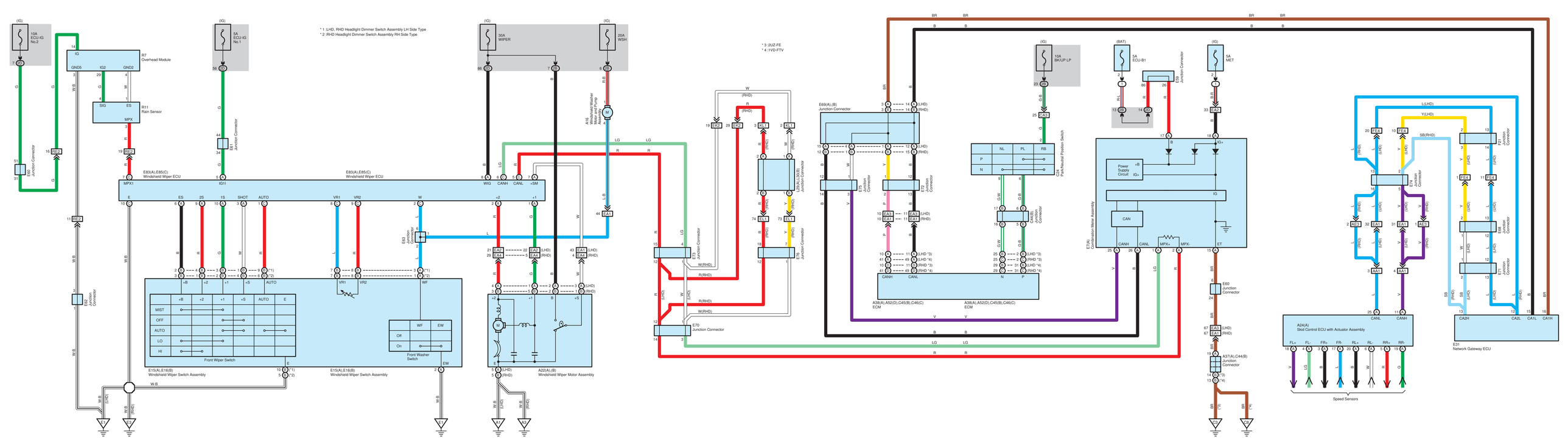


* 1 :Lumbar Support Only
* 2 :Except *1
* 3 :Liftgate Type
* 4 :Swing Type




E1(A),E2(B),E3(C)
Main Body ECU
(BAT)
5A
AM2
25A
DOOR
NO.2
5A
ECU-B1
(IG)
25A
DOOR
NO.1
10A
ECU-IG
No.2
(ACC)
7.5A
ACC
ACC
IG
ALTB
BECU(*6)
BATB
AM1
AM2
TAIL
FFOG
FFGO
TRLY
GND1(*6)
GND2
GND3
CANL
CANH
E14(A),(B)
Headlight Dimmer
Switch Assembly
EL
T
H
A
BFG
LFG
Light Control Switch
OFF
Tail
Head
AUTO
Fog Switch
OFF
Front
15A
FR FOG
FR FOG Relay
15A
TAIL
TAIL Relay
150A
LH-J/B
E62
Junction
Connector
E67
Junction
Connector
E59
Junction Connector
E60(A)
Junction Connector
E72
Junction Connector
E68
Junction Connector
E75
Junction Connector
E74(A)
Combination Meter Assembly
Power
Supply
Circuit
+B
IG+
IG
CAN
CANH
CANL
ET
Front Fog
One Step
Dim
B1
Fog Light
Assembly LH
B2
Fog Light
Assembly RH
5A
ECU-B1
5A
MET
E59
Junction Connector
E60(A)
Junction Connector
E67(A),(B)
Junction Connector
(LHD)
(RHD)
(Gasoline)
(Diesel)
(1GR-FE)
(2UZ-FE)
(1VD-FTV)
(3UR-FE)
* 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
* 5 :w/ Entry & Start System
* 6 :w/o Entry & Start System


(IG)
5A
LH-IG
10
2B
G
(BAT)
20A
DEICER
2
1
R-B
R-B
1
1
2
5
DEICER Relay
1
3
1
1
GR
B
69
EA1
GR
B
23
B
(w/ Rear A/C)
40
C
(w/o Rear A/C)
FDEF
Rear Window
Defogger Switch
E36(B),E81(C)
A/C Amplifier Assembly
1
B
Front Wiper
Deicer
E
A23
Front Wiper Deicer
(Windshield Glass)
2
W-B
(LHD)
W-B
(RHD)
A3
A1


* 1 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 :RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 :2UZ-FE
* 4 :1VD-FTV
(IG)
10A ECU-IG No.2
5A ECU-IG No.1
30A WIPER
20A WSH
10A BK/UP LP
5A ECU-B1
5A MET
(BAT)
R7 Overhead Module
R11 Rain Sensor
Windshield Wiper Motor Assembly
E8(A),E85(C) Windshield Wiper ECU
E15(A),E16(B) Windshield Wiper Switch Assembly
Front Wiper Switch
Front Washer Switch
A22(A),(B) Windshield Wiper Motor Assembly
E69(A),(B) Junction Connector
E70 Junction Connector
A38(A),A52(D),C45(B),C46(C) ECM
Park/Neutral Position Switch
E60 Junction Connector
A37(A),C44(B) Junction Connector
E74 Junction Connector
E31 Network Gateway ECU
A24(A) Skid Control ECU with Actuator Assembly
Speed Sensors
Power Supply Circuit
Combination Meter Assembly
CAN
Off
On
MIST
OFF
AUTO
LO
HI

E15(A),E16(B)
Windshield Wiper Switch Assembly

Front Wiper Switch

	MIST	OFF	INT	LO	HI
B1		●			
INT2			●		
INT1		●	●		
+S		●	●		
+1	●	●	●	●	
+2					●
+B	●			●	●

Front Washer Switch

	Off	On
EW		●
W		●

Wiper Relay

WF
EW
+S
+1
+2
+B

(IG)
20A WSH
30A WIPER

A16
Windshield Washer Motor and Pump Assembly

E63 Junction Connector

44 EA1

L (*4)
L (*3)
L-B
R-B
W-B
B (*4)
B (*3)
W (*3)
R (*3)
G (*3)
W(*3)
G(*3)
R(*3)
B(*3)
W(*4)
G(*4)
R(*4)
B(*4)

E83(A),E84(B) Short Connector

E83(A),E84(B) Short Connector

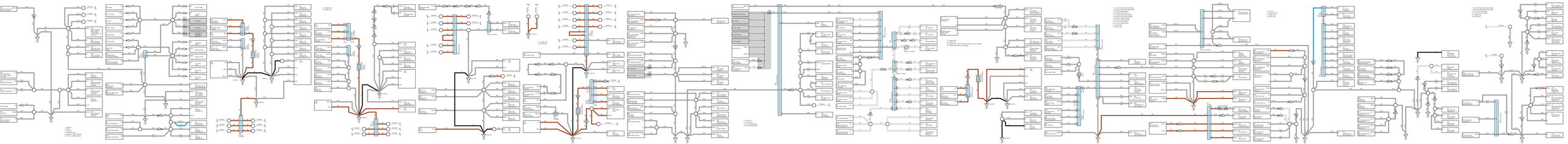
E83(A),E84(B) Short Connector

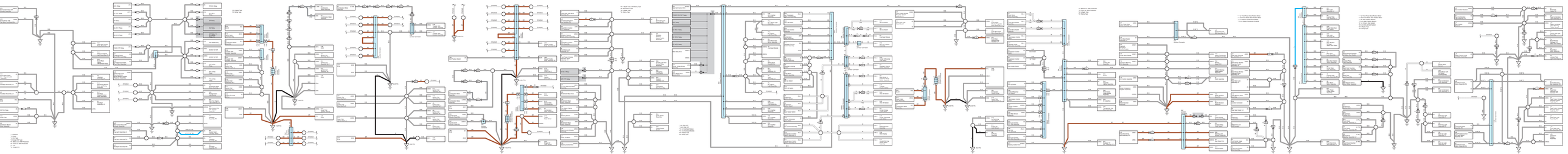
A22(A),(B) Windshield Wiper Motor Assembly

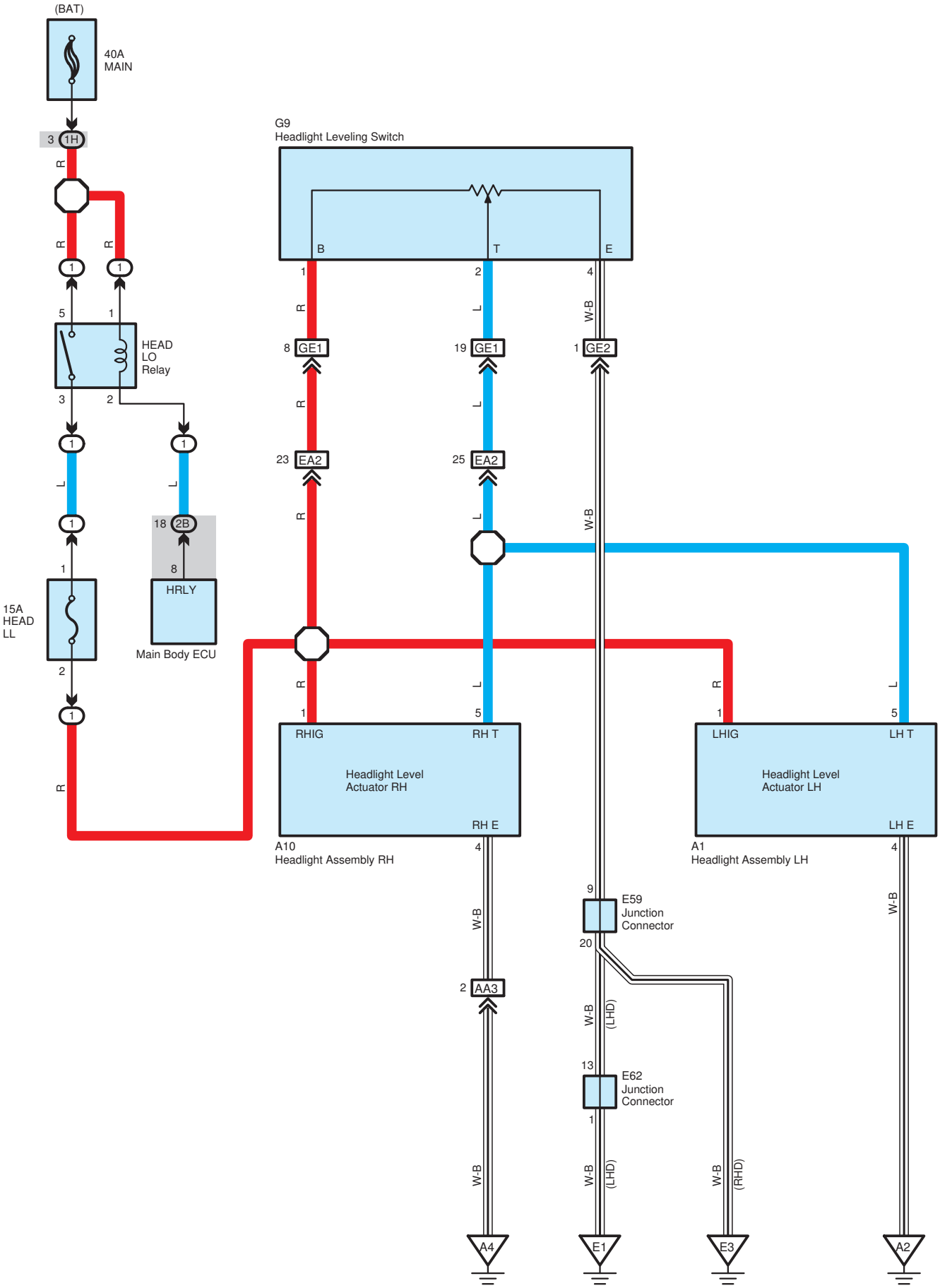
43 EA1 (LHD)
4 EA4 (RHD)
21 EA2 ------ 22 EA2 (LHD)
29 EA4 ------ 5 EA4 (RHD)

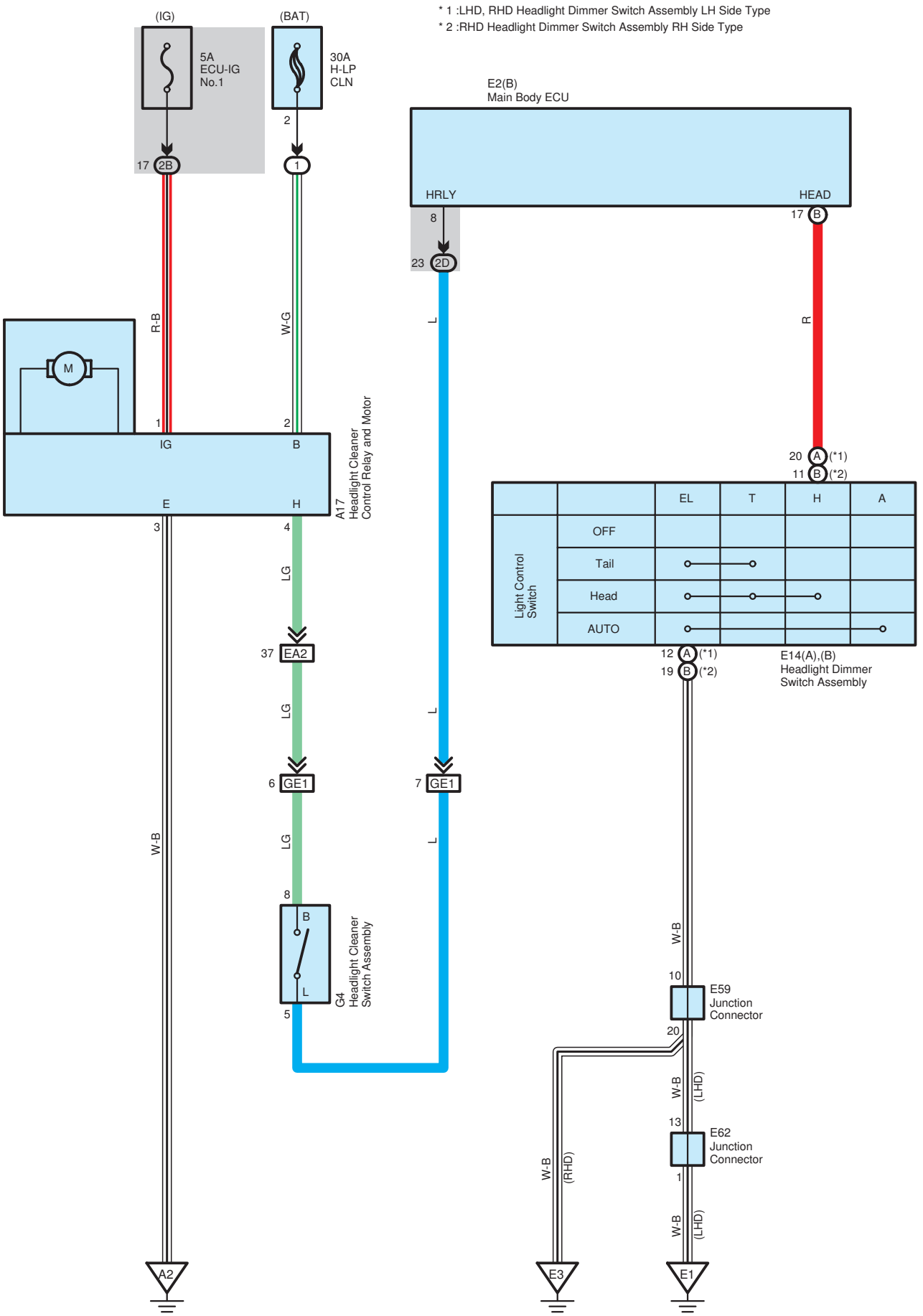
A3
A1
E1

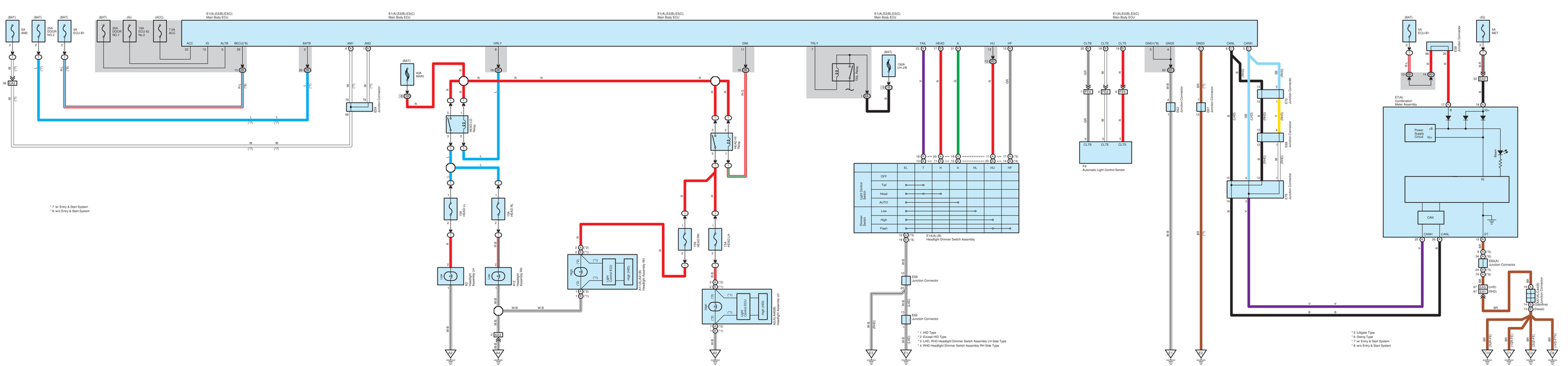
* 1 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 :RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 :w/ Short Connector
* 4 :w/o Short Connector

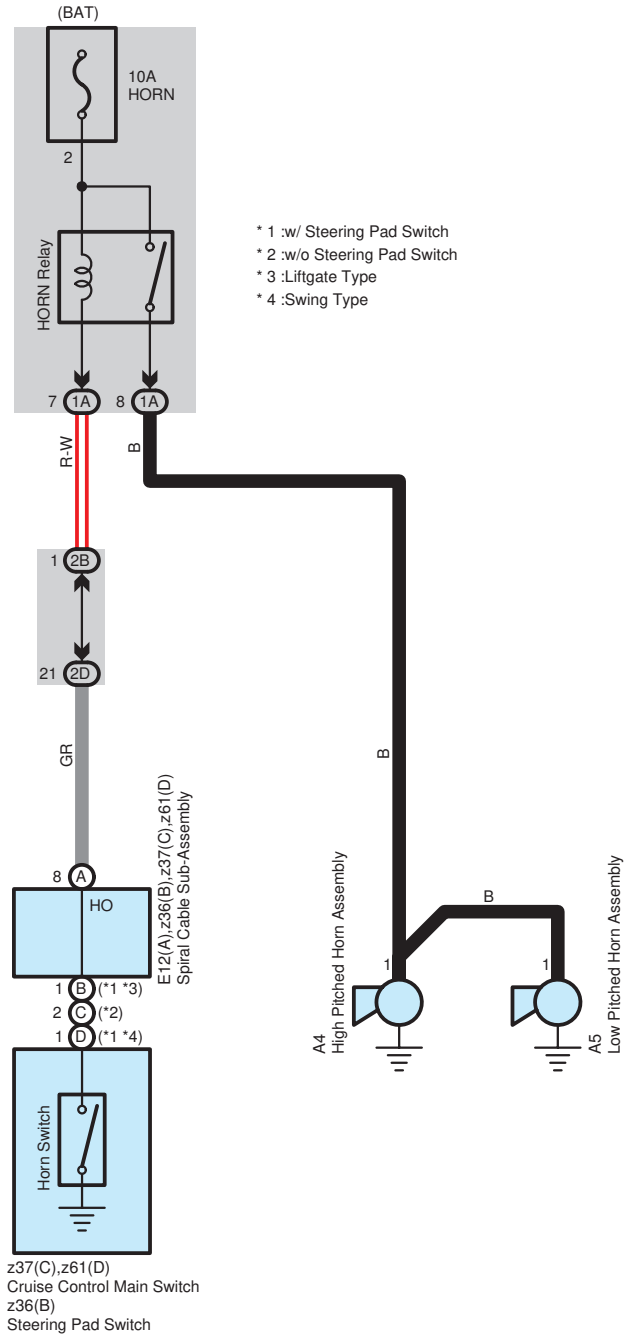




(BAT)
40A
MAIN
3
1H
R
R
R
1
1
5
1
HEAD
LO
Relay
3
2
1
1
L
L
1
18
2B
1
8
HRLY
15A
HEAD
LL
2
1
R
Main Body ECU
G9
Headlight Leveling Switch
B
T
E
1
2
4
R
L
W-B
8
GE1
19
GE1
1
GE2
R
L
23
EA2
25
EA2
R
L
W-B
R
L
1
5
RHIG
RH T
Headlight Level
Actuator RH
RH E
A10
Headlight Assembly RH
R
L
1
5
LHIG
LH T
Headlight Level
Actuator LH
LH E
A1
Headlight Assembly LH
4
4
W-B
W-B
9
E59
Junction
Connector
20
2
AA3
W-B
(LHD)
13
E62
Junction
Connector
1
W-B
W-B
(LHD)
W-B
(RHD)
A4
E1
E3
A2

