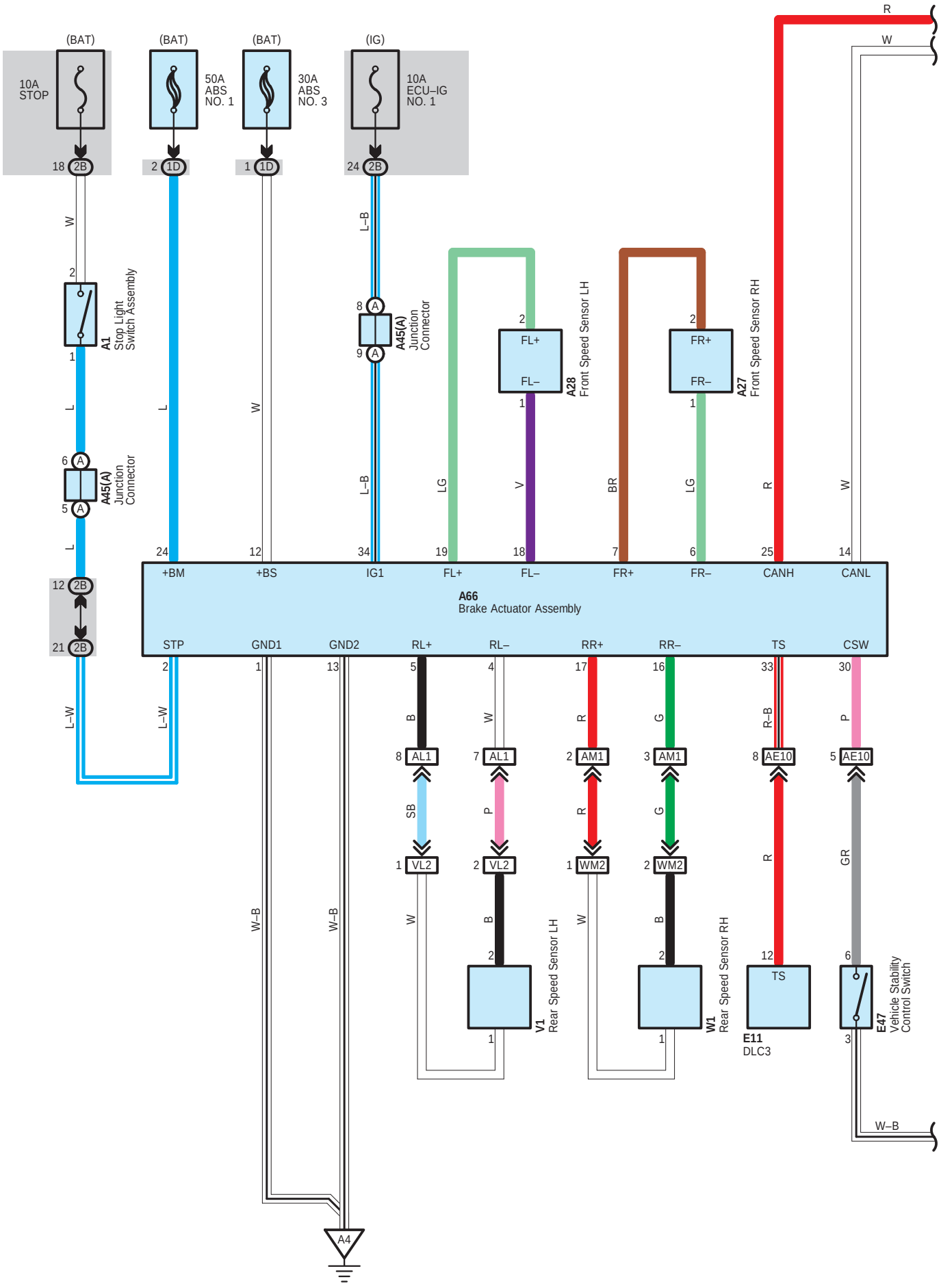
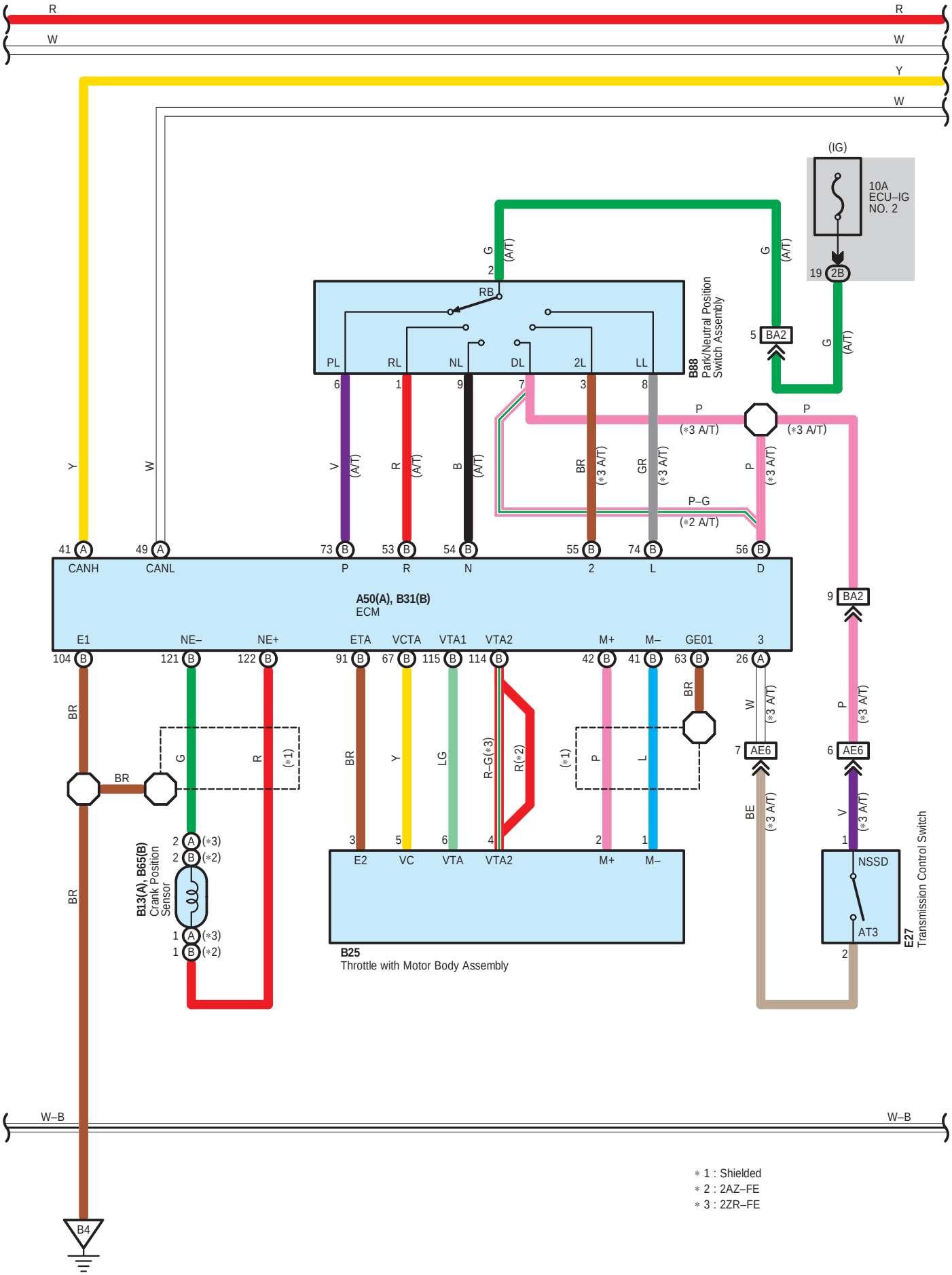
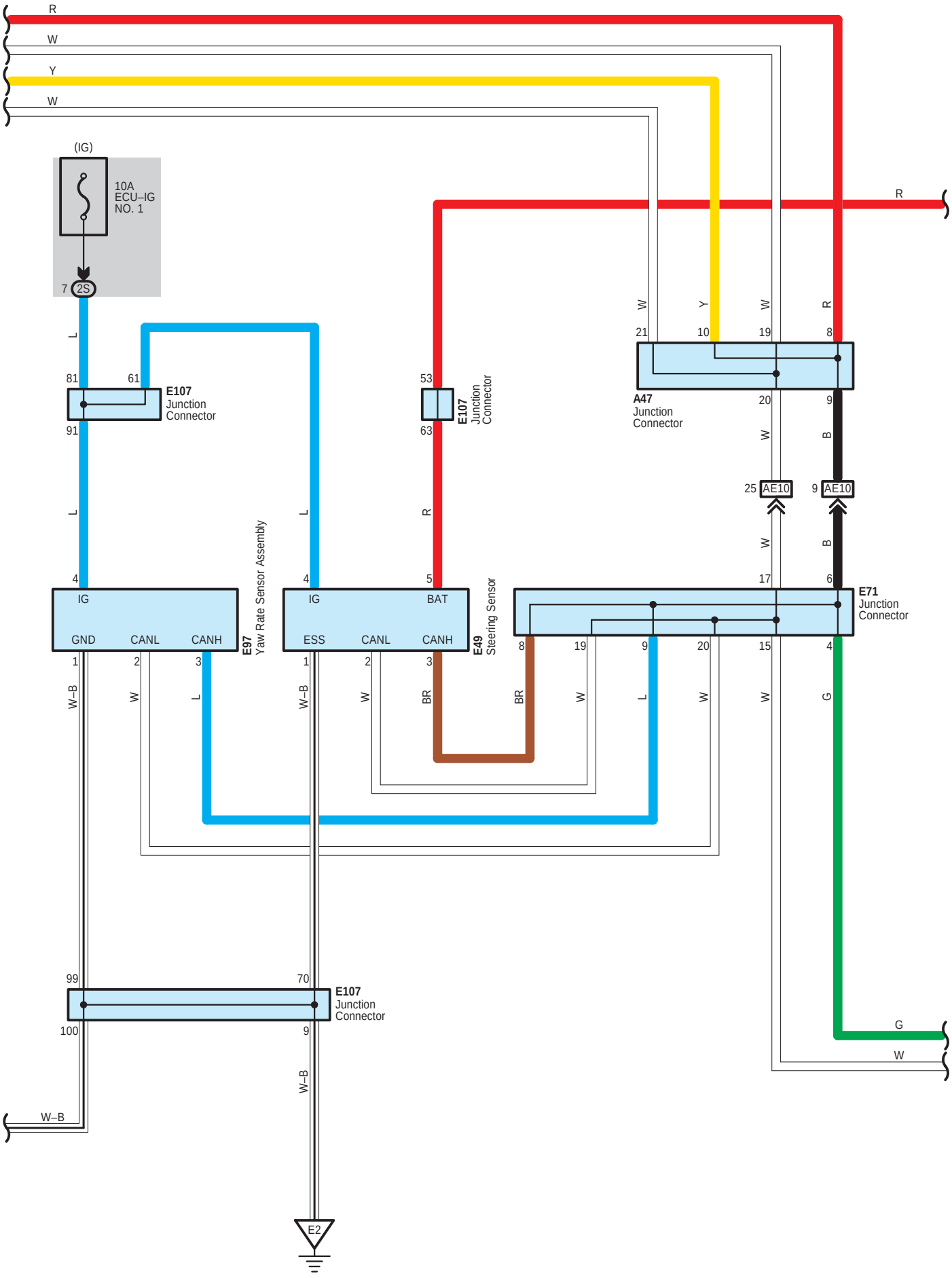
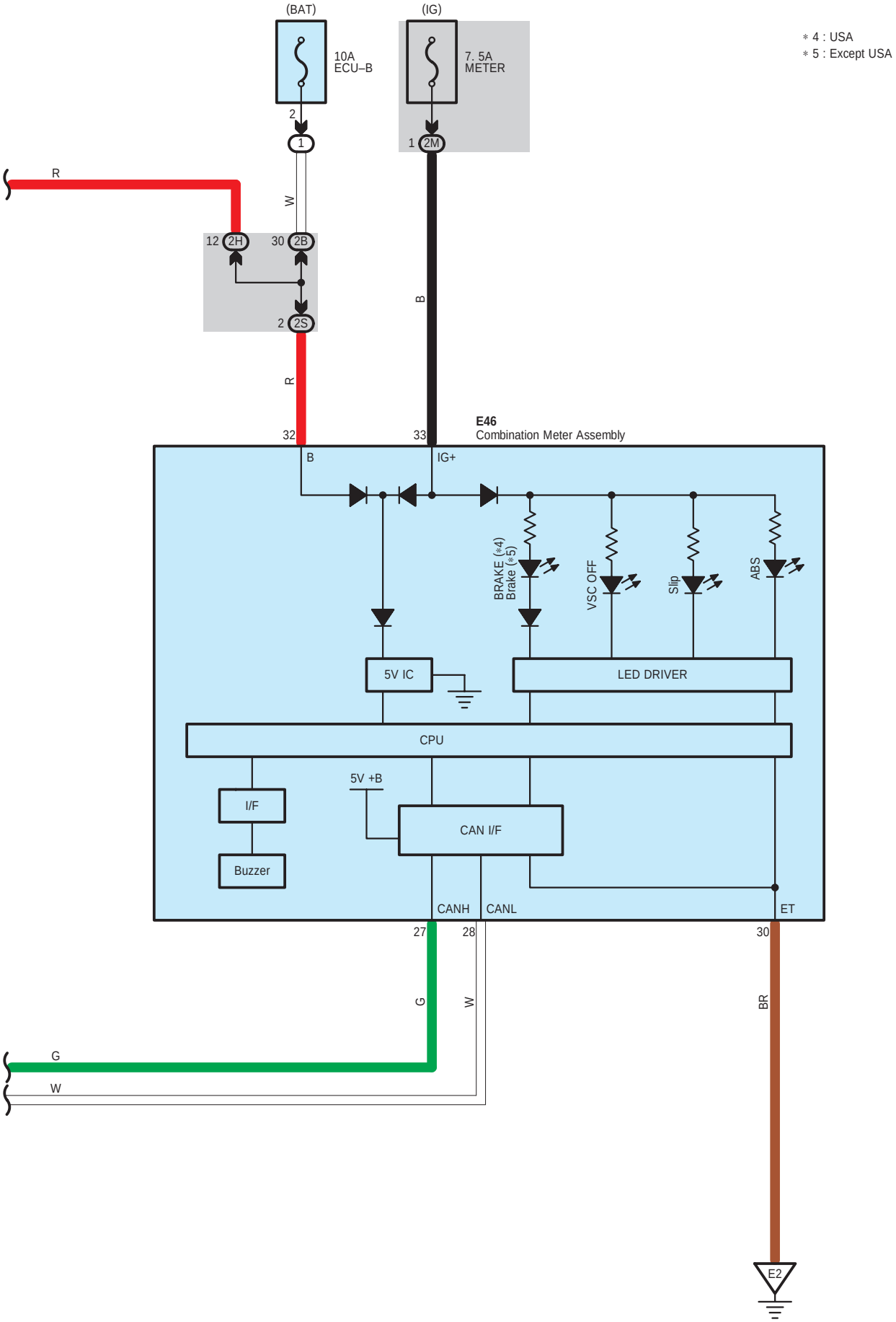
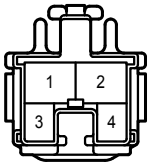

(BAT)
10A
STOP
18 2B
(BAT)
50A
ABS
NO. 1
2 1D
(BAT)
30A
ABS
NO. 3
1 1D
(IG)
10A
ECU–IG
NO. 1
24 2B
R
W
W
2
1
A1
Stop Light
Switch Assembly
L
6 A
5 A
A45(A)
Junction
Connector
L
12 2B
21 2B
L
L
L–B
8 A
9 A
A45(A)
Junction
Connector
L–B
W
LG
2
FL+
FL–
1
A28
Front Speed Sensor LH
V
BR
2
FR+
FR–
1
A27
Front Speed Sensor RH
LG
R
W
24
12
34
19
18
7
6
25
14
+BM
+BS
IG1
FL+
FL–
FR+
FR–
CANH
CANL
A66
Brake Actuator Assembly
STP
GND1
GND2
RL+
RL–
RR+
RR–
TS
CSW
2
1
13
5
4
17
16
33
30
L–W
L–W
W–B
W–B
B
W
R
G
R–B
P
8 AL1
7 AL1
2 AM1
3 AM1
8 AE10
5 AE10
SB
P
R
G
R
GR
1 VL2
2 VL2
1 WM2
2 WM2
W
B
W
B
2
1
V1
Rear Speed Sensor LH
W1
Rear Speed Sensor RH
12
TS
E11
DLC3
6
3
E47
Vehicle Stability
Control Switch
W–B
A4


R
W
Y
(IG)
10A
ECU–IG
NO. 2
19 2B
G (A/T)
2
RB
PL RL NL DL 2L LL
B88
Park/Neutral Position
Switch Assembly
5 BA2
6 1 9 7 3 8
V (A/T)
R (A/T)
B (A/T)
BR (*3 A/T)
GR (*3 A/T)
P (*3 A/T)
P–G (*2 A/T)
41 A CANH
49 A CANL
73 B P
53 B R
54 B N
55 B 2
74 B L
56 B D
A50(A), B31(B)
ECM
E1 NE– NE+ ETA VCTA VTA1 VTA2 M+ M– GE01 3
104 B 121 B 122 B 91 B 67 B 115 B 114 B 42 B 41 B 63 B 26 A
BR
G
R (*1)
BR
B13(A), B65(B)
Crank Position
Sensor
2 A (*3)
2 B (*2)
1 A (*3)
1 B (*2)
BR
BR
Y
LG
R–G(*3)
R(*2)
(*1)
P
L
W (*3 A/T)
BE (*3 A/T)
7 AE6
9 BA2
P (*3 A/T)
6 AE6
V (*3 A/T)
3 5 6 4 2 1
E2 VC VTA VTA2 M+ M–
B25
Throttle with Motor Body Assembly
NSSD
AT3
E27
Transmission Control Switch
2
W–B
B4
* 1 : Shielded
* 2 : 2AZ–FE
* 3 : 2ZR–FE

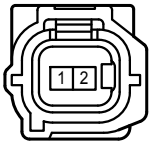

R
W
Y
W
(IG)
10A
ECU–IG
NO. 1
7 2S
L
81
61
E107
Junction
Connector
91
L
4
IG
GND
CANL
CANH
1
2
3
W–B
W
L
E97
Yaw Rate Sensor Assembly
L
4
IG
ESS
CANL
CANH
1
2
3
W–B
W
BR
53
R
E107
Junction
Connector
63
R
5
BAT
E49
Steering Sensor
8
BR
W
21
10
19
8
A47
Junction
Connector
20
9
W
B
25 AE10
9 AE10
W
B
17
6
E71
Junction
Connector
19
9
20
15
4
W
L
W
W
G
R
G
W
99
70
E107
Junction
Connector
100
9
W–B
W–B
E2


(BAT)
(IG)
10A
ECU–B
7. 5A
METER
2
1
1
2M
R
W
12
2H
30
2B
2
2S
B
R
32
33
E46
Combination Meter Assembly
B
IG+
BRAKE (*4)
Brake (*5)
VSC OFF
Slip
ABS
5V IC
LED DRIVER
CPU
5V +B
I/F
CAN I/F
Buzzer
CANH
CANL
ET
27
28
30
G
W
BR
G
W
E2
* 4 : USA
* 5 : Except USA

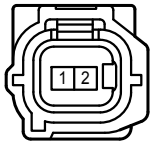
A 1
Black



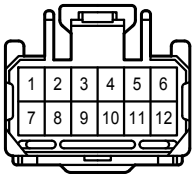
A 27
Black



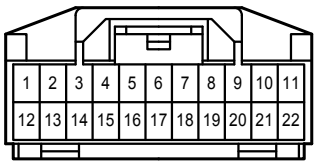
A 28
Black



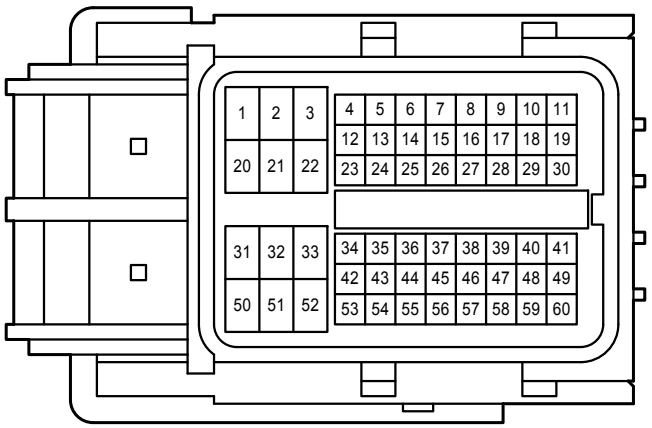
A 45
White



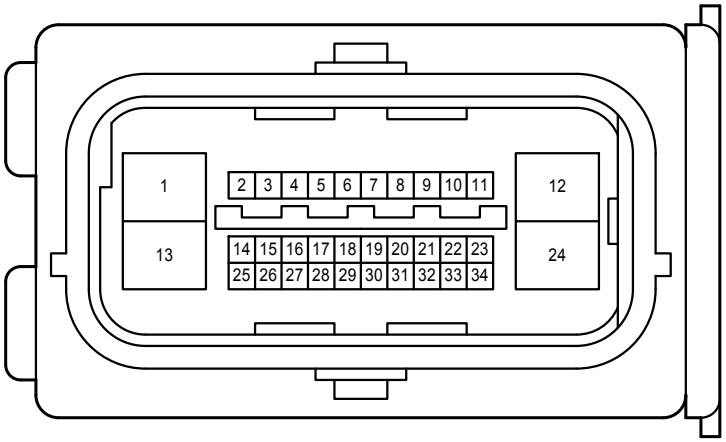
A 47
White



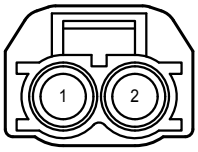
A 50
Black



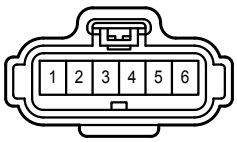
A 66
Black



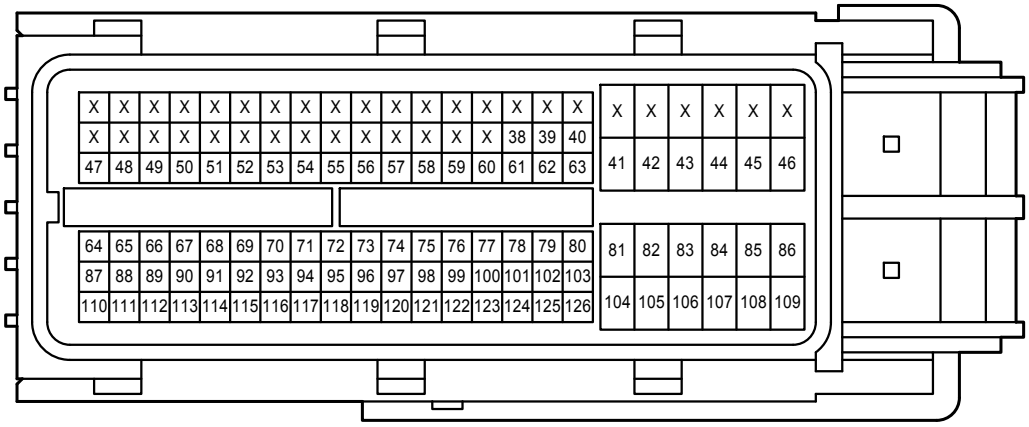
B 13
Black



B 25
Black

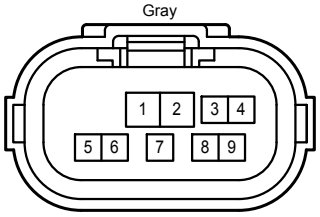


B 31
Black

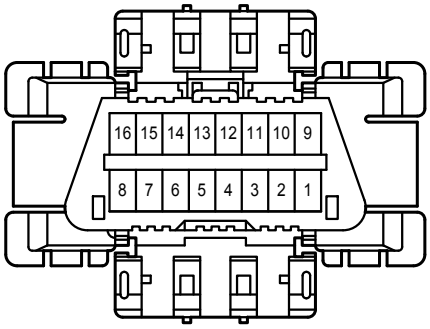


B 65
Gray

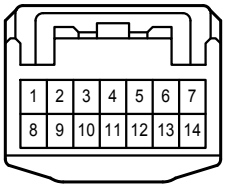
B 88
Gray



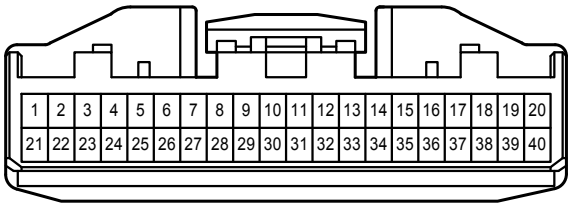
E 11
White



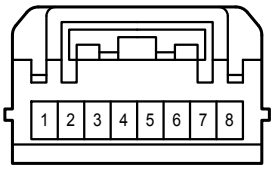
E 27
White



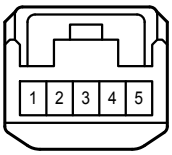
E 46
White



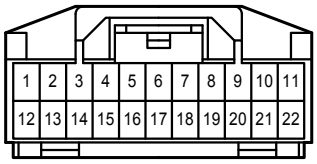
E 47
White



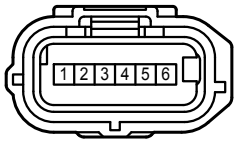
E 49
Black



E 71
White



E 97
Black



E107
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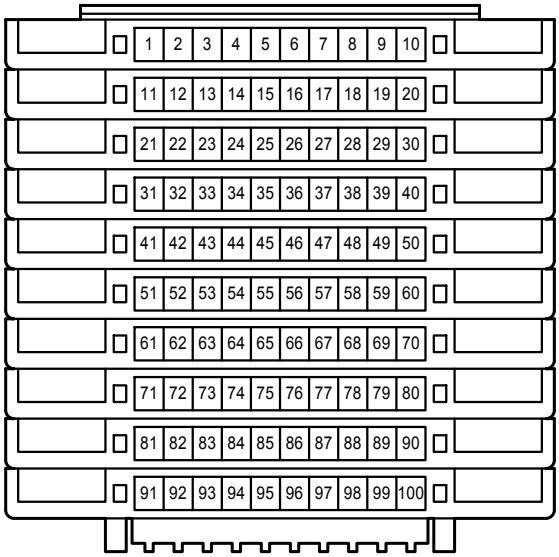
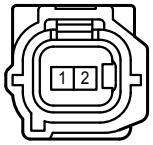
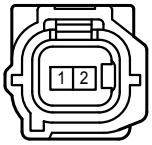


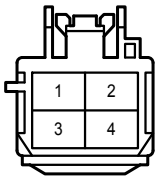
V 1
Black



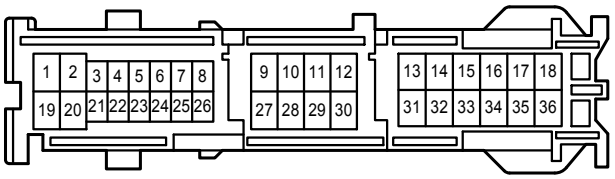
W 1
Black



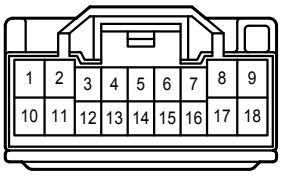
1D
White



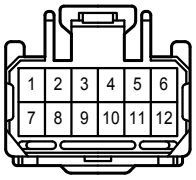
2B
White



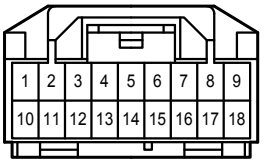
2H
White



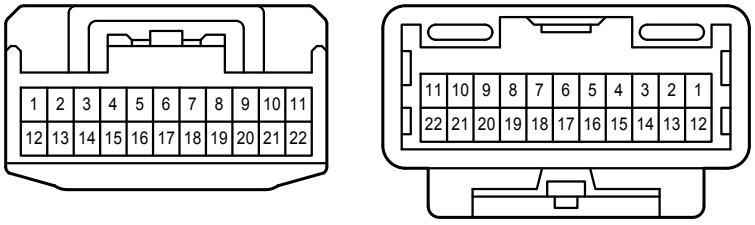
2M
White



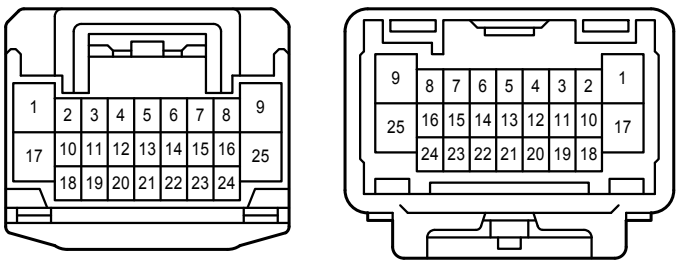
2S
White



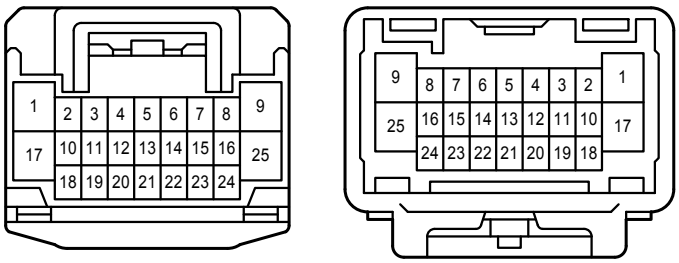
AE6
Gray



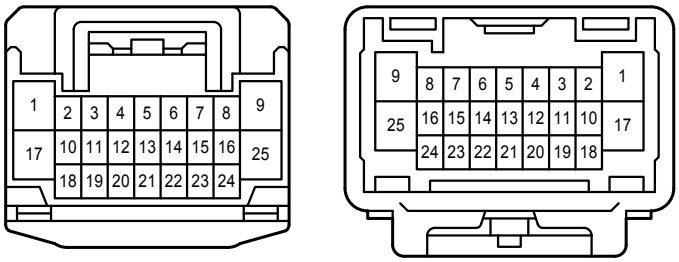
AE10
Gray



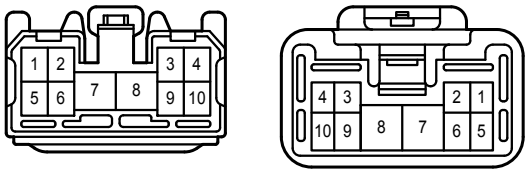
AL1
White



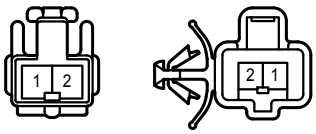
AM1
White



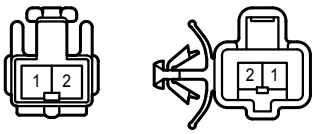
BA2
White

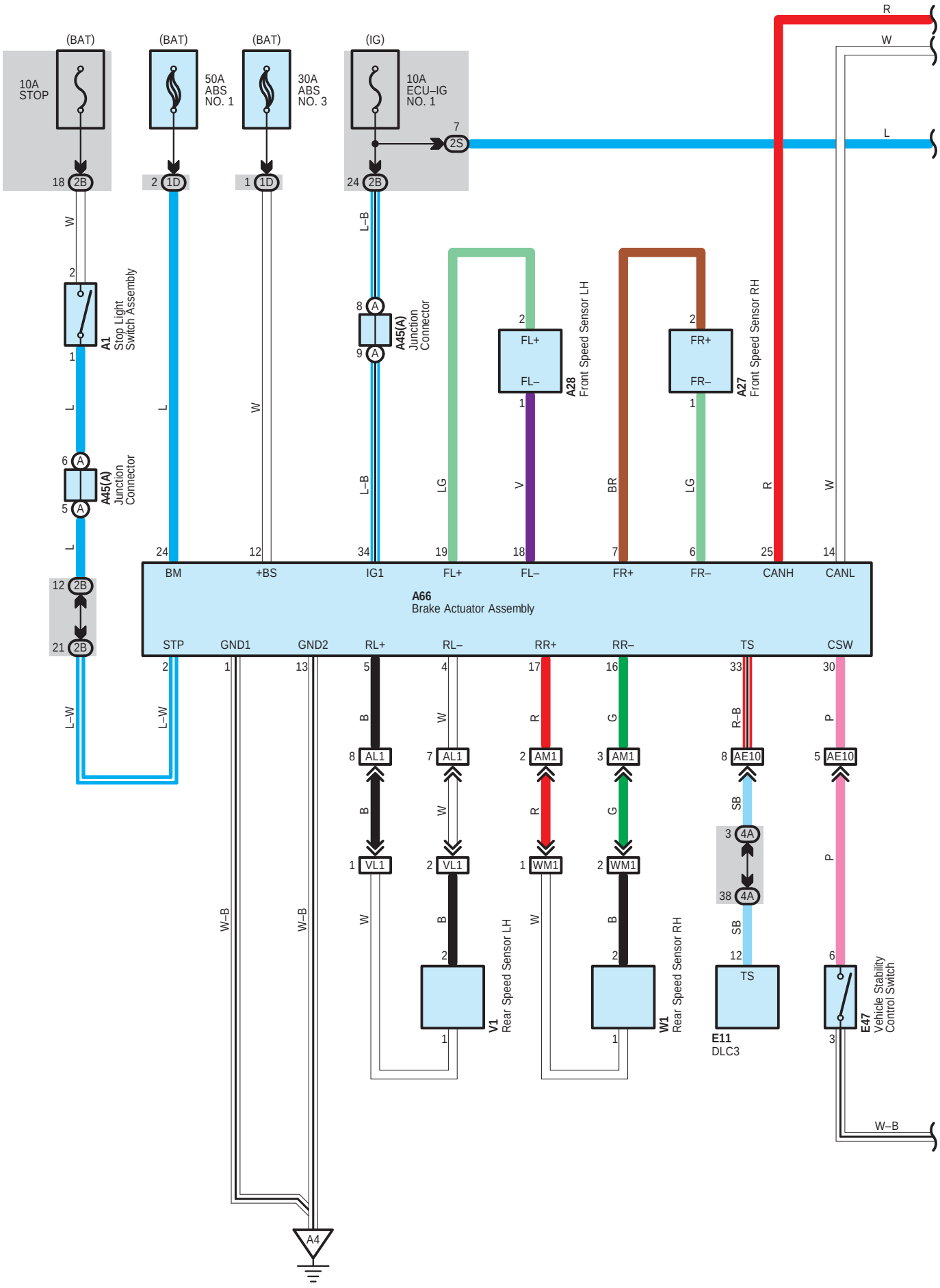


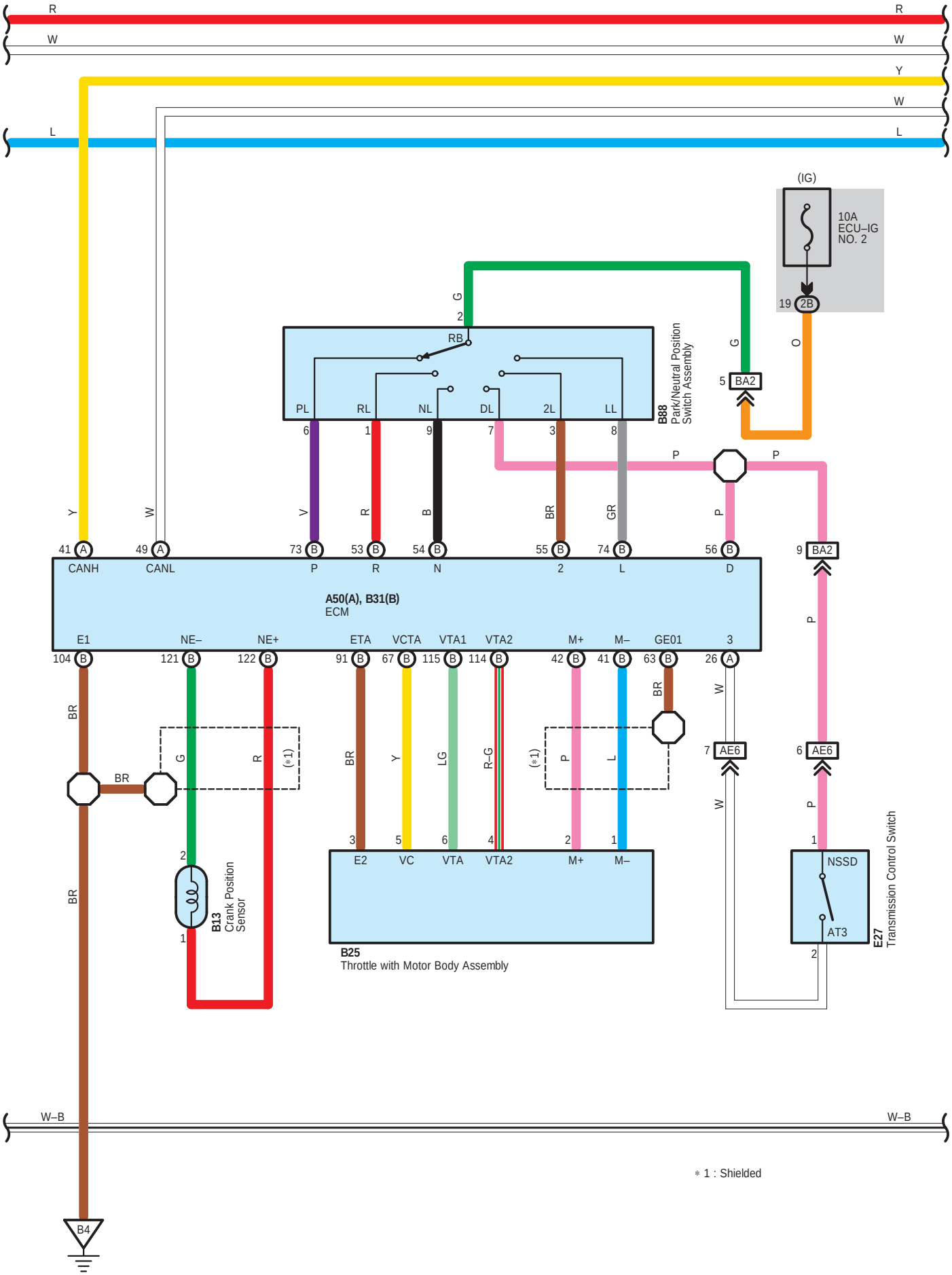
VL2
Black White

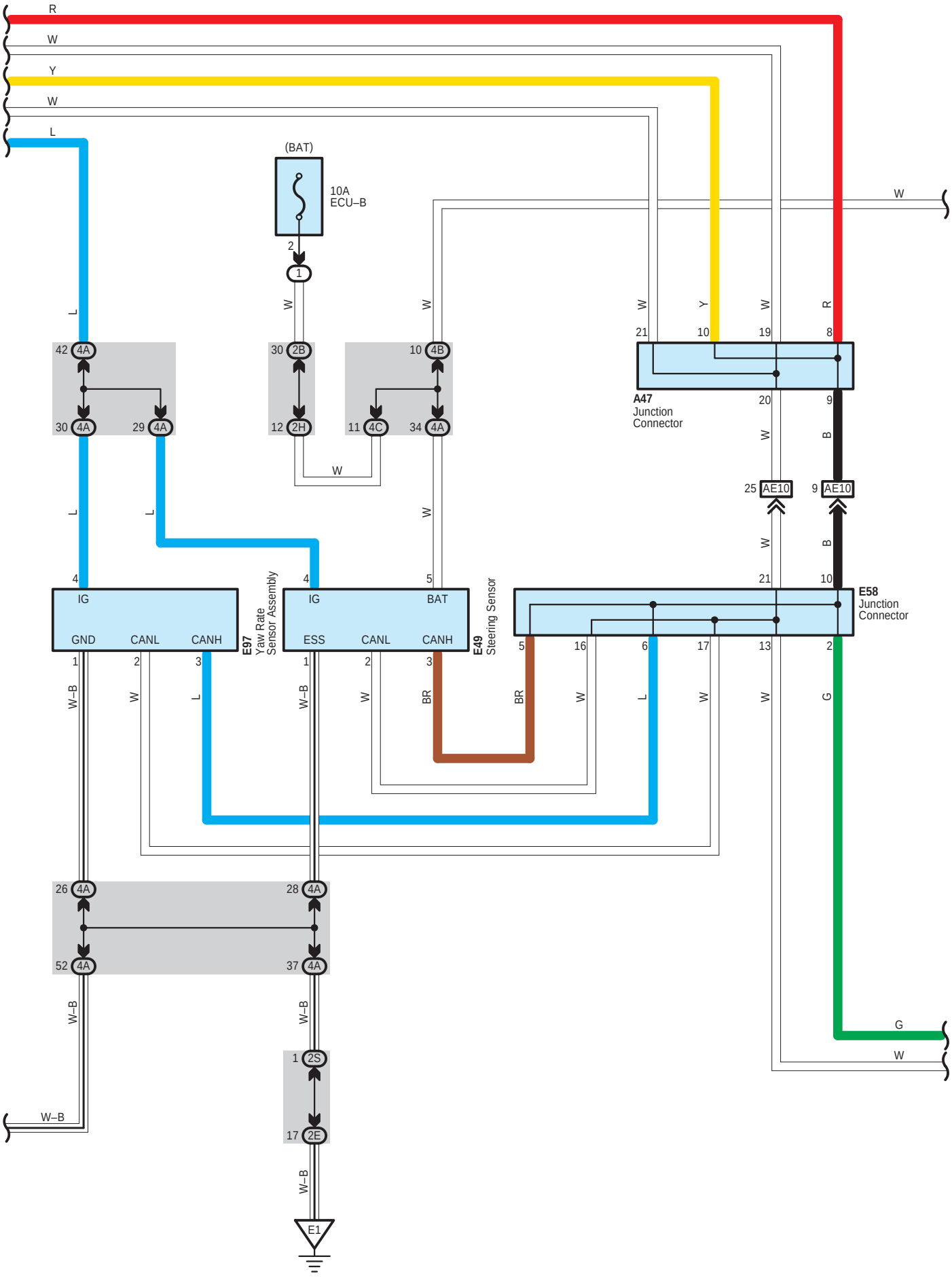


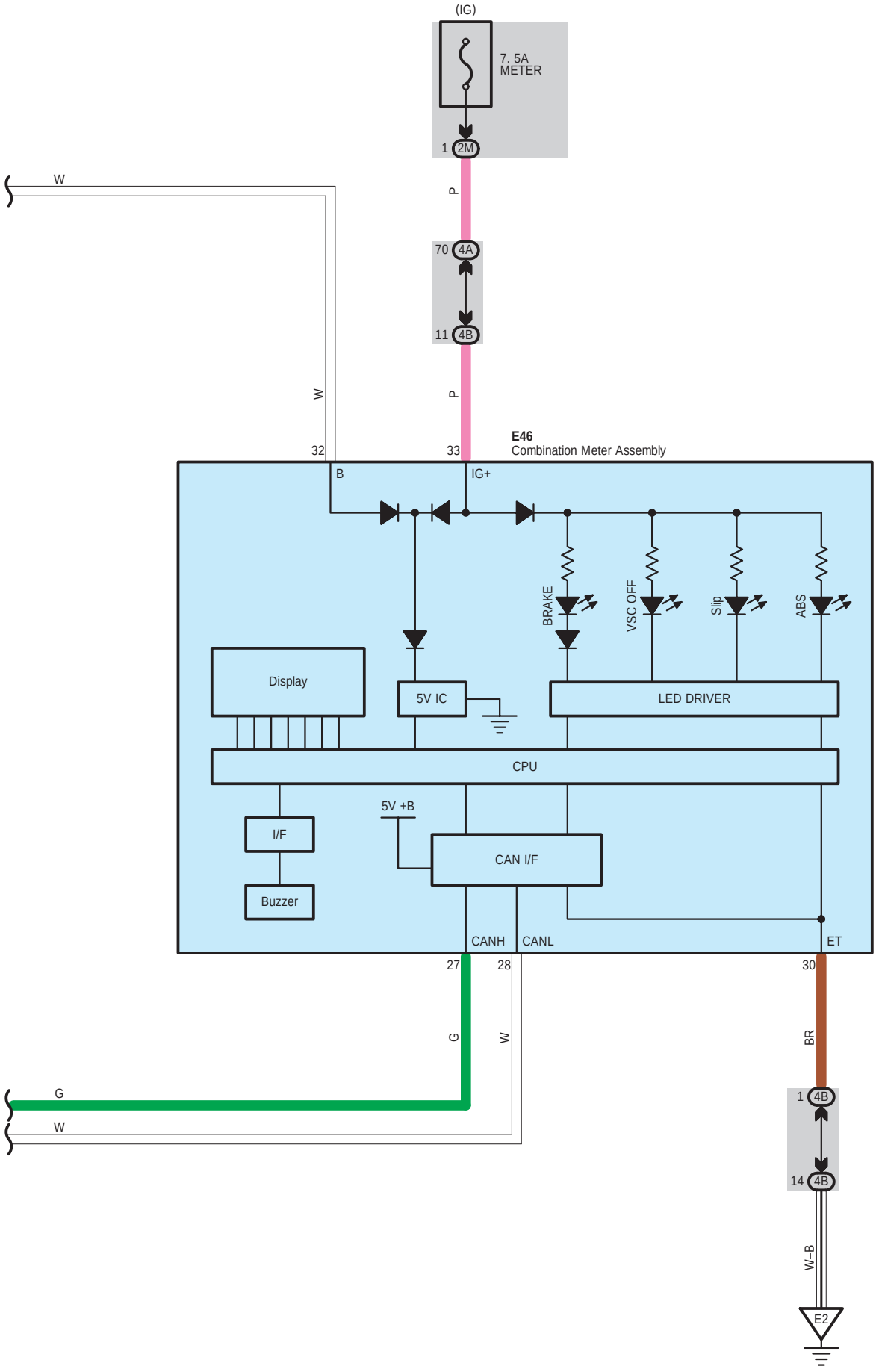
WM2
Black White



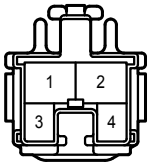

(BAT)
10A
STOP
18 2B
(BAT)
50A
ABS
NO. 1
2 1D
(BAT)
30A
ABS
NO. 3
1 1D
(IG)
10A
ECU–IG
NO. 1
24 2B
7 2S
R
W
L
W
2
1
A1
Stop Light
Switch Assembly
L
6 A
5 A
A45(A)
Junction
Connector
L
12 2B
21 2B
L–W
L–W
L
24
W
12
L–B
8 A
9 A
A45(A)
Junction
Connector
L–B
34
LG
19
2
FL+
FL–
1
A28
Front Speed Sensor LH
V
18
BR
7
2
FR+
FR–
1
A27
Front Speed Sensor RH
LG
6
R
25
W
14
BM
+BS
IG1
FL+
FL–
FR+
FR–
CANH
CANL
A66
Brake Actuator Assembly
STP
2
GND1
1
GND2
13
RL+
5
RL–
4
RR+
17
RR–
16
TS
33
CSW
30
B
8 AL1
B
1 VL1
W
W
7 AL1
W
2 VL1
B
2
1
V1
Rear Speed Sensor LH
R
2 AM1
R
1 WM1
W
G
3 AM1
G
2 WM1
B
2
1
W1
Rear Speed Sensor RH
R–B
8 AE10
SB
3 4A
38 4A
SB
12
TS
E11
DLC3
P
5 AE10
P
6
3
E47
Vehicle Stability
Control Switch
W–B
W–B
W–B
A4


R
W
Y
L
(IG)
10A
ECU–IG
NO. 2
19 2B
G
2
RB
PL
RL
NL
DL
2L
LL
B88
Park/Neutral Position
Switch Assembly
5 BA2
O
6
1
9
7
3
8
P
V
R
B
BR
GR
41 A
CANH
49 A
CANL
73 B
P
53 B
R
54 B
N
55 B
2
74 B
L
56 B
D
9 BA2
A50(A), B31(B)
ECM
E1
NE–
NE+
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
3
104 B
121 B
122 B
91 B
67 B
115 B
114 B
42 B
41 B
63 B
26 A
W
7 AE6
6 AE6
G
(*1)
2
B13
Crank Position
Sensor
1
E2
VC
VTA
VTA2
M+
M–
B25
Throttle with Motor Body Assembly
NSSD
AT3
E27
Transmission Control Switch
W–B
B4
* 1 : Shielded

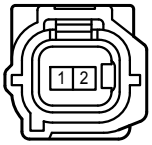

R
W
Y
W
L
(BAT)
10A
ECU–B
2
1
W
W
W
Y
W
R
21
10
19
8
A47
Junction
Connector
20
9
W
B
25
AE10
9
AE10
W
B
21
10
E58
Junction
Connector
5
16
6
17
13
2
L
42
4A
30
4A
29
4A
30
2B
12
2H
10
4B
11
4C
34
4A
W
L
L
W
4
IG
GND
CANL
CANH
1
2
3
E97
Yaw Rate
Sensor Assembly
4
IG
ESS
CANL
CANH
1
2
3
5
BAT
E49
Steering Sensor
W–B
W
L
W–B
W
BR
BR
W
L
W
W
G
26
4A
52
4A
28
4A
37
4A
W–B
W–B
1
2S
17
2E
W–B
E1
G
W
W–B


(IG)
7. 5A
METER
1 2M
W
P
70 4A
11 4B
W
P
32
33
E46
Combination Meter Assembly
B
IG+
BRAKE
VSC OFF
Slip
ABS
Display
5V IC
LED DRIVER
CPU
5V +B
I/F
CAN I/F
Buzzer
CANH
CANL
ET
27
28
30
G
W
BR
G
W
1 4B
14 4B
W–B
E2

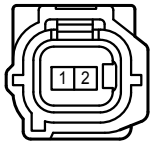
A 1
Black



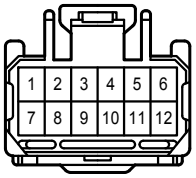
A 27
Black



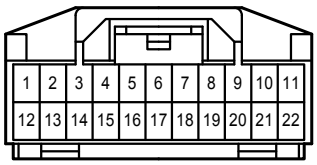
A 28
Black



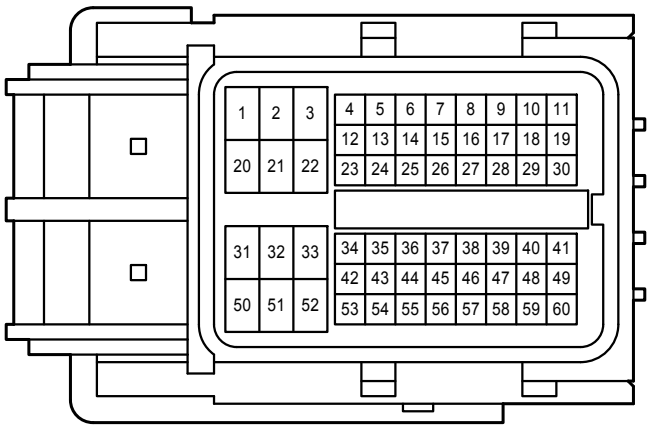
A 45
White



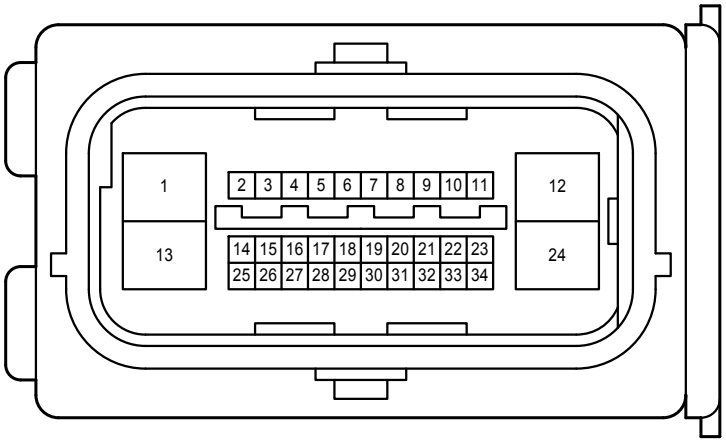
A 47
White



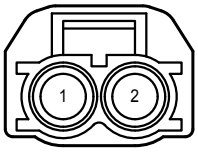
A 50
Black



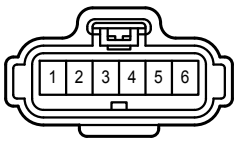
A 66
Black



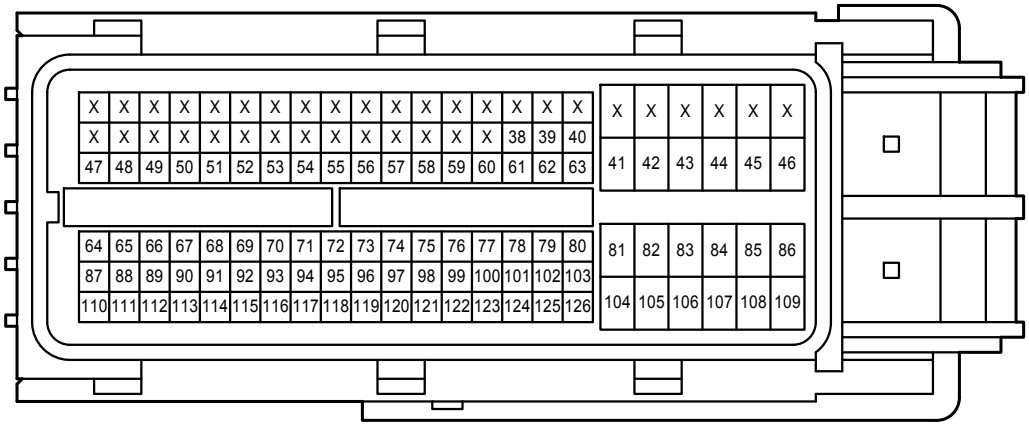
B 13
Black



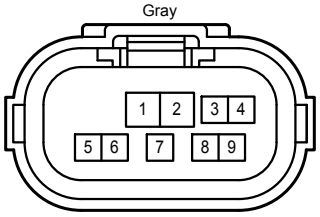
B 25
Black



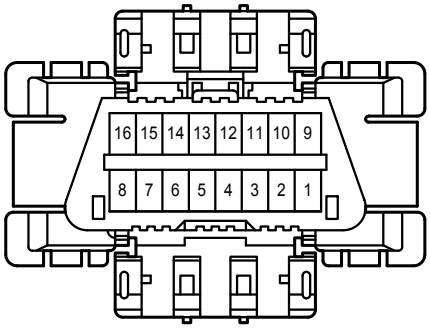
B 31
Black



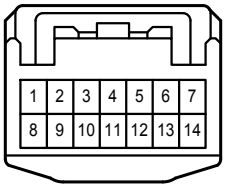
B 88
Gray



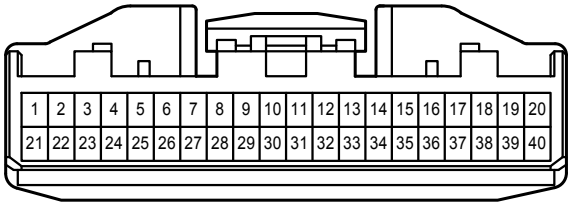
E 11
White



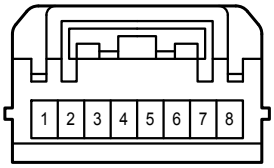
E 27
White



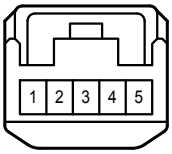
E 46
White



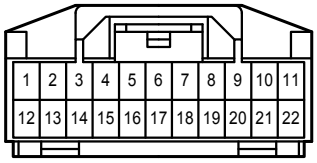
E 47
White



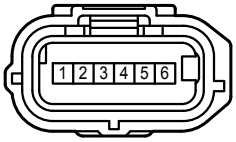
E 49
Black



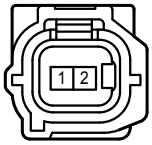
E 58
Gray



E 97
Black

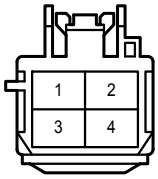


V 1
Black

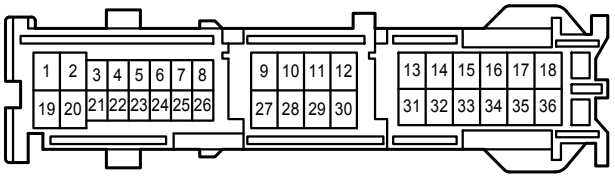


W 1
Black

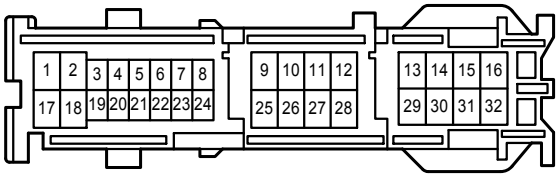
1D
White



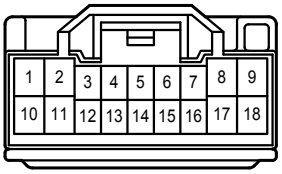
2B
White



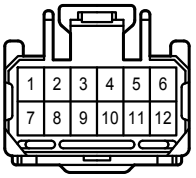
2E
White



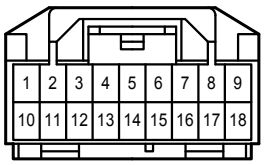
2H
White



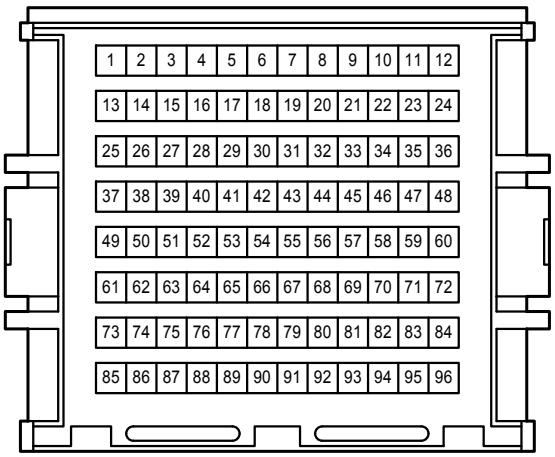
2M
White



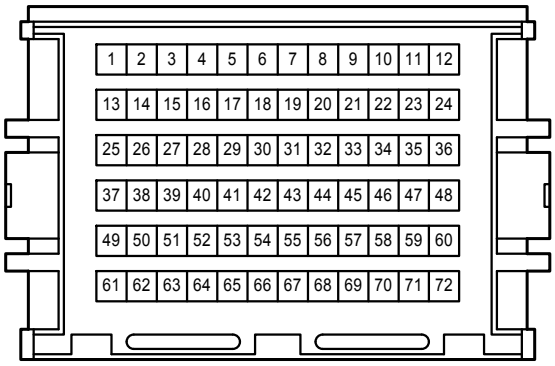
2S
White



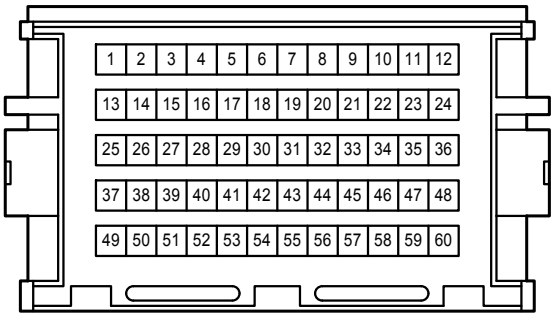
4A
White



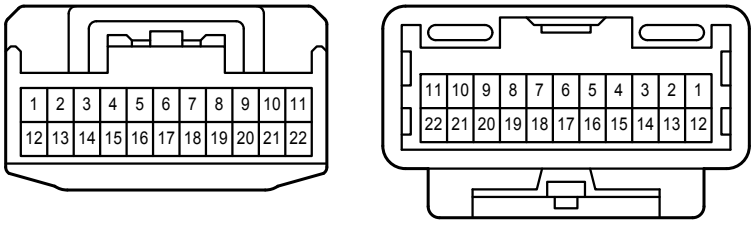
4B
White



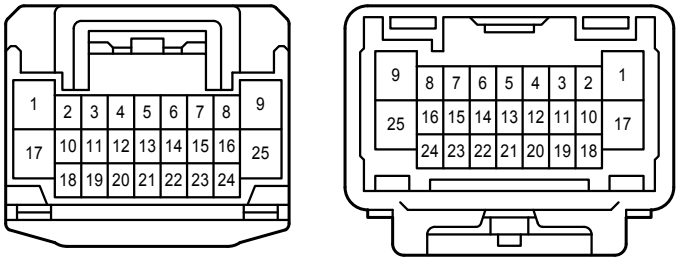
4C
White



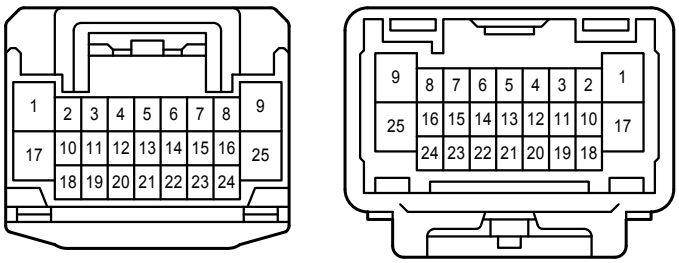
AE6
Gray



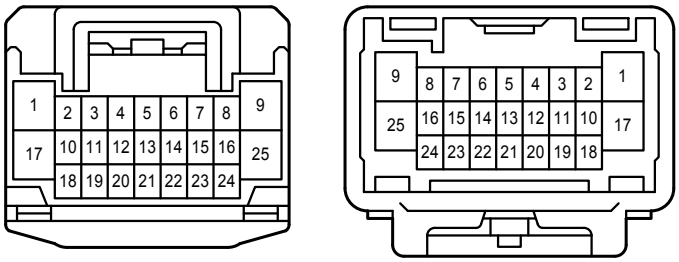
AE10
Gray



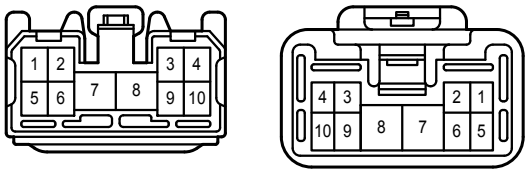
AL1
White



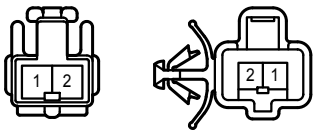
AM1
White



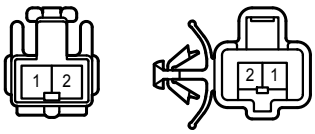
BA2
White

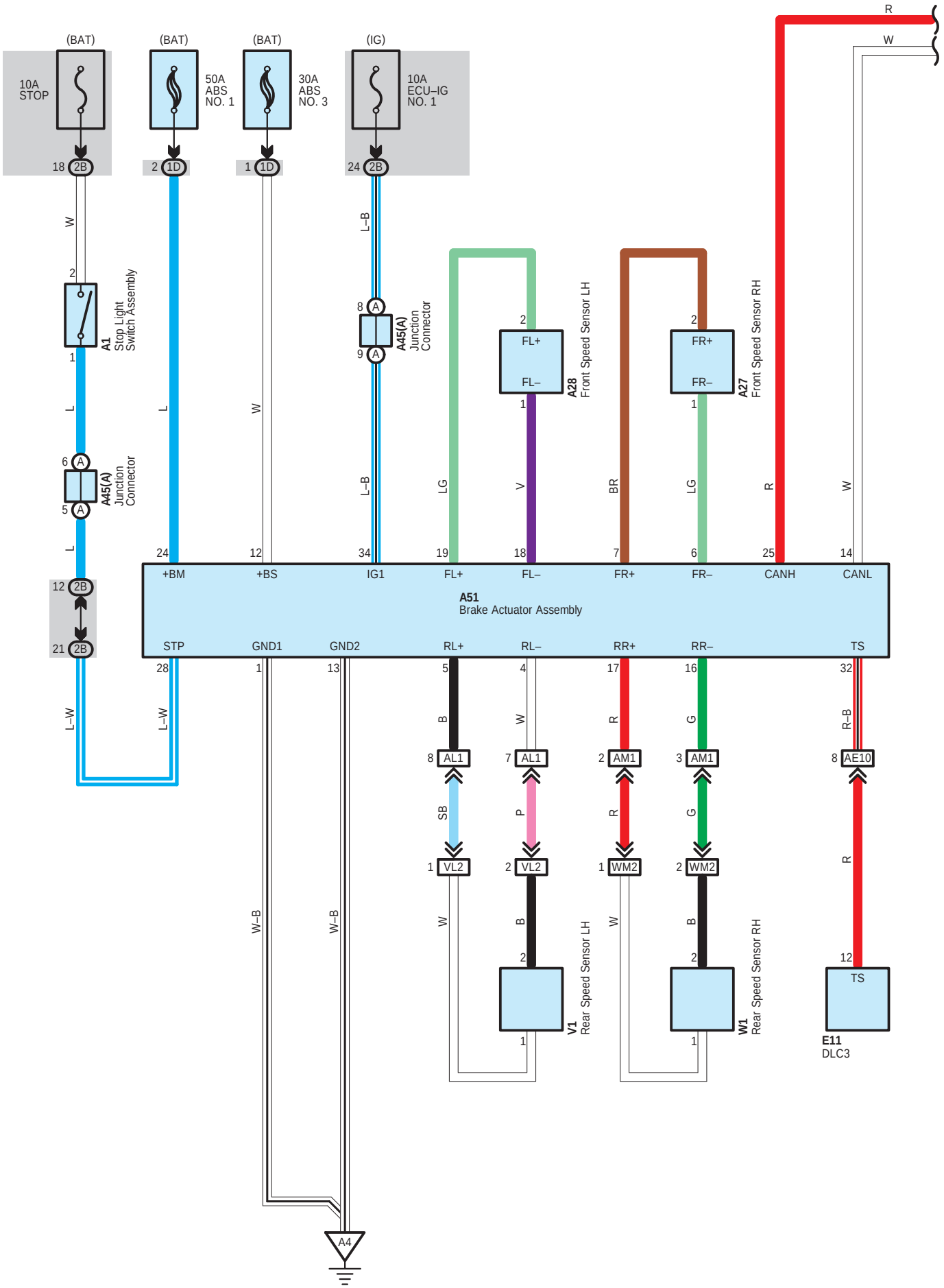


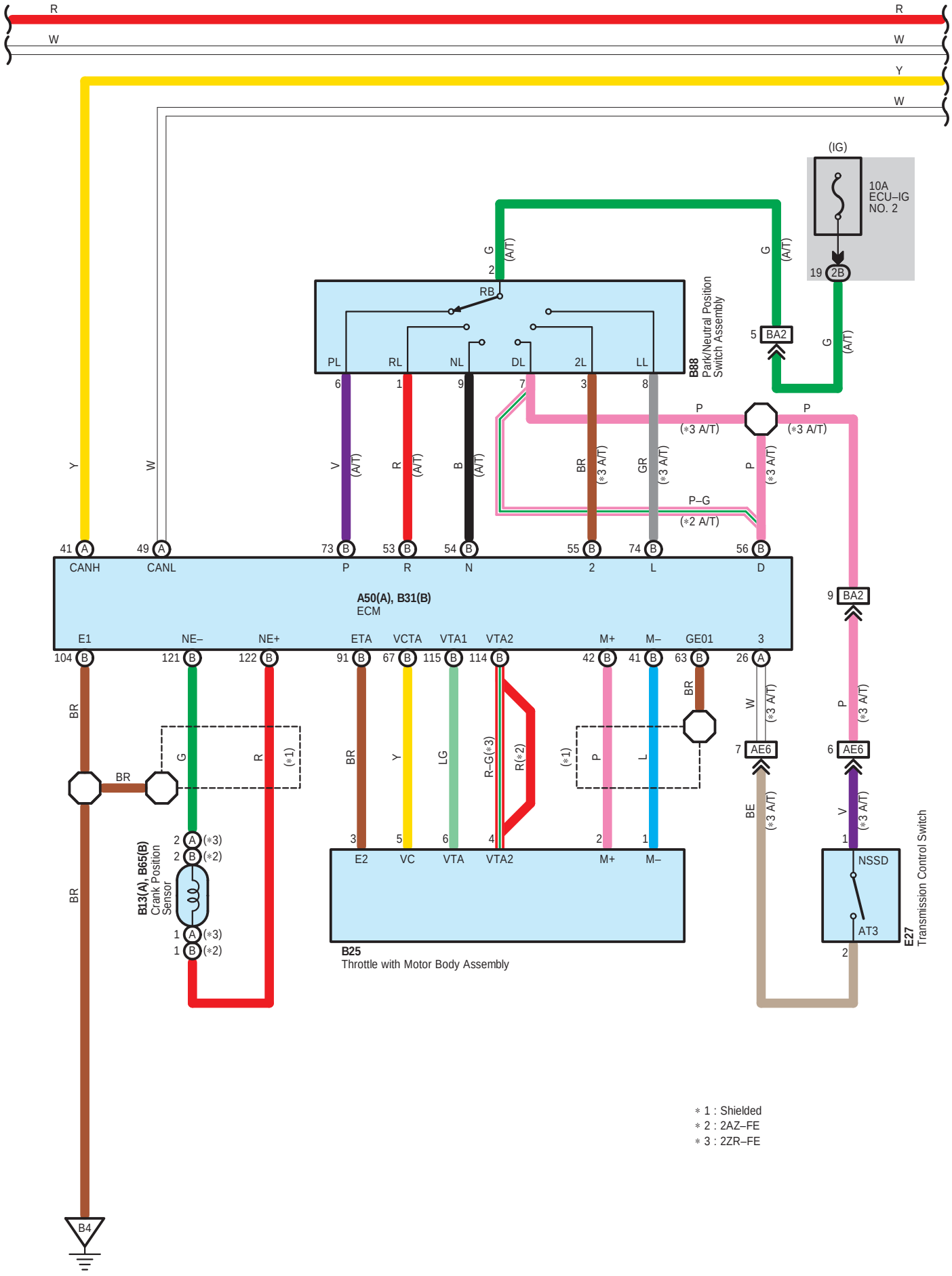
VL1
Black

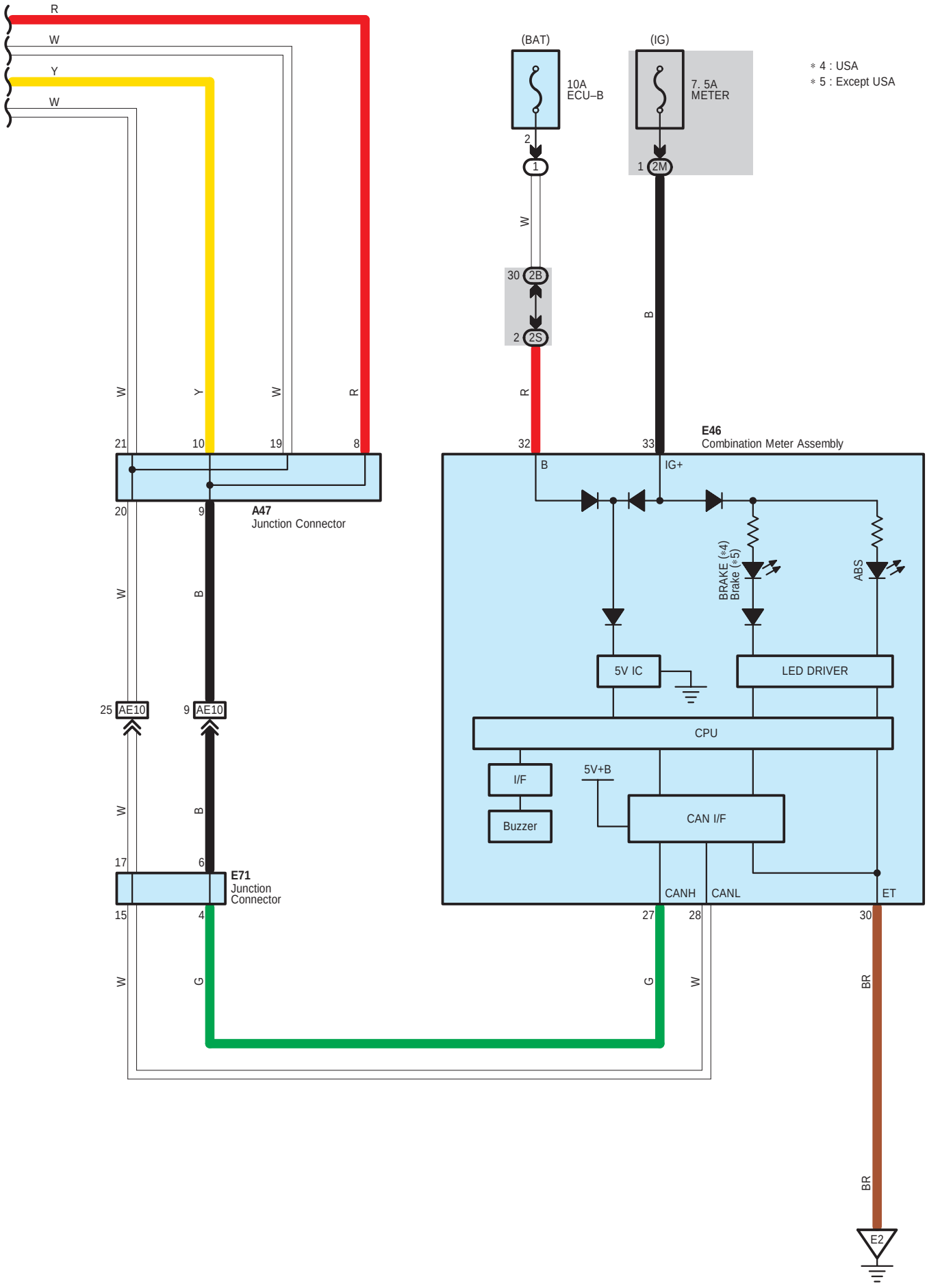


WM1
Black

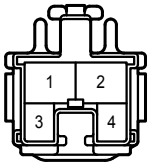



(BAT)
(BAT)
(BAT)
(IG)
10A
STOP
50A
ABS
NO. 1
30A
ABS
NO. 3
10A
ECU–IG
NO. 1
18 2B
2 1D
1 1D
24 2B
W
2
1
A1
Stop Light
Switch Assembly
L
6 A
5 A
A45(A)
Junction
Connector
L
12 2B
21 2B
L–W
L
L–W
L–B
8 A
9 A
A45(A)
Junction
Connector
L–B
LG
V
2
FL+
FL–
1
A28
Front Speed Sensor LH
BR
LG
2
FR+
FR–
1
A27
Front Speed Sensor RH
R
W
R
W
24
12
34
19
18
7
6
25
14
+BM
+BS
IG1
FL+
FL–
FR+
FR–
CANH
CANL
A51
Brake Actuator Assembly
STP
GND1
GND2
RL+
RL–
RR+
RR–
TS
28
1
13
5
4
17
16
32
W–B
W–B
B
W
R
G
R–B
8 AL1
7 AL1
2 AM1
3 AM1
8 AE10
SB
P
R
G
R
1 VL2
2 VL2
1 WM2
2 WM2
W
B
W
B
2
1
2
1
12
TS
V1
Rear Speed Sensor LH
W1
Rear Speed Sensor RH
E11
DLC3
A4

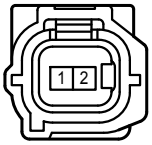

R
W
R
W
Y
W
(IG)
10A
ECU–IG
NO. 2
19 2B
G (A/T)
2
RB
PL RL NL DL 2L LL
B88
Park/Neutral Position
Switch Assembly
5 BA2
6 1 9 7 3 8
V (A/T)
R (A/T)
B (A/T)
BR (*3 A/T)
GR (*3 A/T)
P (*3 A/T)
P–G (*2 A/T)
Y
W
41 A CANH
49 A CANL
73 B P
53 B R
54 B N
55 B 2
74 B L
56 B D
A50(A), B31(B)
ECM
E1 NE– NE+ ETA VCTA VTA1 VTA2 M+ M– GE01 3
104 B 121 B 122 B 91 B 67 B 115 B 114 B 42 B 41 B 63 B 26 A
BR
G
R (*1)
BR
BR
B13(A), B65(B)
Crank Position
Sensor
2 A (*3)
2 B (*2)
1 A (*3)
1 B (*2)
BR
Y
LG
R–G(*3)
R(*2)
P
L
(*1)
W (*3 A/T)
BE (*3 A/T)
P (*3 A/T)
V (*3 A/T)
9 BA2
7 AE6
6 AE6
3 E2 5 VC 6 VTA 4 VTA2 2 M+ 1 M–
B25
Throttle with Motor Body Assembly
NSSD
AT3
2
E27
Transmission Control Switch
B4
* 1 : Shielded
* 2 : 2AZ–FE
* 3 : 2ZR–FE


R
W
Y
W
(BAT)
(IG)
10A
ECU–B
7. 5A
METER
* 4 : USA
* 5 : Except USA
2
1
1
2M
W
30
2B
2
2S
B
R
W
Y
W
R
21
10
19
8
32
33
E46
Combination Meter Assembly
B
IG+
A47
Junction Connector
20
9
BRAKE (*4)
Brake (*5)
ABS
5V IC
LED DRIVER
CPU
I/F
5V+B
Buzzer
CAN I/F
25
AE10
9
AE10
W
B
17
6
E71
Junction
Connector
CANH
CANL
ET
15
4
27
28
30
W
G
G
W
BR
BR
E2

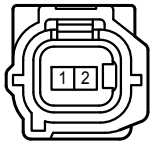
A 1
Black



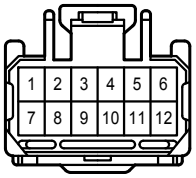
A 27
Black



A 28
Black



A 45
White



A 47
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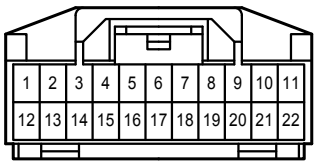

A 50
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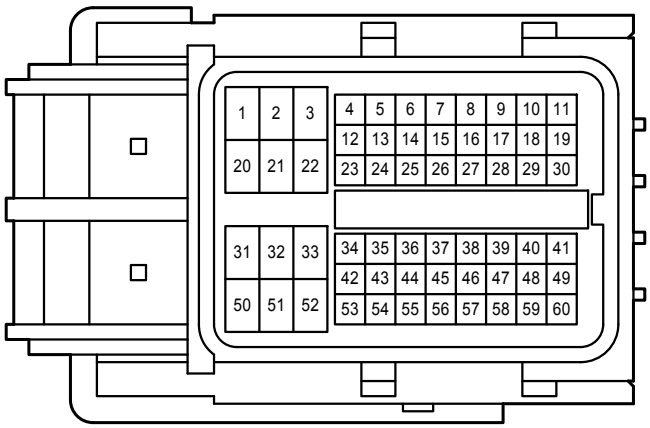
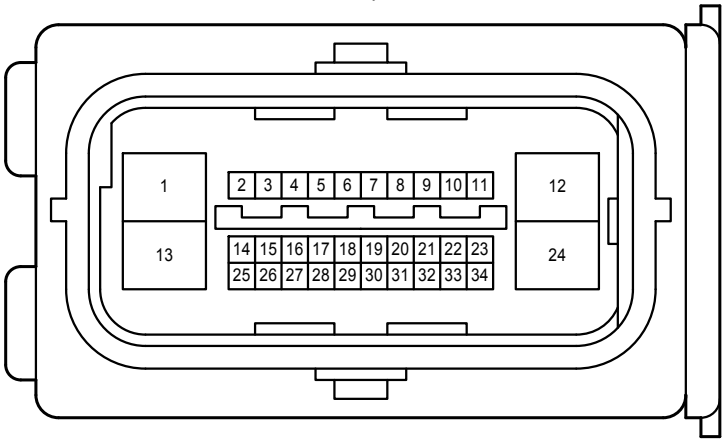


A 51
Gray



B 13
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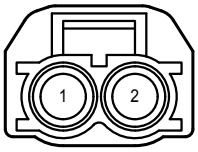

B 25
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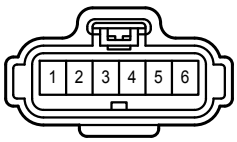

B 31
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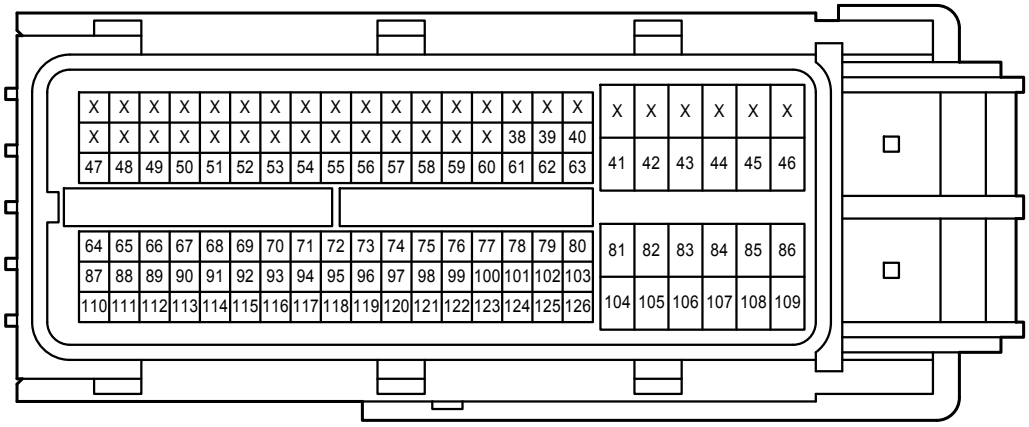
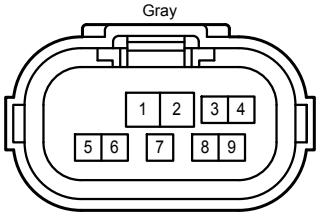


B 65
Gray

B 88
Gray



E 11
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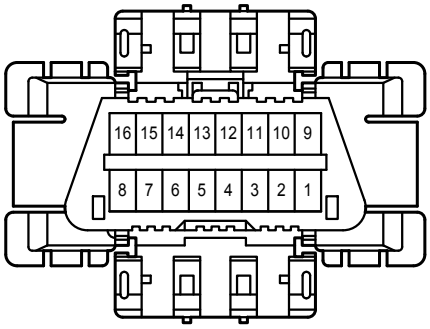

E 27
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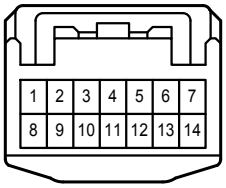

E 46
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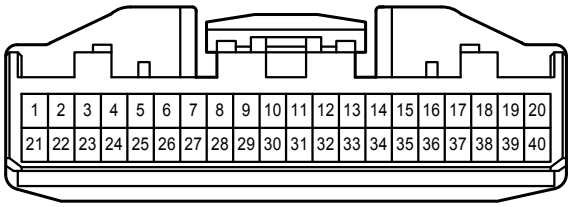
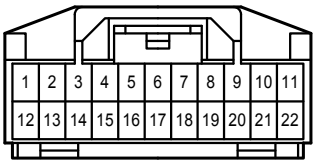
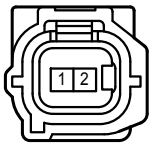


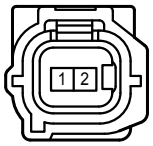
E 71
White



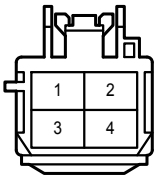
V 1
Black



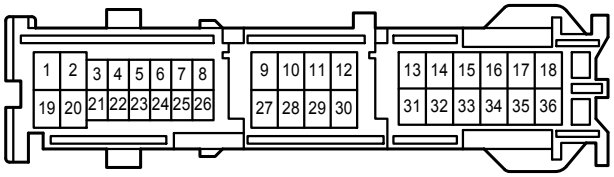
W 1
Black



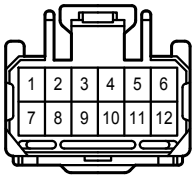
1D
White



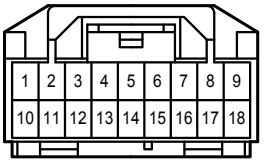
2B
White



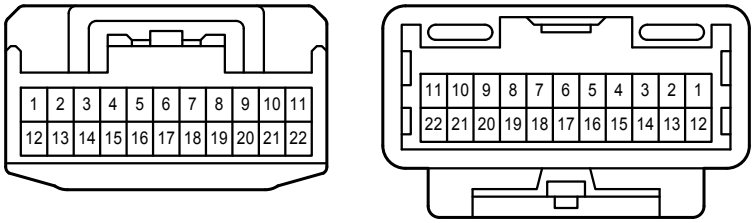
2M
White



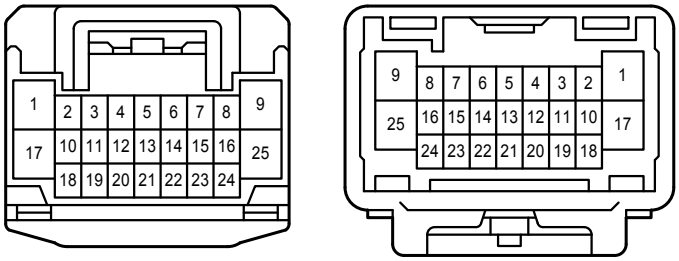
2S
White



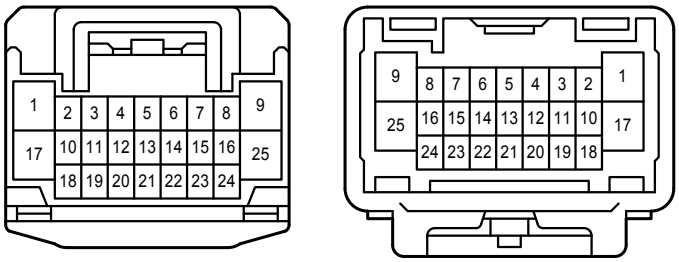
AE6
Gray



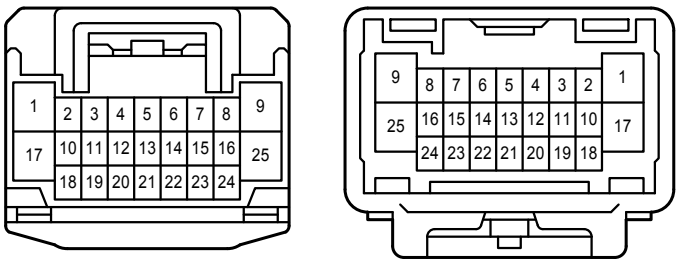
AE10
Gray



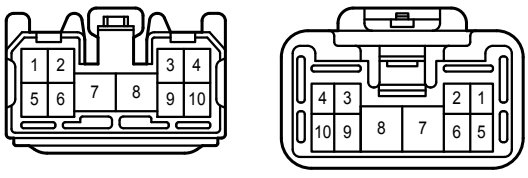
AL1
White



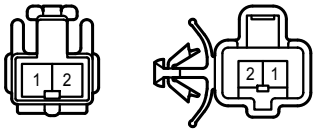
AM1
White



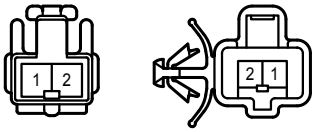
BA2
White

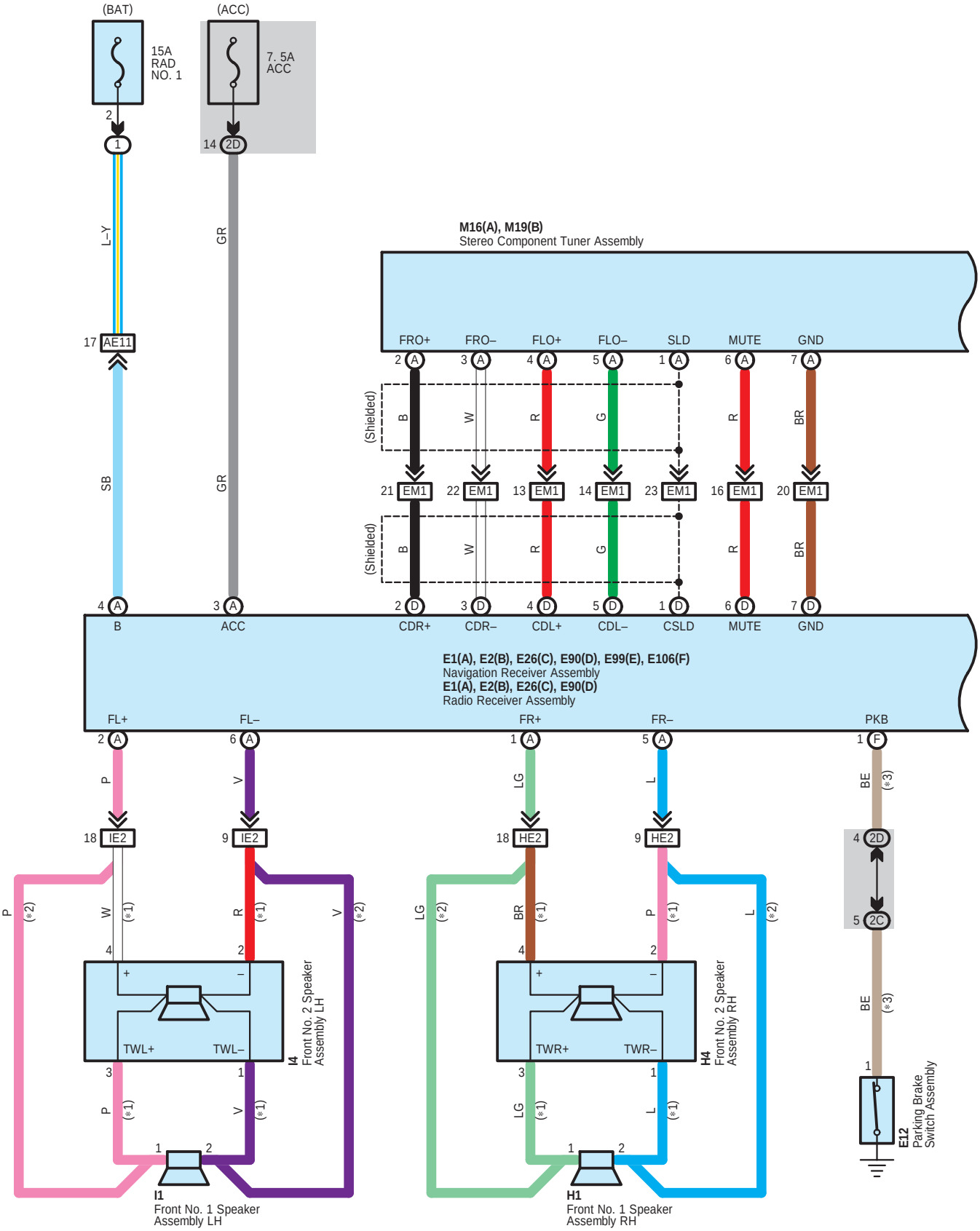


VL2
Black White

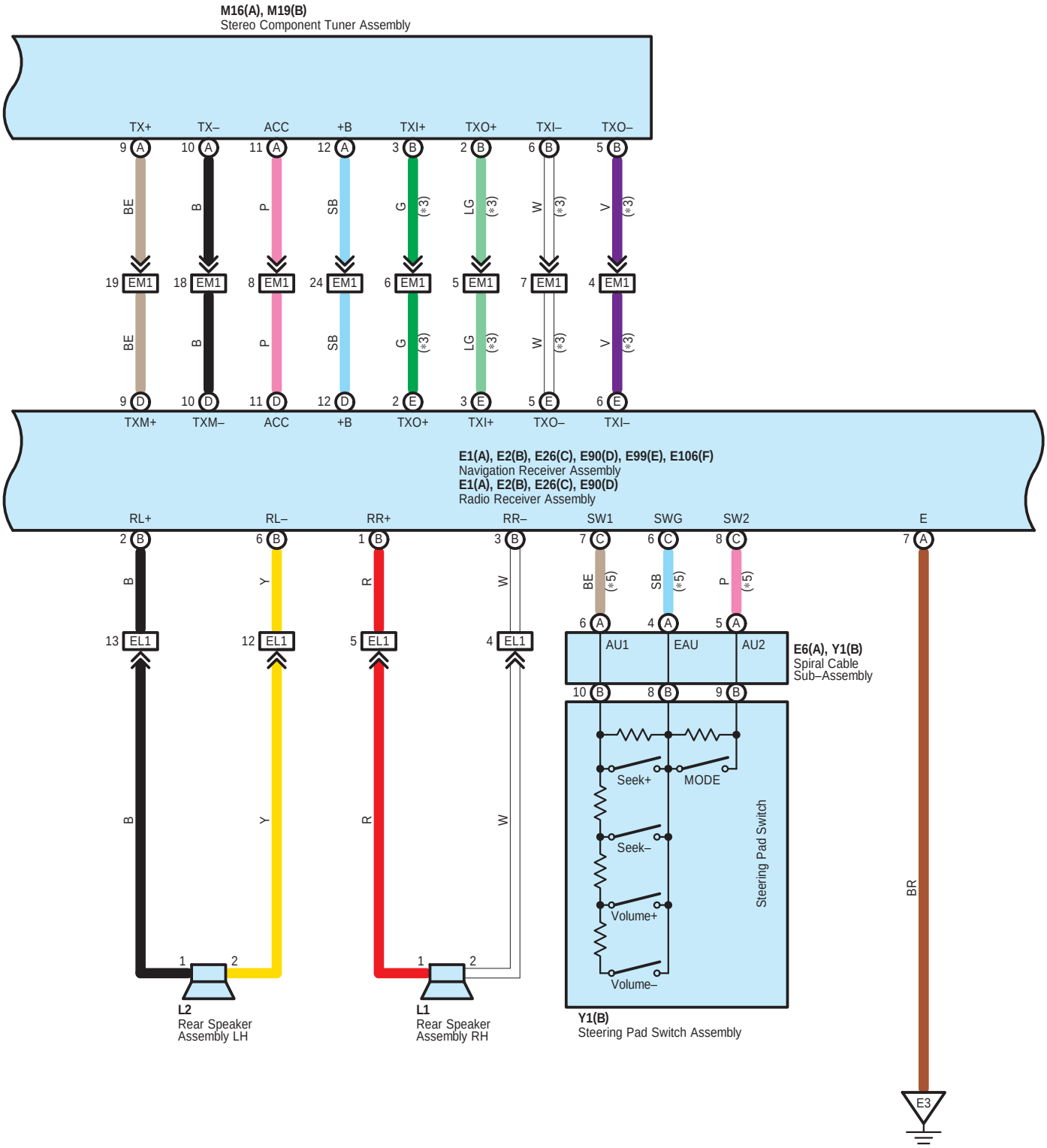


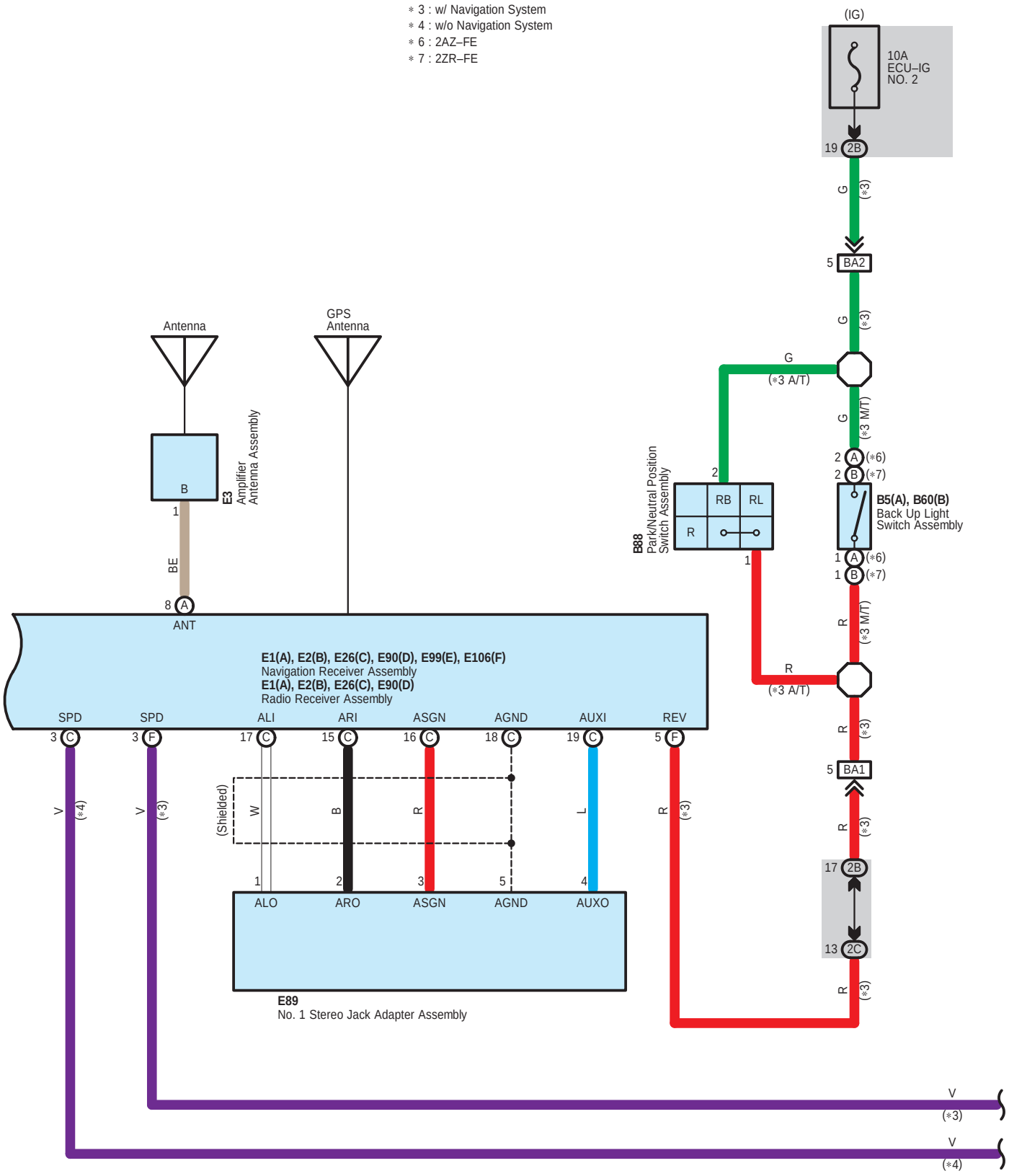
WM2
Black White

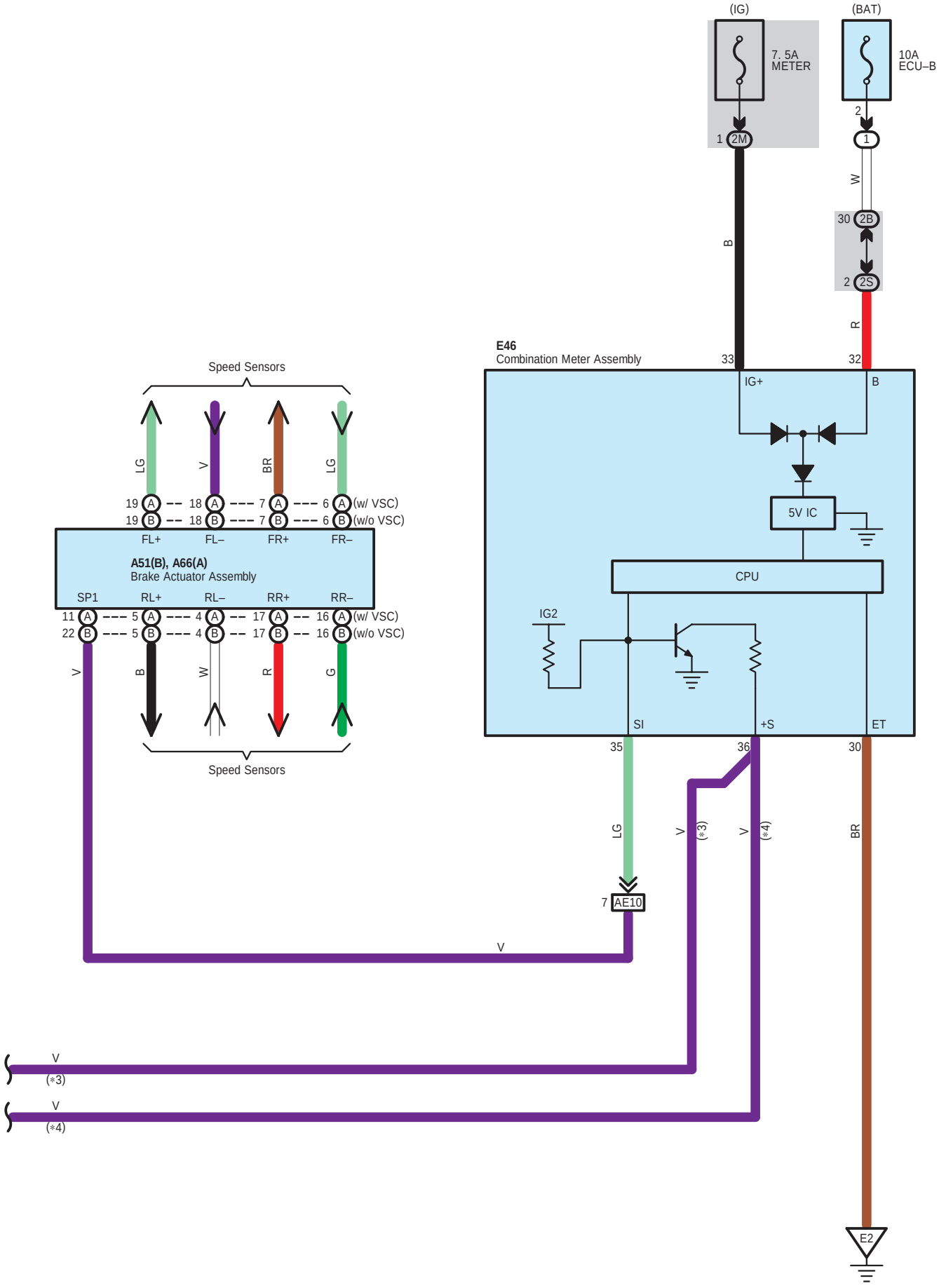



(BAT)
(ACC)
15A
RAD
NO. 1
7. 5A
ACC
2
1
14 2D
L–Y
GR
17 AE11
SB
GR
4 A
3 A
B
ACC
M16(A), M19(B)
Stereo Component Tuner Assembly
FRO+
FRO–
FLO+
FLO–
SLD
MUTE
GND
2 A
3 A
4 A
5 A
1 A
6 A
7 A
(Shielded)
B
W
R
G
R
BR
21 EM1
22 EM1
13 EM1
14 EM1
23 EM1
16 EM1
20 EM1
2 D
3 D
4 D
5 D
1 D
6 D
7 D
CDR+
CDR–
CDL+
CDL–
CSLD
MUTE
GND
E1(A), E2(B), E26(C), E90(D), E99(E), E106(F)
Navigation Receiver Assembly
E1(A), E2(B), E26(C), E90(D)
Radio Receiver Assembly
FL+
FL–
FR+
FR–
PKB
2 A
6 A
1 A
5 A
1 F
P
V
LG
L
BE
(*3)
18 IE2
9 IE2
18 HE2
9 HE2
4 2D
5 2C
P
(*2)
W
(*1)
R
(*1)
V
(*2)
LG
(*2)
BR
(*1)
P
(*1)
L
(*2)
4
2
+
–
TWL+
TWL–
I4
Front No. 2 Speaker
Assembly LH
TWR+
TWR–
H4
Front No. 2 Speaker
Assembly RH
3
1
P
(*1)
V
(*1)
LG
(*1)
L
(*1)
1
2
I1
Front No. 1 Speaker
Assembly LH
H1
Front No. 1 Speaker
Assembly RH
E12
Parking Brake
Switch Assembly

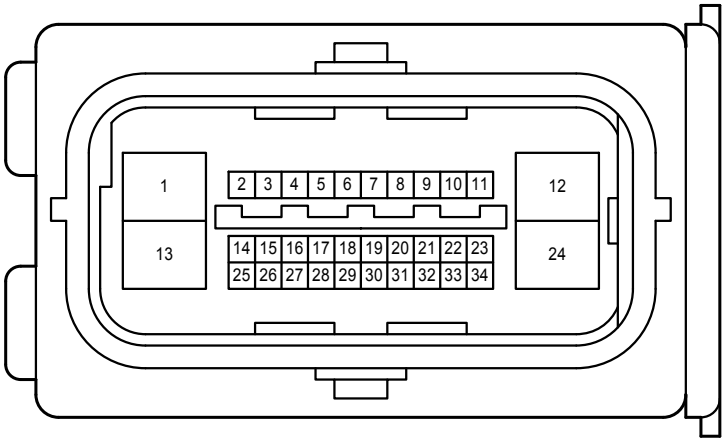
* 1 : 6 Speaker
* 2 : 4 Speaker
* 3 : w/ Navigation System
* 5 : w/ Steering Pad Switch



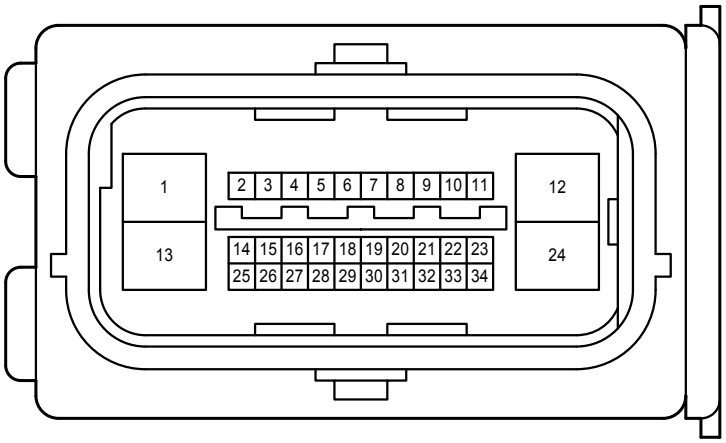

∗ 3 : w/ Navigation System
∗ 4 : w/o Navigation System
∗ 6 : 2AZ–FE
∗ 7 : 2ZR–FE
(IG)
10A
ECU–IG
NO. 2
19 2B
G
(∗3)
5 BA2
G
(∗3)
G
(∗3 A/T)
G
(∗3 M/T)
2 A (∗6)
2 B (∗7)
B5(A), B60(B)
Back Up Light
Switch Assembly
1 A (∗6)
1 B (∗7)
R
(∗3 M/T)
R
(∗3 A/T)
R
(∗3)
5 BA1
R
(∗3)
17 2B
13 2C
R
(∗3)
B88
Park/Neutral Position
Switch Assembly
2
RB
RL
R
1
Antenna
GPS
Antenna
B
E3
Amplifier
Antenna Assembly
1
BE
8 A
ANT
E1(A), E2(B), E26(C), E90(D), E99(E), E106(F)
Navigation Receiver Assembly
E1(A), E2(B), E26(C), E90(D)
Radio Receiver Assembly
SPD
SPD
ALI
ARI
ASGN
AGND
AUXI
REV
3 C
3 F
17 C
15 C
16 C
18 C
19 C
5 F
V
(∗4)
V
(∗3)
(Shielded)
W
B
R
L
R
(∗3)
1
2
3
5
4
ALO
ARO
ASGN
AGND
AUXO
E89
No. 1 Stereo Jack Adapter Assembly
V
(∗3)
V
(∗4)


(IG)
(BAT)
7. 5A
METER
10A
ECU–B
1 2M
2
1
W
30 2B
2 2S
B
R
E46
Combination Meter Assembly
33
32
IG+
B
5V IC
CPU
IG2
SI
+S
ET
35
36
30
Speed Sensors
LG
V
BR
LG
19 A 18 A 7 A 6 A (w/ VSC)
19 B 18 B 7 B 6 B (w/o VSC)
FL+
FL–
FR+
FR–
A51(B), A66(A)
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11 A 5 A 4 A 17 A 16 A (w/ VSC)
22 B 5 B 4 B 17 B 16 B (w/o VSC)
V
B
W
R
G
Speed Sensors
LG
7 AE10
V
V
(*3)
V
(*4)
BR
V
(*3)
V
(*4)
E2

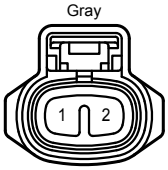
A 51
Gray



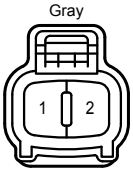
A 66
Black



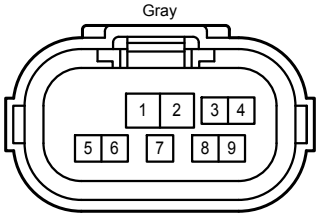
B 5
Gray



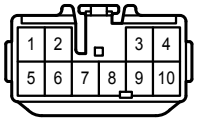
B 60
Gray



B 88
Gray



E 1
White



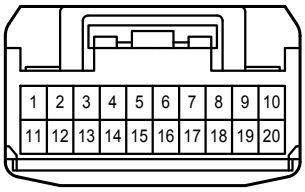
E 2
White

E 3
White

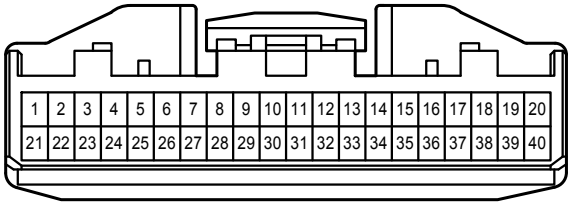
E 6
Black

E 12
White

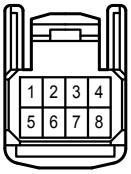
E 26
White



E 46
White

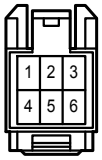


E 89
White

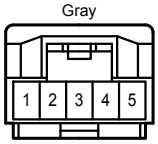


E 90
White

E 99
Blue

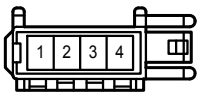


E106
Gray



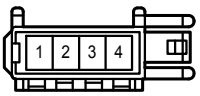
H 1
White

H 4
White

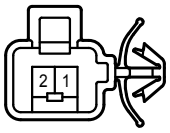


I 1
White

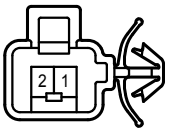
I 4
White



L 1
White

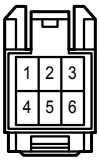


L 2
White

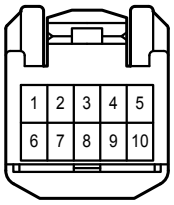


M 16
White

M 19
Blue



Y 1
White



2B
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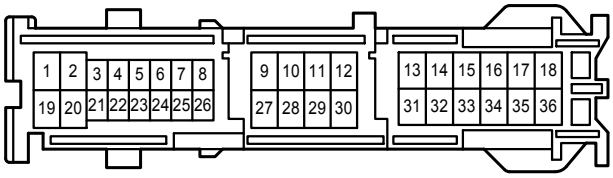
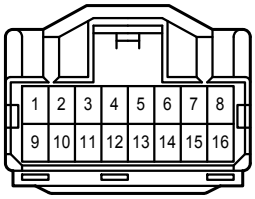
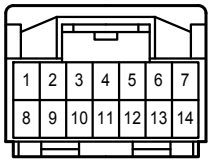


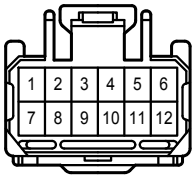
2C
White



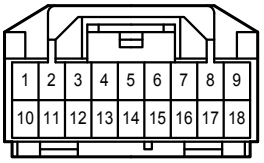
2D
White



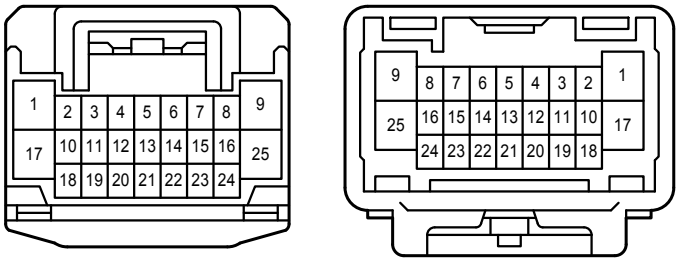
2M
White



2S
White



AE10
Gray



AE11
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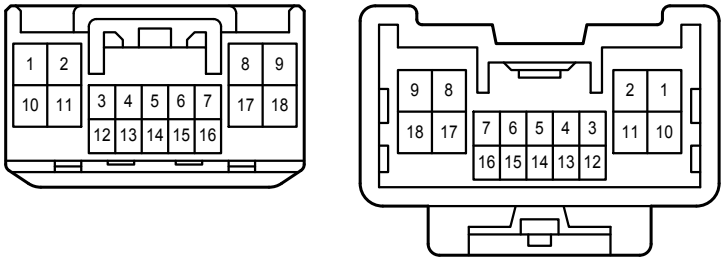
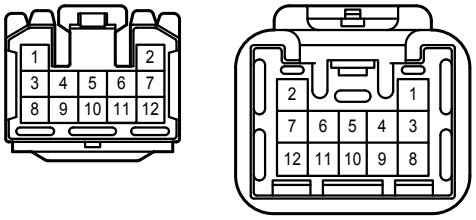


BA1
White



BA2
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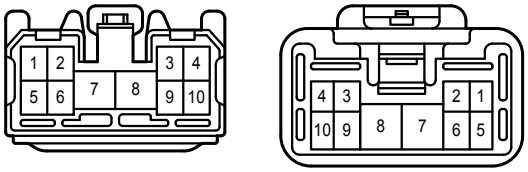

EL1
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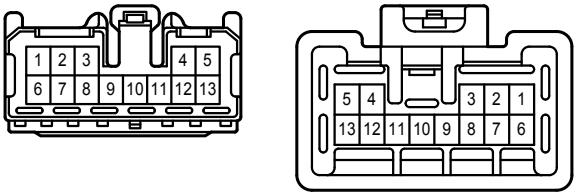
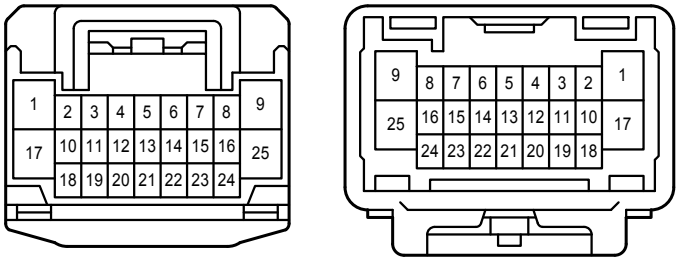
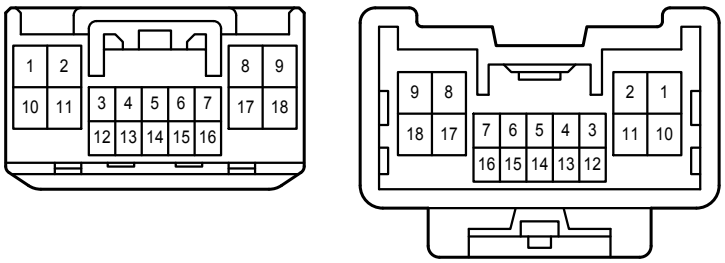


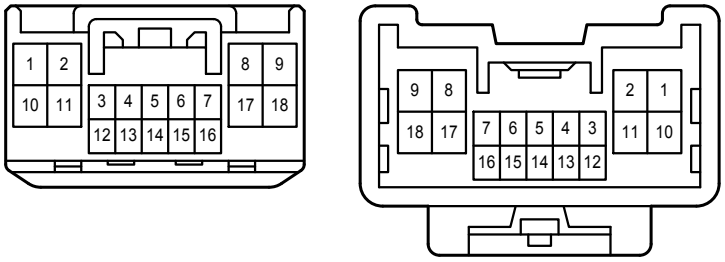
EM1
Gray

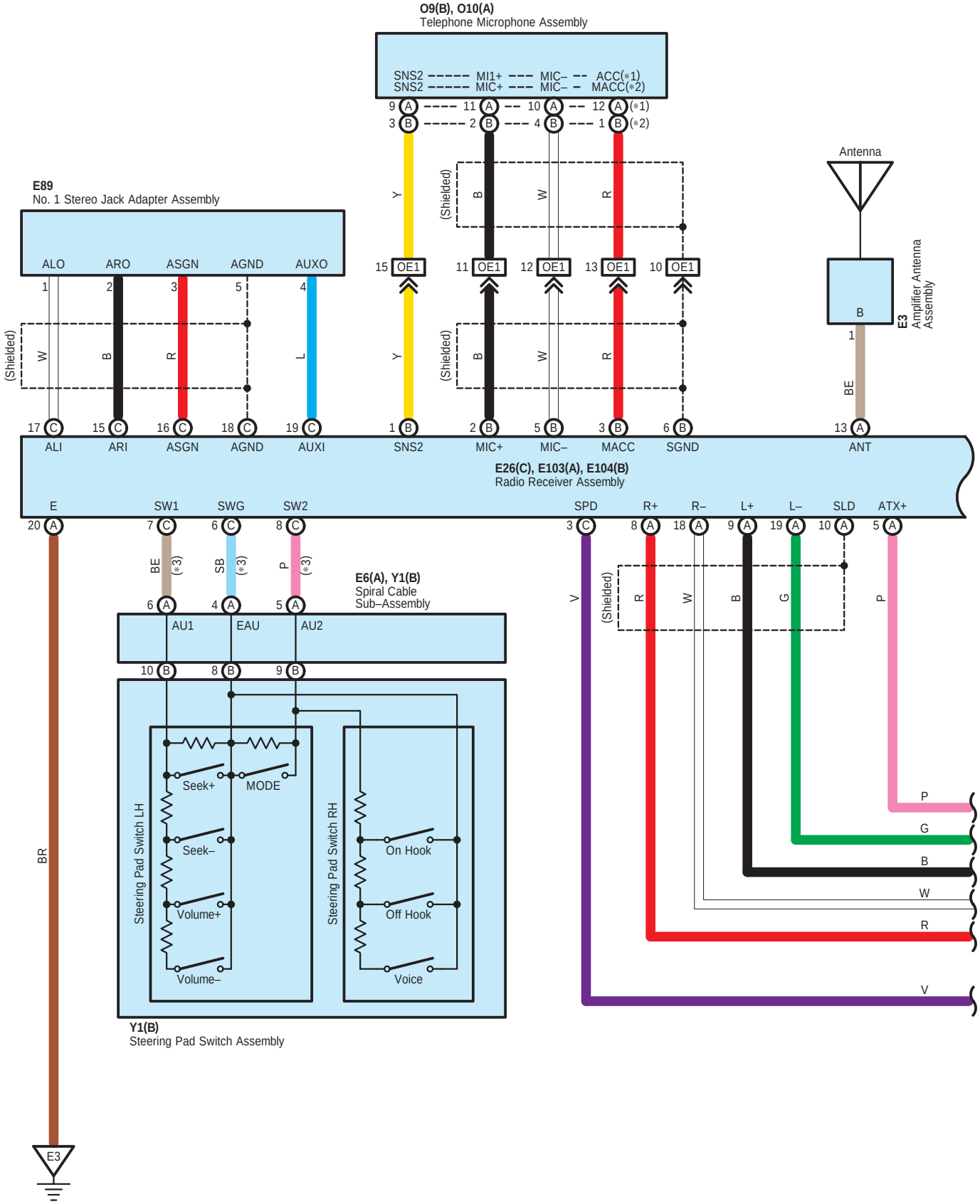


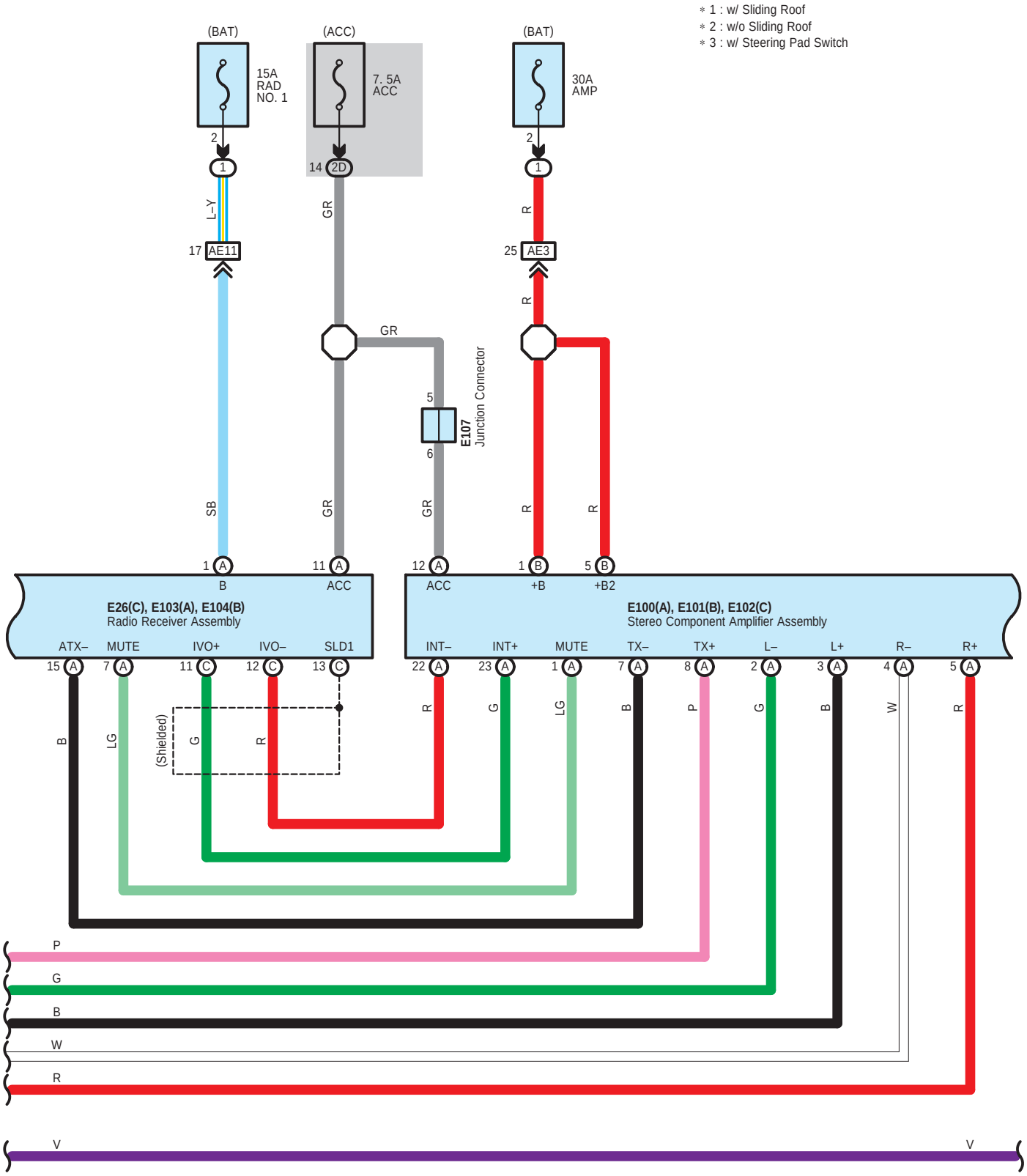
HE2
White

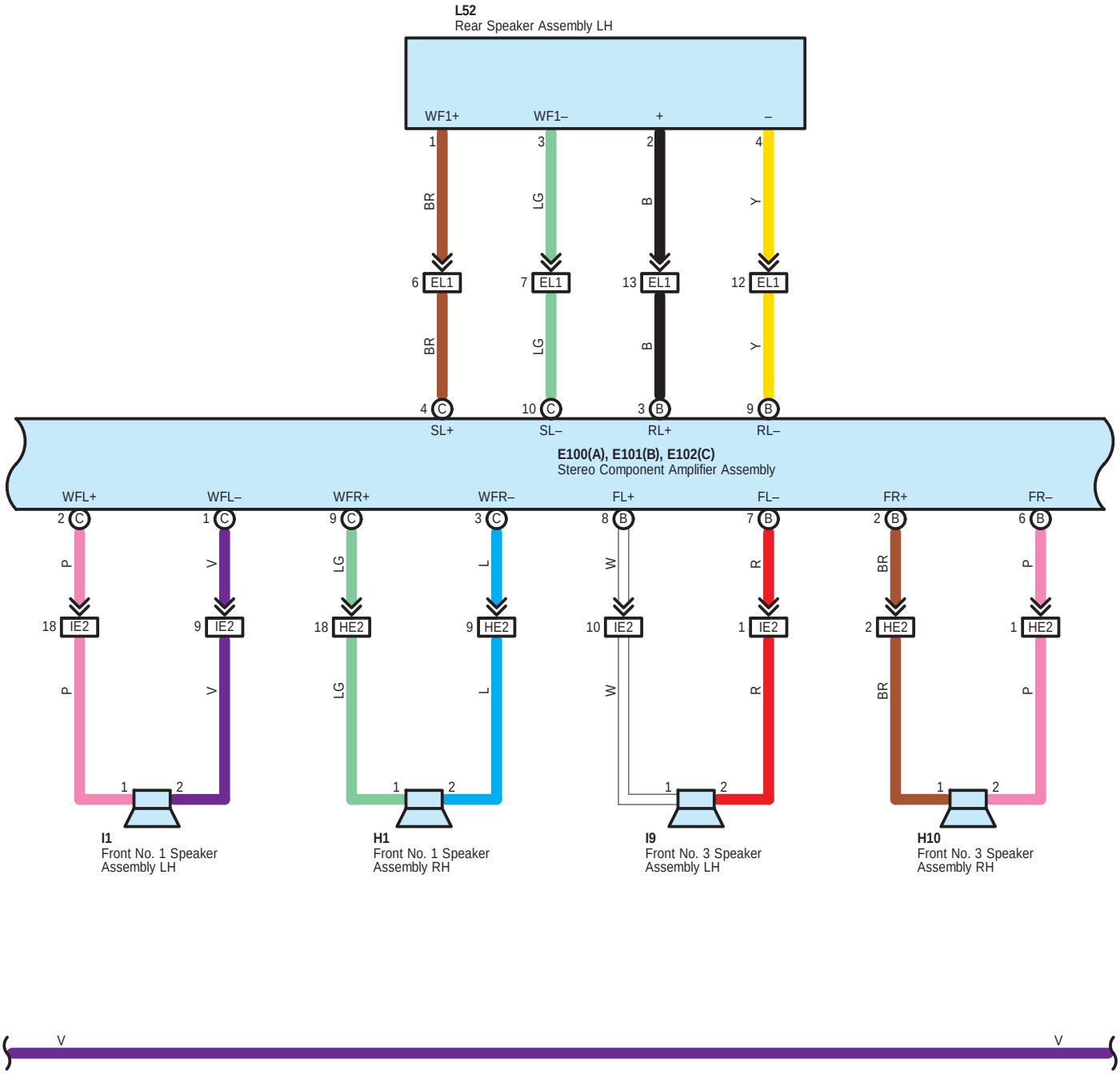


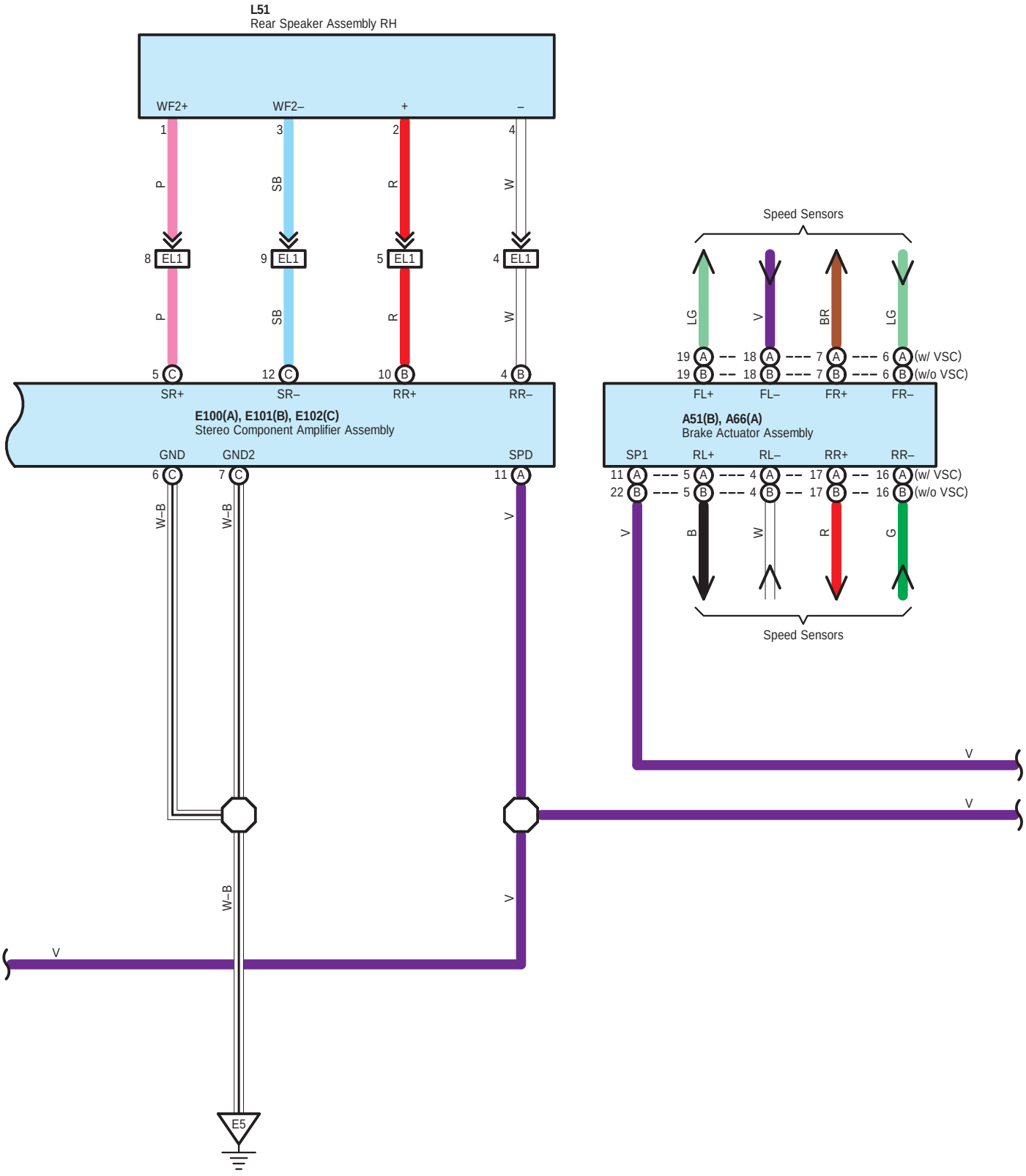
IE2
White

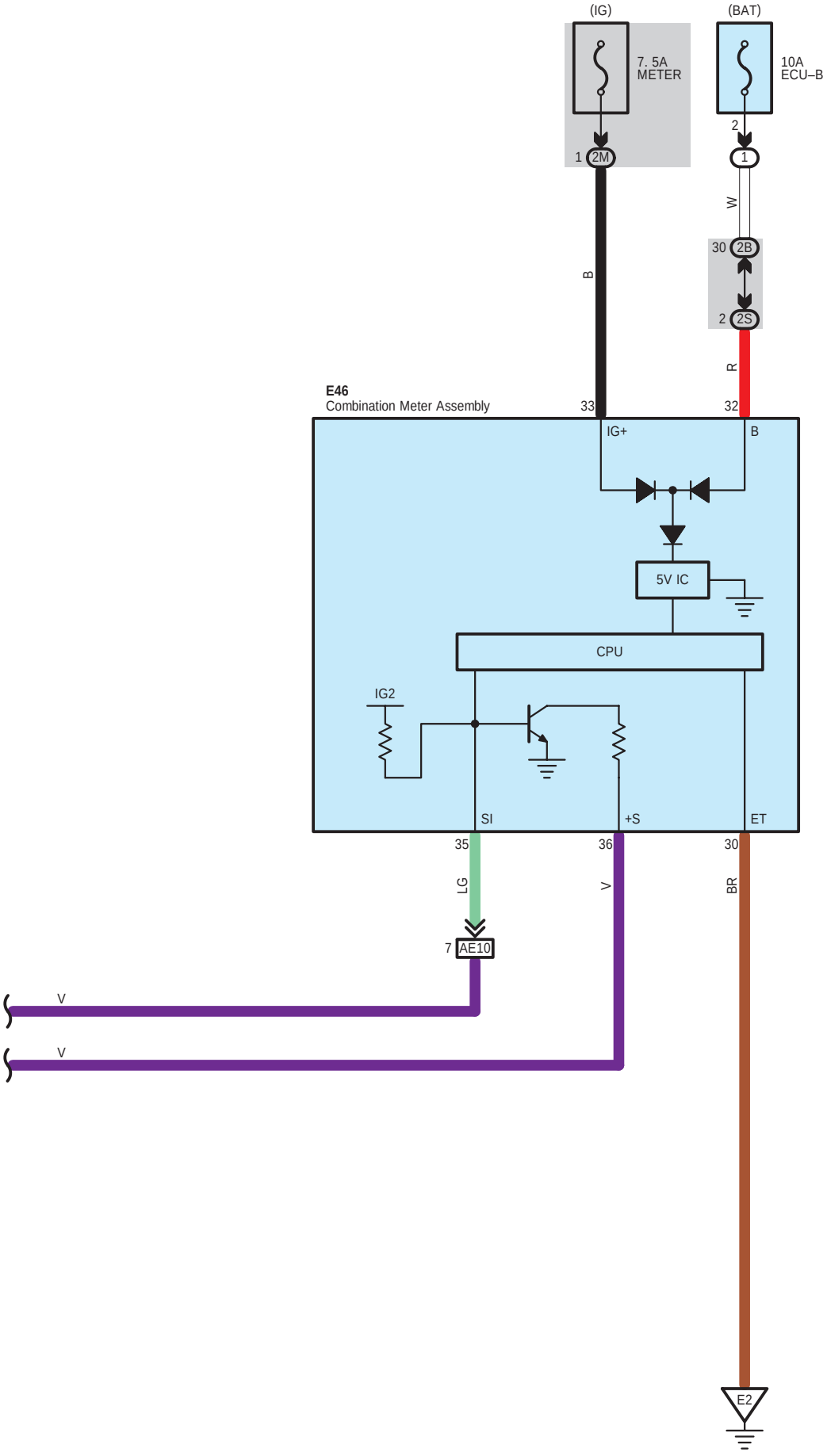



O9(B), O10(A)
Telephone Microphone Assembly
SNS2 MI1+ MIC– ACC(*1)
SNS2 MIC+ MIC– MACC(*2)
E89
No. 1 Stereo Jack Adapter Assembly
ALO ARO ASGN AGND AUXO
Antenna
E3
Amplifier Antenna Assembly
(Shielded)
ALI ARI ASGN AGND AUXI SNS2 MIC+ MIC– MACC SGND ANT
E26(C), E103(A), E104(B)
Radio Receiver Assembly
E SW1 SWG SW2 SPD R+ R– L+ L– SLD ATX+
E6(A), Y1(B)
Spiral Cable
Sub–Assembly
AU1 EAU AU2
Seek+ MODE
Seek–
Volume+
Volume–
On Hook
Off Hook
Voice
Steering Pad Switch LH
Steering Pad Switch RH
Y1(B)
Steering Pad Switch Assembly
BR
E3

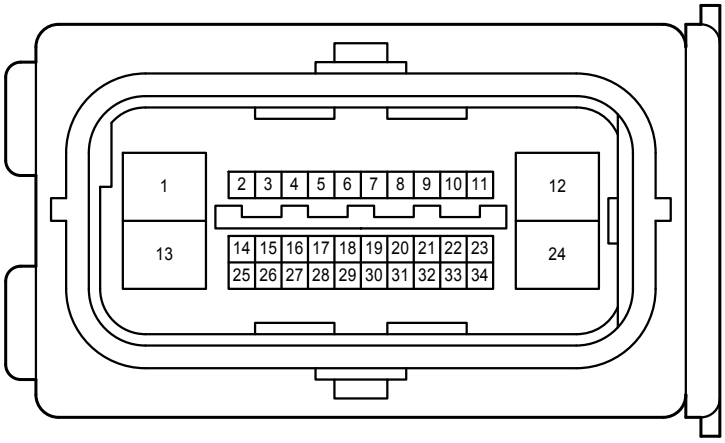

* 1 : w/ Sliding Roof
* 2 : w/o Sliding Roof
* 3 : w/ Steering Pad Switch
(BAT)
15A RAD NO. 1
(ACC)
7. 5A ACC
(BAT)
30A AMP
L–Y
GR
R
17 AE11
25 AE3
E107 Junction Connector
SB
1 A B
11 A ACC
12 A ACC
1 B +B
5 B +B2
E26(C), E103(A), E104(B)
Radio Receiver Assembly
E100(A), E101(B), E102(C)
Stereo Component Amplifier Assembly
ATX– MUTE IVO+ IVO– SLD1
INT– INT+ MUTE TX– TX+ L– L+ R– R+
(Shielded)
P
G
B
W
R
V


L52
Rear Speaker Assembly LH
WF1+
WF1–
+
–
1
3
2
4
BR
LG
B
Y
6 EL1
7 EL1
13 EL1
12 EL1
BR
LG
B
Y
4 C
10 C
3 B
9 B
SL+
SL–
RL+
RL–
E100(A), E101(B), E102(C)
Stereo Component Amplifier Assembly
WFL+
WFL–
WFR+
WFR–
FL+
FL–
FR+
FR–
2 C
1 C
9 C
3 C
8 B
7 B
2 B
6 B
P
V
LG
L
W
R
BR
P
18 IE2
9 IE2
18 HE2
9 HE2
10 IE2
1 IE2
2 HE2
1 HE2
P
V
LG
L
W
R
BR
P
1
2
1
2
1
2
1
2
I1
Front No. 1 Speaker Assembly LH
H1
Front No. 1 Speaker Assembly RH
I9
Front No. 3 Speaker Assembly LH
H10
Front No. 3 Speaker Assembly RH
V
V

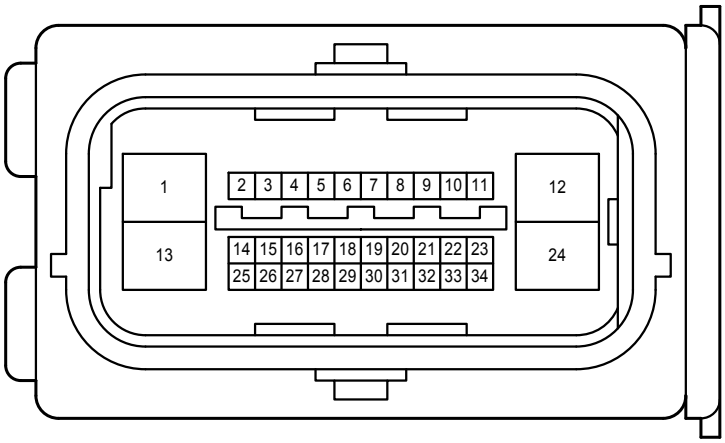

L51
Rear Speaker Assembly RH
WF2+
WF2–
+
–
1
3
2
4
P
SB
R
W
8 EL1
9 EL1
5 EL1
4 EL1
5 C
12 C
10 B
4 B
SR+
SR–
RR+
RR–
E100(A), E101(B), E102(C)
Stereo Component Amplifier Assembly
GND
GND2
SPD
6 C
7 C
11 A
W–B
V
E5
Speed Sensors
LG
V
BR
LG
19 A
19 B
18 A
18 B
7 A
7 B
6 A
6 B
(w/ VSC)
(w/o VSC)
FL+
FL–
FR+
FR–
A51(B), A66(A)
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11 A
22 B
5 A
5 B
4 A
4 B
17 A
17 B
16 A
16 B
B
W
R
G
Speed Sensors


(IG)
(BAT)
7. 5A
METER
10A
ECU–B
2
1 2M
1
W
30 2B
B
2 2S
R
E46
Combination Meter Assembly
33
32
IG+
B
5V IC
CPU
IG2
SI
+S
ET
35
36
30
LG
V
BR
7 AE10
V
V
E2

A 51
Gray



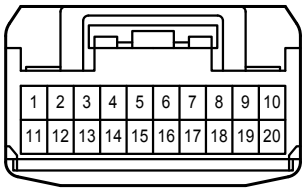
A 66
Black



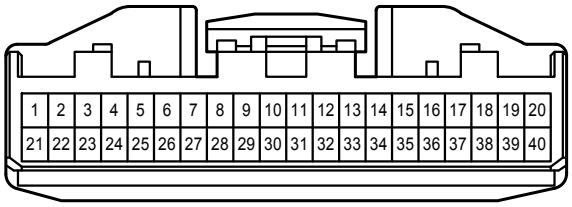
E 3
White

E 6
Black

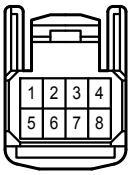
E 26
White



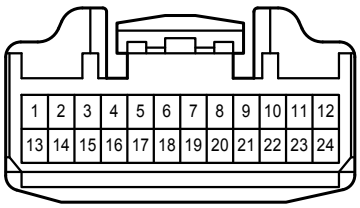
E 46
White



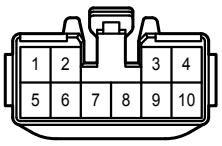
E 89
White



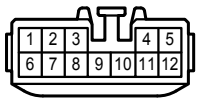
E100
White



E101
Blue



E102
White



E103
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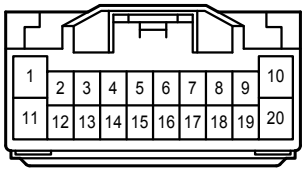

E104
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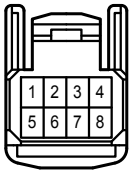
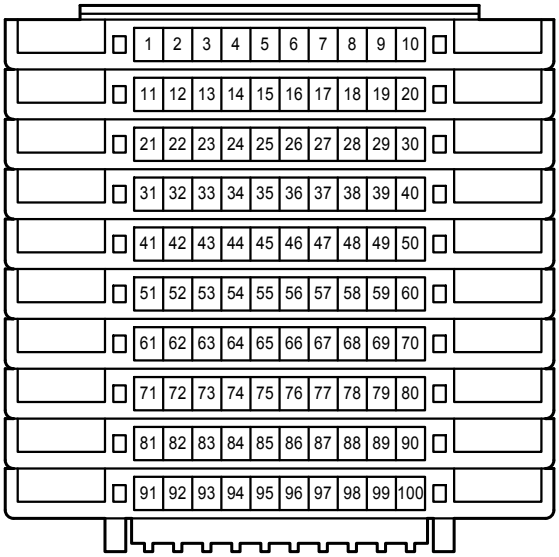
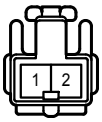


E107
White



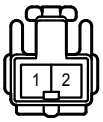
H 1
White

H 10
White

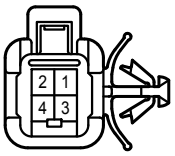


I 1
White

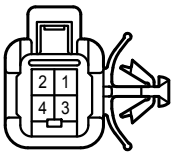
I 9
White



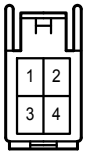
L 51
White



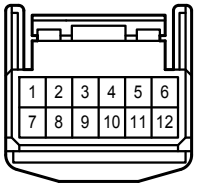
L 52
White



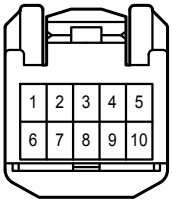
O 9
White



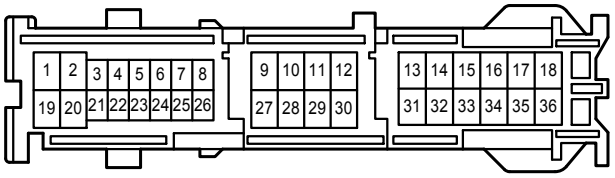
O 10
Black



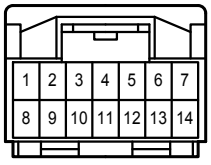
Y 1
White



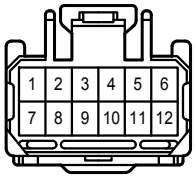
2B
White



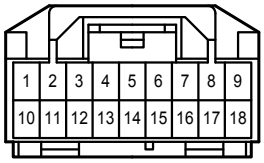
2D
White



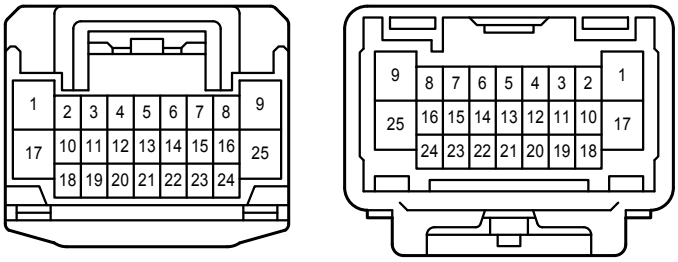
2M
White



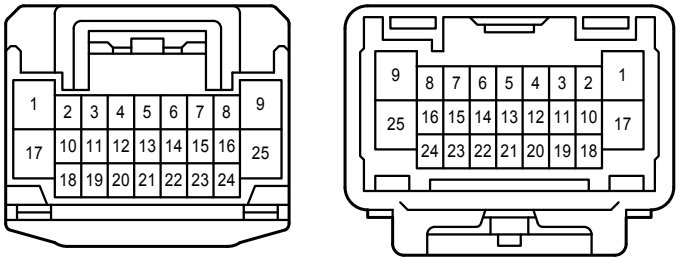
2S
White



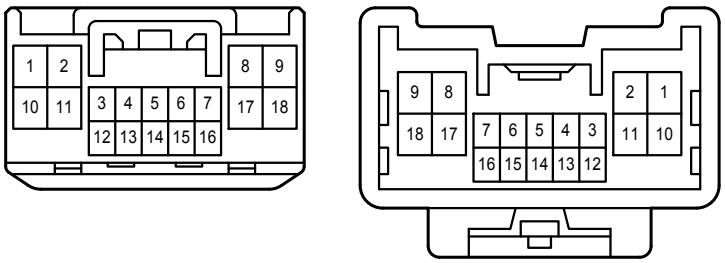
AE3
White



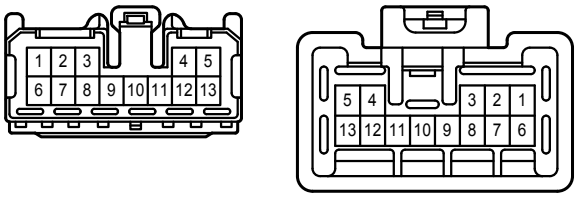
AE10
Gray



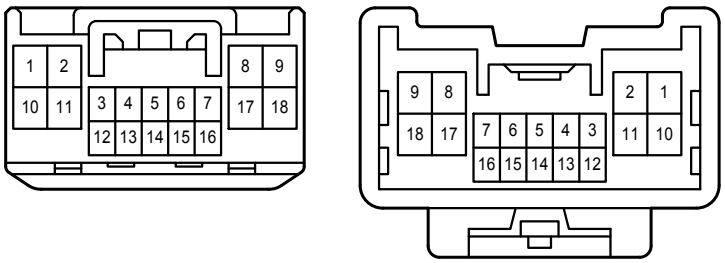
AE11
White



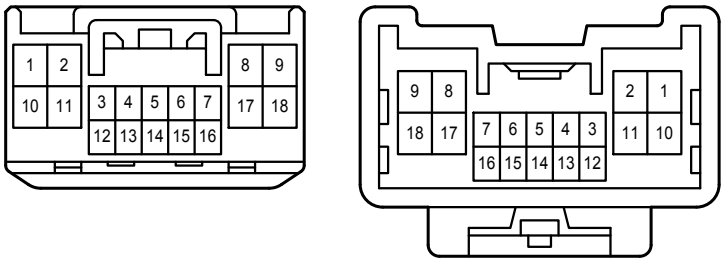
EL1
White

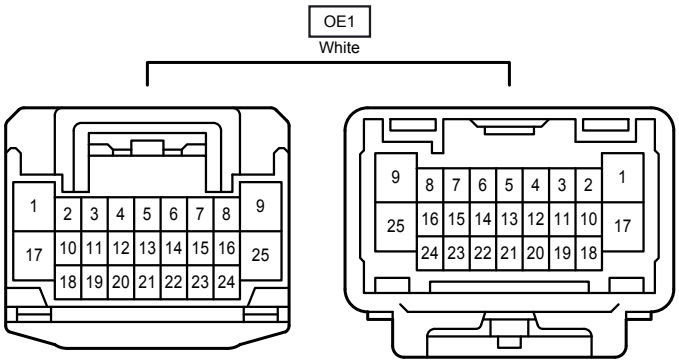


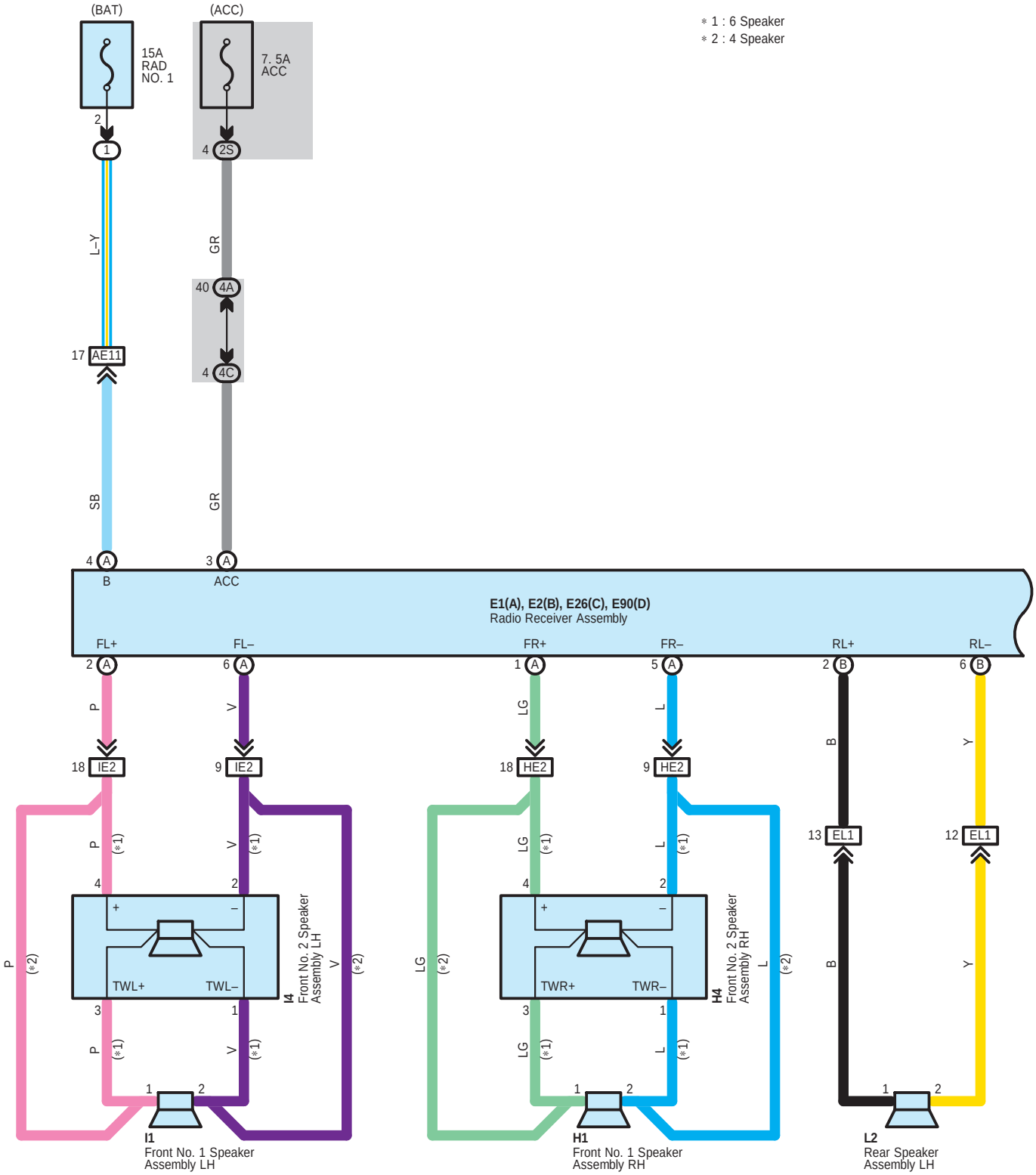
HE2
White

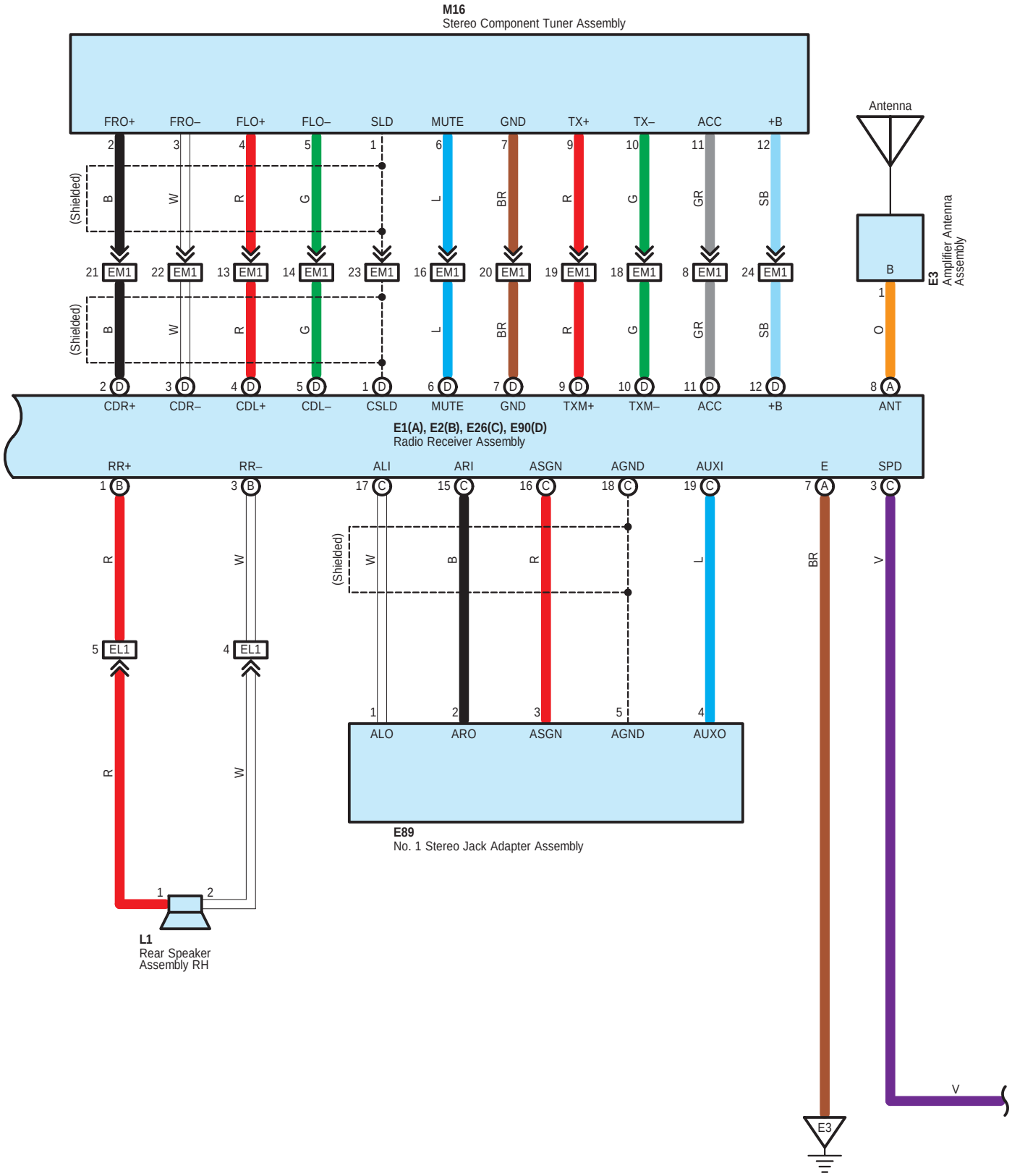


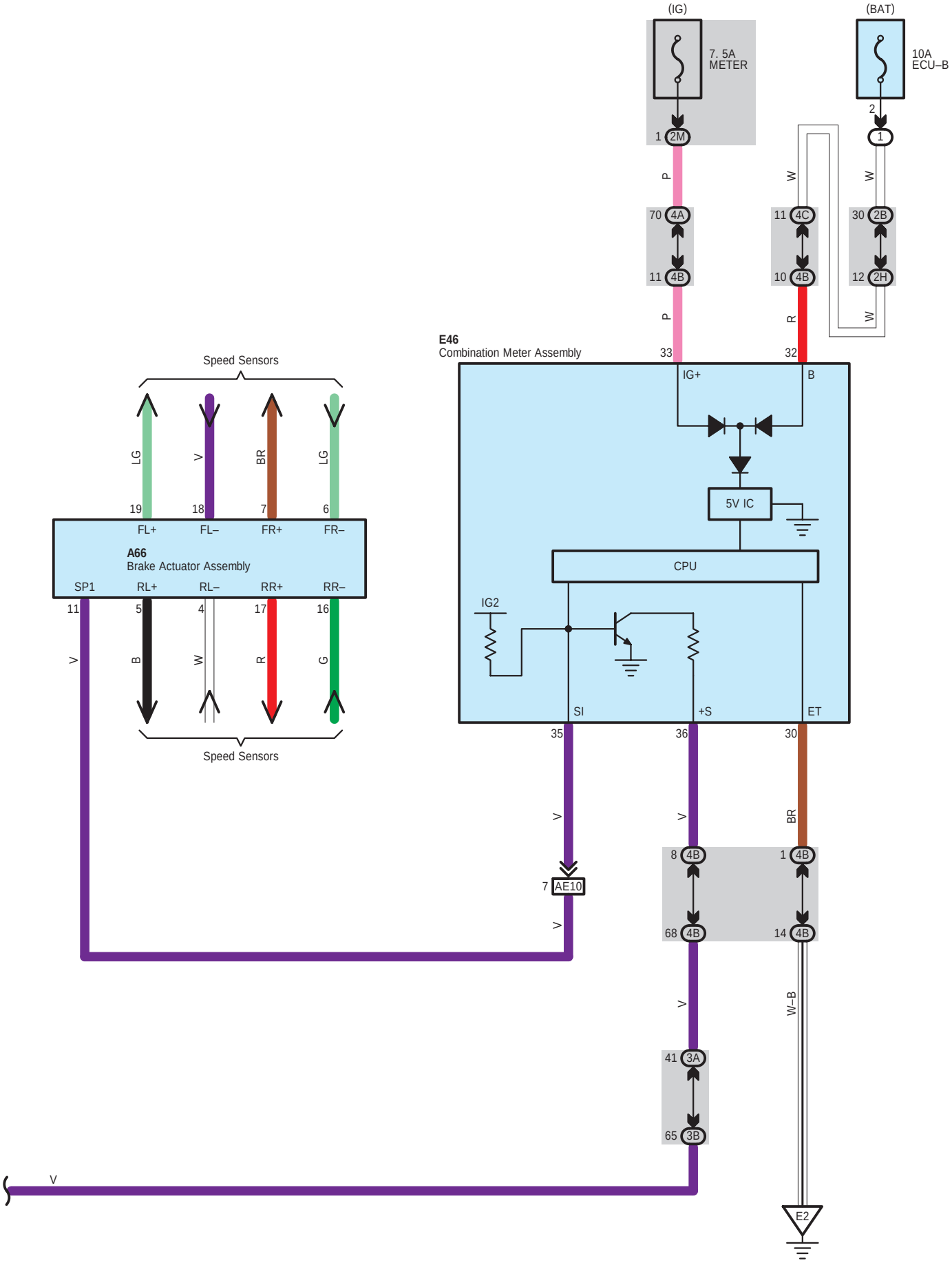
IE2
White



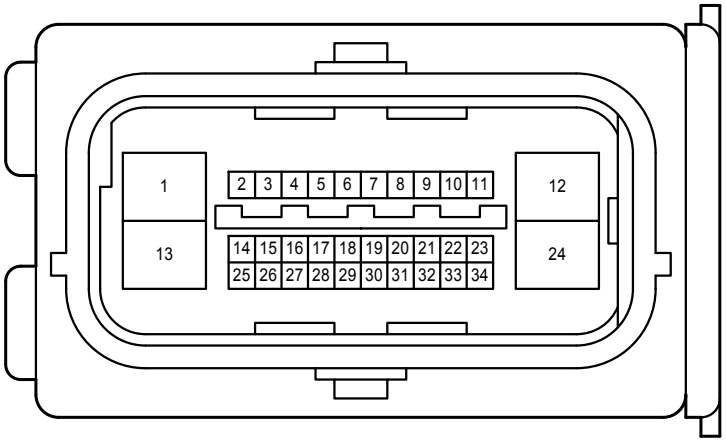

OE1
White
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
5
4
3
2
1
25
16
15
14
13
12
11
10
17
24
23
22
21
20
19
18


(BAT)
(ACC)
15A
RAD
NO. 1
7. 5A
ACC
2
1
4
2S
L–Y
GR
40
4A
4
4C
17
AE11
SB
GR
4
A
B
3
A
ACC
* 1 : 6 Speaker
* 2 : 4 Speaker
E1(A), E2(B), E26(C), E90(D)
Radio Receiver Assembly
FL+
FL–
FR+
FR–
RL+
RL–
2
A
6
A
1
A
5
A
2
B
6
B
P
V
LG
L
B
Y
18
IE2
9
IE2
18
HE2
9
HE2
13
EL1
12
EL1
(*1)
4
2
+
–
TWL+
TWL–
I4
Front No. 2 Speaker
Assembly LH
TWR+
TWR–
H4
Front No. 2 Speaker
Assembly RH
3
1
(*2)
I1
Front No. 1 Speaker
Assembly LH
H1
Front No. 1 Speaker
Assembly RH
L2
Rear Speaker
Assembly LH

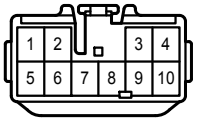

M16
Stereo Component Tuner Assembly
FRO+
FRO–
FLO+
FLO–
SLD
MUTE
GND
TX+
TX–
ACC
+B
(Shielded)
CDR+
CDR–
CDL+
CDL–
CSLD
MUTE
GND
TXM+
TXM–
ACC
+B
ANT
Antenna
E3
Amplifier Antenna Assembly
E1(A), E2(B), E26(C), E90(D)
Radio Receiver Assembly
RR+
RR–
ALI
ARI
ASGN
AGND
AUXI
E
SPD
ALO
ARO
ASGN
AGND
AUXO
E89
No. 1 Stereo Jack Adapter Assembly
L1
Rear Speaker Assembly RH
E3


(IG)
7. 5A
METER
(BAT)
10A
ECU–B
2
1
1 2M
P
70 4A
11 4B
P
33
W
11 4C
10 4B
R
32
W
30 2B
12 2H
W
E46
Combination Meter Assembly
IG+
B
5V IC
CPU
IG2
SI
+S
ET
35
36
30
V
V
BR
7 AE10
V
8 4B
68 4B
1 4B
14 4B
V
W–B
41 3A
65 3B
V
E2
Speed Sensors
LG
V
BR
LG
19
18
7
6
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11
5
4
17
16
V
B
W
R
G
Speed Sensors

