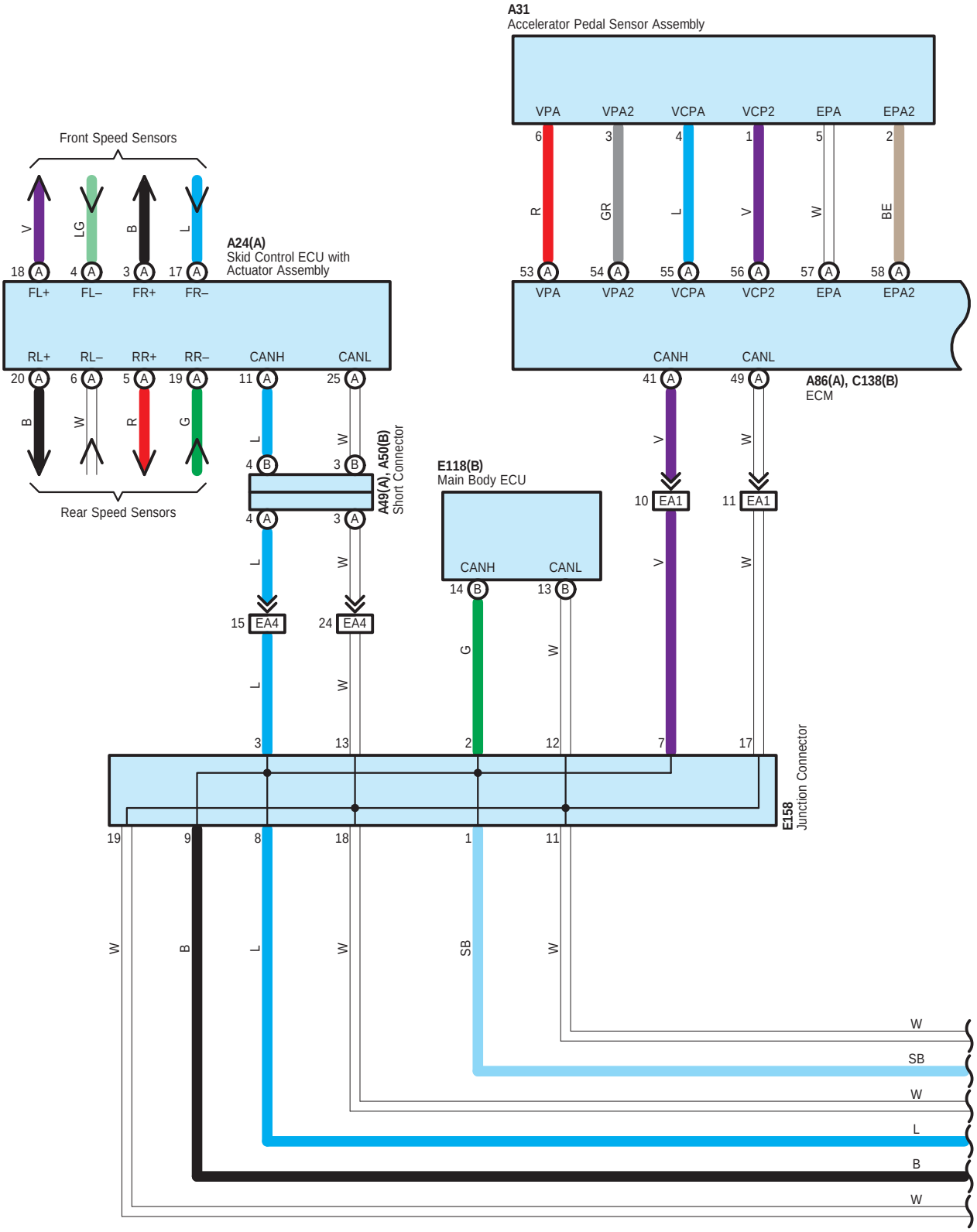
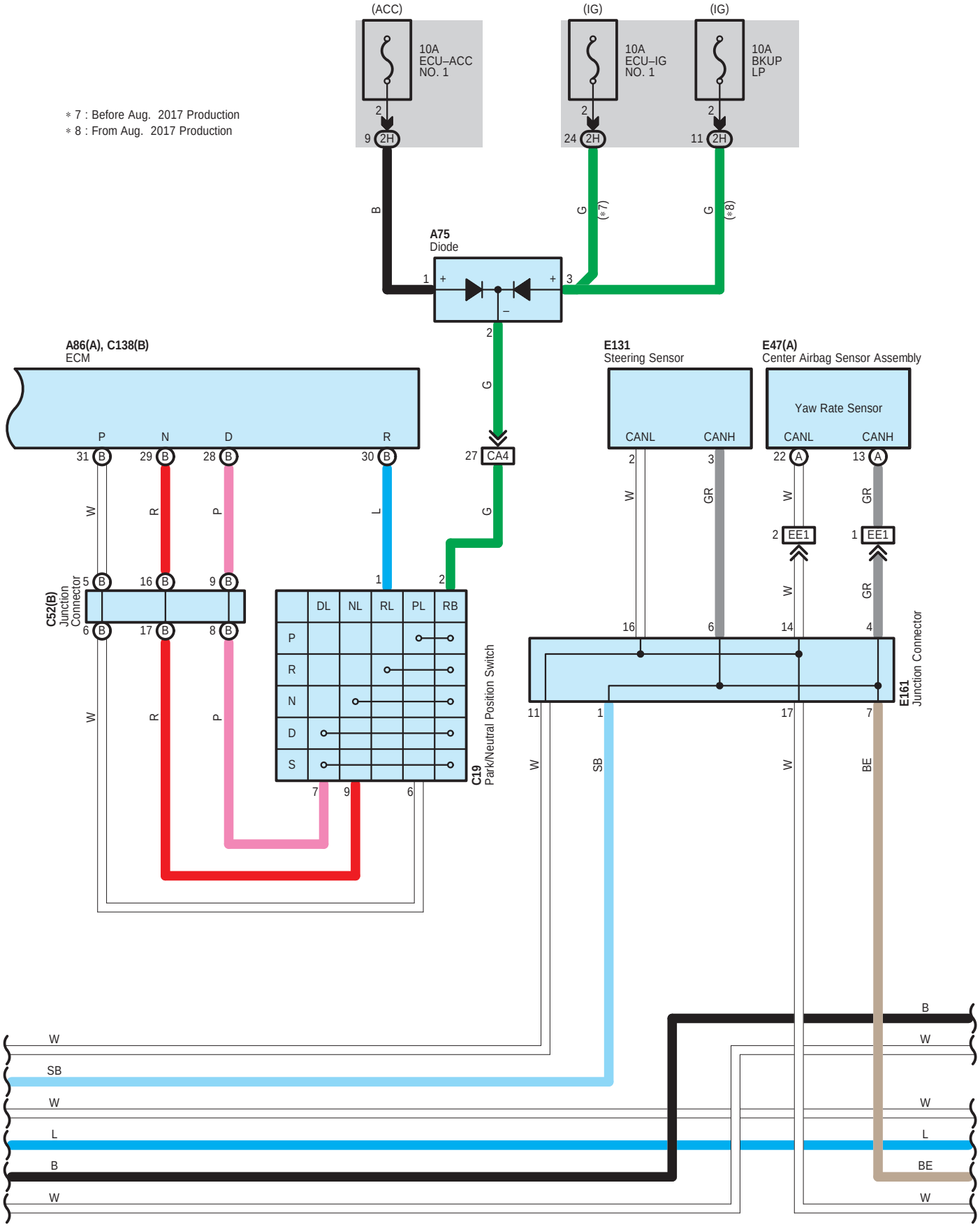
