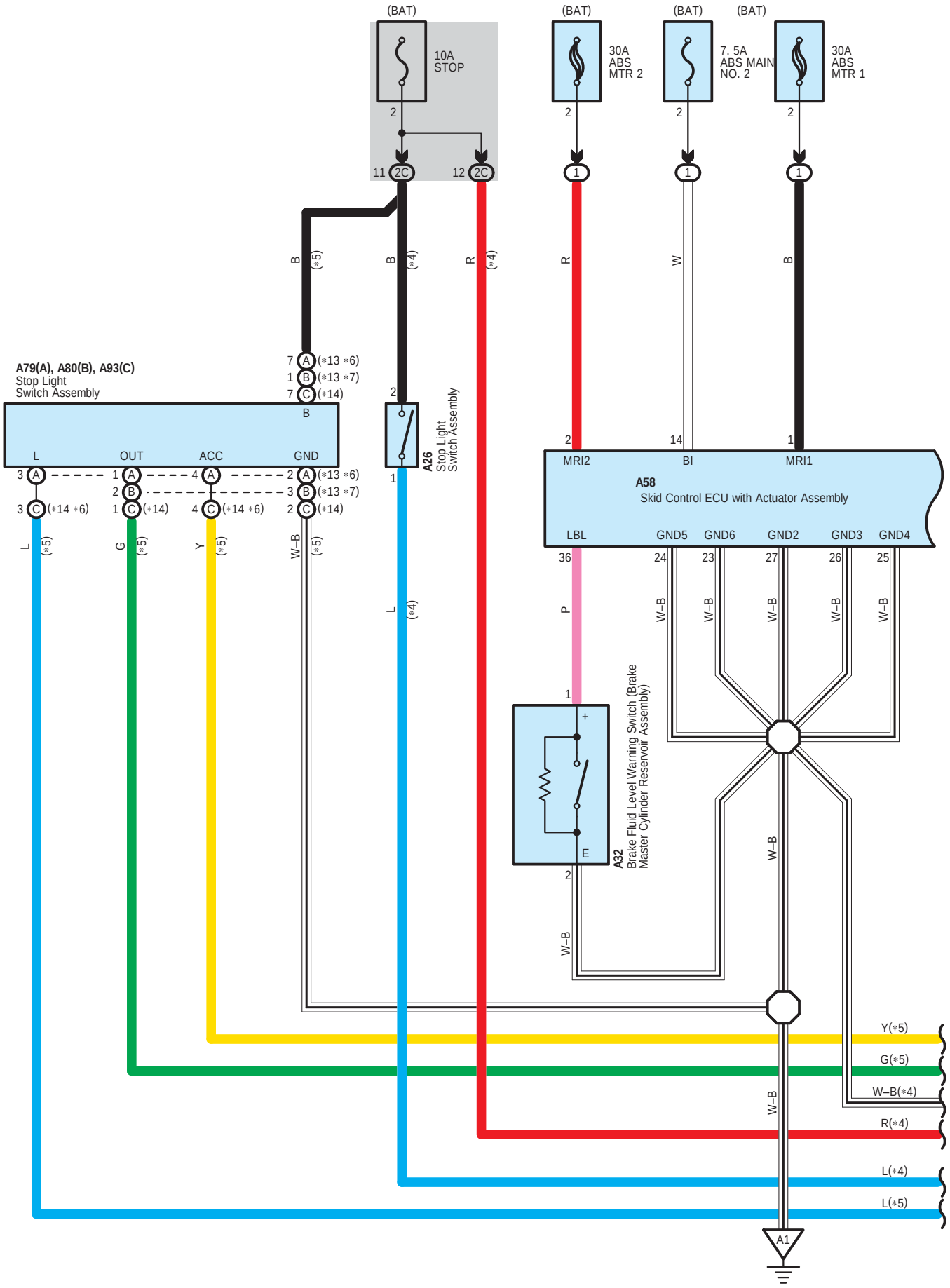
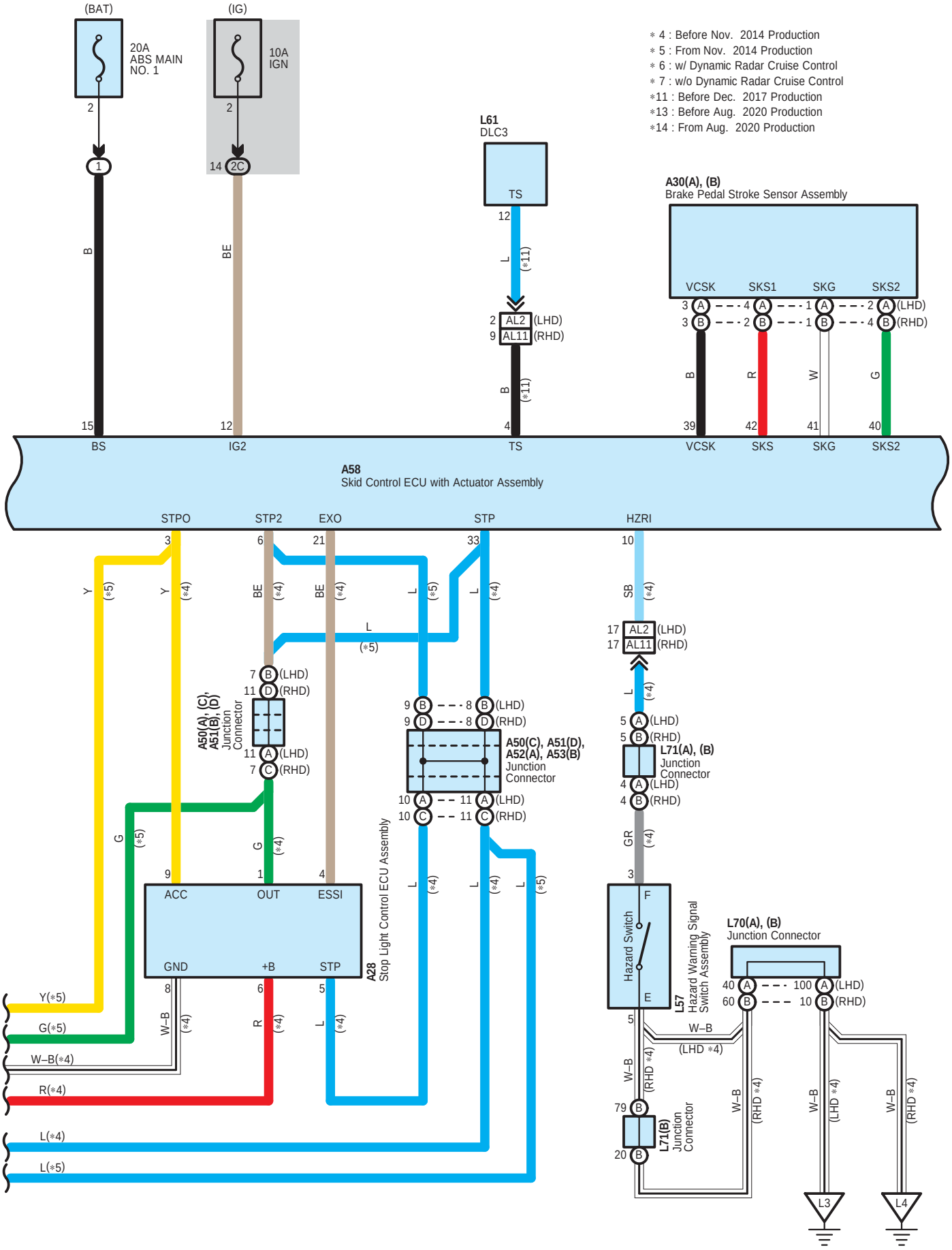
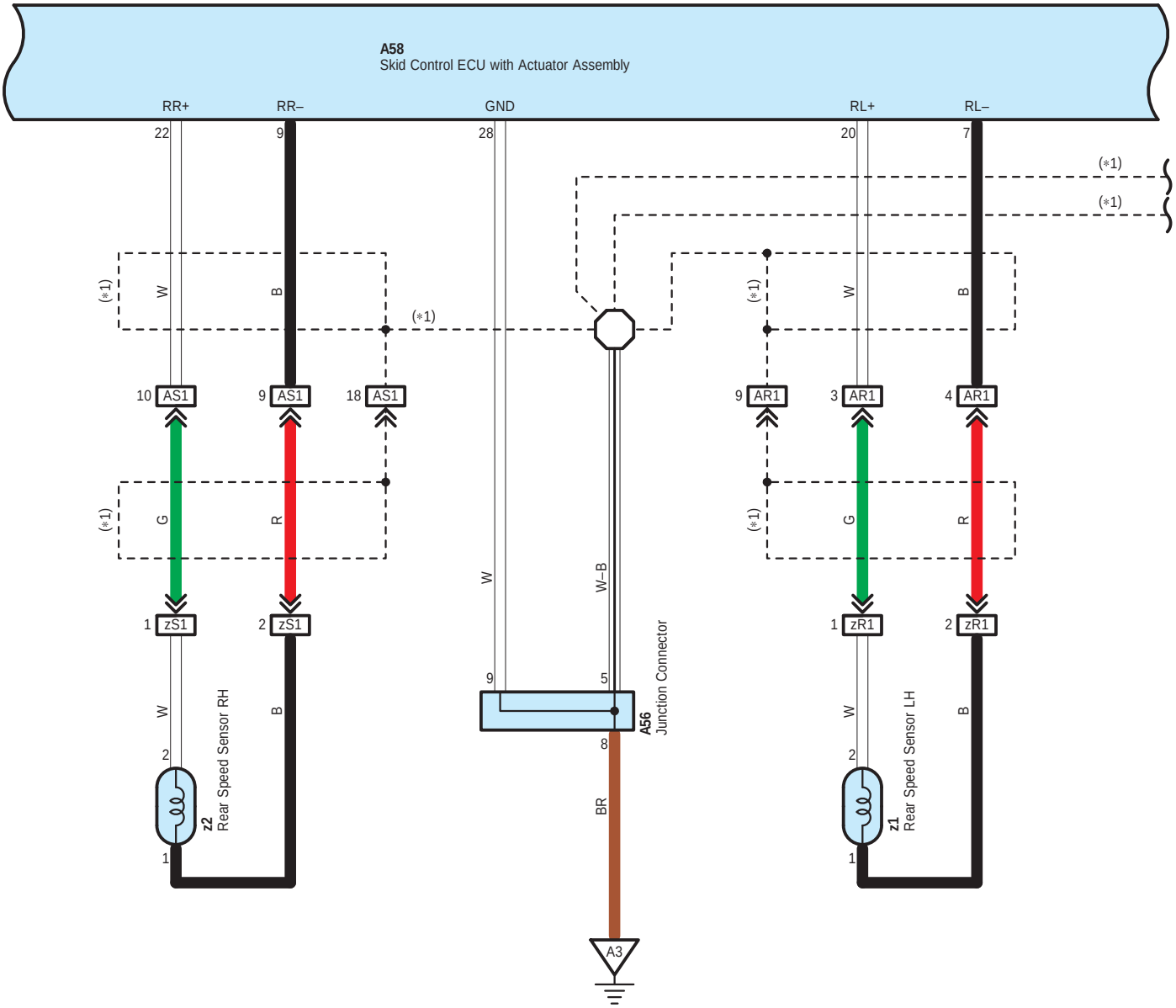