A 66
Black



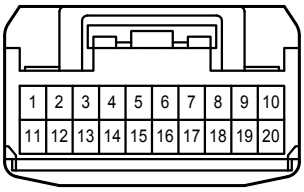
E 1
White



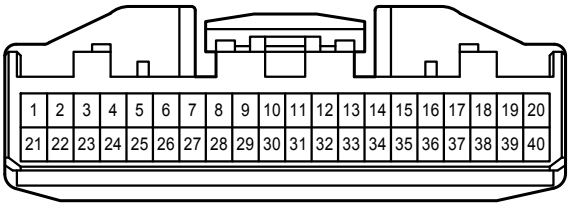
E 2
White

E 3
White

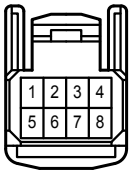
E 26
White



E 46
White



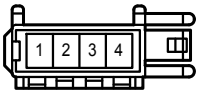
E 89
White



E 90
White

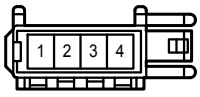
H 1
White

H 4
White

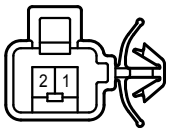


I 1
White

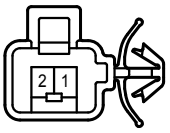
I 4
White



L 1
White

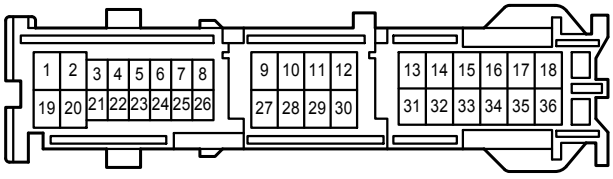


L 2
White

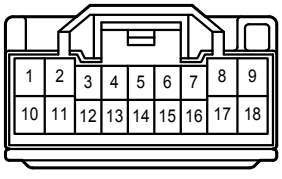


M 16
White

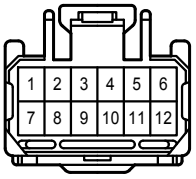
2B
White



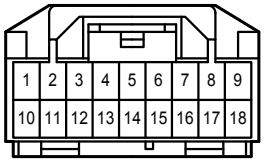
2H
White



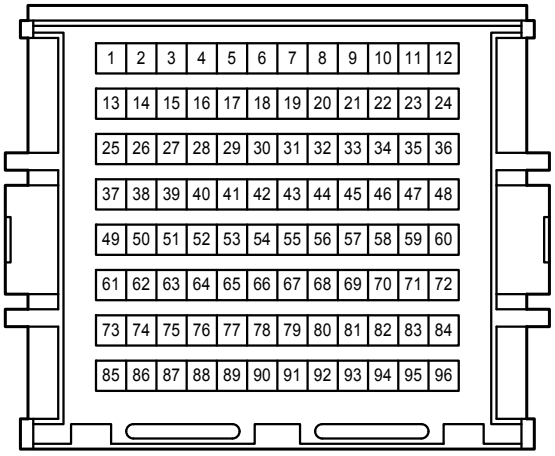
2M
White



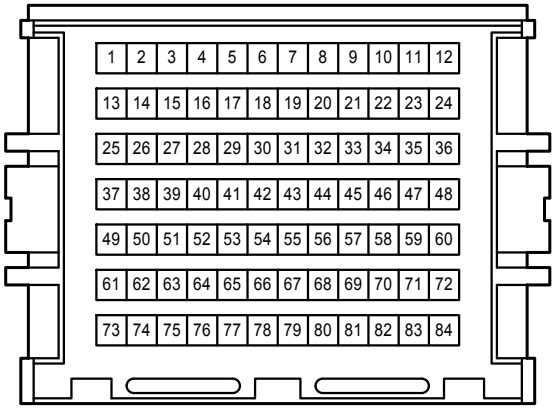
2S
White



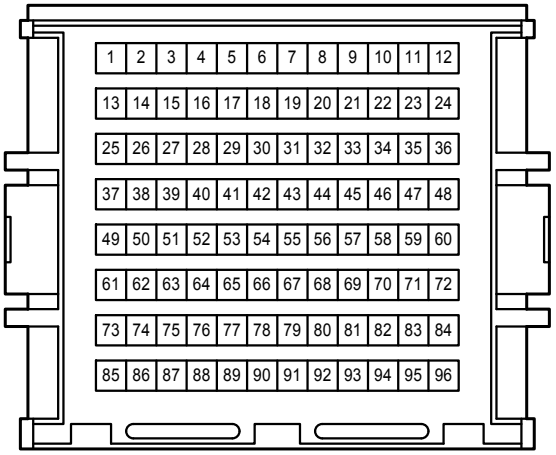
3A
White



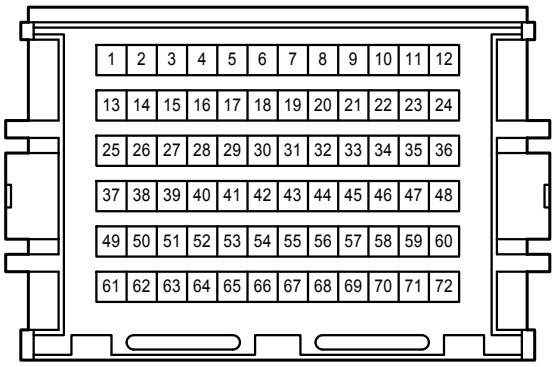
3B
White



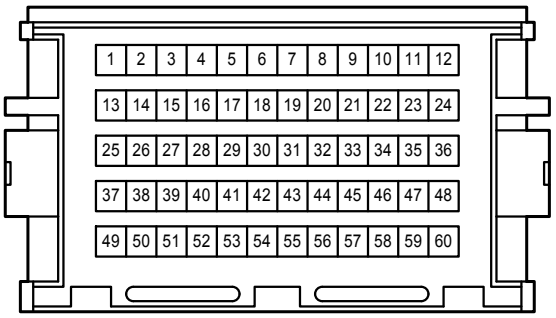
4A
White



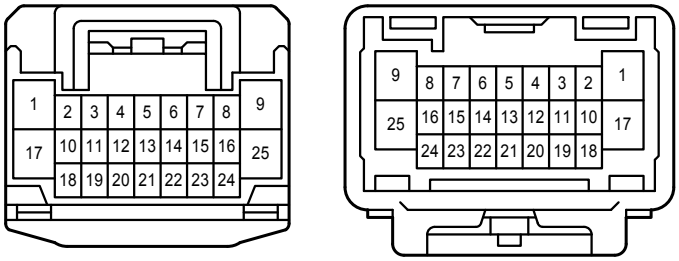
4B
White



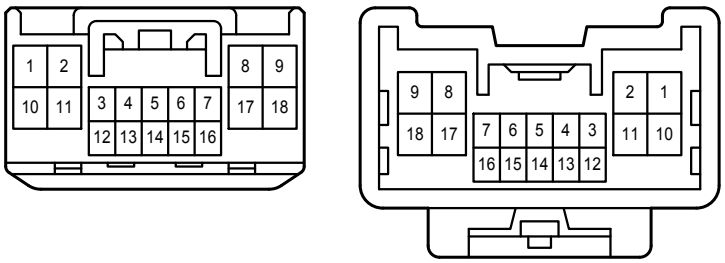
4C
White



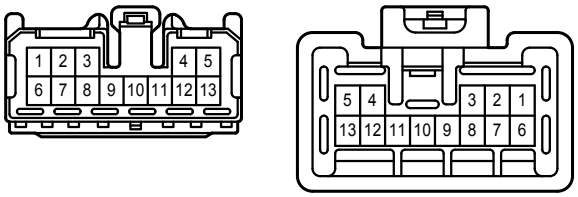
AE10
Gray



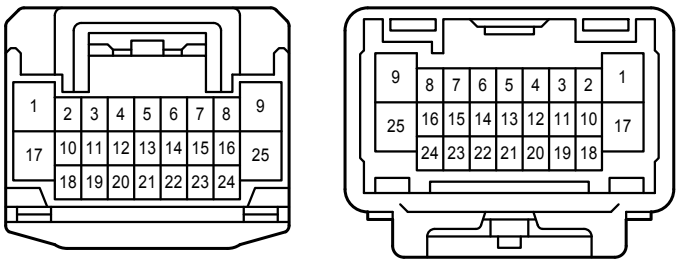
AE11
White



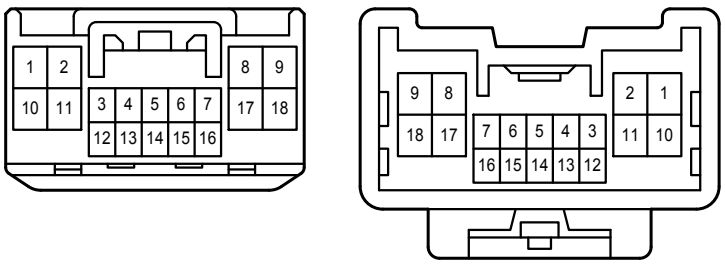
EL1
White

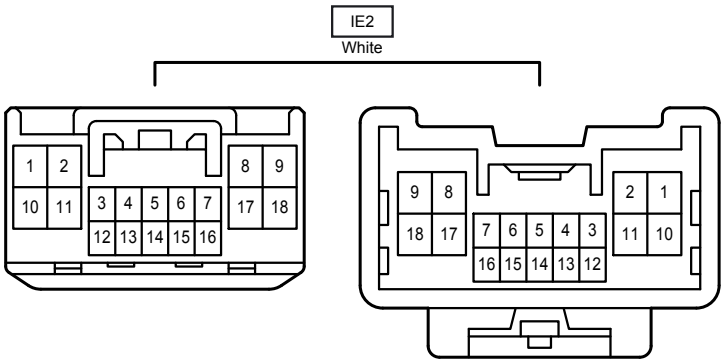


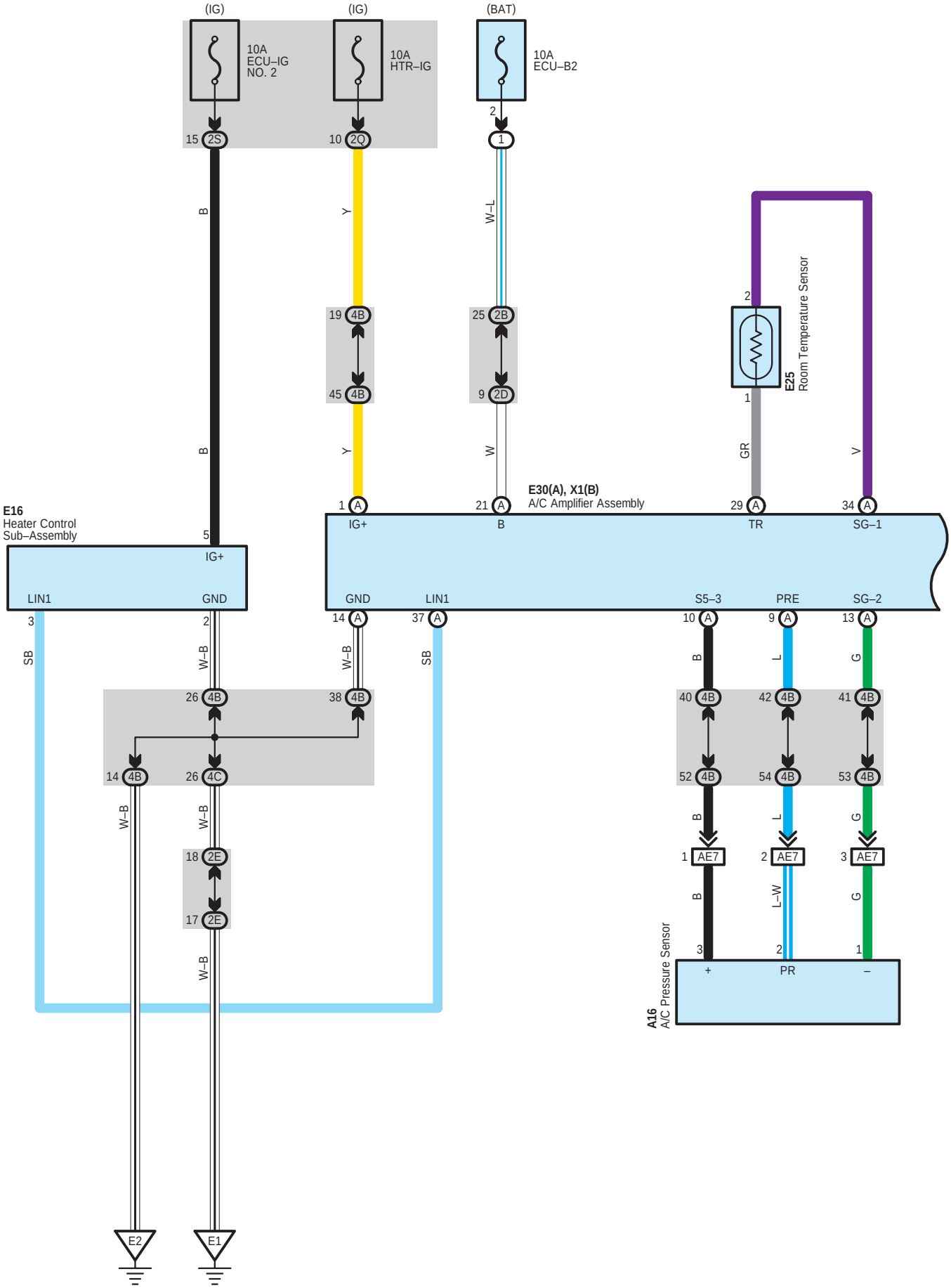
EM1
Gray

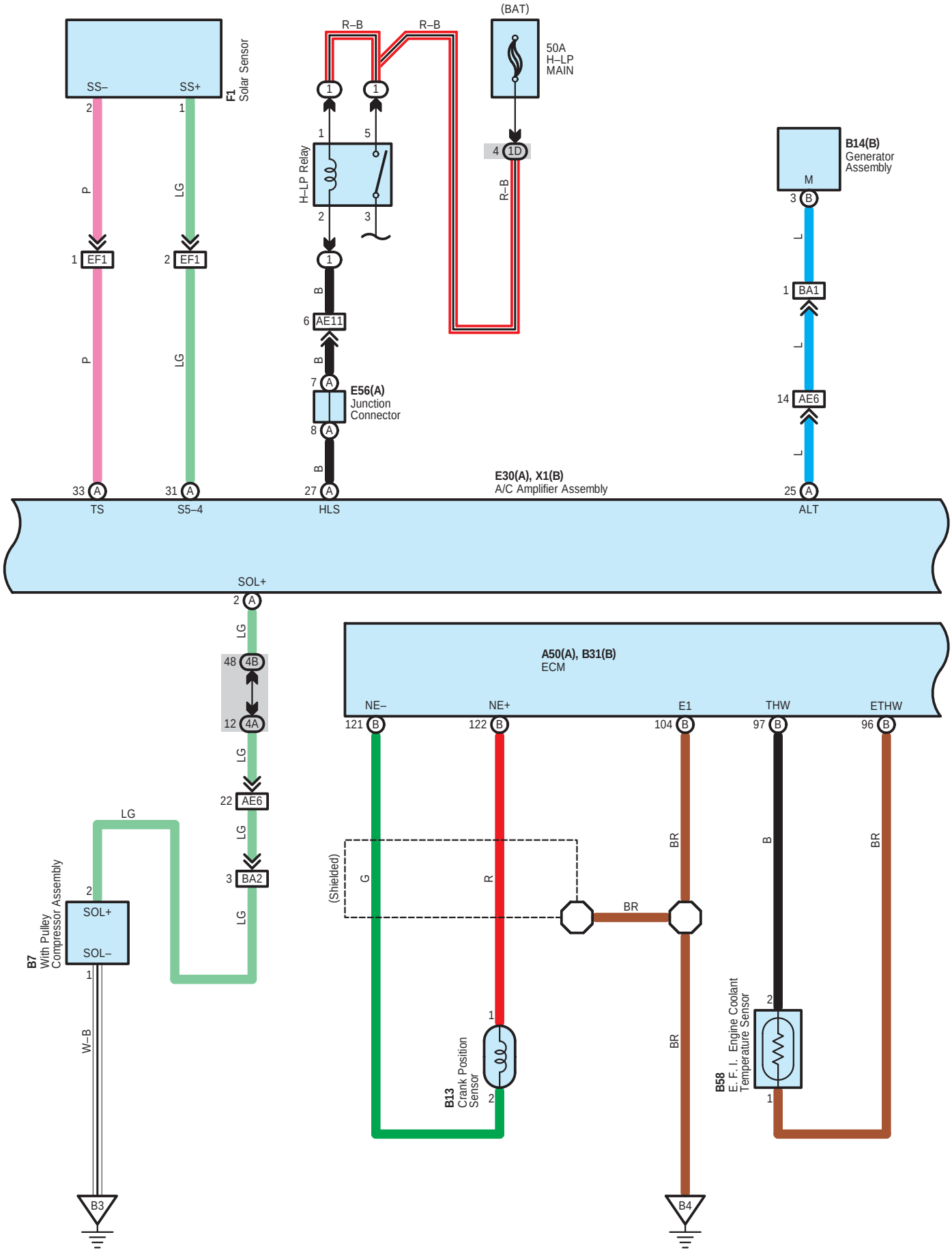


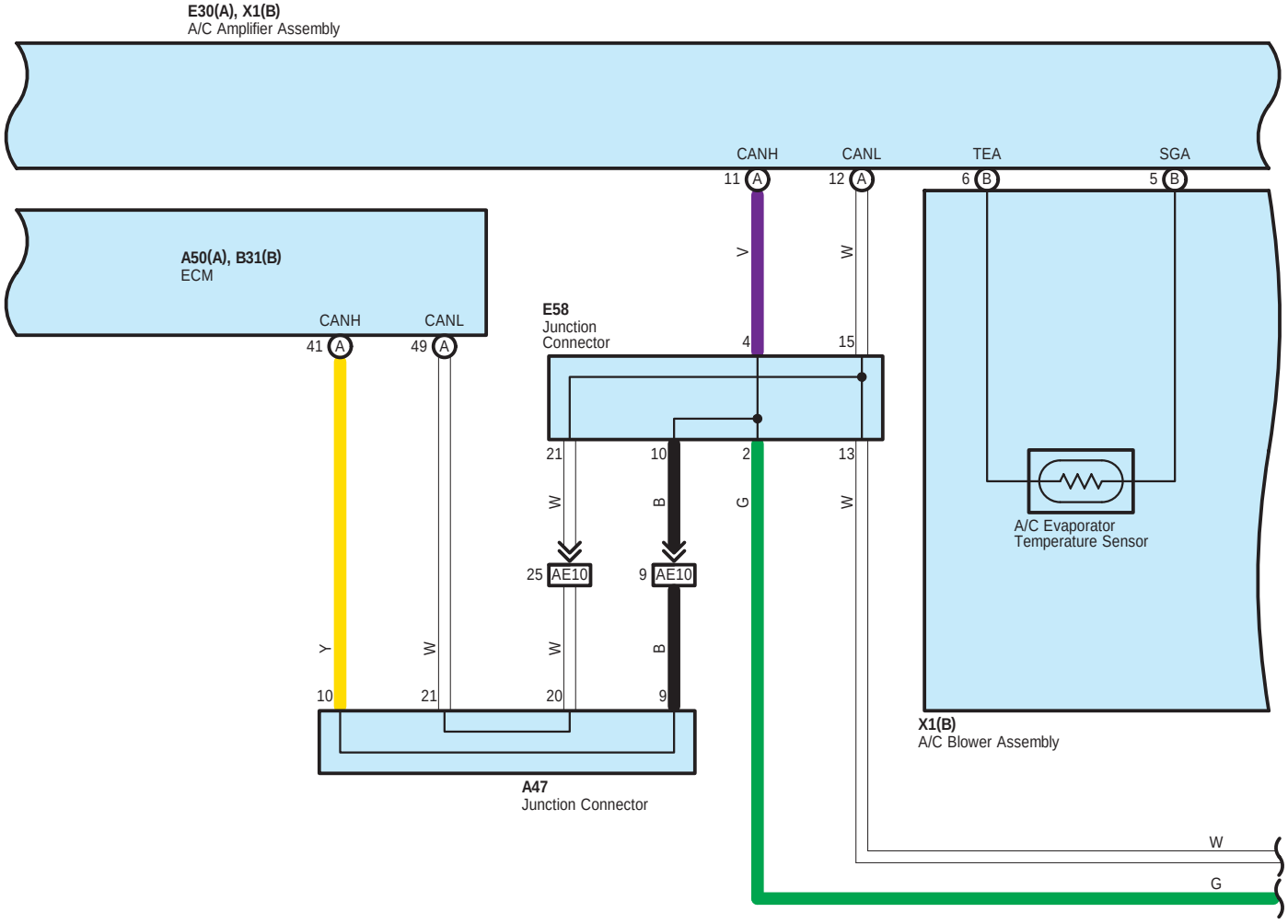
HE2
White

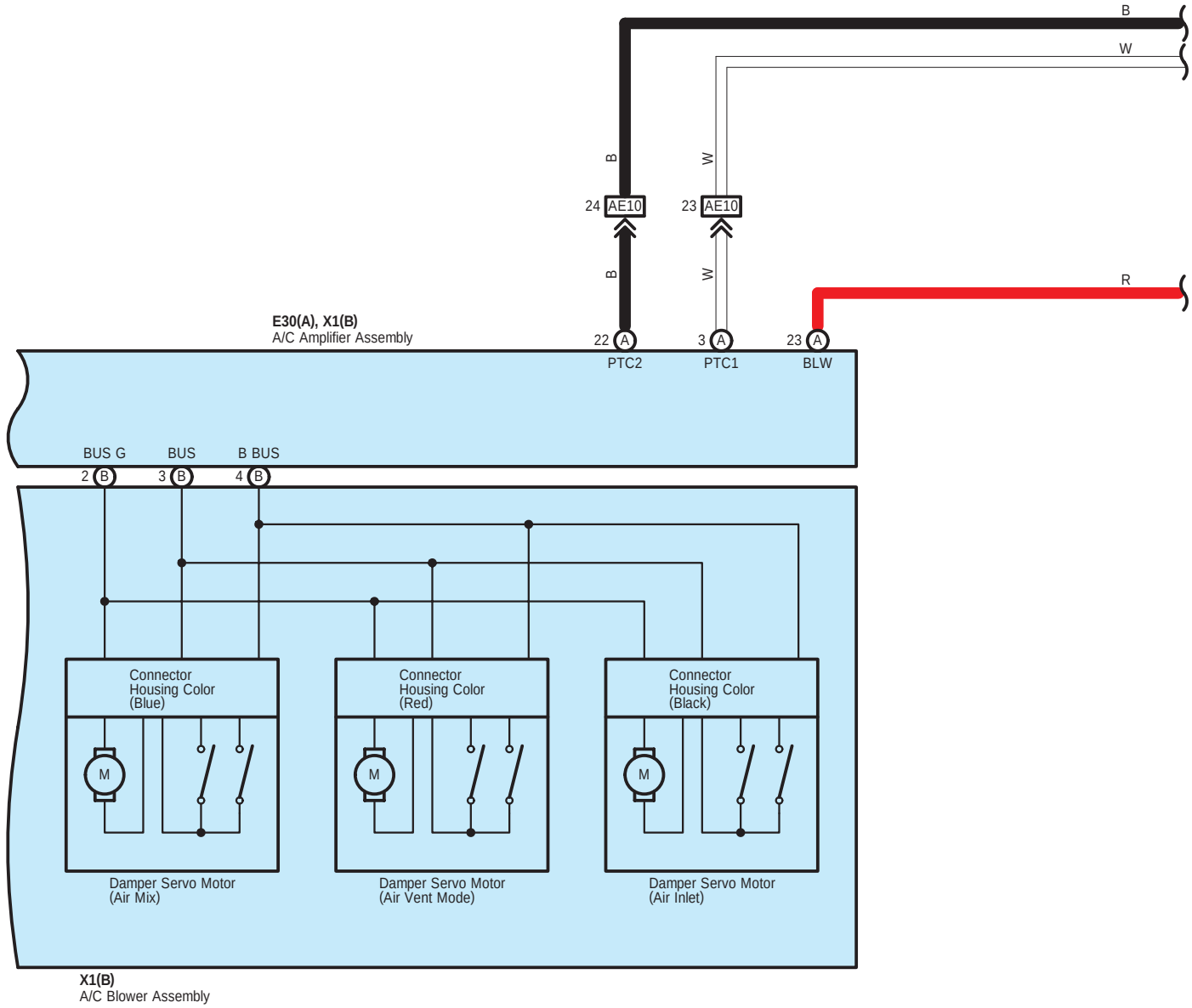


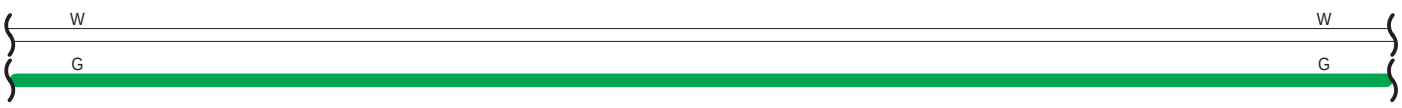

IE2
White
1 2
10 11
3 4 5 6 7
12 13 14 15 16
8 9
17 18
9 8
18 17
7 6 5 4 3
16 15 14 13 12
2 1
11 10

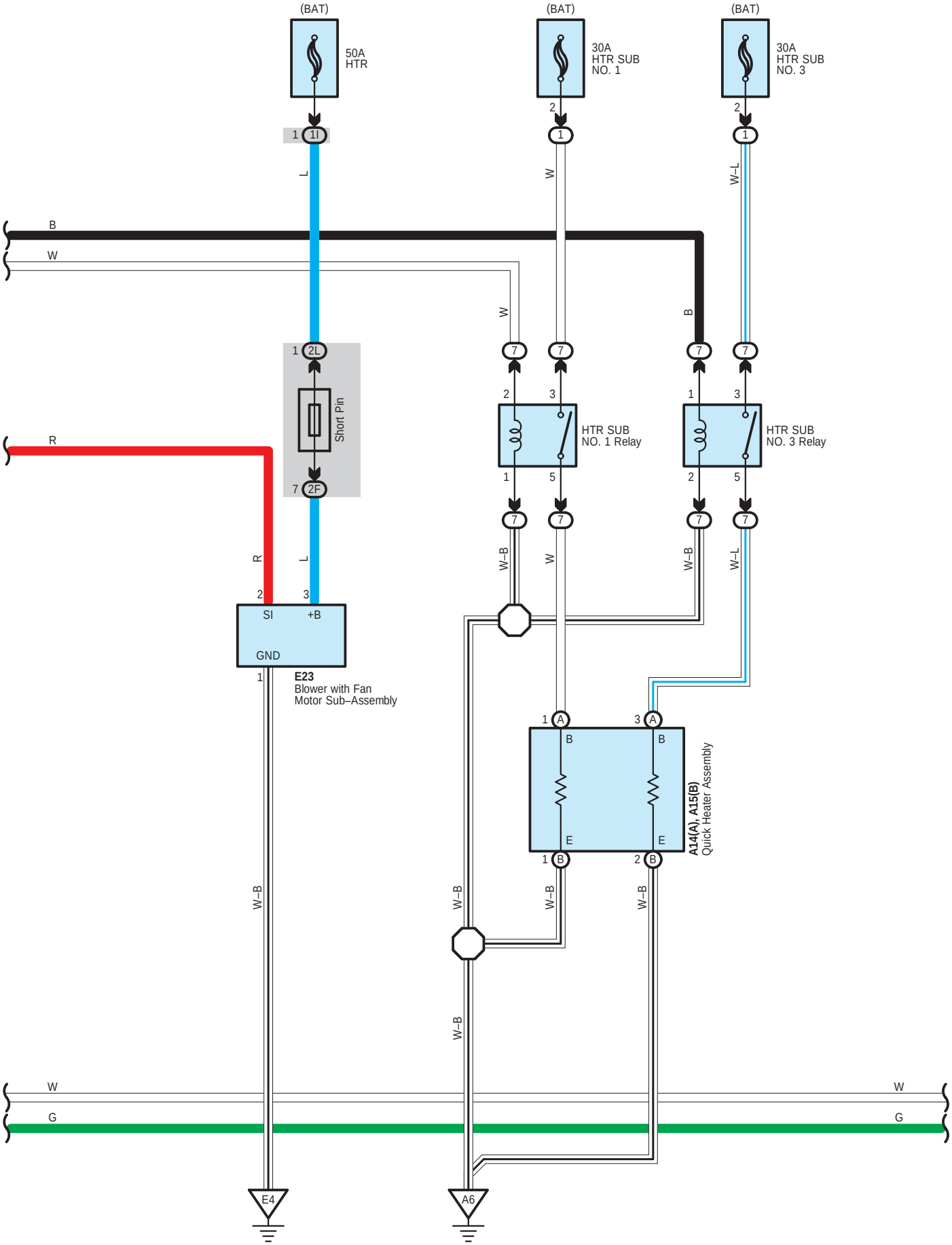

(IG)
(IG)
(BAT)
10A
ECU–IG
NO. 2
10A
HTR–IG
10A
ECU–B2
15 2S
10 2Q
2
1
B
Y
W–L
19 4B
45 4B
25 2B
9 2D
2
1
E25
Room Temperature Sensor
GR
V
B
Y
W
E30(A), X1(B)
A/C Amplifier Assembly
1 A
21 A
29 A
34 A
IG+
B
TR
SG–1
E16
Heater Control
Sub–Assembly
5
IG+
LIN1
GND
GND
LIN1
S5–3
PRE
SG–2
3
2
14 A
37 A
10 A
9 A
13 A
SB
W–B
W–B
SB
B
L
G
26 4B
38 4B
40 4B
42 4B
41 4B
14 4B
26 4C
52 4B
54 4B
53 4B
W–B
W–B
B
L
G
18 2E
17 2E
1 AE7
2 AE7
3 AE7
W–B
B
L–W
G
3
2
1
+
PR
–
A16
A/C Pressure Sensor
E2
E1

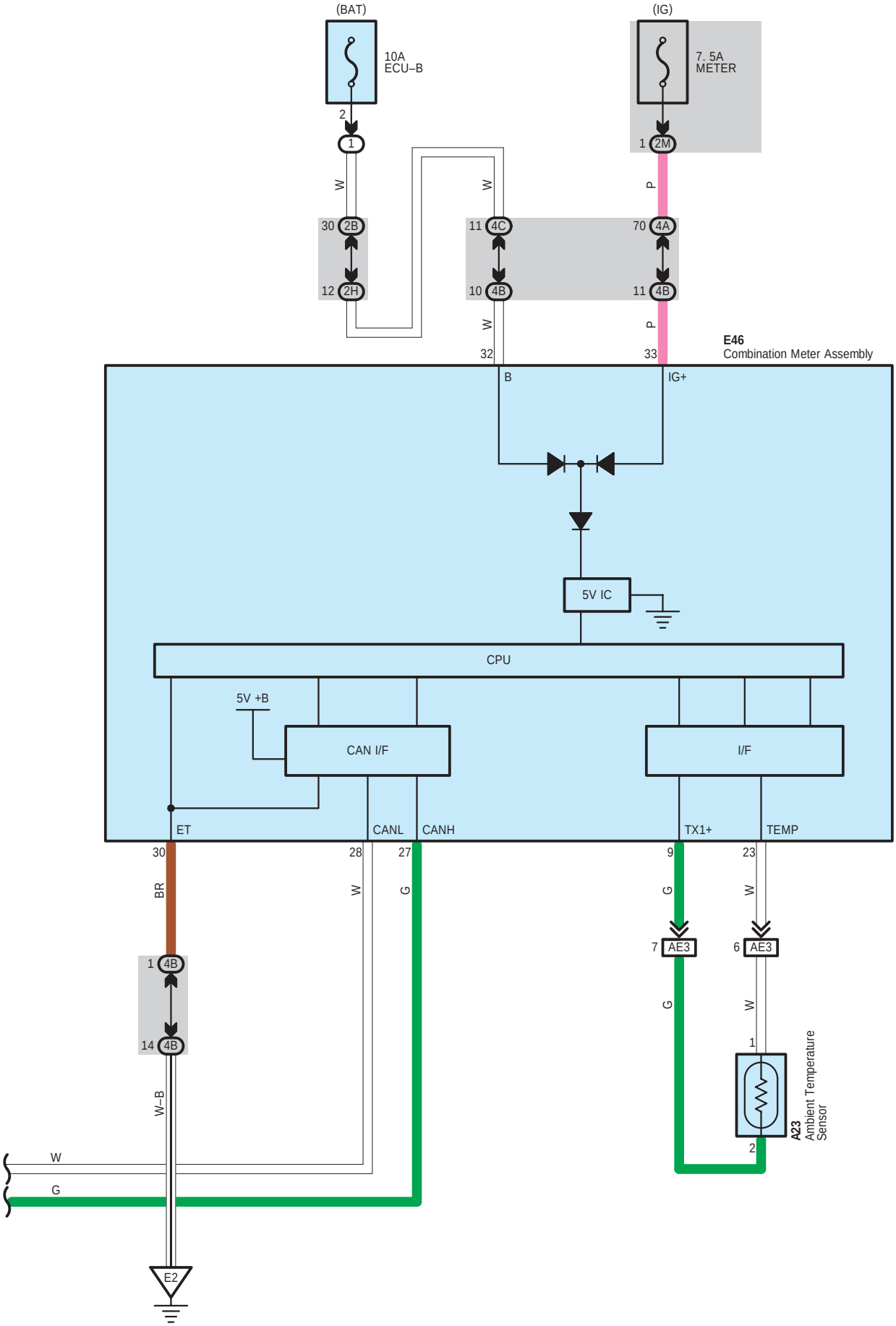

F1
Solar Sensor
SS–
SS+
2
1
P
LG
1 EF1
2 EF1
P
LG
33 A
31 A
TS
S5–4
R–B
R–B
(BAT)
50A
H–LP
MAIN
1
1
1
5
H–LP Relay
2
3
4 1D
R–B
1
B
6 AE11
B
7 A
E56(A)
Junction
Connector
8 A
B
27 A
HLS
E30(A), X1(B)
A/C Amplifier Assembly
B14(B)
Generator
Assembly
M
3 B
L
1 BA1
L
14 AE6
L
25 A
ALT
SOL+
2 A
LG
48 4B
12 4A
LG
22 AE6
LG
3 BA2
LG
LG
2
SOL+
SOL–
1
W–B
B7
With Pulley
Compressor Assembly
B3
A50(A), B31(B)
ECM
NE–
NE+
E1
THW
ETHW
121 B
122 B
104 B
97 B
96 B
(Shielded)
G
R
BR
BR
BR
B
BR
1
2
B13
Crank Position
Sensor
2
1
B58
E. F. I. Engine Coolant
Temperature Sensor
B4


E30(A), X1(B)
A/C Amplifier Assembly
CANH
CANL
TEA
SGA
11 A
12 A
6 B
5 B
V
W
A50(A), B31(B)
ECM
CANH
CANL
41 A
49 A
E58
Junction
Connector
4
15
21
10
2
13
W
B
G
W
25 AE10
9 AE10
A/C Evaporator
Temperature Sensor
Y
W
W
B
10
21
20
9
X1(B)
A/C Blower Assembly
A47
Junction Connector
W
G

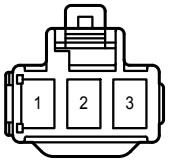

B
W
B
W
24 AE10
23 AE10
B
W
R
E30(A), X1(B)
A/C Amplifier Assembly
22 A
3 A
23 A
PTC2
PTC1
BLW
BUS G
BUS
B BUS
2 B
3 B
4 B
Connector
Housing Color
(Blue)
Connector
Housing Color
(Red)
Connector
Housing Color
(Black)
M
M
M
Damper Servo Motor
(Air Mix)
Damper Servo Motor
(Air Vent Mode)
Damper Servo Motor
(Air Inlet)
X1(B)
A/C Blower Assembly


W
W
G
G

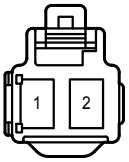

(BAT)
50A
HTR
1
1I
L
B
W
1
2L
Short Pin
7
2F
R
R
L
2
3
SI
+B
GND
1
E23
Blower with Fan
Motor Sub–Assembly
W–B
(BAT)
30A
HTR SUB
NO. 1
2
1
W
W
7
7
2
3
HTR SUB
NO. 1 Relay
1
5
7
7
W–B
W
(BAT)
30A
HTR SUB
NO. 3
2
1
W–L
B
7
7
1
3
HTR SUB
NO. 3 Relay
2
5
7
7
W–B
W–L
1
A
3
A
B
B
E
E
A14(A), A15(B)
Quick Heater Assembly
1
B
2
B
W–B
W–B
W–B
W–B
W
G
W
G
E4
A6


(BAT)
10A
ECU–B
2
1
W
30
2B
12
2H
W
11
4C
10
4B
W
32
(IG)
7. 5A
METER
1
2M
P
70
4A
11
4B
P
33
E46
Combination Meter Assembly
B
IG+
5V IC
CPU
5V +B
CAN I/F
I/F
ET
CANL
CANH
TX1+
TEMP
30
BR
28
W
27
G
9
G
23
W
7
AE3
6
AE3
G
W
1
2
A23
Ambient Temperature
Sensor
1
4B
14
4B
W–B
W
G
E2

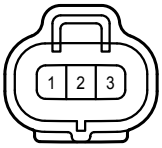
A 14
White



A 15
White



A 16
Black



A 23
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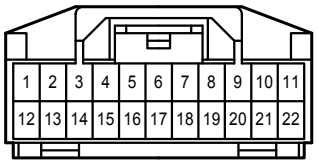
A 47
White



A 50
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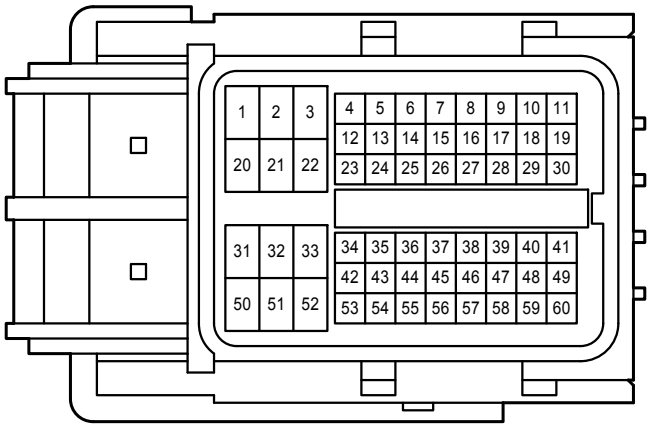
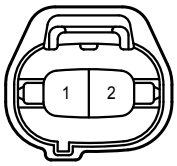


B 7
Black



B 13
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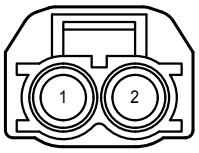
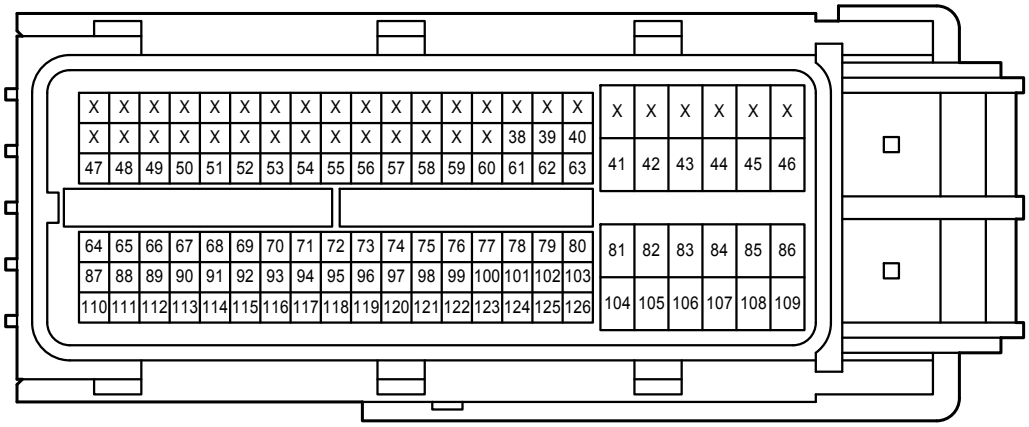


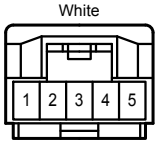
B 14
Black

B 31
Black



B 58
Gray

E 16
White



E 23
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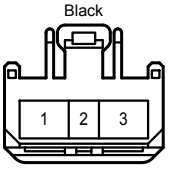

E 25
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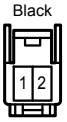

E 30
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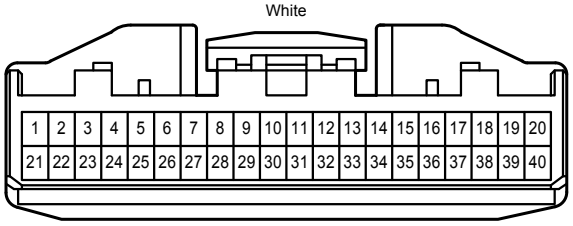
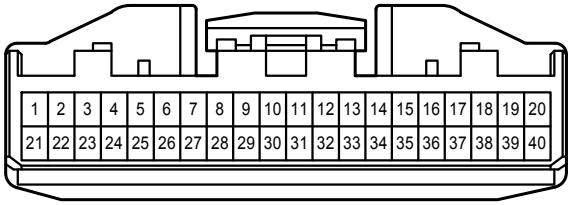


E 46
White



E 56
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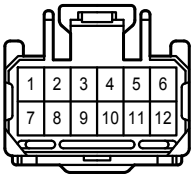
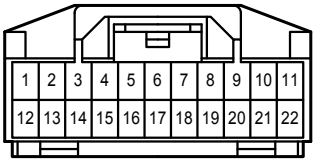
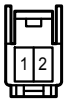


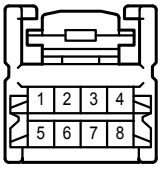
E 58
Gray



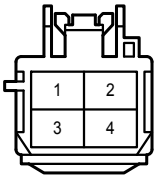
F 1
Black



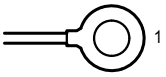
X 1
White



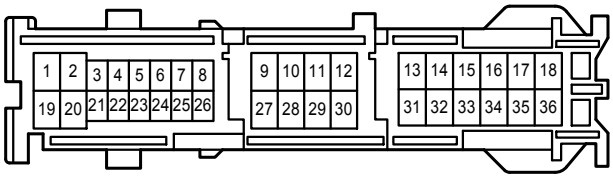
1D
White



1I



2B
White



2D
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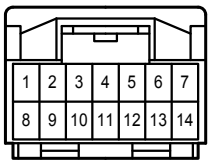

2E
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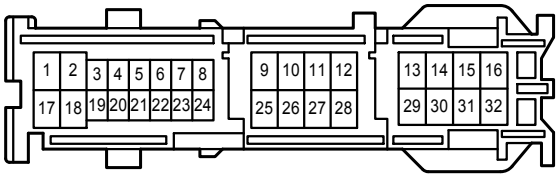
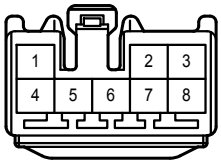
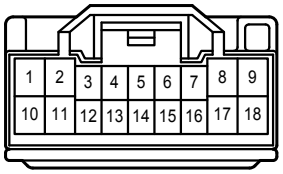


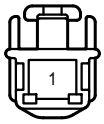
2F
White



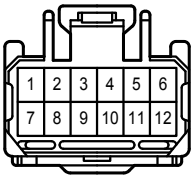
2H
White



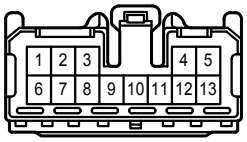
2L
White



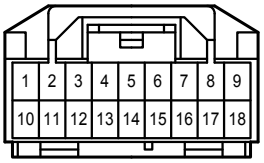
2M
White



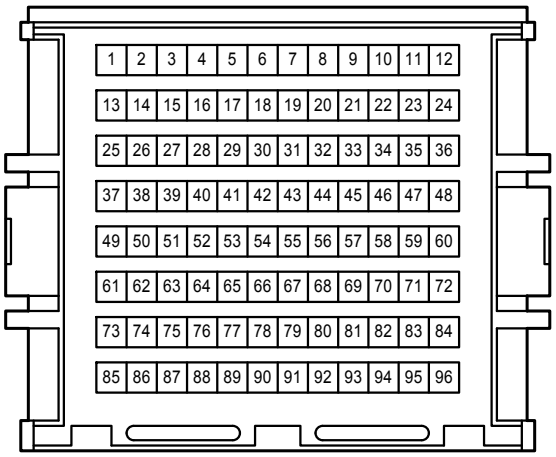
2Q
White



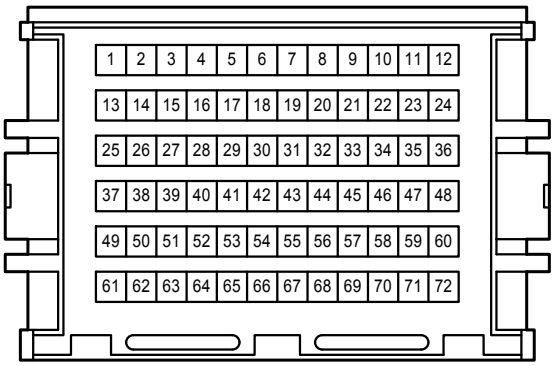
2S
White



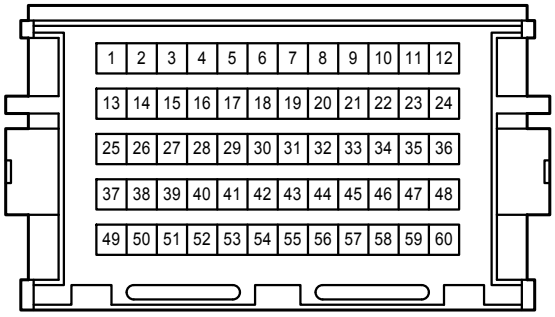
4A
White



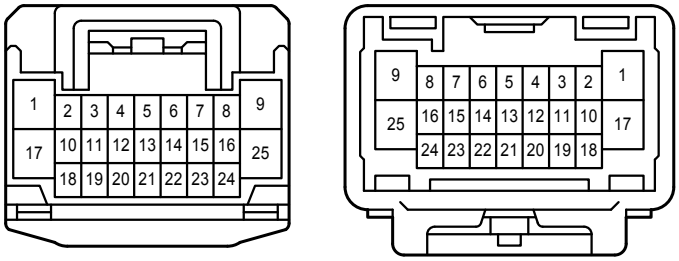
4B
White



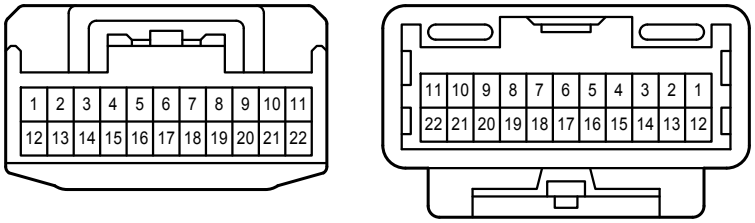
4C
White



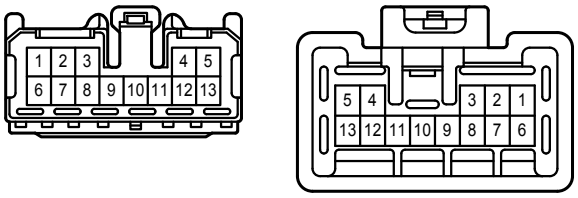
AE3
White



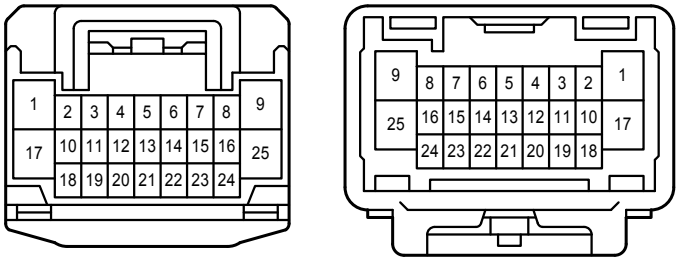
AE6
Gray



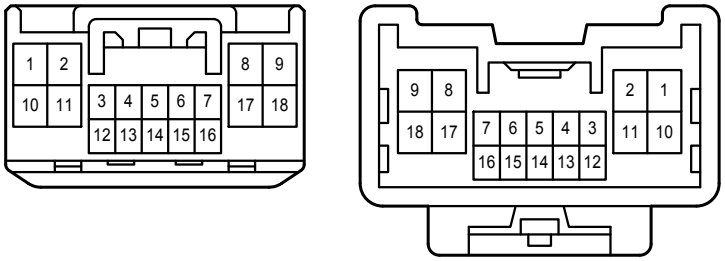
AE7
Blue



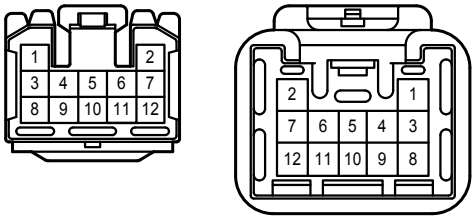
AE10
Gray



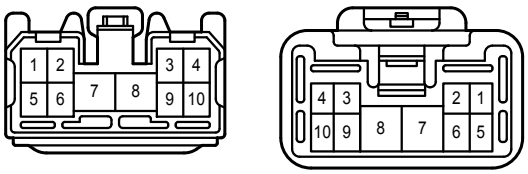
AE11
White



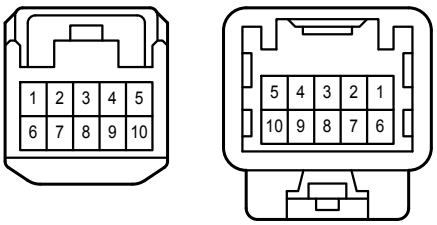
BA1
White

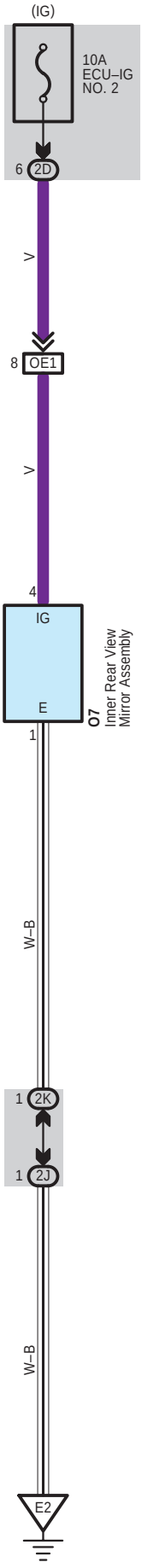


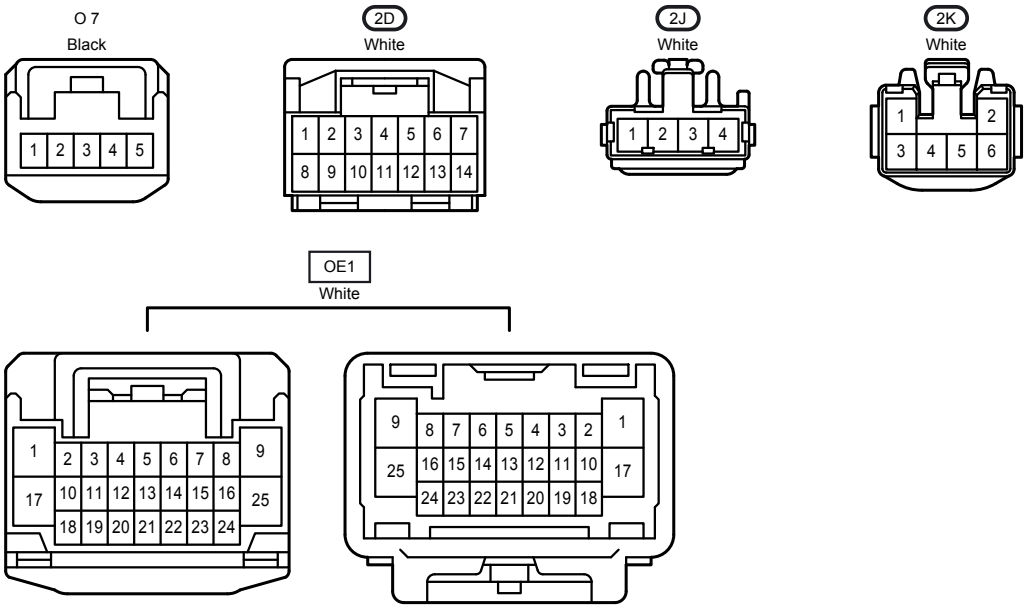
BA2
White



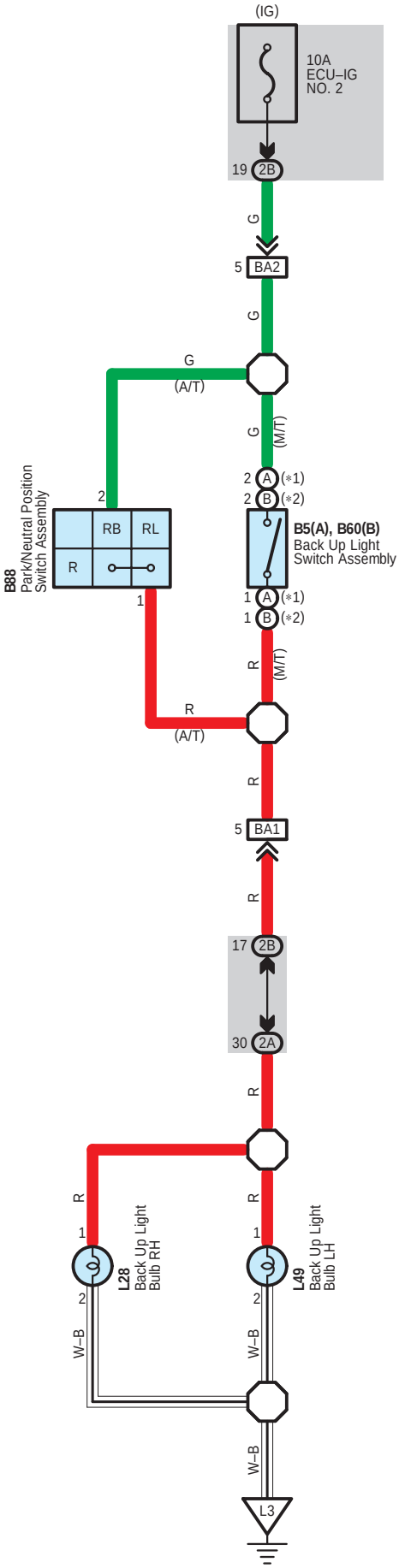
EF1
White



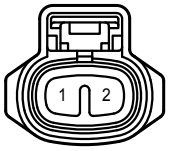

(IG)
10A
ECU–IG
NO. 2
6
2D
V
8
OE1
V
4
IG
E
O7
Inner Rear View
Mirror Assembly
1
W–B
1
2K
1
2J
W–B
E2


O 7
Black
1 2 3 4 5
2D
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
2J
White
1 2 3 4
2K
White
1 2
3 4 5 6
OE1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

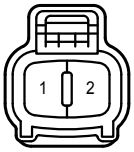
* 1 : 2AZ–FE
* 2 : 2ZR–FE



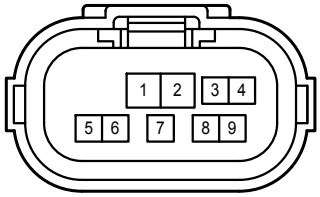
B 5
Gray



B 60
Gray



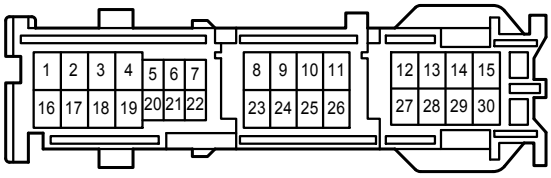
B 88
Gray



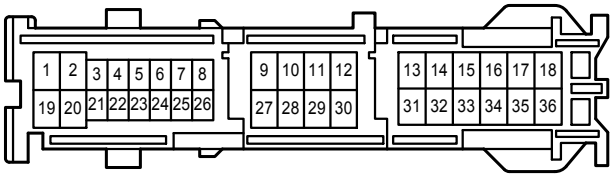
L 28
Gray

L 49
Gray

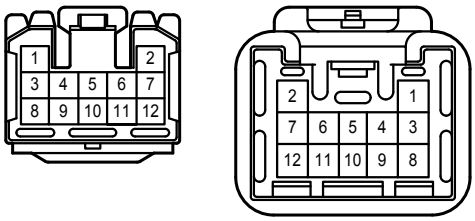
2A
White



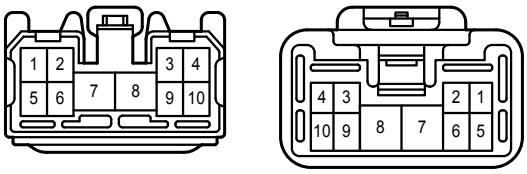
2B
White

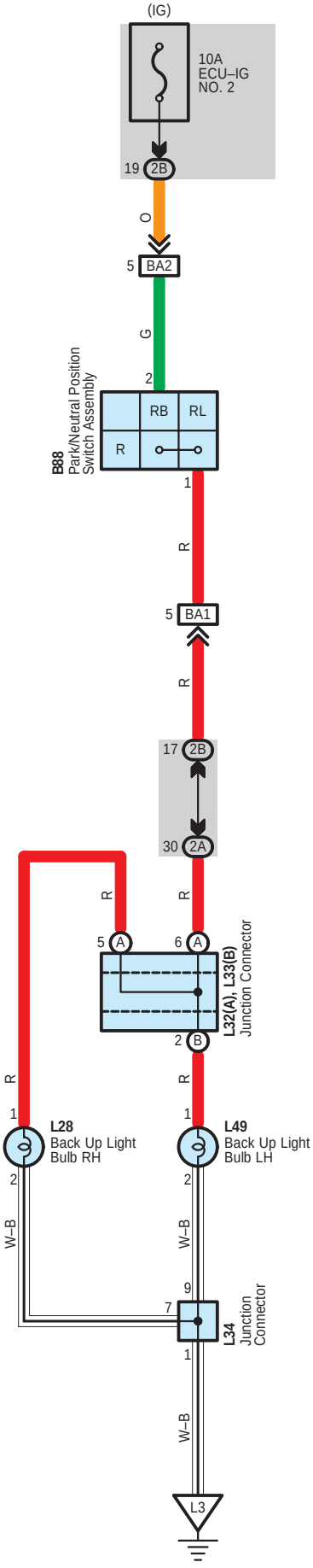


BA1
White

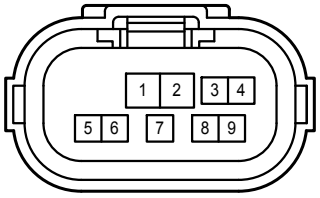


BA2
White



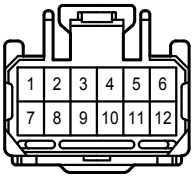

(IG)
10A
ECU–IG
NO. 2
19 2B
O
5 BA2
G
2
B88
Park/Neutral Position
Switch Assembly
RB
RL
R
1
R
5 BA1
R
17 2B
30 2A
R
R
5 A
6 A
L32(A), L33(B)
Junction Connector
2 B
R
R
1
1
L28
Back Up Light
Bulb RH
L49
Back Up Light
Bulb LH
2
2
W–B
W–B
9
7
L34
Junction
Connector
1
W–B
L3

B 88
Gray

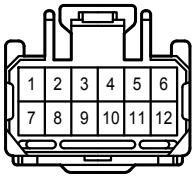


L 28
Gray

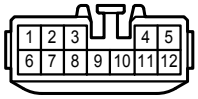
L 32
White



L 33
White

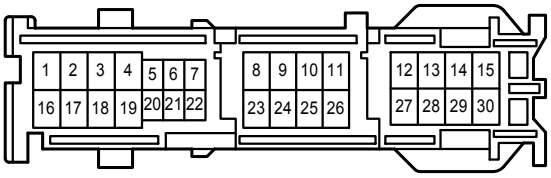


L 34
Blue

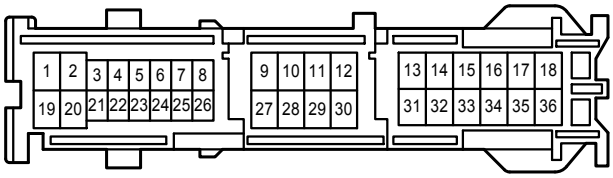


L 49
Gray

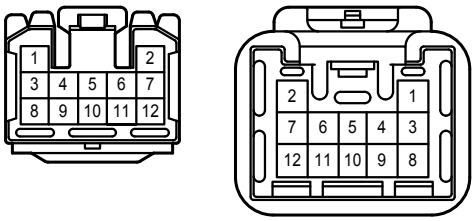
2A
White



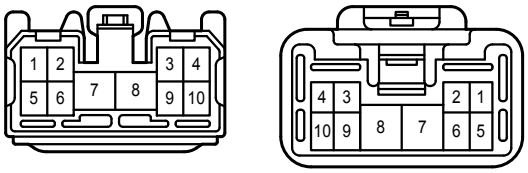
2B
White

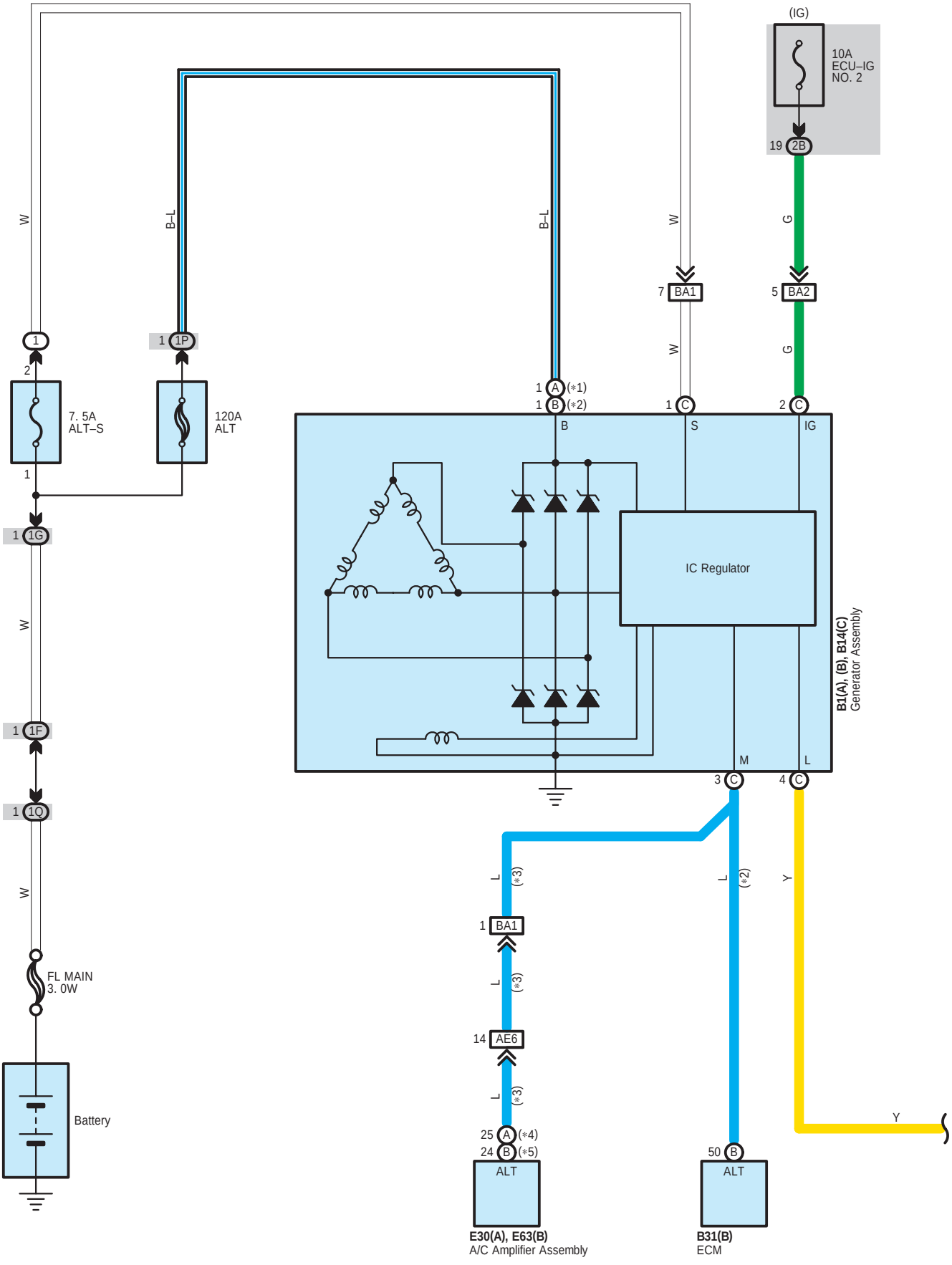


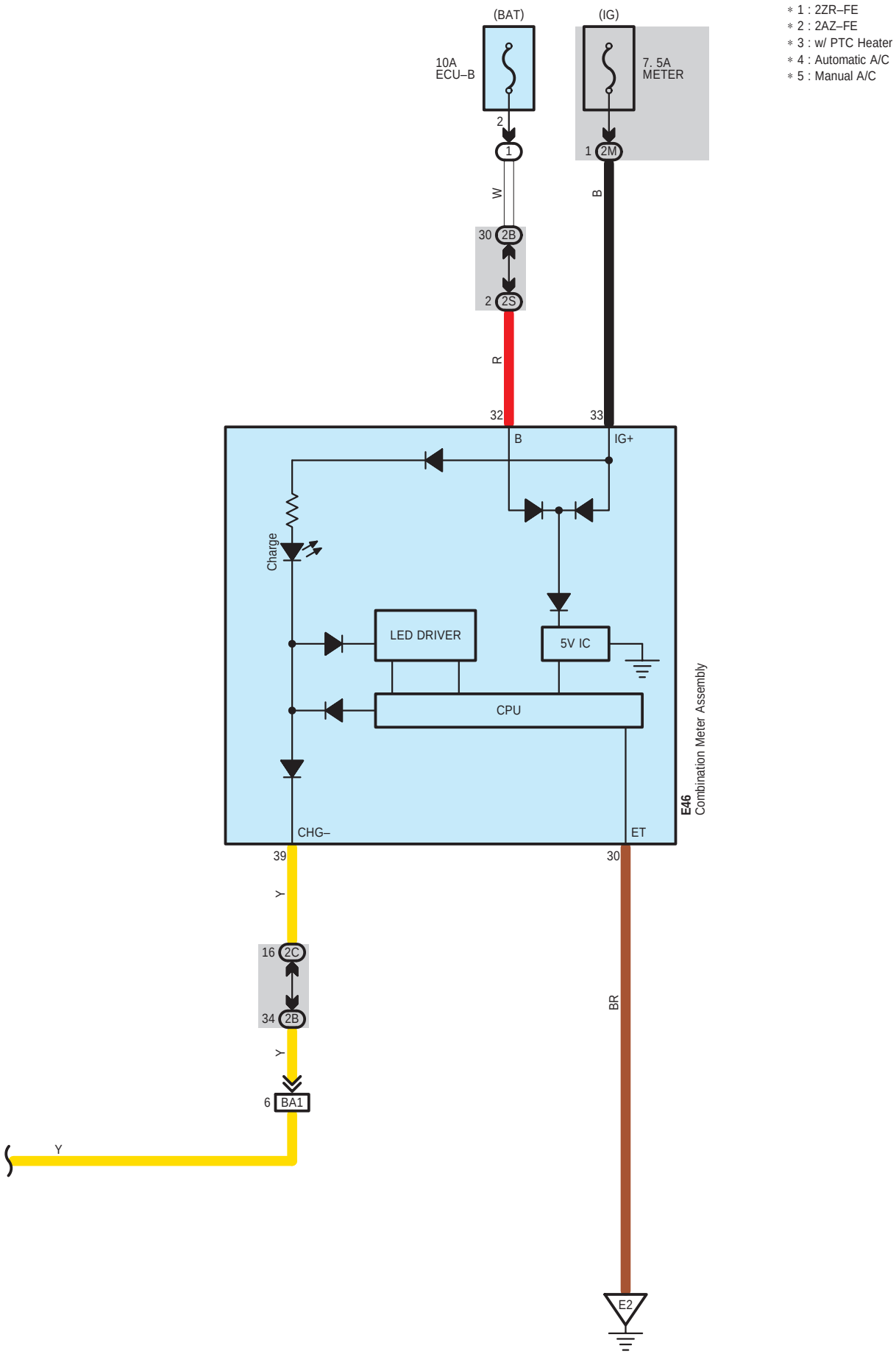
BA1
White



BA2
White

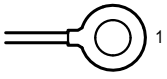



(IG)
10A
ECU–IG
NO. 2
19 2B
G
5 BA2
G
2 C
IG
7 BA1
W
1 C
S
W
B–L
1 A (*1)
1 B (*2)
B
B–L
W
1 1P
1
2
7. 5A
ALT–S
120A
ALT
1
1 1G
W
1 1F
1 1Q
W
FL MAIN
3. 0W
Battery
IC Regulator
B1(A), (B), B14(C)
Generator Assembly
M
3 C
L
4 C
L (*3)
1 BA1
L (*3)
14 AE6
L (*3)
25 A (*4)
24 B (*5)
ALT
E30(A), E63(B)
A/C Amplifier Assembly
L (*2)
50 B
ALT
B31(B)
ECM
Y
Y



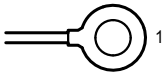
* 1 : 2ZR–FE
* 2 : 2AZ–FE
* 3 : w/ PTC Heater
* 4 : Automatic A/C
* 5 : Manual A/C

B 1



(2AZ-FE)

B 1



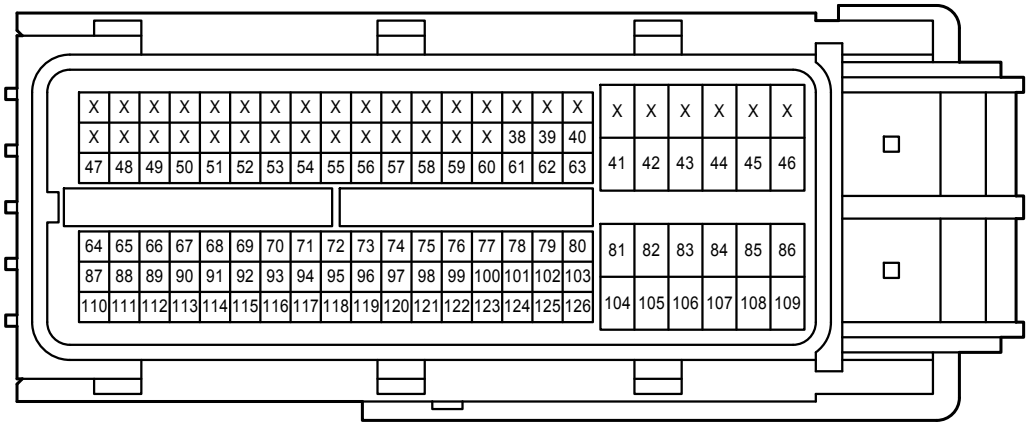
(2ZR-FE)

B 14

Black

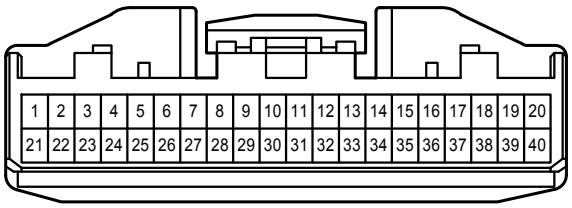
B 31

Black



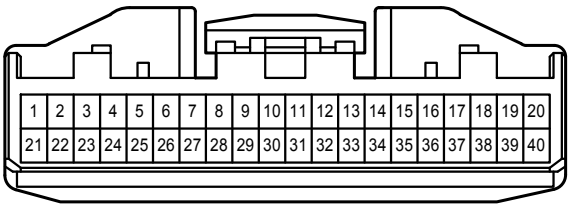
E 30

White



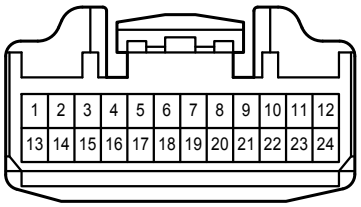
E 46

White



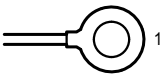
E 63

White

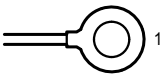


1F

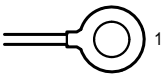
Black



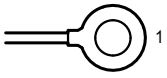
1G



1P

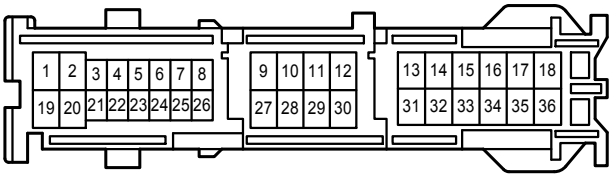


1Q



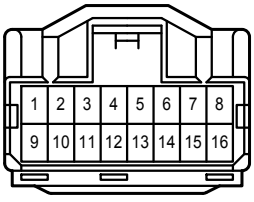
2B

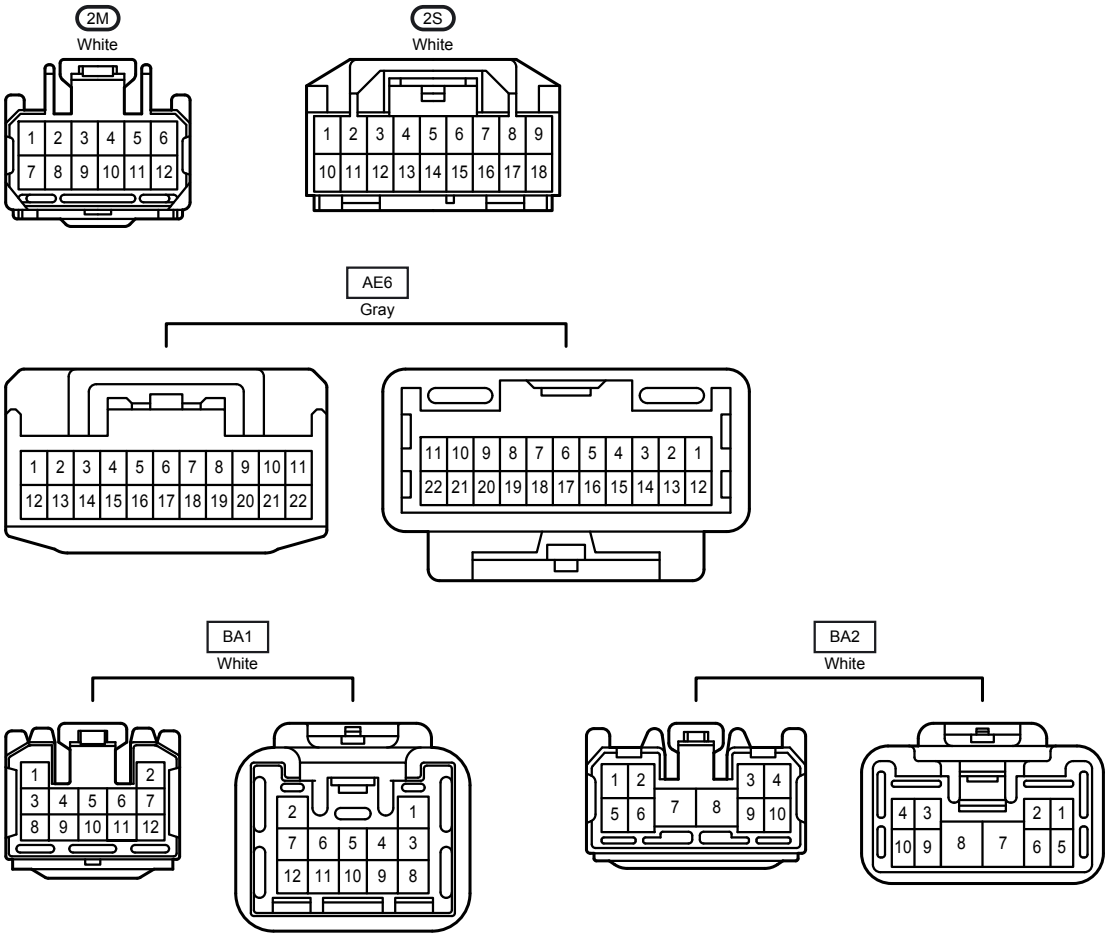
White

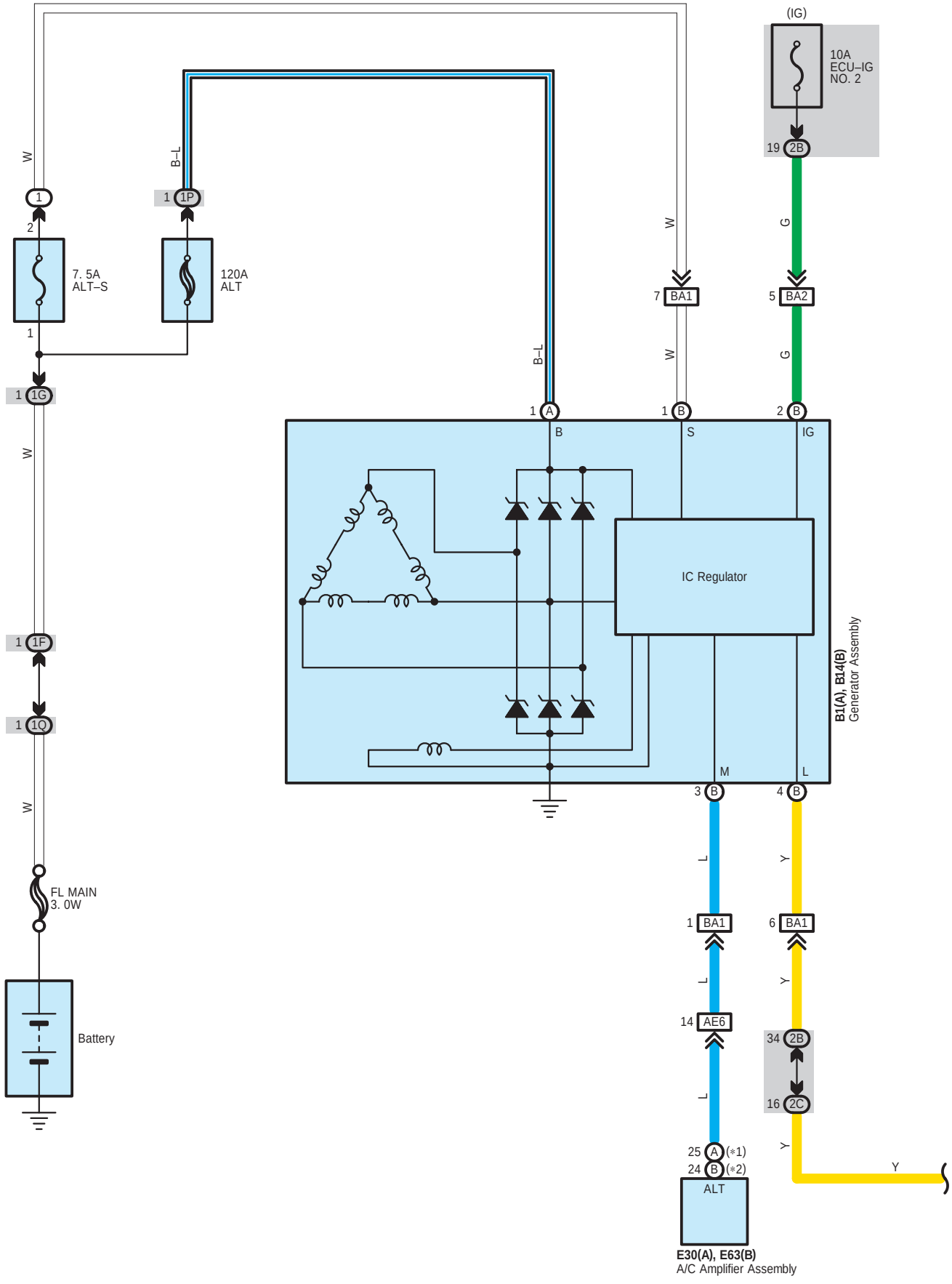


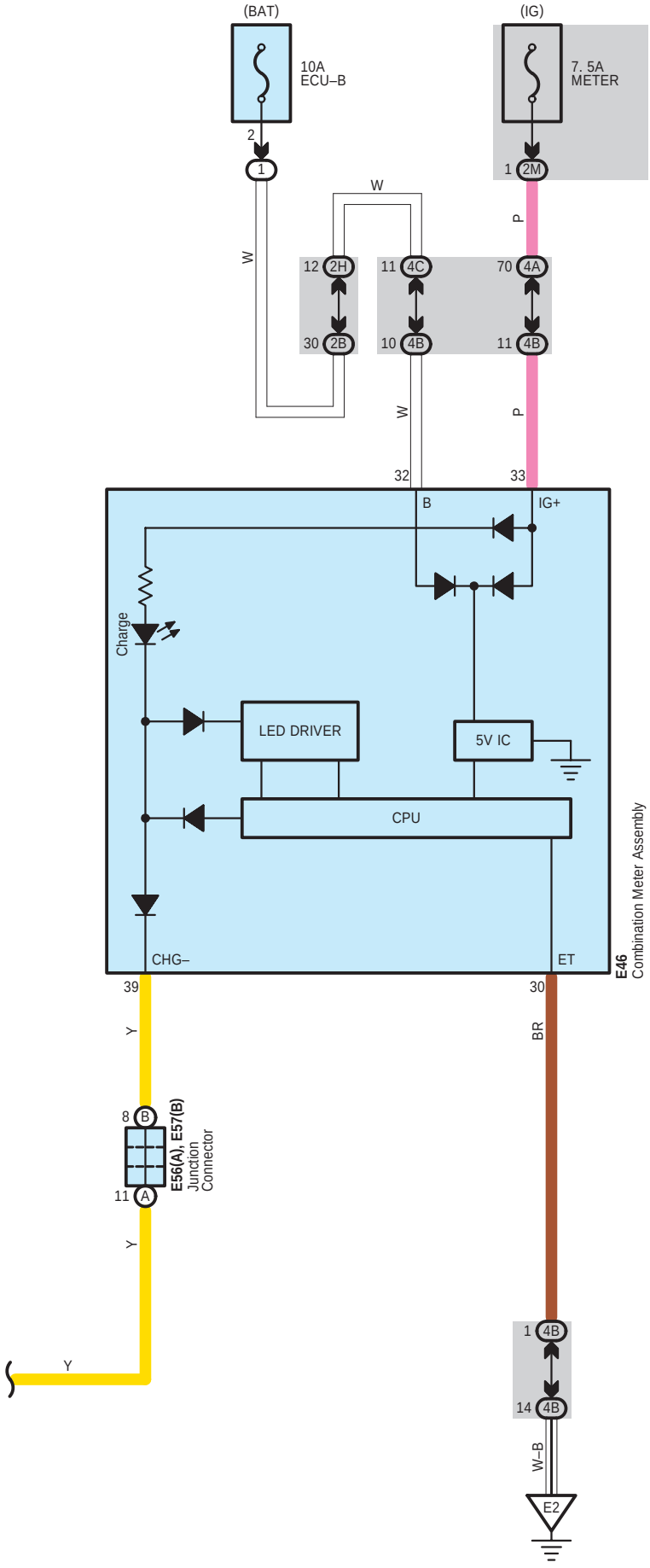
2C

White



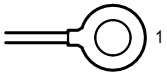

2M
White
1 2 3 4 5 6
7 8 9 10 11 12
2S
White
1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18
AE6
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12
BA1
White
1 2
3 4 5 6 7
8 9 10 11 12
2 1
7 6 5 4 3
12 11 10 9 8
BA2
White
1 2 3 4
5 6 7 8 9 10
4 3 2 1
10 9 8 7 6 5


(IG)
10A
ECU–IG
NO. 2
19 2B
G
5 BA2
G
2 B
IG
W
1
2
7. 5A
ALT–S
1
1 1G
W
1 1F
1 1Q
W
FL MAIN
3. 0W
Battery
B–L
1 1P
120A
ALT
W
7 BA1
W
1 B
S
B–L
1 A
B
IC Regulator
B1(A), B14(B)
Generator Assembly
M
L
3 B
4 B
L
Y
1 BA1
6 BA1
L
Y
14 AE6
34 2B
16 2C
L
Y
25 A (*1)
24 B (*2)
ALT
Y
E30(A), E63(B)
A/C Amplifier Assembly



∗ 1 : Automatic A/C
∗ 2 : Manual A/C

B 1



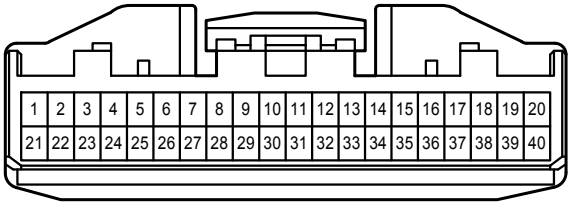
(2ZR-FE)

B 14

Black

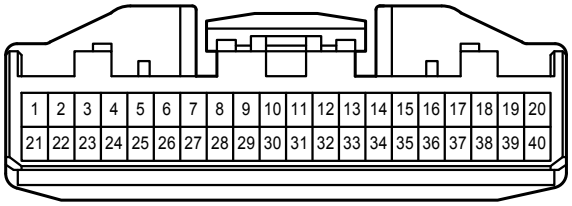
E 30

White



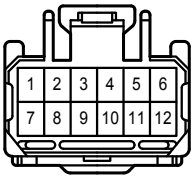
E 46

White



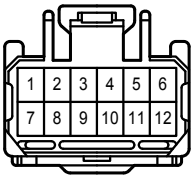
E 56

White



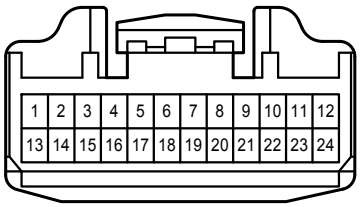
E 57

White



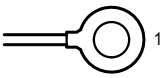
E 63

White

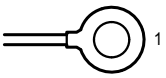


1F

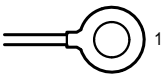
Black



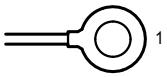
1G



1P

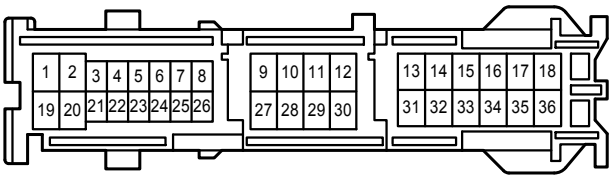


1Q



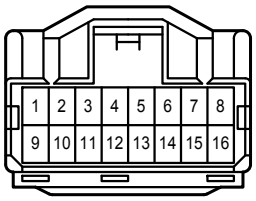
2B

White



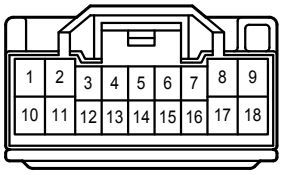
2C

White



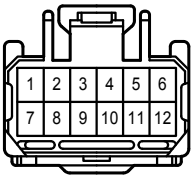
2H

White



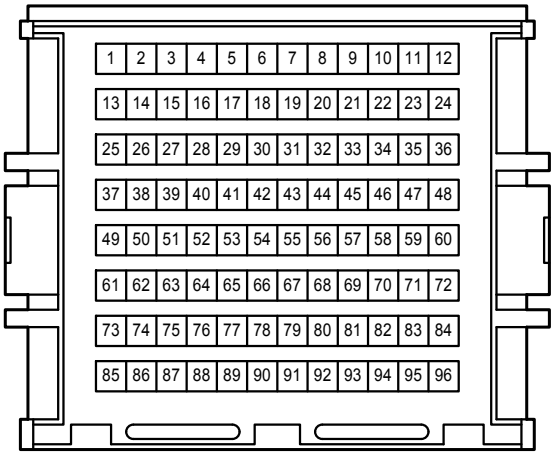
2M

White

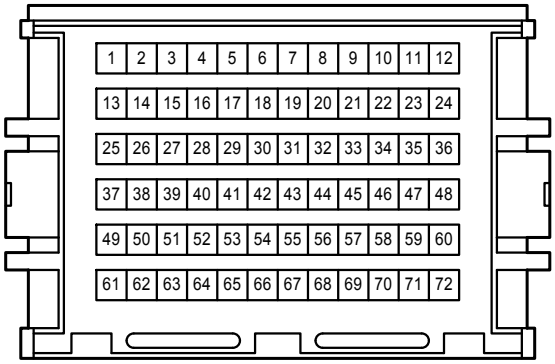


4A

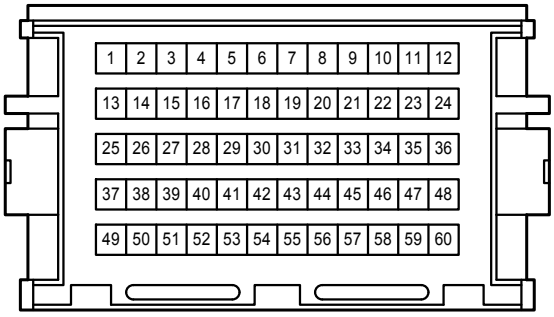
White



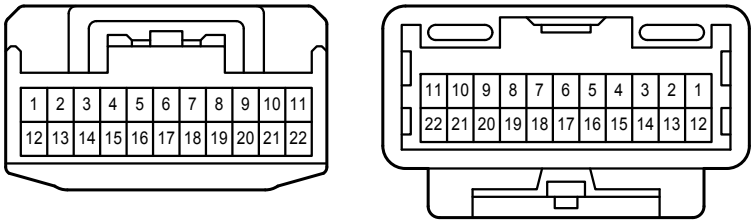
4B
White



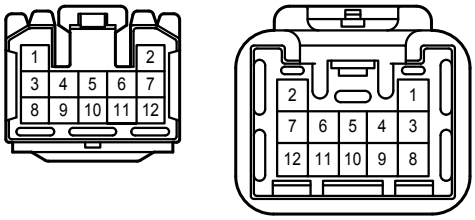
4C
White



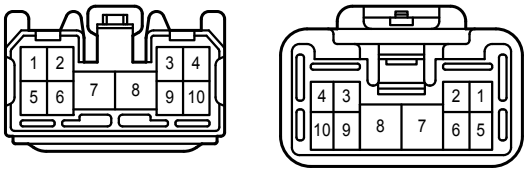
AE6
Gray

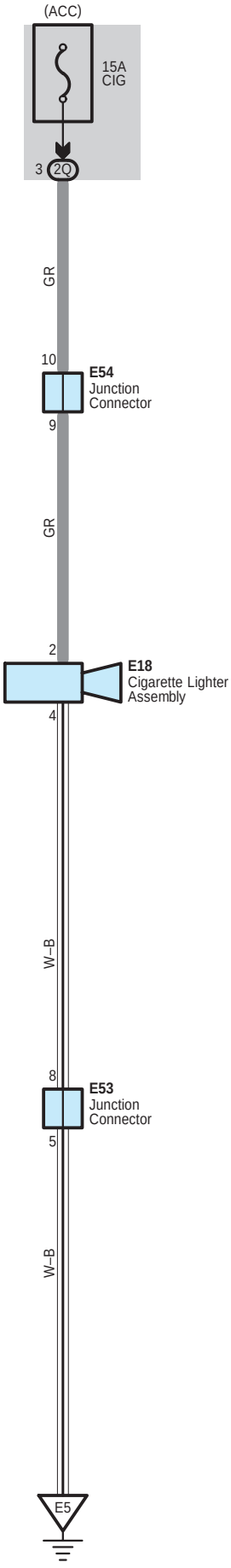


BA1
White

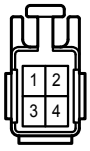


BA2
White

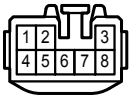



(ACC)
15A
CIG
3
2Q
GR
10
E54
Junction
Connector
9
GR
2
E18
Cigarette Lighter
Assembly
4
W–B
8
E53
Junction
Connector
5
W–B
E5

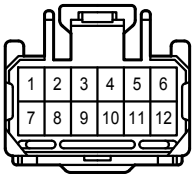
E 18
Blue



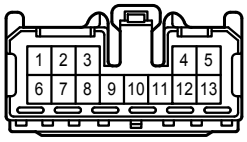
E 53
White

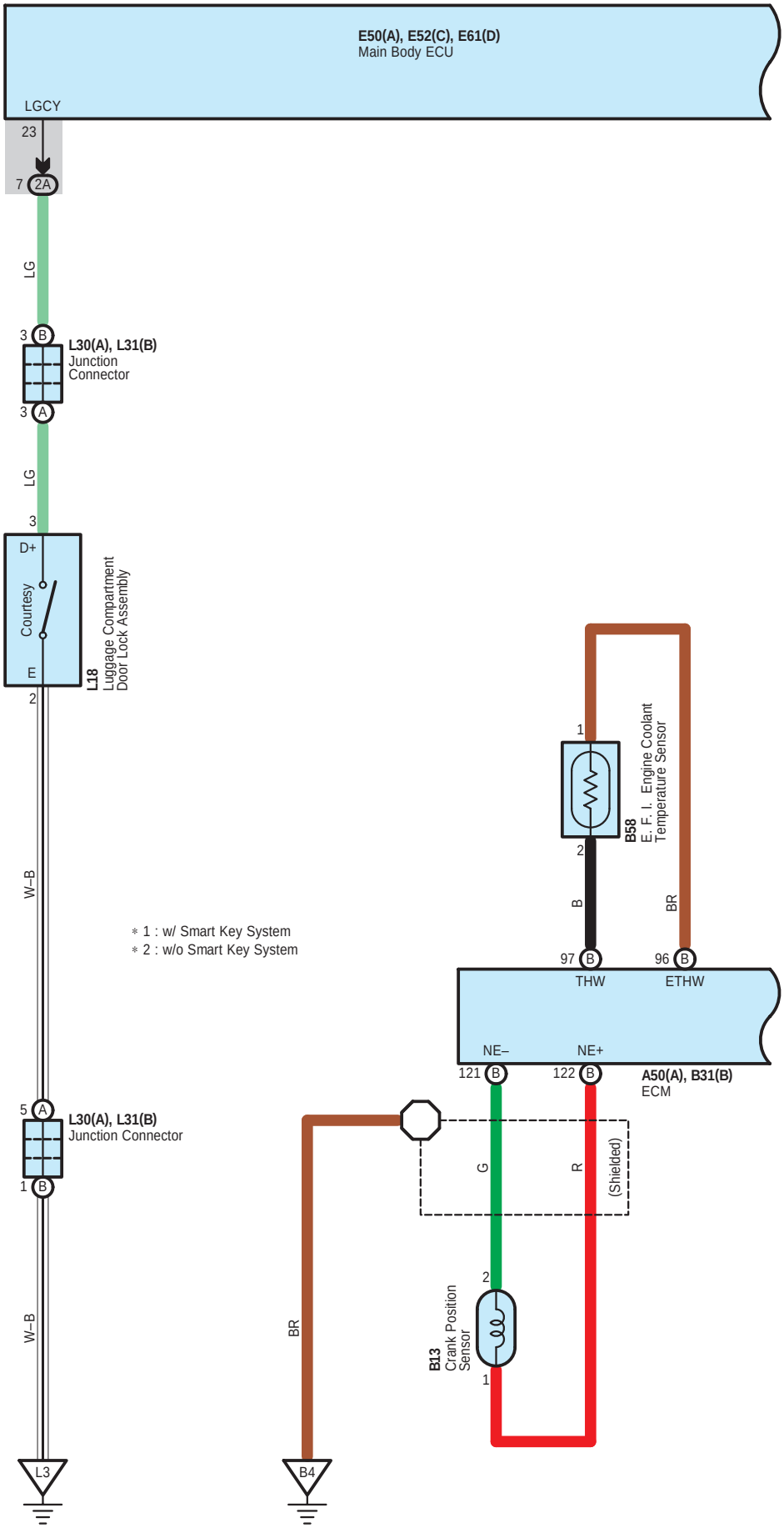


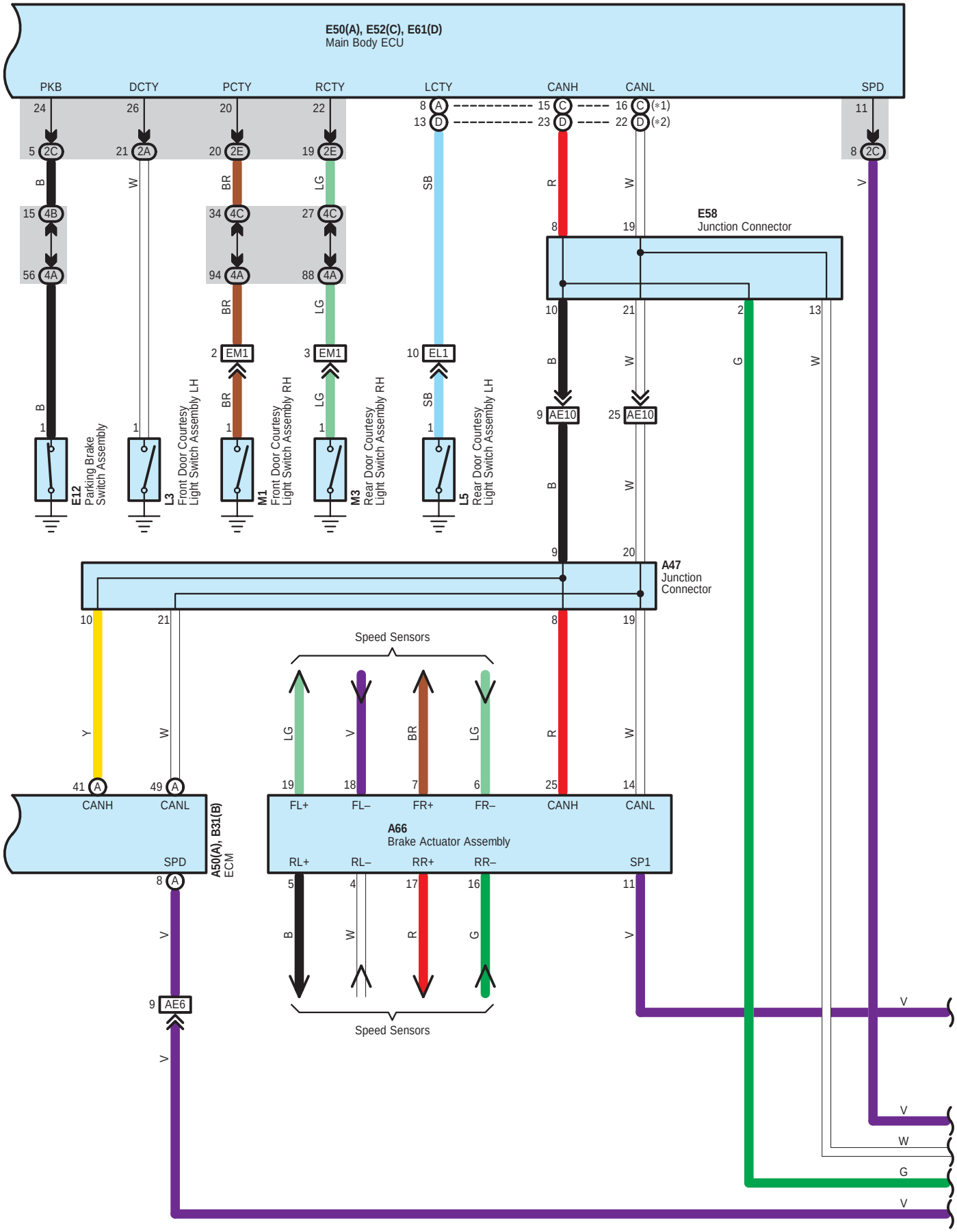
E 54
White

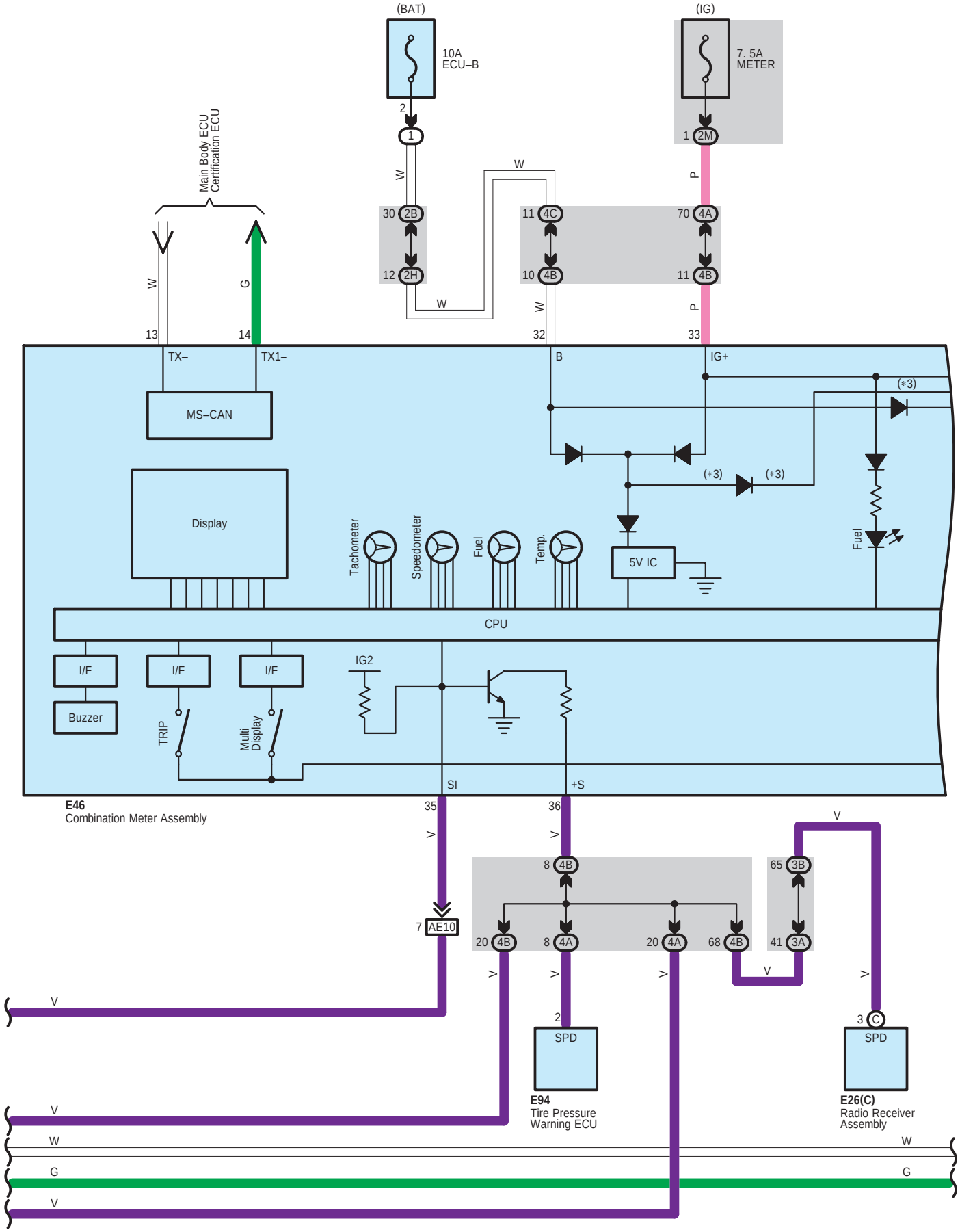


2Q
White

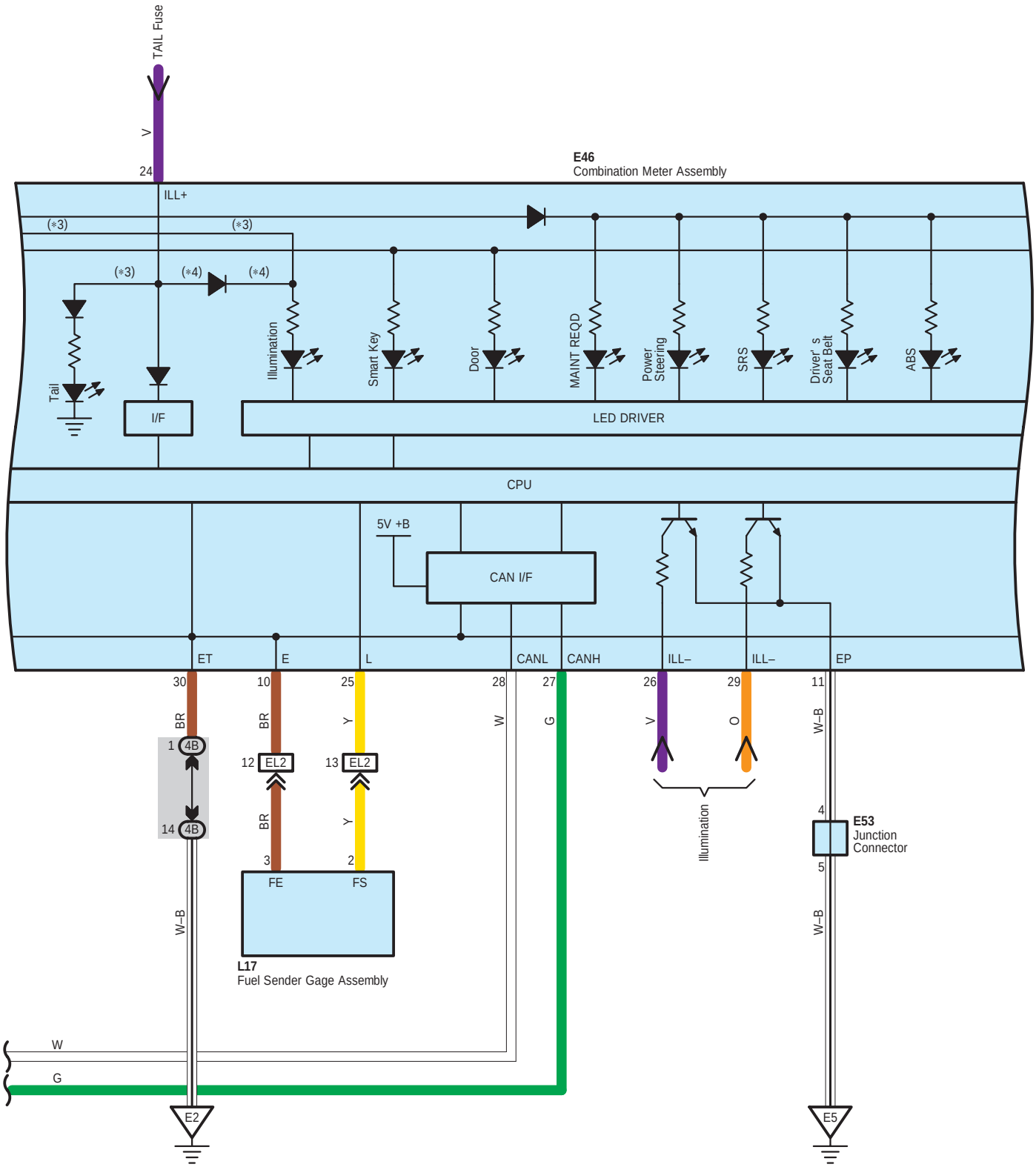


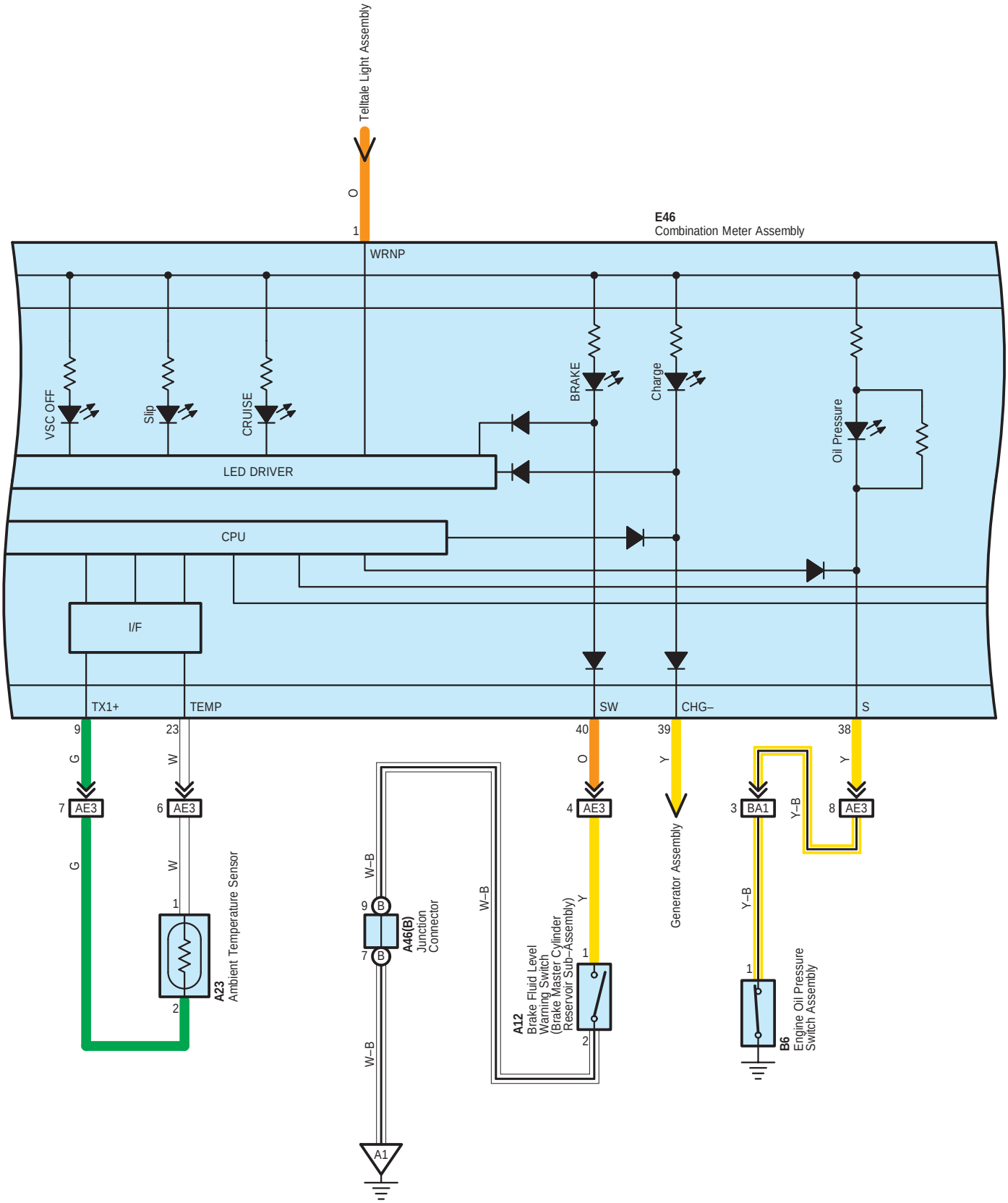

E50(A), E52(C), E61(D)
Main Body ECU
LGCY
23
7 2A
LG
3 B
L30(A), L31(B)
Junction
Connector
3 A
LG
3
D+
Courtesy
E
L18
Luggage Compartment
Door Lock Assembly
2
W–B
5 A
L30(A), L31(B)
Junction Connector
1 B
W–B
L3
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System
1
2
B58
E. F. I. Engine Coolant
Temperature Sensor
B
BR
97 B
96 B
THW
ETHW
NE–
NE+
121 B
122 B
A50(A), B31(B)
ECM
G
R
(Shielded)
2
B13
Crank Position
Sensor
1
BR
B4

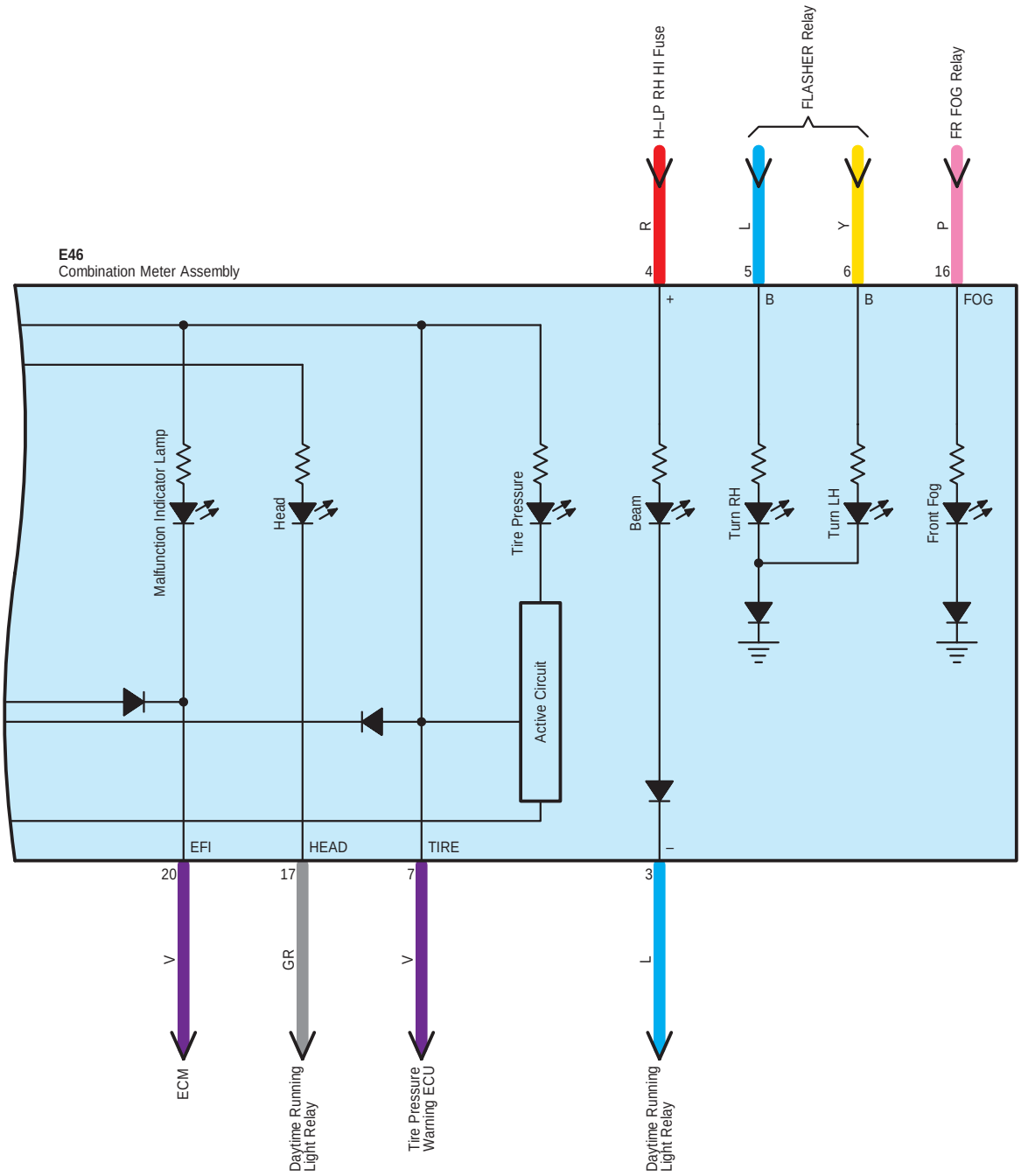

E50(A), E52(C), E61(D)
Main Body ECU
PKB
DCTY
PCTY
RCTY
LCTY
CANH
CANL
SPD
E12
Parking Brake
Switch Assembly
L3
Front Door Courtesy
Light Switch Assembly LH
M1
Front Door Courtesy
Light Switch Assembly RH
M3
Rear Door Courtesy
Light Switch Assembly RH
L5
Rear Door Courtesy
Light Switch Assembly LH
E58
Junction Connector
A47
Junction
Connector
Speed Sensors
A66
Brake Actuator Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
A50(A), B31(B)
ECM
AE10
AE6
EM1
EL1


(BAT)
10A
ECU–B
2
1
W
30 2B
12 2H
W
W
11 4C
10 4B
W
32
(IG)
7. 5A
METER
1 2M
P
70 4A
11 4B
P
33
Main Body ECU
Certification ECU
W
13
G
14
TX–
TX1–
MS–CAN
B
IG+
(*3)
(*3)
(*3)
Display
Tachometer
Speedometer
Fuel
Temp.
5V IC
Fuel
CPU
I/F
Buzzer
I/F
TRIP
I/F
Multi
Display
IG2
SI
+S
E46
Combination Meter Assembly
35
36
V
V
8 4B
7 AE10
20 4B
8 4A
20 4A
68 4B
65 3B
41 3A
V
V
V
V
V
2
SPD
E94
Tire Pressure
Warning ECU
3 C
SPD
E26(C)
Radio Receiver
Assembly
V
V
W
W
G
G
V

∗ 3 : Optitron Meter
∗ 4 : Except Optitron Meter



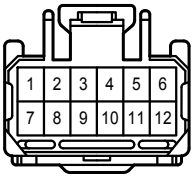

Telltale Light Assembly
O
1
E46
Combination Meter Assembly
WRNP
VSC OFF
Slip
CRUISE
BRAKE
Charge
Oil Pressure
LED DRIVER
CPU
I/F
TX1+
TEMP
SW
CHG–
S
9
G
7
AE3
23
W
6
AE3
40
O
4
AE3
39
Y
38
Y
3
BA1
Y–B
8
AE3
Generator Assembly
G
W
1
2
A23
Ambient Temperature Sensor
W–B
9
B
7
B
A46(B)
Junction
Connector
W–B
A12
Brake Fluid Level
Warning Switch
(Brake Master Cylinder
Reservoir Sub–Assembly)
Y
1
2
Y–B
1
B6
Engine Oil Pressure
Switch Assembly
W–B
A1


E46
Combination Meter Assembly
H–LP RH HI Fuse
FLASHER Relay
FR FOG Relay
R
L
Y
P
4
5
6
16
+
B
B
FOG
Malfunction Indicator Lamp
Head
Tire Pressure
Beam
Turn RH
Turn LH
Front Fog
Active Circuit
EFI
HEAD
TIRE
–
20
17
7
3
V
GR
V
L
ECM
Daytime Running Light Relay
Tire Pressure Warning ECU
Daytime Running Light Relay

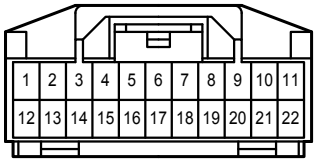
A 12
Gray

A 23
Black

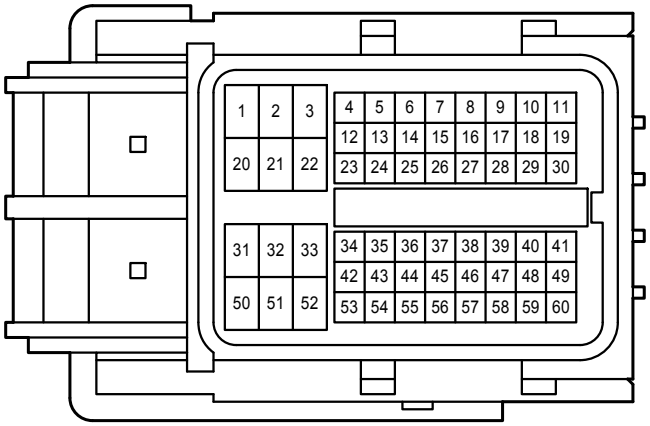
A 46
White



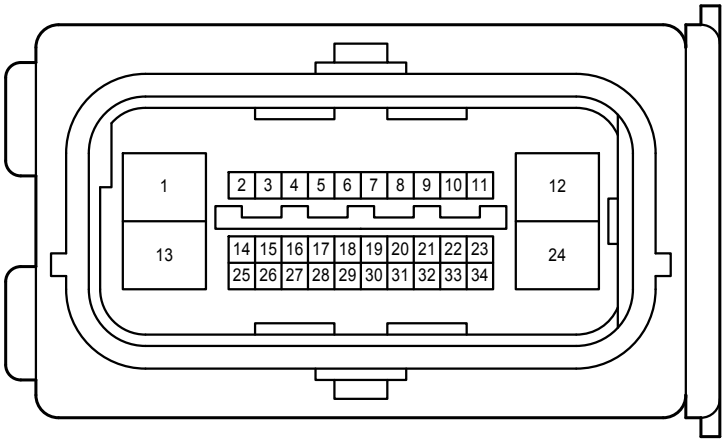
A 47
White



A 50
Black

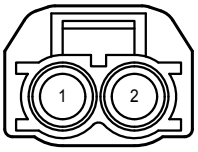


A 66
Black

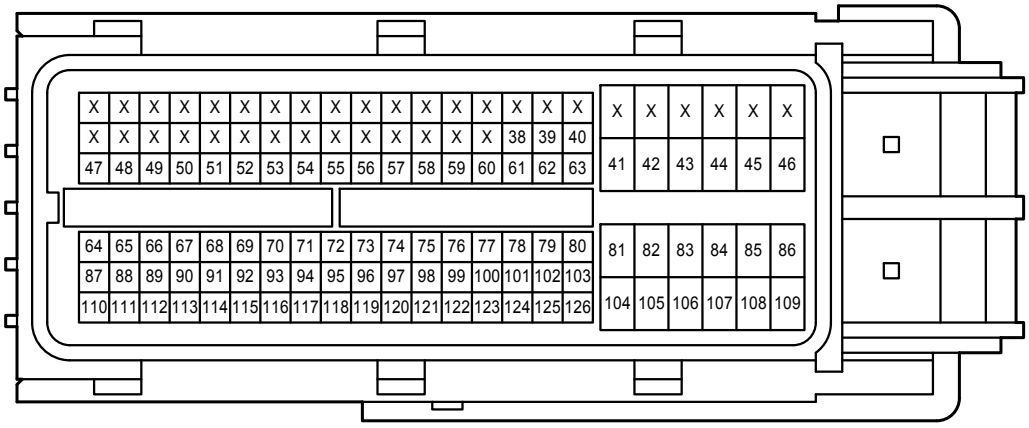


B 6
Gray

B 13
Black



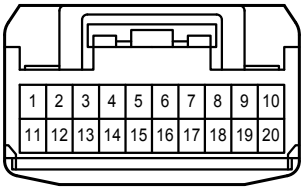
B 31
Black



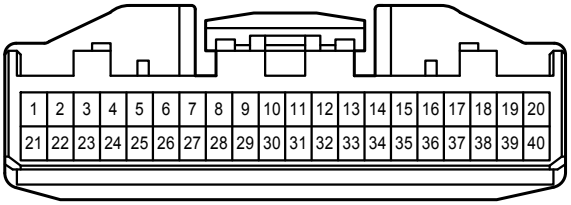
B 58
Gray

E 12
White

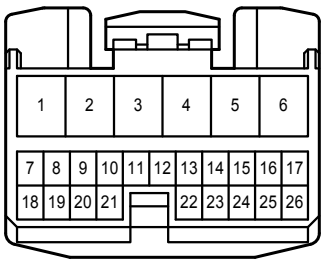
E 26
White



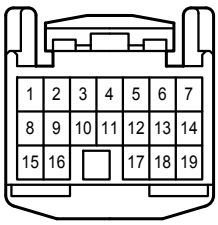
E 46
White



E 50
White

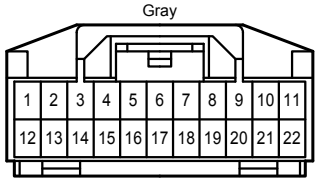


E 52
White

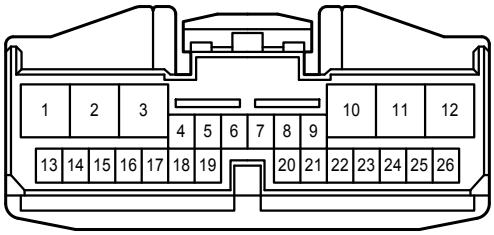


E 53
White

E 58
Gray



E 61
White



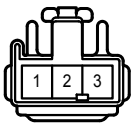
E 94
Black

L 3
Black

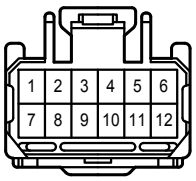
L 5
Black

L 17
White

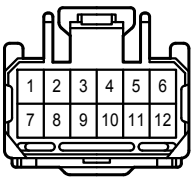
L 18
Black



L 30
White



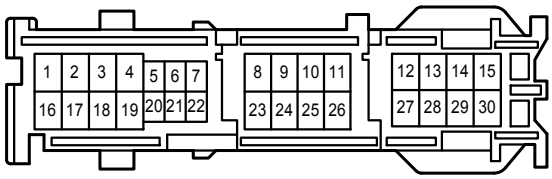
L 31
White



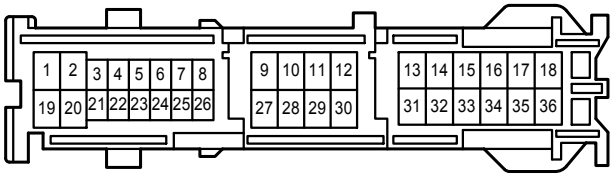
M 1
Black

M 3
Black

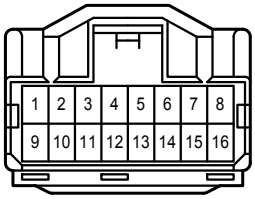
2A
White



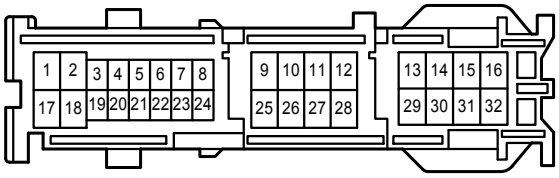
2B
White



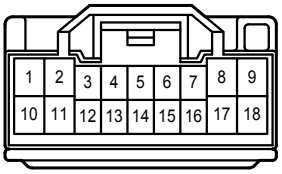
2C
White



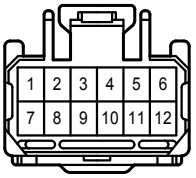
2E
White



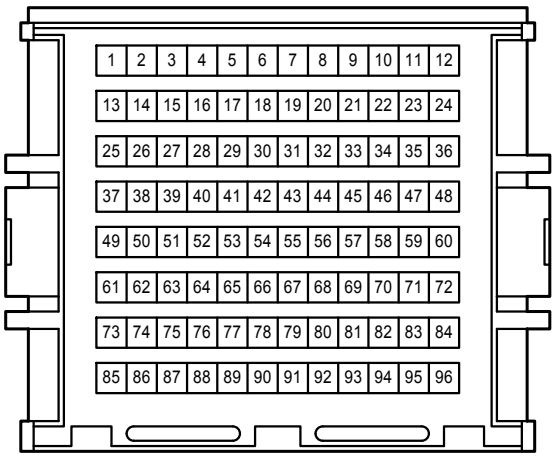
2H
White



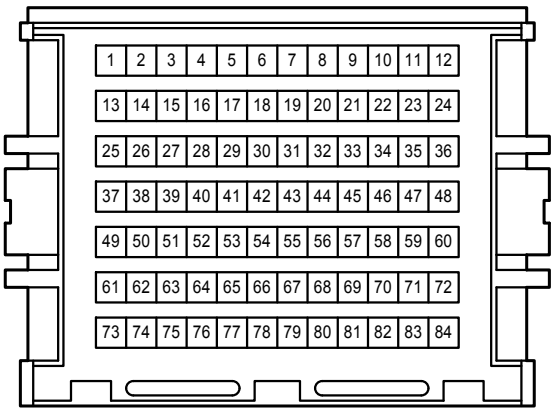
2M
White



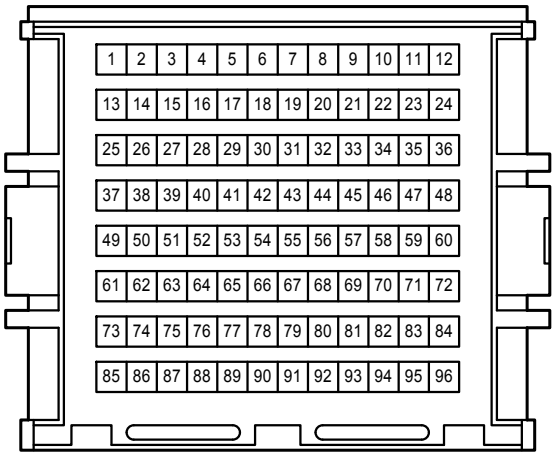
3A
White



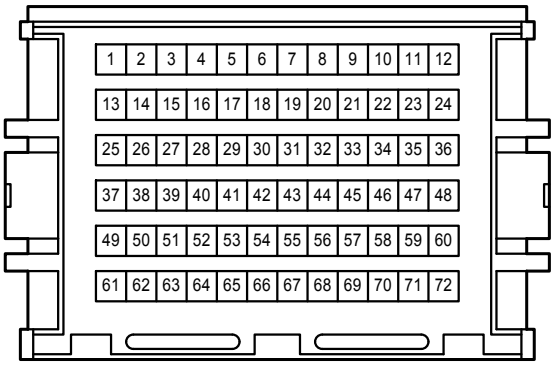
3B
White



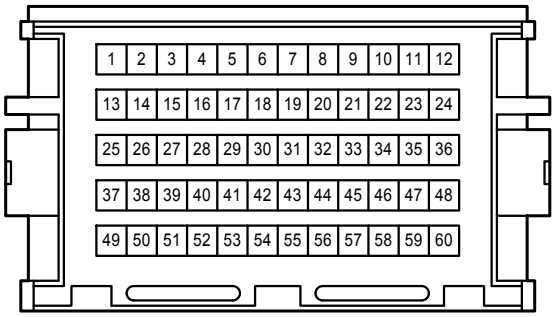
4A
White



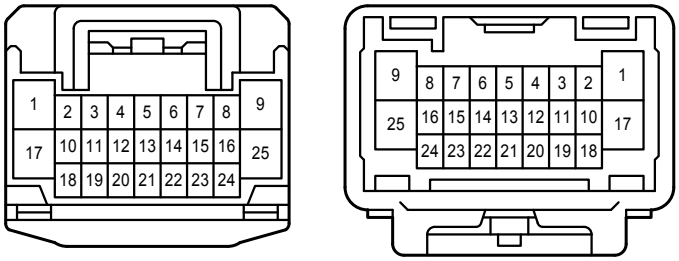
4B
White



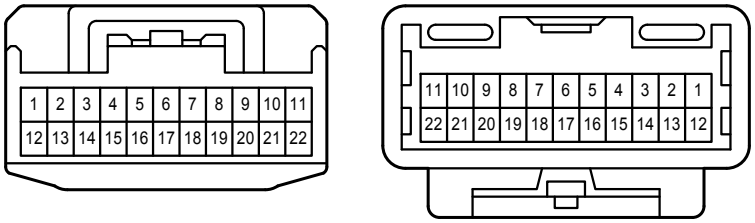
4C
White



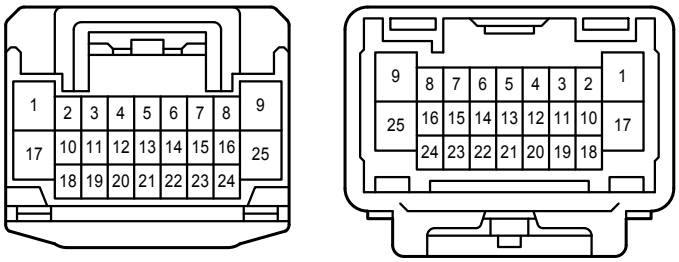
AE3
White



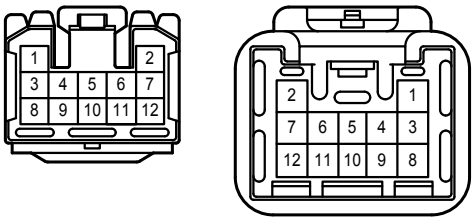
AE6
Gray



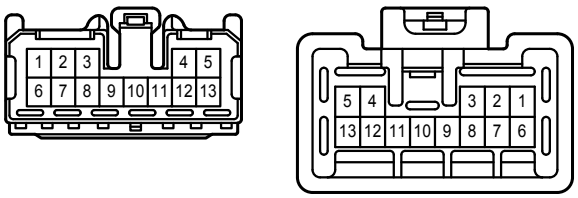
AE10
Gray



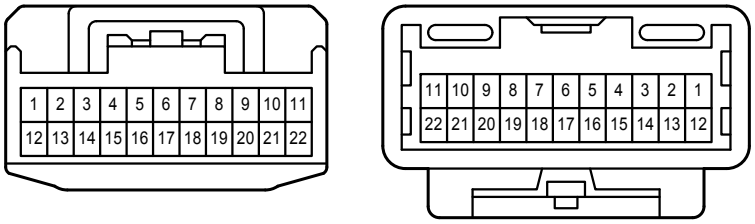
BA1
White

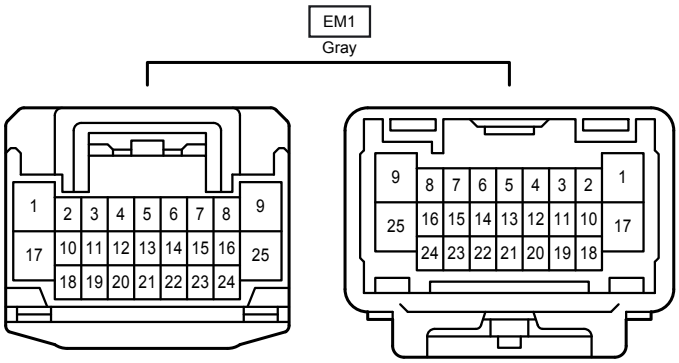


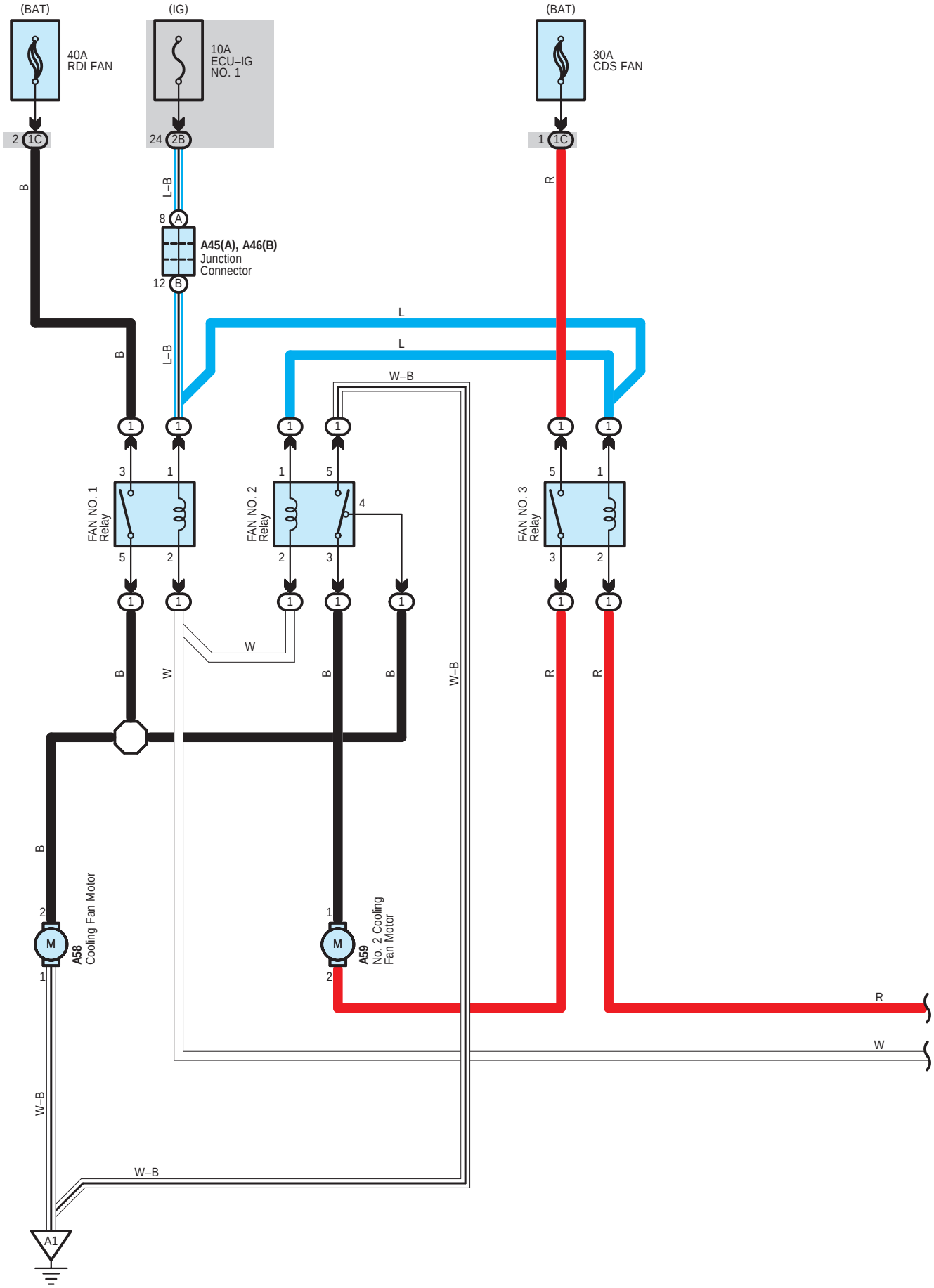
EL1
White



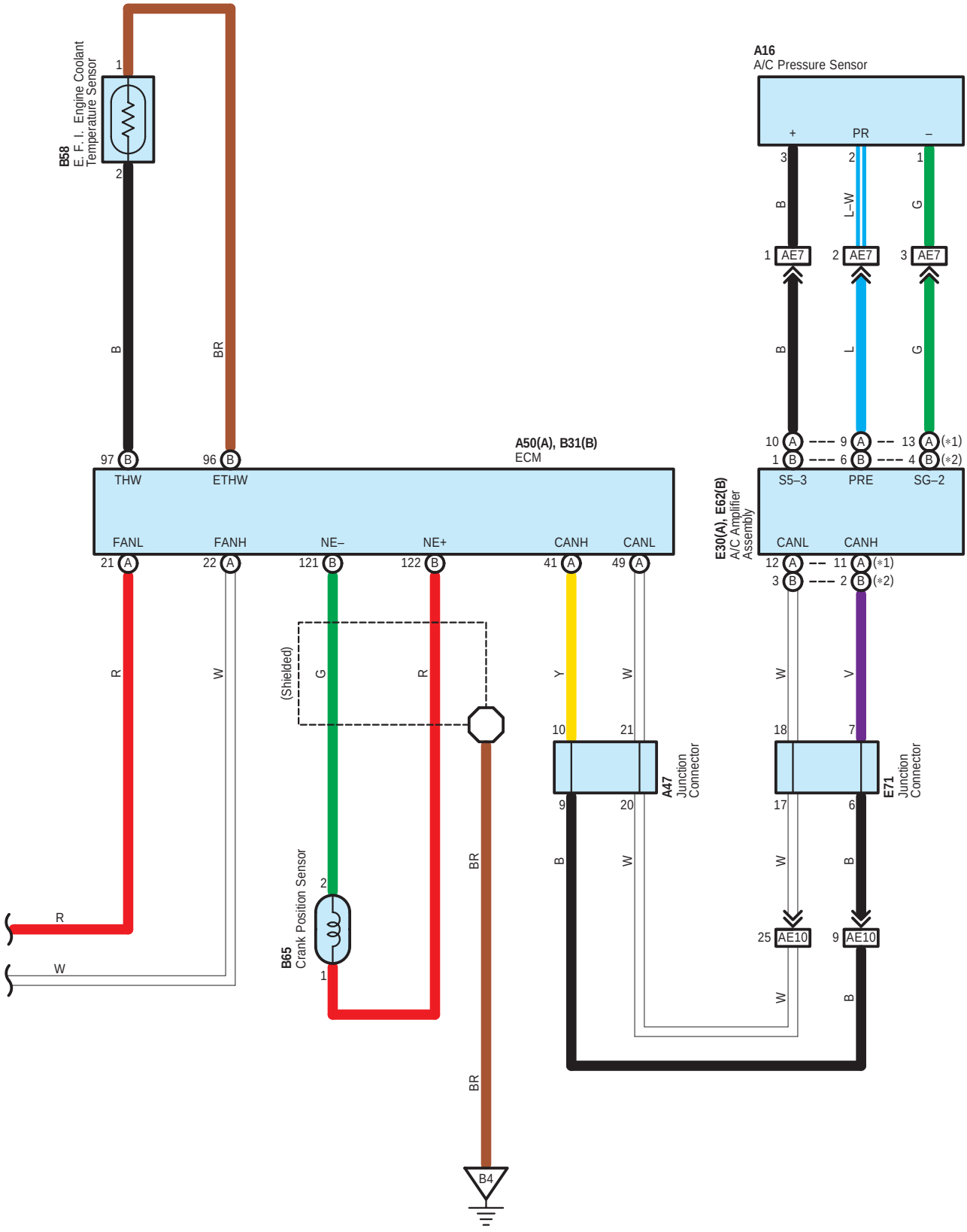
EL2
White



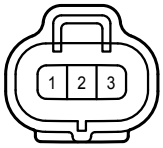

EM1
Gray
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
5
4
3
2
1
25
16
15
14
13
12
11
10
17
24
23
22
21
20
19
18


(BAT)
(IG)
(BAT)
40A
RDI FAN
10A
ECU–IG
NO. 1
30A
CDS FAN
2 1C
24 2B
1 1C
B
L–B
R
8 A
A45(A), A46(B)
Junction
Connector
12 B
L
L
W–B
B
L–B
FAN NO. 1
Relay
FAN NO. 2
Relay
FAN NO. 3
Relay
W
B
W
B
B
W–B
R
R
B
A58
Cooling Fan Motor
A59
No. 2 Cooling
Fan Motor
R
W
W–B
W–B
A1

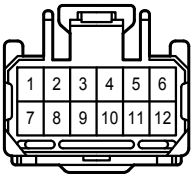
∗ 1 : Automatic A/C
∗ 2 : Manual A/C



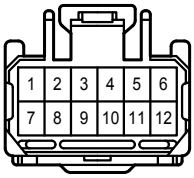
A 16
Black



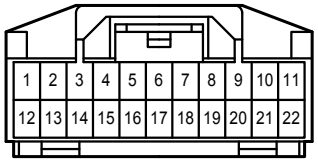
A 45
White



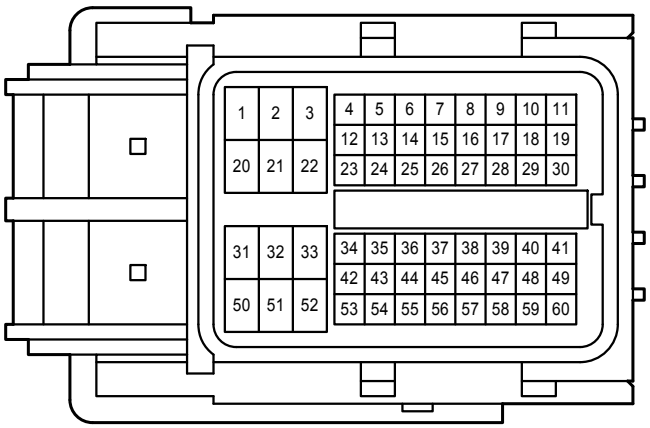
A 46
White



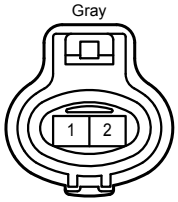
A 47
White



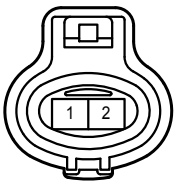
A 50
Black



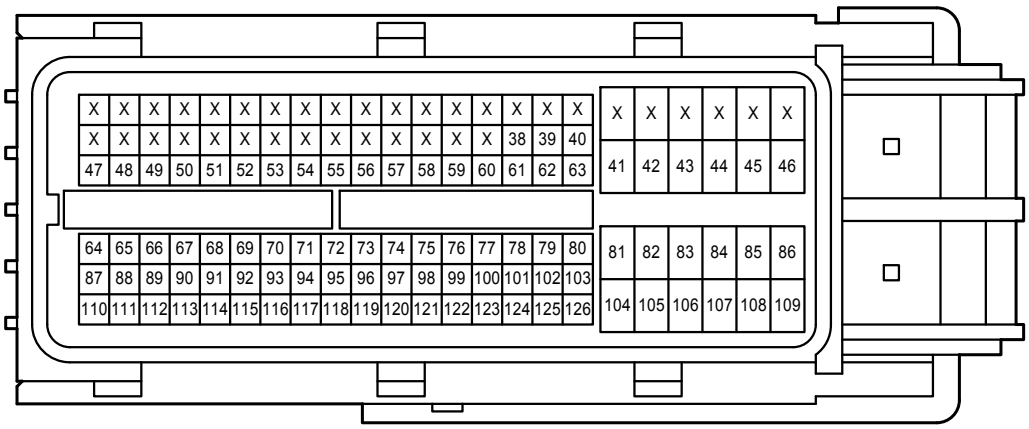
A 58
Gray



A 59
Black



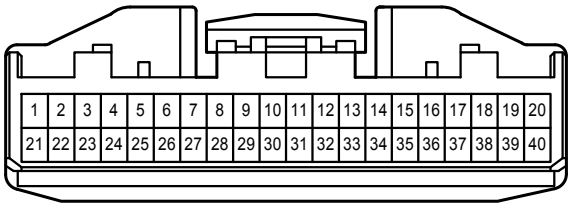
B 31
Black



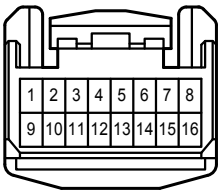
B 58
Gray

B 65
Gray

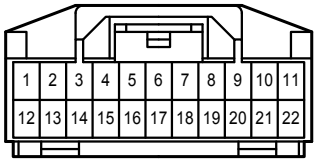
E 30
White



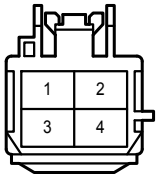
E 62
White



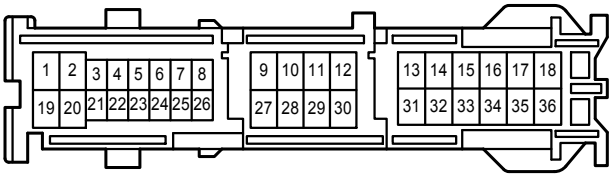
E 71
White

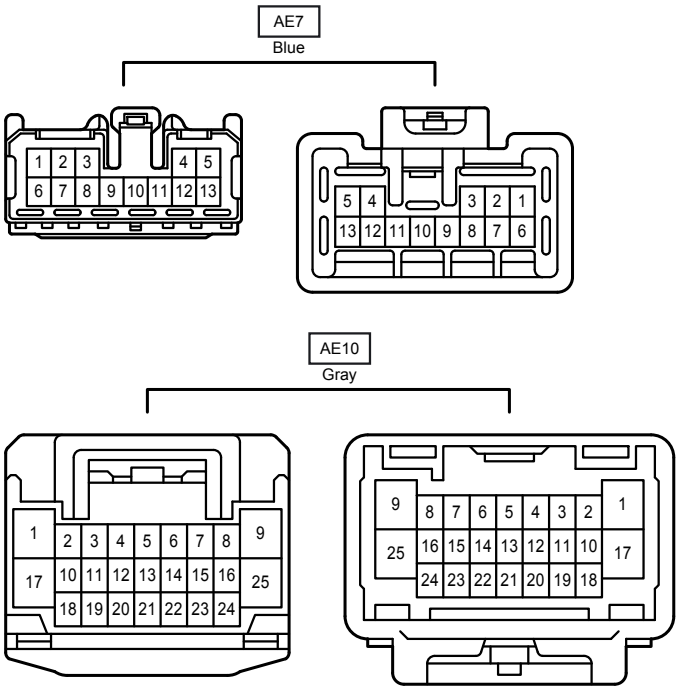


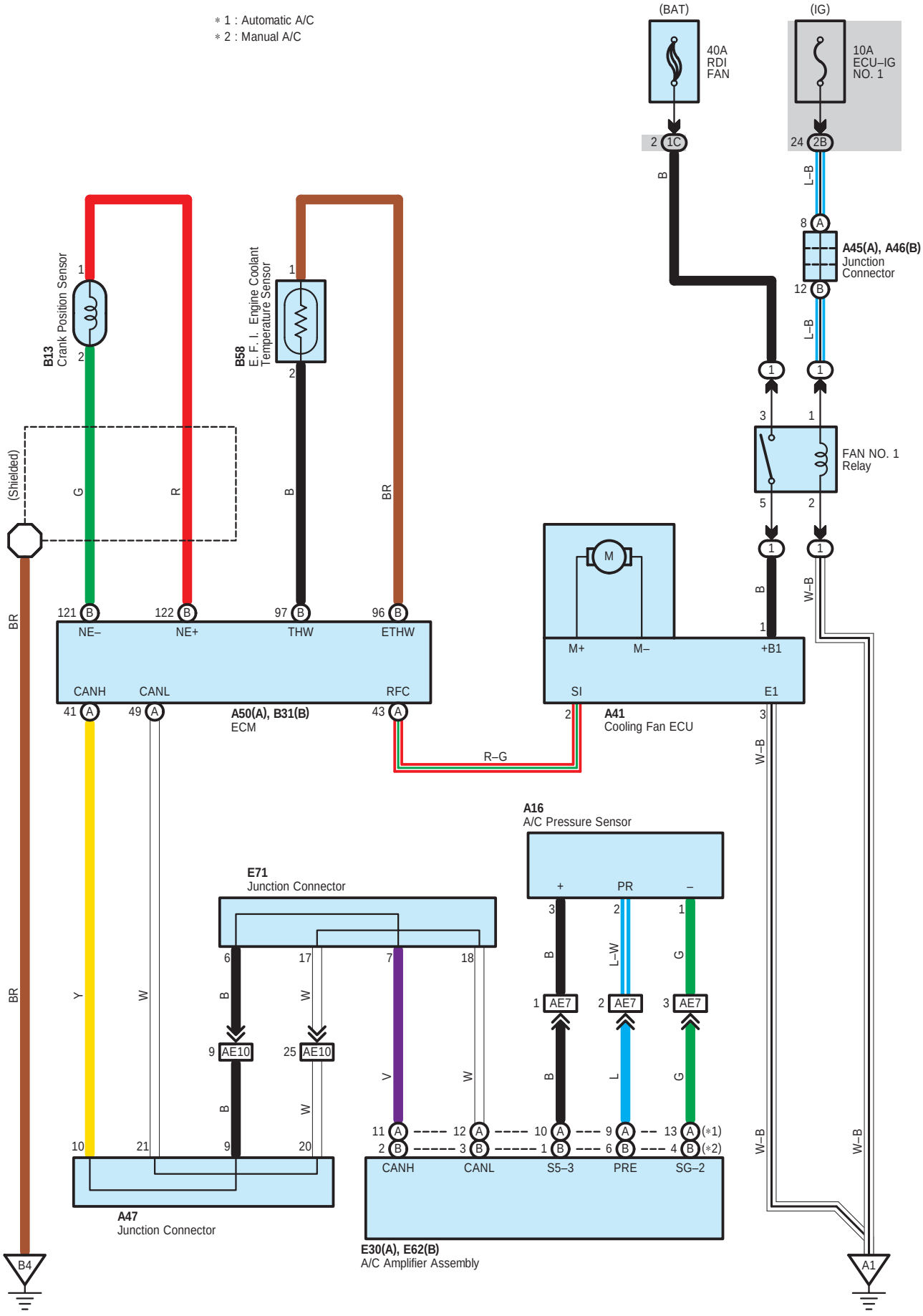
1C
White



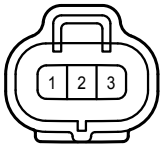
2B
White



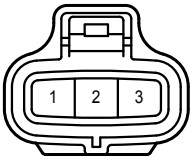

AE7
Blue
1 2 3 4 5
6 7 8 9 10 11 12 13
5 4 3 2 1
13 12 11 10 9 8 7 6
AE10
Gray
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


* 1 : Automatic A/C
* 2 : Manual A/C
(BAT)
(IG)
40A
RDI
FAN
10A
ECU–IG
NO. 1
2 1C
24 2B
B
L–B
8 A
A45(A), A46(B)
Junction
Connector
12 B
L–B
1
1
3
1
FAN NO. 1
Relay
5
2
1
1
B
W–B
1
B13
Crank Position Sensor
1
2
G
R
B58
E. F. I. Engine Coolant
Temperature Sensor
1
2
B
BR
(Shielded)
BR
121 B
122 B
97 B
96 B
NE–
NE+
THW
ETHW
CANH
CANL
RFC
41 A
49 A
43 A
A50(A), B31(B)
ECM
R–G
M
M+
M–
+B1
SI
E1
2
A41
Cooling Fan ECU
3
W–B
A16
A/C Pressure Sensor
+
PR
–
3
2
1
B
L–W
G
E71
Junction Connector
6
17
7
18
B
W
V
W
9 AE10
25 AE10
1 AE7
2 AE7
3 AE7
B
L
G
BR
Y
W
B
W
V
W
11 A
2 B
12 A
3 B
10 A
1 B
9 A
6 B
13 A (*1)
4 B (*2)
10
21
9
20
CANH
CANL
S5–3
PRE
SG–2
W–B
W–B
A47
Junction Connector
E30(A), E62(B)
A/C Amplifier Assembly
B4
A1

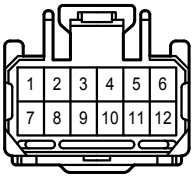
A 16
Black



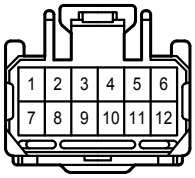
A 41
Black



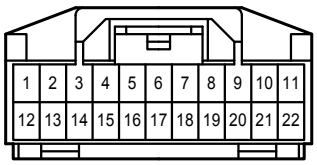
A 45
White



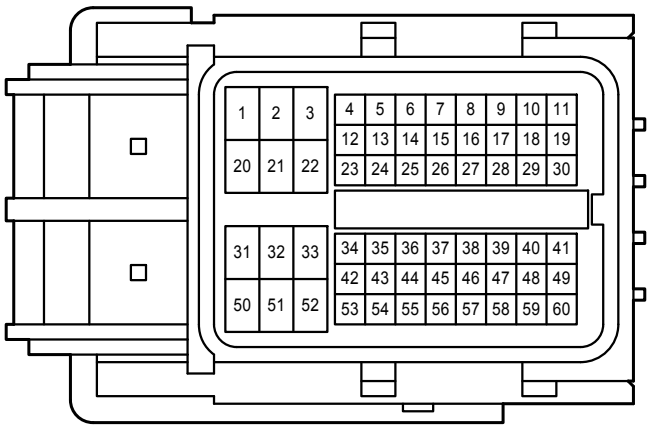
A 46
White



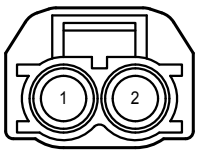
A 47
White



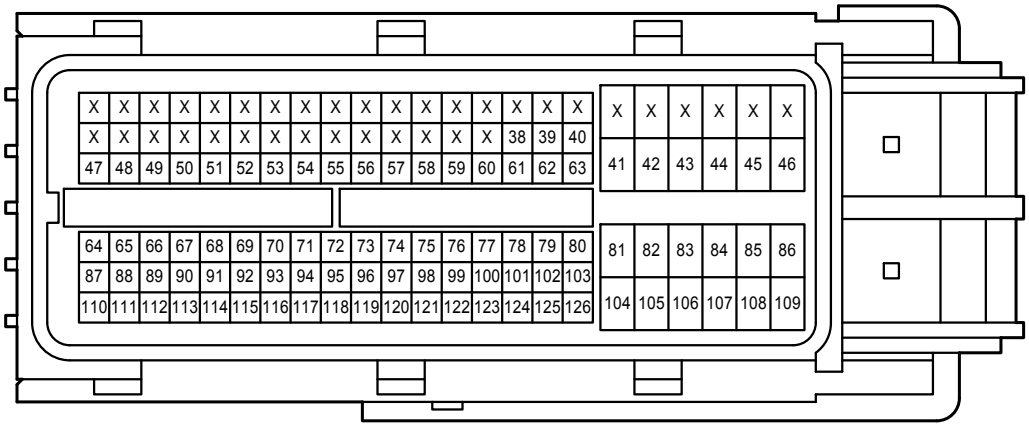
A 50
Black



B 13
Black

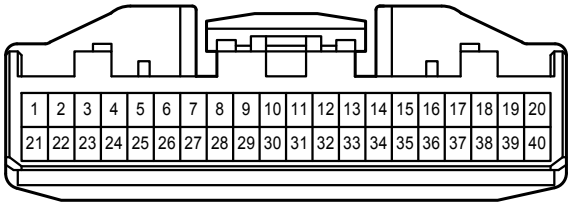


B 31
Black

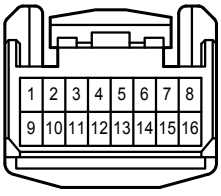


B 58
Gray

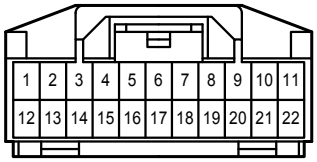
E 30
White



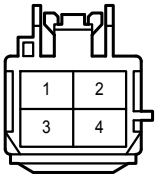
E 62
White



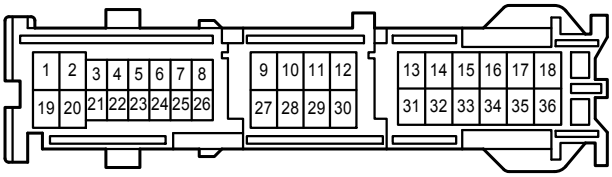
E 71
White



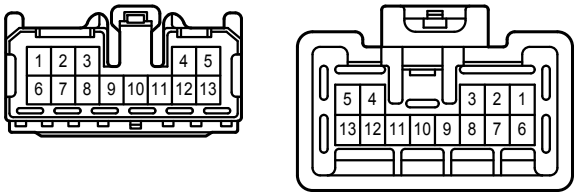
1C
White



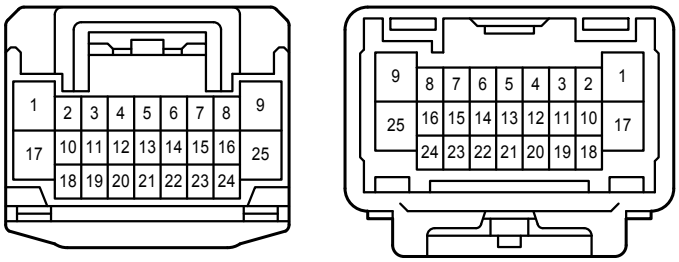
2B
White

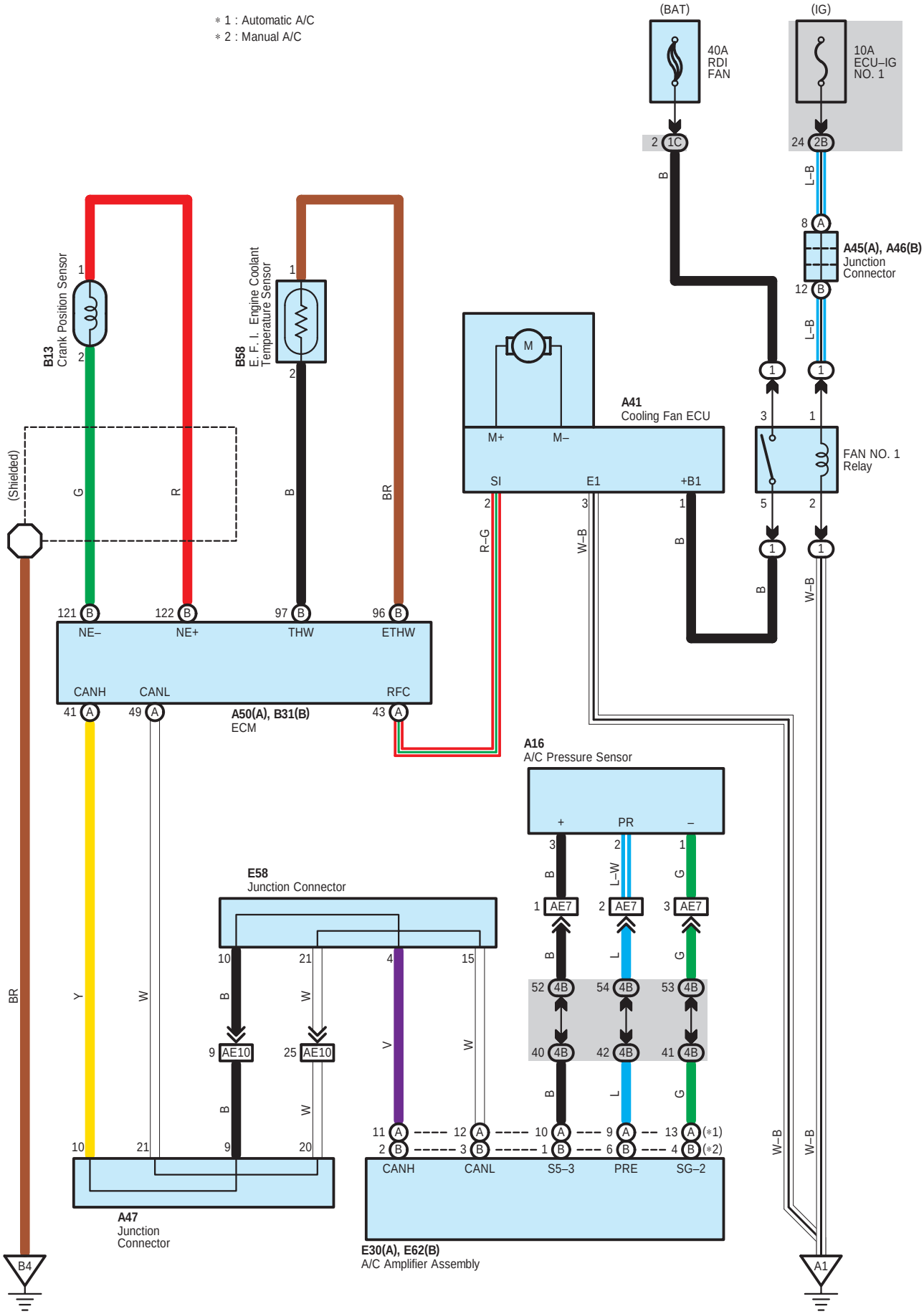


AE7
Blue

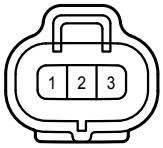


AE10
Gray

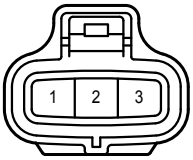



* 1 : Automatic A/C
* 2 : Manual A/C
(BAT)
(IG)
40A
RDI
FAN
10A
ECU–IG
NO. 1
2 1C
24 2B
B
L–B
8 A
A45(A), A46(B)
Junction
Connector
12 B
L–B
B13
Crank Position Sensor
1
2
B58
E. F. I. Engine Coolant
Temperature Sensor
1
2
M
M+
M–
A41
Cooling Fan ECU
SI
E1
+B1
2
3
1
R–G
W–B
B
3
1
5
2
FAN NO. 1
Relay
1
1
1
1
B
W–B
(Shielded)
G
R
B
BR
121 B
122 B
97 B
96 B
NE–
NE+
THW
ETHW
CANH
CANL
RFC
41 A
49 A
43 A
A50(A), B31(B)
ECM
A16
A/C Pressure Sensor
+
PR
–
3
2
1
B
L–W
G
1 AE7
2 AE7
3 AE7
B
L
G
52 4B
54 4B
53 4B
40 4B
42 4B
41 4B
B
L
G
E58
Junction Connector
10
21
4
15
B
W
V
W
9 AE10
25 AE10
B
W
BR
Y
W
10
21
9
20
11 A
2 B
12 A
3 B
10 A
1 B
9 A
6 B
13 A (*1)
4 B (*2)
CANH
CANL
S5–3
PRE
SG–2
A47
Junction
Connector
E30(A), E62(B)
A/C Amplifier Assembly
W–B
W–B
B4
A1

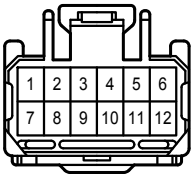
A 16
Black



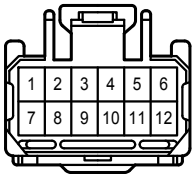
A 41
Black



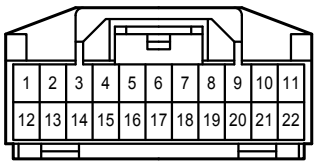
A 45
White



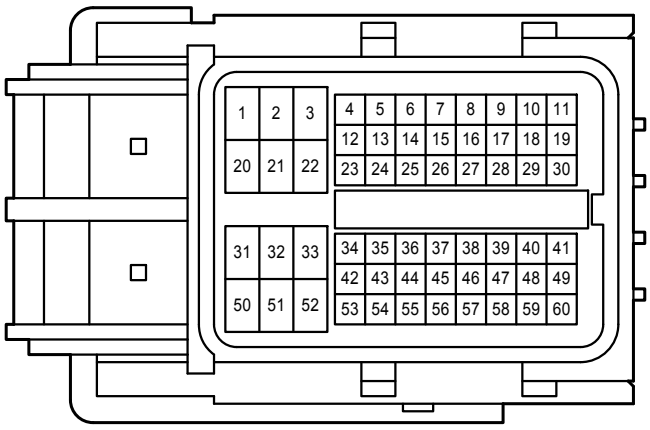
A 46
White



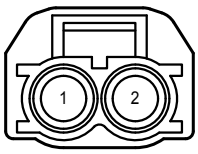
A 47
White



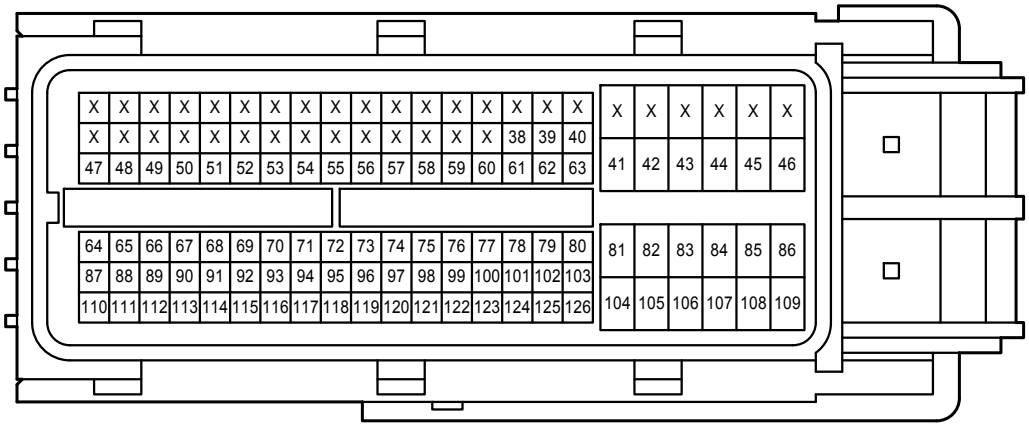
A 50
Black



B 13
Black

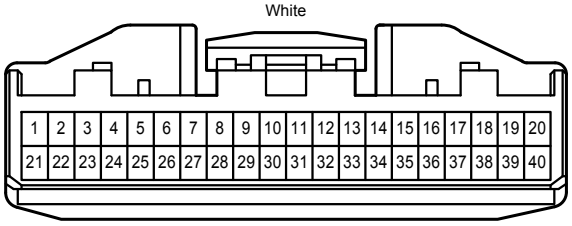


B 31
Black

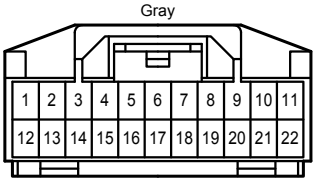


B 58
Gray

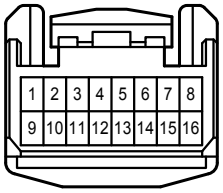
E 30
White



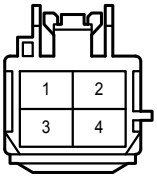
E 58
Gray



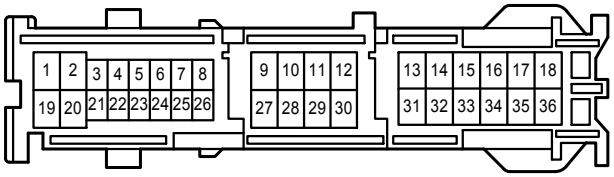
E 62
White



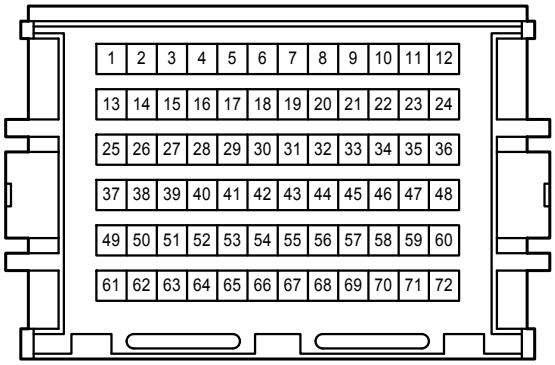
1C
White



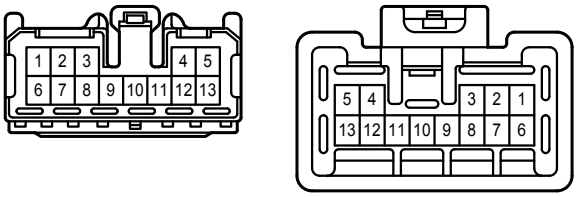
2B
White



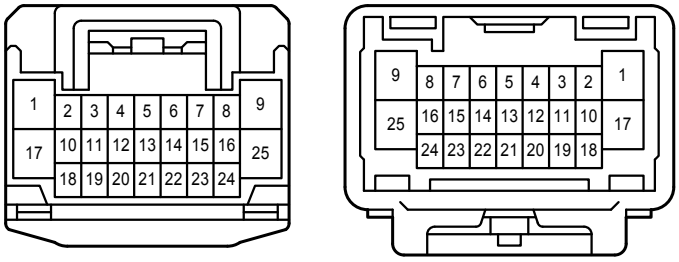
4B
White

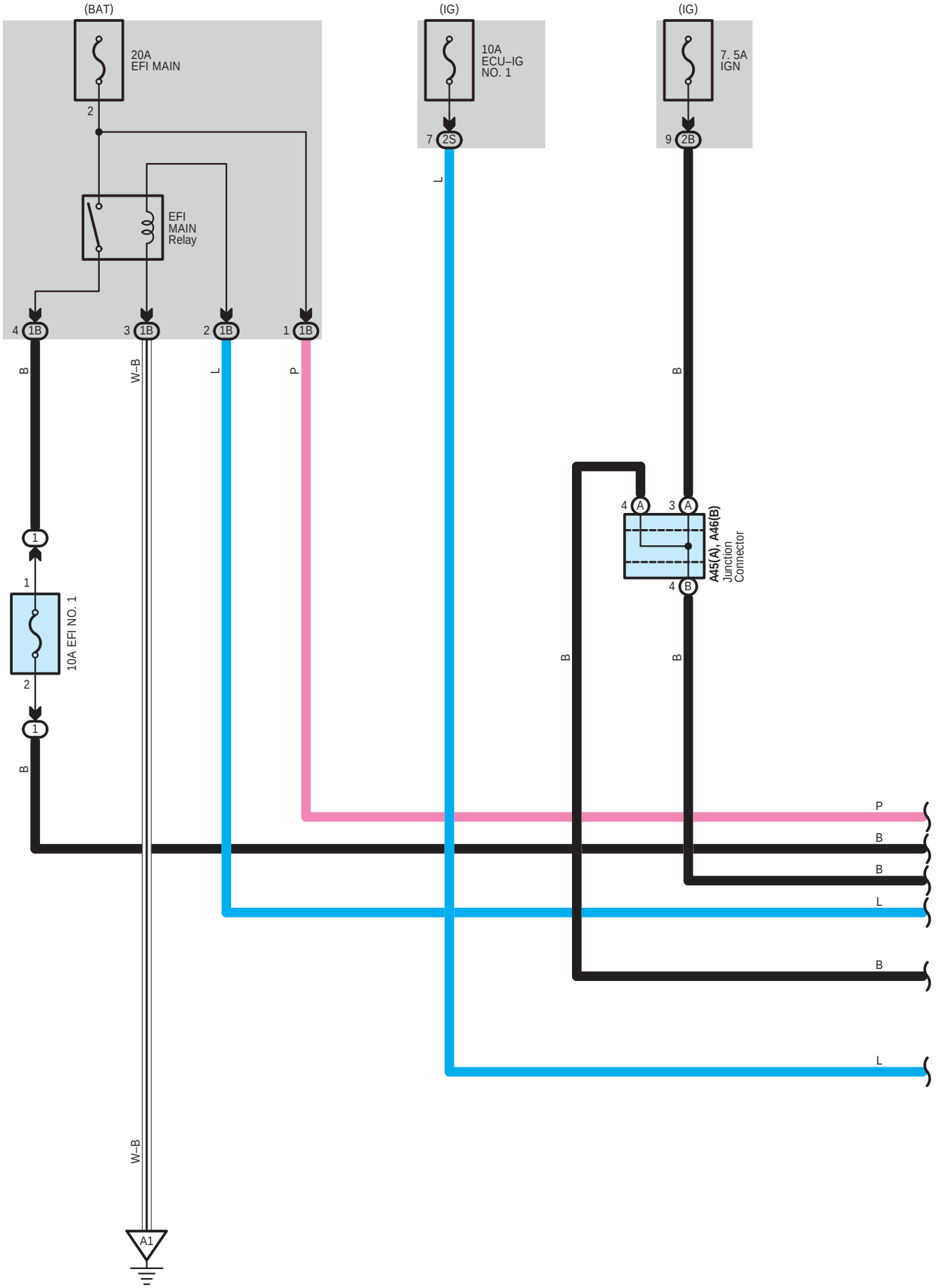


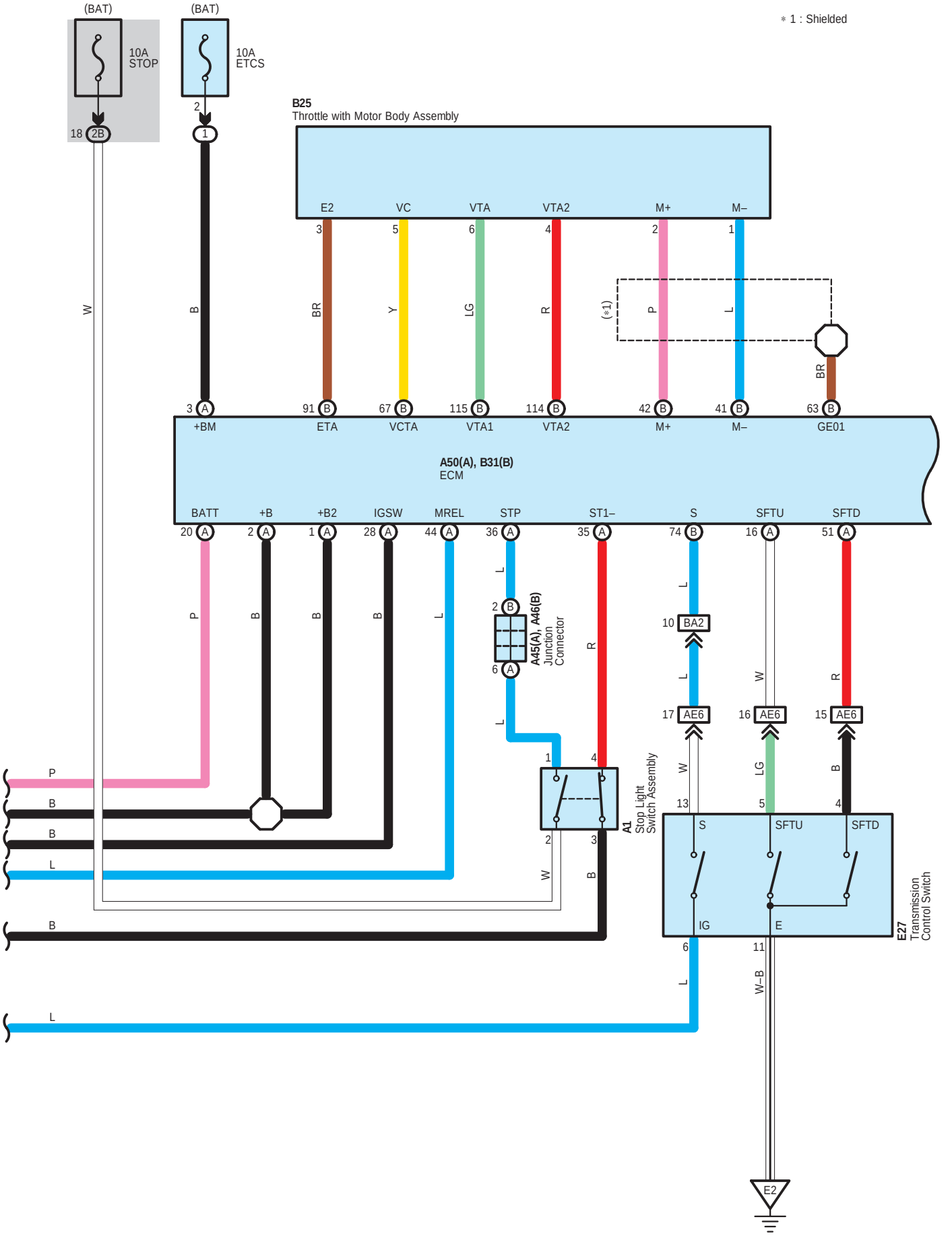
AE7
Blue

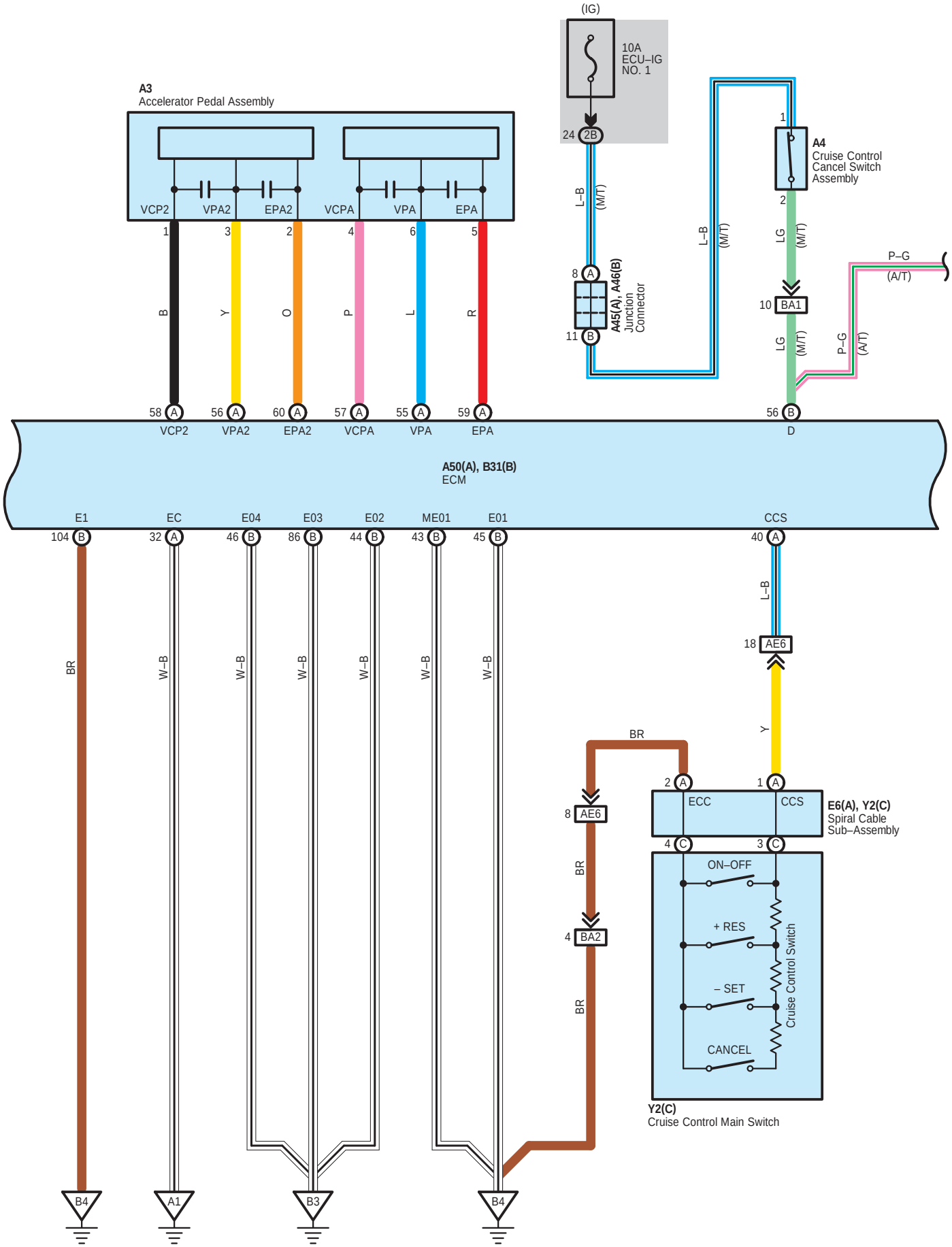


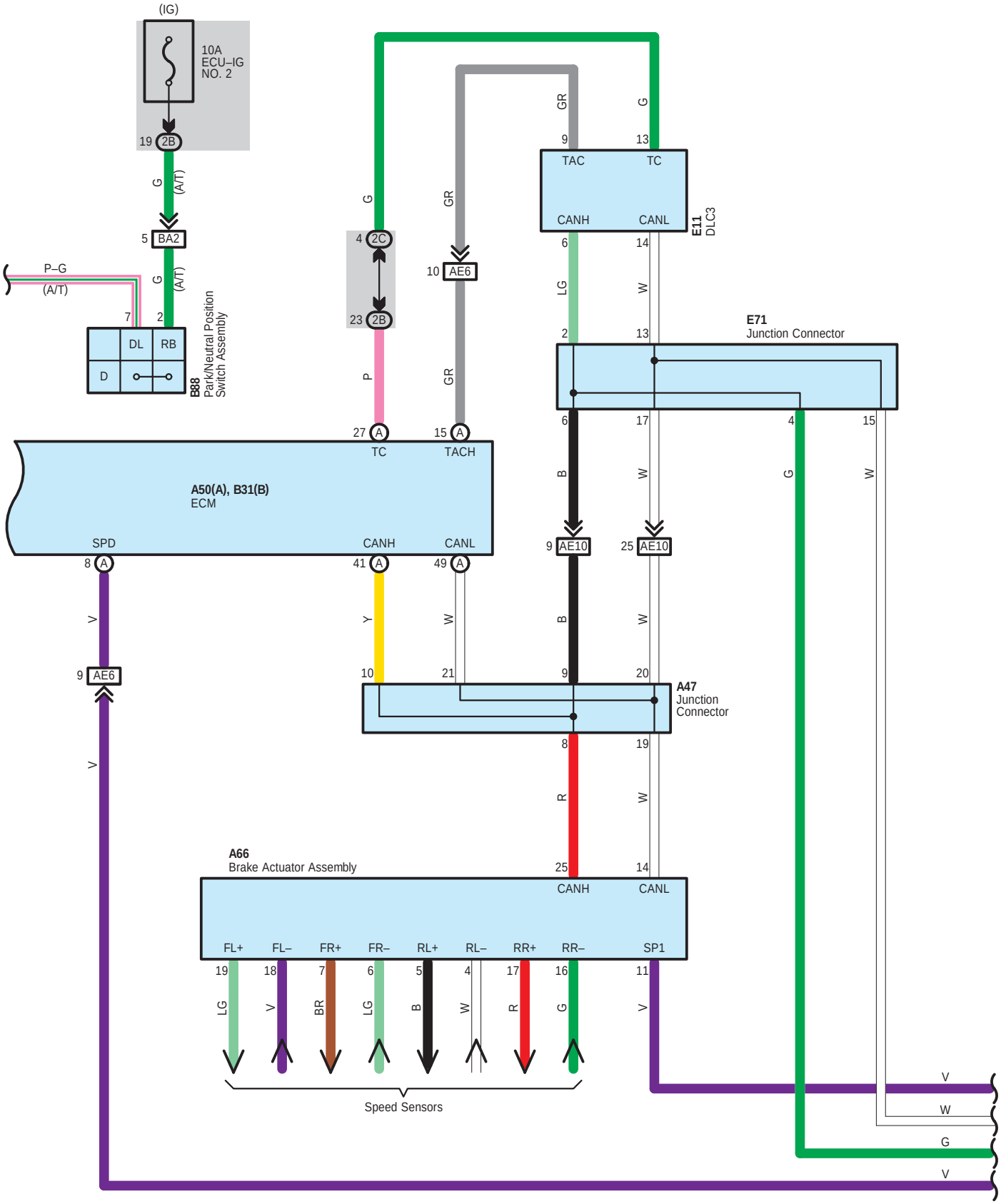
AE10
Gray

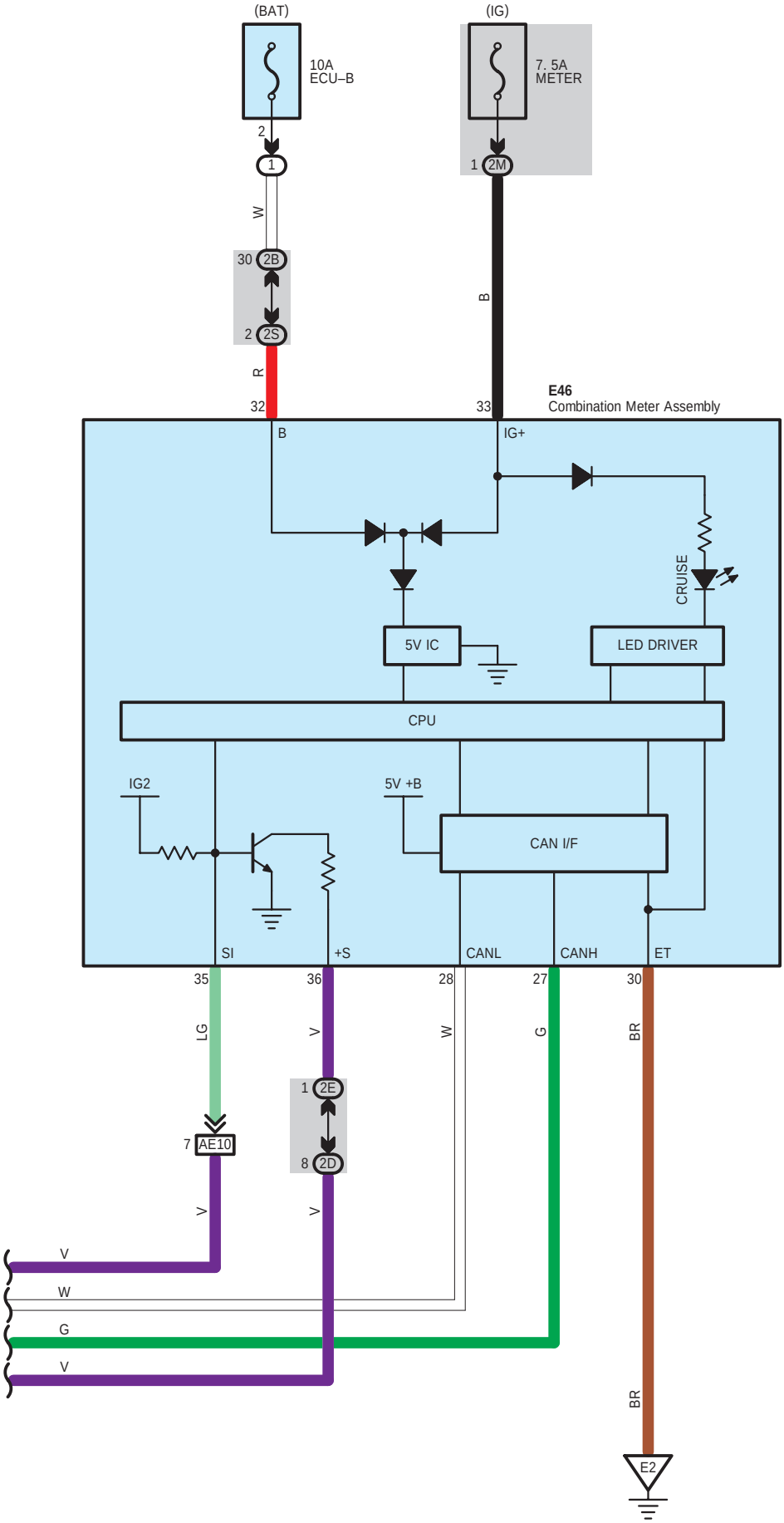



(BAT)
20A
EFI MAIN
2
EFI
MAIN
Relay
4 1B
3 1B
2 1B
1 1B
B
W–B
L
P
1
1
10A EFI NO. 1
2
1
B
W–B
A1
(IG)
10A
ECU–IG
NO. 1
7 2S
L
(IG)
7. 5A
IGN
9 2B
B
4 A
3 A
4 B
A45(A), A46(B)
Junction
Connector
B
B
P
B
B
L
B
L