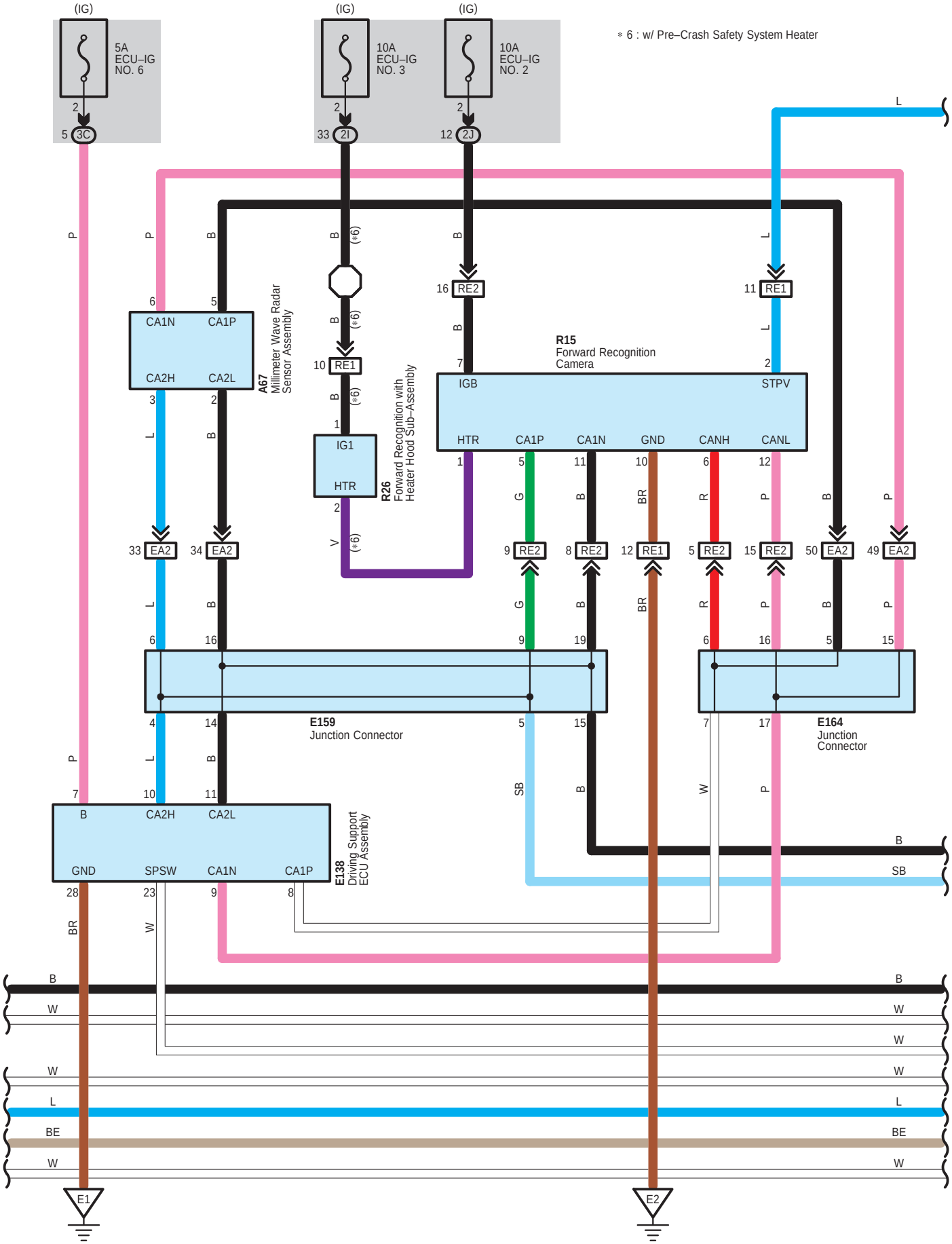
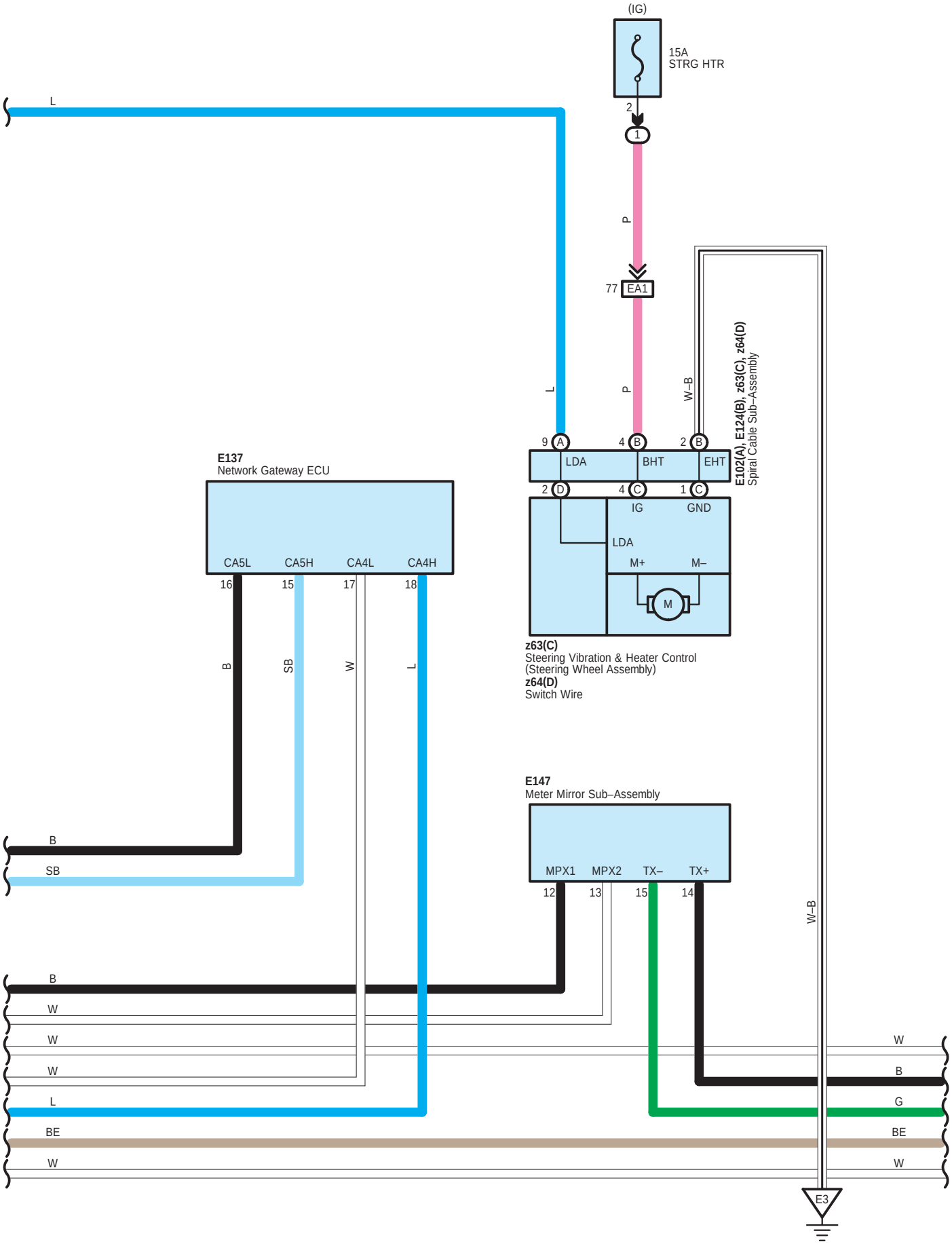