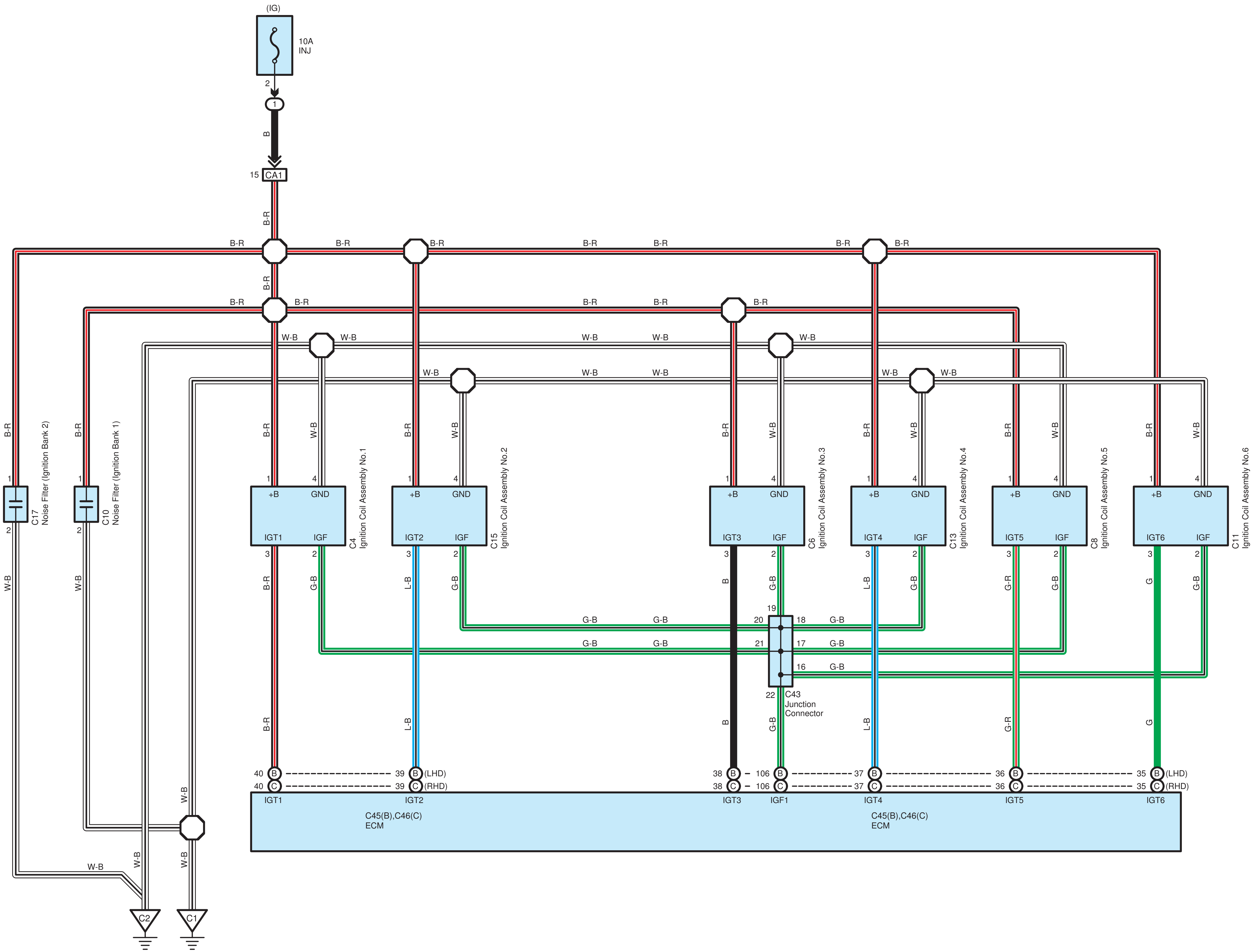

* 1 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 :RHD Headlight Dimmer Switch Assembly RH Side Type
(IG)
(BAT)
5A
ECU-IG
No.1
30A
H-LP
CLN
E2(B)
Main Body ECU
HRLY
HEAD
17 2B
1
2
8
23 2D
17 B
R-B
W-G
L
R
M
1
2
IG
B
E
H
A17
Headlight Cleaner
Control Relay and Motor
3
4
LG
37 EA2
LG
6 GE1
LG
8
B
L
5
G4
Headlight Cleaner
Switch Assembly
7 GE1
L
L
20 A (*1)
11 B (*2)
EL
T
H
A
Light Control
Switch
OFF
Tail
Head
AUTO
12 A (*1)
19 B (*2)
E14(A),(B)
Headlight Dimmer
Switch Assembly
W-B
10
E59
Junction
Connector
20
W-B
(LHD)
13
E62
Junction
Connector
1
W-B
(RHD)
W-B
(LHD)
A2
E3
E1


E1(A),E2(B),E3(C)
Main Body ECU
ACC
IG
ALTB
BECU(*8)
BATB
ABI
ABS
(BAT)
5A
AM2
25A
DOOR
NO.2
5A
ECU-B1
25A
DOOR
NO.1
10A
ECU-IG
No.2
(ACC)
7.5A
ACC
(IG)
HRLY
DIM
TRLY
Main Relay
40A
MAIN
HEAD LO
RELAY
HEAD HI
RELAY
LH
HEAD LL
RH
HEAD HL
LH
HEAD LH
RH
HEAD LH
A14
Headlight
Assembly LH
A15
Headlight
Assembly RH
Low
High
Light Control ECU
High (HID)
Auto Leveling
Headlight Assembly RH
Auto Leveling
Headlight Assembly LH
150A
LH-J/B
TAIL
HEAD
A
HU
HF
Light Control Switch
Dimmer Switch
OFF
Tail
Head
AUTO
Low
High
Flash
EL
T
H
A
HL
HU
HF
E14(A),(B)
Headlight Dimmer Switch Assembly
E59
Junction Connector
E62
Junction Connector
CLTB
CLTE
CLTS
F9
Automatic Light Control Sensor
GND1(*6)
GND2
GND3
J42
Junction Connector
E51
Junction Connector
CANL
CANH
E52
Junction Connector
E53
Junction Connector
E54
Junction Connector
E55
Junction Connector
E56
Junction Connector
E57
Junction Connector
E58
Junction Connector
ET(A)
Combination
Meter Assembly
Power
Supply
Circuit
+B
IG+
Reset
IG
CAN
CANH
CANL
ET
E60(A)
Junction Connector
E60(B)
Junction Connector
(HID)
(RHD)
(Gasoline)
(Diesel)
* 1: HID Type
* 2: Except HID Type
* 3: LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4: RHD Headlight Dimmer Switch Assembly RH Side Type
* 5: Liftgate Type
* 6: Swing Type
* 7: w/ Entry & Start System
* 8: w/o Entry & Start System


(BAT)
10A
HORN
2
HORN Relay
7
1A
8
1A
R-W
B
1
2B
21
2D
GR
B
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 :w/ Steering Pad Switch
* 2 :w/o Steering Pad Switch
* 3 :Liftgate Type
* 4 :Swing Type
B
B
1
1
A4
High Pitched Horn Assembly
A5
Low Pitched Horn Assembly



E1(A),E2(B),E3(C),E4(D)
Main Body ECU
(BAT)
5A AM2
25A DOOR NO.2
5A ECU-B1
25A DOOR NO.1
(IG)
10A ECU-IG No.2
(ACC)
7.5A ACC
ACC
IG
ALTB
BECU(*9)
BATB
AM1
AM2
GND1(*9)
GND2
GND3
SWIL
KSW
LSWD
LSWP
LSWL
LSWR
DCTY(LHD) PCTY(RHD)
LCTY
PCTY(LHD) DCTY(RHD)
RCTY
BCTY
ILE
E59 Junction Connector
E62 Junction Connector
E67 Junction Connector
E63 Junction Connector
E18 Engine Switch
E94 Un-Lock Warning Switch Assembly
I14(A),(B) Front Door Lock Assembly LH
I6(A),(B) Front Door Lock Assembly RH
J13(A),(B) Rear Door Lock Assembly LH
J6(A),(B) Rear Door Lock Assembly RH
Unlock Detection
5A DOME1
E58 Junction Connector
E61 Junction Connector
I16 Diode (Front Door Courtesy Switch LH)
J14 Diode (Rear Door Courtesy Switch LH)
I8 Diode (Front Door Courtesy Switch RH)
J7 Diode (Rear Door Courtesy Switch RH)
K15 No.2 Interior Illumination Light Assembly
K2 Front Door Courtesy Light Switch Assembly LH
I13 Front Door Courtesy Light Assembly LH
K3 Rear Door Courtesy Light Switch Assembly LH
J12 Rear Door Courtesy Light Assembly LH
L1 Front Door Courtesy Light Switch Assembly RH
L32 No.1 Interior Illumination Light Assembly RH
I5 Front Door Courtesy Light Assembly RH
L2 Rear Door Courtesy Light Switch Assembly RH
J5 Rear Door Courtesy Light Assembly RH
S1 Back Door Lock Assembly
W3 Back Door Courtesy Light Switch Assembly
S16 Junction Connector
S15 Junction Connector
7.5A DOME2
R15 No.3 Room Light Assembly
R13 No.1 Room Light Assembly
R3 Visor Assembly RH
R1 Visor Assembly LH
R6 No.3 Room Light Assembly
R7 Overhead Module
Map Light Dome Light
R10(B),R12(A) No.1 Room Light Assembly
R4 No.2 Room Light Assembly
R9 No.2 Room Light Assembly
R8 No.2 Room Light Assembly
E62 Junction Connector
* 8 :w/ Entry & Start System
* 9 :w/o Entry & Start System
* 5 :w/ Double Locking
* 6 :w/o Double Locking
* 9 :w/o Entry & Start System
* 1 :w/ Overhead Module
* 2 :w/o Overhead Module
* 8 :w/ Entry & Start System
* 9 :w/o Entry & Start System
*10 :Liftgate Type
*11 :Swing Type
*12 :w/ Vanity Light
* 1 :w/ Overhead Module
* 2 :w/o Overhead Module
* 3 :w/ Overhead Module w/ Sliding Roof w/o Rear Seat Entertainment System
* 4 :w/ Overhead Module w/o Sliding Roof
* 7 :w/ Overhead Module w/ Sliding Roof w/ Rear Seat Entertainment System
*10 :Liftgate Type
*11 :Swing Type



(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
Ignition Coil Assembly No.3
C13
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
L-B
G-B
G-R
G
19
20
21
22
18
17
16
C43
Junction
Connector
40
39
38
106
37
36
35
(LHD)
(RHD)
IGF1
C45(B),C46(C)
ECM
C2
C1

(IG)

10A
INJ

2

1

B

15 CA1

B-R

C17
Noise Filter
(Ignition Bank 2)

1

2

W-B

C5

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

+B
GND
IGT1
IGF1
IGT4
IGT6
IGT7
IGT2
IGF2
IGT3
IGT5
IGT8

1
2
3
4

B-Y
G-B
L-B
G
G-W
L-Y
R
B
G-R

C43
Junction
Connector

18
19
20
21
22
7
8
9
10
11

40 B
40 C
38 B
38 C
104 B
104 C
36 B
36 C
34 B (LHD)
34 C (RHD)
33 B
33 C
37 B
37 C
105 B
105 C
35 B
35 C
39 B (LHD)
39 C (RHD)

C45(B),C46(C)
ECM

C10
Noise Filter
(Ignition Bank 1)

C4

(IG)

10A
INJ

2

1

B

15 CA1

B-R

B-R B-R B-R B-R B-R B-R B-R

B-R B-R B-R B-R B-R B-R

W-B W-B W-B W-B W-B W-B

W-B W-B W-B W-B W-B

C17
Noise Filter
(Ignition Bank 2)

C4
Ignition Coil Assembly No.1

C13
Ignition Coil Assembly No.4

C11
Ignition Coil Assembly No.6

C51
Ignition Coil Assembly No.7

C15
Ignition Coil Assembly No.2

C6
Ignition Coil Assembly No.3

C8
Ignition Coil Assembly No.5

C53
Ignition Coil Assembly No.8

+B GND IGT1 IGF1

+B GND IGT4 IGF1

+B GND IGT6 IGF1

+B GND IGT7 IGF1

+B GND IGT2 IGF2

+B GND IGT3 IGF2

+B GND IGT5 IGF2

+B GND IGT8 IGF2

B-Y G-B

L-B G-B

G G-B

G-W G-B

L-B R

B R

G-R R

G-B R

C43
Junction
Connector

C43
Junction
Connector

G-B

R

40 IGT1

34 IGT4

104 IGF1

36 IGT6

38 IGT7

33 IGT2

37 IGT3

105 IGF2

35 IGT5

39 IGT8

C45(B)
ECM

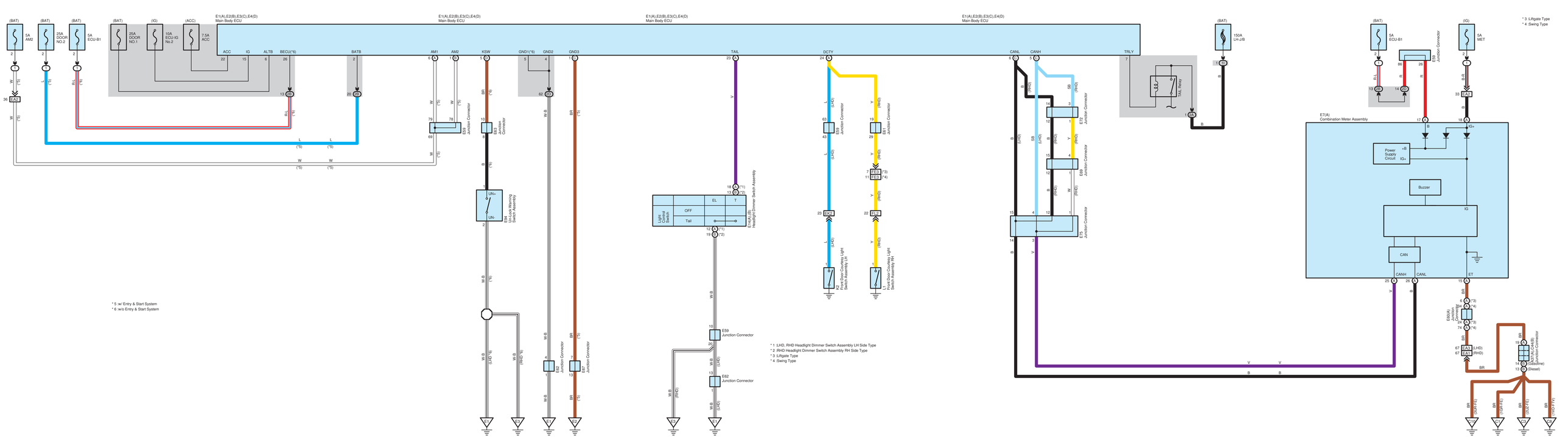
C45(B)
ECM

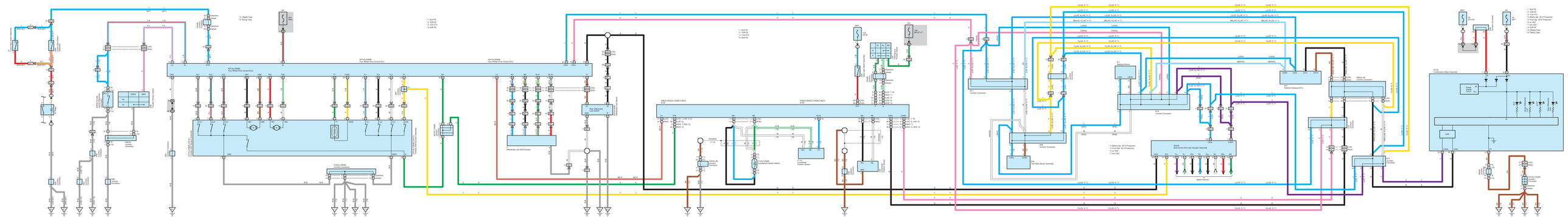
W-B W-B

C10
Noise Filter
(Ignition Bank 1)

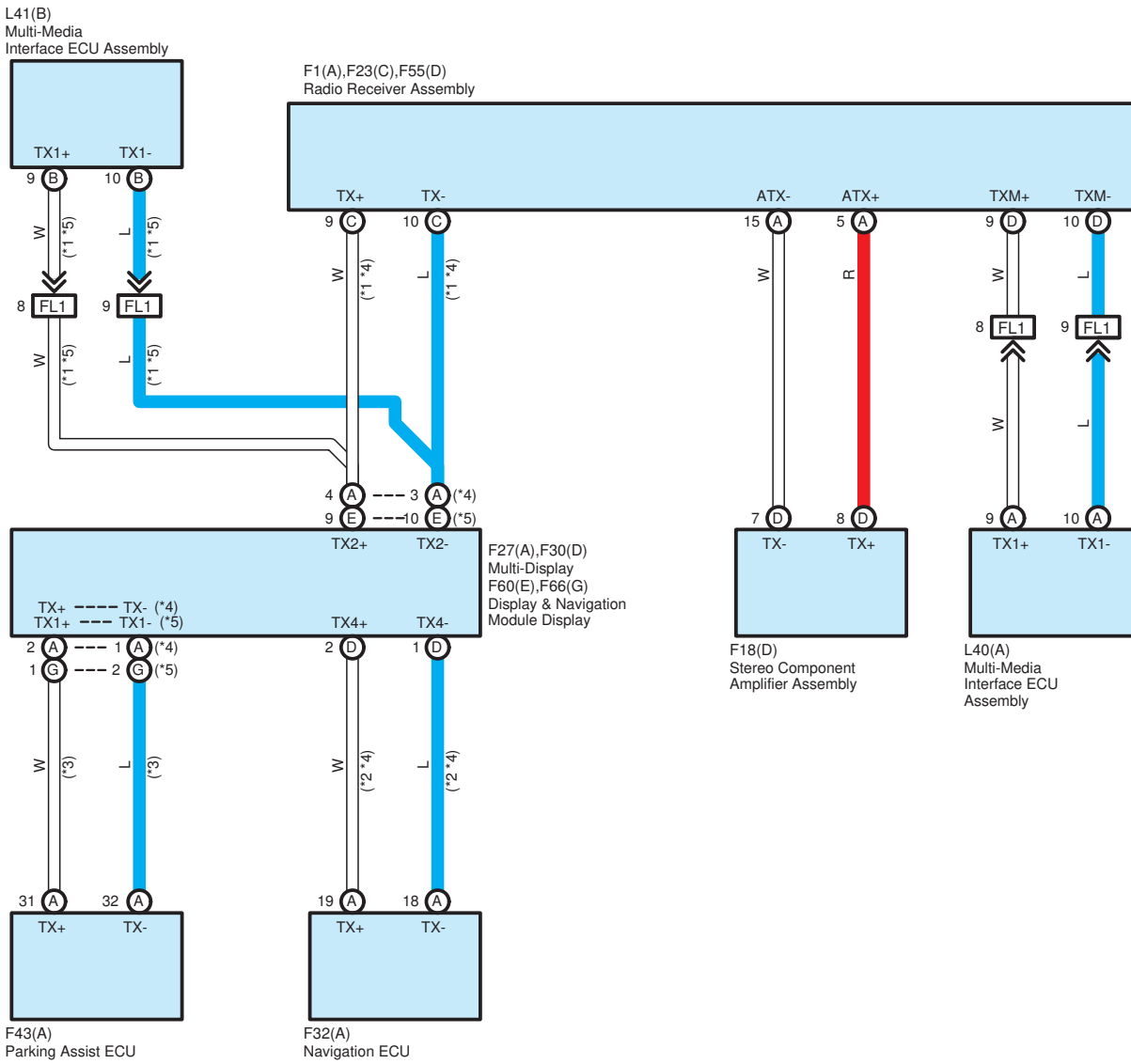
B-R


C11


(BAT)
5A AM2
(BAT)
25A DOOR NO.2
(BAT)
5A ECU-B1
(BAT)
25A DOOR NO.1
(IG)
10A ECU-IG No.2
(ACC)
7.5A ACC
E1(A),E2(B),E3(C),E4(D) Main Body ECU
ACC
IG
ALTB
BECU(*6)
BATB
AM1
AM3
KSW
GND1(*6)
GND2
GND3
TAS
DCTY
CANL
CANH
TRLY
(BAT)
150A LH-JB
TAIL Relay
E59 Junction Connector
E58 Junction Connector
E57 Junction Connector
E62 Junction Connector
E63 Junction Connector
E64 Junction Connector
E61 Junction Connector
E60 Junction Connector
E34 Door Lock Warning Switch Assembly
E14(A),(B) Headlight Dimmer Switch Assembly
Light Control Switch
OFF
Tail
EL
T
E2 Front Door Courtesy Light Switch Assembly LH
E1 Front Door Courtesy Light Switch Assembly RH
E73 Junction Connector
E72 Junction Connector
E71 Junction Connector
E75 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Buzzer
IG
CAN
CANH
CANL
ET
E60(A) Junction Connector
E39 Junction Connector
5A ECU-B1
5A MET
E4(A),(B) Junction Connector
(LHD)
(RHD)
(Gasoline)
(Diesel)
(3UR-FE)
(1GR-FE)
(2UZ-FE)
(1VD-FTV)
* 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
* 5 :w/ Entry & Start System
* 6 :w/o Entry & Start System

