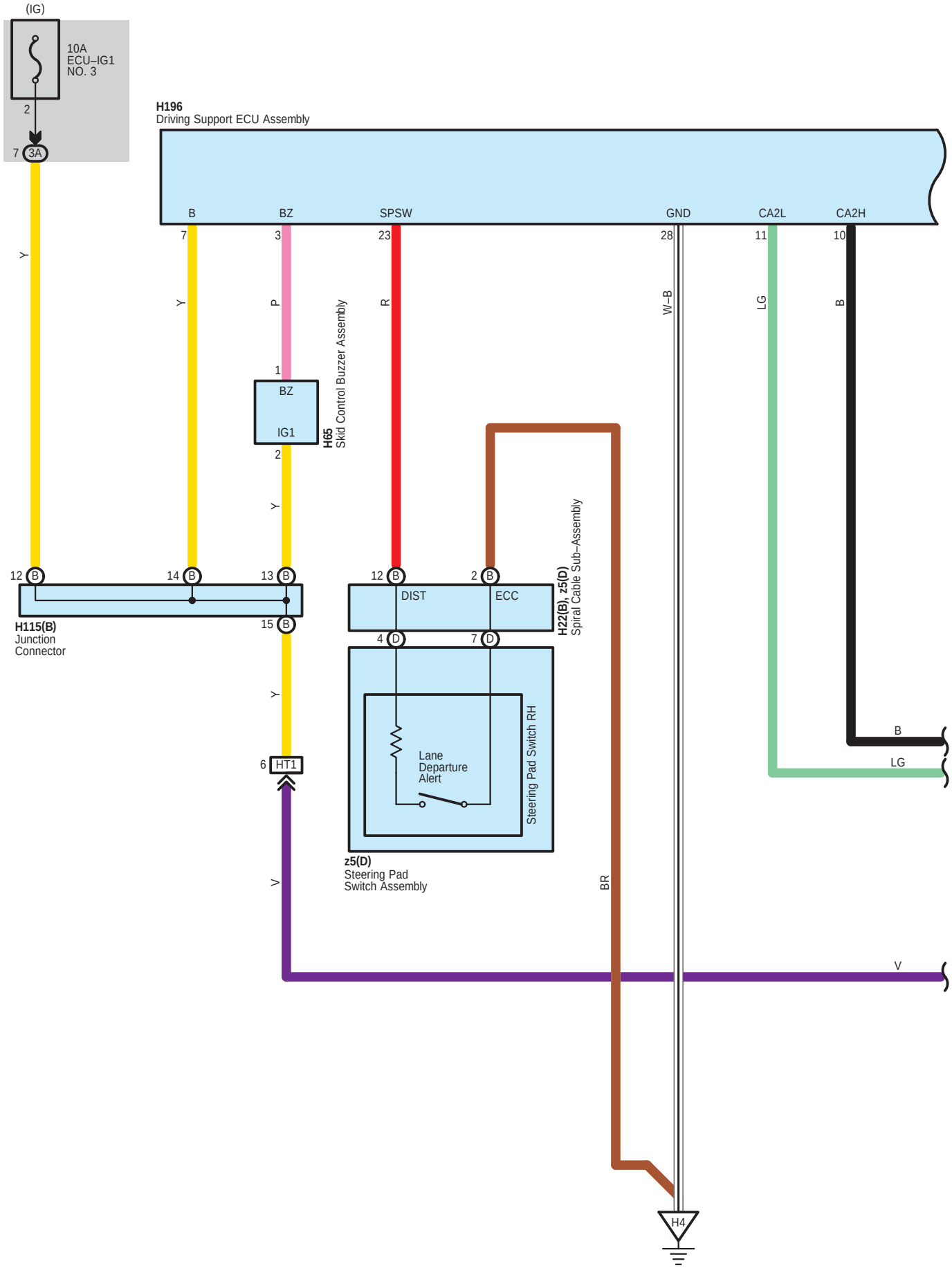
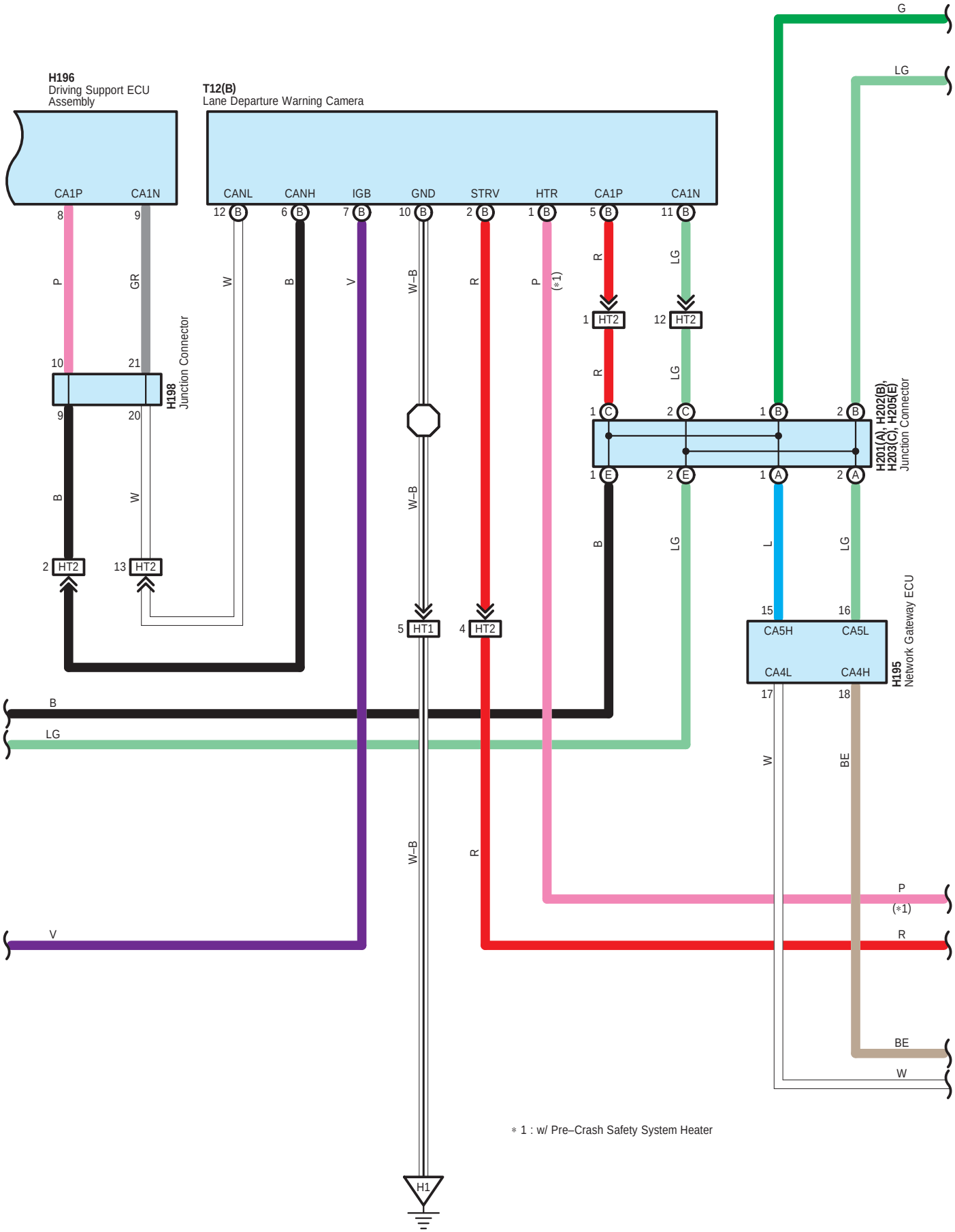
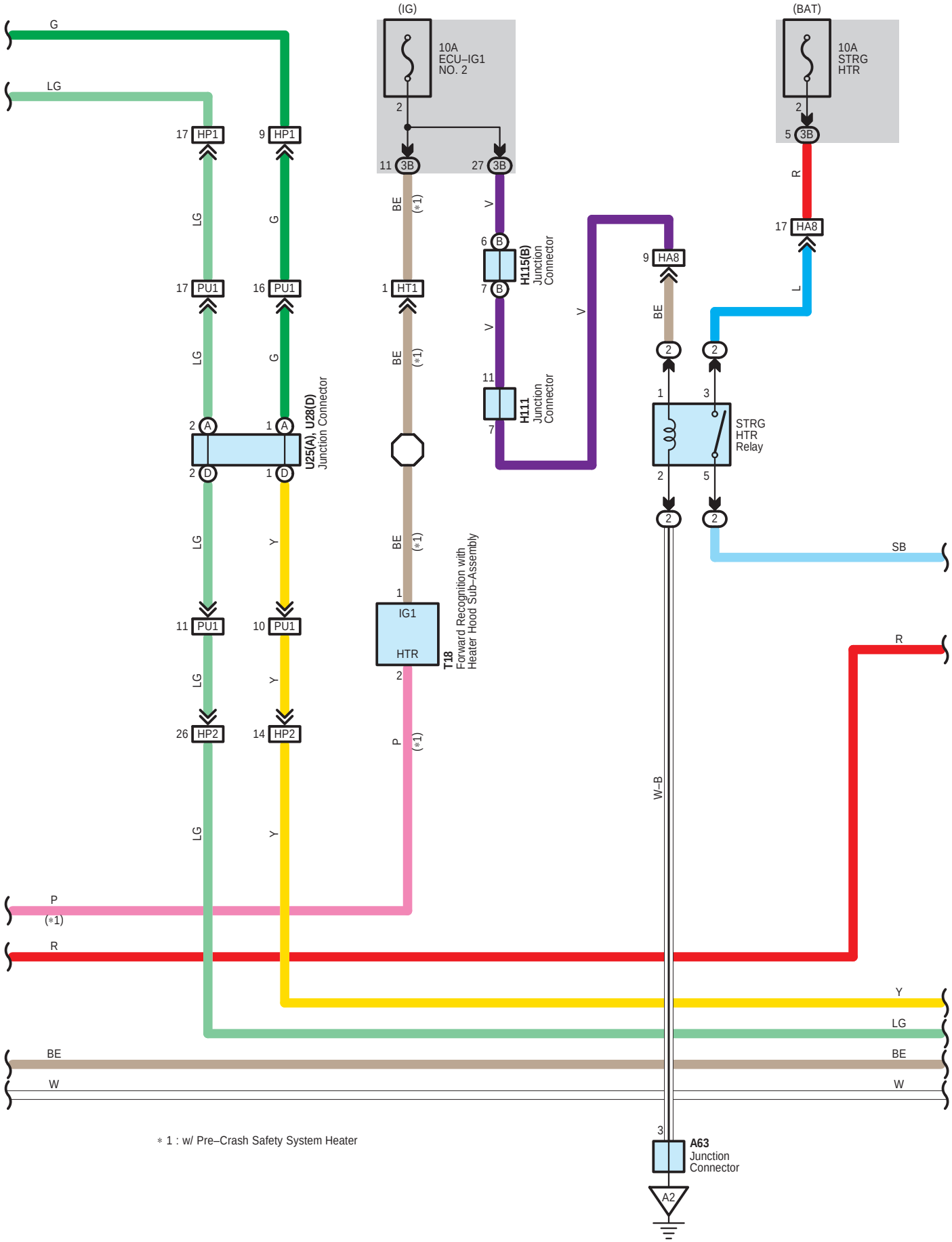