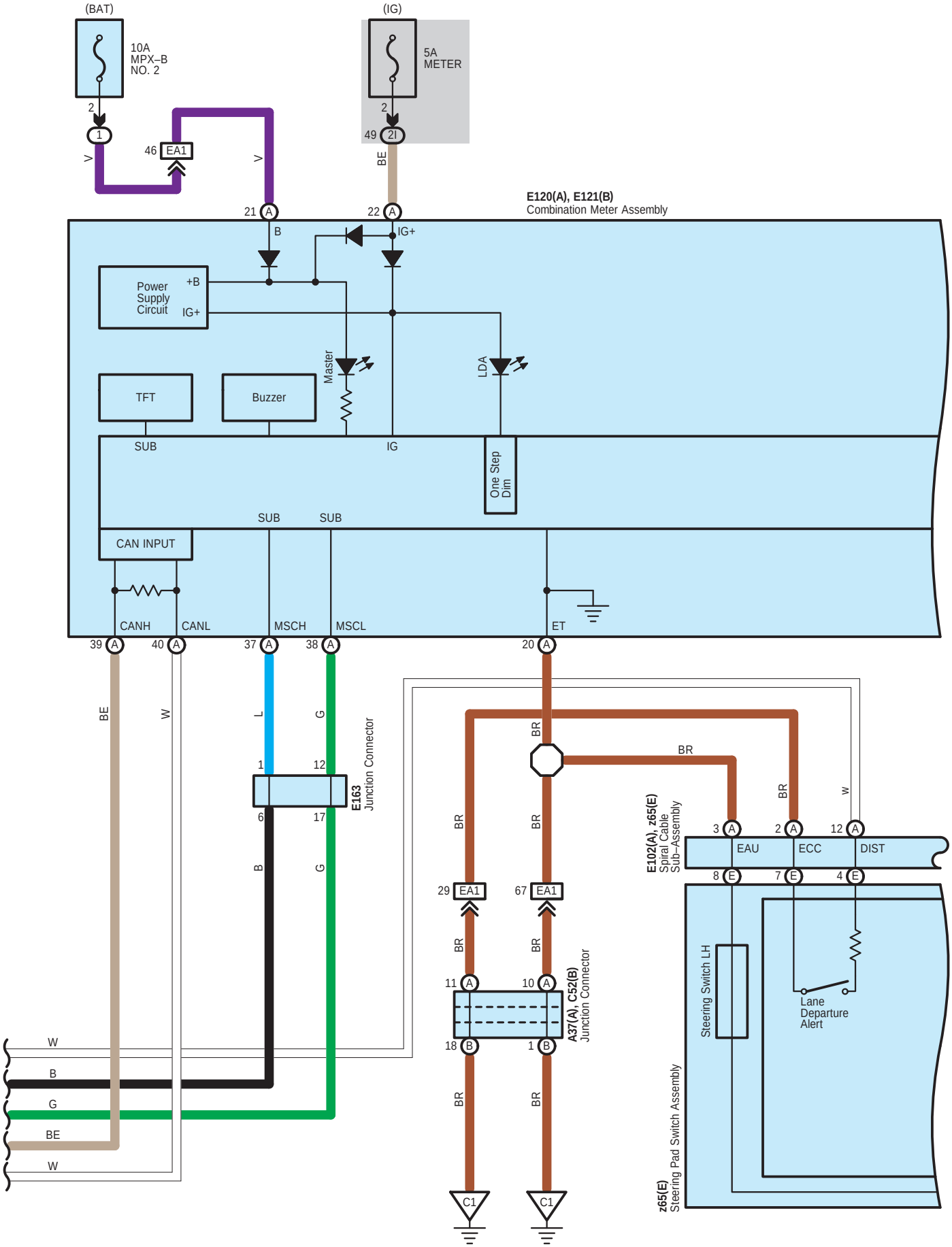
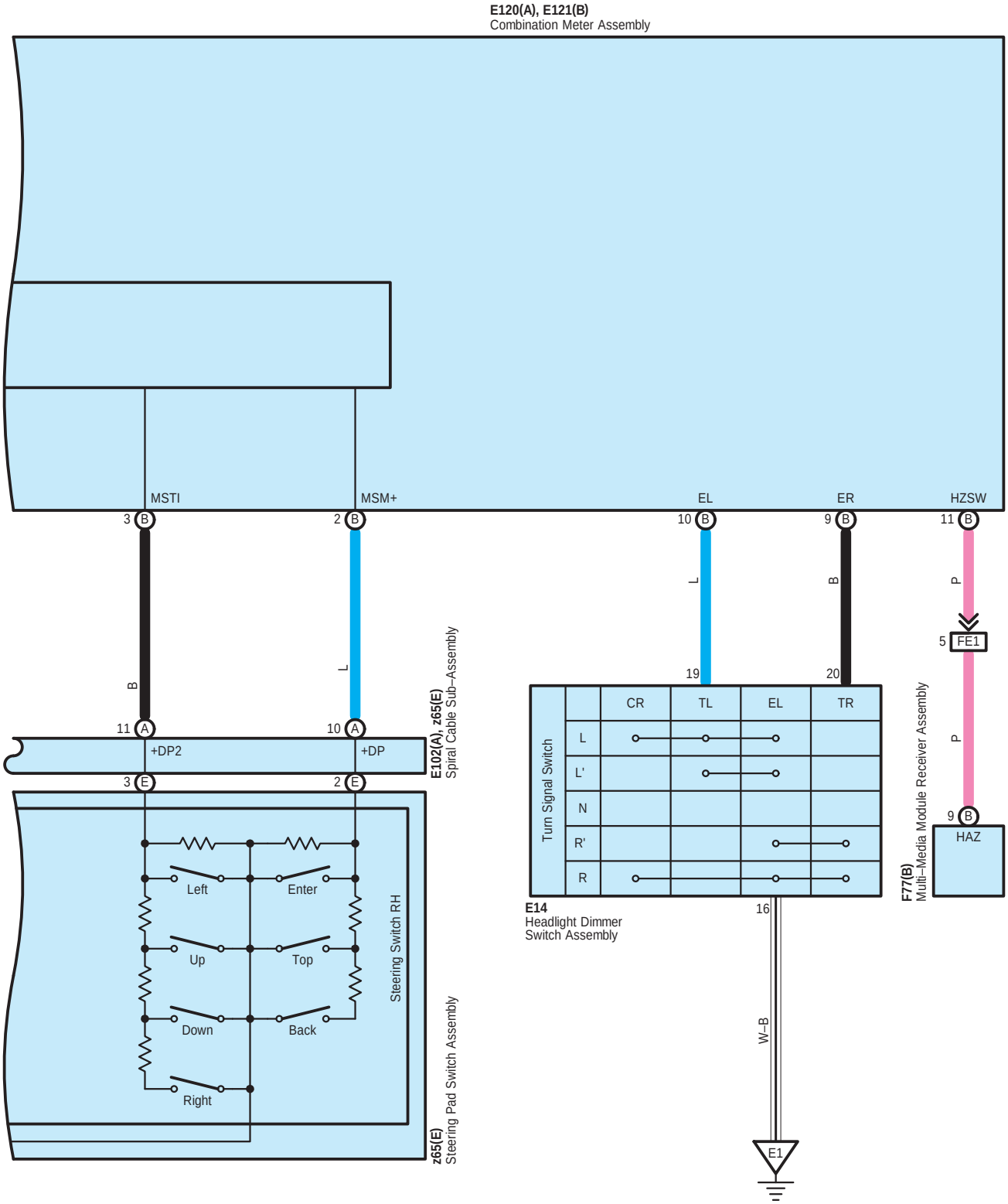

