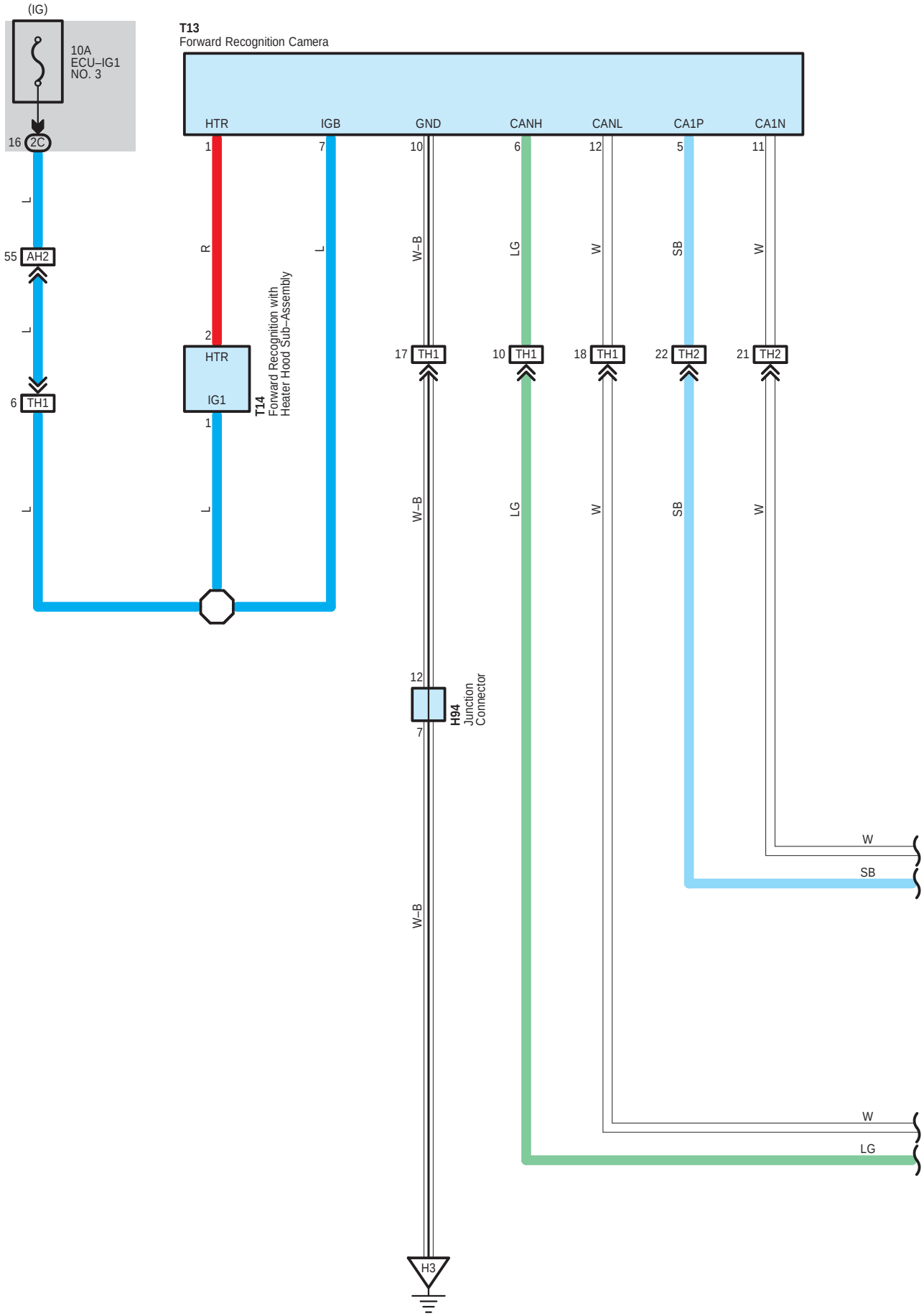
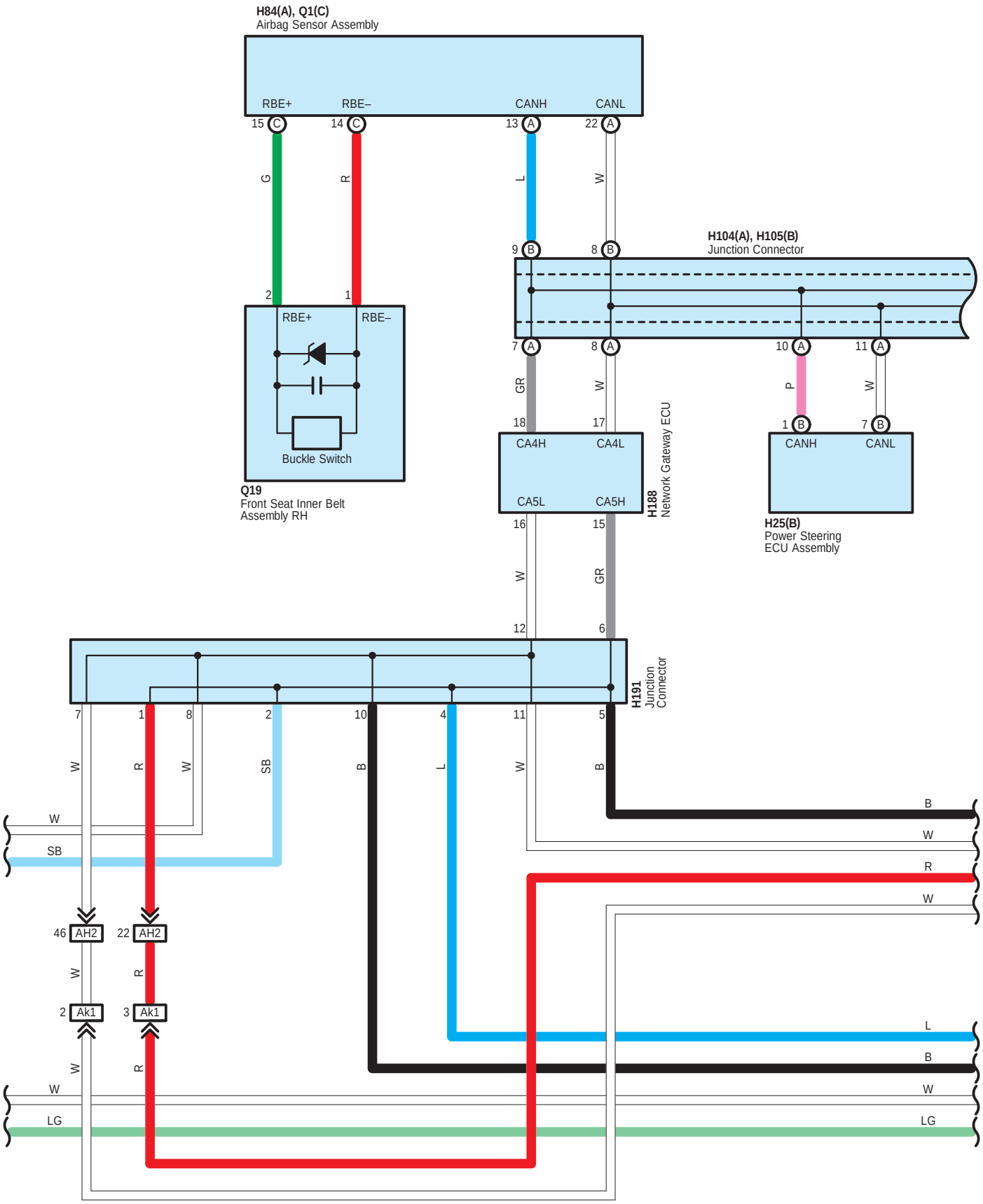
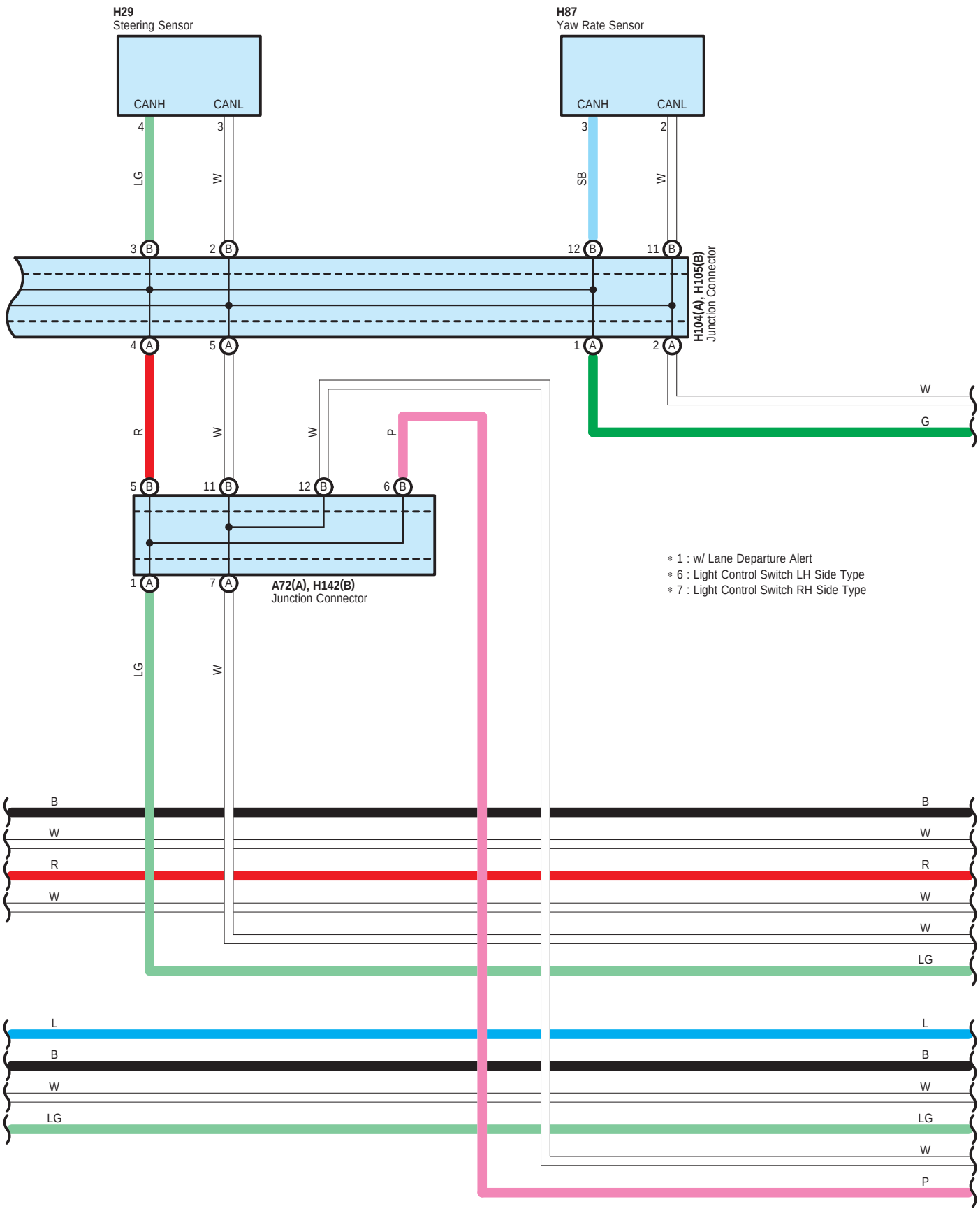