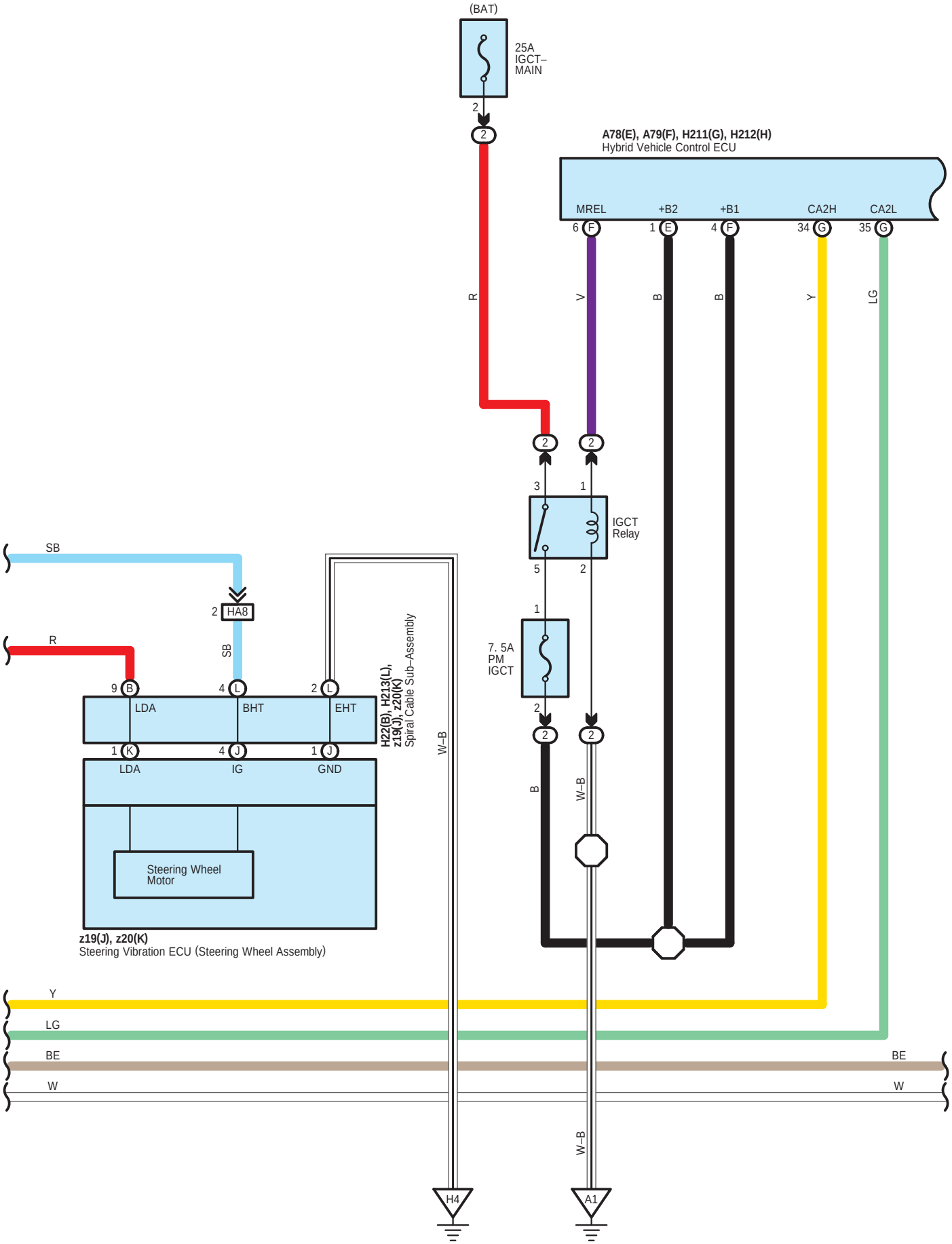
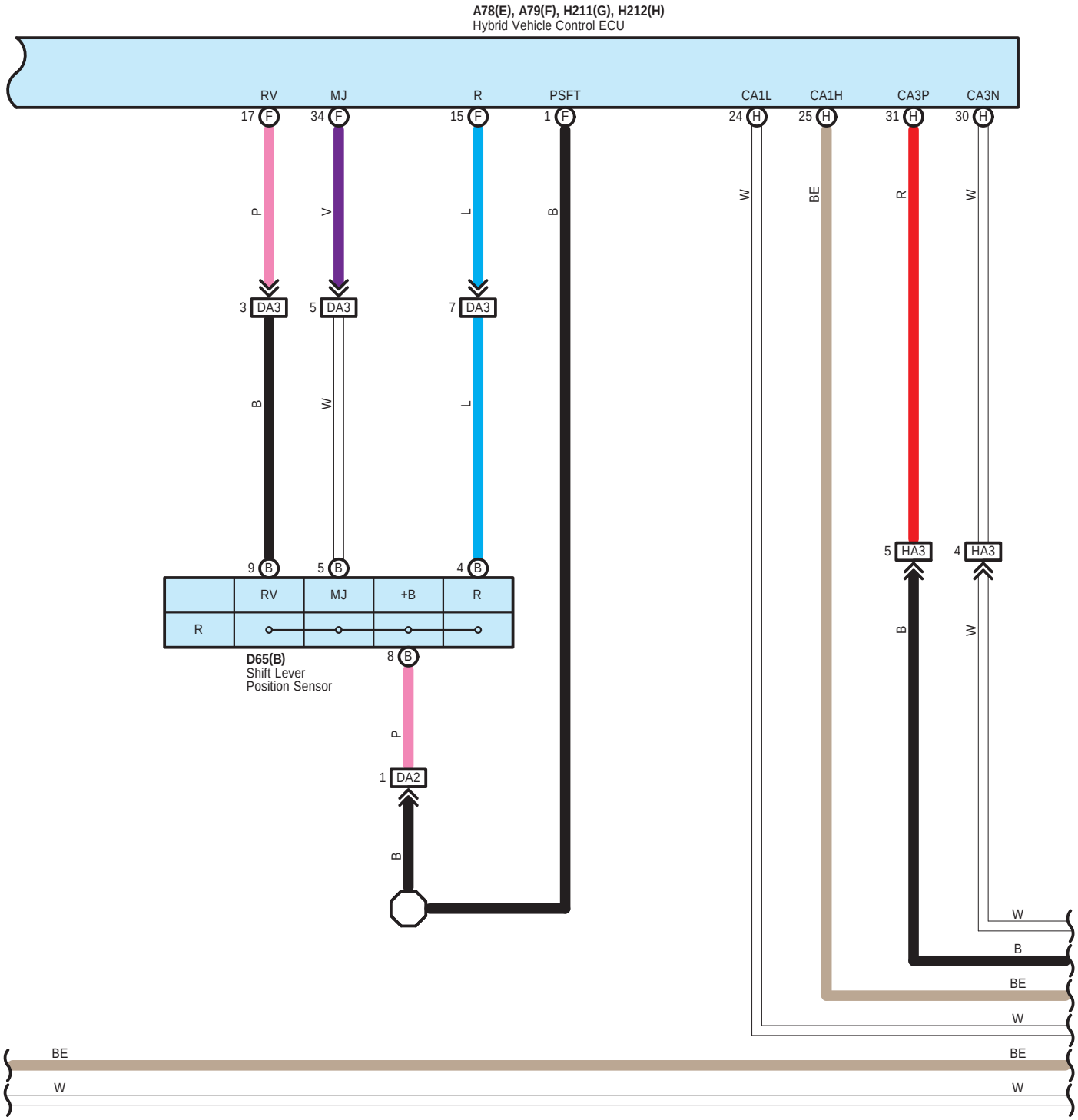