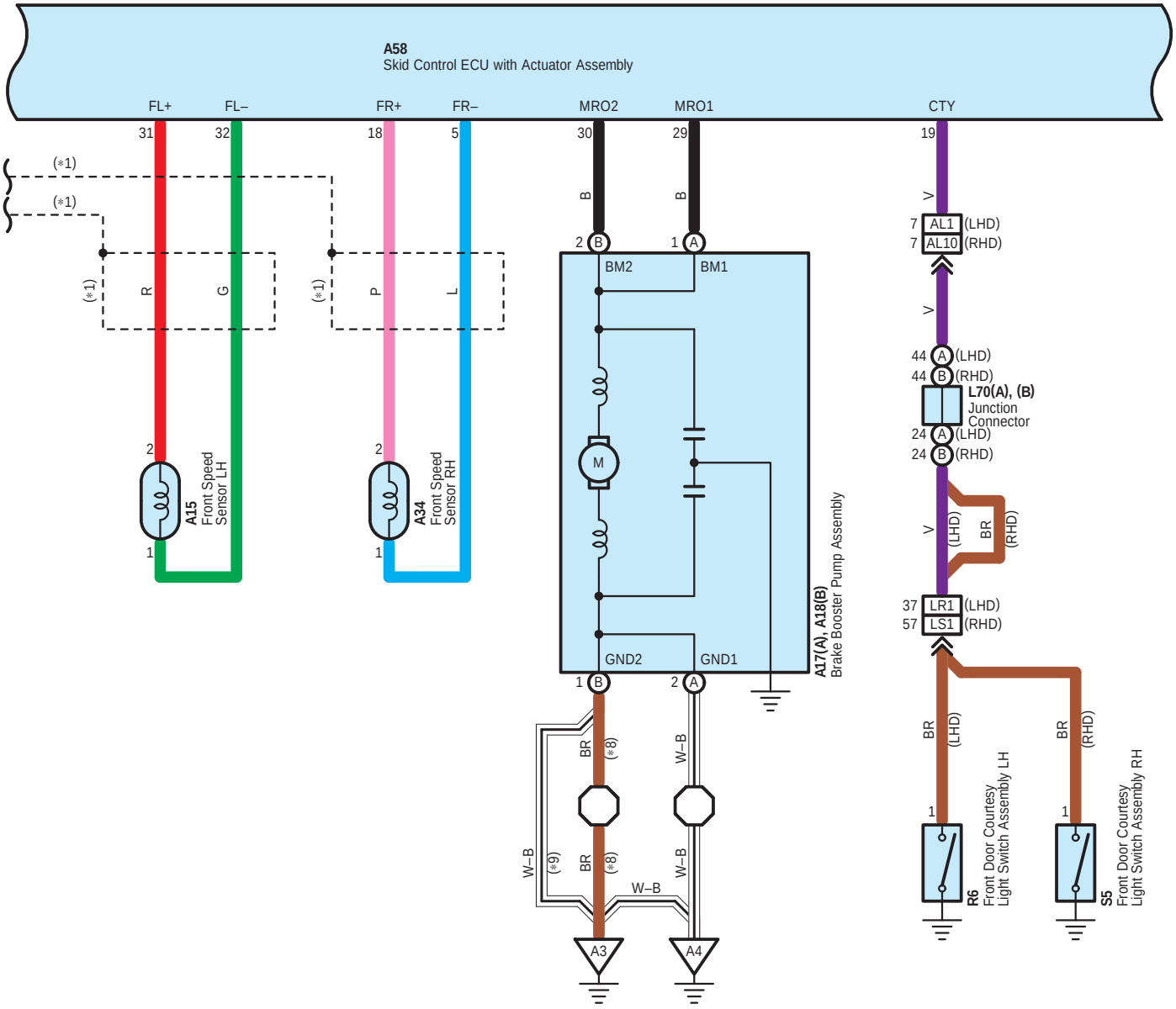
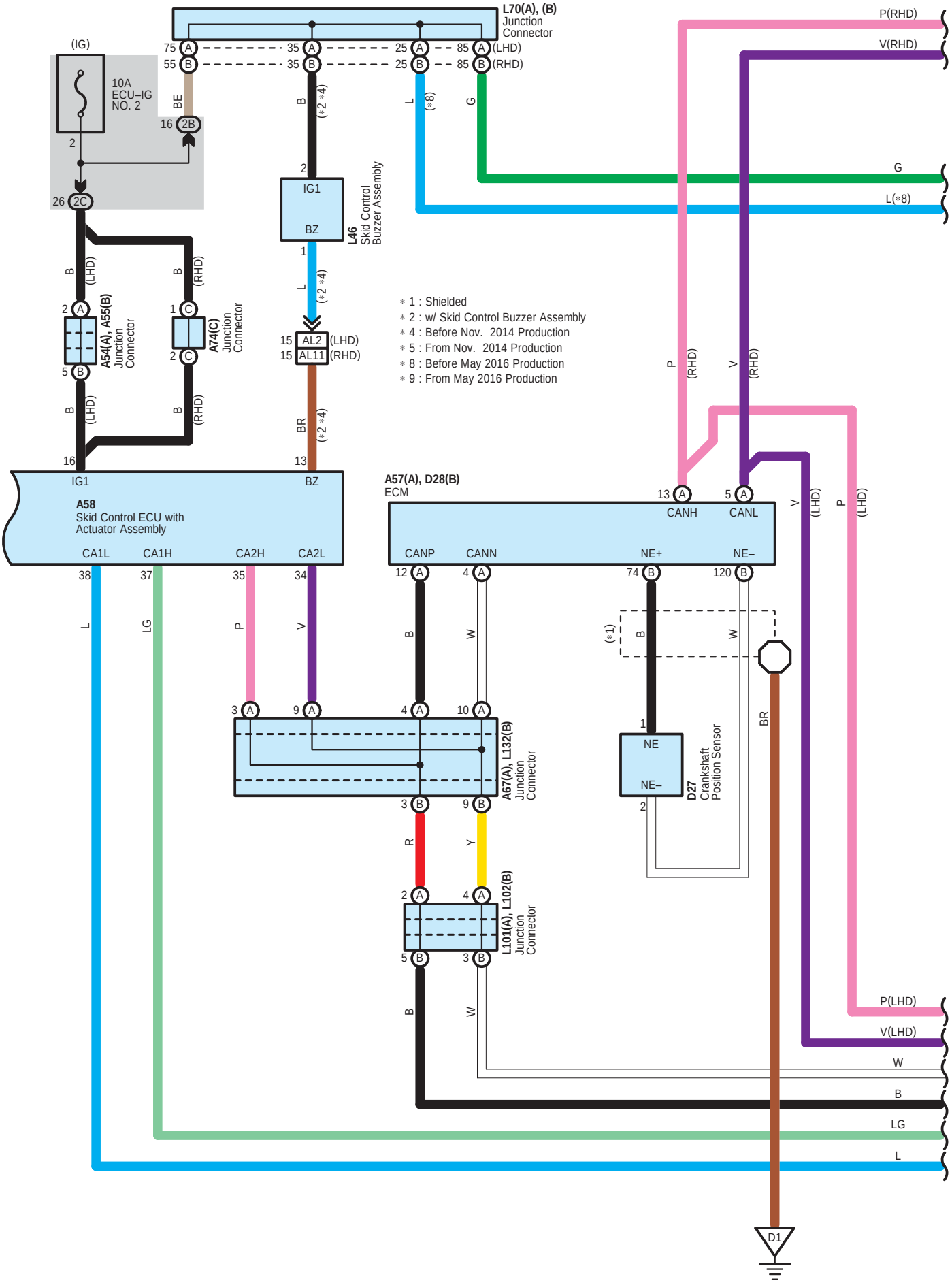