A31
Accelerator Pedal Sensor Assembly
VPA
VPA2
VCPA
VCP2
EPA
EPA2
Front Speed Sensors
A24(A)
Skid Control ECU with
Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANH
CANL
Rear Speed Sensors
A49(A), A50(B)
Short Connector
A86(A), C138(B)
ECM
E118(B)
Main Body ECU
EA1
EA4
E158
Junction Connector


(ACC)
10A
ECU–ACC
NO. 1
(IG)
10A
ECU–IG
NO. 1
(IG)
10A
BKUP
LP
∗7 : Before Aug. 2017 Production
∗8 : From Aug. 2017 Production
A75
Diode
A86(A), C138(B)
ECM
E131
Steering Sensor
E47(A)
Center Airbag Sensor Assembly
Yaw Rate Sensor
CANL
CANH
C52(B)
Junction
Connector
C19
Park/Neutral Position Switch
E161
Junction Connector
DL
NL
RL
PL
RB
P
R
N
D
S

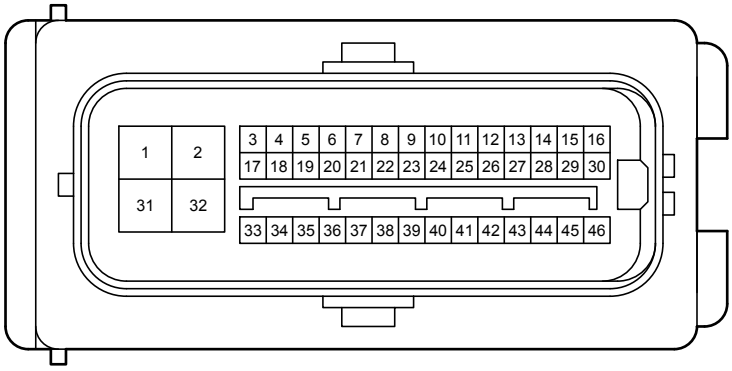

(IG)
5A
ECU–IG
NO. 6
10A
ECU–IG
NO. 3
10A
ECU–IG
NO. 2
∗ 6 : w/ Pre–Crash Safety System Heater
A67
Millimeter Wave Radar
Sensor Assembly
R26
Forward Recognition with
Heater Hood Sub–Assembly
R15
Forward Recognition
Camera
E159
Junction Connector
E164
Junction
Connector
E138
Driving Support
ECU Assembly
CA1N
CA1P
CA2H
CA2L
IG1
HTR
IGB
STPV
GND
CANH
CANL
SPSW
RE1
RE2
EA2
E1
E2


(IG)
15A
STRG HTR
2
1
P
77 EA1
P
L
W–B
E102(A), E124(B), z63(C), z64(D)
Spiral Cable Sub–Assembly
9 A
4 B
2 B
LDA
BHT
EHT
2 D
4 C
1 C
IG
GND
LDA
M+
M–
M
z63(C)
Steering Vibration & Heater Control
(Steering Wheel Assembly)
z64(D)
Switch Wire
E137
Network Gateway ECU
CA5L
CA5H
CA4L
CA4H
16
15
17
18
B
SB
W
L
E147
Meter Mirror Sub–Assembly
MPX1
MPX2
TX–
TX+
12
13
15
14
W–B
L
B
SB
B
W
W
W
L
BE
W
W
B
G
BE
W
E3