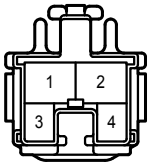

(BAT)
10A
STOP
18 2B
(BAT)
10A
ETCS
2
1
* 1 : Shielded
B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
W
B
BR
Y
LG
R
(*1)
P
L
BR
3 A
91 B
67 B
115 B
114 B
42 B
41 B
63 B
+BM
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
A50(A), B31(B)
ECM
BATT
+B
+B2
IGSW
MREL
STP
ST1–
S
SFTU
SFTD
20 A
2 A
1 A
28 A
44 A
36 A
35 A
74 B
16 A
51 A
P
B
B
B
L
L
R
L
W
R
2 B
6 A
A45(A), A46(B)
Junction
Connector
10 BA2
17 AE6
16 AE6
15 AE6
W
LG
B
1
4
2
3
13
5
4
A1
Stop Light
Switch Assembly
S
SFTU
SFTD
IG
E
E27
Transmission
Control Switch
6
11
L
W–B
E2


(IG)
10A
ECU–IG
NO. 1
24 2B
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
B
Y
O
P
L
R
58 A
56 A
60 A
57 A
55 A
59 A
VCP2
VPA2
EPA2
VCPA
VPA
EPA
L–B
(M/T)
8 A
11 B
A45(A), A46(B)
Junction
Connector
L–B
(M/T)
1
A4
Cruise Control
Cancel Switch
Assembly
2
LG
(M/T)
10 BA1
LG
(M/T)
P–G
(A/T)
P–G
(A/T)
56 B
D
A50(A), B31(B)
ECM
E1
EC
E04
E03
E02
ME01
E01
104 B
32 A
46 B
86 B
44 B
43 B
45 B
BR
W–B
W–B
W–B
W–B
W–B
W–B
B4
A1
B3
B4
CCS
40 A
L–B
18 AE6
Y
BR
8 AE6
BR
4 BA2
BR
2 A
1 A
ECC
CCS
E6(A), Y2(C)
Spiral Cable
Sub–Assembly
4 C
3 C
ON–OFF
+ RES
– SET
CANCEL
Cruise Control Switch
Y2(C)
Cruise Control Main Switch

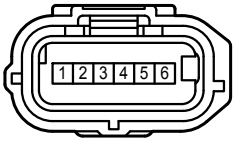

(IG)
10A
ECU–IG
NO. 2
19 2B
G
(A/T)
5 BA2
G
(A/T)
P–G
(A/T)
7
2
DL
RB
D
B88
Park/Neutral Position
Switch Assembly
4 2C
23 2B
P
27 A
TC
G
GR
10 AE6
GR
15 A
TACH
9
13
TAC
TC
CANH
CANL
E11
DLC3
6
14
LG
W
2
13
E71
Junction Connector
6
17
4
15
B
W
G
W
A50(A), B31(B)
ECM
SPD
CANH
CANL
8 A
41 A
49 A
9 AE10
25 AE10
V
Y
W
B
W
9 AE6
10
21
9
20
A47
Junction
Connector
8
19
V
R
W
A66
Brake Actuator Assembly
25
14
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
19
18
7
6
5
4
17
16
11
LG
V
BR
LG
B
W
R
G
V
Speed Sensors
V
W
G
V


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
32
(IG)
7. 5A
METER
1
2M
B
33
E46
Combination Meter Assembly
B
IG+
CRUISE
5V IC
LED DRIVER
CPU
IG2
5V +B
CAN I/F
SI
+S
CANL
CANH
ET
35
36
28
27
30
LG
V
W
G
BR
1
2E
8
2D
7
AE10
V
W
G
V
BR
E2

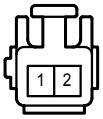
A 1
Black



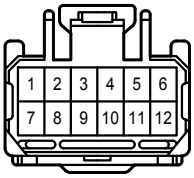
A 3
Black



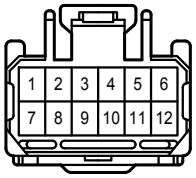
A 4
White



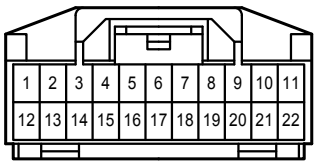
A 45
White



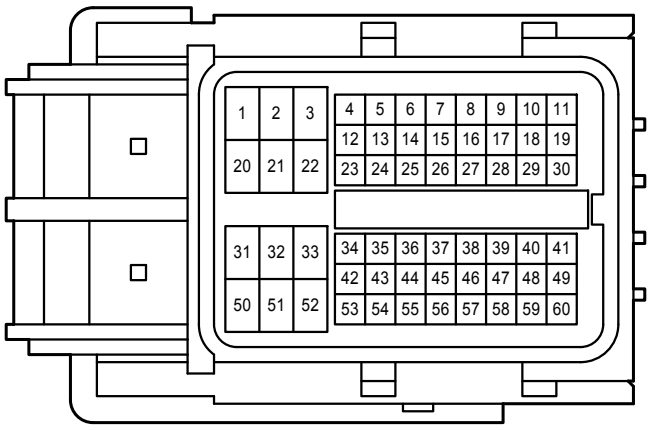
A 46
White



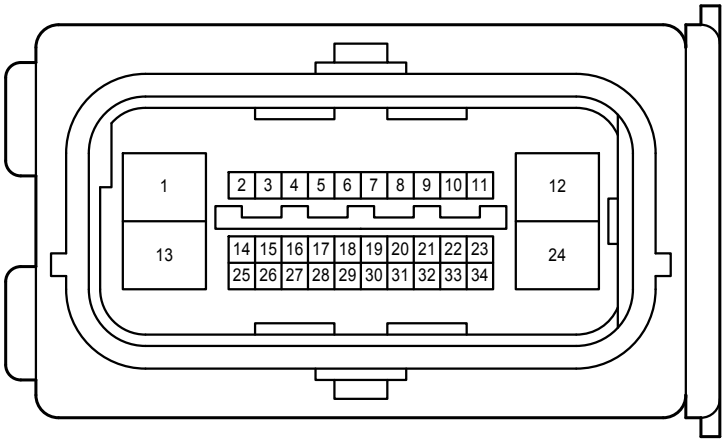
A 47
White



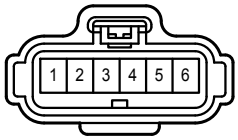
A 50
Black



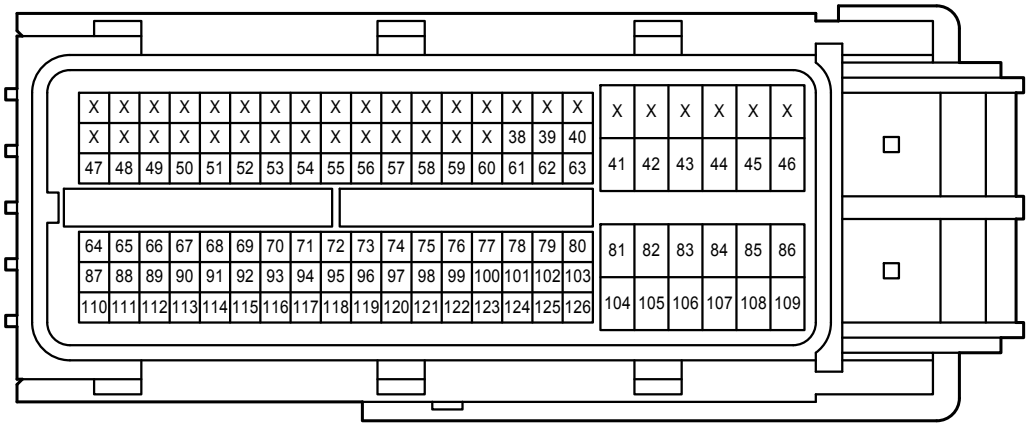
A 66
Black



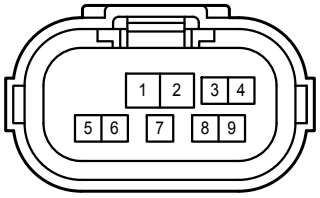
B 25
Black



B 31
Black

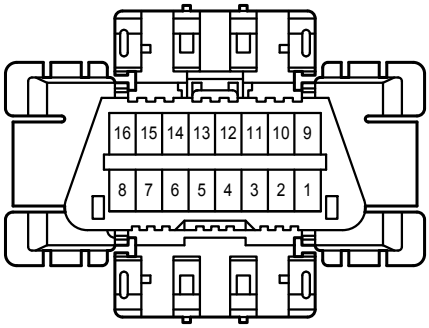


B 88
Gray

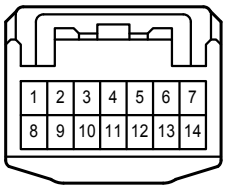


E 6
Black

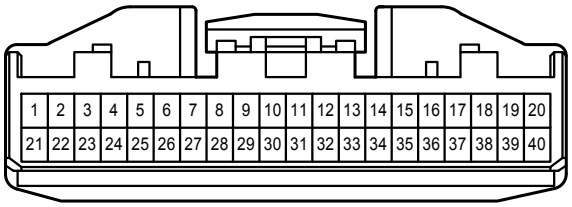
E 11
White



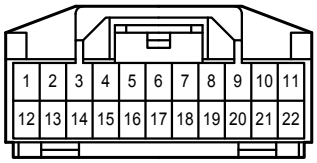
E 27
White



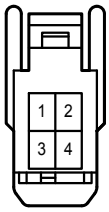
E 46
White



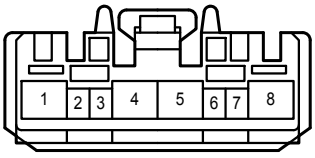
E 71
White



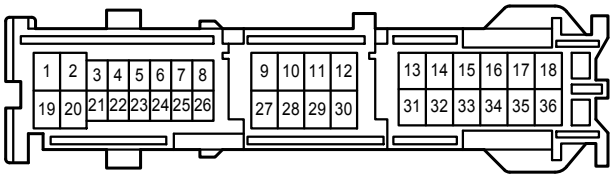
Y 2
White



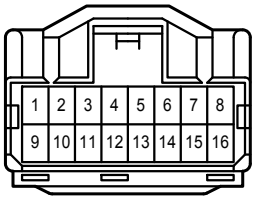
1B
White



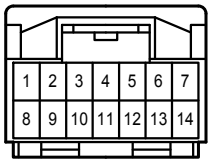
2B
White



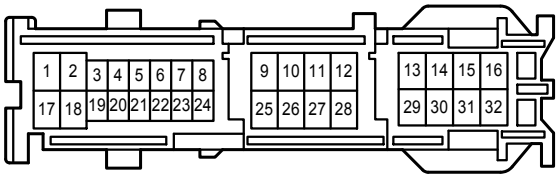
2C
White



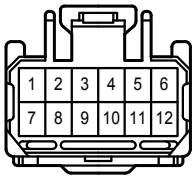
2D
White



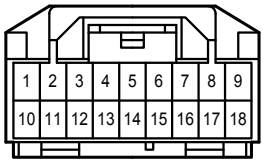
2E
White



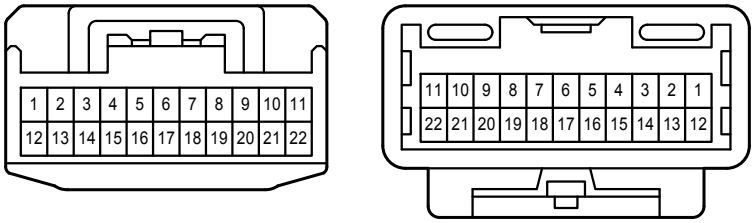
2M
White



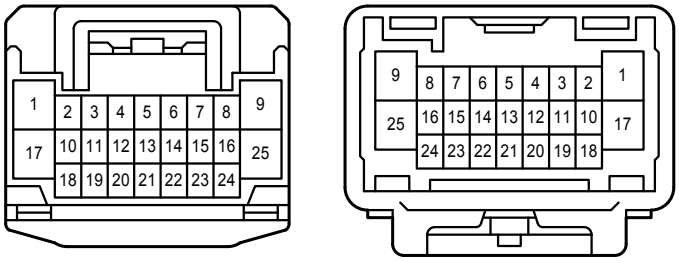
2S
White



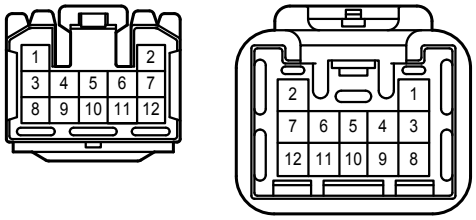
AE6
Gray



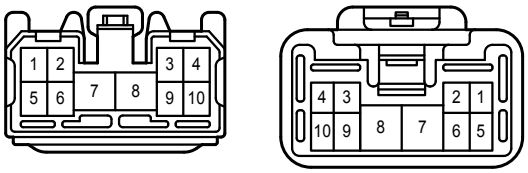
AE10
Gray

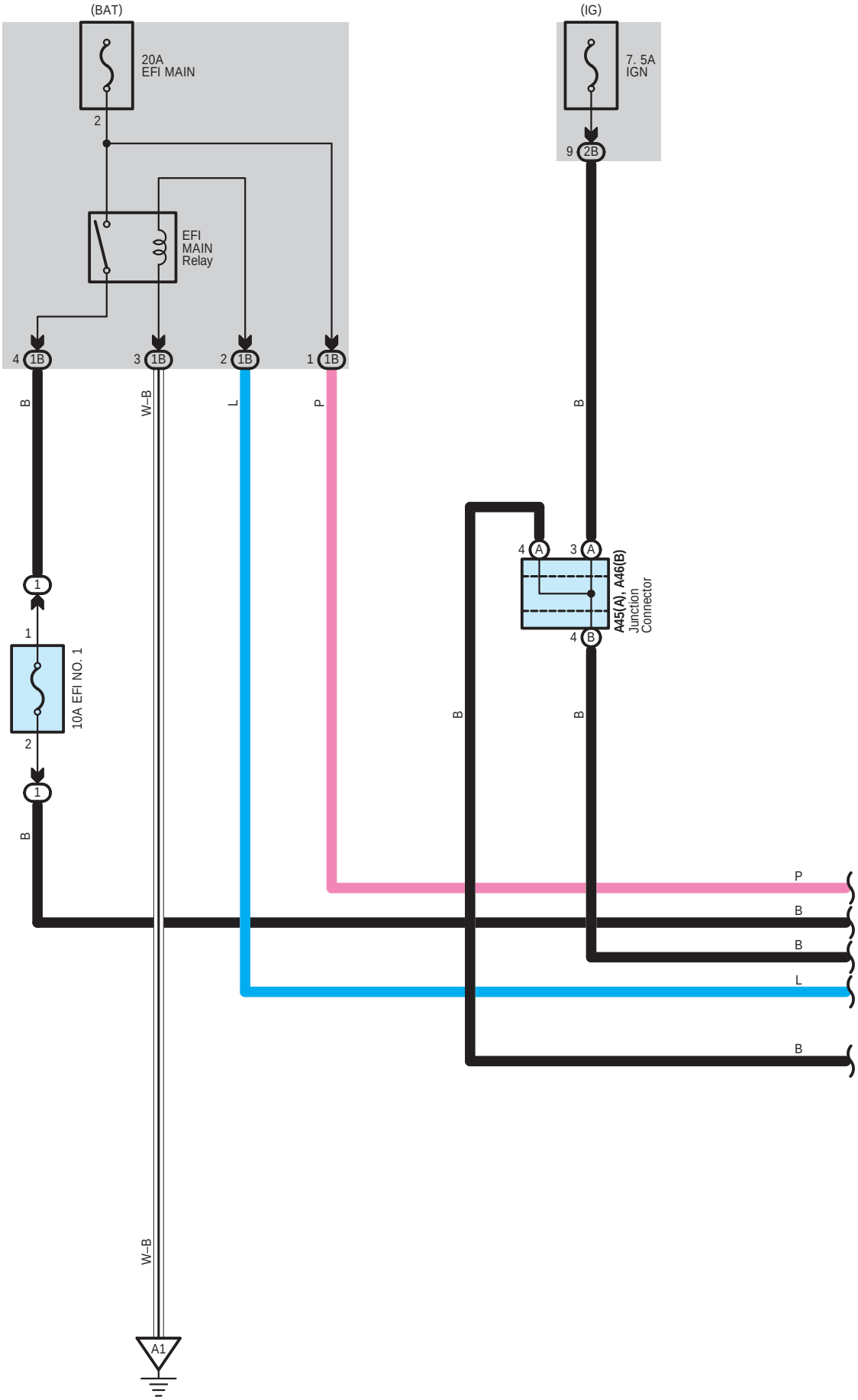


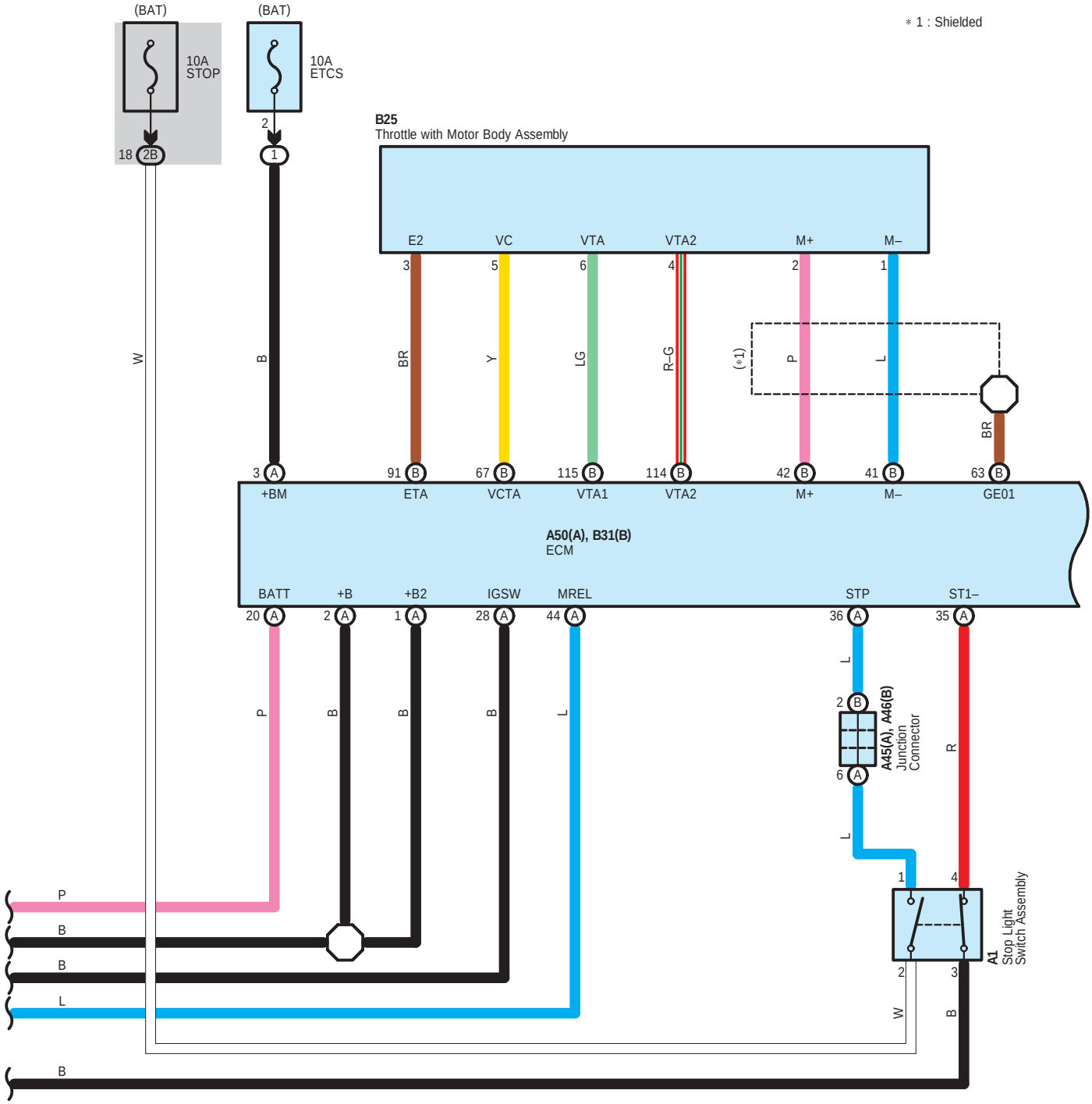
BA1
White

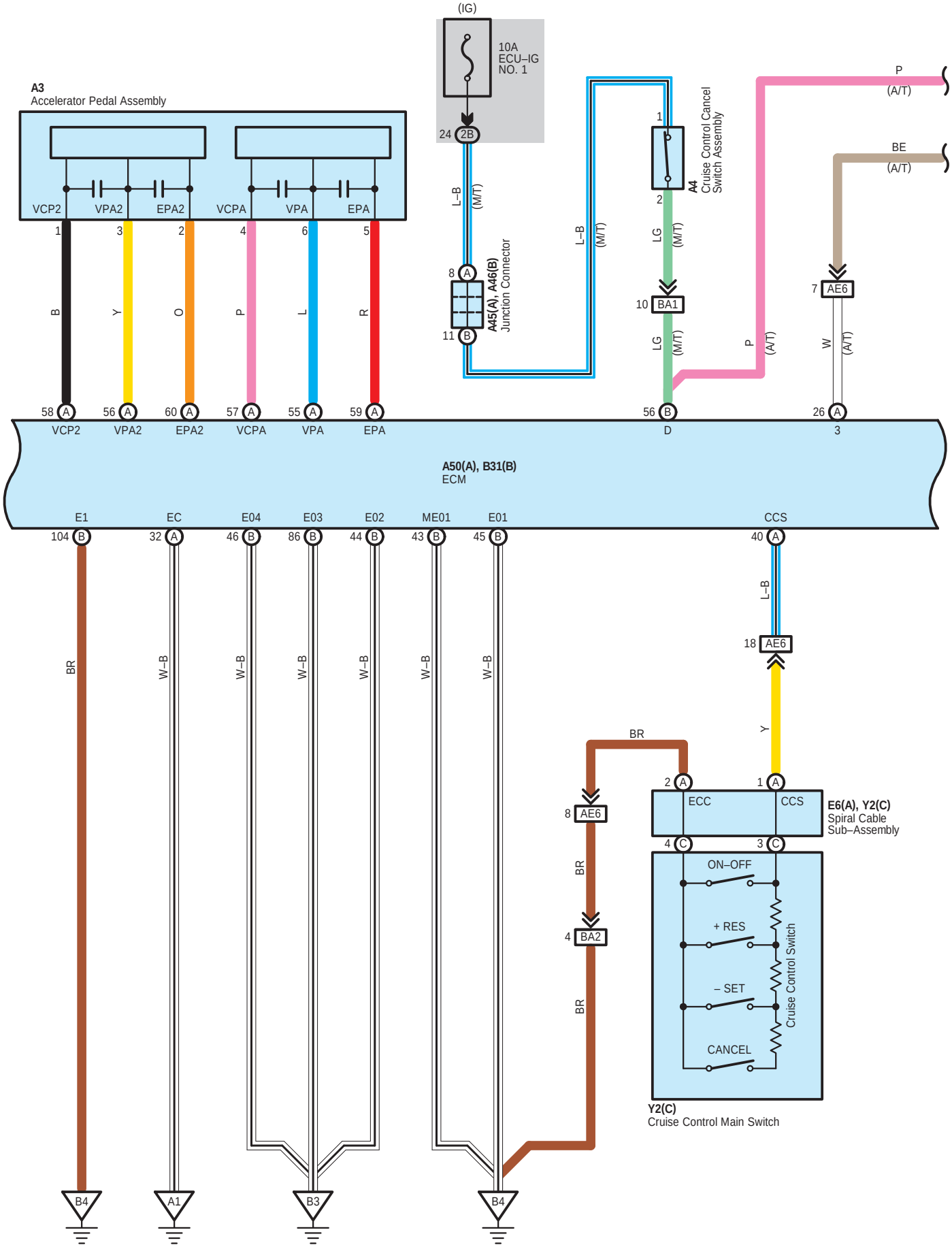


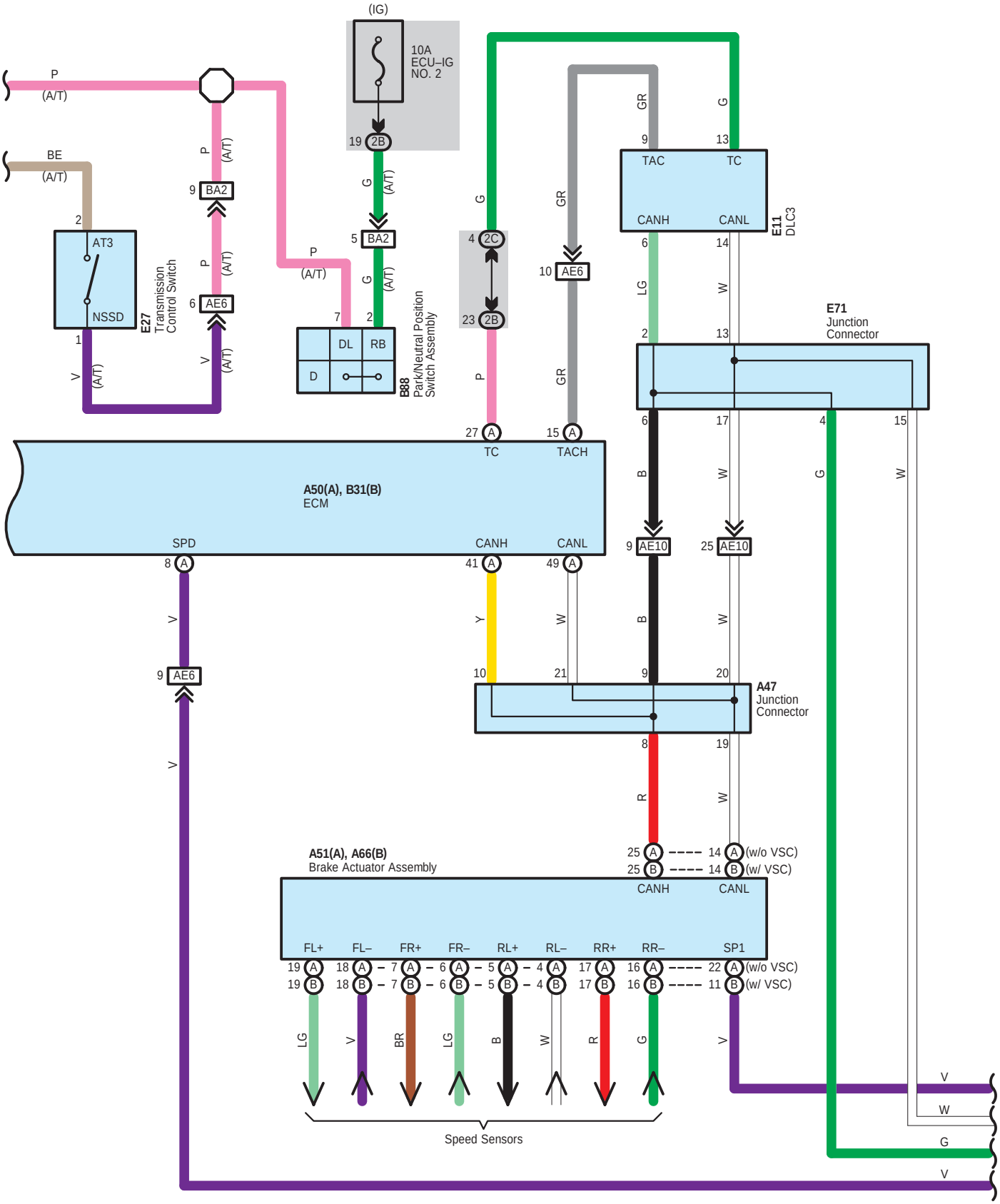
BA2
White

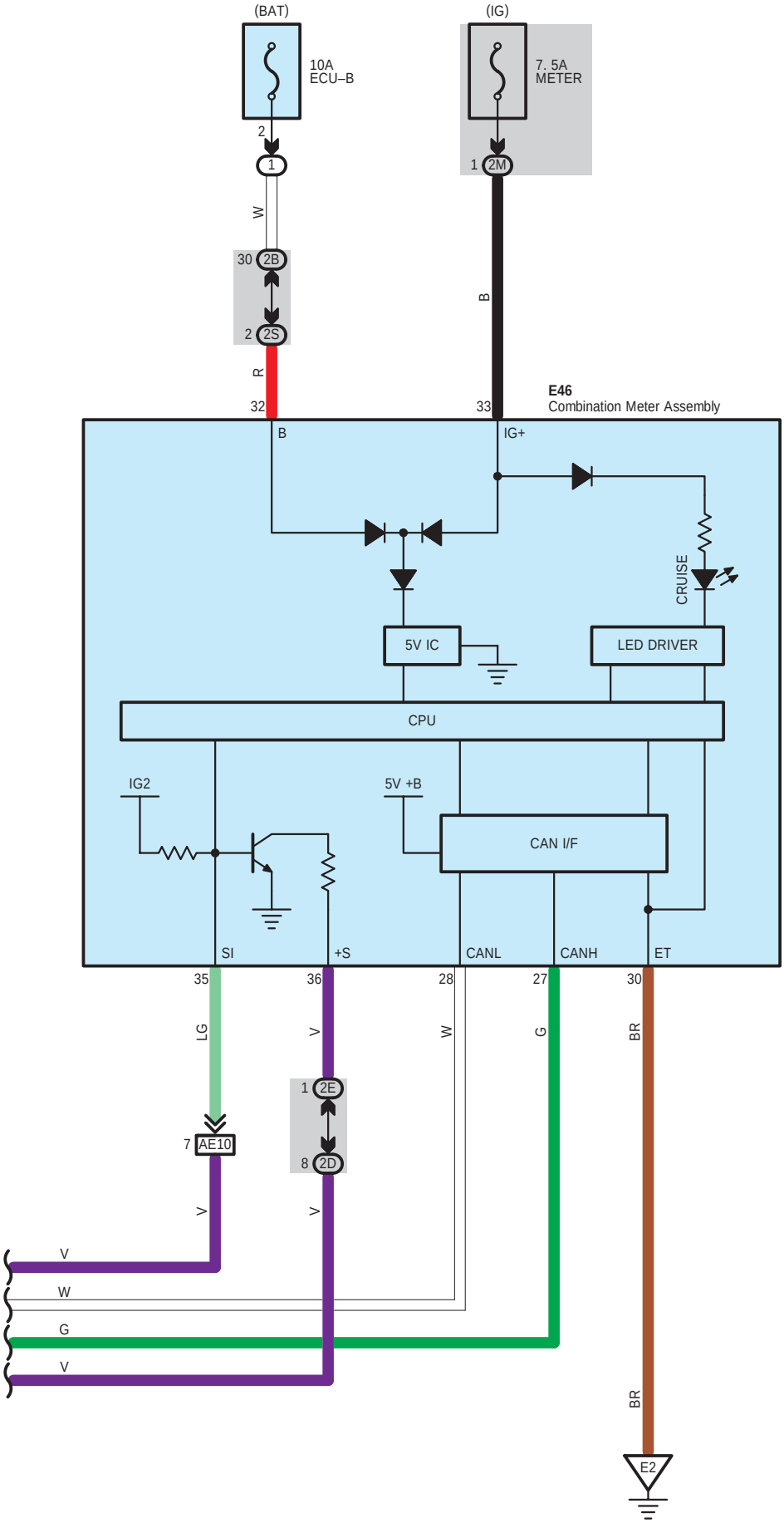



(BAT)
20A
EFI MAIN
2
EFI
MAIN
Relay
4 1B
3 1B
2 1B
1 1B
B
W-B
L
P
(IG)
7. 5A
IGN
9 2B
B
4 A
3 A
A45(A), A46(B)
Junction
Connector
4 B
B
B
1
1
10A EFI NO. 1
2
1
B
P
B
B
L
B
W-B
A1

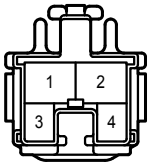

(BAT)
(BAT)
10A
STOP
10A
ETCS
2
18 2B
1
∗1 : Shielded
B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
W
B
BR
Y
LG
R–G
(∗1)
P
L
BR
3 A
91 B
67 B
115 B
114 B
42 B
41 B
63 B
+BM
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
A50(A), B31(B)
ECM
BATT
+B
+B2
IGSW
MREL
STP
ST1–
20 A
2 A
1 A
28 A
44 A
36 A
35 A
P
B
B
B
L
L
R
2 B
6 A
A45(A), A46(B)
Junction
Connector
L
1
4
2
3
A1
Stop Light
Switch Assembly
W
B
P
B
B
L
B


(IG)
10A
ECU–IG
NO. 1
24 2B
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
B
Y
O
P
L
R
58 A
56 A
60 A
57 A
55 A
59 A
L–B
(M/T)
8 A
11 B
A45(A), A46(B)
Junction Connector
L–B
(M/T)
1
2
A4
Cruise Control Cancel
Switch Assembly
LG
(M/T)
10 BA1
LG
(M/T)
56 B
D
P
(A/T)
P
(A/T)
BE
(A/T)
7 AE6
W
(A/T)
26 A
3
A50(A), B31(B)
ECM
E1
EC
E04
E03
E02
ME01
E01
104 B
32 A
46 B
86 B
44 B
43 B
45 B
BR
W–B
W–B
W–B
W–B
W–B
W–B
B4
A1
B3
B4
CCS
40 A
L–B
18 AE6
Y
BR
8 AE6
BR
4 BA2
BR
2 A
1 A
ECC
CCS
E6(A), Y2(C)
Spiral Cable
Sub–Assembly
4 C
3 C
ON–OFF
+ RES
– SET
CANCEL
Cruise Control Switch
Y2(C)
Cruise Control Main Switch


(IG)
10A
ECU–IG
NO. 2
19 2B
P
(A/T)
BE
(A/T)
2
AT3
NSSD
E27
Transmission
Control Switch
1
V
(A/T)
9 BA2
P
(A/T)
6 AE6
V
(A/T)
G
(A/T)
5 BA2
G
(A/T)
7
2
DL
RB
D
B88
Park/Neutral Position
Switch Assembly
P
(A/T)
4 2C
23 2B
P
27 A
TC
GR
10 AE6
GR
15 A
TACH
G
9
13
TAC
TC
CANH
CANL
E11
DLC3
6
LG
14
W
2
13
E71
Junction
Connector
6
17
4
15
B
W
G
W
A50(A), B31(B)
ECM
SPD
8 A
CANH
41 A
CANL
49 A
9 AE10
25 AE10
V
9 AE6
Y
10
W
21
B
9
W
20
A47
Junction
Connector
8
19
R
W
V
A51(A), A66(B)
Brake Actuator Assembly
25 A ---- 14 A (w/o VSC)
25 B ---- 14 B (w/ VSC)
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
19 A
19 B
18 A – 7
18 B – 7
A – 6
B – 6
A – 5
B – 5
A – 4
B – 4
17 A
17 B
16 A ---- 22 A (w/o VSC)
16 B ---- 11 B (w/ VSC)
LG
V
BR
LG
B
W
R
G
V
Speed Sensors
V
W
G
V


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
32
(IG)
7. 5A
METER
1
2M
B
33
E46
Combination Meter Assembly
B
IG+
CRUISE
5V IC
LED DRIVER
CPU
IG2
5V +B
CAN I/F
SI
+S
CANL
CANH
ET
35
36
28
27
30
LG
V
W
G
BR
1
2E
8
2D
7
AE10
V
W
G
V
BR
E2

A 1
Black



A 3
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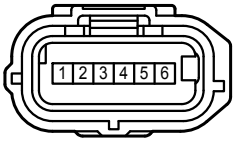

A 4
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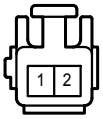

A 45
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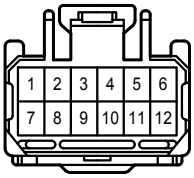

A 46
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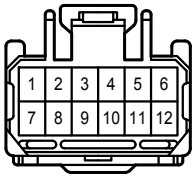

A 47
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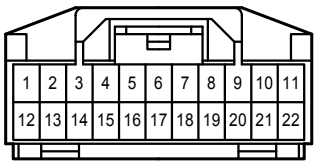
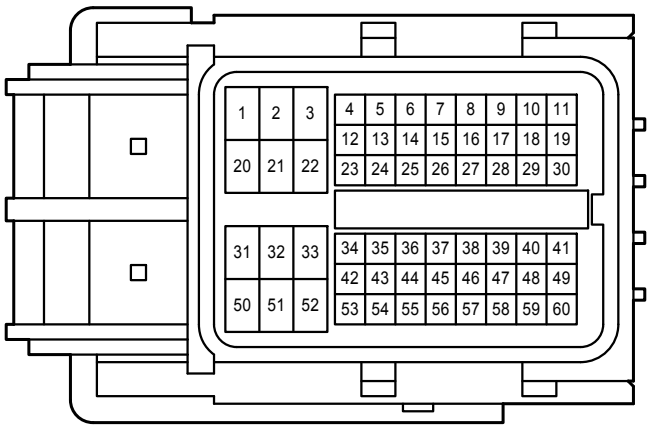
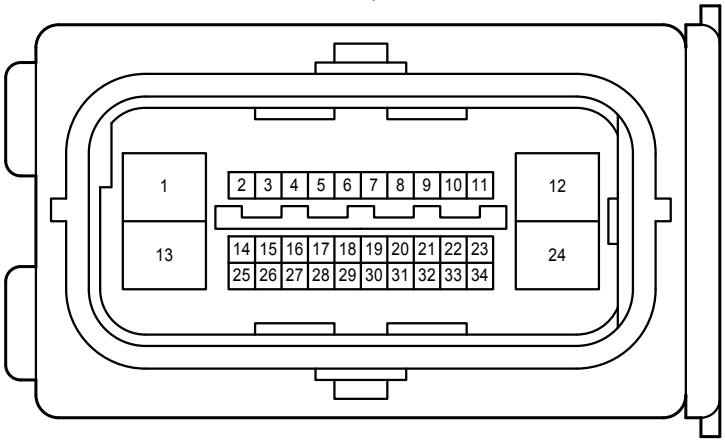


A 50
Black



A 51
Gray



A 66
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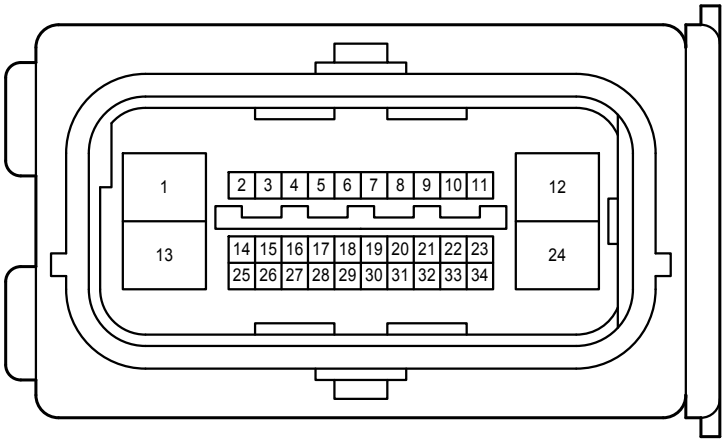

B 25
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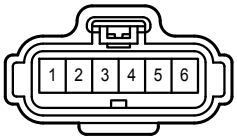

B 31
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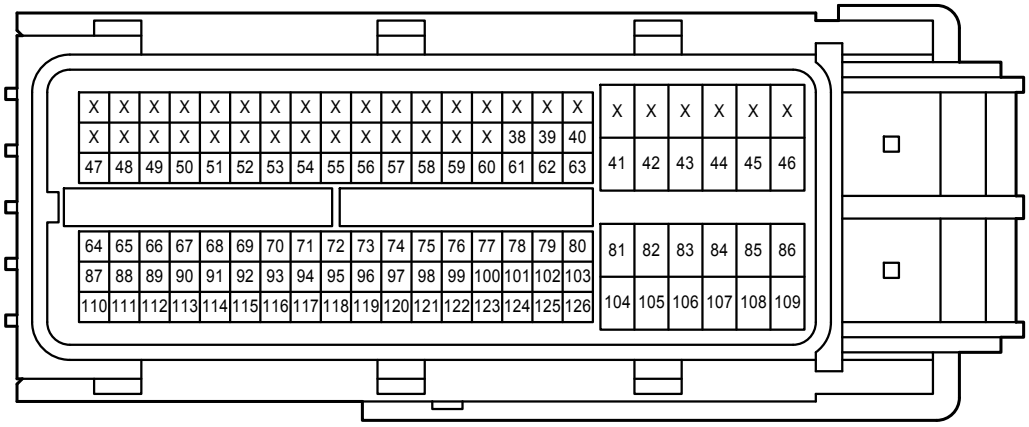
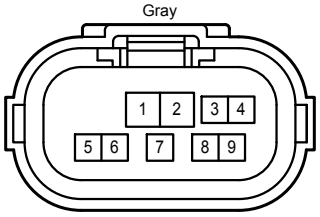
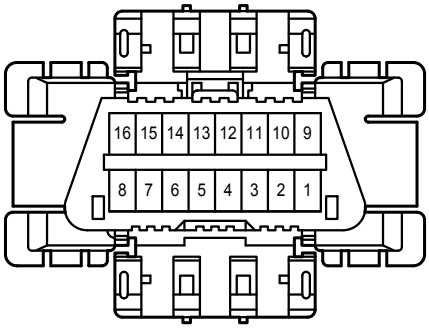


B 88
Gray



E 6
Black

E 11
White



E 27
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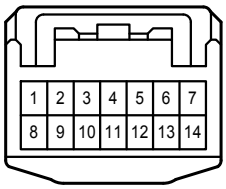

E 46
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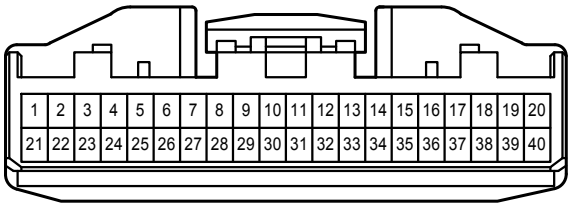
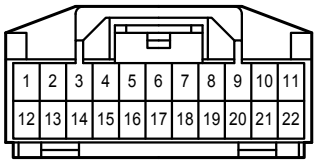
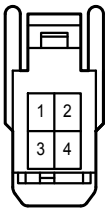


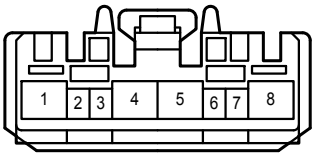
E 71
White



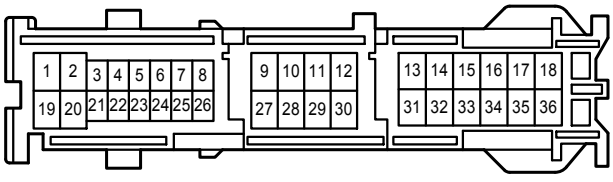
Y 2
White



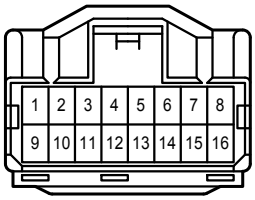
1B
White



2B
White



2C
White



2D
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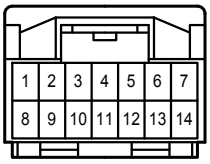

2E
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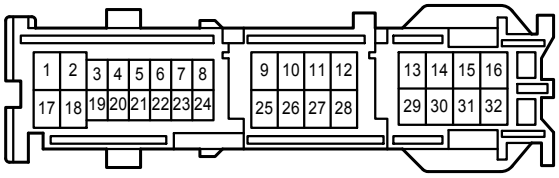
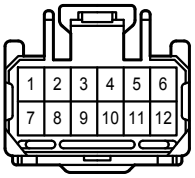
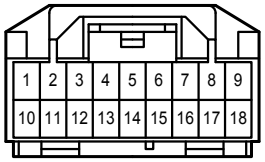


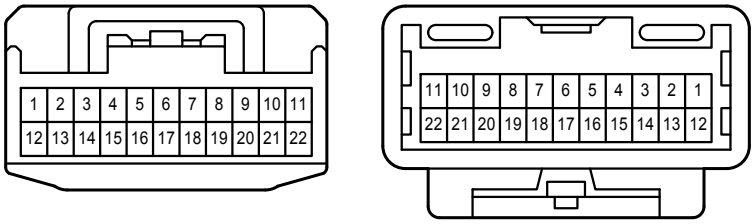
2M
White



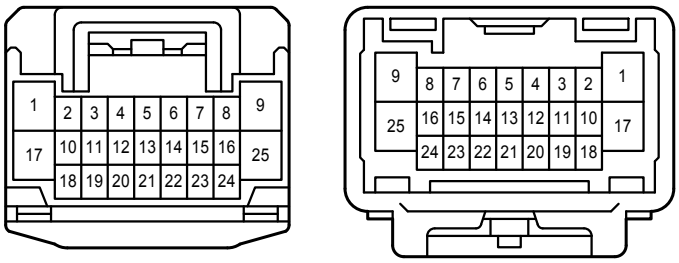
2S
White



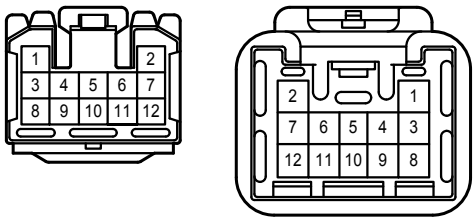
AE6
Gray



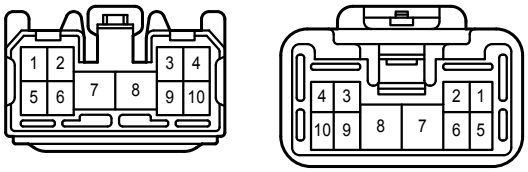
AE10
Gray

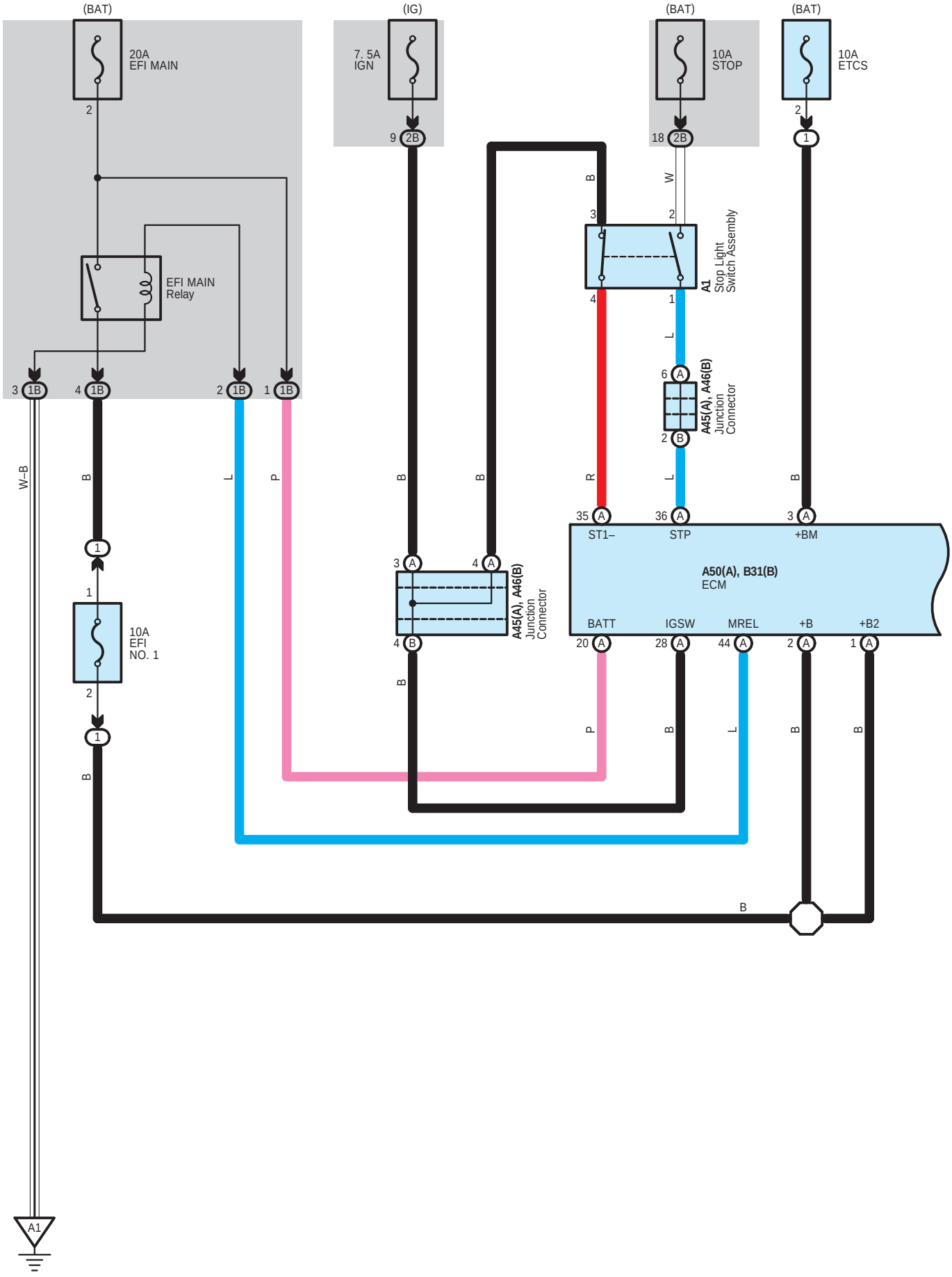


BA1
White

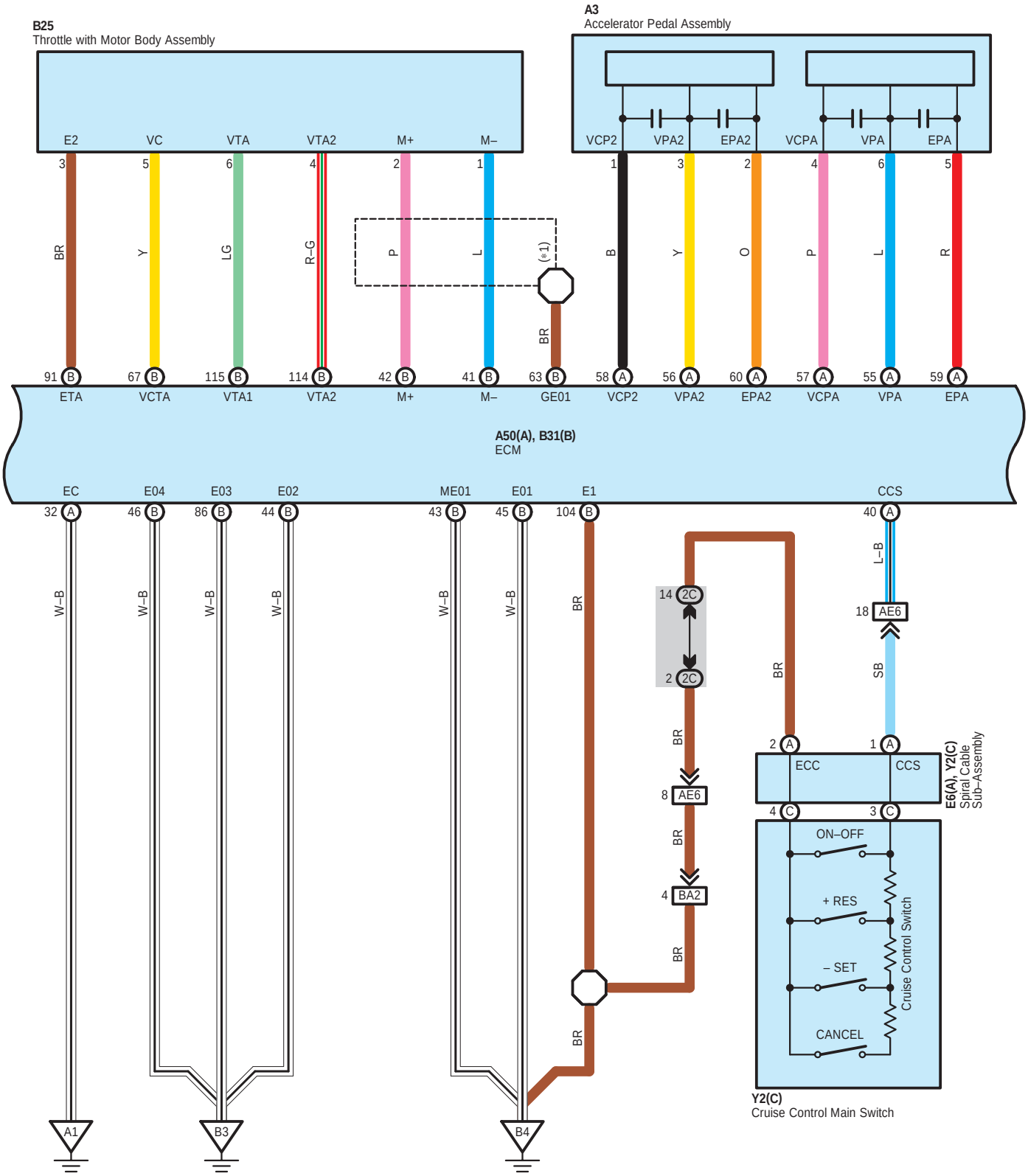


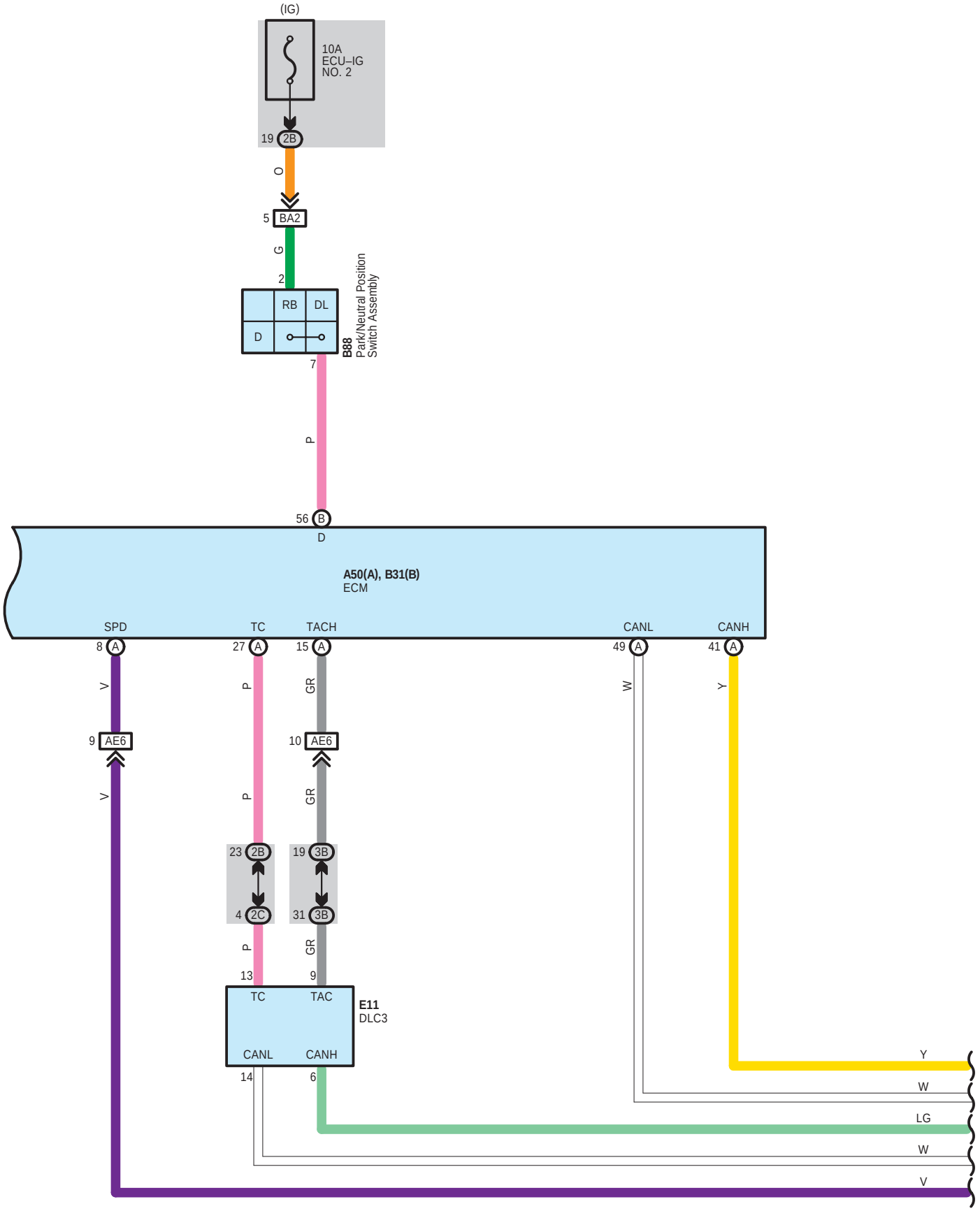
BA2
White

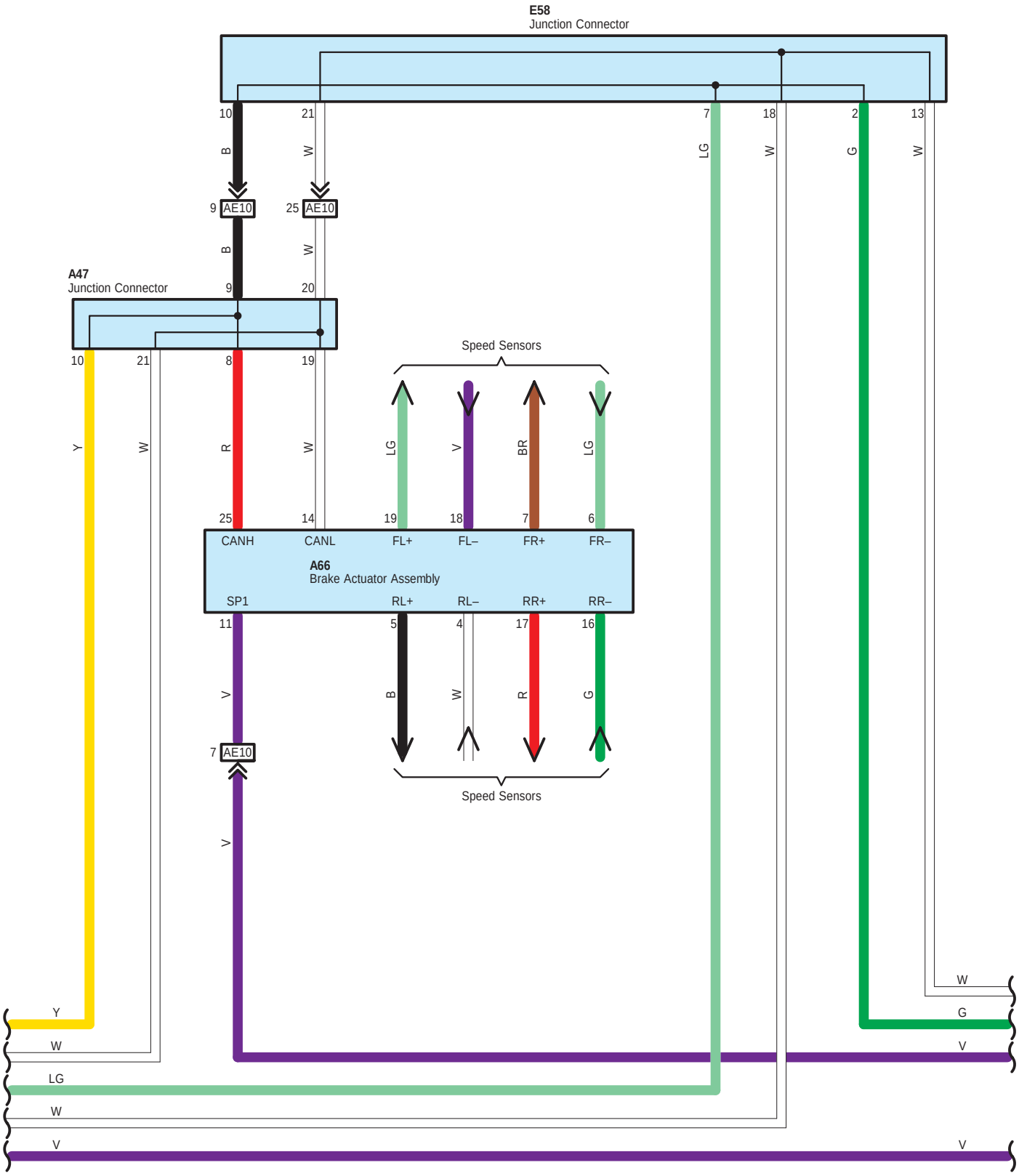


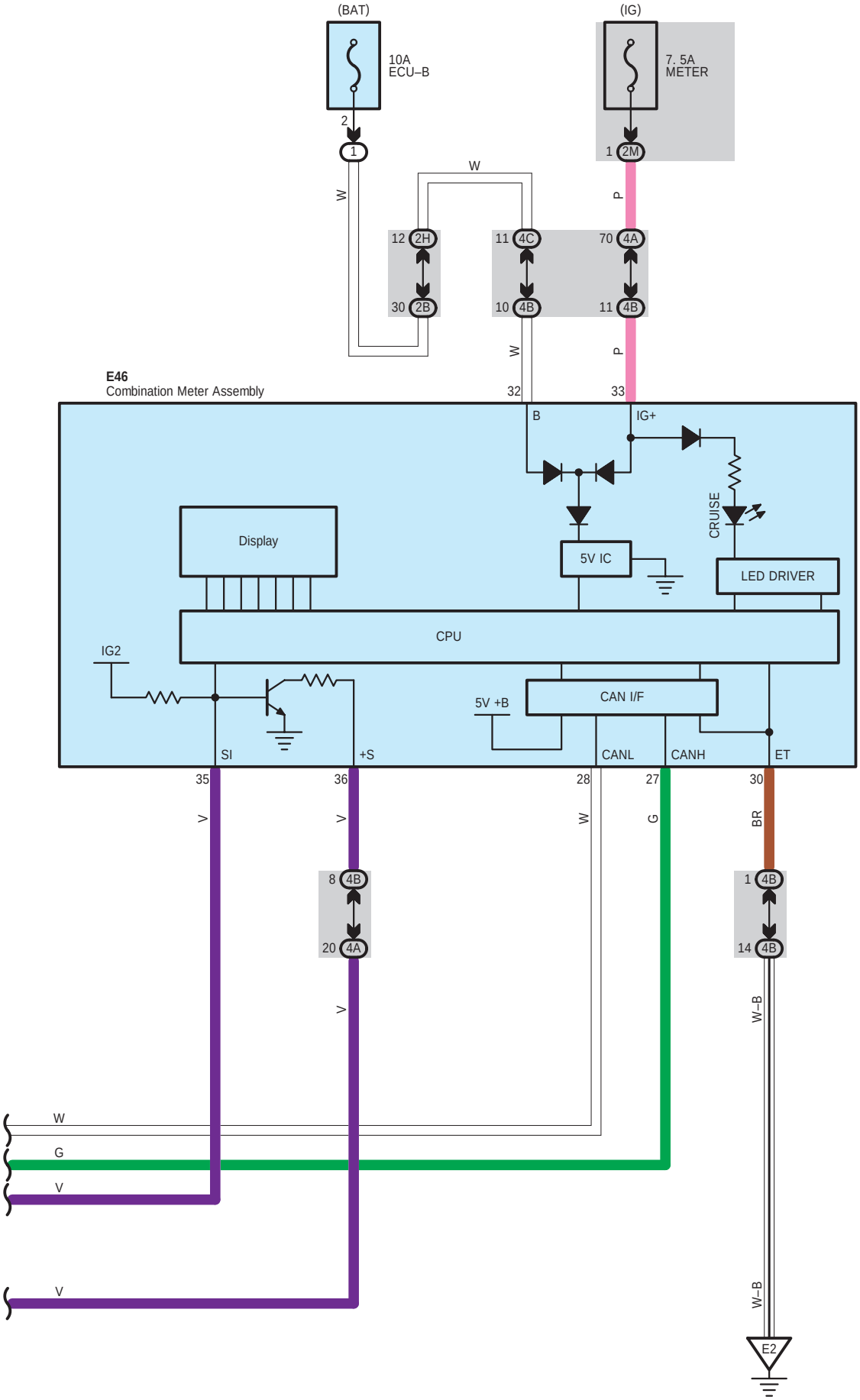

(BAT)
20A
EFI MAIN
2
EFI MAIN
Relay
3 1B
4 1B
2 1B
1 1B
W–B
B
1
1
10A
EFI
NO. 1
2
1
B
(IG)
7. 5A
IGN
9 2B
B
B
3 A
4 A
A45(A), A46(B)
Junction
Connector
4 B
B
L
P
(BAT)
10A
STOP
18 2B
B
W
3
2
4
1
A1
Stop Light
Switch Assembly
L
6 A
2 B
A45(A), A46(B)
Junction
Connector
R
L
35 A
36 A
ST1–
STP
(BAT)
10A
ETCS
2
1
B
3 A
+BM
A50(A), B31(B)
ECM
BATT
IGSW
MREL
+B
+B2
20 A
28 A
44 A
2 A
1 A
P
B
L
B
B
B
A1

* 1 : Shielded

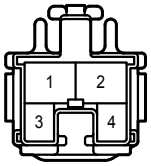

B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
BR
Y
LG
R–G
P
L
(*1)
BR
91 B ETA
67 B VCTA
115 B VTA1
114 B VTA2
42 B M+
41 B M–
63 B GE01
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
B
Y
O
P
L
R
58 A VCP2
56 A VPA2
60 A EPA2
57 A VCPA
55 A VPA
59 A EPA
A50(A), B31(B)
ECM
EC
E04
E03
E02
ME01
E01
E1
CCS
32 A
46 B
86 B
44 B
43 B
45 B
104 B
40 A
W–B
BR
L–B
SB
14 2C
2 2C
8 AE6
4 BA2
18 AE6
2 A ECC
1 A CCS
4 C
3 C
E6(A), Y2(C)
Spiral Cable
Sub–Assembly
ON–OFF
+ RES
– SET
CANCEL
Cruise Control Switch
Y2(C)
Cruise Control Main Switch
A1
B3
B4


(IG)
10A
ECU–IG
NO. 2
19 2B
O
5 BA2
G
2
RB
DL
D
B88
Park/Neutral Position
Switch Assembly
7
P
56 B
D
A50(A), B31(B)
ECM
SPD
TC
TACH
CANL
CANH
8 A
27 A
15 A
49 A
41 A
V
P
GR
W
Y
9 AE6
10 AE6
V
P
GR
23 2B
19 3B
4 2C
31 3B
P
GR
13
9
TC
TAC
CANL
CANH
E11
DLC3
14
6
Y
W
LG
W
V

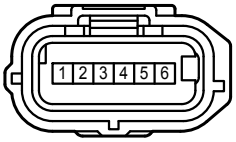

E58
Junction Connector
10
21
7
18
2
13
B
W
LG
W
G
W
9 AE10
25 AE10
B
W
A47
Junction Connector
9
20
10
21
8
19
Y
W
R
W
Speed Sensors
LG
V
BR
LG
25
14
19
18
7
6
CANH
CANL
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11
5
4
17
16
V
B
W
R
G
7 AE10
Speed Sensors
V
Y
W
LG
W
V
W
G
V
V
V


(BAT)
10A
ECU–B
2
1
W
(IG)
7. 5A
METER
1 2M
P
W
12 2H
30 2B
11 4C
10 4B
70 4A
11 4B
W
P
32
33
E46
Combination Meter Assembly
B
IG+
Display
5V IC
CRUISE
LED DRIVER
CPU
IG2
5V +B
CAN I/F
SI
+S
CANL
CANH
ET
35
36
28
27
30
V
V
W
G
BR
8 4B
20 4A
1 4B
14 4B
V
W–B
W
G
V
V
W–B
E2

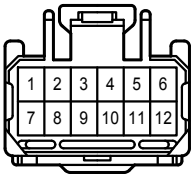
A 1
Black



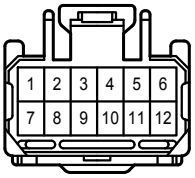
A 3
Black



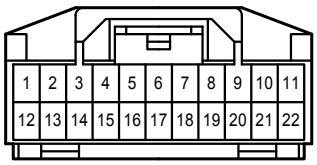
A 45
White



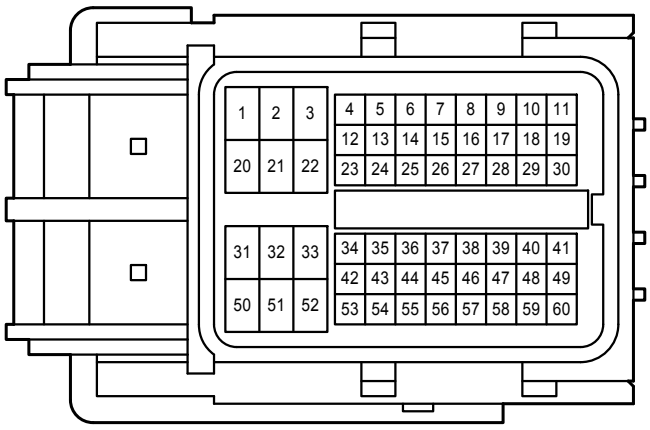
A 46
White



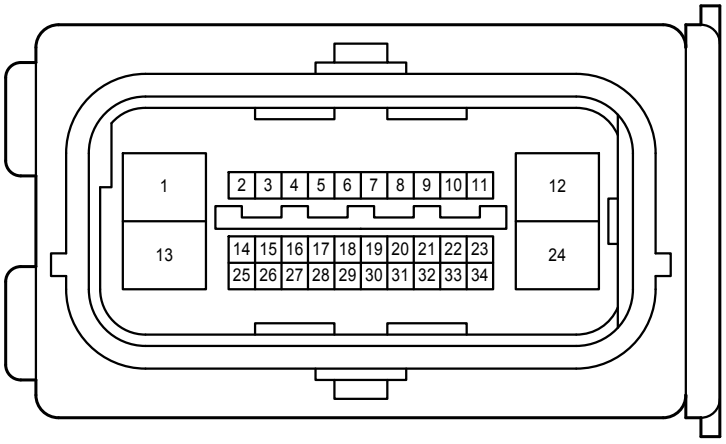
A 47
White



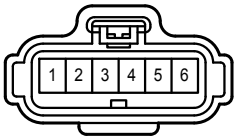
A 50
Black



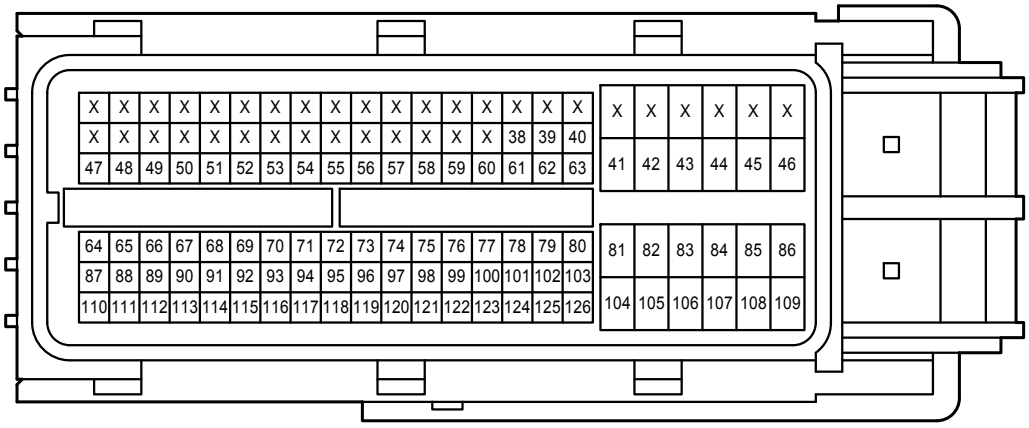
A 66
Black



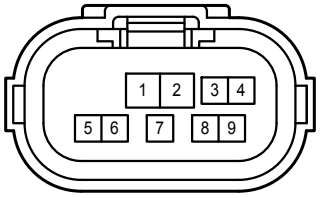
B 25
Black



B 31
Black

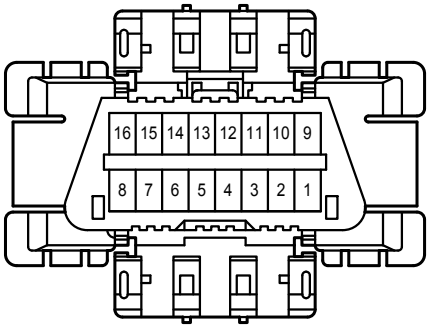


B 88
Gray

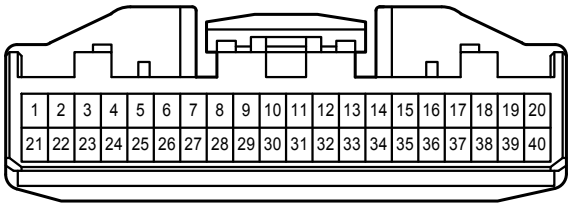


E 6
Black

E 11
White



E 46
White



E 58
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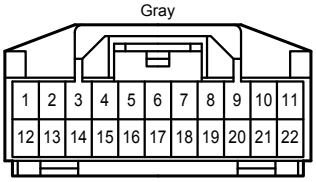

Y 2
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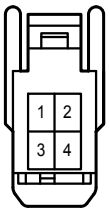

1B
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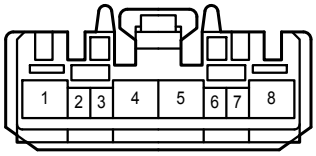

2B
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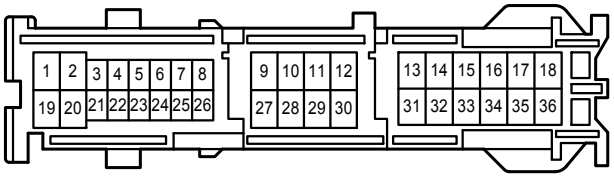

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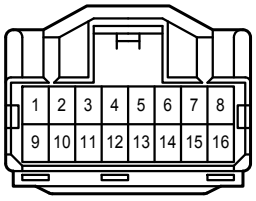

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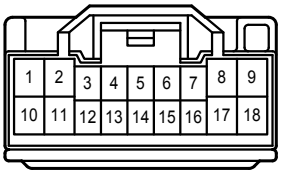

2M
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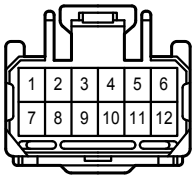

3B
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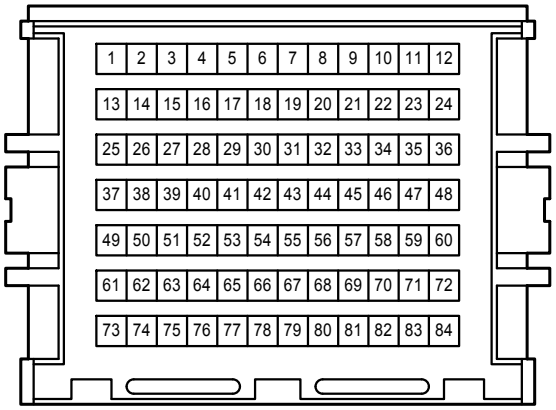

4A
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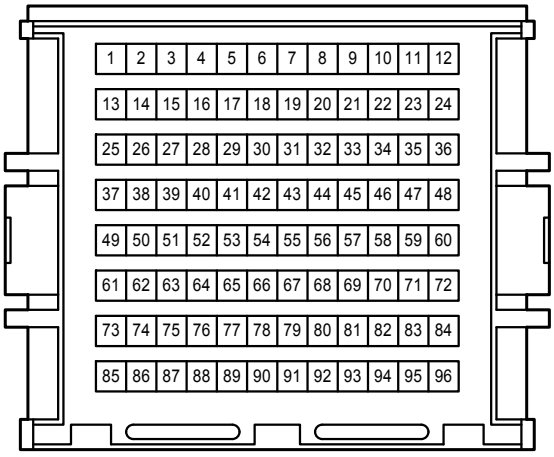

4B
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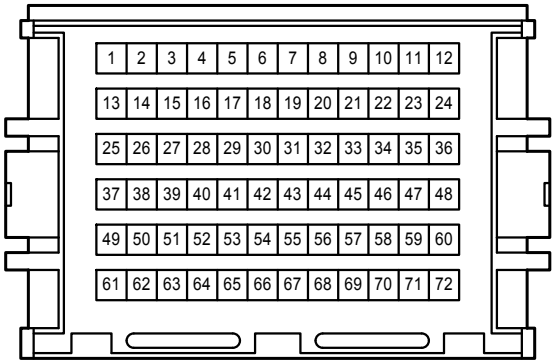

4C
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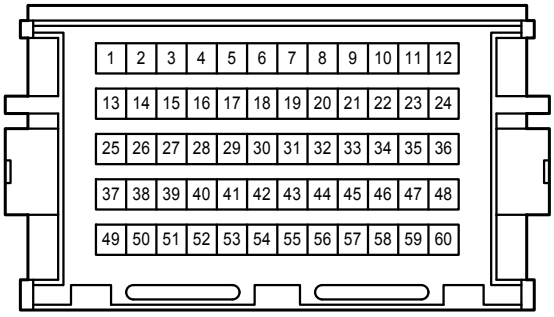

AE6
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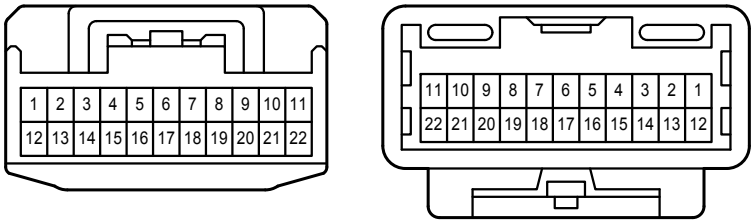
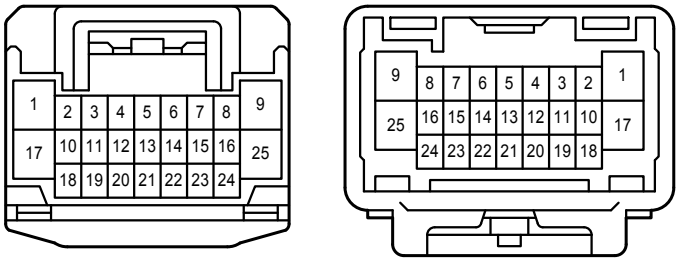


AE10
Gray



BA2
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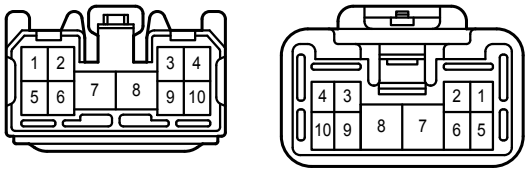
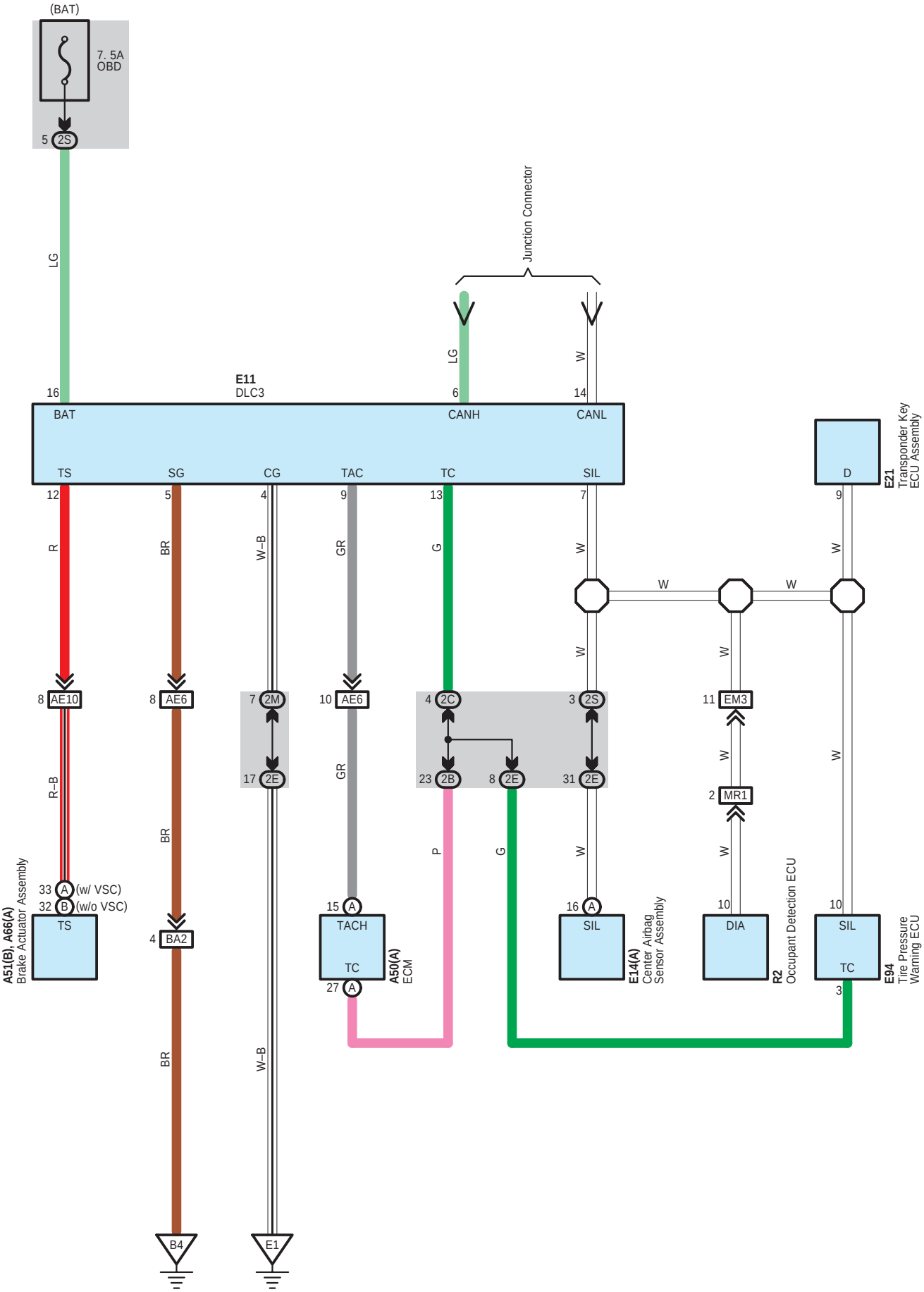
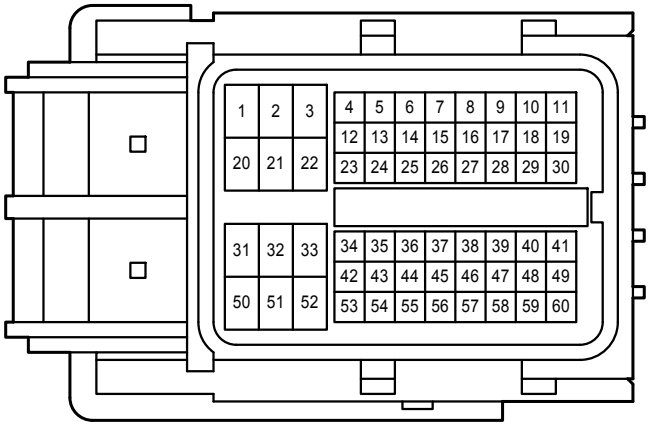
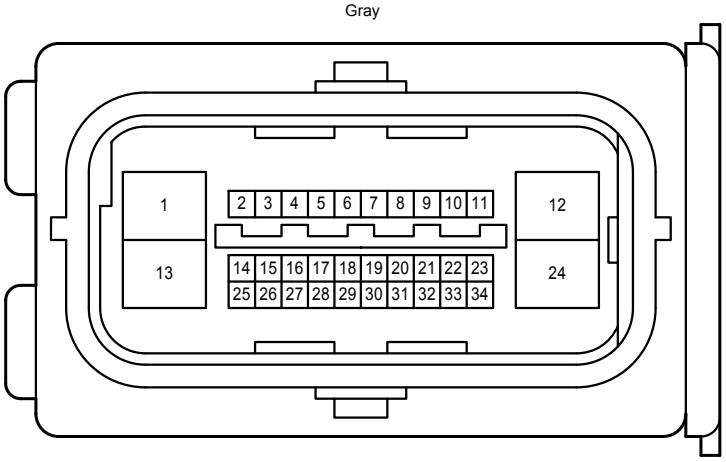



(BAT)
7. 5A
OBD
5
2S
LG
Junction Connector
LG
W
E11
DLC3
16
BAT
6
CANH
14
CANL
TS
SG
CG
TAC
TC
SIL
D
E21
Transponder Key
ECU Assembly
12
R
5
BR
4
W–B
9
GR
13
G
7
W
9
W
W
W
W
W
8
AE10
R–B
8
AE6
BR
BR
7
2M
17
2E
10
AE6
GR
4
2C
23
2B
8
2E
P
G
3
2S
31
2E
W
11
EM3
W
2
MR1
W
10
W
33
A
(w/ VSC)
32
B
(w/o VSC)
TS
A51(B), A66(A)
Brake Actuator Assembly
4
BA2
15
A
TACH
TC
27
A
A50(A)
ECM
16
A
SIL
E14(A)
Center Airbag
Sensor Assembly
10
DIA
R2
Occupant Detection ECU
10
SIL
TC
3
E94
Tire Pressure
Warning ECU
B4
E1

A 50
Black



A 51
Gray



A 66
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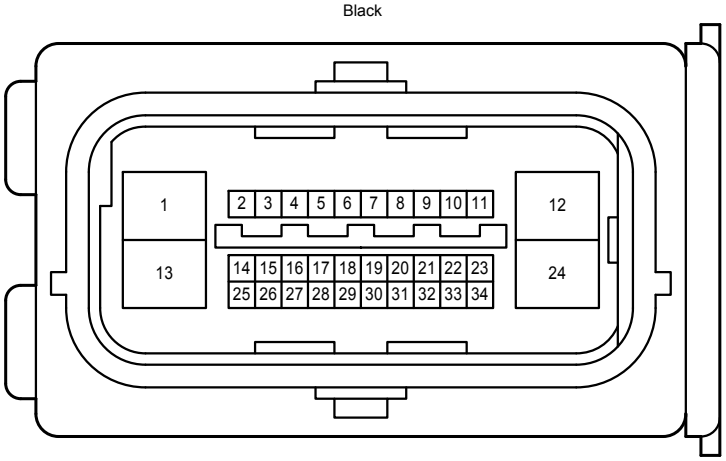

E 11
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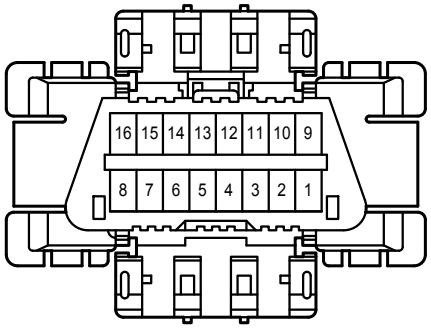
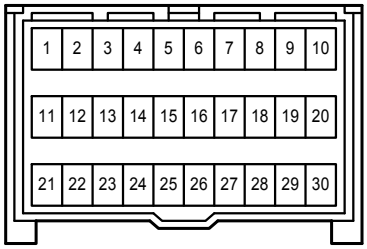


E 14
Yellow



E 21
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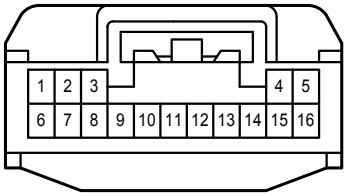
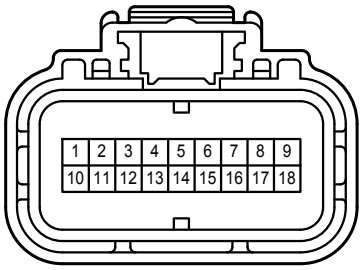


E 94
Black

R 2
Black



2B
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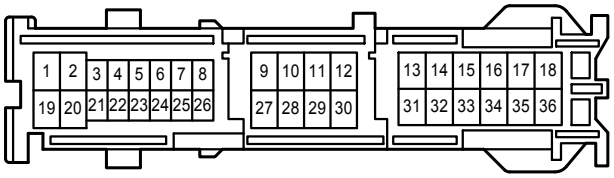

2C
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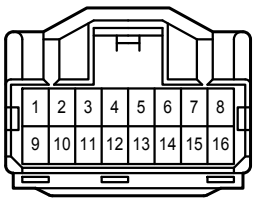
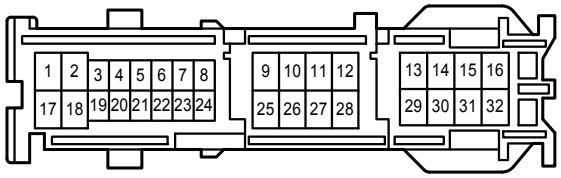


2E
White



2M
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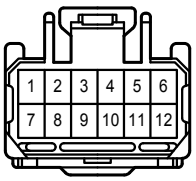
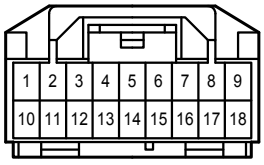
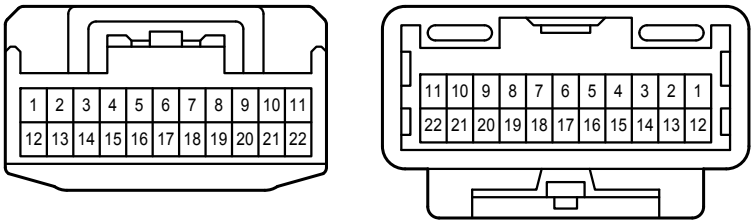


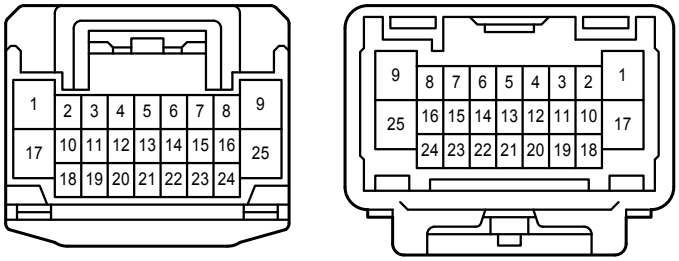
2S
White



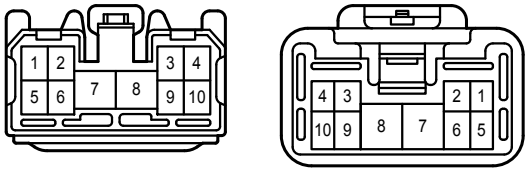
AE6
Gray

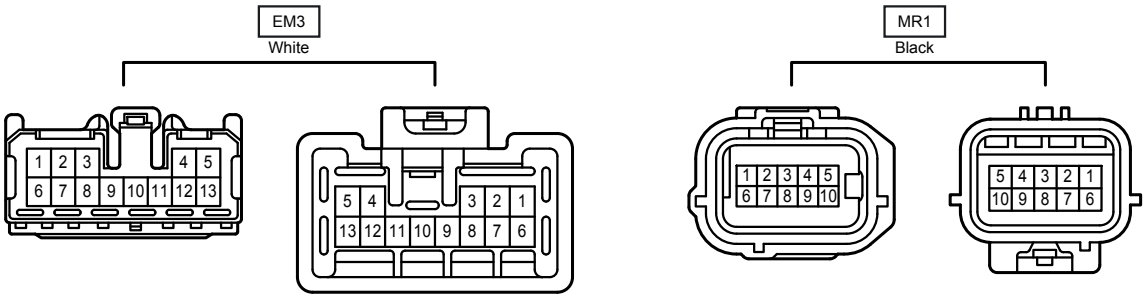


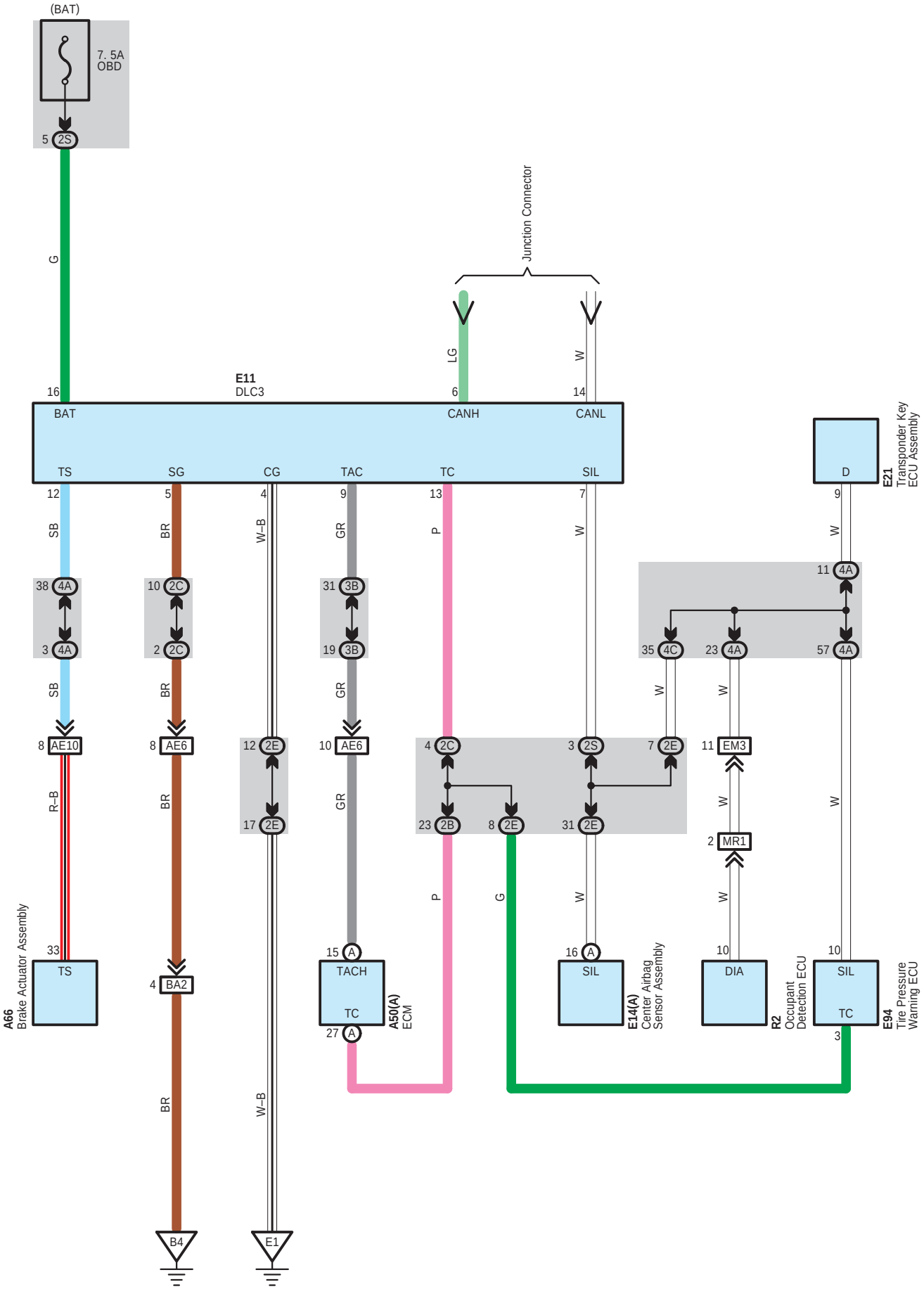
AE10
Gray



BA2
White




EM3
White
1 2 3 4 5
6 7 8 9 10 11 12 13
5 4 3 2 1
13 12 11 10 9 8 7 6
MR1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(BAT)
7. 5A
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DLC3
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TAC
TC
SIL
Junction Connector
LG
W
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CANH
CANL
D
E21
Transponder Key
ECU Assembly
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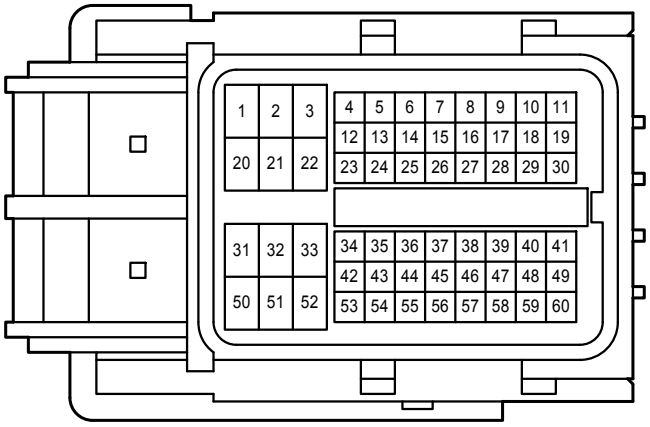
W-B
GR
P
W
W
38 4A
3 4A
10 2C
2 2C
31 3B
19 3B
11 4A
35 4C
23 4A
57 4A
SB
BR
GR
W
8 AE10
8 AE6
12 2E
17 2E
10 AE6
4 2C
23 2B
8 2E
3 2S
31 2E
7 2E
11 EM3
2 MR1
R-B
BR
P
G
W
33
TS
A66
Brake Actuator Assembly
4 BA2
15 A
TACH
TC
27 A
A50(A)
ECM
16 A
SIL
E14(A)
Center Airbag
Sensor Assembly
10
DIA
R2
Occupant
Detection ECU
10
SIL
TC
3
E94
Tire Pressure
Warning ECU
B4
E1

A 50
Black



A 66
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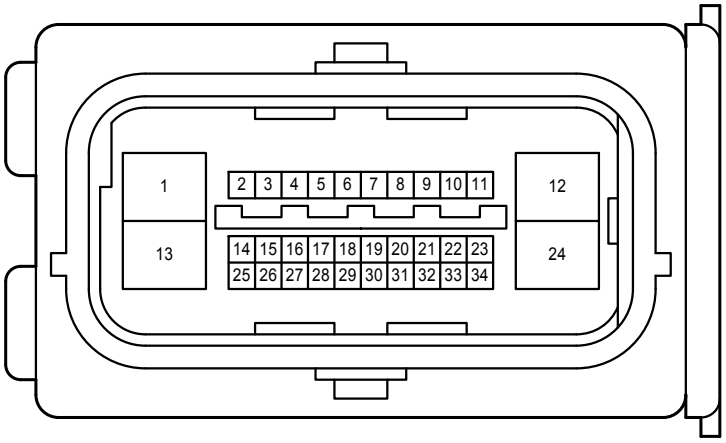
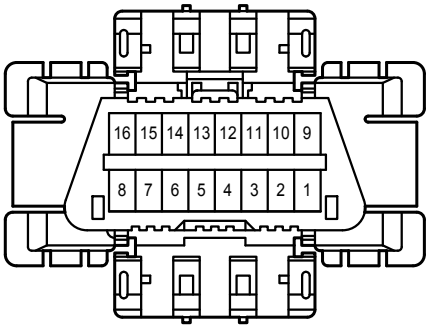
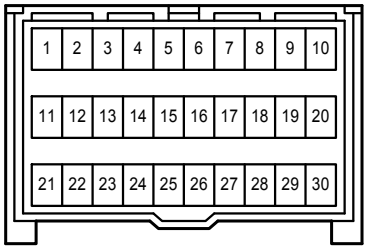


E 11
White



E 14
Yellow



E 21
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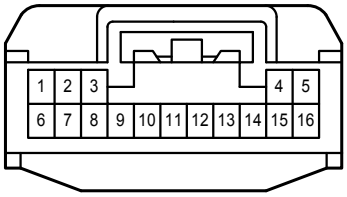
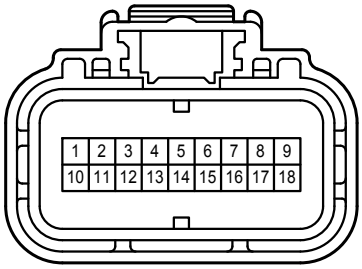
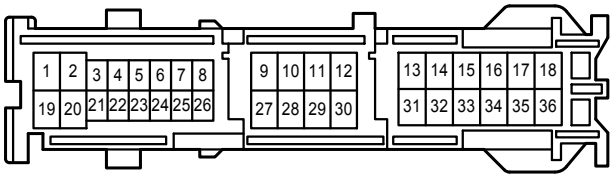


E 94
Black

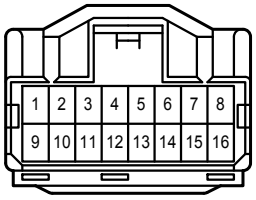
R 2
Black



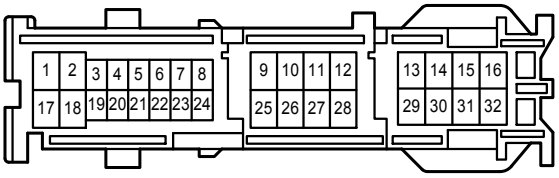
2B
White



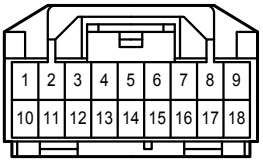
2C
White



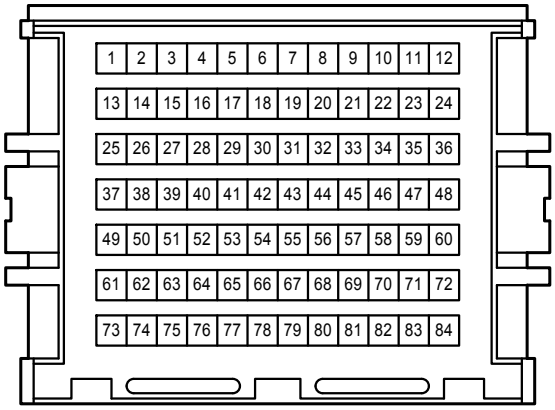
2E
White



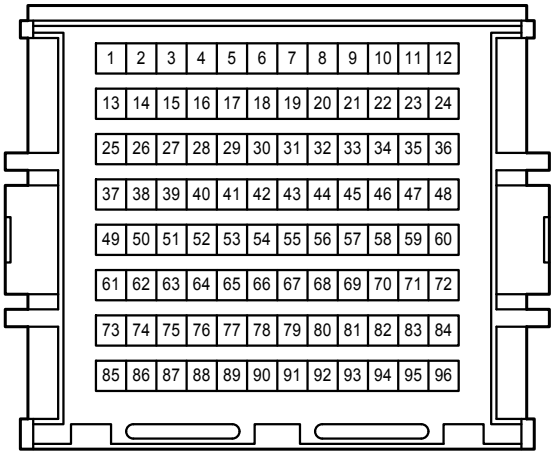
2S
White



3B
White



4A
White



4C
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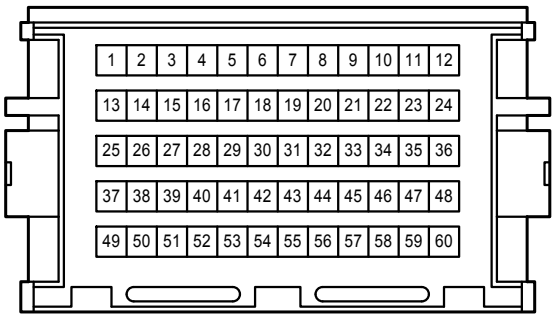

AE6
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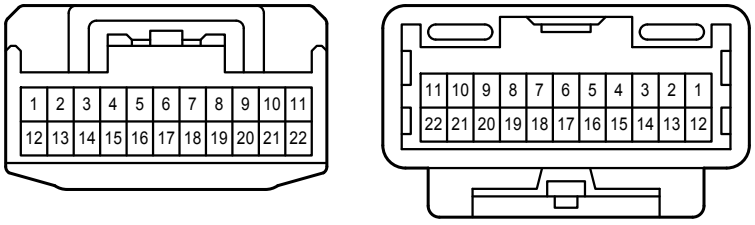
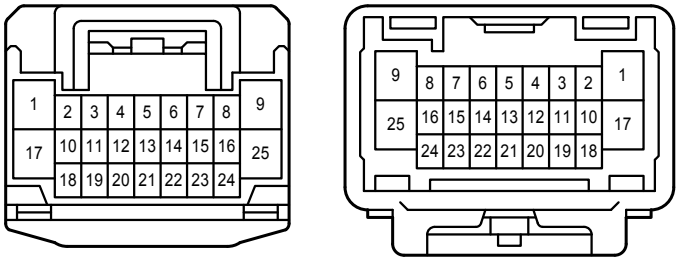


AE10
Gray



BA2
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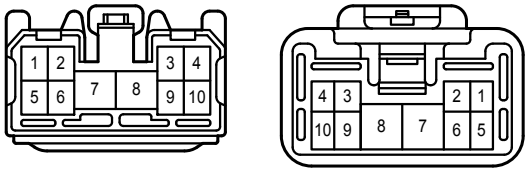
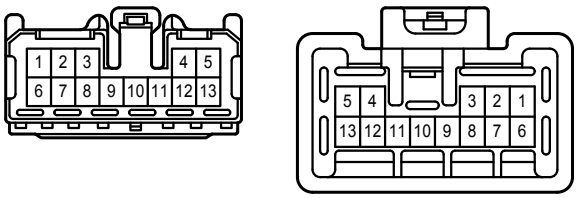
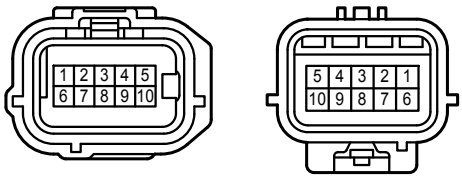
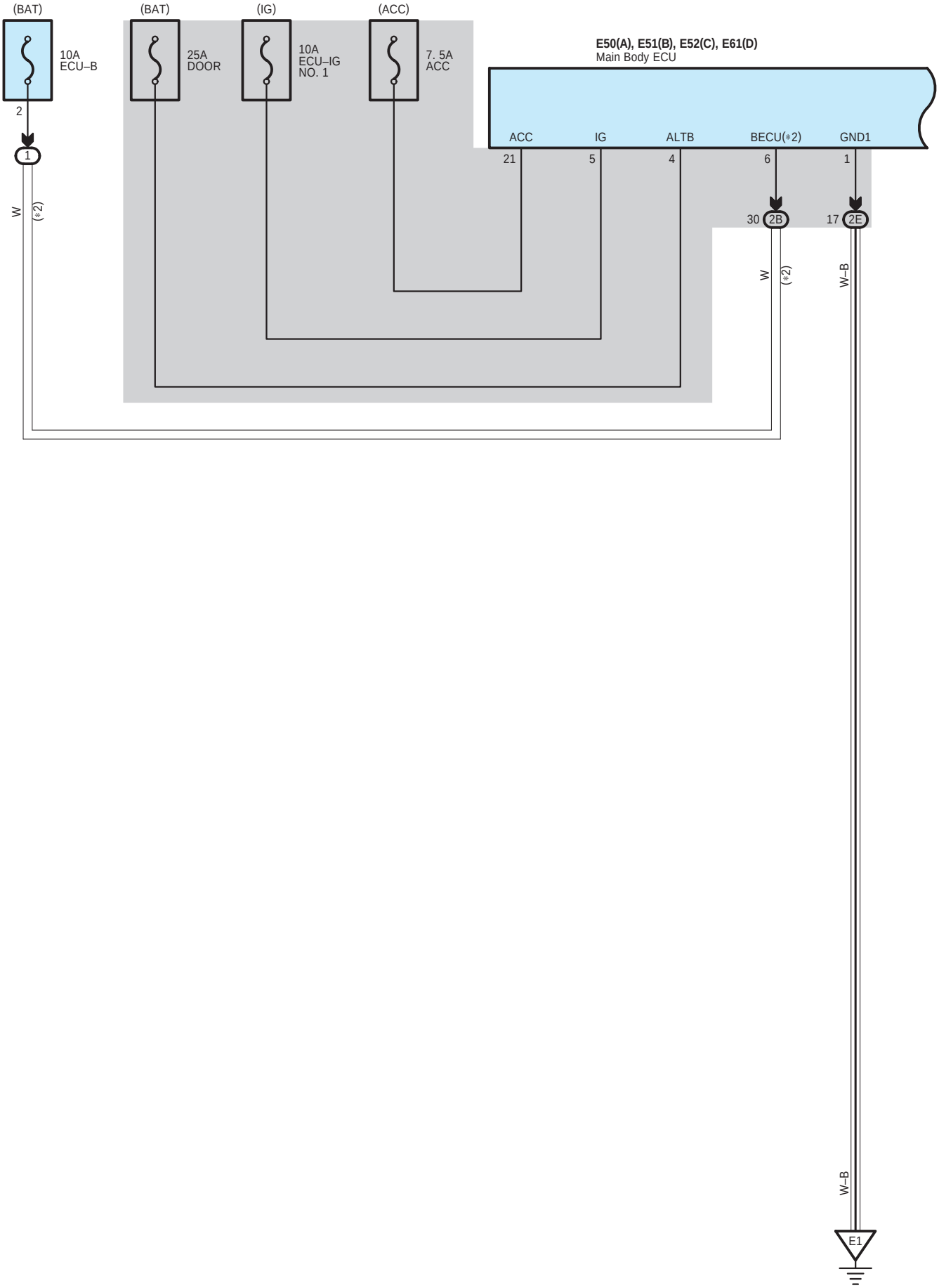


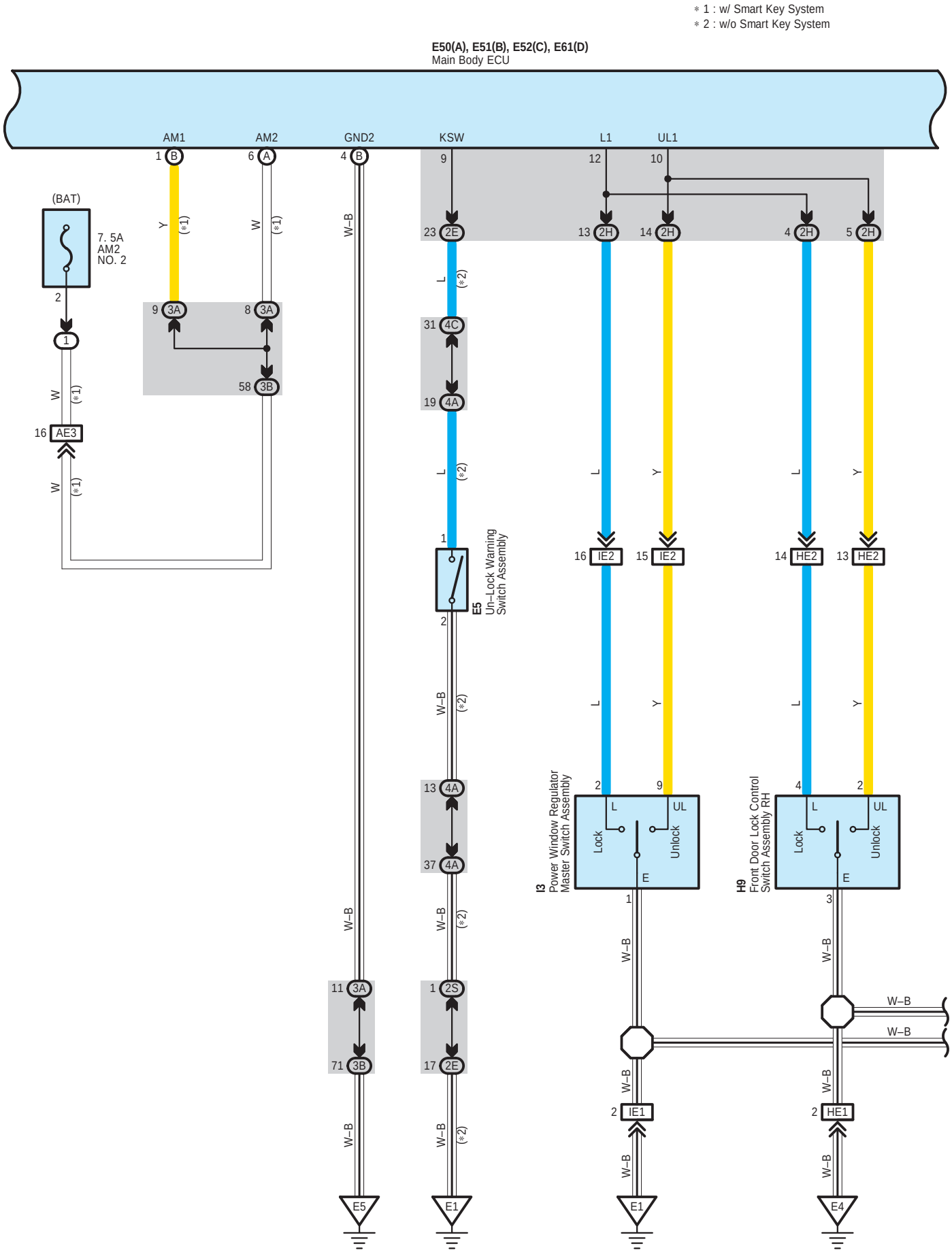
EM3
White

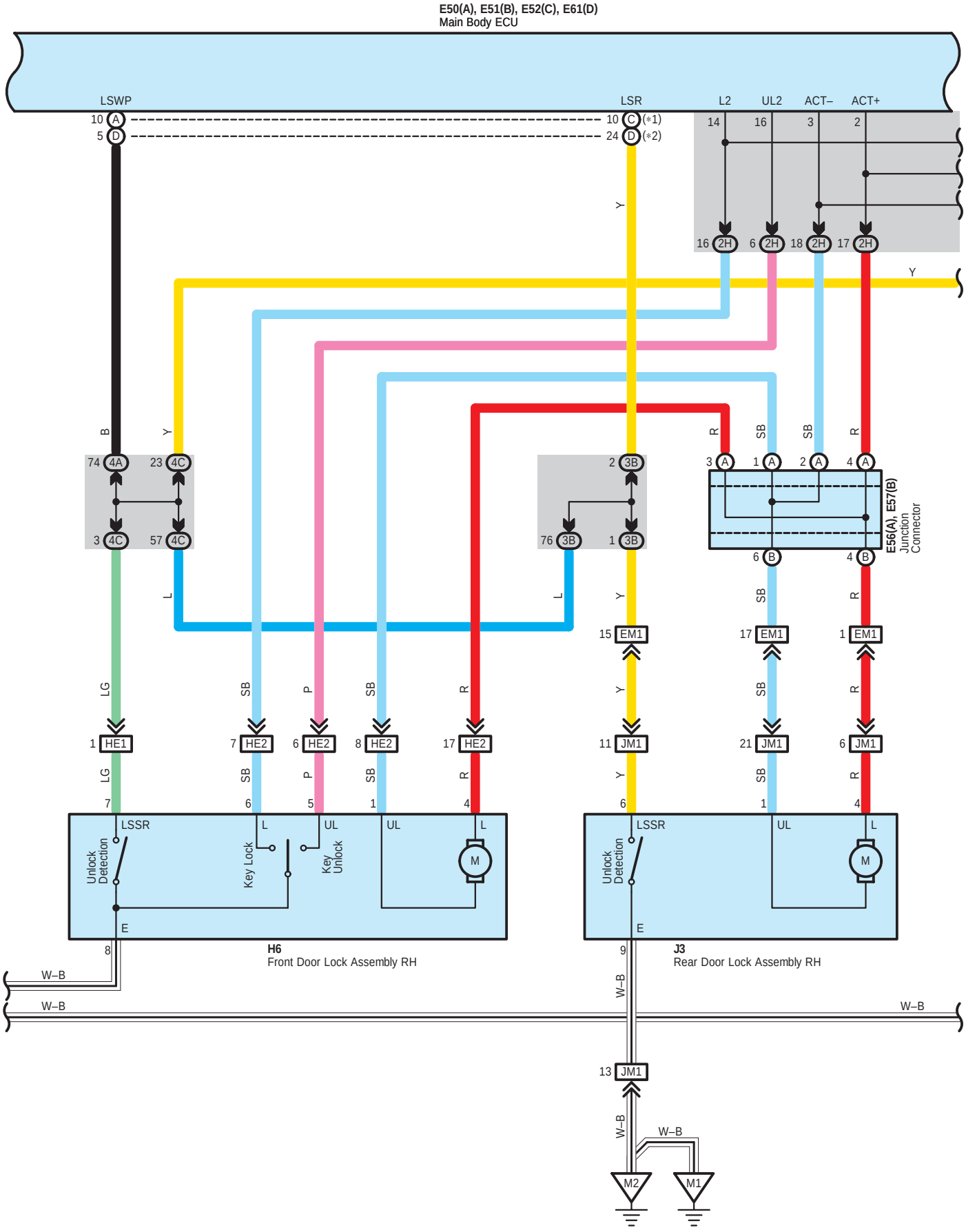


MR1
Black

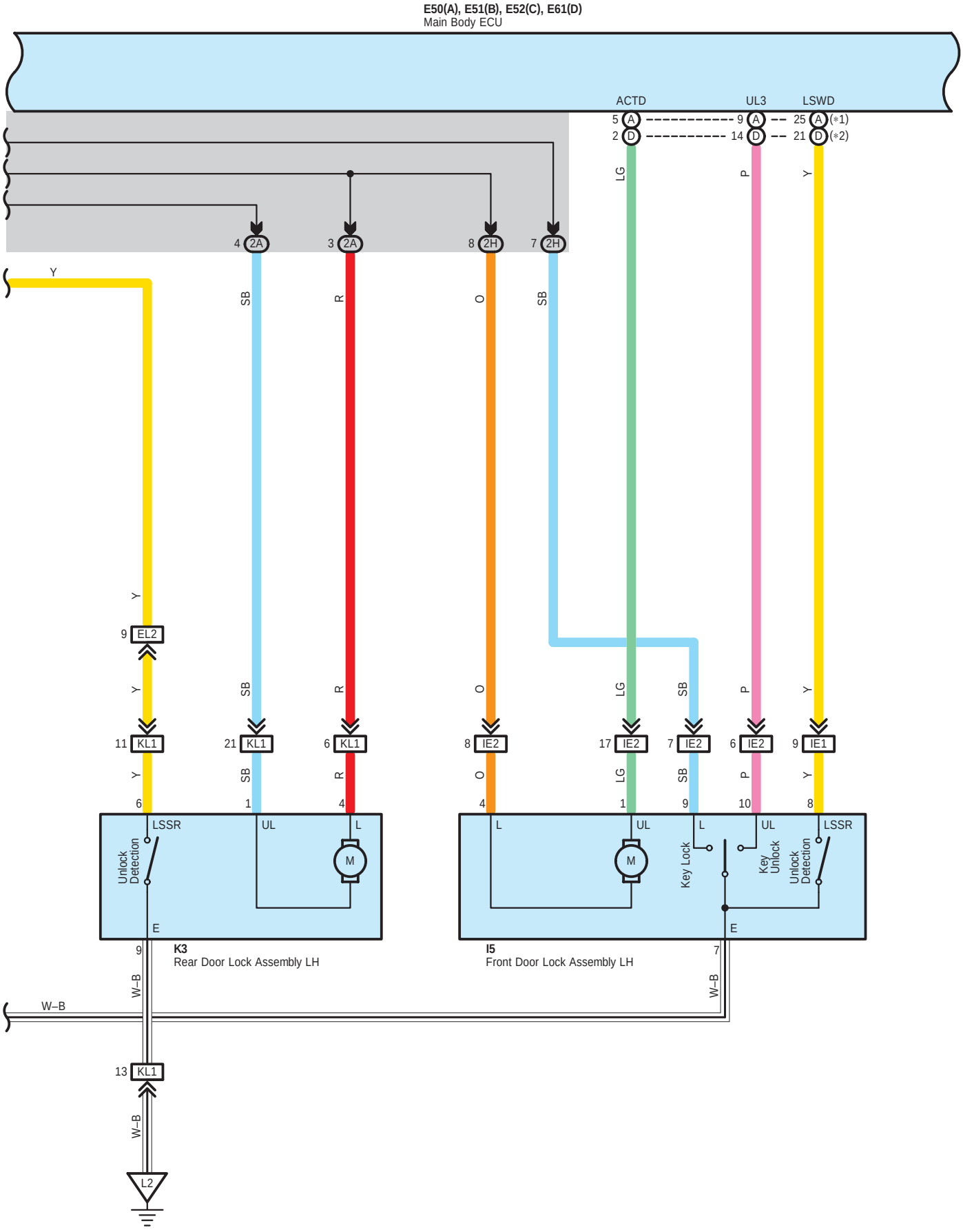


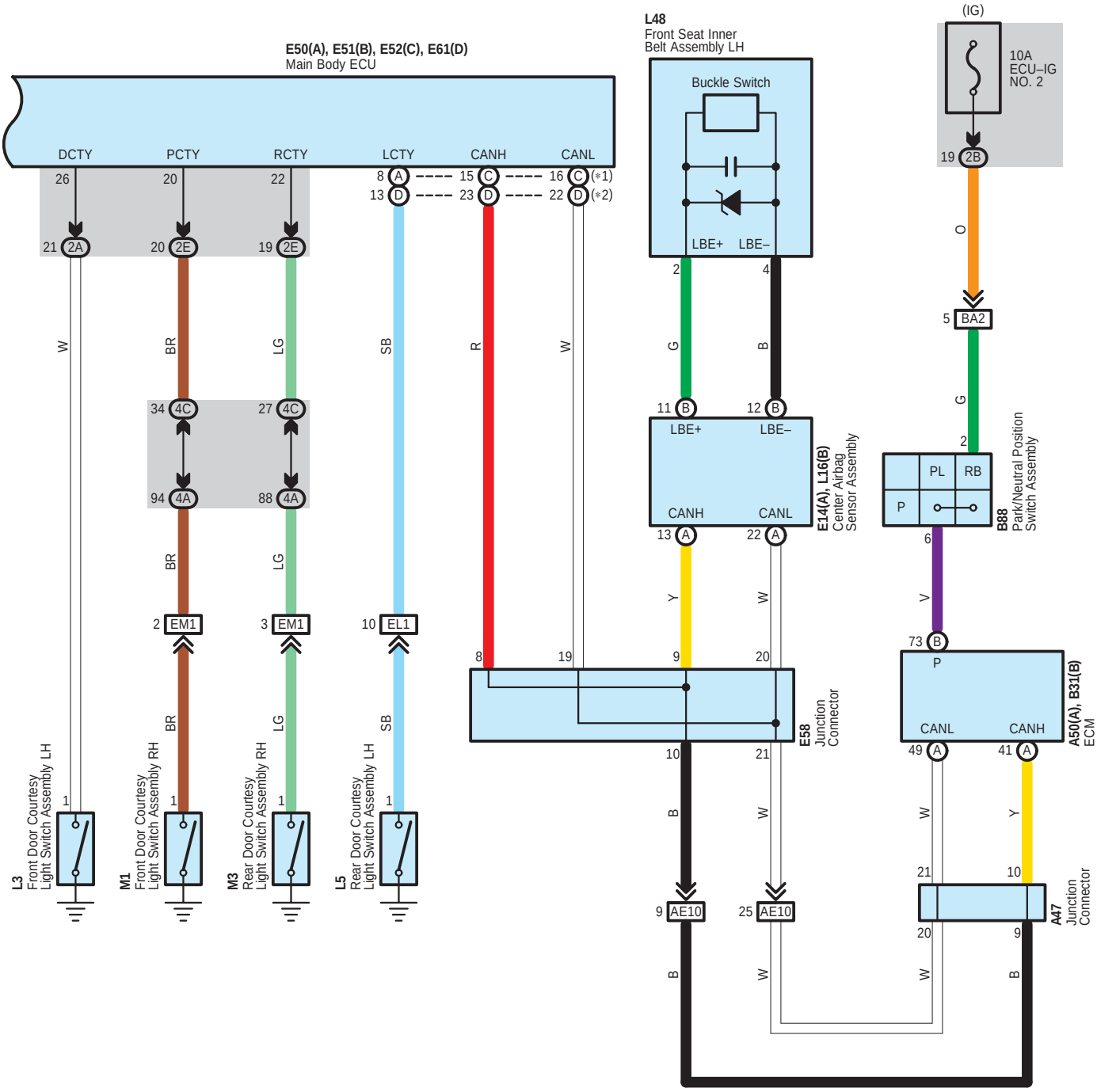

(BAT)
10A
ECU–B
2
1
W
(*2)
(BAT)
25A
DOOR
(IG)
10A
ECU–IG
NO. 1
(ACC)
7. 5A
ACC
E50(A), E51(B), E52(C), E61(D)
Main Body ECU
ACC
IG
ALTB
BECU(*2)
GND1
21
5
4
6
1
30
2B
17
2E
W
(*2)
W–B
W–B
E1


* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
E50(A), E51(B), E52(C), E61(D)
Main Body ECU
AM1
AM2
GND2
KSW
L1
UL1
(BAT)
7. 5A
AM2
NO. 2
AE3
E5
Un–Lock Warning
Switch Assembly
I3
Power Window Regulator
Master Switch Assembly
H9
Front Door Lock Control
Switch Assembly RH
Lock
Unlock
IE2
HE2
IE1
HE1
E1
E4
E5
W–B


E50(A), E51(B), E52(C), E61(D)
Main Body ECU
LSWP
LSR
L2
UL2
ACT–
ACT+
10 A
5 D
10 C (*1)
24 D (*2)
14
16
3
2
16 2H
6 2H
18 2H
17 2H
Y
B
74 4A
23 4C
3 4C
57 4C
2 3B
76 3B
1 3B
3 A
1 A
2 A
4 A
R
SB
SB
R
E56(A), E57(B)
Junction
Connector
6 B
4 B
L
L
Y
SB
R
15 EM1
17 EM1
1 EM1
LG
SB
P
SB
R
Y
SB
R
1 HE1
7 HE2
6 HE2
8 HE2
17 HE2
11 JM1
21 JM1
6 JM1
LG
SB
P
SB
R
Y
SB
R
7
6
5
1
4
6
1
4
LSSR
L
UL
UL
L
LSSR
UL
L
Unlock
Detection
Key Lock
Key
Unlock
M
Unlock
Detection
M
E
E
8
9
H6
Front Door Lock Assembly RH
J3
Rear Door Lock Assembly RH
W–B
W–B
W–B
W–B
13 JM1
W–B
W–B
M2
M1

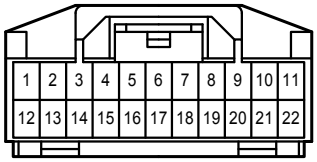
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System



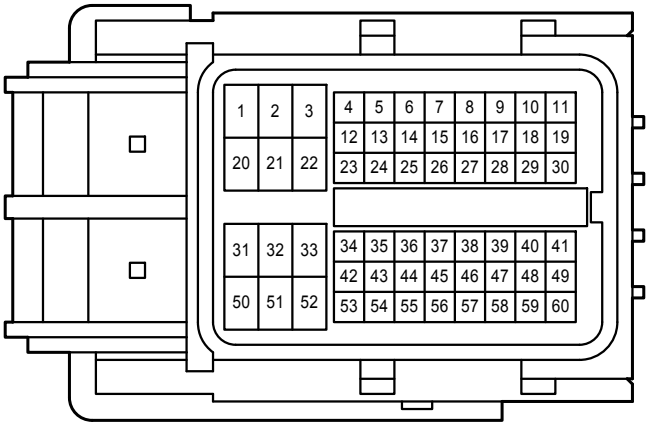


* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

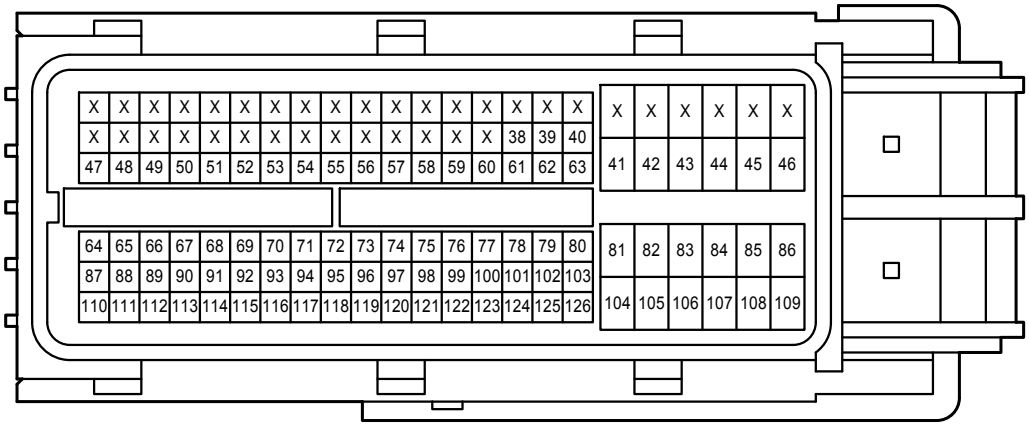
A 47
White



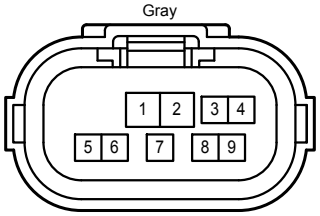
A 50
Black



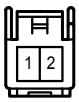
B 31
Black



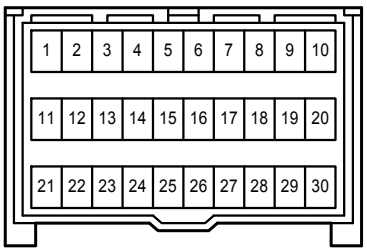
B 88
Gray



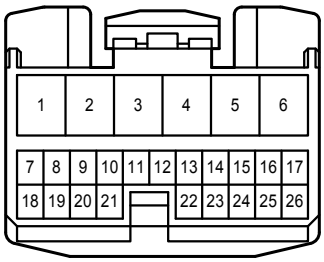
E 5
White



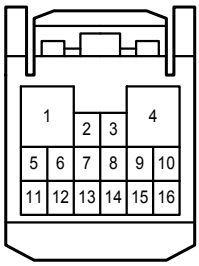
E 14
Yellow



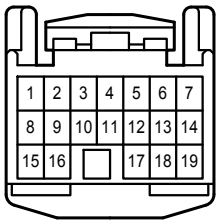
E 50
White



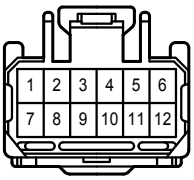
E 51
White



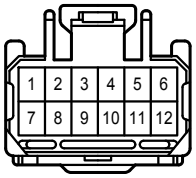
E 52
White



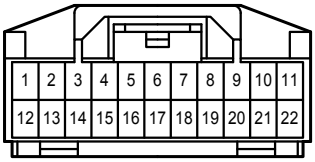
E 56
White



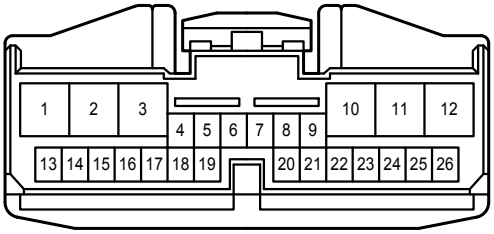
E 57
White



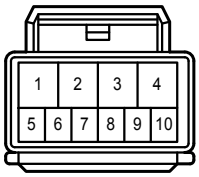
E 58
Gray



E 61
White



H 6
White



H 9
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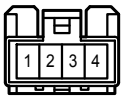
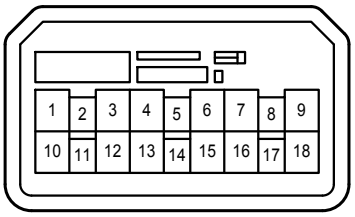
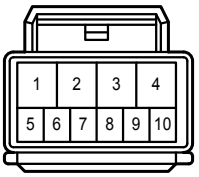


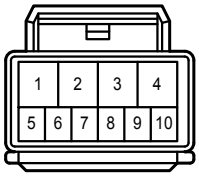
I 3
White



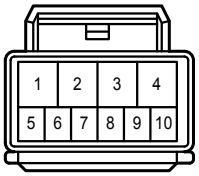
I 5
White



J 3
White



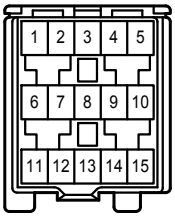
K 3
White



L 3
Black

L 5
Black

L 16
Yellow

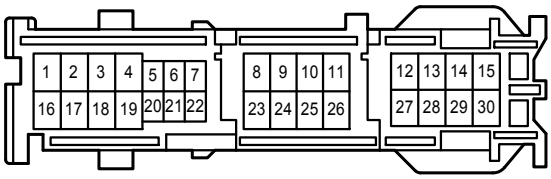


L 48
White

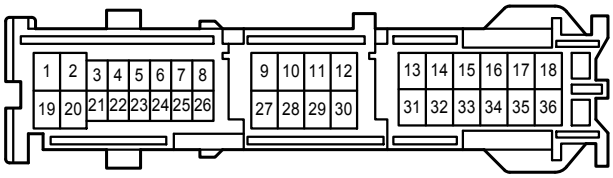
M 1
Black

M 3
Black

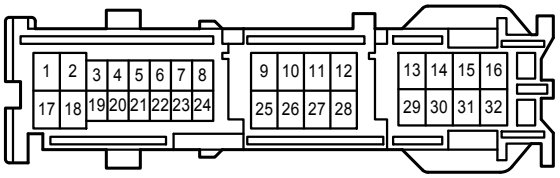
2A
White



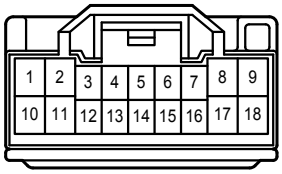
2B
White



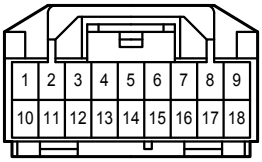
2E
White



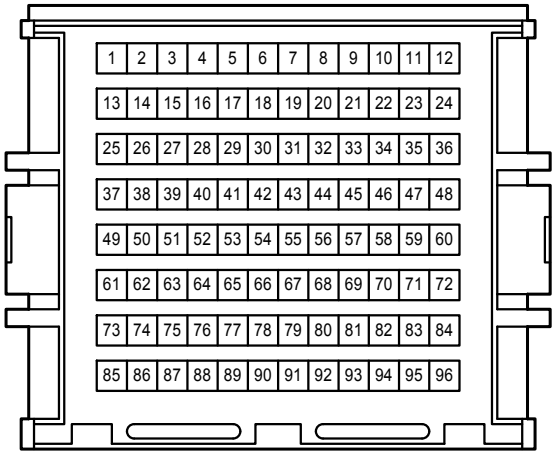
2H
White



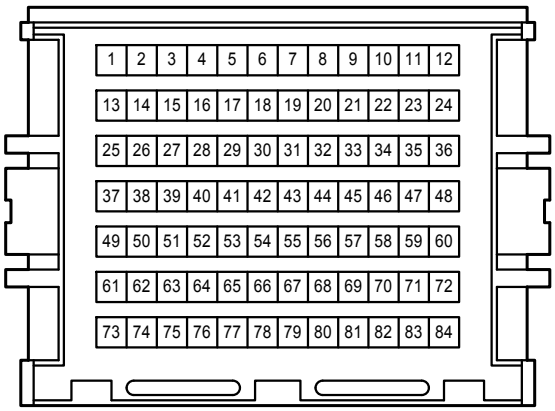
2S
White



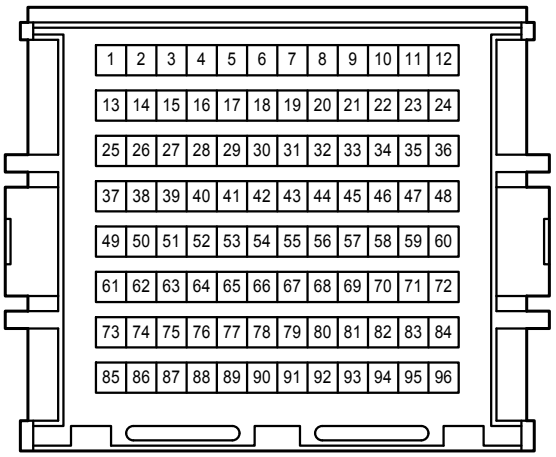
3A
White



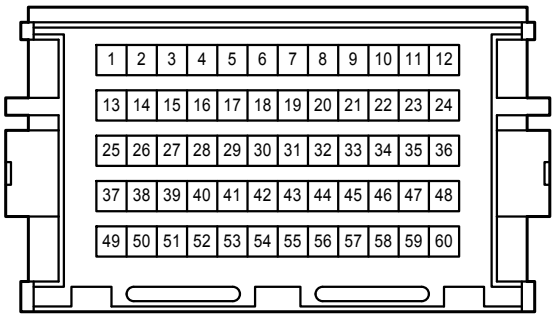
3B
White



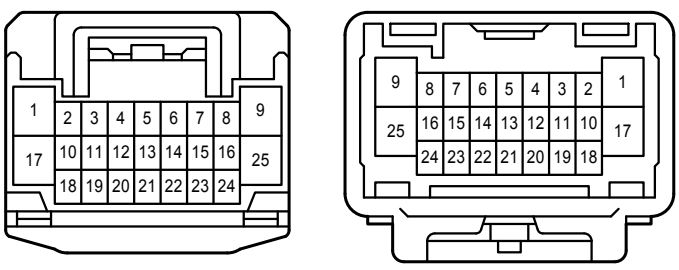
4A
White



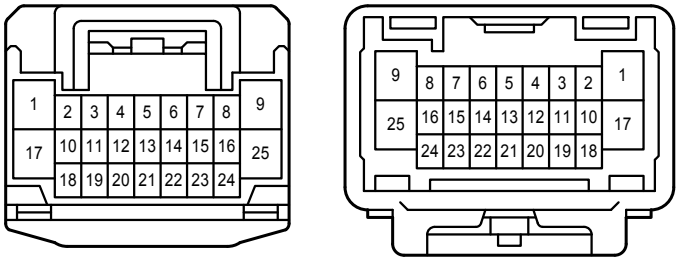
4C
White



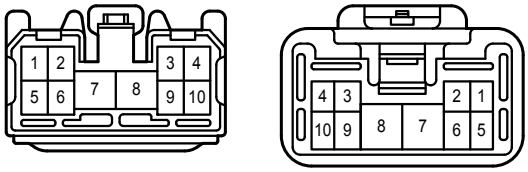
AE3
White



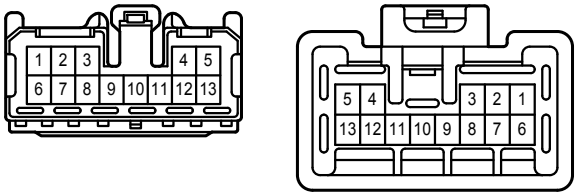
AE10
Gray



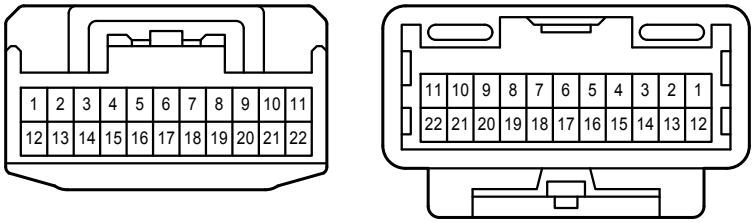
BA2
White



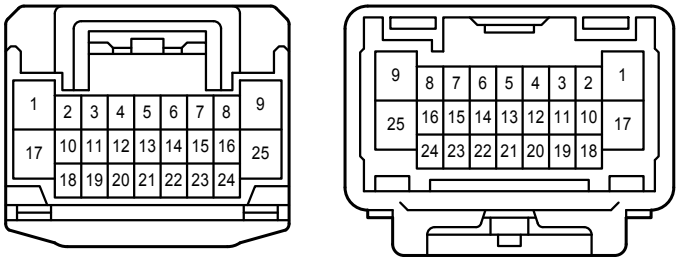
EL1
White



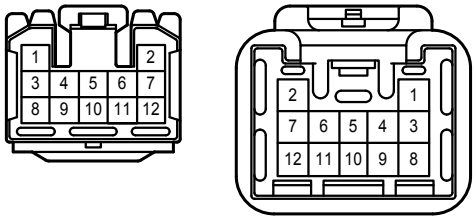
EL2
White



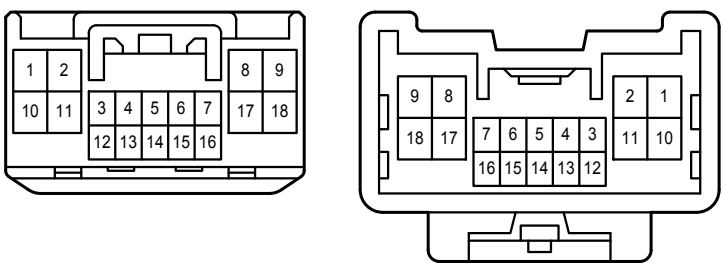
EM1
Gray



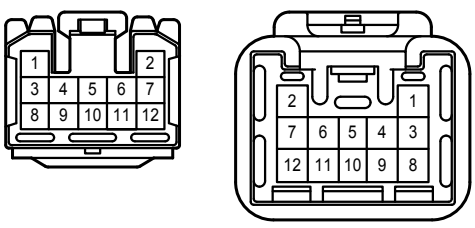
HE1
Blue

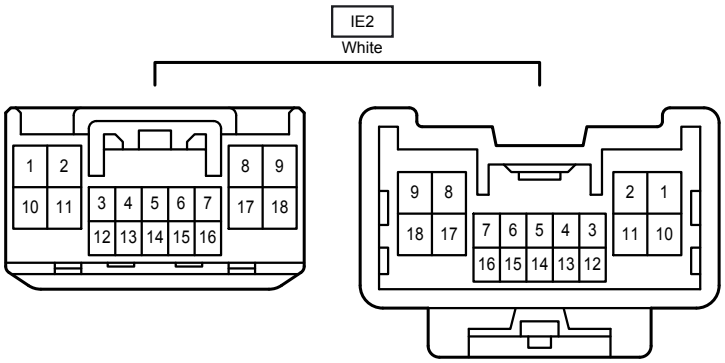


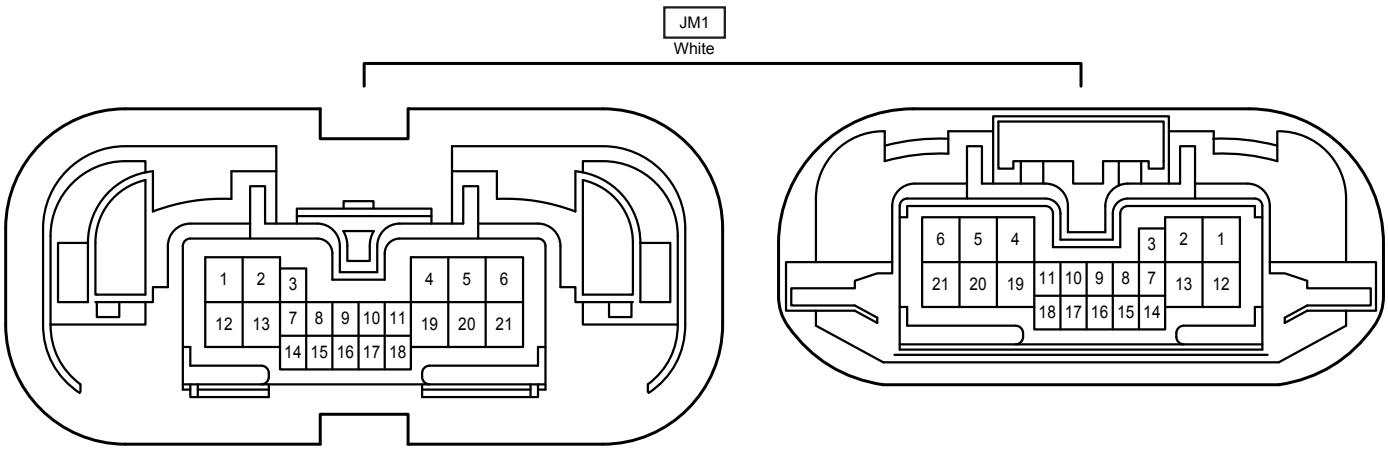
HE2
White

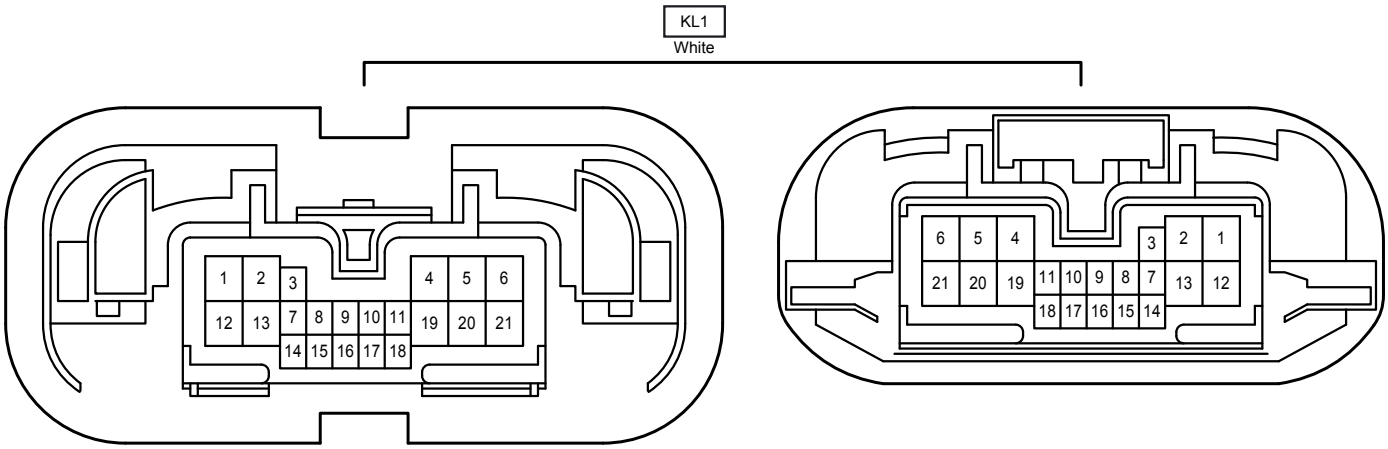


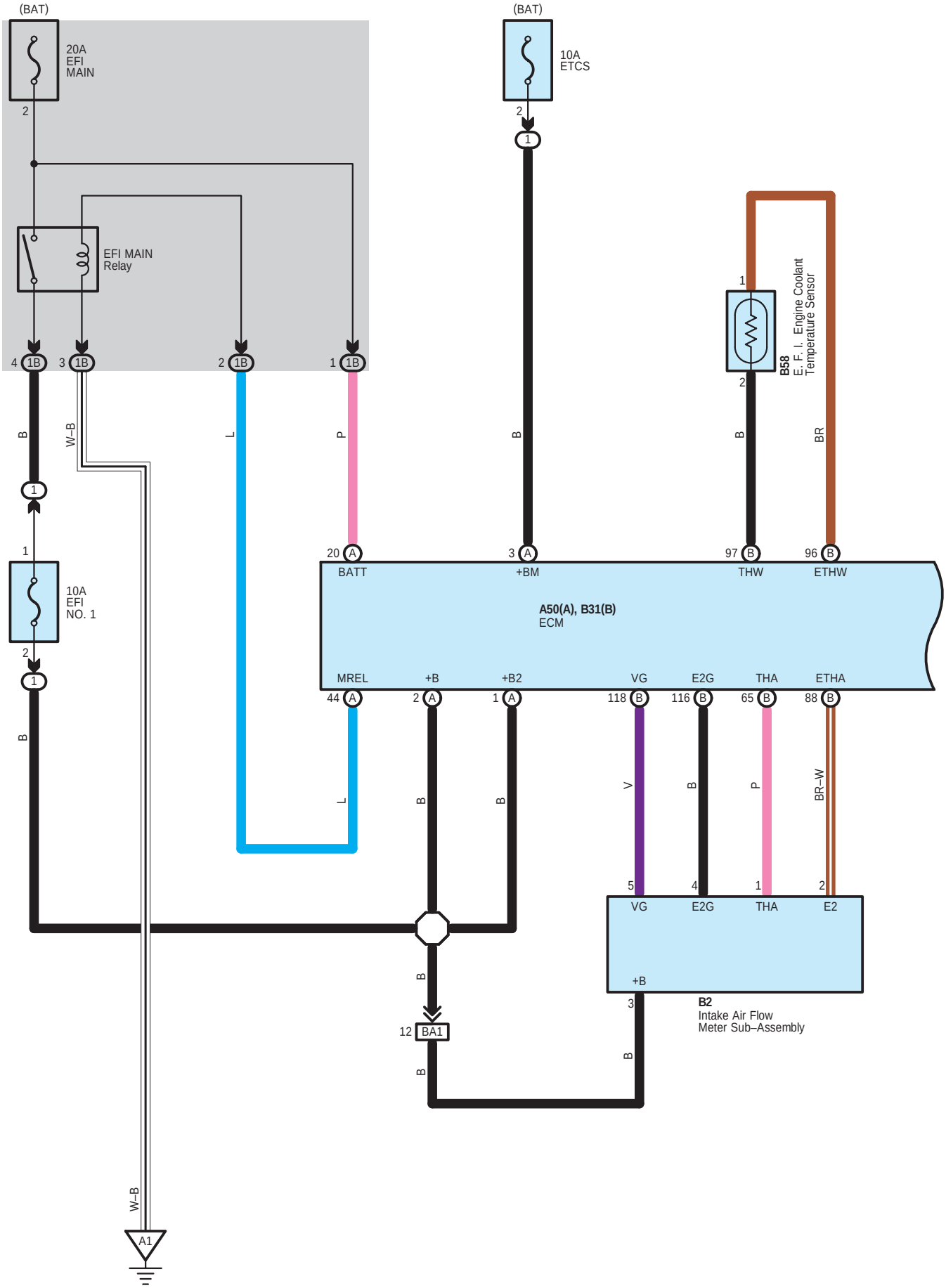
IE1
Blue

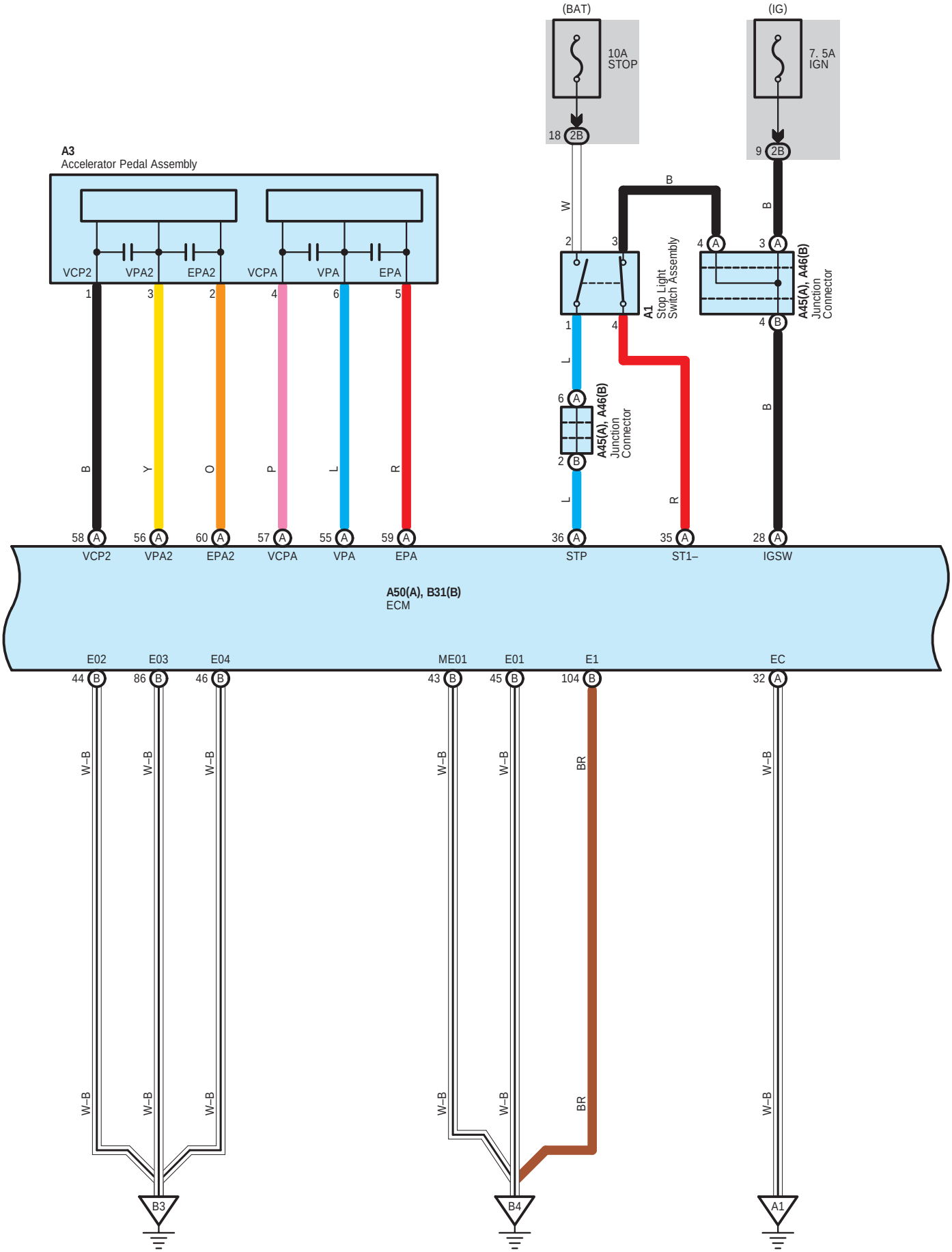



IE2
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12

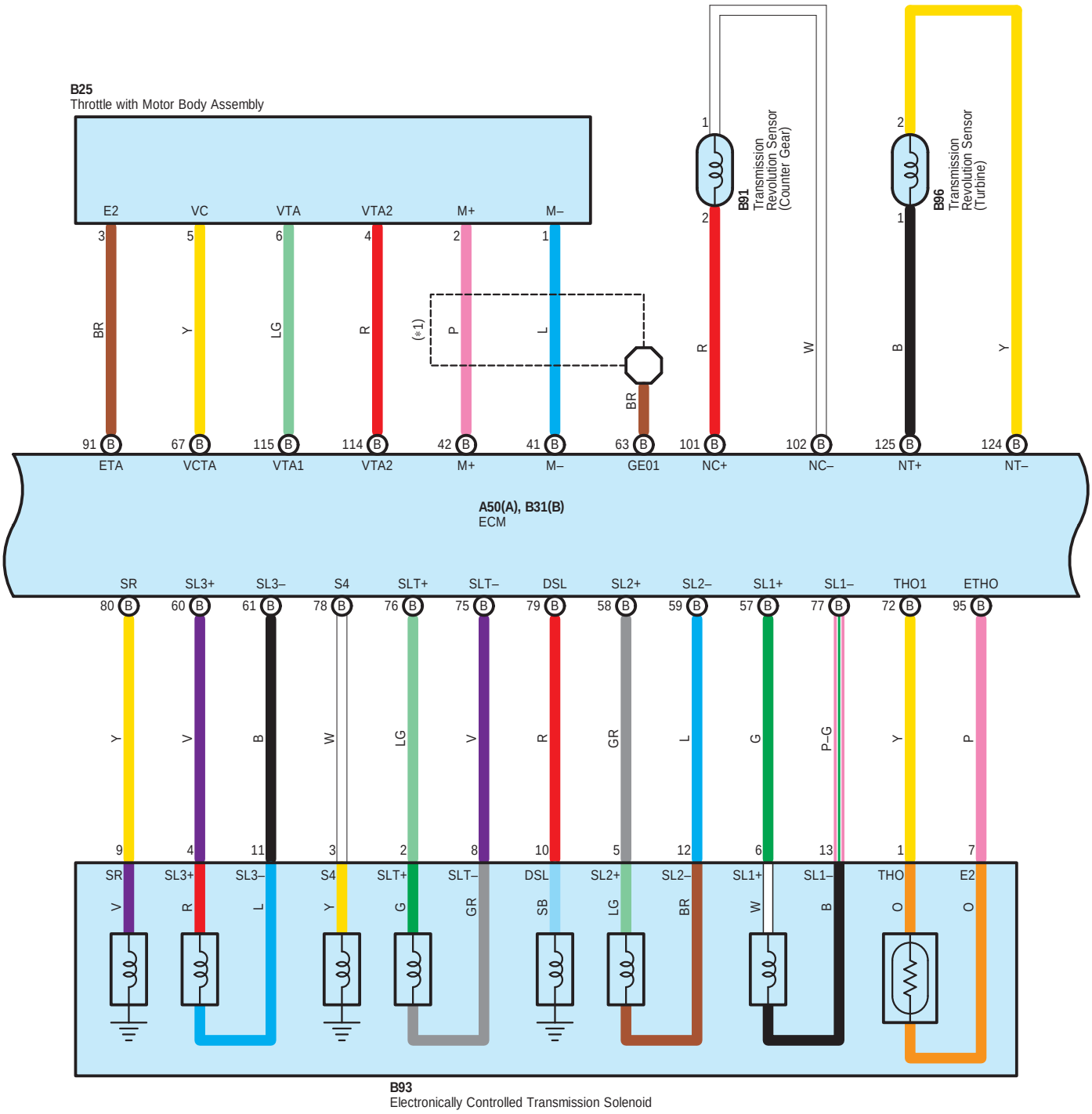

JM1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14

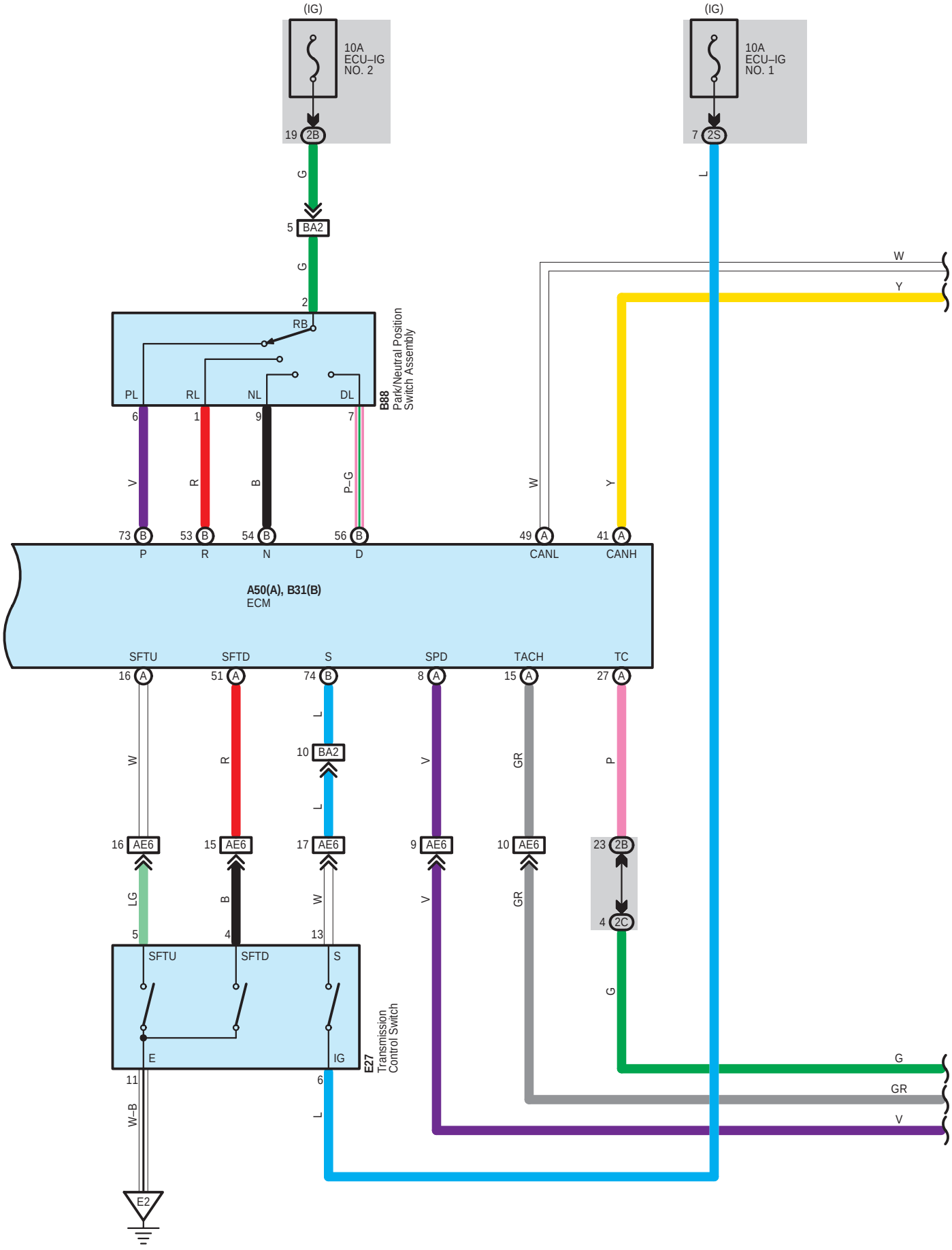

KL1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14

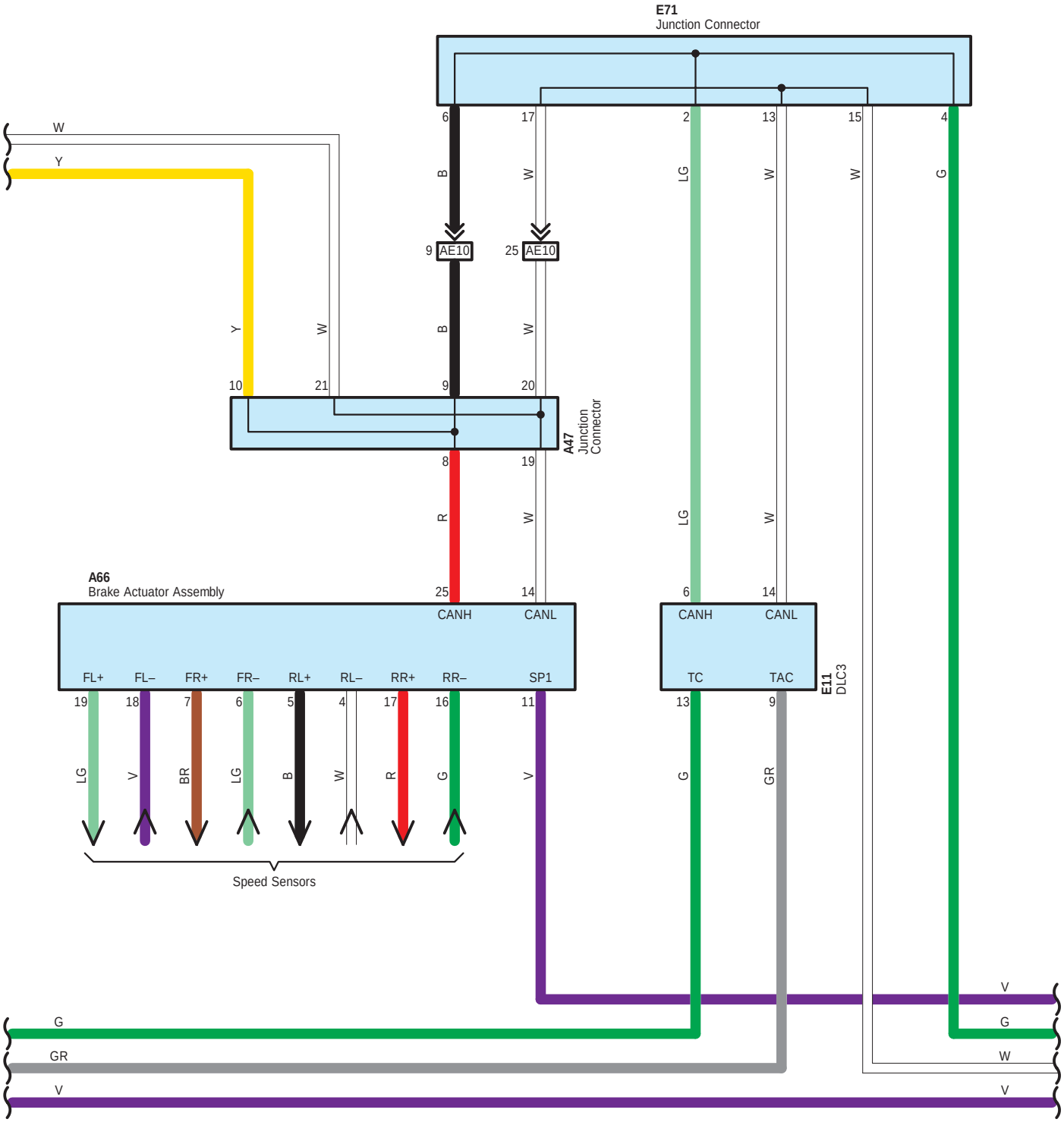

(BAT)
20A
EFI
MAIN
2
EFI MAIN
Relay
4 1B
3 1B
2 1B
1 1B
B
W–B
L
P
1
1
10A
EFI
NO. 1
2
1
B
W–B
A1
(BAT)
10A
ETCS
2
1
B
20 A
BATT
3 A
+BM
1
2
B
BR
B58
E. F. I. Engine Coolant
Temperature Sensor
97 B
THW
96 B
ETHW
A50(A), B31(B)
ECM
MREL
+B
+B2
VG
E2G
THA
ETHA
44 A
2 A
1 A
118 B
116 B
65 B
88 B
L
B
B
V
B
P
BR–W
12 BA1
B
B
5
4
1
2
VG
E2G
THA
E2
+B
3
B2
Intake Air Flow
Meter Sub–Assembly
B