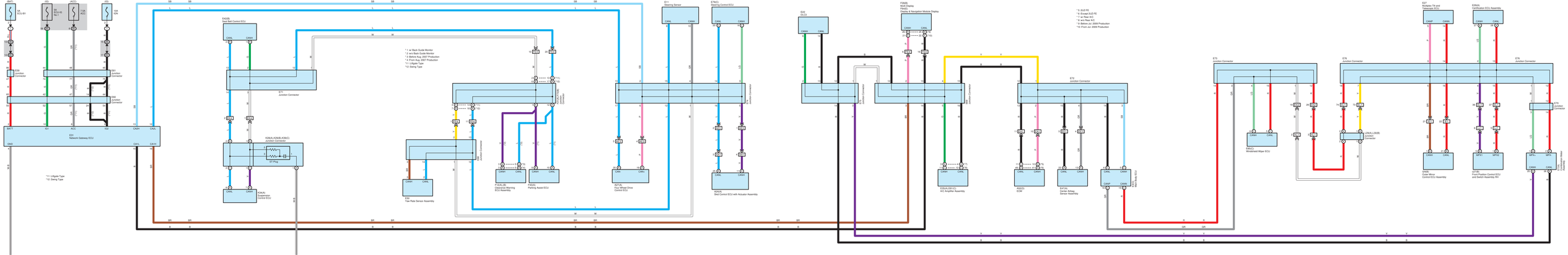


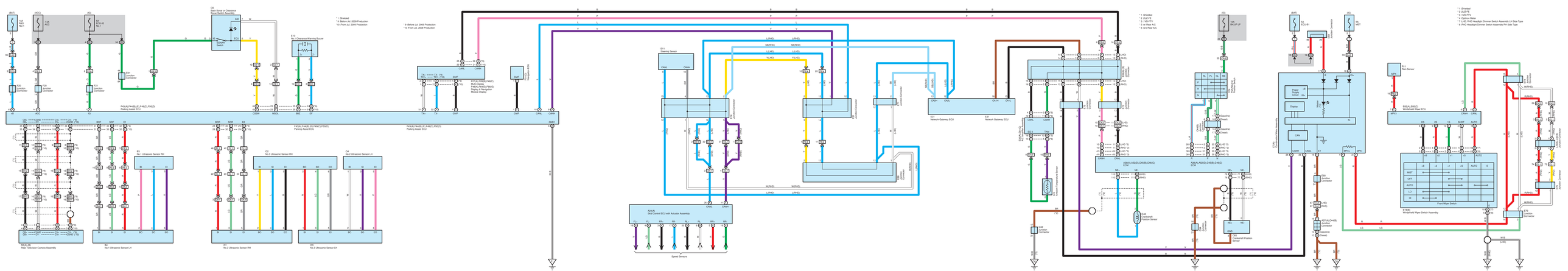
* 1 :w/ Multi-Display
* 2 :w/ Navigation System
* 3 :w/ Back Guide Monitor
* 4 :Before Jul. 2009 Production
* 5 :From Jul. 2009 Production




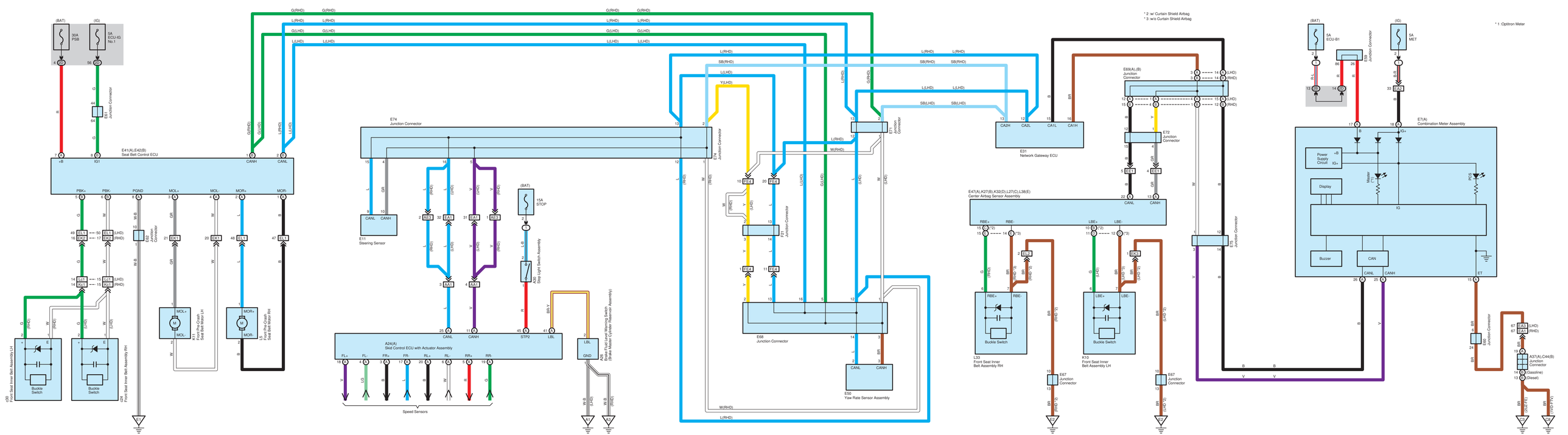
* 1 :Before Apr. 2010 Production
* 2 :From Apr. 2010 Production
* 3 :w/ VSC
* 4 :w/o VSC
*15 :Liftgate Type
*16 :Swing Type
* 1 :Before Apr. 2010 Production
* 2 :From Apr. 2010 Production
* 3 :w/ VSC
* 4 :w/o VSC
* 5 :w/ Back Guide Monitor
* 6 :w/o Back Guide Monitor
* 7 :Before Aug. 2007 Production
* 8 :From Aug. 2007 Production
*15 :Liftgate Type
*16 :Swing Type
* 1 :Before Apr. 2010 Production
* 2 :From Apr. 2010 Production
* 3 :w/ VSC
* 4 :w/o VSC
* 9 :Before Jul. 2009 Production
*10 :From Jul. 2009 Production
*11 :w/ Rear A/C
*12 :w/o Rear A/C
*13 :2UZ-FE,3UR-FE
*14 :Except *13

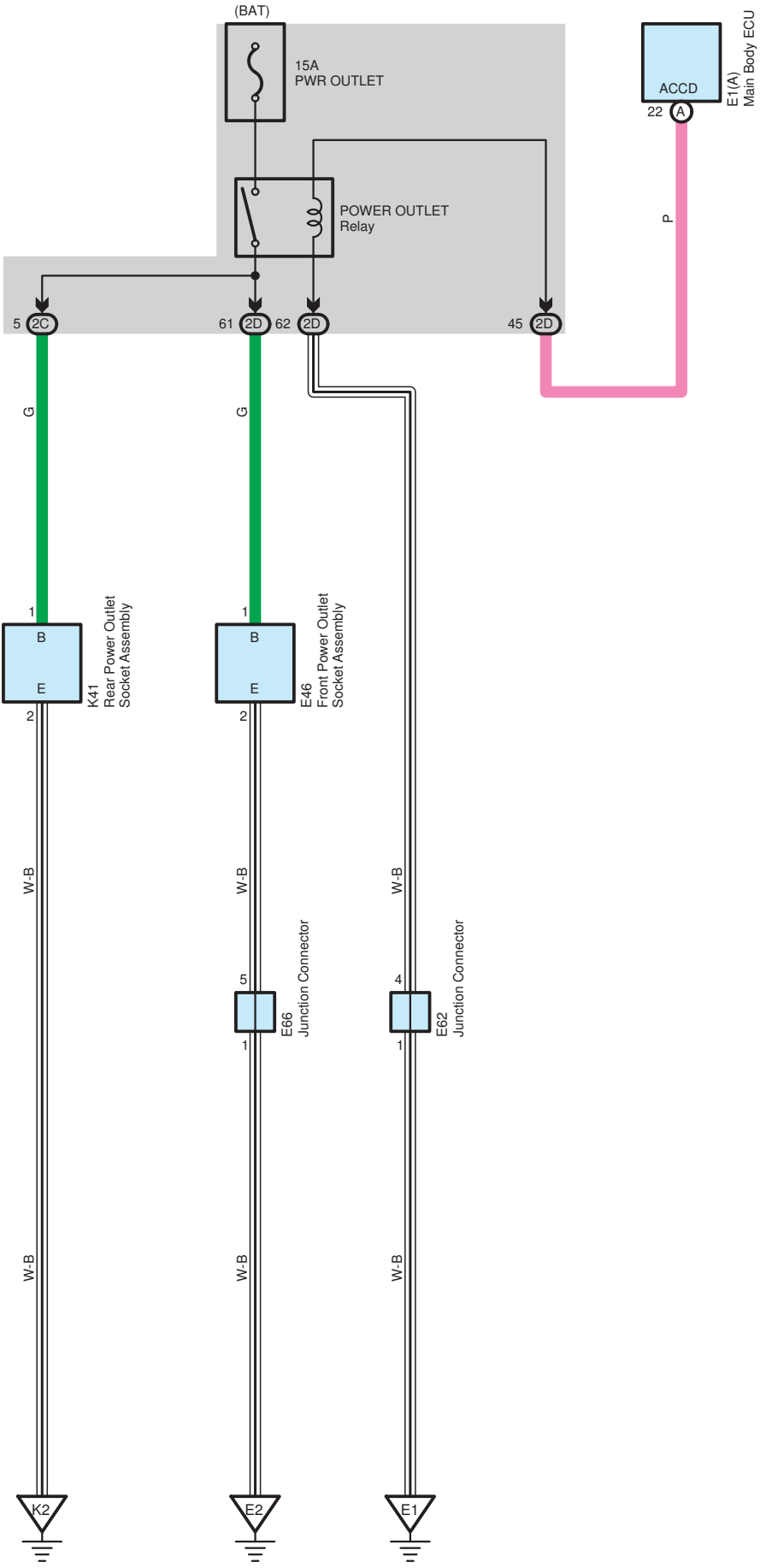

+BATT
10A ECU-B1
IGN
10A ECU-IG No.1
ACC
ECA ACC
IGN
10A IGN
E56 Junction Connector
E54 Junction Connector
E55 Junction Connector
BATT
IG1
ACC
IG2
CANH
CANL
E21 Network Gateway ECU
GND
*11: Liftgate Type
*12: Swing Type
E43(B) Seat Belt Control ECU
CANL
CANH
E71 Junction Connector
K26(A),K26(B),K26(C) Junction Connector
ST Plug
K26(A) Suspension Control ECU
*1: w/ Back Guide Monitor
*2: w/ Front Fog Light
*3: Before Aug. 2007 Production
*4: From Aug. 2007 Production
*11: Liftgate Type
*12: Swing Type
E58 Yaw Rate Sensor Assembly
F19(A),(B) Clearance Warning ECU Assembly
F45(A) Parking Assist ECU
E11 Steering Sensor
A27(A) Four Wheel Drive Control ECU
E78(C) Steering Control ECU
A29(A) Skid Control ECU with Actuator Assembly
E22 DLC3
F26(B) Multi-Display Screen Display & Navigation Module Display
E35(A),E81(C) A/C Amplifier Assembly
E72 Junction Connector
A52(D) ECM
E47(A) Yaw Rate & Airbag Sensor Assembly
*5: 2UZ-FE
*6: 4cmpt 3UZ-FE
*7: w/ Rear A/C
*8: w/o Rear A/C
*9: Before Jul. 2009 Production
*10: From Jul. 2009 Production
E73 Junction Connector
K49(C) Windshield Wiper ECU
E74 Junction Connector
L29(A),L30(B) Junction Connector
E27 Multiplex TX and Receiver ECU
CANP
CANH
CANL
D14(B) Driver Side Mirror Control ECU Assembly
E29(A) Combination ECU Assembly
H21(B) Front Position Control ECU and Switch Assembly RH
E75 Junction Connector
A70 Steering Lock Motor Connector
MPX+
MPX-
Data Link Connector 3
E76 Junction Connector

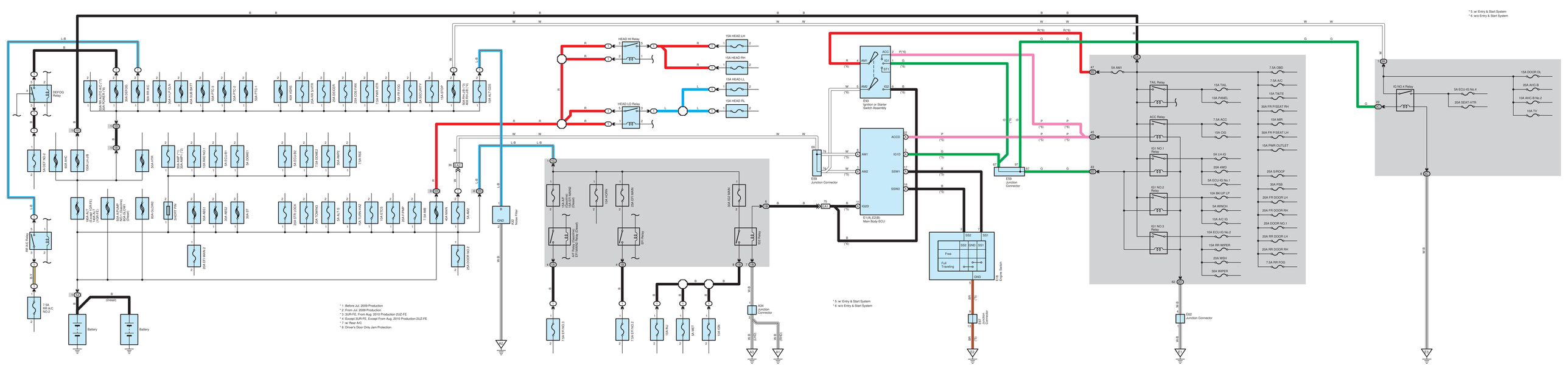

(BAT)
(ACC)
(IG)
10A
AM2
NO.1
7.5A
ACC
20A
ECU-IG
No.1
G5
Back Sonar or Clearance
Warning Switch Assembly
IND
ECU
Back Sonar or Clearance Warning Switch
E10
Back Clearance Warning Buzzer
*1 : Shielded
*8 Before Jul. 2009 Production
*10 From Jul. 2009 Production
E11
Steering Sensor
CANH
CANL
E31
Network Gateway ECU
GW-H
GW-L
E21
Multi-Display
F45(RL/F45B)(F46(F/F46B)(F46(R/F46B)(F56(D)
Navigation Module Display
GVIF
Navigation ECU
A24(A)
Skid Control ECU with Actuator Assembly
Speed Sensors
F45(RL/F45B)(F46(F/F46B)(F56(D)
Parking Assist ECU
R3
No.1 Ultrasonic Sensor RH
R4
No.1 Ultrasonic Sensor LH
O2
No.2 Ultrasonic Sensor RH
O4
No.2 Ultrasonic Sensor LH
O1
No.3 Ultrasonic Sensor RH
O3
No.3 Ultrasonic Sensor LH
E5(A),(B)
Rear Television Camera Assembly
*1 : Shielded
*2 : 2UZ-FE
*3 : 1VD-FTV
*5 : w/ Rear A/C
*6 : w/o Rear A/C
(IG)
10A
SIC-LP 2*
A39(A),A52(D),C45(B),C46(C)
ECM
Cable Reel Clockspring Assembly
C45
Crankshaft Position Sensor
C46
Camshaft Position Sensor
C42
Junction Connector
(BAT)
1G
ECU-B1
(IG)
5A
MET
*1 : Shielded
*2 : 2UZ-FE
*3 : 1VD-FTV
*4 : Optron Mirror
*7 : RHD: Headlight Dimmer Switch Assembly LH Side Type
*8 : LHD: Headlight Dimmer Switch Assembly RH Side Type
R11
Rain Sensor
E6(A),(B)(C)
Windshield Wiper ECU
E59
Junction Connector
E70
Junction Connector
R10(B)
Windshield Wiper Switch Assembly
Front Wiper Switch
E70
Junction Connector
E59
Junction Connector
A37(A),C44(B)
Junction Connector
C43
Clockspring
(Clockwise)
(Downer)

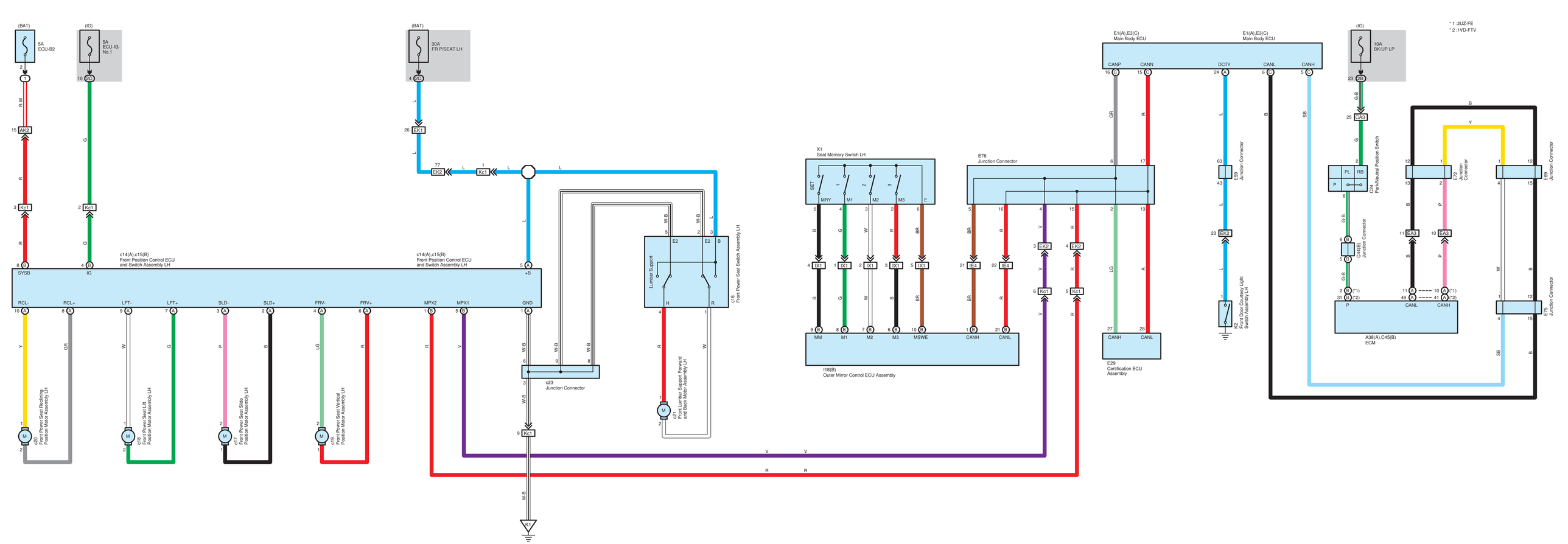


*10 :Before Aug. 2007 Production
*11 :From Aug. 2007 Production
* 1 :2UZ-FE
* 2 :Except 2UZ-FE
* 3 :1GR-FE
* 4 :1VD-FTV
* 5 :Optitron Meter
* 6 :w/ Rear A/C
* 7 :w/o Rear A/C
*12 :Before Jul. 2009 Production
*13 :From Jul. 2009 Production
*14 :3UR-FE
* 8 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 9 :RHD Headlight Dimmer Switch Assembly RH Side Type
F12(A),(B) Clearance Warning ECU Assembly
E10 No.1 Clearance Warning Buzzer
B3 No.1 Ultrasonic Sensor RH
B4 No.1 Ultrasonic Sensor LH
O2 No.2 Ultrasonic Sensor RH
O3 No.2 Ultrasonic Sensor LH
O4 No.2 Ultrasonic Sensor LH
A24(A) Skid Control ECU with Actuator Assembly
Speed Sensors
E31 Network Gateway ECU
F29(B) Multi-Display
A38(A),A52(D),C45(B),C46(C) ECM
C1(A),C48(B) Crankshaft Position Sensor
C114 Crankshaft Position Sensor
C85 Crankshaft Position Sensor
E74 Combination Meter Assembly
R11 Rain Sensor
E6(A),E35(C) Windshield Wiper ECU
E16(B) Windshield Wiper Switch Assembly
Front Wiper Switch
E70 Junction Connector