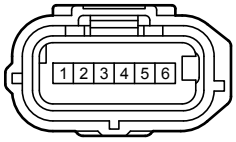

(BAT)
10A
MPX–B
NO. 2
(IG)
5A
METER
46 EA1
49 2I
E120(A), E121(B)
Combination Meter Assembly
21 A
22 A
B
IG+
Power
Supply
Circuit
+B
IG+
Master
LDA
TFT
Buzzer
SUB
IG
One Step
Dim
SUB
SUB
CAN INPUT
CANH
CANL
MSCH
MSCL
ET
39 A
40 A
37 A
38 A
20 A
BE
W
L
G
1
12
6
17
B
G
E163
Junction Connector
BR
BR
BR
BR
BR
BR
BR
BR
w
E102(A), z65(E)
Spiral Cable
Sub–Assembly
3 A
2 A
12 A
EAU
ECC
DIST
8 E
7 E
4 E
29 EA1
67 EA1
11 A
10 A
18 B
1 B
A37(A), C52(B)
Junction Connector
Steering Switch LH
Lane
Departure
Alert
z65(E)
Steering Pad Switch Assembly
C1
C1
W
B
G
BE
W


E120(A), E121(B)
Combination Meter Assembly
MSTI
MSM+
EL
ER
HZSW
3 B
2 B
10 B
9 B
11 B
B
L
L
B
P
5 FE1
P
11 A
10 A
+DP2
+DP
E102(A), z65(E)
Spiral Cable Sub–Assembly
3 E
2 E
Left
Enter
Up
Top
Down
Back
Right
Steering Switch RH
z65(E)
Steering Pad Switch Assembly
19
20
Turn Signal Switch
CR
TL
EL
TR
L
L'
N
R'
R
E14
Headlight Dimmer
Switch Assembly
16
W–B
E1
9 B
HAZ
F77(B)
Multi–Media Module Receiver Assembly

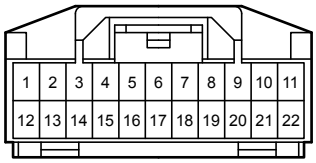
A 24
Black



A 31
Black

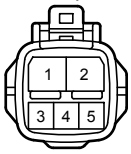


A 37
Blue

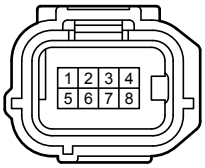


A 49
Gray

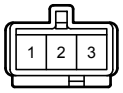
A 50
Gray



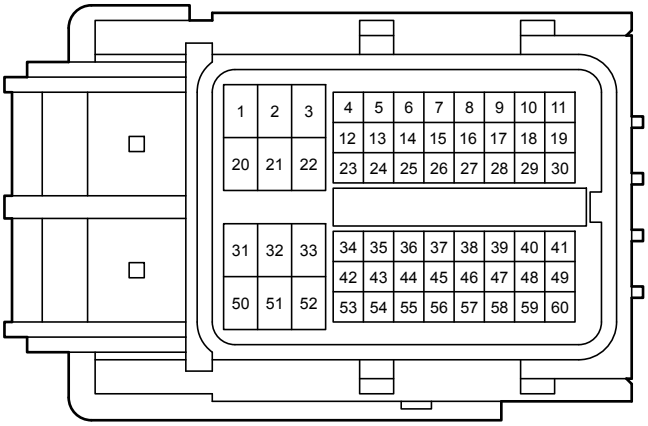
A 67
Black



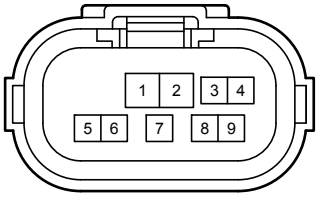
A 75
Gray



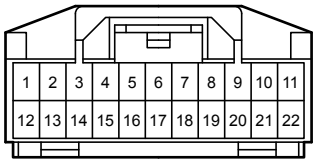
A 86
Black



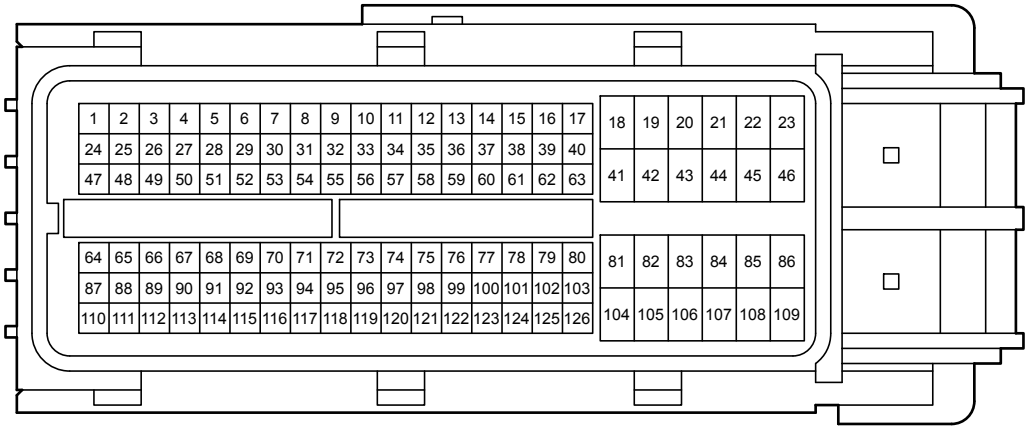
C 19
Gray



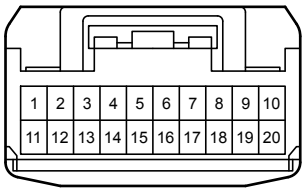
C 52
Blue



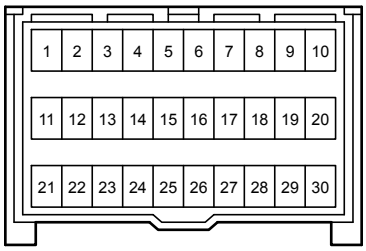
C138
Black



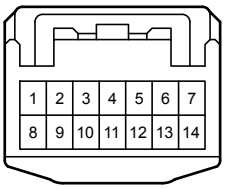
E 14
White



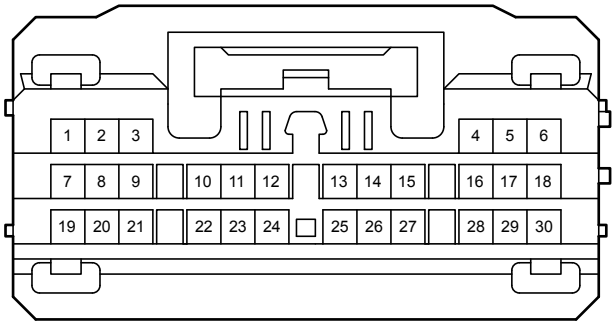
E 47
Yellow



E102
Black



E118
White



E120
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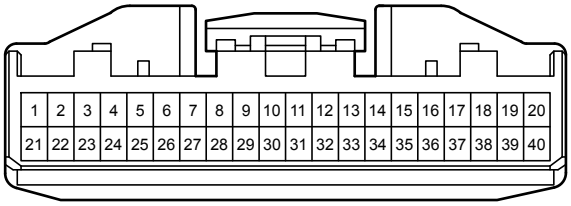
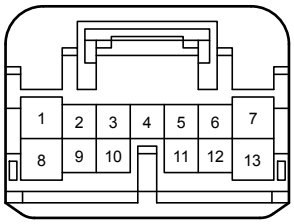