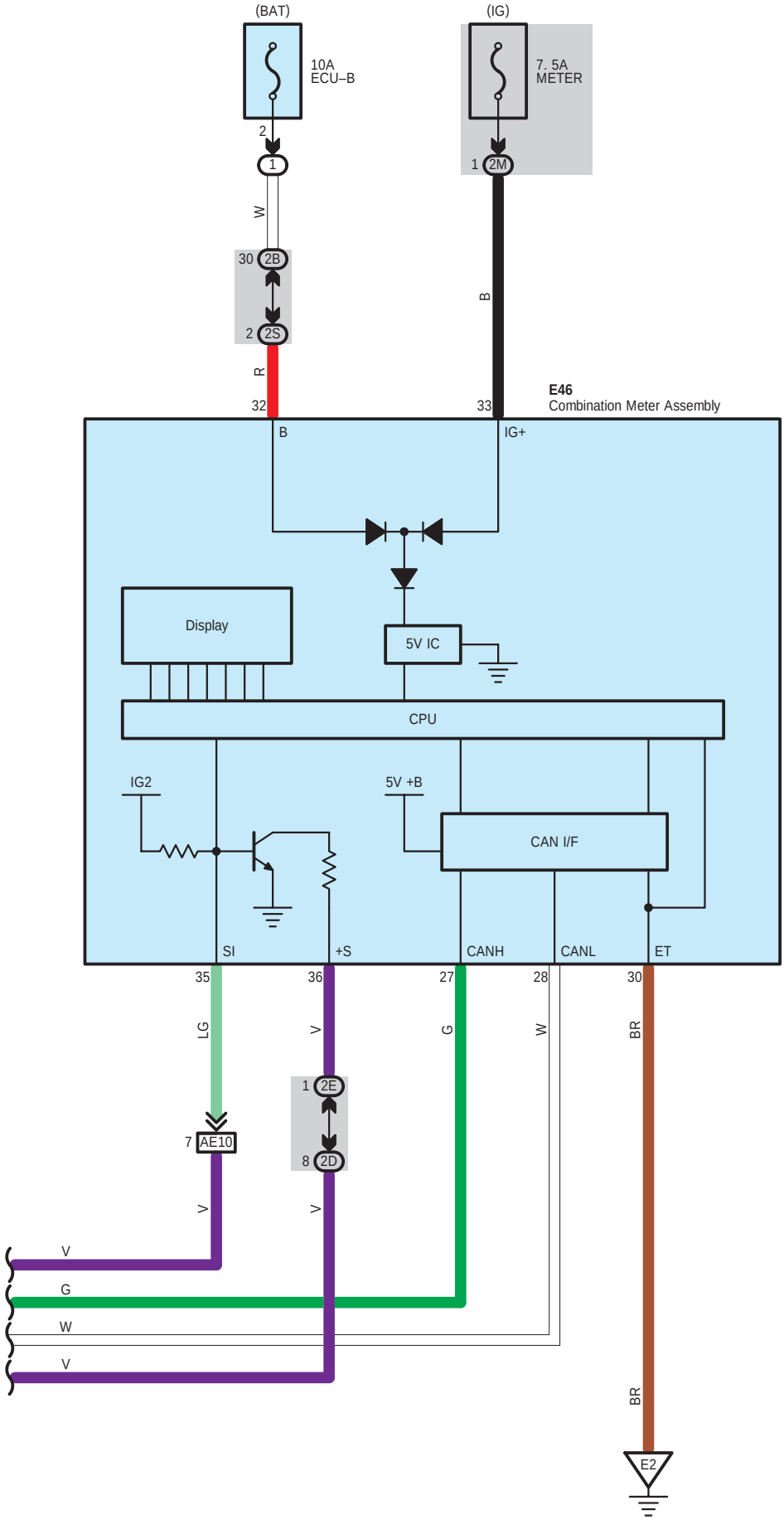

(BAT)
10A
STOP
18 2B
(IG)
7. 5A
IGN
9 2B
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
B
Y
O
P
L
R
58 A
56 A
60 A
57 A
55 A
59 A
VCP2
VPA2
EPA2
VCPA
VPA
EPA
W
B
2
3
4 A
3 A
A1
Stop Light
Switch Assembly
A45(A), A46(B)
Junction
Connector
1
4
4 B
L
6 A
2 B
A45(A), A46(B)
Junction
Connector
L
R
B
36 A
35 A
28 A
STP
ST1–
IGSW
A50(A), B31(B)
ECM
E02
E03
E04
ME01
E01
E1
EC
44 B
86 B
46 B
43 B
45 B
104 B
32 A
W–B
W–B
W–B
W–B
W–B
BR
W–B
W–B
W–B
W–B
W–B
BR
W–B
B3
B4
A1

∗ 1 : Shielded

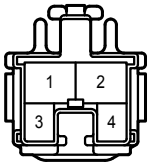

B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
BR
Y
LG
R
(∗1)
P
L
BR
B91
Transmission Revolution Sensor (Counter Gear)
1
2
R
W
B96
Transmission Revolution Sensor (Turbine)
2
1
B
Y
91 B ETA
67 B VCTA
115 B VTA1
114 B VTA2
42 B M+
41 B M–
63 B GE01
101 B NC+
102 B NC–
125 B NT+
124 B NT–
A50(A), B31(B)
ECM
SR
SL3+
SL3–
S4
SLT+
SLT–
DSL
SL2+
SL2–
SL1+
SL1–
THO1
ETHO
80 B
60 B
61 B
78 B
76 B
75 B
79 B
58 B
59 B
57 B
77 B
72 B
95 B
Y
V
B
W
LG
V
R
GR
L
G
P–G
Y
P
9
4
11
3
2
8
10
5
12
6
13
1
7
SR
SL3+
SL3–
S4
SLT+
SLT–
DSL
SL2+
SL2–
SL1+
SL1–
THO
E2
V
R
L
Y
G
GR
SB
LG
BR
W
B
O
O
B93
Electronically Controlled Transmission Solenoid


(IG)
10A
ECU–IG
NO. 2
19 2B
G
5 BA2
G
2
RB
PL
RL
NL
DL
B88
Park/Neutral Position
Switch Assembly
6
1
9
7
V
R
B
P–G
73 B
53 B
54 B
56 B
P
R
N
D
(IG)
10A
ECU–IG
NO. 1
7 2S
L
W
Y
W
Y
49 A
41 A
CANL
CANH
A50(A), B31(B)
ECM
SFTU
SFTD
S
SPD
TACH
TC
16 A
51 A
74 B
8 A
15 A
27 A
W
R
L
10 BA2
L
V
GR
P
16 AE6
15 AE6
17 AE6
9 AE6
10 AE6
23 2B
4 2C
LG
B
W
V
GR
5
4
13
G
SFTU
SFTD
S
E
IG
E27
Transmission
Control Switch
11
6
W–B
L
G
GR
V
E2

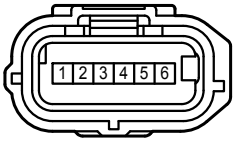

E71
Junction Connector
6
17
2
13
15
4
W
Y
B
W
LG
W
W
G
9 AE10
25 AE10
Y
W
B
W
10
21
9
20
A47
Junction
Connector
8
19
R
W
LG
W
A66
Brake Actuator Assembly
25
14
6
14
CANH
CANL
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
TC
TAC
E11
DLC3
19
18
7
6
5
4
17
16
11
13
9
LG
V
BR
LG
B
W
R
G
V
G
GR
Speed Sensors
V
G
G
GR
W
V
V


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
32
(IG)
7. 5A
METER
1
2M
B
33
E46
Combination Meter Assembly
B
IG+
Display
5V IC
CPU
IG2
5V +B
CAN I/F
SI
+S
CANH
CANL
ET
35
36
27
28
30
LG
V
G
W
BR
1
2E
7
AE10
8
2D
V
G
W
V
BR
E2

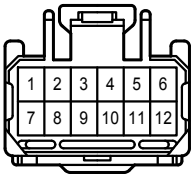
A 1
Black



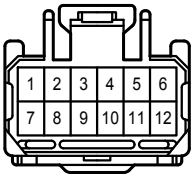
A 3
Black



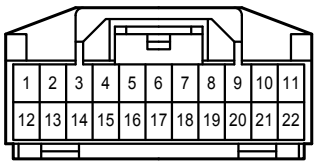
A 45
White



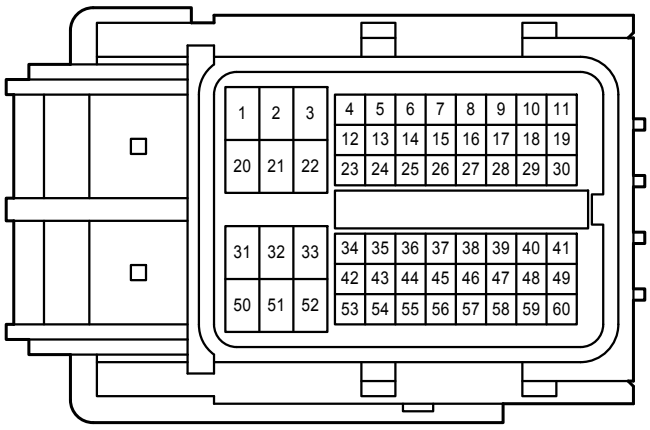
A 46
White



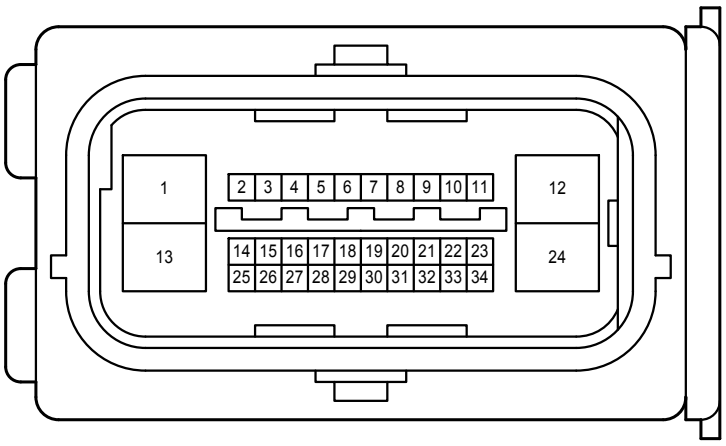
A 47
White



A 50
Black

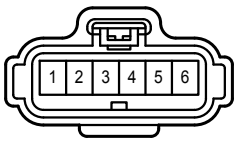


A 66
Black

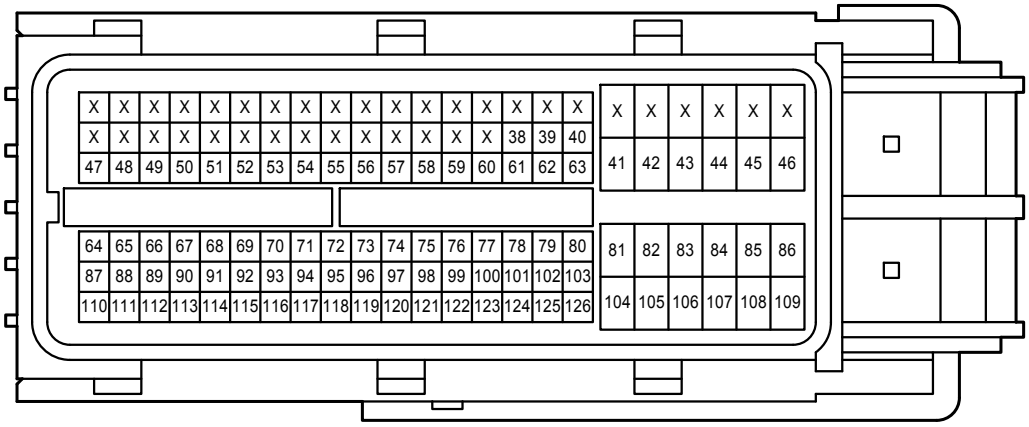


B 2
Black

B 25
Black

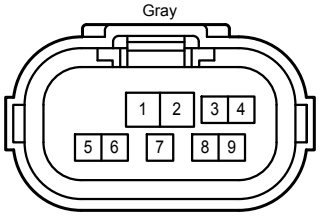


B 31
Black

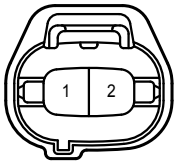


B 58
Gray

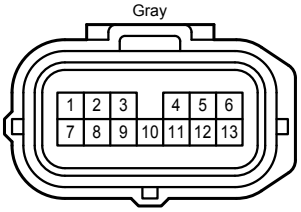
B 88
Gray



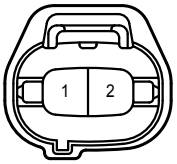
B 91
Black



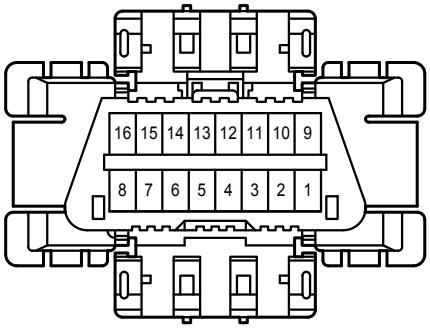
B 93
Gray



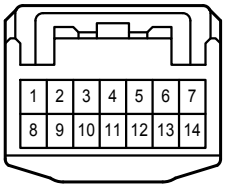
B 96
Black



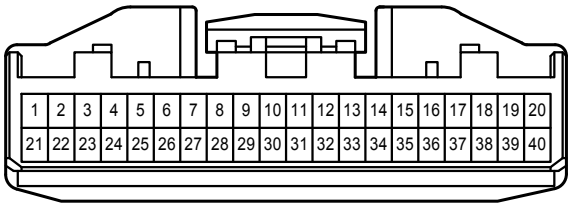
E 11
White



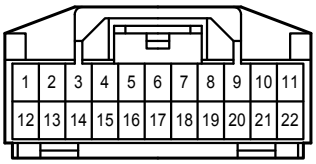
E 27
White



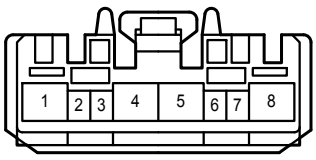
E 46
White



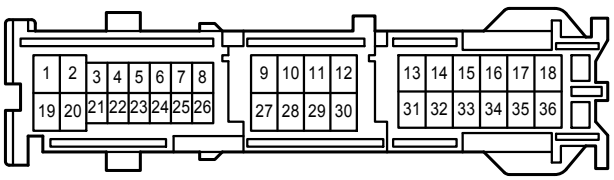
E 71
White



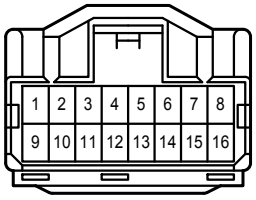
1B
White



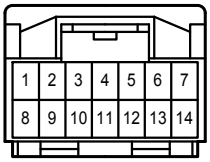
2B
White



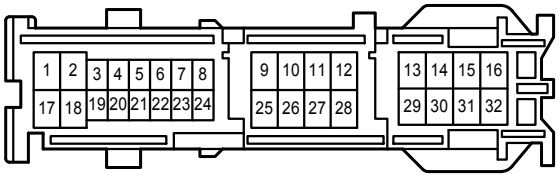
2C
White



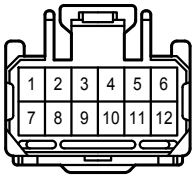
2D
White



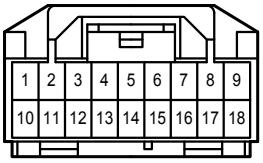
2E
White



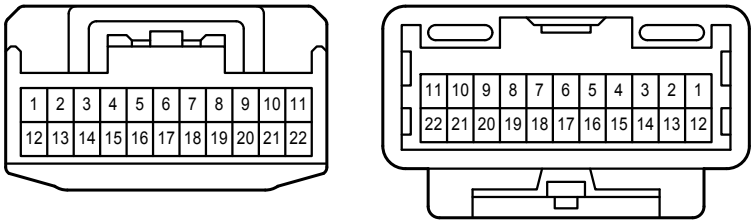
2M
White



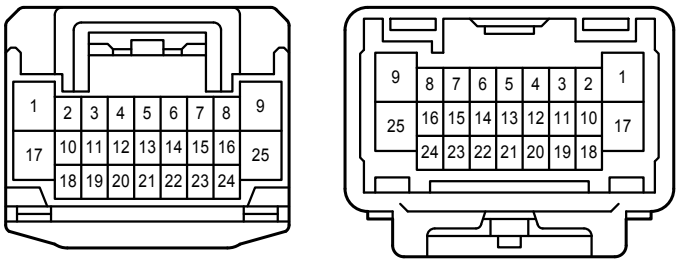
2S
White



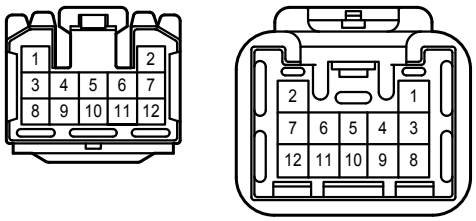
AE6
Gray



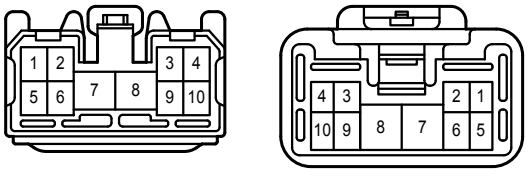
AE10
Gray

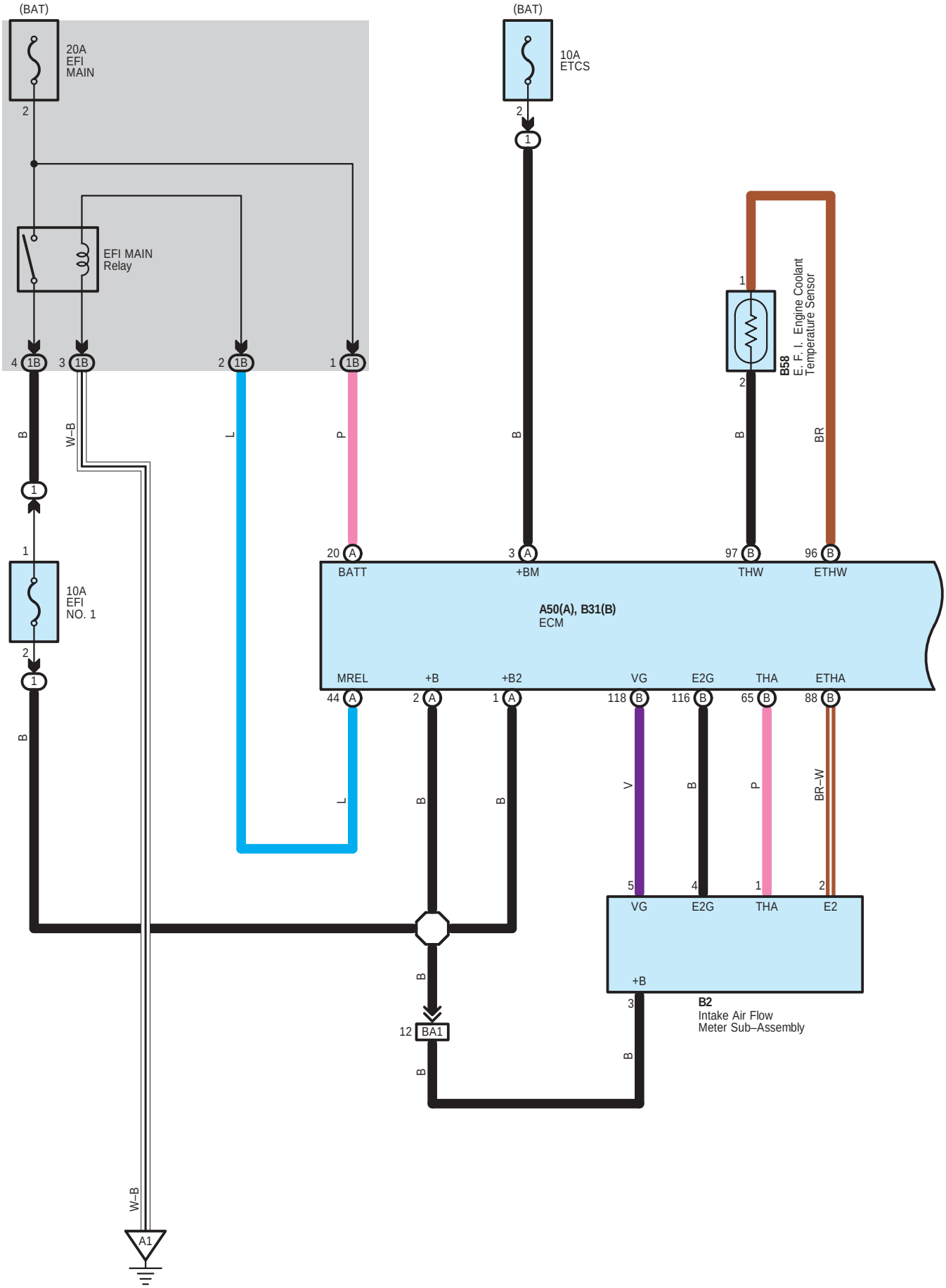


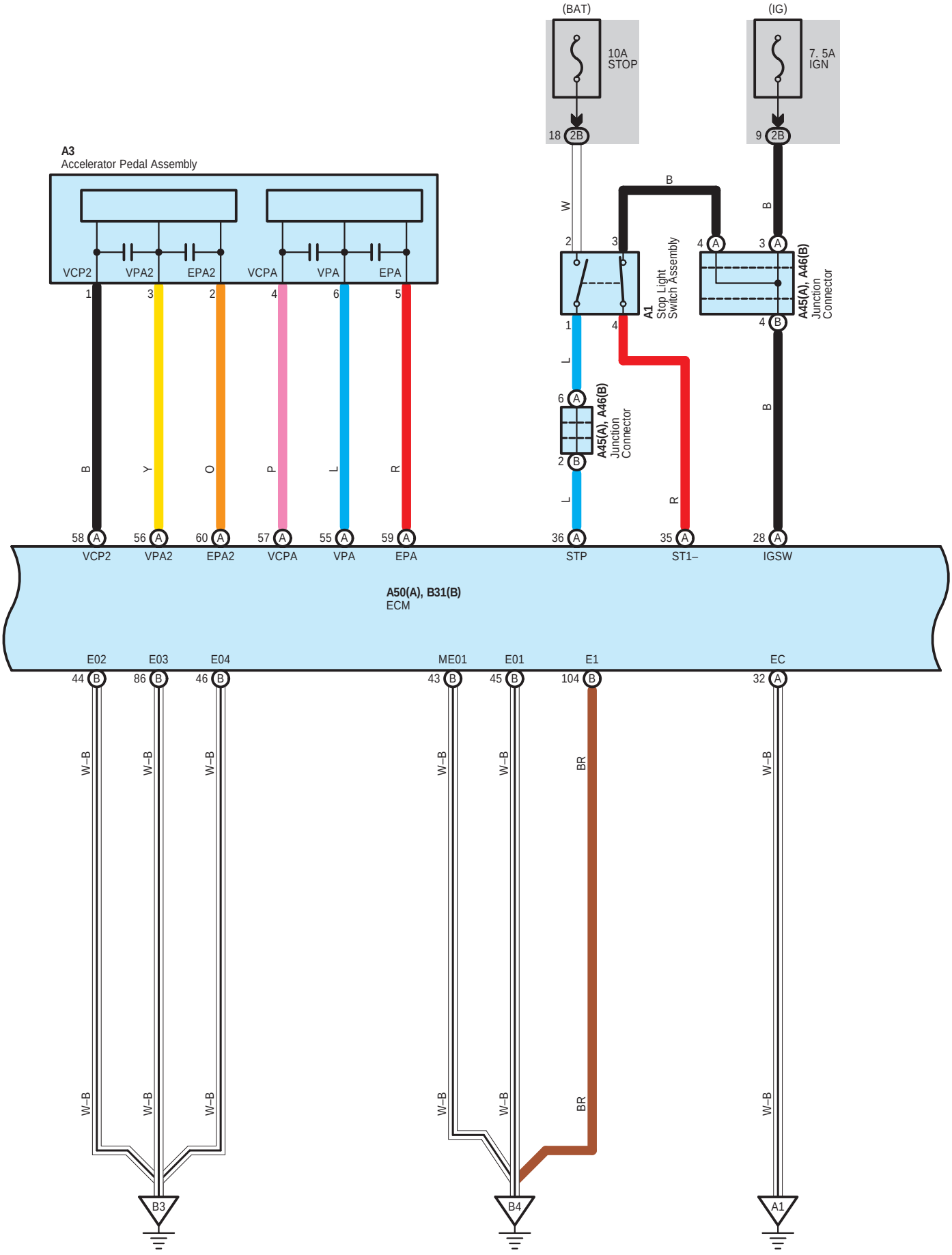
BA1
White



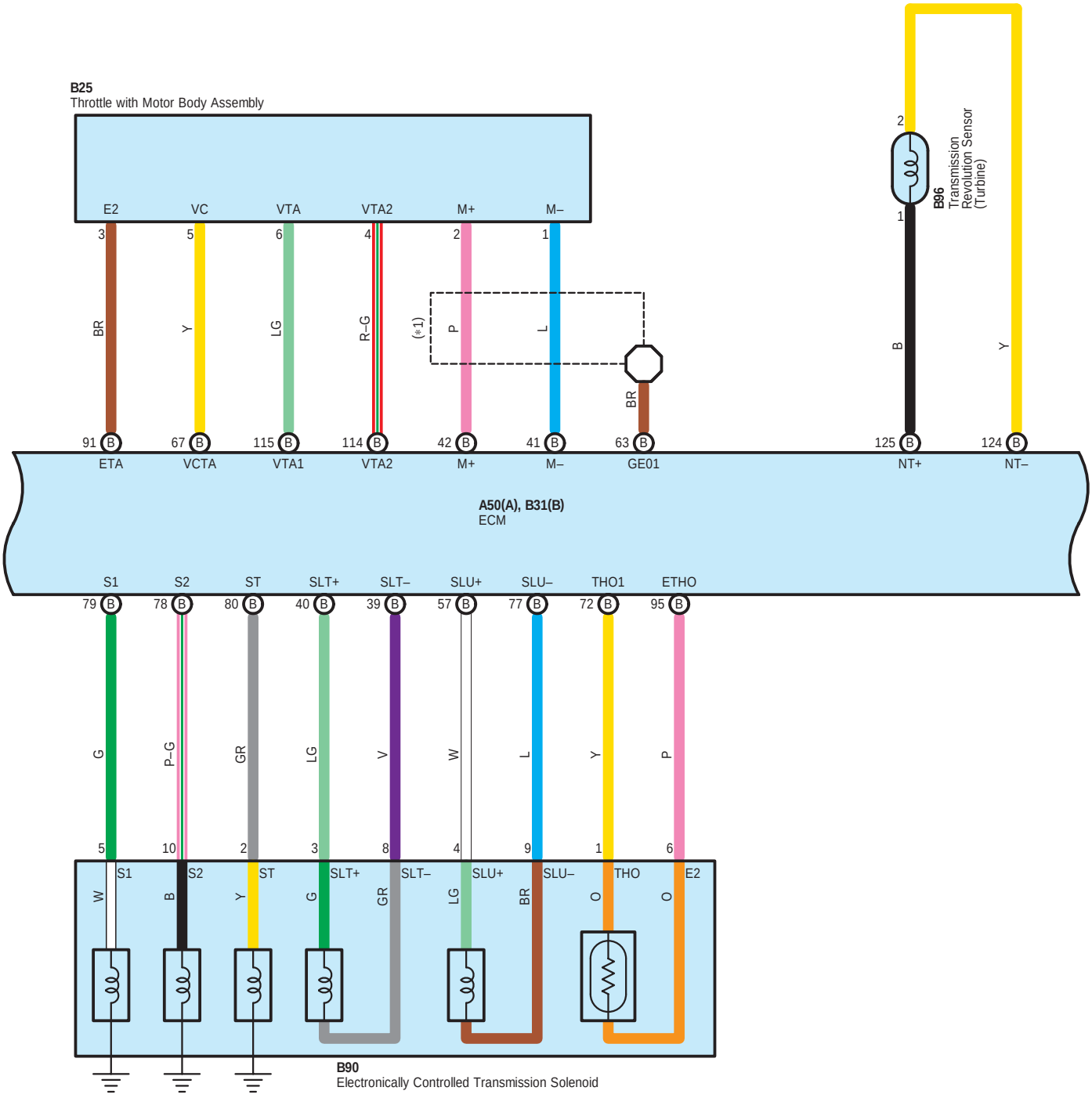
BA2
White

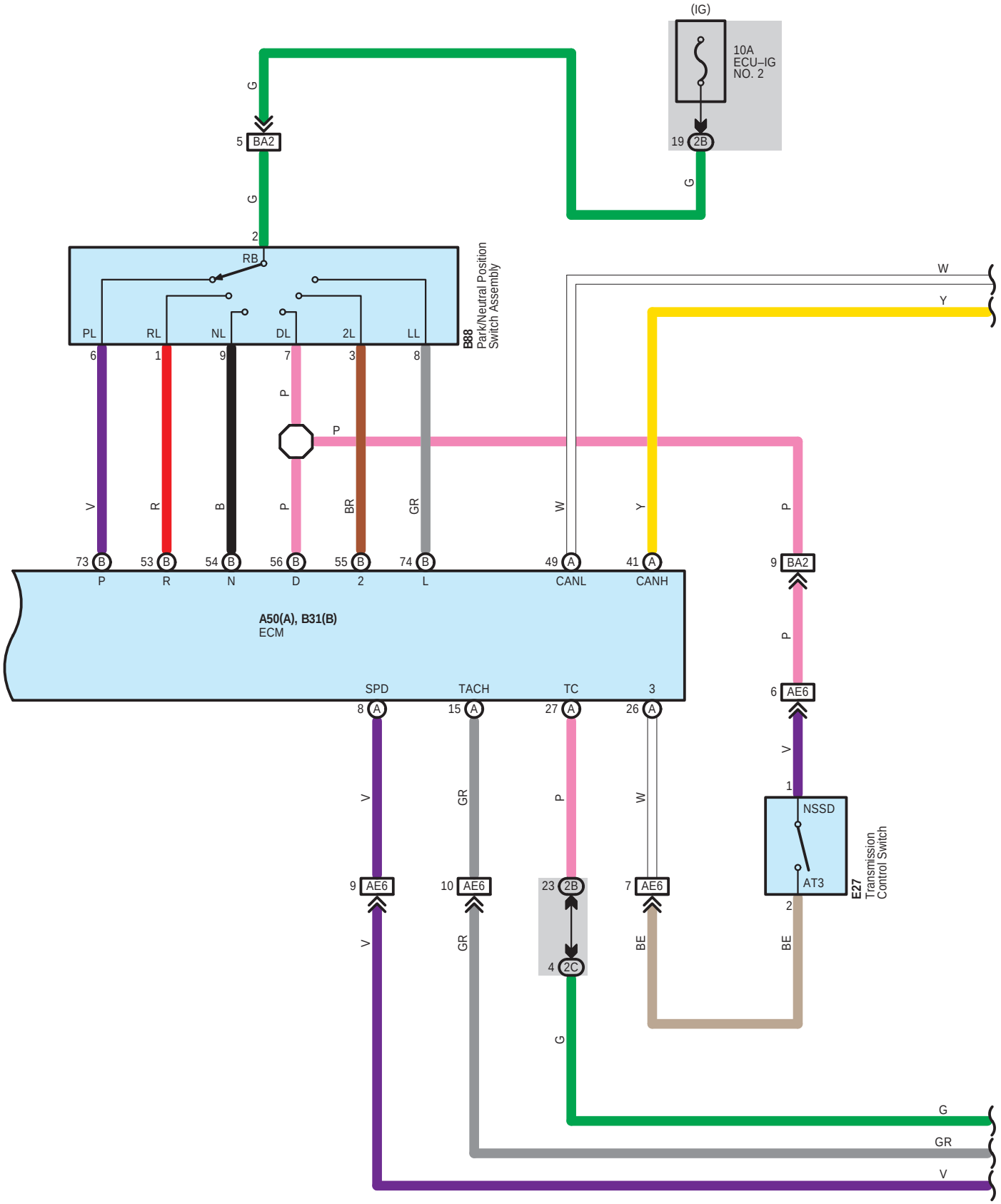


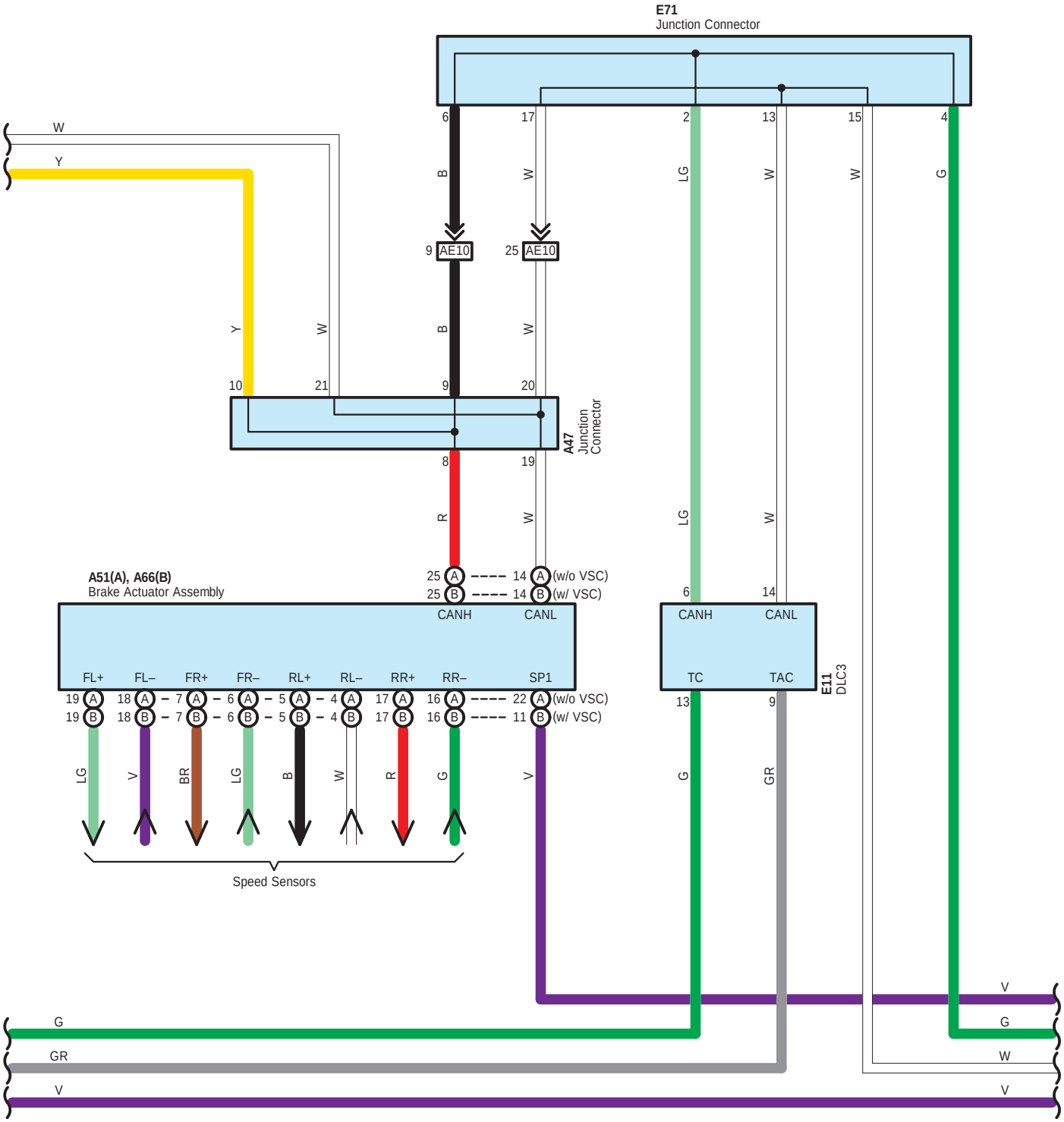

(BAT)
20A
EFI
MAIN
2
EFI MAIN
Relay
4 1B
3 1B
2 1B
1 1B
B
W–B
L
P
1
1
10A
EFI
NO. 1
2
1
B
W–B
A1
(BAT)
10A
ETCS
2
1
B
20 A
BATT
3 A
+BM
1
2
B
B58
E. F. I. Engine Coolant
Temperature Sensor
BR
97 B
THW
96 B
ETHW
A50(A), B31(B)
ECM
MREL
+B
+B2
VG
E2G
THA
ETHA
44 A
2 A
1 A
118 B
116 B
65 B
88 B
L
B
B
V
B
P
BR–W
5
4
1
2
VG
E2G
THA
E2
+B
3
B2
Intake Air Flow
Meter Sub–Assembly
B
12 BA1
B

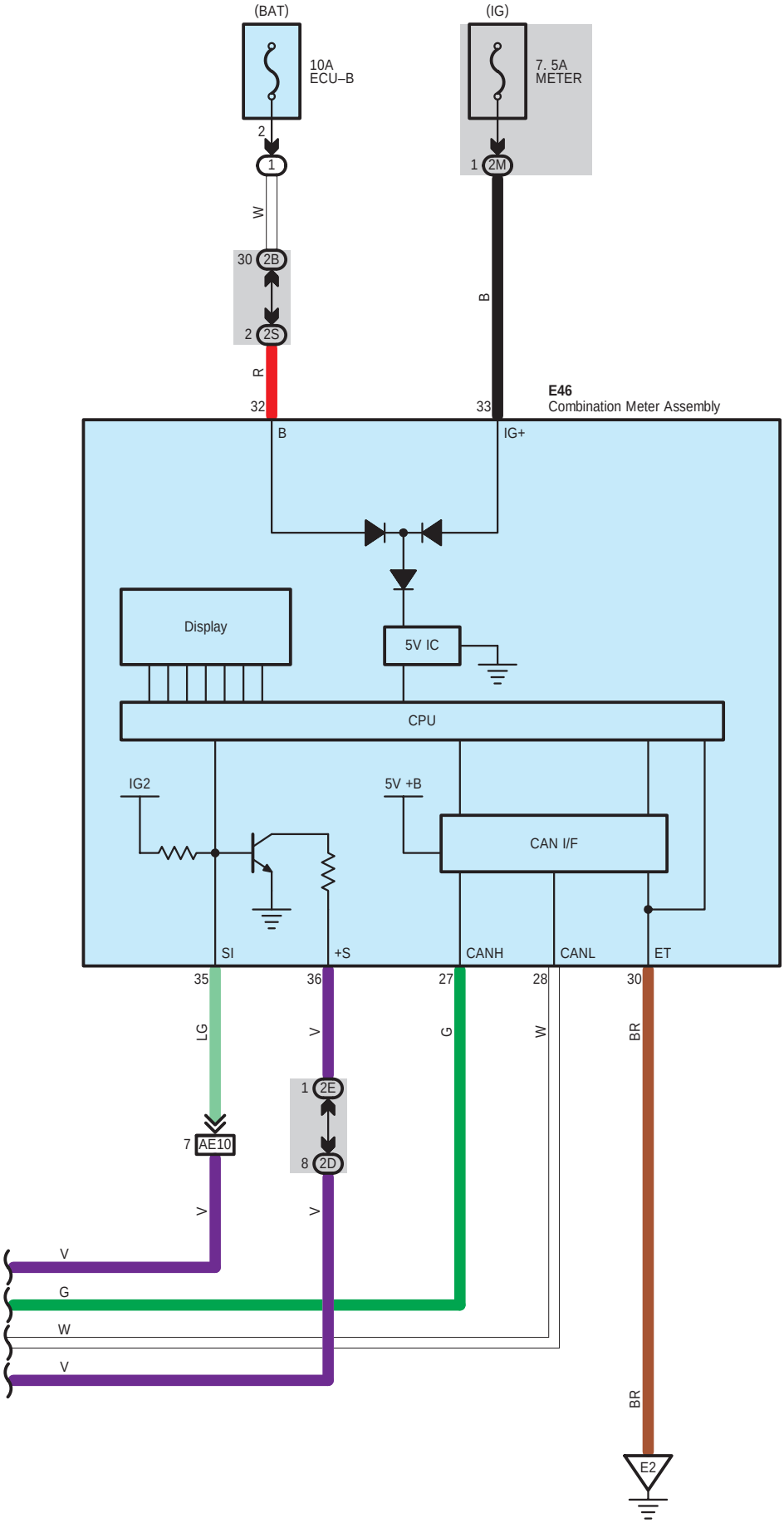

(BAT)
10A
STOP
18 2B
(IG)
7. 5A
IGN
9 2B
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
B
Y
O
P
L
R
58 A
56 A
60 A
57 A
55 A
59 A
VCP2
VPA2
EPA2
VCPA
VPA
EPA
W
B
2
3
4 A
3 A
A1
Stop Light
Switch Assembly
A45(A), A46(B)
Junction
Connector
1
4
4 B
L
6 A
2 B
A45(A), A46(B)
Junction
Connector
L
R
B
36 A
35 A
28 A
STP
ST1–
IGSW
A50(A), B31(B)
ECM
E02
E03
E04
ME01
E01
E1
EC
44 B
86 B
46 B
43 B
45 B
104 B
32 A
W–B
W–B
W–B
W–B
W–B
BR
W–B
W–B
W–B
W–B
W–B
BR
W–B
B3
B4
A1

∗ 1 : Shielded

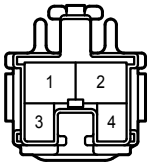

B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
BR
Y
LG
R–G
(∗1)
P
L
BR
91 B
67 B
115 B
114 B
42 B
41 B
63 B
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
B96
Transmission Revolution Sensor (Turbine)
2
1
B
Y
125 B
124 B
NT+
NT–
A50(A), B31(B)
ECM
S1
S2
ST
SLT+
SLT–
SLU+
SLU–
THO1
ETHO
79 B
78 B
80 B
40 B
39 B
57 B
77 B
72 B
95 B
G
P–G
GR
LG
V
W
L
Y
P
5
10
2
3
8
4
9
1
6
W
B
Y
G
GR
LG
BR
O
O
S1
S2
ST
SLT+
SLT–
SLU+
SLU–
THO
E2
B90
Electronically Controlled Transmission Solenoid


(IG)
10A
ECU–IG
NO. 2
19 2B
G
5 BA2
G
2
RB
PL
RL
NL
DL
2L
LL
6
1
9
7
3
8
B88
Park/Neutral Position
Switch Assembly
W
Y
P
P
V
R
B
P
BR
GR
W
Y
P
73 B
53 B
54 B
56 B
55 B
74 B
49 A
41 A
9 BA2
P
R
N
D
2
L
CANL
CANH
A50(A), B31(B)
ECM
SPD
TACH
TC
3
8 A
15 A
27 A
26 A
6 AE6
V
1
NSSD
AT3
E27
Transmission
Control Switch
2
V
GR
P
W
9 AE6
10 AE6
23 2B
7 AE6
BE
BE
GR
4 2C
G
G
GR
V

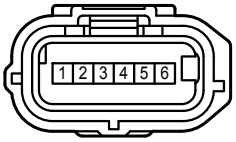

E71
Junction Connector
6
17
2
13
15
4
W
Y
B
W
LG
W
W
G
9 AE10
25 AE10
Y
W
B
W
10
21
9
20
A47
Junction
Connector
8
19
R
W
LG
W
A51(A), A66(B)
Brake Actuator Assembly
25 A ---- 14 A (w/o VSC)
25 B ---- 14 B (w/ VSC)
CANH
CANL
6
14
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
TC
TAC
E11
DLC3
19 A
19 B
18 A
18 B
7 A
7 B
6 A
6 B
5 A
5 B
4 A
4 B
17 A
17 B
16 A
16 B
22 A (w/o VSC)
11 B (w/ VSC)
13
9
LG
V
BR
LG
B
W
R
G
V
G
GR
LG
GR
Speed Sensors
V
G
GR
V
G
W
V


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
32
(IG)
7. 5A
METER
1
2M
B
33
E46
Combination Meter Assembly
B
IG+
Display
5V IC
CPU
IG2
5V +B
CAN I/F
SI
+S
CANH
CANL
ET
35
36
27
28
30
LG
V
G
W
BR
1
2E
7
AE10
8
2D
V
G
W
V
BR
E2

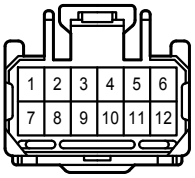
A 1
Black



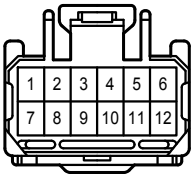
A 3
Black



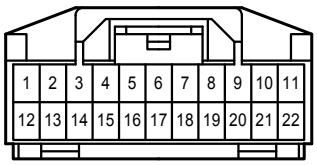
A 45
White



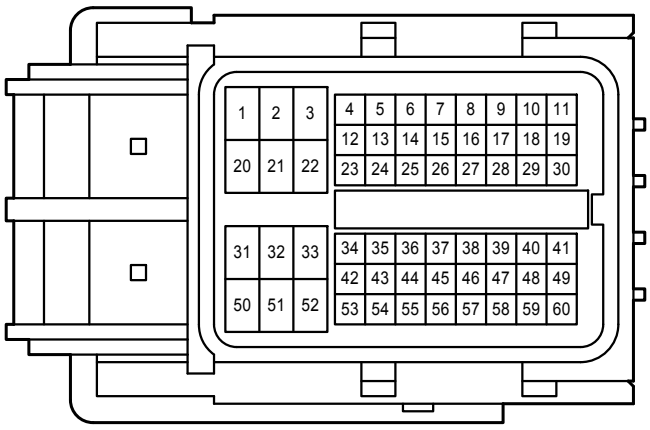
A 46
White



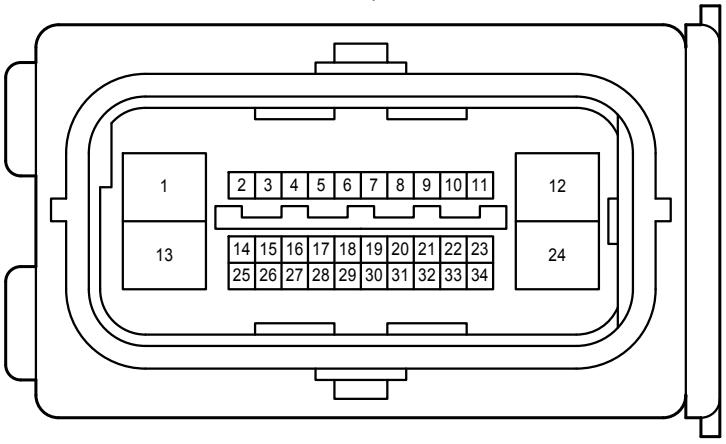
A 47
White



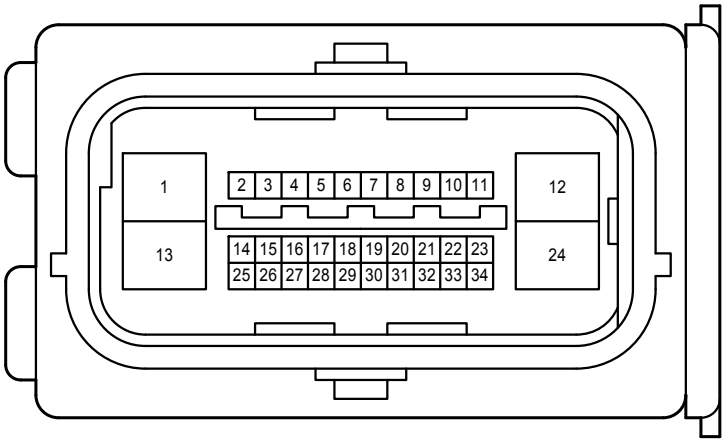
A 50
Black



A 51
Gray

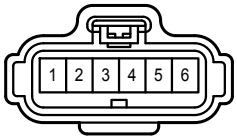


A 66
Black

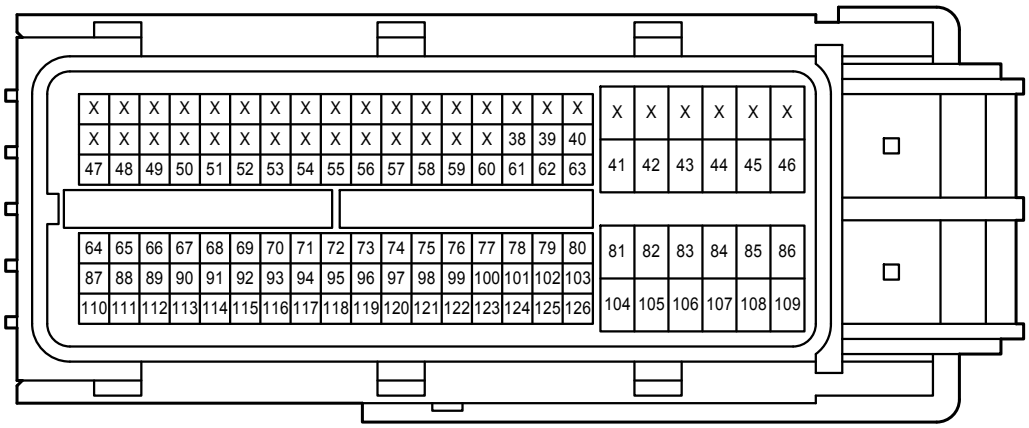


B 2
Black

B 25
Black

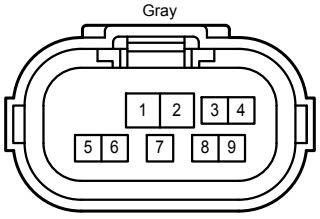


B 31
Black

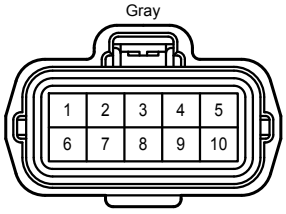


B 58
Gray

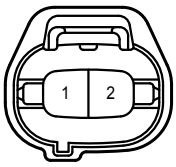
B 88
Gray



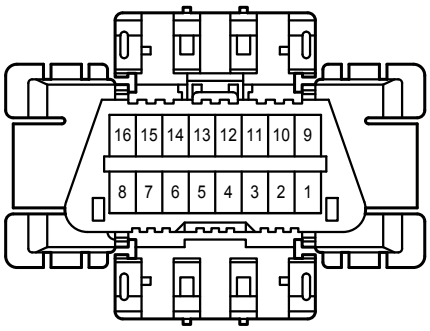
B 90
Gray



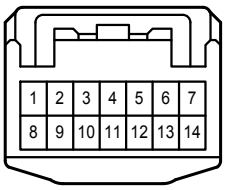
B 96
Black



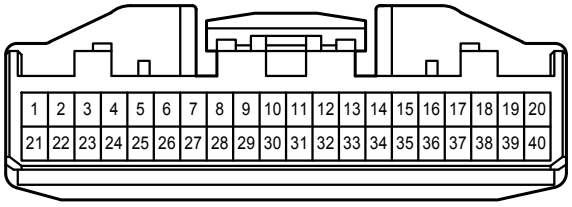
E 11
White



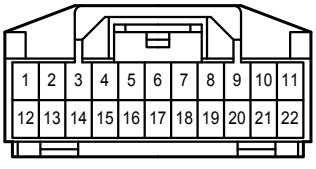
E 27
White



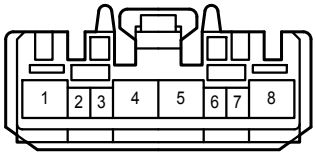
E 46
White



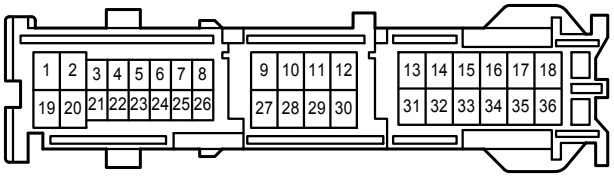
E 71
White



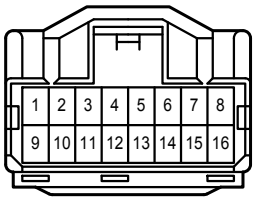
1B
White



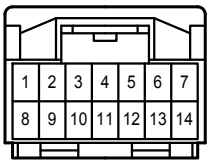
2B
White



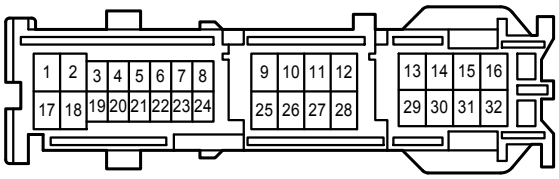
2C
White



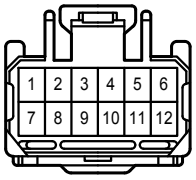
2D
White



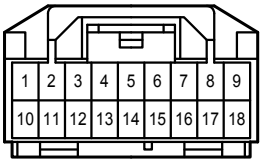
2E
White



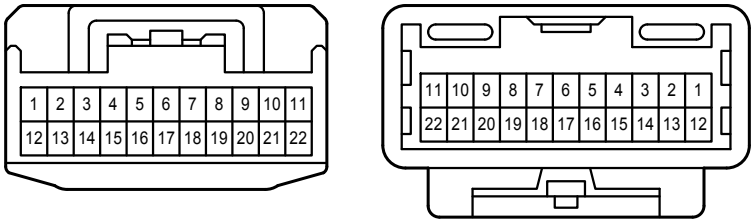
2M
White



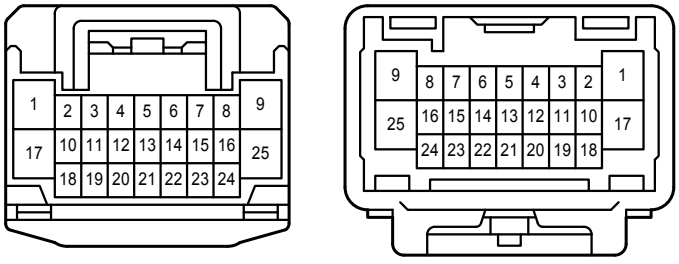
2S
White



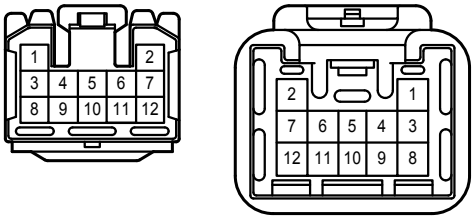
AE6
Gray



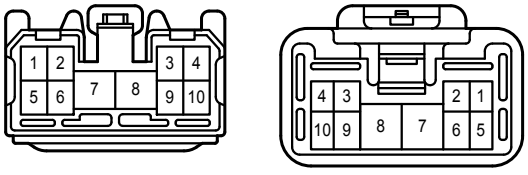
AE10
Gray

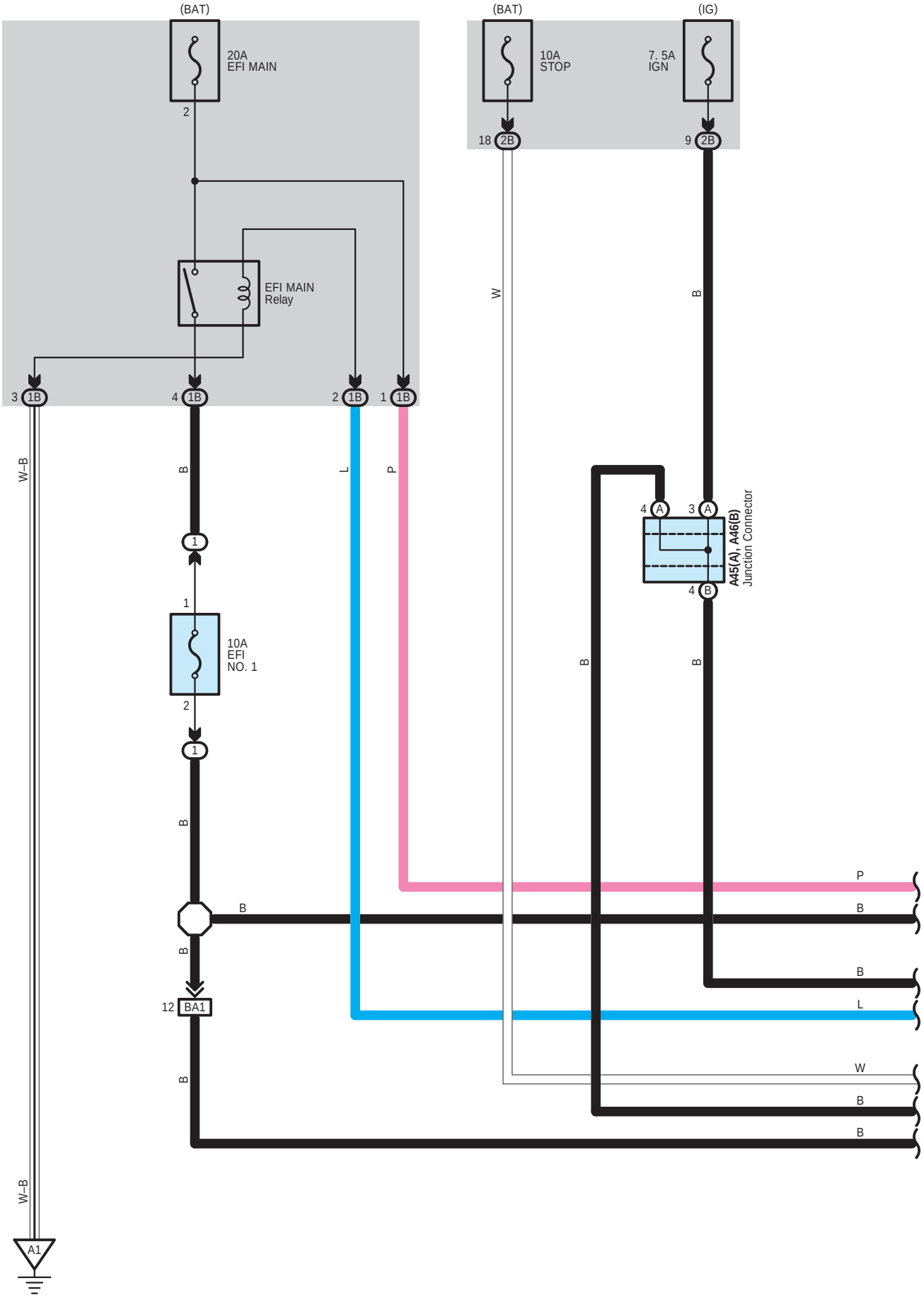


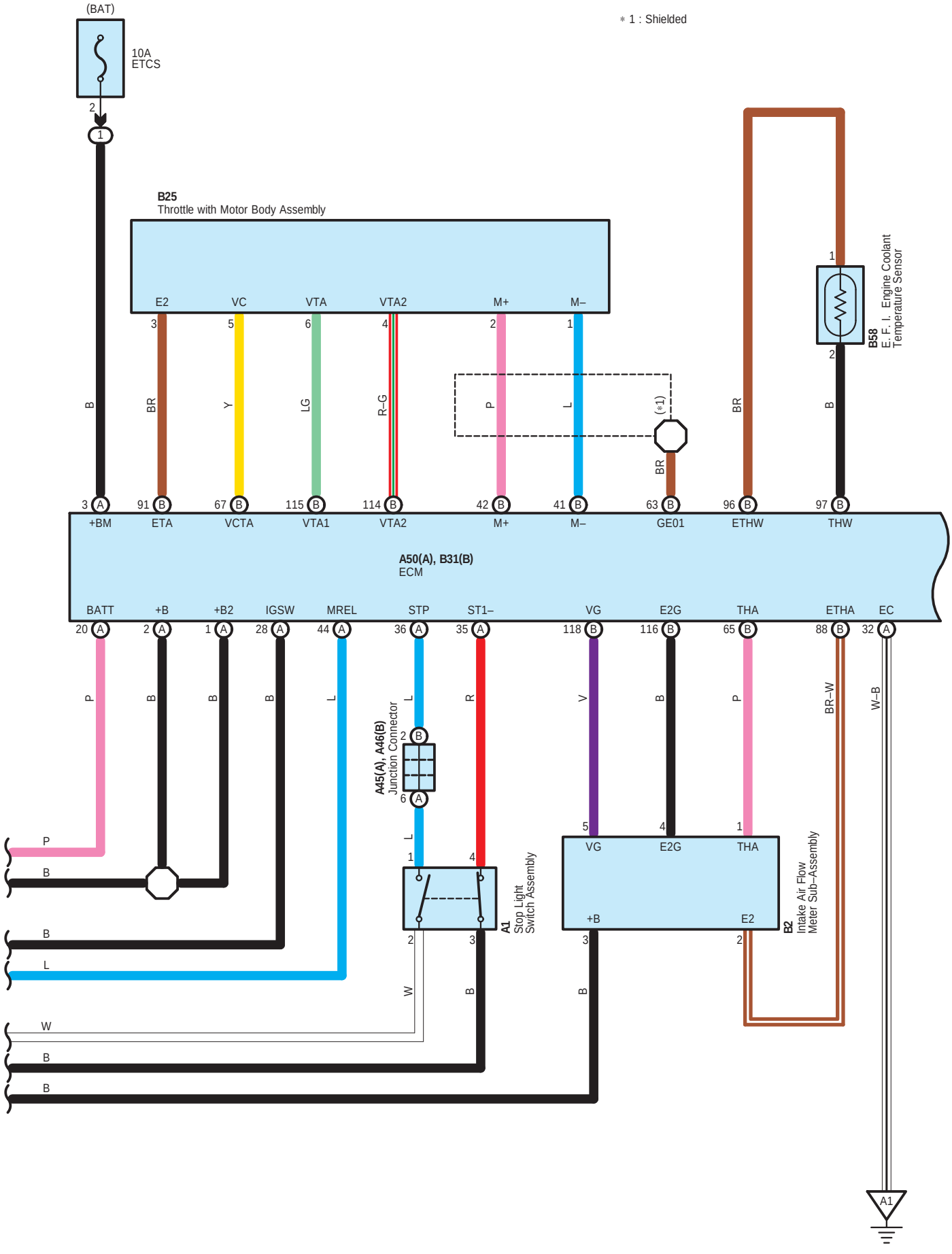
BA1
White

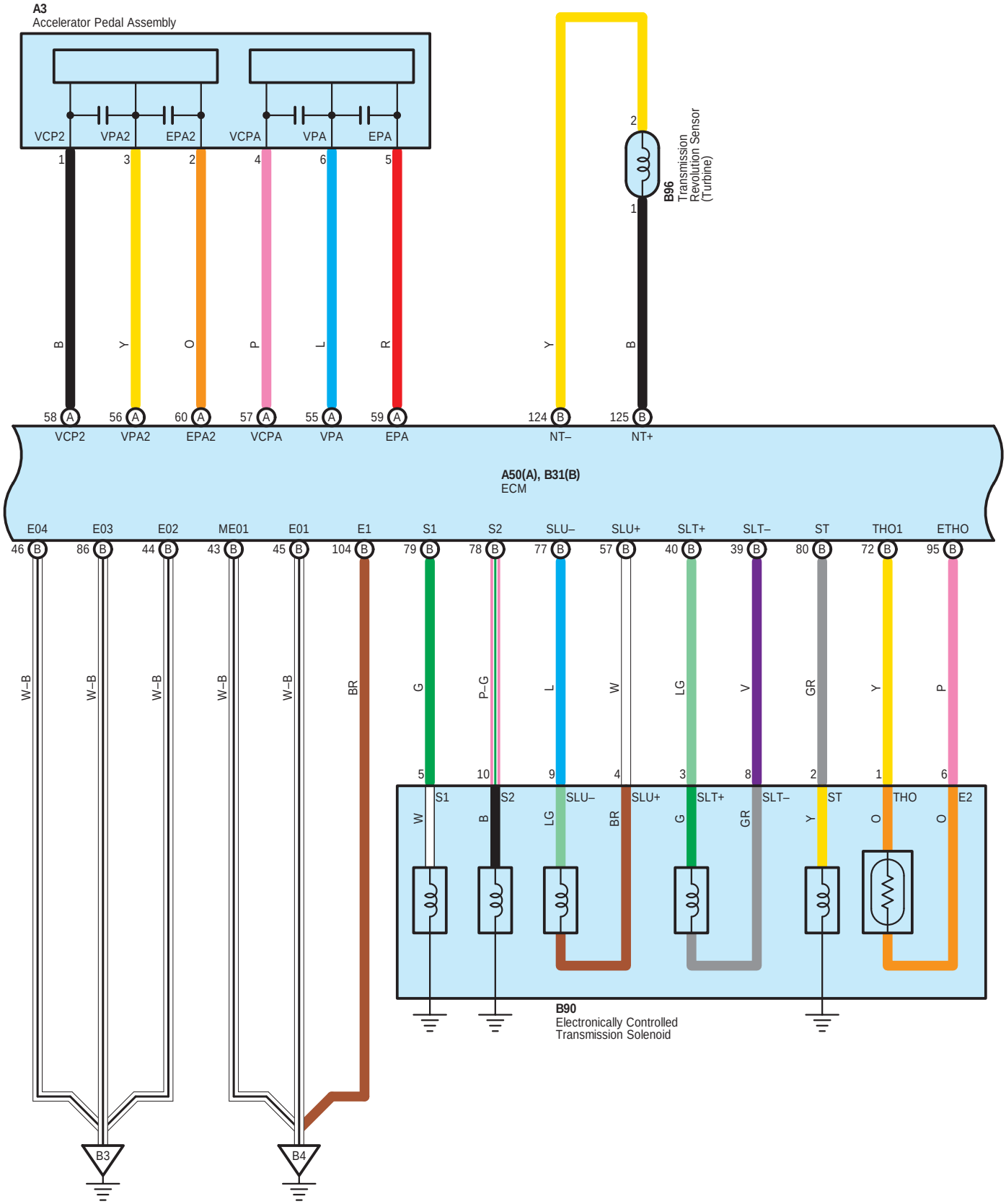


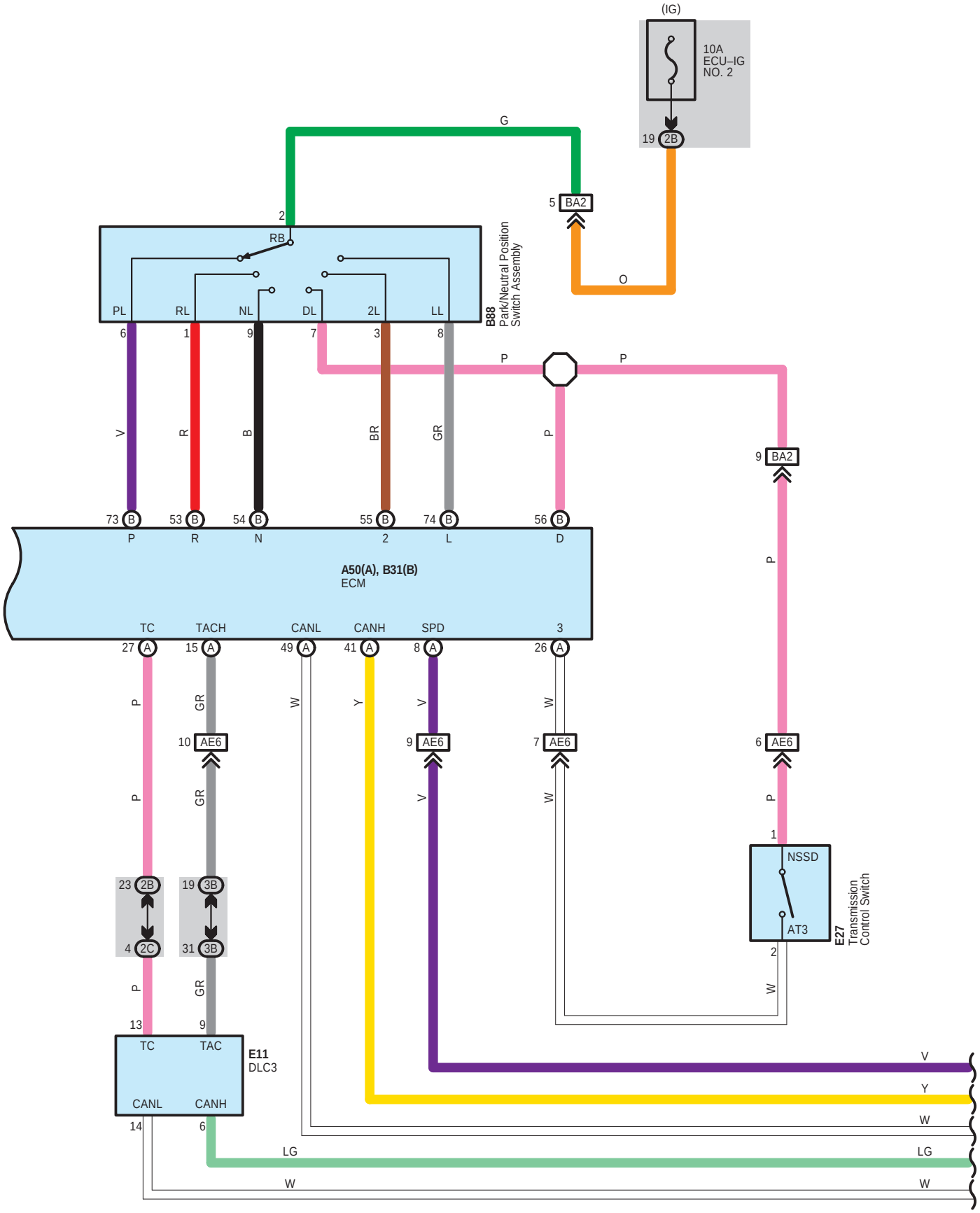
BA2
White

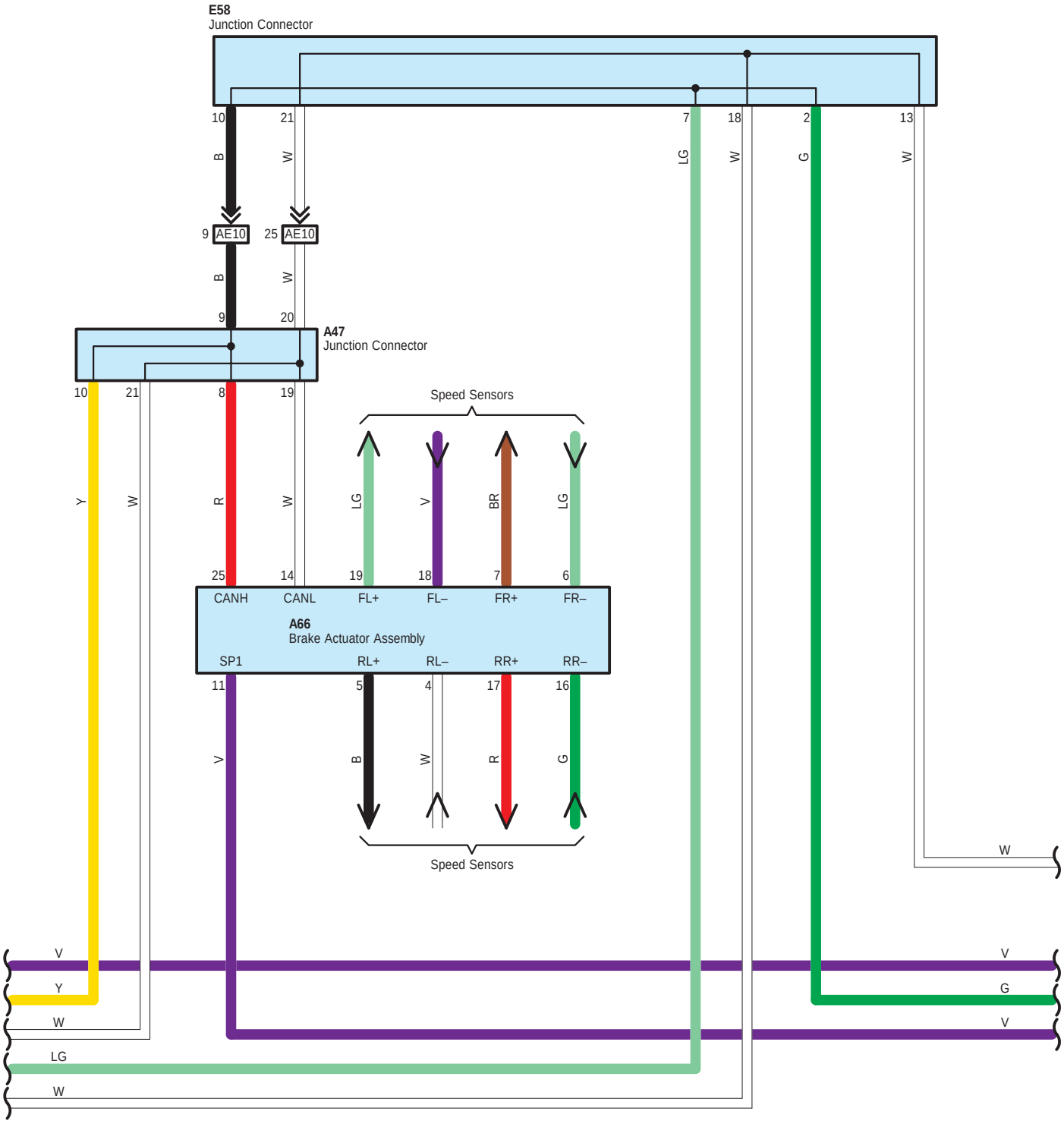


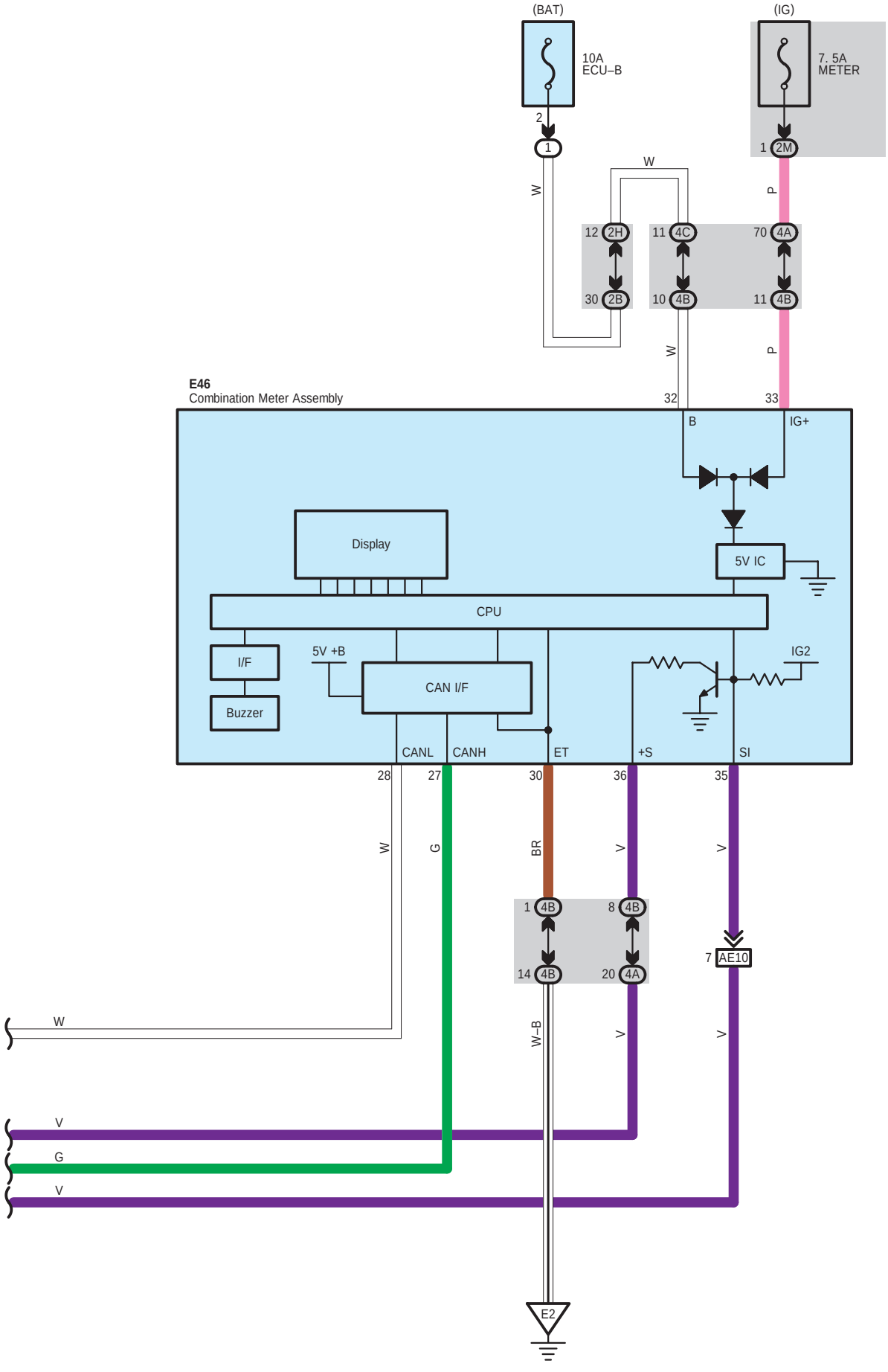

(BAT)
20A
EFI MAIN
2
EFI MAIN
Relay
3 1B
4 1B
2 1B
1 1B
W–B
B
L
P
1
1
10A
EFI
NO. 1
2
1
B
B
12 BA1
B
W–B
A1
(BAT)
10A
STOP
18 2B
(IG)
7. 5A
IGN
9 2B
W
B
4 A
3 A
4 B
A45(A), A46(B)
Junction Connector
B
B
P
B
B
L
W
B
B


(BAT)
10A
ETCS
2
1
* 1 : Shielded
B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
B
BR
Y
LG
R–G
P
L
(*1)
BR
BR
B
1
2
B58
E. F. I. Engine Coolant
Temperature Sensor
3 A
91 B
67 B
115 B
114 B
42 B
41 B
63 B
96 B
97 B
+BM
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
ETHW
THW
A50(A), B31(B)
ECM
BATT
+B
+B2
IGSW
MREL
STP
ST1–
VG
E2G
THA
ETHA
EC
20 A
2 A
1 A
28 A
44 A
36 A
35 A
118 B
116 B
65 B
88 B
32 A
P
B
B
B
L
L
R
V
B
P
BR–W
W–B
A45(A), A46(B)
Junction Connector
2 B
6 A
L
1
4
A1
Stop Light
Switch Assembly
5
4
1
VG
E2G
THA
+B
E2
B2
Intake Air Flow
Meter Sub–Assembly
2
3
3
2
W
B
B
B
A1

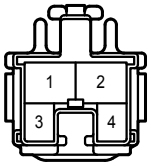

A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
1
3
2
4
6
5
B
Y
O
P
L
R
58 A
56 A
60 A
57 A
55 A
59 A
VCP2
VPA2
EPA2
VCPA
VPA
EPA
2
1
B96
Transmission
Revolution Sensor
(Turbine)
Y
B
124 B
125 B
NT–
NT+
A50(A), B31(B)
ECM
E04
E03
E02
ME01
E01
E1
S1
S2
SLU–
SLU+
SLT+
SLT–
ST
THO1
ETHO
46 B
86 B
44 B
43 B
45 B
104 B
79 B
78 B
77 B
57 B
40 B
39 B
80 B
72 B
95 B
W–B
W–B
W–B
W–B
W–B
BR
G
P–G
L
W
LG
V
GR
Y
P
5
10
9
4
3
8
2
1
6
S1
S2
SLU–
SLU+
SLT+
SLT–
ST
THO
E2
W
B
LG
BR
G
GR
Y
O
O
B3
B4
B90
Electronically Controlled
Transmission Solenoid


(IG)
10A
ECU–IG
NO. 2
19 2B
G
5 BA2
O
2
RB
PL
RL
NL
DL
2L
LL
B88
Park/Neutral Position
Switch Assembly
6
1
9
7
3
8
P
P
V
R
B
BR
GR
P
9 BA2
P
73 B
53 B
54 B
55 B
74 B
56 B
P
R
N
2
L
D
A50(A), B31(B)
ECM
TC
TACH
CANL
CANH
SPD
3
27 A
15 A
49 A
41 A
8 A
26 A
P
GR
W
Y
V
W
10 AE6
9 AE6
7 AE6
6 AE6
P
GR
V
W
P
1
NSSD
AT3
E27
Transmission
Control Switch
2
W
23 2B
4 2C
19 3B
31 3B
P
GR
13
9
TC
TAC
CANL
CANH
E11
DLC3
14
6
V
Y
W
LG
LG
W
W

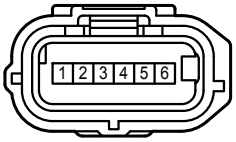

E58
Junction Connector
10
21
7
18
2
13
B
W
LG
W
G
W
9 AE10
25 AE10
B
W
9
20
A47
Junction Connector
10
21
8
19
Speed Sensors
Y
W
R
W
LG
V
BR
LG
25
14
19
18
7
6
CANH
CANL
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11
5
4
17
16
V
B
W
R
G
Speed Sensors
W
V
Y
W
LG
W
V
G
V


(BAT)
10A
ECU–B
2
1
W
W
12 2H
30 2B
(IG)
7. 5A
METER
1 2M
P
11 4C
10 4B
70 4A
11 4B
W
P
E46
Combination Meter Assembly
32
33
B
IG+
Display
5V IC
CPU
I/F
Buzzer
5V +B
CAN I/F
IG2
CANL
CANH
ET
+S
SI
28
27
30
36
35
W
G
BR
V
V
1 4B
14 4B
8 4B
20 4A
7 AE10
W
W–B
V
V
V
G
V
E2

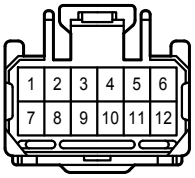
A 1
Black



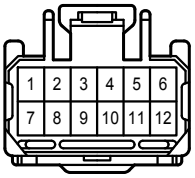
A 3
Black



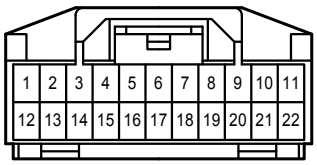
A 45
White



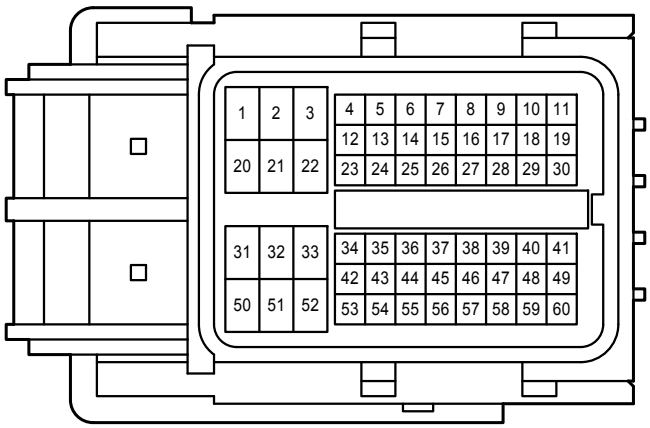
A 46
White



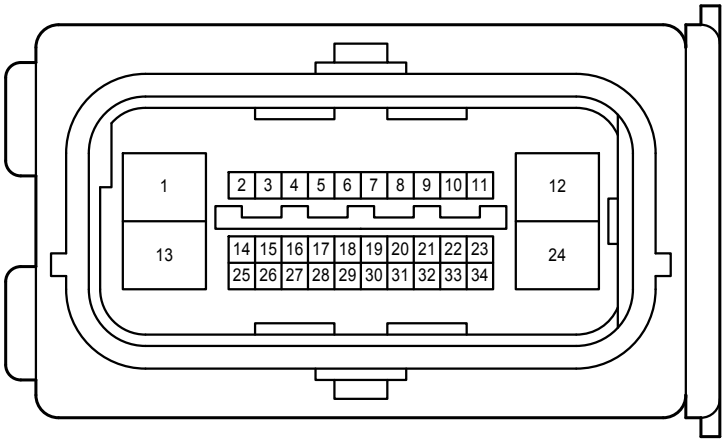
A 47
White



A 50
Black

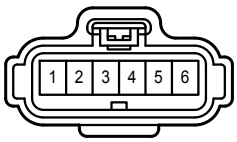


A 66
Black

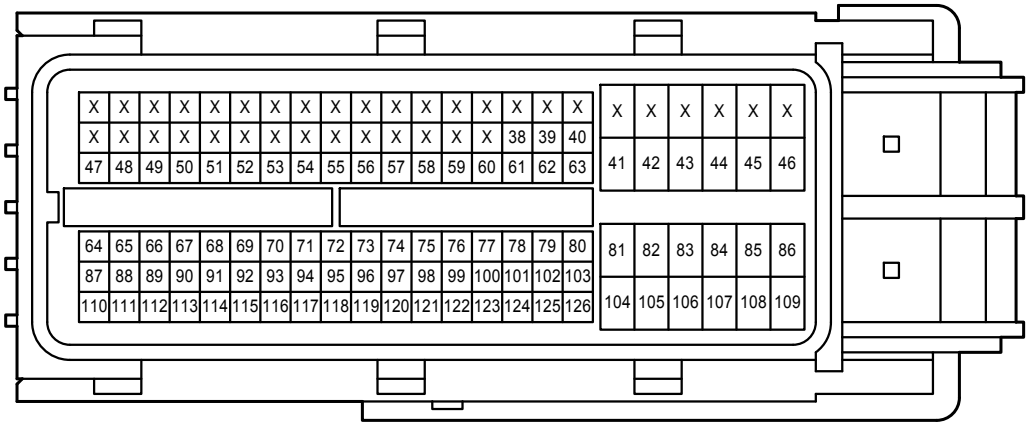


B 2
Black

B 25
Black

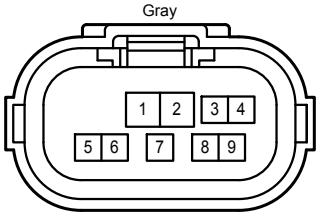


B 31
Black

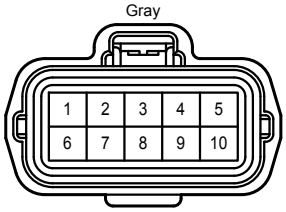


B 58
Gray

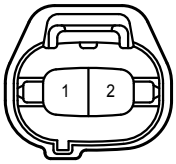
B 88
Gray



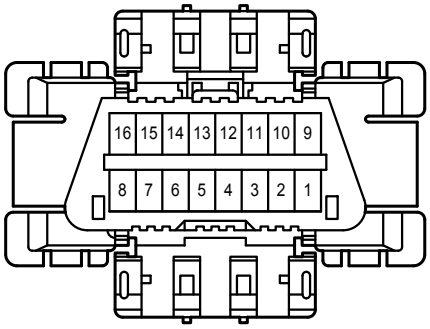
B 90
Gray



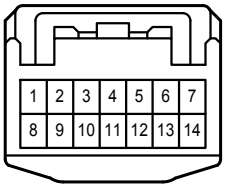
B 96
Black



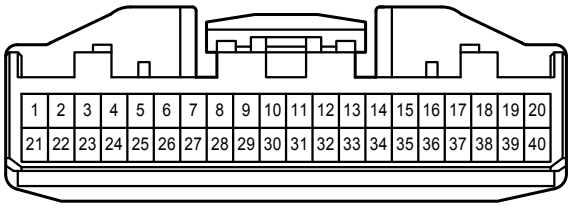
E 11
White



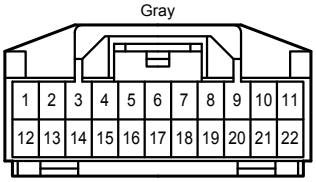
E 27
White



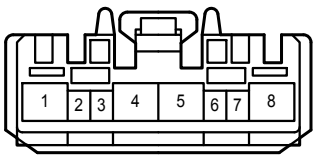
E 46
White



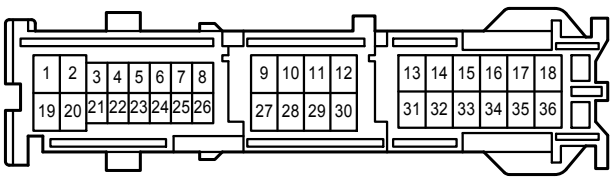
E 58
Gray



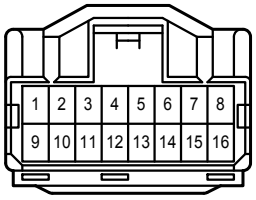
1B
White



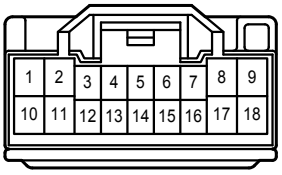
2B
White



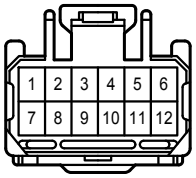
2C
White



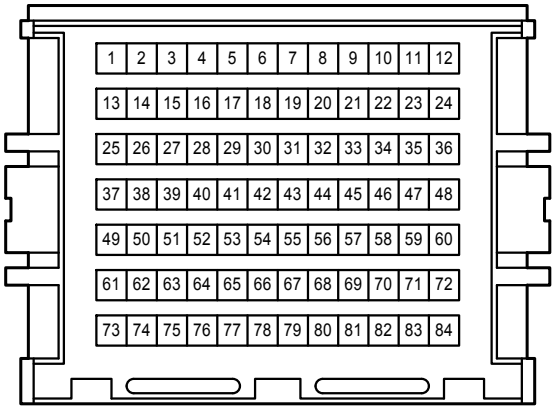
2H
White



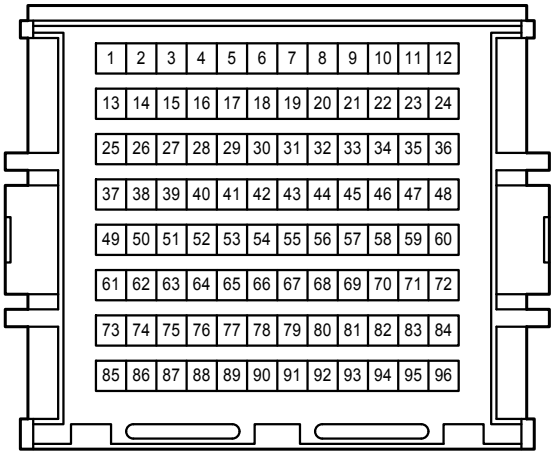
2M
White



3B
White



4A
White



4B
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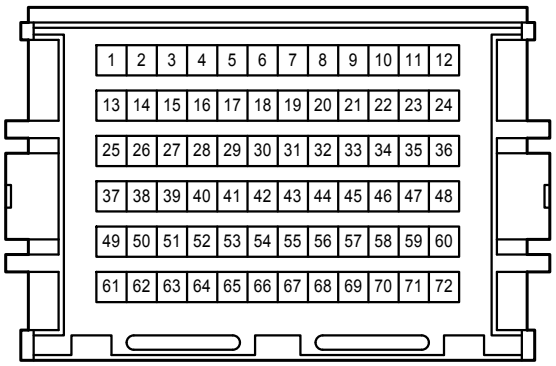

4C
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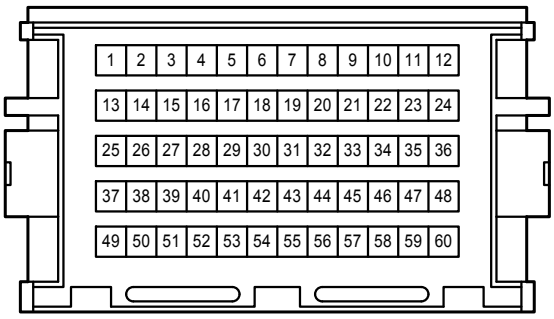
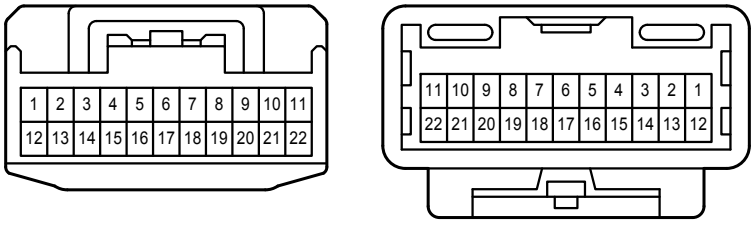
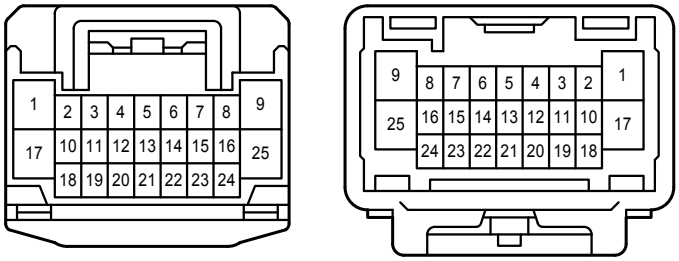


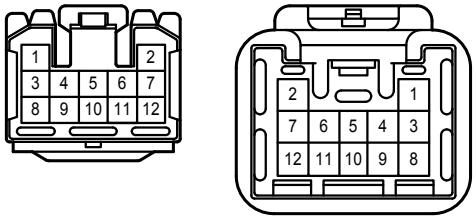
AE6
Gray



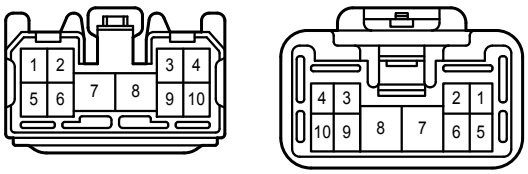
AE10
Gray

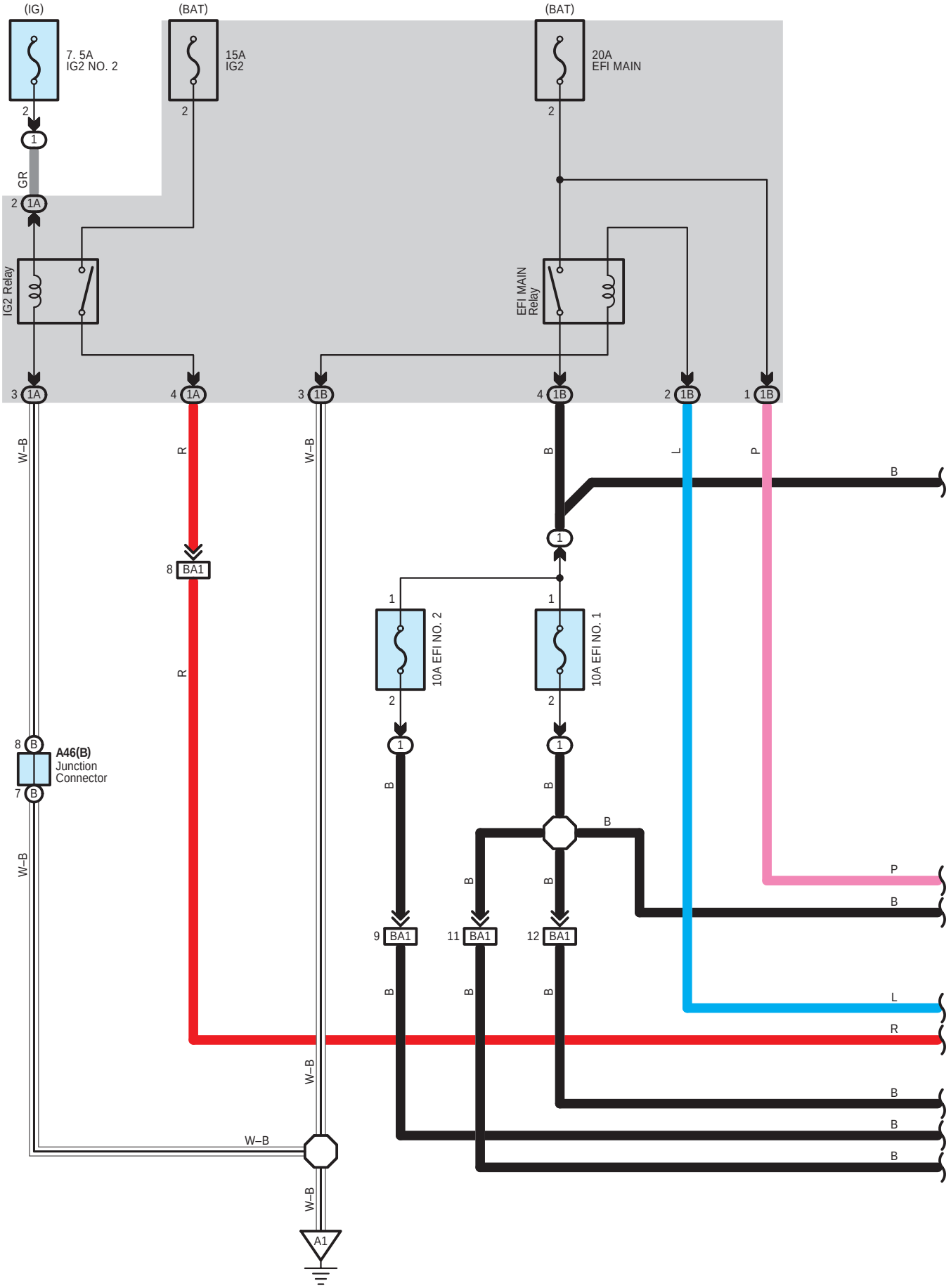


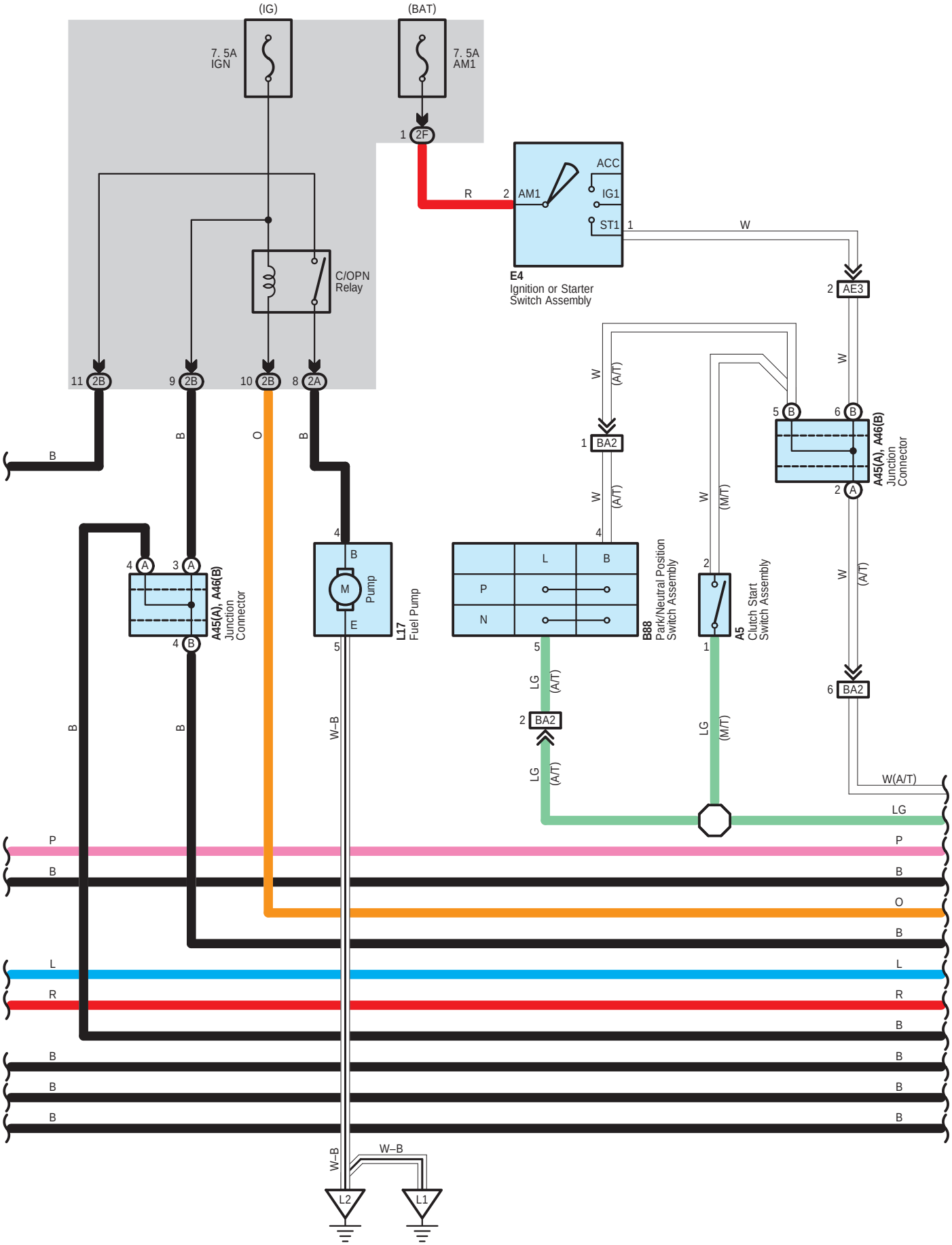
BA1
White

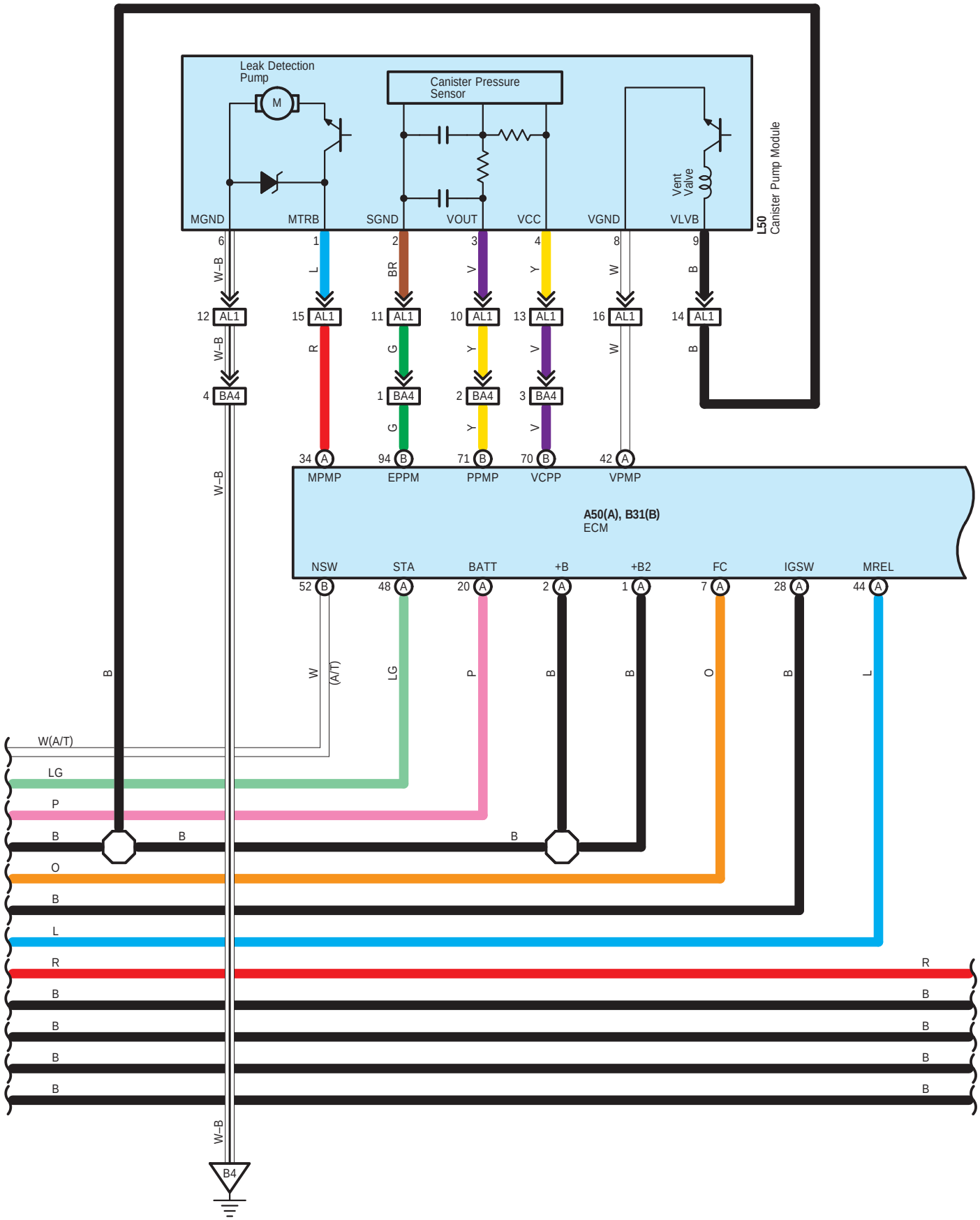


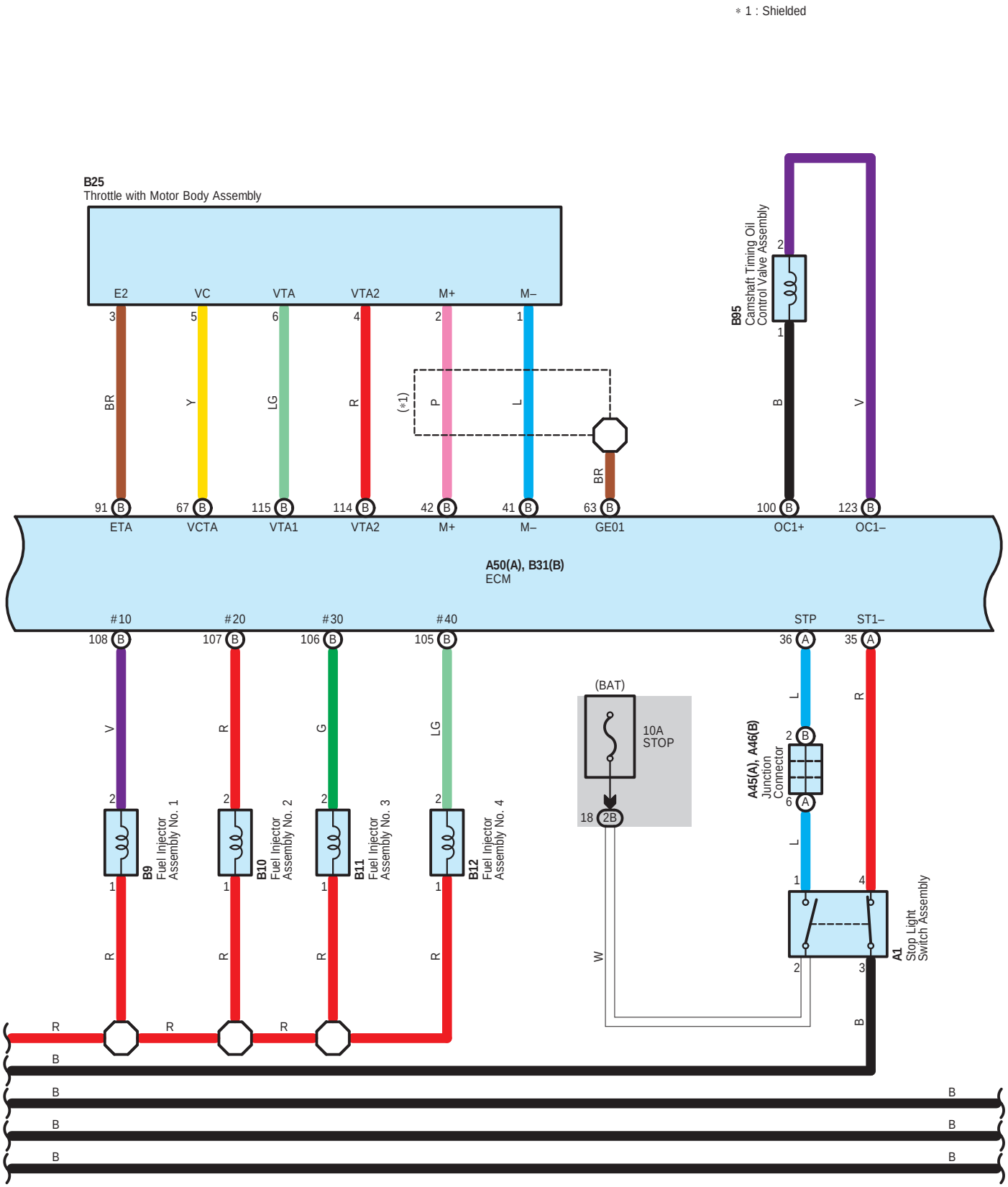
BA2
White



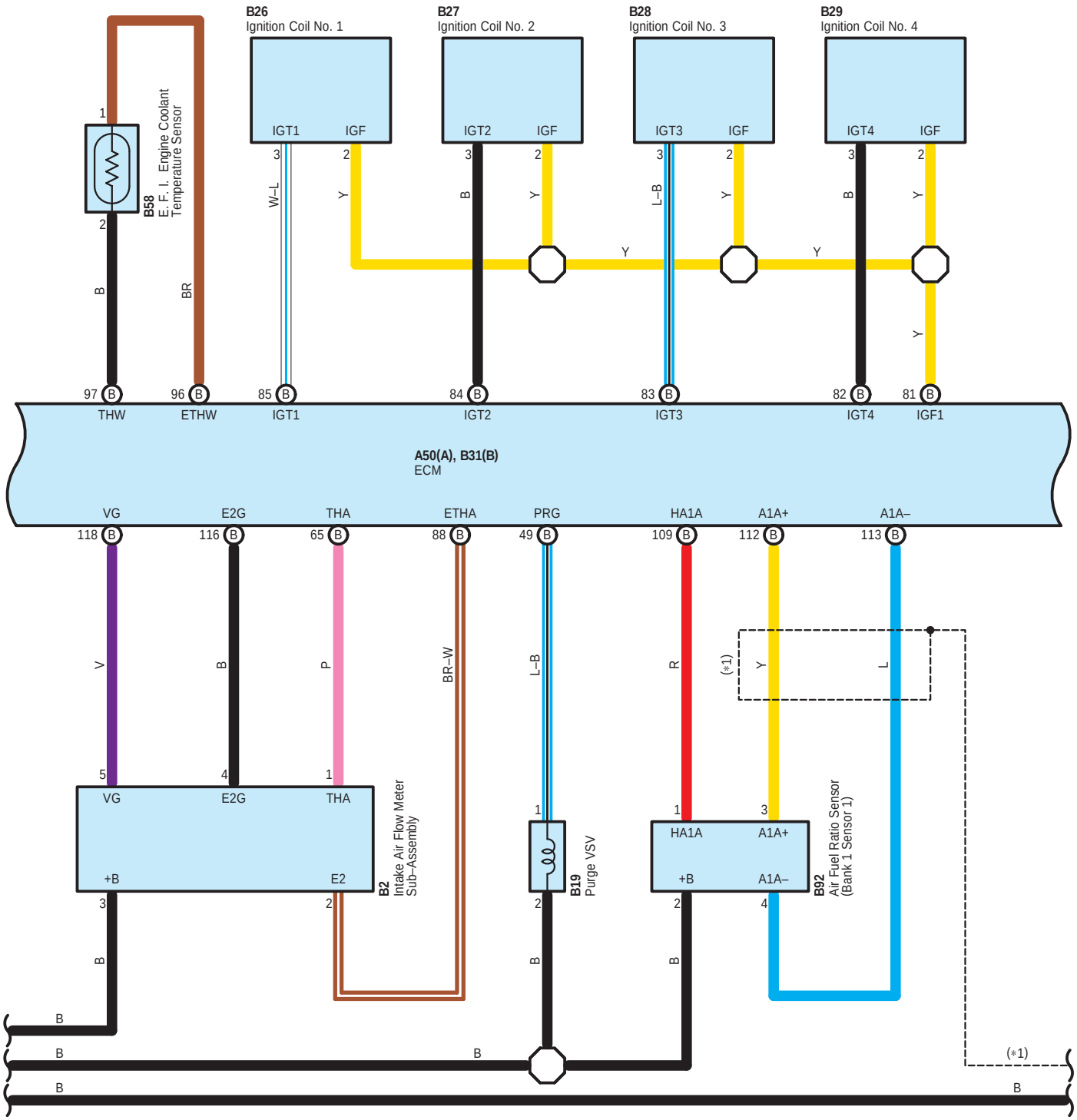

(IG)
(BAT)
(BAT)
7. 5A
IG2 NO. 2
15A
IG2
20A
EFI MAIN
GR
IG2 Relay
EFI MAIN
Relay
W–B
R
B
L
P
8 BA1
10A EFI NO. 2
10A EFI NO. 1
A46(B)
Junction
Connector
9 BA1
11 BA1
12 BA1
A1

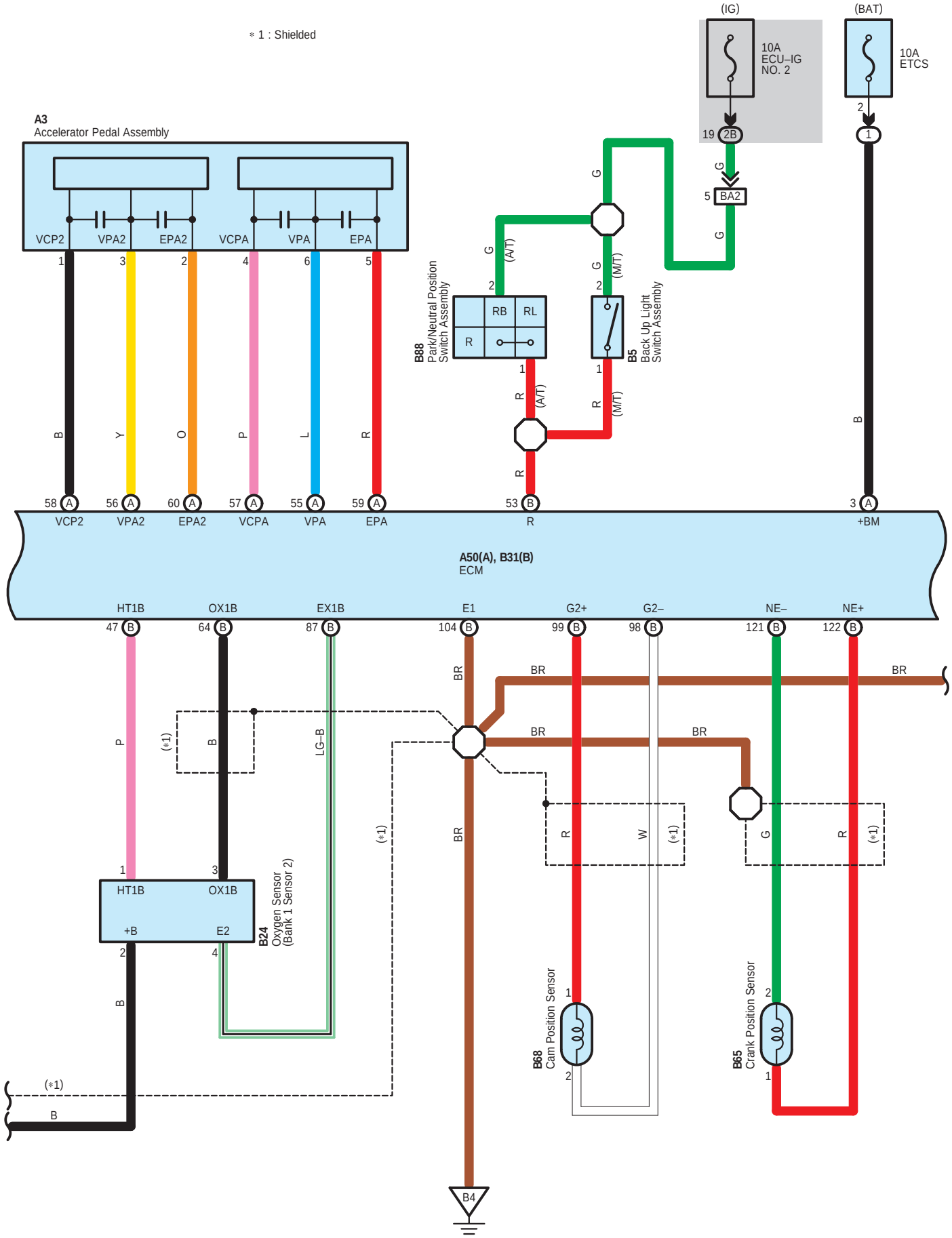

(IG)
(BAT)
7. 5A
IGN
7. 5A
AM1
1 2F
C/OPN
Relay
R
2 AM1
ACC
IG1
ST1 1
W
E4
Ignition or Starter
Switch Assembly
2 AE3
11 2B
9 2B
10 2B
8 2A
W
(A/T)
1 BA2
5 B
6 B
A45(A), A46(B)
Junction
Connector
2 A
4 A
3 A
4 B
A45(A), A46(B)
Junction
Connector
4
B
M
Pump
E
L17
Fuel Pump
5
L
B
P
N
B88
Park/Neutral Position
Switch Assembly
W
(M/T)
2
1
A5
Clutch Start
Switch Assembly
LG
2 BA2
6 BA2
W(A/T)
B
O
L
R
P
W–B
L2
L1

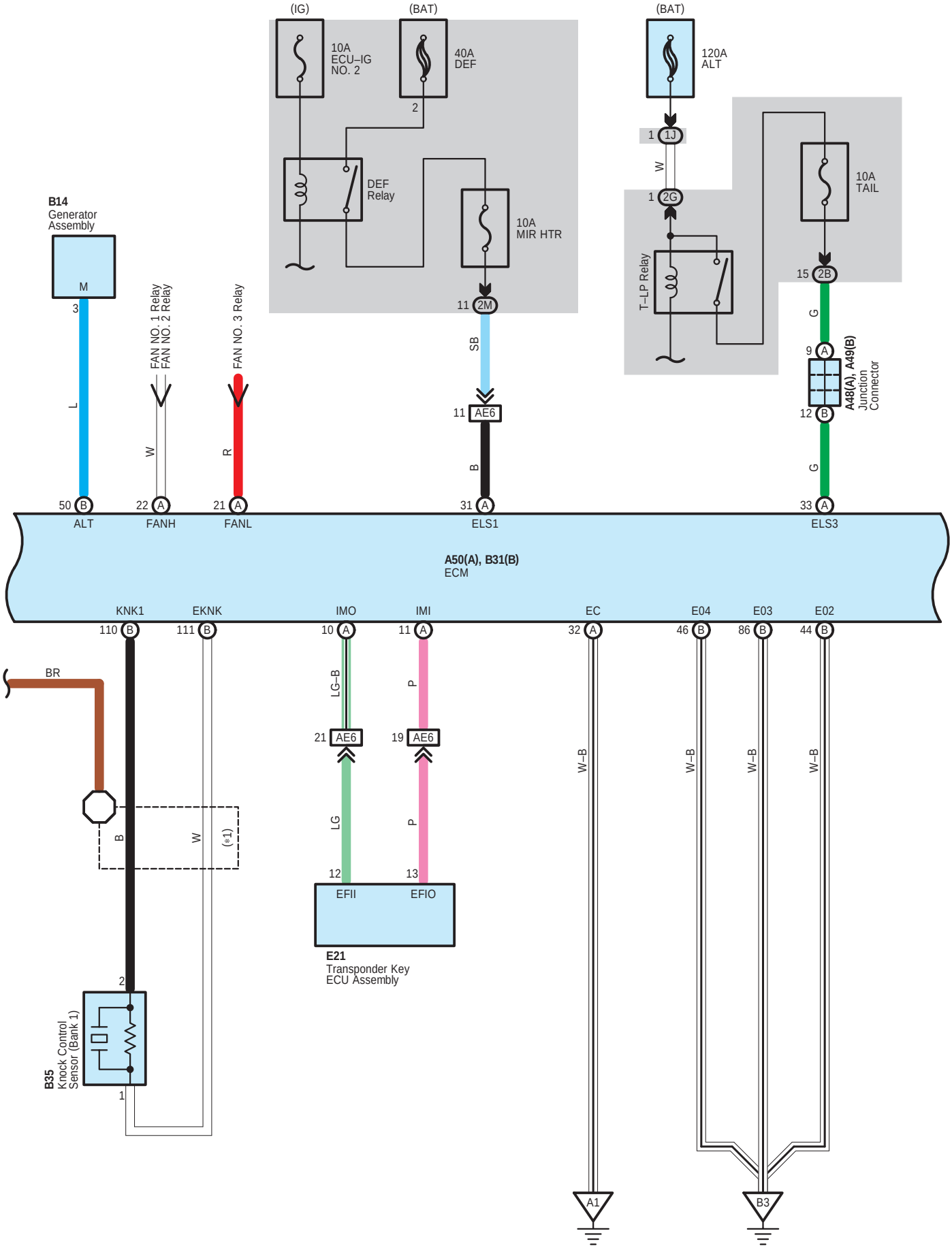

Leak Detection Pump
M
Canister Pressure Sensor
Vent Valve
MGND
MTRB
SGND
VOUT
VCC
VGND
VLVB
L50
Canister Pump Module
6
1
2
3
4
8
9
W–B
L
BR
V
Y
W
B
12 AL1
15 AL1
11 AL1
10 AL1
13 AL1
16 AL1
14 AL1
W–B
R
G
Y
V
W
B
4 BA4
1 BA4
2 BA4
3 BA4
G
Y
V
34 A
94 B
71 B
70 B
42 A
MPMP
EPPM
PPMP
VCPP
VPMP
A50(A), B31(B)
ECM
NSW
STA
BATT
+B
+B2
FC
IGSW
MREL
52 B
48 A
20 A
2 A
1 A
7 A
28 A
44 A
B
W
(A/T)
LG
P
B
O
L
W–B
B4
W(A/T)
LG
P
B
O
B
L
R
B
B
B
B
R
B
B
B
B

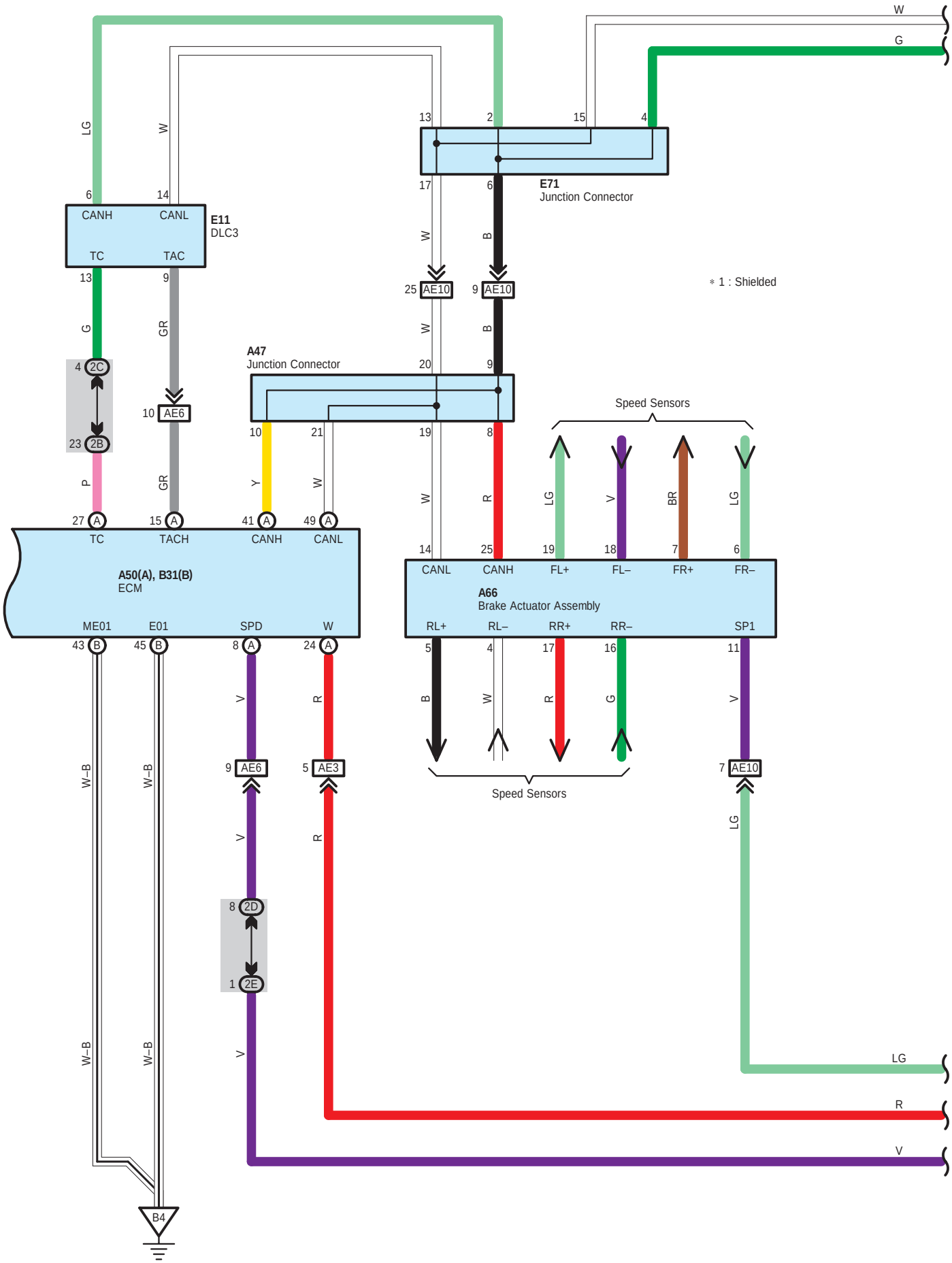


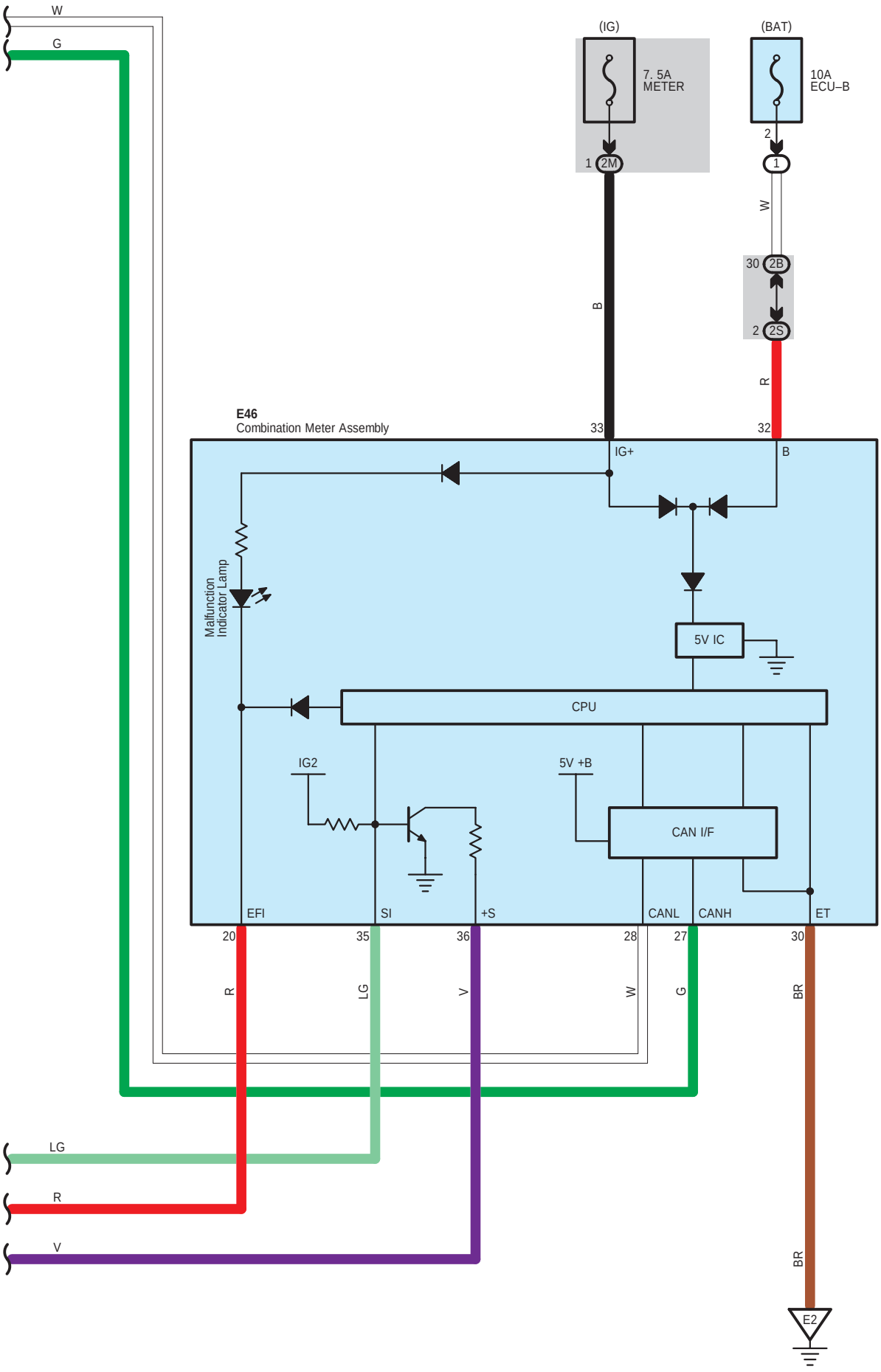
* 1 : Shielded
B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
3
5
6
4
2
1
BR
Y
LG
R
(*1)
P
L
BR
B95
Camshaft Timing Oil
Control Valve Assembly
2
1
B
V
91
67
115
114
42
41
63
100
123
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
OC1+
OC1–
A50(A), B31(B)
ECM
#10
#20
#30
#40
STP
ST1–
108
107
106
105
36
35
V
R
G
LG
L
R
(BAT)
10A
STOP
18
2B
A45(A), A46(B)
Junction
Connector
2
6
B9
Fuel Injector
Assembly No. 1
B10
Fuel Injector
Assembly No. 2
B11
Fuel Injector
Assembly No. 3
B12
Fuel Injector
Assembly No. 4
1
4
A1
Stop Light
Switch Assembly
W
R
B


B26
Ignition Coil No. 1
B27
Ignition Coil No. 2
B28
Ignition Coil No. 3
B29
Ignition Coil No. 4
IGT1
IGF
IGT2
IGF
IGT3
IGF
IGT4
IGF
B58
E. F. I. Engine Coolant Temperature Sensor
W–L
Y
B
L–B
BR
97 B THW
96 B ETHW
85 B IGT1
84 B IGT2
83 B IGT3
82 B IGT4
81 B IGF1
A50(A), B31(B)
ECM
VG
E2G
THA
ETHA
PRG
HA1A
A1A+
A1A–
118 B
116 B
65 B
88 B
49 B
109 B
112 B
113 B
V
P
BR–W
R
L
(*1)
B2
Intake Air Flow Meter Sub–Assembly
B19
Purge VSV
B92
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
+B
E2
HA1A
A1A+
A1A–

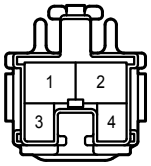

* 1 : Shielded
(IG)
10A
ECU–IG
NO. 2
(BAT)
10A
ETCS
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
B88
Park/Neutral Position
Switch Assembly
RB
RL
R
B5
Back Up Light
Switch Assembly
BA2
A50(A), B31(B)
ECM
HT1B
OX1B
EX1B
E1
G2+
G2–
NE–
NE+
+BM
B24
Oxygen Sensor
(Bank 1 Sensor 2)
+B
E2
B68
Cam Position Sensor
B65
Crank Position Sensor
B4


(IG)
(BAT)
10A
ECU–IG
NO. 2
40A
DEF
2
DEF
Relay
10A
MIR HTR
11 2M
SB
11 AE6
B
31 A
ELS1
(BAT)
120A
ALT
1 1J
W
1 2G
T–LP Relay
10A
TAIL
15 2B
G
9 A
A48(A), A49(B)
Junction
Connector
12 B
G
33 A
ELS3
B14
Generator
Assembly
M
3
L
50 B
ALT
FAN NO. 1 Relay
FAN NO. 2 Relay
W
22 A
FANH
FAN NO. 3 Relay
R
21 A
FANL
A50(A), B31(B)
ECM
KNK1
EKNK
IMO
IMI
EC
E04
E03
E02
110 B
111 B
10 A
11 A
32 A
46 B
86 B
44 B
BR
B
W
(*1)
2
1
B35
Knock Control
Sensor (Bank 1)
LG–B
21 AE6
LG
12
P
19 AE6
P
13
EFII
EFIO
E21
Transponder Key
ECU Assembly
W–B
W–B
W–B
W–B
A1
B3


W
G
LG
W
13
2
15
4
6
14
17
6
E71
Junction Connector
CANH
CANL
E11
DLC3
TC
TAC
W
B
13
9
25 AE10
9 AE10
∗ 1 : Shielded
G
GR
W
B
A47
Junction Connector
4 2C
20
9
10 AE6
23 2B
10
21
19
8
Speed Sensors
P
GR
Y
W
W
R
LG
V
BR
LG
27 A
15 A
41 A
49 A
14
25
19
18
7
6
TC
TACH
CANH
CANL
CANL
CANH
FL+
FL–
FR+
FR–
A50(A), B31(B)
ECM
A66
Brake Actuator Assembly
ME01
E01
SPD
W
RL+
RL–
RR+
RR–
SP1
43 B
45 B
8 A
24 A
5
4
17
16
11
B
W
R
G
V
W–B
W–B
V
R
9 AE6
5 AE3
7 AE10
Speed Sensors
LG
8 2D
1 2E
LG
R
V
W–B
W–B
V
B4


W
G
(IG)
7. 5A
METER
1
2M
(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
B
R
E46
Combination Meter Assembly
33
32
IG+
B
Malfunction
Indicator Lamp
5V IC
CPU
IG2
5V +B
CAN I/F
EFI
SI
+S
CANL
CANH
ET
20
35
36
28
27
30
R
LG
V
W
G
BR
LG
R
V
BR
E2

A 1
Black



A 3
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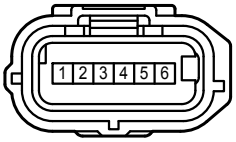
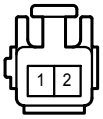
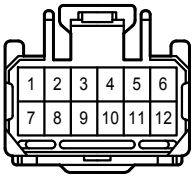


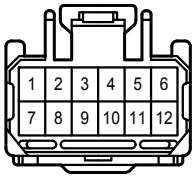
A 5
Black



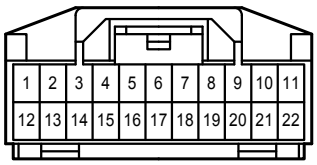
A 45
White



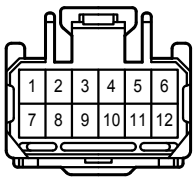
A 46
White



A 47
White



A 48
White



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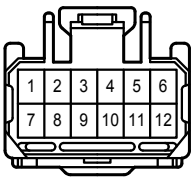

A 50
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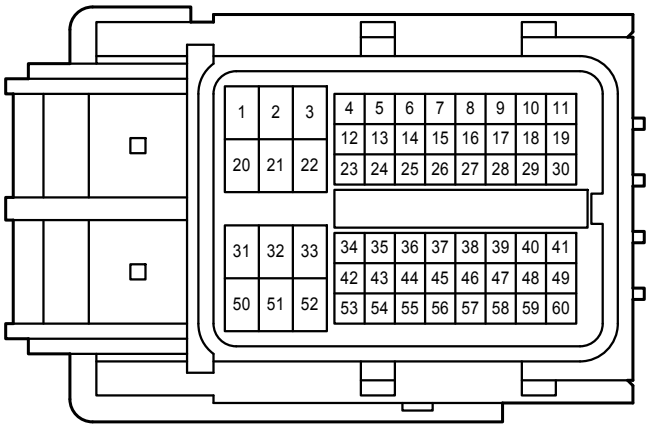
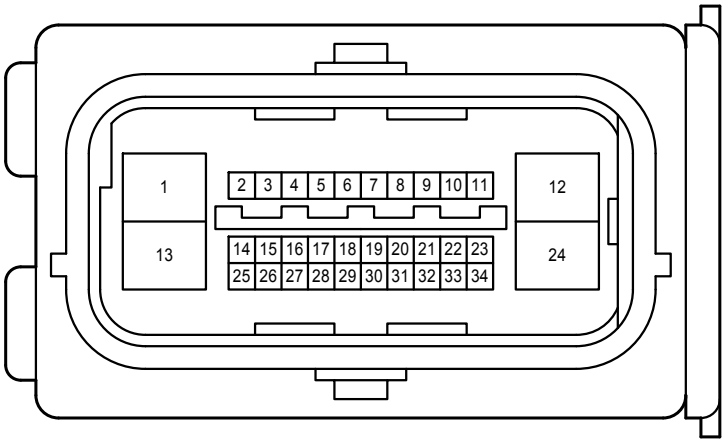
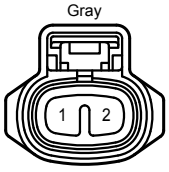


A 66
Black



B 2
Black

B 5
Gray



B 9
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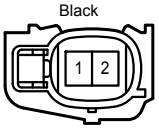

B 10
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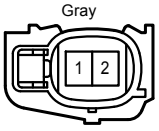
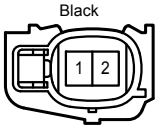


B 11
Black



B 12
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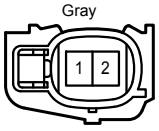
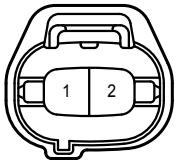


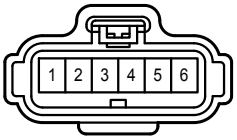
B 14
Black

B 19
Blue



B 24
Gray

B 25
Black



B 26
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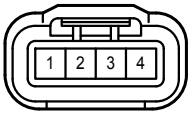

B 27
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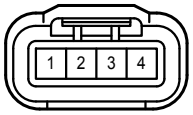

B 28
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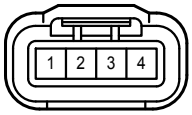

B 29
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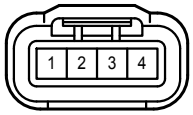

B 31
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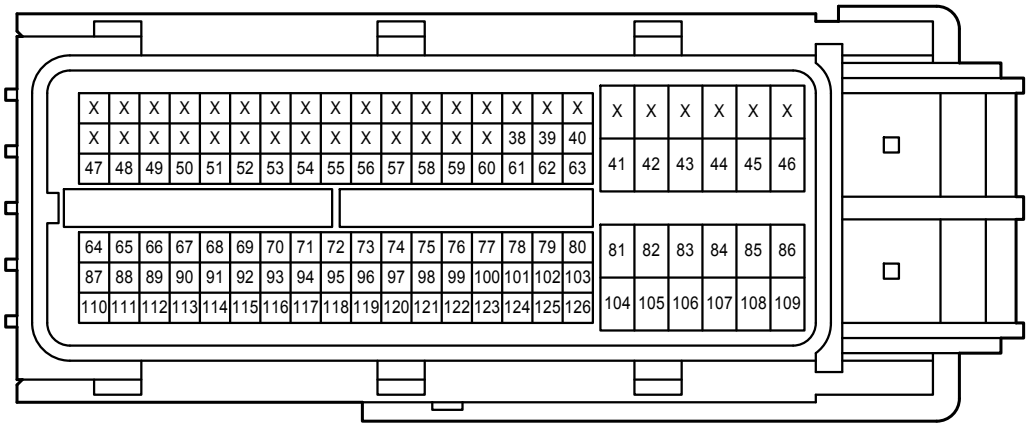

B 35
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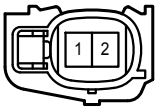
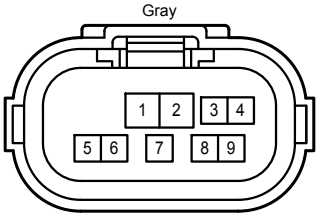


B 58
Gray

B 65
Gray

B 68
Black

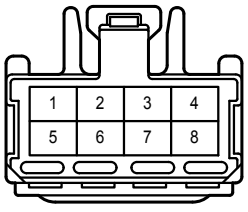
B 88
Gray



B 92
Gray

B 95
Black

E 4
White



E 11
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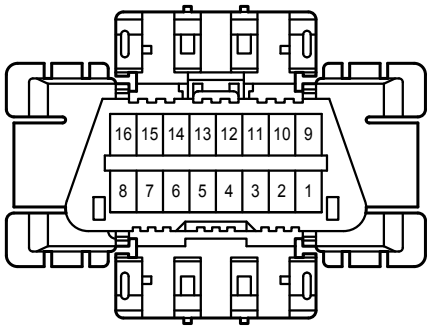

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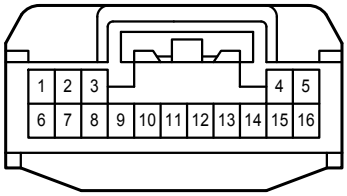

E 46
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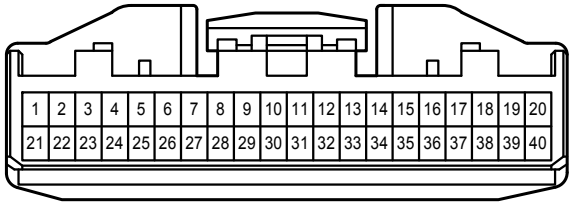

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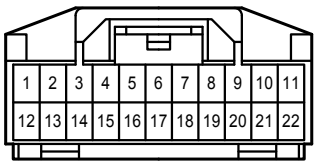
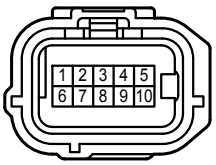


L 17
White

L 50
Black



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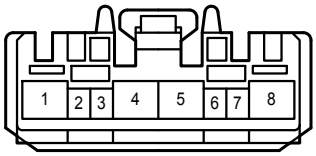

1B
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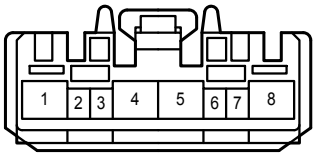
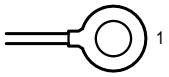


1J



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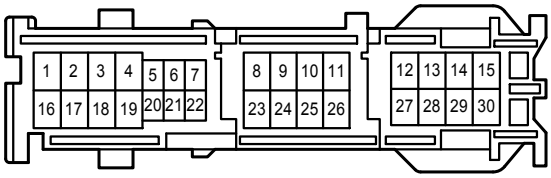

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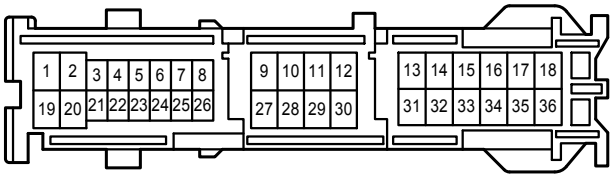

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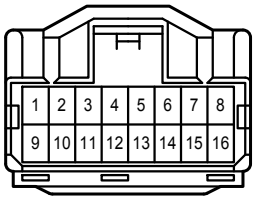

2D
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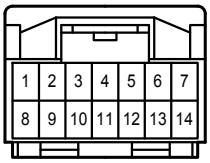

2E
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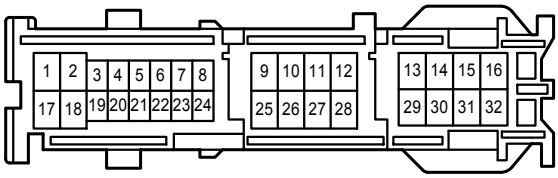

2F
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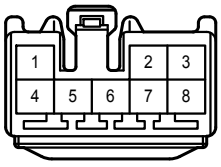
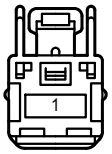
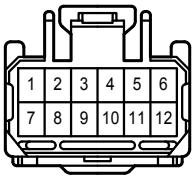


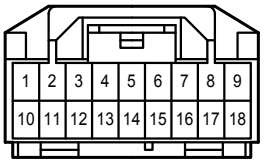
2G
White



2M
White



2S
White



AE3
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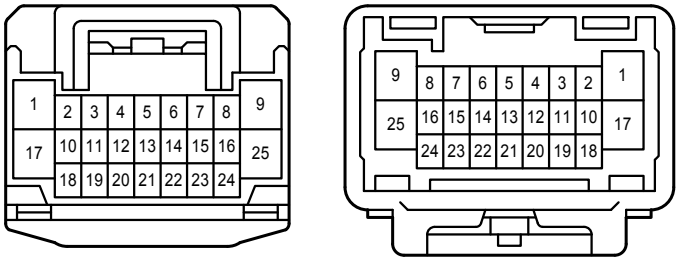
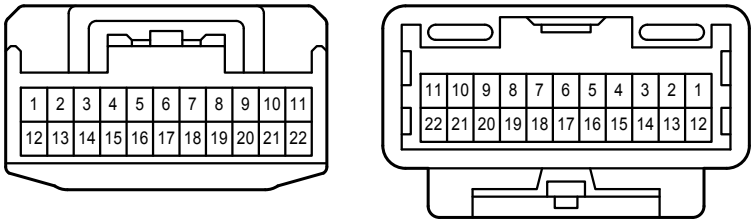
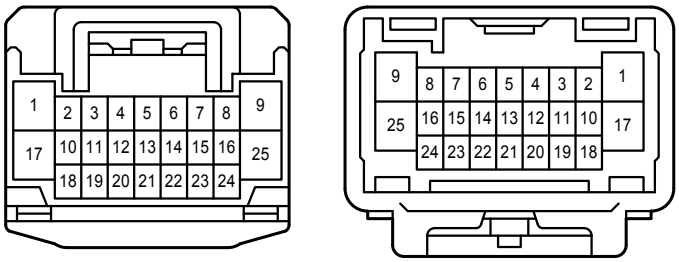


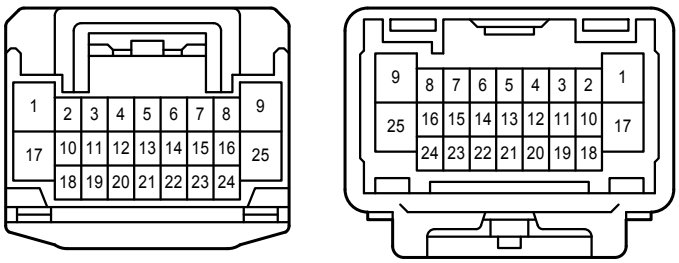
AE6
Gray



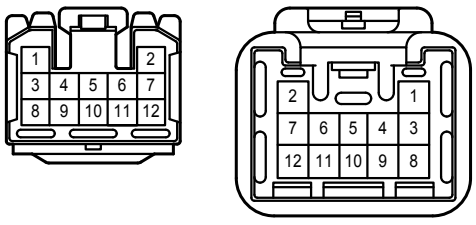
AE10
Gray



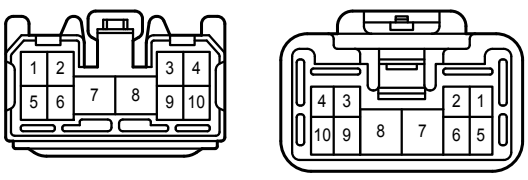
AL1
White



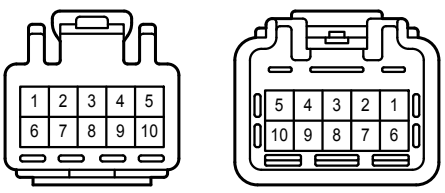
BA1
White

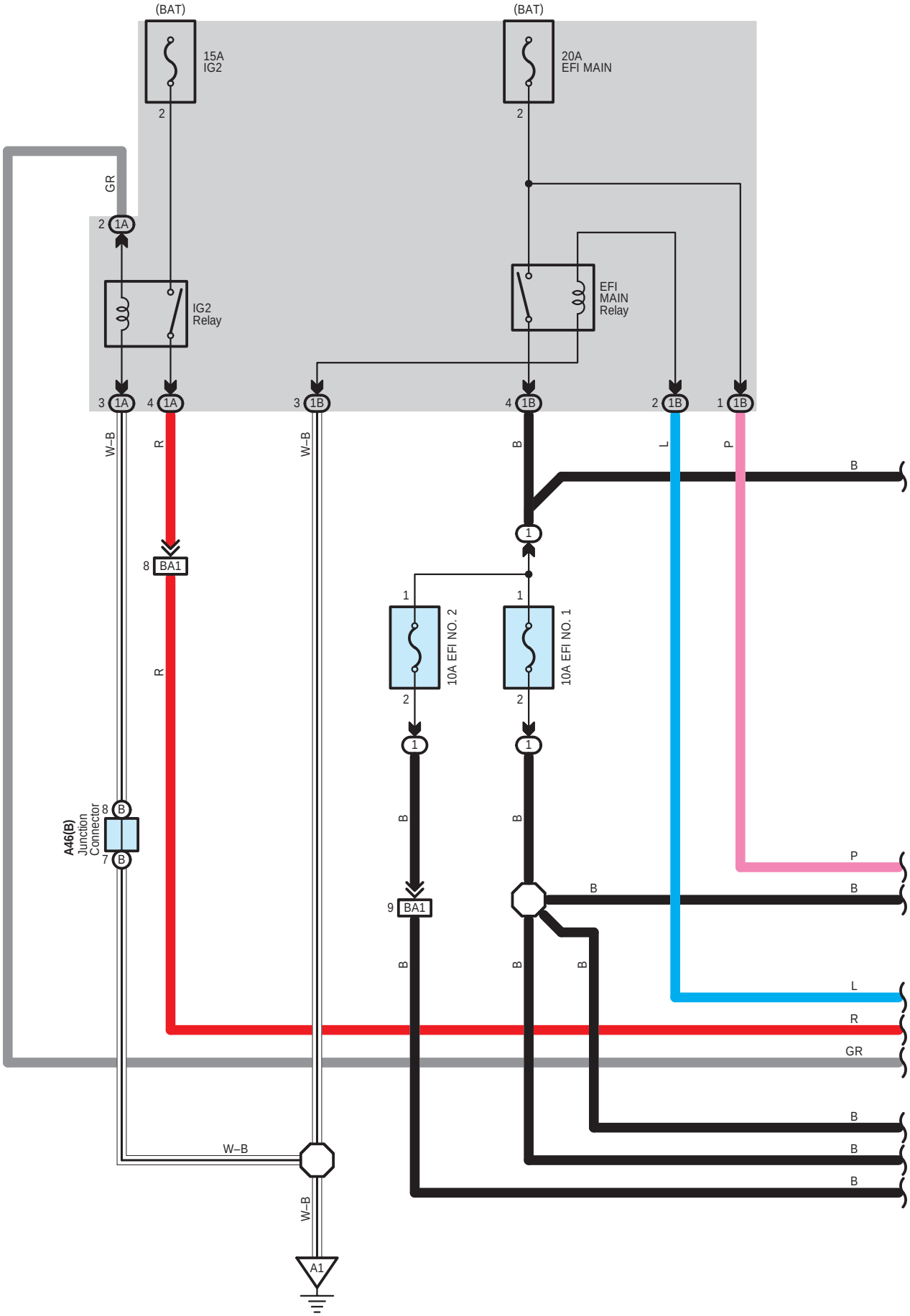


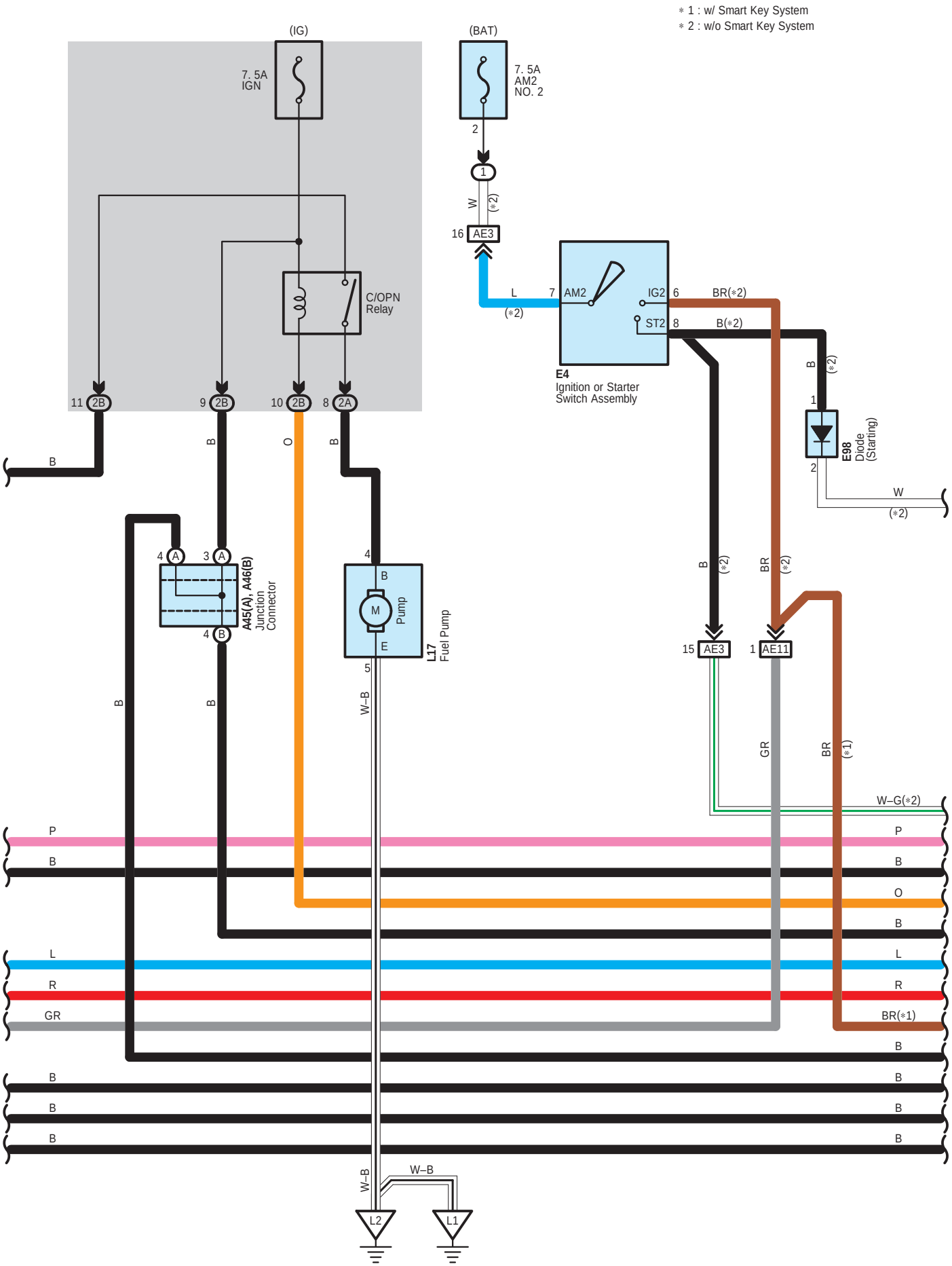
BA2
White

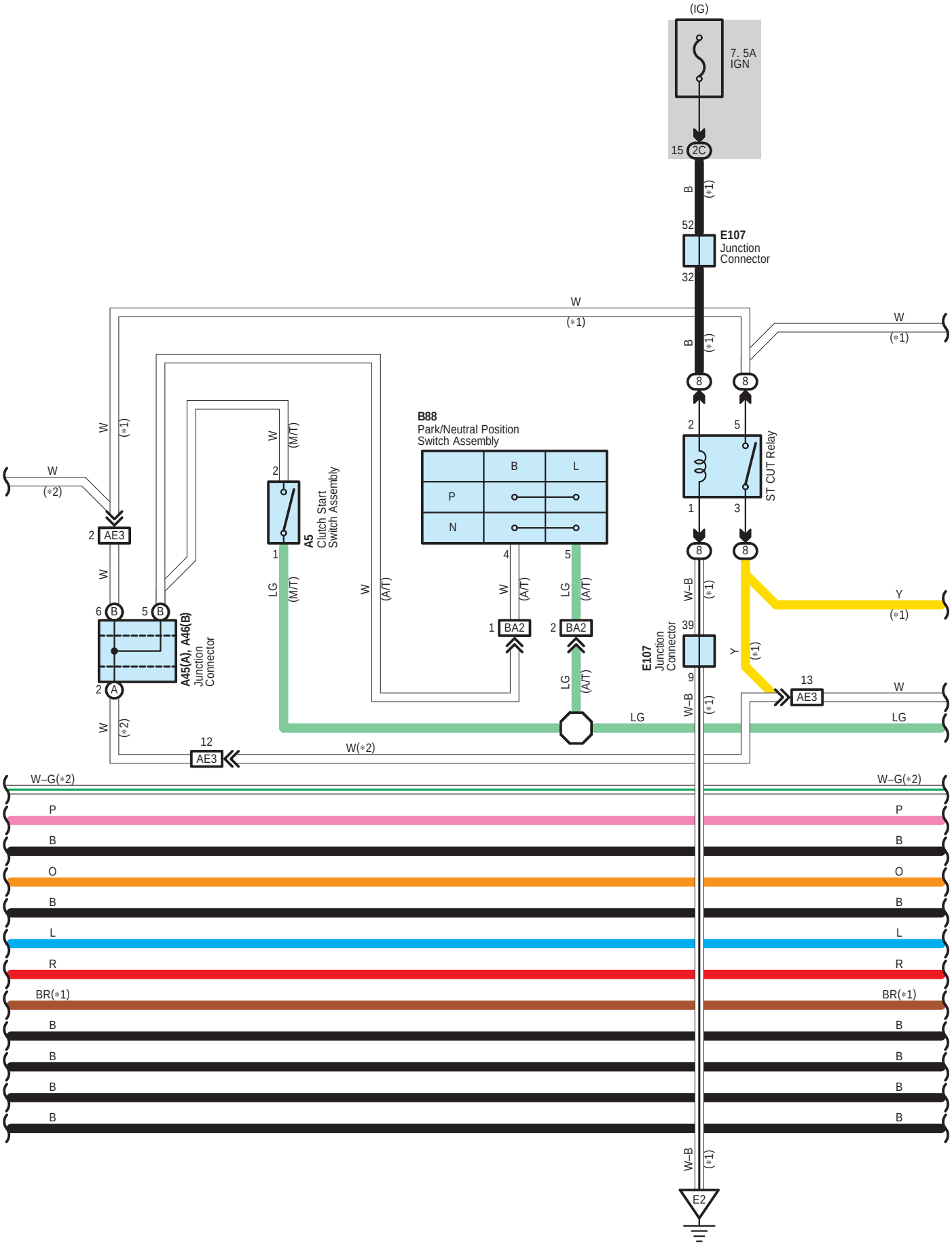


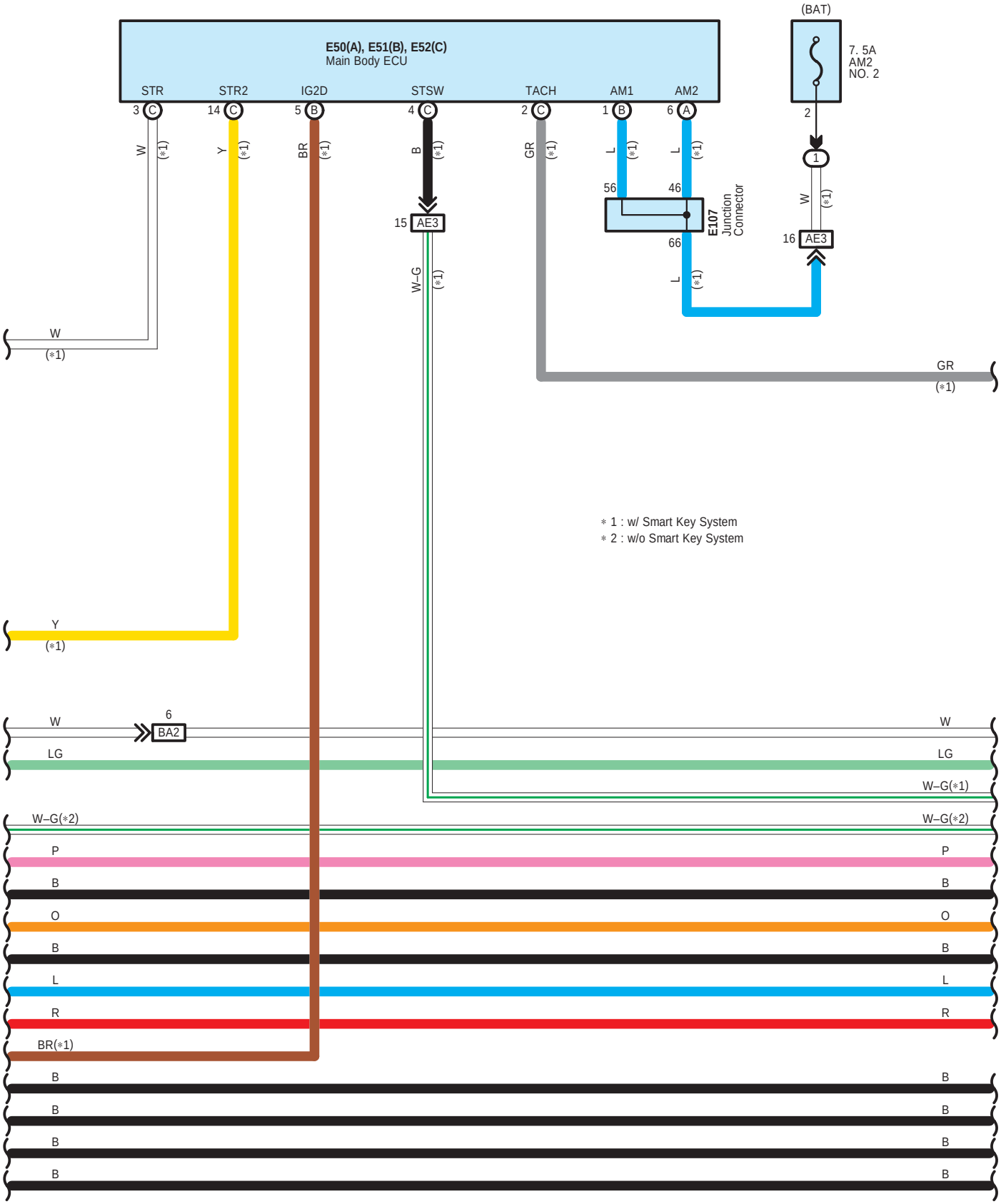
BA4
Gray

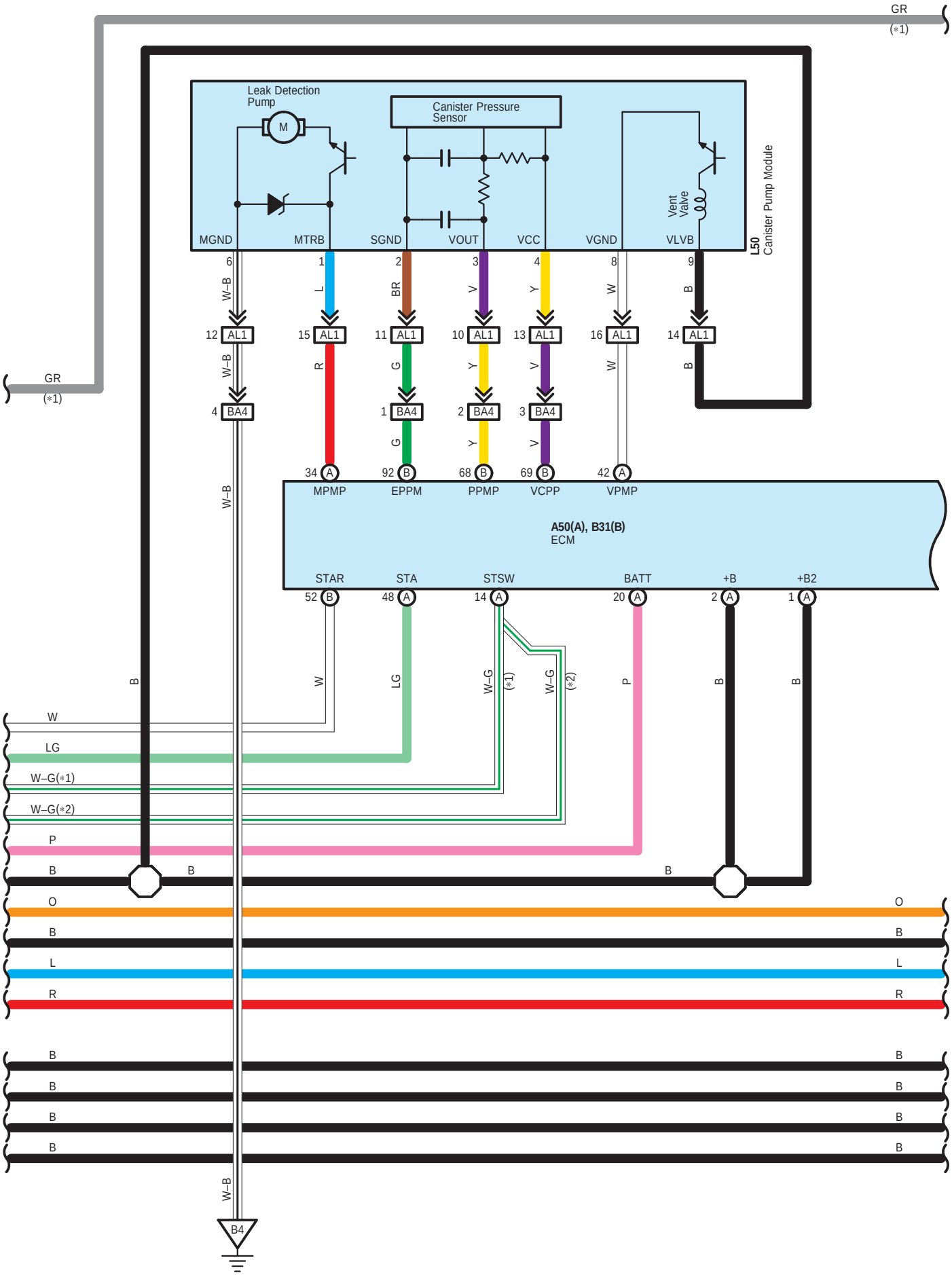


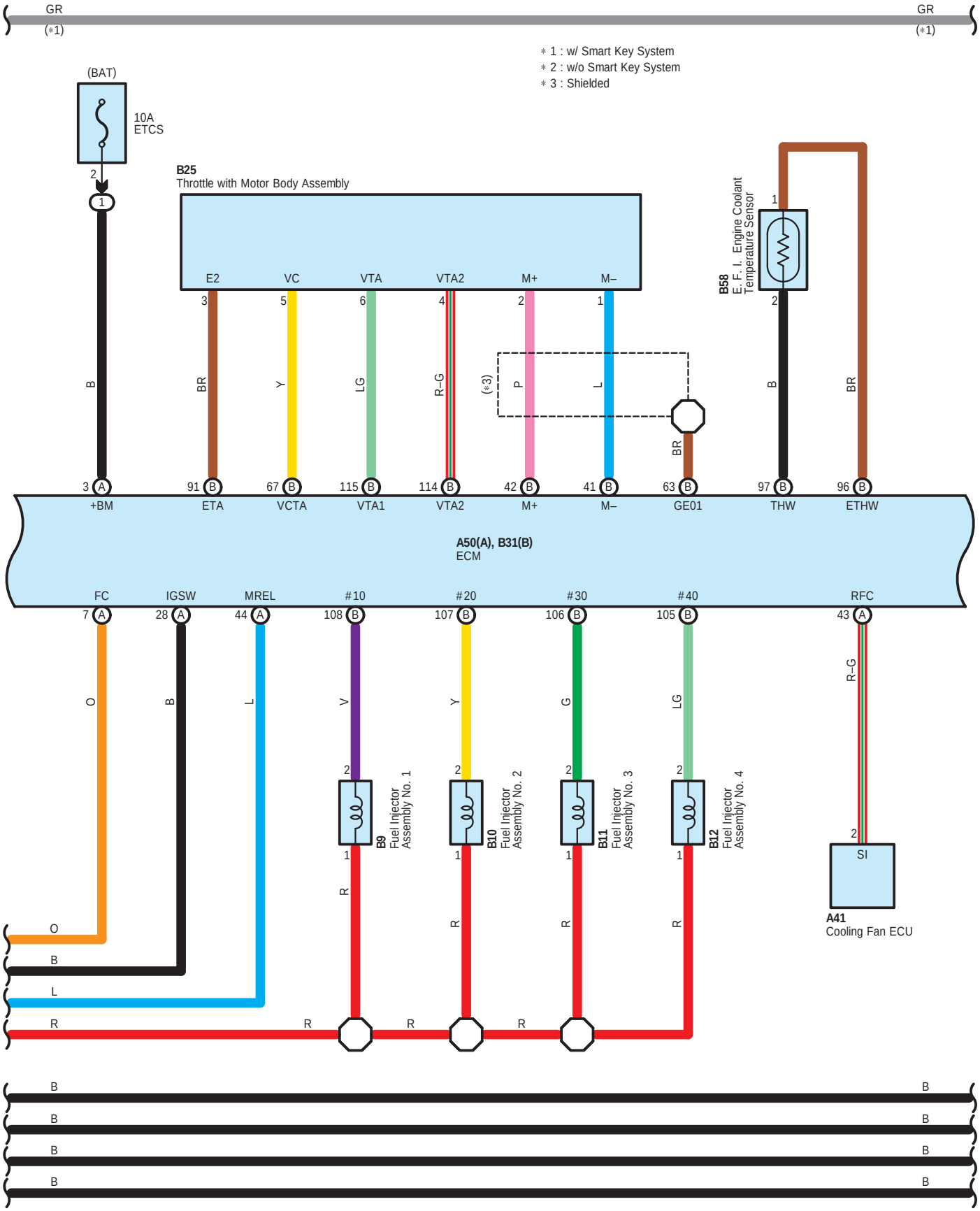

(BAT)
15A
IG2
2
(BAT)
20A
EFI MAIN
2
GR
2 1A
IG2
Relay
EFI
MAIN
Relay
3 1A
4 1A
3 1B
4 1B
2 1B
1 1B
W–B
R
W–B
B
L
P
B
1
8 BA1
1
1
10A EFI NO. 2
10A EFI NO. 1
2
2
1
1
R
B
B
A46(B)
Junction
Connector
8 B
7 B
9 BA1
P
B
B
B
B
L
R
GR
B
B
B
W–B
W–B
A1