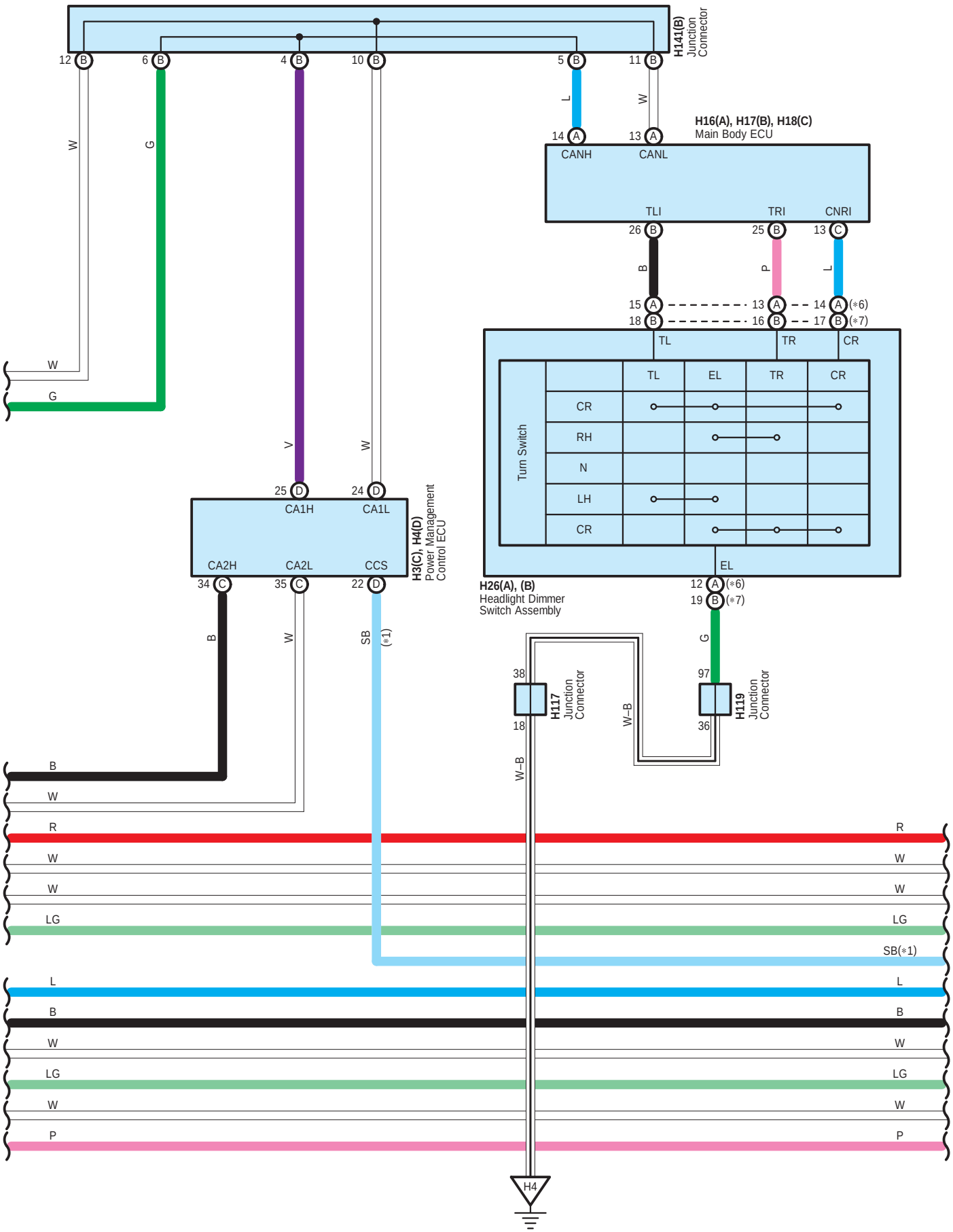
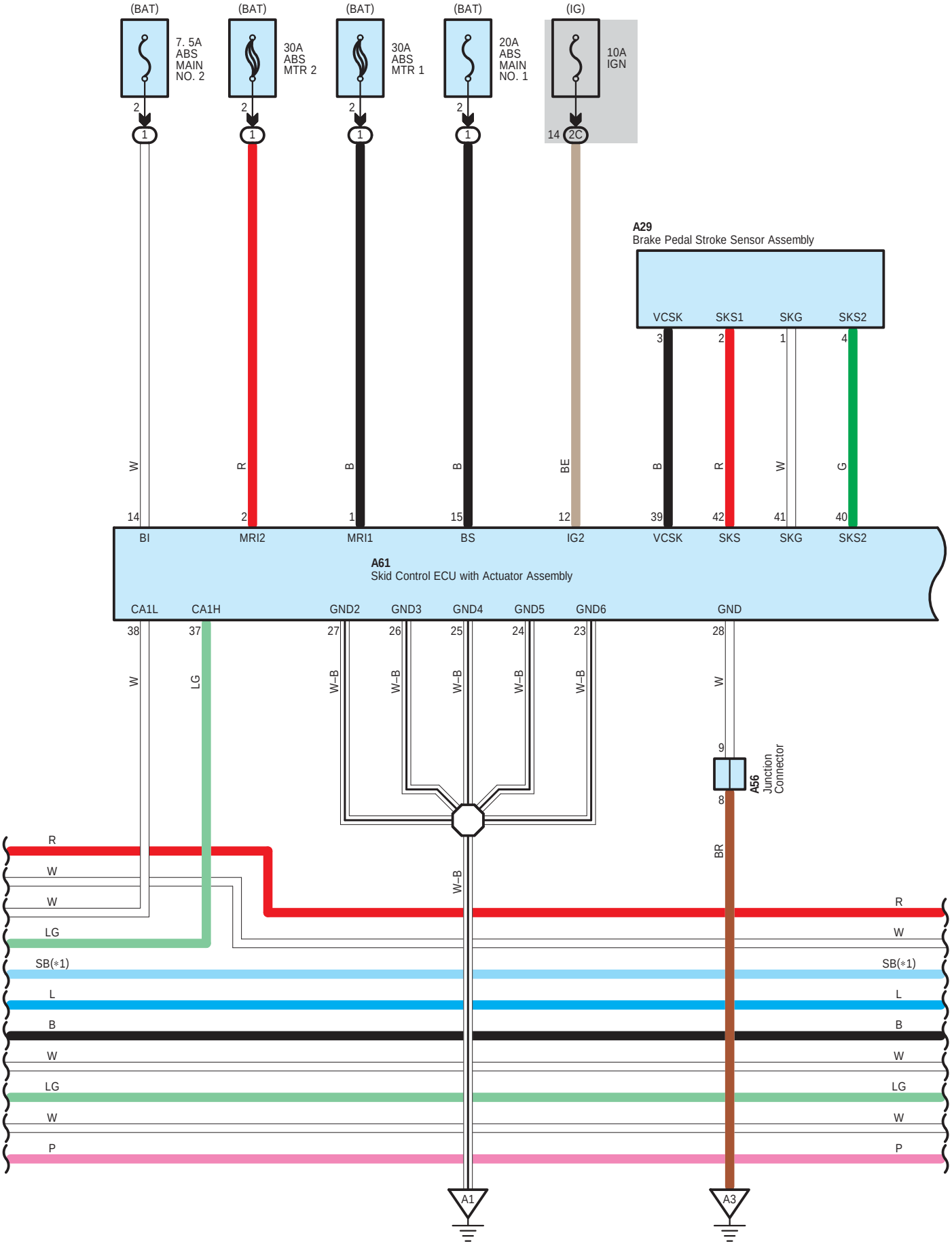
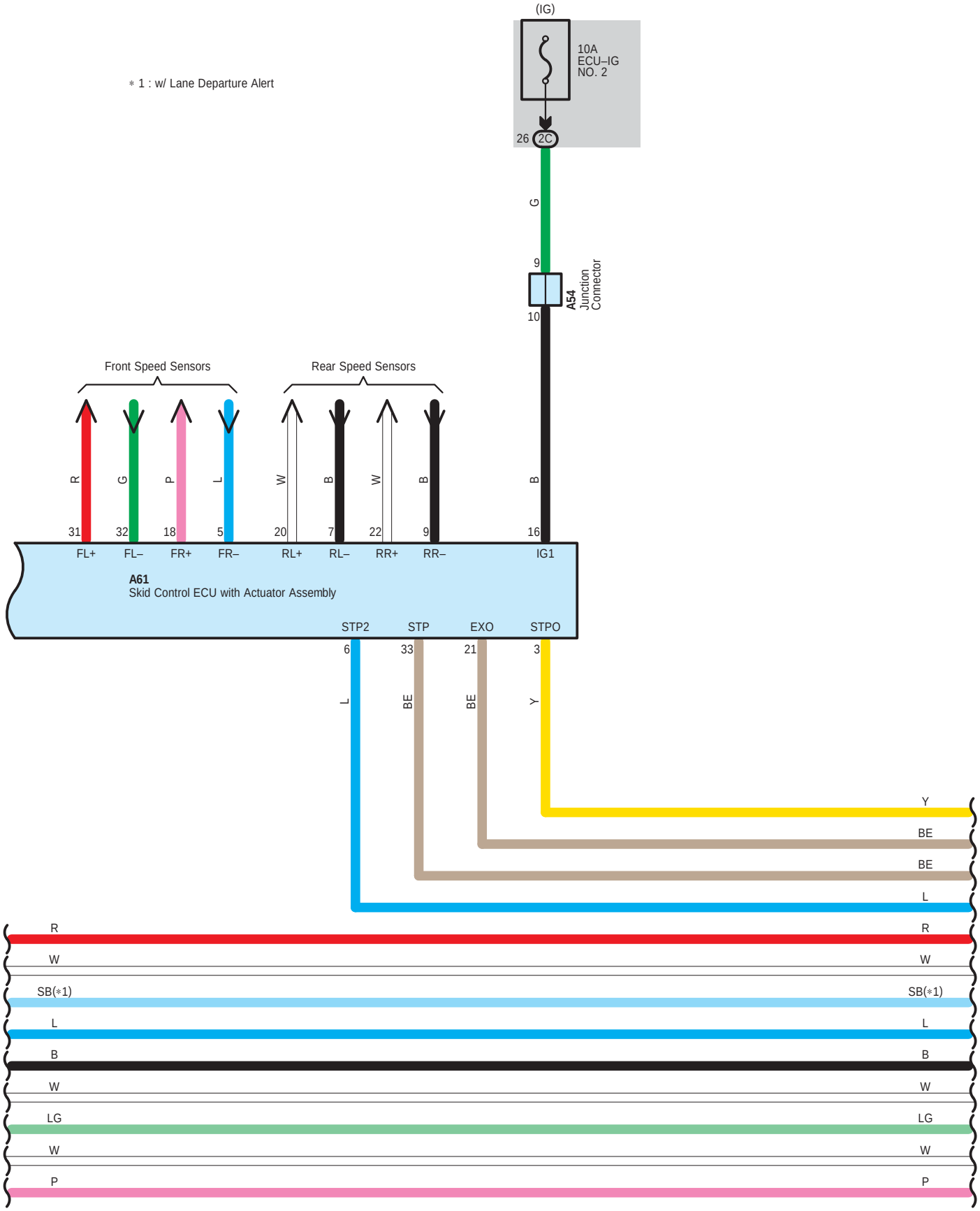