E121
Black



E124
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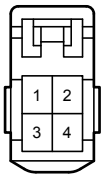
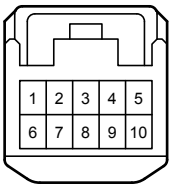


E131
White



E137
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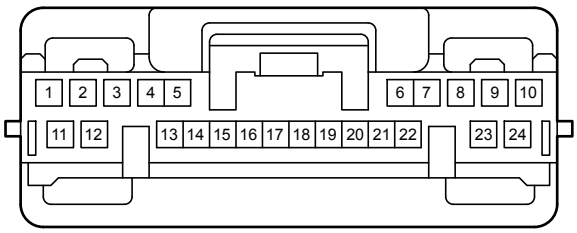

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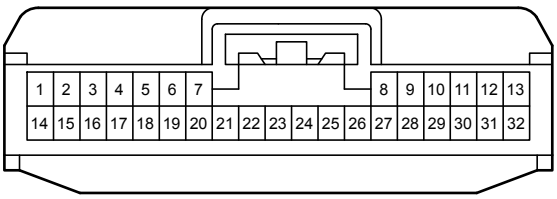

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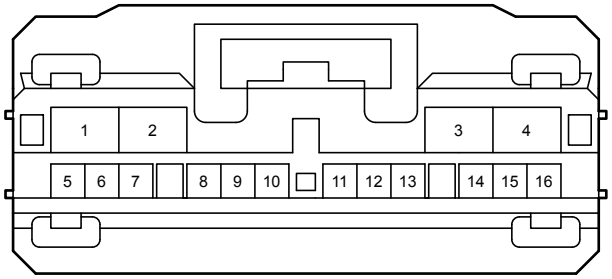

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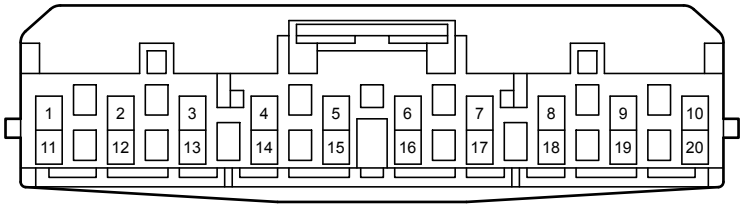

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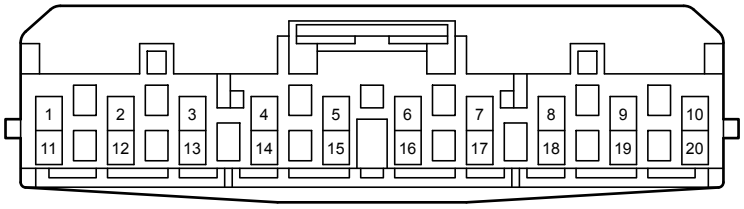

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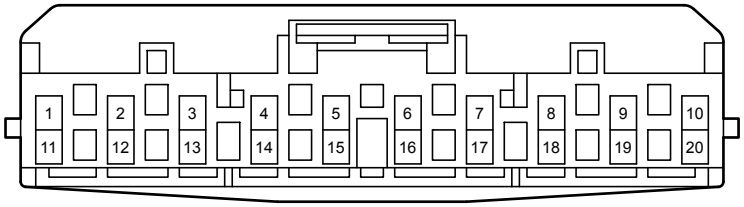

E163
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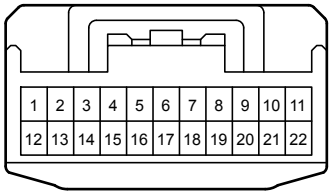

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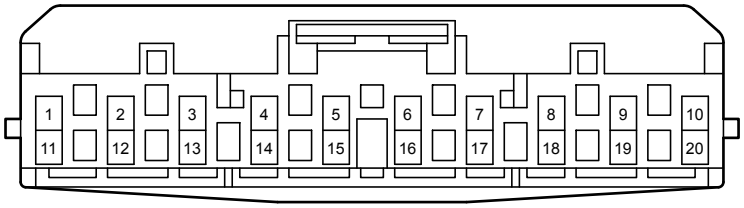
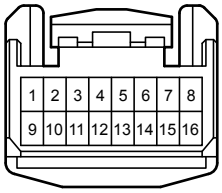
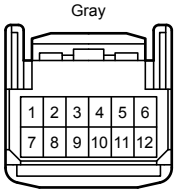


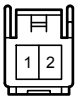
F 77
White



R 15
Gray



R 26
Black



z 63
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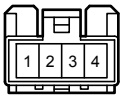

z 64
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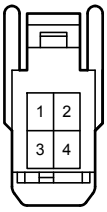
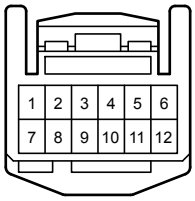
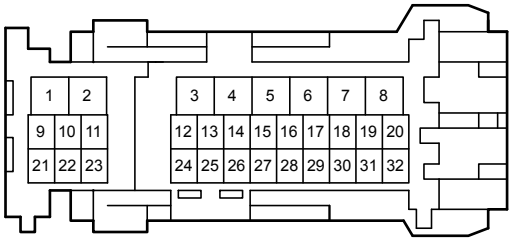