(BAT)
10A
STOP
2
11 2C
12 2C
(BAT)
30A
ABS
MTR 2
2
1
(BAT)
7. 5A
ABS MAIN
NO. 2
2
1
(BAT)
30A
ABS
MTR 1
2
1
B (*5)
B (*4)
R (*4)
R
W
B
A79(A), A80(B), A93(C)
Stop Light
Switch Assembly
7 A (*13 *6)
1 B (*13 *7)
7 C (*14)
B
L
OUT
ACC
GND
3 A
1 A
4 A
2 A (*13 *6)
2 B
3 B (*13 *7)
3 C (*14 *6)
1 C (*14)
4 C (*14 *6)
2 C (*14)
L (*5)
G (*5)
Y (*5)
W–B (*5)
2
1
A26
Stop Light
Switch Assembly
L (*4)
2
14
1
MRI2
BI
MRI1
A58
Skid Control ECU with Actuator Assembly
LBL
GND5
GND6
GND2
GND3
GND4
36
24
23
27
26
25
P
W–B
1
+
E
2
A32
Brake Fluid Level Warning Switch (Brake
Master Cylinder Reservoir Assembly)
W–B
Y(*5)
G(*5)
W–B(*4)
R(*4)
L(*4)
L(*5)
A1

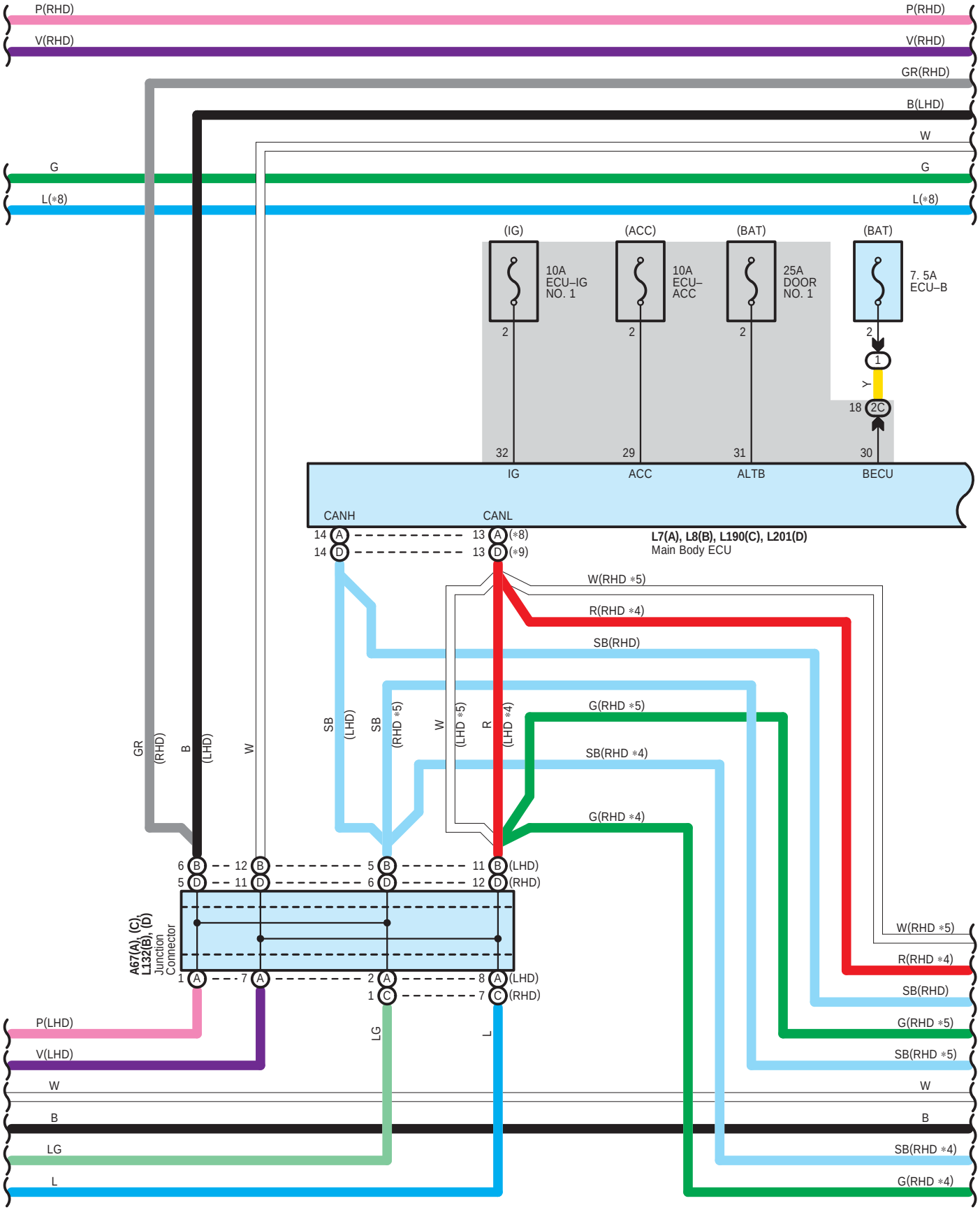

(BAT)
(IG)
20A
ABS MAIN
NO. 1
10A
IGN
∗ 4 : Before Nov. 2014 Production
∗ 5 : From Nov. 2014 Production
∗ 6 : w/ Dynamic Radar Cruise Control
∗ 7 : w/o Dynamic Radar Cruise Control
∗11 : Before Dec. 2017 Production
∗13 : Before Aug. 2020 Production
∗14 : From Aug. 2020 Production
L61
DLC3
A30(A), (B)
Brake Pedal Stroke Sensor Assembly
VCSK
SKS1
SKG
SKS2
BS
IG2
TS
SKS
A58
Skid Control ECU with Actuator Assembly
STPO
STP2
EXO
STP
HZRI
A50(A), (C), A51(B), (D)
Junction Connector
A50(C), A51(D), A52(A), A53(B)
Junction Connector
L71(A), (B)
Junction Connector
A28
Stop Light Control ECU Assembly
ACC
OUT
ESSI
GND
+B
STP
Hazard Switch
L57
Hazard Warning Signal Switch Assembly
L70(A), (B)
Junction Connector
L71(B)
Junction Connector
L3
L4
Y(∗5)
G(∗5)
W–B(∗4)
R(∗4)
L(∗4)
L(∗5)

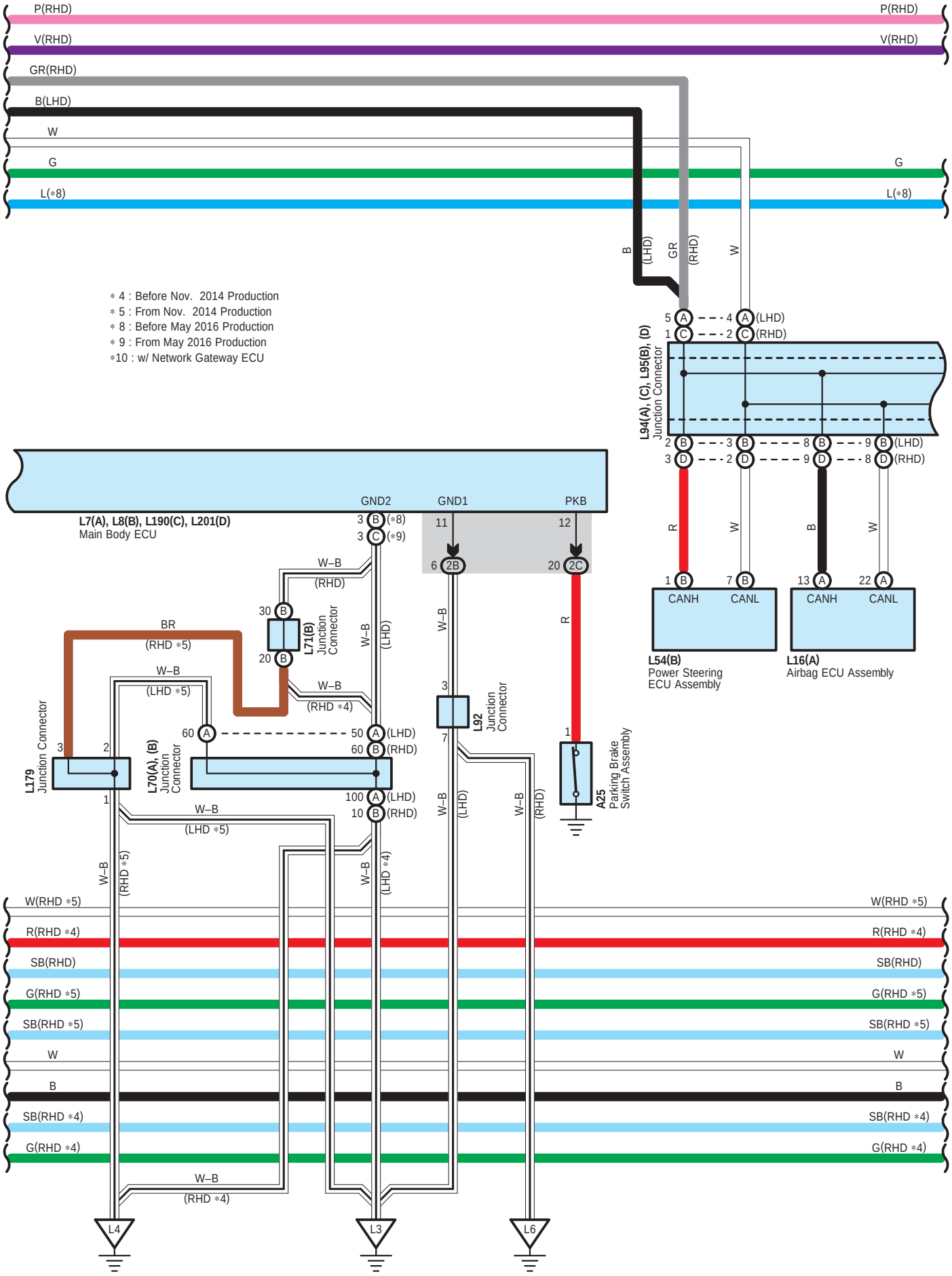
* 1 : Shielded
* 8 : Before May 2016 Production
* 9 : From May 2016 Production