* 2 :w/ Curtain Shield Airbag
* 3 :w/o Curtain Shield Airbag
* 1 :Optitron Meter
(BAT)
(IG)
30A PSB
5A ECU-IG No.1
E41(A),E42(B) Seat Belt Control ECU
+B
IG1
CANH
CANL
PBK+
PBK-
PGND
MOL+
MOL-
MOR+
MOR-
E74 Junction Connector
E11 Steering Sensor
CANL
CANH
E74 Junction Connector
E71 Junction Connector
E68 Junction Connector
E50 Yaw Rate Sensor Assembly
15A STOP
A30 Stop Light Switch Assembly
A24(A) Skid Control ECU with Actuator Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Speed Sensors
STP2
LBL
GND
ABS Warning Switch (Brake Master Cylinder Reservoir Assembly)
E31 Network Gateway ECU
CAN2H
CAN2L
CAN1L
CAN1H
E69(A),(B) Junction Connector
E72 Junction Connector
E73 Junction Connector
E47(A),K27(B),K32(D),L27(C),L38(E) Center Airbag Sensor Assembly
RBE+
RBE-
LBE+
LBE-
L33 Front Seat Inner Belt Assembly RH
K10 Front Seat Inner Belt Assembly LH
Buckle Switch
E67 Junction Connector
E39 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
Display
Master Warning
PCS
Buzzer
CAN
ET
A37(A),C44(B) Junction Connector
(Gasoline)
(Diesel)
C30 Front Seat Inner Belt Assembly LH
C24 Front Seat Inner Belt Assembly RH
K11 Front Pre-Crash Seat Belt Motor LH
L5 Front Pre-Crash Seat Belt Motor RH
E52 Junction Connector
E60 Junction Connector
E1
E2
E3
A1
A2
C1
C2
C3


(BAT)
15A
PWR OUTLET
POWER OUTLET
Relay
ACCD
22
A
E1(A)
Main Body ECU
P
5
2C
61
2D
62
2D
45
2D
G
G
1
B
E
2
K41
Rear Power Outlet
Socket Assembly
1
B
E
2
E46
Front Power Outlet
Socket Assembly
W-B
W-B
W-B
5
1
E66
Junction Connector
4
1
E62
Junction Connector
W-B
W-B
W-B
K2
E2
E1


DEFOG Relay
50A RR A/C
30A HTR
50A MAIN
40A ECB
30A ABS
50A PTC1
50A PTC2
40A HTR
20A RR SHTR
20A DEICER
30A CANC FAN
7.5A PARK HTR
10A HTR IGN
50A ELR STOP
50A Rho-LIB [*3] 60A Rho-LIB [*4]
10A ALT IGN
7.5A RSE
7.5A HTR
7.5A ECU-B2
7.5A DOOR2
30A AM2
5A ECU-B1
5A DOOR1
30A AM1 [*1] 50A AM1 [*2]
50A PANO
5A ECU-B
5A DOOR
5A ABS1
5A ABS2
30A ST
20A STR LOCK
20A TOWING
5A ALT-S
10A TURN HAZ
10A ETCS
20A J/PMP
7.5A AM3
40A MAIN
5A AM3
20A DOOR HOLD
20A EFI MAIN
7.5A RR A/C NO.2
7.5A EFI NO.3
7.5A EFI NO.2
10A INJ
5A MET
10A IGN
Battery
Battery
(Diesel)
Noise Filter
HEAD HI Relay
HEAD LO Relay
15A HEAD LH
15A HEAD RH
15A HEAD LL
15A HEAD RL
Starter Relay (Gasoline) Glow Relay (Diesel)
10A HORN
EFI Relay
ST Relay (Gasoline) A/T Neutral Start Relay (Diesel)
A/C Relay
A34 Junction Connector
E93 Ignition or Starter Switch Assembly
E59 Junction Connector
E7(A),E(B) Main Body ECU
E58 Junction Connector
Free
Full Traveling
SS2
GND
SS1
Engine Switch
J3 Junction Connector
TAIL Relay
ACC Relay
IG1 NO.1 Relay
IG1 NO.2 Relay
IG1 NO.3 Relay
IG NO.4 Relay
5A AM1
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 TAIL
30A FR P/SEAT RH
15A MIR
30A FR P/SEAT LH
15A PWR OUTLET
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
5A ECU-IG No.4
20A SEAT-HTR
15A DOOR DL
20A AHC-B
10A AHC-B No.2
10A TV
E62 Junction Connector
* 1: Before Jul. 2009 Production
* 2: From Jul. 2009 Production
* 3: 3UR-FE, From Aug. 2010 Production 2UZ-FE
* 4: Except 3UR-FE, Except From Aug. 2010 Production 2UZ-FE
* 7: w/ Rear A/C
* 8: Driver's Door Only Jam Protection
* 5: w/ Entry & Start System
* 6: w/o Entry & Start System
* 5: w/ Entry & Start System
* 6: w/o Entry & Start System


(BAT)
5A
ECU-B2
(IG)
5A
ECU-IG
No.1
(BAT)
30A
FR P/SEAT LH
* 1 :2UZ-FE
* 2 :1VD-FTV
E1(A),E3(C)
Main Body ECU
E1(A),E3(C)
Main Body ECU
(IG)
10A
BK/UP LP
c14(A),c15(B)
Front Position Control ECU
and Switch Assembly LH
SYSB
IG
+B
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
MPX2
MPX1
GND
c20
Front Power Seat Reclining
Position Motor Assembly LH
c18
Front Power Seat Lift
Position Motor Assembly LH
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH
c23
Junction Connector
Lumbar Support
c16
Front Power Seat Switch Assembly LH
c21
Front Lumbar Support Forward
and Back Motor Assembly LH
X1
Seat Memory Switch LH
SET
MRY
M1
M2
M3
E
MM
M1
M2
M3
MSWE
CANH
CANL
I18(B)
Outer Mirror Control ECU Assembly
E76
Junction Connector
CANP
CANN
DCTY
CANL
CANH
E29
Certification ECU
Assembly
E58
Junction Connector
Front Door Courtesy Light
Switch Assembly LH
C244
Park/Neutral Position Switch
C44(B)
Junction Connector
A38(A),C45(B)
ECM
CANL
CANH
E72
Junction
Connector
E69
Junction Connector
E75
Junction Connector

* 1 :Lumbar Support Only
* 2 :Except *1

(BAT)

30A
FR P/SEAT
LH

4 2C

L

26 EK1

L

77 EK2

L

1 Kc1

L (*2)

L (*2)

L (*2)

1

c25
Front Power Seat Switch Assembly LH

+B

Rear
Reclining
Front

Down
Lift
Up

Rear
Slide
Front

Down
Front
Vertical
Up

RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
GND

2 Y (*2)
3 GR (*2)
8 W (*2)
7 G (*2)
6 P (*2)
9 B (*2)
5 LG (*2)
10 R (*2)
4 W-B (*2)

1 M 2
c20
Front Power Seat Reclining
Position Motor Assembly LH

1 M 2
c18
Front Power Seat Lift
Position Motor Assembly LH

2 M 1
c17
Front Power Seat Slide
Position Motor Assembly LH

2 M 1
c19
Front Power Seat Vertical
Position Motor Assembly LH

W-B (*1)
W-B (*2)
W-B (*2)
W-B (*2)
W-B (*1)

5
2
3

E2
E2
B

Lumbar
Support

H
R

c16
Front Power Seat
Switch Assembly LH

4 R
1 W

1 M 2
c21
Front Lumbar Support Forward
and Back Motor Assembly LH

6
9
8
3

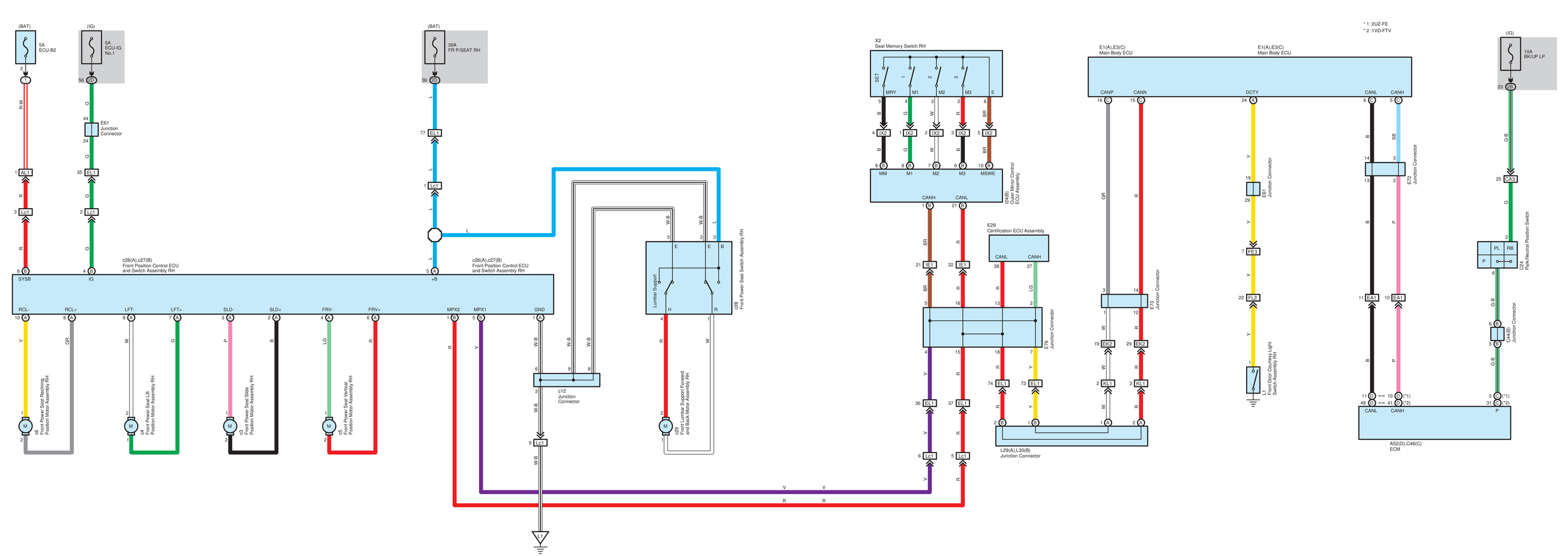
c23
Junction
Connector

W-B (*2)
W-B (*2)
W-B (*2)
W-B (*2)
W-B (*1)

9 Kc1

W-B

K1


(BAT)
5A
ECU-B2
(IG)
5A
ECU-IG
No.1
(BAT)
30A
FR P/SEAT RH
R-W
E61
Junction
Connector
c26(A),c27(B)
Front Position Control ECU
and Switch Assembly RH
SYSB
IG
+B
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
MPX2
MPX1
GND
p6
Front Power Seat Reclining
Position Motor Assembly RH
c4
Front Power Seat Lift
Position Motor Assembly RH
c3
Front Power Seat Slide
Position Motor Assembly RH
p5
Front Power Seat Vertical
Position Motor Assembly RH
c12
Junction
Connector
Lumbar Support
c28
Front Power Seat Switch Assembly RH
c29
Front Lumbar Support Forward
and Back Motor Assembly RH
L1
X2
Seat Memory Switch RH
SET
MRY
M1
M2
M3
E
MM
MSWE
CANH
CANL
D4(B)
Outer Mirror Control
ECU Assembly
E29
Certification ECU Assembly
E76
Junction Connector
L29(A),L30(B)
Junction Connector
E1(A),E3(C)
Main Body ECU
CANP
CANN
DCTY
CANL
CANH
E73
Junction Connector
E61
Junction Connector
L1
Front Door Courtesy Light
Switch Assembly RH
E72
Junction Connector
A52(D),C46(C)
ECM
(IG)
10A
BK/UP LP
C24
Park/Neutral Position Switch
PL
RB
P
C46(B)
Junction Connector
* 1 :2UZ-FE
* 2 :1VD-FTV

* 1 :Lumbar Support Only
* 2 :Except *1

(BAT)

30A
FR P/SEAT
RH

36 2D

L

77 EL1

L

1 Lc1

L

L (*2)

L (*2)

L (*2)

L (*2)

1

+B

c2
Front Power Seat Switch Assembly RH

c2
Front Power Seat Switch Assembly RH

Rear
Reclining
Front

Down
Lift
Up

Rear
Slide
Front

Down
Front
Vertical
Up

RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
GND

2 3 7 8 6 9 10 5 4

Y (*2)
GR (*2)
W (*2)
G (*2)
P (*2)
B (*2)
LG (*2)
R (*2)
W-B (*2)

1 2 M c6 Front Power Seat Reclining Position Motor Assembly RH 2

2 1 M c4 Front Power Seat Lift Position Motor Assembly RH 1

1 2 M c3 Front Power Seat Slide Position Motor Assembly RH 2

1 2 M c5 Front Power Seat Vertical Position Motor Assembly RH 2

W-B (*1)
W-B (*2)
W-B (*2)
W-B (*1)

5 2 3

E E B

Lumbar
Support

H R

c28
Front Power Seat Switch Assembly RH

4 1

R
W

4 2 M c29 Front Lumbar Support Forward and Back Motor Assembly RH 1

W-B (*2)
W-B (*2)
W-B (*2)

6 9 8

3

c12
Junction
Connector

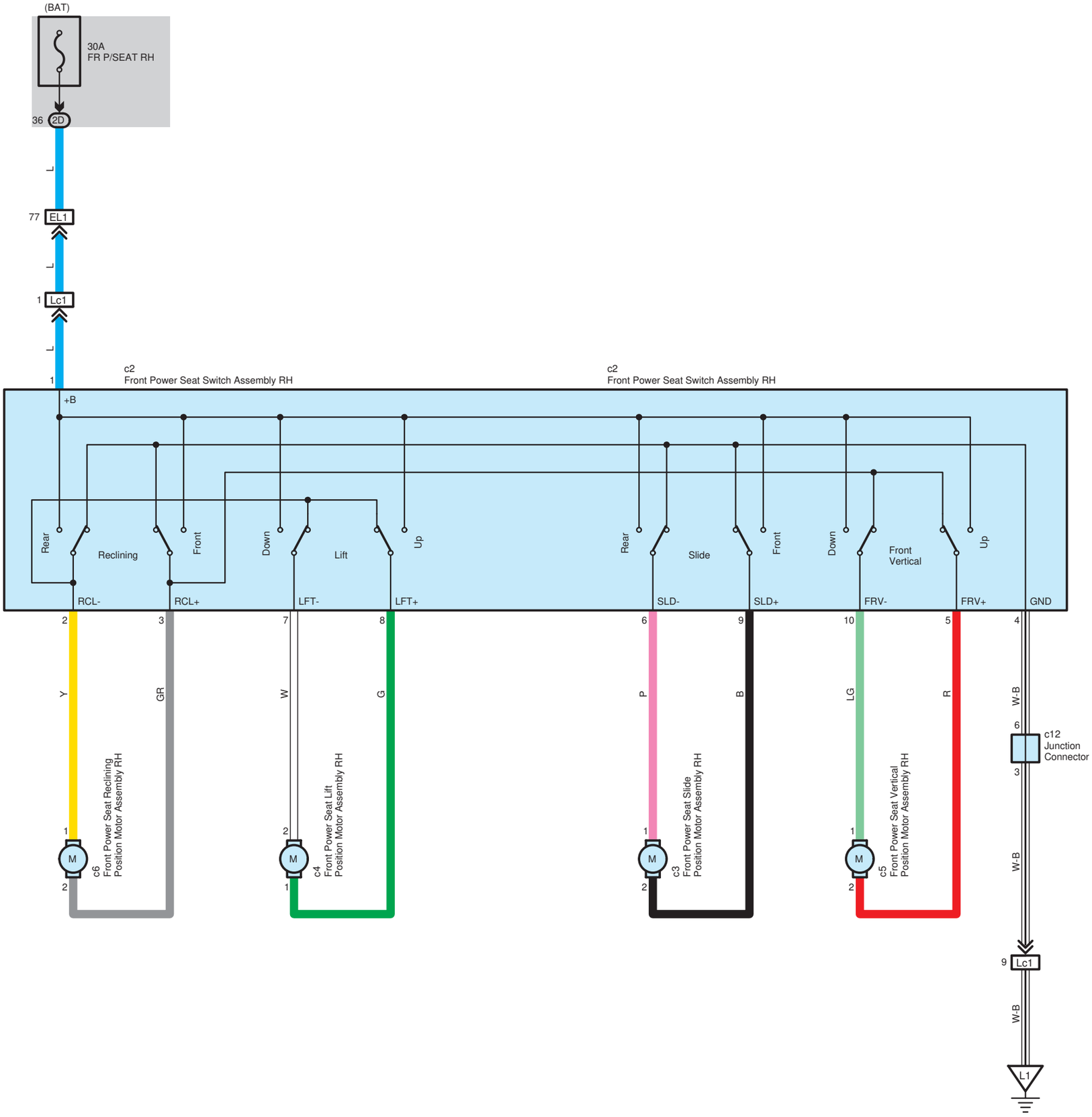
W-B (*2)

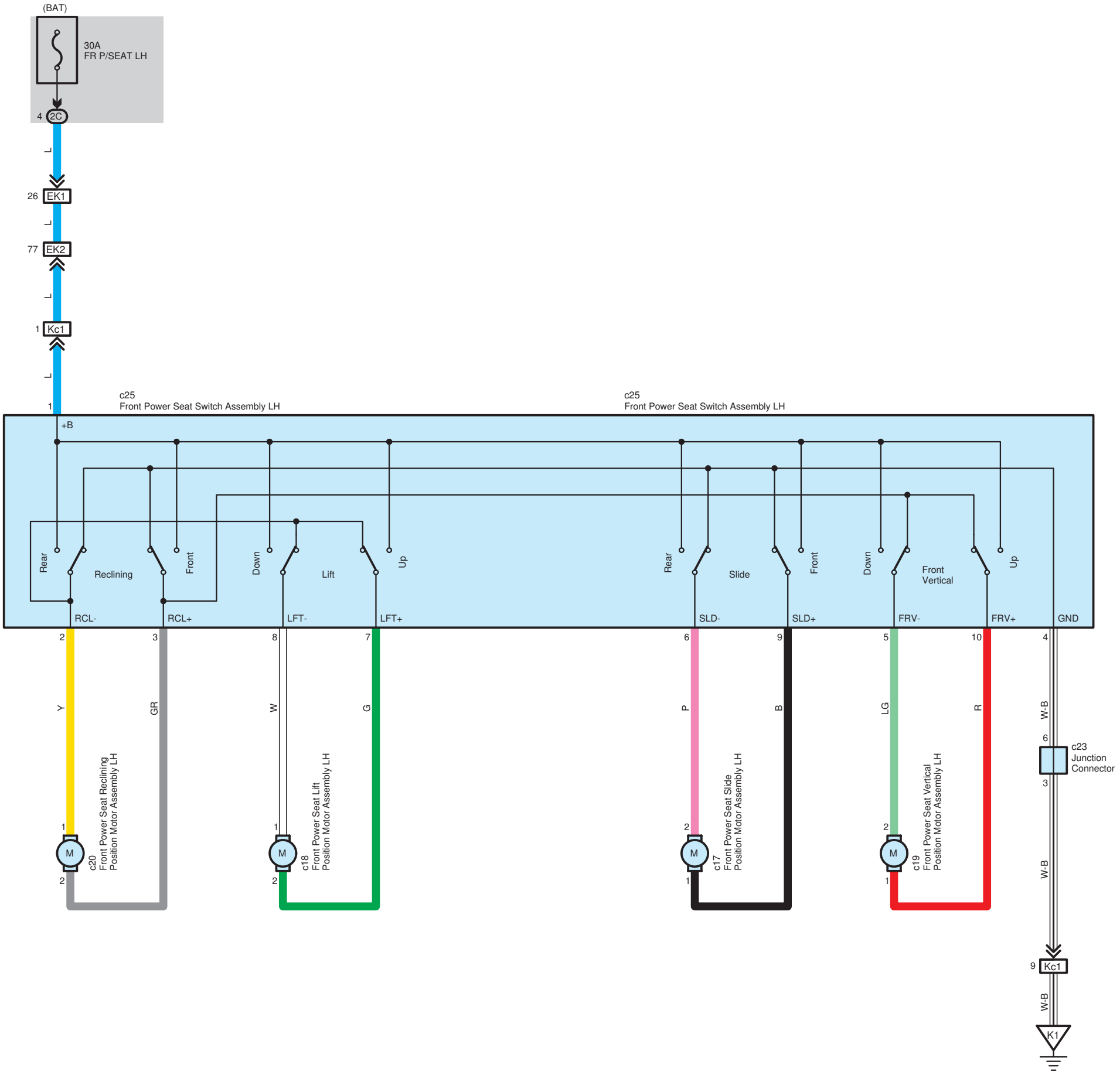
W-B (*1)