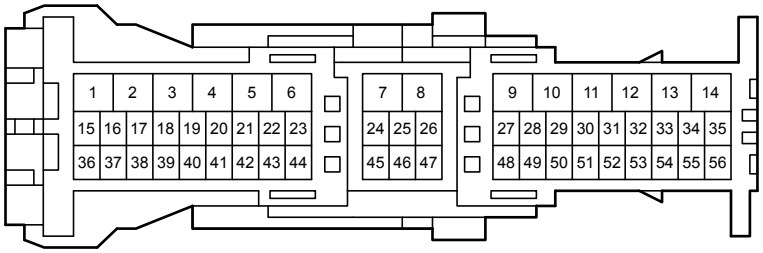
z 65
Black



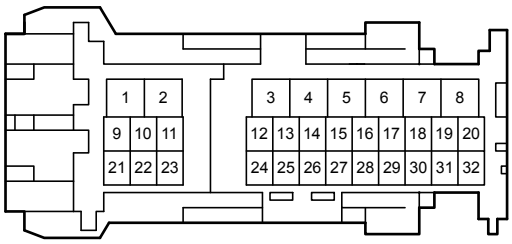
2H
White



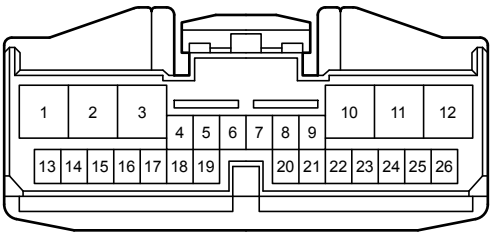
2I
White



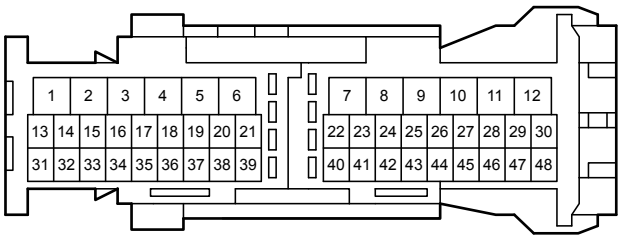
2J
White

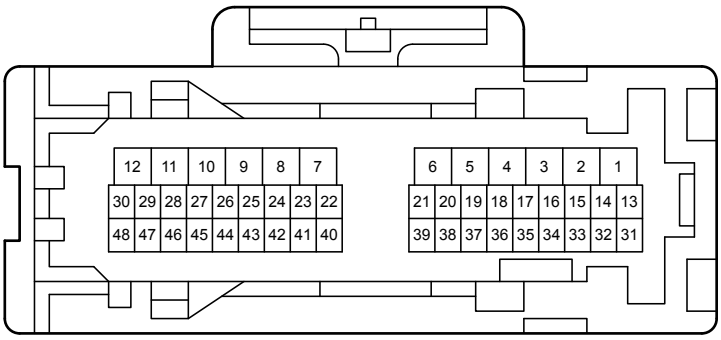


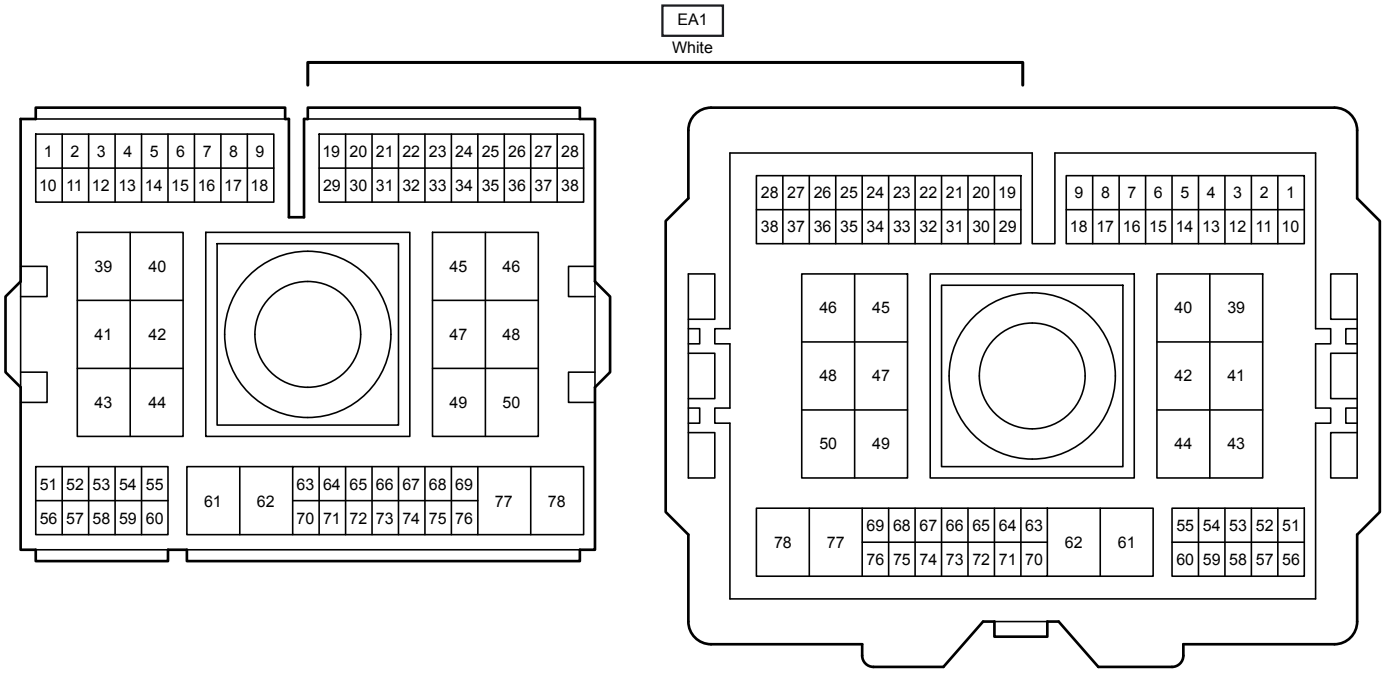
3C
White

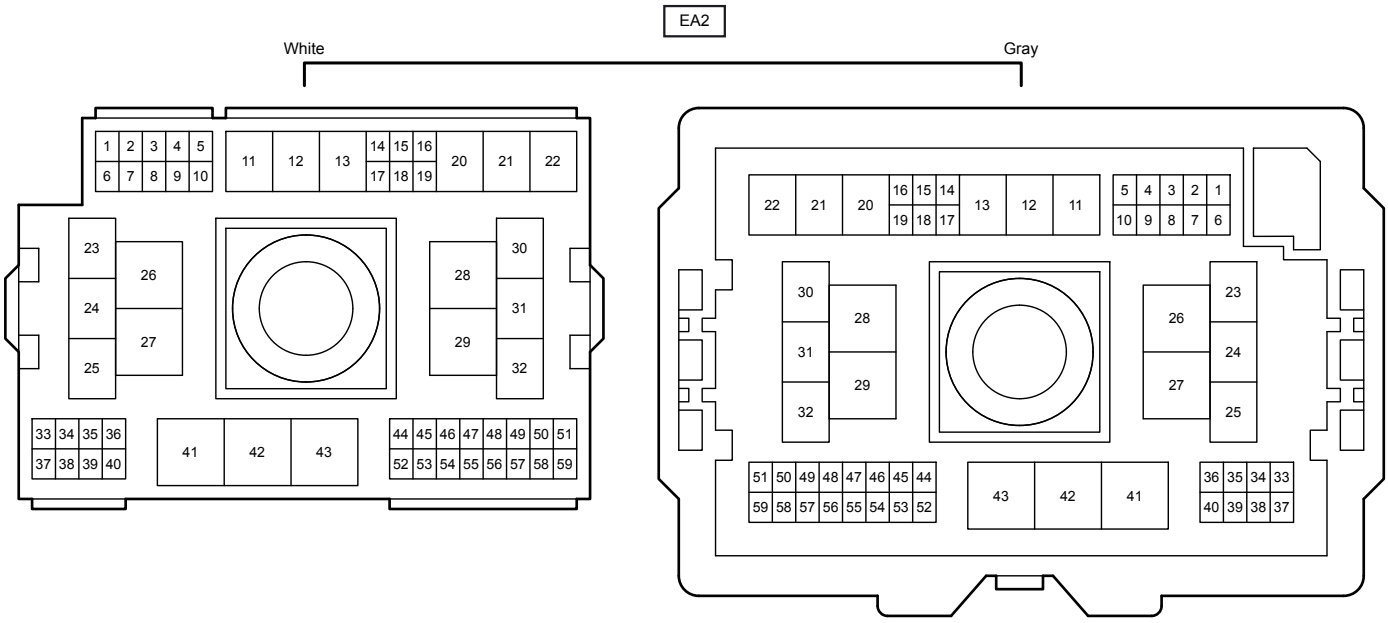


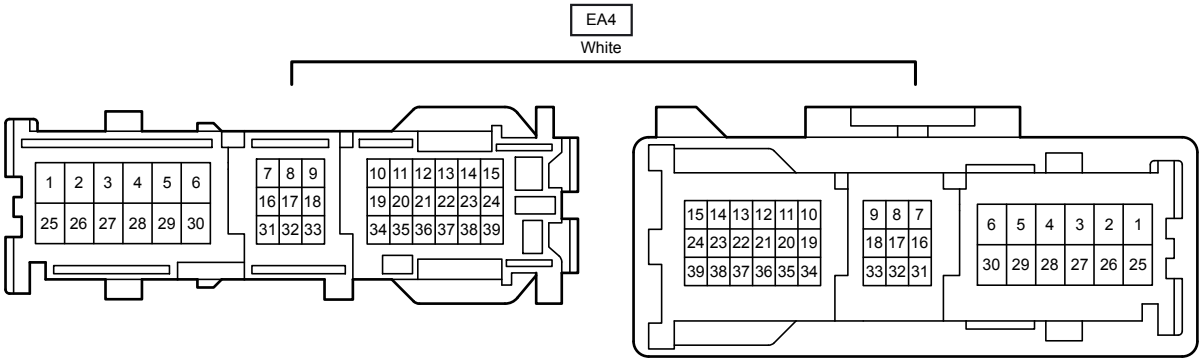
CA4
White

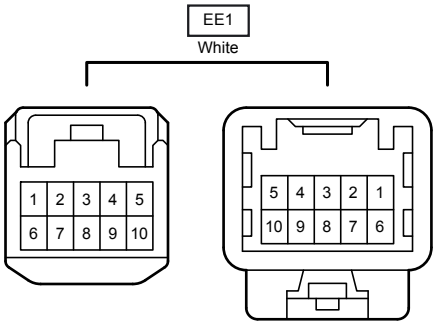