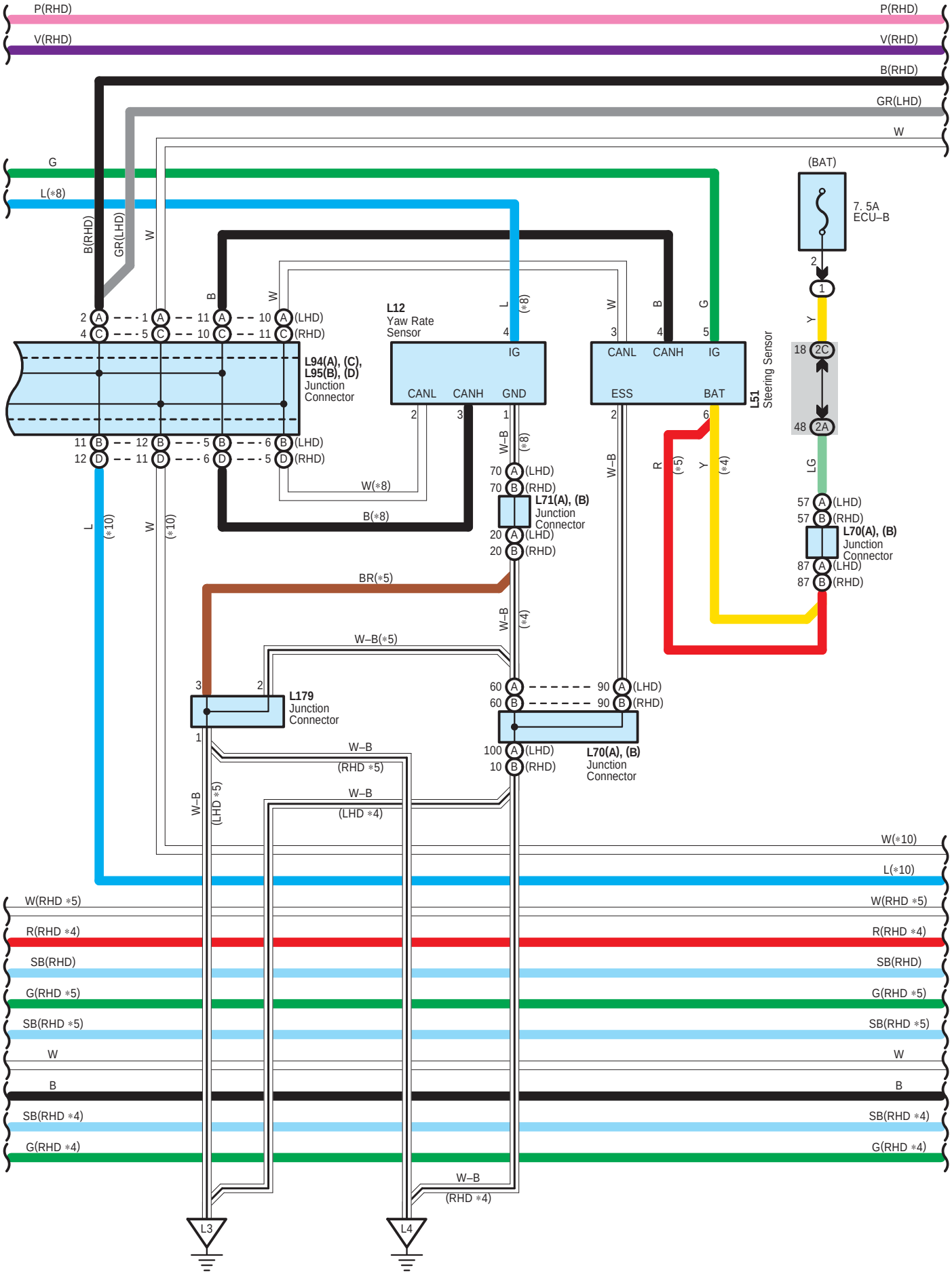


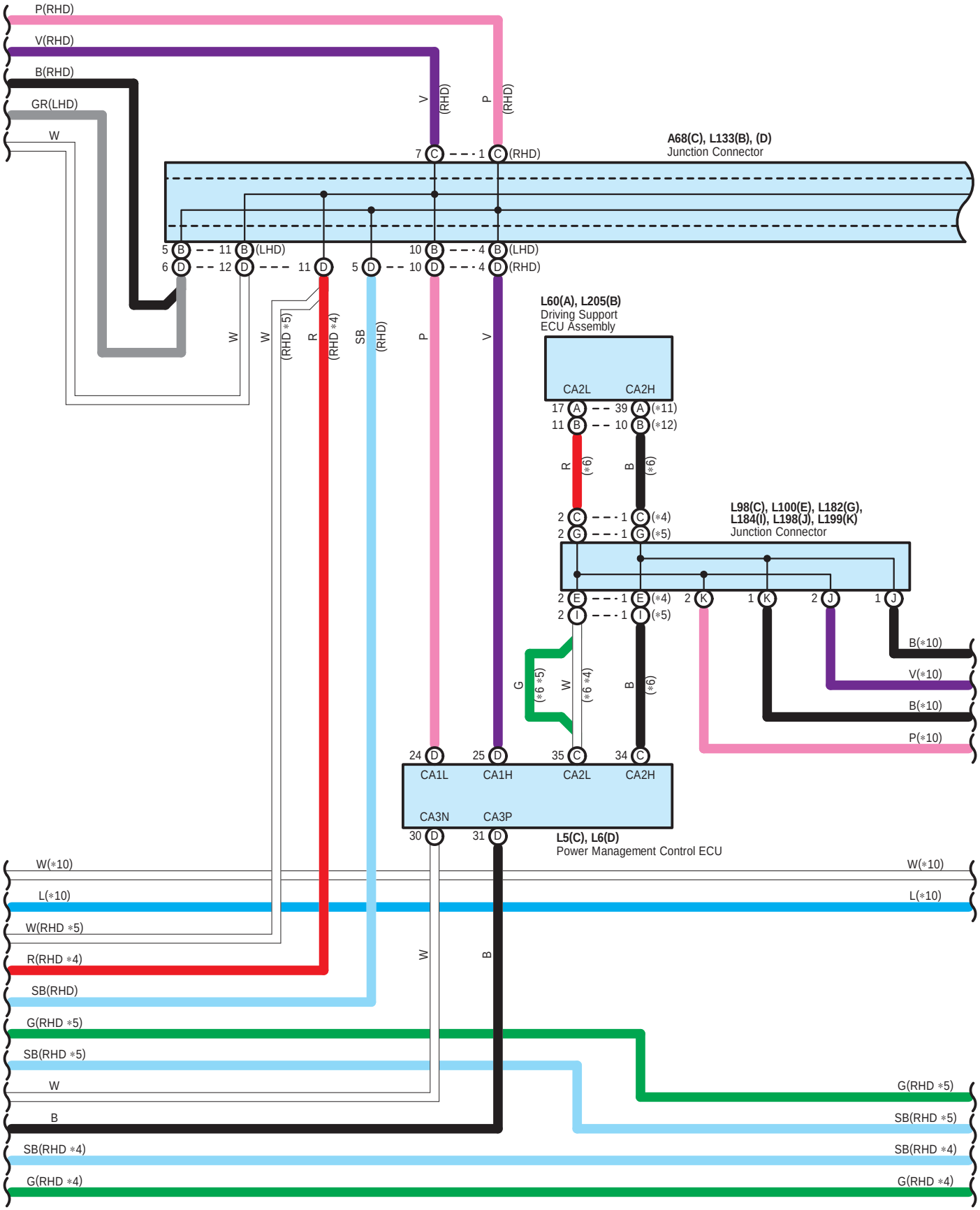

A58
Skid Control ECU with Actuator Assembly
FL+
FL–
FR+
FR–
MRO2
MRO1
CTY
31
32
18
5
30
29
19
(*1)
(*1)
(*1)
(*1)
R
G
P
L
B
B
V
V
2
1
2
1
2
1
A15
Front Speed Sensor LH
A34
Front Speed Sensor RH
BM2
BM1
M
GND2
GND1
A17(A), A18(B)
Brake Booster Pump Assembly
7 AL1 (LHD)
7 AL10 (RHD)
44 A (LHD)
44 B (RHD)
L70(A), (B)
Junction Connector
24 A (LHD)
24 B (RHD)
V
(LHD)
BR
(RHD)
37 LR1 (LHD)
57 LS1 (RHD)
BR
(LHD)
BR
(RHD)
1
1
R6
Front Door Courtesy Light Switch Assembly LH
S5
Front Door Courtesy Light Switch Assembly RH
BR
(*8)
W–B
W–B
(*9)
BR
(*8)
W–B
W–B
A3
A4

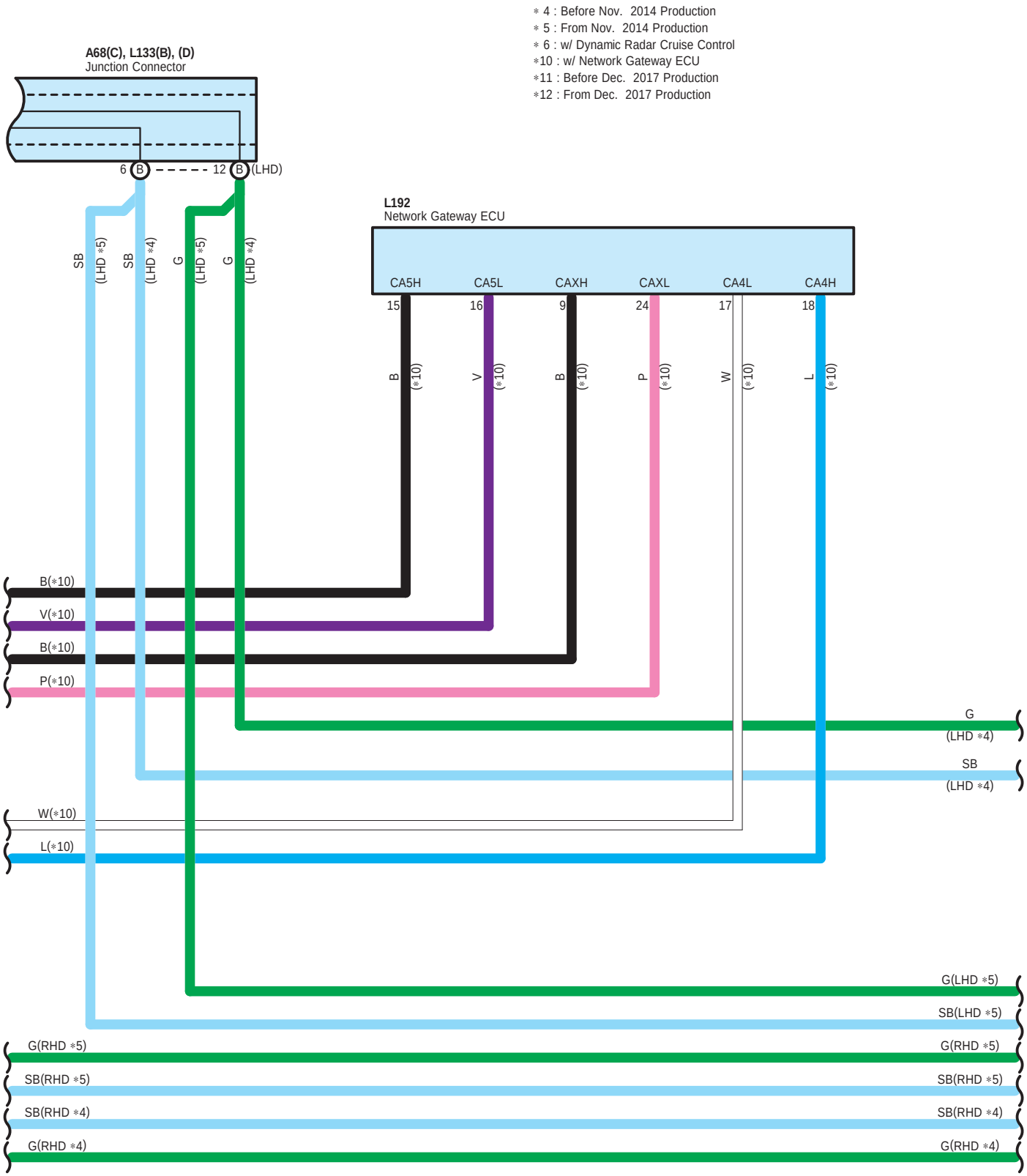

L70(A), (B)
Junction Connector
(IG)
10A ECU–IG NO. 2
BE
B
(*2 *4)
L
(*8)
G
P(RHD)
V(RHD)
G
L(*8)
IG1
BZ
L46
Skid Control Buzzer Assembly
L
(*2 *4)
* 1 : Shielded
* 2 : w/ Skid Control Buzzer Assembly
* 4 : Before Nov. 2014 Production
* 5 : From Nov. 2014 Production
* 8 : Before May 2016 Production
* 9 : From May 2016 Production
A54(A), A55(B) Junction Connector
A74(C) Junction Connector
AL2 (LHD)
AL11 (RHD)
BR
(*2 *4)
P (RHD)
V (RHD)
A58
Skid Control ECU with Actuator Assembly
CA1L
CA1H
CA2H
CA2L
A57(A), D28(B)
ECM
CANH
CANL
CANP
CANN
NE+
NE–
V (LHD)
P (LHD)
L
LG
P
V
B
W
(*1)
BR
NE
NE–
D27
Crankshaft Position Sensor
A67(A), L132(B) Junction Connector
R
Y
L101(A), L102(B) Junction Connector
P(LHD)
V(LHD)
W
B
LG
L
D1