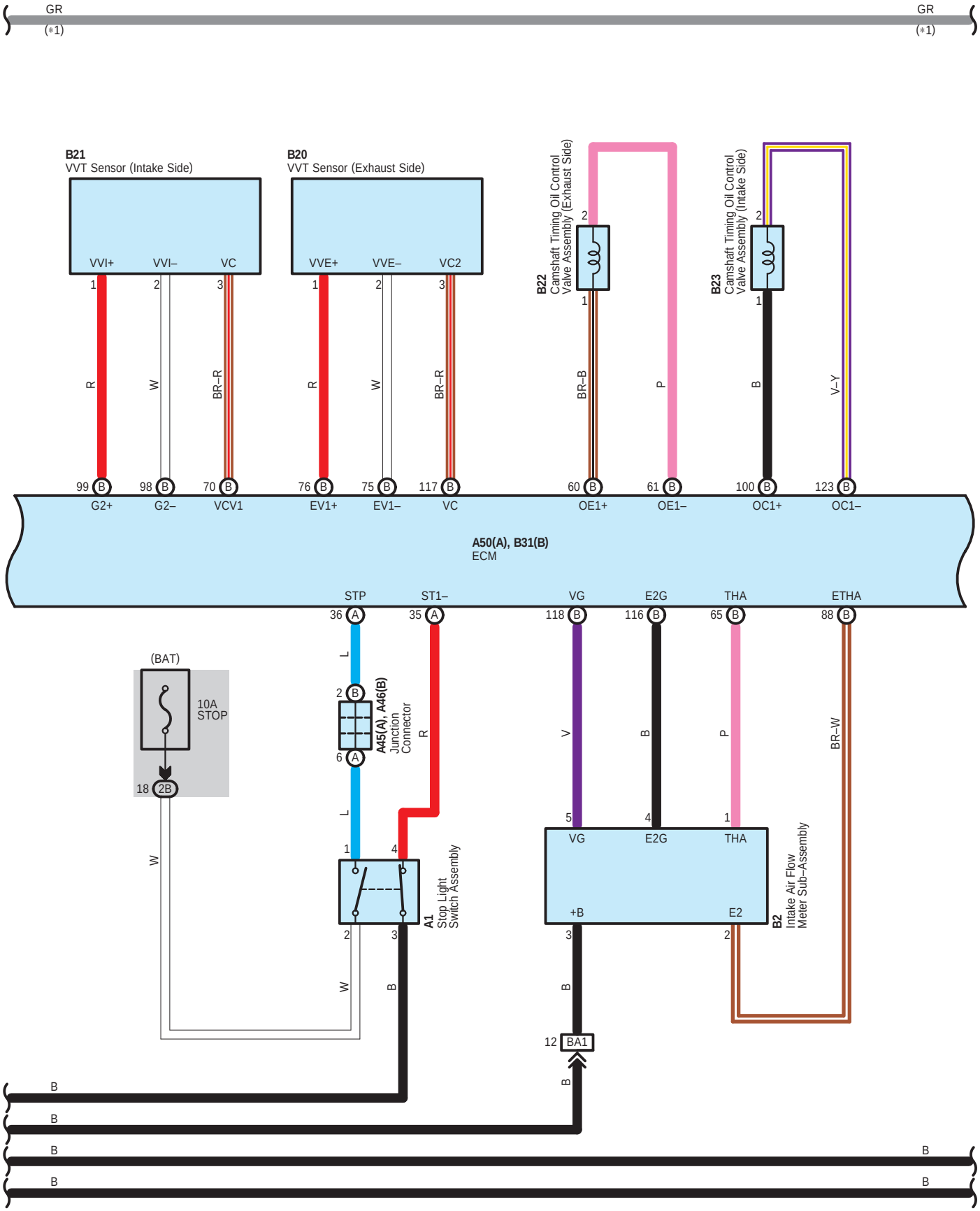

* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
(IG)
7. 5A
IGN
(BAT)
7. 5A
AM2
NO. 2
C/OPN
Relay
11 2B
9 2B
10 2B
8 2A
2
1
W
(*2)
16 AE3
L
(*2)
7 AM2
IG2 6
BR(*2)
ST2 8
B(*2)
E4
Ignition or Starter
Switch Assembly
B
(*2)
1
E98
Diode
(Starting)
2
W
(*2)
B
B
O
B
4 A
3 A
4 B
A45(A), A46(B)
Junction
Connector
4
B
M
Pump
E
5
L17
Fuel Pump
W–B
B
(*2)
BR
(*2)
15 AE3
1 AE11
GR
BR
(*1)
W–G(*2)
P
B
O
B
L
R
GR
BR(*1)
B
B
B
B
B
B
W–B
W–B
L2
L1

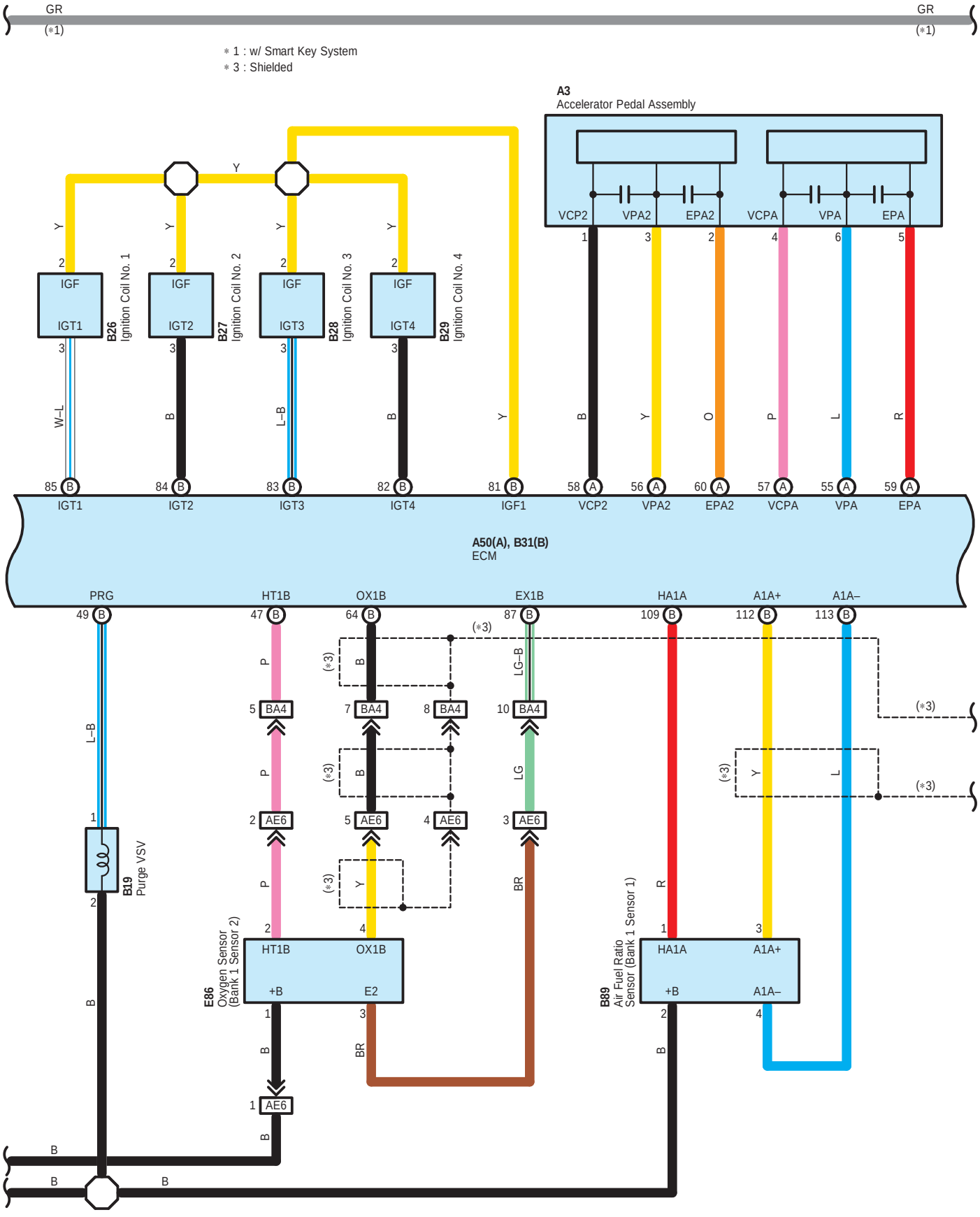

(IG)
7. 5A
IGN
15 2C
B (*1)
52
E107
Junction
Connector
32
W (*1)
W (*1)
B (*1)
8
8
2
5
ST CUT Relay
1
3
8
8
W (*1)
W (*2)
2 AE3
W (*1)
W (M/T)
2
1
A5
Clutch Start
Switch Assembly
LG (M/T)
W (A/T)
B88
Park/Neutral Position
Switch Assembly
B
L
P
N
4
5
W (A/T)
LG (A/T)
1 BA2
2 BA2
LG (A/T)
W–B (*1)
39
E107
Junction
Connector
Y (*1)
Y (*1)
9
W–B (*1)
13
AE3
W
LG
LG
6 B
5 B
2 A
A45(A), A46(B)
Junction
Connector
W (*2)
12
AE3
W(*2)
W–G(*2)
P
B
O
B
L
R
BR(*1)
B
B
B
B
W–G(*2)
P
B
O
B
L
R
BR(*1)
B
B
B
B
W–B (*1)
E2

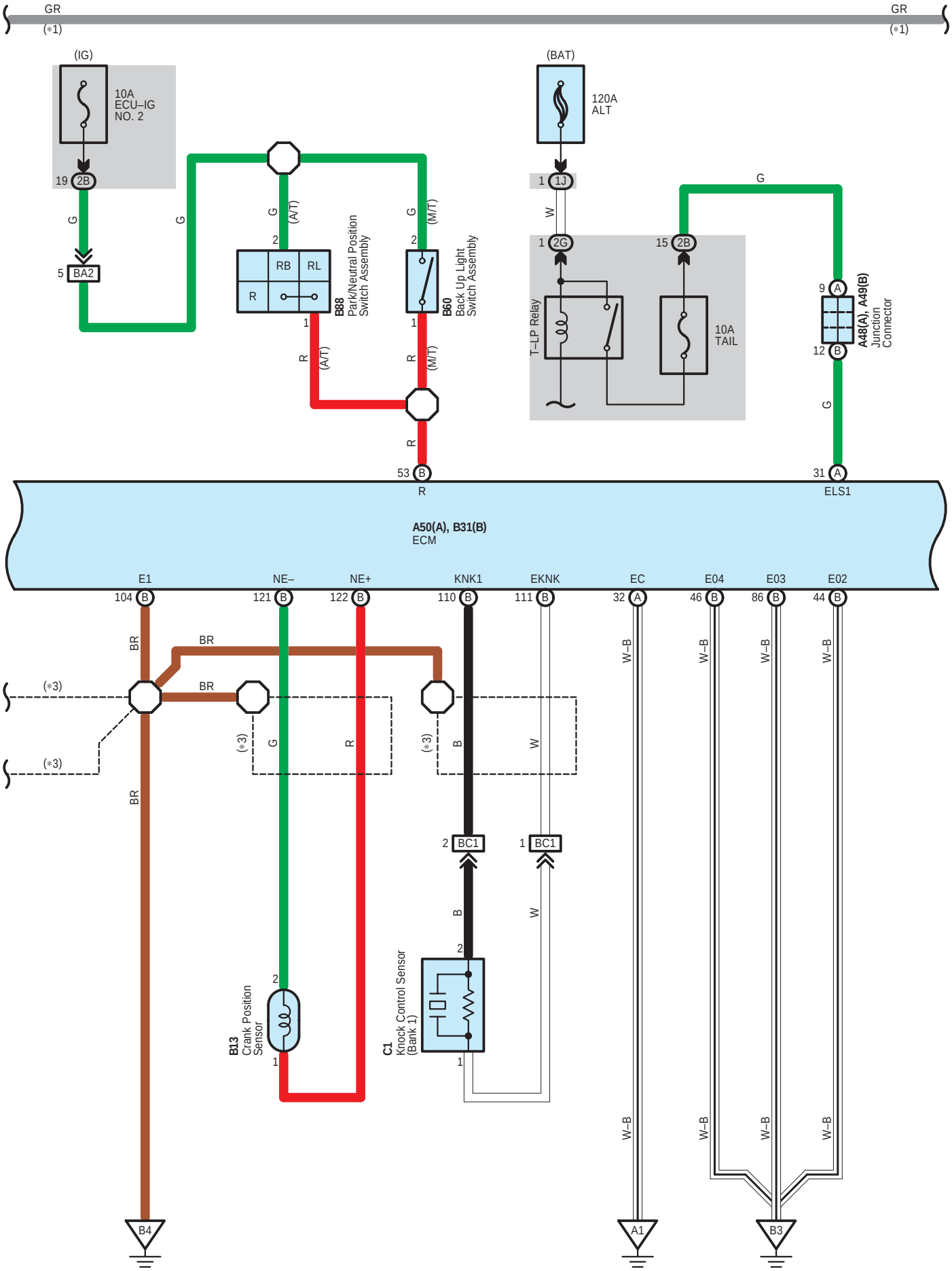

E50(A), E51(B), E52(C)
Main Body ECU
STR
STR2
IG2D
STSW
TACH
AM1
AM2
3 C
14 C
5 B
4 C
2 C
1 B
6 A
(BAT)
7. 5A
AM2
NO. 2
2
1
W
(*1)
Y
(*1)
BR
(*1)
B
(*1)
GR
(*1)
L
(*1)
L
(*1)
56
46
66
E107
Junction
Connector
15 AE3
16 AE3
W–G
(*1)
W
(*1)
GR
(*1)
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
Y
(*1)
W
6
BA2
LG
W–G(*2)
P
B
O
B
L
R
BR(*1)
B
B
B
B
W
LG
W–G(*1)
W–G(*2)
P
B
O
B
L
R
B
B
B
B

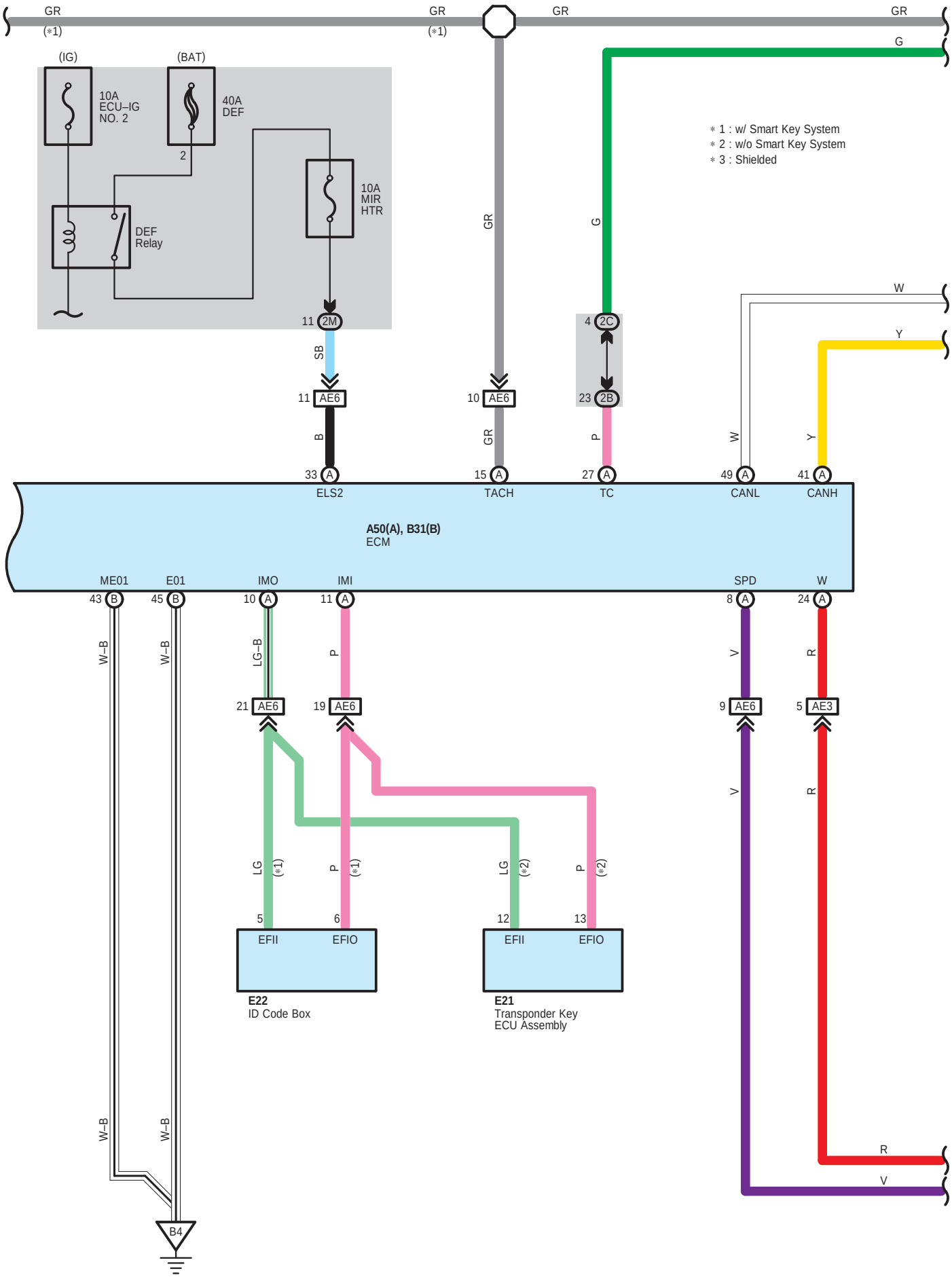

GR
(*1)
Leak Detection Pump
M
Canister Pressure Sensor
Vent Valve
MGND
MTRB
SGND
VOUT
VCC
VGND
VLVB
L50
Canister Pump Module
6
1
2
3
4
8
9
W–B
L
BR
V
Y
W
B
12 AL1
15 AL1
11 AL1
10 AL1
13 AL1
16 AL1
14 AL1
4 BA4
1 BA4
2 BA4
3 BA4
R
G
34 A
92 B
68 B
69 B
42 A
MPMP
EPPM
PPMP
VCPP
VPMP
A50(A), B31(B)
ECM
STAR
STA
STSW
BATT
+B
+B2
52 B
48 A
14 A
20 A
2 A
1 A
W
LG
W–G
(*1)
(*2)
P
B
W
LG
W–G(*1)
W–G(*2)
P
B
O
B
L
R
B4

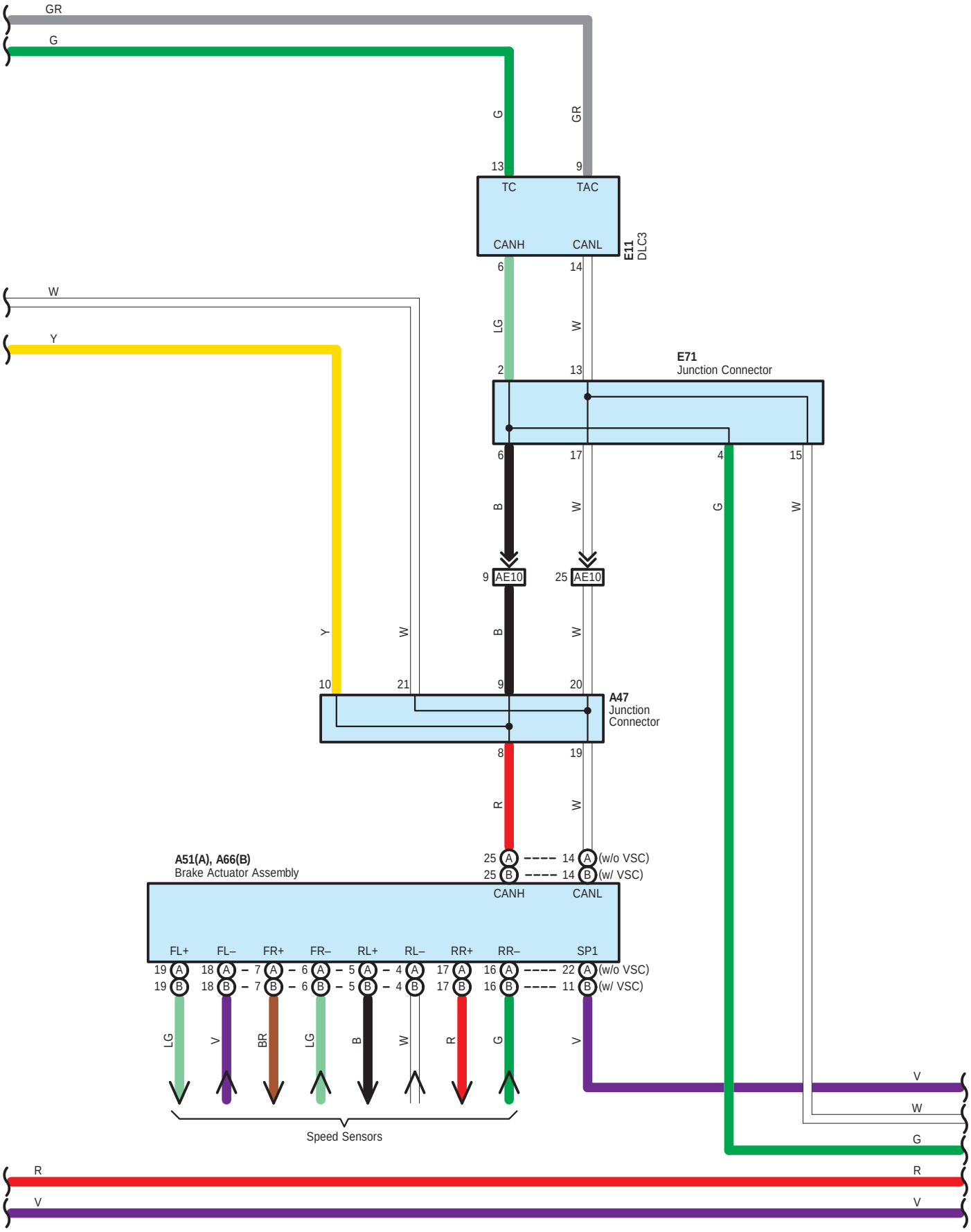

GR
(*1)
GR
(*1)
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : Shielded
(BAT)
10A
ETCS
B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
B58
E. F. I. Engine Coolant Temperature Sensor
A50(A), B31(B)
ECM
+BM
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
THW
ETHW
FC
IGSW
MREL
#10
#20
#30
#40
RFC
B9
Fuel Injector Assembly No. 1
B10
Fuel Injector Assembly No. 2
B11
Fuel Injector Assembly No. 3
B12
Fuel Injector Assembly No. 4
SI
A41
Cooling Fan ECU

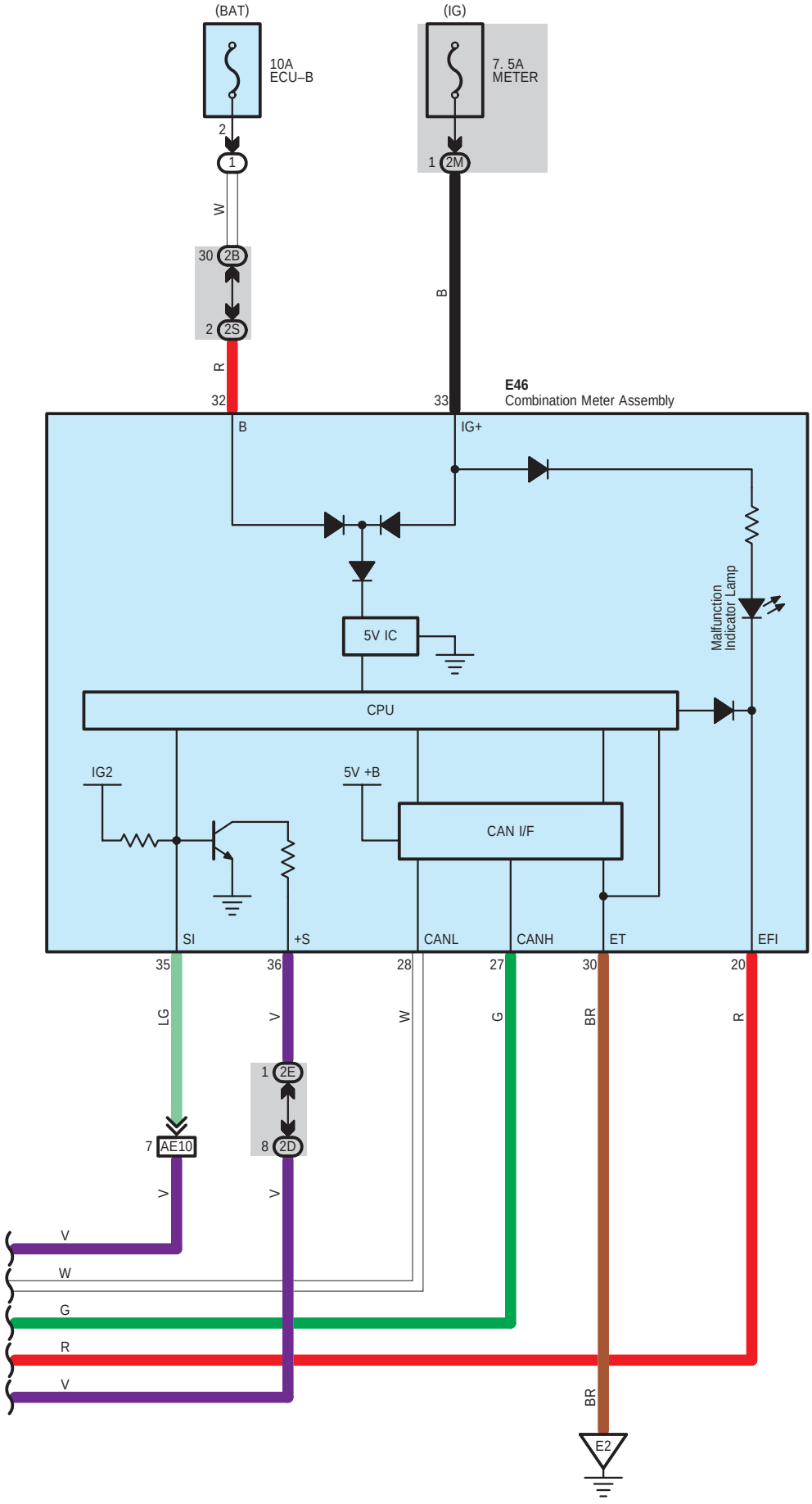

GR
(*1)
GR
(*1)
B21
VVT Sensor (Intake Side)
VVI+
VVI–
VC
B20
VVT Sensor (Exhaust Side)
VVE+
VVE–
VC2
B22
Camshaft Timing Oil Control Valve Assembly (Exhaust Side)
B23
Camshaft Timing Oil Control Valve Assembly (Intake Side)
R
W
BR–R
BR–B
P
B
V–Y
99 G2+
98 G2–
70 VCV1
76 EV1+
75 EV1–
117 VC
60 OE1+
61 OE1–
100 OC1+
123 OC1–
A50(A), B31(B)
ECM
STP
ST1–
VG
E2G
THA
ETHA
36
35
118
116
65
88
(BAT)
10A
STOP
18 2B
L
A45(A), A46(B)
Junction Connector
R
V
B
P
BR–W
A1
Stop Light Switch Assembly
B2
Intake Air Flow Meter Sub–Assembly
+B
E2
12 BA1
B


GR
(*1)
GR
(*1)
* 1 : w/ Smart Key System
* 3 : Shielded
A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
B26 Ignition Coil No. 1
B27 Ignition Coil No. 2
B28 Ignition Coil No. 3
B29 Ignition Coil No. 4
IGF
IGT1
IGT2
IGT3
IGT4
A50(A), B31(B)
ECM
PRG
HT1B
OX1B
EX1B
HA1A
A1A+
A1A–
B19 Purge VSV
E86 Oxygen Sensor (Bank 1 Sensor 2)
B89 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
BA4
AE6
(*3)

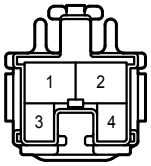

GR
(*1)
GR
(*1)
(IG)
10A
ECU–IG
NO. 2
19 2B
G
5 BA2
G
G
(A/T)
2
RB
RL
R
1
R
(A/T)
B88
Park/Neutral Position
Switch Assembly
G
(M/T)
2
1
R
(M/T)
B60
Back Up Light
Switch Assembly
R
53 B
R
(BAT)
120A
ALT
1 1J
W
1 2G
15 2B
G
T–LP Relay
10A
TAIL
9 A
12 B
G
A48(A), A49(B)
Junction
Connector
31 A
ELS1
A50(A), B31(B)
ECM
E1
104 B
NE–
121 B
NE+
122 B
KNK1
110 B
EKNK
111 B
EC
32 A
E04
46 B
E03
86 B
E02
44 B
BR
BR
BR
BR
(*3)
(*3)
(*3)
G
R
B
W
W–B
2 BC1
1 BC1
B
W
2
1
B13
Crank Position
Sensor
2
1
C1
Knock Control Sensor
(Bank 1)
B4
A1
B3


GR
(*1)
GR
(*1)
GR
GR
G
(IG)
(BAT)
10A
ECU–IG
NO. 2
40A
DEF
2
DEF
Relay
10A
MIR
HTR
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : Shielded
GR
G
W
Y
11 2M
SB
4 2C
11 AE6
10 AE6
23 2B
B
GR
P
W
Y
33 A
15 A
27 A
49 A
41 A
ELS2
TACH
TC
CANL
CANH
A50(A), B31(B)
ECM
ME01
E01
IMO
IMI
SPD
W
43 B
45 B
10 A
11 A
8 A
24 A
W–B
W–B
LG–B
P
V
R
21 AE6
19 AE6
9 AE6
5 AE3
V
R
LG
(*1)
P
(*1)
LG
(*2)
P
(*2)
5
6
12
13
EFII
EFIO
EFII
EFIO
E22
ID Code Box
E21
Transponder Key
ECU Assembly
R
V
W–B
W–B
B4

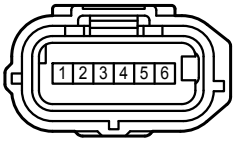

GR
G
G
GR
13
9
TC
TAC
CANH
CANL
E11
DLC3
6
14
LG
W
W
Y
2
13
E71
Junction Connector
6
17
4
15
B
W
G
W
9 AE10
25 AE10
Y
W
B
W
10
21
9
20
A47
Junction
Connector
8
19
R
W
A51(A), A66(B)
Brake Actuator Assembly
25 A ---- 14 A (w/o VSC)
25 B ---- 14 B (w/ VSC)
CANH
CANL
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
19 A
19 B
18 A – 7 A
18 B – 7 B
6 A – 5 A
6 B – 5 B
4 A
4 B
17 A
17 B
16 A ---- 22 A (w/o VSC)
16 B ---- 11 B (w/ VSC)
LG
V
BR
LG
B
W
R
G
V
Speed Sensors
V
W
G
R
V
R
V


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
32
(IG)
7. 5A
METER
1
2M
B
33
E46
Combination Meter Assembly
B
IG+
5V IC
Malfunction
Indicator Lamp
CPU
IG2
5V +B
CAN I/F
SI
+S
CANL
CANH
ET
EFI
35
36
28
27
30
20
LG
V
W
G
BR
R
1
2E
8
2D
7
AE10
V
V
V
W
G
R
V
BR
E2

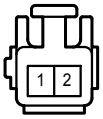
A 1
Black



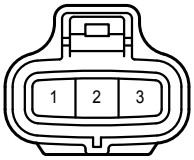
A 3
Black



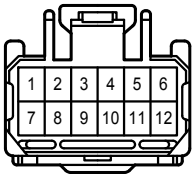
A 5
Black



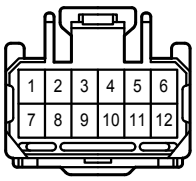
A 41
Black



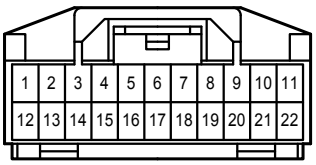
A 45
White



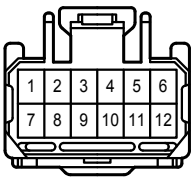
A 46
White



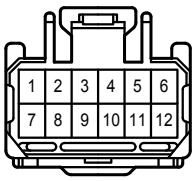
A 47
White



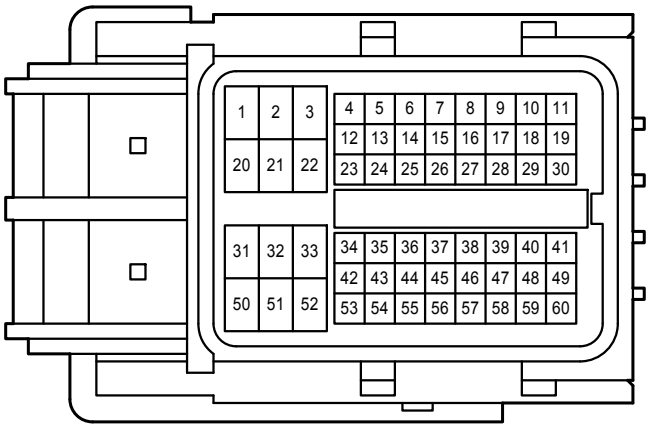
A 48
White



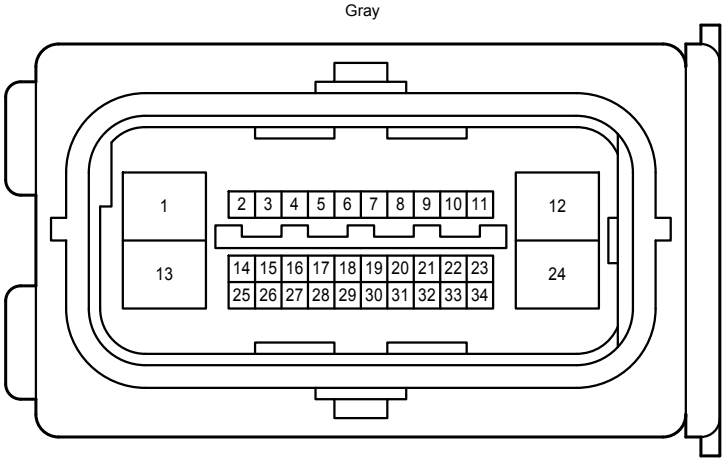
A 49
White



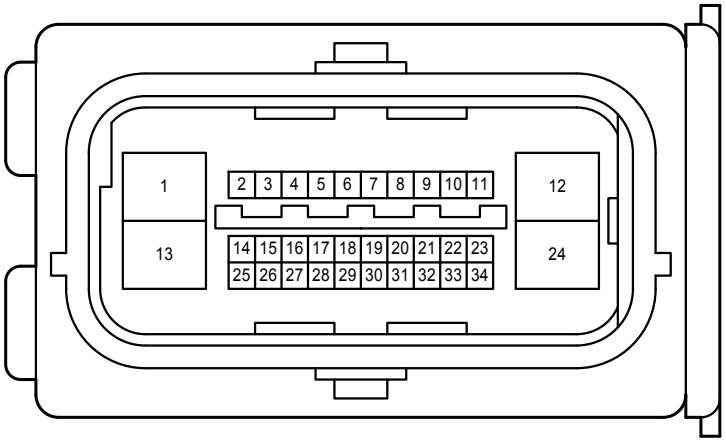
A 50
Black



A 51
Gray

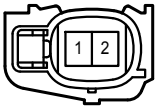


A 66
Black

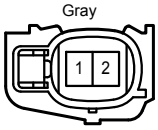


B 2
Black

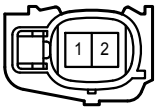
B 9
Black



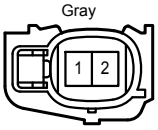
B 10
Gray



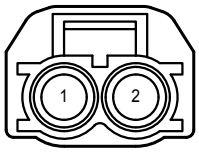
B 11
Black



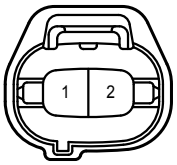
B 12
Gray



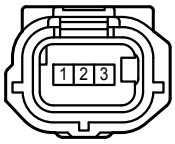
B 13
Black



B 19
Blue



B 20
Black



B 21
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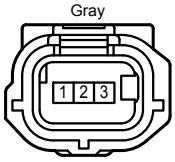
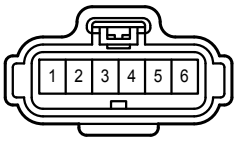


B 22
Black

B 23
Gray

B 25
Black



B 26
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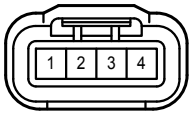
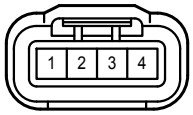


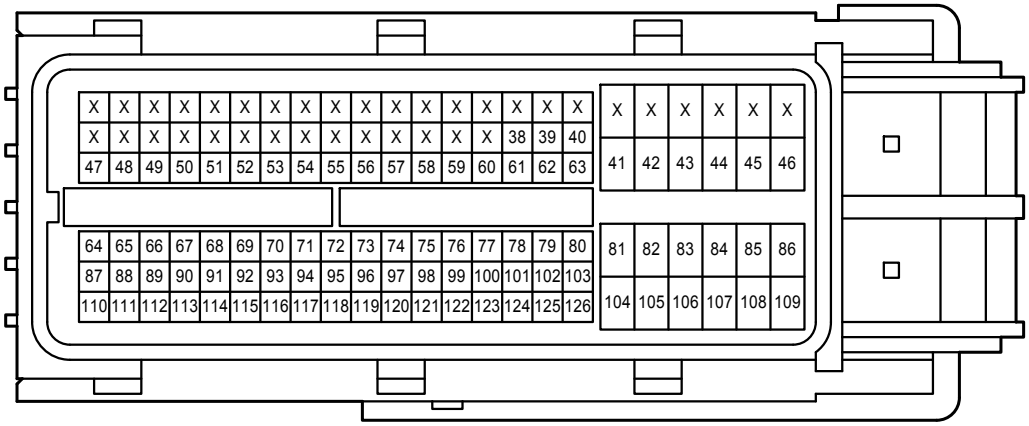
B 27
Gray

B 28
Black



B 29
Gray

B 31
Black



B 58
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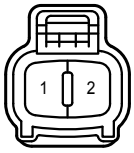
B 60
Gray



B 88
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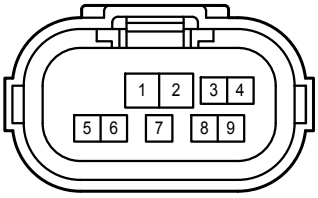
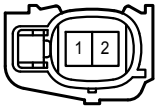


B 89
Gray

C 1
Black



E 4
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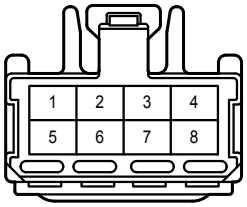

E 11
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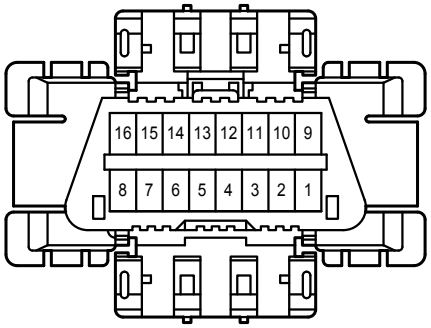

E 21
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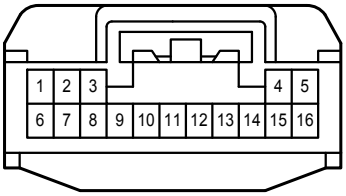

E 22
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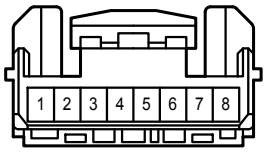

E 46
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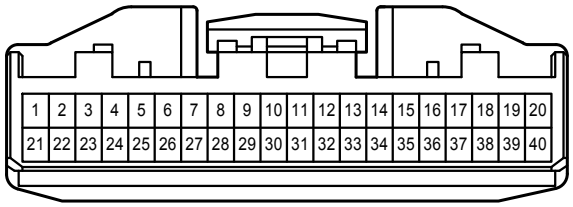

E 50
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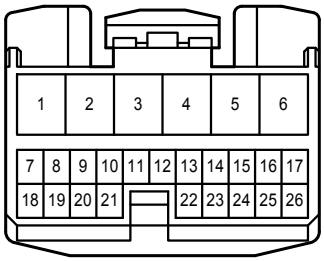

E 51
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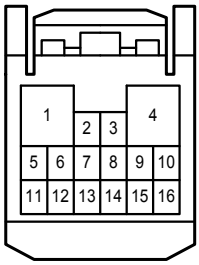

E 52
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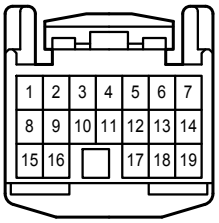

E 71
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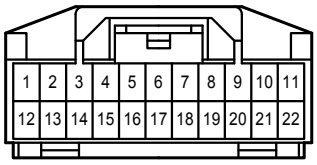

E 86
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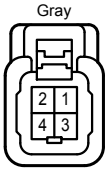
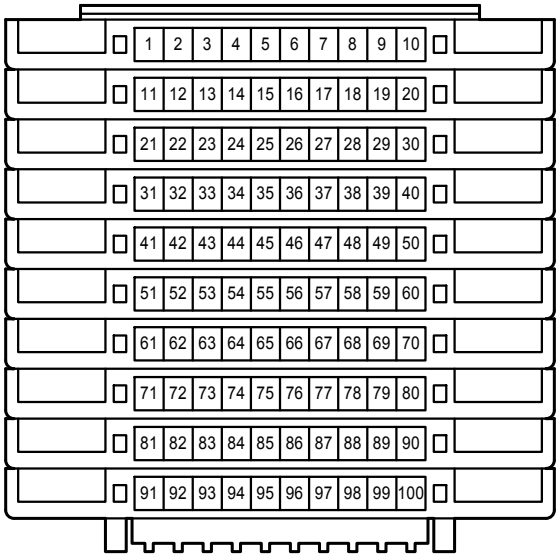


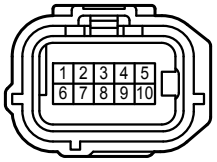
E 98
Black

E107
White

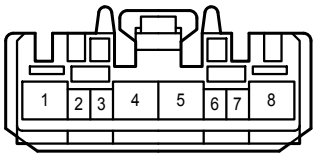


L 17
White

L 50
Black



1A
White



1B
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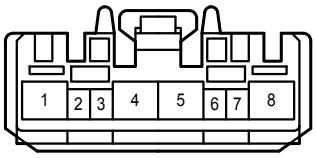
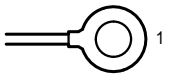


1J



2A
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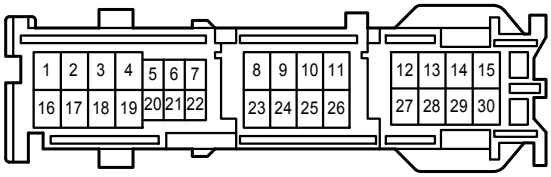

2B
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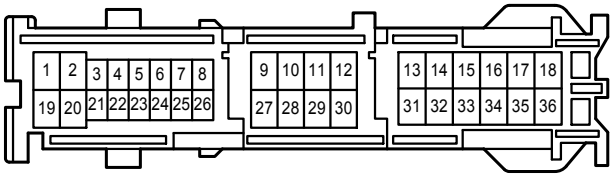

2C
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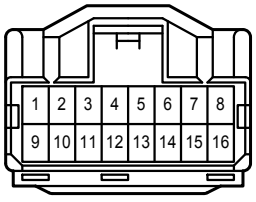
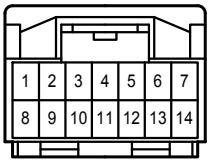


2D
White



2E
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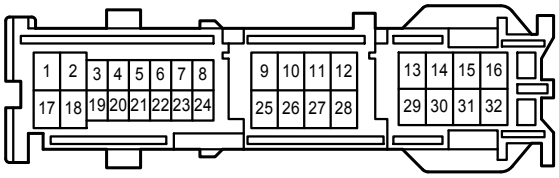
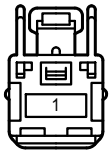
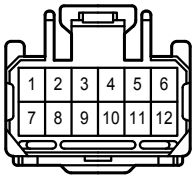


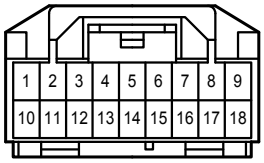
2G
White



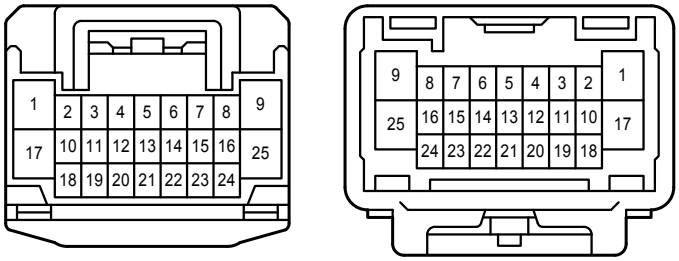
2M
White



2S
White



AE3
White



AE6
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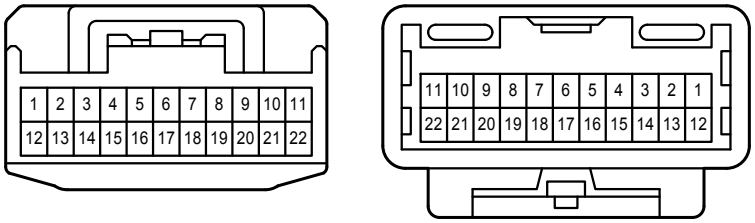
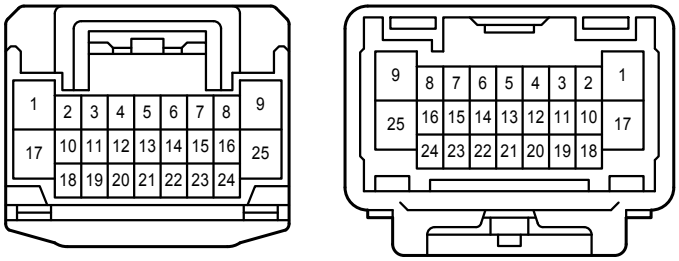
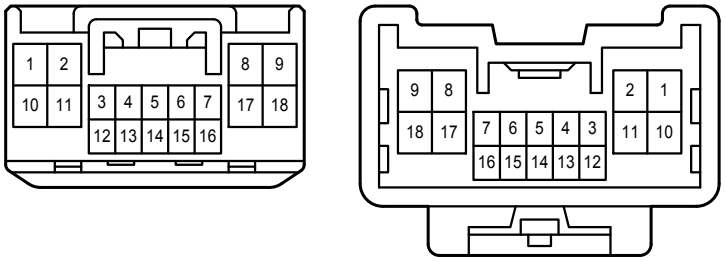


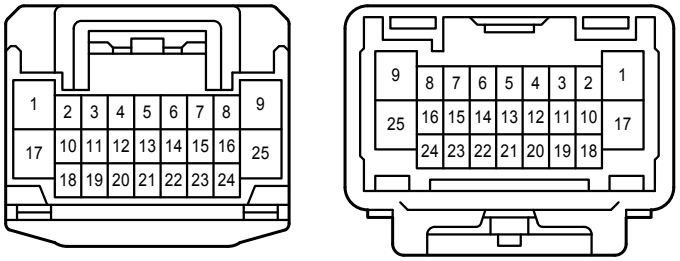
AE10
Gray



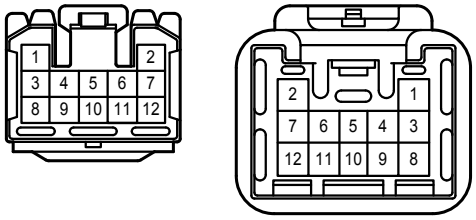
AE11
White



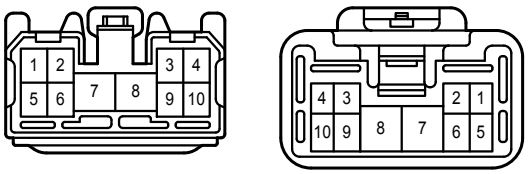
AL1
White



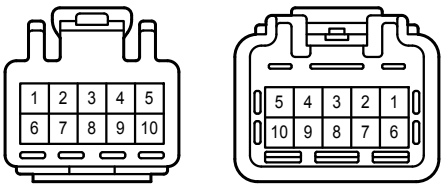
BA1
White



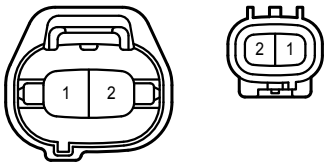
BA2
White

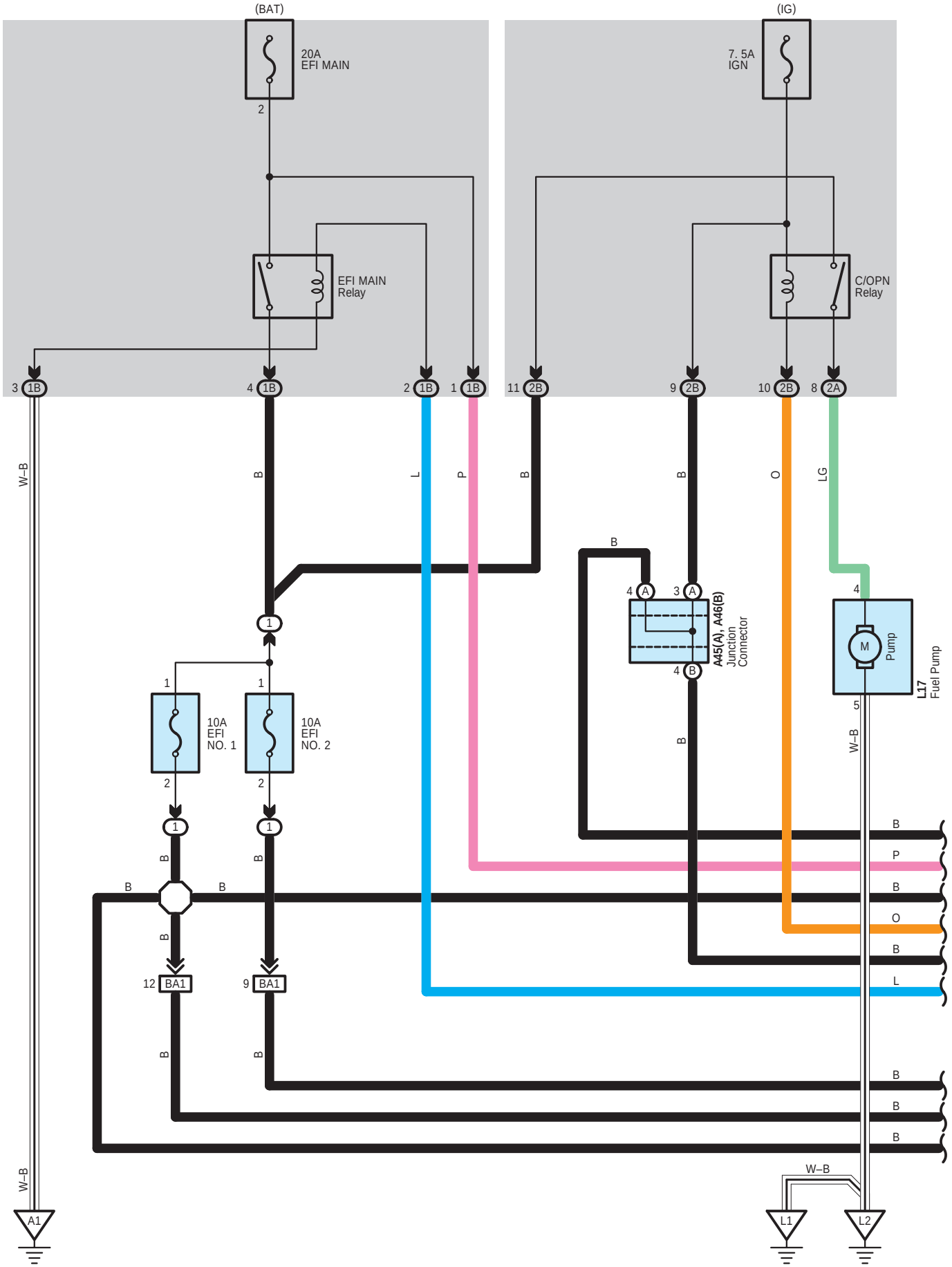


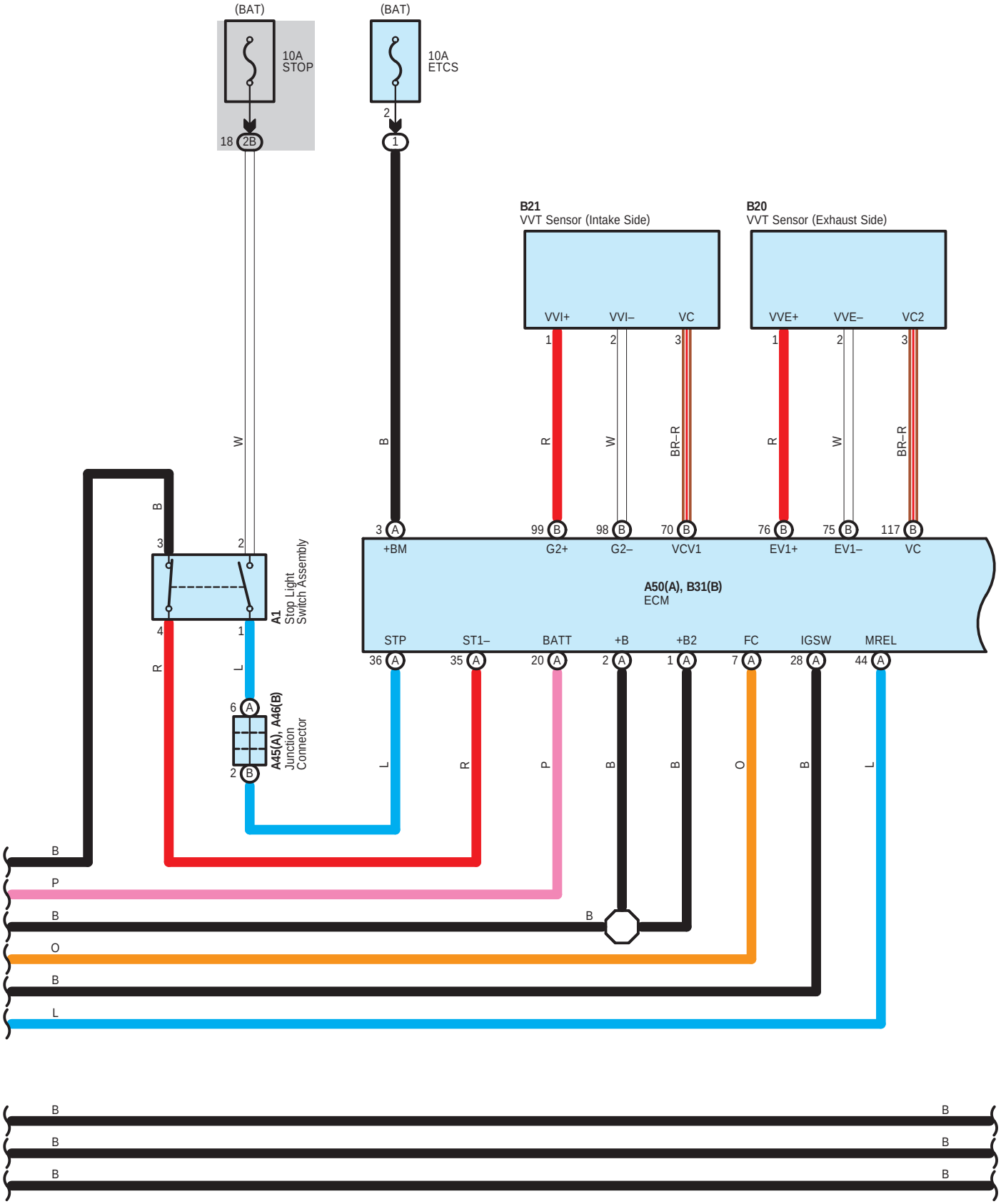
BA4
Gray

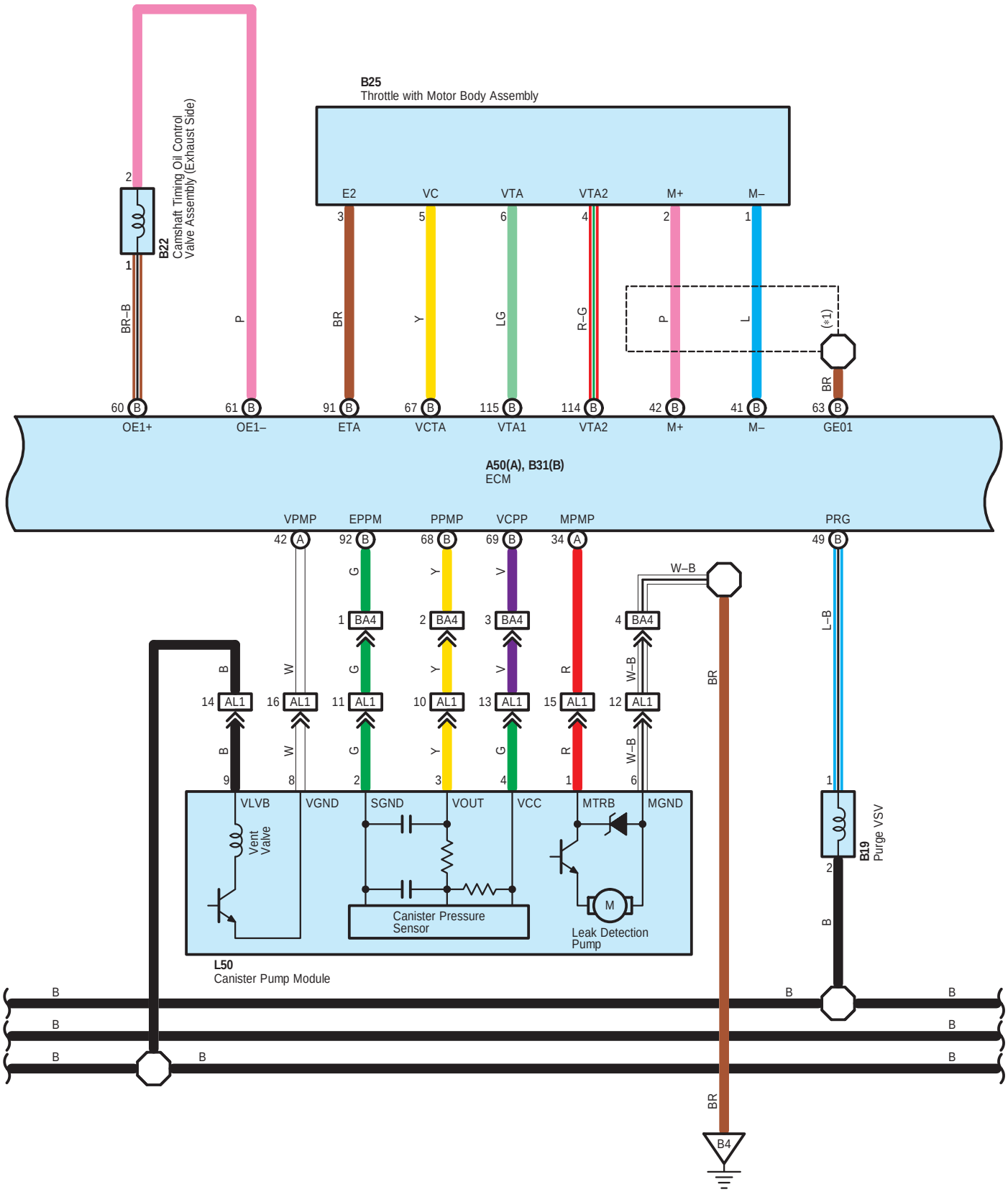


BC1
Gray

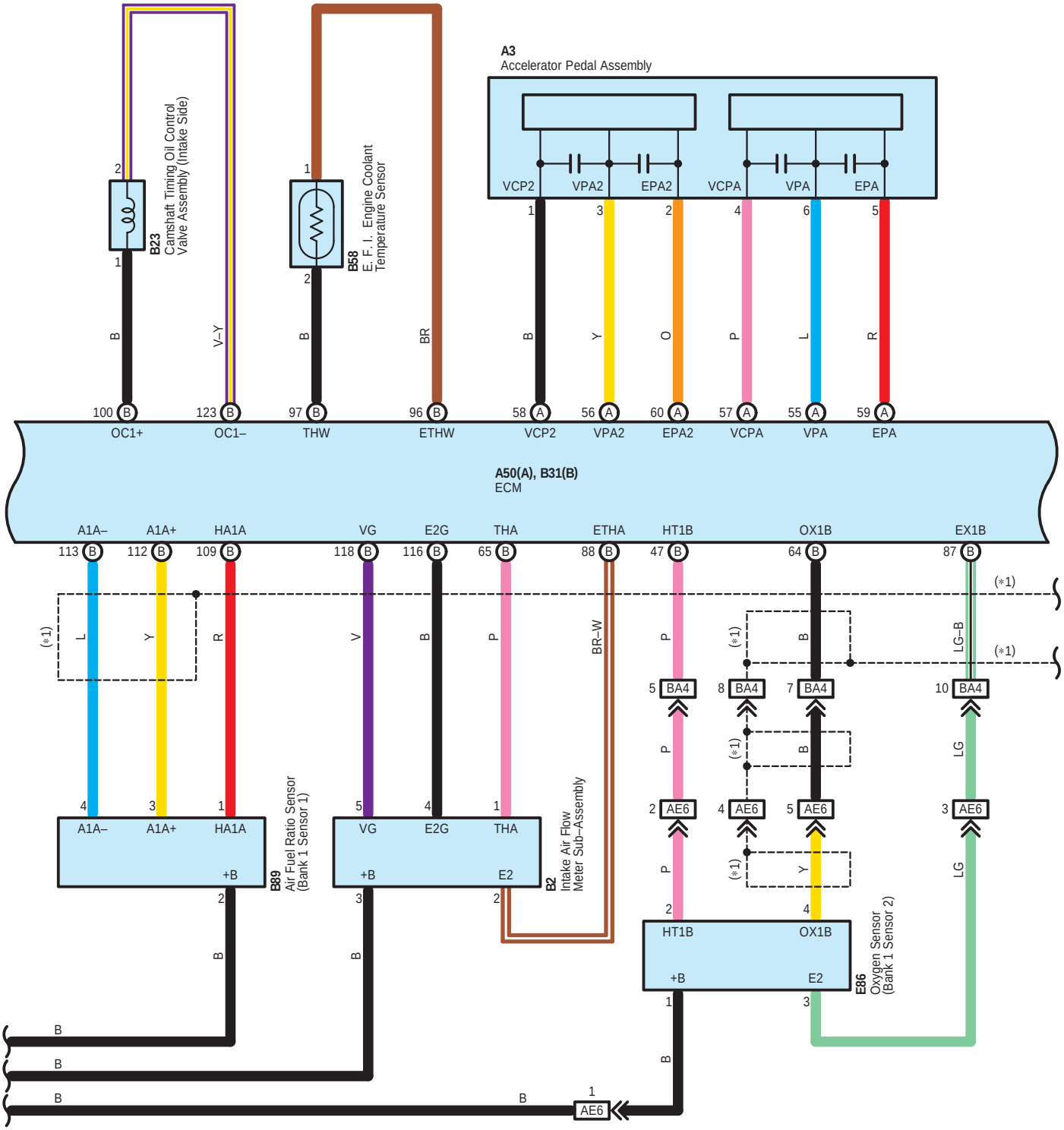


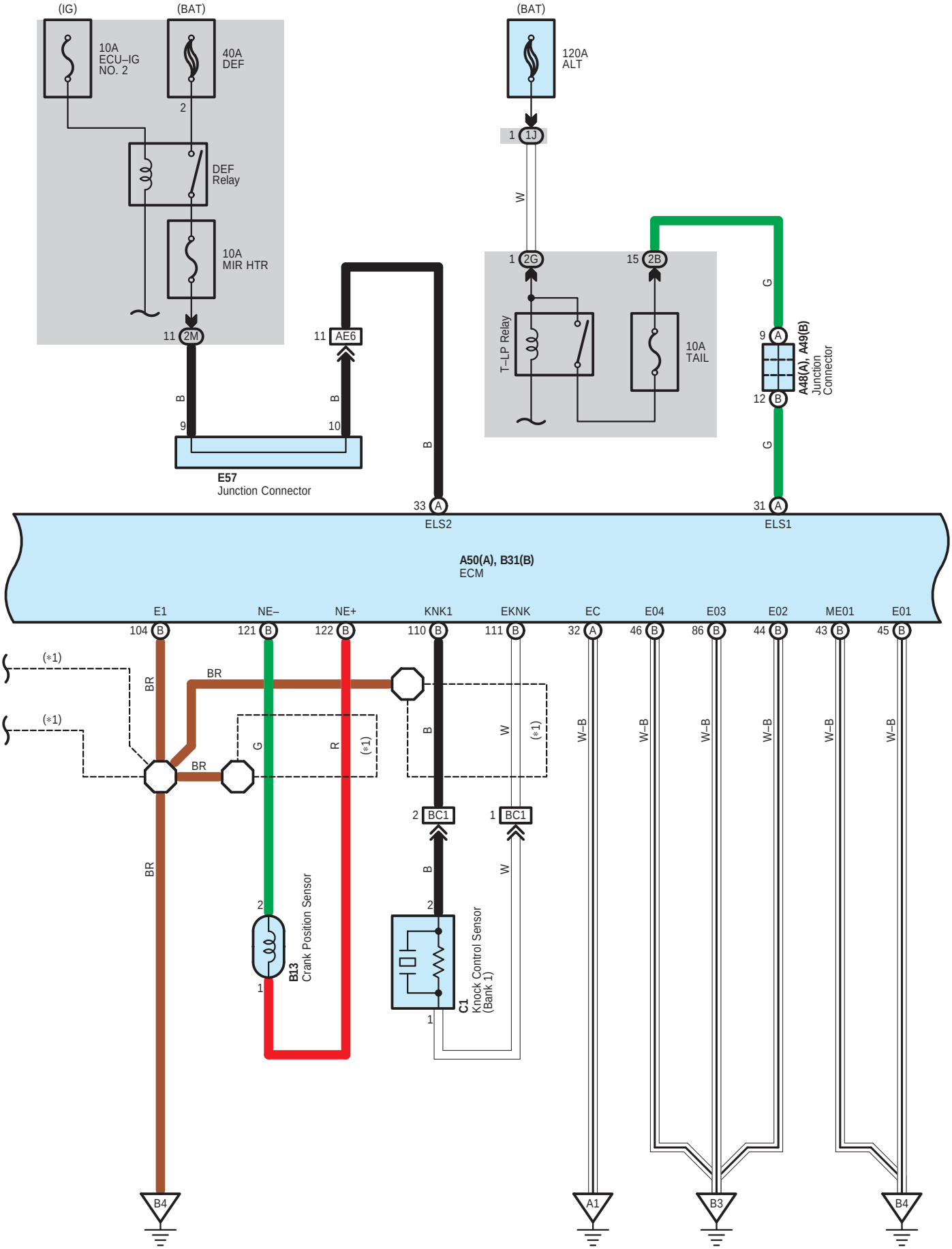

(BAT)
(IG)
20A
EFI MAIN
7. 5A
IGN
EFI MAIN
Relay
C/OPN
Relay
3 1B
4 1B
2 1B
1 1B
11 2B
9 2B
10 2B
8 2A
W–B
B
L
P
O
LG
A45(A), A46(B)
Junction
Connector
Pump
L17
Fuel Pump
10A
EFI
NO. 1
10A
EFI
NO. 2
12 BA1
9 BA1
A1
L1
L2


(BAT)
10A
STOP
18 2B
(BAT)
10A
ETCS
2
1
B21
VVT Sensor (Intake Side)
VVI+
VVI–
VC
1
2
3
B20
VVT Sensor (Exhaust Side)
VVE+
VVE–
VC2
1
2
3
W
B
R
W
BR–R
R
W
BR–R
B
3
2
A1
Stop Light
Switch Assembly
4
1
R
L
3 A
+BM
99 B
G2+
98 B
G2–
70 B
VCV1
76 B
EV1+
75 B
EV1–
117 B
VC
A50(A), B31(B)
ECM
STP
ST1–
BATT
+B
+B2
FC
IGSW
MREL
36 A
35 A
20 A
2 A
1 A
7 A
28 A
44 A
6 A
2 B
A45(A), A46(B)
Junction
Connector
L
R
P
B
B
O
B
L
B
P
B
O
B
L
B
B
B
B
B
B

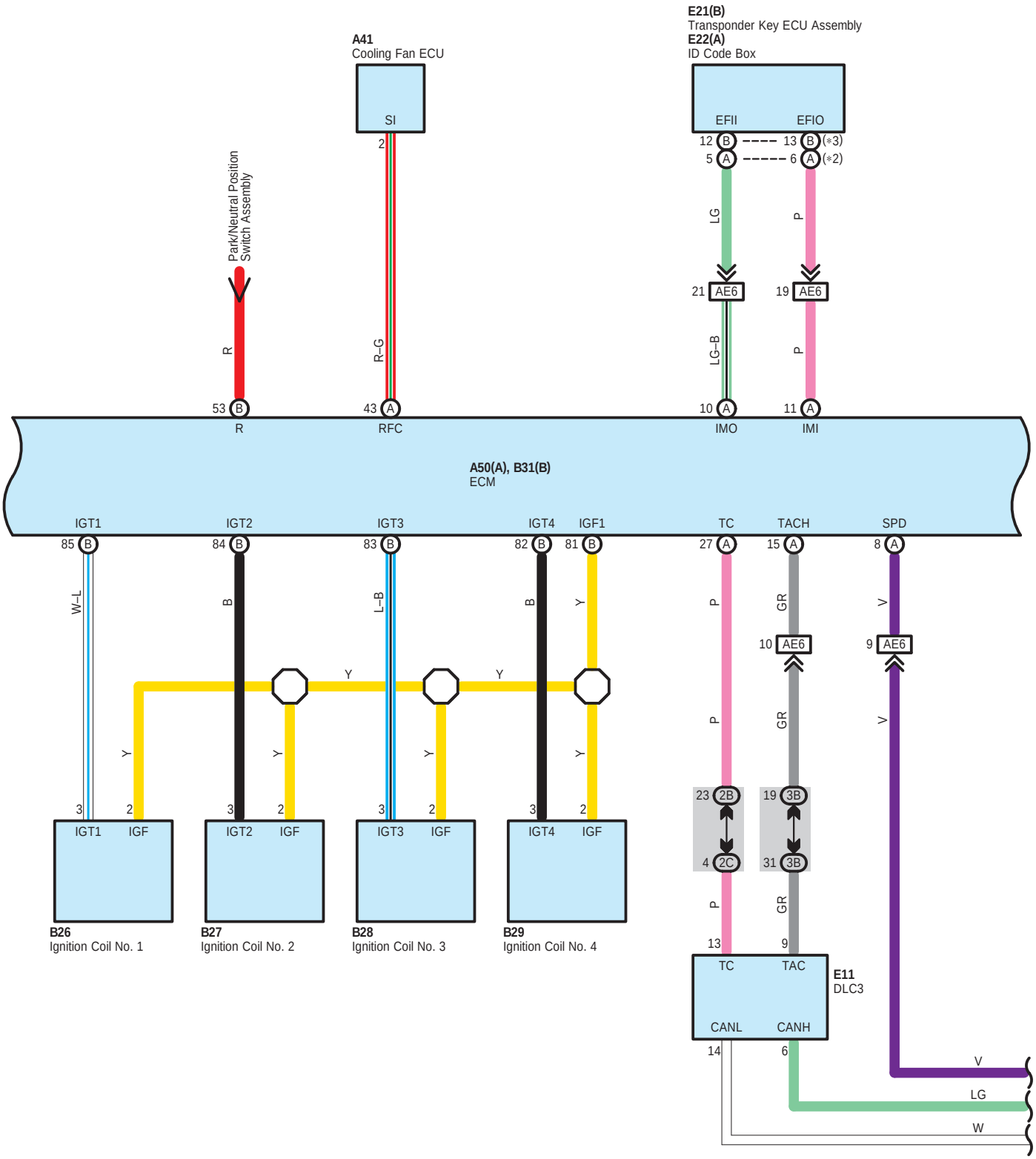

B25
Throttle with Motor Body Assembly
E2
VC
VTA
VTA2
M+
M–
B22
Camshaft Timing Oil Control Valve Assembly (Exhaust Side)
BR–B
P
BR
Y
LG
R–G
P
L
(*1)
OE1+
OE1–
ETA
VCTA
VTA1
VTA2
M+
M–
GE01
A50(A), B31(B)
ECM
VPMP
EPPM
PPMP
VCPP
MPMP
PRG
W–B
L–B
B19
Purge VSV
L50
Canister Pump Module
VLVB
VGND
SGND
VOUT
VCC
MTRB
MGND
Vent Valve
Canister Pressure Sensor
Leak Detection Pump
M
B4

∗ 1 : Shielded

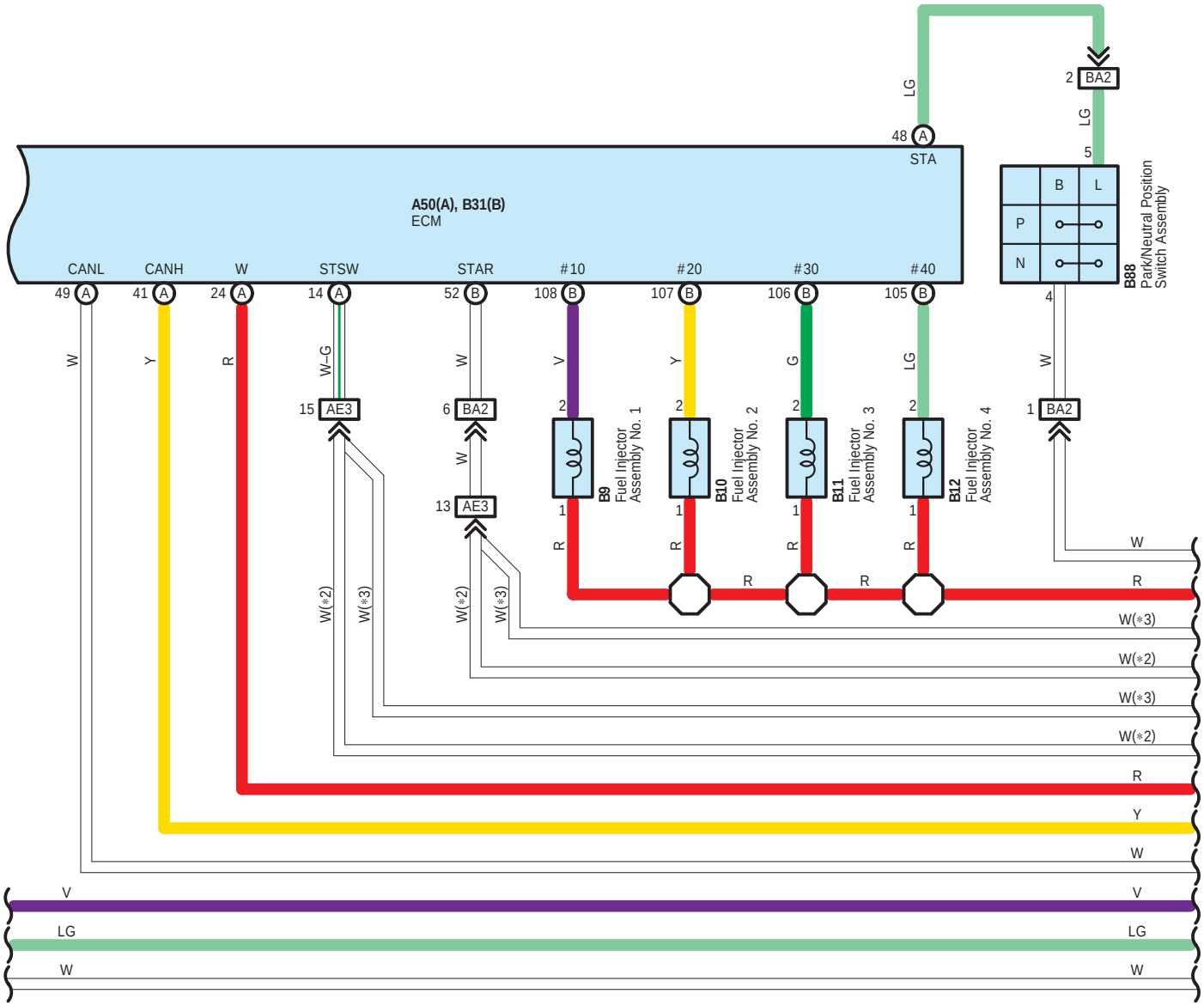

A3
Accelerator Pedal Assembly
VCP2
VPA2
EPA2
VCPA
VPA
EPA
B23
Camshaft Timing Oil Control Valve Assembly (Intake Side)
B58
E. F. I. Engine Coolant Temperature Sensor
OC1+
OC1–
THW
ETHW
A50(A), B31(B)
ECM
A1A–
A1A+
HA1A
VG
E2G
THA
ETHA
HT1B
OX1B
EX1B
B89
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
B2
Intake Air Flow Meter Sub–Assembly
E86
Oxygen Sensor (Bank 1 Sensor 2)
BA4
AE6
(∗1)

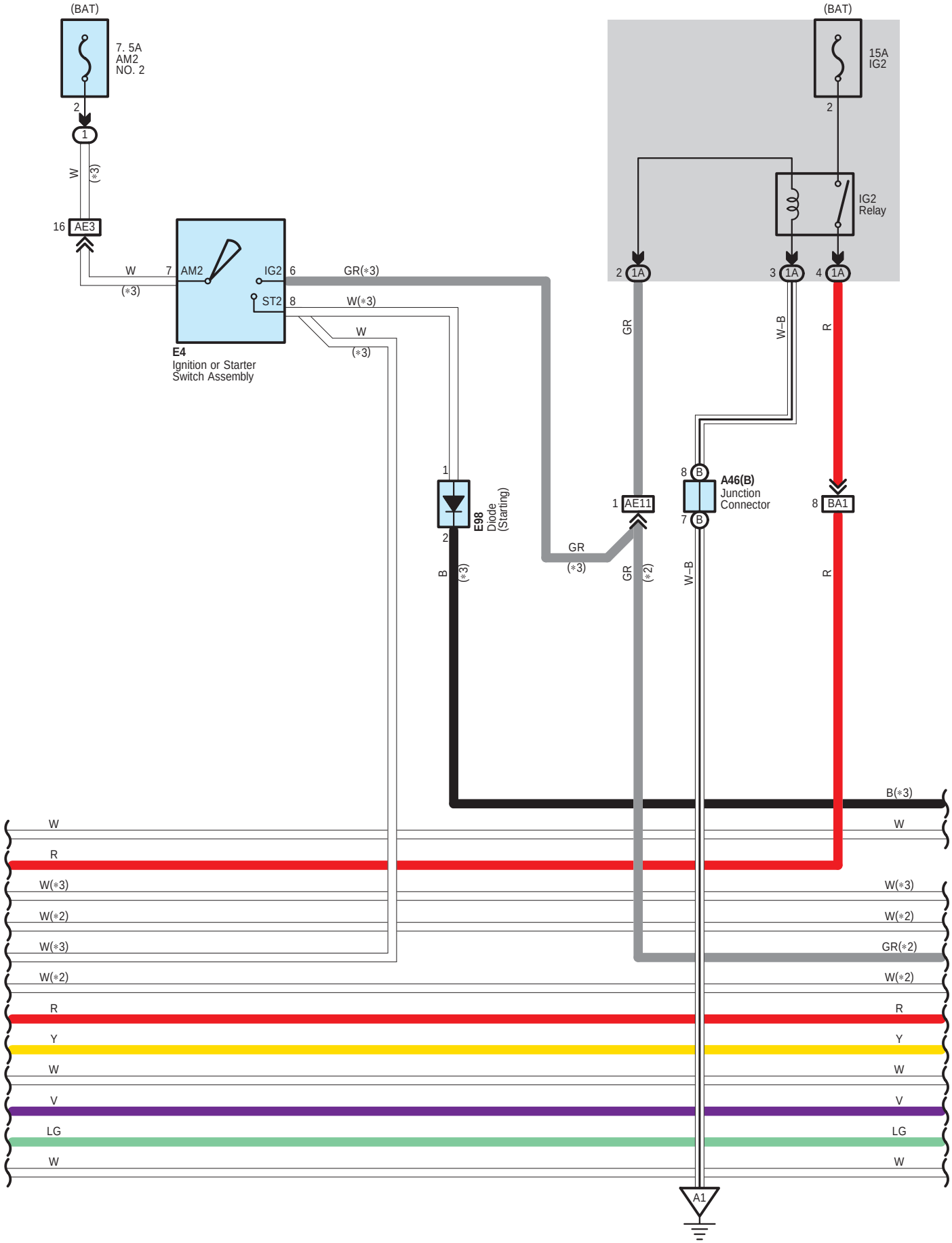

(IG)
(BAT)
10A
ECU–IG
NO. 2
40A
DEF
2
DEF
Relay
10A
MIR HTR
11 2M
11 AE6
B
9
10
E57
Junction Connector
33 A
ELS2
(BAT)
120A
ALT
1 1J
W
1 2G
15 2B
T–LP Relay
10A
TAIL
G
9 A
12 B
A48(A), A49(B)
Junction
Connector
31 A
ELS1
A50(A), B31(B)
ECM
E1
NE–
NE+
KNK1
EKNK
EC
E04
E03
E02
ME01
E01
104 B
121 B
122 B
110 B
111 B
32 A
46 B
86 B
44 B
43 B
45 B
(*1)
BR
G
R
W–B
2 BC1
1 BC1
2
1
B13
Crank Position Sensor
C1
Knock Control Sensor
(Bank 1)
B4
A1
B3
B4

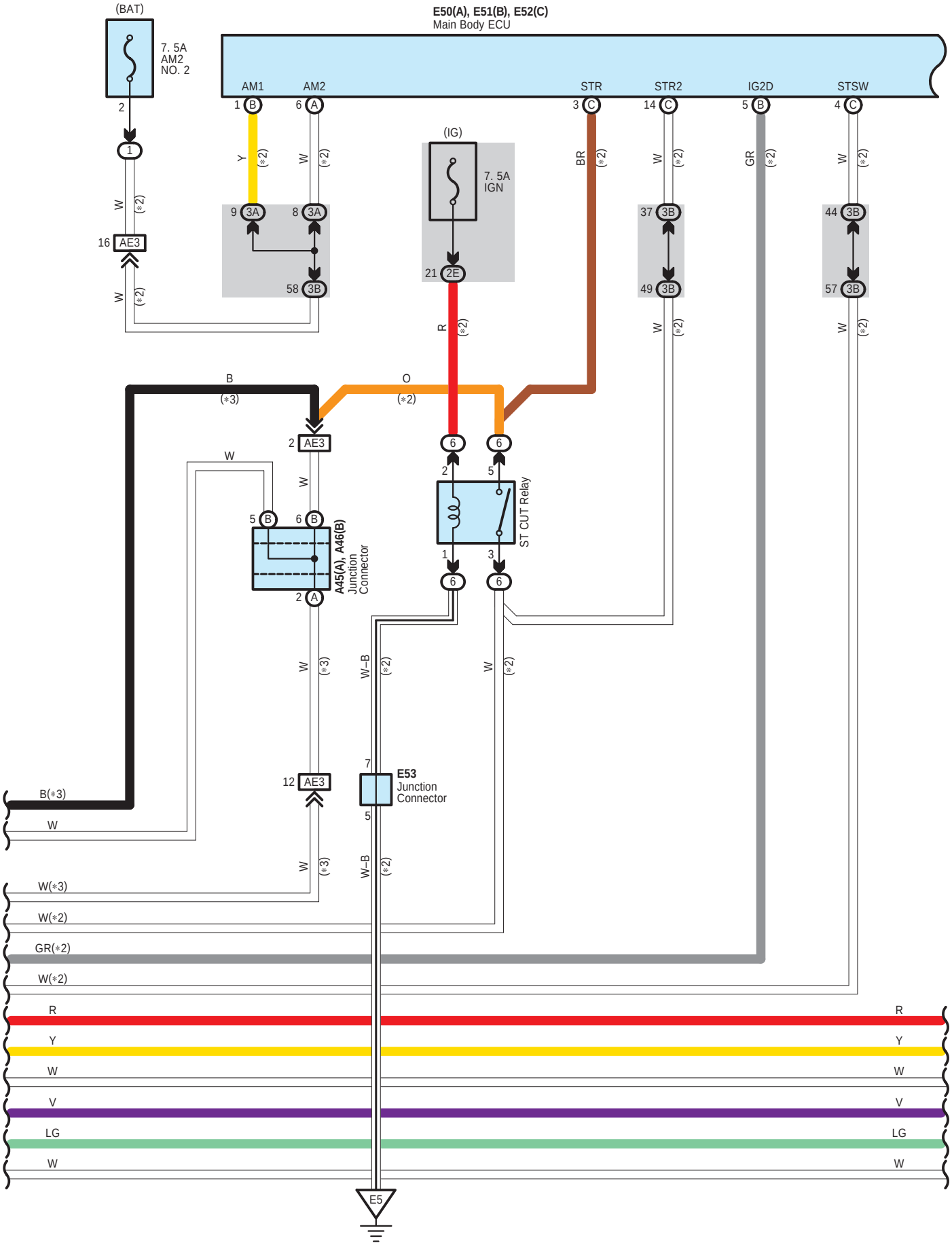
＊1 : Shielded
＊2 : w/ Smart Key System
＊3 : w/o Smart Key System

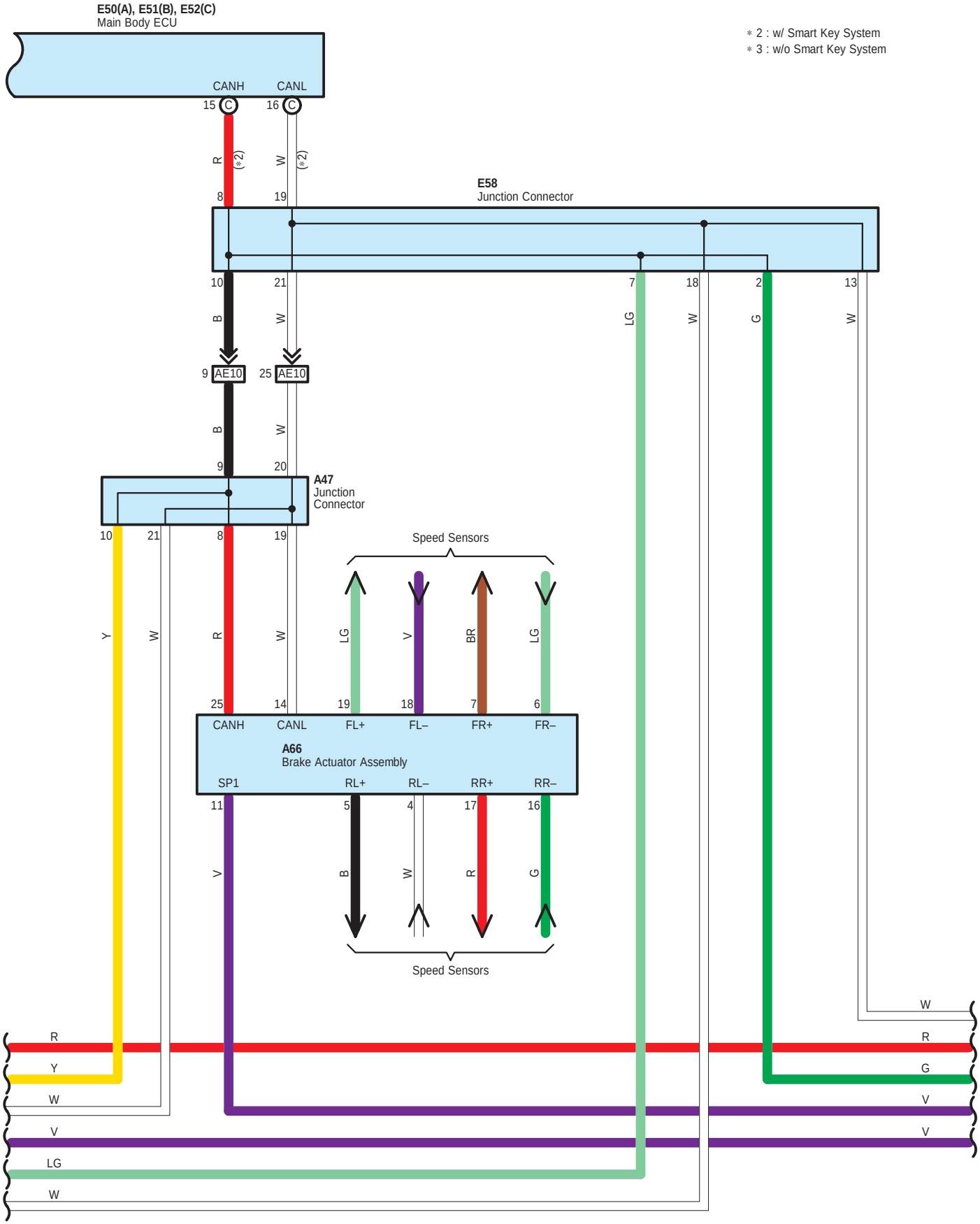


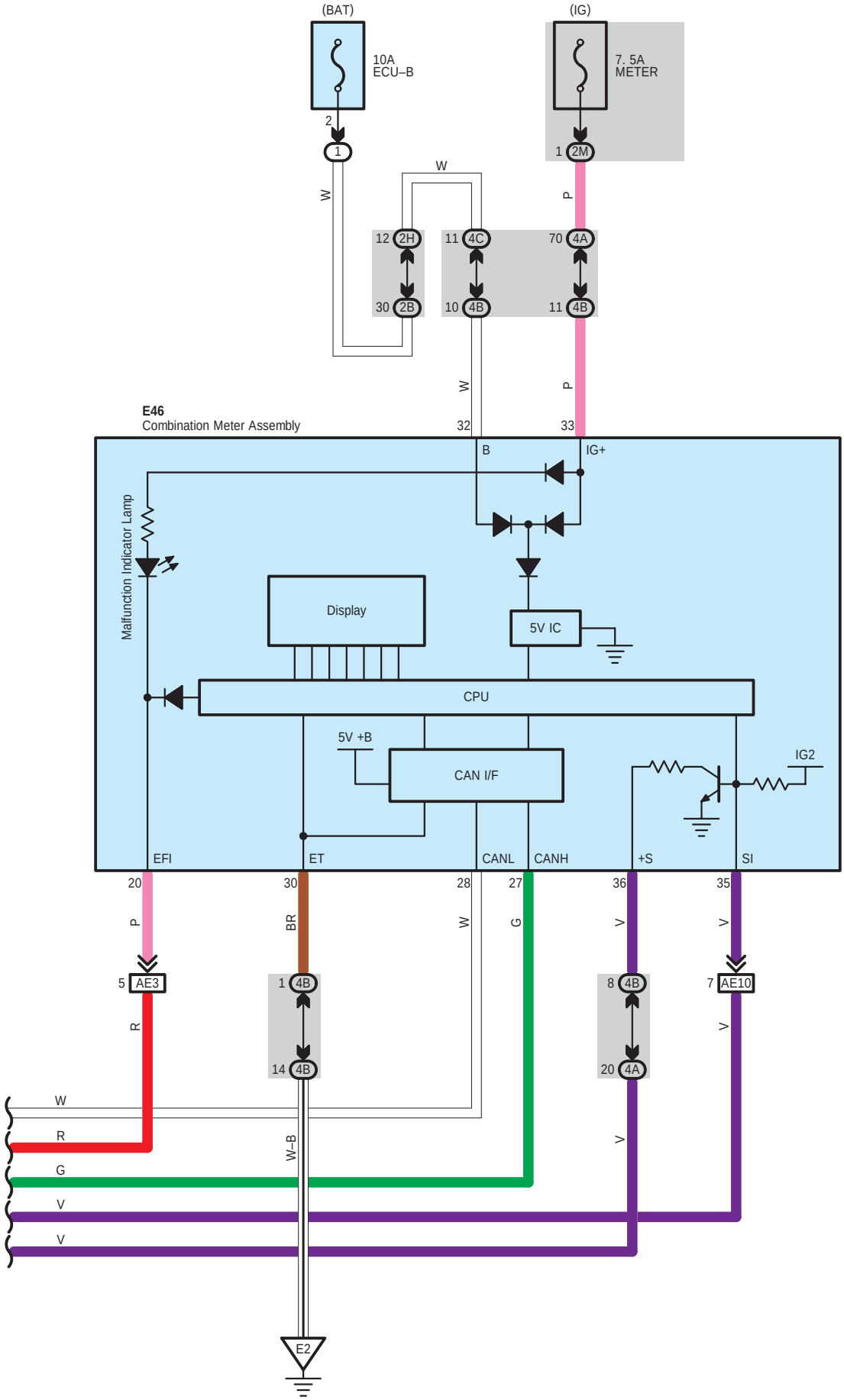
∗ 2 : w/ Smart Key System
∗ 3 : w/o Smart Key System



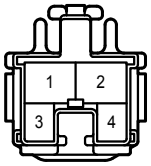

(BAT)
7. 5A
AM2
NO. 2
2
1
W
(*3)
16
AE3
W
(*3)
7
AM2
IG2
6
GR(*3)
ST2
8
W(*3)
W
(*3)
E4
Ignition or Starter
Switch Assembly
(BAT)
15A
IG2
2
IG2
Relay
2
1A
3
1A
4
1A
GR
W–B
R
1
E98
Diode
(Starting)
2
B
(*3)
GR
(*3)
1
AE11
GR
(*2)
8
B
A46(B)
Junction
Connector
7
B
W–B
8
BA1
R
B(*3)
W
R
W(*3)
W(*2)
W(*3)
W(*2)
R
Y
W
V
LG
W
W
W(*3)
W(*2)
GR(*2)
W(*2)
R
Y
W
V
LG
W
A1


(BAT)
7. 5A
AM2
NO. 2
E50(A), E51(B), E52(C)
Main Body ECU
AM1
AM2
STR
STR2
IG2D
STSW
(IG)
7. 5A
IGN
ST CUT Relay
A45(A), A46(B)
Junction
Connector
E53
Junction
Connector
B(∗3)
W
W(∗3)
W(∗2)
GR(∗2)
W(∗2)
R
Y
W
V
LG
W
E5

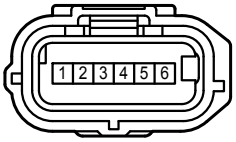

E50(A), E51(B), E52(C)
Main Body ECU
CANH
CANL
15
16
C
R
W
(*2)
8
19
E58
Junction Connector
10
21
7
18
2
13
B
W
LG
W
G
W
9
AE10
25
AE10
A47
Junction
Connector
20
Speed Sensors
Y
W
R
W
LG
V
BR
LG
25
14
19
18
7
6
CANH
CANL
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11
5
4
17
16
V
B
W
R
G
Speed Sensors
R
Y
W
V
LG
W
W
R
G
V
V
* 2 : w/ Smart Key System
* 3 : w/o Smart Key System


(BAT)
10A
ECU–B
2
1
W
W
12 2H
30 2B
(IG)
7. 5A
METER
1 2M
P
11 4C
10 4B
70 4A
11 4B
W
P
E46
Combination Meter Assembly
32
33
B
IG+
Malfunction Indicator Lamp
Display
5V IC
CPU
5V +B
CAN I/F
IG2
EFI
ET
CANL
CANH
+S
SI
20
30
28
27
36
35
P
BR
W
G
V
V
5 AE3
1 4B
14 4B
8 4B
20 4A
7 AE10
R
V
W
R
G
V
V
W–B
E2

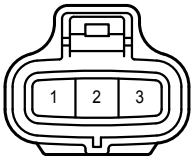
A 1
Black



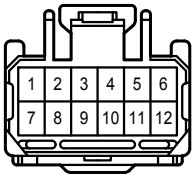
A 3
Black



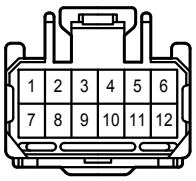
A 41
Black



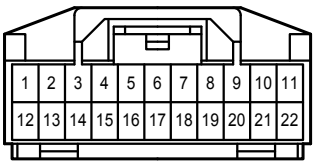
A 45
White



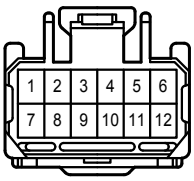
A 46
White



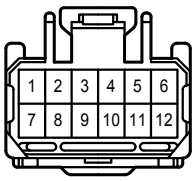
A 47
White



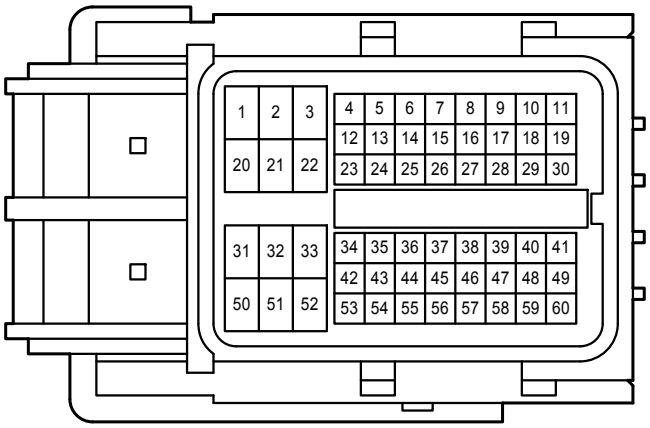
A 48
White



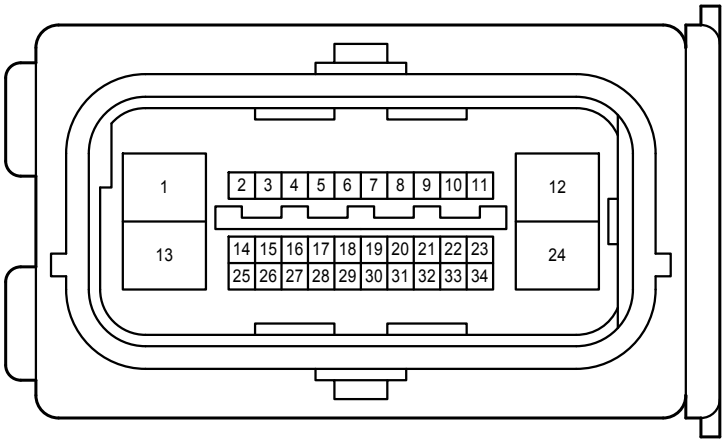
A 49
White



A 50
Black

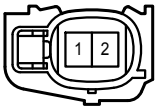


A 66
Black

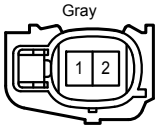


B 2
Black

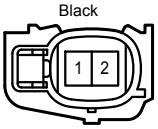
B 9
Black



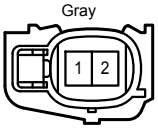
B 10
Gray



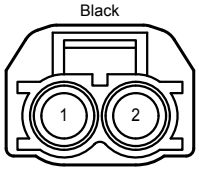
B 11
Black



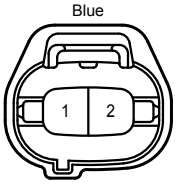
B 12
Gray



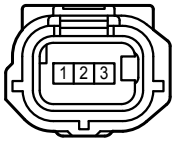
B 13
Black



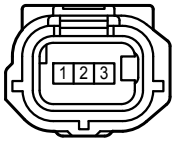
B 19
Blue



B 20
Black



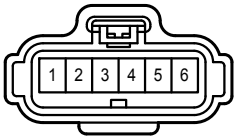
B 21
Gray



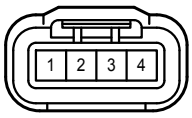
B 22
Black

B 23
Gray

B 25
Black

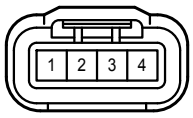


B 26
Black



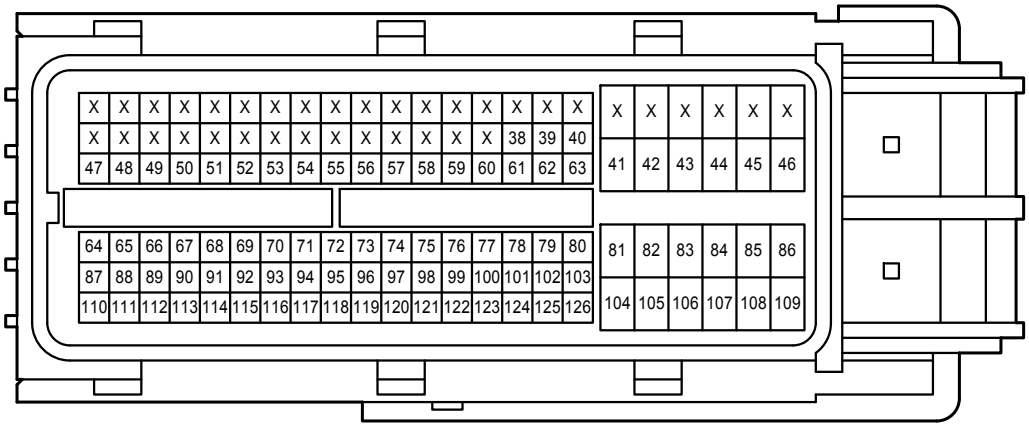
B 27
Gray

B 28
Black



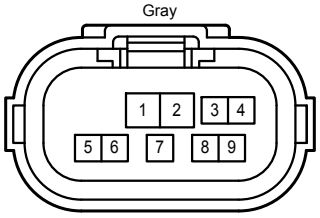
B 29
Gray

B 31
Black



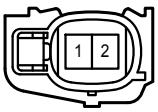
B 58
Gray

B 88
Gray

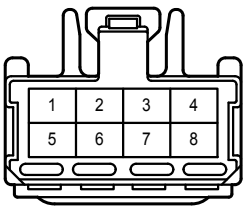


B 89
Gray

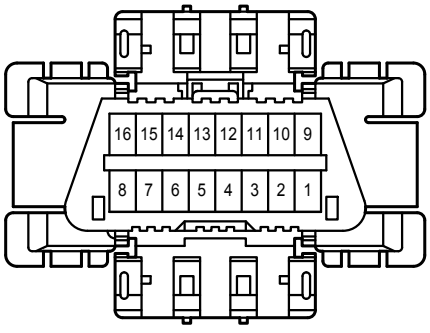
C 1
Black



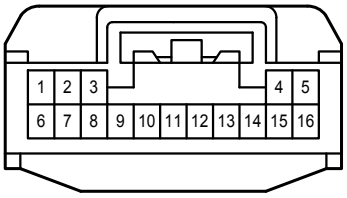
E 4
White



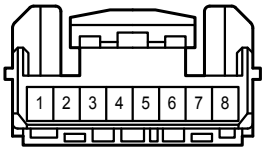
E 11
White



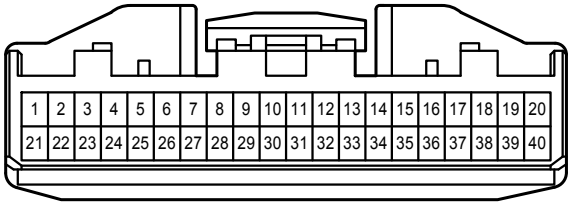
E 21
White



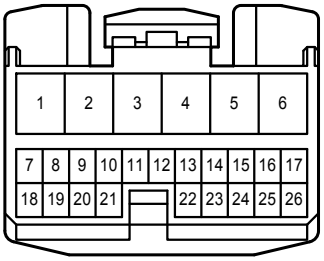
E 22
White



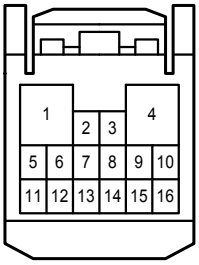
E 46
White



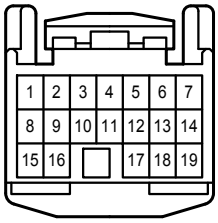
E 50
White



E 51
White

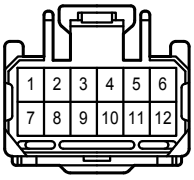


E 52
White

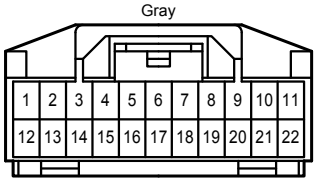


E 53
White

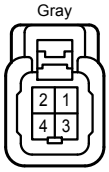
E 57
White



E 58
Gray



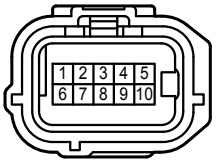
E 86
Gray



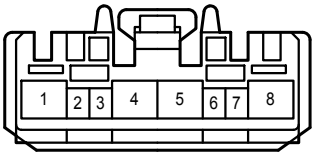
E 98
Black

L 17
White

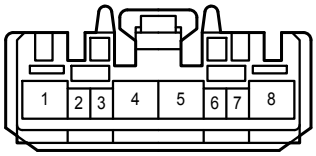
L 50
Black



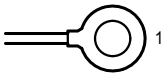
1A
White



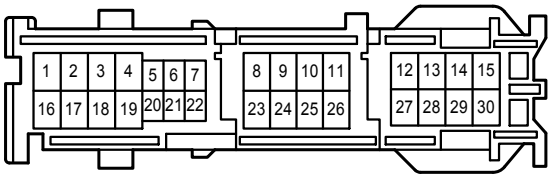
1B
White



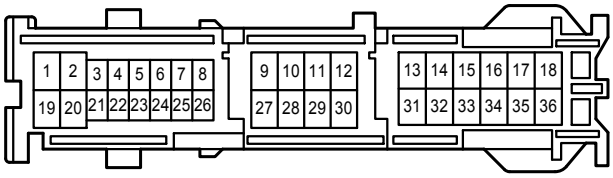
1J



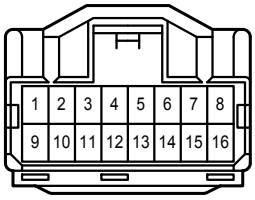
2A
White



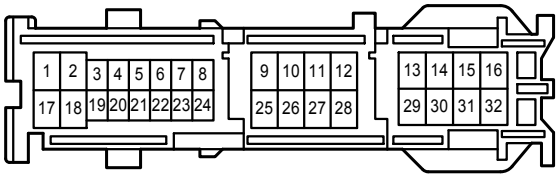
2B
White



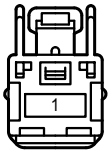
2C
White



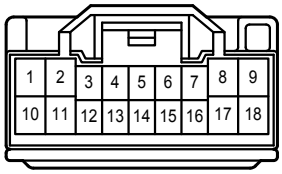
2E
White



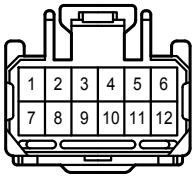
2G
White



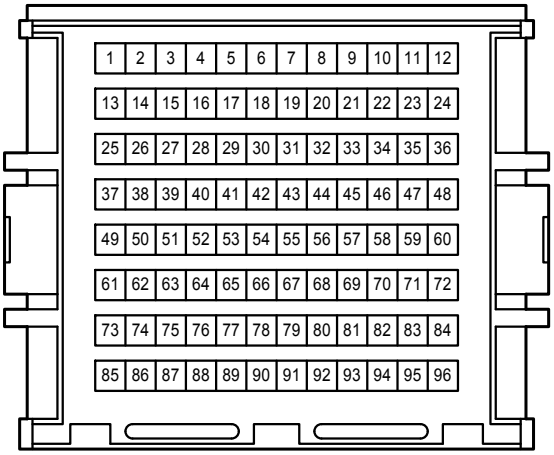
2H
White



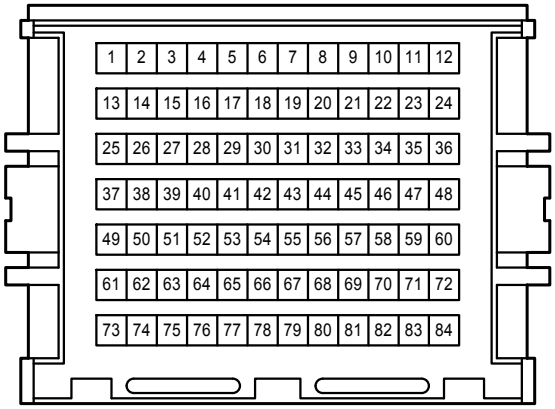
2M
White



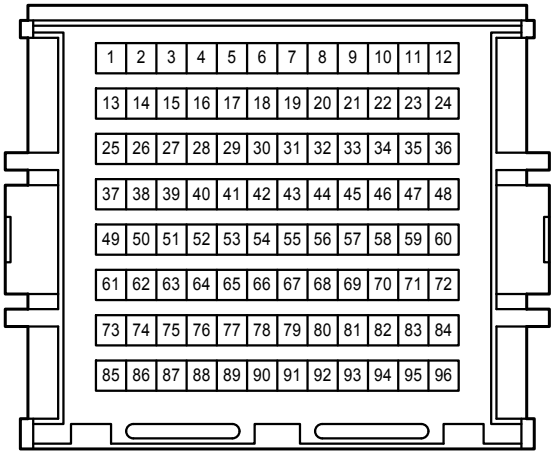
3A
White



3B
White



4A
White



4B
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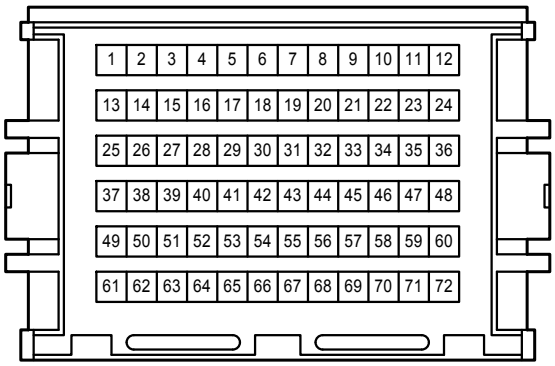

4C
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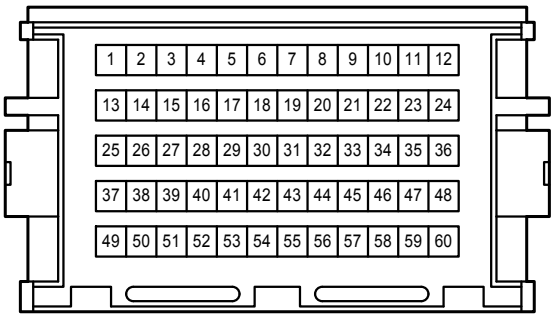

AE3
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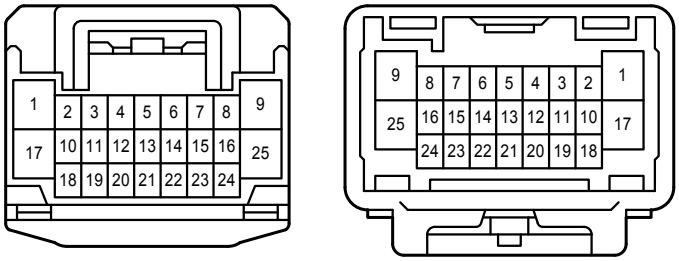
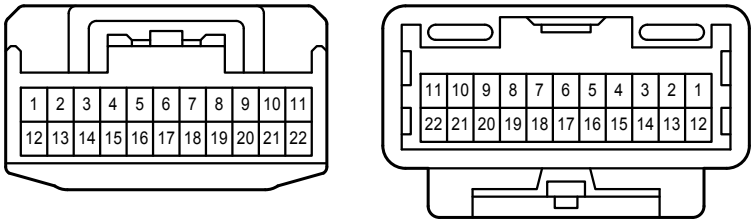
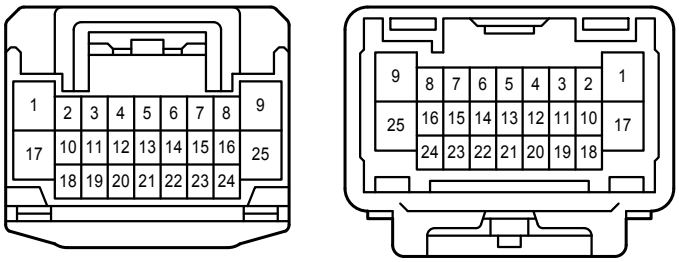


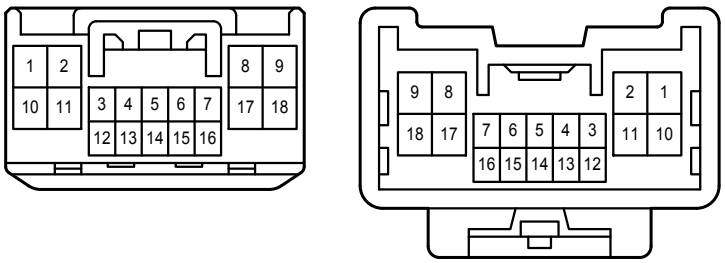
AE6
Gray



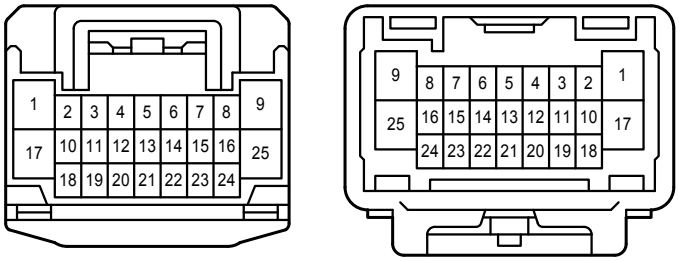
AE10
Gray



AE11
White



AL1
White



BA1
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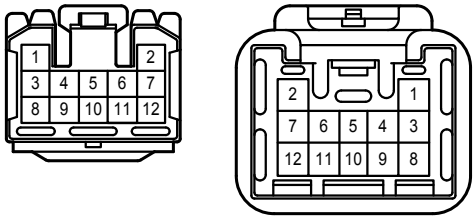
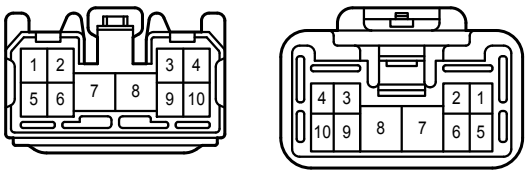
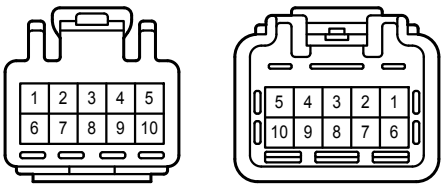


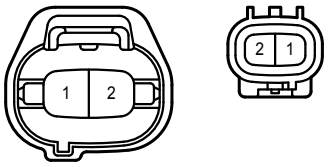
BA2
White

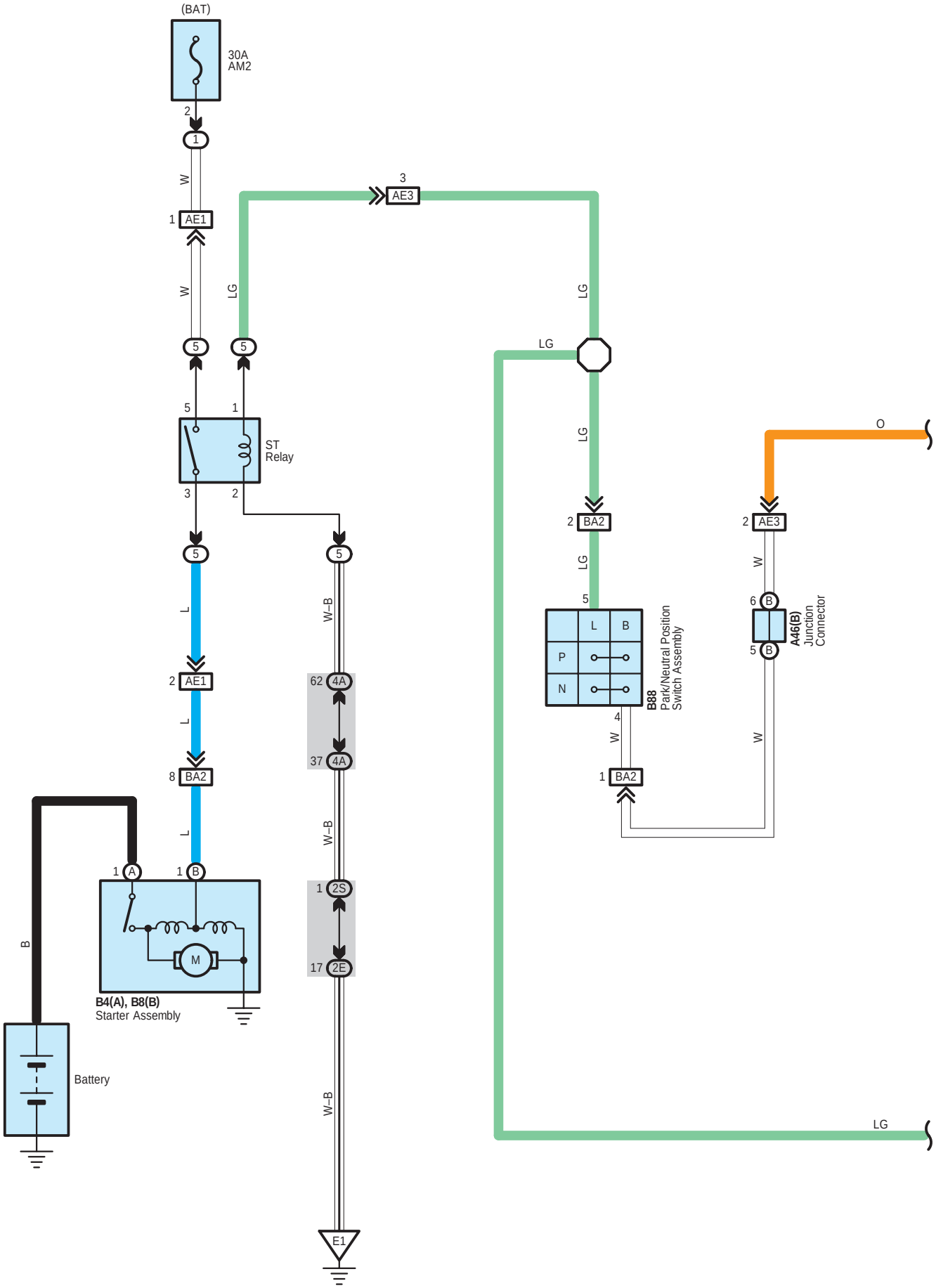


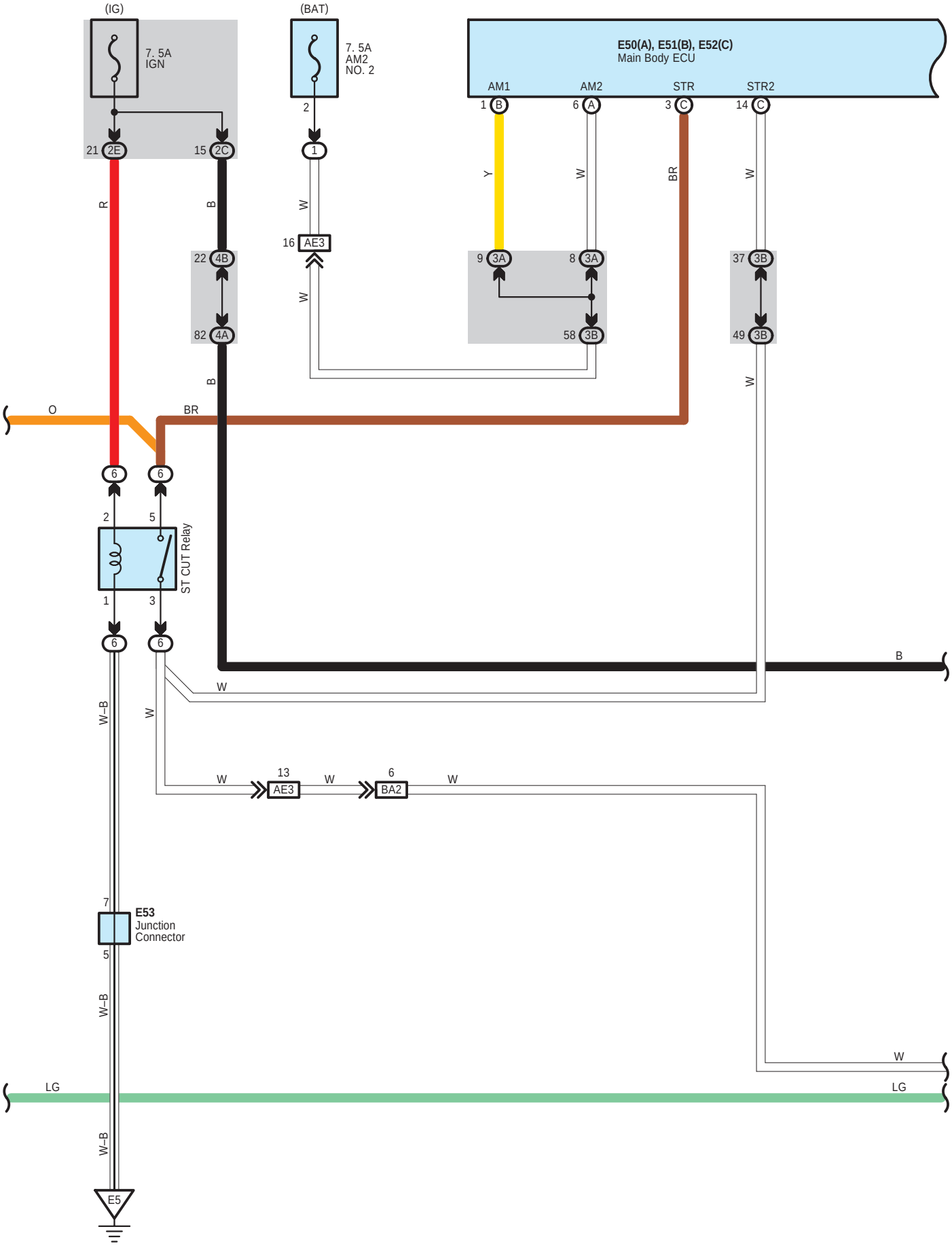
BA4
Gray

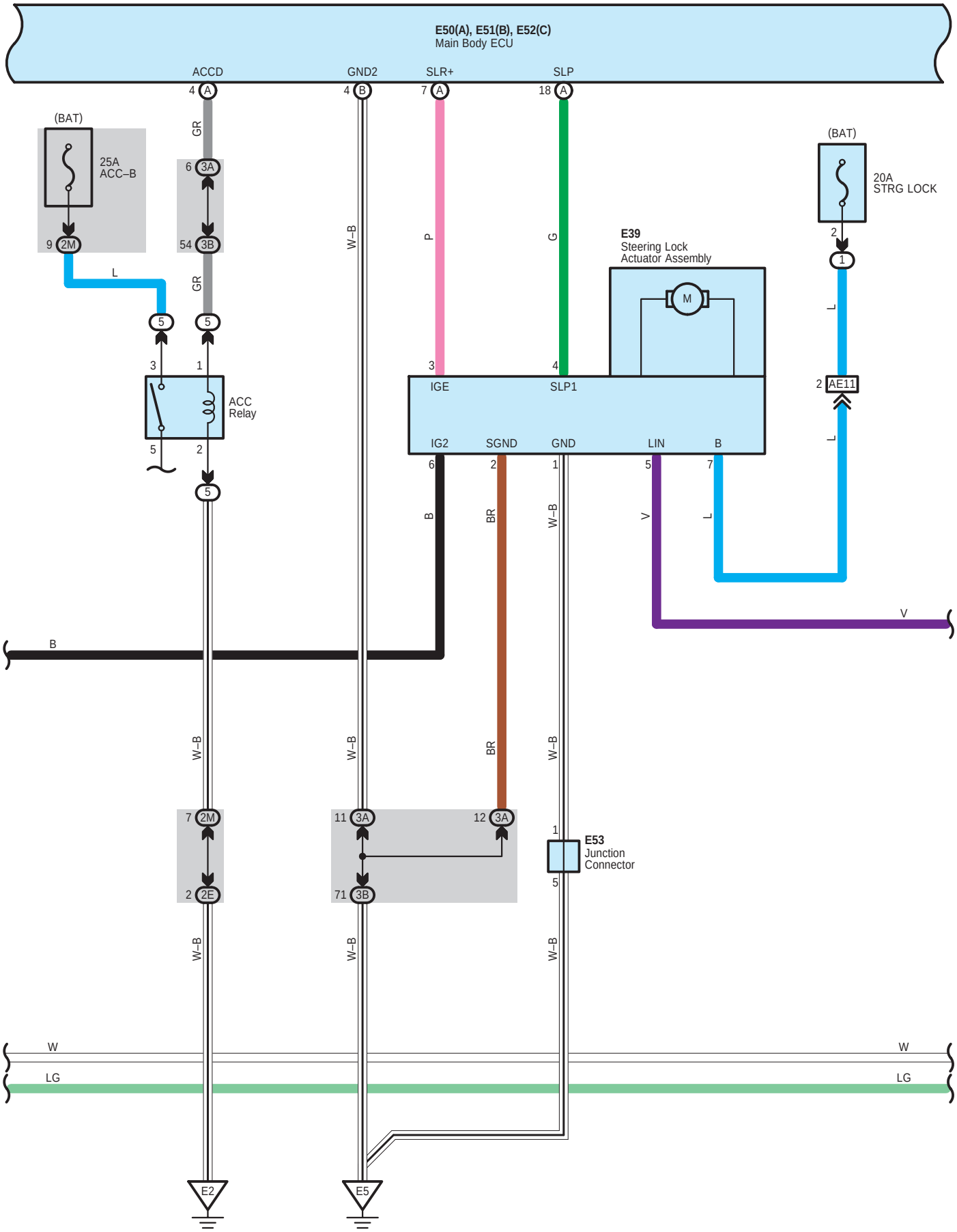


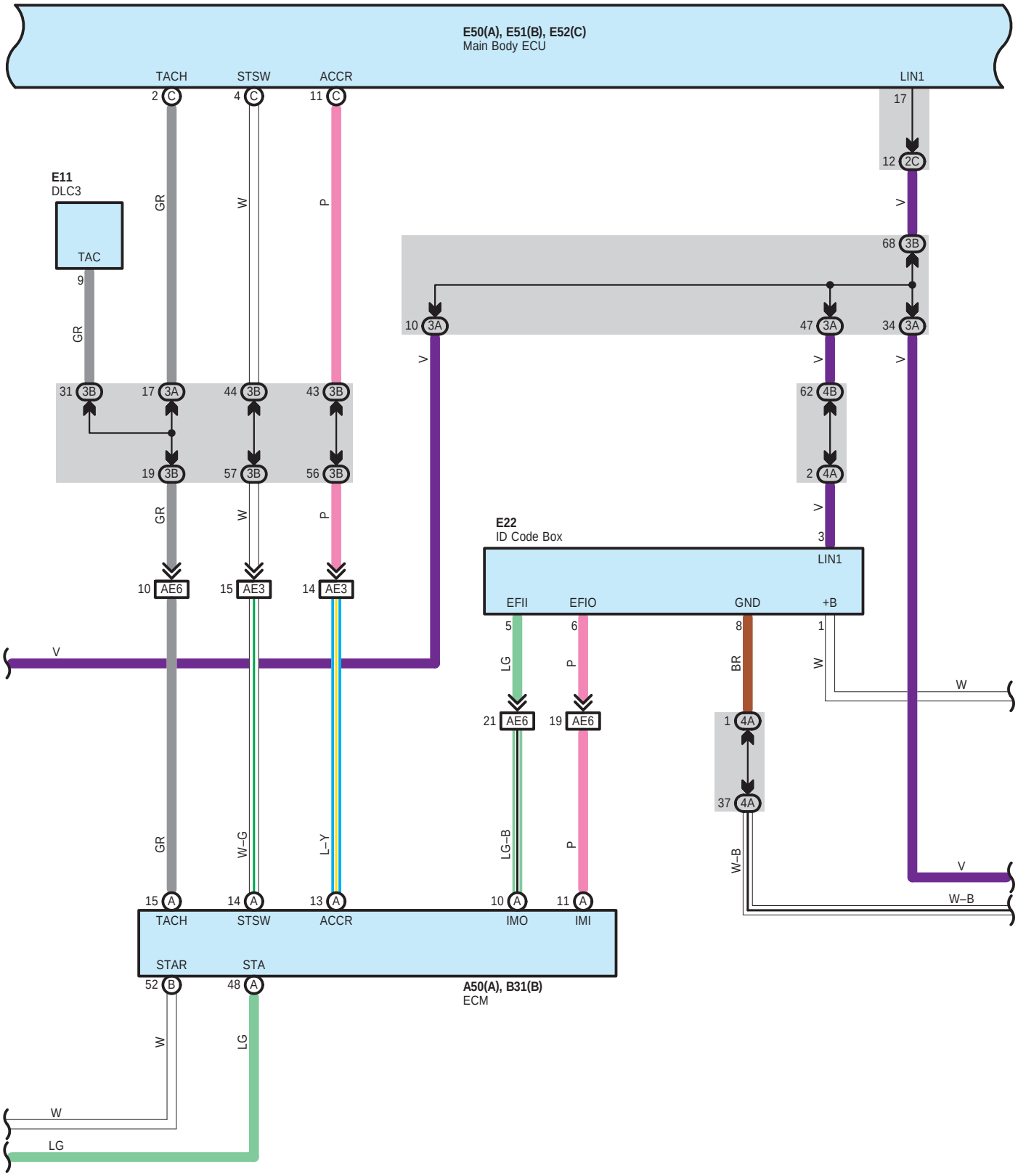
BC1
Gray

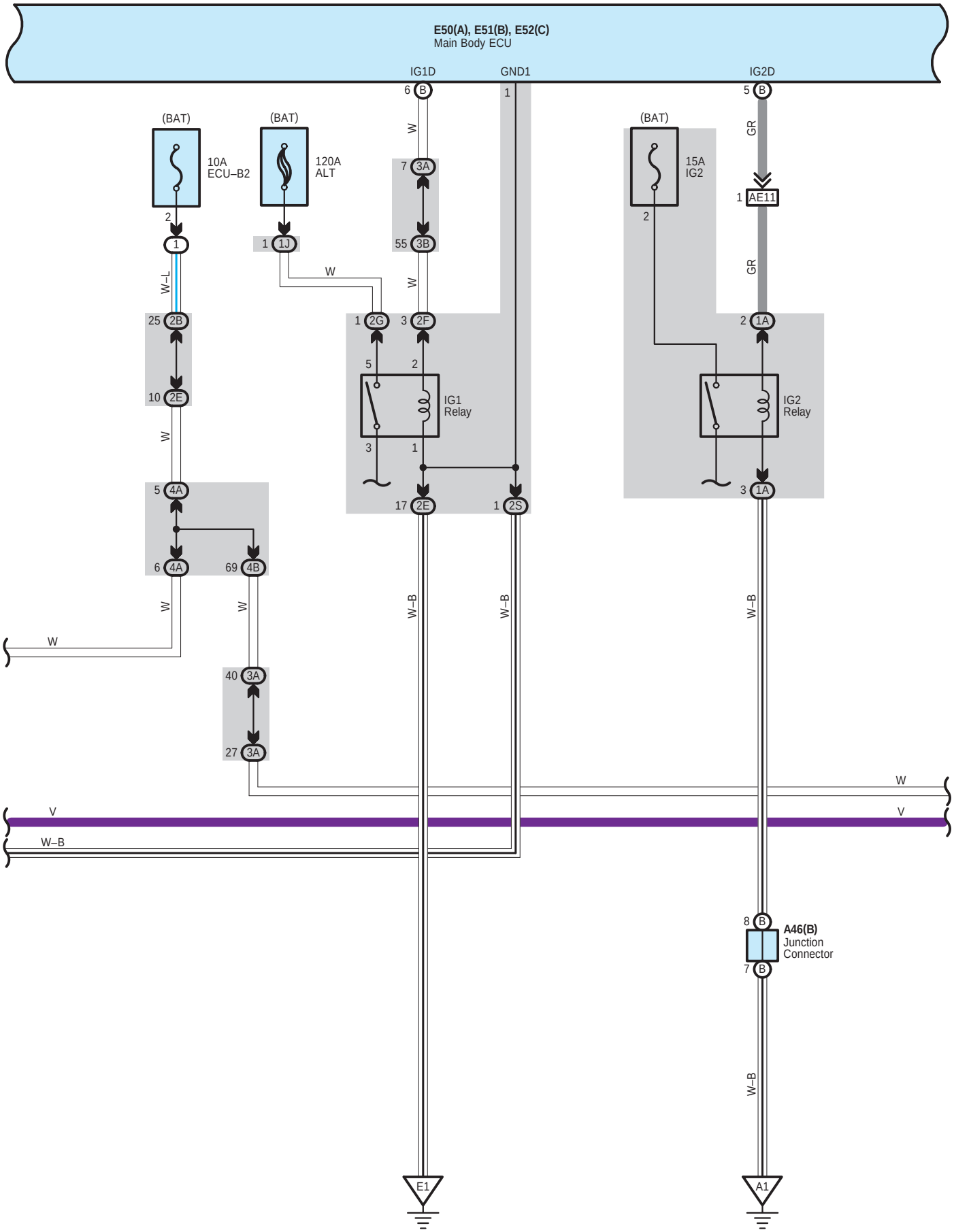


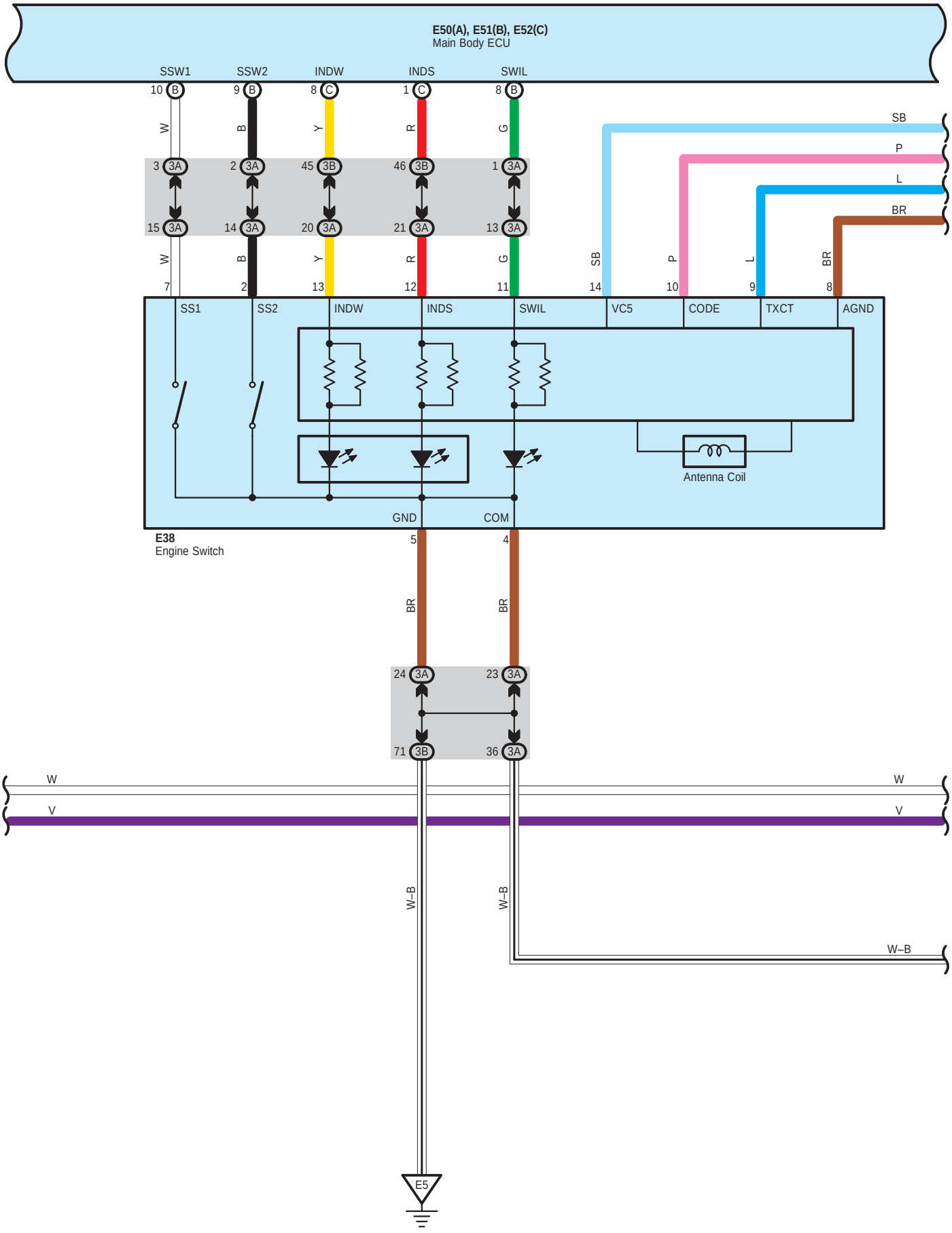

(BAT)
30A
AM2
2
1
W
1
AE1
W
5
5
LG
3
AE3
LG
LG
LG
5
1
ST
Relay
3
2
5
5
L
2
AE1
L
8
BA2
L
1
A
1
B
M
B4(A), B8(B)
Starter Assembly
B
Battery
W–B
62
4A
37
4A
W–B
1
2S
17
2E
W–B
E1
2
BA2
LG
5
L
B
P
N
B88
Park/Neutral Position
Switch Assembly
4
W
1
BA2
O
2
AE3
W
6
B
5
B
A46(B)
Junction
Connector
W
LG

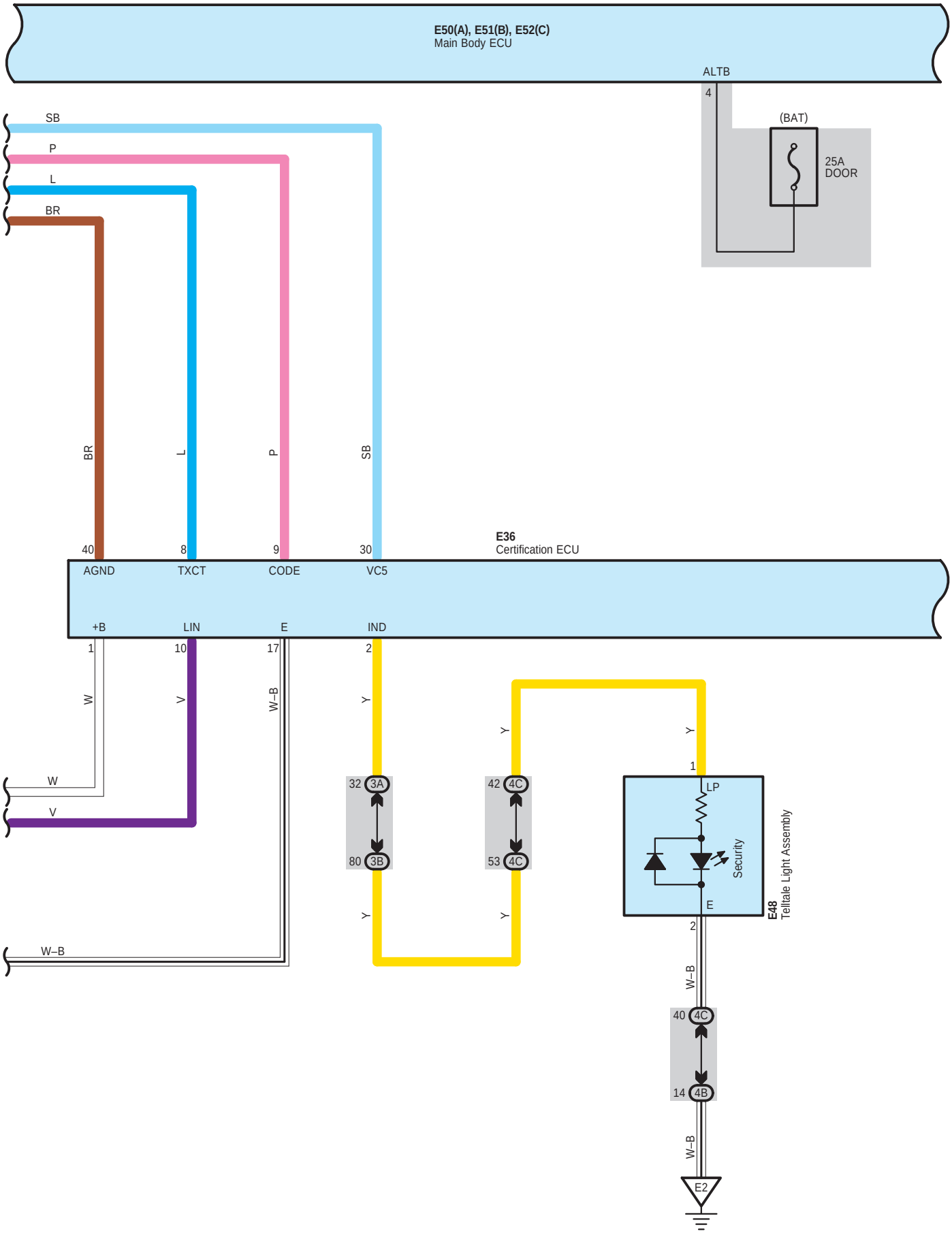

(IG)
7. 5A
IGN
(BAT)
7. 5A
AM2
NO. 2
E50(A), E51(B), E52(C)
Main Body ECU
AM1
AM2
STR
STR2
21 2E
15 2C
2
1
1 B
6 A
3 C
14 C
R
B
W
Y
W
BR
W
16 AE3
22 4B
82 4A
9 3A
8 3A
58 3B
37 3B
49 3B
B
O
BR
W
6
6
2
5
ST CUT Relay
1
3
6
6
B
W
W–B
W
W
13
AE3
W
6
BA2
W
7
E53
Junction
Connector
5
W–B
W
LG
LG
W–B
E5

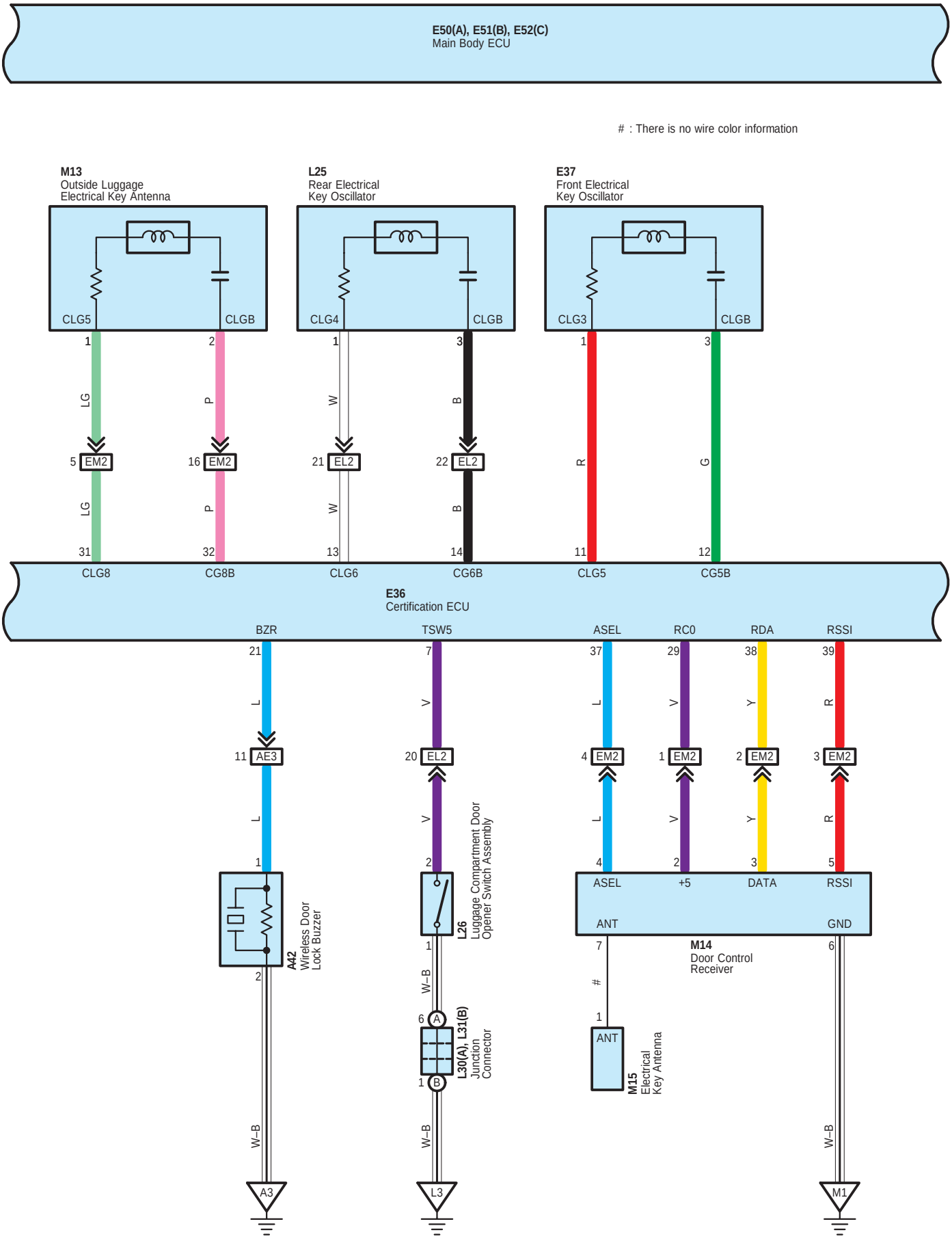

E50(A), E51(B), E52(C)
Main Body ECU
ACCD
GND2
SLR+
SLP
(BAT)
25A
ACC–B
ACC
Relay
(BAT)
20A
STRG LOCK
E39
Steering Lock
Actuator Assembly
IGE
SLP1
IG2
SGND
GND
LIN
B
E53
Junction
Connector
E2
E5
GR
W–B
L
P
G
B
BR
V
W
LG

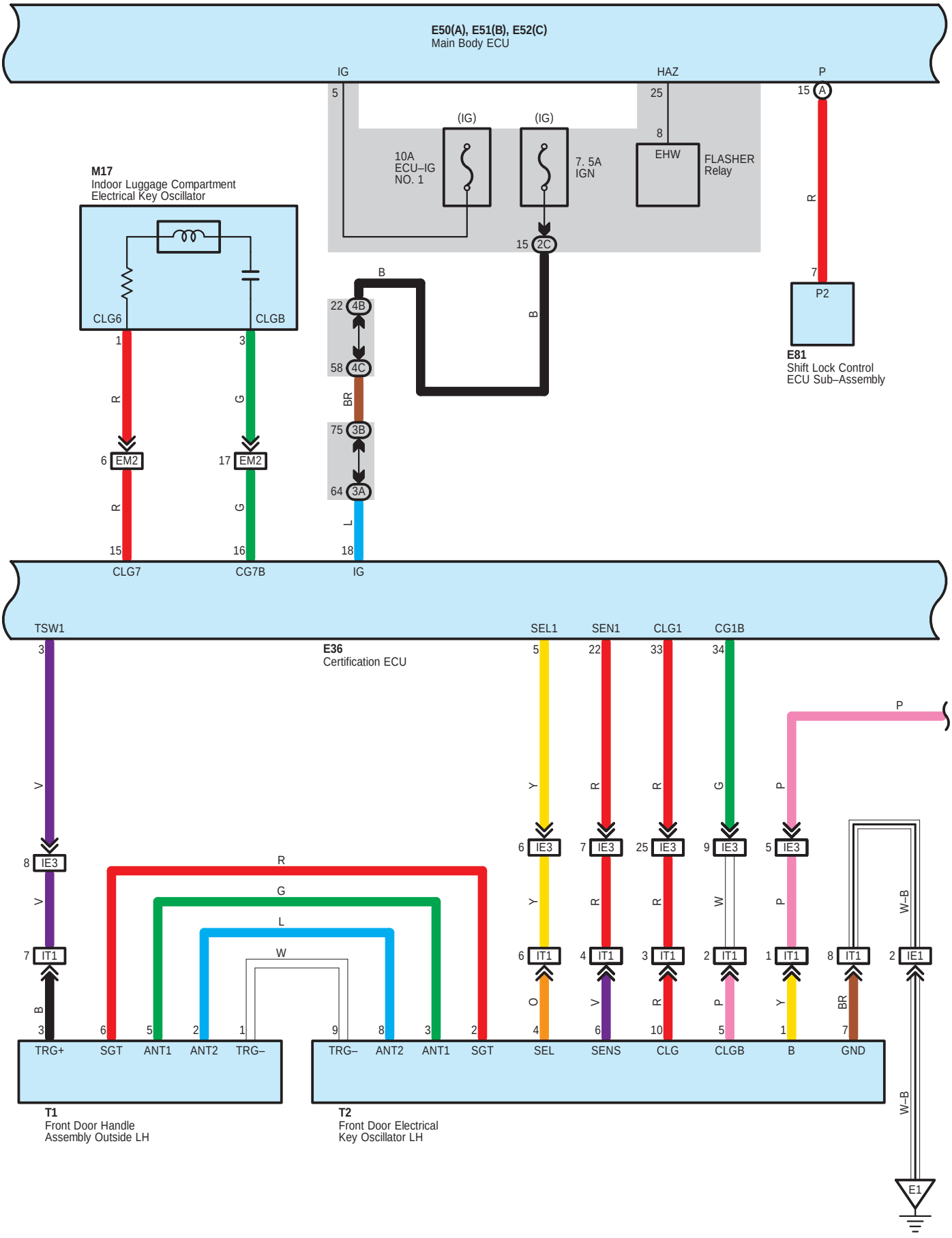

E50(A), E51(B), E52(C)
Main Body ECU
TACH
STSW
ACCR
LIN1
E11
DLC3
TAC
E22
ID Code Box
EFII
EFIO
GND
+B
A50(A), B31(B)
ECM
STAR
STA
IMO
IMI
GR
W
P
V
LG
BR
W–G
L–Y
LG–B
W–B

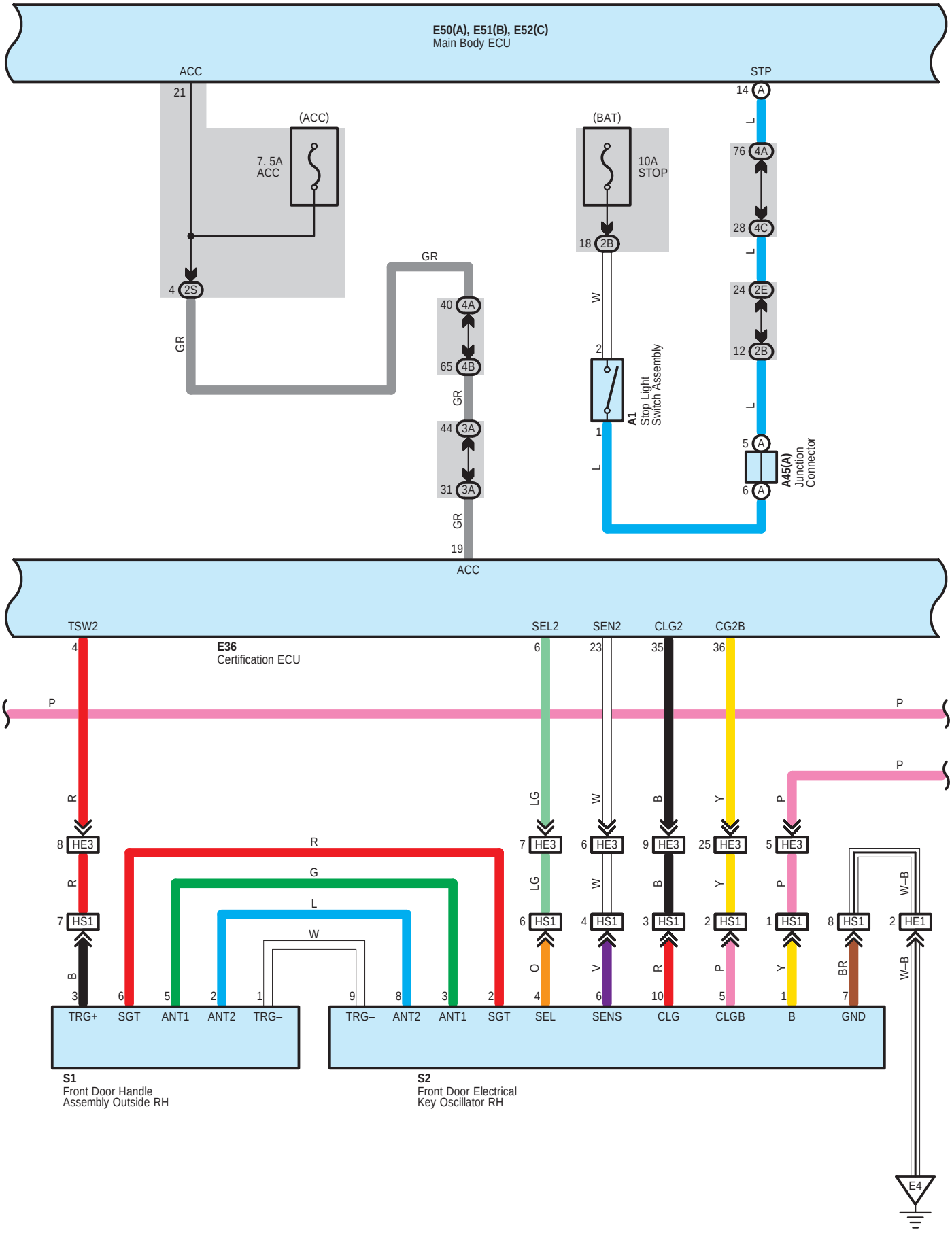

E50(A), E51(B), E52(C)
Main Body ECU
IG1D
GND1
IG2D
(BAT)
10A
ECU–B2
120A
ALT
15A
IG2
IG1
Relay
IG2
Relay
W–L
W
GR
W–B
V
A46(B)
Junction
Connector
E1
A1

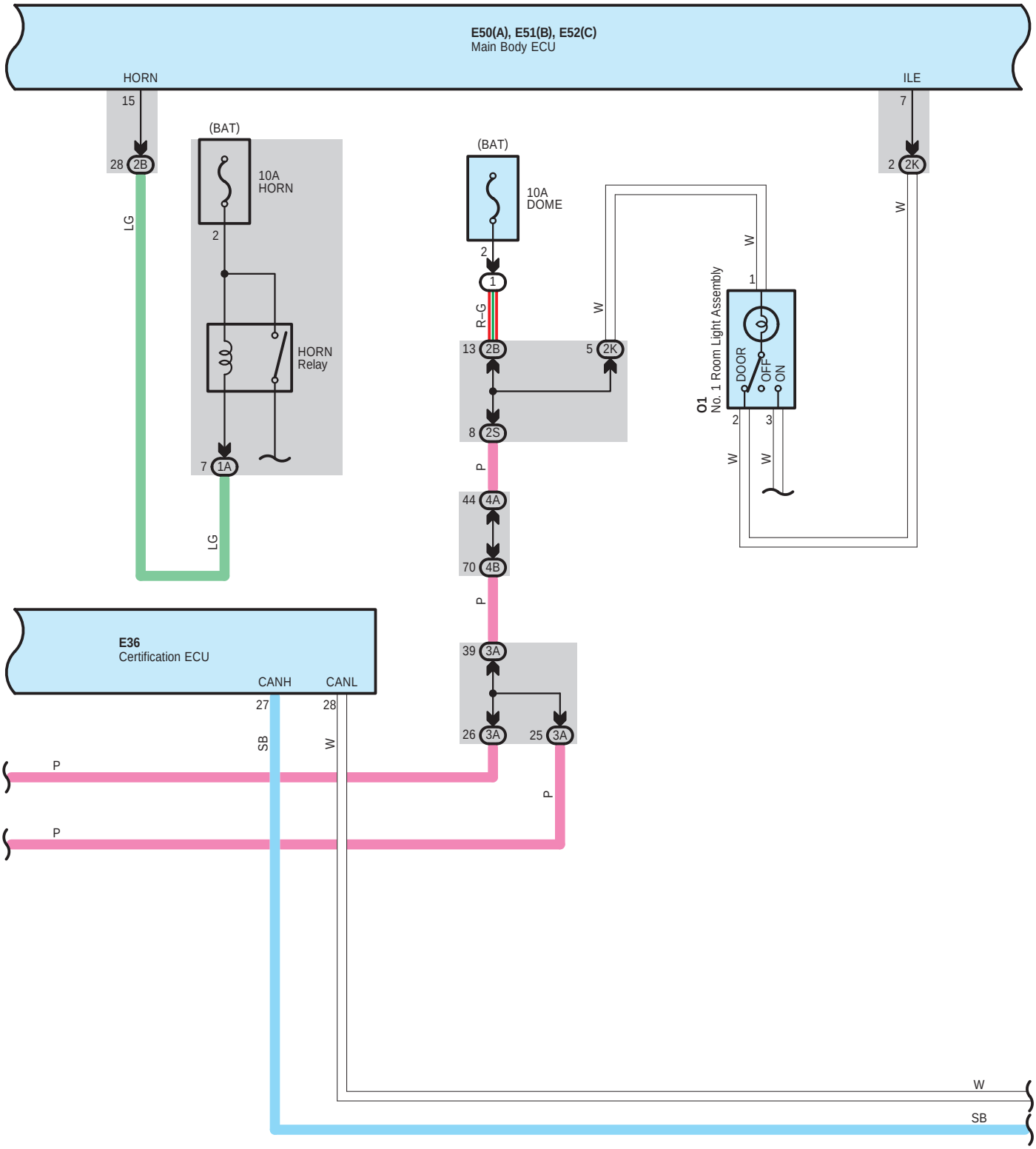

E50(A), E51(B), E52(C)
Main Body ECU
SSW1
SSW2
INDW
INDS
SWIL
SB
P
L
BR
SS1
SS2
INDW
INDS
SWIL
VC5
CODE
TXCT
AGND
GND
COM
Antenna Coil
E38
Engine Switch
W
V
W–B
E5

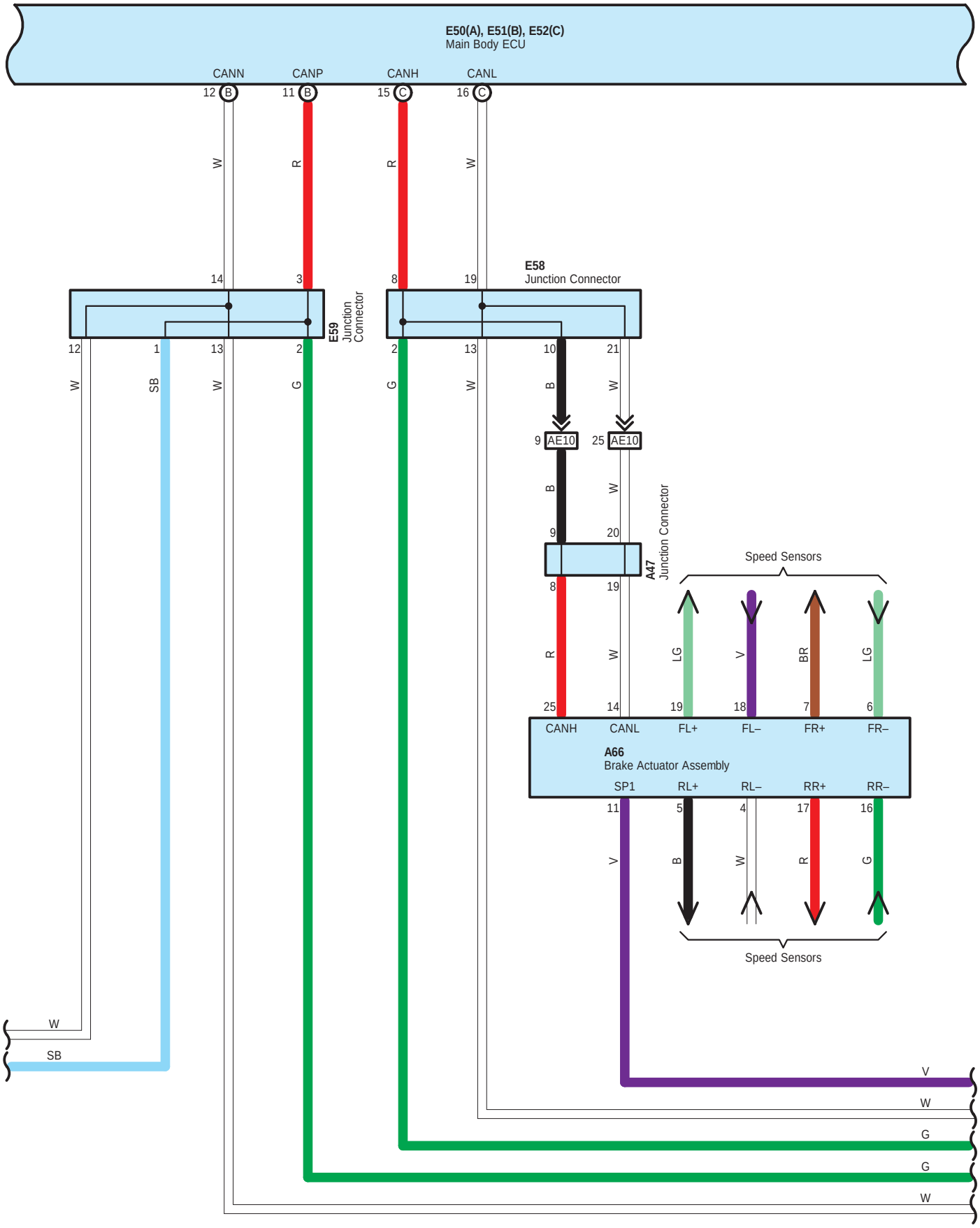

E50(A), E51(B), E52(C)
Main Body ECU
ALTB
4
(BAT)
25A
DOOR
SB
P
L
BR
BR
L
P
SB
40
8
9
30
E36
Certification ECU
AGND
TXCT
CODE
VC5
+B
LIN
E
IND
1
10
17
2
W
V
W–B
Y
32 3A
80 3B
42 4C
53 4C
LP
Security
E
E48
Telltale Light Assembly
40 4C
14 4B
E2