(IG)
10A
ECU–IG1
NO. 3
2
7 3A
H196
Driving Support ECU Assembly
B
BZ
SPSW
GND
CA2L
CA2H
7
3
23
28
11
10
Y
Y
P
R
W–B
LG
B
1
BZ
IG1
2
H65
Skid Control Buzzer Assembly
Y
12 B
14 B
13 B
15 B
H115(B)
Junction
Connector
12 B
2 B
DIST
ECC
H22(B), z5(D)
Spiral Cable Sub–Assembly
4 D
7 D
Lane
Departure
Alert
Steering Pad Switch RH
z5(D)
Steering Pad
Switch Assembly
Y
6 HT1
V
BR
B
LG
V
H4

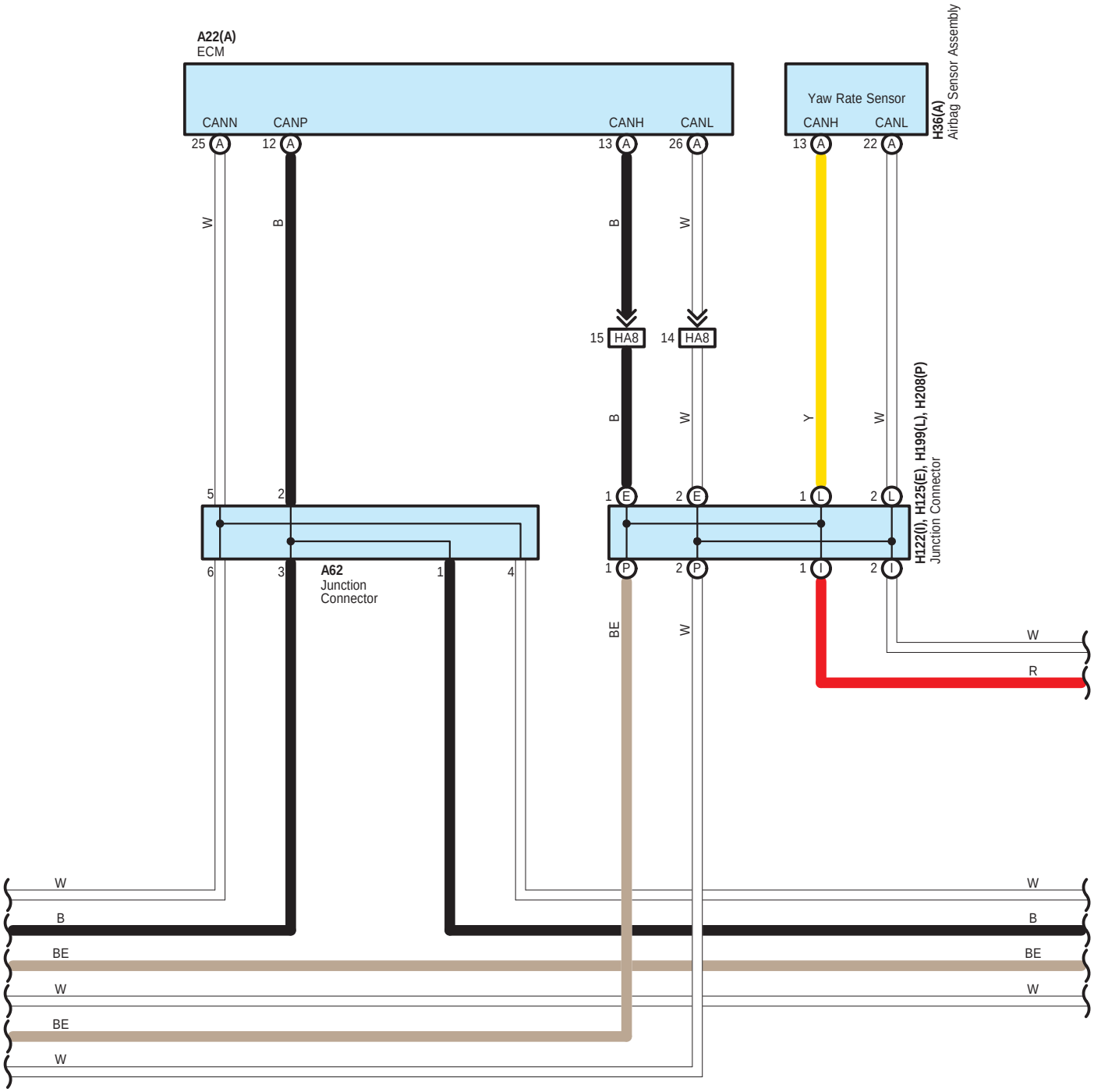

H196
Driving Support ECU Assembly
T12(B)
Lane Departure Warning Camera
CA1P
CA1N
CANL
CANH
IGB
GND
STRV
HTR
CA1P
CA1N
H198
Junction Connector
H201(A), H202(B), H203(C), H205(E)
Junction Connector
H195
Network Gateway ECU
CA5H
CA5L
CA4L
CA4H
HT1
HT2
H1
G
LG
P
GR
W
B
V
W–B
R
(*1)
L
BE
* 1 : w/ Pre–Crash Safety System Heater