(IG)
10A
ECU–IG1
NO. 3
16 2C
T13
Forward Recognition Camera
HTR
IGB
GND
CANH
CANL
CA1P
CA1N
1
7
10
6
12
5
11
L
R
W–B
LG
W
SB
55 AH2
2
HTR
IG1
1
T14
Forward Recognition with
Heater Hood Sub–Assembly
17 TH1
10 TH1
18 TH1
22 TH2
21 TH2
6 TH1
12
7
H94
Junction
Connector
H3

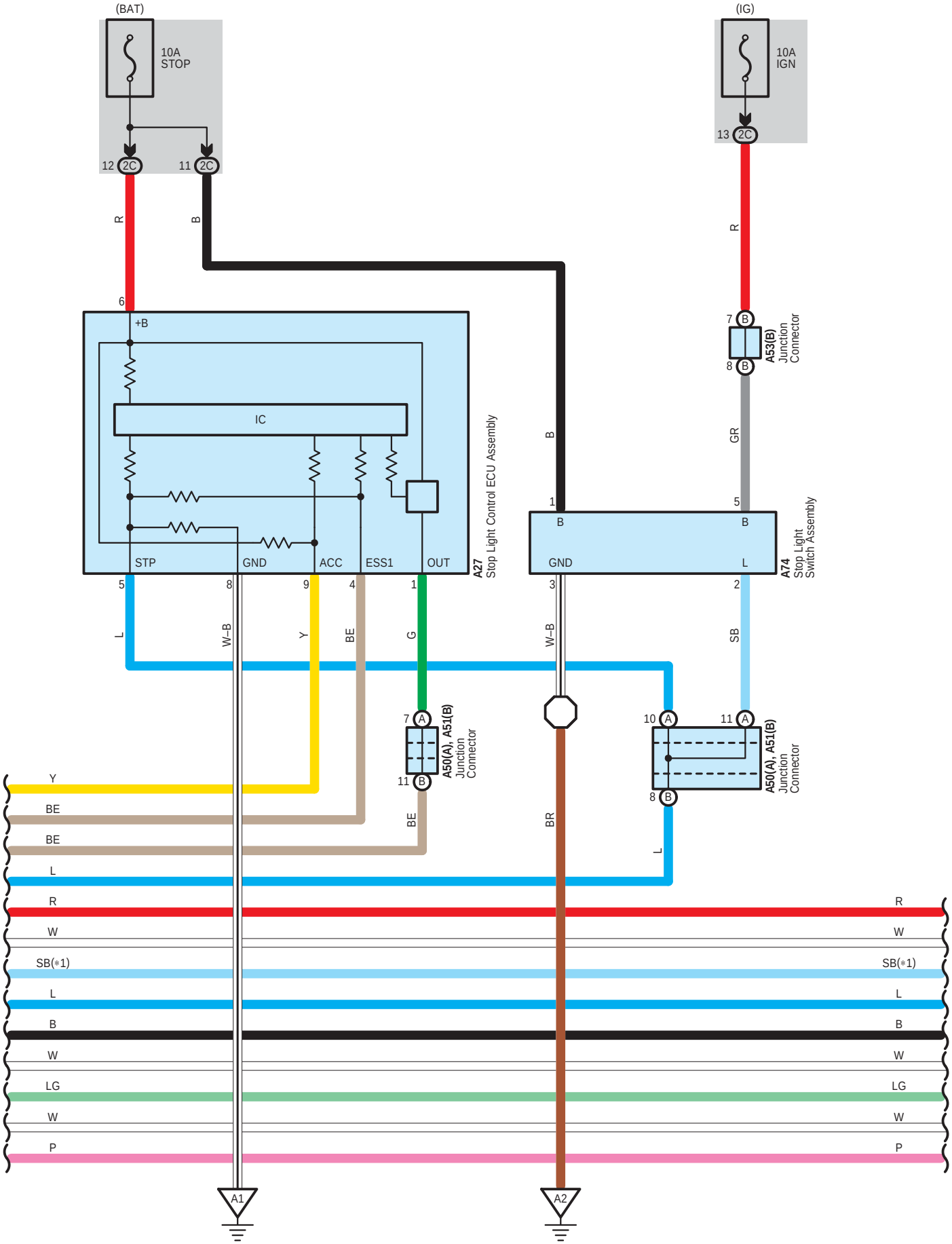

H84(A), Q1(C)
Airbag Sensor Assembly
RBE+
RBE–
CANH
CANL
15 C
14 C
13 A
22 A
G
R
L
W
9 B
8 B
H104(A), H105(B)
Junction Connector
2
1
RBE+
RBE–
Buckle Switch
Q19
Front Seat Inner Belt
Assembly RH
7 A
8 A
10 A
11 A
GR
W
P
W
18
17
1 B
7 B
CA4H
CA4L
CANH
CANL
CA5L
CA5H
H188
Network Gateway ECU
H25(B)
Power Steering
ECU Assembly
16
15
W
GR
12
6
H191
Junction
Connector
7
1
8
2
10
4
11
5
W
R
W
SB
B
L
W
B
W
SB
B
W
R
W
46 AH2
22 AH2
W
R
2 Ak1
3 Ak1
L
B
W
R
W
W
LG
LG