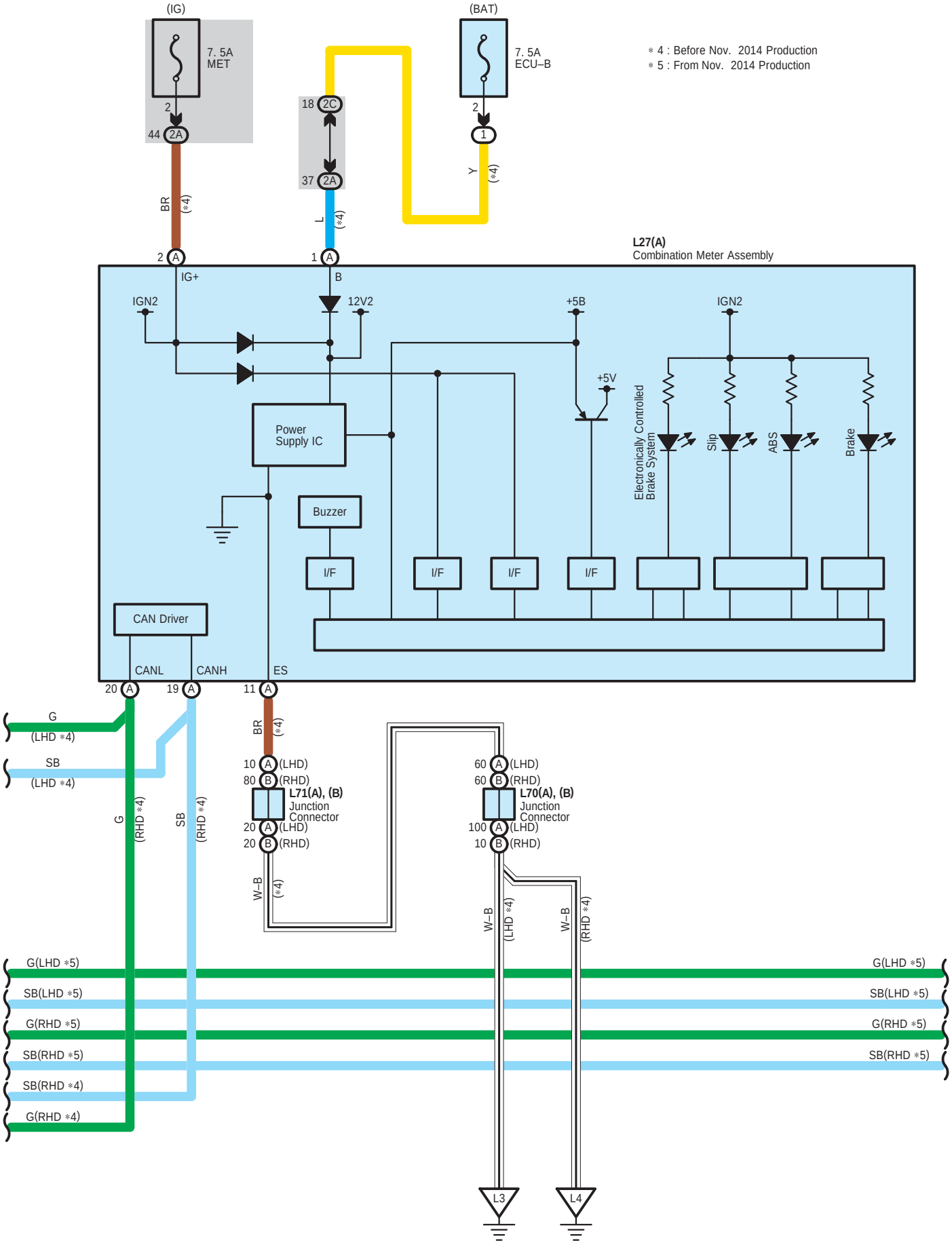

P(RHD)
V(RHD)
GR(RHD)
B(LHD)
W
G
L(*8)
(IG)
(ACC)
(BAT)
(BAT)
10A ECU–IG NO. 1
10A ECU– ACC
25A DOOR NO. 1
7. 5A ECU–B
2
1
Y
18 2C
32 IG
29 ACC
31 ALTB
30 BECU
CANH
CANL
14 A
14 D
13 A (*8)
13 D (*9)
L7(A), L8(B), L190(C), L201(D)
Main Body ECU
W(RHD *5)
R(RHD *4)
SB(RHD)
G(RHD *5)
SB(RHD *4)
G(RHD *4)
GR (RHD)
B (LHD)
W
SB (LHD)
SB (RHD *5)
W (LHD *5)
R (LHD *4)
6 B
5 D
12 B
11 D
5 B
6 D
11 B (LHD)
12 D (RHD)
A67(A), (C), L132(B), (D) Junction Connector
1 A
7 A
2 A
1 C
8 A (LHD)
7 C (RHD)
P(LHD)
V(LHD)
W
B
LG
L
LG
L
W(RHD *5)
R(RHD *4)
SB(RHD)
G(RHD *5)
SB(RHD *5)
W
B
SB(RHD *4)
G(RHD *4)

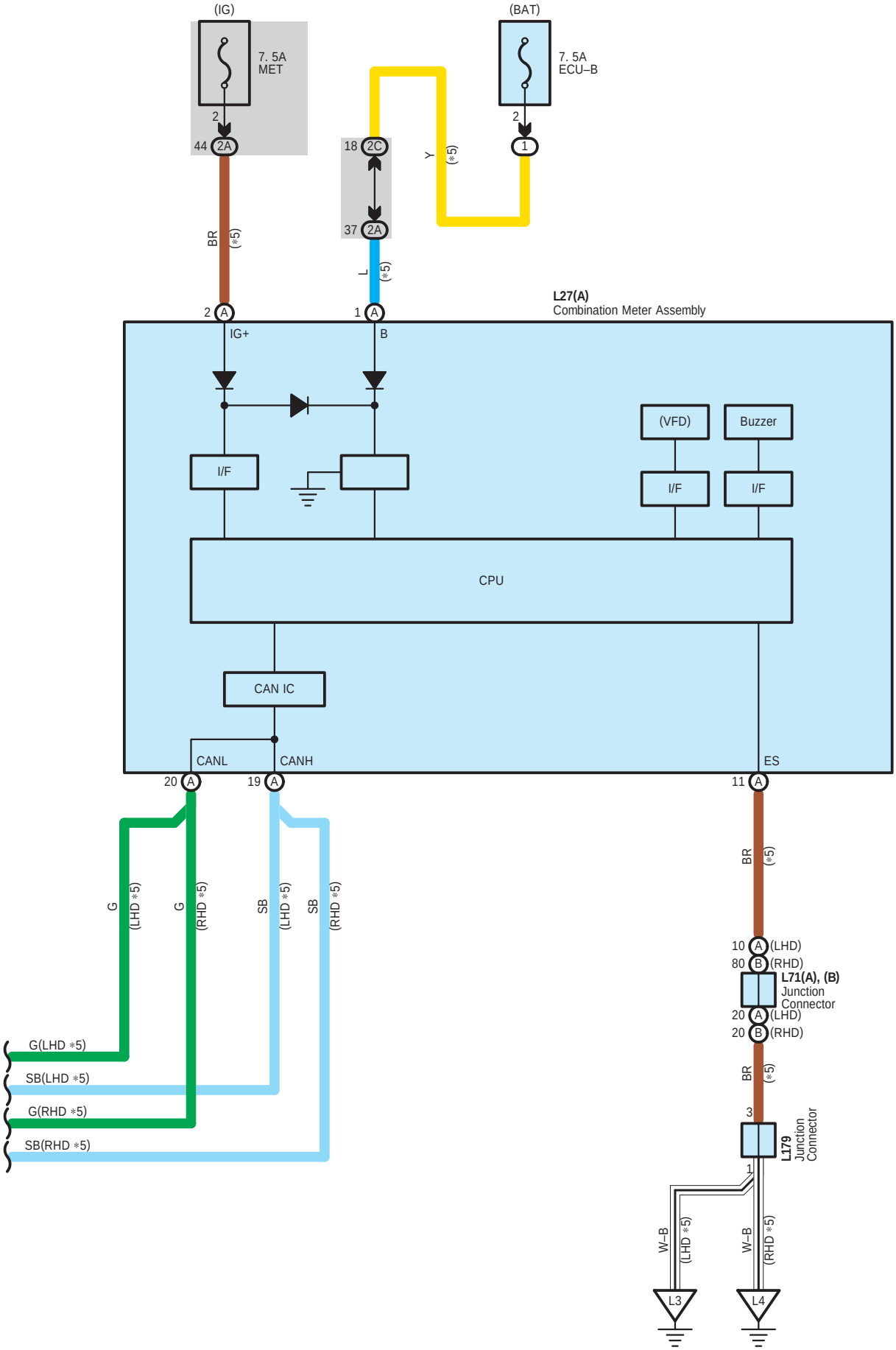

P(RHD)
V(RHD)
GR(RHD)
B(LHD)
W
G
L(*8)
P(RHD)
V(RHD)
G
L(*8)
B (LHD)
GR (RHD)
W
* 4 : Before Nov. 2014 Production
* 5 : From Nov. 2014 Production
* 8 : Before May 2016 Production
* 9 : From May 2016 Production
*10 : w/ Network Gateway ECU
L94(A), (C), L95(B), (D) Junction Connector
5 A 4 A (LHD)
1 C 2 C (RHD)
2 B 3 B 8 B 9 B (LHD)
3 D 2 D 9 D 8 D (RHD)
R
W
B
W
1 B CANH
7 B CANL
13 A CANH
22 A CANL
L54(B)
Power Steering ECU Assembly
L16(A)
Airbag ECU Assembly
GND2
GND1
PKB
L7(A), L8(B), L190(C), L201(D)
Main Body ECU
3 B (*8)
3 C (*9)
11
12
6 2B
20 2C
W–B (RHD)
30 B
20 B
L71(B) Junction Connector
W–B (LHD)
BR (RHD *5)
W–B (LHD *5)
W–B (RHD *4)
W–B
R
3
L92 Junction Connector
7
1
A25 Parking Brake Switch Assembly
L179 Junction Connector
3
2
1
60 A
50 A (LHD)
60 B (RHD)
L70(A), (B) Junction Connector
100 A (LHD)
10 B (RHD)
W–B (LHD *5)
W–B (RHD *5)
W–B (LHD *4)
W–B (LHD)
W–B (RHD)
W(RHD *5)
R(RHD *4)
SB(RHD)
G(RHD *5)
SB(RHD *5)
W
B
SB(RHD *4)
G(RHD *4)
W–B (RHD *4)
L4
L3
L6


P(RHD)
V(RHD)
B(RHD)
GR(LHD)
W
G
L(*8)
(BAT)
7. 5A
ECU–B
L12
Yaw Rate
Sensor
IG
CANL
CANH
GND
ESS
BAT
L51
Steering Sensor
L94(A), (C),
L95(B), (D)
Junction
Connector
L71(A), (B)
Junction
Connector
L70(A), (B)
Junction
Connector
L179
Junction
Connector
(LHD)
(RHD)
W(*8)
B(*8)
W–B(*8)
BR(*5)
W–B(*5)
W–B
(RHD *5)
W–B
(LHD *4)
W–B
(LHD *5)
W–B
(RHD *4)
L(*10)
W(*10)
W(RHD *5)
R(RHD *4)
SB(RHD)
G(RHD *5)
SB(RHD *5)
W
B
SB(RHD *4)
G(RHD *4)
L3
L4

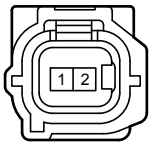

P(RHD)
V(RHD)
B(RHD)
GR(LHD)
W
V (RHD)
P (RHD)
A68(C), L133(B), (D)
Junction Connector
7 C 1 C (RHD)
5 B 11 B (LHD)
6 D 12 D 11 D
5 D 10 D 4 D (RHD)
10 B 4 B (LHD)
W
W
(RHD ∗5)
R
(RHD ∗4)
SB
(RHD)
P
V
L60(A), L205(B)
Driving Support
ECU Assembly
CA2L CA2H
17 A 39 A (∗11)
11 B 10 B (∗12)
R (∗6)
B (∗6)
2 C 1 C (∗4)
2 G 1 G (∗5)
L98(C), L100(E), L182(G),
L184(I), L198(J), L199(K)
Junction Connector
2 E 1 E (∗4)
2 I 1 I (∗5)
2 K 1 K 2 J 1 J
B(∗10)
V(∗10)
B(∗10)
P(∗10)
G (∗6 ∗5)
W (∗6 ∗4)
B (∗6)
24 D 25 D 35 C 34 C
CA1L CA1H CA2L CA2H
CA3N CA3P
30 D 31 D
L5(C), L6(D)
Power Management Control ECU
W(∗10)
W(∗10)
L(∗10)
L(∗10)
W(RHD ∗5)
R(RHD ∗4)
SB(RHD)
G(RHD ∗5)
SB(RHD ∗5)
W
B
G(RHD ∗5)
SB(RHD ∗5)
B
SB(RHD ∗4)
SB(RHD ∗4)
G(RHD ∗4)
G(RHD ∗4)