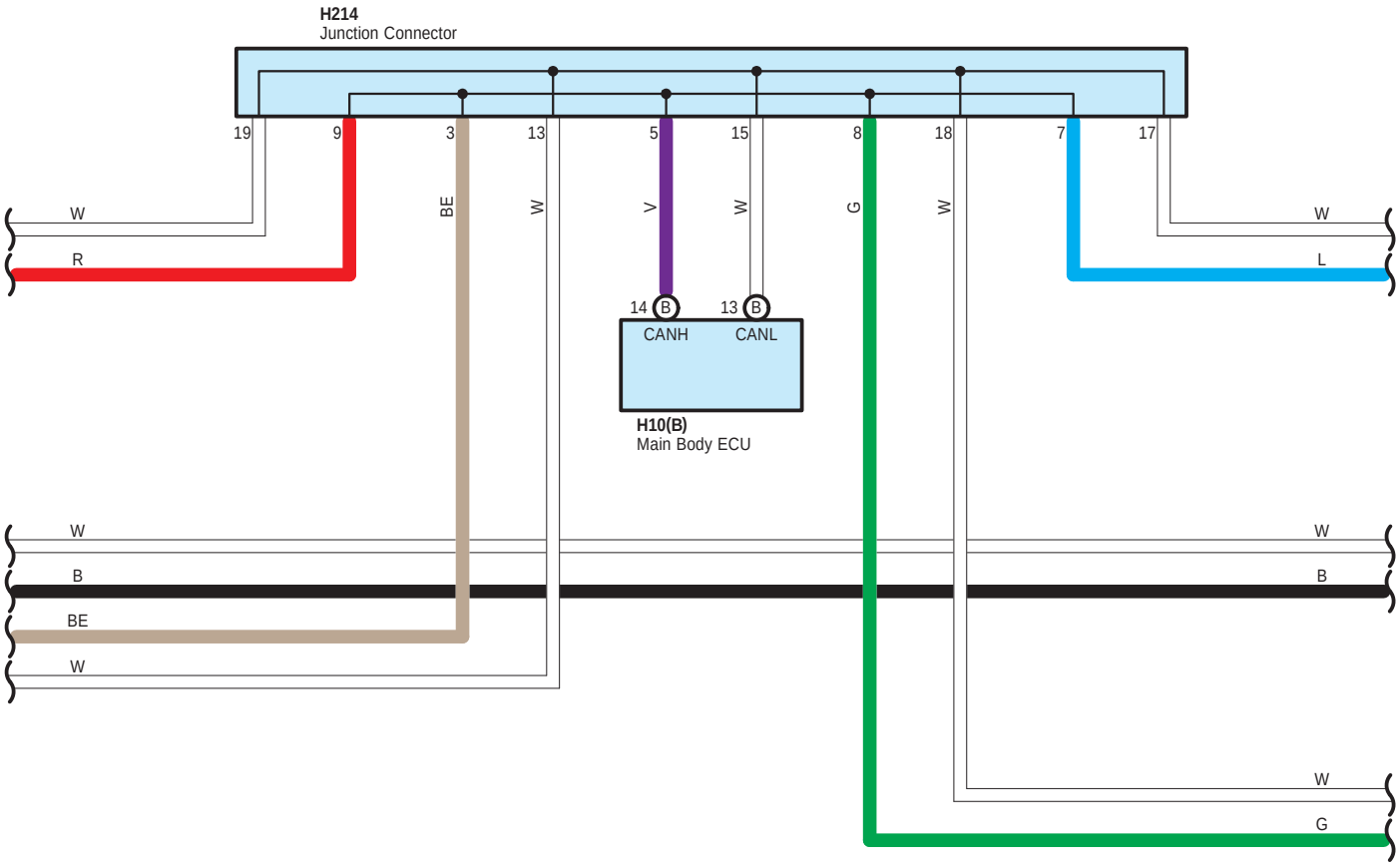


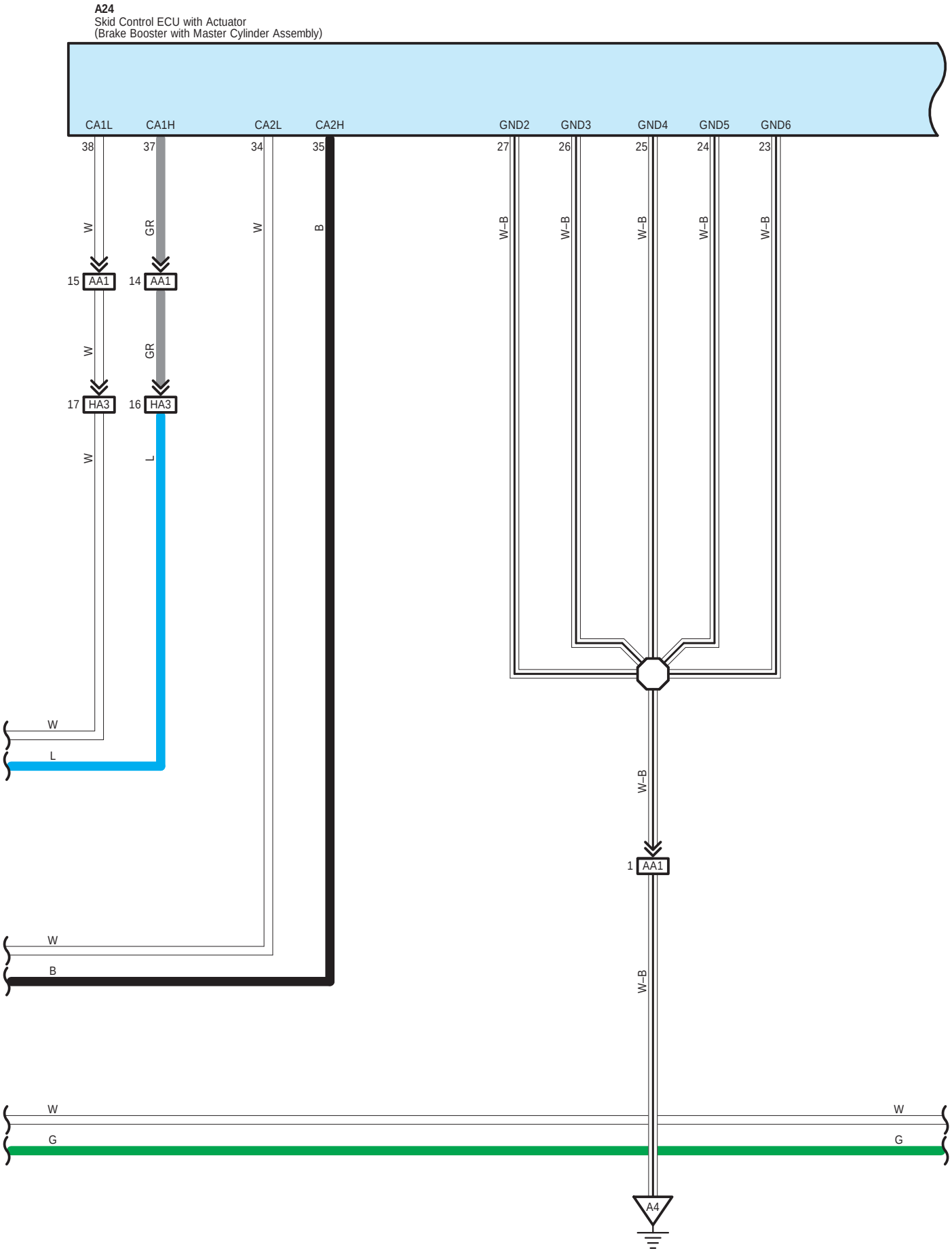
∗ 1 : w/ Pre–Crash Safety System Heater

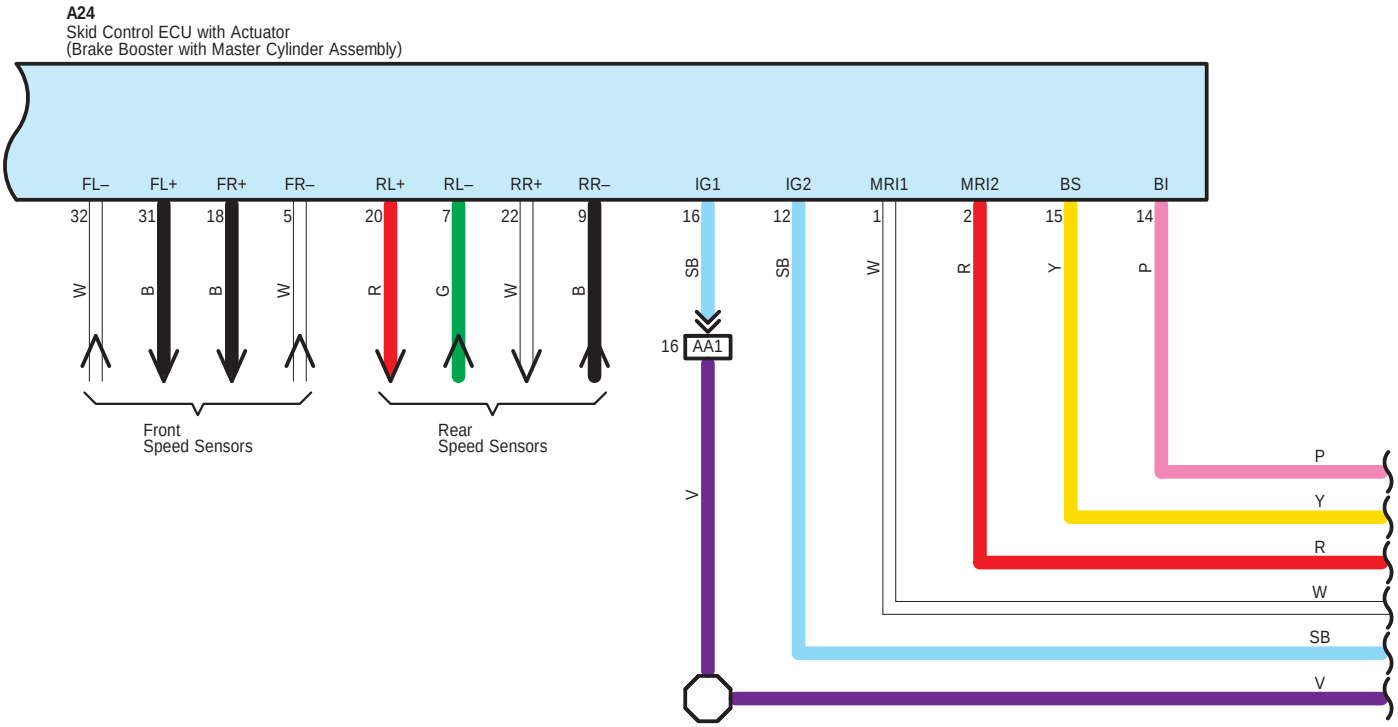

(BAT)
25A
IGCT–
MAIN
2
2
A78(E), A79(F), H211(G), H212(H)
Hybrid Vehicle Control ECU
MREL
+B2
+B1
CA2H
CA2L
6 F
1 E
4 F
34 G
35 G
R
V
B
B
Y
LG
2
2
3
1
IGCT
Relay
5
2
1
7. 5A
PM
IGCT
2
2
2
B
W–B
SB
2 HA8
SB
R
9 B
4 L
2 L
LDA
BHT
EHT
1 K
4 J
1 J
LDA
IG
GND
H22(B), H213(L),
z19(J), z20(K)
Spiral Cable Sub–Assembly
W–B
Steering Wheel
Motor
z19(J), z20(K)
Steering Vibration ECU (Steering Wheel Assembly)
Y
LG
BE
W
BE
W
W–B
H4
A1

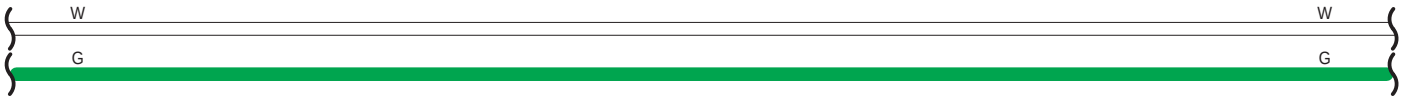

A78(E), A79(F), H211(G), H212(H)
Hybrid Vehicle Control ECU
RV
MJ
R
PSFT
CA1L
CA1H
CA3P
CA3N
17 F
34 F
15 F
1 F
24 H
25 H
31 H
30 H
P
V
L
B
W
BE
R
W
3 DA3
5 DA3
7 DA3
B
W
L
5 HA3
4 HA3
B
W
9 B
5 B
4 B
RV
MJ
+B
R
R
D65(B)
Shift Lever
Position Sensor
8 B
P
1 DA2
B
W
B
BE
W
BE
W
BE
W