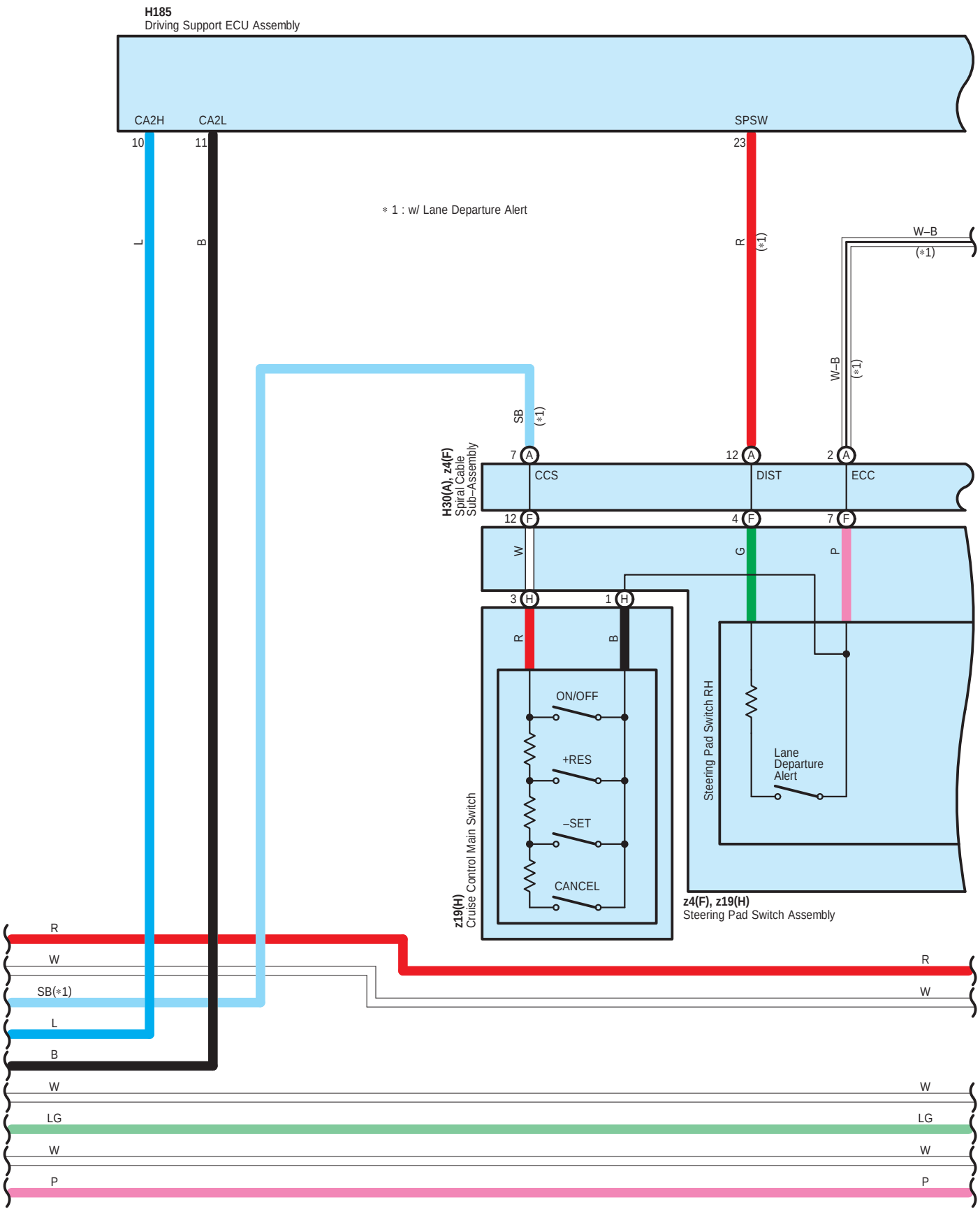

H29
Steering Sensor
CANH
CANL
H87
Yaw Rate Sensor
CANH
CANL
H104(A), H105(B)
Junction Connector
A72(A), H142(B)
Junction Connector
* 1 : w/ Lane Departure Alert
* 6 : Light Control Switch LH Side Type
* 7 : Light Control Switch RH Side Type

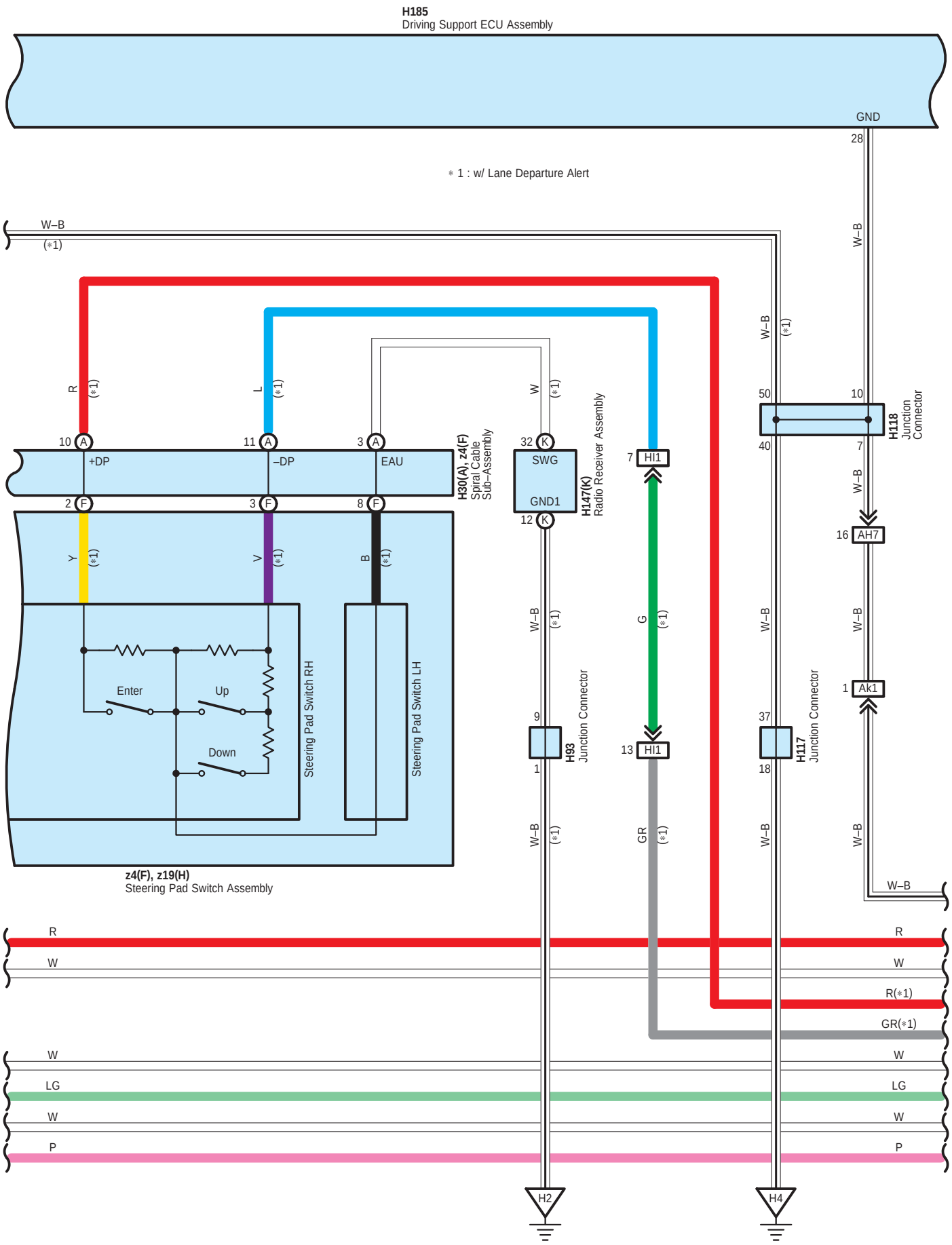

H141(B)
Junction
Connector
12 B
6 B
4 B
10 B
5 B
11 B
W
G
L
W
14 A
13 A
CANH
CANL
H16(A), H17(B), H18(C)
Main Body ECU
TLI
TRI
CNRI
26 B
25 B
13 C
B
P
L
15 A
13 A
14 A (*6)
18 B
16 B
17 B (*7)
TL
TR
CR
Turn Switch
TL
EL
TR
CR
CR
RH
N
LH
CR
EL
H26(A), (B)
Headlight Dimmer
Switch Assembly
12 A (*6)
19 B (*7)
W
G
V
W
25 D
24 D
CA1H
CA1L
H3(C), H4(D)
Power Management
Control ECU
CA2H
CA2L
CCS
34 C
35 C
22 D
B
W
SB
(*1)
G
38
18
H117
Junction
Connector
W–B
97
36
H119
Junction
Connector
W–B
B
W
R
W
W
LG
SB(*1)
L
B
W
LG
W
P
H4