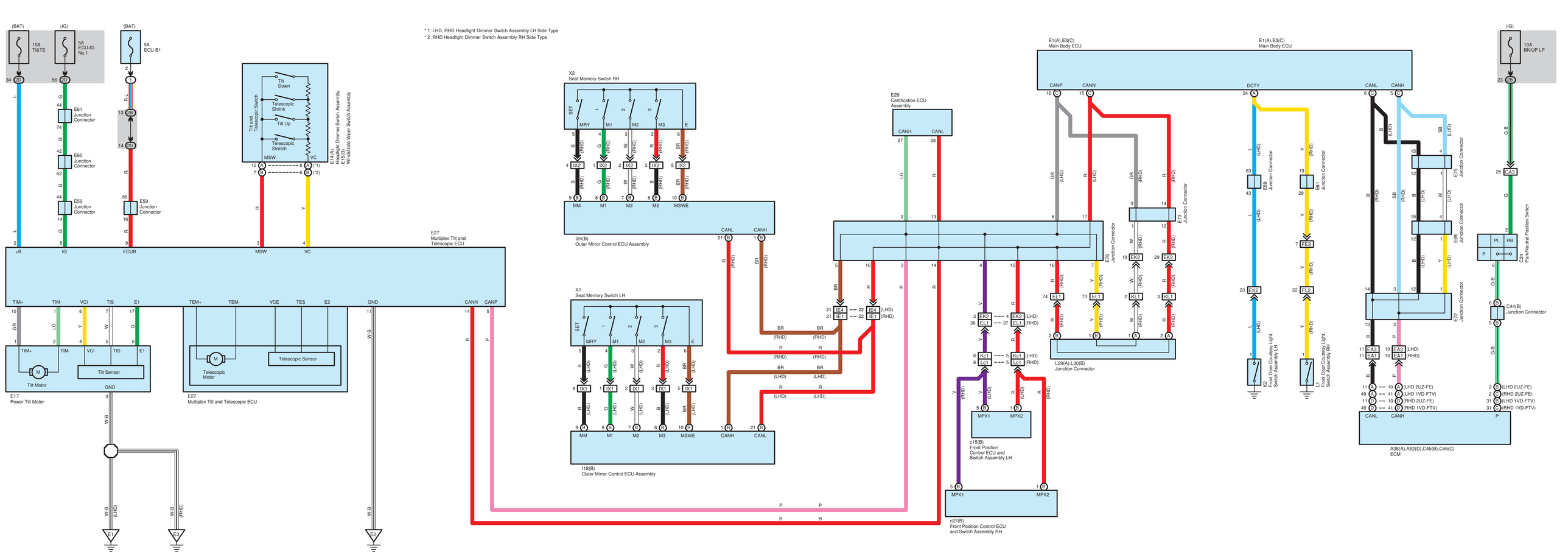
9 Lc1

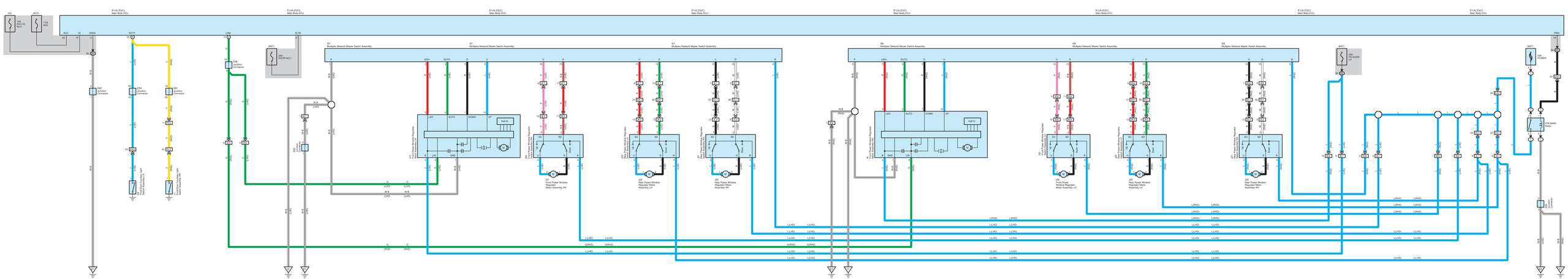
W-B

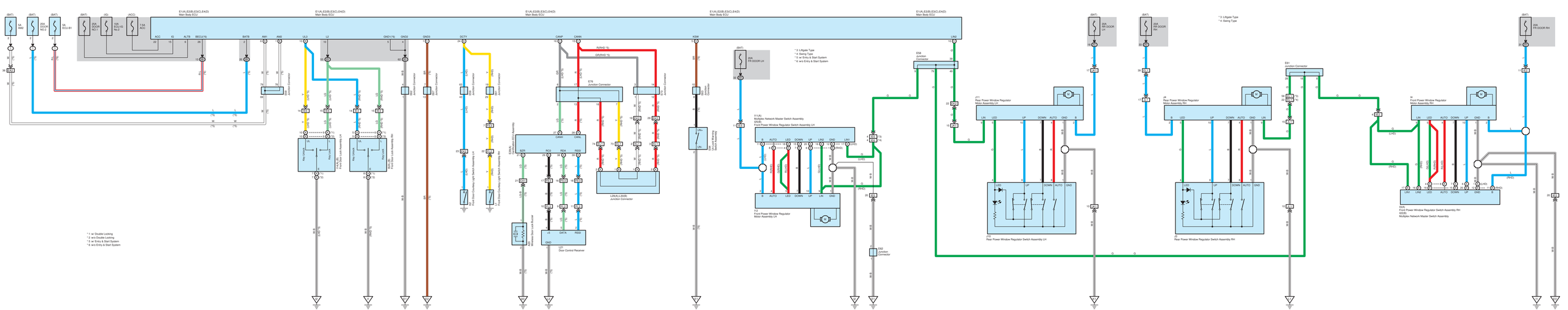
L1

(BAT)
30A
FR P/SEAT RH
36 2D
L
77 EL1
L
1 Lc1
L
1
c2
Front Power Seat Switch Assembly RH
c2
Front Power Seat Switch Assembly RH
+B
Rear
Reclining
Front
Down
Lift
Up
Rear
Slide
Front
Down
Front
Vertical
Up
RCL-
RCL+
LFT-
LFT+
SLD-
SLD+
FRV-
FRV+
GND
2
3
7
8
6
9
10
5
4
Y
GR
W
G
P
B
LG
R
W-B
6
c12
Junction
Connector
3
W-B
9 Lc1
W-B
L1
M
c6
Front Power Seat Reclining
Position Motor Assembly RH
M
c4
Front Power Seat Lift
Position Motor Assembly RH
M
c3
Front Power Seat Slide
Position Motor Assembly RH
M
c5
Front Power Seat Vertical
Position Motor Assembly RH

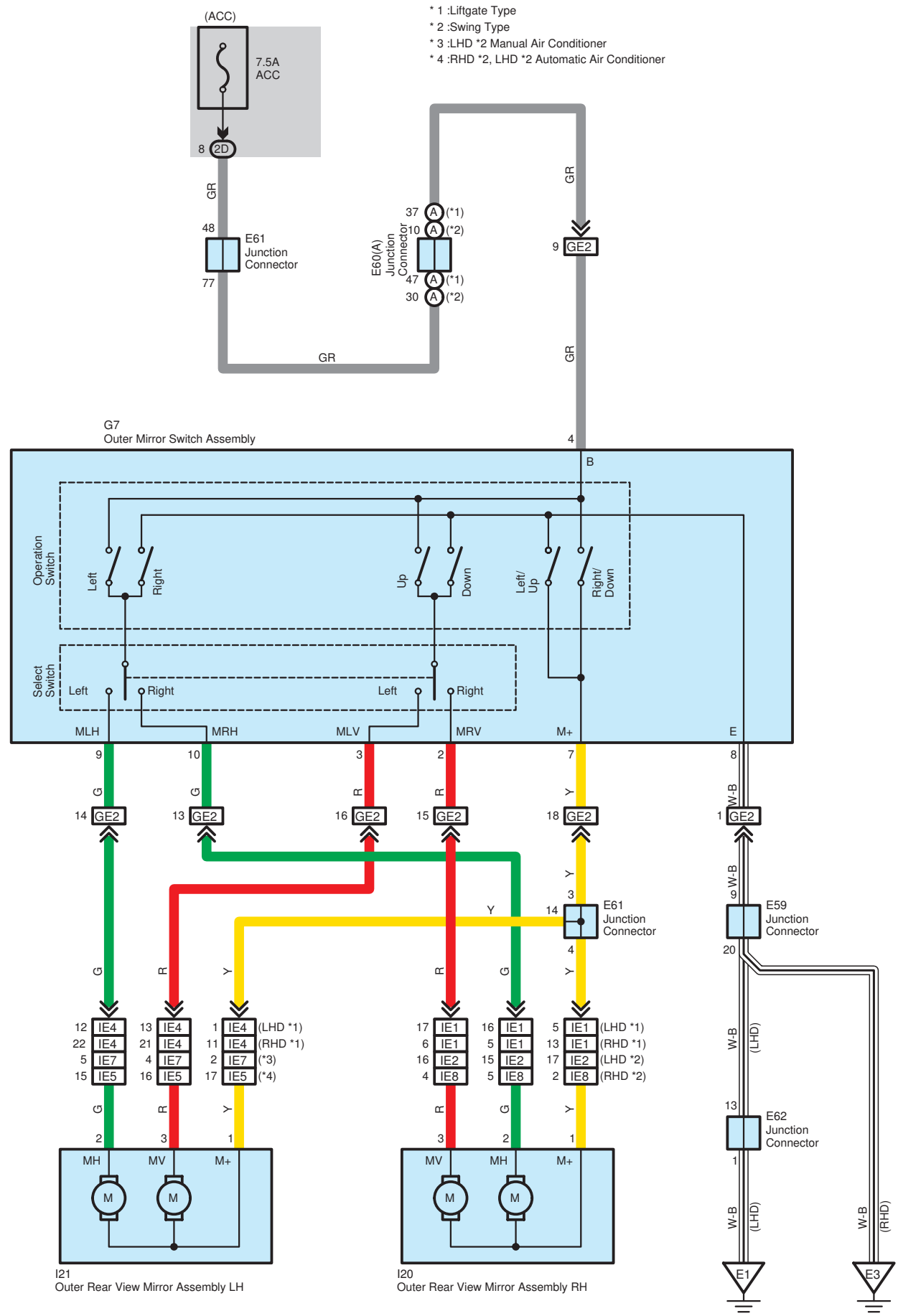

(BAT)
30A
FR P/SEAT LH
4
2C
26
EK1
77
EK2
1
Kc1
1
c25
Front Power Seat Switch Assembly LH
+B
Rear
Reclining
Front
Down
Lift
Up
RCL-
RCL+
LFT-
LFT+
2
3
8
7
Y
GR
W
G
1
2
M
c20
Front Power Seat Reclining
Position Motor Assembly LH
c18
Front Power Seat Lift
Position Motor Assembly LH
c25
Front Power Seat Switch Assembly LH
Rear
Slide
Front
Down
Front
Vertical
Up
SLD-
SLD+
FRV-
FRV+
GND
6
9
5
10
4
P
B
LG
R
W-B
c17
Front Power Seat Slide
Position Motor Assembly LH
c19
Front Power Seat Vertical
Position Motor Assembly LH
c23
Junction
Connector
3
9
Kc1
K1

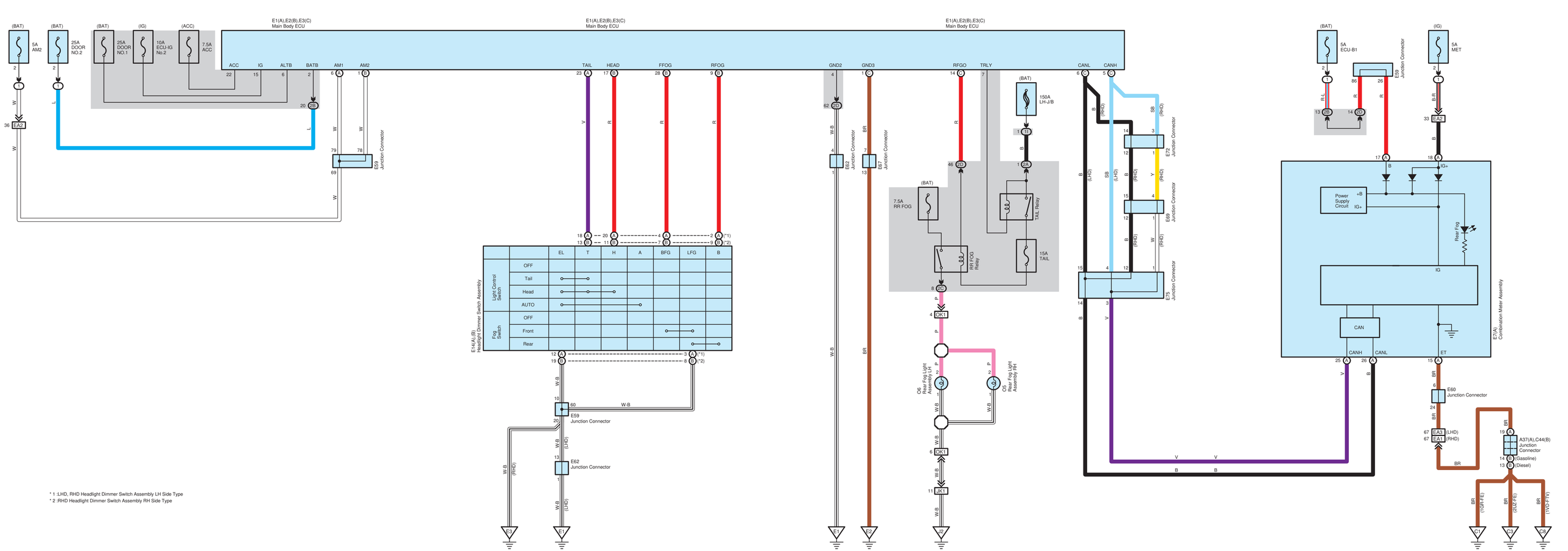

* 1 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 :RHD Headlight Dimmer Switch Assembly RH Side Type
(BAT)
15A TI&TE
(IG)
5A ECU-IG No.1
(BAT)
5A ECU-B1
Tilt and Telescopic Switch
Tilt Down
Telescopic Shrink
Tilt Up
Telescopic Stretch
MSW
VC
E14(A) Headlight Dimmer Switch Assembly
E15(B) Windshield Wiper Switch Assembly
E61 Junction Connector
E60 Junction Connector
E59 Junction Connector
E59 Junction Connector
+B
IG
ECUB
MSW
VC
E27 Multiplex Tilt and Telescopic ECU
TIM+
TIM-
VCI
TIS
E1
TEM+
TEM-
VCE
TES
E2
GND
CANN
CANP
Tilt Motor
Tilt Sensor
Telescopic Motor
Telescopic Sensor
E17 Power Tilt Motor
E27 Multiplex Tilt and Telescopic ECU
W-B (LHD)
W-B (RHD)
E1
E3
E2
X2 Seat Memory Switch RH
SET
MRY
M1
M2
M3
E
MM
MSWE
I24(B) Outer Mirror Control ECU Assembly
X1 Seat Memory Switch LH
I18(B) Outer Mirror Control ECU Assembly
E29 Certification ECU Assembly
CANH
CANL
IE4
IE1
IX1
IX2
(LHD)
(RHD)
E1(A),E3(C) Main Body ECU
E1(A),E3(C) Main Body ECU
DCTY
E76 Junction Connector
E73 Junction Connector
L29(A),L30(B) Junction Connector
EK2
EL1
KL1
Kc1
Lc1
MPX1
MPX2
c15(B) Front Position Control ECU and Switch Assembly LH
c27(B) Front Position Control ECU and Switch Assembly RH
E59 Junction Connector
K2 Front Door Courtesy Light Switch Assembly LH
E61 Junction Connector
L1 Front Door Courtesy Light Switch Assembly RH
E75 Junction Connector
E69 Junction Connector
E72 Junction Connector
EA3
EA1
A38(A),A52(D),C45(B),C46(C) ECM
(IG)
10A BK/UP LP
CA3
C24 Park/Neutral Position Switch
PL
RB
P
C44(B) Junction Connector
(LHD) 2UZ-FE
(RHD) 2UZ-FE
(LHD) 1VD-FTV)
(RHD) 2UZ-FE)
(RHD) 1VD-FTV)


E1(ALE/EG)
Main Body ECU
ACC
IG
GND2
DCTY
LIN2
ALTB
PWS
IG1
10A
ECU-IG NO.2
ACC
7.5A
ACC
(BAT)
20A
DOOR NO.1
(BAT)
30A
PWR DOOR LH
(BAT)
30A
POWER
F/W MAIN Relay
E52
Junction Connector
E53
Junction Connector
E51
Junction Connector
E58
Junction Connector
E59
Junction Connector
E61
Junction Connector
Front Fog Lamp LH
Front Fog Lamp RH
(D)
Multiplex Network Master Switch Assembly
(E)
Multiplex Network Master Switch Assembly
(G)
Multiplex Network Master Switch Assembly
(H)
Multiplex Network Master Switch Assembly
LED+
AUTO
DOWN
UP
LED
Hall IC
LIN
GND
Front Power Window Regulator Motor Assembly LH
Rear Power Window Regulator Motor Assembly RH
Rear Power Window Regulator Motor Assembly LH
Front Power Window Regulator Motor Assembly RH
Front Power Window Regulator Motor Assembly LH
Rear Power Window Regulator Motor Assembly LH
Rear Power Window Regulator Motor Assembly RH

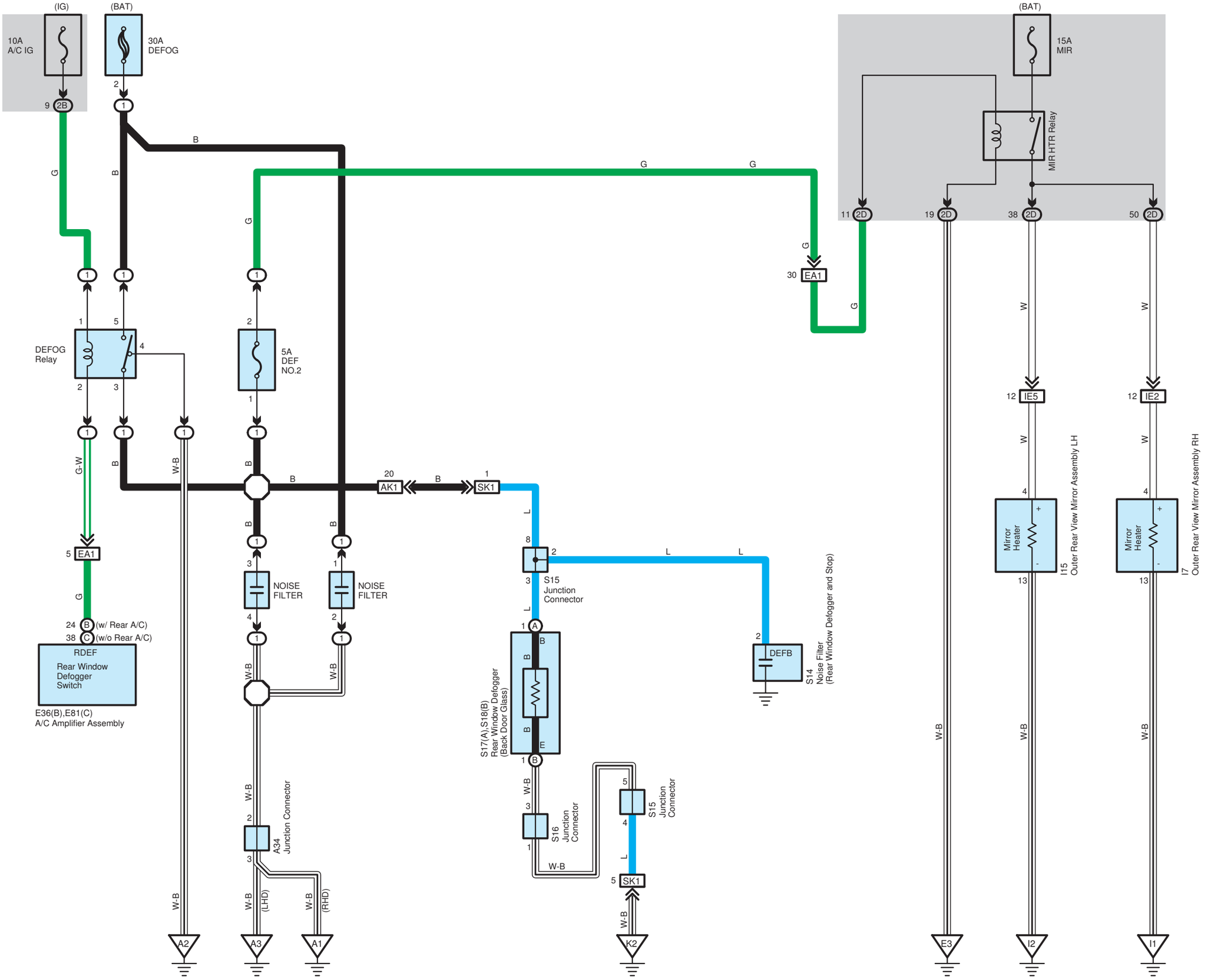

(BAT)
5A AM2
15A DOOR NO.2
5A ECU-B1
(BAT)
20A DOOR NO.1
(IG)
10A ECU-IG No.2
(ACC)
7.5A ACC
E1(A),E2(B),E3(C),E4(D)
Main Body ECU
ACC
IG
ALTB
BECU(*6)
BATB
AM1
AM2
GND(*6)
GND2
GND3
Junction Connector
IL1
IL2
DOTS
CANP
CANN
E76
Junction Connector
L2(A),L3(B)
Junction Connector
KSW
E83
Junction Connector
Key Unlock Warning Switch Assembly
LIN
E2(A)
Front Door Courtesy Light Switch Assembly LH
E3(A)
Front Door Courtesy Light Switch Assembly RH
E2(A)
Front Door Lock Assembly LH
E3(A)
Front Door Lock Assembly RH
E2(A)
Front Door Control Unit Assembly LH
BZR
RCO
RDA
RSG
DATA
GND
LDO
Door Control Receiver
Wireless Door Lock Buzzer
(BAT)
20A FR DOOR LH
E5A
Junction Connector
E5B
Junction Connector
(11A)
Multiplex Network Master Switch Assembly
(20J)
Front Power Window Regulator Switch Assembly LH
(12)
Front Power Window Regulator Motor Assembly LH
E82
Junction Connector
(BAT)
20A RR DOOR LH
(BAT)
20A RR DOOR RH
E81
Junction Connector
(11B)
Multiplex Network Master Switch Assembly
(20A)
Front Power Window Regulator Switch Assembly RH
(BAT)
20A FR DOOR RH
(11C)
Rear Power Window Regulator Motor Assembly LH
(J10)
Rear Power Window Regulator Switch Assembly LH
(J4)
Rear Power Window Regulator Motor Assembly RH
(J3)
Rear Power Window Regulator Switch Assembly RH
(J1)
Front Power Window Regulator Motor Assembly RH
(20A)
Front Power Window Regulator Switch Assembly RH
(20B)
Multiplex Network Master Switch Assembly
LIN
LED
AUTO
DOWN
UP
GND
B
*1 w/ Double Locking
*2 w/o Double Locking
*3 w/ Entry & Start System
*4 w/o Entry & Start System
*3 L/Gate Type
*4 Swing Type
*5 w/ Entry & Start System
*6 w/o Entry & Start System