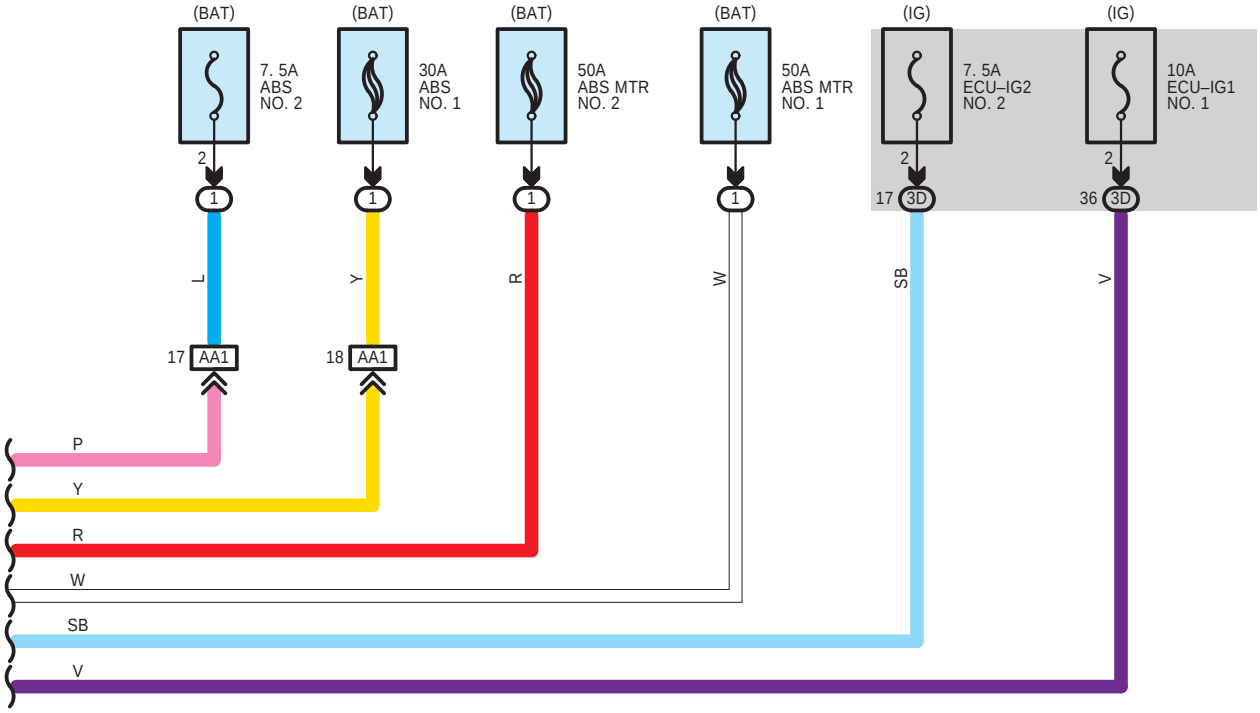

A22(A)
ECM
CANN
CANP
CANH
CANL
25 A
12 A
13 A
26 A
Yaw Rate Sensor
CANH
CANL
13 A
22 A
H36(A)
Airbag Sensor Assembly
W
B
B
W
15 HA8
14 HA8
B
W
Y
W
H122(I), H125(E), H199(L), H208(P)
Junction Connector
5
2
1 E
2 E
1 L
2 L
6
3
A62
Junction
Connector
1
4
1 P
2 P
1 I
2 I
BE
W
W
R
W
B
BE
W
BE
W
W
B
BE
W

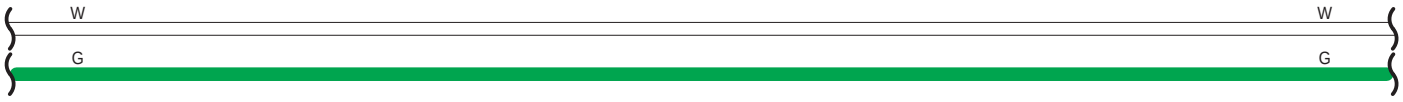

H214
Junction Connector
19
9
3
13
5
15
8
18
7
17
W
R
BE
W
V
W
G
W
W
L
14
B
13
B
CANH
CANL
H10(B)
Main Body ECU
W
B
BE
W
W
B
W
G

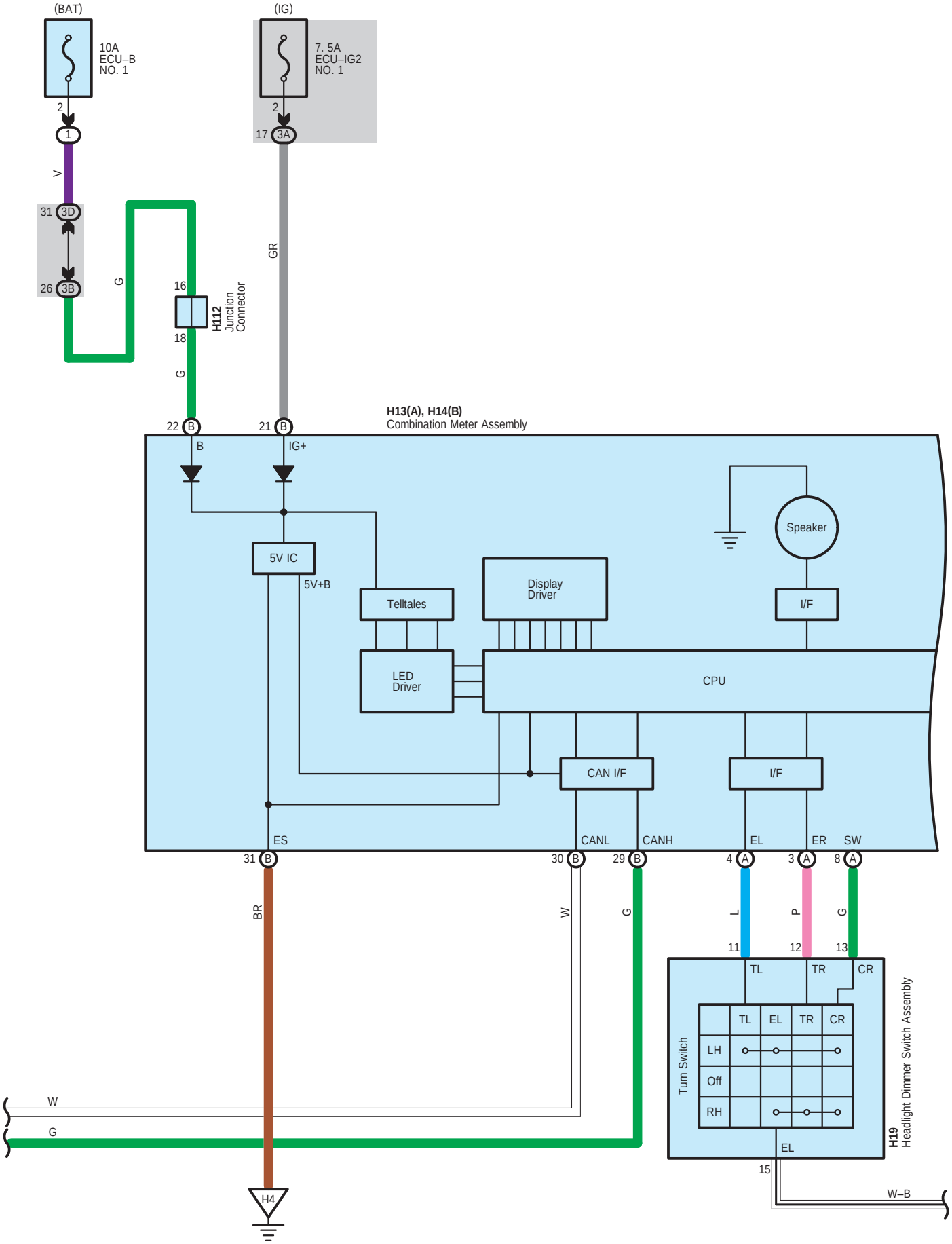

A24
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
CA1L
CA1H
CA2L
CA2H
GND2
GND3
GND4
GND5
GND6
38
37
34
35
27
26
25
24
23
W
GR
W
B
W–B
W–B
W–B
W–B
W–B
15 AA1
14 AA1
W
GR
17 HA3
16 HA3
W
L
W
L
W
B
W–B
1 AA1
W–B
W
G
W
G
A4