∗ 4 : Before Nov. 2014 Production
∗ 5 : From Nov. 2014 Production
∗ 6 : w/ Dynamic Radar Cruise Control
∗10 : w/ Network Gateway ECU
∗11 : Before Dec. 2017 Production
∗12 : From Dec. 2017 Production
A68(C), L133(B), (D)
Junction Connector
6 B
12 B (LHD)
L192
Network Gateway ECU
CA5H
CA5L
CAXH
CAXL
CA4L
CA4H
15
16
9
24
17
18
SB (LHD ∗5)
SB (LHD ∗4)
G (LHD ∗5)
G (LHD ∗4)
B (∗10)
V (∗10)
B (∗10)
P (∗10)
W (∗10)
L (∗10)
B(∗10)
V(∗10)
B(∗10)
P(∗10)
G (LHD ∗4)
SB (LHD ∗4)
W(∗10)
L(∗10)
G(LHD ∗5)
SB(LHD ∗5)
G(RHD ∗5)
SB(RHD ∗5)
SB(RHD ∗4)
G(RHD ∗4)
G(RHD ∗5)
SB(RHD ∗5)
SB(RHD ∗4)
G(RHD ∗4)


(IG)
7. 5A
MET
2
44 2A
BR
(*4)
2 A
(BAT)
7. 5A
ECU–B
2
1
Y
(*4)
18 2C
37 2A
L
(*4)
1 A
* 4 : Before Nov. 2014 Production
* 5 : From Nov. 2014 Production
L27(A)
Combination Meter Assembly
IG+
B
IGN2
12V2
+5B
IGN2
+5V
Power
Supply IC
Buzzer
I/F
I/F
I/F
I/F
Electronically Controlled
Brake System
Slip
ABS
Brake
CAN Driver
CANL
CANH
ES
20 A
19 A
11 A
G
(LHD *4)
SB
(LHD *4)
G
(RHD *4)
SB
(RHD *4)
BR
(*4)
10 A (LHD)
80 B (RHD)
L71(A), (B)
Junction
Connector
20 A (LHD)
20 B (RHD)
W–B
(*4)
60 A (LHD)
60 B (RHD)
L70(A), (B)
Junction
Connector
100 A (LHD)
10 B (RHD)
W–B
(LHD *4)
W–B
(RHD *4)
G(LHD *5)
SB(LHD *5)
G(RHD *5)
SB(RHD *5)
SB(RHD *4)
G(RHD *4)
G(LHD *5)
SB(LHD *5)
G(RHD *5)
SB(RHD *5)
L3
L4


(IG)
7. 5A
MET
2
44 2A
BR
(*5)
(BAT)
7. 5A
ECU–B
2
1
18 2C
Y
(*5)
37 2A
L
(*5)
L27(A)
Combination Meter Assembly
2 A
IG+
1 A
B
I/F
(VFD)
Buzzer
I/F
I/F
CPU
CAN IC
CANL
CANH
ES
20 A
19 A
11 A
G
(LHD *5)
G
(RHD *5)
SB
(LHD *5)
SB
(RHD *5)
BR
(*5)
10 A (LHD)
80 B (RHD)
L71(A), (B)
Junction
Connector
20 A (LHD)
20 B (RHD)
BR
(*5)
3
L179
Junction
Connector
1
W–B
(LHD *5)
W–B
(RHD *5)
L3
L4
G(LHD *5)
SB(LHD *5)
G(RHD *5)
SB(RHD *5)