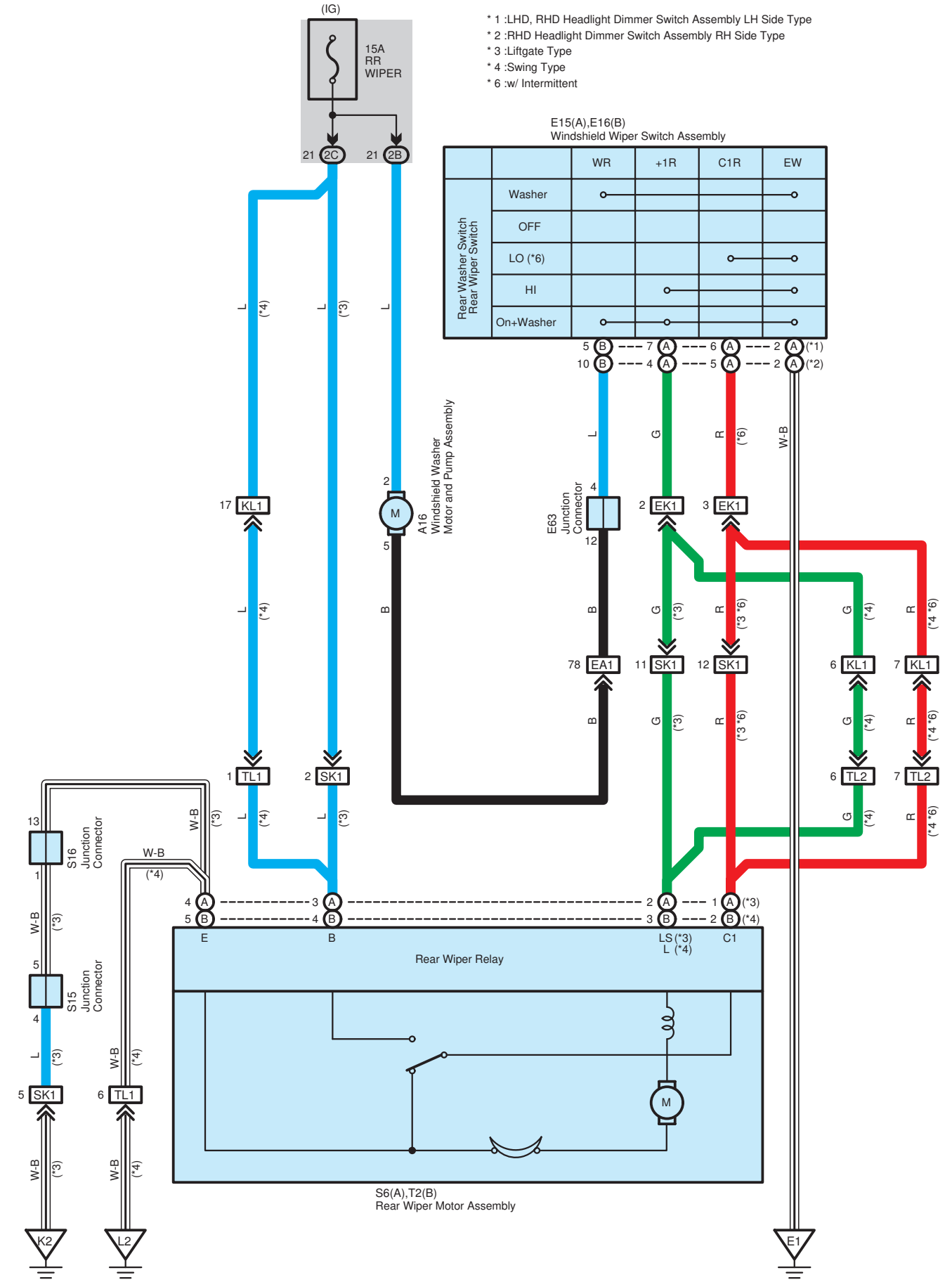

E1(A),E2(B),E3(C)
Main Body ECU
*1: LHD w/ Seat Position Memory
*2: RHD w/ Seat Position Memory
* 3 :Before Apr. 2010 Production
* 4 :From Apr. 2010 Production
* 5 :w/ VSC
* 6 :w/o VSC
10A BK/UP LP
Outer Mirror Switch Assembly
Outer Mirror Control ECU Assembly
Outer Rear View Mirror Assembly LH
Outer Rear View Mirror Assembly RH
E76 Junction Connector
E72 Junction Connector
ECM

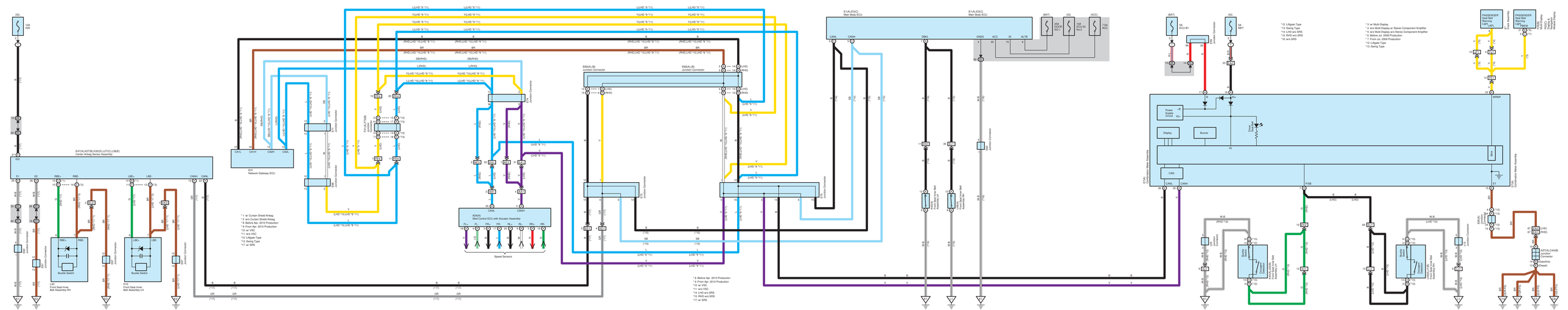

* 1 :Liftgate Type
* 2 :Swing Type
* 3 :LHD *2 Manual Air Conditioner
* 4 :RHD *2, LHD *2 Automatic Air Conditioner
(ACC)
7.5A
ACC
8
2D
GR
48
E61
Junction
Connector
77
GR
37
A
(*1)
10
A
(*2)
E60(A)
Junction
Connector
47
A
(*1)
30
A
(*2)
GR
9
GE2
GR
G7
Outer Mirror Switch Assembly
4
B
Operation
Switch
Left
Right
Up
Down
Left/
Up
Right/
Down
Select
Switch
Left
Right
Left
Right
MLH
MRH
MLV
MRV
M+
E
9
G
14
GE2
10
G
13
GE2
3
R
16
GE2
2
R
15
GE2
7
Y
18
GE2
8
W-B
1
GE2
Y
3
14
E61
Junction
Connector
4
Y
ω W-B
E59
Junction
Connector
20
G
R
Y
R
G
Y
12
IE4
22
IE4
5
IE7
15
IE5
13
IE4
21
IE4
4
IE7
16
IE5
1
IE4
(LHD *1)
11
IE4
(RHD *1)
2
IE7
(*3)
17
IE5
(*4)
17
IE1
6
IE1
16
IE2
4
IE8
16
IE1
5
IE1
15
IE2
5
IE8
5
IE1
(LHD *1)
13
IE1
(RHD *1)
17
IE2
(LHD *2)
2
IE8
(RHD *2)
W-B
(LHD)
13
E62
Junction
Connector
1
W-B
(LHD)
W-B
(RHD)
E1
E3
G
R
Y
2
3
1
MH
MV
M+
M
M
I21
Outer Rear View Mirror Assembly LH
R
G
Y
3
2
1
MV
MH
M+
M
M
I20
Outer Rear View Mirror Assembly RH

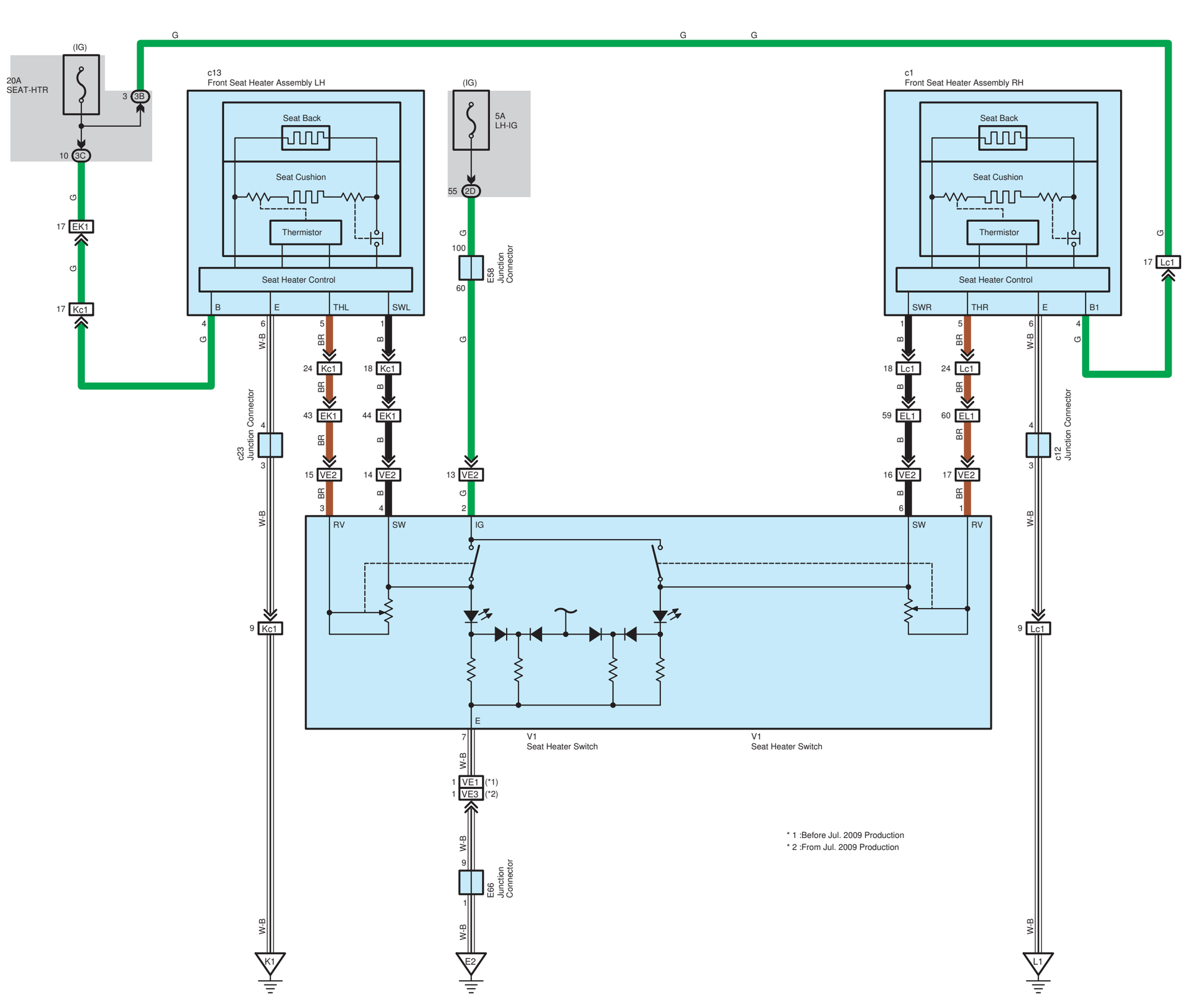

(BAT)
5A AM2
25A DOOR NO.2
(BAT)
25A DOOR NO.1
(IG)
10A ECU-IG No.2
(ACC)
7.5A ACC
E1(A),E2(B),E3(C) Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
W
L
36 EA2
E59 Junction Connector
E1(A),E2(B),E3(C) Main Body ECU
TAIL
HEAD
FFOG
RFOG
V
R
E14(A),(B) Headlight Dimmer Switch Assembly
Light Control Switch
Fog Switch
EL
T
H
A
BFG
LFG
B
OFF
Tail
Head
AUTO
Front
Rear
W-B
E59 Junction Connector
E62 Junction Connector
(LHD)
(RHD)
E3
E1
E1(A),E2(B),E3(C) Main Body ECU
GND2
GND3
E62 Junction Connector
E67 Junction Connector
BR
RFGO
TRLY
(BAT)
150A LH-J/B
7.5A RR FOG
RR FOG Relay
TAIL Relay
15A TAIL
OK1
JK1
C6 Rear Fog Light Assembly LH
C5 Rear Fog Light Assembly RH
E2
J2
CANL
CANH
E77 Junction Connector
E58 Junction Connector
E75 Junction Connector
(BAT)
5A ECU-B1
(IG)
5A MET
E59 Junction Connector
E7(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Rear Fog
IG
CAN
ET
E60 Junction Connector
A37(A),C44(B) Junction Connector
(Gasoline)
(Diesel)
C1
C3
C8
* 1 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 :RHD Headlight Dimmer Switch Assembly RH Side Type

(IG)
(BAT)
10A
A/C IG
30A
DEFOG
9
2B
2
1
B
G
B
1
1
1
5
DEFOG
Relay
4
2
3
1
1
1
G-W
B
W-B
B
B
B
5
EA1
1
1
3
NOISE
FILTER
1
1
NOISE
FILTER
G
4
2
1
1
W-B
W-B
38
C
RDEF
Rear Window
Defogger Switch
W-B
W-B
2
A34
Junction
Connector
E81(C)
A/C Amplifier
Assembly
3
W-B
(LHD)
W-B
(RHD)
A2
A3
A1
B
B
B
B
B
B
B
20
AK1
2
WK1
25
KL1
B
B
B
B
B
B
B
B
B
2
DEF
K42
Noise Filter
(Rear Window Defogger LH)
1
A
B
B
B
E
1
B
W4(A),W5(B)
Rear Window
Defogger LH
(Back Door Glass)
W-B
6
WK1
W-B
K2
2
TL1
1
A
B
B
B
E
1
B
T3(A),T4(B)
Rear Window
Defogger RH
(Back Door Glass)
W-B
6
TL1
W-B
L2
2
DEFB
L48
Noise Filter
(Rear Window Defogger and Stop)


(IG)
(BAT)
10A
A/C IG
30A
DEFOG
9 2B
2
G
B
DEFOG
Relay
5A
DEF
NO.2
NOISE
FILTER
NOISE
FILTER
5 EA1
G-W
G
24 B (w/ Rear A/C)
38 C (w/o Rear A/C)
RDEF
Rear Window
Defogger
Switch
E36(B),E81(C)
A/C Amplifier Assembly
W-B
A34
Junction Connector
(LHD)
(RHD)
A2
A3
A1
20 AK1
1 SK1
S15
Junction
Connector
S17(A),S18(B)
Rear Window Defogger
(Back Door Glass)
S16
Junction
Connector
S15
Junction
Connector
5 SK1
K2
DEFB
S14
Noise Filter
(Rear Window Defogger and Stop)
30 EA1
(BAT)
15A
MIR
MIR HTR Relay
11 2D
19 2D
38 2D
50 2D
W
12 IE5
12 IE2
Mirror
Heater
I15
Outer Rear View Mirror Assembly LH
I7
Outer Rear View Mirror Assembly RH
E3
I2
I1

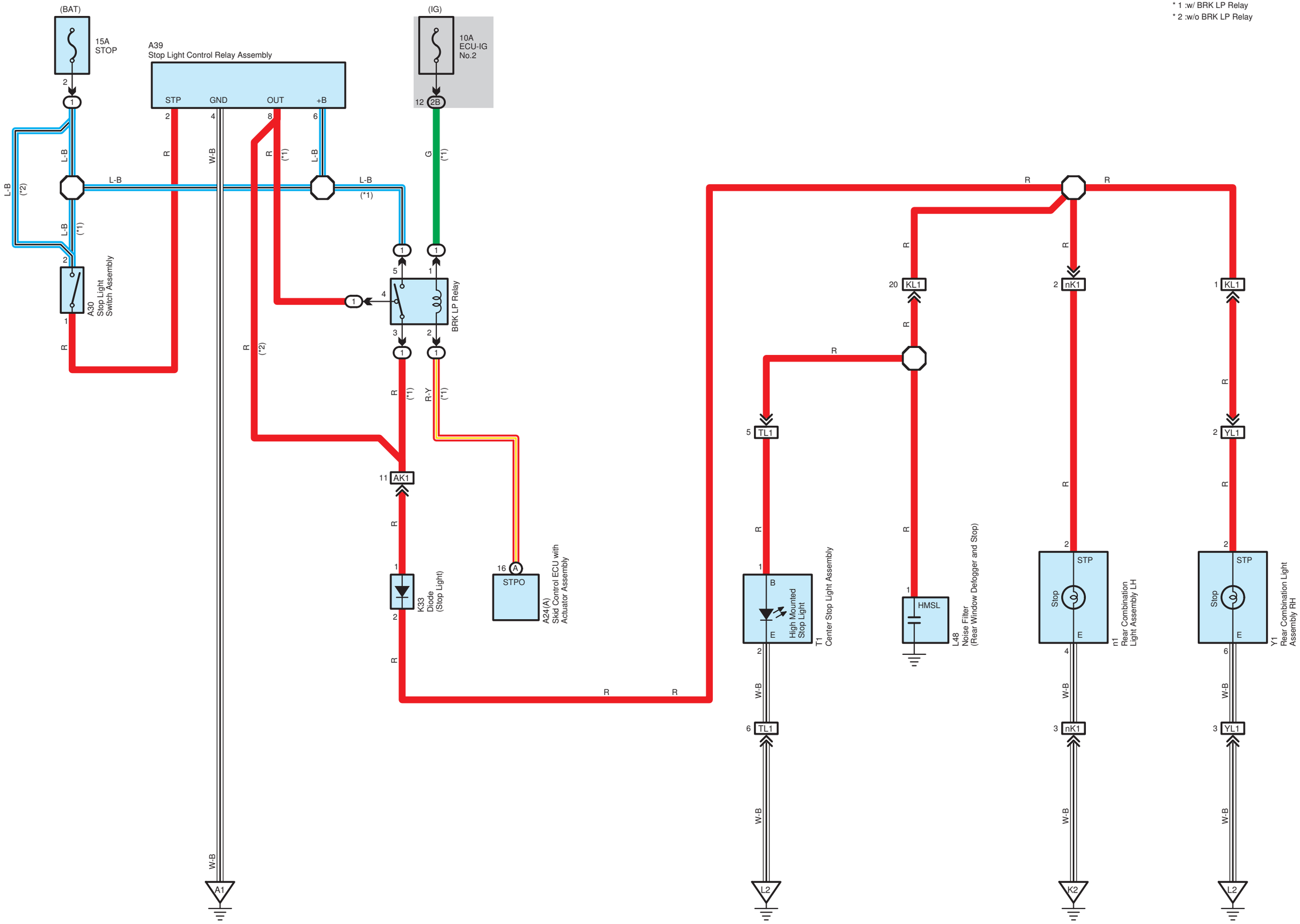

* 1 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 2 :RHD Headlight Dimmer Switch Assembly RH Side Type
* 3 :Liftgate Type
* 4 :Swing Type
* 6 :w/ Intermittent
(IG)
15A
RR
WIPER
21 2C
21 2B
E15(A),E16(B)
Windshield Wiper Switch Assembly
WR
+1R
C1R
EW
Rear Washer Switch
Rear Wiper Switch
Washer
OFF
LO (*6)
HI
On+Washer
5 B
10 B
7 A
4 A
6 A
5 A
2 A (*1)
2 A (*2)
L
G
R
W-B
(*6)
17 KL1
2
M
5
A16
Windshield Washer
Motor and Pump Assembly
E63
Junction
Connector
4
12
2 EK1
3 EK1
78 EA1
11 SK1
12 SK1
6 KL1
7 KL1
6 TL2
7 TL2
1 TL1
2 SK1
(*3)
(*4)
(*3 *6)
(*4 *6)
13
1
S16
Junction
Connector
W-B
(*3)
(*4)
5
4
S15
Junction
Connector
5 SK1
6 TL1
K2
L2
E1
4 A
5 B
3 A
4 B
2 A
3 B
1 A (*3)
2 B (*4)
E
B
LS (*3)
L (*4)
C1
Rear Wiper Relay
M
S6(A),T2(B)
Rear Wiper Motor Assembly