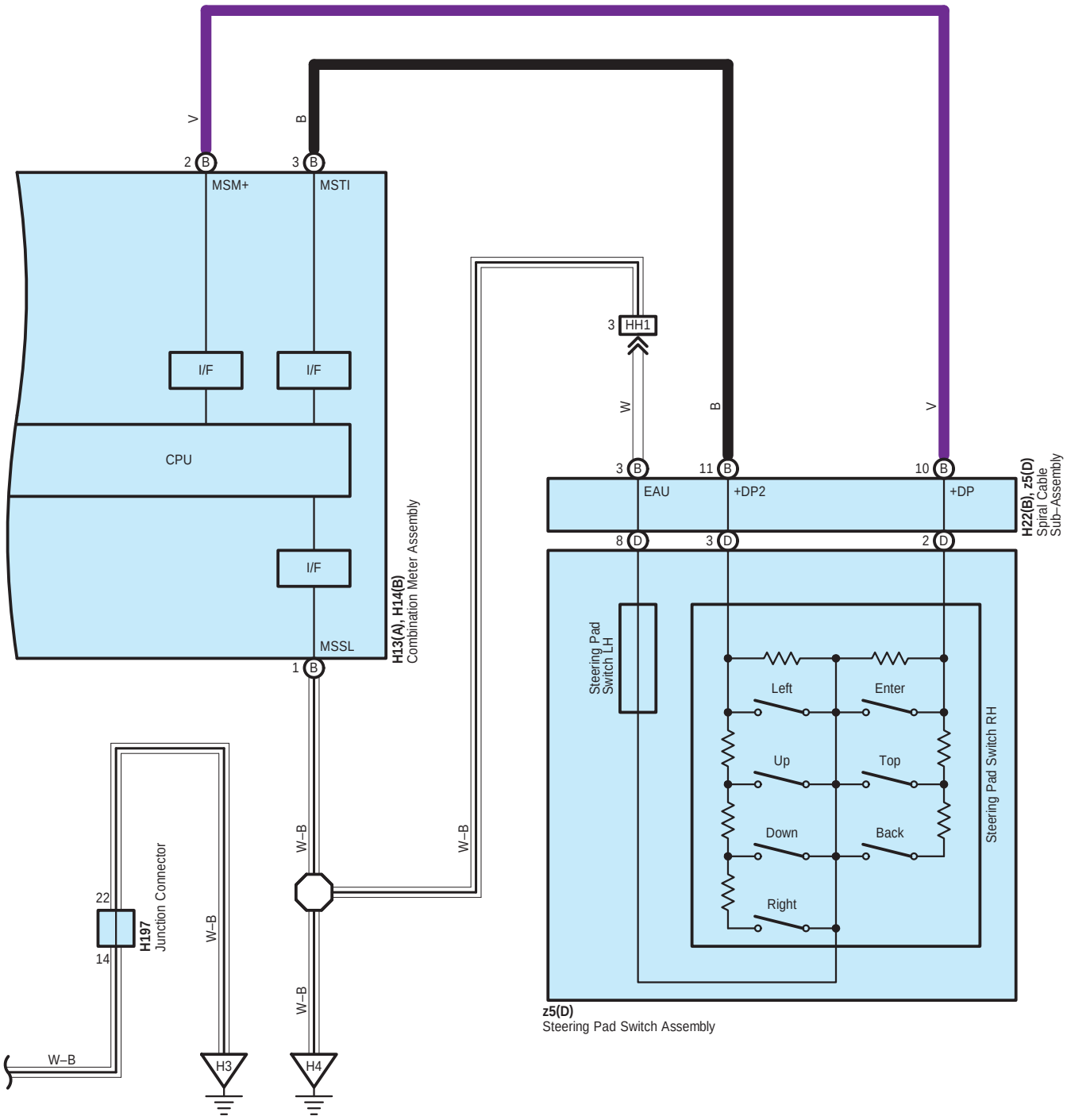

A24
Skid Control ECU with Actuator
(Brake Booster with Master Cylinder Assembly)
FL–
FL+
FR+
FR–
RL+
RL–
RR+
RR–
IG1
IG2
MRI1
MRI2
BS
BI
32
31
18
5
20
7
22
9
16
12
1
2
15
14
W
B
B
W
R
G
W
B
SB
SB
W
R
Y
P
16
AA1
V
Front
Speed Sensors
Rear
Speed Sensors
P
Y
R
W
SB
V


W
W
G
G

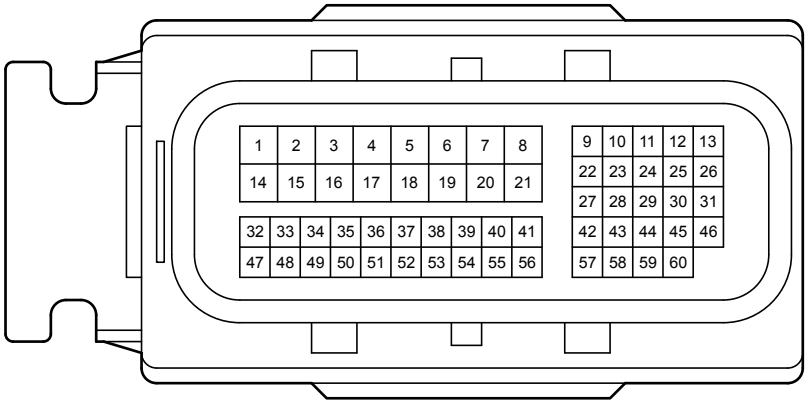

(BAT)
7. 5A
ABS
NO. 2
(BAT)
30A
ABS
NO. 1
(BAT)
50A
ABS MTR
NO. 2
(BAT)
50A
ABS MTR
NO. 1
(IG)
7. 5A
ECU–IG2
NO. 2
(IG)
10A
ECU–IG1
NO. 1
2
1
17 3D
36 3D
L
Y
R
W
SB
V
17 AA1
18 AA1
P
Y
R
W
SB
V


W
W
G
G

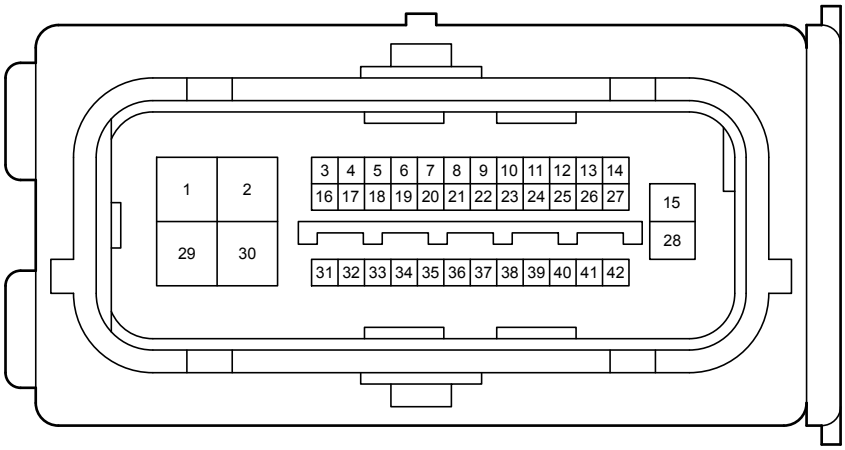

(BAT)
10A
ECU–B
NO. 1
(IG)
7. 5A
ECU–IG2
NO. 1
H112
Junction
Connector
H13(A), H14(B)
Combination Meter Assembly
5V IC
5V+B
Telltales
Display
Driver
LED
Driver
CPU
Speaker
I/F
CAN I/F
I/F
ES
CANL
CANH
EL
ER
SW
TL
TR
CR
LH
Off
RH
Turn Switch
H19
Headlight Dimmer Switch Assembly
W–B
H4


V
B
2 B
3 B
MSM+
MSTI
I/F
I/F
CPU
I/F
MSSL
1 B
H13(A), H14(B)
Combination Meter Assembly
3 HH1
W
B
V
3 B
11 B
10 B
EAU
+DP2
+DP
H22(B), z5(D)
Spiral Cable
Sub-Assembly
8 D
3 D
2 D
Steering Pad
Switch LH
Left
Enter
Up
Top
Down
Back
Right
Steering Pad Switch RH
z5(D)
Steering Pad Switch Assembly
W–B
W–B
W–B
W–B
22
14
H197
Junction Connector
W–B
W–B
H3
H4