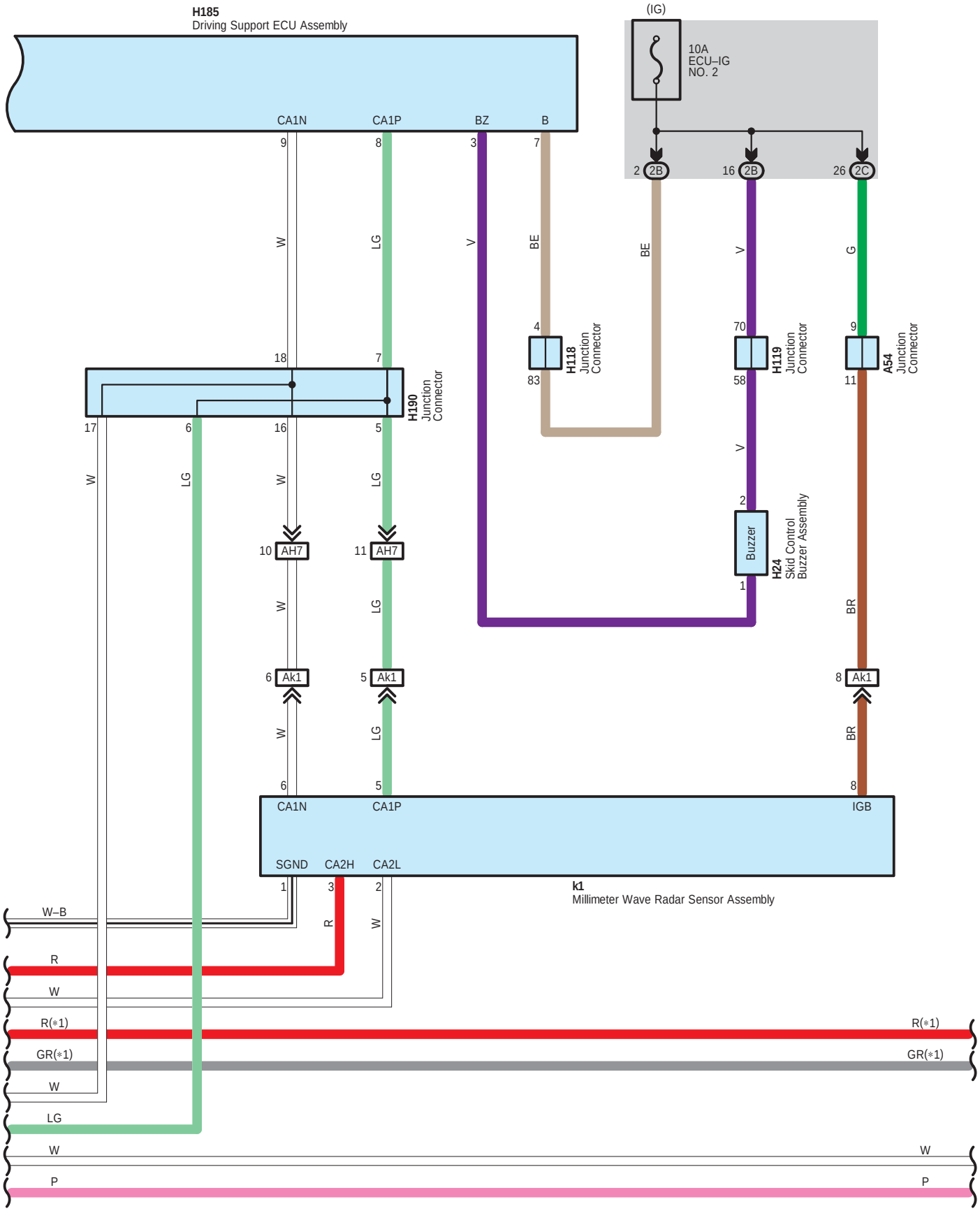

(BAT)
7. 5A
ABS
MAIN
NO. 2
(BAT)
30A
ABS
MTR 2
(BAT)
30A
ABS
MTR 1
(BAT)
20A
ABS
MAIN
NO. 1
(IG)
10A
IGN
A29
Brake Pedal Stroke Sensor Assembly
VCSK
SKS1
SKG
SKS2
BI
MRI2
MRI1
BS
IG2
VCSK
SKS
SKG
SKS2
A61
Skid Control ECU with Actuator Assembly
CA1L
CA1H
GND2
GND3
GND4
GND5
GND6
GND
A56
Junction
Connector
SB(*1)
A1
A3

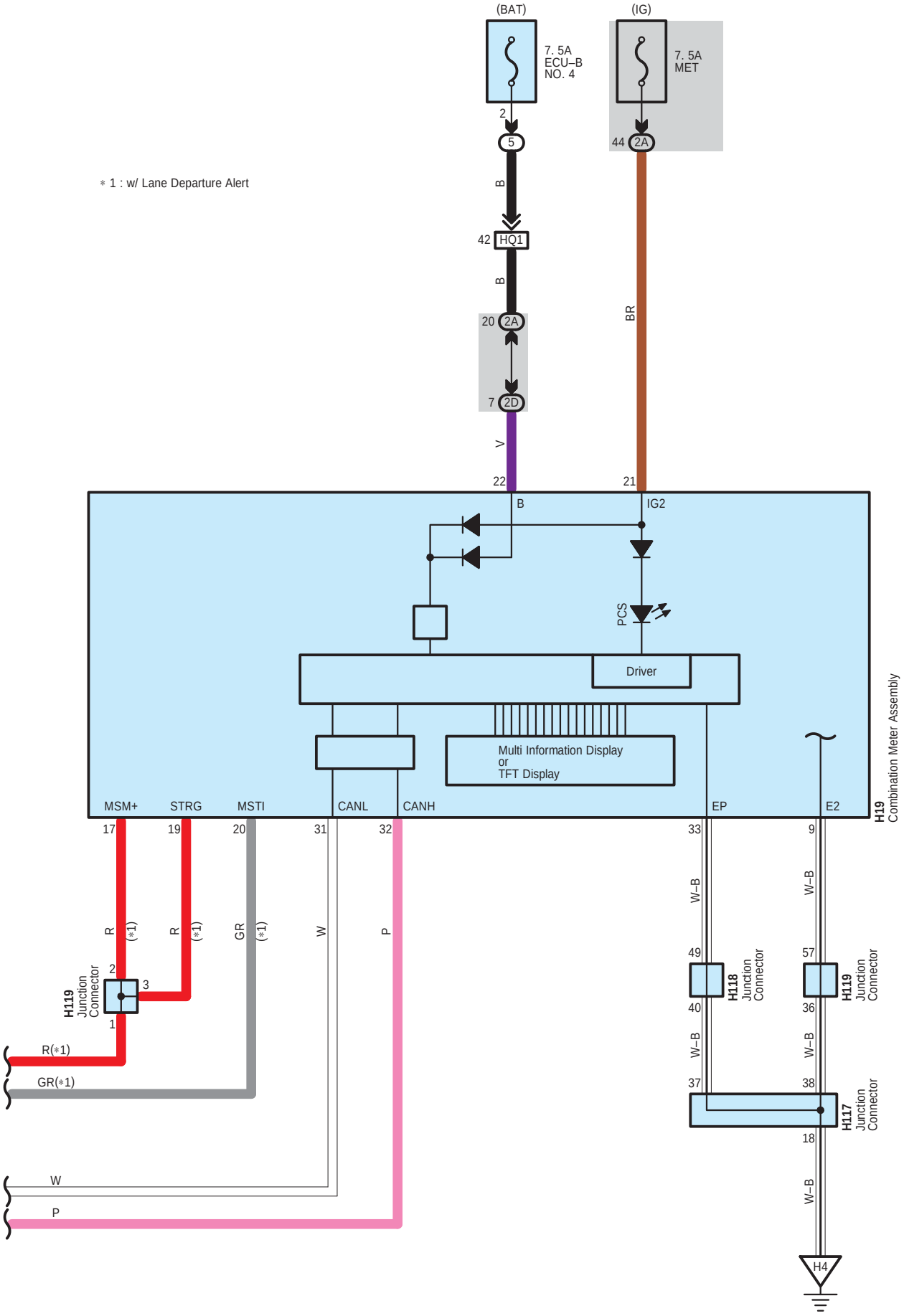

(IG)
10A
ECU–IG
NO. 2
26
2C
G
9
A54
Junction
Connector
10
∗ 1 : w/ Lane Departure Alert
Front Speed Sensors
Rear Speed Sensors
R
G
P
L
W
B
W
B
B
31
32
18
5
20
7
22
9
16
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
IG1
A61
Skid Control ECU with Actuator Assembly
STP2
STP
EXO
STPO
6
33
21
3
L
BE
BE
Y
Y
BE
BE
L
R
R
W
W
SB(∗1)
SB(∗1)
L
L
B
B
W
W
LG
LG
W
W
P
P