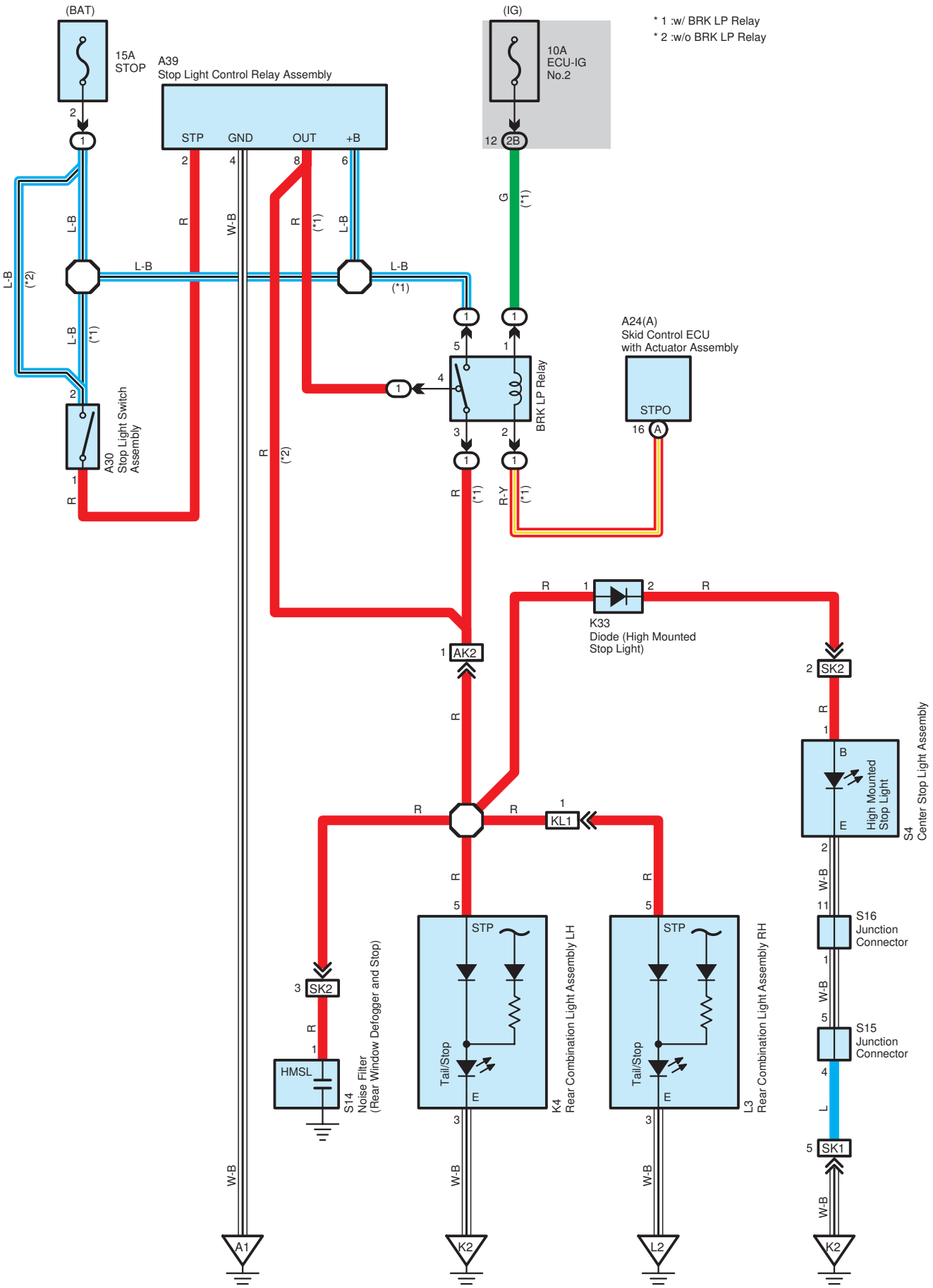

(IG)
10A
IGN
E47(AL/K27(B),K3(D),L27(C),L36(E)
Center Airbag Sensor Assembly
CAN-L
CAN-H
E31
Network Gateway ECU
*1 w/ Curtain Shield Airbag
* 2 w/o Curtain Shield Airbag
* 8 Before Apr. 2010 Production
* 9 From Apr. 2010 Production
*10 w/ VSC
*11 w/o VSC
*12 Liftgate Type
*13 Swing Type
*17 w/ SRS
L39
Front Seat Inner Belt Assembly RH
Buckle Switch
K10
Front Seat Inner Belt Assembly LH
Buckle Switch
Speed Sensors
A24(A)
Skid Control ECU with Actuator Assembly
* 8 Before Apr. 2010 Production
* 9 From Apr. 2010 Production
*11 w/o VSC
*14 LHD w/o SRS
*15 RHD w/o SRS
*17 w/ SRS
E18(AL/ESC)
Main Body ECU
E18(AL/ESC)
Main Body ECU
(BAT)
10A
ROOM NO.1
(IG)
10A
ECU-IG NO.2
(ACC)
7.5A
ACC
GA
ECU-B1
GA
MET
*12 Liftgate Type
*13 Swing Type
*14 LHD w/o SRS
*15 RHD w/o SRS
*16 w/o SRS
*3 w/ Multi-Display
* 4 w/o Multi-Display w/ Stereo Component Amplifier
* 5 w/o Multi-Display w/o Stereo Component Amplifier
* 6 Before Jul. 2009 Production
* 7 From Jul. 2009 Production
*12 Liftgate Type
*13 Swing Type
Power Supply Circuit
Display
Buzzer
Door Courtesy Light
CAN
E12
Main Body Junction Block Assembly
WINP
E11
Instrument Panel Assembly
Buckle Switch
Outboard Pretensioner
Front Seat Outer Belt Assembly RH
Buckle Switch
Outboard Pretensioner
Front Seat Outer Belt Assembly LH
PASSENGER Seat Belt Buckle Light
PASSENGER Seat Belt Buckle Switch
E5(A)
Instrument Panel Wire
A37(AL/C44(B))
Junction Connector
(Gasoline)
(Diesel)
Radio Receiver Assembly
Display
Multi-Media Module Receiver Assembly
Rear Seat Entertainment Unit
Rear Seat Entertainment Display

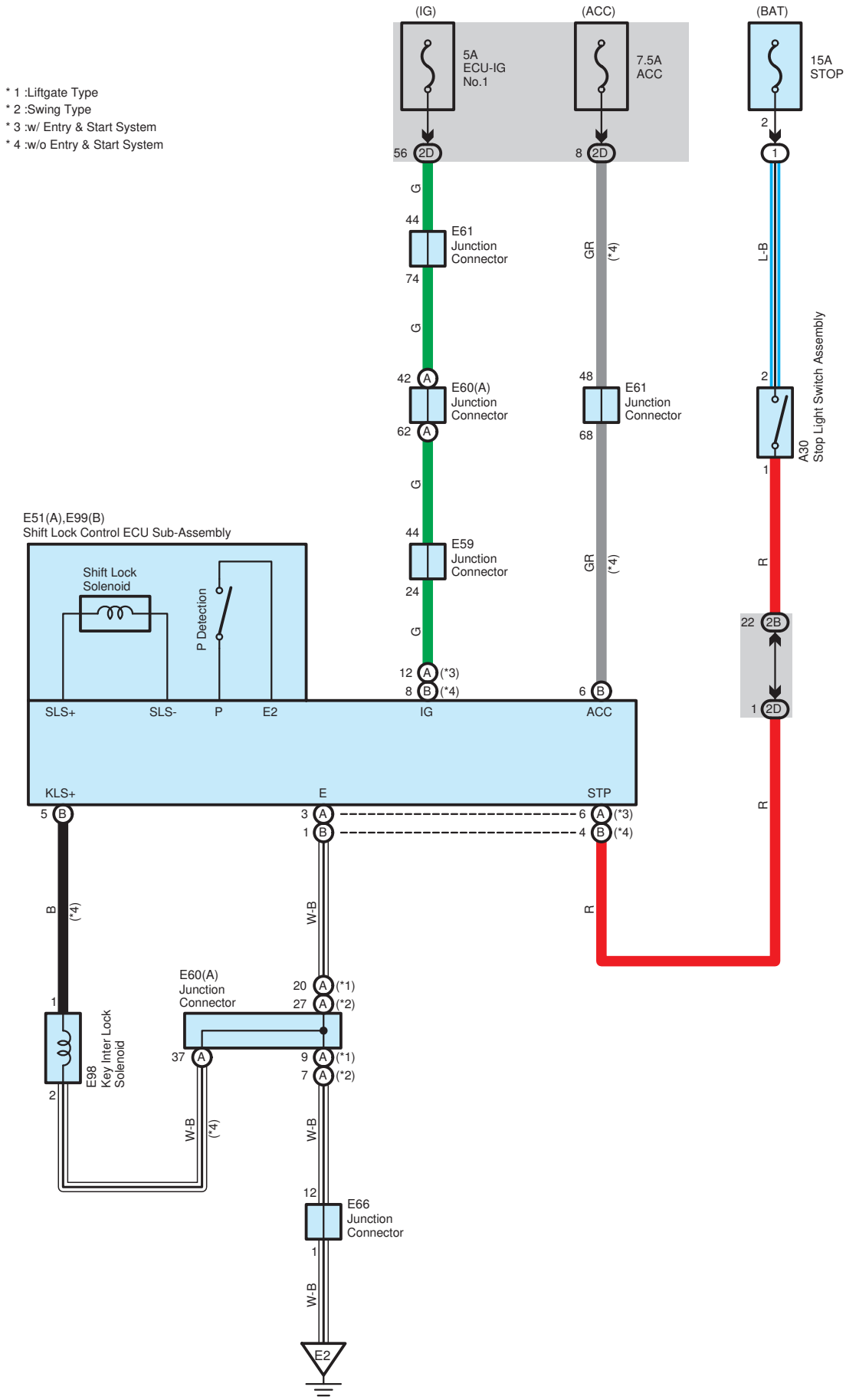

(IG)
20A
SEAT-HTR
3
3B
10
3C
G
17
EK1
G
17
Kc1
4
G
c13
Front Seat Heater Assembly LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
6
W-B
5
BR
1
B
24
Kc1
18
Kc1
BR
B
43
EK1
44
EK1
BR
B
15
VE2
14
VE2
BR
B
3
4
c23
Junction Connector
4
3
W-B
9
Kc1
W-B
K1
(IG)
5A
LH-IG
55
2D
G
100
E58
Junction
Connector
60
G
13
VE2
G
2
RV
SW
IG
E
7
W-B
1
VE1
(*1)
1
VE3
(*2)
W-B
9
E66
Junction
Connector
1
W-B
E2
V1
Seat Heater Switch
c1
Front Seat Heater Assembly RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
SWR
THR
E
B1
1
B
5
BR
6
W-B
4
G
18
Lc1
24
Lc1
B
BR
59
EL1
60
EL1
B
BR
16
VE2
17
VE2
B
BR
6
1
SW
RV
V1
Seat Heater Switch
G
17
Lc1
4
c12
Junction Connector
3
W-B
9
Lc1
W-B
L1
G
G
G
* 1 :Before Jul. 2009 Production
* 2 :From Jul. 2009 Production

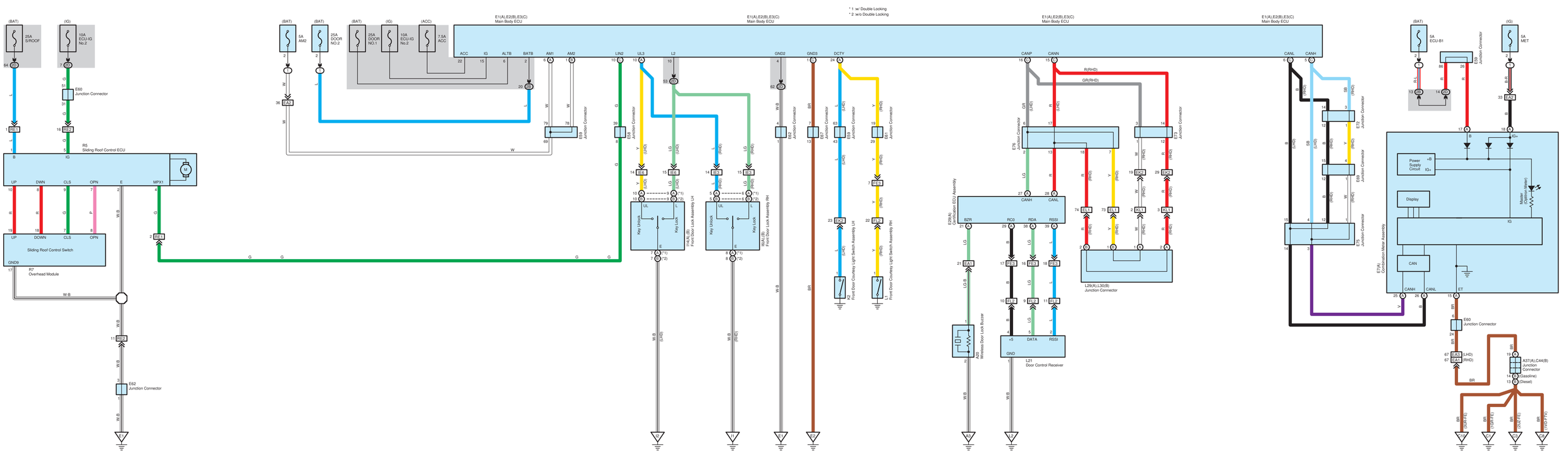
(BAT)
20A
RR S/HTR
IG1D
E1(A)
Main Body ECU
3 A
2
1
G
L
W-B
1
5
IG1 NO.5
Relay
2
3
G
G
G
1
AK1
59 EA1
G
77
E59
Junction Connector
67
G
W-B
1
A34
Junction Connector
3
W-B
A3
d2
Rear Seat Heater LH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
B
E
THL
SWL
4
6
5
1
5 Kd1
1 Kd1
2 Kd1
3 Kd1
G
W-B
W
B
W-B
67 EK2
66 EK2
W
B
11
5
RLY
COM
Rear Seat Heater Switch
E55
No.2 A/C Control Assembly
K1
(IG)
10A
ECU-IG
No.2
7 2D
G
51
E60
Junction
Connector
1
G
6
IG
G
G
d1
Rear Seat Heater RH
Seat Back
Seat Cushion
Thermistor
Seat Heater Control
THR
SWR
E
B
5
1
6
4
2 Ld1
3 Ld1
1 Ld1
5 Ld1
3 AL1
W
B
W-B
G
21 EL1
20 EL1
W
B
9
3
RLY
COM
Rear Seat Heater Switch
E55
No.2 A/C Control Assembly
E
1
W-B
70
E59
Junction
Connector
20
W-B
(LHD)
13
E62
Junction
Connector
1
W-B
(LHD)
W-B
(RHD)
E3
E1
L2
W-B
G
G

* 1 :w/ BRK LP Relay
* 2 :w/o BRK LP Relay




(BAT)
15A
STOP
A39
Stop Light Control Relay Assembly
STP
GND
OUT
+B
(IG)
10A
ECU-IG
No.2
* 1 :w/ BRK LP Relay
* 2 :w/o BRK LP Relay
L-B
(*2)
(*1)
R
W-B
G
A30
Stop Light Switch
Assembly
BRK LP Relay
A24(A)
Skid Control ECU
with Actuator Assembly
STPO
R-Y
K33
Diode (High Mounted
Stop Light)
AK2
KL1
SK2
SK1
S4
Center Stop Light Assembly
High Mounted
Stop Light
S16
Junction
Connector
S15
Junction
Connector
HMSL
S14
Noise Filter
(Rear Window Defogger and Stop)
K4
Rear Combination Light Assembly LH
L3
Rear Combination Light Assembly RH
Tail/Stop
A1
K2
L2


* 1 :Liftgate Type
* 2 :Swing Type
* 3 :w/ Entry & Start System
* 4 :w/o Entry & Start System
(IG)
(ACC)
(BAT)
5A
ECU-IG
No.1
7.5A
ACC
15A
STOP
56 2D
8 2D
2
1
G
GR
(*4)
L-B
44
E61
Junction
Connector
74
G
48
E61
Junction
Connector
68
42 A
E60(A)
Junction
Connector
62 A
2
A30
Stop Light Switch Assembly
1
G
R
E51(A),E99(B)
Shift Lock Control ECU Sub-Assembly
Shift Lock
Solenoid
P Detection
44
E59
Junction
Connector
24
G
GR
(*4)
22 2B
1 2D
12 A (*3)
8 B (*4)
6 B
SLS+
SLS-
P
E2
IG
ACC
KLS+
E
STP
5 B
3 A
1 B
6 A (*3)
4 B (*4)
R
B
(*4)
W-B
R
E60(A)
Junction
Connector
20 A (*1)
27 A (*2)
1
E98
Key Inter Lock
Solenoid
2
37 A
9 A (*1)
7 A (*2)
W-B
(*4)
W-B
12
E66
Junction
Connector
1
W-B
E2


* 1 w/ Double Locking
* 2 w/o Double Locking
(BAT)
(IG)
(ACC)
25A S/ROOF
10A ECU-IG No.2
5A AM2
25A DOOR NO.2
25A DOOR NO.1
7.5A ACC
E1(A),E2(B),E3(C) Main Body ECU
ACC
IG
ALTB
BATB
AM1
AM2
LIN2
UL3
L2
GND2
GND3
DCTY
CANP
CANH
CANL
E60 Junction Connector
R5 Sliding Roof Control ECU
UP
DWN
CLS
OPN
E
MPX1
Sliding Roof Control Switch
R7 Overhead Module
E62 Junction Connector
E69 Junction Connector
H4(A),(B) Front Door Lock Assembly LH
H5(A),(B) Front Door Lock Assembly RH
Key Unlock
Key Lock
Front Door Courtesy Light Switch Assembly LH
Front Door Courtesy Light Switch Assembly RH
E76 Sub-bus Connector
E73 Junction Connector
E74 Junction Connector
E75 Junction Connector
E72 Junction Connector
E68 Junction Connector
E70 Junction Connector
E71 Junction Connector
E7(A) Communication Control Assembly
E8(A) Certification ECU Assembly
A20 Interior Door Lock Buzzer
L21 Door Control Receiver
L29(A),L30(B) Junction Connector
Power Supply Circuit
Display
CAN
Master Control Assembly
E59 Junction Connector
E60 Junction Connector
A37(A),C44(B) Junction Connector
R/(RHD)
G/R(RHD)

NOTICE :When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

* Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.