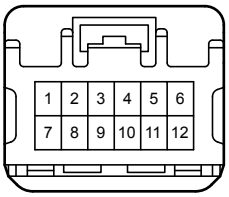
A 22
Black



A 24
Black

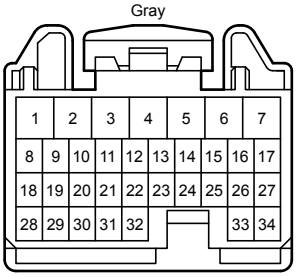


A 62
White

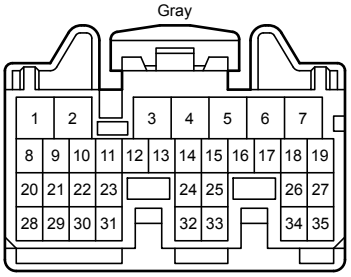


A 63
Gray

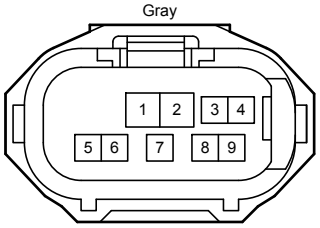
A 78
Gray



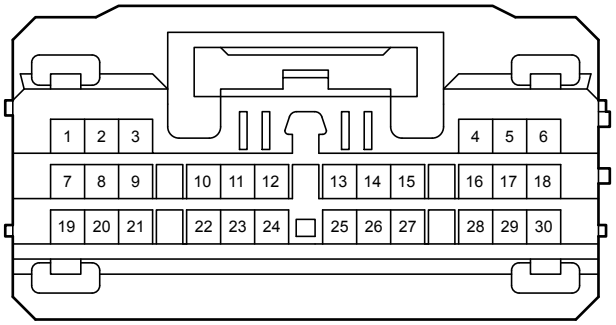
A 79
Gray



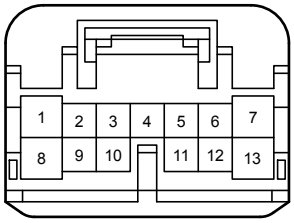
D 65
Gray



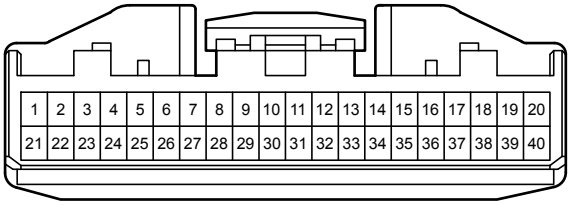
H 10
White



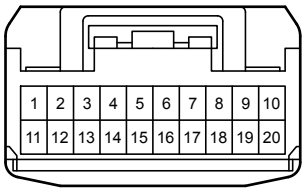
H 13
Black



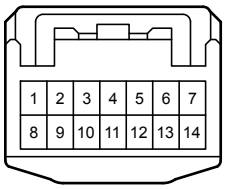
H 14
Black



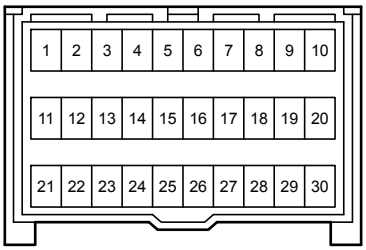
H 19
Black



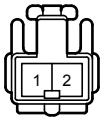
H 22
Black



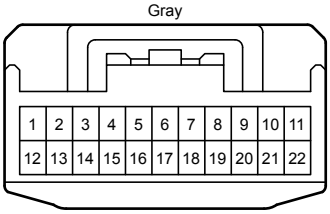
H 36
Yellow



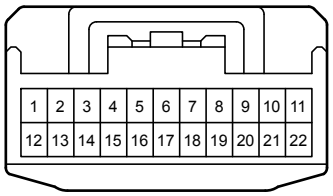
H 65
Blue



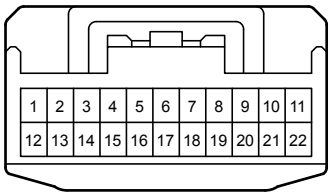
H111
Gray



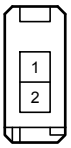
H112
White



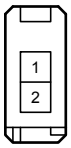
H115
Black



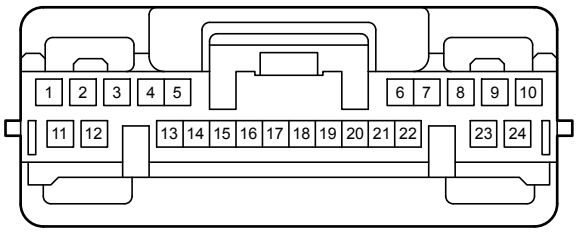
H122
White



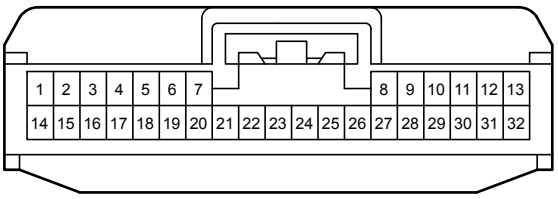
H125
White



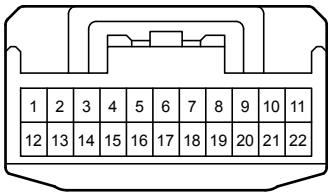
H195
Black



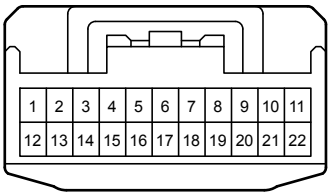
H196
White



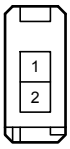
H197
White



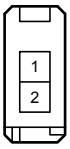
H198
Black



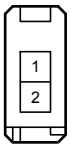
H199
White



H201
White



H202
White



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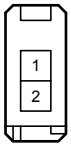

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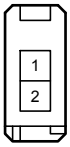

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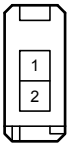

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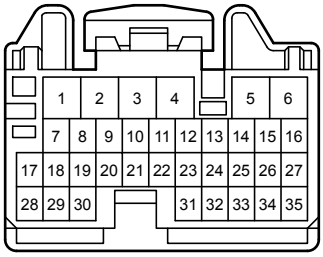

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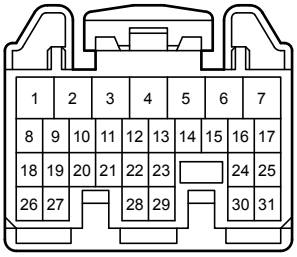

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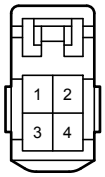

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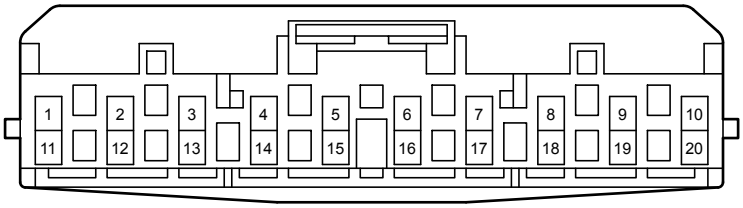

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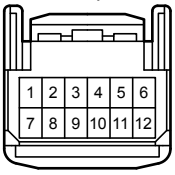

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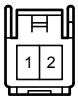

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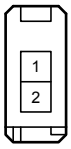

U 28
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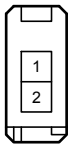

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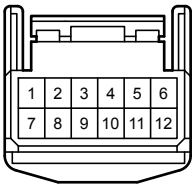

z 19
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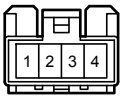

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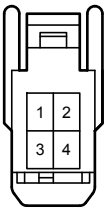

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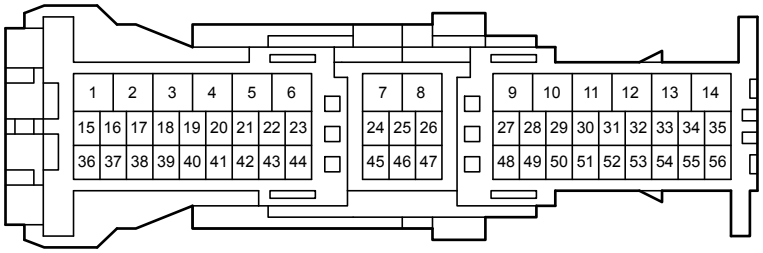

3B
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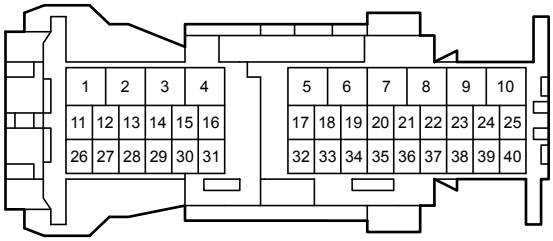

3D
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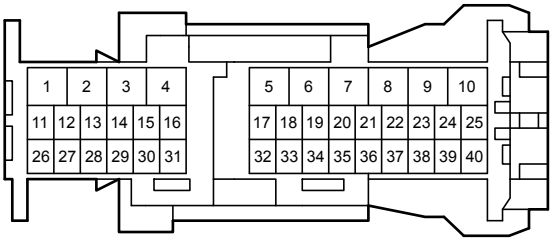
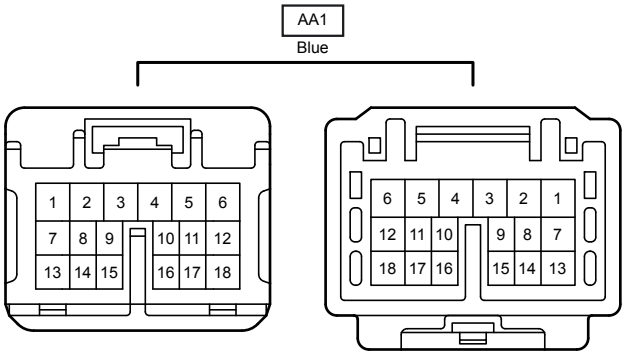
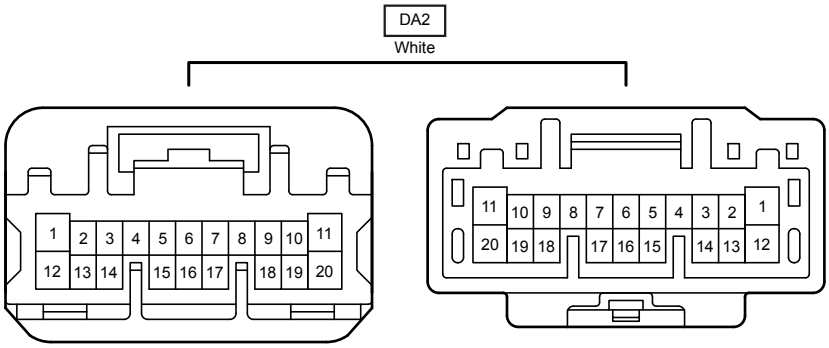
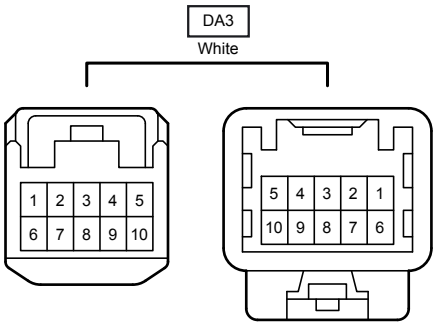