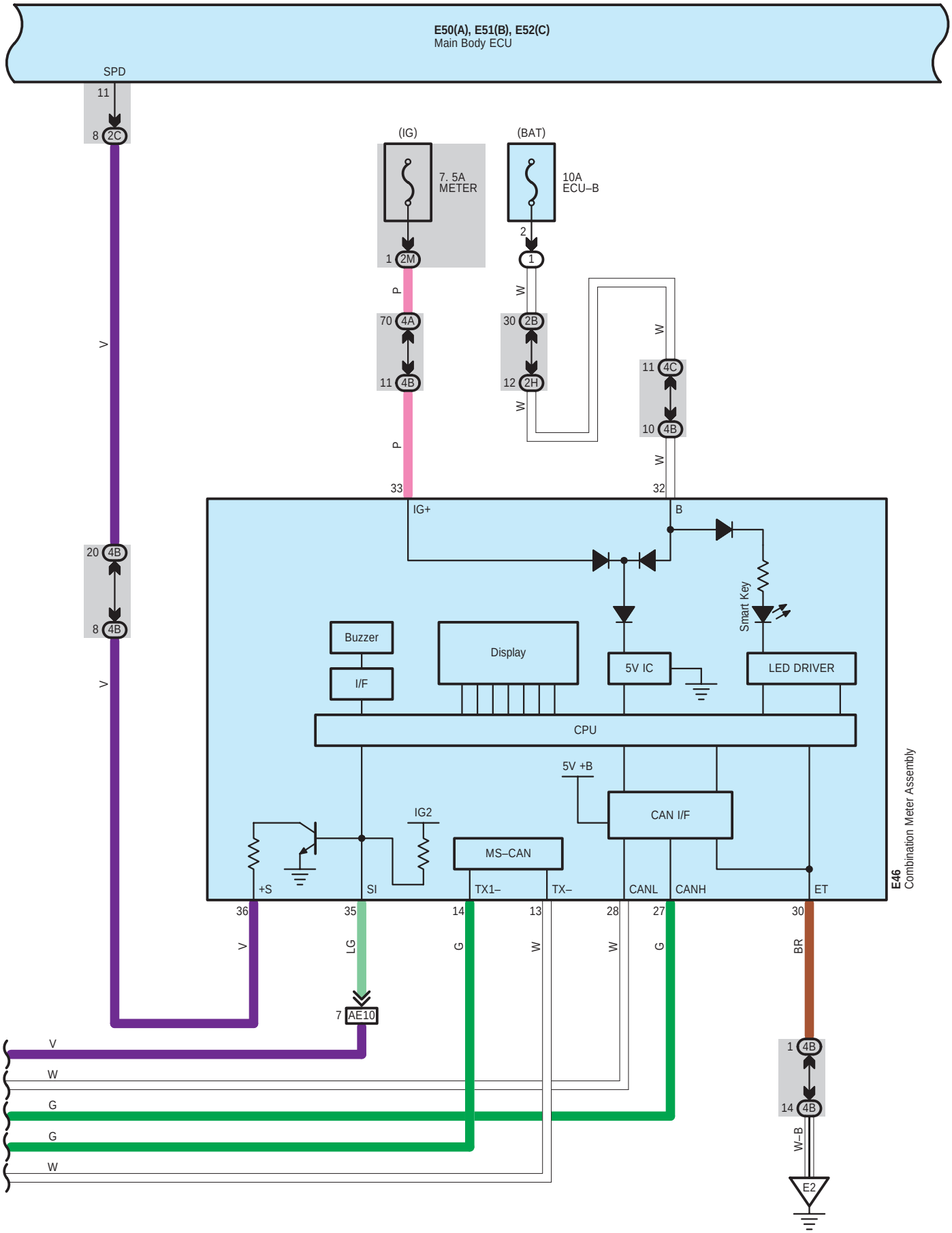

E50(A), E51(B), E52(C)
Main Body ECU
: There is no wire color information
M13
Outside Luggage
Electrical Key Antenna
L25
Rear Electrical
Key Oscillator
E37
Front Electrical
Key Oscillator
CLG5
CLGB
CLG4
CLGB
CLG3
CLGB
1
2
1
3
1
3
LG
P
W
B
R
G
5 EM2
16 EM2
21 EL2
22 EL2
LG
P
W
B
31
32
13
14
11
12
CLG8
CG8B
CLG6
CG6B
CLG5
CG5B
E36
Certification ECU
BZR
TSW5
ASEL
RC0
RDA
RSSI
21
7
37
29
38
39
L
V
L
V
Y
R
11 AE3
20 EL2
4 EM2
1 EM2
2 EM2
3 EM2
L
V
L
V
Y
R
1
2
4
2
3
5
ASEL
+5
DATA
RSSI
ANT
GND
A42
Wireless Door
Lock Buzzer
L26
Luggage Compartment Door
Opener Switch Assembly
M14
Door Control
Receiver
7
6
#
1
W–B
6 A
1 B
L30(A), L31(B)
Junction
Connector
ANT
M15
Electrical
Key Antenna
W–B
W–B
A3
L3
M1

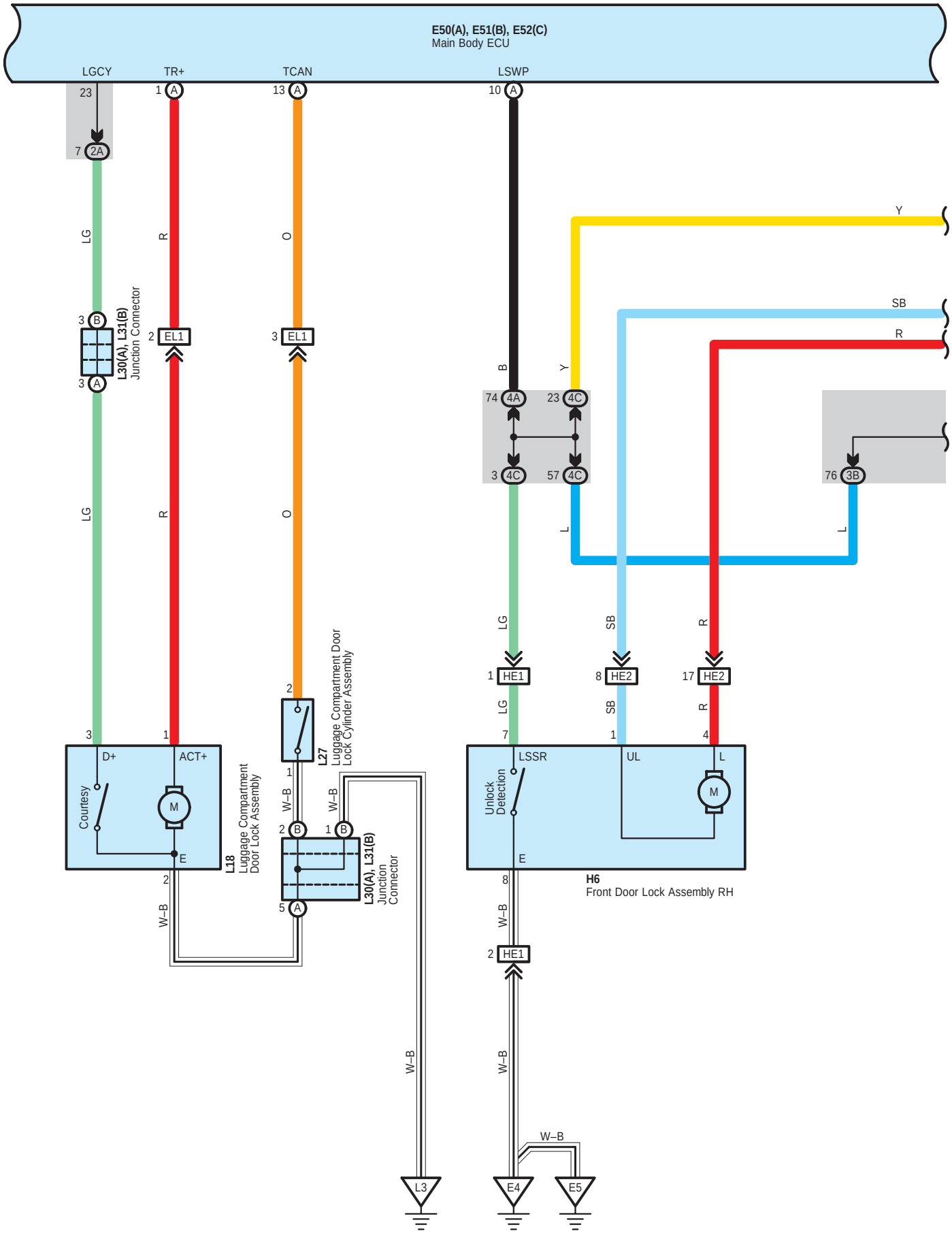

E50(A), E51(B), E52(C)
Main Body ECU
IG
HAZ
P
5
25
15 A
(IG)
(IG)
8
10A
ECU–IG
NO. 1
7. 5A
IGN
EHW
FLASHER
Relay
R
15 2C
7
P2
M17
Indoor Luggage Compartment
Electrical Key Oscillator
B
E81
Shift Lock Control
ECU Sub–Assembly
CLG6
CLGB
22 4B
58 4C
75 3B
64 3A
1
3
R
G
BR
L
6 EM2
17 EM2
R
G
15
16
18
CLG7
CG7B
IG
TSW1
E36
Certification ECU
SEL1
SEN1
CLG1
CG1B
3
5
22
33
34
V
Y
R
R
G
P
8 IE3
6 IE3
7 IE3
25 IE3
9 IE3
5 IE3
V
Y
R
R
W
P
R
G
L
W
B
7 IT1
6 IT1
4 IT1
3 IT1
2 IT1
1 IT1
8 IT1
2 IE1
O
V
R
P
Y
BR
W–B
3
6
5
2
1
9
8
3
2
4
6
10
5
1
7
TRG+
SGT
ANT1
ANT2
TRG–
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
W–B
T1
Front Door Handle
Assembly Outside LH
T2
Front Door Electrical
Key Oscillator LH
E1

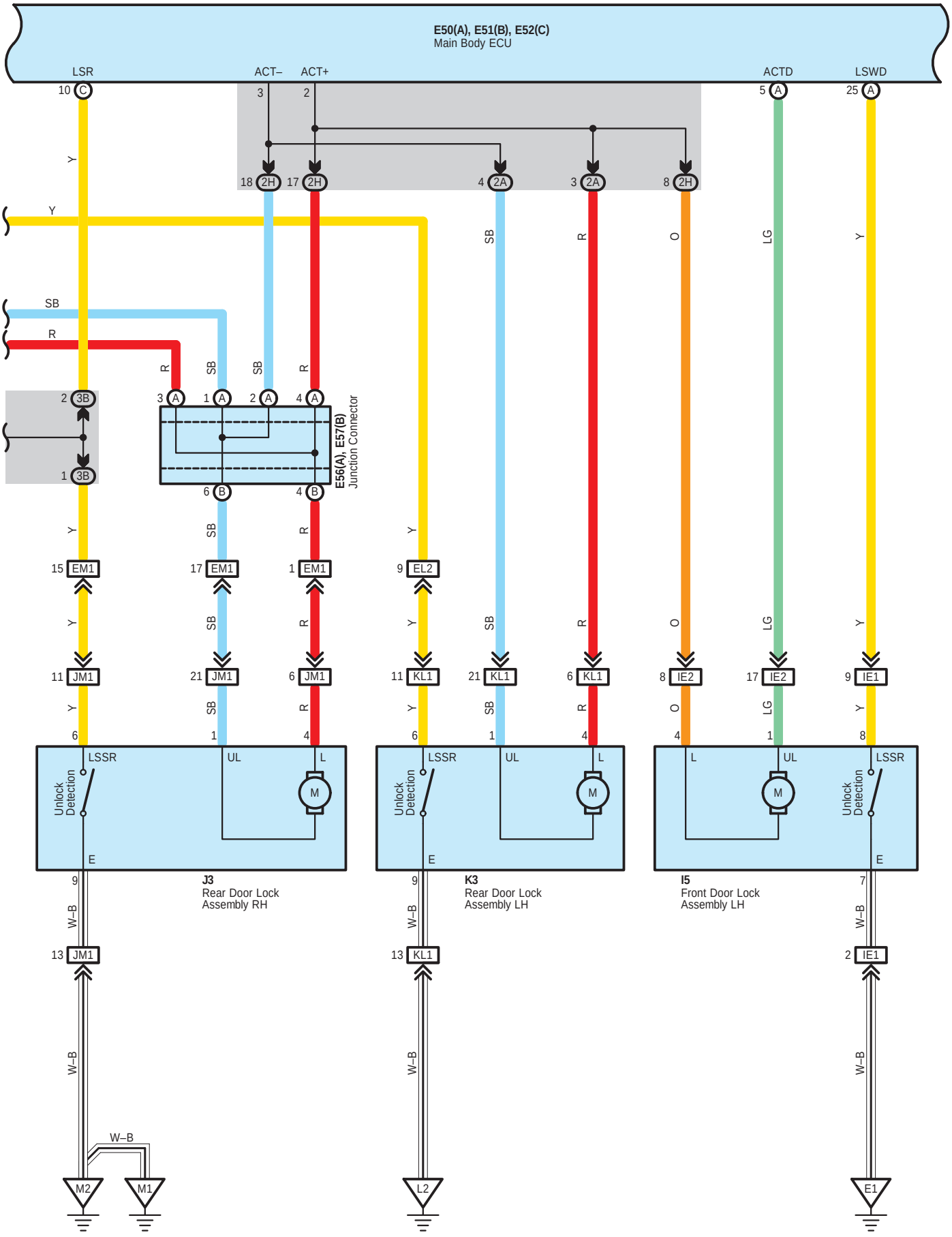

E50(A), E51(B), E52(C)
Main Body ECU
ACC
21
(ACC)
7. 5A
ACC
4 2S
GR
40 4A
65 4B
GR
44 3A
31 3A
GR
19
ACC
(BAT)
10A
STOP
18 2B
W
2
A1
Stop Light
Switch Assembly
1
L
STP
14 A
L
76 4A
28 4C
L
24 2E
12 2B
L
5 A
6 A
A45(A)
Junction
Connector
TSW2
4
E36
Certification ECU
SEL2
SEN2
CLG2
CG2B
6
23
35
36
P
P
P
R
LG
W
B
Y
P
8 HE3
7 HE3
6 HE3
9 HE3
25 HE3
5 HE3
R
G
L
W
R
LG
W
B
Y
P
7 HS1
6 HS1
4 HS1
3 HS1
2 HS1
1 HS1
8 HS1
2 HE1
B
O
V
R
P
Y
BR
W–B
W–B
3
6
5
2
1
9
8
3
2
4
6
10
5
1
7
TRG+
SGT
ANT1
ANT2
TRG–
TRG–
ANT2
ANT1
SGT
SEL
SENS
CLG
CLGB
B
GND
S1
Front Door Handle
Assembly Outside RH
S2
Front Door Electrical
Key Oscillator RH
E4

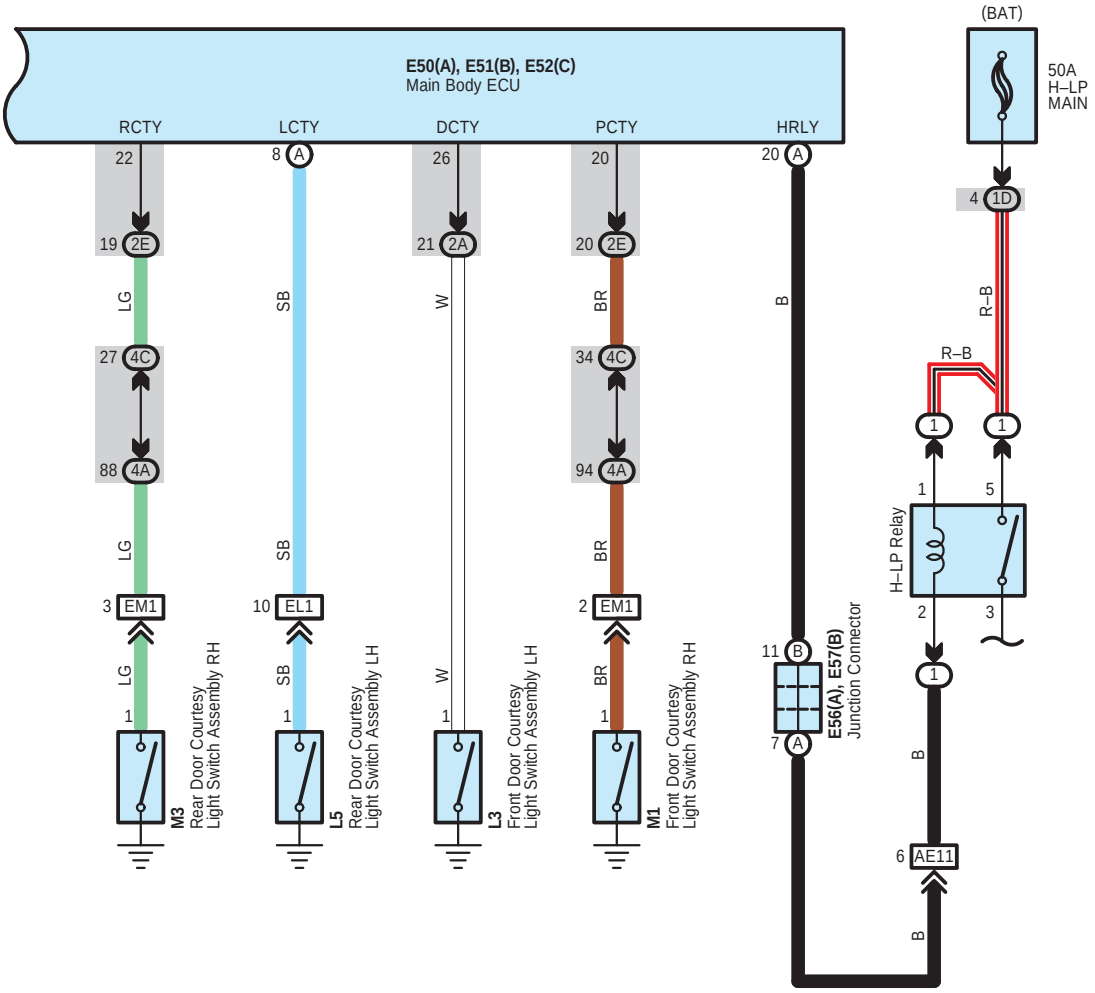

E50(A), E51(B), E52(C)
Main Body ECU
HORN
15
28 2B
LG
(BAT)
10A
HORN
2
HORN
Relay
7 1A
LG
(BAT)
10A
DOME
2
1
R–G
13 2B
5 2K
W
8 2S
P
44 4A
70 4B
P
39 3A
26 3A
25 3A
P
P
ILE
7
2 2K
W
W
1
O1
No. 1 Room Light Assembly
DOOR
OFF
ON
2
3
W
W
E36
Certification ECU
CANH
CANL
27
28
SB
W
W
SB


E50(A), E51(B), E52(C)
Main Body ECU
CANN
CANP
CANH
CANL
12 B
11 B
15 C
16 C
W
R
R
W
E58
Junction Connector
14
3
8
19
E59
Junction
Connector
12
1
13
2
2
13
10
21
W
SB
W
G
G
W
B
W
9 AE10
25 AE10
B
W
9
20
A47
Junction Connector
8
19
R
W
25
14
Speed Sensors
LG
V
BR
LG
19
18
7
6
CANH
CANL
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11
5
4
17
16
V
B
W
R
G
Speed Sensors
W
SB
V
W
G
G
W

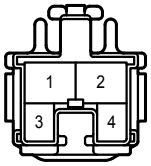

E50(A), E51(B), E52(C)
Main Body ECU
SPD
11
8 2C
(IG)
7. 5A
METER
1 2M
(BAT)
10A
ECU–B
2
1
P
W
70 4A
11 4B
30 2B
12 2H
W
11 4C
10 4B
W
P
33
32
IG+
B
20 4B
8 4B
V
Smart Key
Buzzer
I/F
Display
5V IC
LED DRIVER
CPU
5V +B
CAN I/F
IG2
MS–CAN
+S
SI
TX1–
TX–
CANL
CANH
ET
E46
Combination Meter Assembly
36
35
14
13
28
27
30
V
LG
G
W
W
G
BR
7 AE10
V
W
G
G
W
1 4B
14 4B
W–B
E2


E50(A), E51(B), E52(C)
Main Body ECU
LGCY
TR+
TCAN
LSWP
23
7 2A
1 A
13 A
10 A
LG
R
O
B
Y
SB
R
L
3 B
2 EL1
3 EL1
3 A
L30(A), L31(B)
Junction Connector
74 4A
23 4C
3 4C
57 4C
76 3B
1 HE1
8 HE2
17 HE2
7
1
4
3
1
D+
ACT+
Courtesy
M
E
L18
Luggage Compartment
Door Lock Assembly
2
L27
Luggage Compartment Door
Lock Cylinder Assembly
W–B
2 B
1 B
5 A
L30(A), L31(B)
Junction
Connector
LSSR
UL
L
Unlock
Detection
M
E
H6
Front Door Lock Assembly RH
8
2 HE1
L3
E4
E5


E50(A), E51(B), E52(C)
Main Body ECU
LSR
ACT–
ACT+
ACTD
LSWD
E56(A), E57(B)
Junction Connector
J3
Rear Door Lock
Assembly RH
K3
Rear Door Lock
Assembly LH
I5
Front Door Lock
Assembly LH
Unlock
Detection
LSSR
UL
L
M
E
W–B
M2
M1
L2
E1

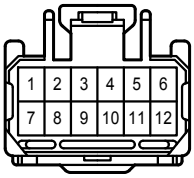

E50(A), E51(B), E52(C)
Main Body ECU
RCTY
LCTY
DCTY
PCTY
HRLY
22
19 2E
LG
27 4C
88 4A
LG
3 EM1
LG
1
M3
Rear Door Courtesy Light Switch Assembly RH
8 A
SB
SB
10 EL1
SB
1
L5
Rear Door Courtesy Light Switch Assembly LH
26
21 2A
W
W
1
L3
Front Door Courtesy Light Switch Assembly LH
20
20 2E
BR
34 4C
94 4A
BR
2 EM1
BR
1
M1
Front Door Courtesy Light Switch Assembly RH
20 A
B
11 B
7 A
E56(A), E57(B)
Junction Connector
(BAT)
50A
H–LP
MAIN
4 1D
R–B
R–B
1
1
1
5
H–LP Relay
2
3
1
B
6 AE11
B

A 1
Black



A 42
Black

A 45
White



A 46
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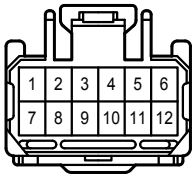

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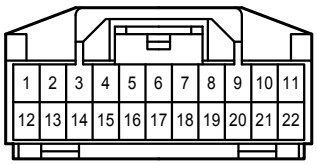
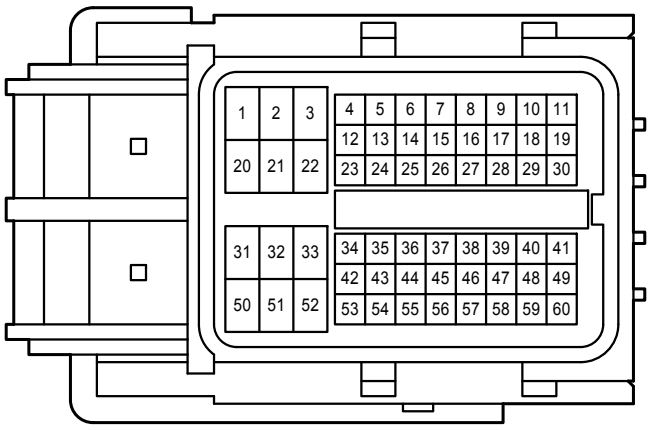
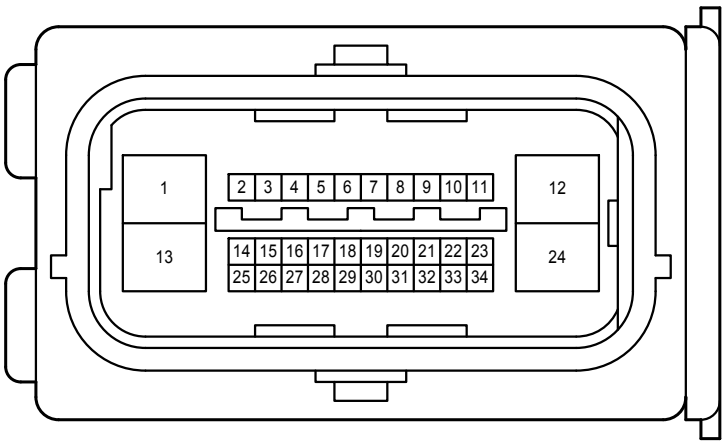


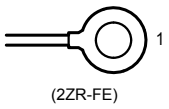
A 50
Black



A 66
Black



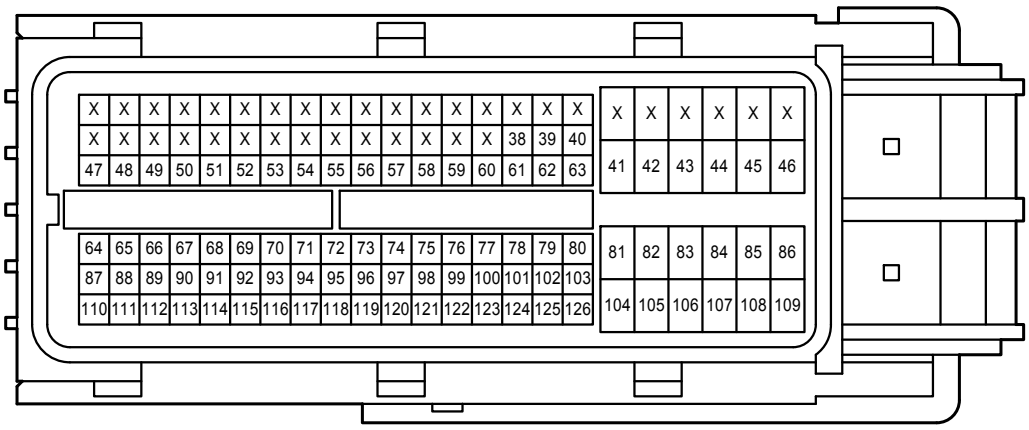
B 4



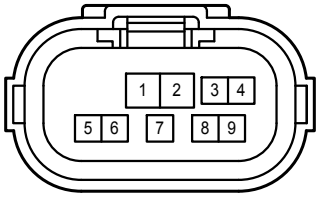
(2ZR-FE)

B 8
Black

B 31
Black



B 88
Gray



E 11
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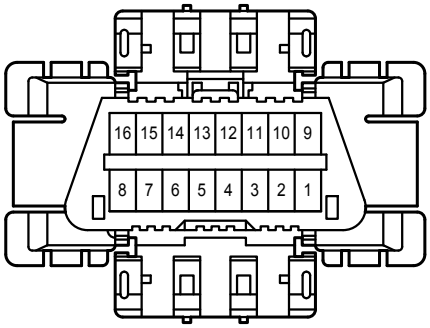

E 22
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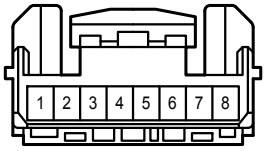

E 36
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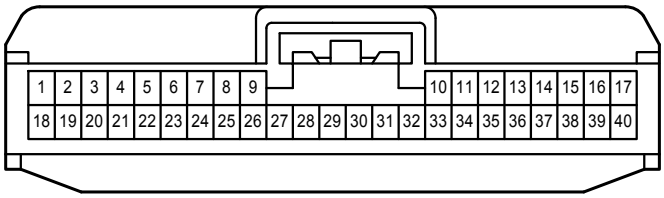

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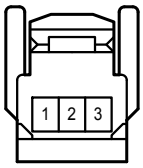

E 38
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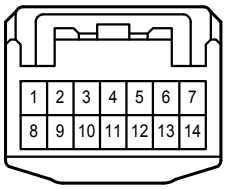
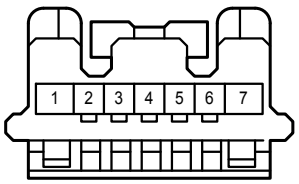


E 39
Black



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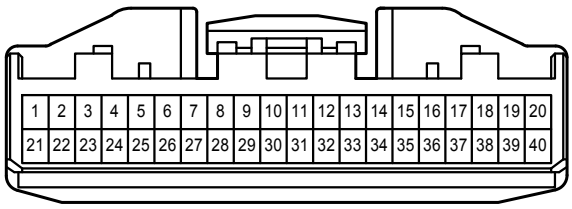

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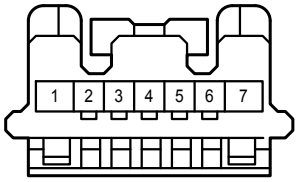

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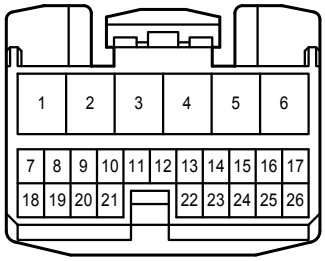

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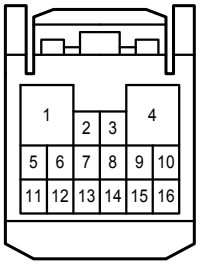

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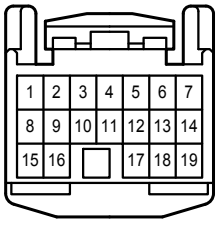

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E 56
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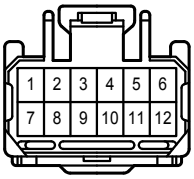

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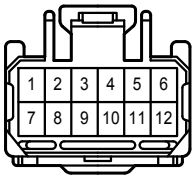

E 58
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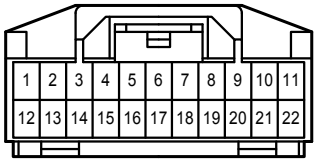

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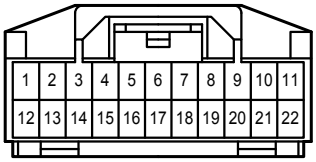

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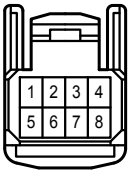

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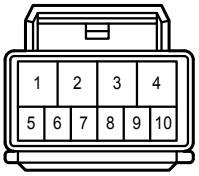

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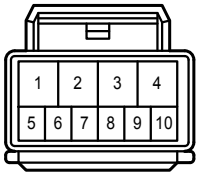

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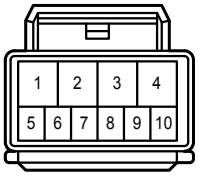

K 3
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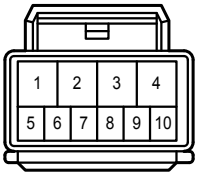
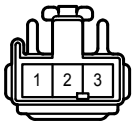


L 3
Black

L 5
Black

L 18
Black



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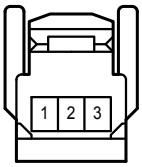

L 26
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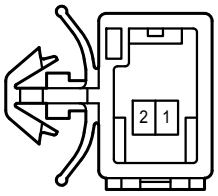

L 27
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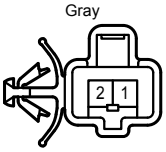

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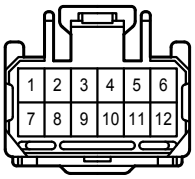

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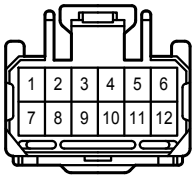

M 1
Black

M 3
Black

M 13
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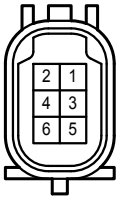

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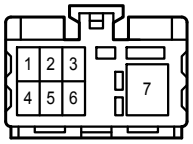
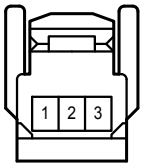


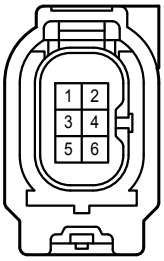
M 15
Gray

M 17
White



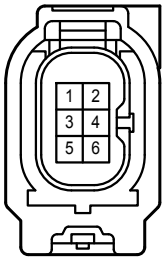
O 1
Gray

S 1
White



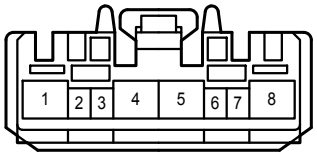
S 2
Black

T 1
White

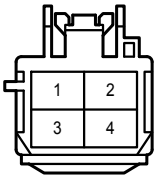


T 2
Black

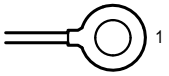
1A
White



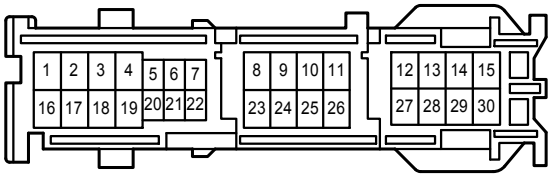
1D
White



1J



2A
White



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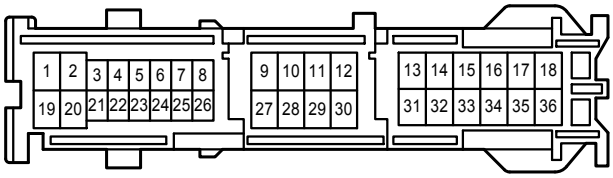
White



2C
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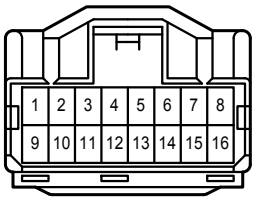

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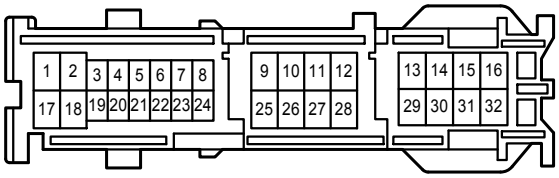

2F
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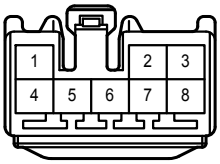

2G
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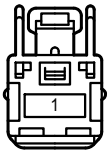

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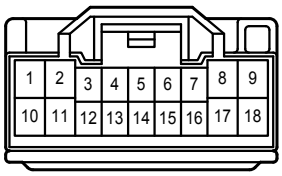

2K
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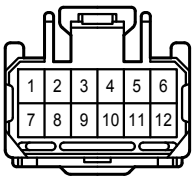
2M
White



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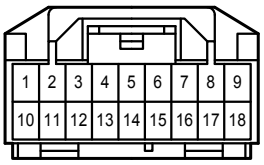

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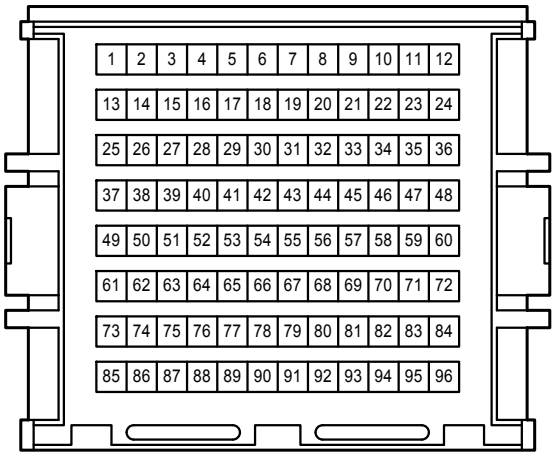

3B
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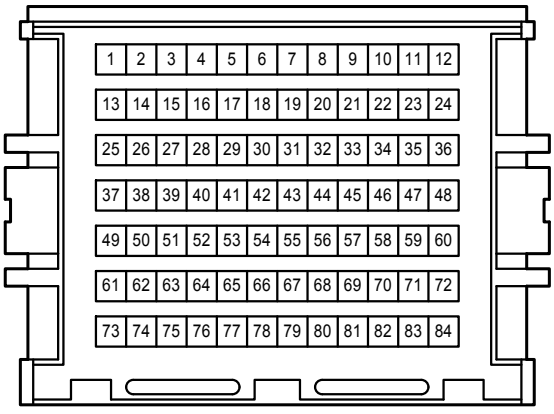

4A
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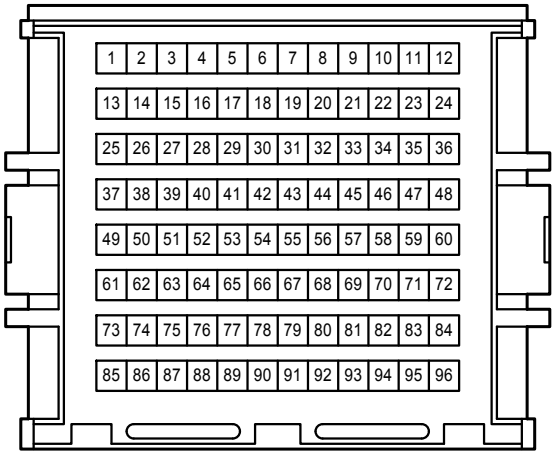

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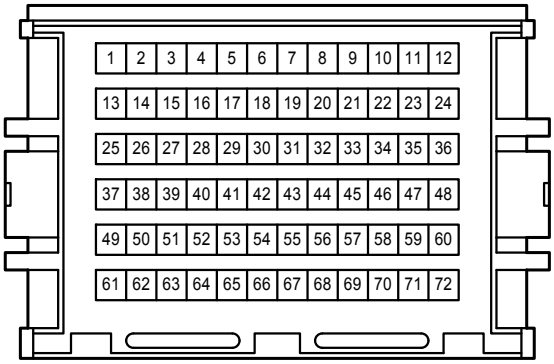

4C
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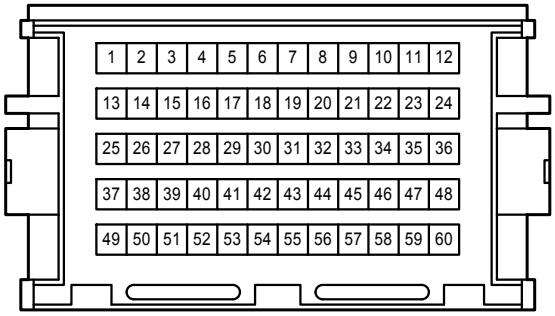

AE1
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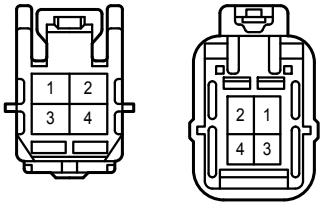

AE3
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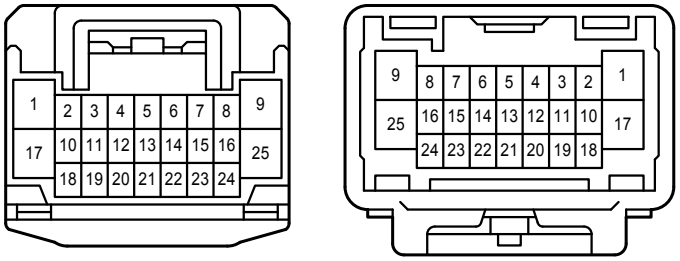
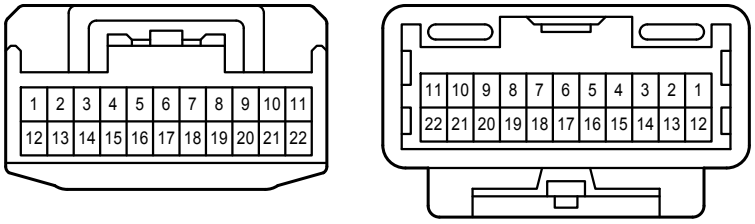


AE6
Gray



AE10
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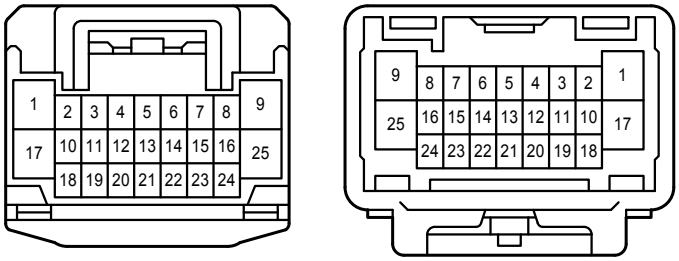

AE11
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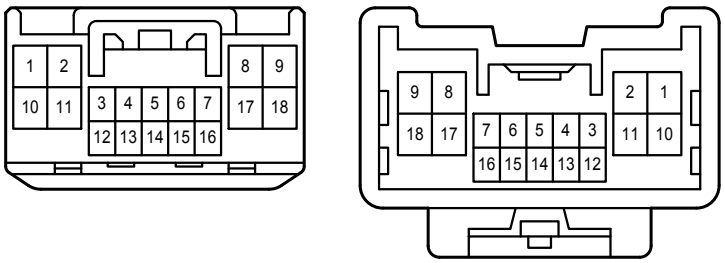

BA2
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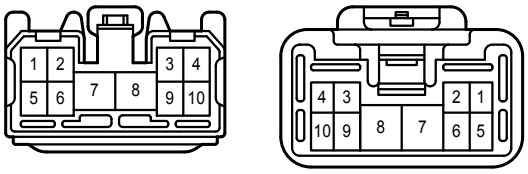

EL1
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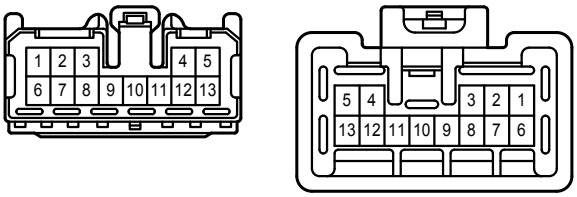

EL2
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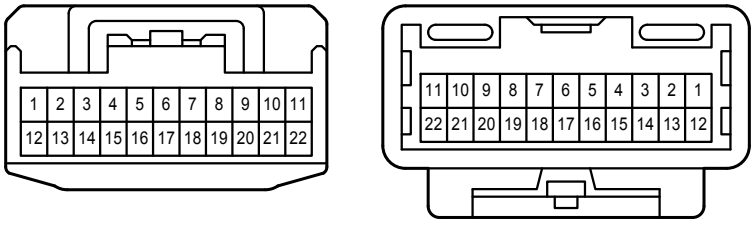
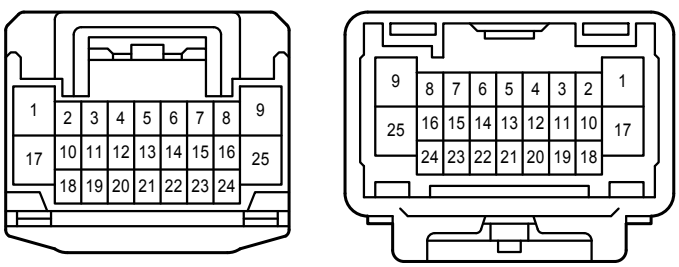


EM1
Gray



EM2
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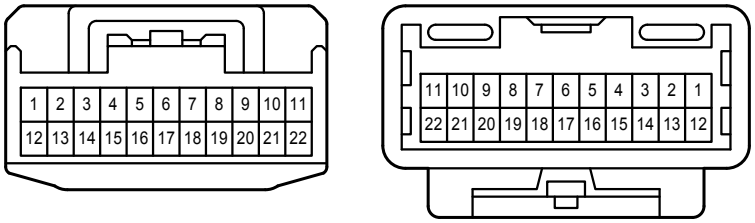
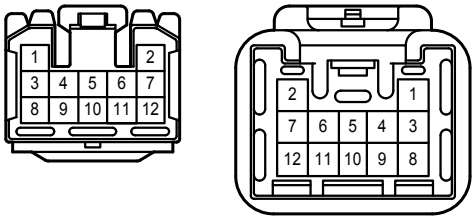
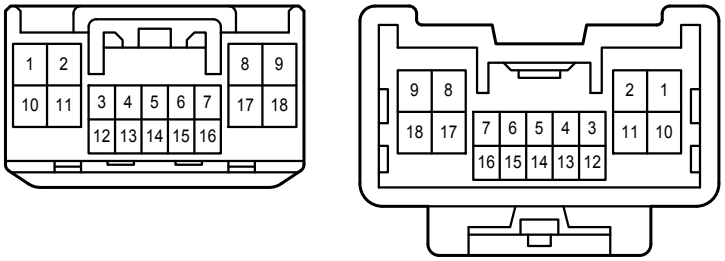


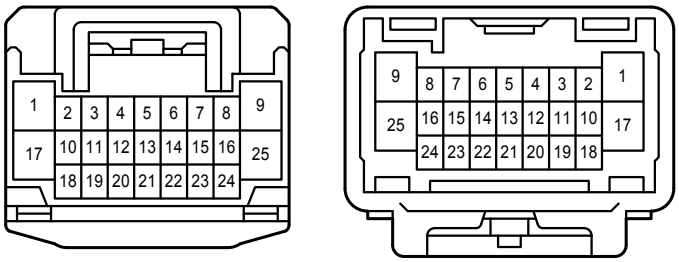
HE1
Blue



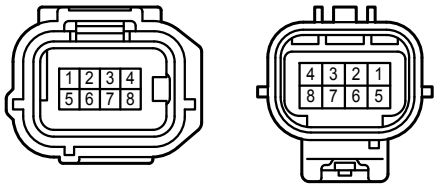
HE2
White



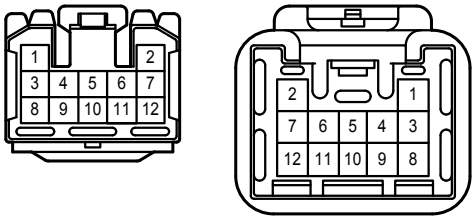
HE3
White



HS1
Gray



IE1
Blue



IE2
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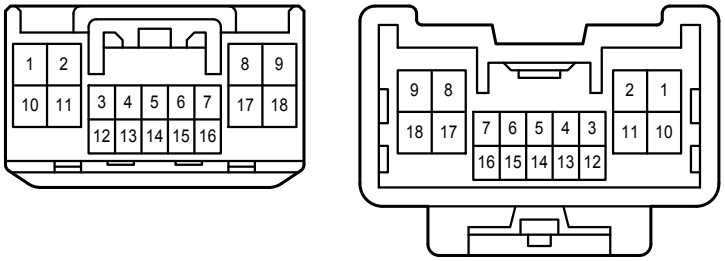
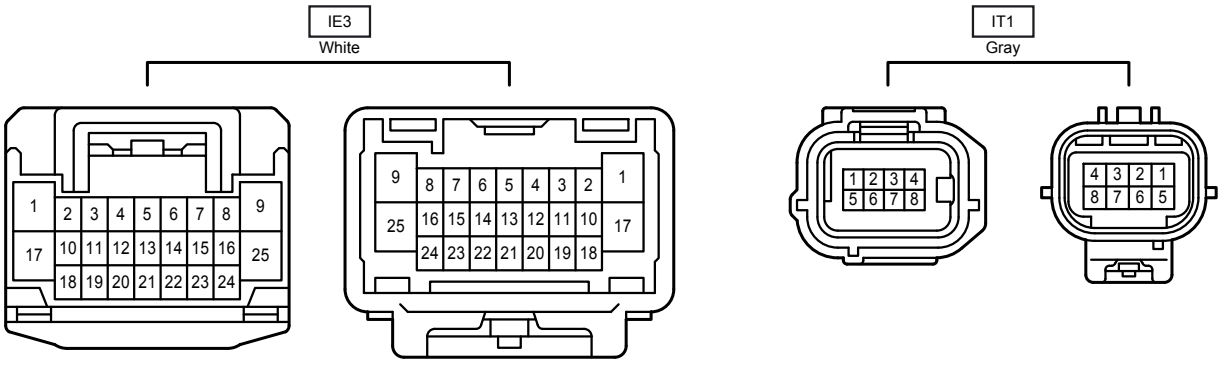
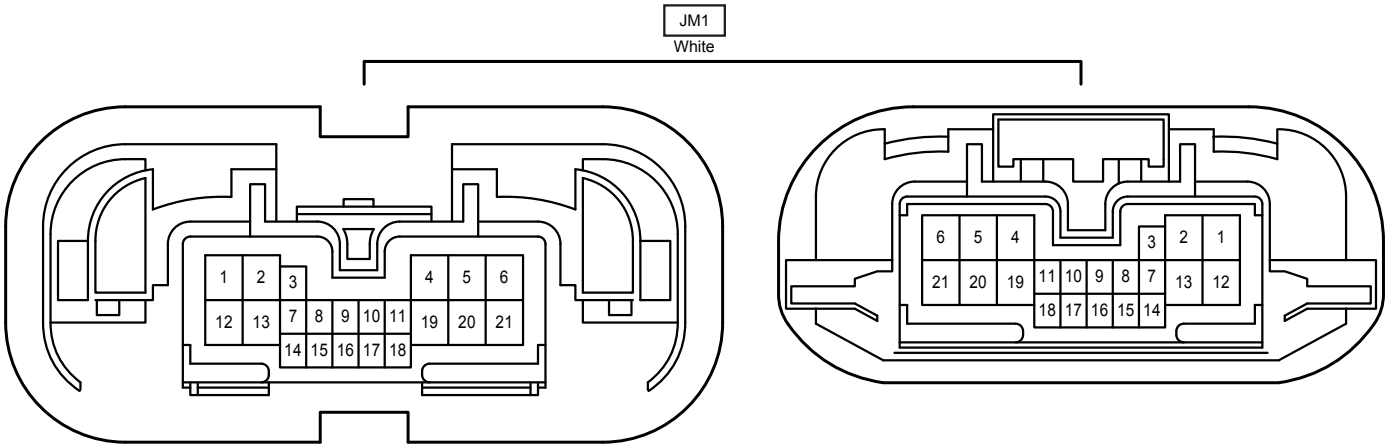
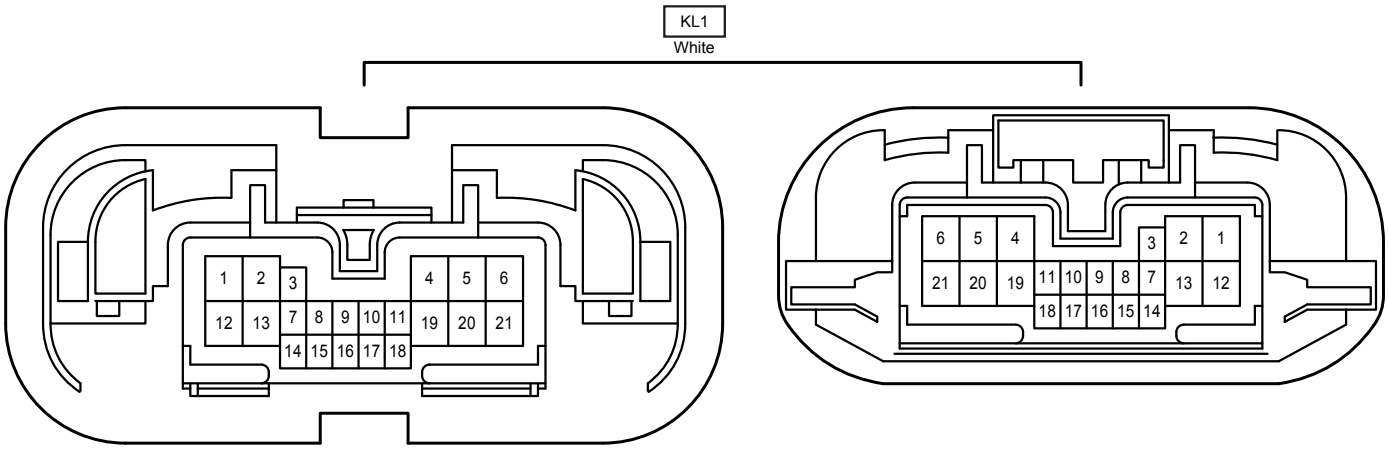
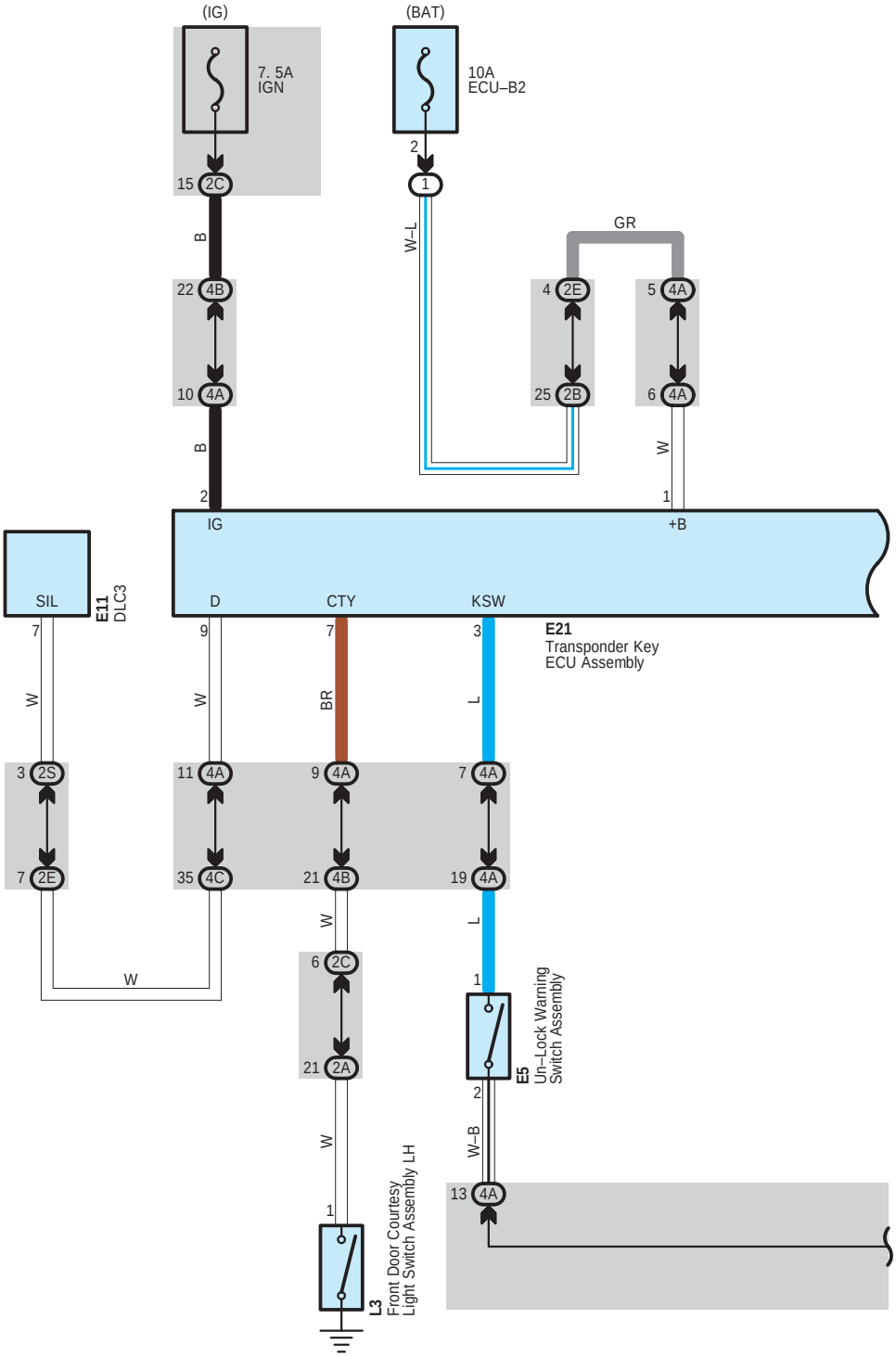
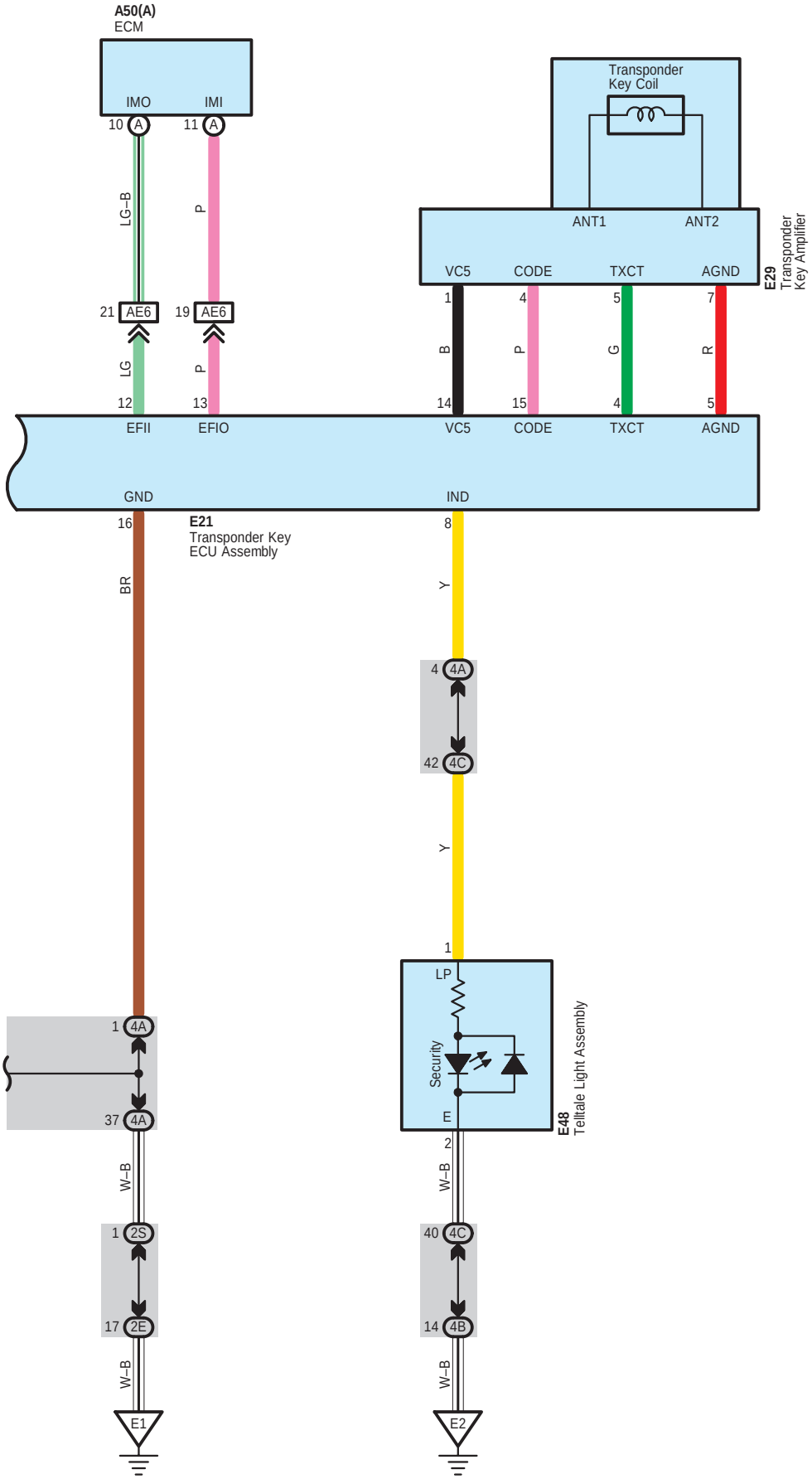



IE3
White
IT1
Gray

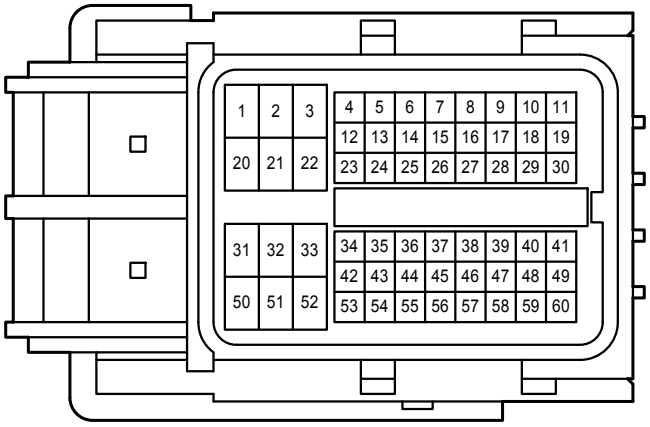

JM1
White


KL1
White

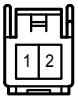

(IG)
(BAT)
7. 5A
IGN
10A
ECU–B2
15 2C
2
1
B
W–L
GR
22 4B
4 2E
5 4A
10 4A
25 2B
6 4A
B
W
2
1
IG
+B
SIL
E11
DLC3
D
CTY
KSW
E21
Transponder Key
ECU Assembly
7
9
7
3
W
W
BR
L
3 2S
11 4A
9 4A
7 4A
7 2E
35 4C
21 4B
19 4A
W
L
6 2C
1
W
21 2A
E5
Un–Lock Warning
Switch Assembly
2
W–B
W
13 4A
1
L3
Front Door Courtesy
Light Switch Assembly LH


A50(A)
ECM
IMO
IMI
10 A
11 A
LG–B
P
21 AE6
19 AE6
LG
P
12
13
EFII
EFIO
Transponder
Key Coil
ANT1
ANT2
VC5
CODE
TXCT
AGND
E29
Transponder
Key Amplifier
1
4
5
7
B
P
G
R
14
15
4
5
VC5
CODE
TXCT
AGND
GND
IND
16
8
E21
Transponder Key
ECU Assembly
BR
Y
4 4A
42 4C
Y
1
LP
Security
E
E48
Telltale Light Assembly
1 4A
37 4A
2
W–B
W–B
1 2S
40 4C
17 2E
14 4B
W–B
W–B
E1
E2

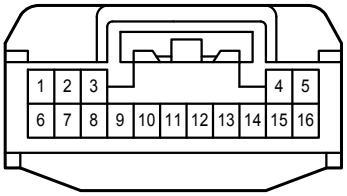
A 50
Black



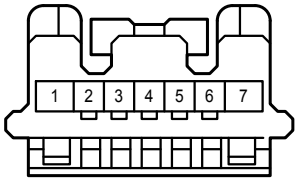
E 5
White



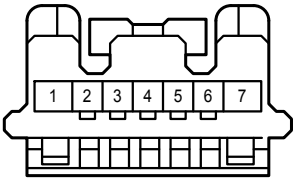
E 21
White



E 29
Black

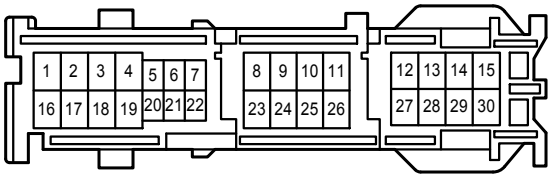


E 48
Black

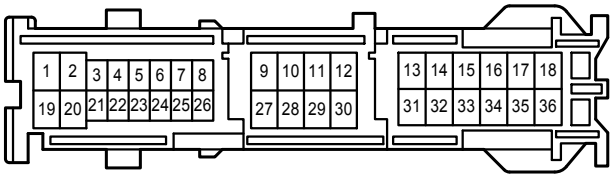


L 3
Black

2A
White



2B
White



2C
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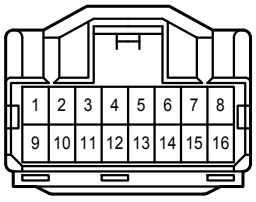
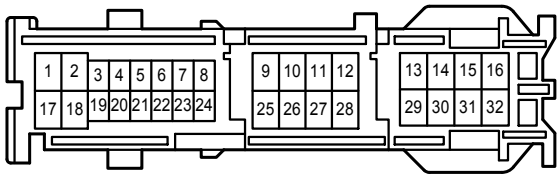
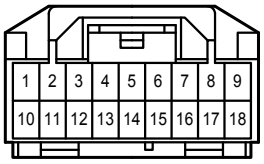


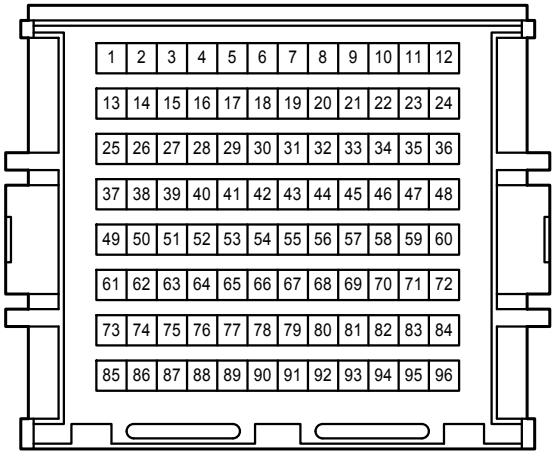
2E
White



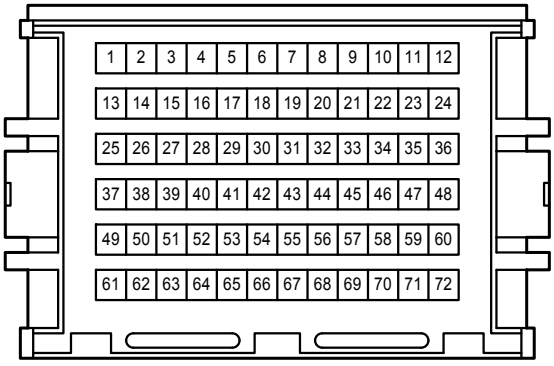
2S
White

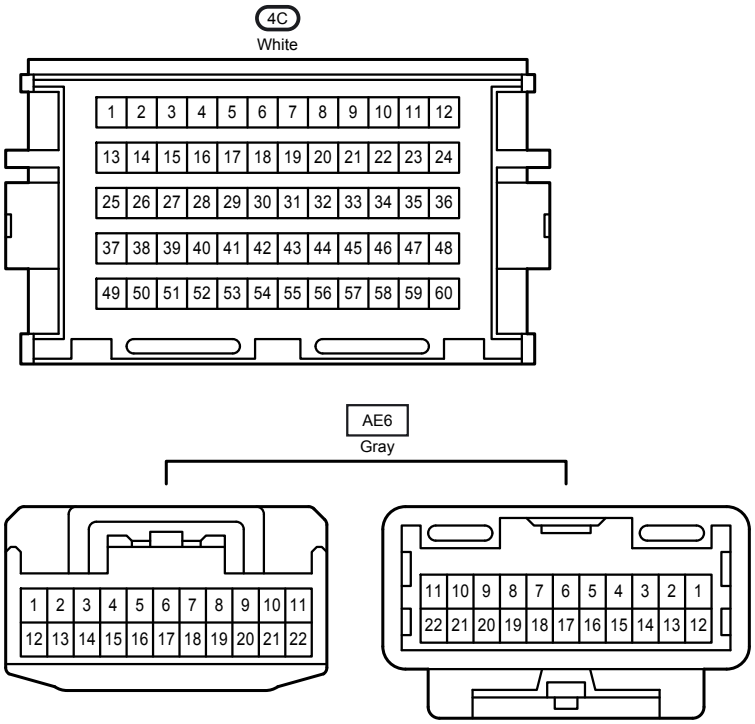


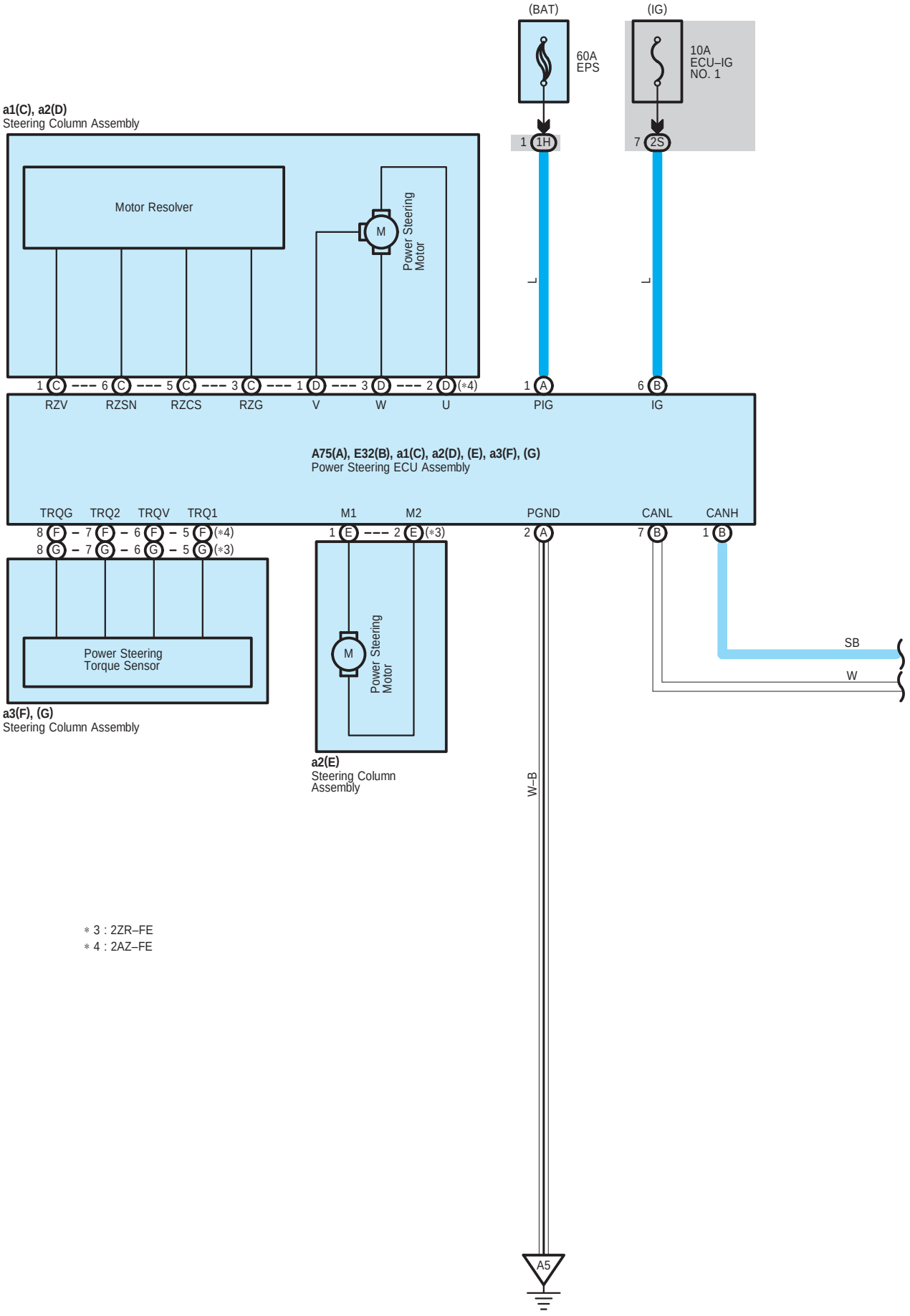
4A
White



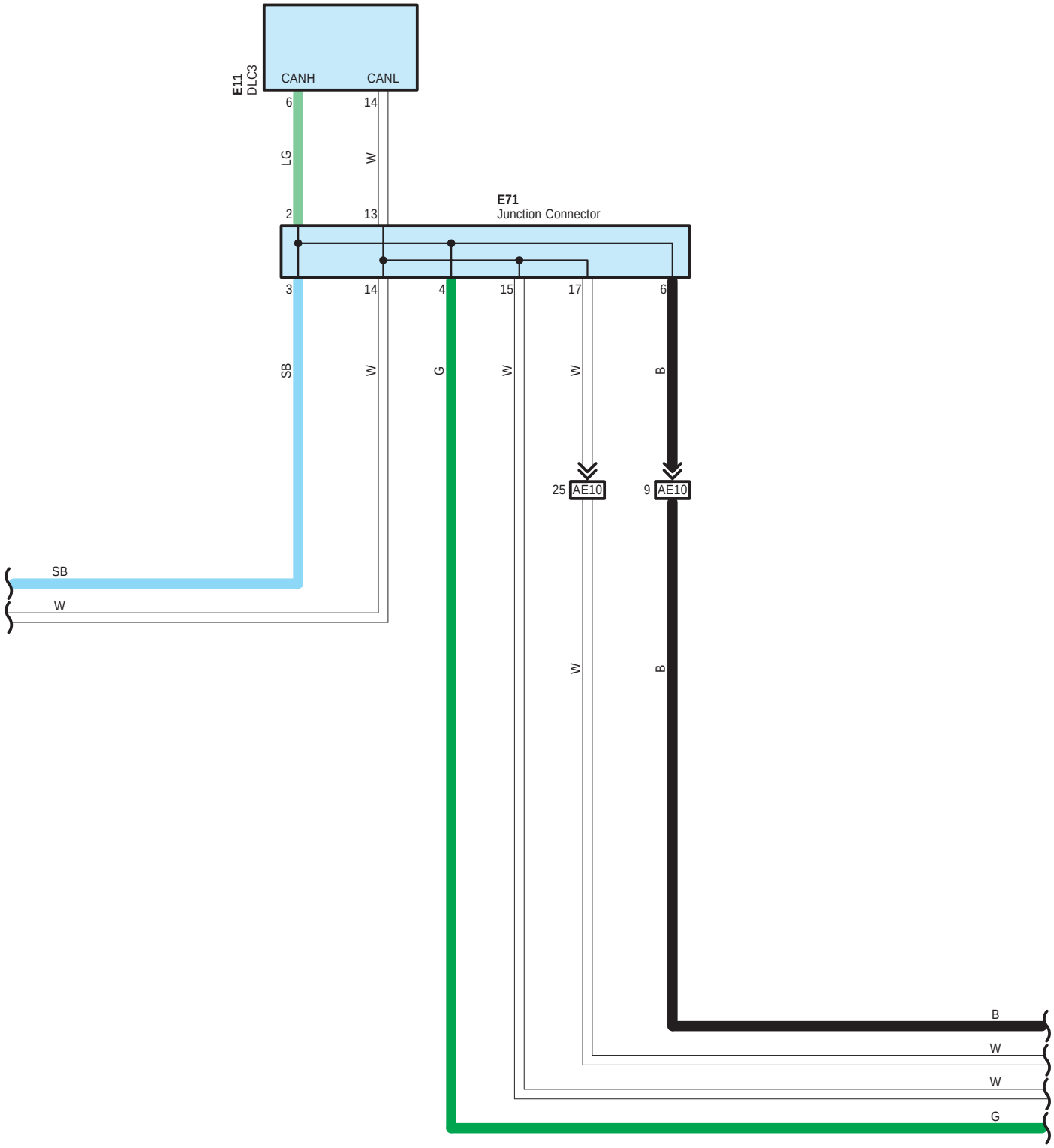
4B
White



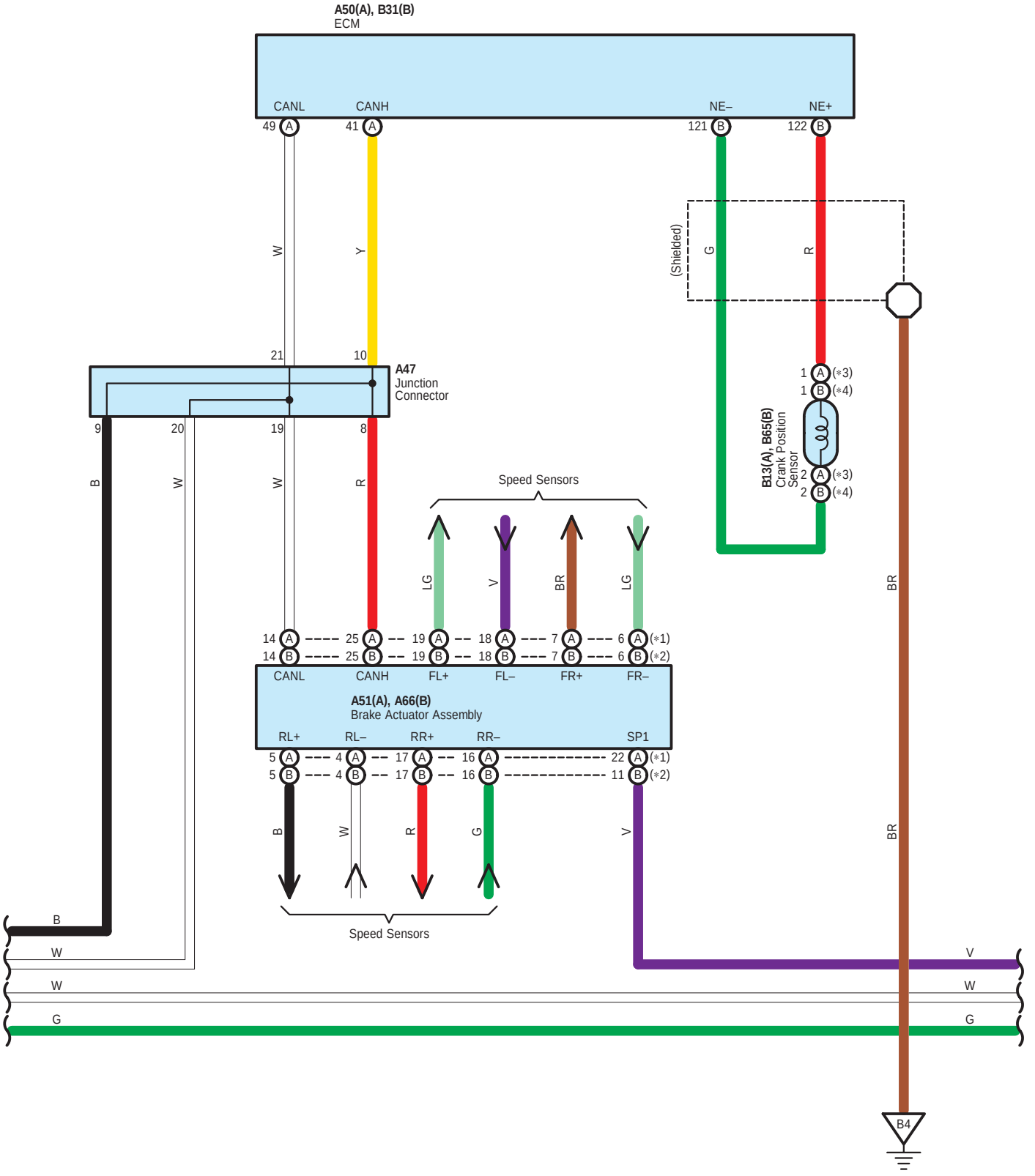

4C
White
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60
AE6
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12

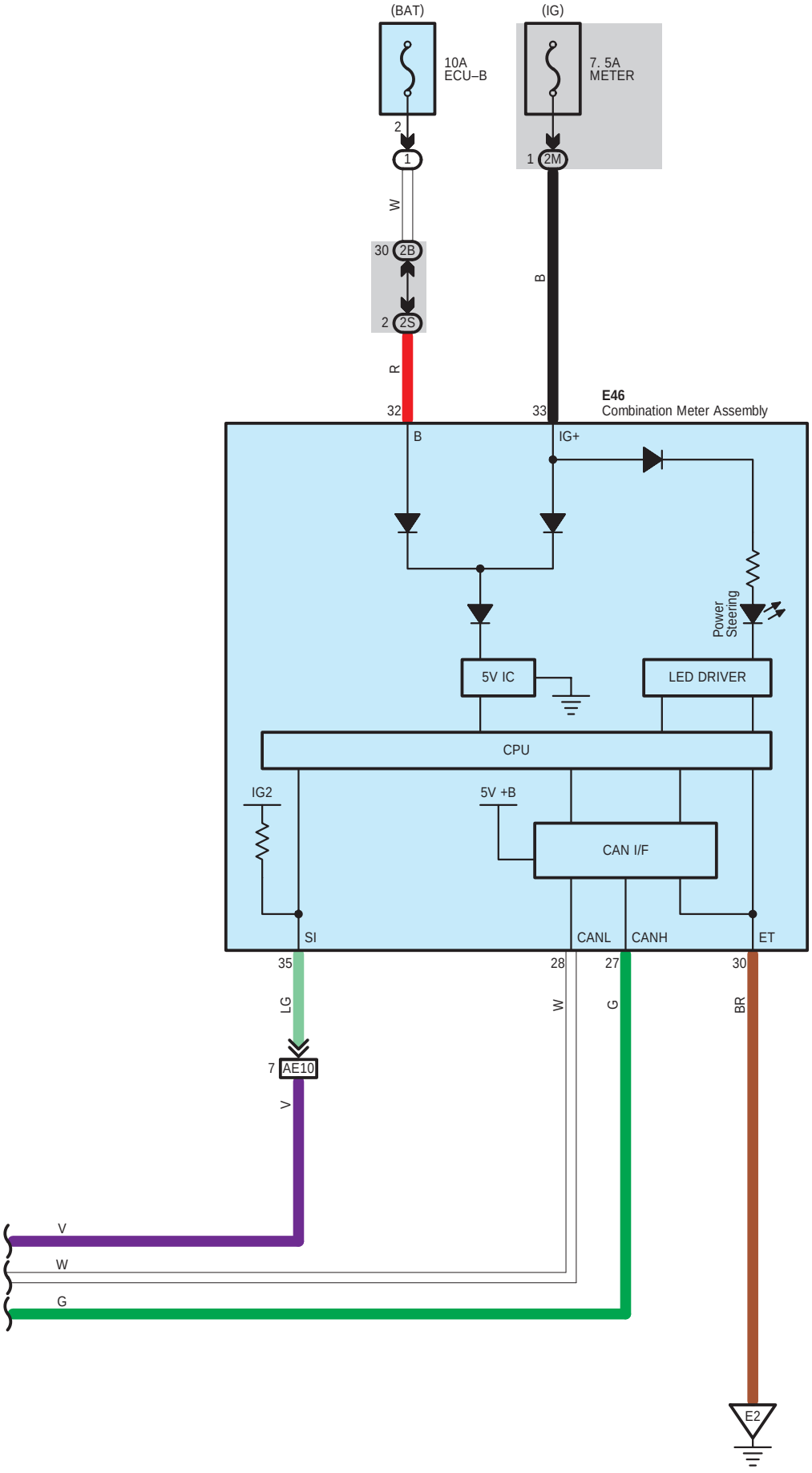


* 3 : 2ZR–FE
* 4 : 2AZ–FE

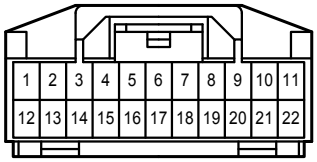

E11
DLC3
CANH
CANL
6
14
LG
W
2
13
E71
Junction Connector
3
14
4
15
17
6
SB
W
G
W
W
B
25 AE10
9 AE10
SB
W
W
B
B
W
W
G

∗ 1 : w/o VSC
∗ 2 : w/ VSC
∗ 3 : 2ZR–FE
∗ 4 : 2AZ–FE

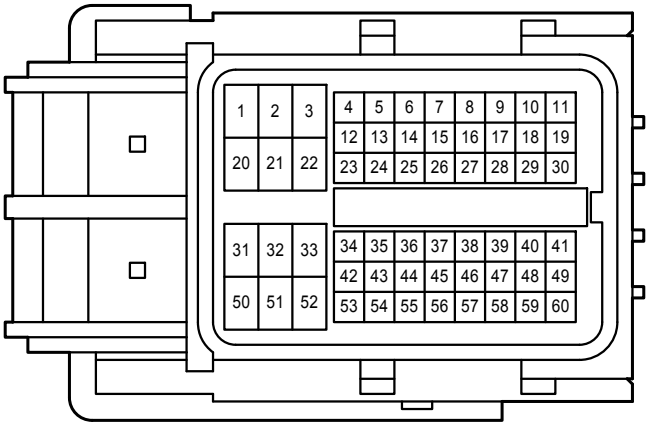



(BAT)
(IG)
10A
ECU–B
7. 5A
METER
2
1
1
2M
W
30
2B
2
2S
B
R
32
33
E46
Combination Meter Assembly
B
IG+
Power
Steering
5V IC
LED DRIVER
CPU
IG2
5V +B
CAN I/F
SI
CANL
CANH
ET
35
28
27
30
LG
W
G
BR
7
AE10
V
V
W
G
E2

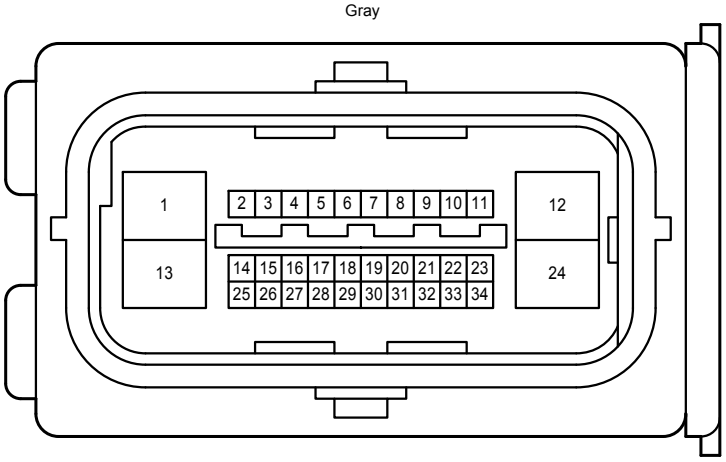
A 47
White



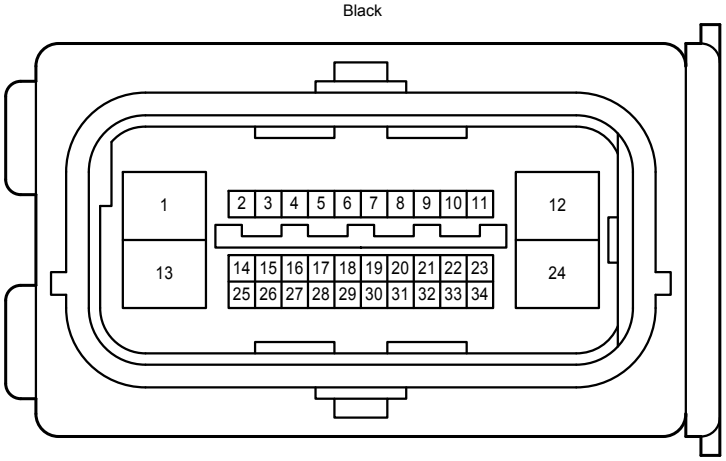
A 50
Black



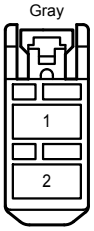
A 51
Gray



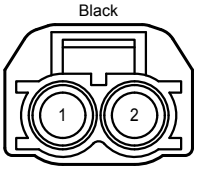
A 66
Black



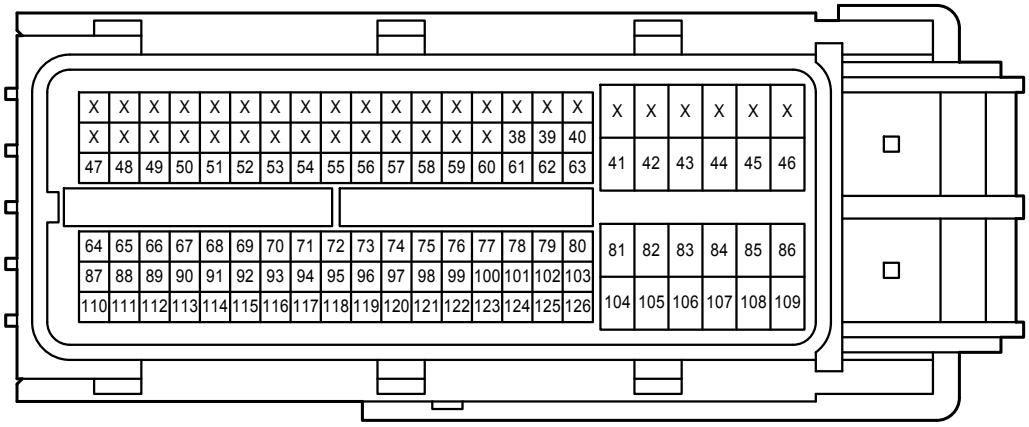
A 75
Gray



B 13
Black

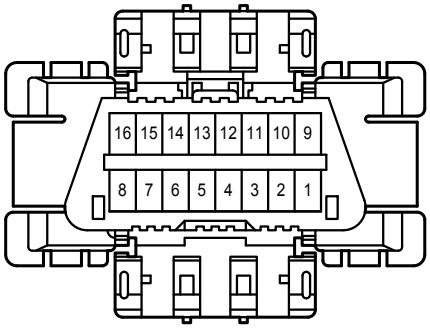


B 31
Black

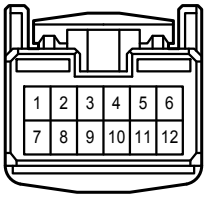


B 65
Gray

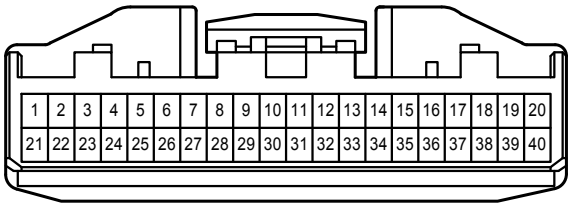
E 11
White



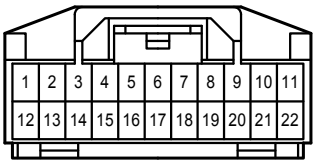
E 32
White



E 46
White



E 71
White



a 1
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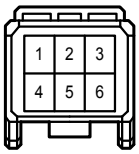
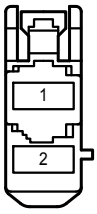
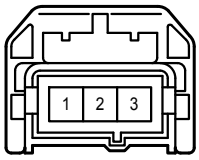


a 2
White



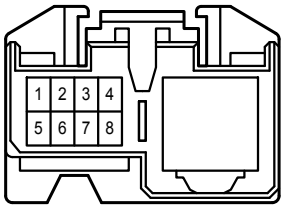
(2ZR-FE)

a 2
White



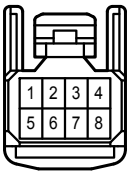
(2AZ-FE)

a 3
White



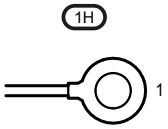
(2AZ-FE)

a 3
Black

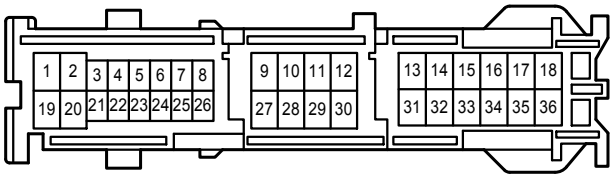


(2ZR-FE)

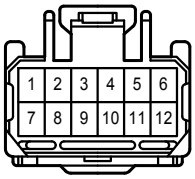
1H



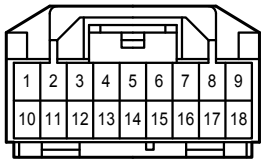
2B
White

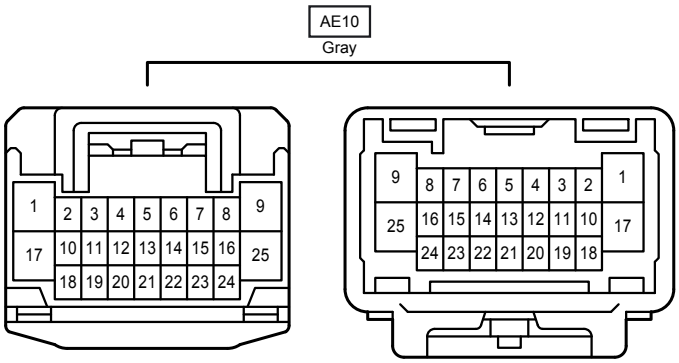


2M
White



2S
White




AE10
Gray
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
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24
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5
4
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16
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22
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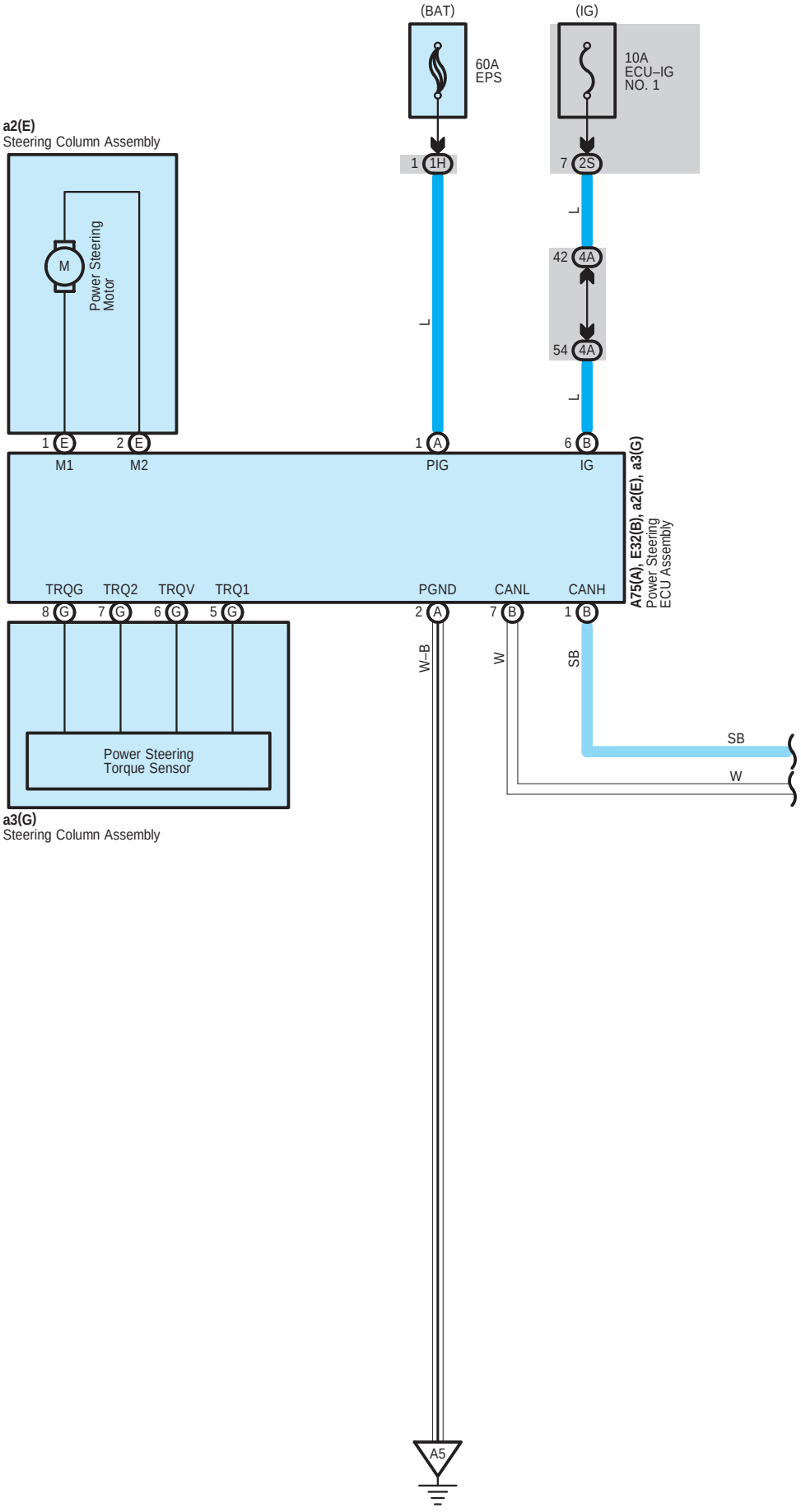
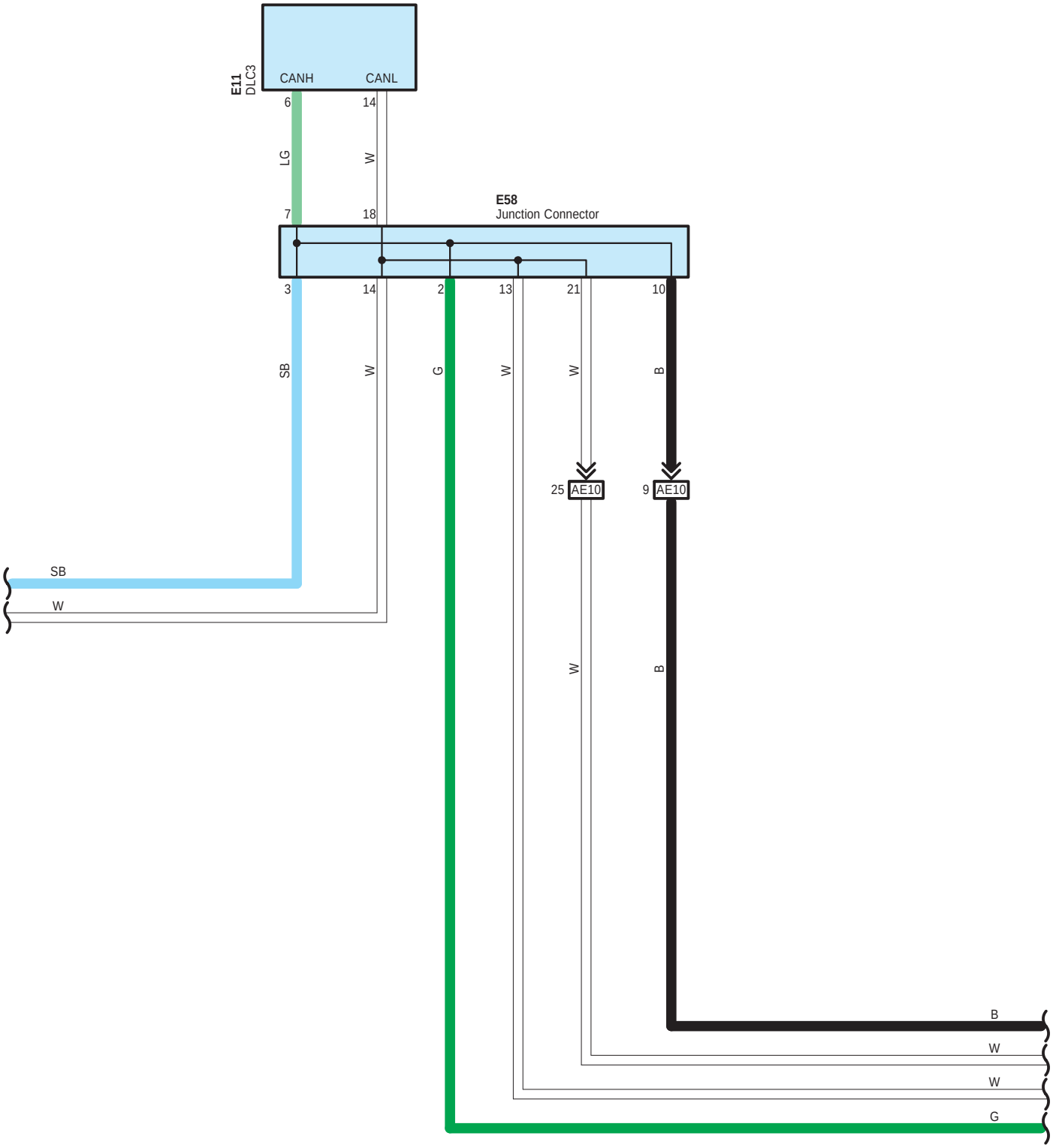
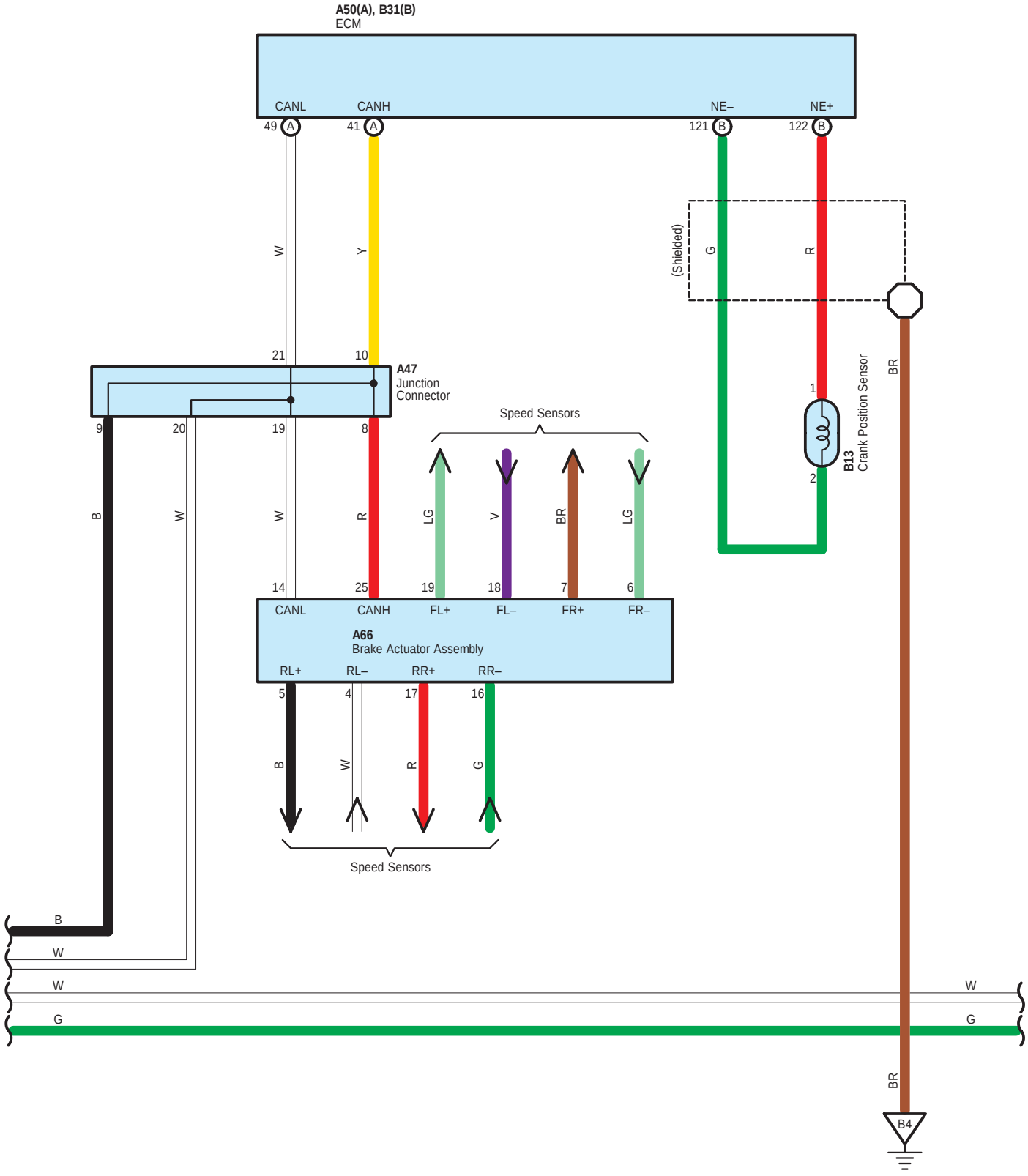
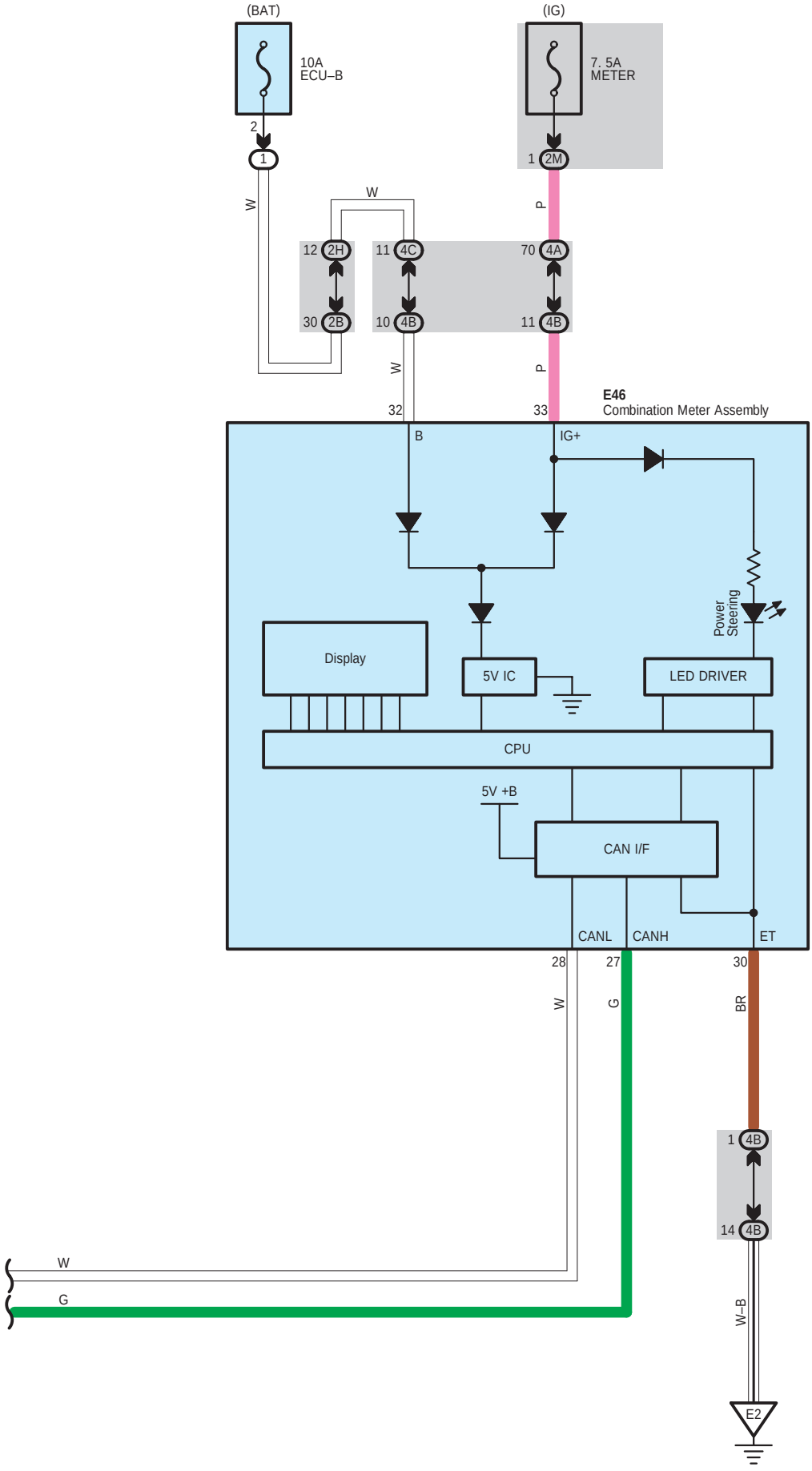
19
18

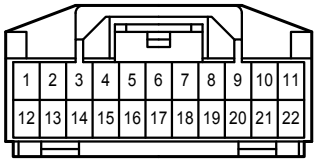

(BAT)
(IG)
60A
EPS
10A
ECU–IG
NO. 1
a2(E)
Steering Column Assembly
M
Power Steering
Motor
1 1H
7 2S
L
42 4A
54 4A
L
L
1 E
2 E
M1
M2
1 A
PIG
6 B
IG
A75(A), E32(B), a2(E), a3(G)
Power Steering
ECU Assembly
TRQG
TRQ2
TRQV
TRQ1
PGND
CANL
CANH
8 G
7 G
6 G
5 G
2 A
7 B
1 B
W–B
W
SB
SB
W
Power Steering
Torque Sensor
a3(G)
Steering Column Assembly
A5


E11
DLC3
CANH
CANL
6
14
LG
W
7
18
E58
Junction Connector
3
14
2
13
21
10
SB
W
G
W
W
B
25 AE10
9 AE10
SB
W
W
B
B
W
W
G

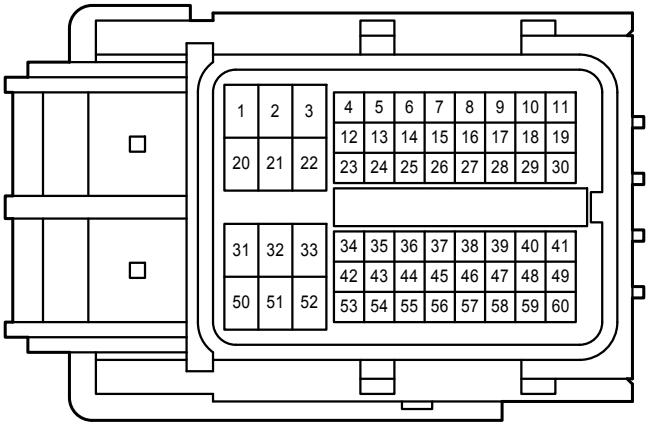

A50(A), B31(B)
ECM
CANL
CANH
NE–
NE+
49 A
41 A
121 B
122 B
(Shielded)
G
R
W
Y
21
10
A47
Junction
Connector
9
20
19
8
Speed Sensors
B
W
W
R
LG
V
BR
LG
14
25
19
18
7
6
CANL
CANH
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
RL+
RL–
RR+
RR–
5
4
17
16
B
W
R
G
Speed Sensors
1
2
B13
Crank Position Sensor
BR
B
W
W
G
W
G
BR
B4


(BAT)
10A
ECU–B
2
1
W
(IG)
7. 5A
METER
1 2M
P
W
12 2H
30 2B
11 4C
10 4B
70 4A
11 4B
W
P
32
33
E46
Combination Meter Assembly
B
IG+
Power
Steering
Display
5V IC
LED DRIVER
CPU
5V +B
CAN I/F
CANL
CANH
ET
28
27
30
W
G
BR
1 4B
14 4B
W
G
W–B
E2

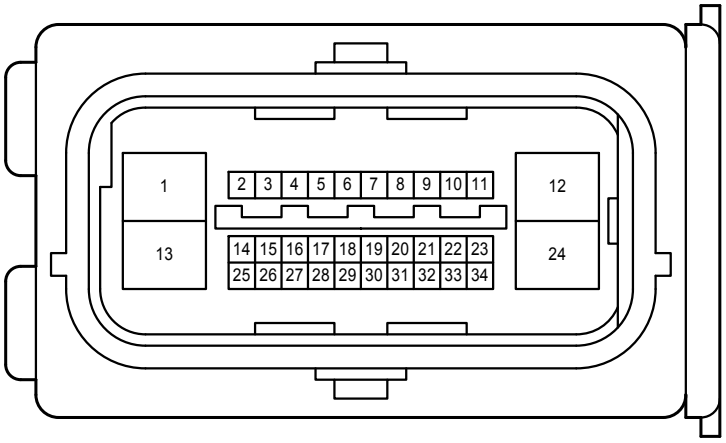
A 47
White



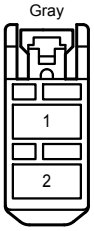
A 50
Black



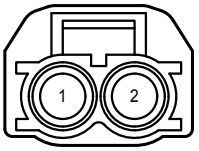
A 66
Black



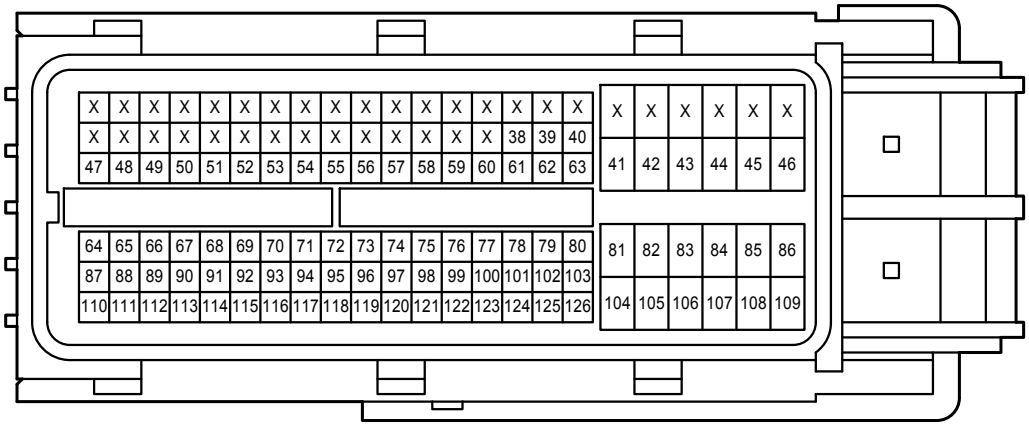
A 75
Gray



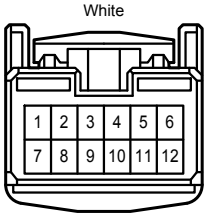
B 13
Black



B 31
Black



E 32
White



E 46
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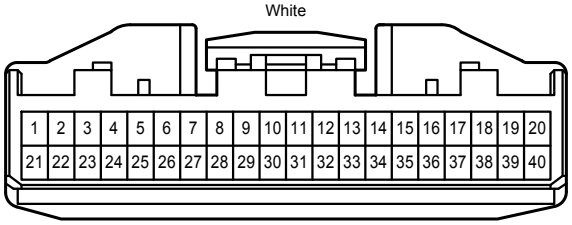
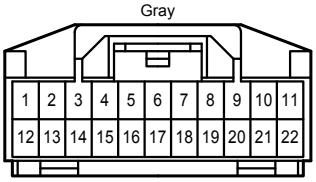
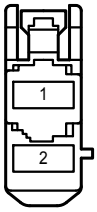


E 58
Gray

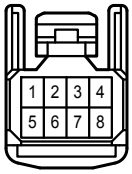


a 2
White



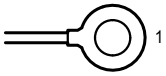
(2ZR-FE)

a 3
Black

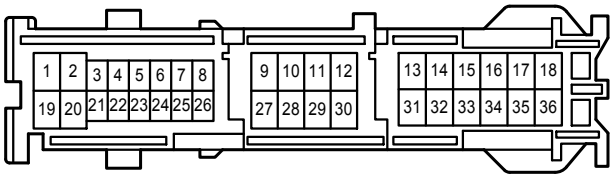


(2ZR-FE)

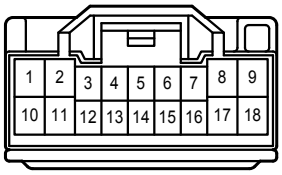
1H



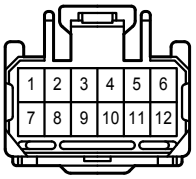
2B
White



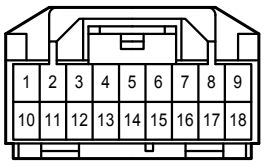
2H
White



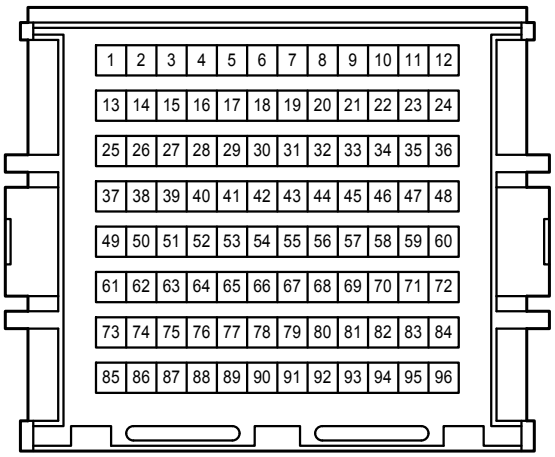
2M
White



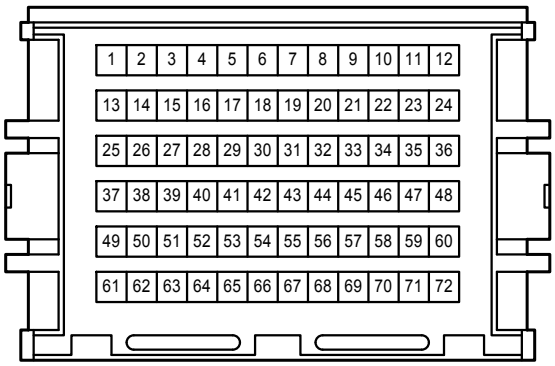
2S
White



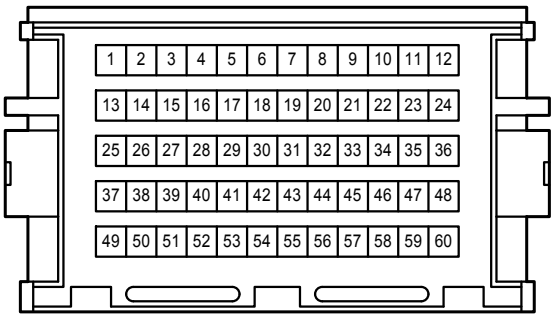
4A
White

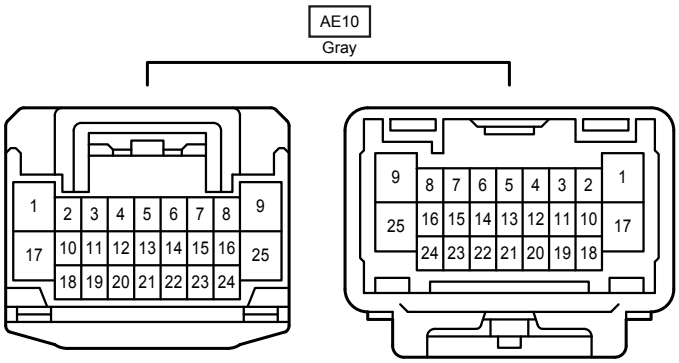


4B
White



4C
White




AE10
Gray
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
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24
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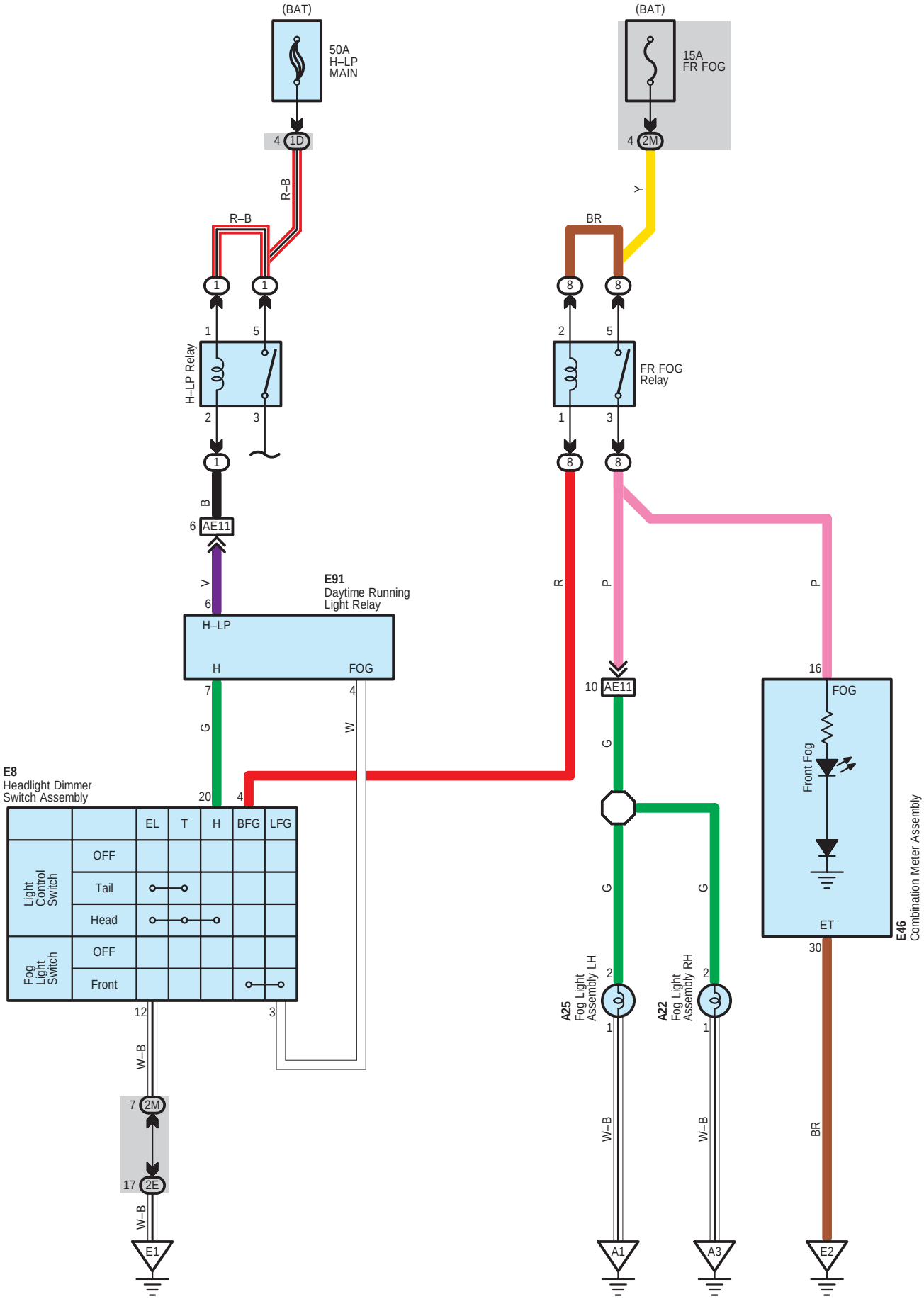
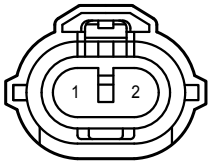
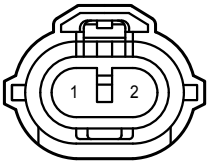
21
20
19
18


(BAT)
50A
H–LP
MAIN
4 1D
R–B
R–B
1
1
1
5
H–LP Relay
2
3
1
B
6 AE11
V
6
E91
Daytime Running
Light Relay
H–LP
H
FOG
7
4
G
W
E8
Headlight Dimmer
Switch Assembly
20
4
EL
T
H
BFG
LFG
Light Control Switch
OFF
Tail
Head
Fog Light Switch
OFF
Front
12
3
W–B
7 2M
17 2E
W–B
E1
(BAT)
15A
FR FOG
4 2M
Y
BR
8
8
2
5
FR FOG
Relay
1
3
8
8
R
P
P
10 AE11
G
G
G
A25
Fog Light
Assembly LH
2
1
W–B
A22
Fog Light
Assembly RH
2
1
W–B
A1
A3
16
FOG
Front Fog
ET
30
E46
Combination Meter Assembly
BR
E2

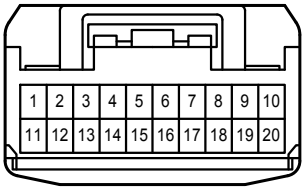
A 22
Black



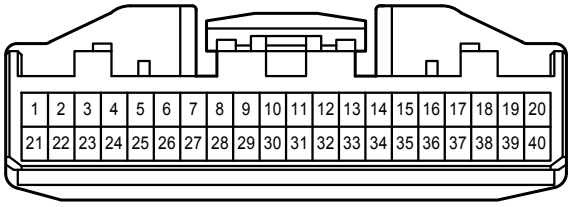
A 25
Black



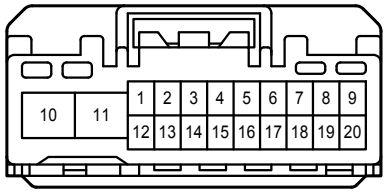
E 8
White



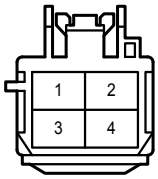
E 46
White



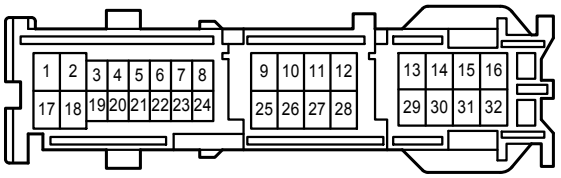
E 91
White



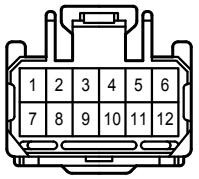
1D
White



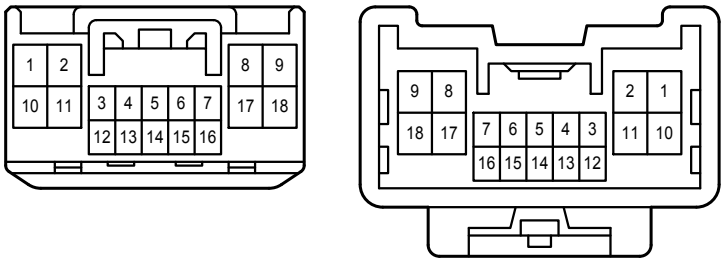
2E
White

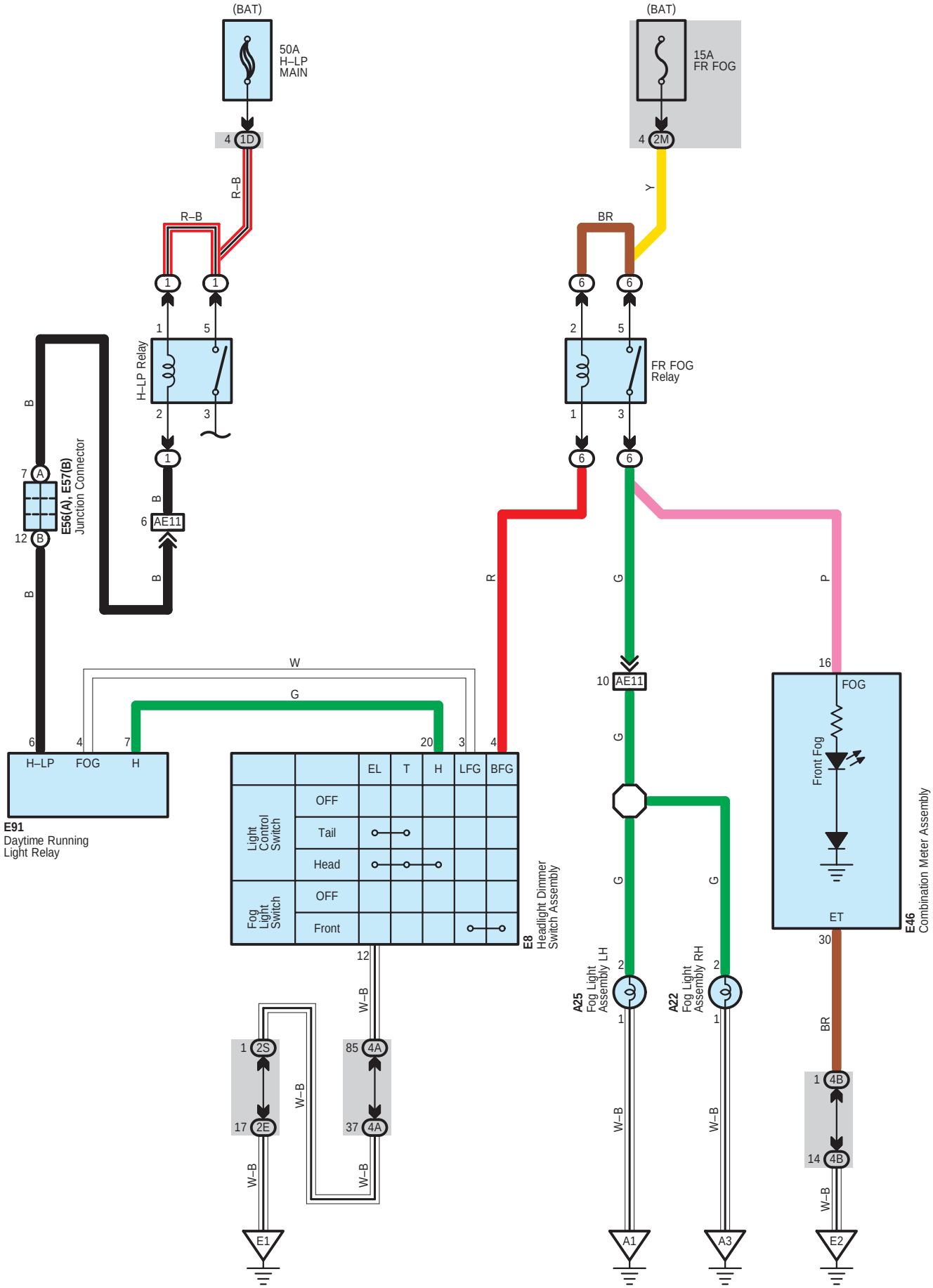


2M
White

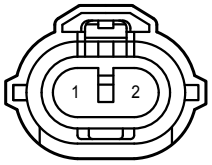


AE11
White

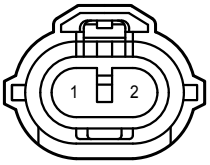



(BAT)
50A
H–LP
MAIN
4 1D
R–B
R–B
1
1
1
5
H–LP Relay
2
3
1
B
B
6 AE11
B
B
7 A
12 B
E56(A), E57(B)
Junction Connector
W
G
6
4
7
H–LP
FOG
H
E91
Daytime Running
Light Relay
20
3
4
EL
T
H
LFG
BFG
Light Control Switch
OFF
Tail
Head
Fog Light Switch
OFF
Front
E8
Headlight Dimmer
Switch Assembly
12
W–B
1 2S
17 2E
W–B
W–B
85 4A
37 4A
W–B
E1
(BAT)
15A
FR FOG
4 2M
Y
BR
6
6
2
5
FR FOG
Relay
1
3
6
6
R
G
P
10 AE11
G
G
G
A25
Fog Light
Assembly LH
2
1
W–B
A1
A22
Fog Light
Assembly RH
2
1
W–B
A3
16
FOG
Front Fog
ET
E46
Combination Meter Assembly
30
BR
1 4B
14 4B
W–B
E2

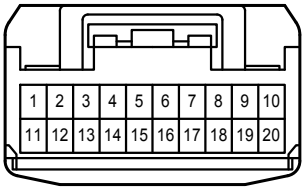
A 22
Black



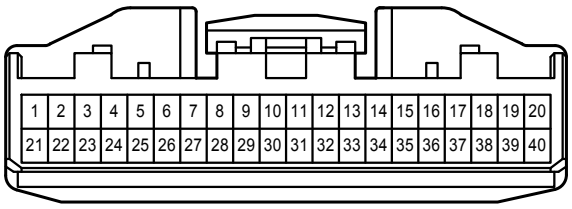
A 25
Black



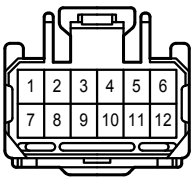
E 8
White



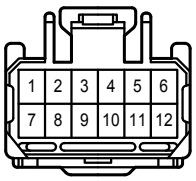
E 46
White



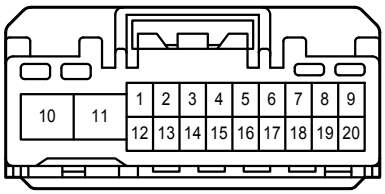
E 56
White



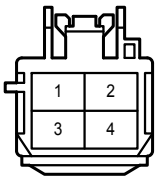
E 57
White



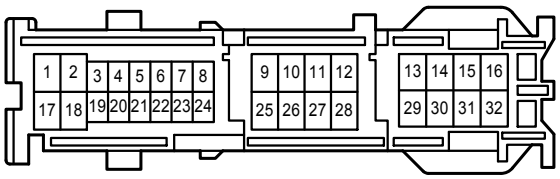
E 91
White



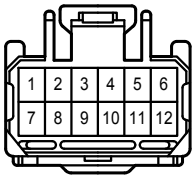
1D
White



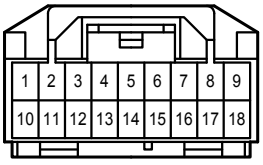
2E
White



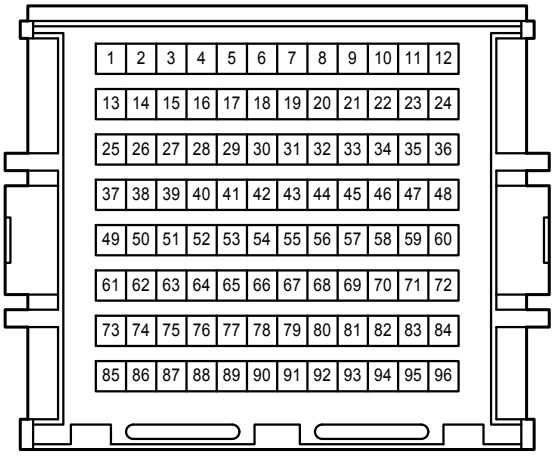
2M
White



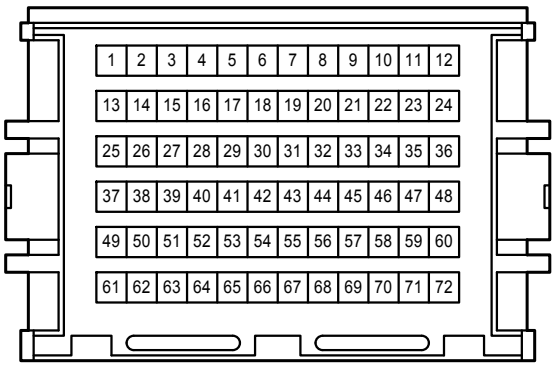
2S
White

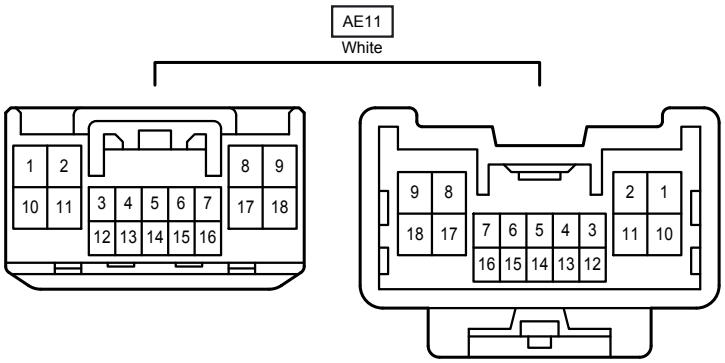


4A
White

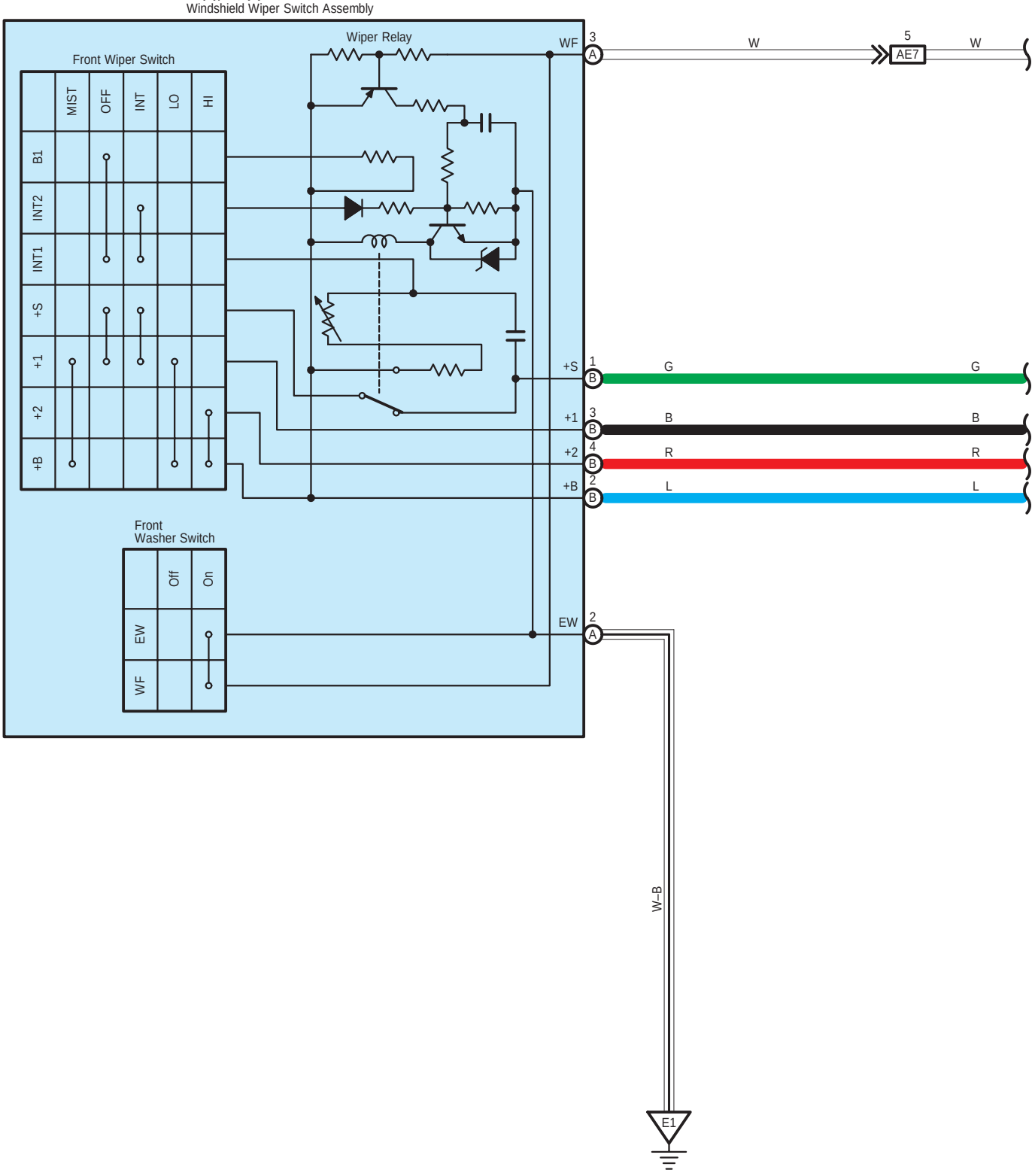


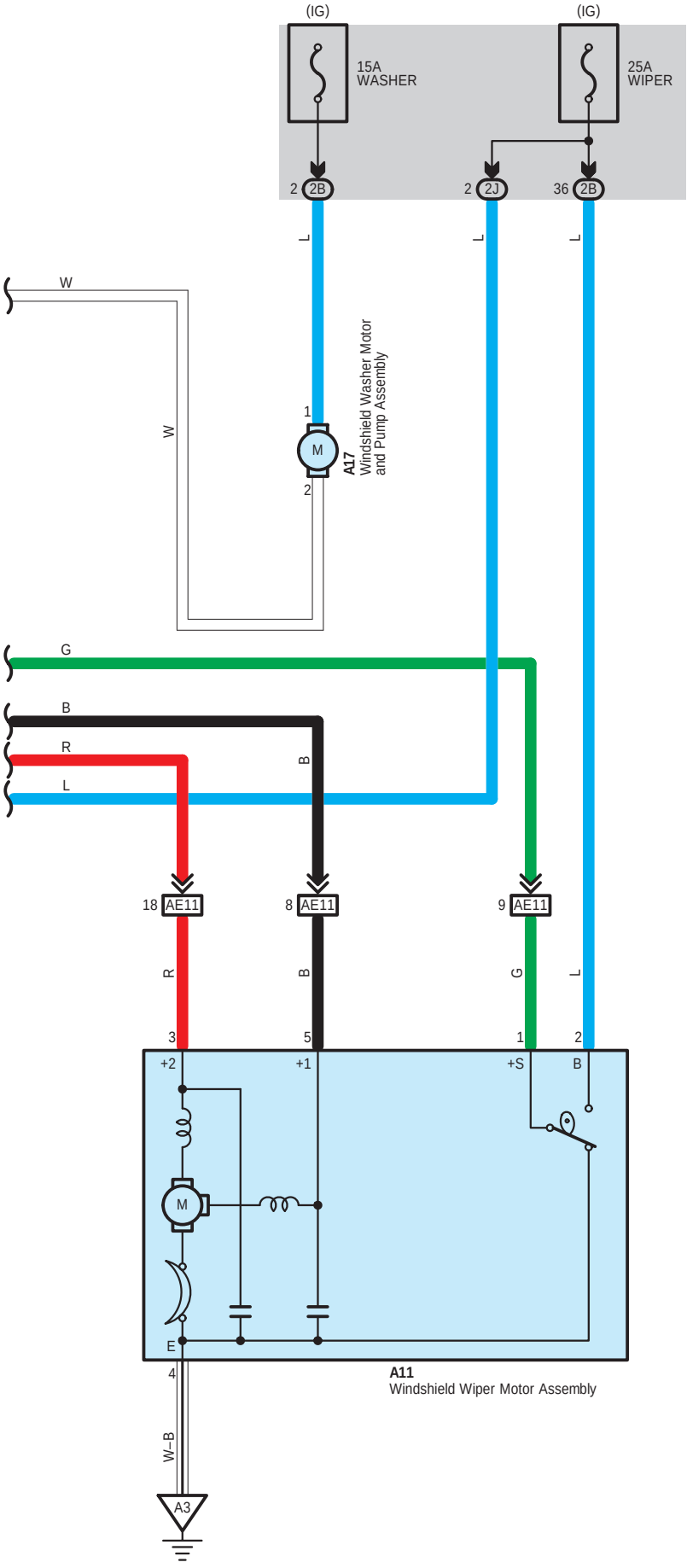
4B
White




AE11
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

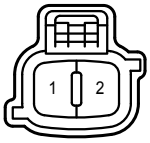
E9(A), E10(B)
Windshield Wiper Switch Assembly



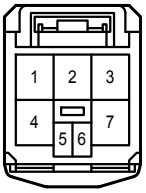

(IG)
(IG)
15A
WASHER
25A
WIPER
2 2B
2 2J
36 2B
L
L
L
W
W
1
M
2
A17
Windshield Washer Motor
and Pump Assembly
G
B
R
L
B
18 AE11
8 AE11
9 AE11
R
B
G
L
3
5
1
2
+2
+1
+S
B
M
E
4
A11
Windshield Wiper Motor Assembly
W–B
A3

A 11
White

A 17
White

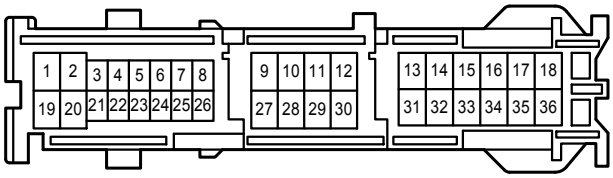


E 9
White

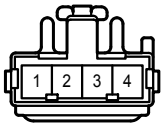


E 10
White

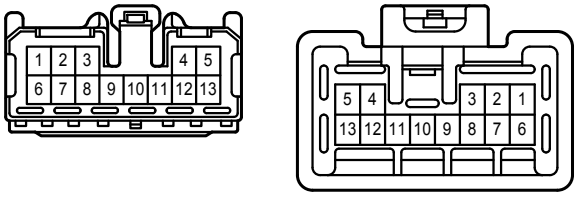
2B
White



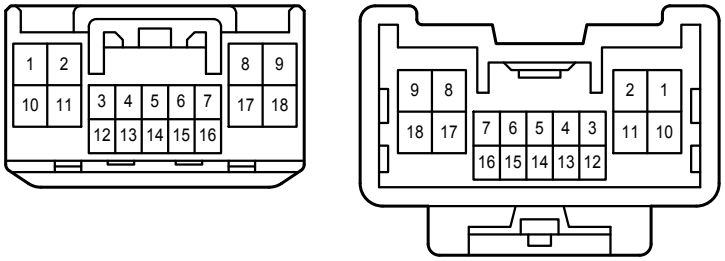
2J
White

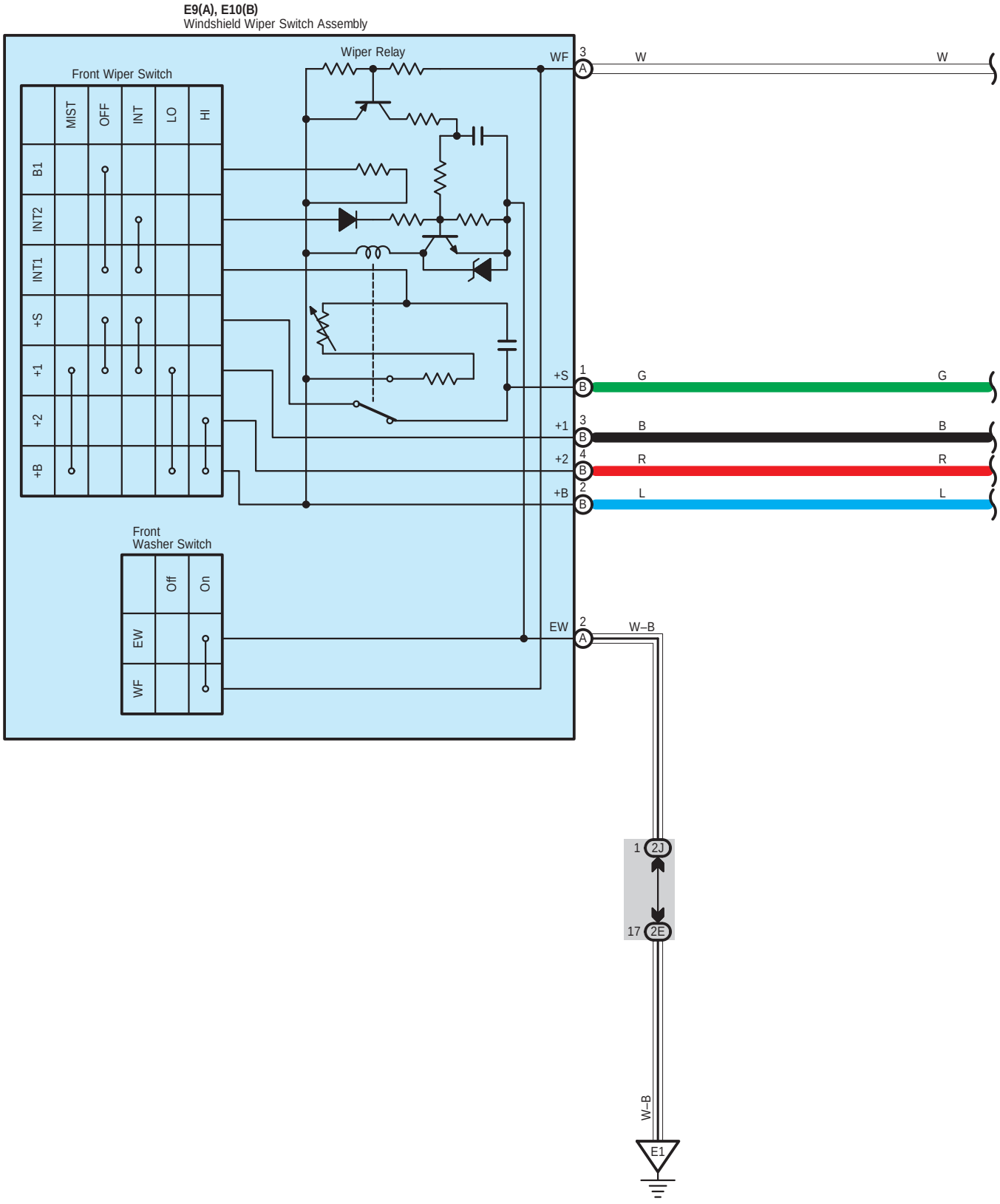


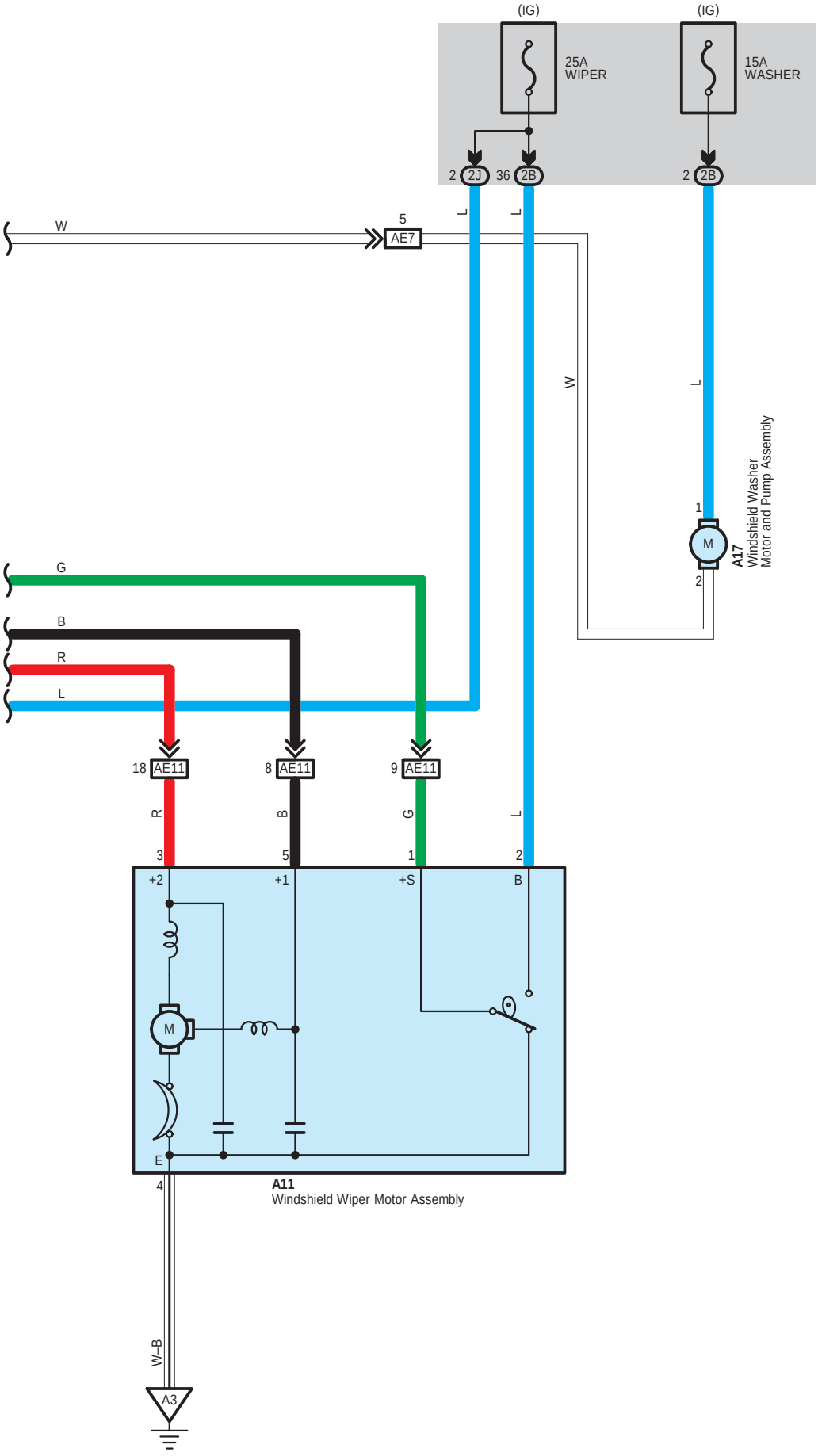
AE7
Blue



AE11
White

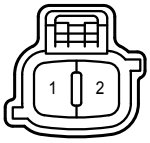



E9(A), E10(B)
Windshield Wiper Switch Assembly
Wiper Relay
Front Wiper Switch
MIST
OFF
INT
LO
HI
B1
INT2
INT1
+S
+1
+2
+B
Front
Washer Switch
Off
On
EW
WF
WF
3
A
W
W
+S
1
B
G
G
+1
3
B
B
B
+2
4
B
R
R
+B
2
B
L
L
EW
2
A
W–B
1
2J
17
2E
W–B
E1

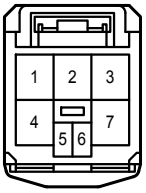

(IG)
(IG)
25A
WIPER
15A
WASHER
2 2J
36 2B
2 2B
W
5
AE7
L
L
W
L
1
M
2
A17
Windshield Washer
Motor and Pump Assembly
G
B
R
L
18 AE11
8 AE11
9 AE11
R
B
G
L
3
5
1
2
+2
+1
+S
B
M
E
4
A11
Windshield Wiper Motor Assembly
W–B
A3

A 11
White

A 17
White

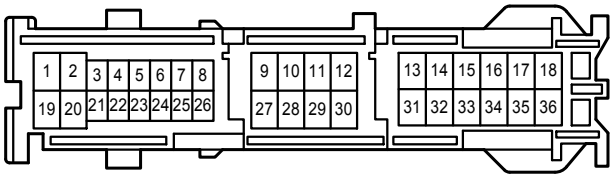


E 9
White

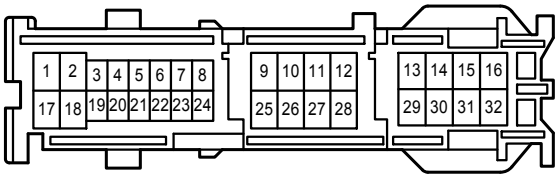


E 10
White

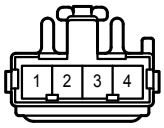
2B
White



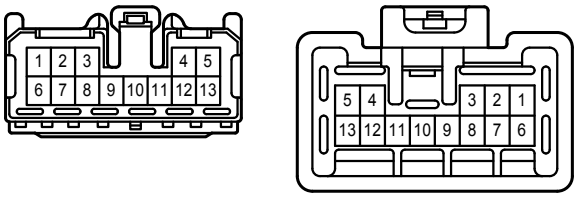
2E
White



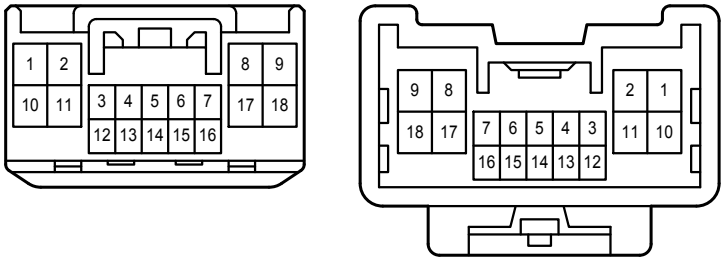
2J
White

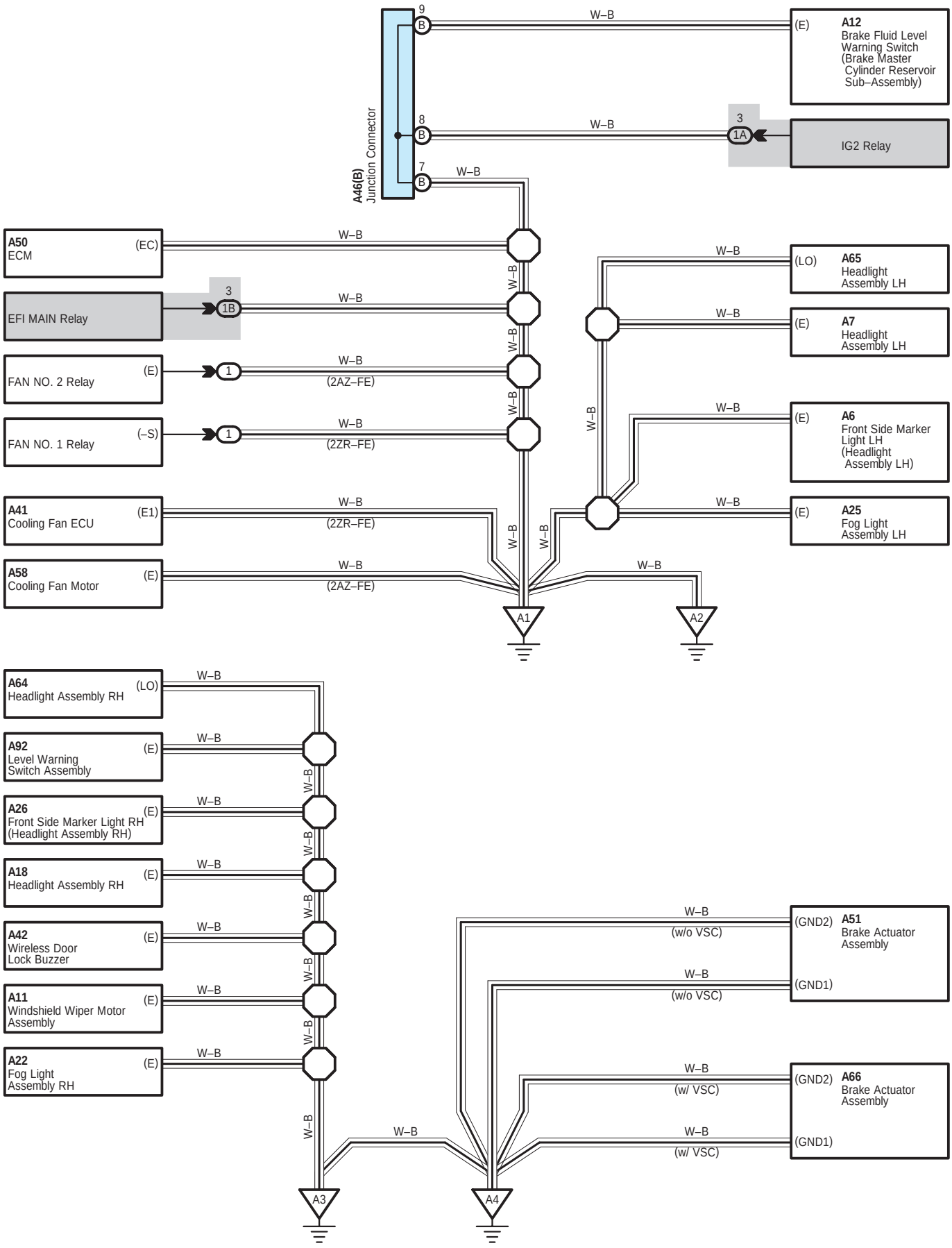


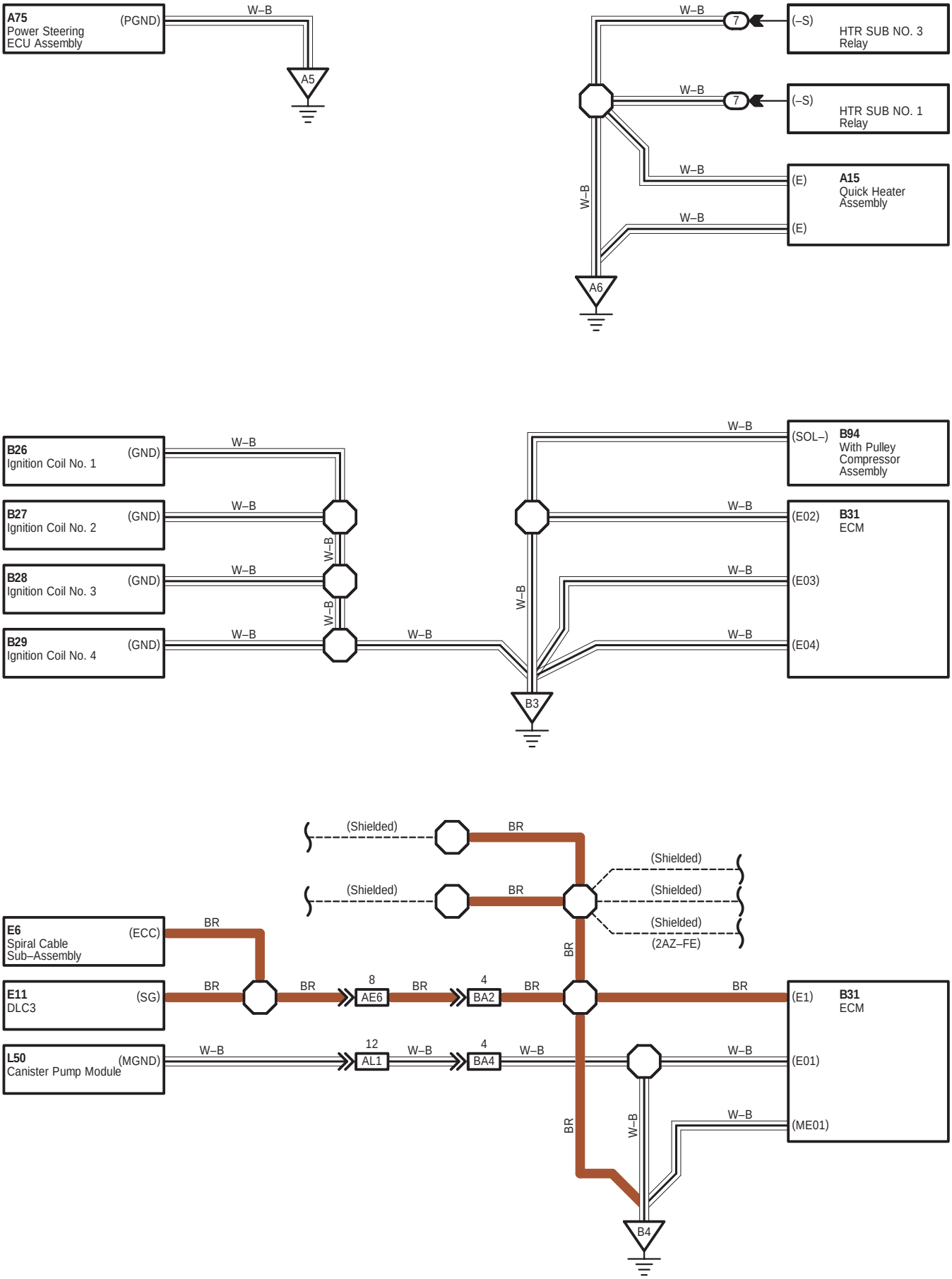
AE7
Blue

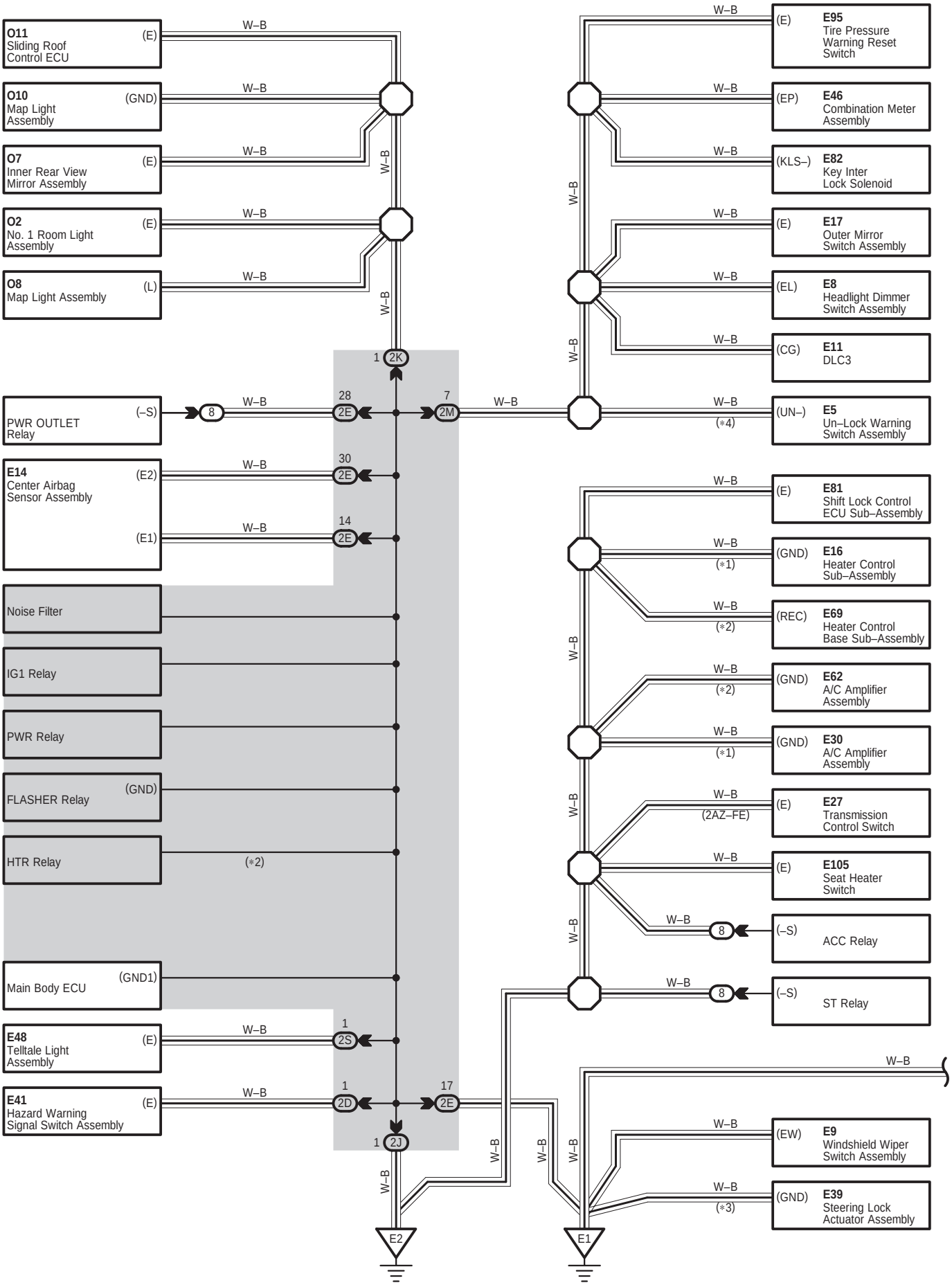


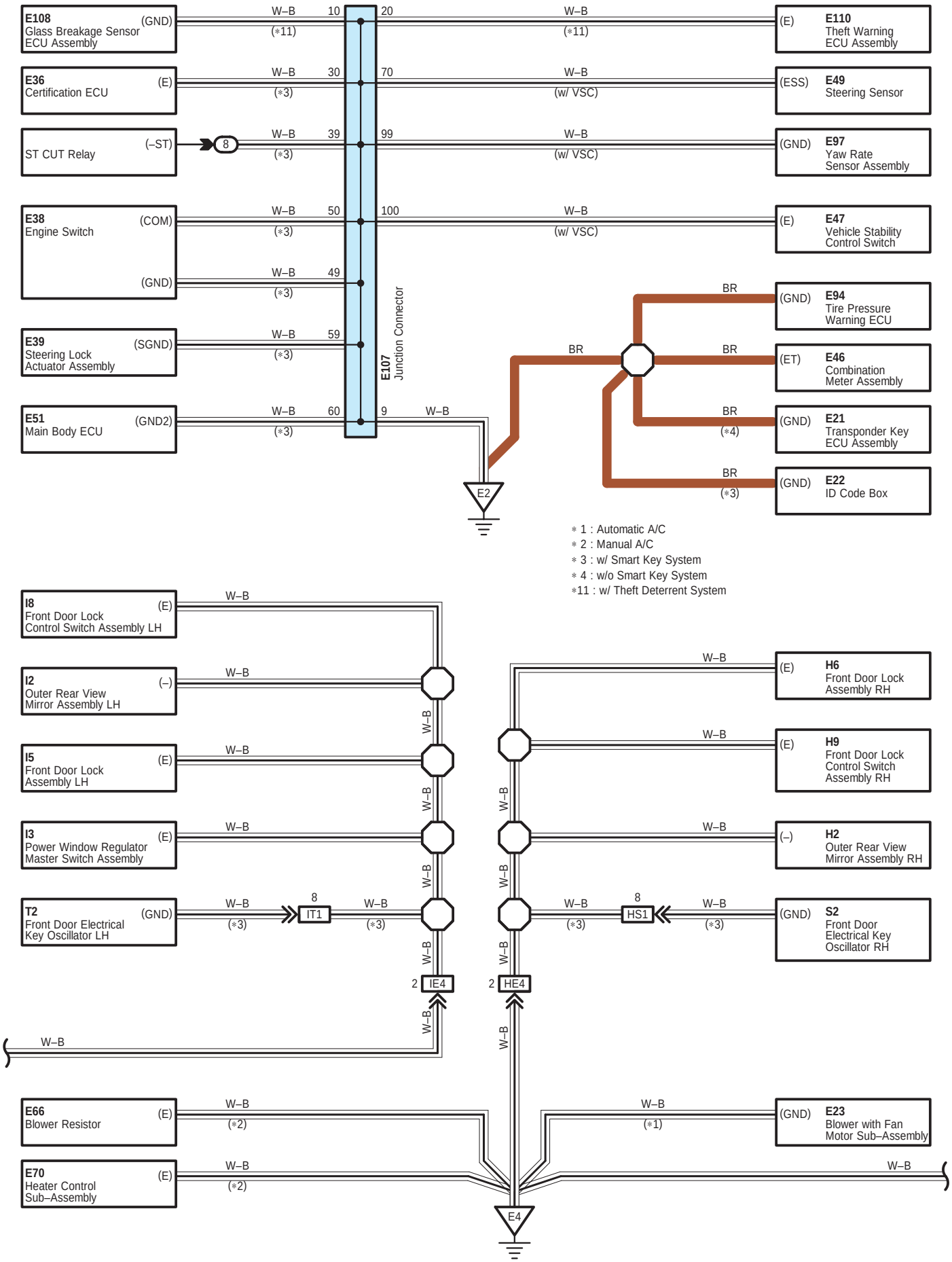
AE11
White

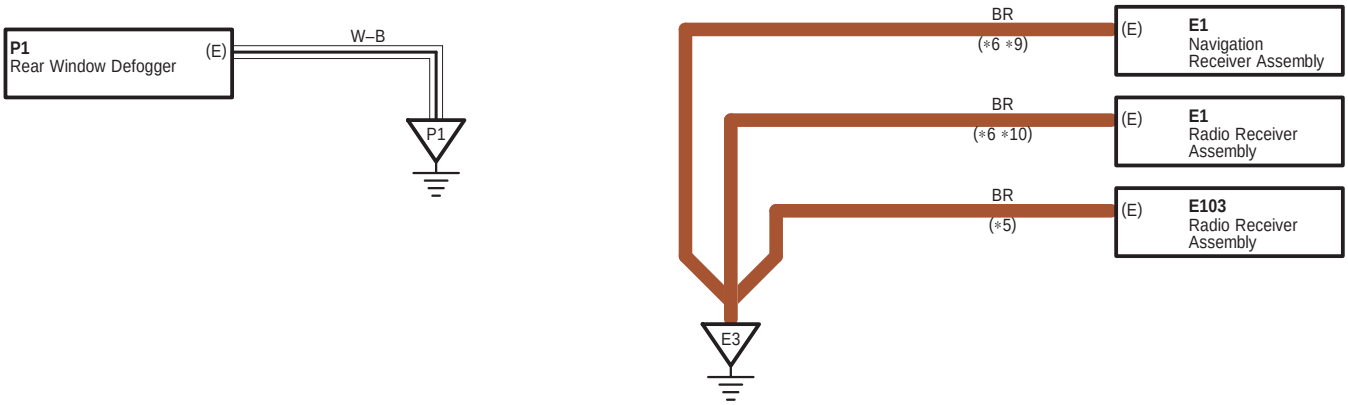



A46(B) Junction Connector
9
B
8
B
7
B
W–B
(E)
A12
Brake Fluid Level Warning Switch (Brake Master Cylinder Reservoir Sub–Assembly)
3
1A
IG2 Relay
A50
ECM
(EC)
EFI MAIN Relay
3
1B
FAN NO. 2 Relay
(E)
1
(2AZ–FE)
FAN NO. 1 Relay
(–S)
1
(2ZR–FE)
A41
Cooling Fan ECU
(E1)
(2ZR–FE)
A58
Cooling Fan Motor
(E)
(2AZ–FE)
(LO)
A65
Headlight Assembly LH
(E)
A7
Headlight Assembly LH
(E)
A6
Front Side Marker Light LH (Headlight Assembly LH)
(E)
A25
Fog Light Assembly LH
A1
A2
A64
Headlight Assembly RH
(LO)
A92
Level Warning Switch Assembly
(E)
A26
Front Side Marker Light RH (Headlight Assembly RH)
(E)
A18
Headlight Assembly RH
(E)
A42
Wireless Door Lock Buzzer
(E)
A11
Windshield Wiper Motor Assembly
(E)
A22
Fog Light Assembly RH
(E)
A3
A4
(GND2)
A51
Brake Actuator Assembly
(GND1)
(w/o VSC)
(GND2)
A66
Brake Actuator Assembly
(GND1)
(w/ VSC)