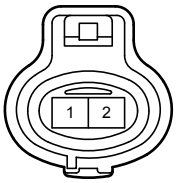
A 15
Black




A 17
Gray



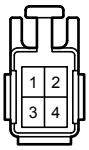

A 18
White



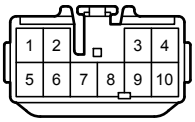

A 25
White



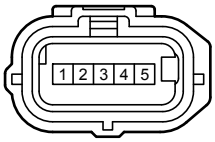

A 26
White



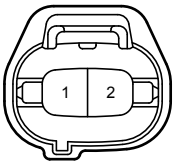

A 28
Black



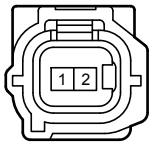

A 30
Black



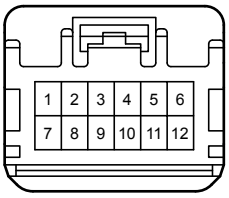

A 32
Black



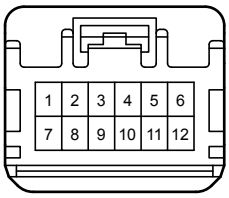

A 34
Black



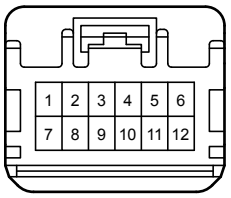

A 50
White



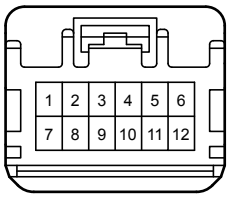

A 51
White



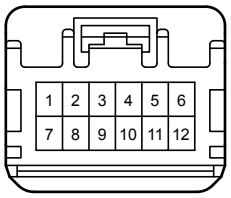

A 52
Black



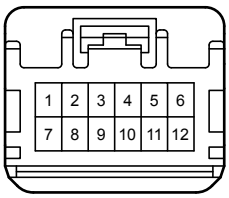

A 53
Black



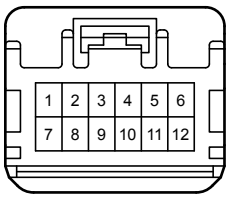

A 54
Black



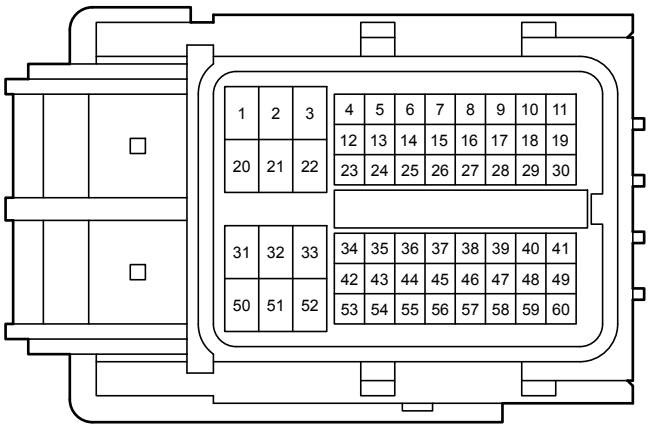

A 55
Black



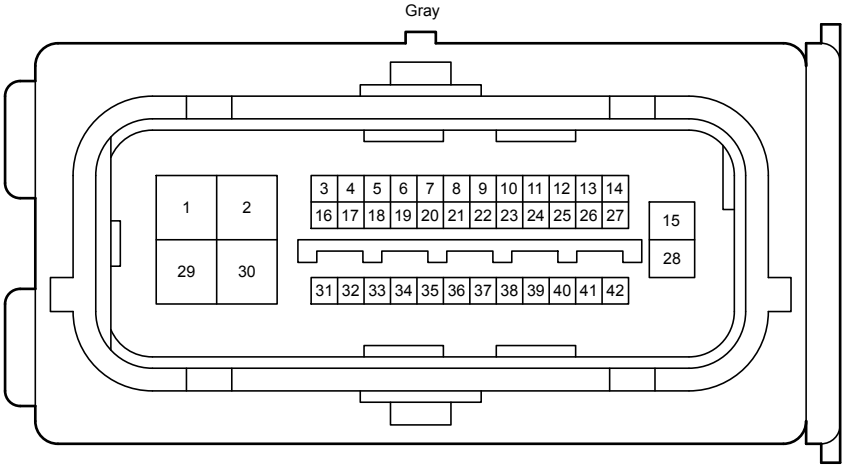

A 56
White



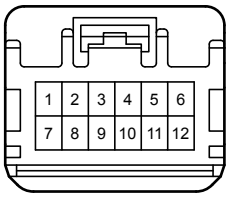

A 57
Black



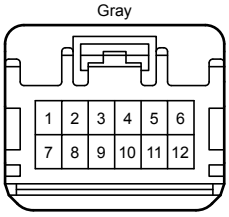
A 58
Gray



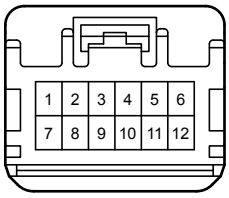

A 67
Blue



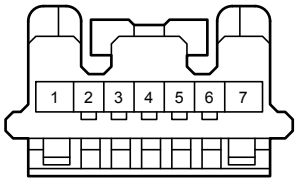

A 68
Gray



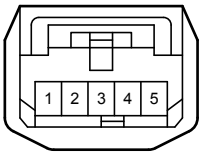

A 74
Black



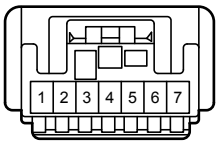

A 79
Black



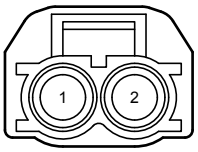

A 80
Blue



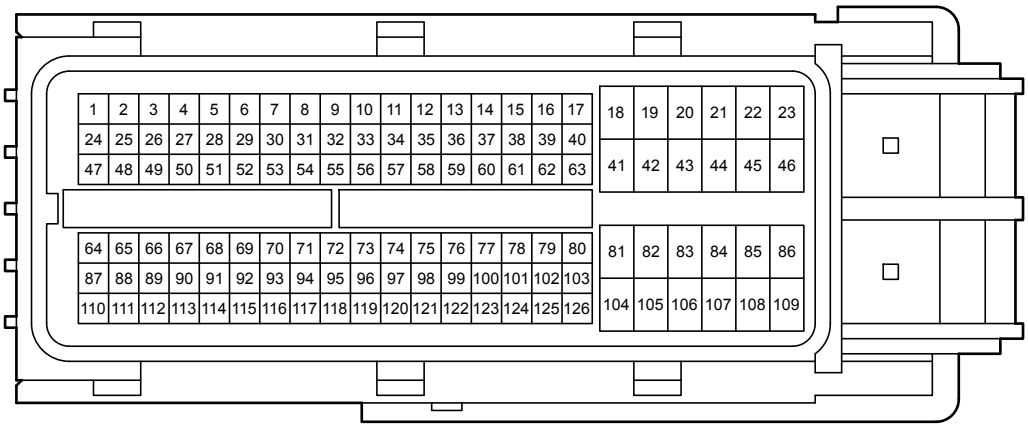

A 93
Blue



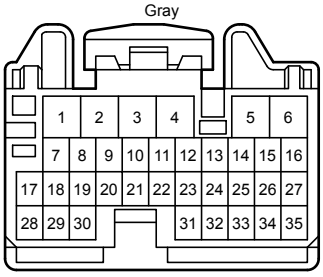

D 27
Black



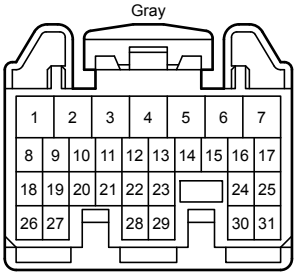

D 28
Black



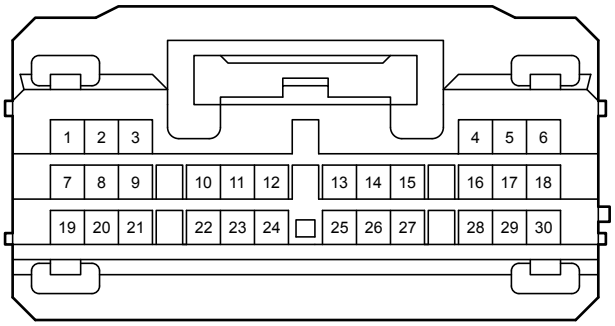
L 5
Gray



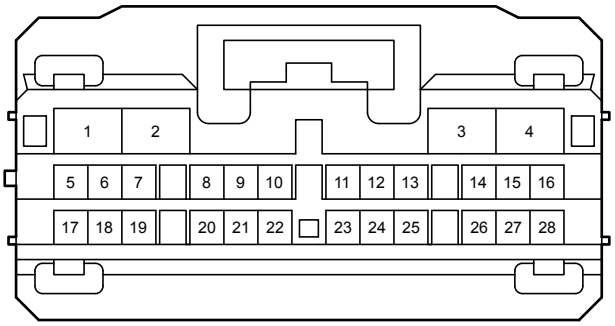

L 6
Gray



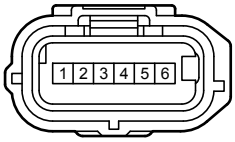

L 7
White



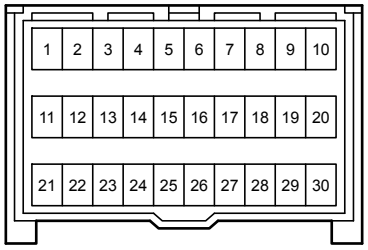

L 8
White



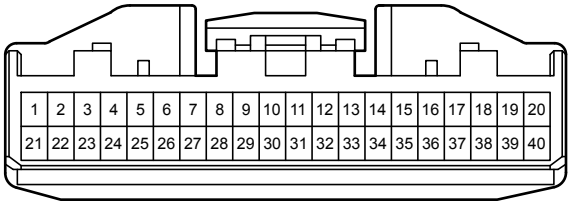

L 12
Black



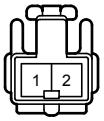

L 16
Yellow



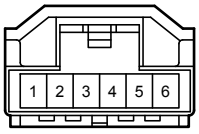

L 27
White



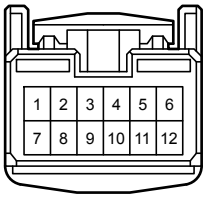

L 46
Blue



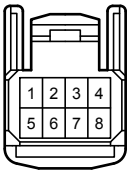

L 51
White



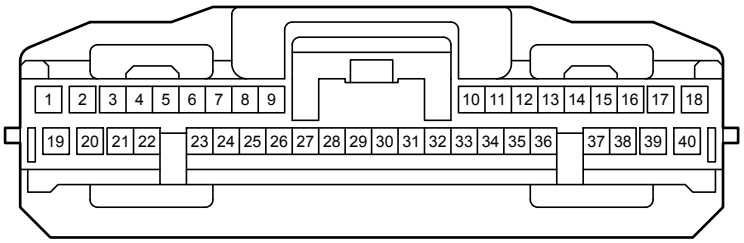

L 54
White



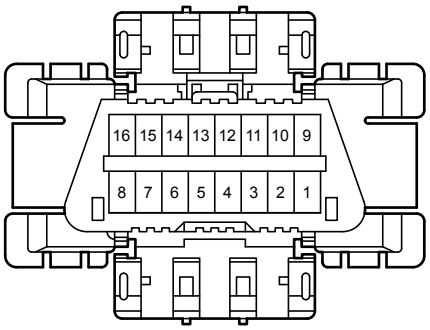

L 57
Black



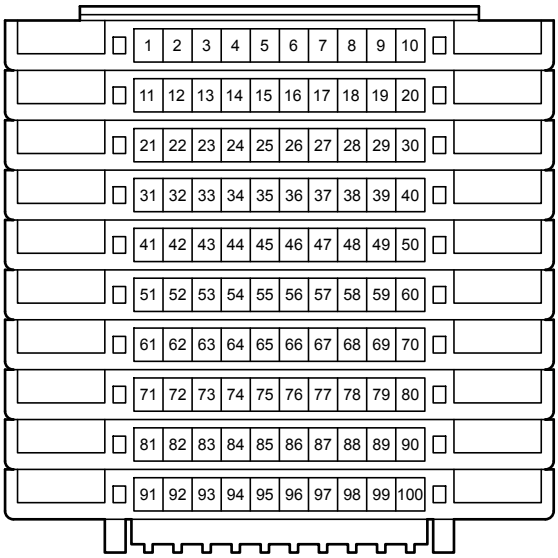

L 60
White



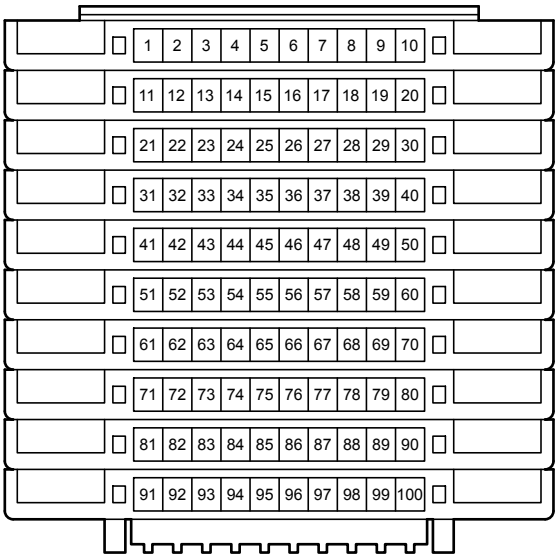

L 61
White



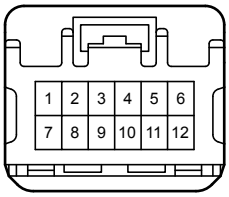
L 70
White



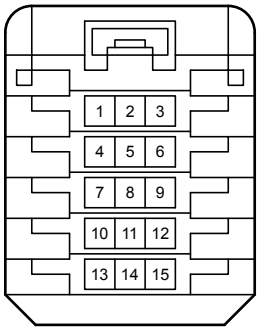

L 71
White



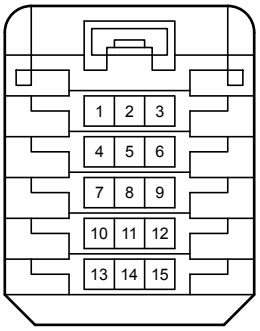

L 92
White



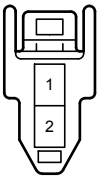

L 94
White



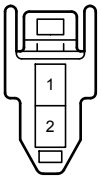

L 95
White



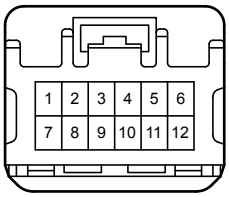