AA1
Blue
1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18
6 5 4 3 2 1
12 11 10 9 8 7
18 17 16 15 14 13


DA2
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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White
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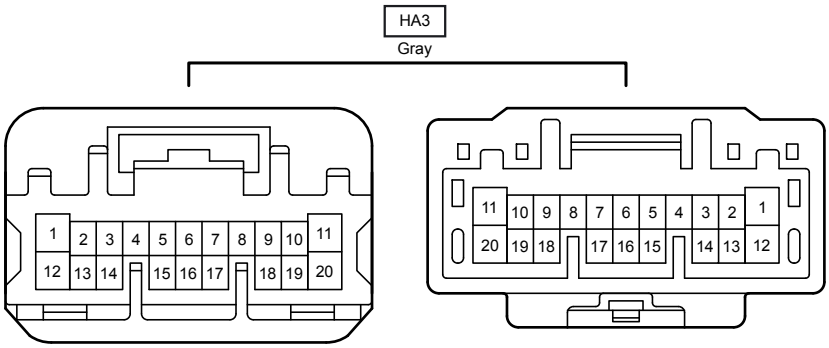
10 9 8 7 6


HA3
Gray
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12 13 14 15 16 17 18 19 20
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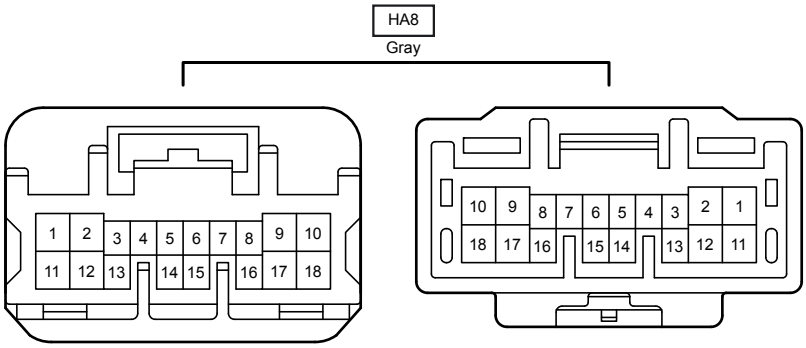
HA8
Gray
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11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
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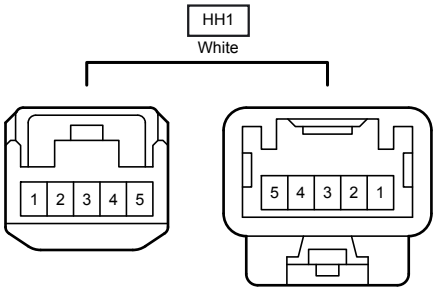
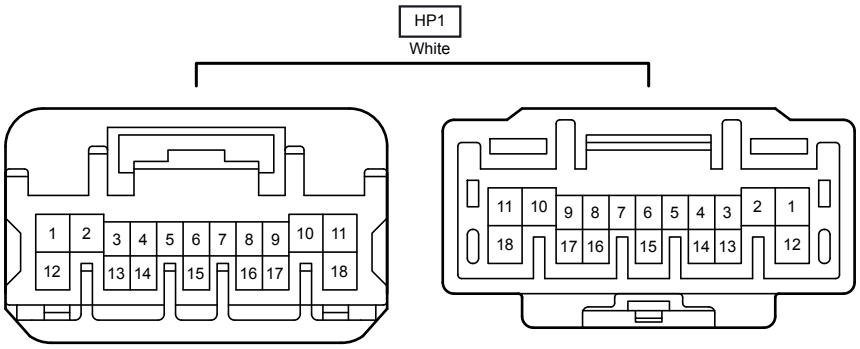

HH1
White
1 2 3 4 5
5 4 3 2 1


HP1
White
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12 13 14 15 16 17 18
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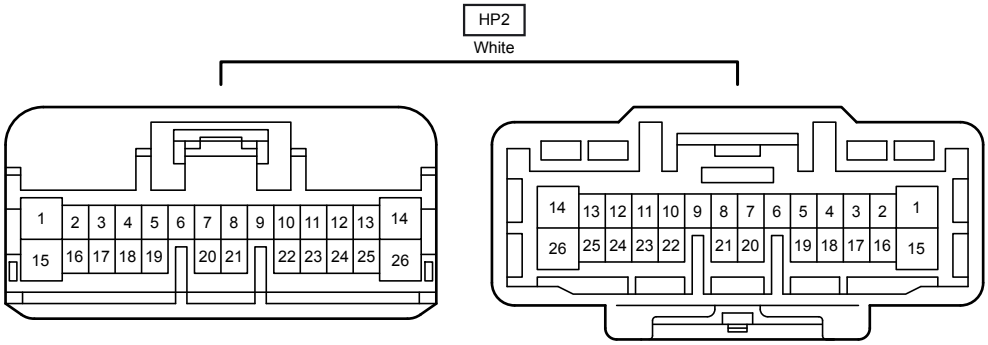
HP2
White
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15 16 17 18 19 20 21 22 23 24 25 26
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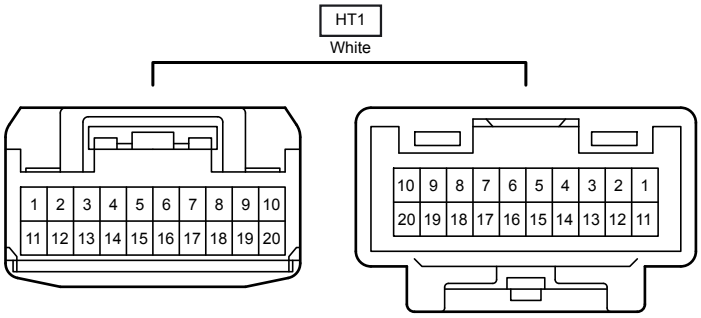
HT1
White
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11 12 13 14 15 16 17 18 19 20
10 9 8 7 6 5 4 3 2 1
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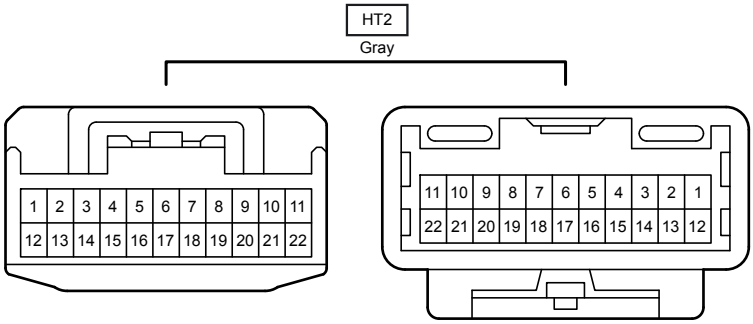
HT2
Gray
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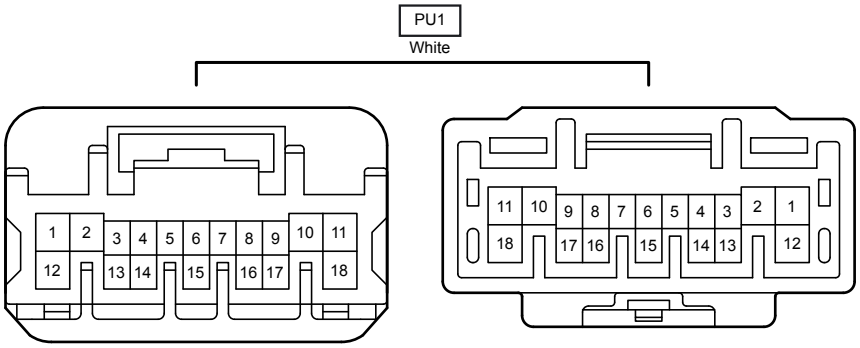
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


PU1
White
1
2
3
4
5
6
7
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9
10
11
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14
15
16
17
18
11
10
9
8
7
6
5
4
3
2
1
18
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16
15
14
13
12