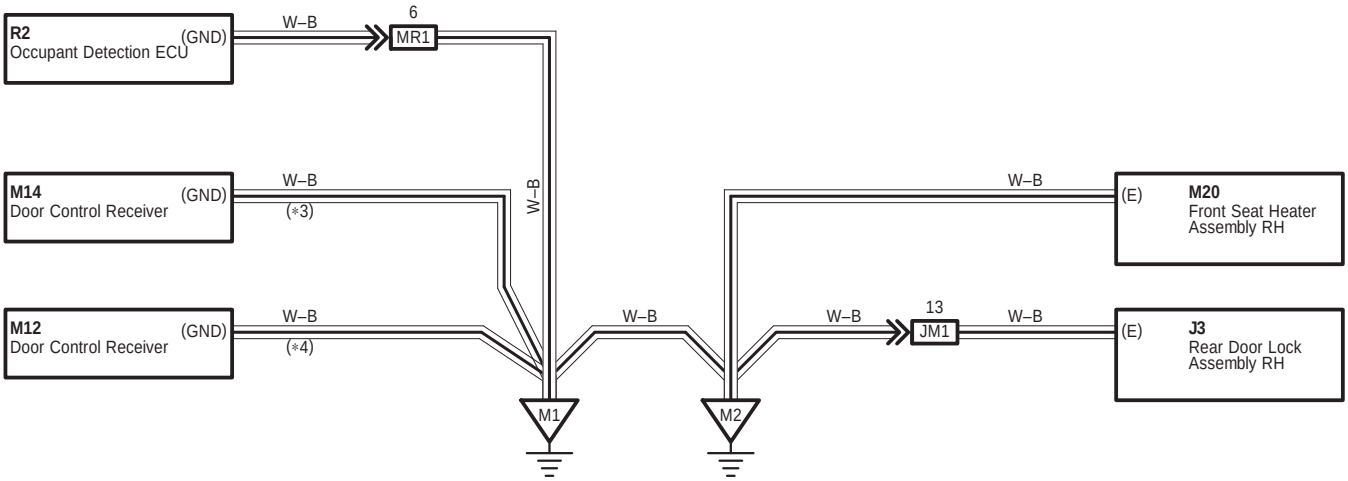

A75
Power Steering
ECU Assembly
(PGND)
W–B
A5
W–B
7
(–S)
HTR SUB NO. 3
Relay
W–B
7
(–S)
HTR SUB NO. 1
Relay
W–B
(E)
A15
Quick Heater
Assembly
W–B
(E)
W–B
A6
B26
Ignition Coil No. 1
(GND)
B27
Ignition Coil No. 2
(GND)
B28
Ignition Coil No. 3
(GND)
B29
Ignition Coil No. 4
(GND)
W–B
W–B
W–B
B3
W–B
(SOL–)
B94
With Pulley
Compressor
Assembly
W–B
(E02)
B31
ECM
W–B
(E03)
W–B
(E04)
(Shielded)
BR
(Shielded)
BR
(Shielded)
(Shielded)
(Shielded)
(2AZ–FE)
E6
Spiral Cable
Sub–Assembly
(ECC)
E11
DLC3
(SG)
L50
Canister Pump Module
(MGND)
BR
BR
BR
8
AE6
BR
4
BA2
BR
BR
12
AL1
W–B
4
BA4
W–B
W–B
B4
(E1)
B31
ECM
W–B
(E01)
W–B
(ME01)

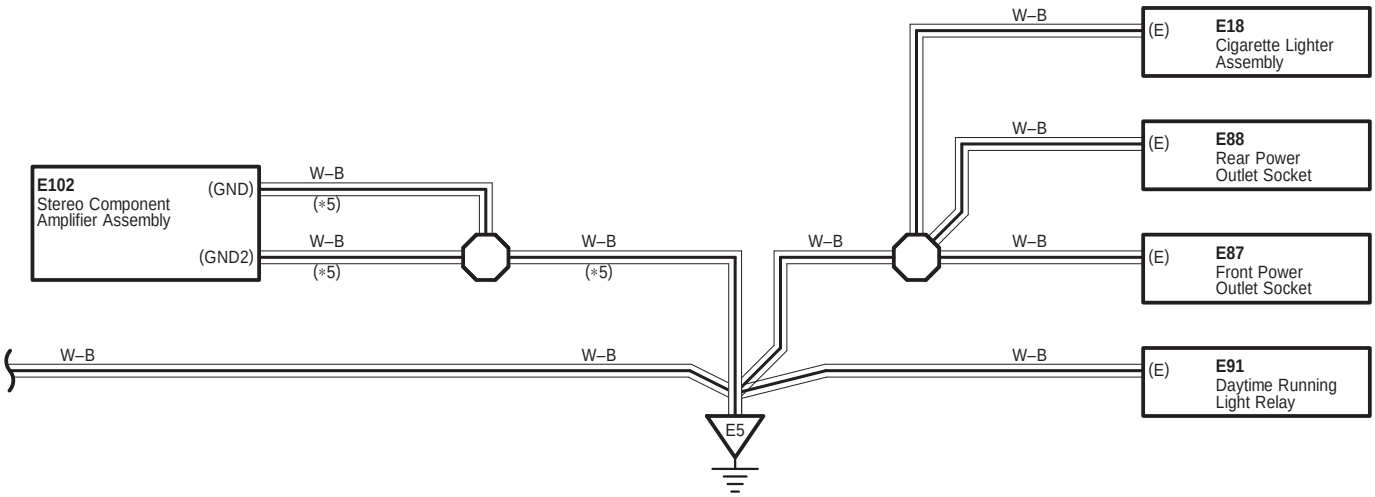

O11 Sliding Roof Control ECU (E)
O10 Map Light Assembly (GND)
O7 Inner Rear View Mirror Assembly (E)
O2 No. 1 Room Light Assembly (E)
O8 Map Light Assembly (L)
PWR OUTLET Relay (–S)
E14 Center Airbag Sensor Assembly (E2) (E1)
Noise Filter
IG1 Relay
PWR Relay
FLASHER Relay (GND)
HTR Relay (*2)
Main Body ECU (GND1)
E48 Telltale Light Assembly (E)
E41 Hazard Warning Signal Switch Assembly (E)
W–B
1 2K
28 2E
7 2M
30 2E
14 2E
1 2S
1 2D
17 2E
1 2J
8
E2
E1
E95 Tire Pressure Warning Reset Switch (E)
E46 Combination Meter Assembly (EP)
E82 Key Inter Lock Solenoid (KLS–)
E17 Outer Mirror Switch Assembly (E)
E8 Headlight Dimmer Switch Assembly (EL)
E11 DLC3 (CG)
E5 Un–Lock Warning Switch Assembly (UN–) (*4)
E81 Shift Lock Control ECU Sub–Assembly (E)
E16 Heater Control Sub–Assembly (GND) (*1)
E69 Heater Control Base Sub–Assembly (REC) (*2)
E62 A/C Amplifier Assembly (GND) (*2)
E30 A/C Amplifier Assembly (GND) (*1)
E27 Transmission Control Switch (E) (2AZ–FE)
E105 Seat Heater Switch (E)
ACC Relay (–S)
ST Relay (–S)
E9 Windshield Wiper Switch Assembly (EW)
E39 Steering Lock Actuator Assembly (GND) (*3)

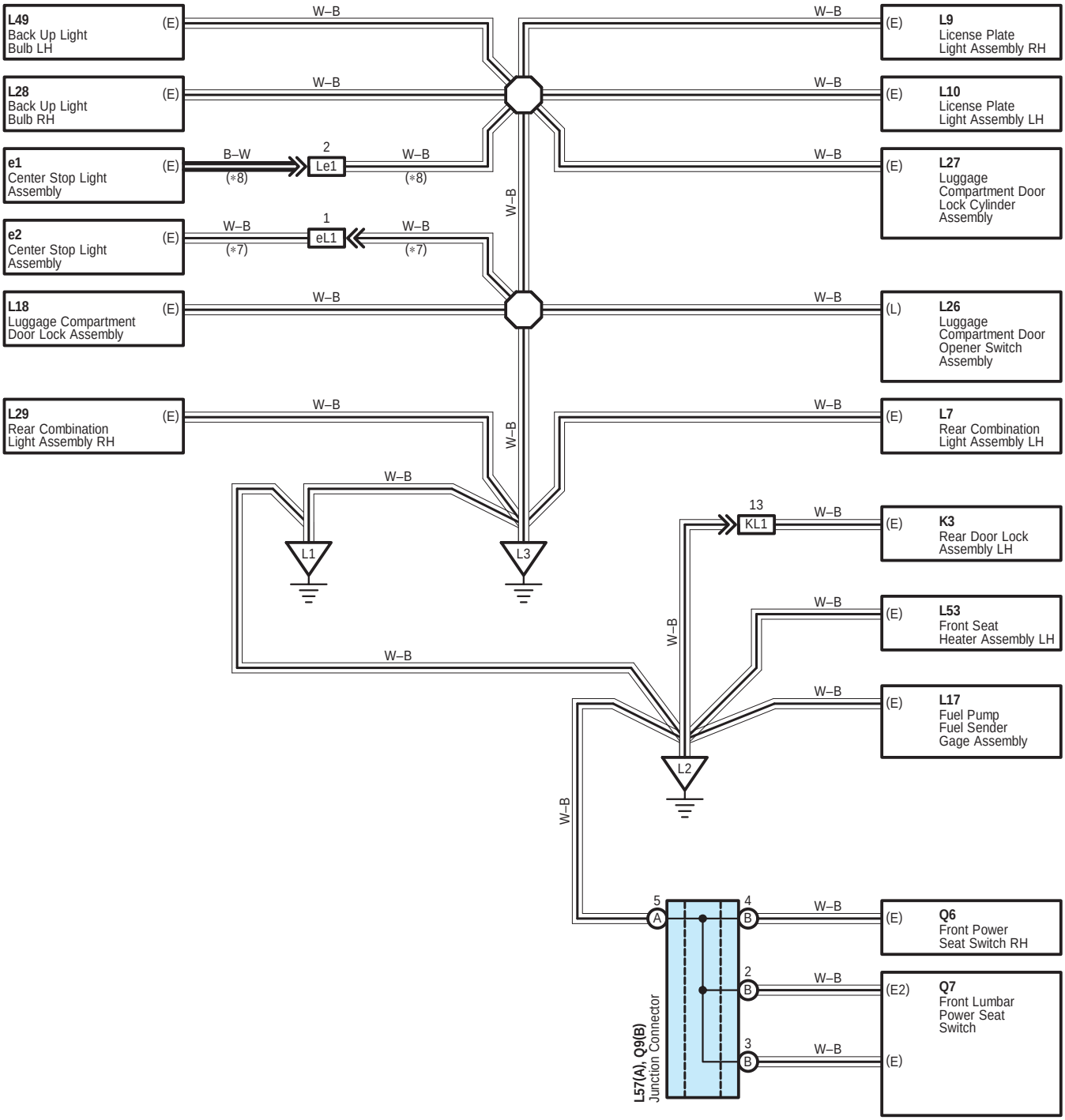

E108 (GND) Glass Breakage Sensor ECU Assembly
E36 (E) Certification ECU
(–ST) ST CUT Relay
E38 (COM) Engine Switch
(GND)
E39 (SGND) Steering Lock Actuator Assembly
E51 (GND2) Main Body ECU
E107 Junction Connector
E2
E110 (E) Theft Warning ECU Assembly
E49 (ESS) Steering Sensor
E97 (GND) Yaw Rate Sensor Assembly
E47 (E) Vehicle Stability Control Switch
E94 (GND) Tire Pressure Warning ECU
E46 (ET) Combination Meter Assembly
E21 (GND) Transponder Key ECU Assembly
E22 (GND) ID Code Box
W–B
BR
(*11)
(*3)
(w/ VSC)
(*4)
* 1 : Automatic A/C
* 2 : Manual A/C
* 3 : w/ Smart Key System
* 4 : w/o Smart Key System
*11 : w/ Theft Deterrent System
I8 (E) Front Door Lock Control Switch Assembly LH
I2 (–) Outer Rear View Mirror Assembly LH
I5 (E) Front Door Lock Assembly LH
I3 (E) Power Window Regulator Master Switch Assembly
T2 (GND) Front Door Electrical Key Oscillator LH
IT1
IE4
HE4
HS1
E4
H6 (E) Front Door Lock Assembly RH
H9 (E) Front Door Lock Control Switch Assembly RH
H2 (–) Outer Rear View Mirror Assembly RH
S2 (GND) Front Door Electrical Key Oscillator RH
E66 (E) Blower Resistor
E70 (E) Heater Control Sub–Assembly
E23 (GND) Blower with Fan Motor Sub–Assembly
(*1)
(*2)



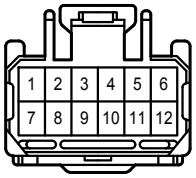
∗ 3 : w/ Smart Key System
∗ 4 : w/o Smart Key System
∗ 5 : Separate Type Amplifier
∗ 6 : Built–In Type Amplifier
∗ 7 : w/ Rear Spoiler
∗ 8 : w/o Rear Spoiler
∗ 9 : w/ Navigation System
∗10 : w/o Navigation System



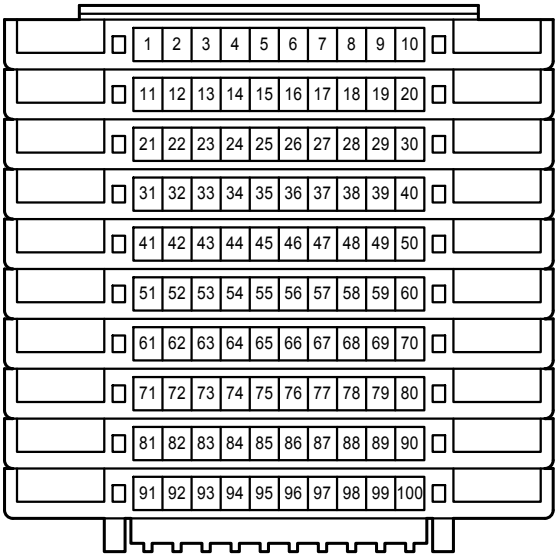



L49
Back Up Light
Bulb LH
(E)
W–B
L28
Back Up Light
Bulb RH
(E)
W–B
e1
Center Stop Light
Assembly
(E)
B–W
(*8)
2
Le1
W–B
(*8)
e2
Center Stop Light
Assembly
(E)
W–B
(*7)
1
eL1
W–B
(*7)
L18
Luggage Compartment
Door Lock Assembly
(E)
W–B
L29
Rear Combination
Light Assembly RH
(E)
W–B
W–B
W–B
W–B
L1
L3
L2
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
13
KL1
L9
License Plate
Light Assembly RH
(E)
L10
License Plate
Light Assembly LH
(E)
L27
Luggage
Compartment Door
Lock Cylinder
Assembly
(E)
L26
Luggage
Compartment Door
Opener Switch
Assembly
(L)
L7
Rear Combination
Light Assembly LH
(E)
K3
Rear Door Lock
Assembly LH
(E)
L53
Front Seat
Heater Assembly LH
(E)
L17
Fuel Pump
Fuel Sender
Gage Assembly
(E)
5
A
4
B
2
B
3
B
L57(A), Q9(B)
Junction Connector
Q6
Front Power
Seat Switch RH
(E)
Q7
Front Lumbar
Power Seat
Switch
(E2)
(E)

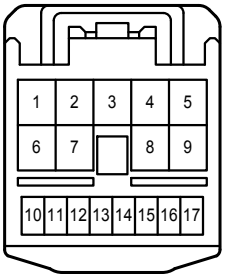
A 46
White



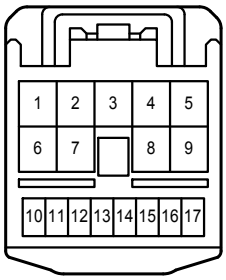
E107
White



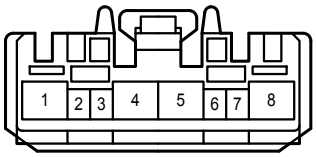
L 57
White



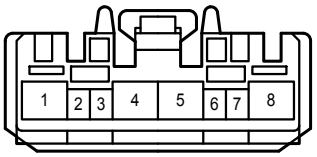
Q 9
White



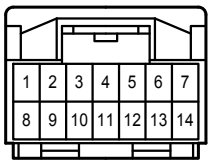
1A
White



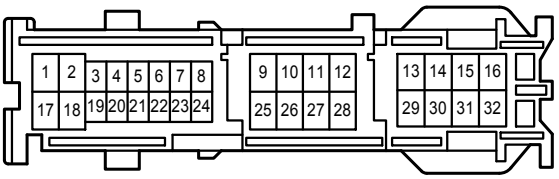
1B
White



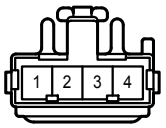
2D
White



2E
White

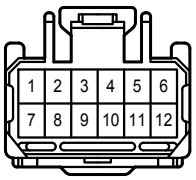


2J
White

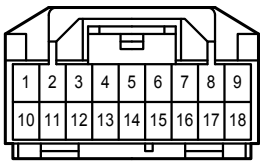


2K
White

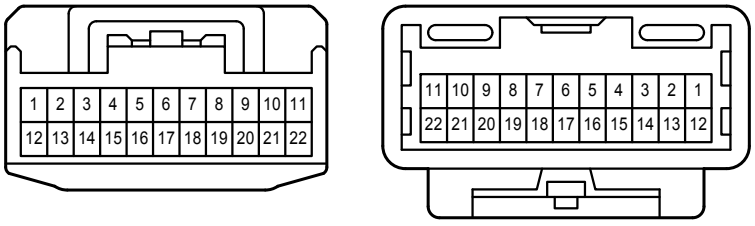
2M
White



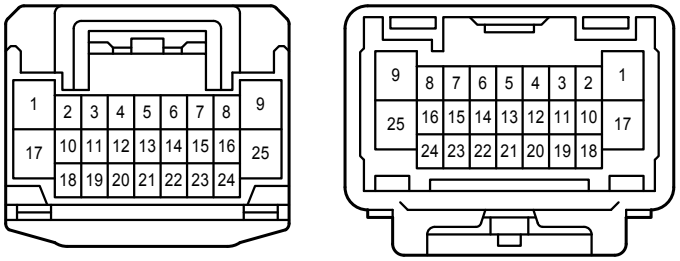
2S
White



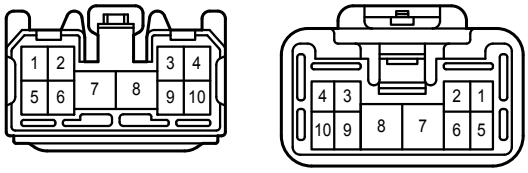
AE6
Gray



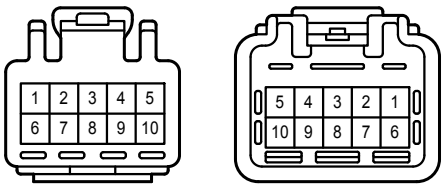
AL1
White



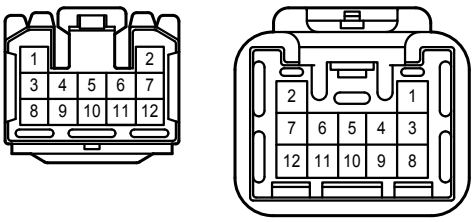
BA2
White



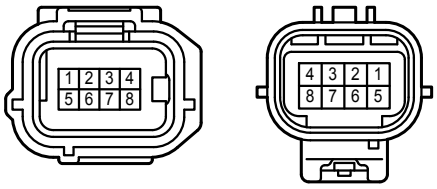
BA4
Gray



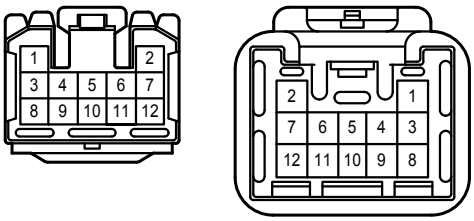
HE4
White



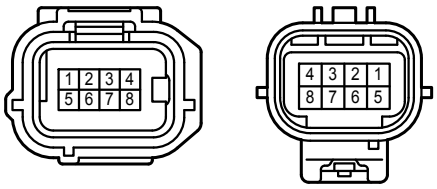
HS1
Gray



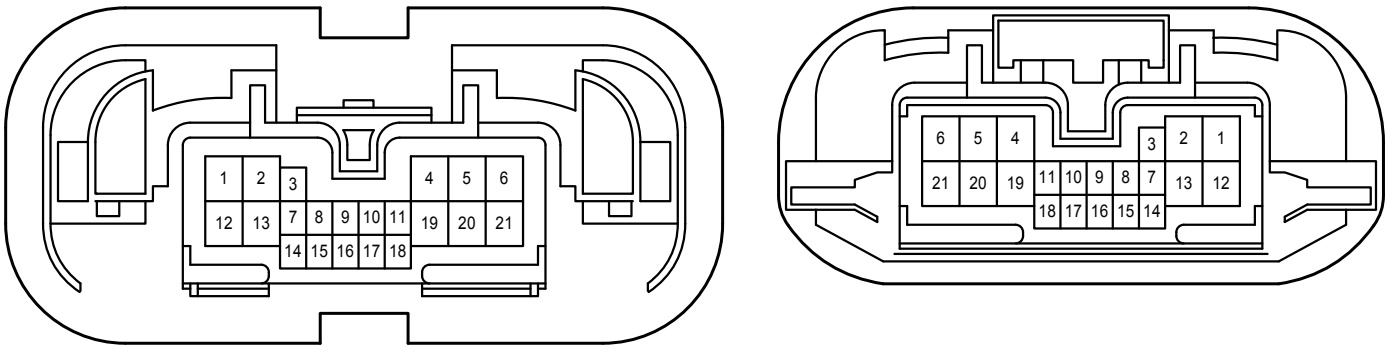
IE4
White

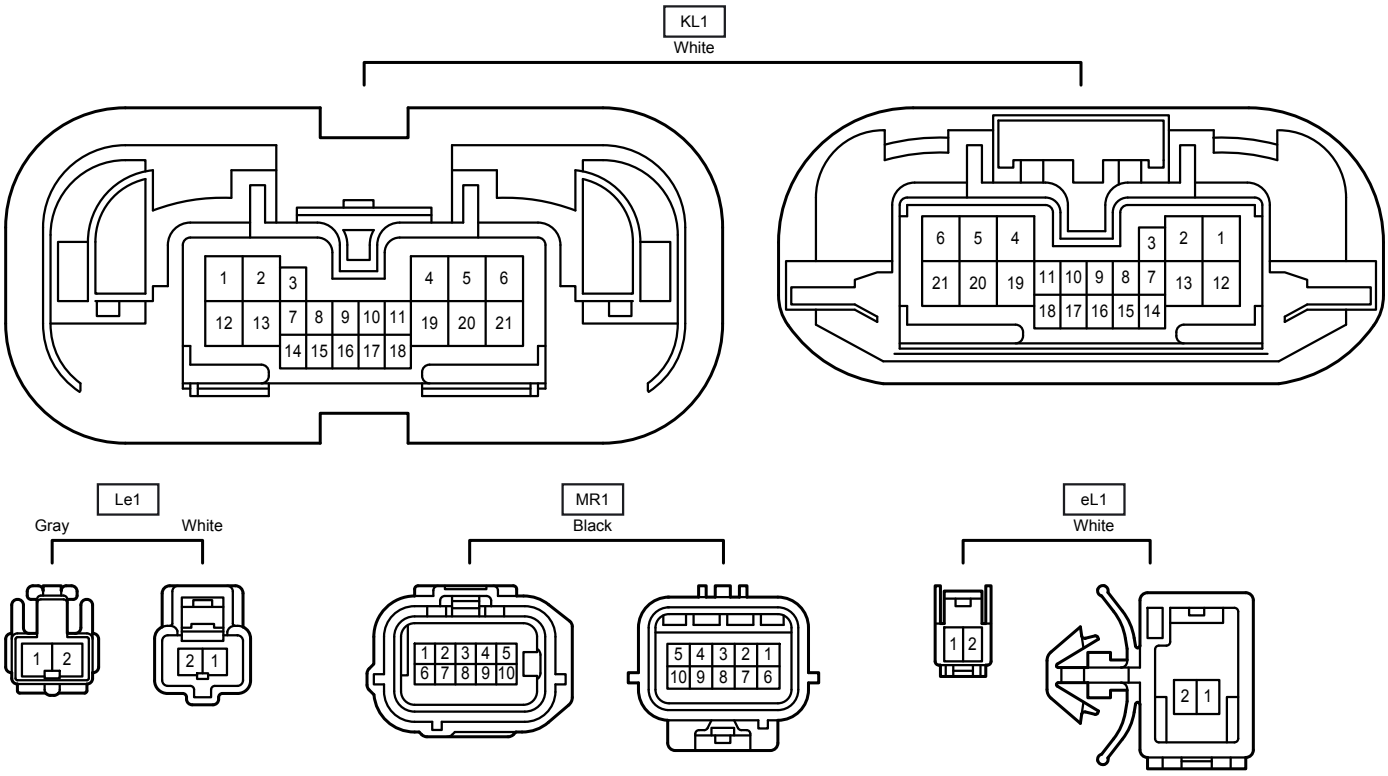


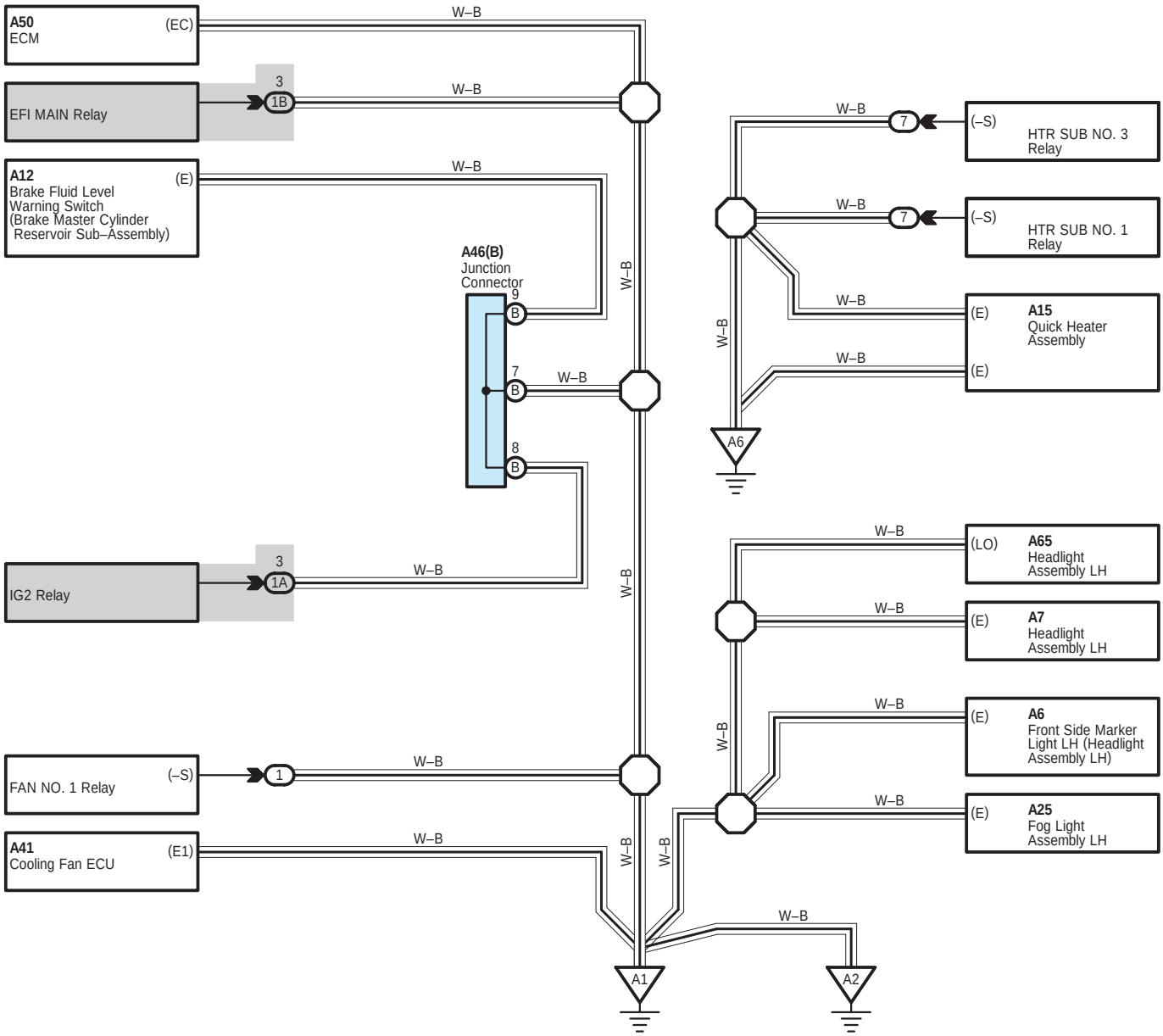
IT1
Gray

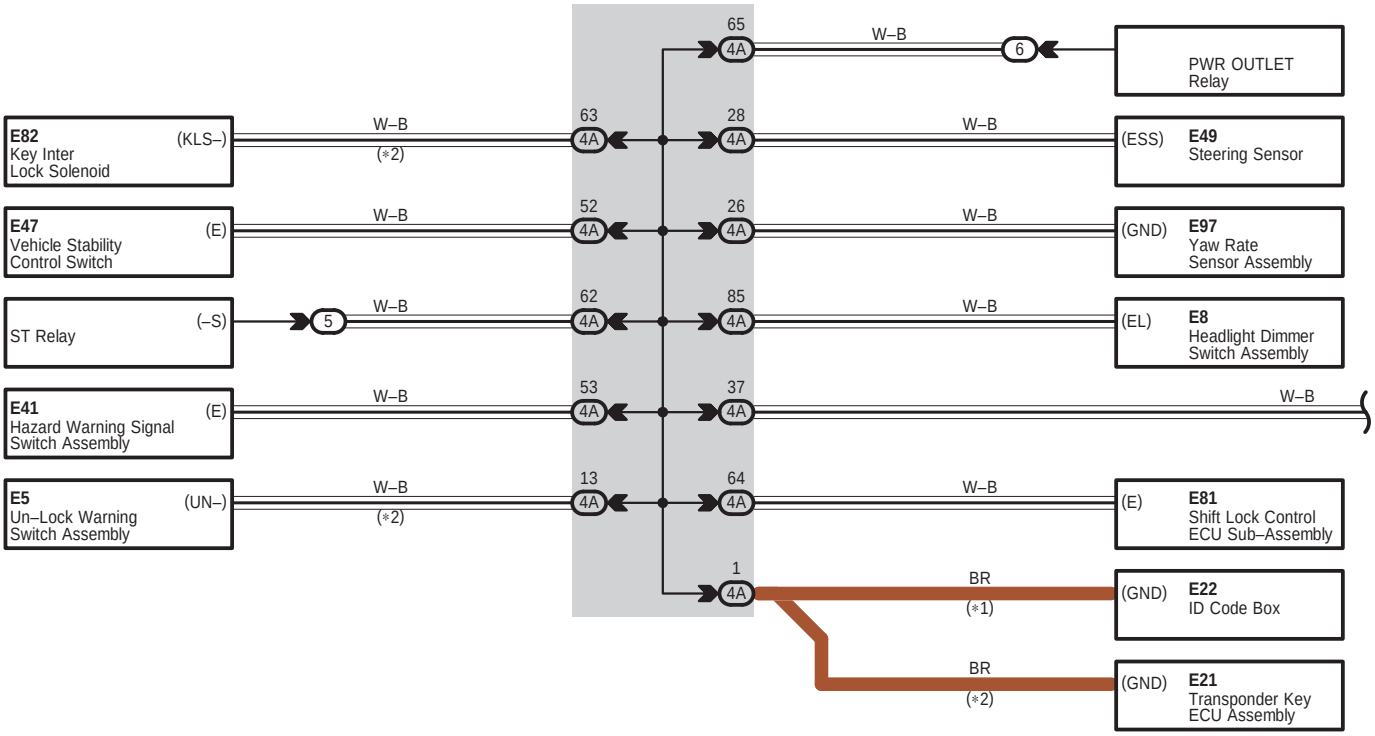


JM1
White

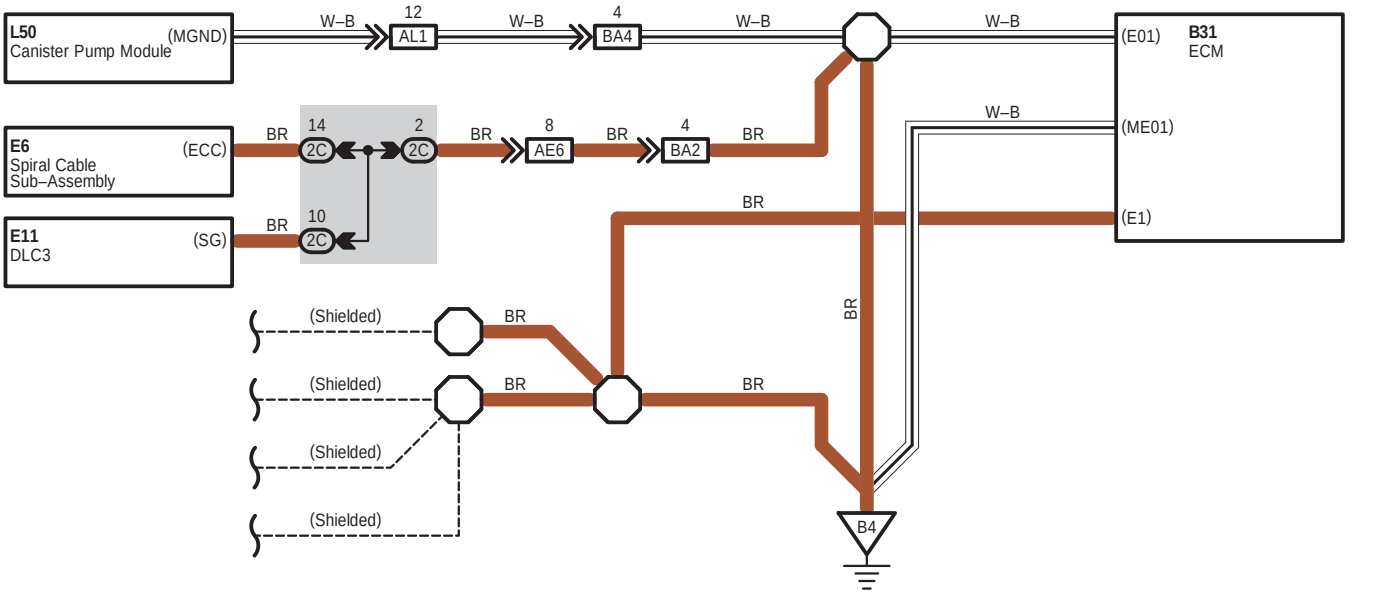


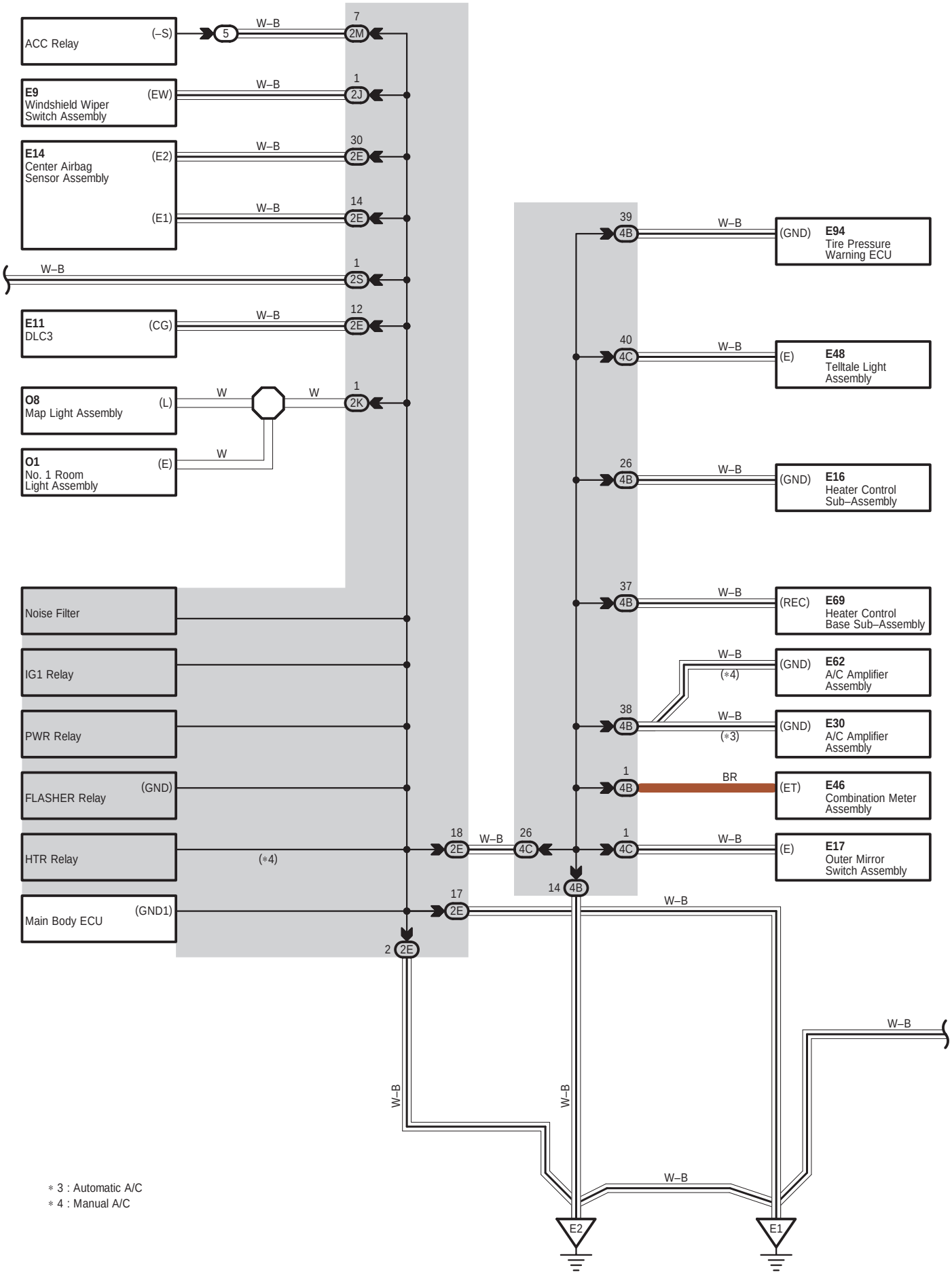

KL1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
Le1
Gray
White
1 2
2 1
MR1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6
eL1
White
1 2
2 1


A50
ECM
(EC)
W–B
EFI MAIN Relay
3
1B
A12
Brake Fluid Level
Warning Switch
(Brake Master Cylinder
Reservoir Sub–Assembly)
(E)
A46(B)
Junction
Connector
9
B
7
B
8
B
IG2 Relay
3
1A
FAN NO. 1 Relay
(–S)
1
A41
Cooling Fan ECU
(E1)
A1
A2
A6
7
(–S)
HTR SUB NO. 3
Relay
HTR SUB NO. 1
Relay
(E)
A15
Quick Heater
Assembly
(LO)
A65
Headlight
Assembly LH
A7
A6
Front Side Marker
Light LH (Headlight
Assembly LH)
A25
Fog Light
Assembly LH

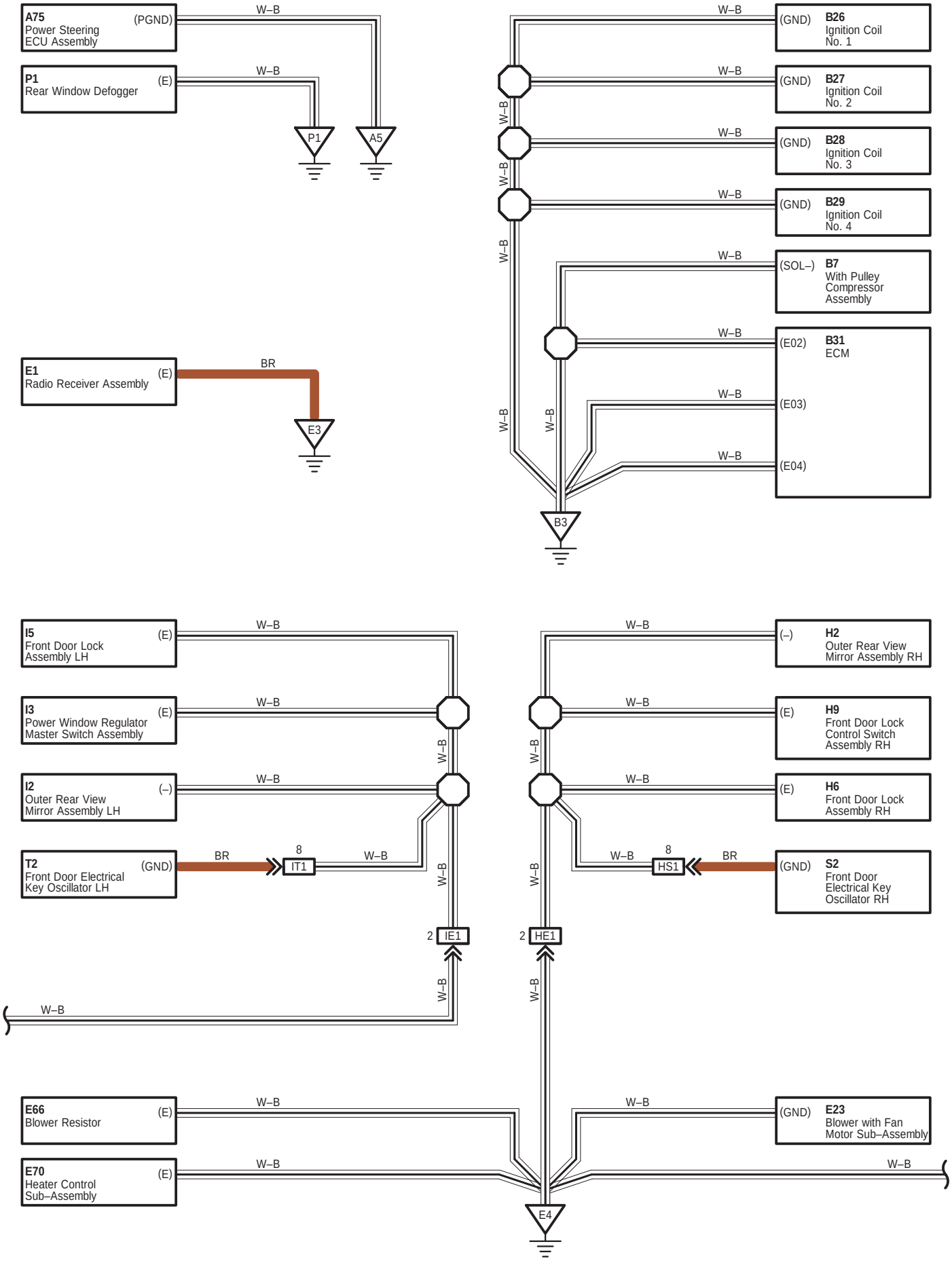


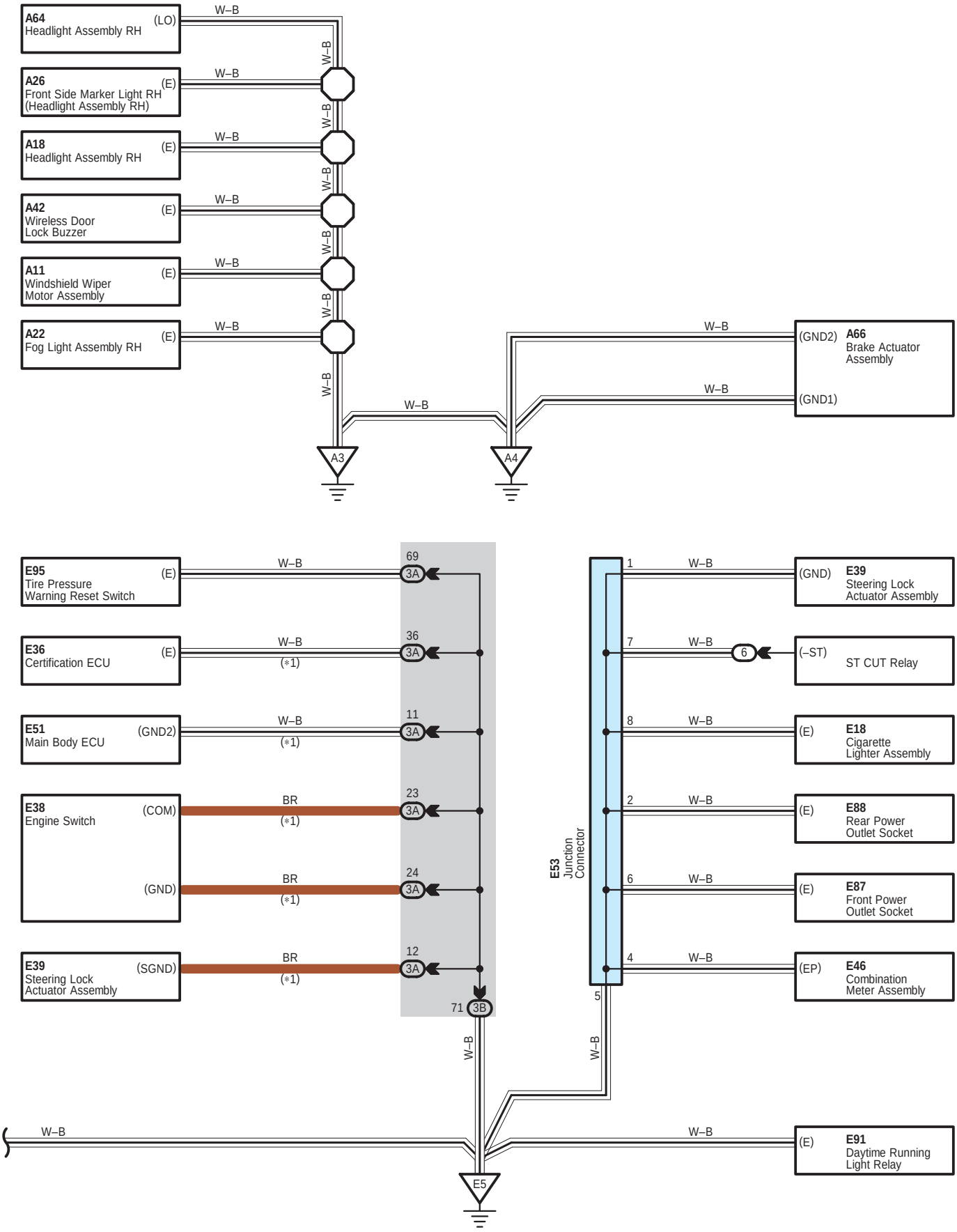
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

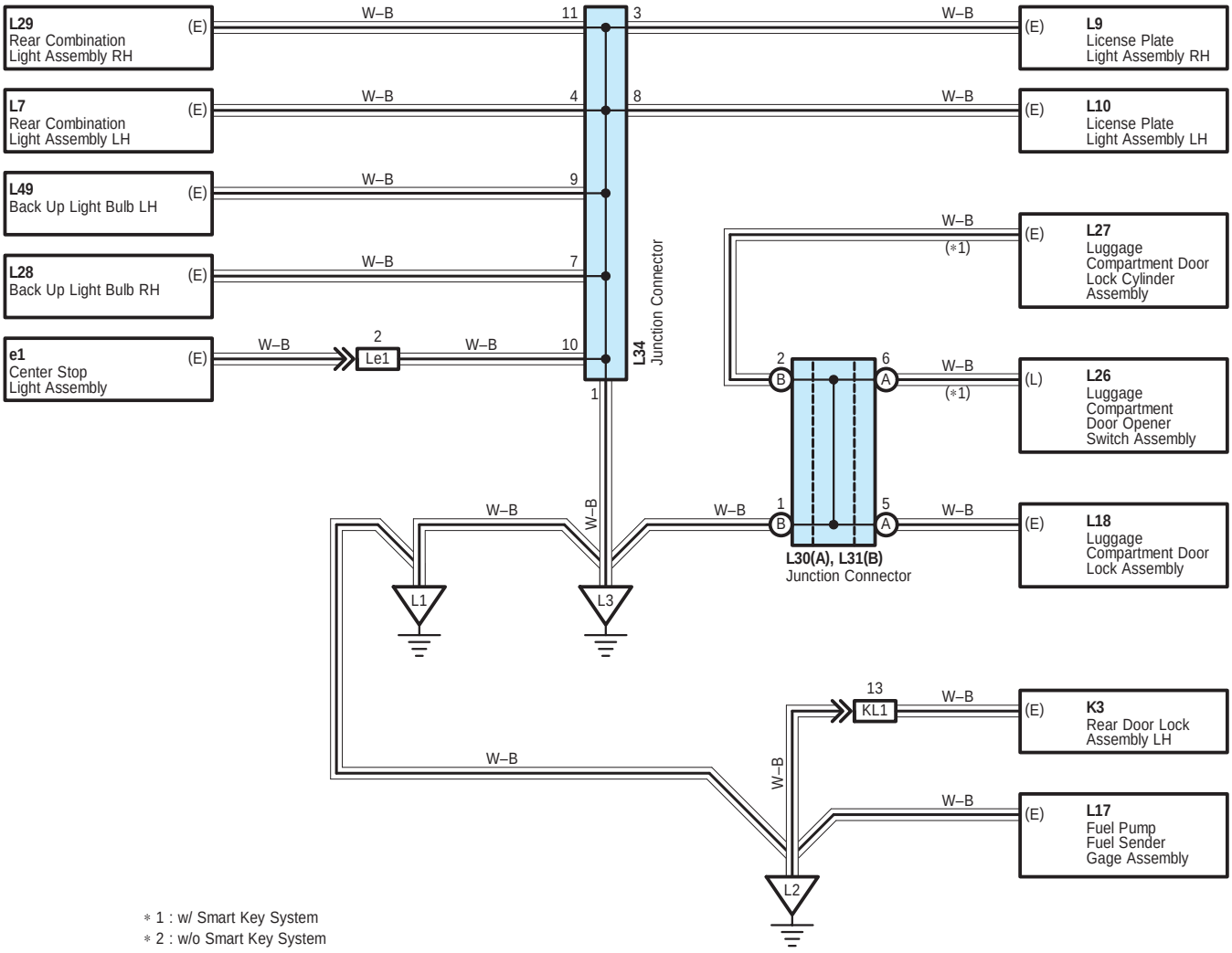


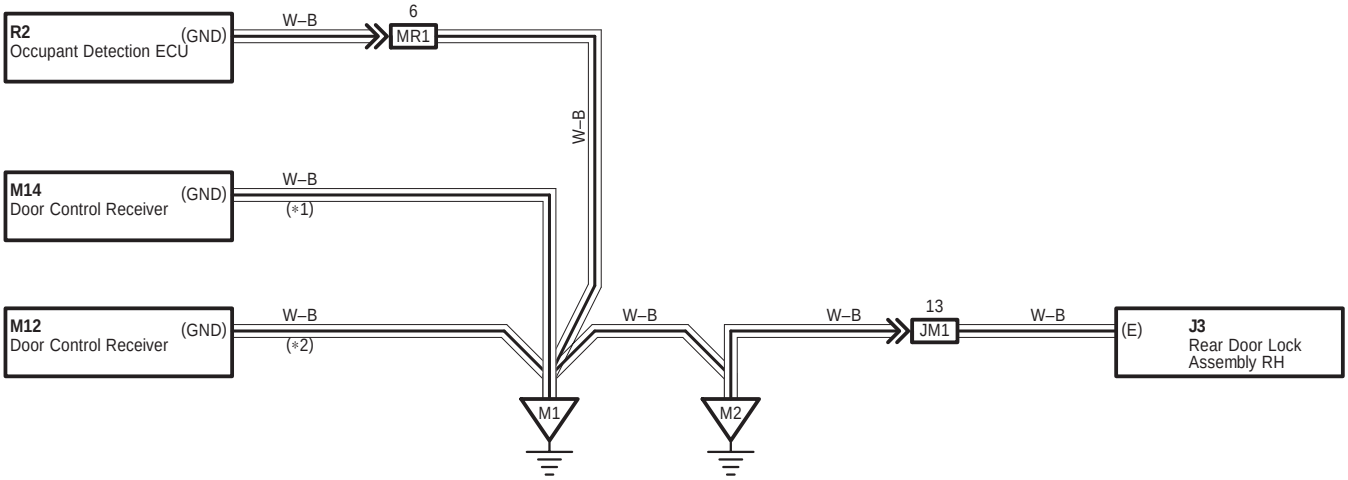


* 3 : Automatic A/C
* 4 : Manual A/C

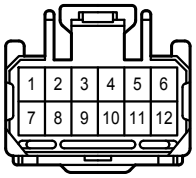

A75
Power Steering
ECU Assembly
(PGND)
W–B
P1
Rear Window Defogger
(E)
W–B
P1
A5
E1
Radio Receiver Assembly
(E)
BR
E3
W–B
(GND)
B26
Ignition Coil
No. 1
W–B
(GND)
B27
Ignition Coil
No. 2
W–B
(GND)
B28
Ignition Coil
No. 3
W–B
(GND)
B29
Ignition Coil
No. 4
W–B
(SOL–)
B7
With Pulley
Compressor
Assembly
W–B
(E02)
B31
ECM
W–B
(E03)
W–B
(E04)
B3
I5
Front Door Lock
Assembly LH
(E)
W–B
I3
Power Window Regulator
Master Switch Assembly
(E)
W–B
I2
Outer Rear View
Mirror Assembly LH
(–)
W–B
T2
Front Door Electrical
Key Oscillator LH
(GND)
BR
8
IT1
W–B
2
IE1
W–B
(–)
H2
Outer Rear View
Mirror Assembly RH
W–B
(E)
H9
Front Door Lock
Control Switch
Assembly RH
W–B
(E)
H6
Front Door Lock
Assembly RH
W–B
8
HS1
BR
(GND)
S2
Front Door
Electrical Key
Oscillator RH
2
HE1
E66
Blower Resistor
(E)
W–B
W–B
(GND)
E23
Blower with Fan
Motor Sub–Assembly
E70
Heater Control
Sub–Assembly
(E)
W–B
W–B
E4


A64
Headlight Assembly RH
(LO)
A26
Front Side Marker Light RH
(Headlight Assembly RH)
(E)
A18
Headlight Assembly RH
(E)
A42
Wireless Door
Lock Buzzer
(E)
A11
Windshield Wiper
Motor Assembly
(E)
A22
Fog Light Assembly RH
(E)
W–B
A3
A4
(GND2)
A66
Brake Actuator
Assembly
(GND1)
E95
Tire Pressure
Warning Reset Switch
(E)
E36
Certification ECU
(E)
E51
Main Body ECU
(GND2)
E38
Engine Switch
(COM)
(GND)
E39
Steering Lock
Actuator Assembly
(SGND)
BR
(*1)
3A
3B
69
36
11
23
24
12
71
E53
Junction
Connector
1
7
8
2
6
4
5
(GND)
E39
Steering Lock
Actuator Assembly
(–ST)
6
ST CUT Relay
(E)
E18
Cigarette
Lighter Assembly
(E)
E88
Rear Power
Outlet Socket
(E)
E87
Front Power
Outlet Socket
(EP)
E46
Combination
Meter Assembly
(E)
E91
Daytime Running
Light Relay
E5

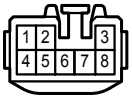

L29
Rear Combination
Light Assembly RH
(E)
W–B
11
3
L9
License Plate
Light Assembly RH
L7
Rear Combination
Light Assembly LH
4
8
L10
License Plate
Light Assembly LH
L49
Back Up Light Bulb LH
9
L28
Back Up Light Bulb RH
7
e1
Center Stop
Light Assembly
2
Le1
10
L34
Junction Connector
1
L27
Luggage
Compartment Door
Lock Cylinder
Assembly
(*1)
2
6
B
A
L26
Luggage
Compartment
Door Opener
Switch Assembly
(L)
1
5
L18
Luggage
Compartment Door
Lock Assembly
L30(A), L31(B)
Junction Connector
L1
L3
13
KL1
K3
Rear Door Lock
Assembly LH
L17
Fuel Pump
Fuel Sender
Gage Assembly
L2
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System


R2
Occupant Detection ECU
(GND)
W–B
6
MR1
M14
Door Control Receiver
(*1)
M12
Door Control Receiver
(*2)
M1
M2
13
JM1
J3
Rear Door Lock
Assembly RH
(E)

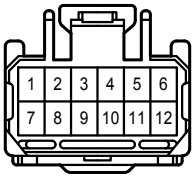
A 46
White



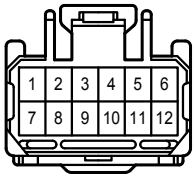
E 53
White



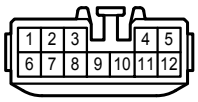
L 30
White



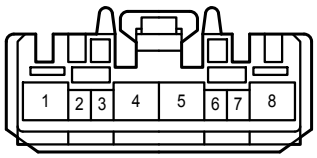
L 31
White



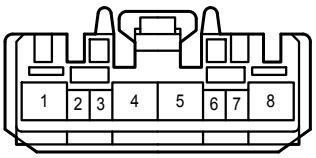
L 34
Blue



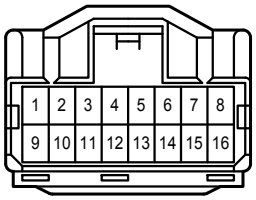
1A
White



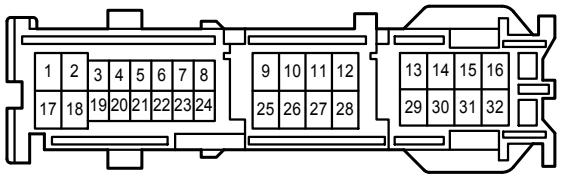
1B
White



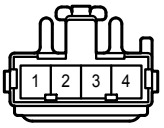
2C
White



2E
White

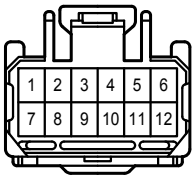


2J
White

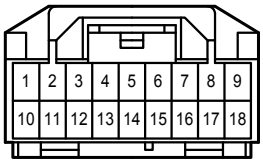


2K
White

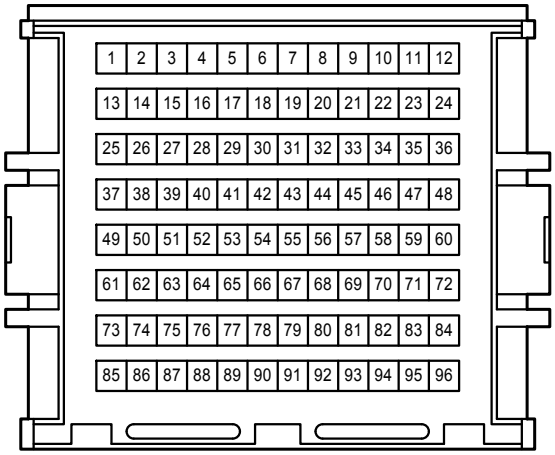
2M
White



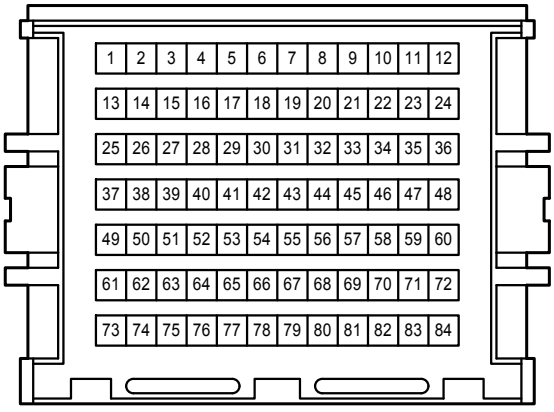
2S
White



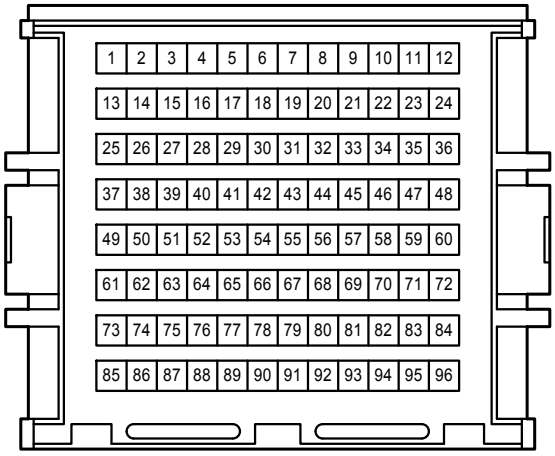
3A
White



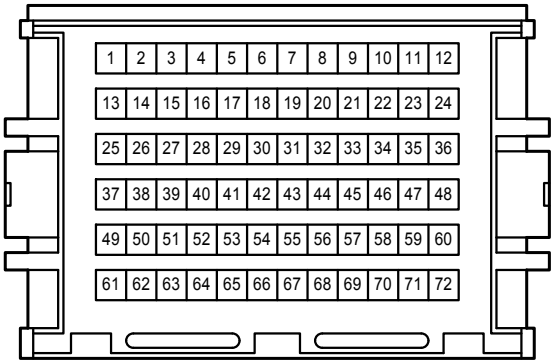
3B
White



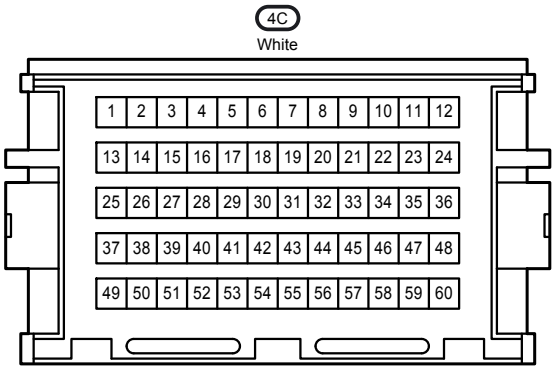
4A
White



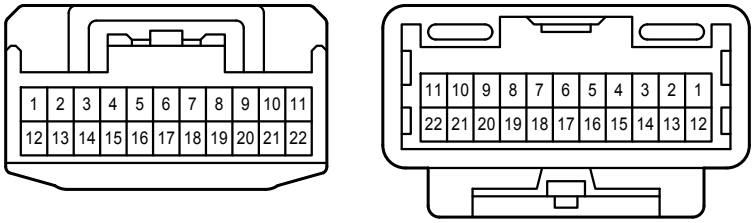
4B
White



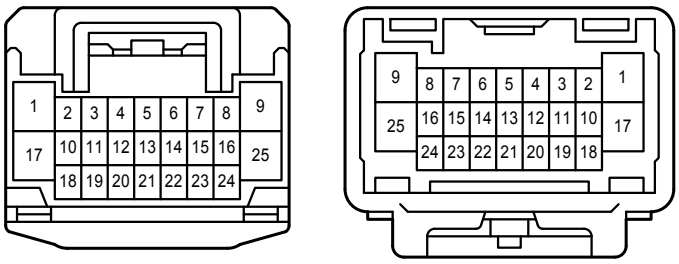
4C
White



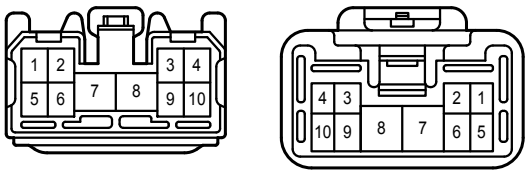
AE6
Gray



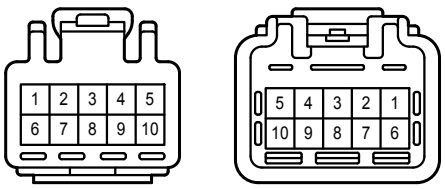
AL1
White



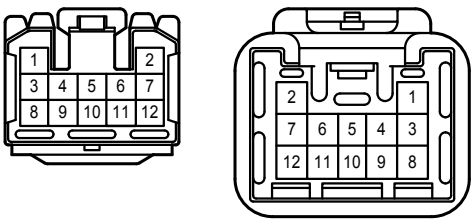
BA2
White



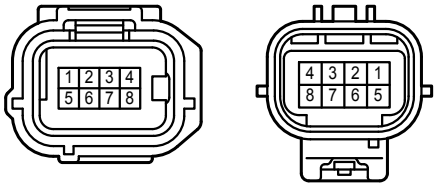
BA4
Gray



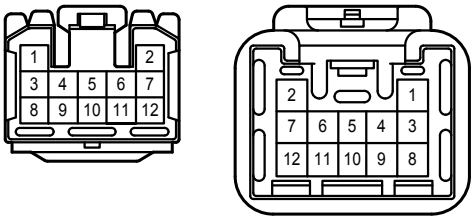
HE1
Blue



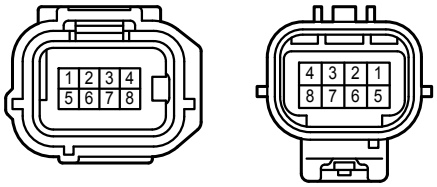
HS1
Gray



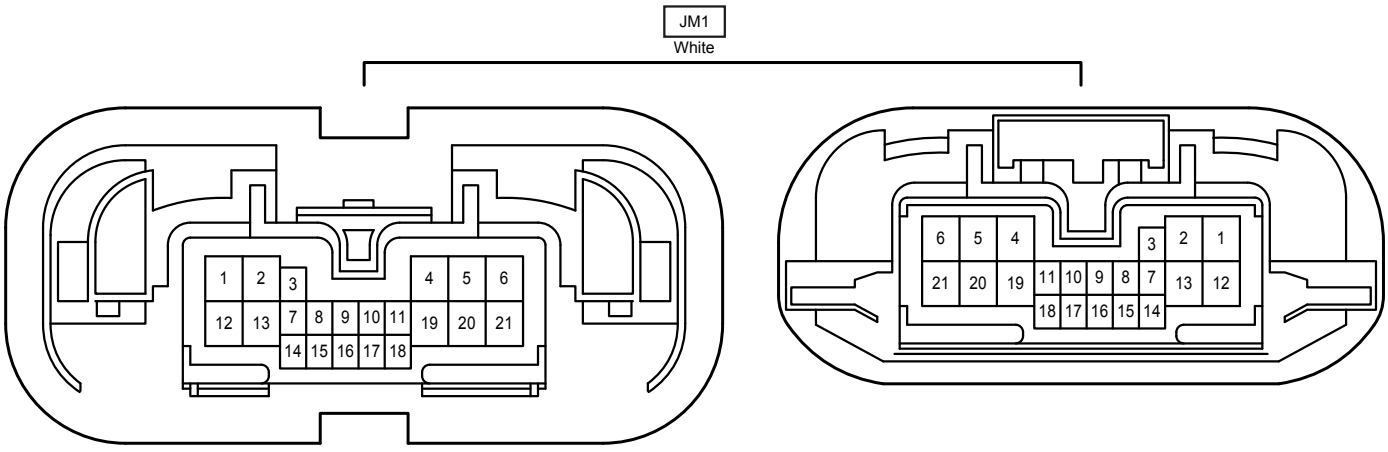
IE1
Blue

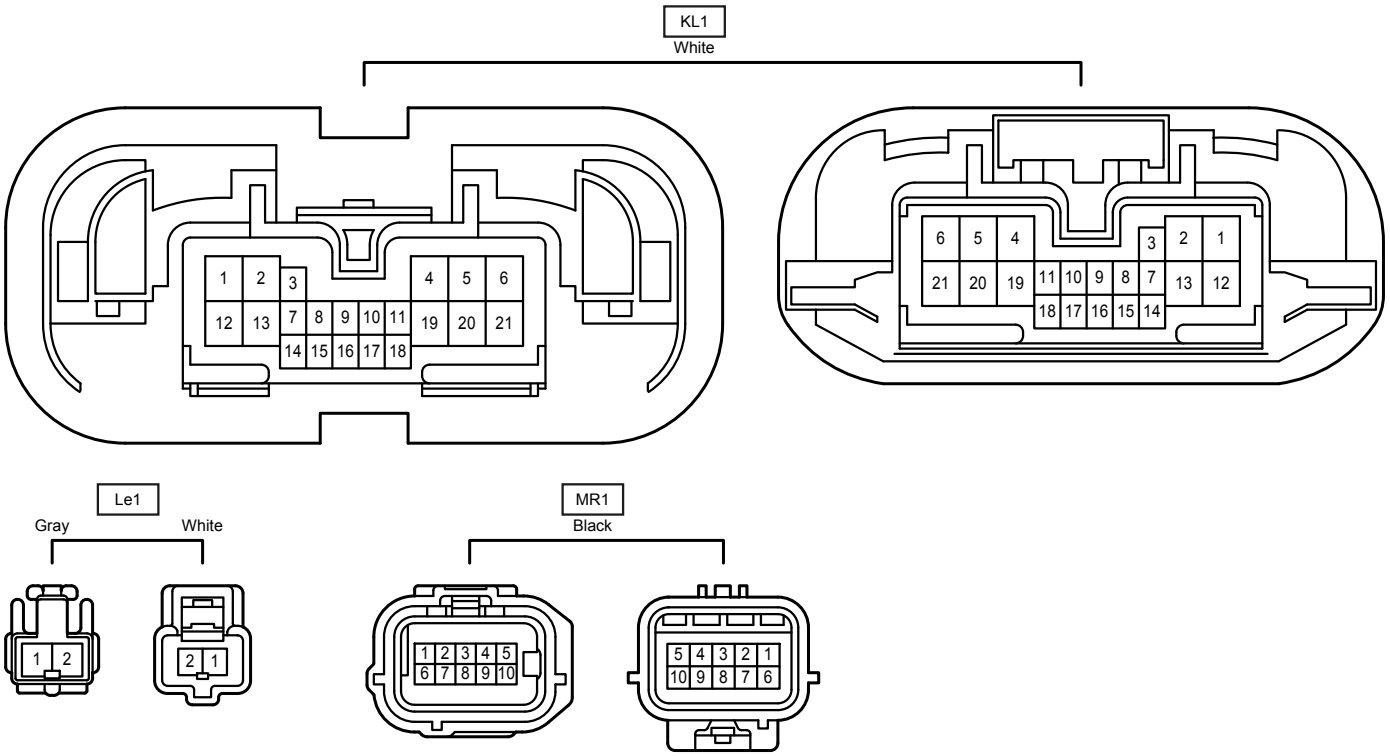


IT1
Gray

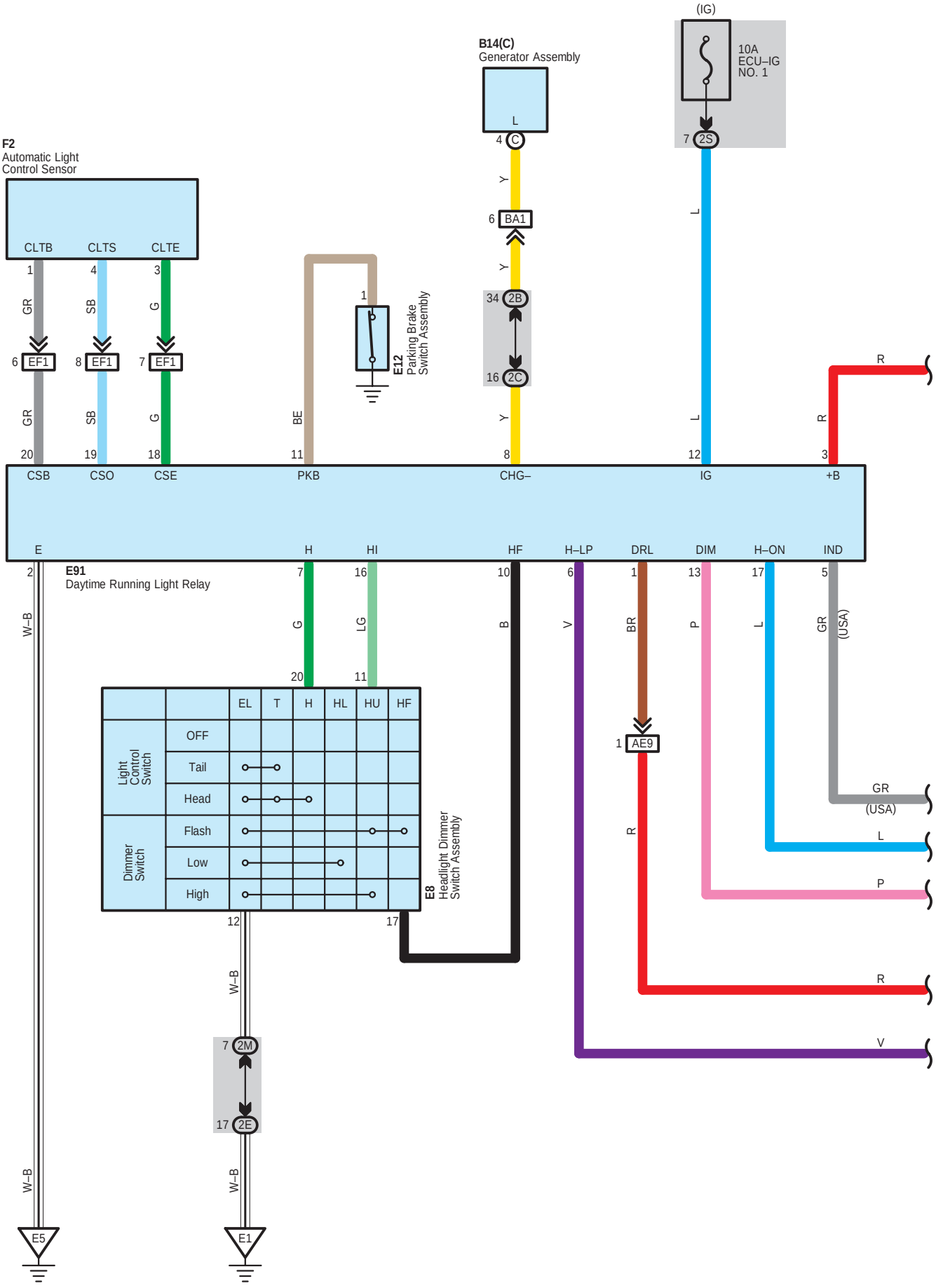


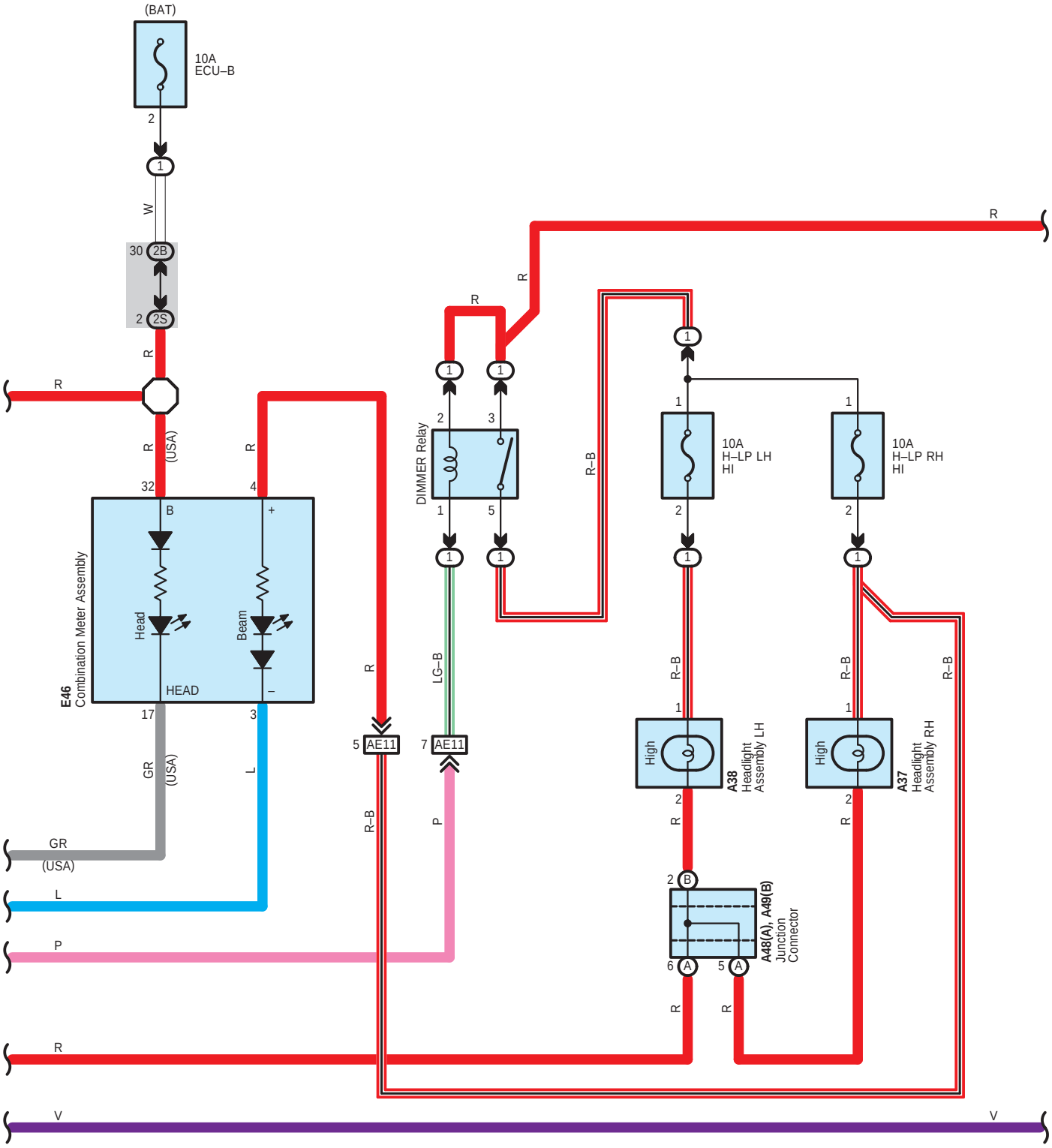
JM1
White

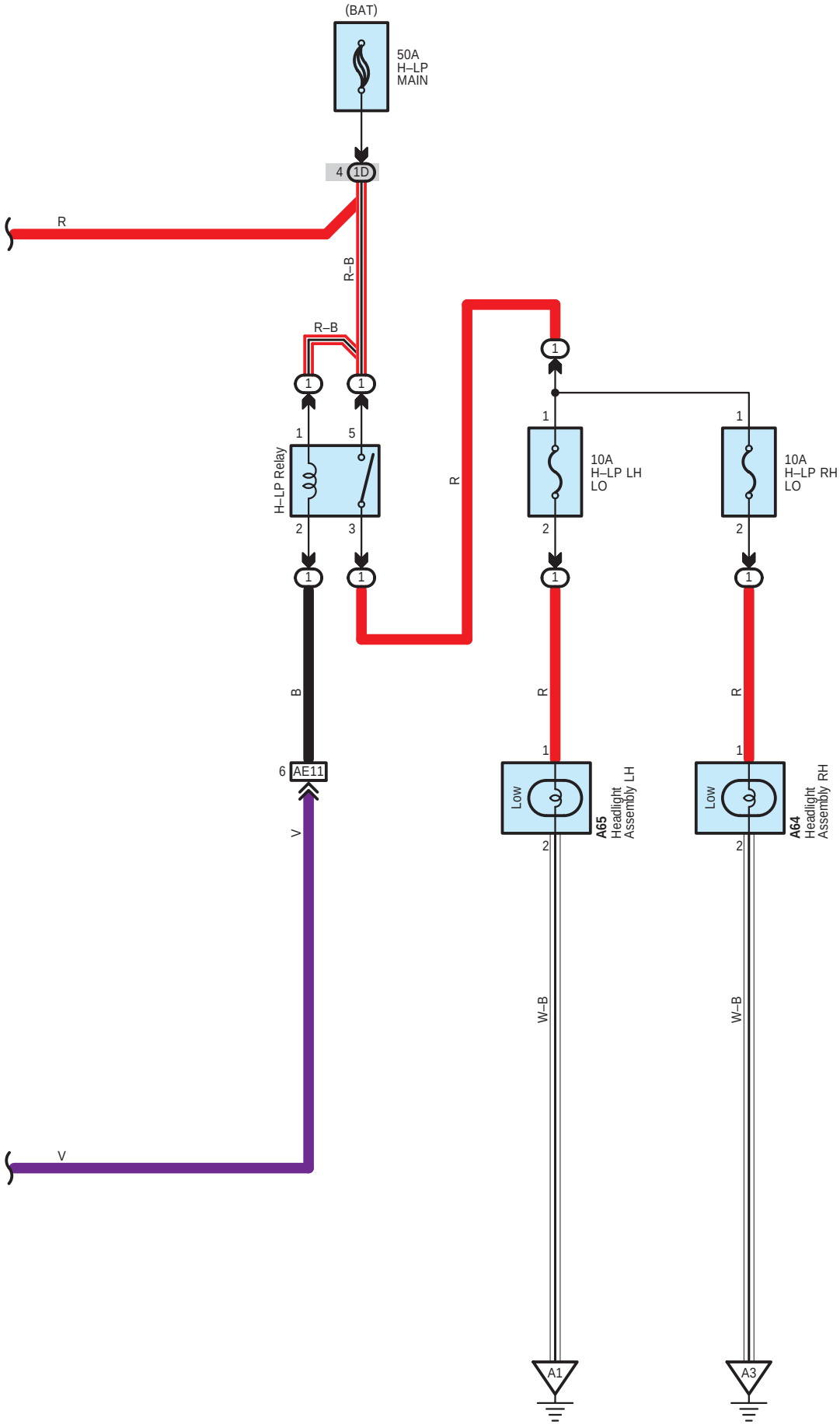



KL1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14

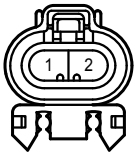
Le1
Gray
White
1 2
2 1
MR1
Black
1 2 3 4 5
6 7 8 9 10
5 4 3 2 1
10 9 8 7 6


(IG)
10A
ECU–IG
NO. 1
7 2S
B14(C)
Generator Assembly
L
4 C
Y
6 BA1
Y
34 2B
16 2C
Y
8
F2
Automatic Light
Control Sensor
CLTB
CLTS
CLTE
1
4
3
GR
SB
G
6 EF1
8 EF1
7 EF1
GR
SB
G
20
19
18
CSB
CSO
CSE
1
E12
Parking Brake
Switch Assembly
BE
11
PKB
CHG–
L
L
12
IG
R
R
3
+B
E
H
HI
HF
H–LP
DRL
DIM
H–ON
IND
2
W–B
E91
Daytime Running Light Relay
7
G
20
16
LG
11
10
B
6
V
1
BR
13
P
17
L
5
GR
(USA)
EL
T
H
HL
HU
HF
Light Control Switch
OFF
Tail
Head
Dimmer Switch
Flash
Low
High
E8
Headlight Dimmer
Switch Assembly
12
17
1 AE9
R
GR
(USA)
L
P
R
V
W–B
7 2M
17 2E
W–B
W–B
E5
E1

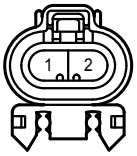

(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
R
R
(USA)
R
32
4
B
+
Head
Beam
HEAD
–
E46
Combination Meter Assembly
17
3
GR
(USA)
L
GR
(USA)
L
P
R
5
AE11
7
AE11
R–B
LG–B
P
R
R
DIMMER Relay
1
2
3
5
R–B
1
10A
H–LP LH
HI
2
R–B
1
High
A38
Headlight
Assembly LH
2
R
2
B
6
A
5
A
A48(A), A49(B)
Junction
Connector
R
R
1
10A
H–LP RH
HI
2
R–B
1
High
A37
Headlight
Assembly RH
2
R
R–B
R
V
V


(BAT)
50A
H–LP
MAIN
4
1D
R
R–B
R–B
1
1
1
5
H–LP Relay
2
3
1
1
B
6
AE11
V
V
R
1
1
10A
H–LP LH
LO
2
1
R
1
Low
A65
Headlight
Assembly LH
2
W–B
A1
1
1
10A
H–LP RH
LO
2
1
R
1
Low
A64
Headlight
Assembly RH
2
W–B
A3

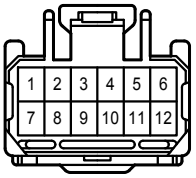
A 37
Black



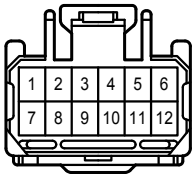
A 38
Black



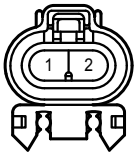
A 48
White



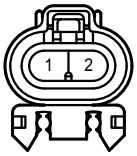
A 49
White



A 64
Brown

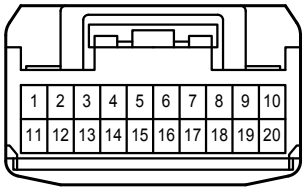


A 65
Brown



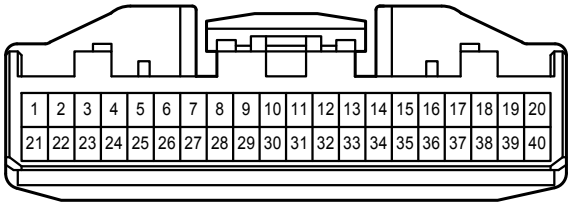
B 14
Black

E 8
White

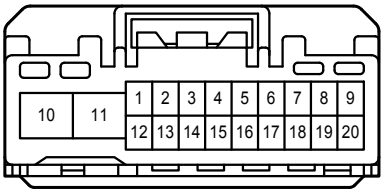


E 12
White

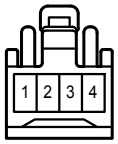
E 46
White



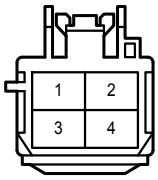
E 91
White



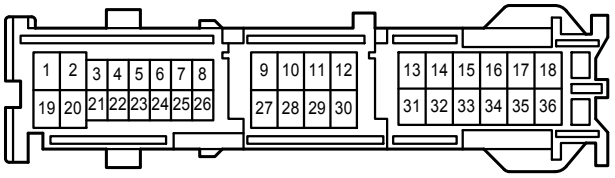
F 2
Black



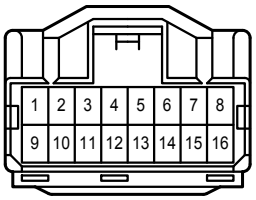
1D
White



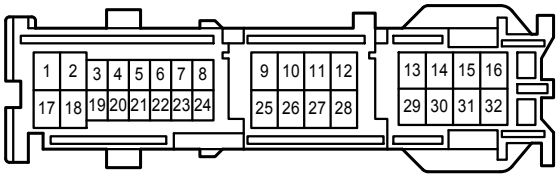
2B
White



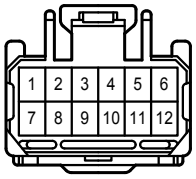
2C
White



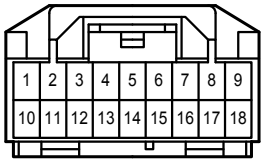
2E
White



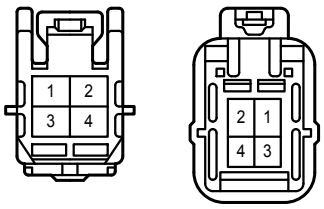
2M
White



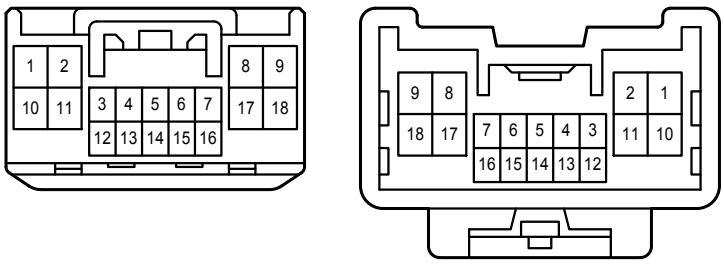
2S
White

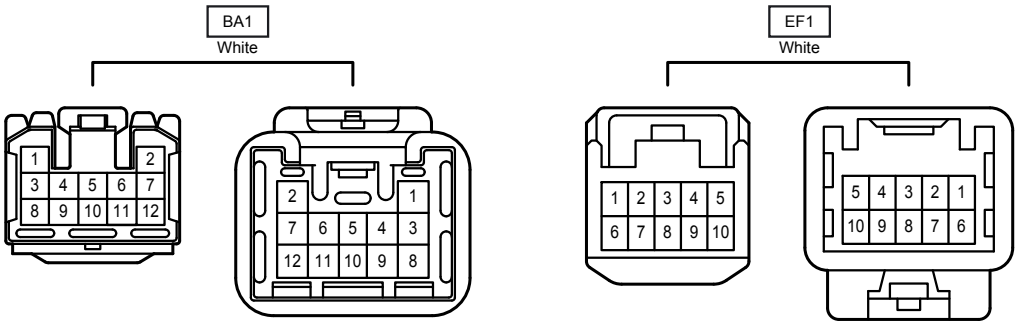


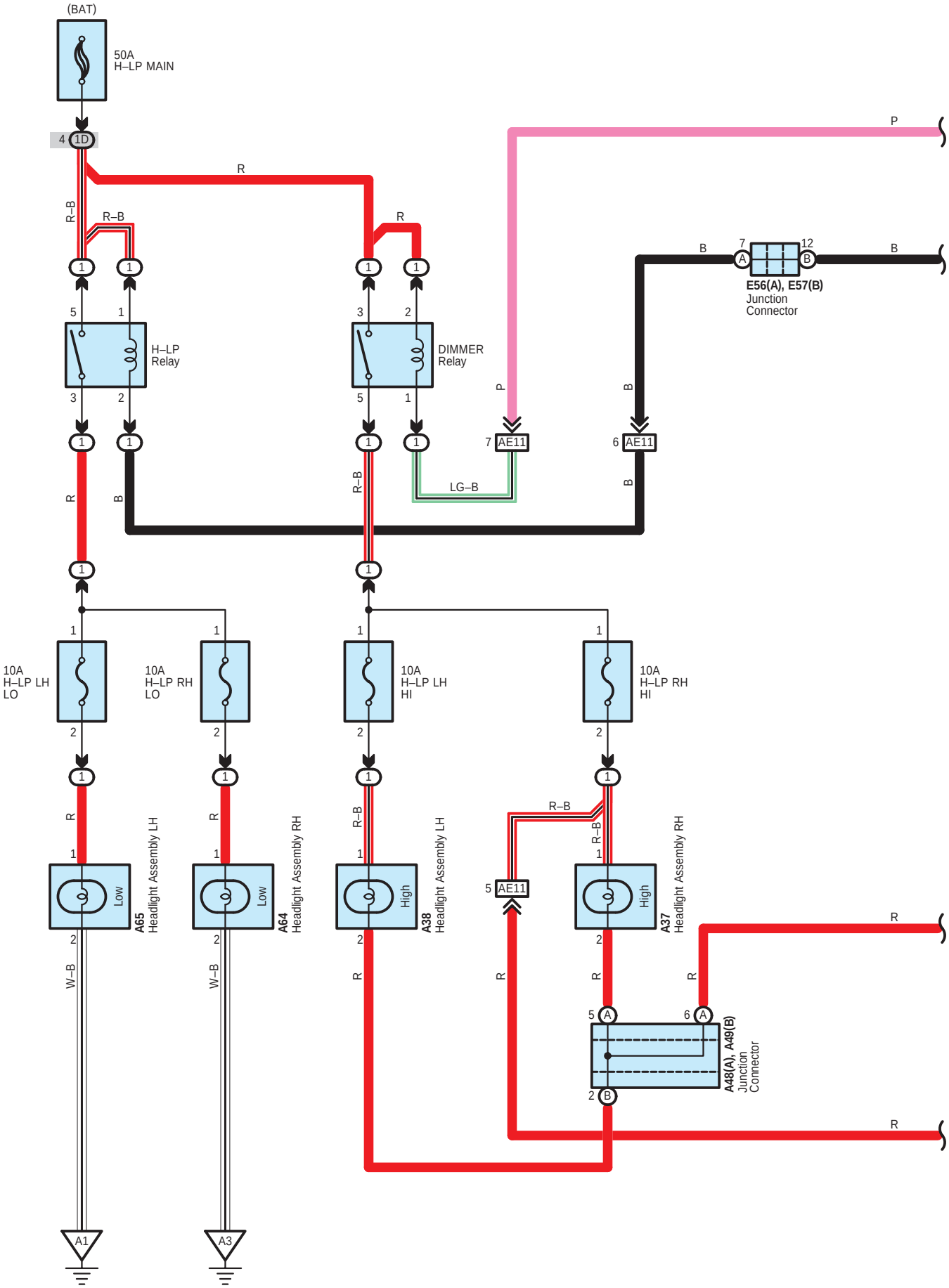
AE9
White

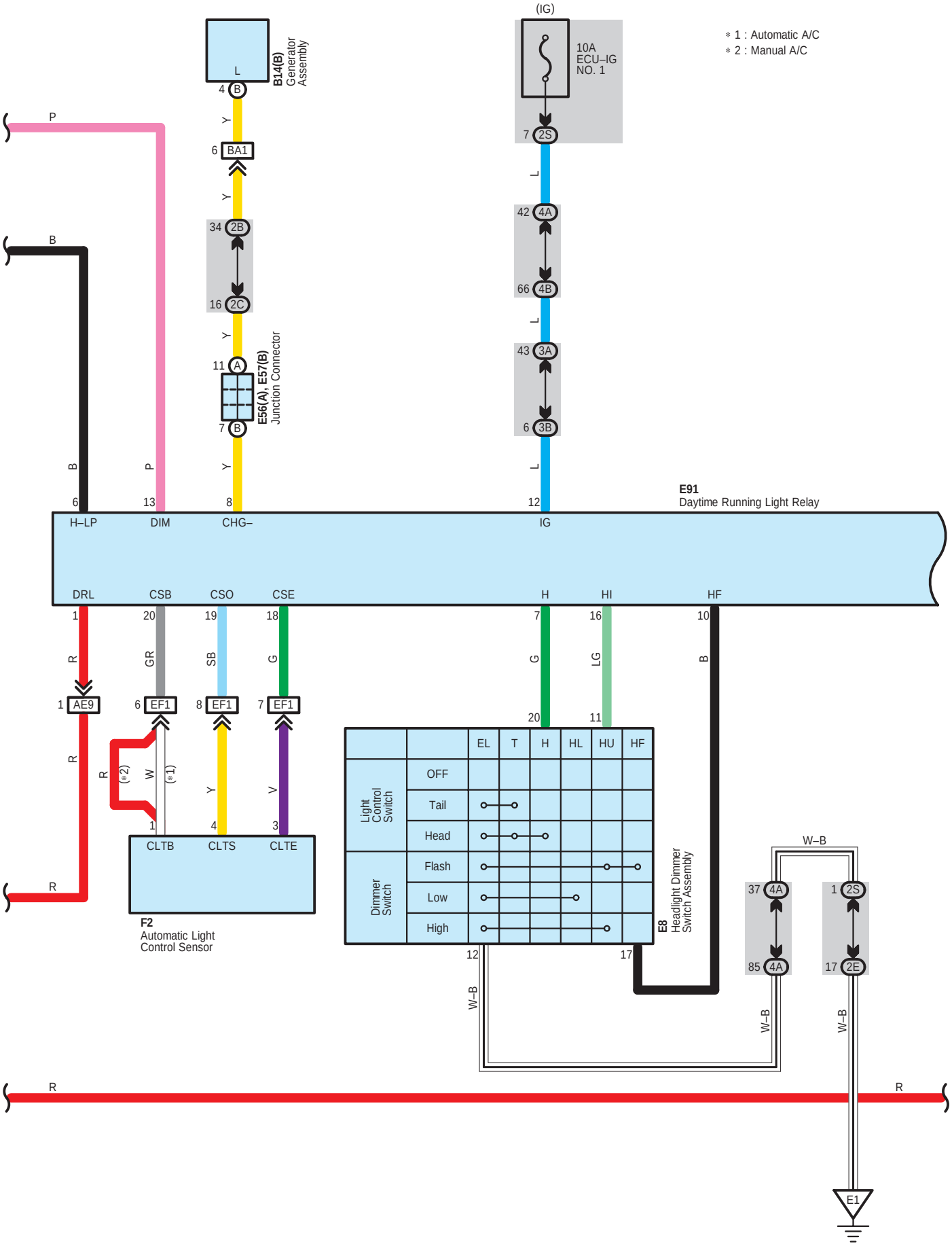


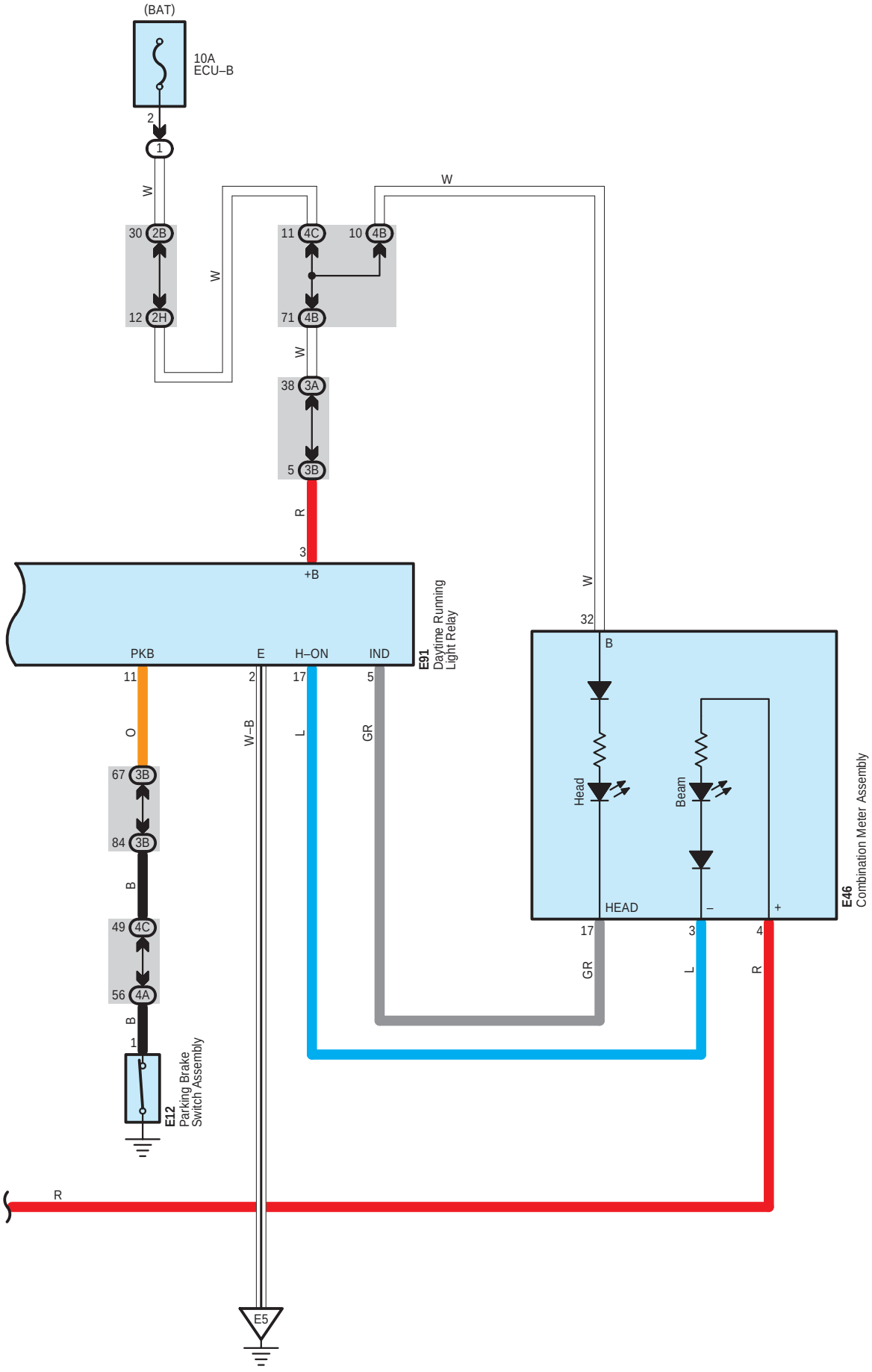
AE11
White



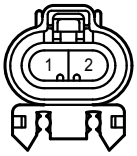

BA1
White
1 2 3 4 5 6 7 8 9 10 11 12
2 1 7 6 5 4 3 12 11 10 9 8
EF1
White
1 2 3 4 5 6 7 8 9 10
5 4 3 2 1 10 9 8 7 6


(BAT)
50A
H–LP MAIN
4 1D
R
R–B
R–B
R
P
B
7
12
A
B
B
E56(A), E57(B)
Junction
Connector
H–LP
Relay
DIMMER
Relay
P
B
7 AE11
6 AE11
LG–B
R
B
R–B
B
10A
H–LP LH
LO
10A
H–LP RH
LO
10A
H–LP LH
HI
10A
H–LP RH
HI
R
R
R–B
R–B
R–B
Low
A65
Headlight Assembly LH
Low
A64
Headlight Assembly RH
High
A38
Headlight Assembly LH
5 AE11
High
A37
Headlight Assembly RH
W–B
W–B
R
R
R
R
R
5 A
6 A
A48(A), A49(B)
Junction
Connector
2 B
R
A1
A3

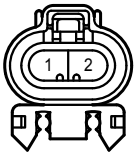

(IG)
10A
ECU–IG
NO. 1
7 2S
L
42 4A
66 4B
L
43 3A
6 3B
L
12
IG
∗ 1 : Automatic A/C
∗ 2 : Manual A/C
B14(B)
Generator
Assembly
L
4 B
Y
6 BA1
Y
34 2B
16 2C
Y
11 A
7 B
E56(A), E57(B)
Junction Connector
B
6
H–LP
P
13
DIM
Y
8
CHG–
E91
Daytime Running Light Relay
DRL
CSB
CSO
CSE
H
HI
HF
1
R
1 AE9
R
R
20
GR
6 EF1
19
SB
8 EF1
18
G
7 EF1
7
G
20
16
LG
11
10
B
R
(∗2)
W
(∗1)
1
Y
4
V
3
CLTB
CLTS
CLTE
F2
Automatic Light
Control Sensor
EL
T
H
HL
HU
HF
Light Control Switch
OFF
Tail
Head
Dimmer Switch
Flash
Low
High
12
17
E8
Headlight Dimmer
Switch Assembly
W–B
37 4A
85 4A
1 2S
17 2E
W–B
W–B
R
R
E1


(BAT)
10A
ECU–B
2
1
W
30 2B
12 2H
W
11 4C
10 4B
71 4B
W
W
38 3A
5 3B
R
3
+B
PKB
E
H–ON
IND
E91
Daytime Running
Light Relay
11
2
17
5
O
W–B
L
GR
67 3B
84 3B
B
49 4C
56 4A
B
1
E12
Parking Brake
Switch Assembly
R
E5
W
32
B
Head
Beam
HEAD
–
+
E46
Combination Meter Assembly
17
3
4
GR
L
R

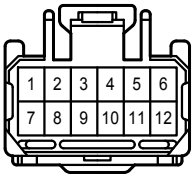
A 37
Black



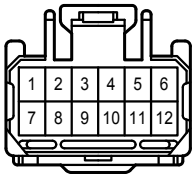
A 38
Black



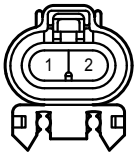
A 48
White



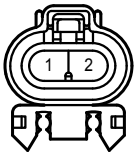
A 49
White



A 64
Brown

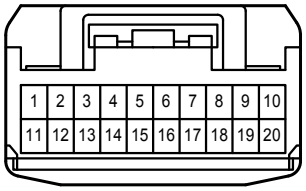


A 65
Brown



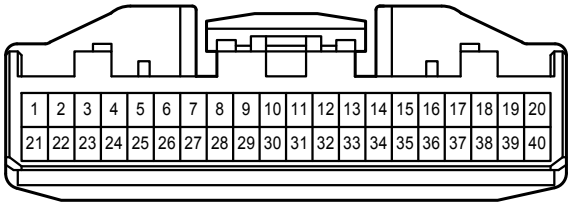
B 14
Black

E 8
White

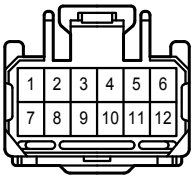


E 12
White

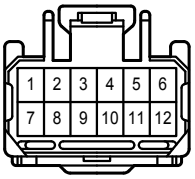
E 46
White



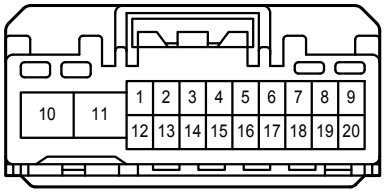
E 56
White



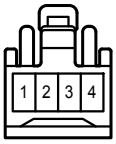
E 57
White



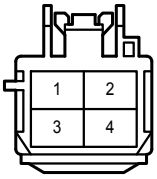
E 91
White



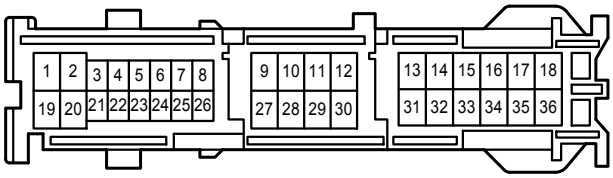
F 2
Black



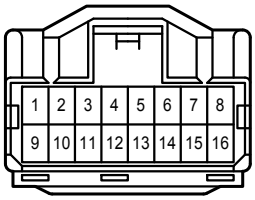
1D
White



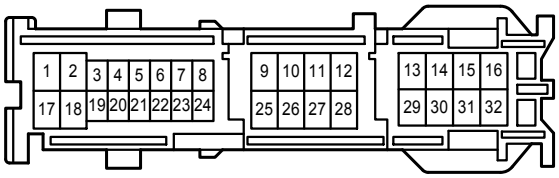
2B
White



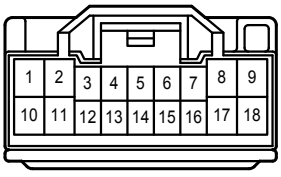
2C
White



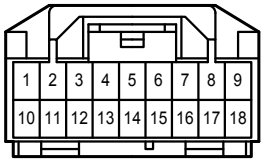
2E
White



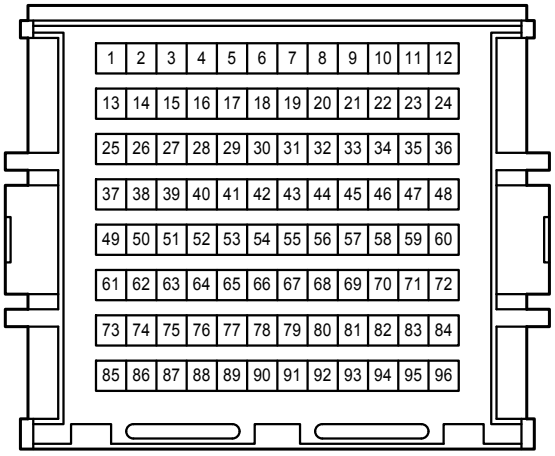
2H
White



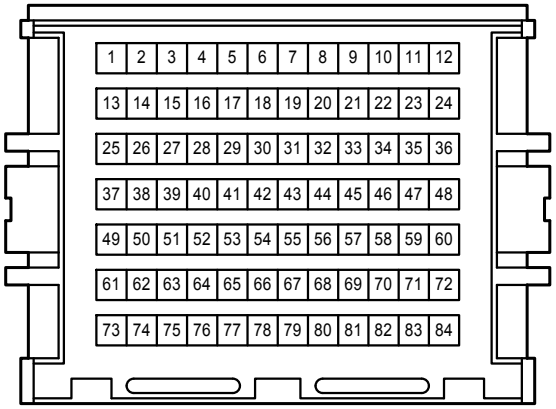
2S
White



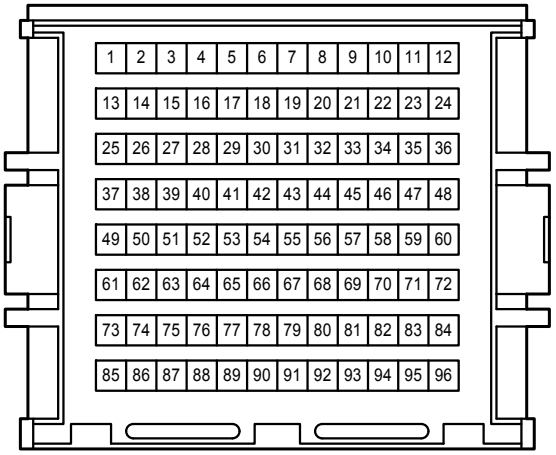
3A
White



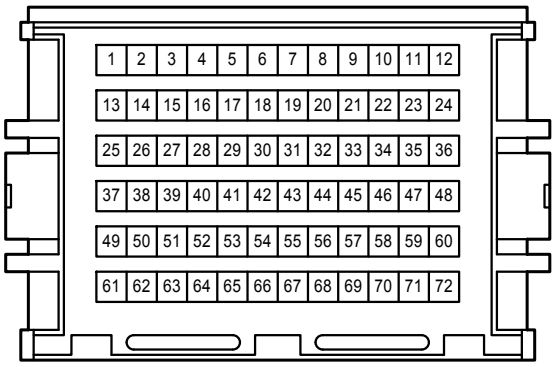
3B
White



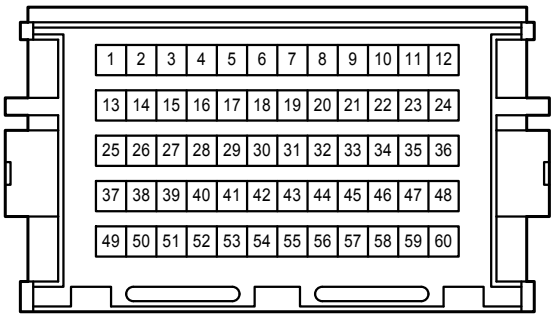
4A
White



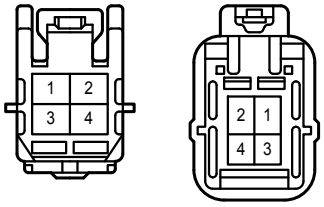
4B
White



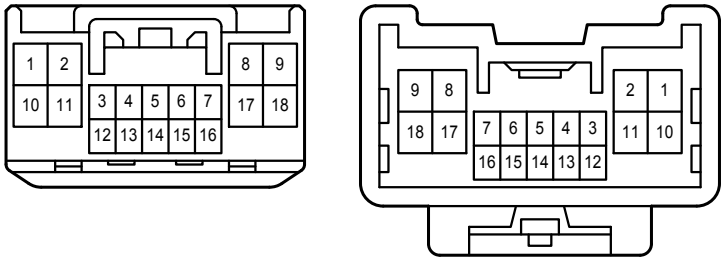
4C
White



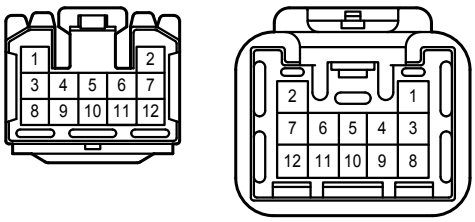
AE9
White



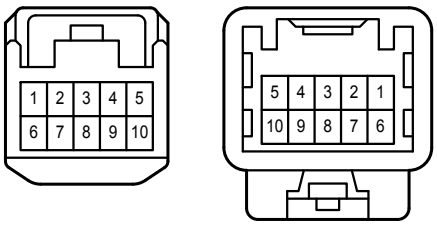
AE11
White

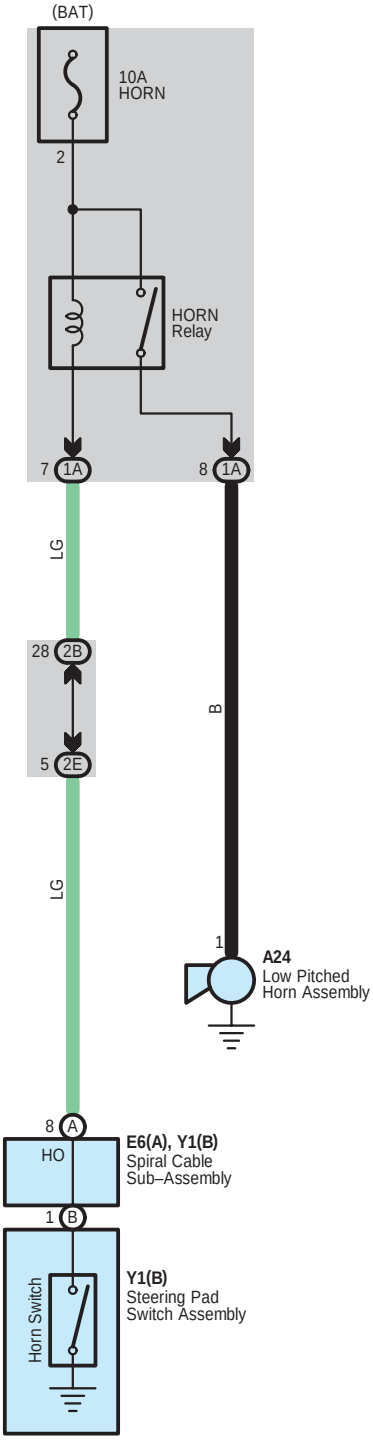


BA1
White

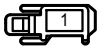


EF1
White



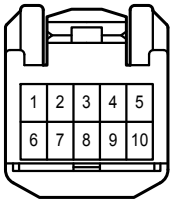

(BAT)
10A
HORN
2
HORN
Relay
7
1A
8
1A
LG
28
2B
5
2E
B
LG
1
A24
Low Pitched
Horn Assembly
8
A
HO
E6(A), Y1(B)
Spiral Cable
Sub–Assembly
1
B
Horn Switch
Y1(B)
Steering Pad
Switch Assembly

A 24
Black

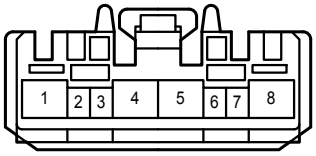


E 6
Black

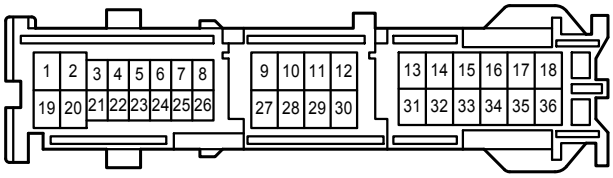
Y 1
White



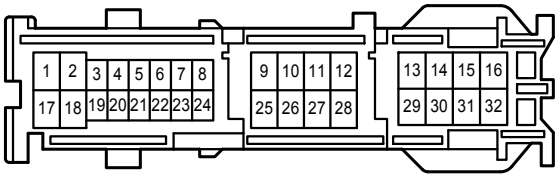
1A
White

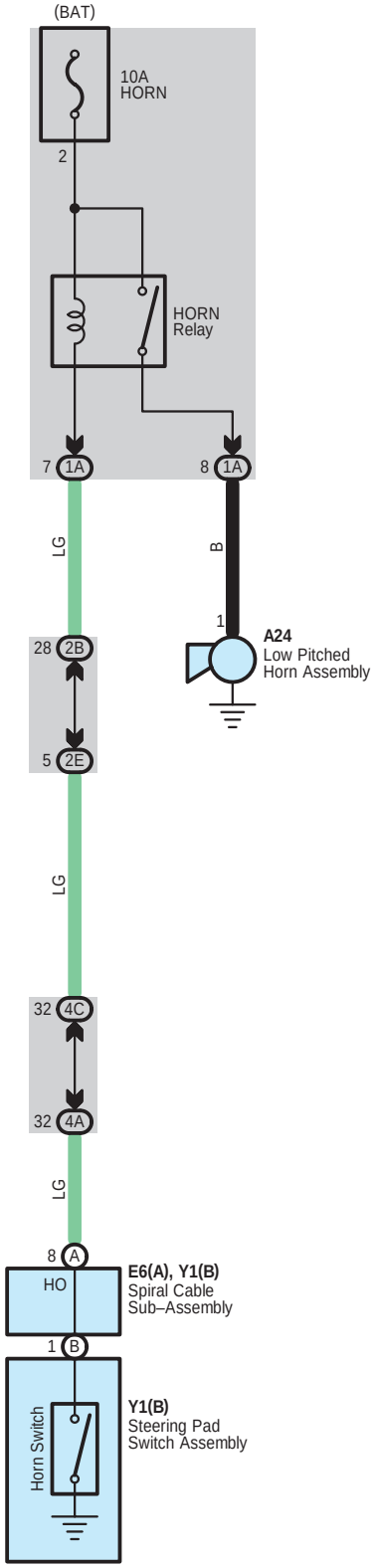


2B
White

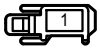


2E
White



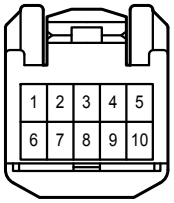

(BAT)
10A
HORN
2
HORN
Relay
7 1A
8 1A
LG
B
1
A24
Low Pitched
Horn Assembly
28 2B
5 2E
LG
32 4C
32 4A
LG
8 A
HO
E6(A), Y1(B)
Spiral Cable
Sub–Assembly
1 B
Horn Switch
Y1(B)
Steering Pad
Switch Assembly

A 24
Black

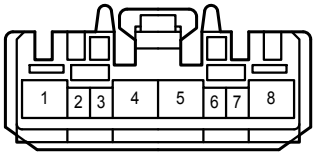


E 6
Black

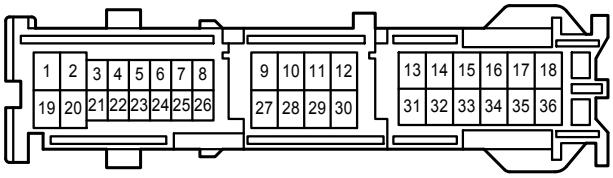
Y 1
White



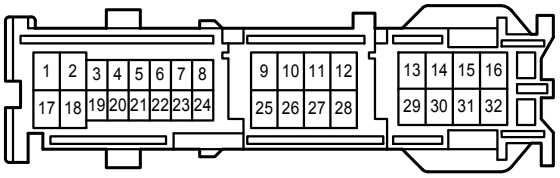
1A
White



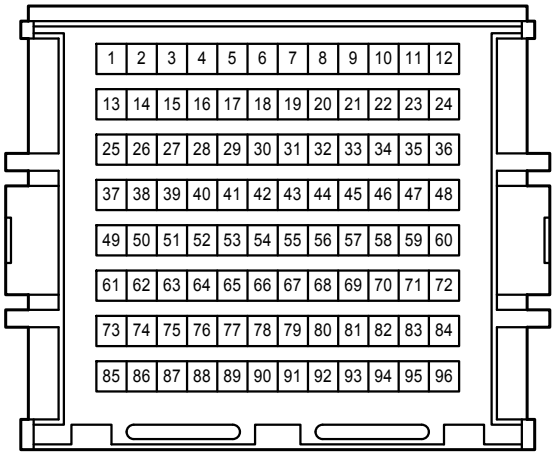
2B
White



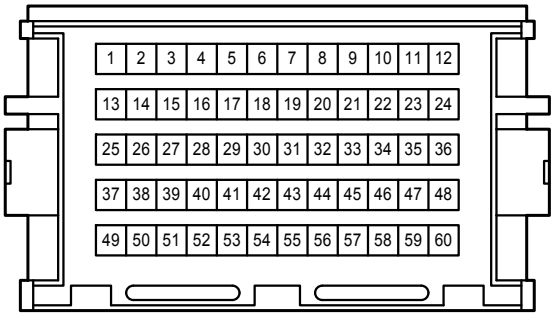
2E
White

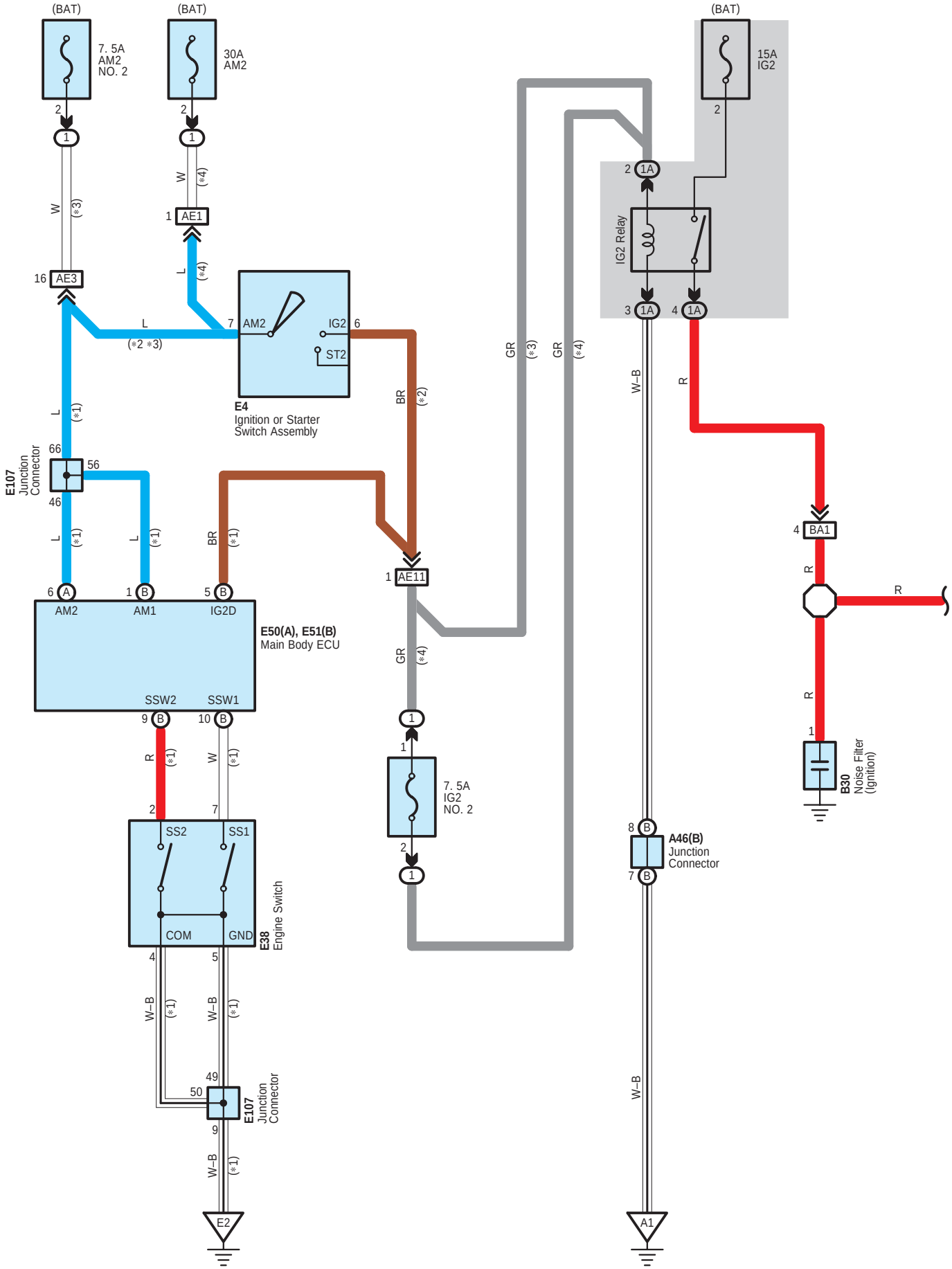


4A
White

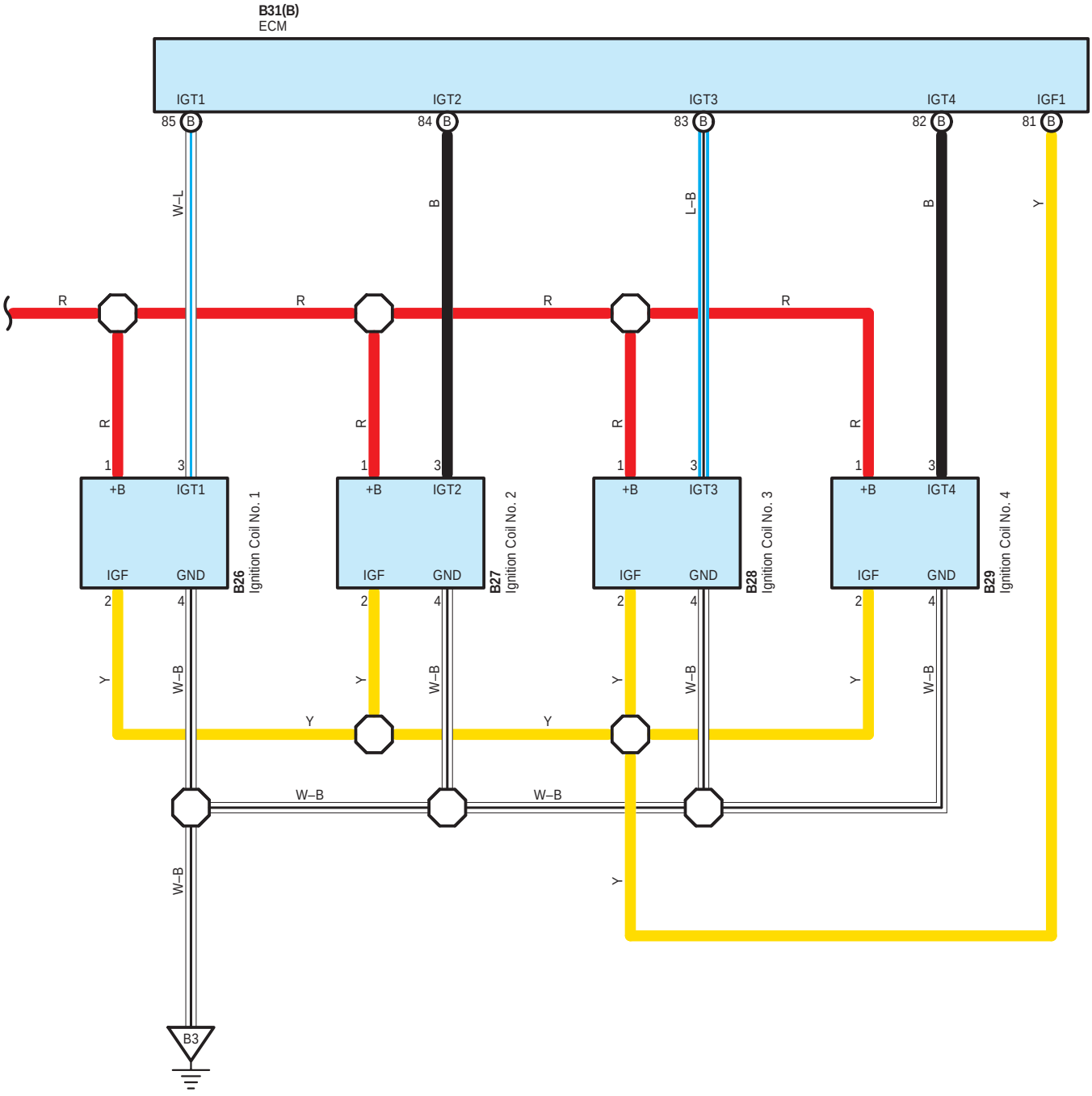


4C
White

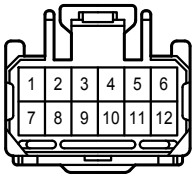



(BAT)
7. 5A
AM2
NO. 2
(BAT)
30A
AM2
(BAT)
15A
IG2
IG2 Relay
E4
Ignition or Starter
Switch Assembly
AM2
IG2
ST2
E107
Junction
Connector
E50(A), E51(B)
Main Body ECU
AM2
AM1
IG2D
SSW2
SSW1
E38
Engine Switch
SS2
SS1
COM
GND
E107
Junction
Connector
7. 5A
IG2
NO. 2
A46(B)
Junction
Connector
B30
Noise Filter
(Ignition)
E2
A1

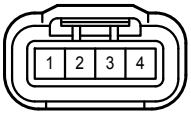
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : 2ZR–FE
* 4 : 2AZ–FE



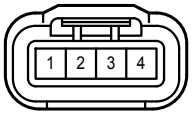
A 46
White



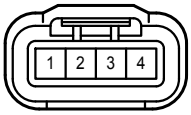
B 26
Black



B 27
Gray



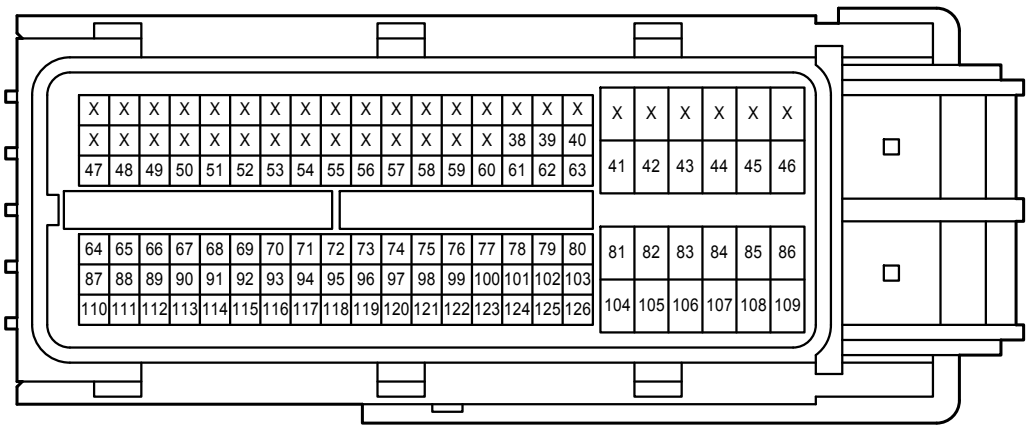
B 28
Black



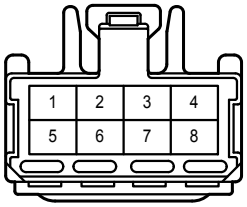
B 29
Gray

B 30
Gray

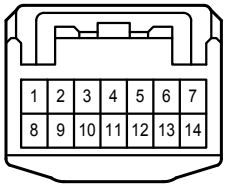
B 31
Black



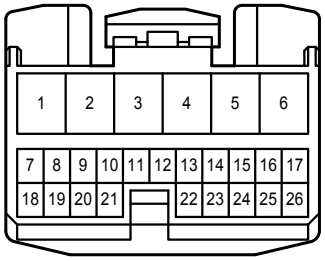
E 4
White



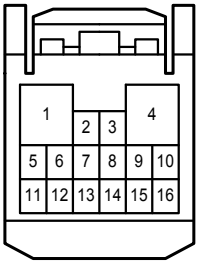
E 38
Black



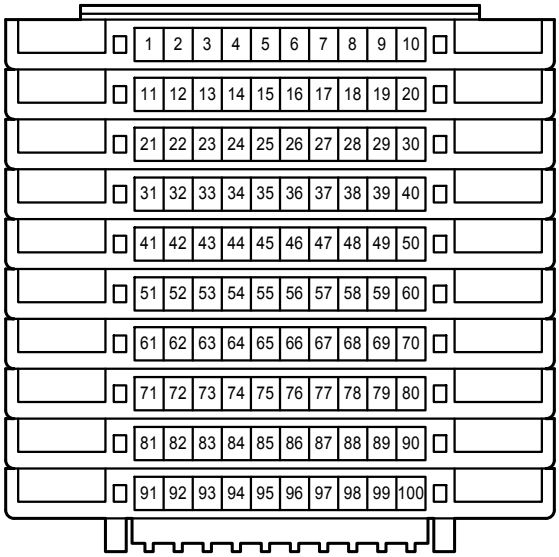
E 50
White



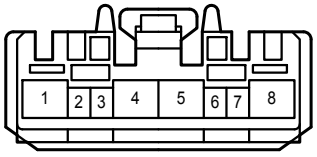
E 51
White



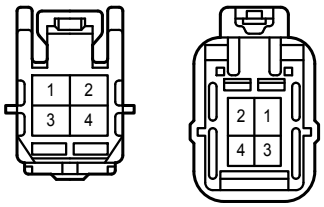
E107
White



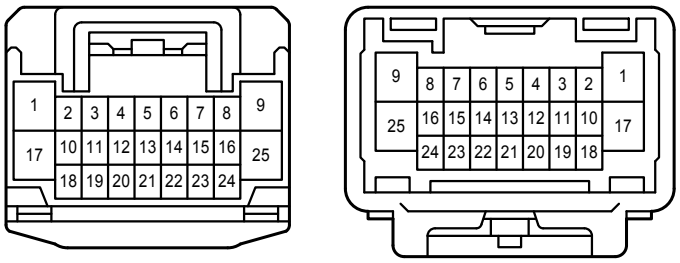
1A
White



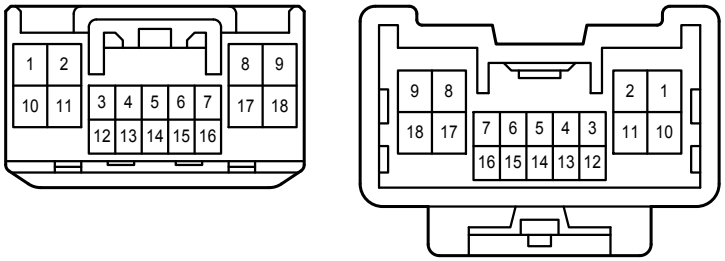
AE1
White



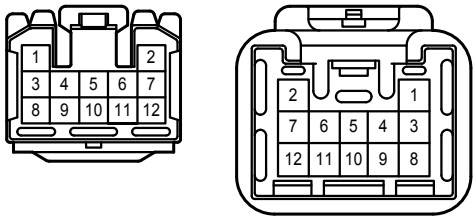
AE3
White

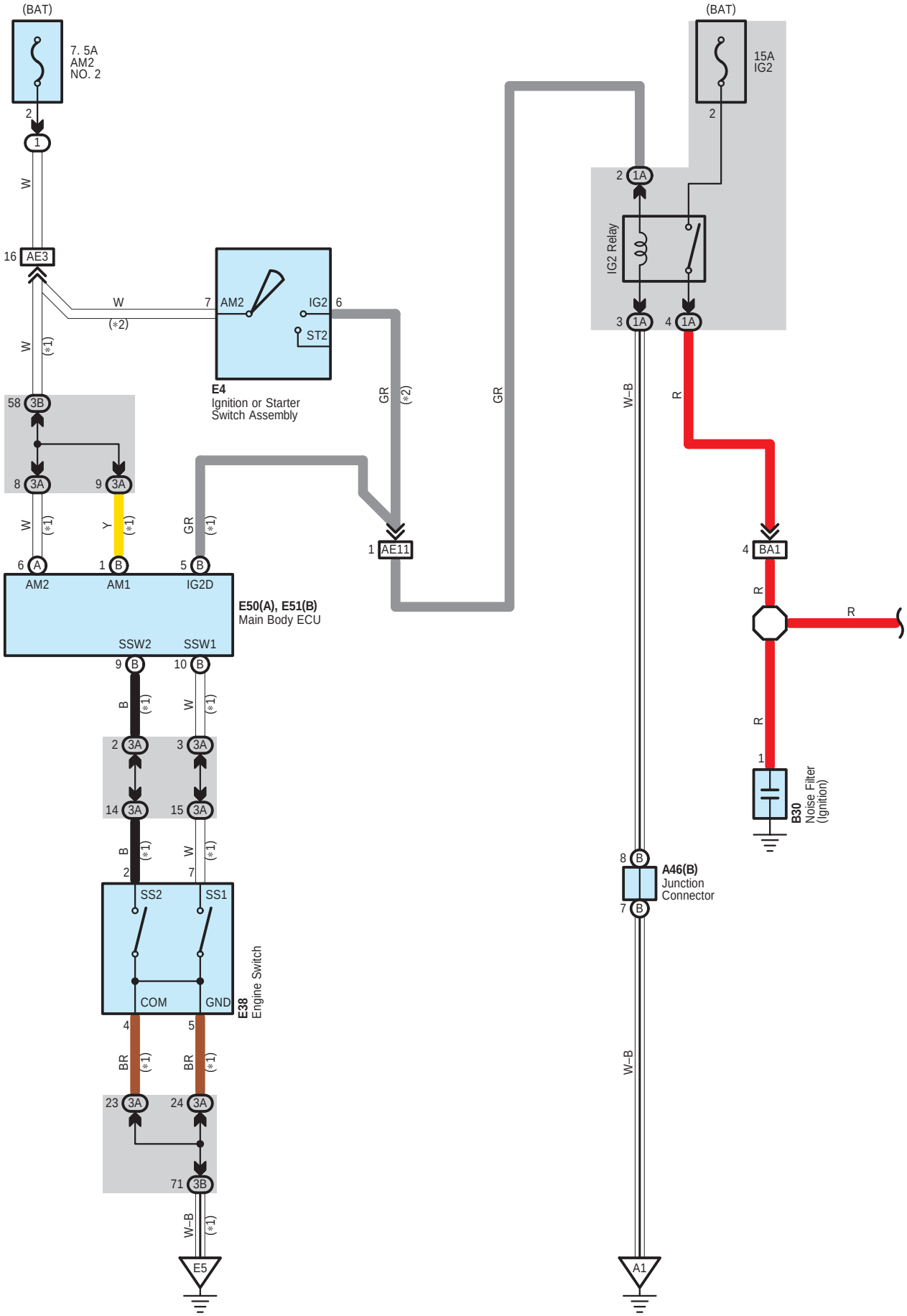


AE11
White

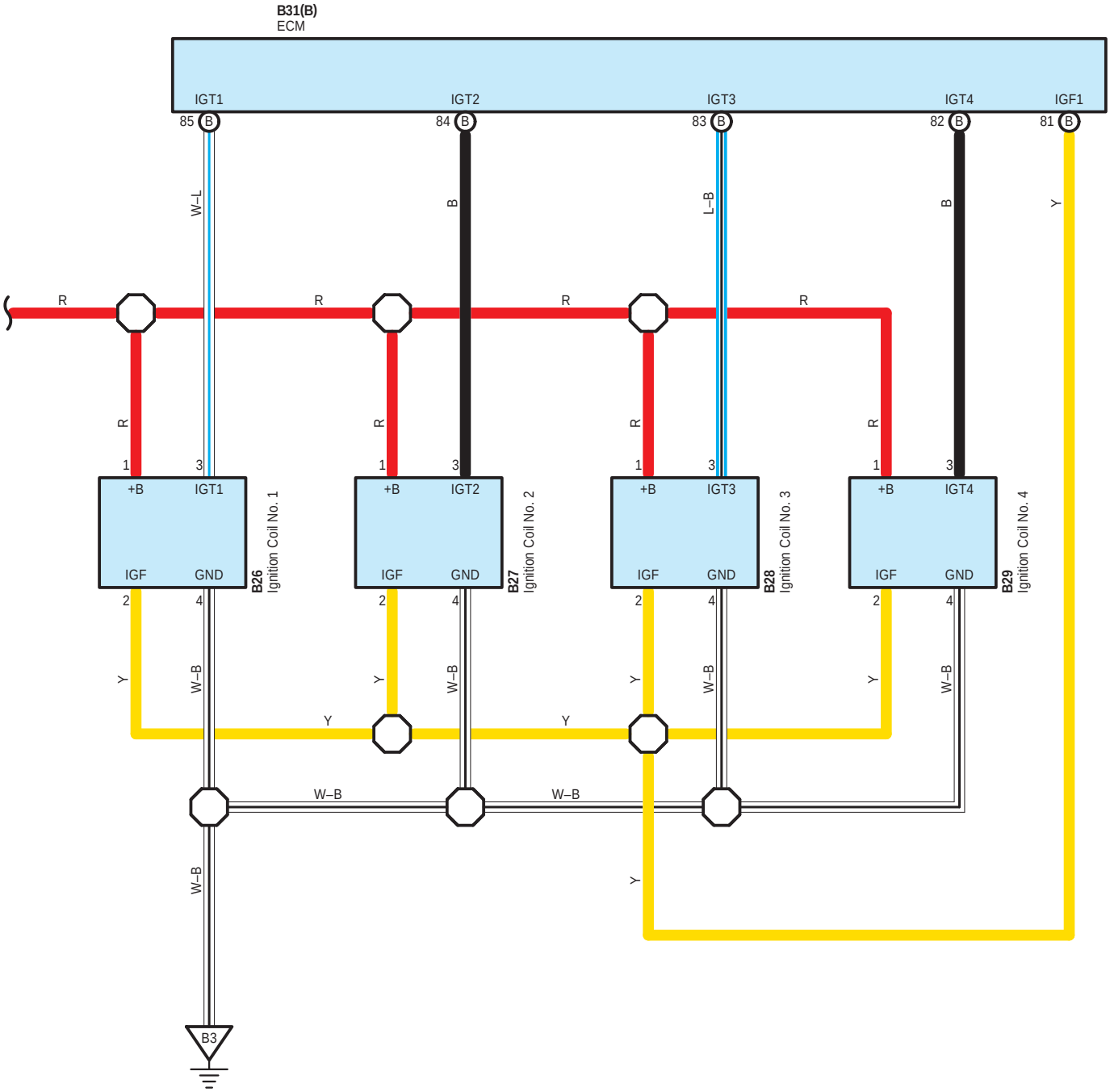


BA1
White

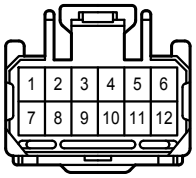



(BAT)
7. 5A
AM2
NO. 2
2
1
W
16 AE3
W
(*2)
W
(*1)
7 AM2
IG2 6
ST2
E4
Ignition or Starter
Switch Assembly
GR
(*2)
GR
58 3B
8 3A
9 3A
W
(*1)
Y
(*1)
GR
(*1)
6 A
1 B
5 B
AM2
AM1
IG2D
E50(A), E51(B)
Main Body ECU
1 AE11
SSW2
SSW1
9 B
10 B
B
(*1)
W
(*1)
2 3A
3 3A
14 3A
15 3A
B
(*1)
W
(*1)
2
7
SS2
SS1
COM
GND
E38
Engine Switch
4
5
BR
(*1)
BR
(*1)
23 3A
24 3A
71 3B
W–B
(*1)
E5
(BAT)
15A
IG2
2
2 1A
IG2 Relay
3 1A
4 1A
W–B
R
4 BA1
R
R
R
1
B30
Noise Filter
(Ignition)
8 B
7 B
A46(B)
Junction
Connector
W–B
A1

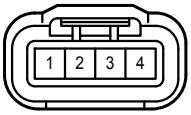
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System



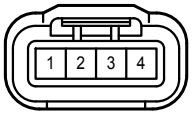
A 46
White



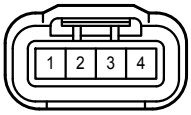
B 26
Black



B 27
Gray



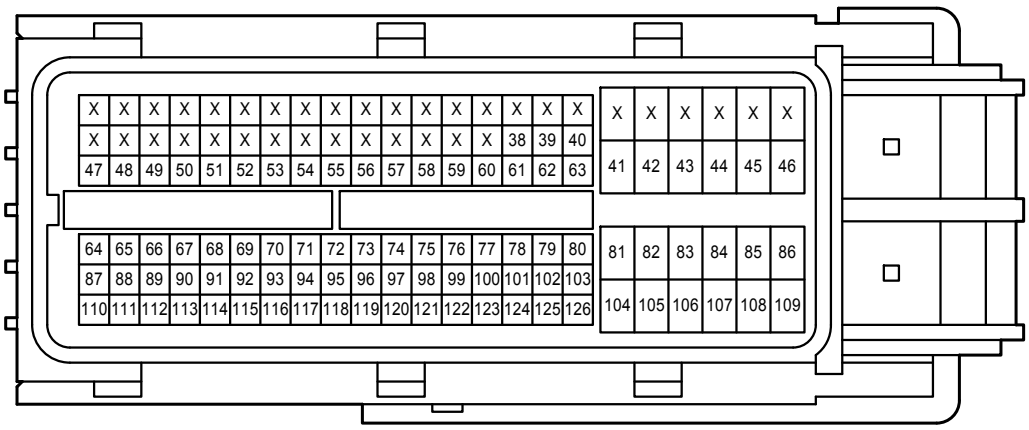
B 28
Black



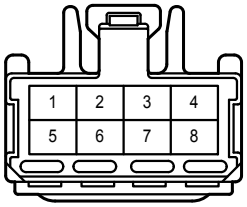
B 29
Gray

B 30
Gray

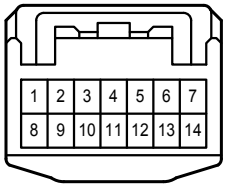
B 31
Black



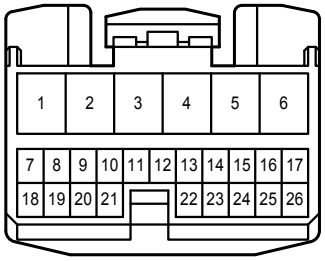
E 4
White



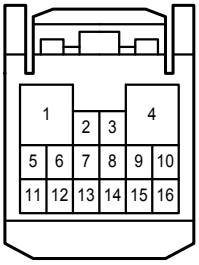
E 38
Black



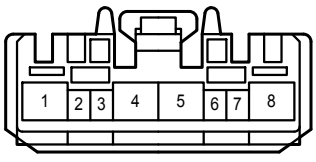
E 50
White



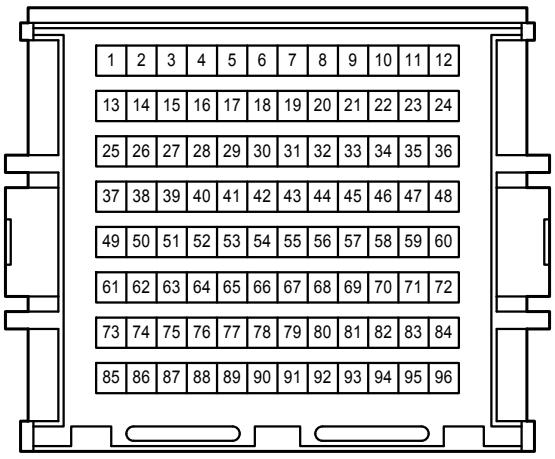
E 51
White



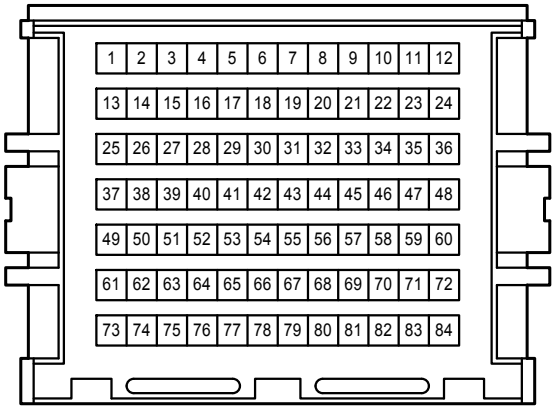
1A
White



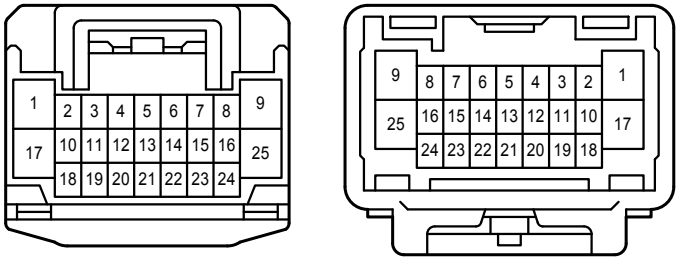
3A
White



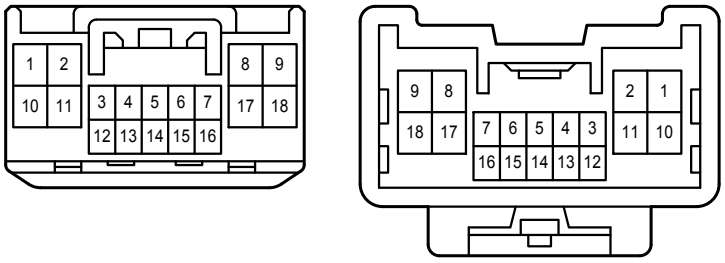
3B
White



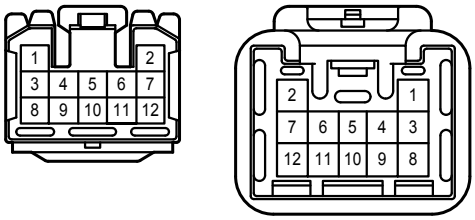
AE3
White

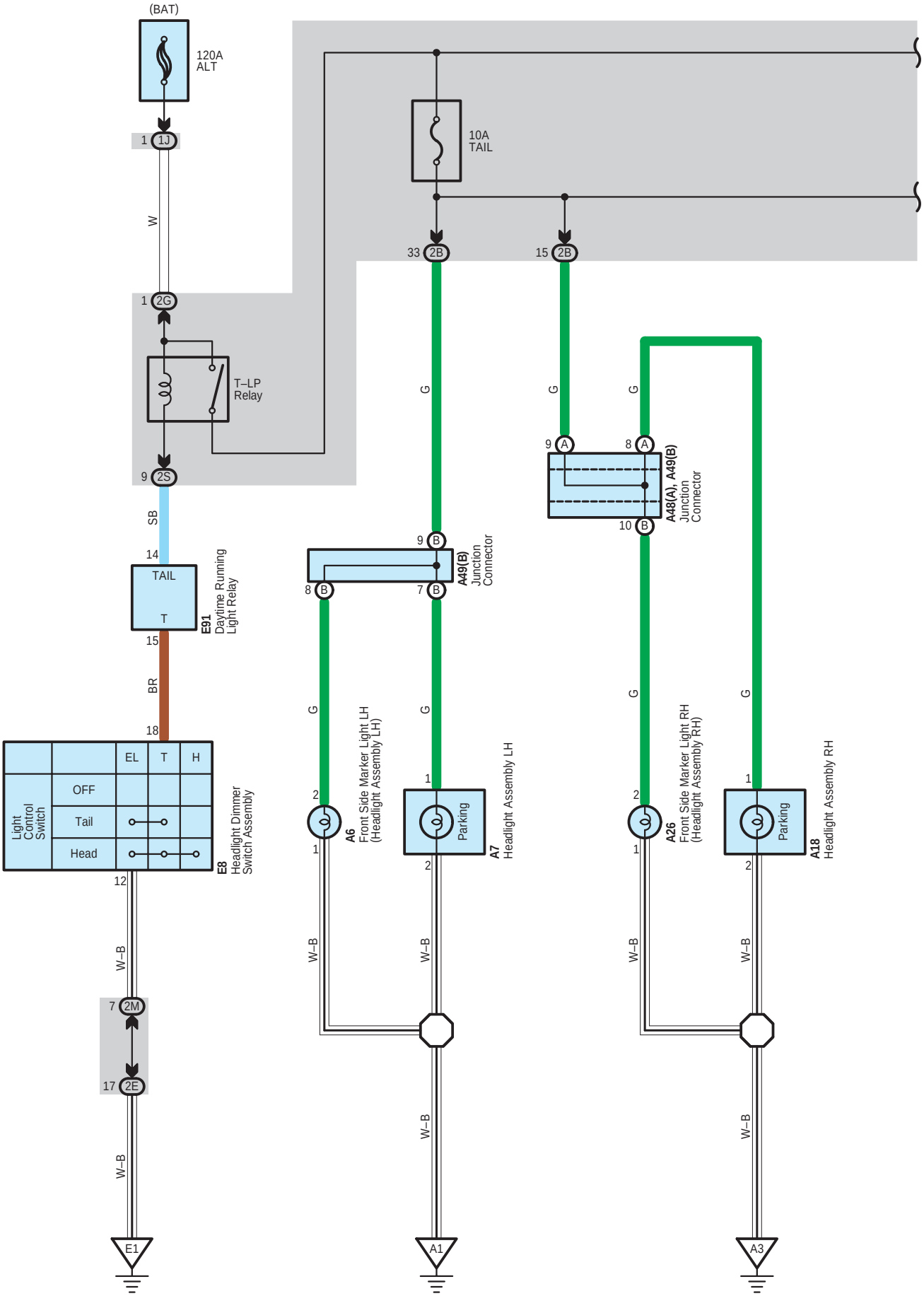


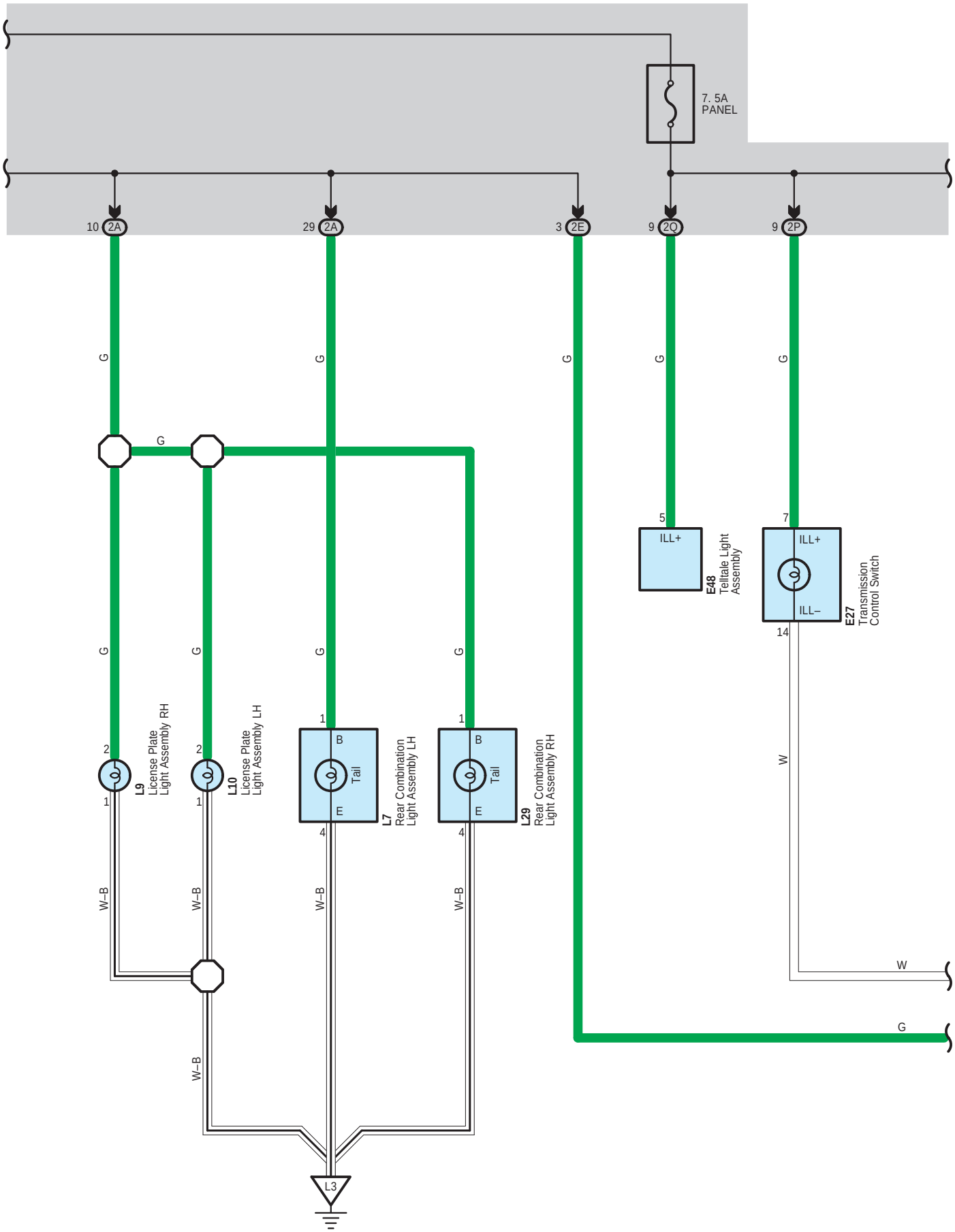
AE11
White

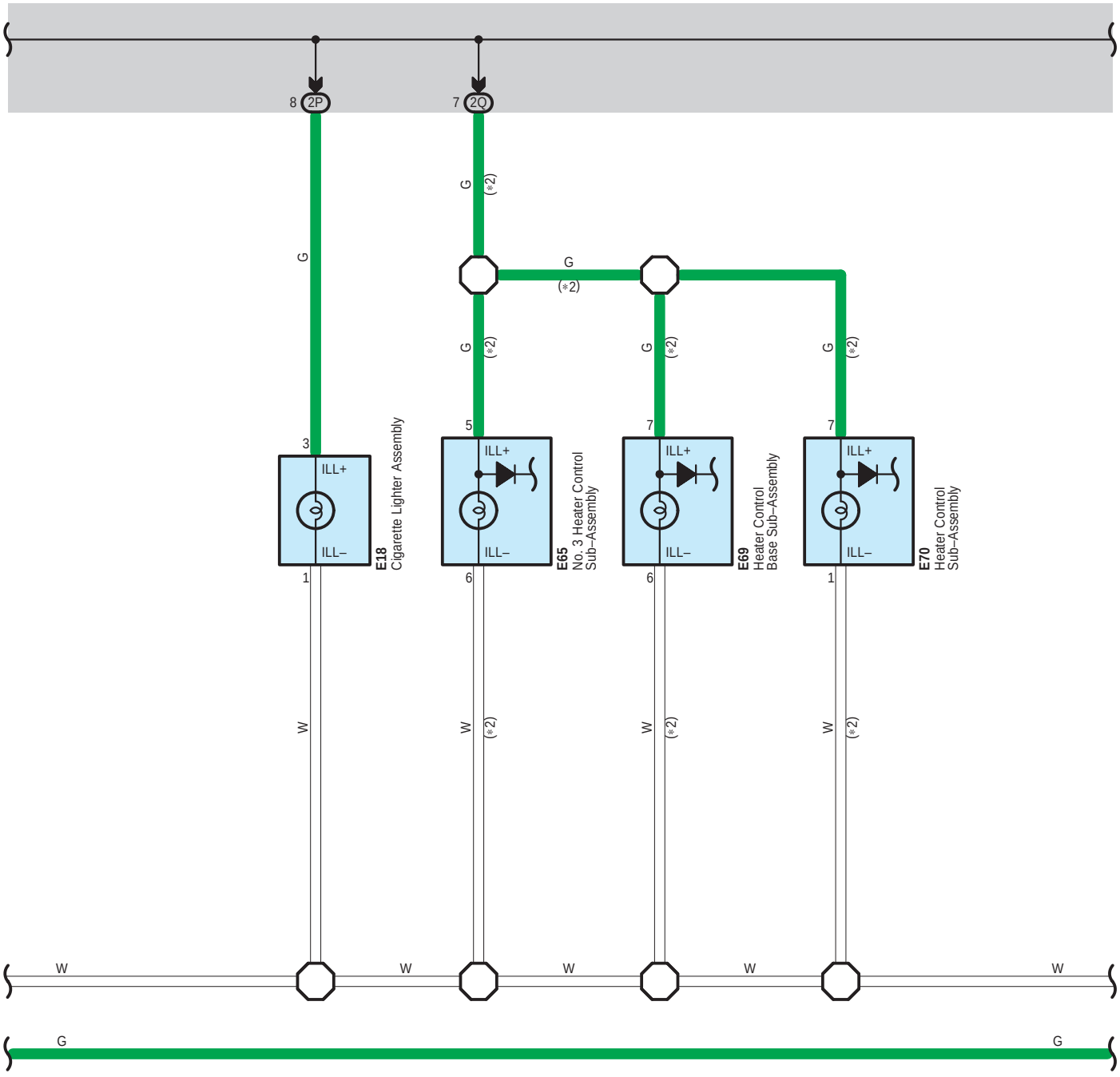


BA1
White

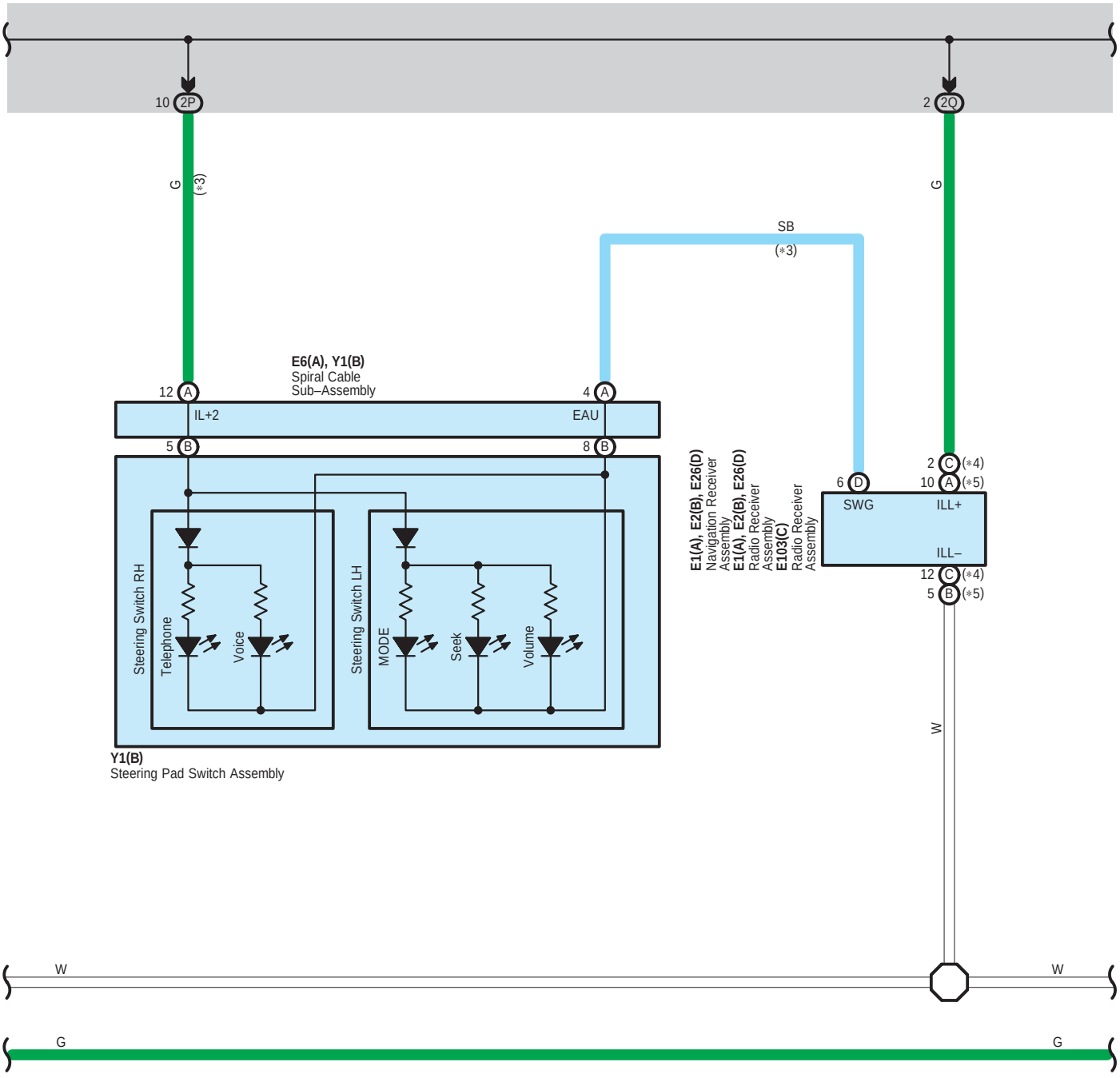



(BAT)
120A
ALT
1 1J
W
1 2G
T–LP
Relay
9 2S
SB
14
TAIL
T
E91
Daytime Running
Light Relay
15
BR
18
EL T H
OFF
Tail
Head
Light
Control
Switch
E8
Headlight Dimmer
Switch Assembly
12
W–B
7 2M
17 2E
W–B
E1
10A
TAIL
33 2B
15 2B
G
9 B
8 B
7 B
A49(B)
Junction
Connector
G
2
A6
Front Side Marker Light LH
(Headlight Assembly LH)
1
W–B
1
Parking
2
A7
Headlight Assembly LH
W–B
A1
G
9 A
8 A
A48(A), A49(B)
Junction
Connector
10 B
G
2
A26
Front Side Marker Light RH
(Headlight Assembly RH)
1
W–B
G
1
Parking
2
A18
Headlight Assembly RH
W–B
A3

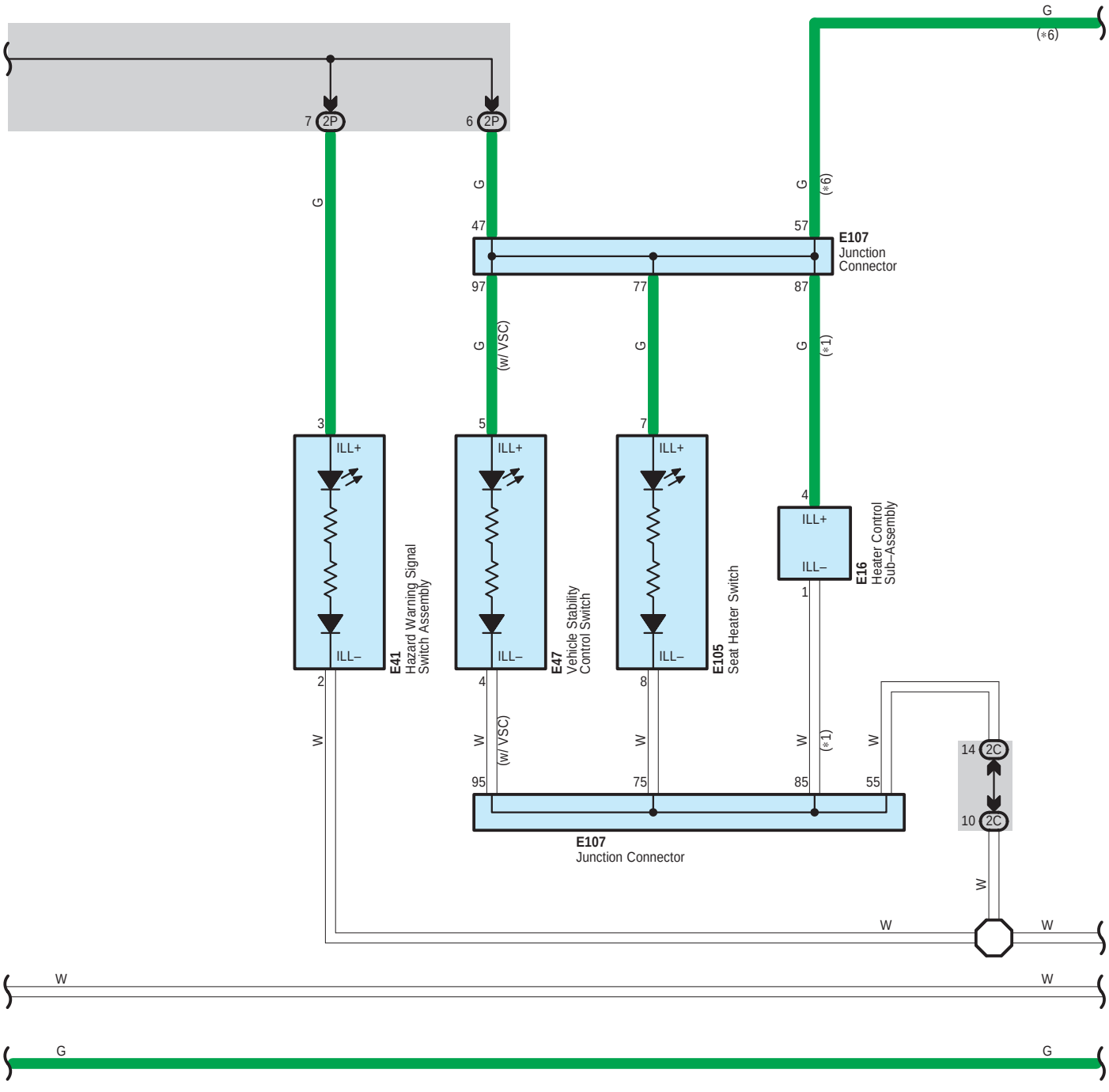

7. 5A
PANEL
10 2A
29 2A
3 2E
9 2Q
9 2P
G
W–B
W
5
ILL+
E48
Telltale Light
Assembly
7
ILL+
ILL–
E27
Transmission
Control Switch
14
2
1
L9
License Plate
Light Assembly RH
L10
License Plate
Light Assembly LH
B
Tail
E
L7
Rear Combination
Light Assembly LH
L29
Rear Combination
Light Assembly RH
4
L3