L 98
White



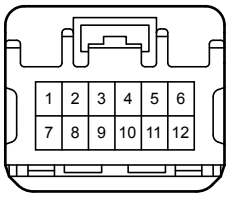

L100
White



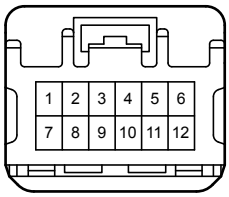

L101
White



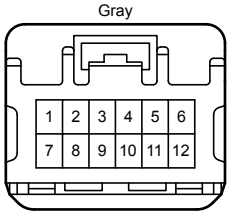

L102
White



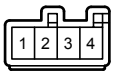

L132
Blue



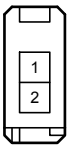

L133
Gray



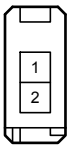

L179
Black



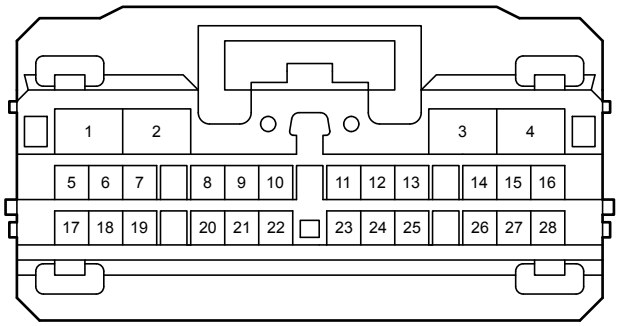

L182
White



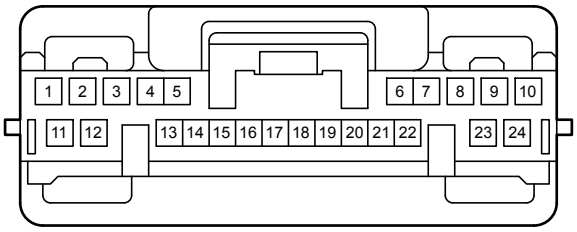

L184
White



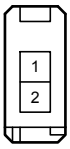

L190
White



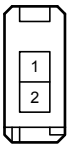
L192
Black



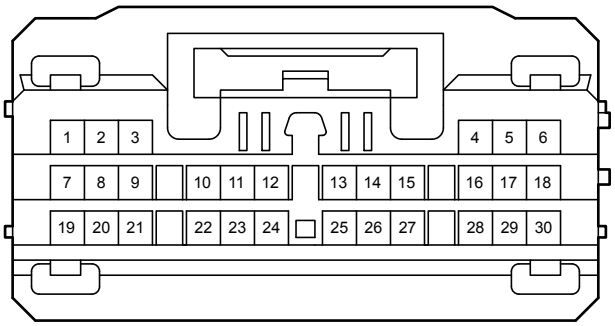

L198
White



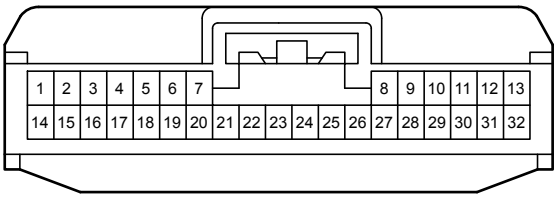

L199
White




L201
White




L205
White



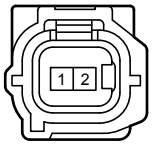

R 6
Black



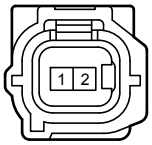

S 5
Black



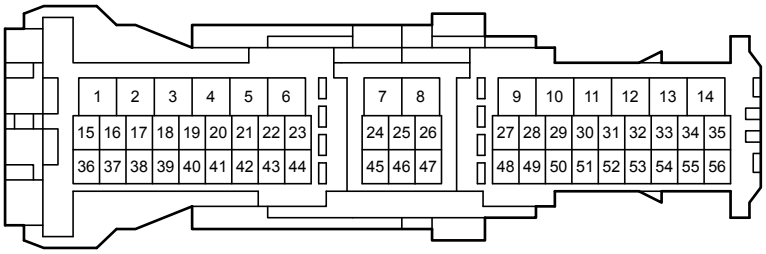

z 1
Black



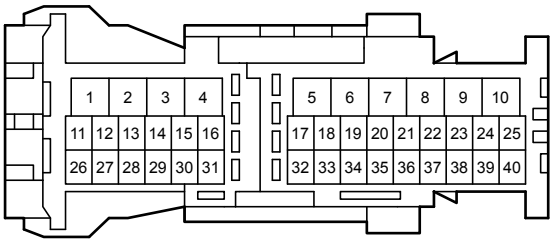

z 2
Black



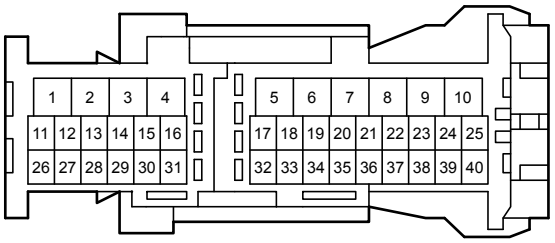

2A
White



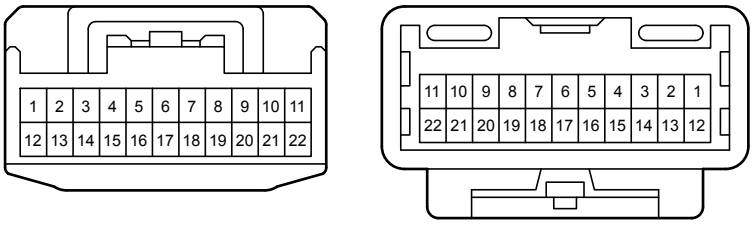

2B
White



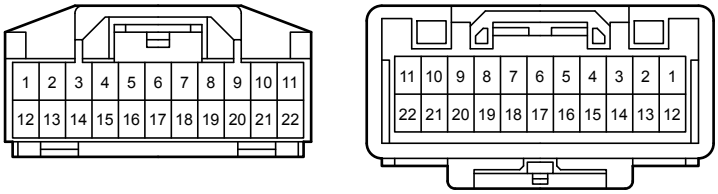

2C
White



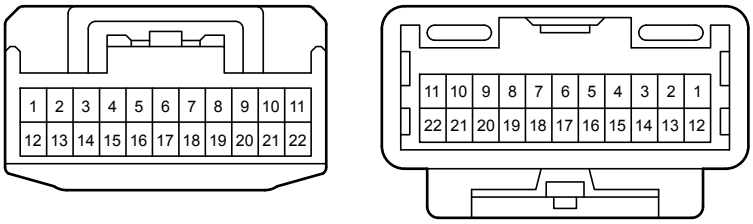
AL1
White



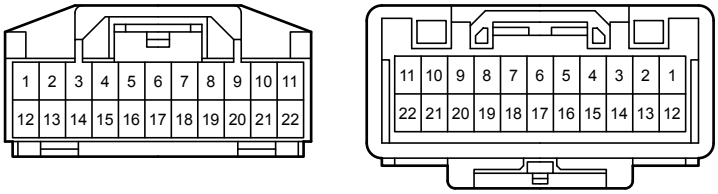

AL2
Gray



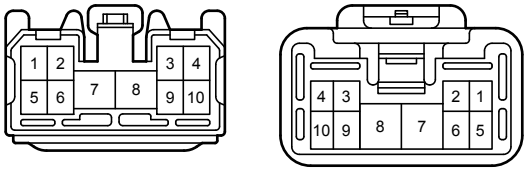

AL10
Blue

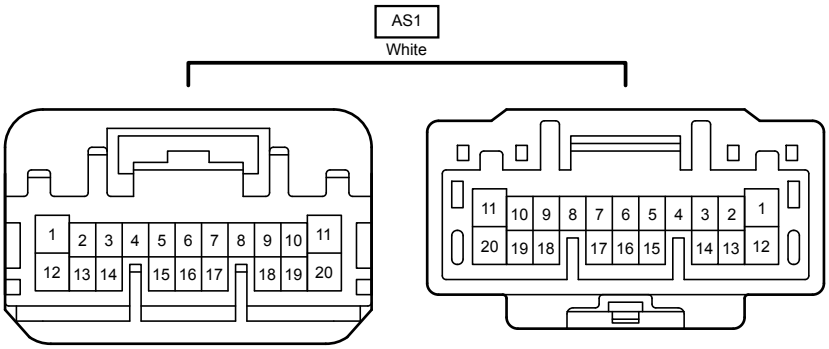


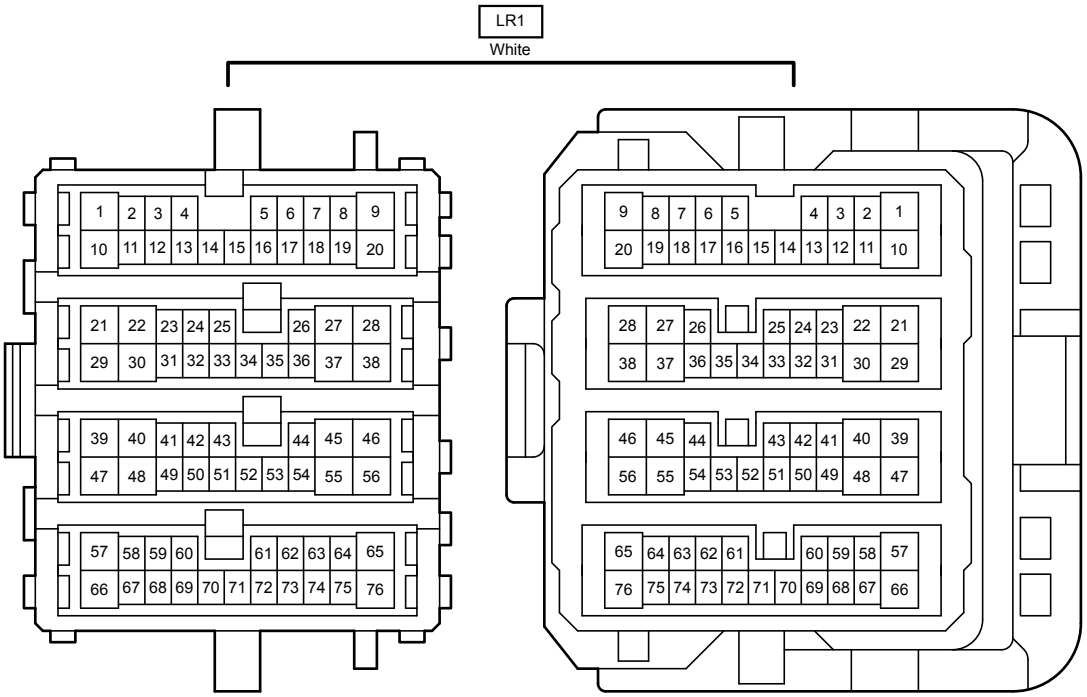

AL11
White

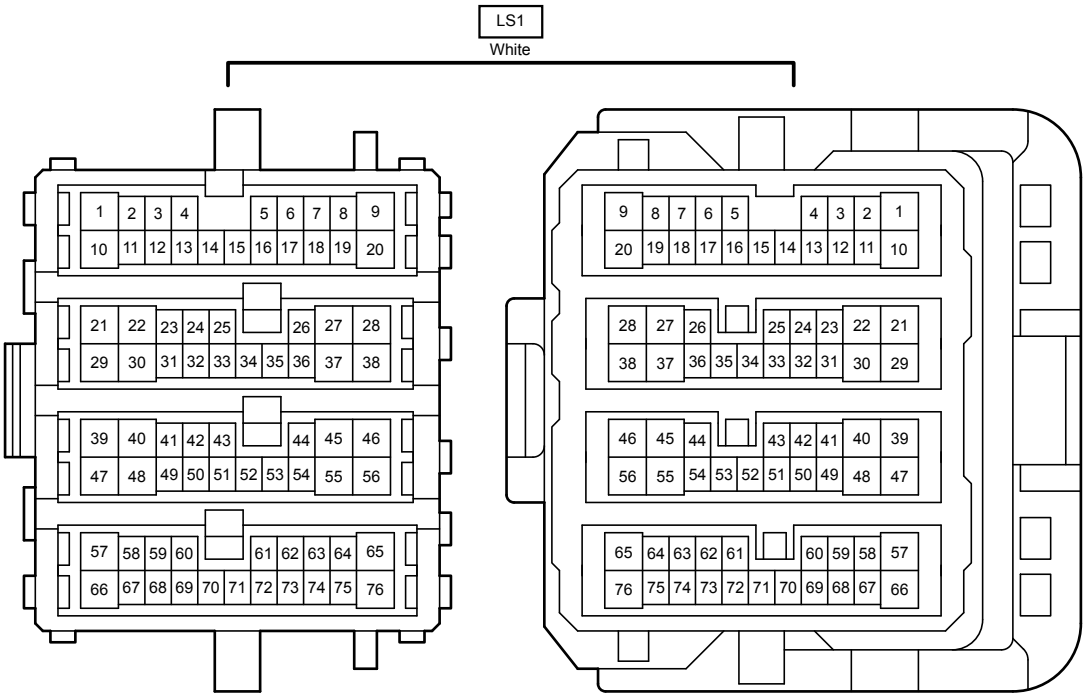


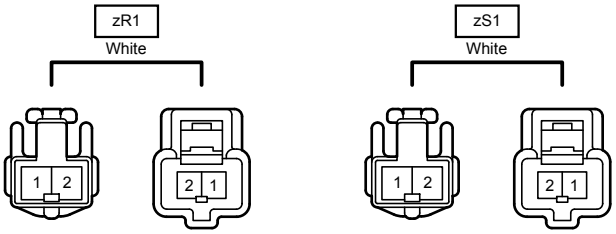

AR1
White




AS1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12


LR1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44 45 46
47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64 65
66 67 68 69 70 71 72 73 74 75 76
9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12 11 10
28 27 26 25 24 23 22 21
38 37 36 35 34 33 32 31 30 29
46 45 44 43 42 41 40 39
56 55 54 53 52 51 50 49 48 47
65 64 63 62 61 60 59 58 57
76 75 74 73 72 71 70 69 68 67 66


LS1
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18 19 20
21 22 23 24 25 26 27 28
29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44 45 46
47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64 65
66 67 68 69 70 71 72 73 74 75 76
9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12 11 10
28 27 26 25 24 23 22 21
38 37 36 35 34 33 32 31 30 29
46 45 44 43 42 41 40 39
56 55 54 53 52 51 50 49 48 47
65 64 63 62 61 60 59 58 57
76 75 74 73 72 71 70 69 68 67 66


zR1
White
1 2
2 1
zS1
White
1 2
2 1