(BAT)
10A
STOP
12 2C
11 2C
(IG)
10A
IGN
13 2C
R
B
R
6
+B
IC
STP
GND
ACC
ESS1
OUT
A27
Stop Light Control ECU Assembly
7 B
8 B
A53(B)
Junction
Connector
GR
B
1
5
B
B
GND
L
A74
Stop Light
Switch Assembly
5
8
9
4
1
3
2
L
W–B
Y
BE
G
W–B
SB
7 A
11 B
A50(A), A51(B)
Junction
Connector
10 A
11 A
8 B
A50(A), A51(B)
Junction
Connector
BE
BR
L
Y
BE
BE
L
R
W
SB(*1)
L
B
W
LG
W
P
A1
A2

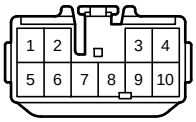

H185
Driving Support ECU Assembly
CA2H
CA2L
SPSW
10
11
23
∗1 : w/ Lane Departure Alert
L
B
R
(∗1)
W–B
(∗1)
W–B
(∗1)
SB
(∗1)
H30(A), z4(F)
Spiral Cable
Sub–Assembly
7 A
12 A
2 A
CCS
DIST
ECC
12 F
4 F
7 F
W
G
P
3 H
1 H
R
B
ON/OFF
+RES
–SET
CANCEL
z19(H)
Cruise Control Main Switch
Steering Pad Switch RH
Lane
Departure
Alert
z4(F), z19(H)
Steering Pad Switch Assembly
R
W
SB(∗1)
L
B
R
W
W
W
LG
LG
W
W
P
P


H185
Driving Support ECU Assembly
GND
28
∗1 : w/ Lane Departure Alert
W–B
(∗1)
R
L
W
Y
V
B
10 A
11 A
3 A
+DP
–DP
EAU
2 F
3 F
8 F
H30(A), z4(F)
Spiral Cable
Sub–Assembly
32 K
SWG
GND1
12 K
H147(K)
Radio Receiver Assembly
7 HI1
13 HI1
G
GR
50
40
10
7
H118
Junction
Connector
16 AH7
1 Ak1
9
1
H93
Junction Connector
37
18
H117
Junction Connector
Enter
Up
Down
Steering Pad Switch RH
Steering Pad Switch LH
z4(F), z19(H)
Steering Pad Switch Assembly
R(∗1)
GR(∗1)
LG
P
H2
H4

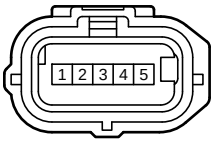

H185
Driving Support ECU Assembly
CA1N
CA1P
BZ
B
(IG)
10A
ECU–IG
NO. 2
2 2B
16 2B
26 2C
H118
Junction
Connector
H119
Junction
Connector
A54
Junction
Connector
H190
Junction
Connector
Buzzer
H24
Skid Control
Buzzer Assembly
AH7
Ak1
CA1N
CA1P
IGB
SGND
CA2H
CA2L
k1
Millimeter Wave Radar Sensor Assembly
W–B
R
W
R(∗1)
GR(∗1)
W
LG
W
P


(BAT)
(IG)
7. 5A
ECU–B
NO. 4
7. 5A
MET
2
5
44
2A
∗ 1 : w/ Lane Departure Alert
B
42
HQ1
B
20
2A
7
2D
V
BR
22
21
B
IG2
PCS
Driver
Multi Information Display
or
TFT Display
MSM+
STRG
MSTI
CANL
CANH
EP
E2
H19
Combination Meter Assembly
17
19
20
31
32
33
9
R
(∗1)
R
(∗1)
GR
(∗1)
W
P
W–B
W–B
2
3
1
H119
Junction
Connector
49
40
H118
Junction
Connector
57
36
H119
Junction
Connector
R(∗1)
GR(∗1)
W–B
W–B
37
38
H117
Junction
Connector
18
W–B
W
P
H4