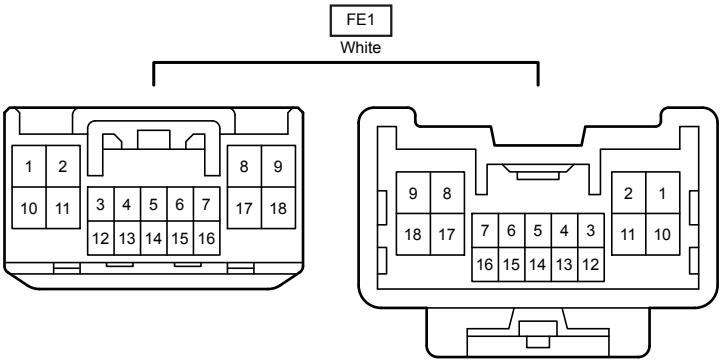


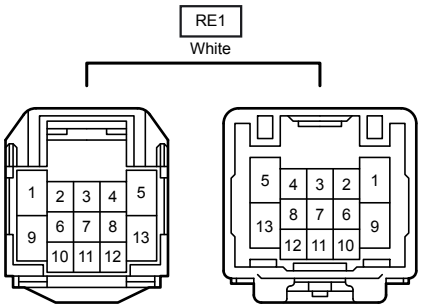

EA1
White

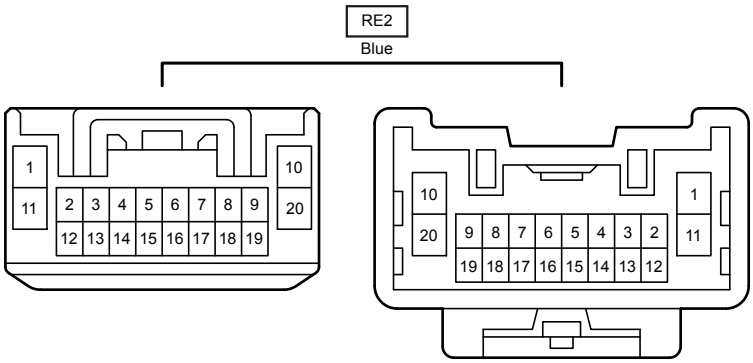

EA2
White
Gray


EA4
White


EE1
White
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


FE1
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10


RE1
White
1
2 3 4
5
9
6 7 8
13
10 11 12
5
4 3 2
1
13
8 7 6
9
12 11 10


RE2
Blue
1
11
2 3 4 5 6 7 8 9
12 13 14 15 16 17 18 19
10
20
10
20
9 8 7 6 5 4 3 2
19 18 17 16 15 14 13 12
1
11