* Work must be started more than 90 seconds after the engine switch is pushed to the "OFF" position and the negative (-) terminal cable is disconnected from the battery.
(The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)

* When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back-up power supply from outside the vehicle.

* Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.

* Do not expose the following parts directly to hot air or flame;

* Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;

* Never use SRS parts from another vehicle. When replacing parts, replace with new parts.

* For the purpose of reuse, never disassemble and repair the following parts.

* If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector replace with new one.


* Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting electrical circuits of the system.

* Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.

* After work on the SRS is completed, check the SRS warning light.

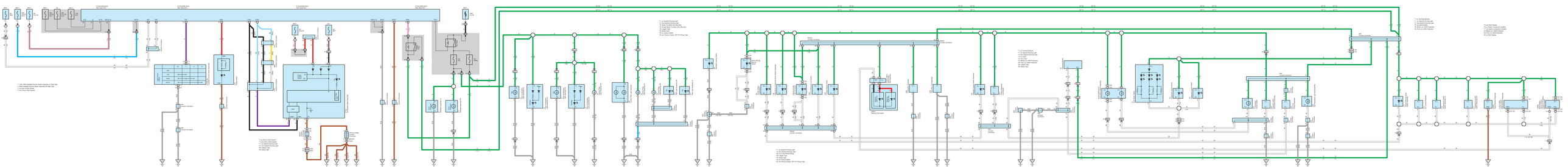
* If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

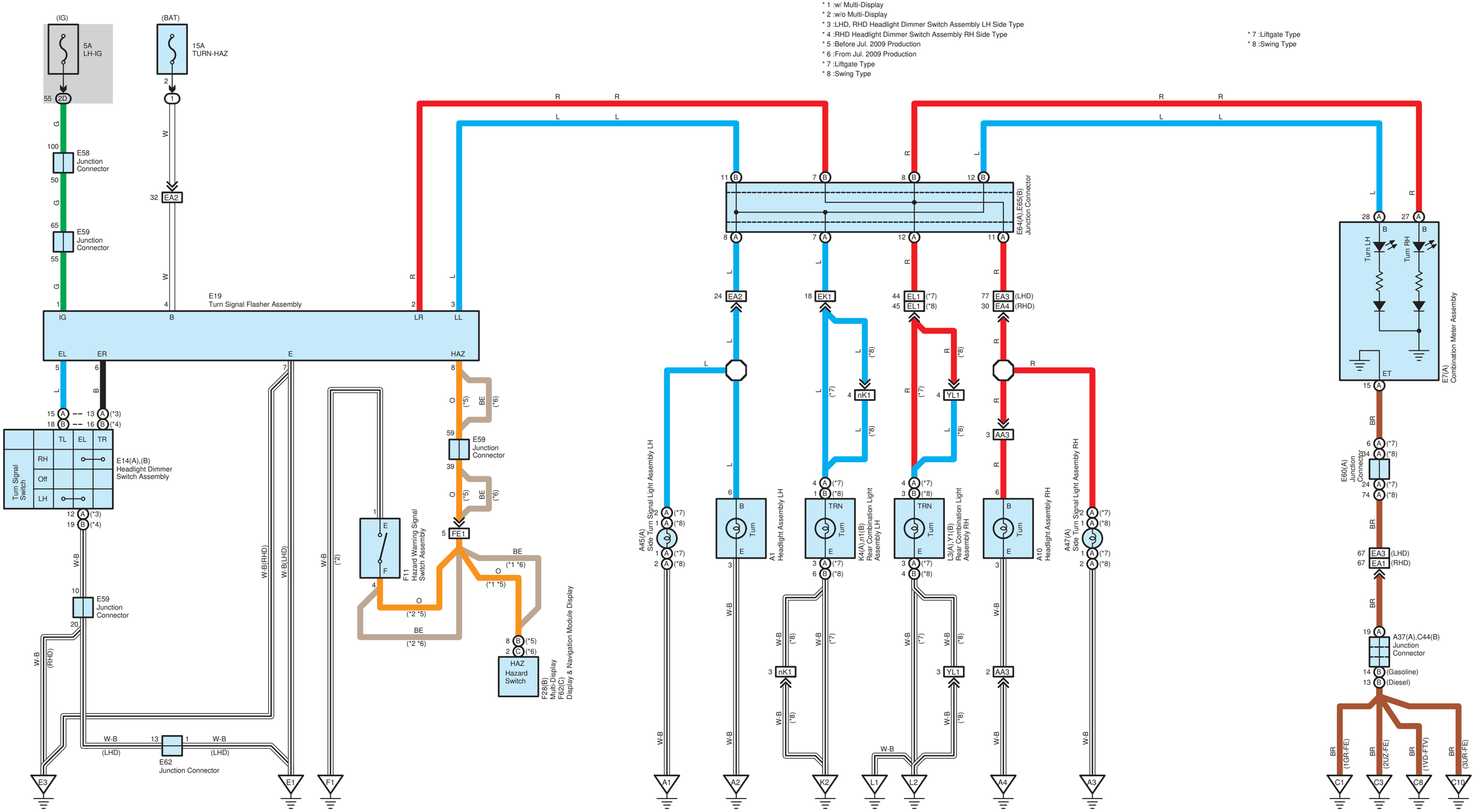
* Steering wheel pad
* Front passenger airbag assembly
* Side airbag assembly
* Curtain shield airbag assembly
* Knee airbag assembly
* Seat belt pretensioner
* Center airbag sensor assembly
* Front airbag sensor assembly
* Side airbag sensor assembly
* Rear airbag sensor assembly

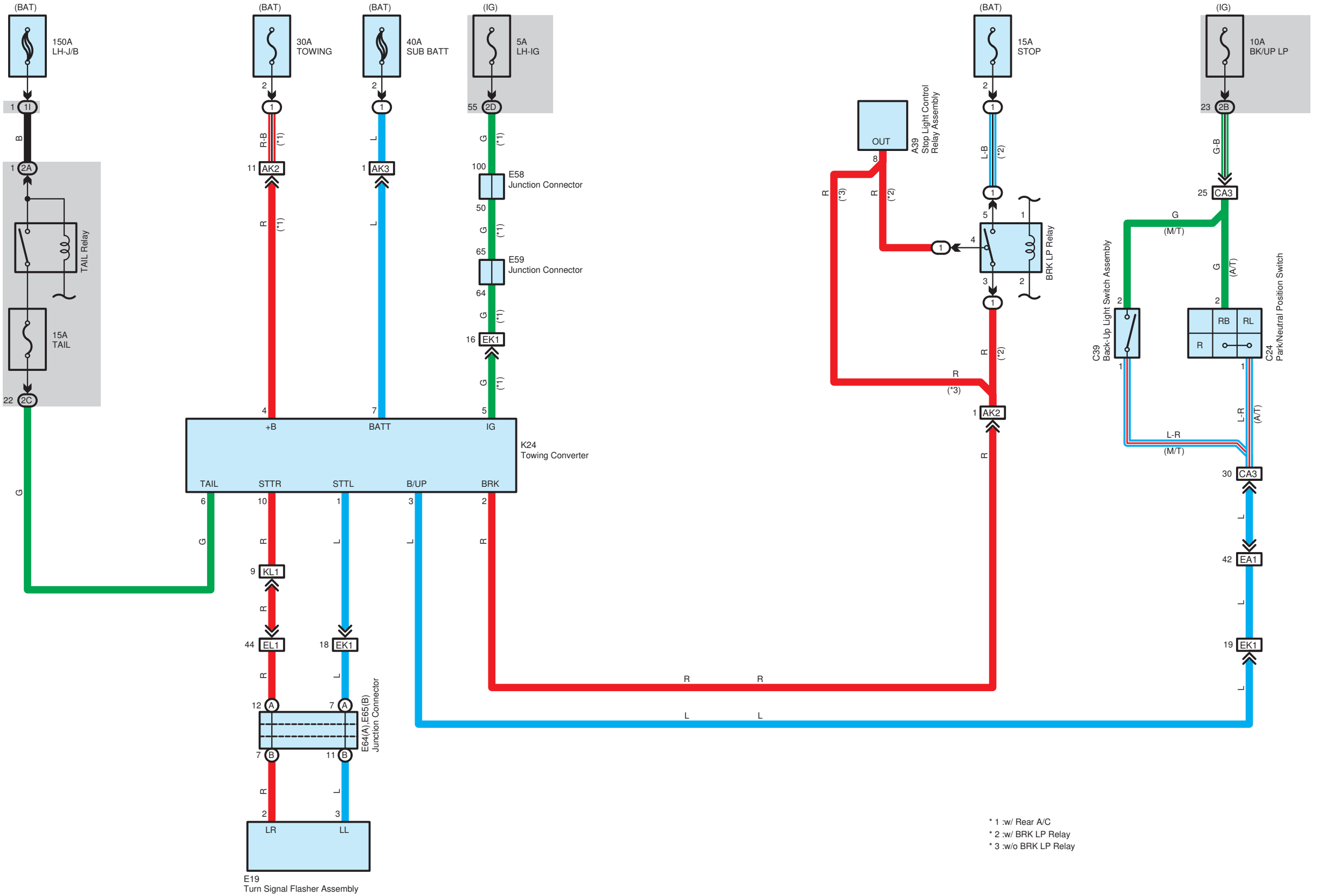


* 1 :Gasoline
* 2 :Diesel
* 3 :LHD M/T
* 4 :RHD M/T

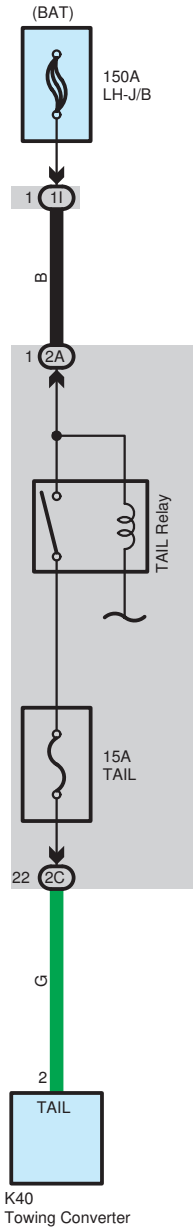
(BAT)
30A
ST
2
1
G-B
1
5
1
ST Relay
3
2
1
1
B-W
(*1)
B-W
(*2)
8
CA2
B
(*2)
1
AD1
1
DC2
B
(*1)
B
(*2)
1
A
(*1)
1
D
(*2)
1
1
E
F
(*2)
(*1)
D2(A),D12(D),
D13(E),D14(F)
Starter
Assembly
M
B
(*2)
B
Battery
Battery
R-B
R-B
R-B
W-B
1
A34
Junction
Connector
3
W-B
(RHD)
W-B
(LHD)
A1
A3
(BAT)
5A
AM1
47
2D
R
4
AM1
ACC
IG1
ST1
3
E93
Ignition or Starter
Switch Assembly
L
17
EA3
(LHD)
17
EA1
(RHD)
L
A37(A),C44(B)
Junction
Connector
13
A
20
B
(*1)
22
B
(*2)
L
(M/T)
L
(A/T)
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
C24
Park/Neutral Position Switch
5
4
CA1
R
(A/T)
R
(M/T)
R
(*4)
4
eA1
R-Y
(*4)
R-Y
(*3)
18
CA3
R
(M/T)
R
(A/T)

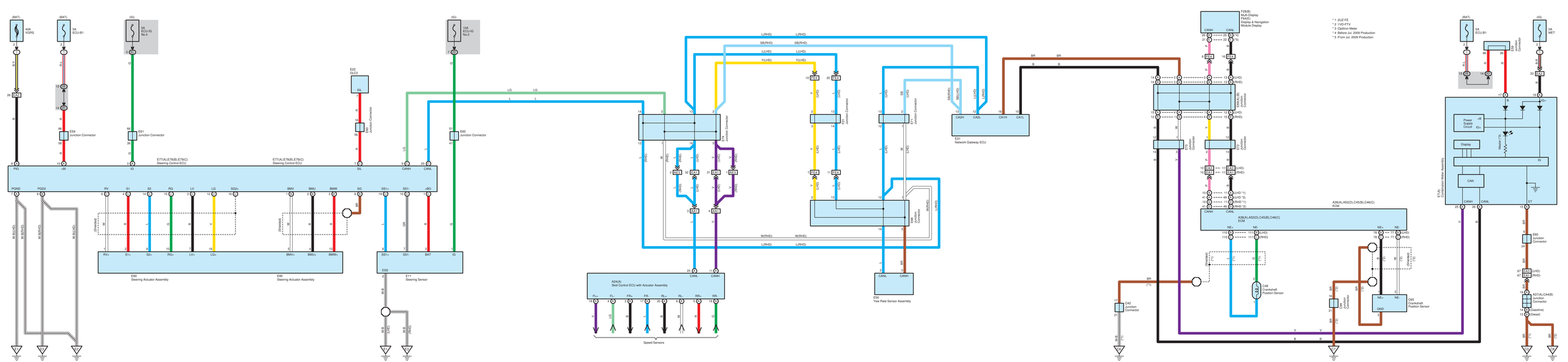


* 1 :w/ Multi-Display
* 2 :w/o Multi-Display
* 3 :LHD, RHD Headlight Dimmer Switch Assembly LH Side Type
* 4 :RHD Headlight Dimmer Switch Assembly RH Side Type
* 5 :Before Jul. 2009 Production
* 6 :From Jul. 2009 Production
* 7 :Liftgate Type
* 8 :Swing Type
* 7 :Liftgate Type
* 8 :Swing Type
(IG)
(BAT)
5A LH-IG
15A TURN-HAZ
E58 Junction Connector
E59 Junction Connector
E19 Turn Signal Flasher Assembly
IG
B
LR
LL
EL
ER
E
HAZ
E14(A),(B) Headlight Dimmer Switch Assembly
Turn Signal Switch
TL
EL
TR
RH
Off
LH
E59 Junction Connector
E62 Junction Connector
F11 Hazard Warning Signal Switch Assembly
HAZ Hazard Switch
F28(B) Multi-Display
F62(C) Display & Navigation Module Display
E64(A),E65(B) Junction Connector
A45(A) Side Turn Signal Light Assembly LH
A1 Headlight Assembly LH
K4(A),n1(B) Rear Combination Light Assembly LH
L3(A),Y1(B) Rear Combination Light Assembly RH
A10 Headlight Assembly RH
A47(A) Side Turn Signal Light Assembly RH
E7(A) Combination Meter Assembly
Turn LH
Turn RH
ET
E60(A) Junction Connector
A37(A),C44(B) Junction Connector
(Gasoline)
(Diesel)
(1GR-FE)
(2UZ-FE)
(1VD-FTV)
(3UR-FE)



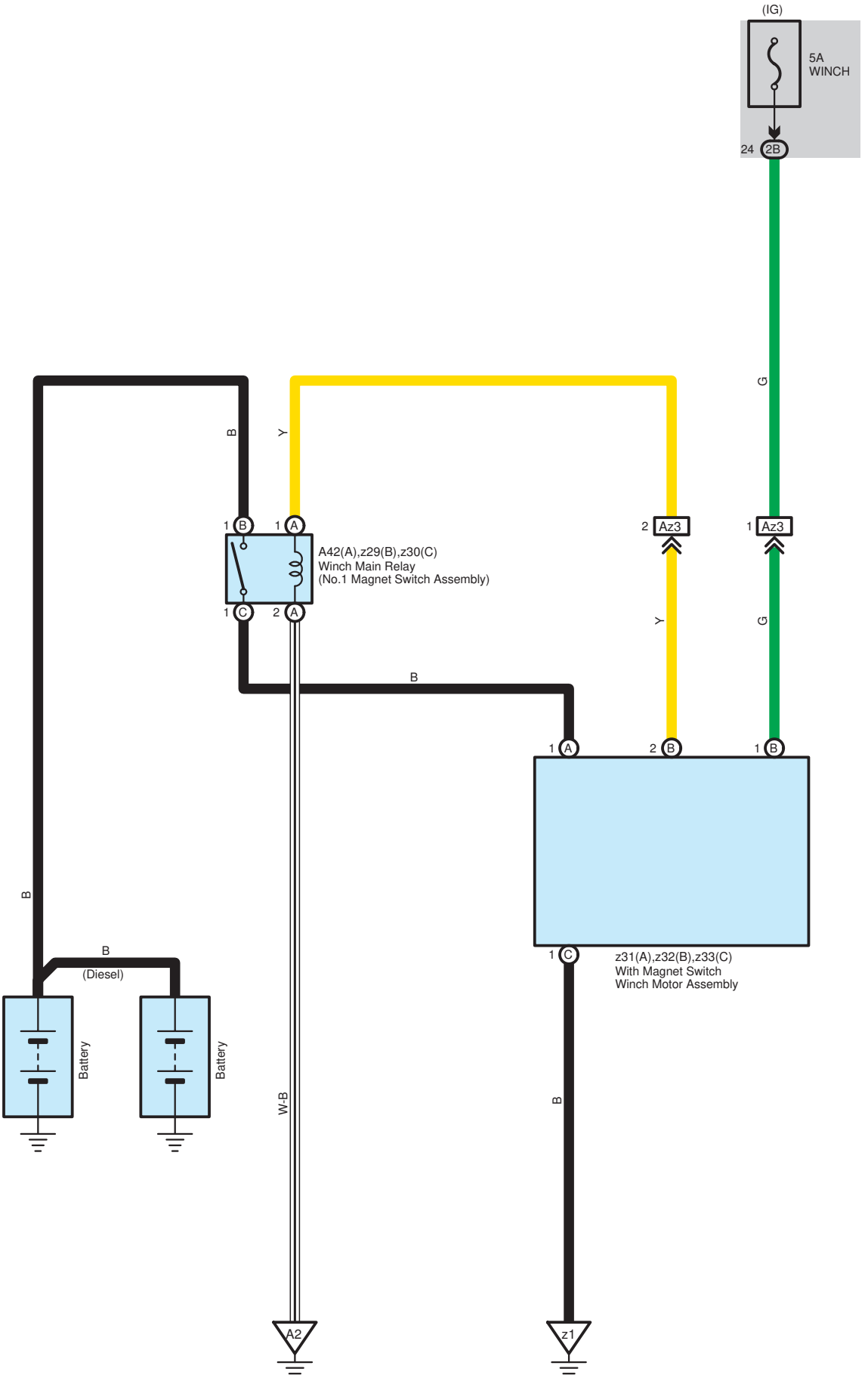
* 1 :w/ Rear A/C
* 2 :w/ BRK LP Relay
* 3 :w/o BRK LP Relay


(BAT)
150A
LH-J/B
1
1I
B
1
2A
TAIL Relay
15A
TAIL
22
2C
G
2
TAIL
K40
Towing Converter


(BAT)
40A VGRS
(BAT)
5A ECU-B1
(IG)
5C ECU-IG No.4
(IG)
10A ECU-IG No.2
E22 DLC3
SIL
J/C Junction Connector
E59 Junction Connector
E61 Junction Connector
E60 Junction Connector
E77(A),E78(B),E79(C) Steering Control ECU
PIG
+B
IG
CANH
CANL
PGND
PGND2
RV
S1+
S2+
RG
LV
LG
SGS+
BMV
BMU
BMW
SG
SS1+
SS1-
-BG
(Shield)
RV+
S1+
S2+
RG+
LV+
LG+
BMV+
BMU+
BMW+
E80 Steering Actuator Assembly
E99 Steering Actuator Assembly
ESS
BAT
E11 Steering Sensor
L(RHD)
SB(RHD)
Y(LHD)
L(LHD)
SB(LHD)
LG
L
W/R(RHD)
W/R(LHD)
E10 Junction Connector
E12 Junction Connector
E13 Junction Connector
E14 Junction Connector
E15 Junction Connector
E16 Junction Connector
E17 Junction Connector
E18 Junction Connector
A24(A) Skid Control ECU with Actuator Assembly
FL+
FL-
FR+
FR-
RL+
RL-
RR+
RR-
Speed Sensors
E50 Yaw Rate Sensor Assembly
E31 Network Gateway ECU
CANH
CANL
CA-H
CA-L
F28(B) Multi-Display F64(E) Display & Navigation Module Display
*1 2UZ-FE
*2 1VD-FTV
*3 Optitron Meter
*4 Before Jul. 2009 Production
*5 From Jul. 2009 Production
E54(A),(B) Junction Connector
E73 Junction Connector
A38(A),A52(D),C45(B),C46(C) ECM
NE+
NE-
C48 Crankshaft Position Sensor
C49 Camshaft Position Sensor
C42 Junction Connector
E74(A) Combination Meter Assembly
Power Supply Circuit
+B
IG+
Display
Meter (*3)
IG
CAN
E60 Junction Connector
A37(A),C44(B) Junction Connector
(Gasoline)
(Diesel)



E1(A),E2(B),E4(D)
Main Body ECU
LSSR
LP SECURITY Indicator


(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
1
C
z31(A),z32(B),z33(C)
With Magnet Switch
Winch Motor Assembly
B
B
(Diesel)
Battery
Battery
W-B
B
A2
z1