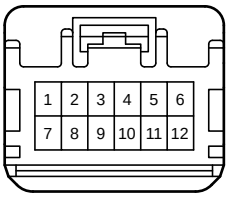
A 27
Black



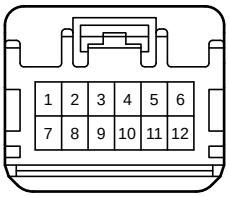
A 29
Black



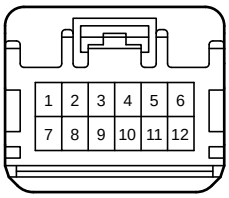
A 50
White



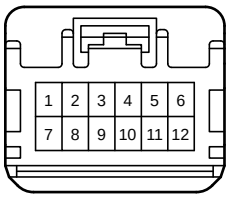
A 51
White



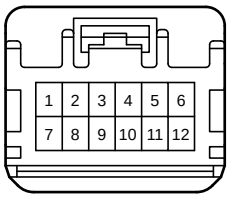
A 53
Black



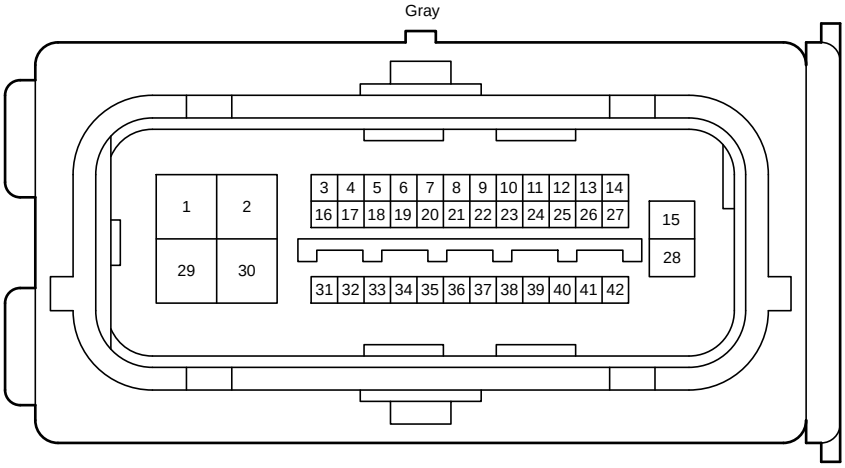
A 54
Black



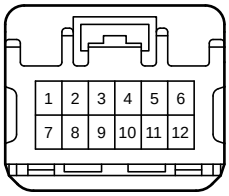
A 56
White



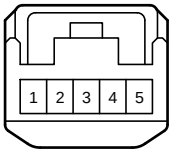
A 61
Gray



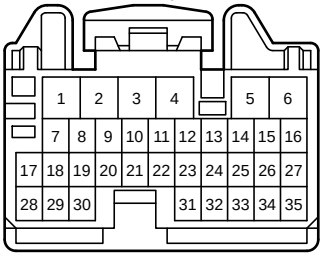
A 72
Blue



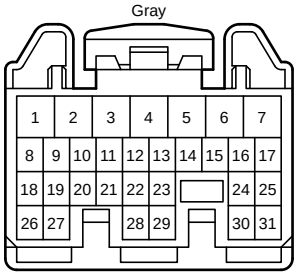
A 74
White



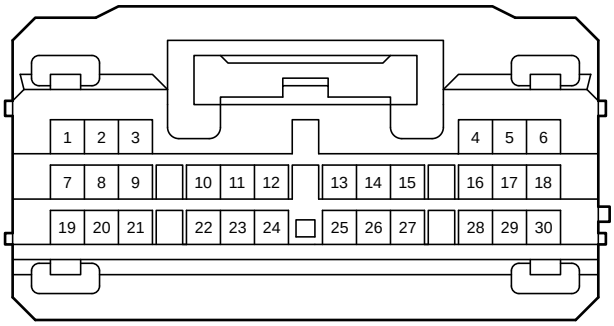
H 3
Gray



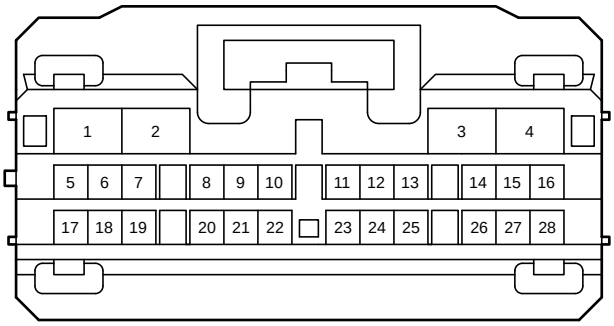
H 4
Gray



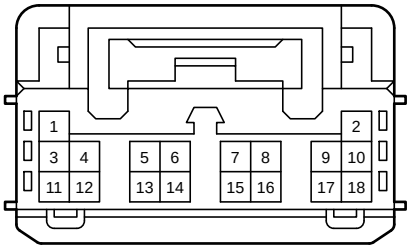
H 16
Black



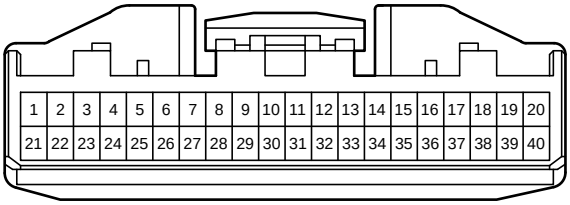
H 17
White



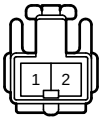
H 18
White



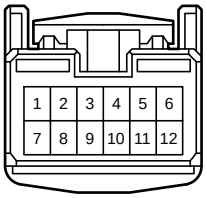
H 19
White



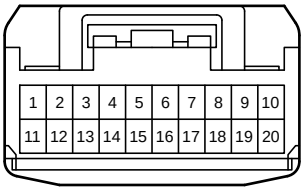
H 24
Blue



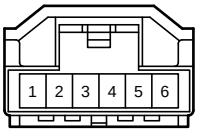
H 25
White



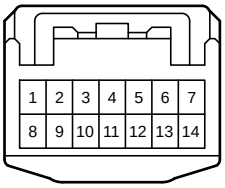
H 26
Black



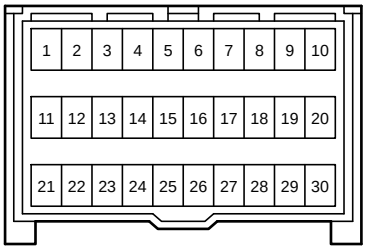
H 29
White



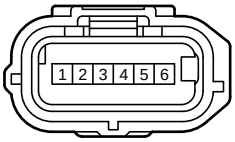
H 30
Black



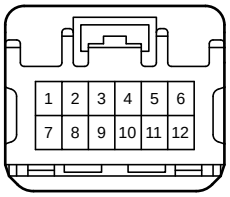
H 84
Yellow



H 87
Black



H 93
White



H 94
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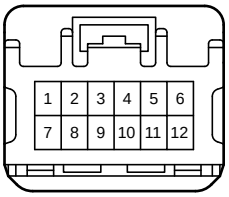

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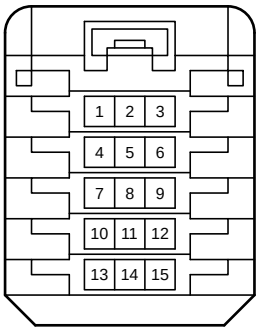

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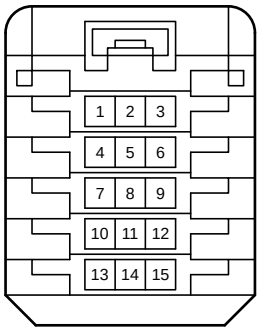

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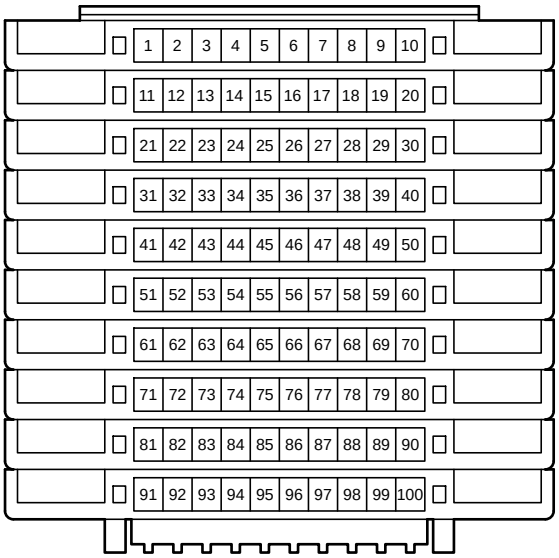

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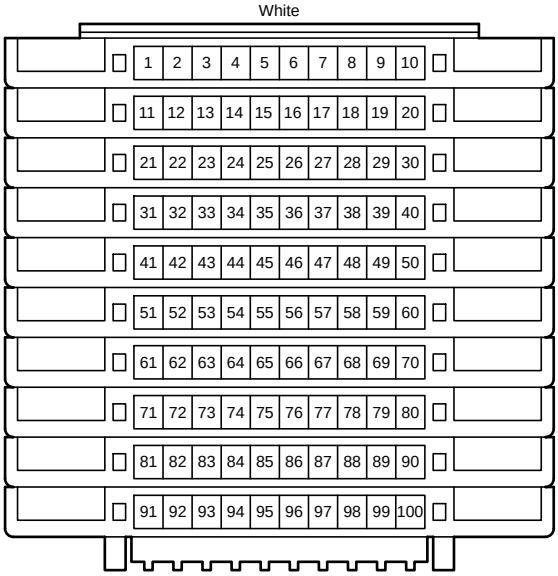

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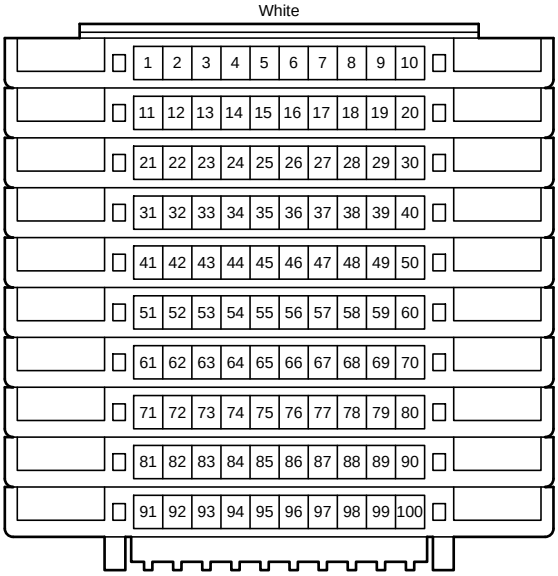

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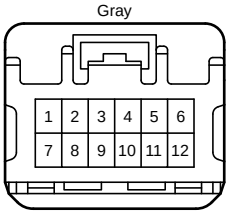

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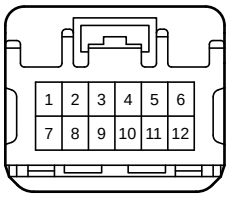

H147
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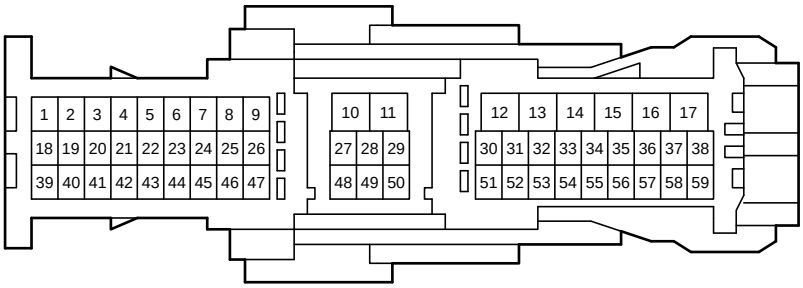

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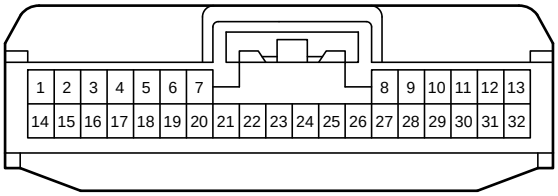

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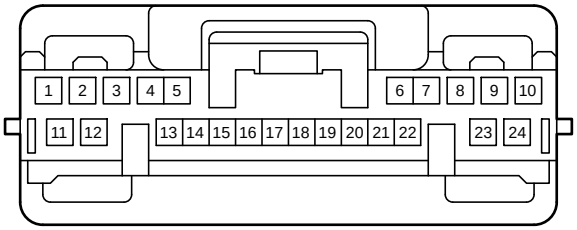

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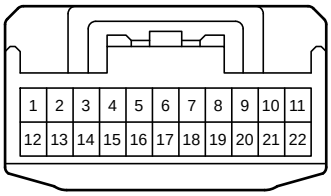

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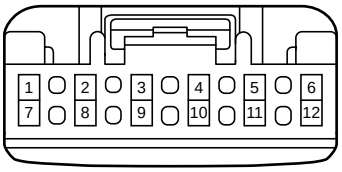
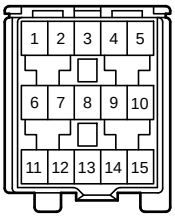
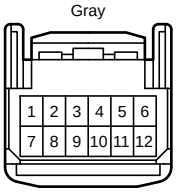


Q 1
Yellow

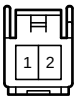


Q 19
Gray

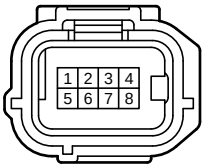
T 13
Gray



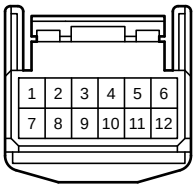
T 14
White



k 1
Black



z 4
Black



z 19
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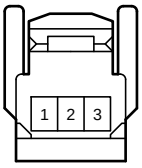
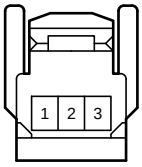


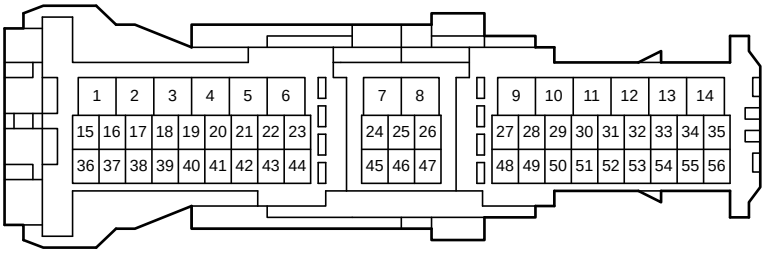
(w/ Dynamic Radar Cruise Control)

z 19
White



(w/o Dynamic Radar Cruise Control)

2A
White



2B
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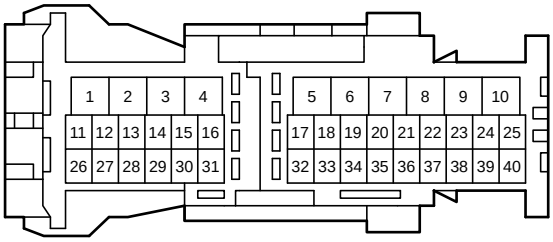

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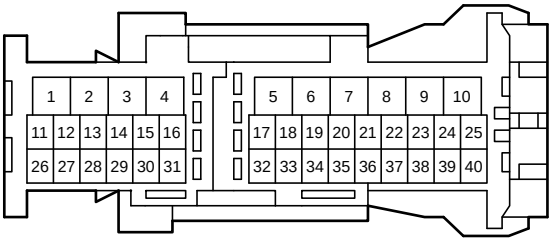

2D
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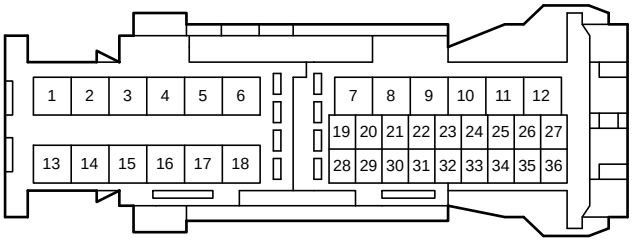

AH2
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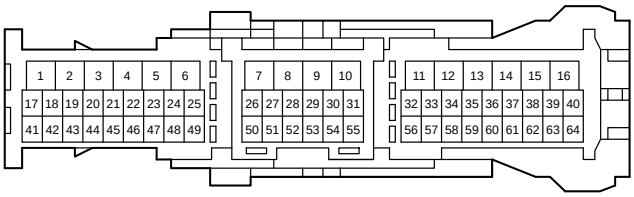
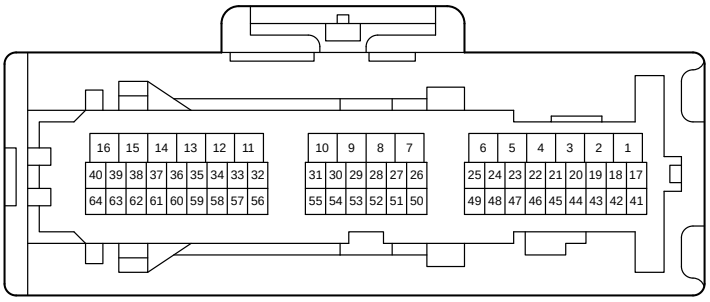
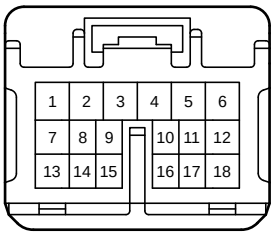
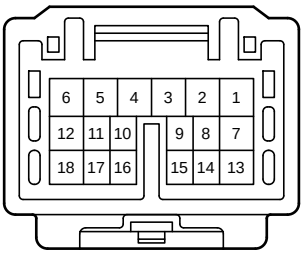




AH7
Gray





Ak1
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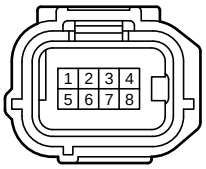

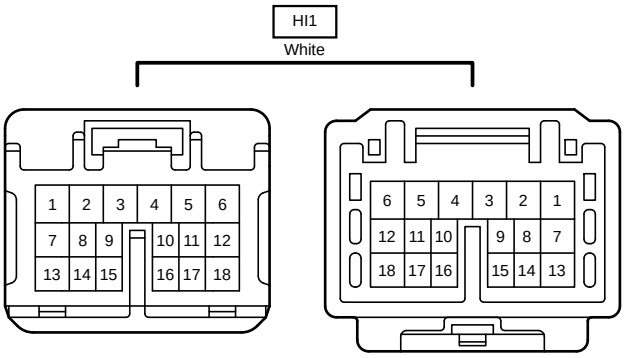
HI1
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7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
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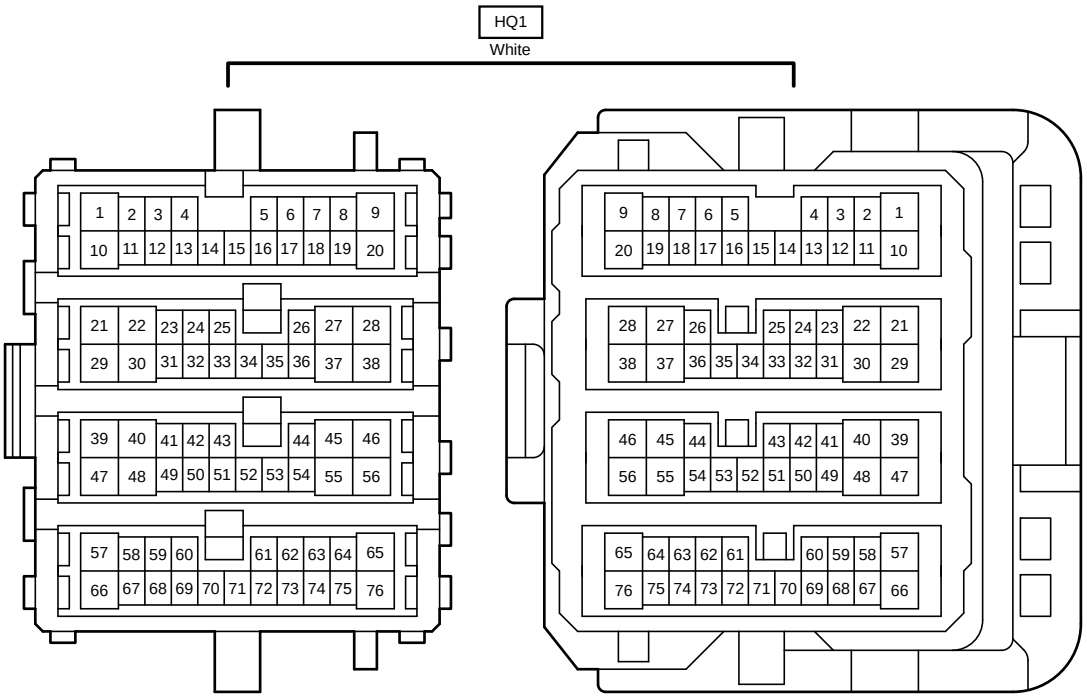
HQ1
White
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29 30 31 32 33 34 35 36 37 38
39 40 41 42 43 44 45 46
47 48 49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64 65
66 67 68 69 70 71 72 73 74 75 76
9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12 11 10
28 27 26 25 24 23 22 21
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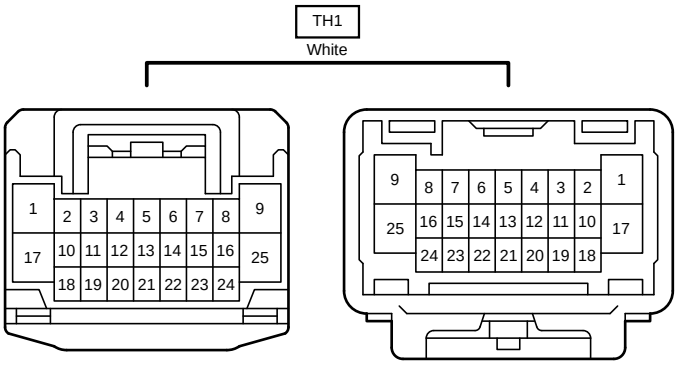
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White
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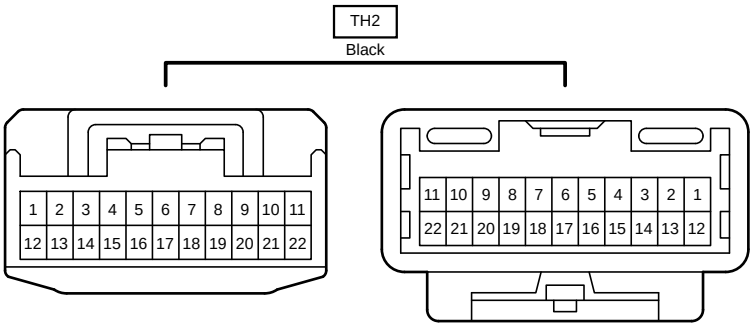
TH2
Black
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12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12