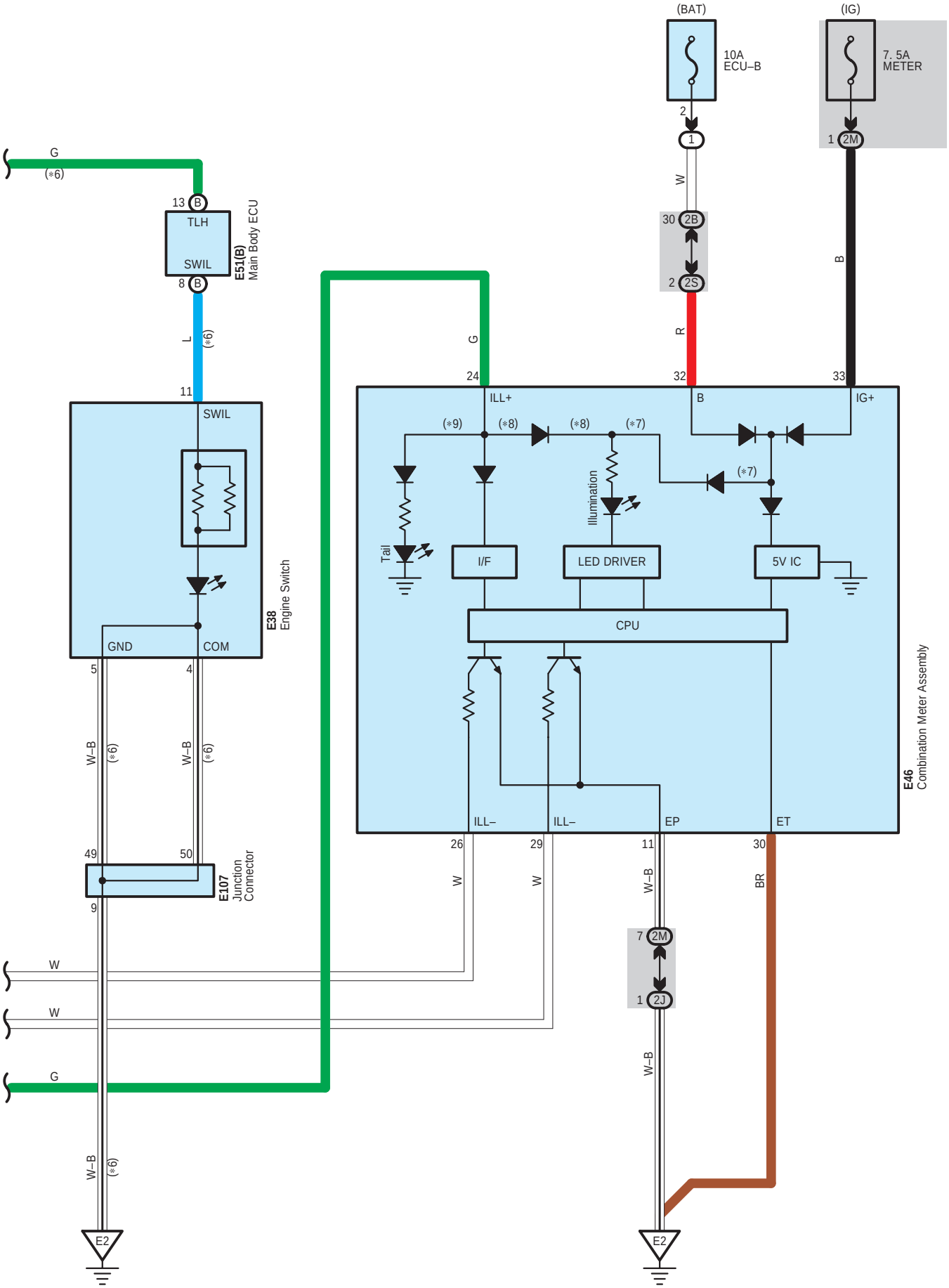

8 2P
7 2Q
G
(*2)
3
ILL+
ILL–
1
E18
Cigarette Lighter Assembly
5
6
E65
No. 3 Heater Control Sub–Assembly
7
E69
Heater Control Base Sub–Assembly
E70
Heater Control Sub–Assembly
W
W
W
W
W
G
G

∗ 2 : Manual A/C
∗ 3 : w/ Steering Pad Switch
∗ 4 : Separate Type Amplifier
∗ 5 : Built–In Type Amplifier

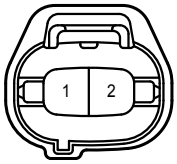


∗ 1 : Automatic A/C
∗ 6 : w/ Smart Key System
∗ 7 : Optitron Meter
∗ 8 : Except Optitron Meter
∗ 9 : Optitron Meter Except USA




(BAT)
10A
ECU–B
2
1
W
30 2B
2 2S
R
(IG)
7. 5A
METER
1 2M
B
G
(*6)
13 B
TLH
SWIL
8 B
E51(B)
Main Body ECU
L
(*6)
11
SWIL
GND
COM
E38
Engine Switch
5
4
W–B
(*6)
W–B
(*6)
49
50
E107
Junction
Connector
9
W
W
G
W–B
(*6)
E2
G
24
ILL+
(*9)
(*8)
(*8)
(*7)
(*7)
Illumination
Tail
I/F
LED DRIVER
5V IC
CPU
ILL–
ILL–
EP
ET
26
29
11
30
W
W
W–B
BR
7 2M
1 2J
W–B
E2
32
B
33
IG+
E46
Combination Meter Assembly

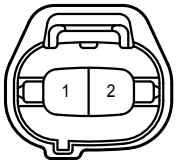
A 6
Black



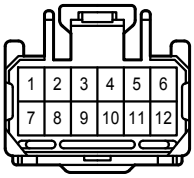
A 7
Gray

A 18
Gray

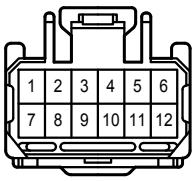
A 26
Black



A 48
White



A 49
White



E 1
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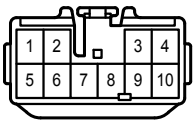
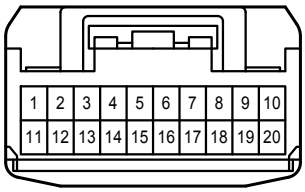


E 2
White

E 6
Black

E 8
White



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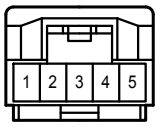

E 18
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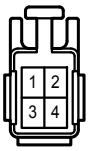

E 26
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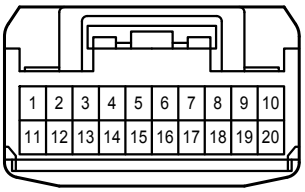

E 27
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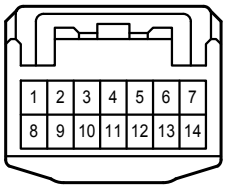

E 38
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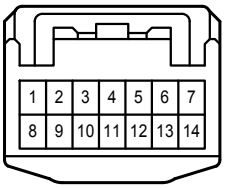

E 41
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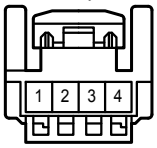

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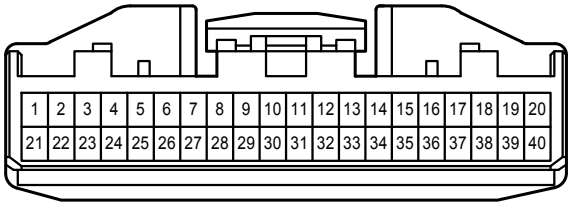

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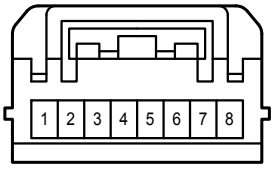

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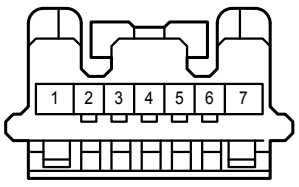

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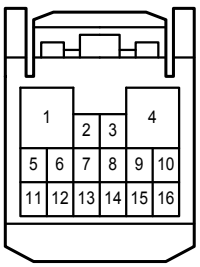

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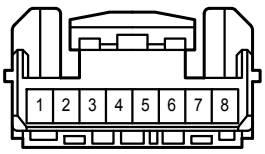

E 69
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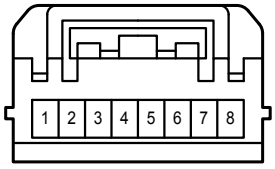

E 70
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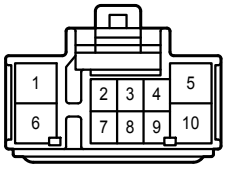

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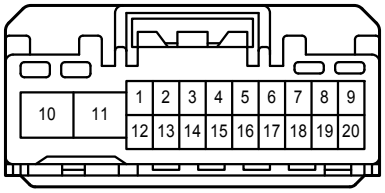

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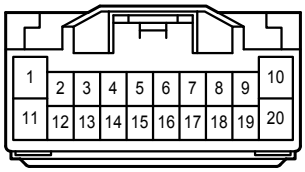

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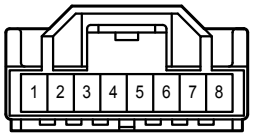

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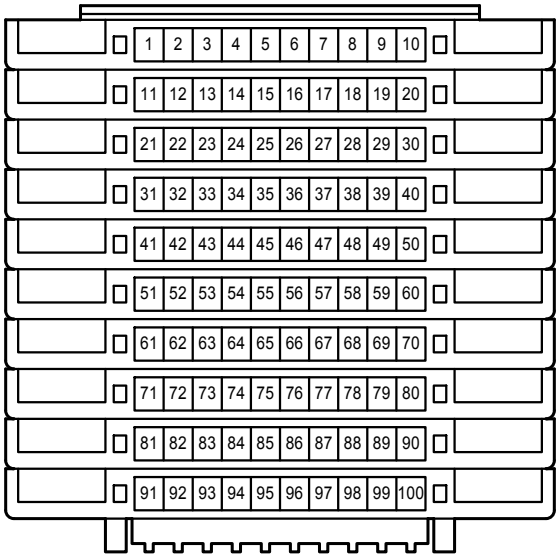
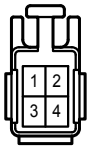


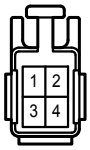
L 7
White



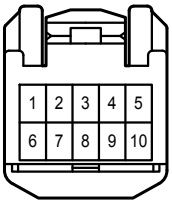
L 9
Black

L 10
Black

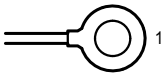
L 29
White



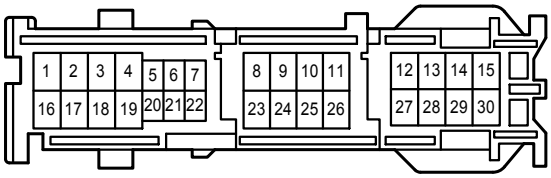
Y 1
White



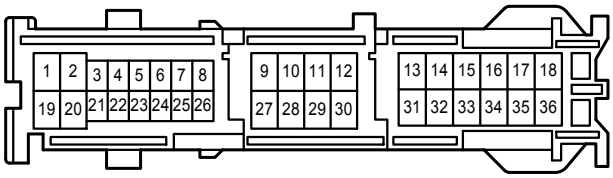
1J



2A
White



2B
White



2C
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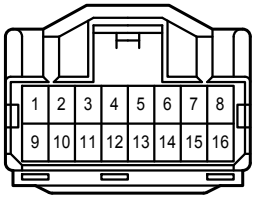

2E
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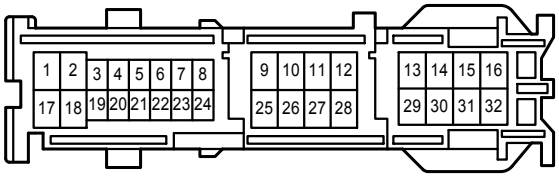
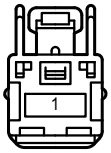
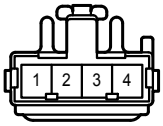


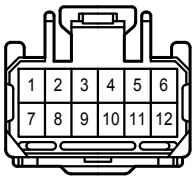
2G
White



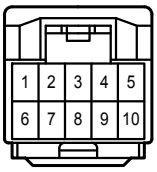
2J
White



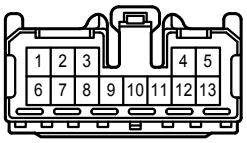
2M
White



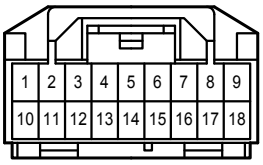
2P
White

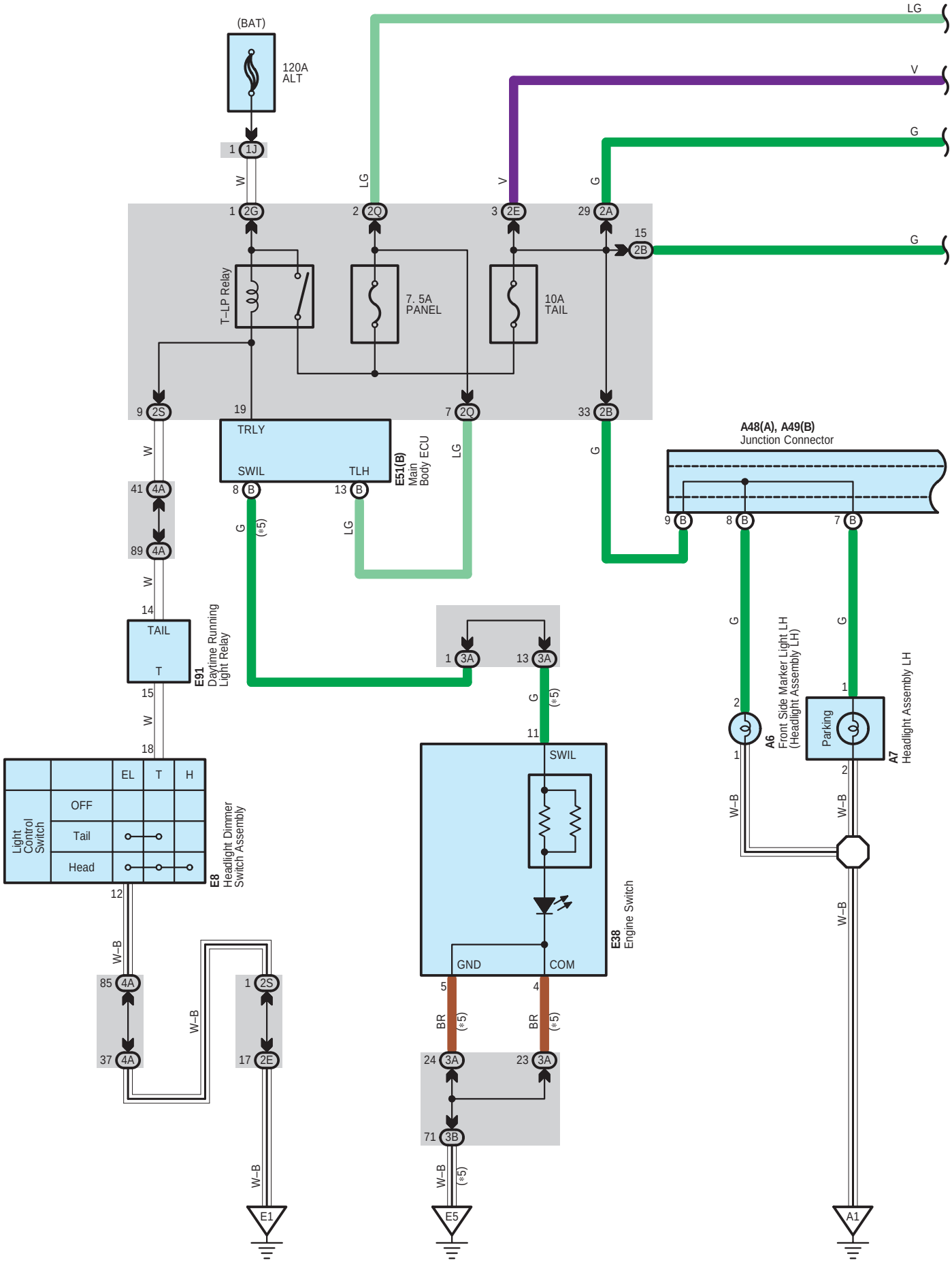


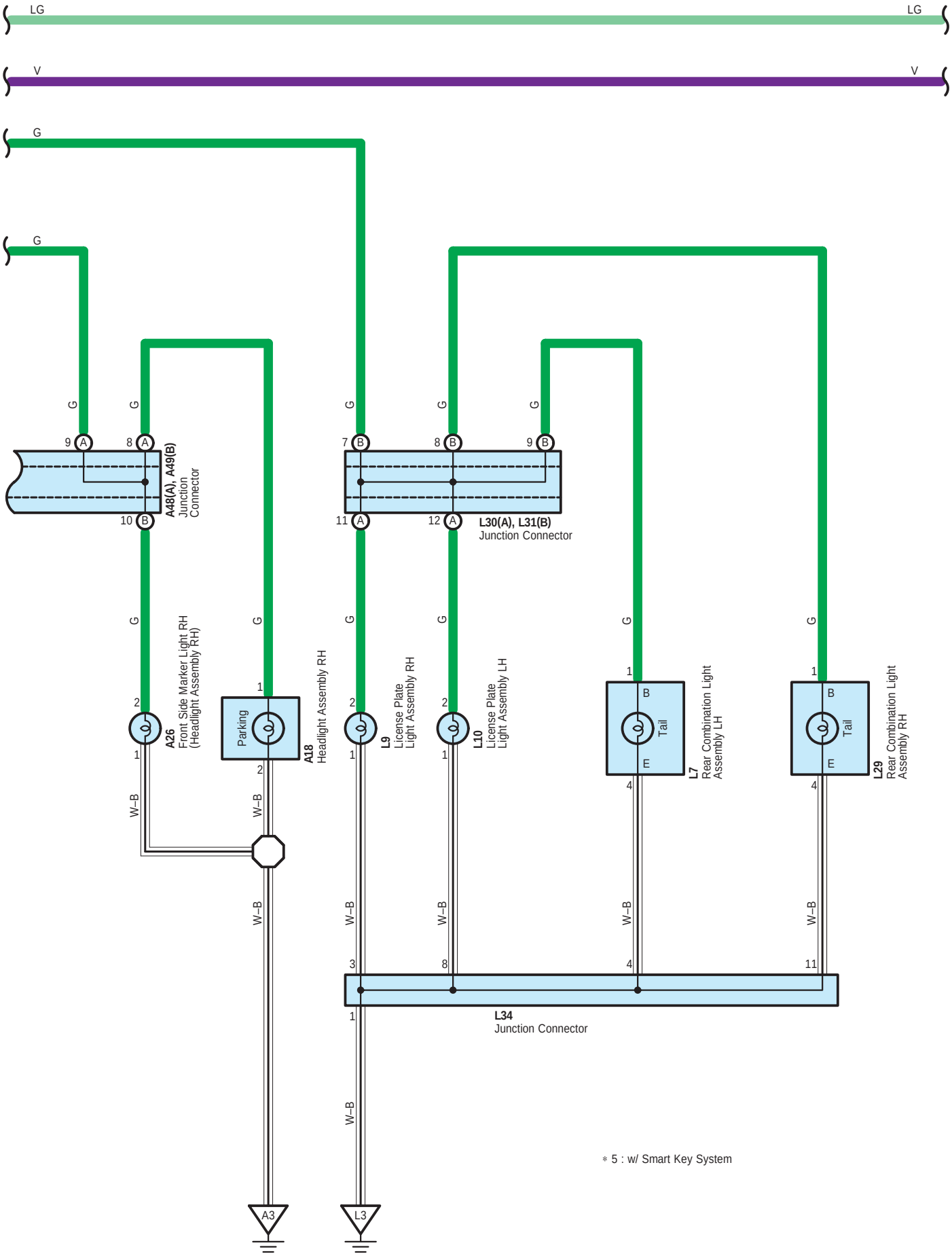
2Q
White

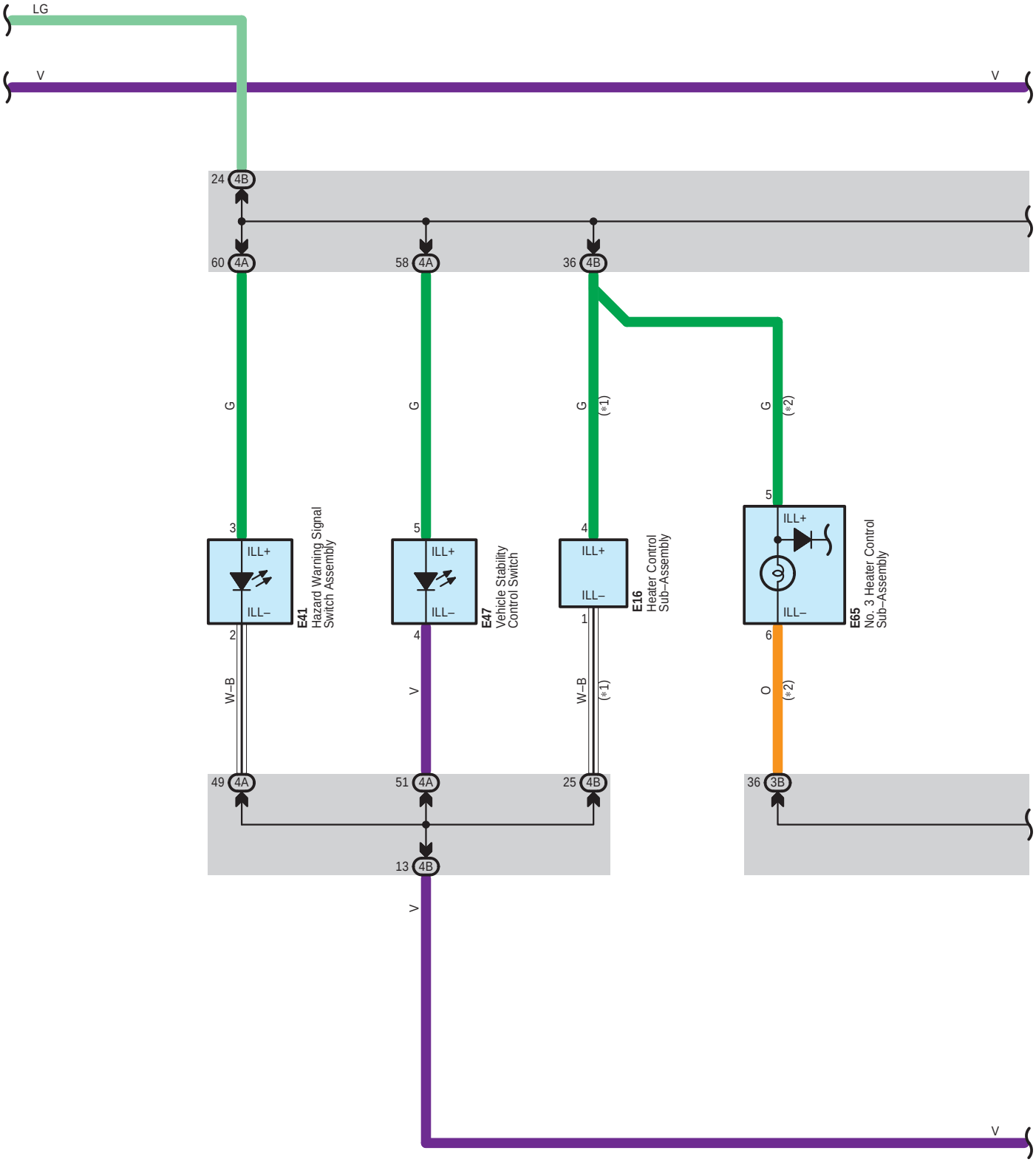


2S
White

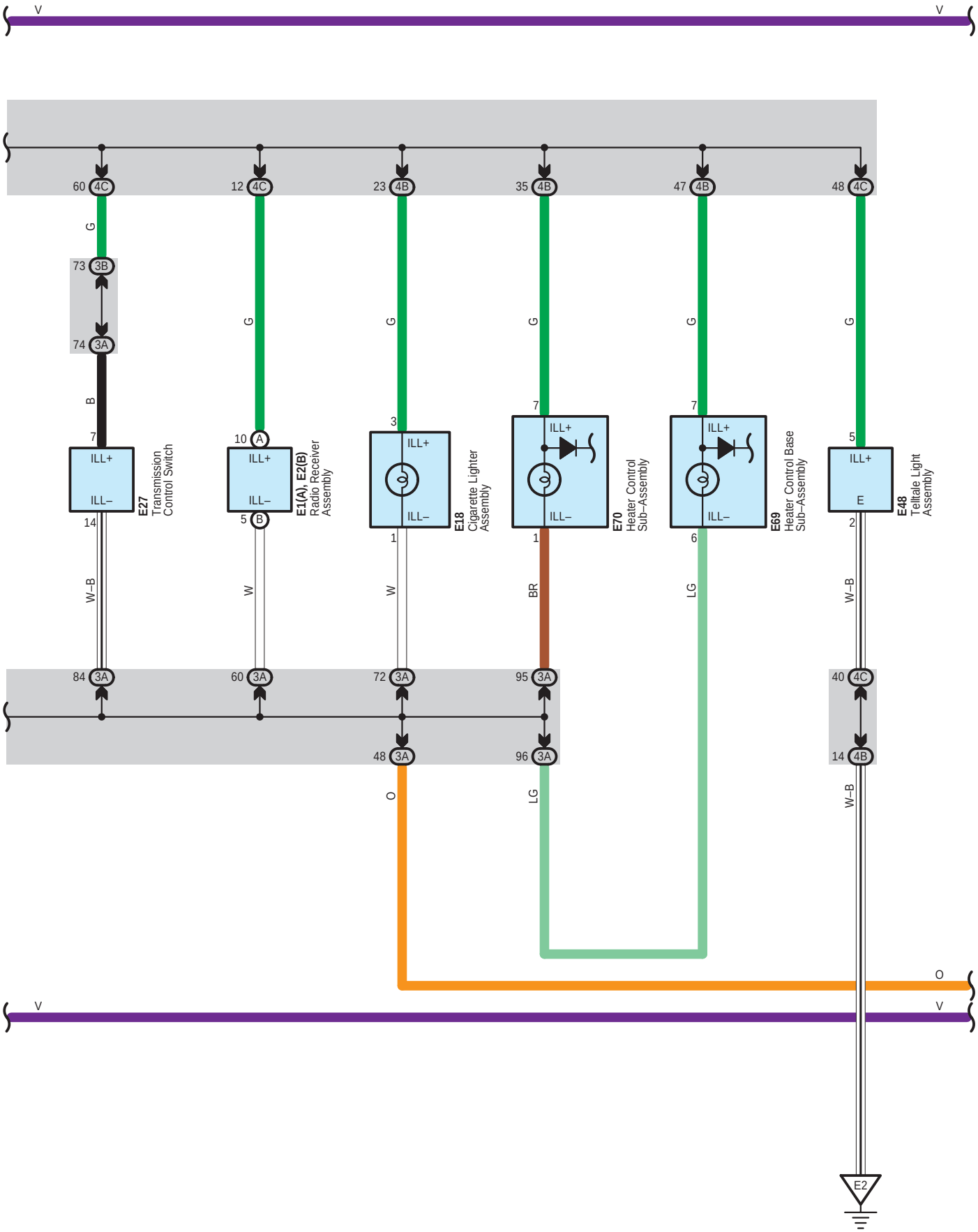


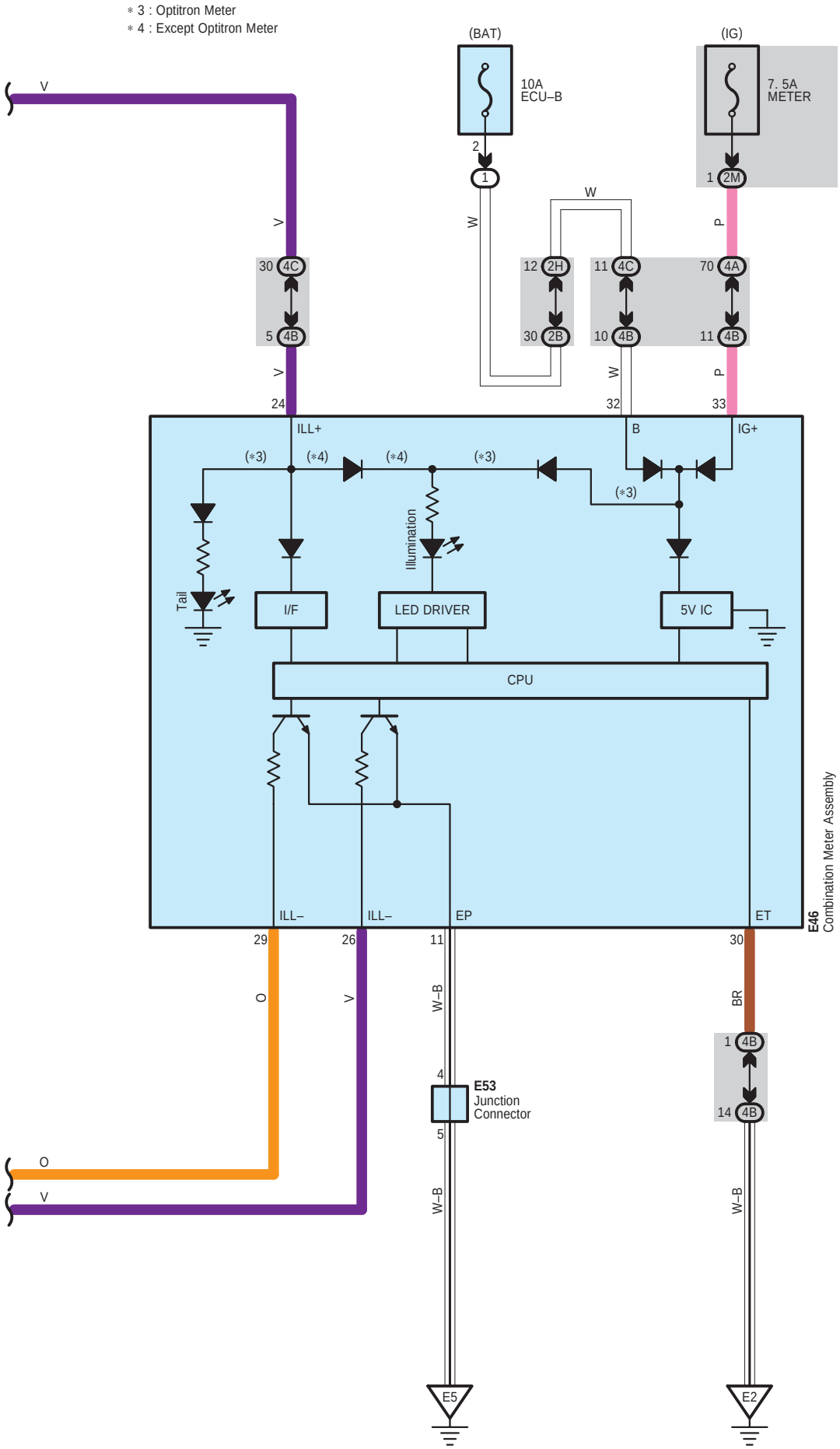

(BAT)
120A
ALT
1 1J
W
1 2G
LG
2 2Q
V
3 2E
G
29 2A
15
2B
G
T–LP Relay
7. 5A
PANEL
10A
TAIL
9 2S
19
7 2Q
33 2B
TRLY
SWIL
TLH
8 B
13 B
E51(B)
Main
Body ECU
LG
G
A48(A), A49(B)
Junction Connector
9 B
8 B
7 B
41 4A
89 4A
W
14
TAIL
T
E91
Daytime Running
Light Relay
15
W
18
1 3A
13 3A
G
(*5)
11
SWIL
GND
COM
E38
Engine Switch
5
4
BR
(*5)
24 3A
23 3A
71 3B
W–B
E5
G
2
1
A6
Front Side Marker Light LH
(Headlight Assembly LH)
Parking
A7
Headlight Assembly LH
W–B
A1
EL
T
H
OFF
Tail
Head
Light
Control
Switch
E8
Headlight Dimmer
Switch Assembly
12
W–B
85 4A
37 4A
1 2S
17 2E
W–B
E1


LG
LG
V
V
G
G
A48(A), A49(B)
Junction
Connector
L30(A), L31(B)
Junction Connector
A26
Front Side Marker Light RH
(Headlight Assembly RH)
Parking
A18
Headlight Assembly RH
L9
License Plate
Light Assembly RH
L10
License Plate
Light Assembly LH
Tail
L7
Rear Combination Light
Assembly LH
L29
Rear Combination Light
Assembly RH
W–B
L34
Junction Connector
A3
L3
* 5 : w/ Smart Key System

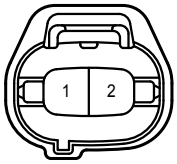

LG
V
V
24 4B
60 4A
58 4A
36 4B
G
G
G (*1)
G (*2)
3
5
4
5
ILL+
ILL–
E41
Hazard Warning Signal Switch Assembly
E47
Vehicle Stability Control Switch
E16
Heater Control Sub–Assembly
E65
No. 3 Heater Control Sub–Assembly
2
4
1
6
W–B
V
W–B (*1)
O (*2)
49 4A
51 4A
25 4B
36 3B
13 4B
V
V

* 1 : Automatic A/C
* 2 : Manual A/C




* 3 : Optitron Meter
* 4 : Except Optitron Meter
(BAT)
(IG)
10A
ECU–B
7. 5A
METER
V
W
P
30 4C
5 4B
12 2H
30 2B
11 4C
10 4B
70 4A
11 4B
24
32
33
ILL+
B
IG+
(*3)
(*4)
Illumination
Tail
I/F
LED DRIVER
5V IC
CPU
ILL–
EP
ET
E46
Combination Meter Assembly
29
26
11
30
O
W–B
BR
1 4B
14 4B
4
5
E53
Junction
Connector
E5
E2

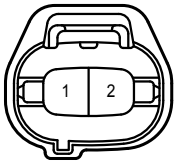
A 6
Black



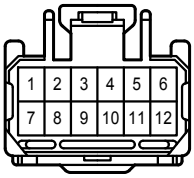
A 7
Gray

A 18
Gray

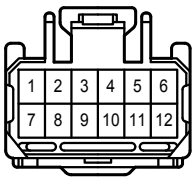
A 26
Black



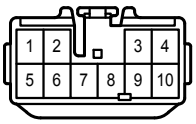
A 48
White



A 49
White

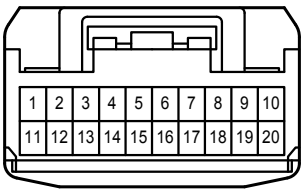


E 1
White

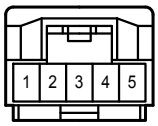


E 2
White

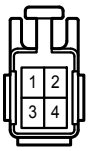
E 8
White



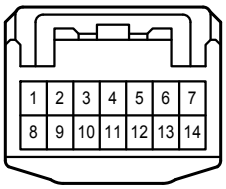
E 16
White



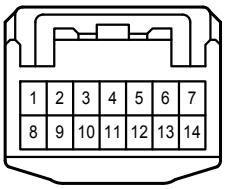
E 18
Blue



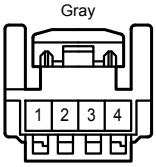
E 27
White



E 38
Black



E 41
Gray



E 46
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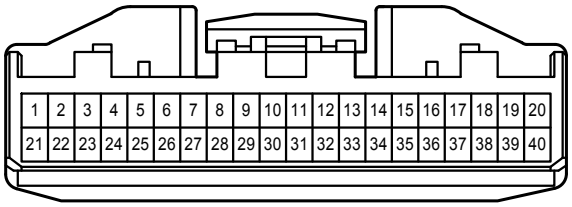

E 47
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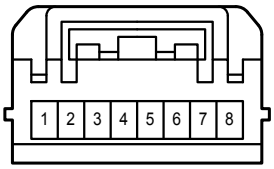
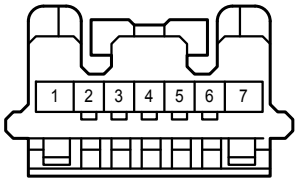


E 48
Black



E 51
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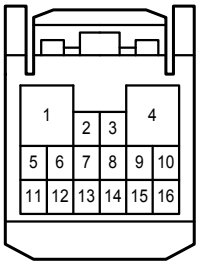
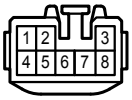


E 53
White



E 65
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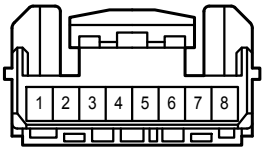
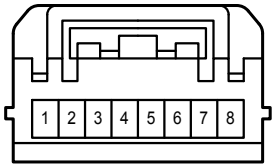
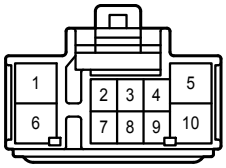


E 69
Gray



E 70
Gray



E 91
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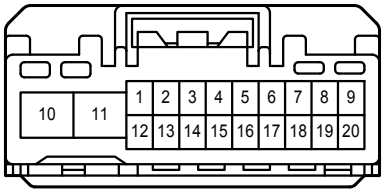

L 7
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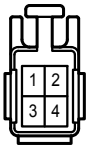
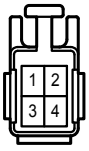


L 9
Black

L 10
Black

L 29
White



L 30
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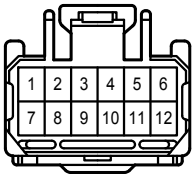
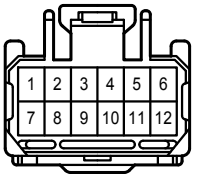
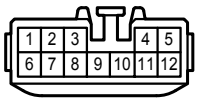


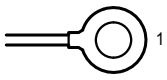
L 31
White



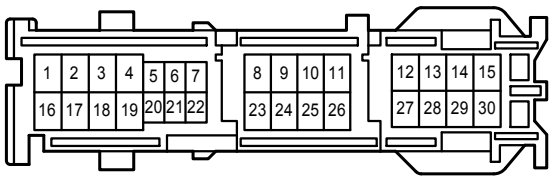
L 34
Blue



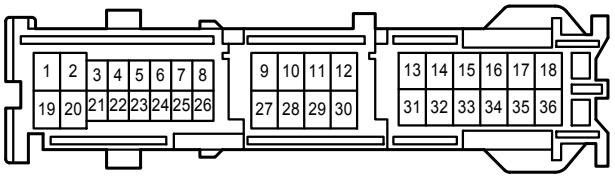
1J



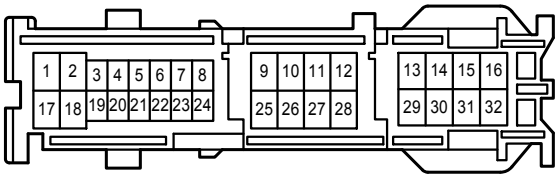
2A
White



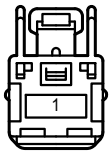
2B
White



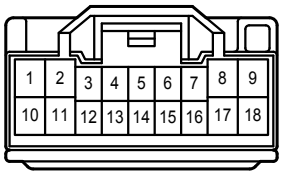
2E
White



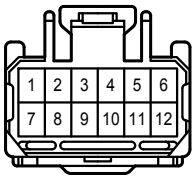
2G
White



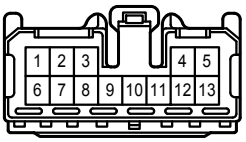
2H
White



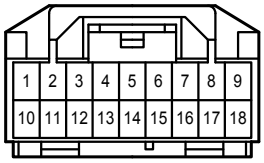
2M
White



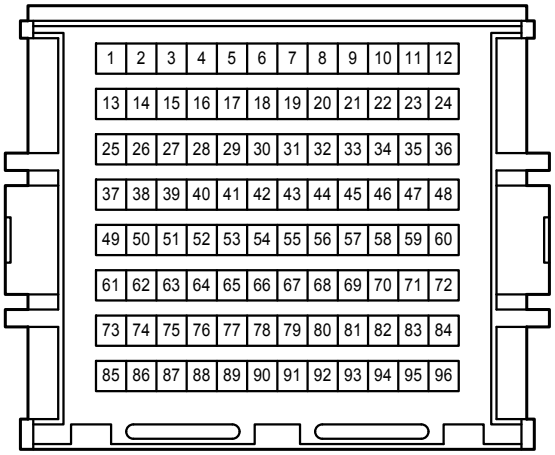
2Q
White



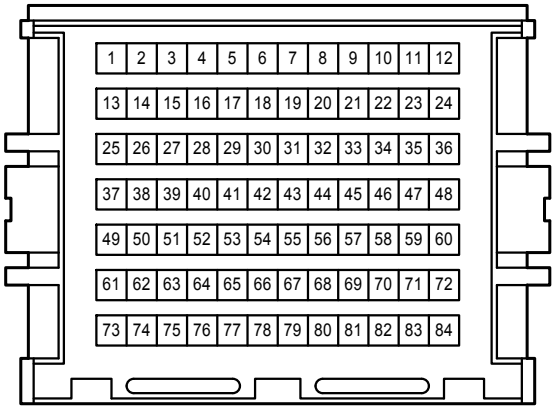
2S
White



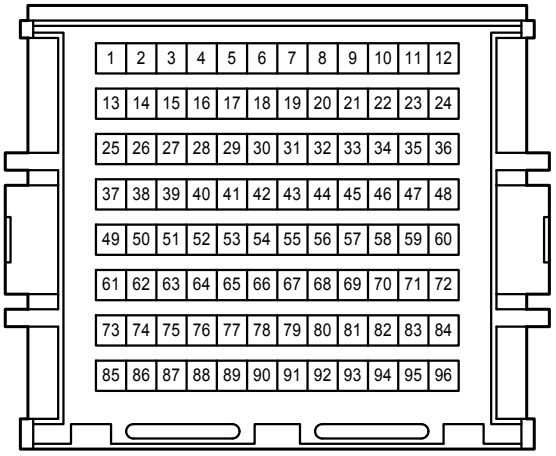
3A
White



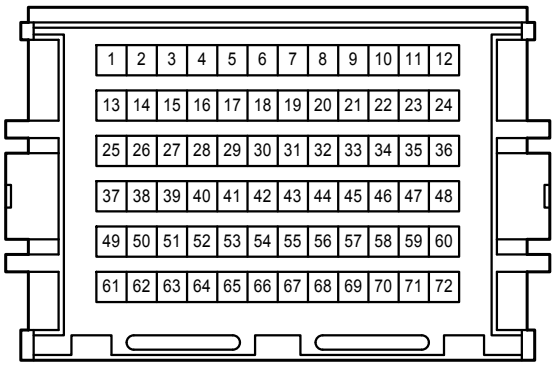
3B
White



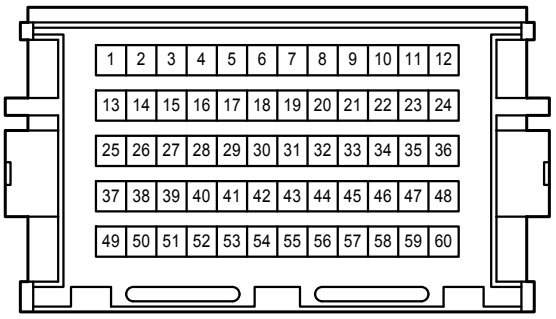
4A
White

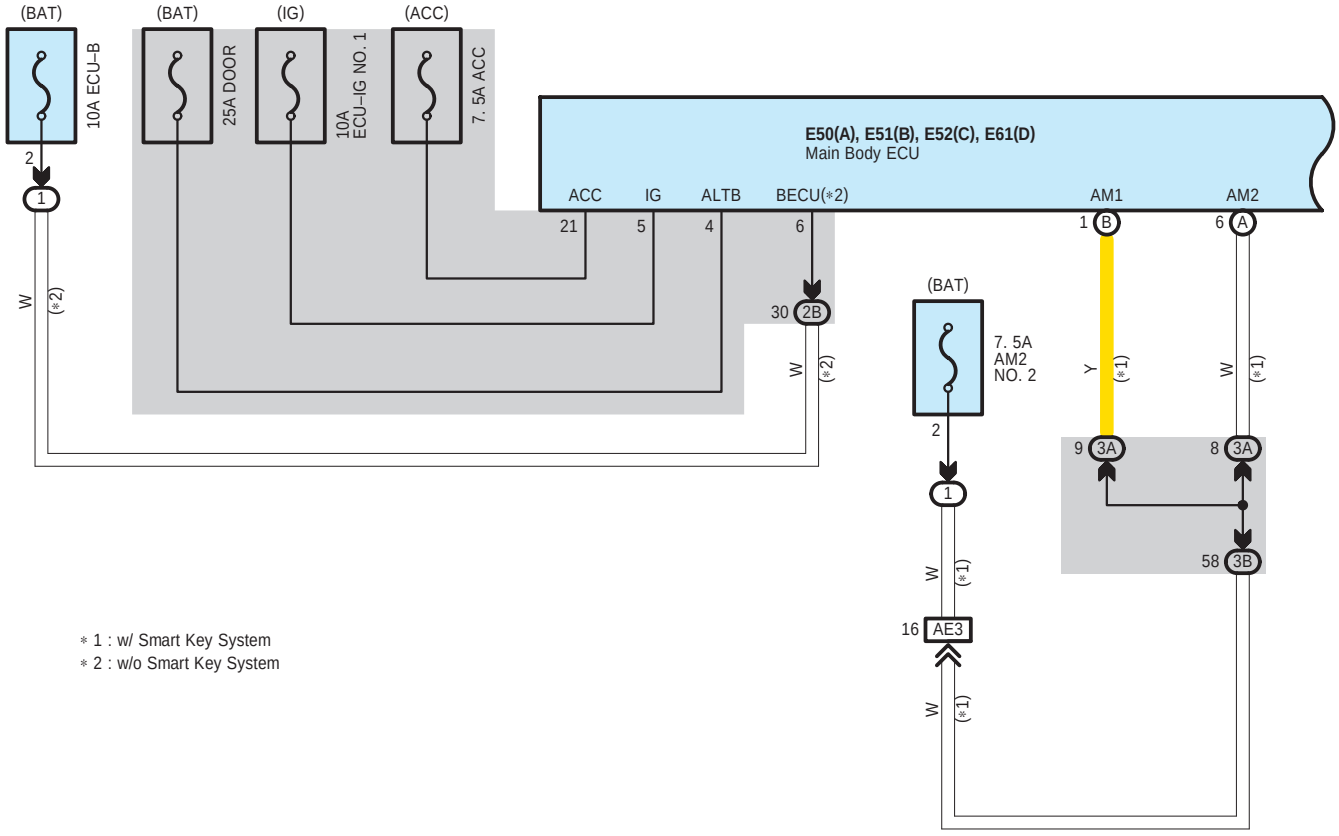


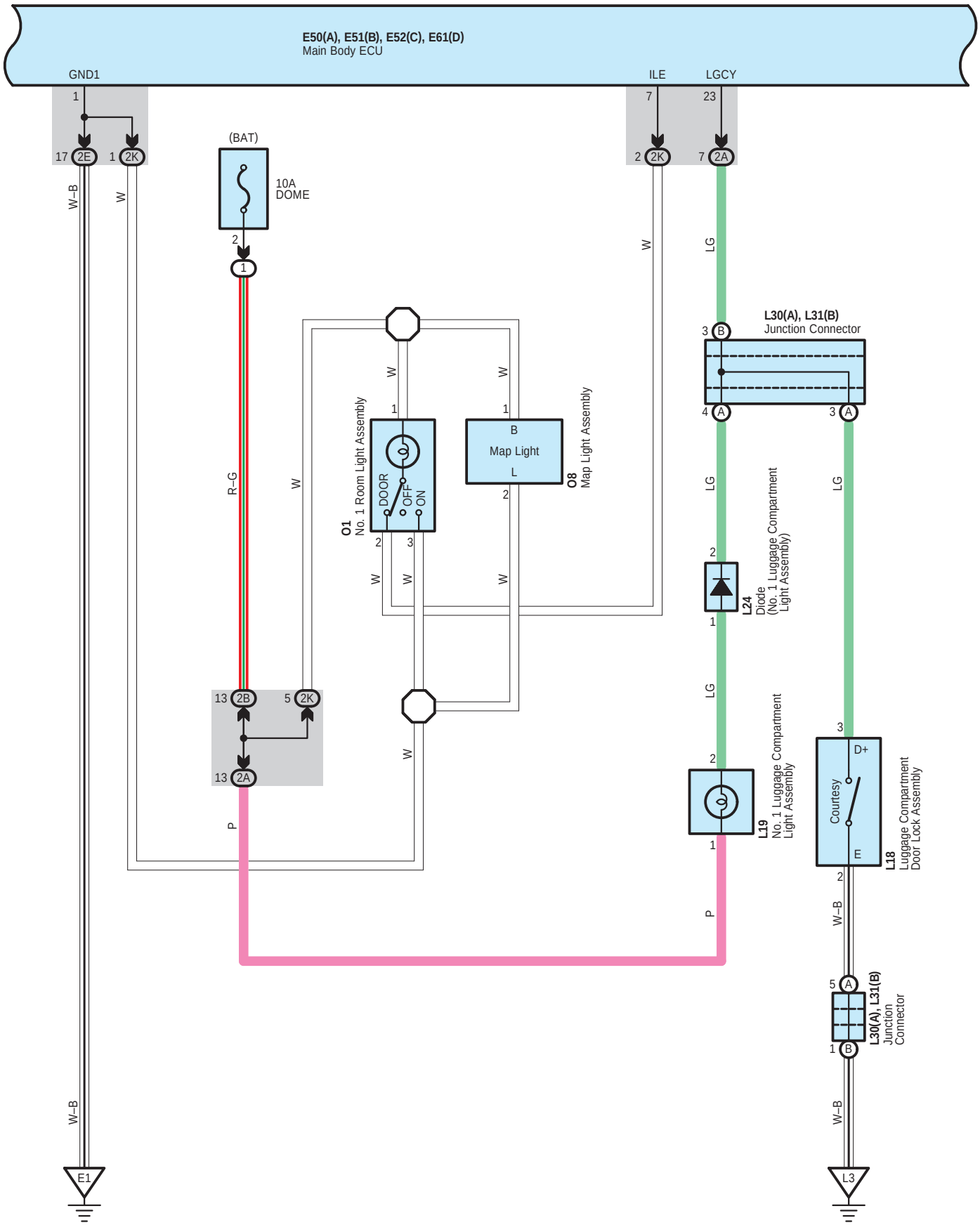
4B
White



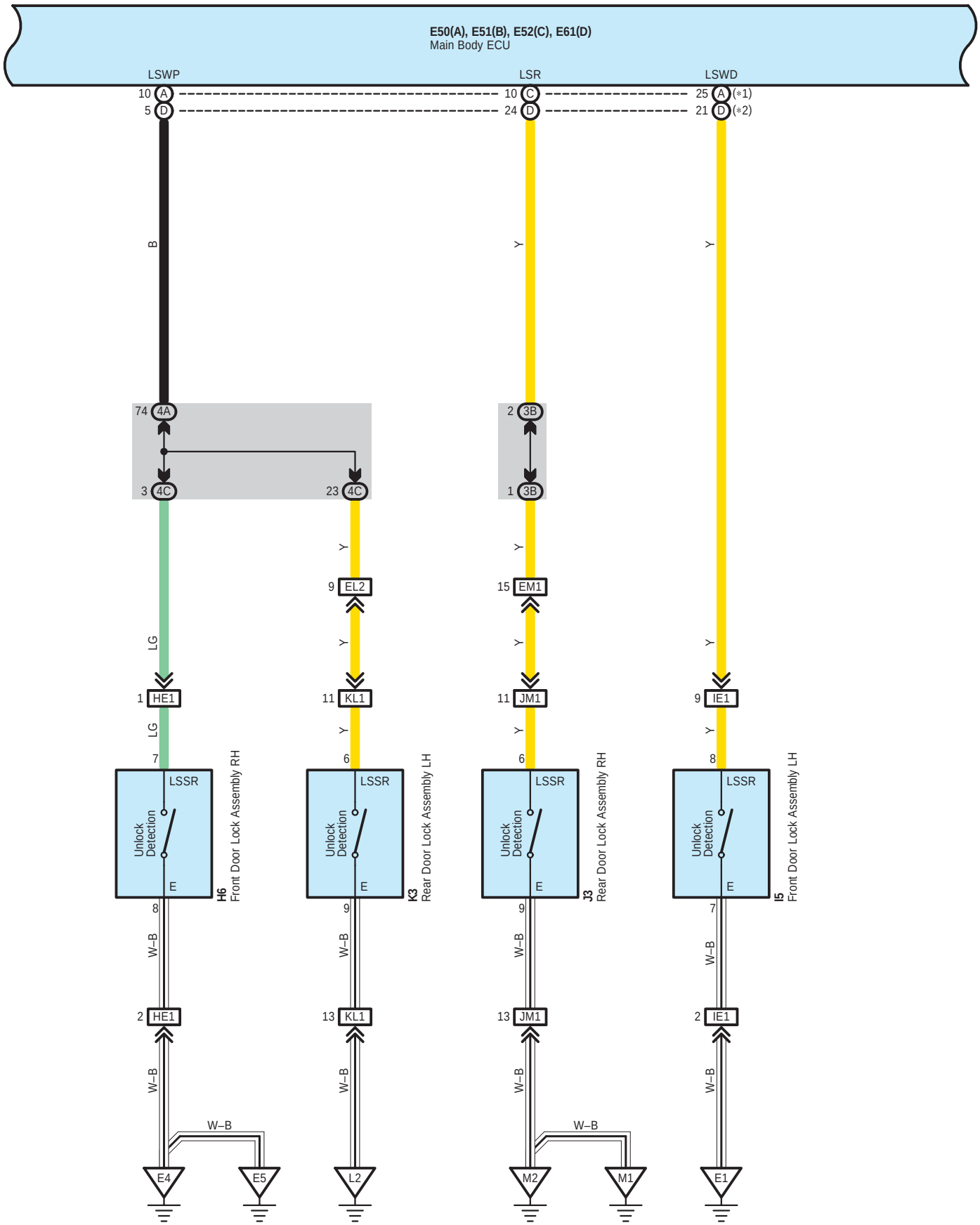
4C
White

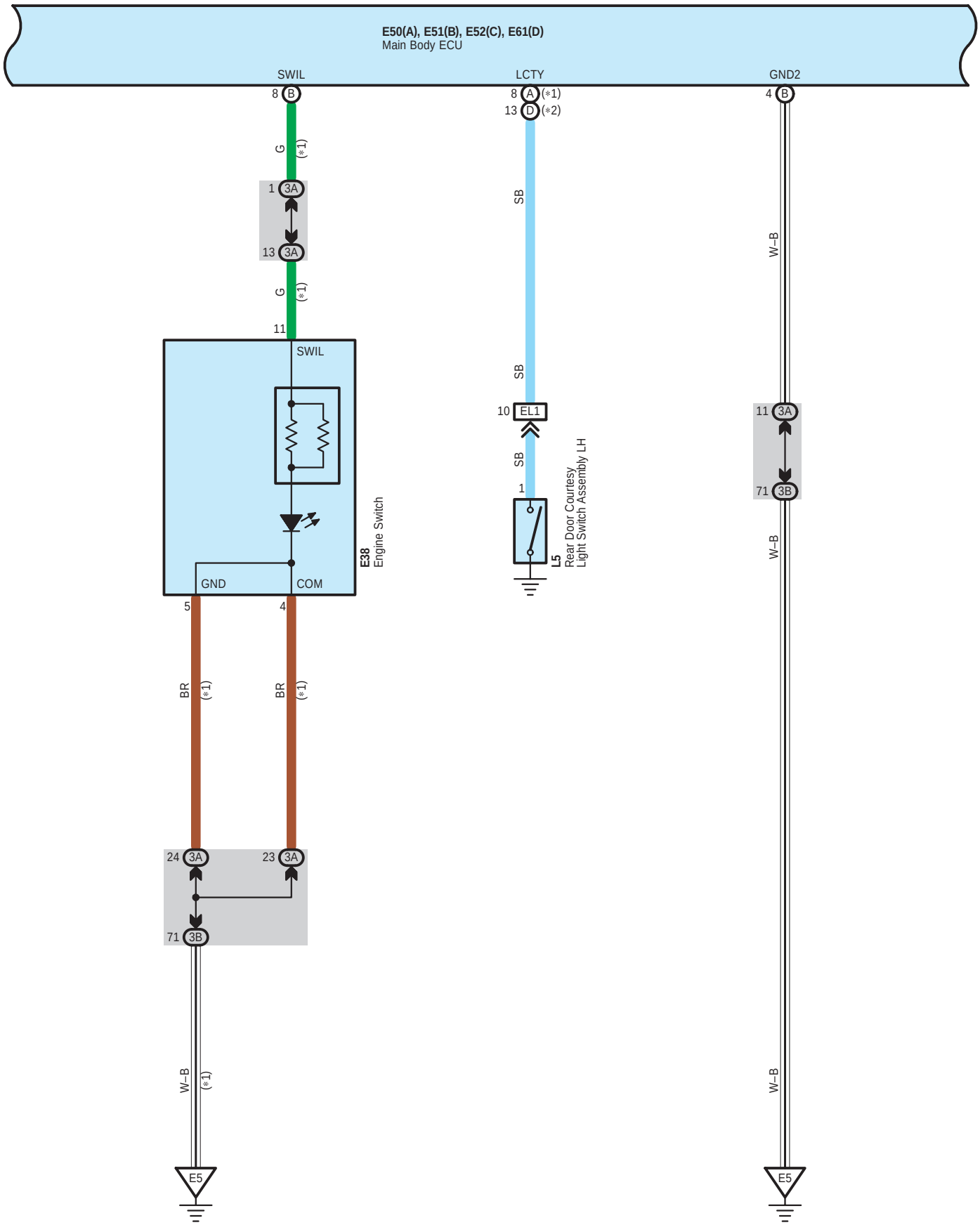



(BAT)
10A ECU–B
2
1
W
(*2)
(BAT)
25A DOOR
(IG)
10A ECU–IG NO. 1
(ACC)
7. 5A ACC
E50(A), E51(B), E52(C), E61(D)
Main Body ECU
ACC
IG
ALTB
BECU(*2)
AM1
AM2
21
5
4
6
1 B
6 A
30 2B
W
(*2)
(BAT)
7. 5A
AM2
NO. 2
2
1
Y
(*1)
W
(*1)
9 3A
8 3A
58 3B
W
(*1)
16 AE3
W
(*1)
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

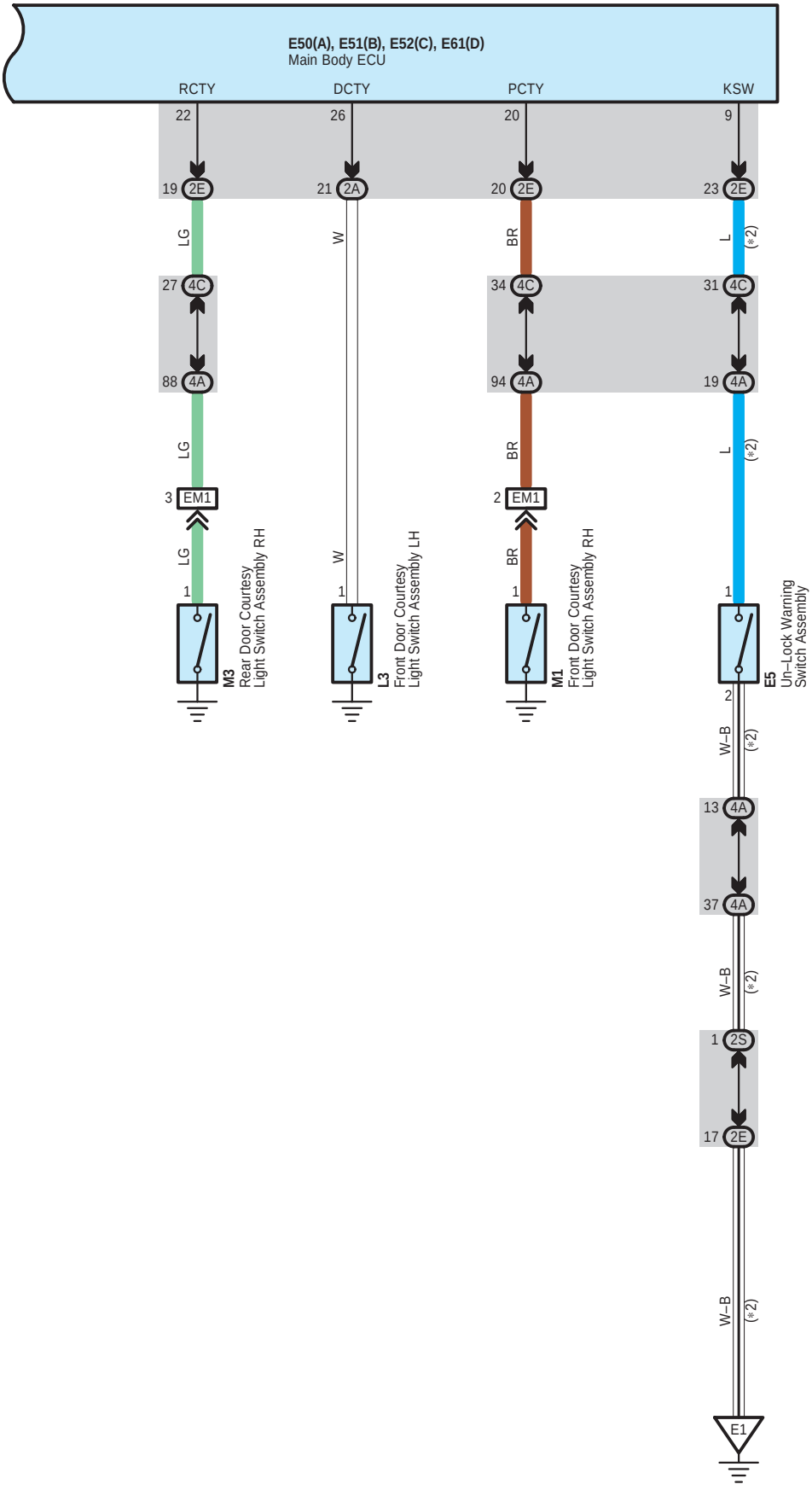

E50(A), E51(B), E52(C), E61(D)
Main Body ECU
GND1
ILE
LGCY
(BAT)
10A
DOME
O1
No. 1 Room Light Assembly
DOOR
OFF
ON
O8
Map Light Assembly
Map Light
L30(A), L31(B)
Junction Connector
L24
Diode
(No. 1 Luggage Compartment Light Assembly)
L19
No. 1 Luggage Compartment Light Assembly
L18
Luggage Compartment Door Lock Assembly
Courtesy
D+
E
L30(A), L31(B)
Junction Connector
E1
L3
W–B
W
R–G
LG
P

∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System

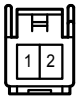



E50(A), E51(B), E52(C), E61(D)
Main Body ECU
SWIL
LCTY
GND2
8 B
8 A (*1)
13 D (*2)
4 B
G (*1)
SB
W–B
1 3A
13 3A
11 3A
71 3B
10 EL1
1
11
SWIL
GND
COM
5
4
E38
Engine Switch
L5
Rear Door Courtesy
Light Switch Assembly LH
BR (*1)
24 3A
23 3A
71 3B
W–B (*1)
E5

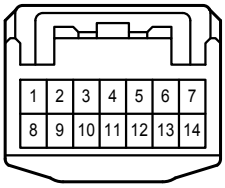
＊2 : w/o Smart Key System



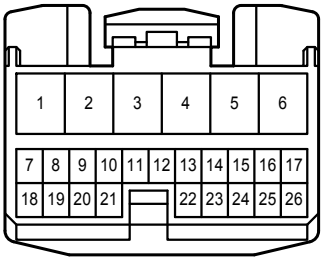
E 5
White



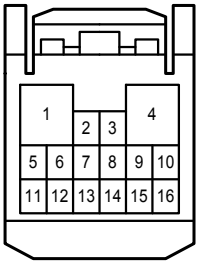
E 38
Black



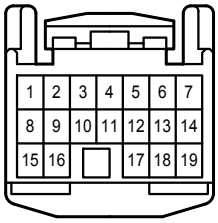
E 50
White



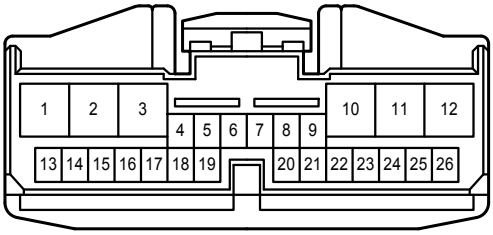
E 51
White



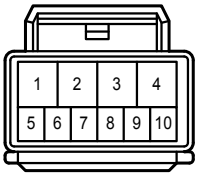
E 52
White



E 61
White

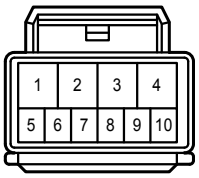


H 6
White

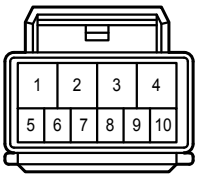


I 5
White

J 3
White



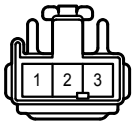
K 3
White



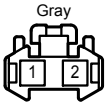
L 3
Black

L 5
Black

L 18
Black

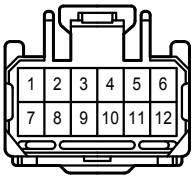


L 19
Gray

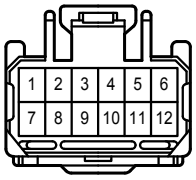


L 24
Black

L 30
White



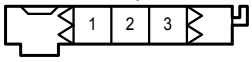
L 31
White



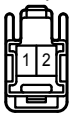
M 1
Black

M 3
Black

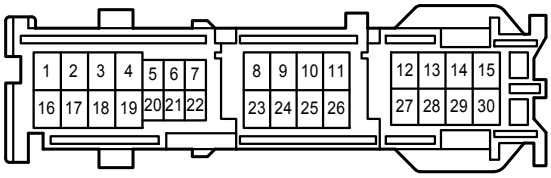
O 1
Gray



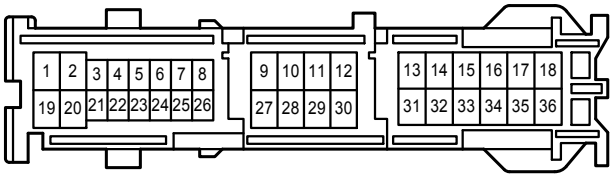
O 8
Gray



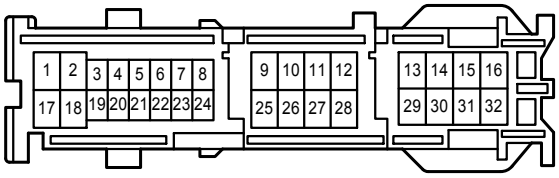
2A
White



2B
White

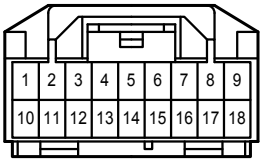


2E
White

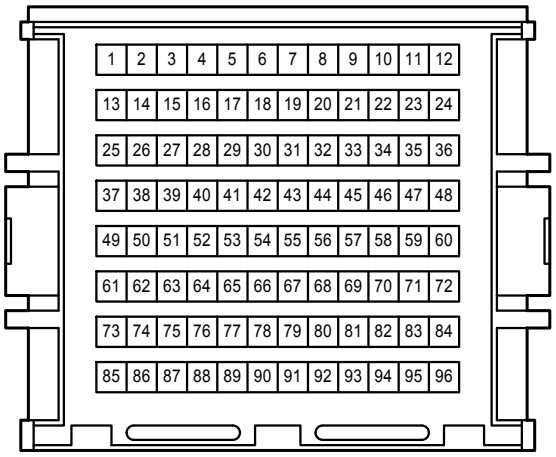


2K
White

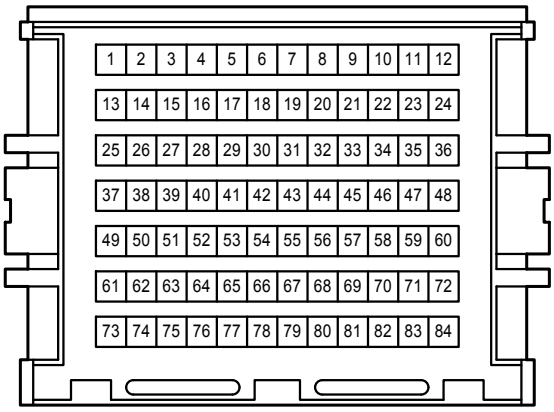
2S
White



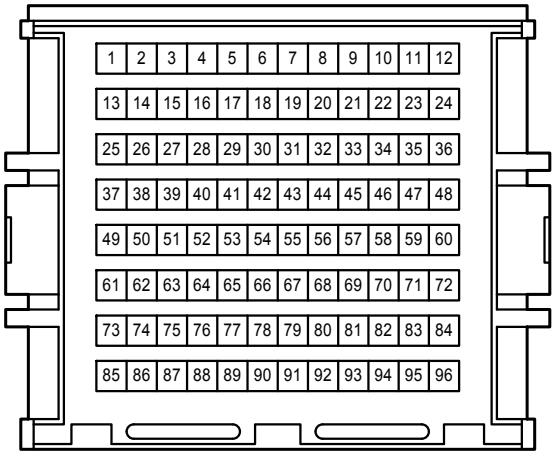
3A
White



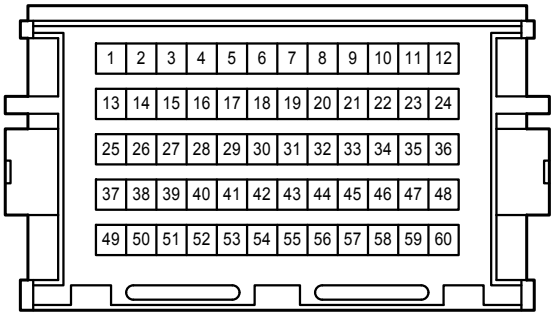
3B
White



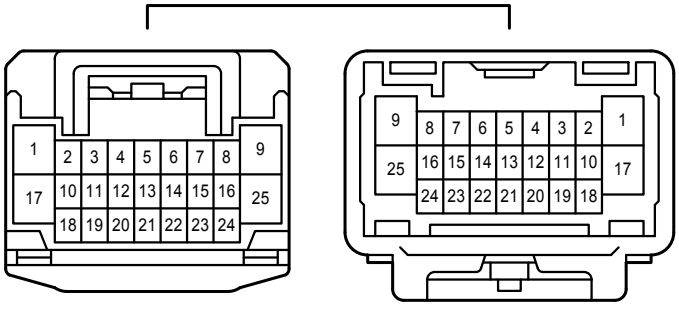
4A
White



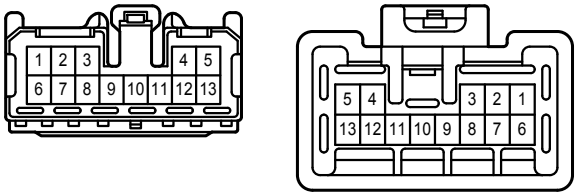
4C
White



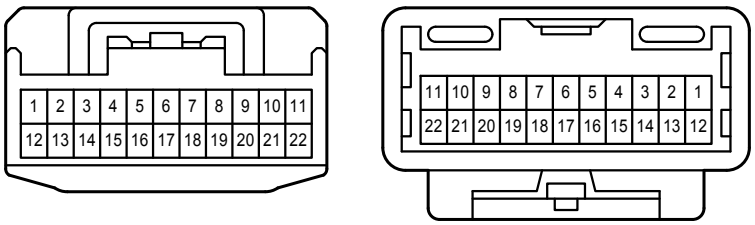
AE3
White



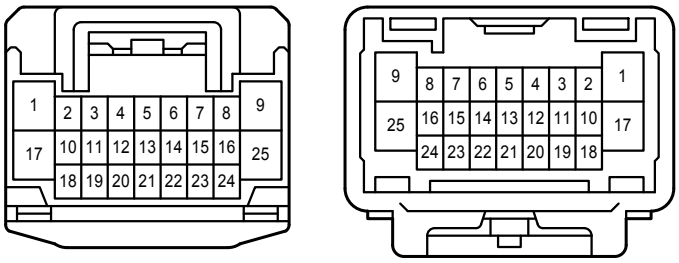
EL1
White



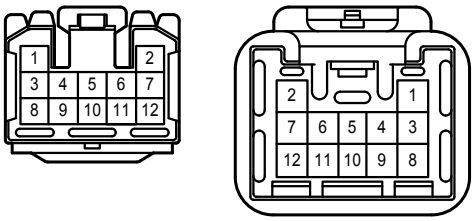
EL2
White



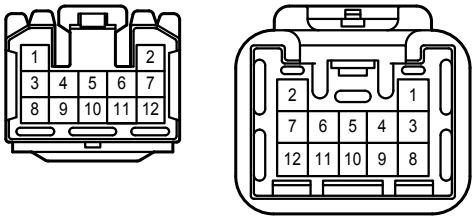
EM1
Gray



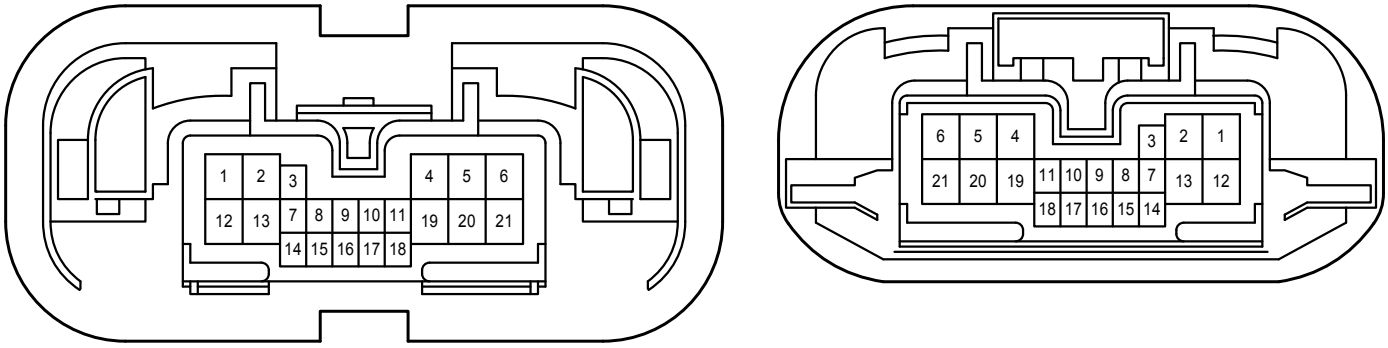
HE1
Blue



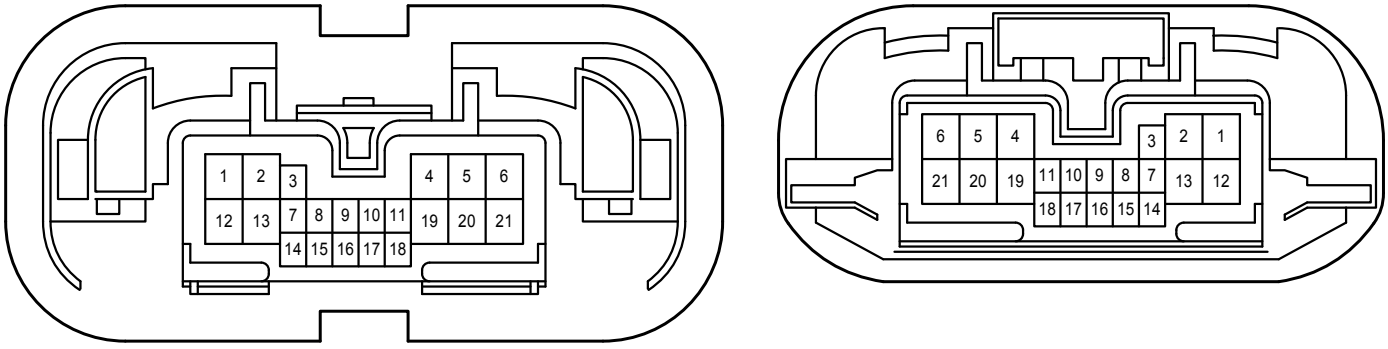
IE1
Blue

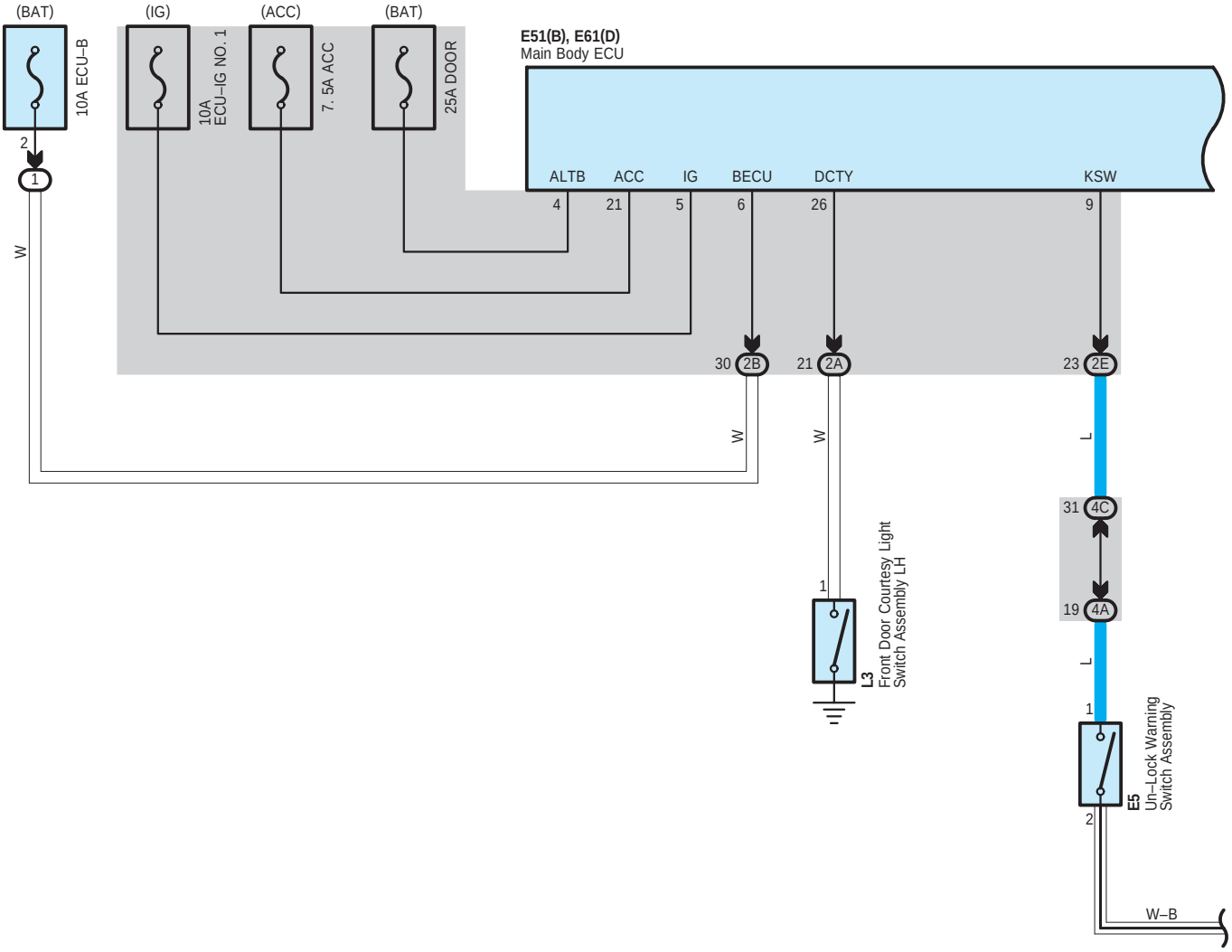


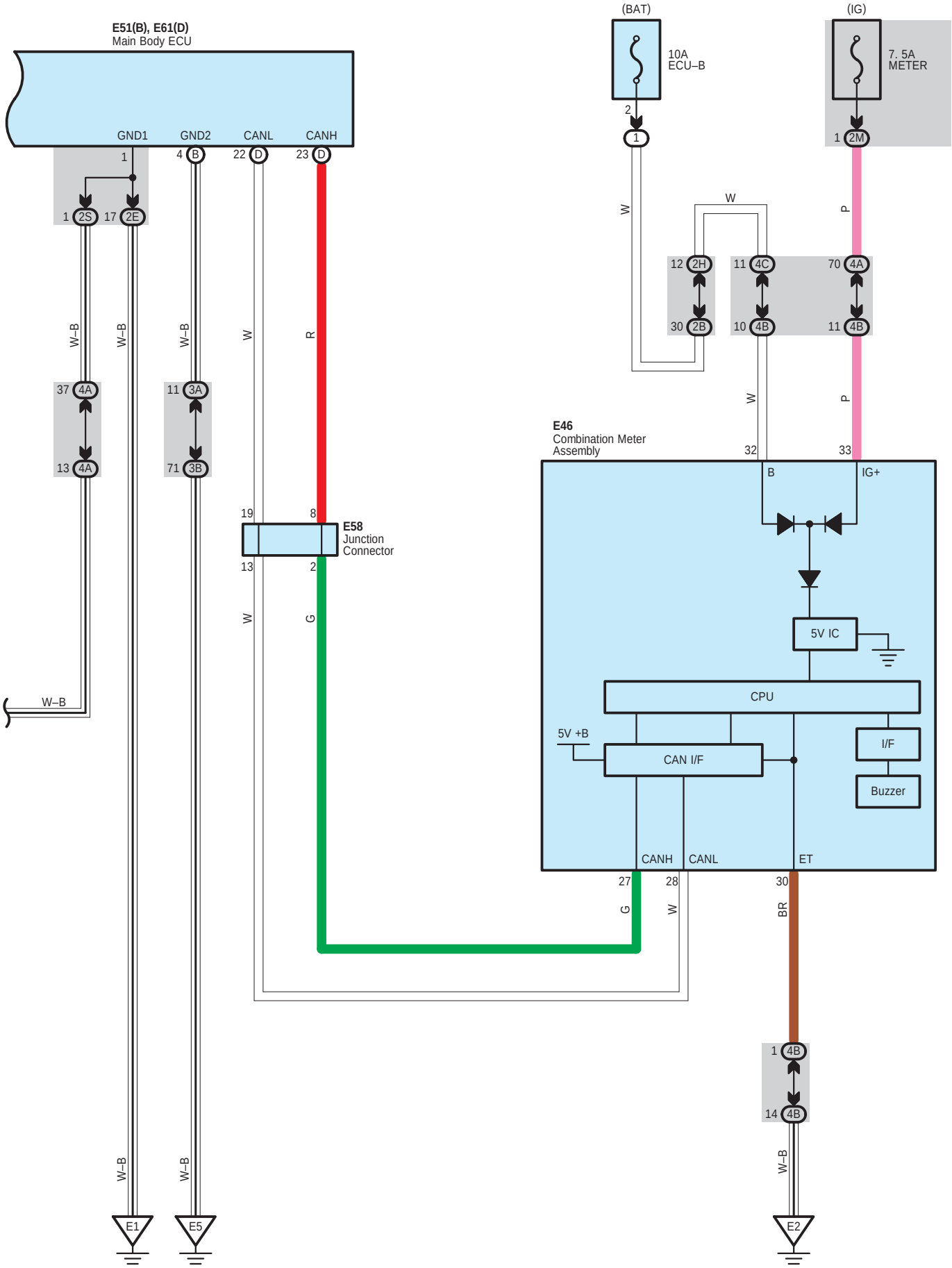
JM1
White



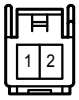
KL1
White



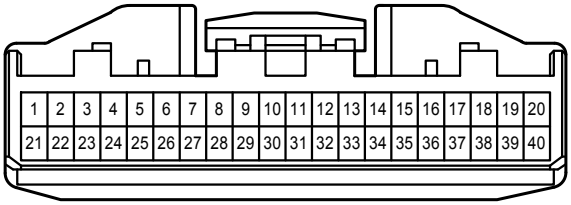

(BAT)
(IG)
(ACC)
(BAT)
10A ECU–B
10A ECU–IG NO. 1
7. 5A ACC
25A DOOR
E51(B), E61(D)
Main Body ECU
ALTB
ACC
IG
BECU
DCTY
KSW
4
21
5
6
26
9
2
1
W
30 2B
21 2A
23 2E
W
W
L
31 4C
19 4A
L
1
1
L3
Front Door Courtesy Light Switch Assembly LH
1
E5
Un–Lock Warning Switch Assembly
2
W–B


E51(B), E61(D)
Main Body ECU
GND1
GND2
CANL
CANH
(BAT)
(IG)
10A
ECU–B
7. 5A
METER
E58
Junction
Connector
E46
Combination Meter
Assembly
B
IG+
5V IC
CPU
5V +B
CAN I/F
I/F
Buzzer
CANH
CANL
ET
W–B
W
R
G
P
BR
E1
E5
E2

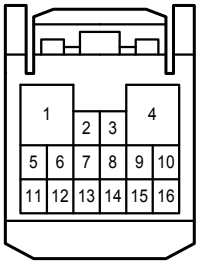
E 5
White



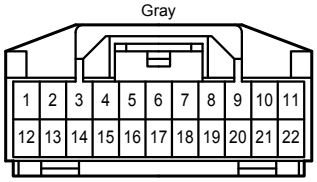
E 46
White



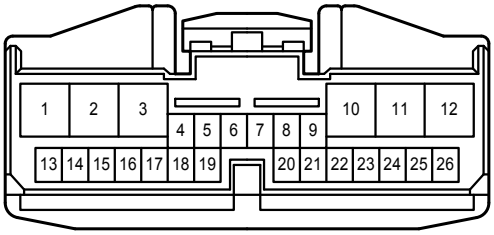
E 51
White



E 58
Gray

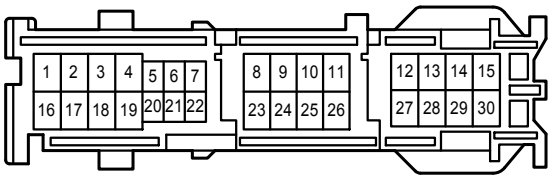


E 61
White

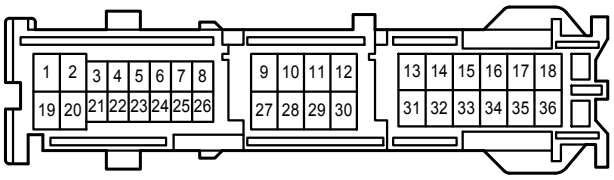


L 3
Black

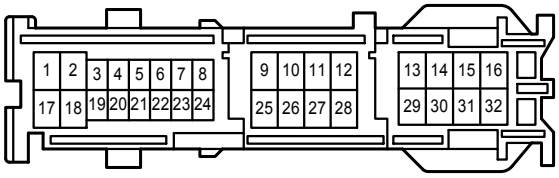
2A
White



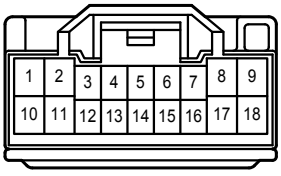
2B
White



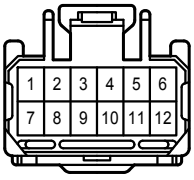
2E
White



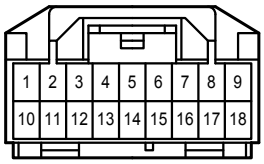
2H
White



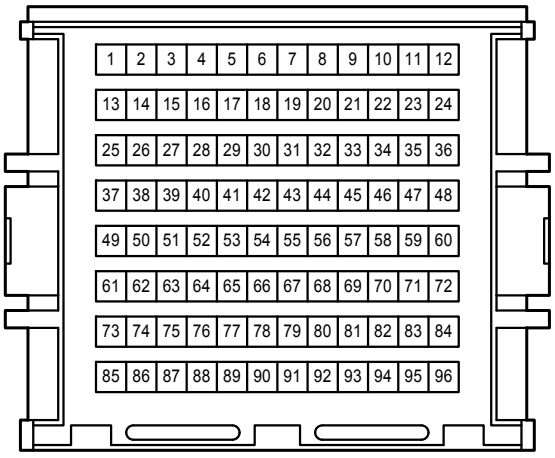
2M
White



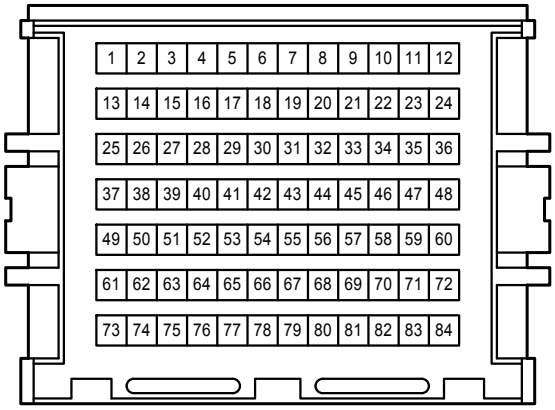
2S
White



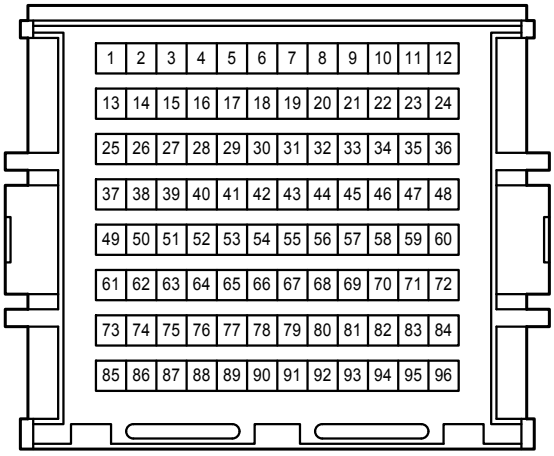
3A
White



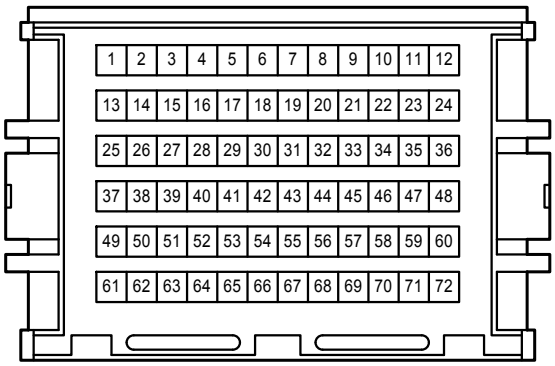
3B
White



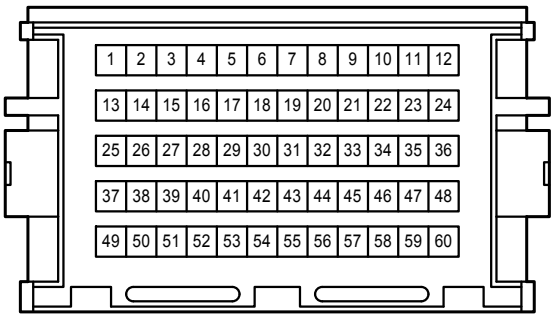
4A
White

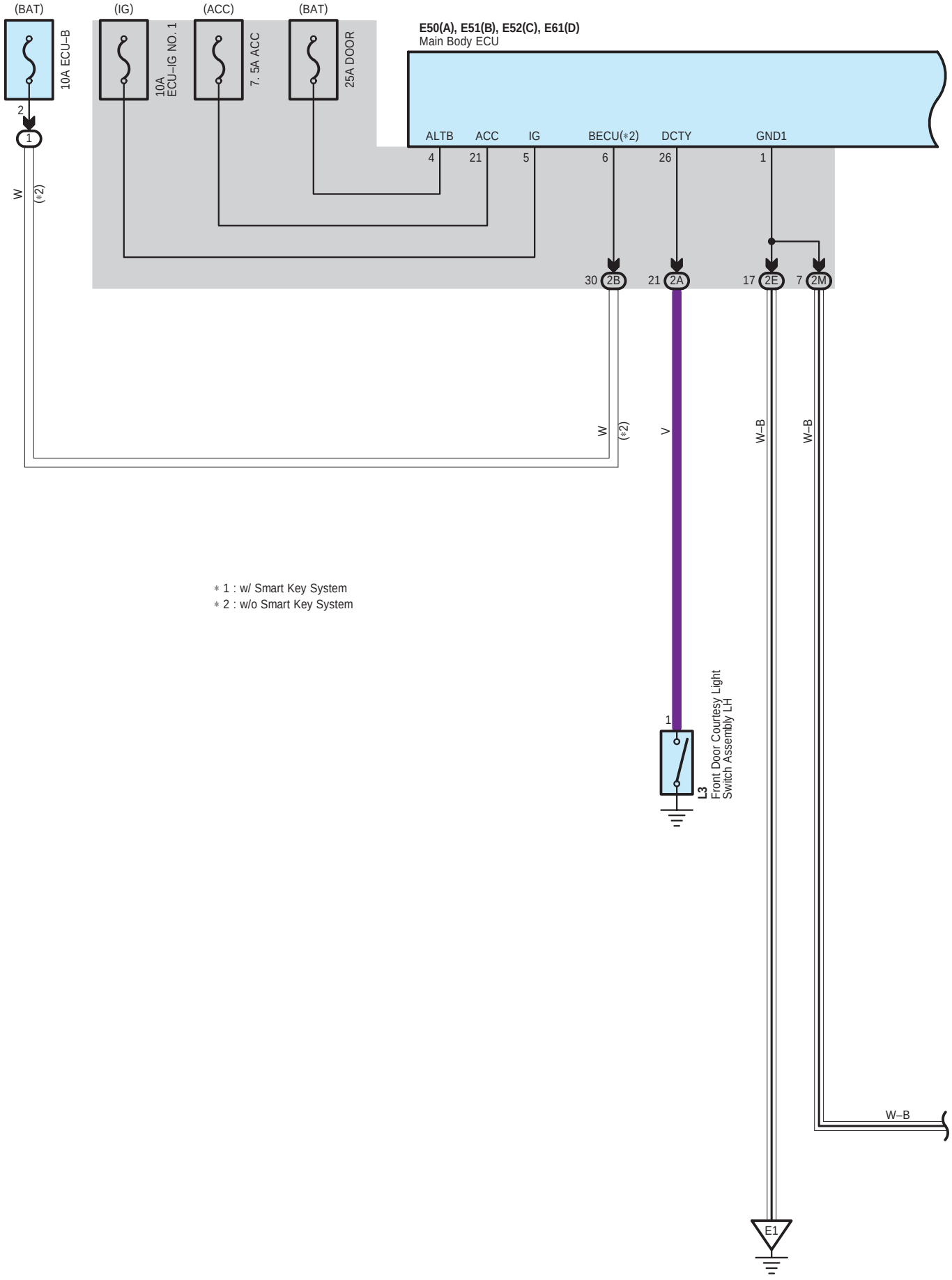


4B
White

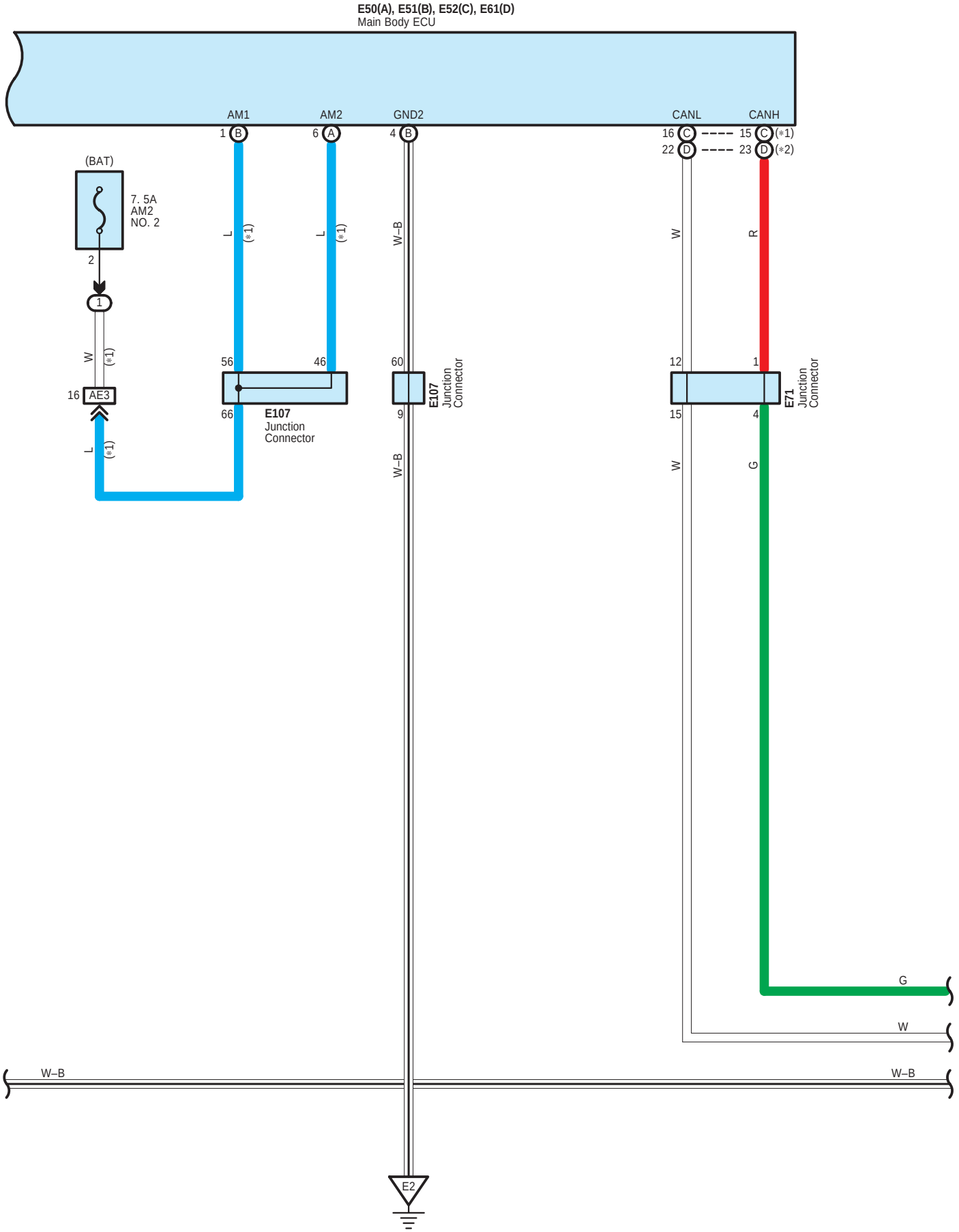


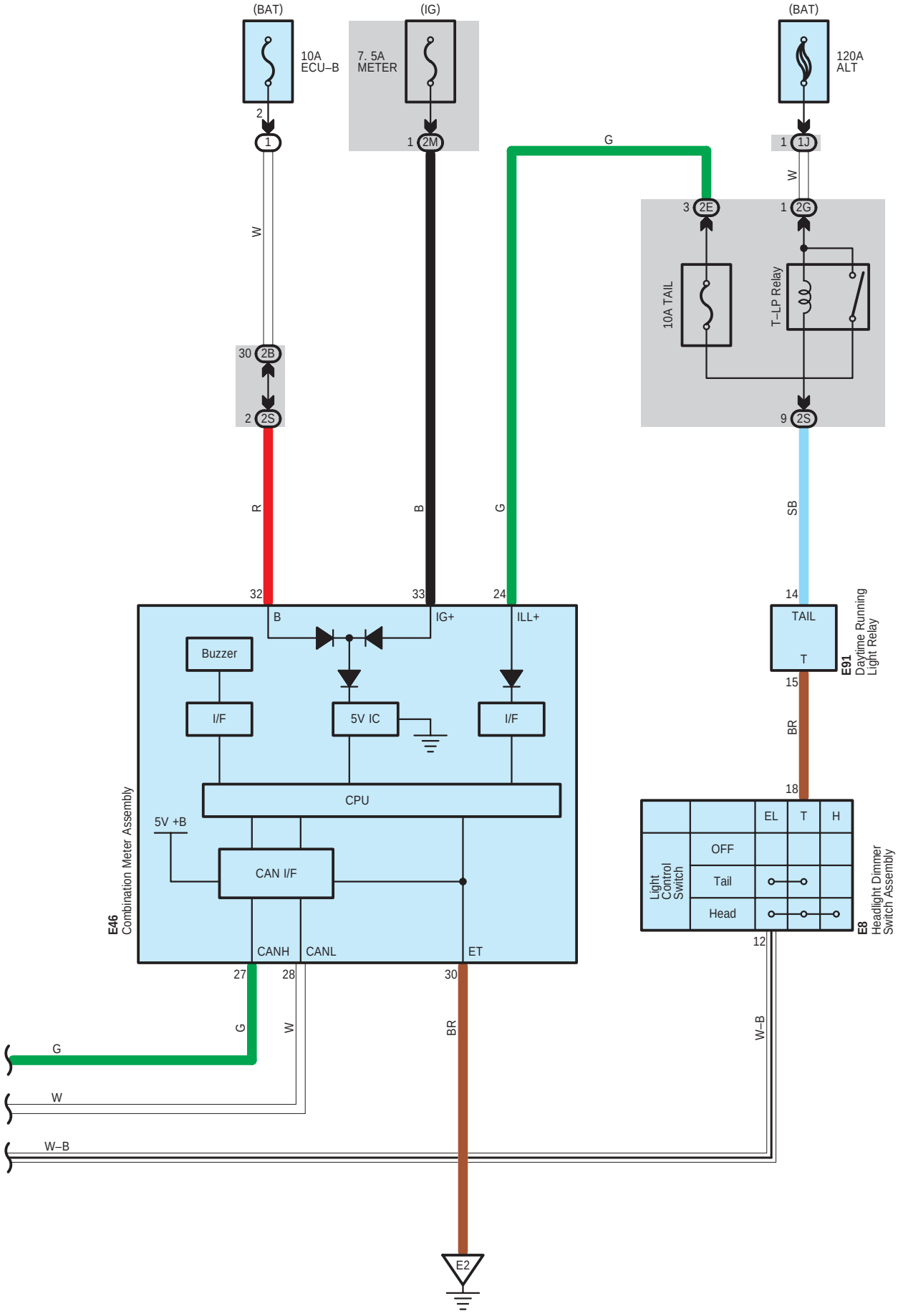
4C
White



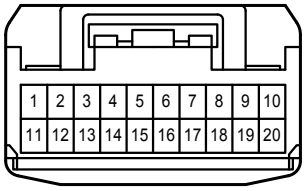


* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

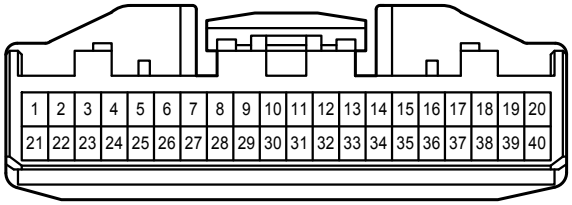

E50(A), E51(B), E52(C), E61(D)
Main Body ECU
AM1
AM2
GND2
CANL
CANH
1 B
6 A
4 B
16 C
22 D
15 C (*1)
23 D (*2)
(BAT)
7. 5A
AM2
NO. 2
2
1
W
(*1)
16 AE3
L
(*1)
L
(*1)
L
(*1)
W–B
W
R
56
46
60
12
1
66
E107
Junction
Connector
9
E107
Junction
Connector
15
4
E71
Junction
Connector
W–B
W
G
G
W
W–B
W–B
E2


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
32
(IG)
7. 5A
METER
1
2M
B
33
G
24
(BAT)
120A
ALT
1
1J
W
3
2E
1
2G
10A TAIL
T–LP Relay
9
2S
SB
14
TAIL
T
E91
Daytime Running
Light Relay
15
BR
18
B
IG+
ILL+
Buzzer
I/F
5V IC
I/F
CPU
5V +B
CAN I/F
CANH
CANL
ET
E46
Combination Meter Assembly
27
28
30
G
W
BR
EL
T
H
OFF
Tail
Head
Light
Control
Switch
12
W–B
E8
Headlight Dimmer
Switch Assembly
G
W
W–B
E2

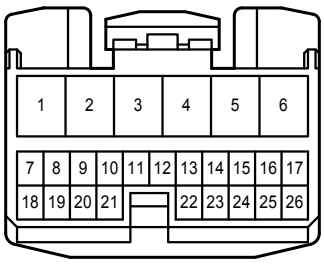
E 8
White



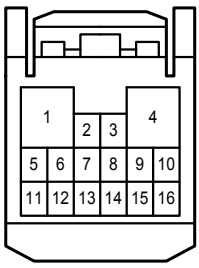
E 46
White



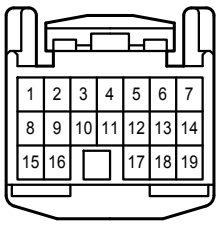
E 50
White



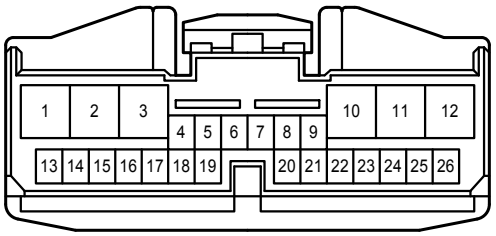
E 51
White



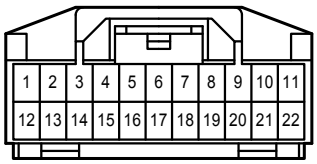
E 52
White



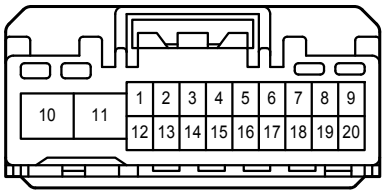
E 61
White



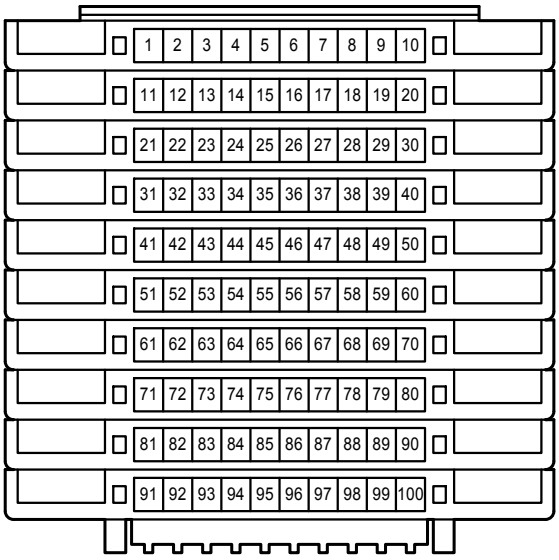
E 71
White



E 91
White

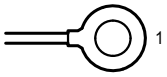


E107
White

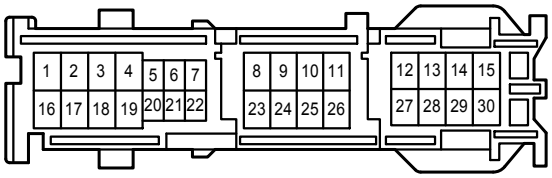


L 3
Black

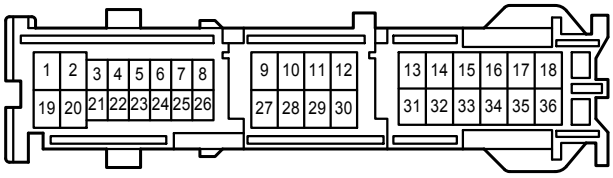
1J



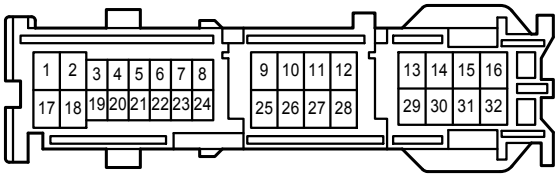
2A
White



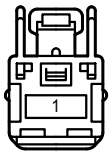
2B
White



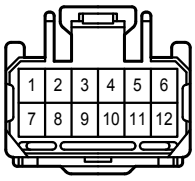
2E
White



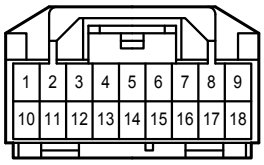
2G
White



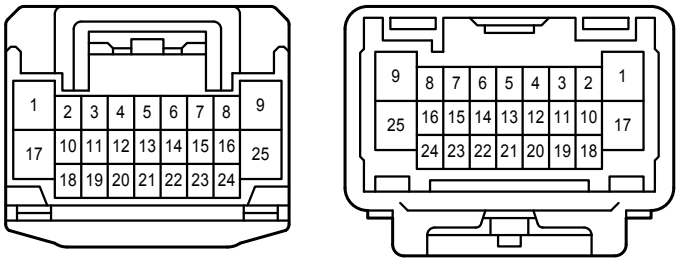
2M
White

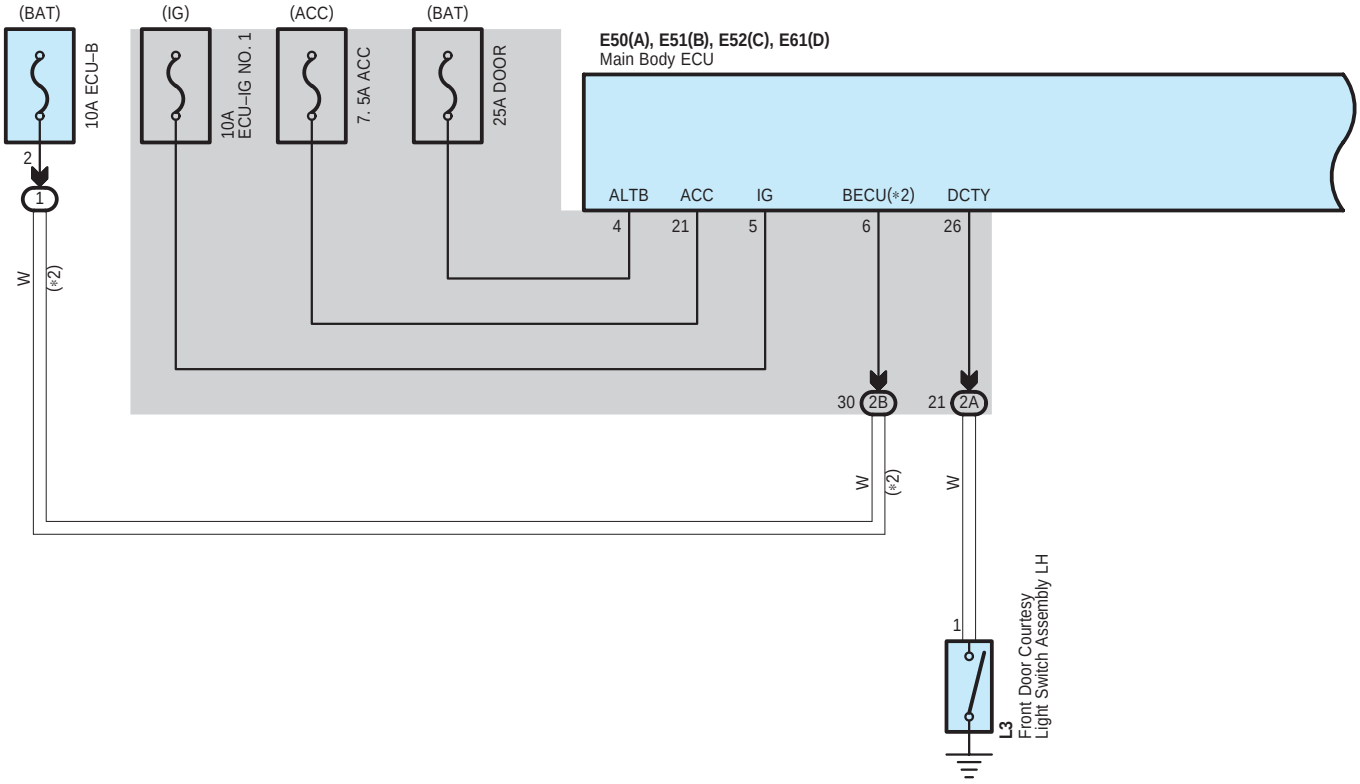


2S
White

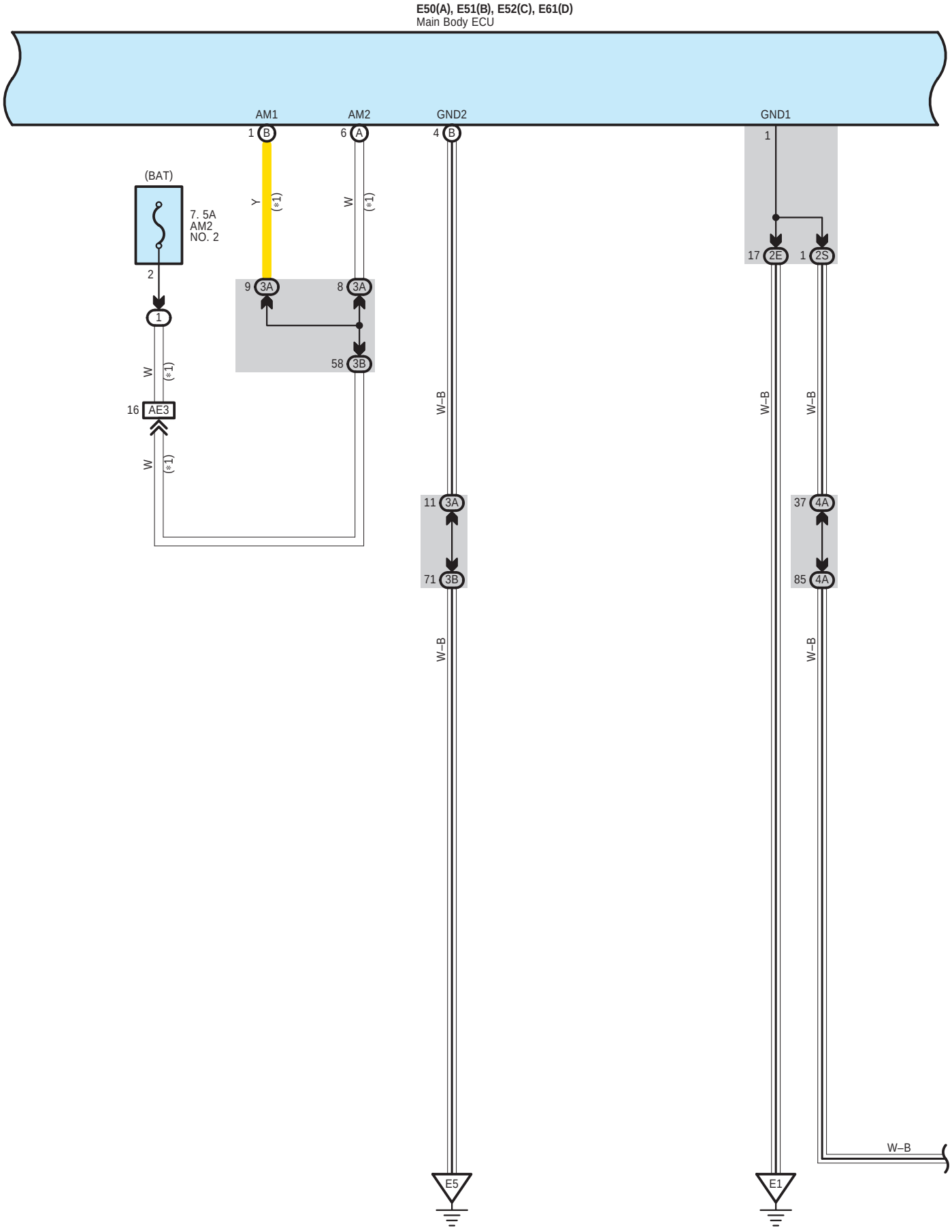


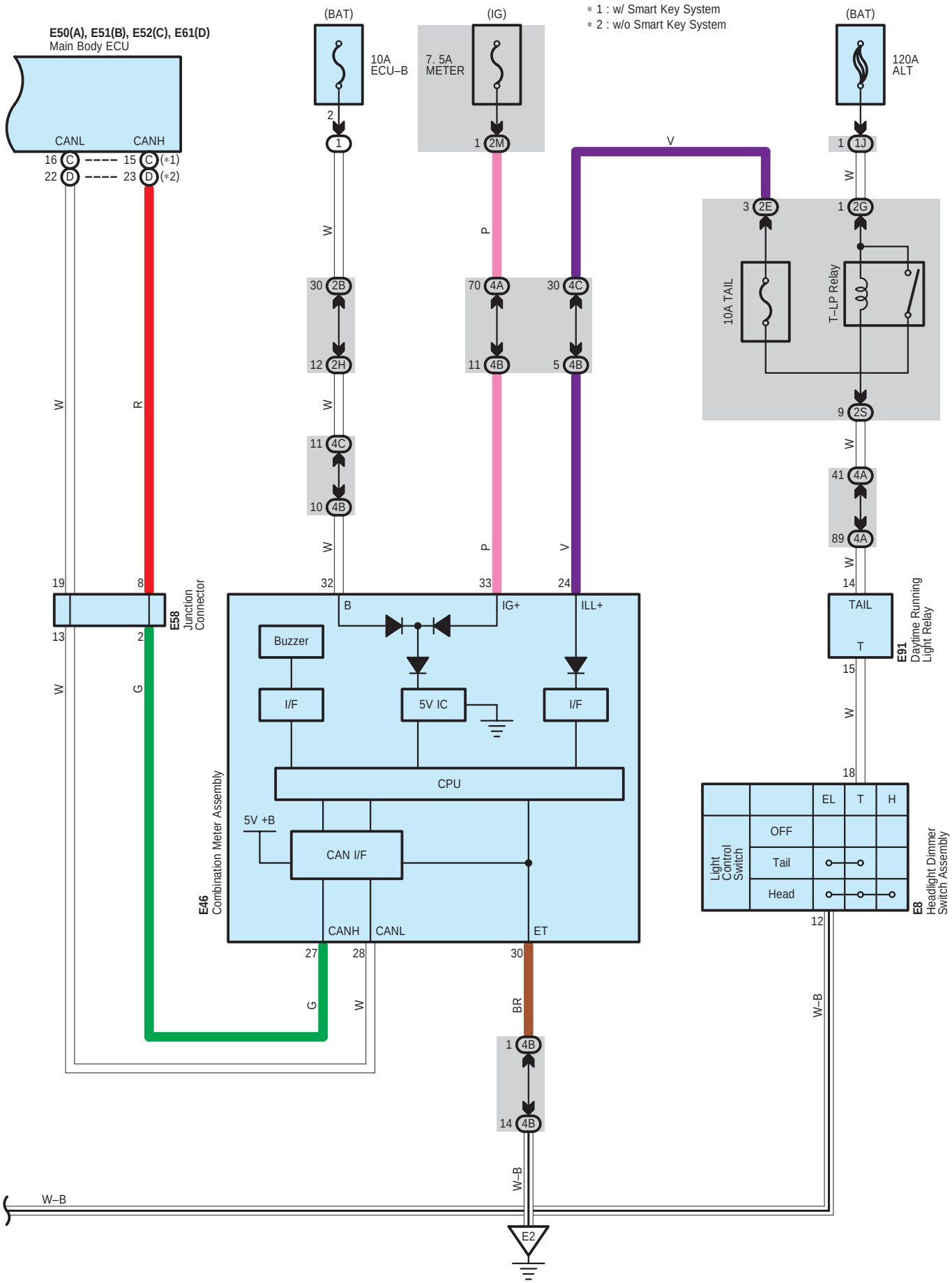
AE3
White



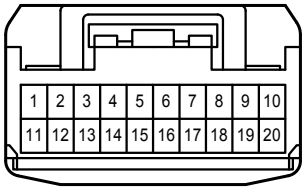


* 1 : w/ Smart Key System
* 2 : w/o Smart Key System

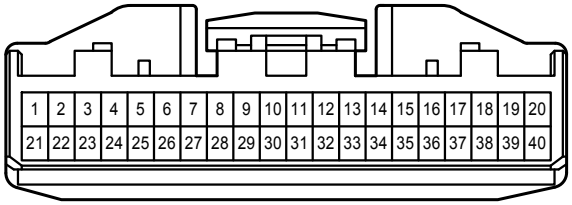

E50(A), E51(B), E52(C), E61(D)
Main Body ECU
AM1
AM2
GND2
GND1
(BAT)
7. 5A
AM2
NO. 2
Y
W
(*1)
W–B
E5
E1


* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
E50(A), E51(B), E52(C), E61(D)
Main Body ECU
CANL
CANH
16 C
22 D
15 C (*1)
23 D (*2)
(BAT)
10A
ECU–B
2
1
(IG)
7. 5A
METER
1 2M
(BAT)
120A
ALT
1 1J
W
P
V
3 2E
1 2G
10A TAIL
T–LP Relay
9 2S
30 2B
12 2H
70 4A
11 4B
30 4C
5 4B
11 4C
10 4B
41 4A
89 4A
14
TAIL
T
E91
Daytime Running
Light Relay
15
18
19
8
13
2
E58
Junction
Connector
32
33
24
B
IG+
ILL+
Buzzer
I/F
5V IC
I/F
CPU
5V +B
CAN I/F
CANH
CANL
ET
E46
Combination Meter Assembly
27
28
30
G
W
BR
1 4B
14 4B
Light
Control
Switch
EL
T
H
OFF
Tail
Head
12
E8
Headlight Dimmer
Switch Assembly
W–B
E2

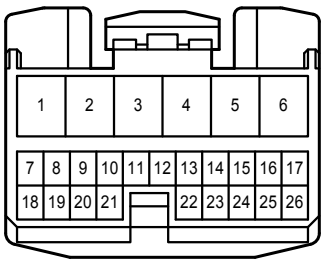
E 8
White



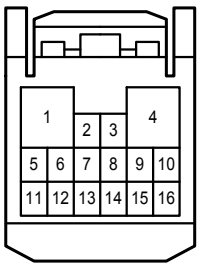
E 46
White



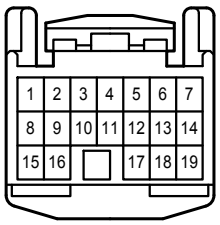
E 50
White



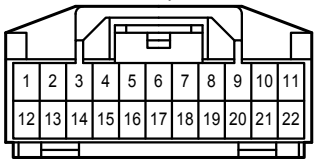
E 51
White



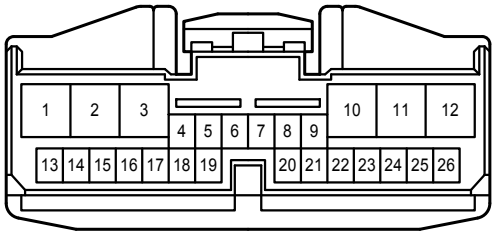
E 52
White



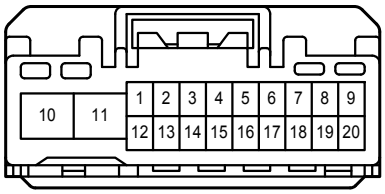
E 58
Gray



E 61
White

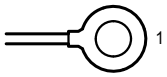


E 91
White

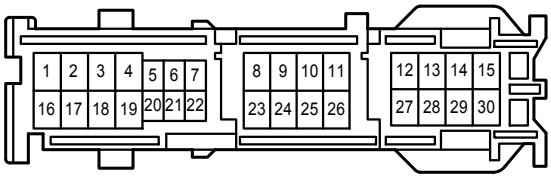


L 3
Black

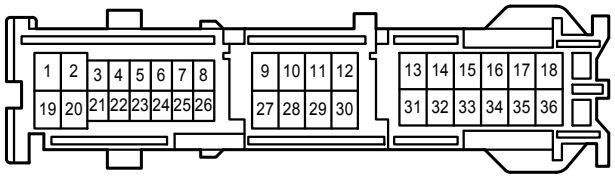
1J



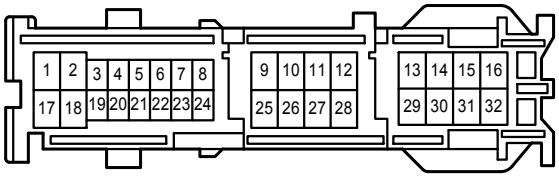
2A
White



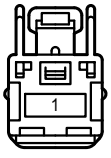
2B
White



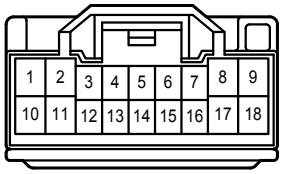
2E
White



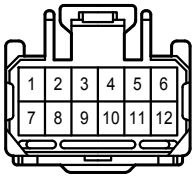
2G
White



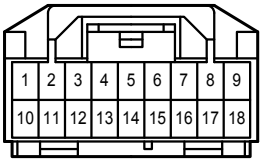
2H
White



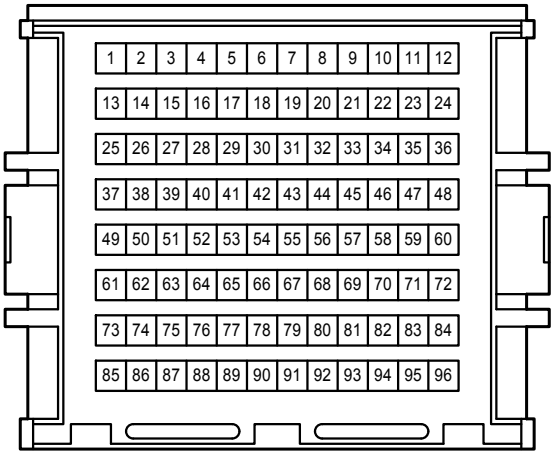
2M
White



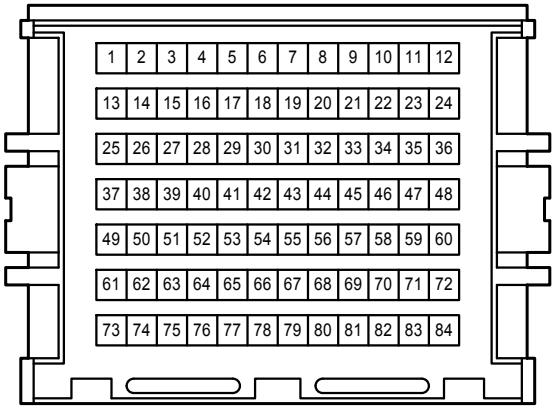
2S
White



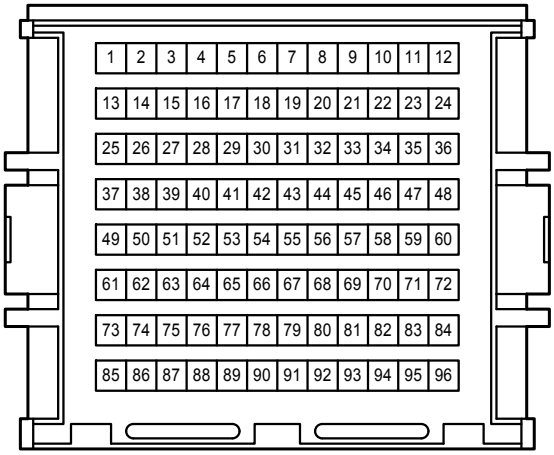
3A
White



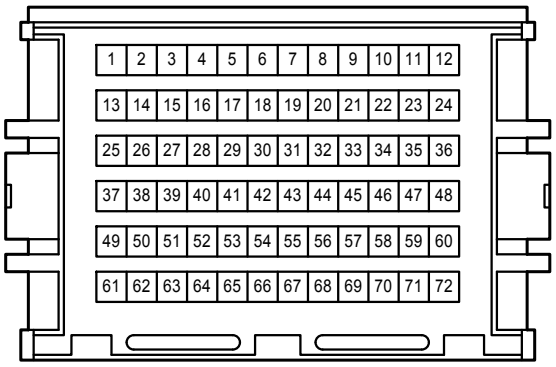
3B
White



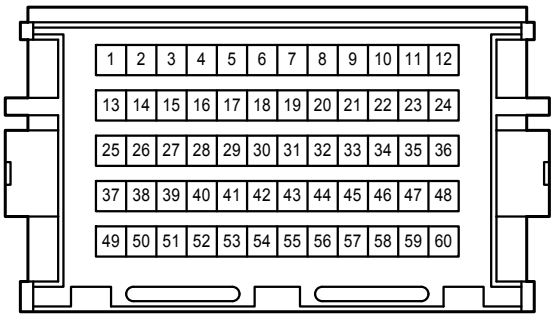
4A
White

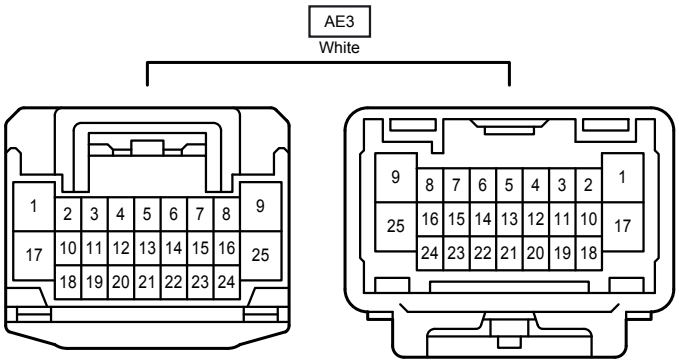


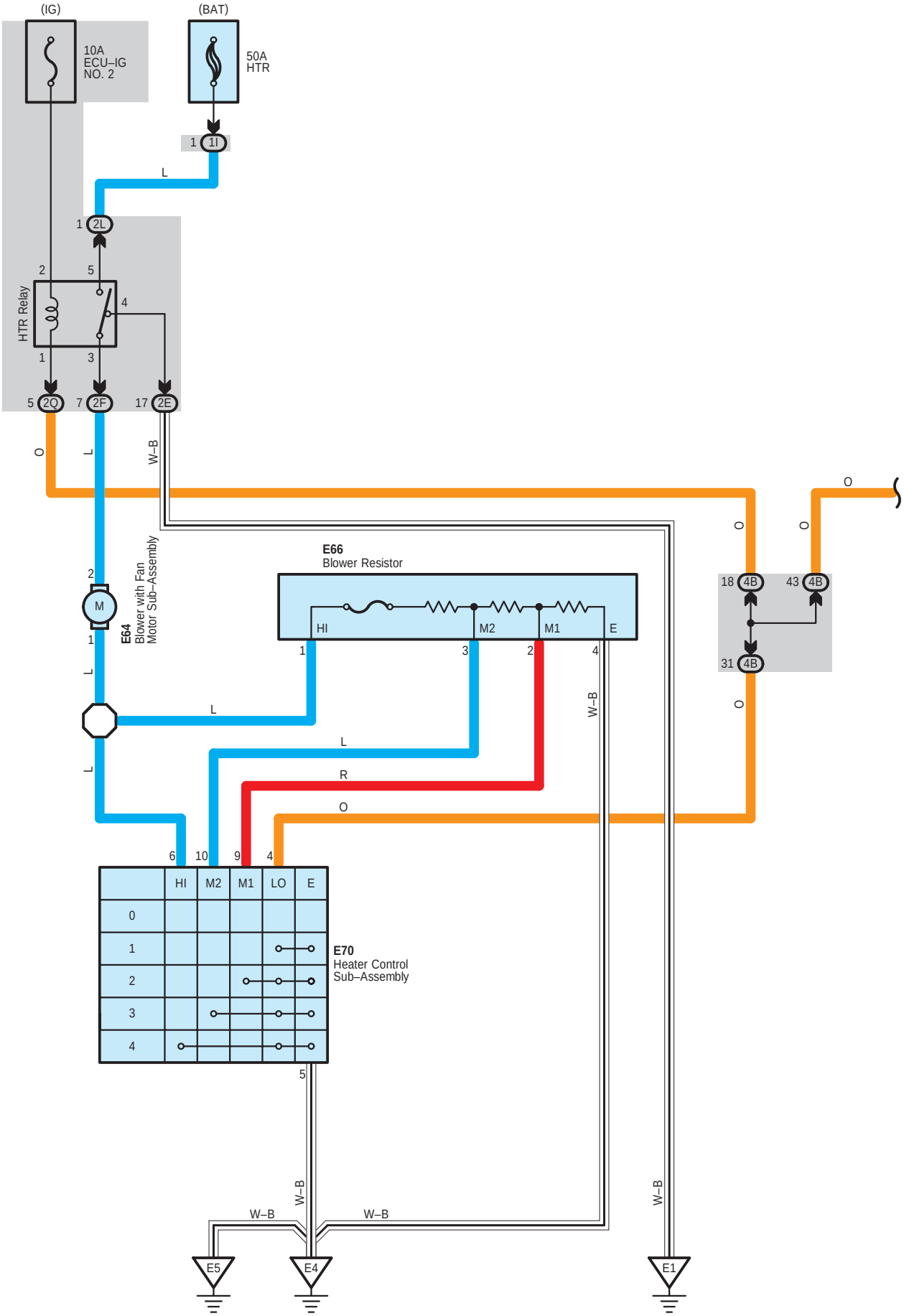
4B
White

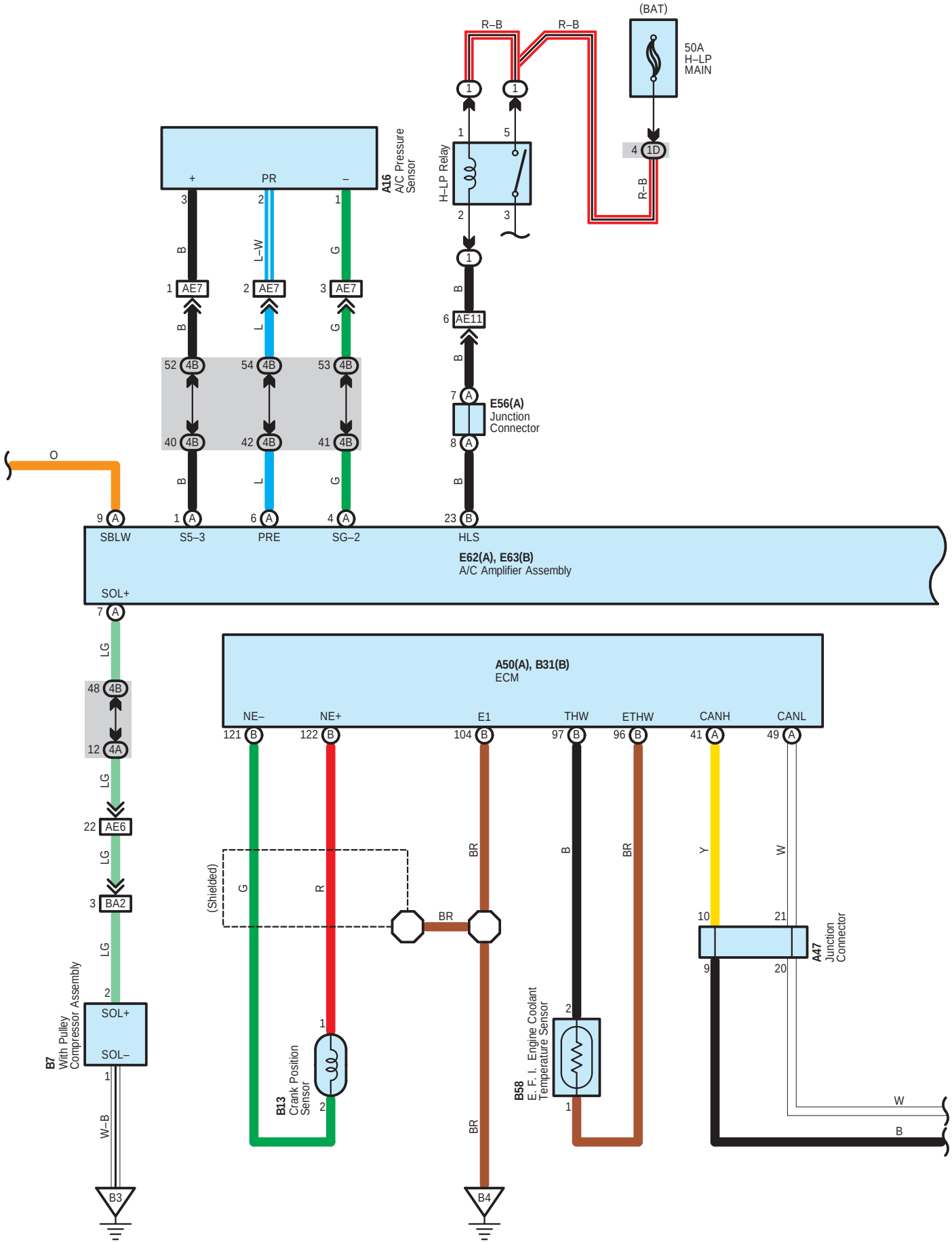


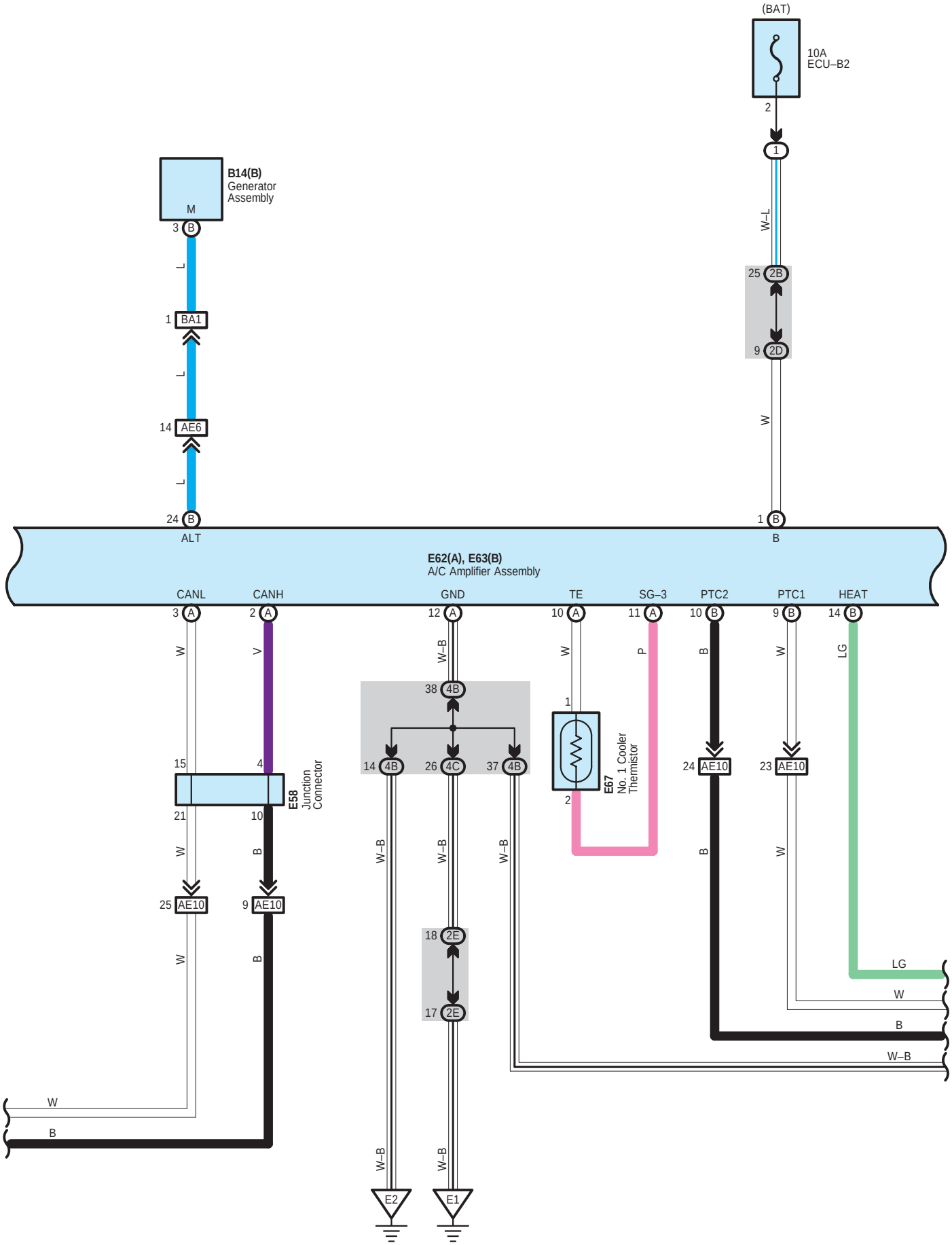
4C
White

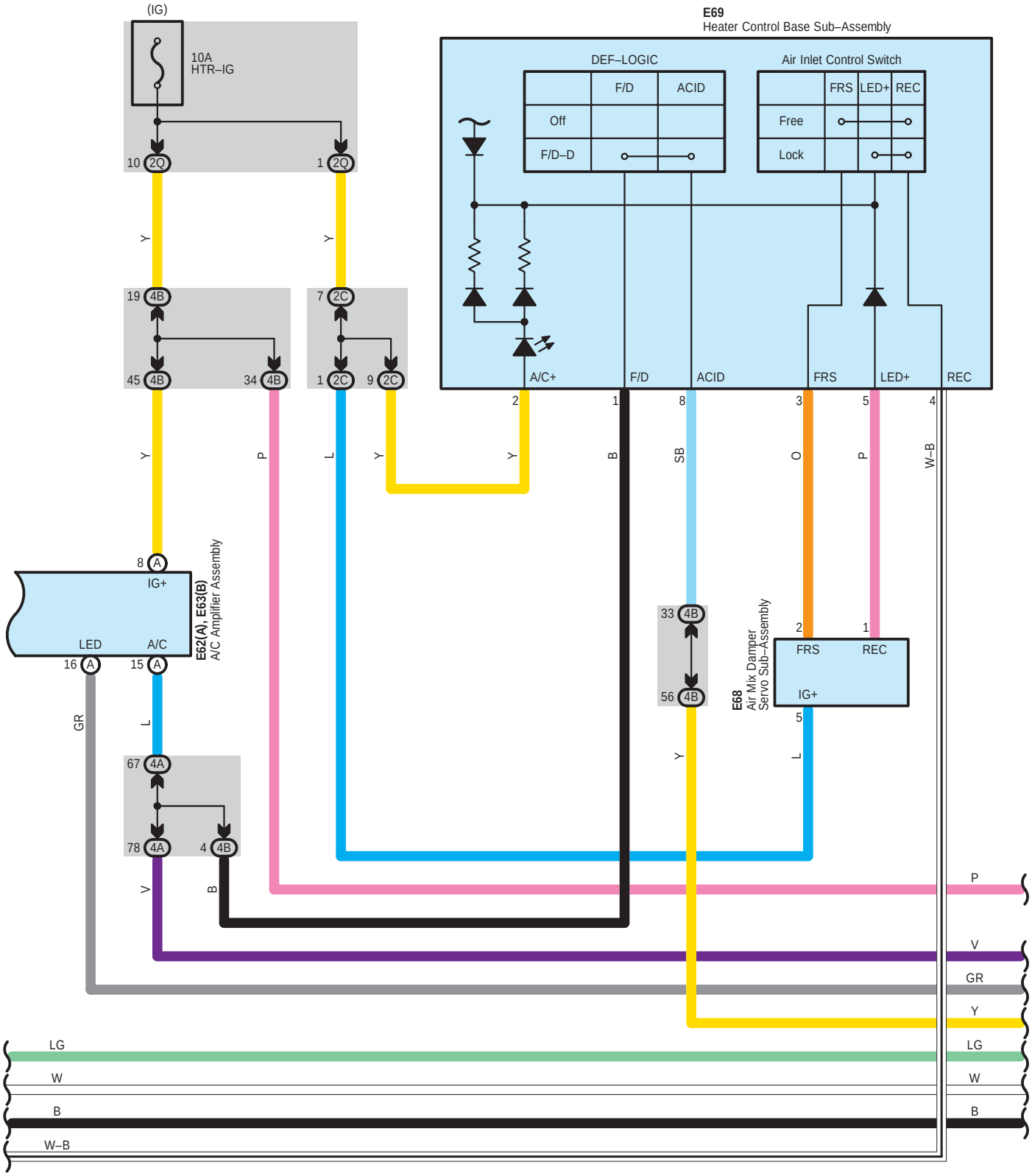


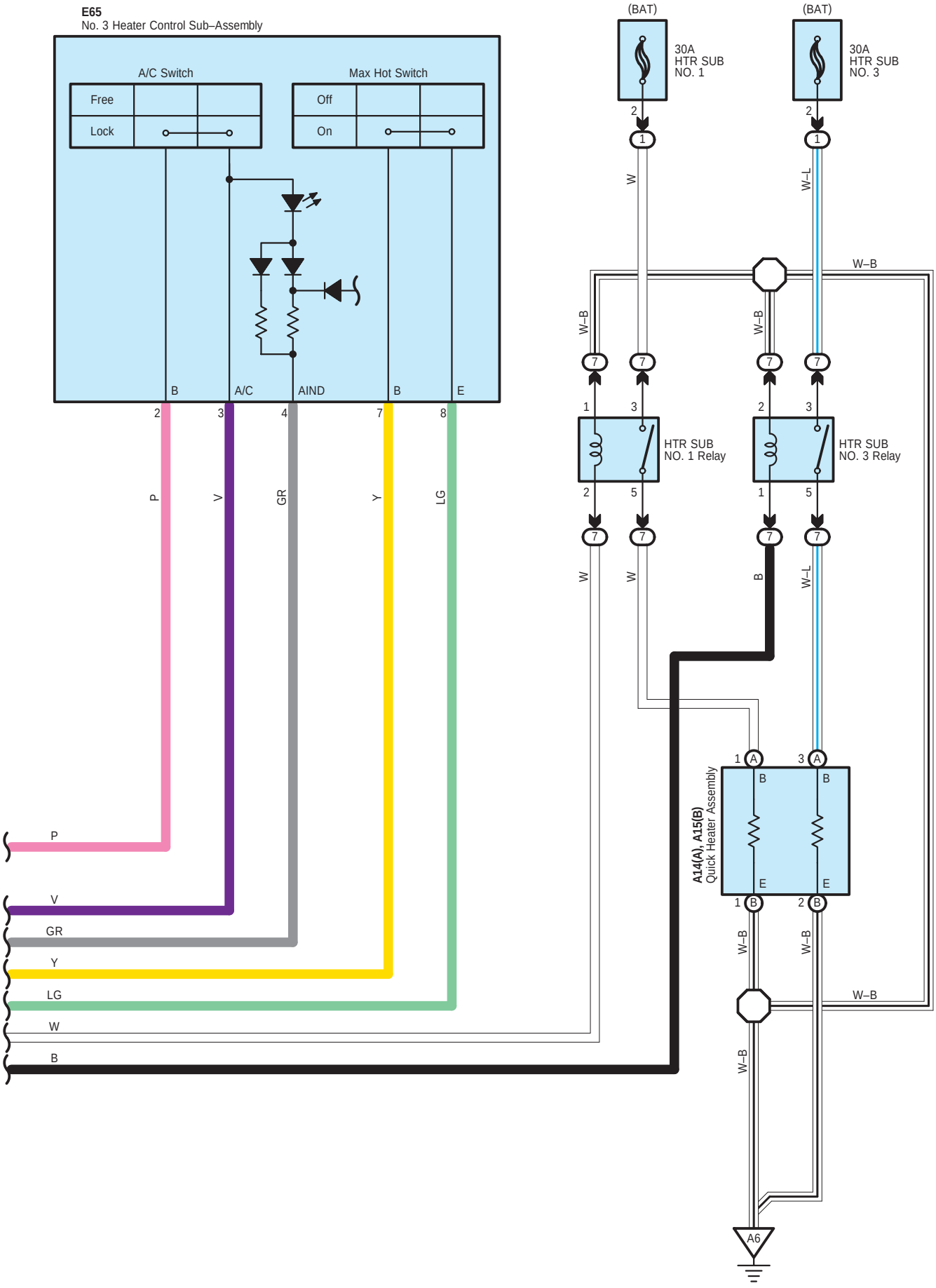

AE3
White
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
9
8
7
6
5
4
3
2
1
25
16
15
14
13
12
11
10
17
24
23
22
21
20
19
18


(IG)
(BAT)
10A
ECU–IG
NO. 2
50A
HTR
1 1I
L
1 2L
2
5
4
HTR Relay
1
3
5 2Q
7 2F
17 2E
O
L
W–B
O
O
O
18 4B
43 4B
31 4B
E66
Blower Resistor
HI
M2
M1
E
1
3
2
4
2
M
1
E64
Blower with Fan
Motor Sub–Assembly
L
L
L
R
O
W–B
6
10
9
4
HI
M2
M1
LO
E
0
1
2
3
4
E70
Heater Control
Sub–Assembly
5
W–B
W–B
W–B
W–B
E5
E4
E1

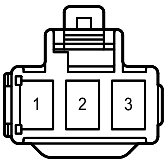

(BAT)
R–B
R–B
50A
H–LP
MAIN
4 1D
R–B
H–LP Relay
1 5
2 3
1
B
6 AE11
B
7 A
E56(A)
Junction
Connector
8 A
B
23 B
HLS
A16
A/C Pressure
Sensor
+
PR
–
3 2 1
B L–W G
1 AE7 2 AE7 3 AE7
B L G
52 4B 54 4B 53 4B
40 4B 42 4B 41 4B
B L G
1 A 6 A 4 A
S5–3 PRE SG–2
O
9 A
SBLW
E62(A), E63(B)
A/C Amplifier Assembly
SOL+
7 A
LG
48 4B
12 4A
LG
22 AE6
LG
3 BA2
LG
2
SOL+
SOL–
B7
With Pulley
Compressor Assembly
1
W–B
B3
A50(A), B31(B)
ECM
NE– NE+ E1 THW ETHW CANH CANL
121 B 122 B 104 B 97 B 96 B 41 A 49 A
(Shielded)
G R BR B BR Y W
BR
10 21
9 20
A47
Junction
Connector
B13
Crank Position
Sensor
1
2
B58
E. F. I. Engine Coolant
Temperature Sensor
2
1
W
B
BR
B4


(BAT)
10A
ECU–B2
2
1
W–L
25 2B
9 2D
W
1 B
B
B14(B)
Generator
Assembly
M
3 B
L
1 BA1
L
14 AE6
L
24 B
ALT
E62(A), E63(B)
A/C Amplifier Assembly
CANL
CANH
GND
TE
SG–3
PTC2
PTC1
HEAT
3 A
2 A
12 A
10 A
11 A
10 B
9 B
14 B
W
V
W–B
W
P
B
W
LG
38 4B
14 4B
26 4C
37 4B
1
2
E67
No. 1 Cooler
Thermistor
15
4
21
10
E58
Junction
Connector
24 AE10
23 AE10
W
B
25 AE10
9 AE10
W
B
18 2E
17 2E
LG
W
B
W–B
W
B
W–B
W–B
W–B
E2
E1

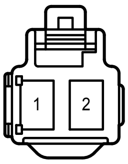

(IG)
10A
HTR–IG
10 2Q
1 2Q
Y
Y
19 4B
45 4B
34 4B
7 2C
1 2C
9 2C
E69
Heater Control Base Sub–Assembly
DEF–LOGIC
F/D
ACID
Off
F/D–D
Air Inlet Control Switch
FRS
LED+
REC
Free
Lock
A/C+
F/D
ACID
FRS
LED+
REC
2
1
8
3
5
4
Y
P
L
Y
Y
B
SB
O
P
W–B
8 A
IG+
LED
A/C
16 A
15 A
E62(A), E63(B)
A/C Amplifier Assembly
33 4B
56 4B
2
1
FRS
REC
IG+
5
E68
Air Mix Damper
Servo Sub–Assembly
GR
L
Y
L
67 4A
78 4A
4 4B
V
B
P
V
GR
Y
LG
W
B
W–B
LG
W
B


E65
No. 3 Heater Control Sub–Assembly
A/C Switch
Free
Lock
Max Hot Switch
Off
On
B
A/C
AIND
B
E
2
3
4
7
8
P
V
GR
Y
LG
W
B
(BAT)
(BAT)
30A
HTR SUB
NO. 1
30A
HTR SUB
NO. 3
W
W–L
W–B
HTR SUB
NO. 1 Relay
HTR SUB
NO. 3 Relay
A14(A), A15(B)
Quick Heater Assembly
A6

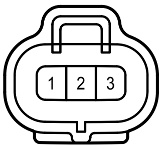
A 14
White



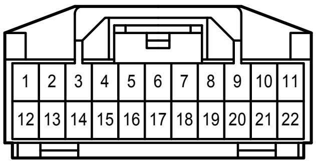
A 15
White



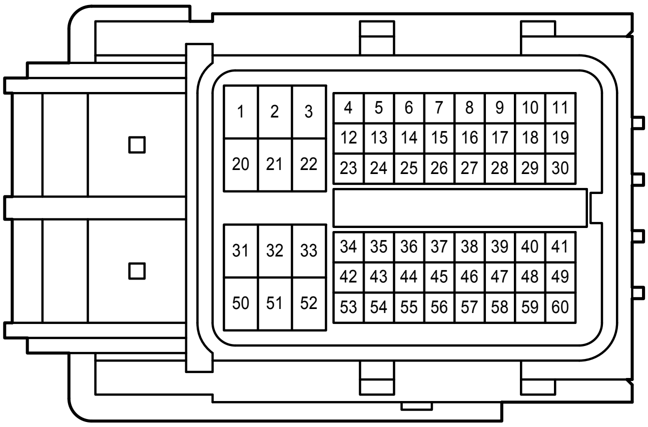
A 16
Black



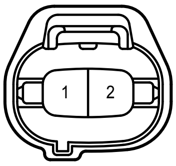
A 47
White



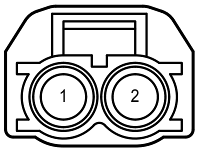
A 50
Black



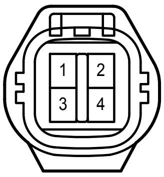
B 7
Black



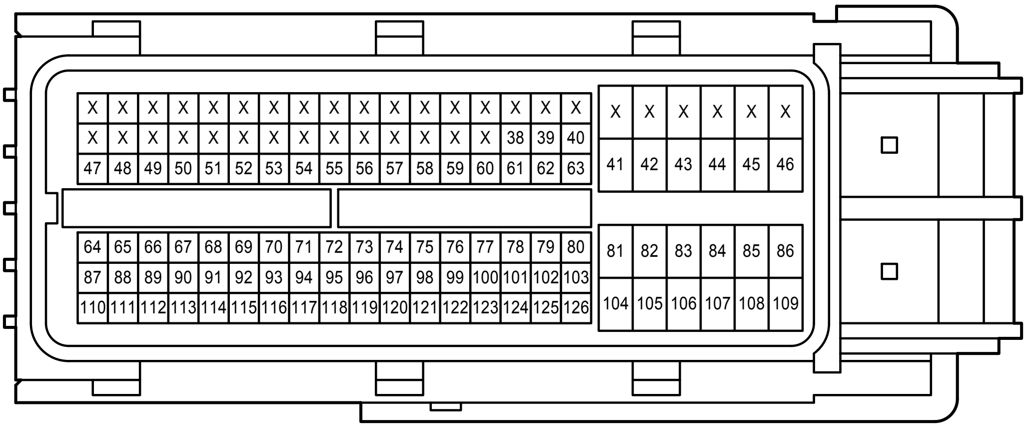
B 13
Black



B 14
Black

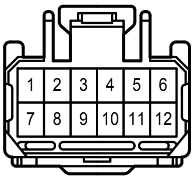


B 31
Black

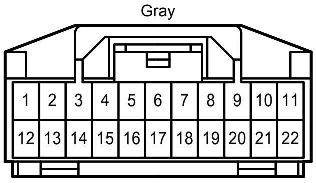


B 58
Gray

E 56
White



E 58
Gray



E 62
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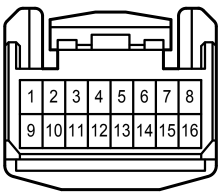

E 63
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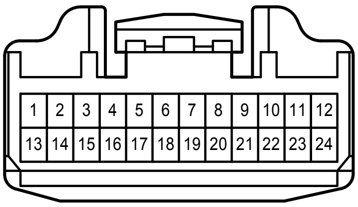

E 64
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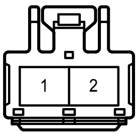

E 65
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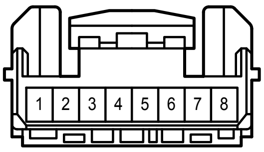

E 66
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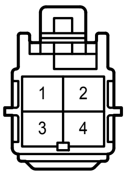

E 67
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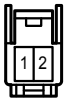

E 68
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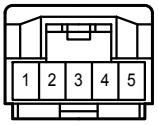

E 69
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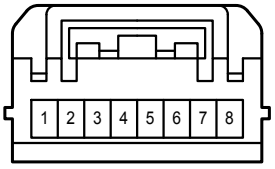

E 70
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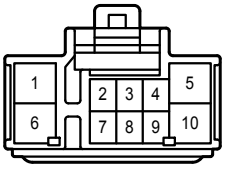
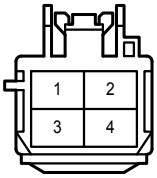
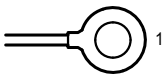


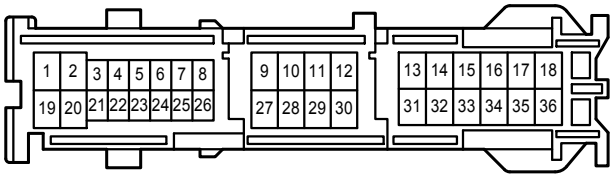
1D
White



1I



2B
White



2C
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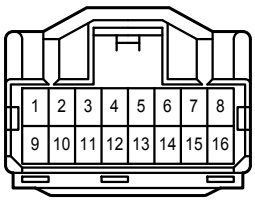

2D
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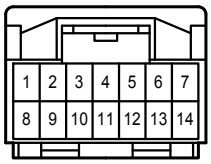

2E
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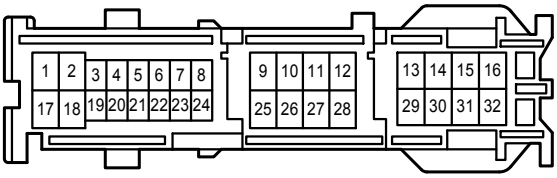

2F
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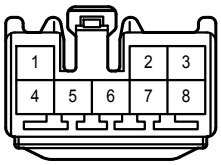
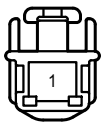
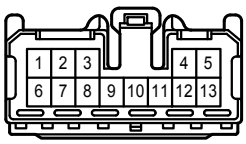


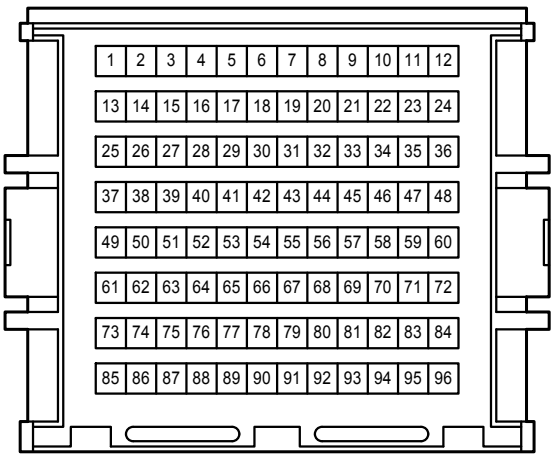
2L
White



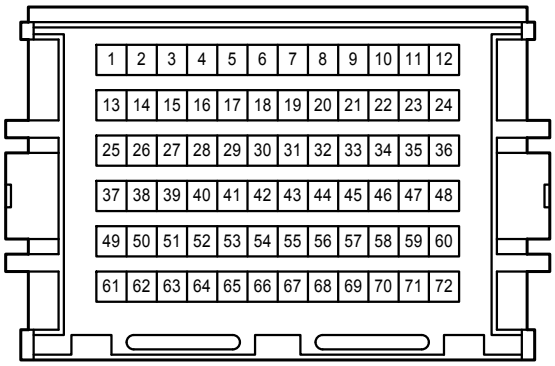
2Q
White



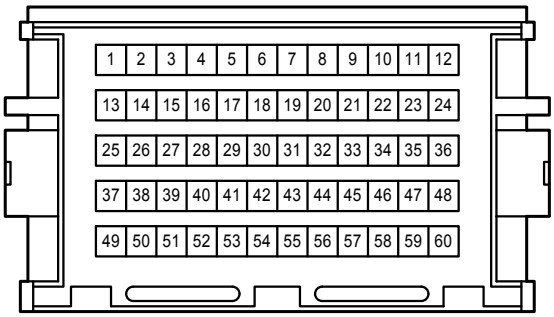
4A
White



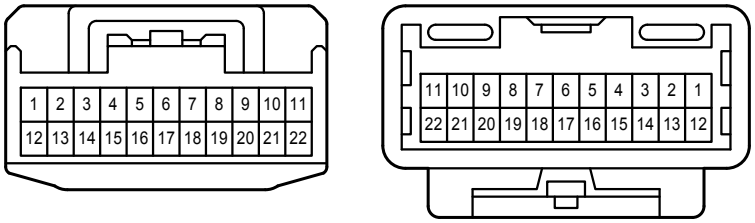
4B
White



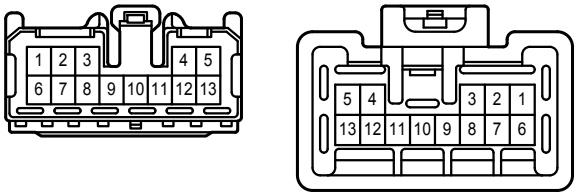
4C
White



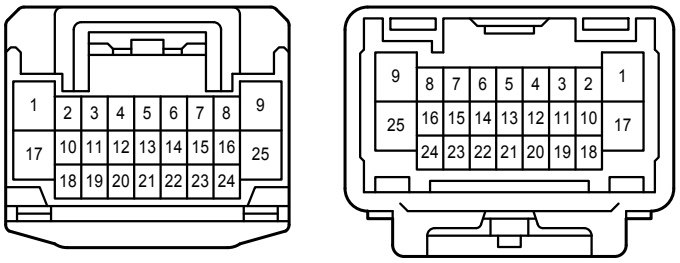
AE6
Gray



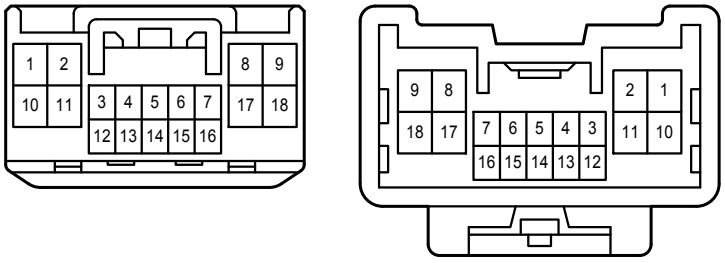
AE7
Blue



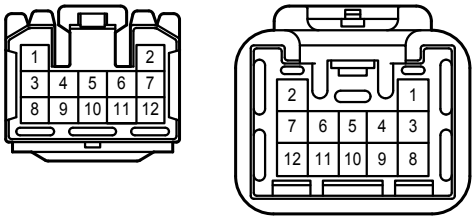
AE10
Gray



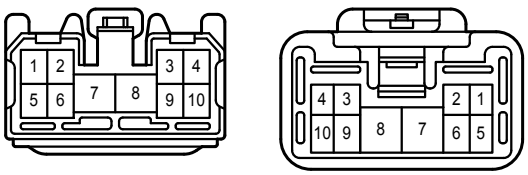
AE11
White

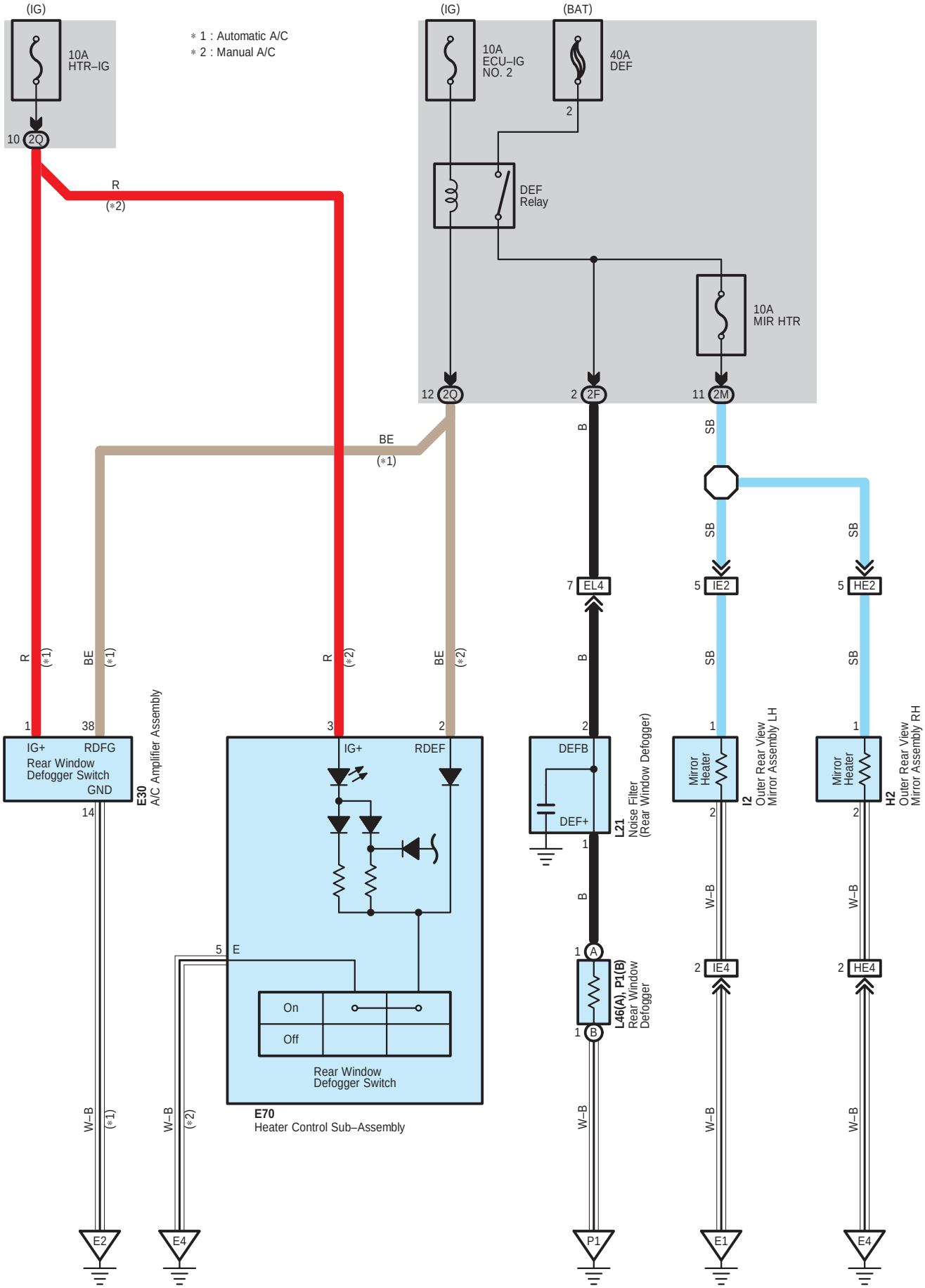


BA1
White

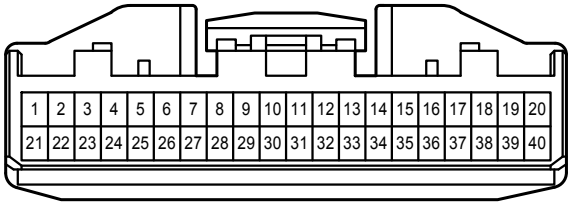


BA2
White

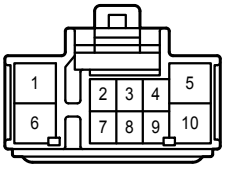



(IG)
10A
HTR–IG
10
2Q
∗1 : Automatic A/C
∗2 : Manual A/C
(IG)
(BAT)
10A
ECU–IG
NO. 2
40A
DEF
2
DEF
Relay
10A
MIR HTR
12
2Q
2
2F
11
2M
R
(∗2)
BE
(∗1)
B
SB
7
EL4
5
IE2
5
HE2
R
(∗1)
BE
(∗1)
R
(∗2)
BE
(∗2)
1
38
3
2
IG+
RDFG
Rear Window
Defogger Switch
GND
14
E30
A/C Amplifier Assembly
IG+
RDEF
5
E
On
Off
Rear Window
Defogger Switch
E70
Heater Control Sub–Assembly
DEFB
DEF+
L21
Noise Filter
(Rear Window Defogger)
1
A
1
B
L46(A), P1(B)
Rear Window
Defogger
Mirror
Heater
I2
Outer Rear View
Mirror Assembly LH
Mirror
Heater
H2
Outer Rear View
Mirror Assembly RH
W–B
(∗1)
W–B
(∗2)
W–B
W–B
W–B
W–B
E2
E4
P1
E1
E4
IE4
HE4

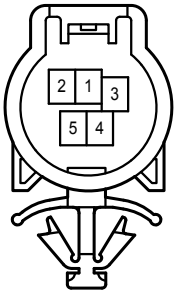
E 30
White



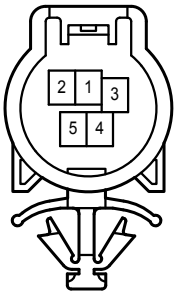
E 70
Gray



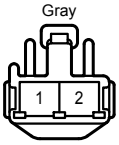
H 2
White



I 2
White



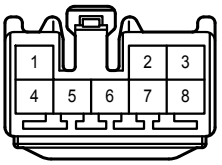
L 21
Gray



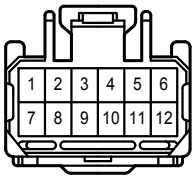
L 46
Black

P 1
Black

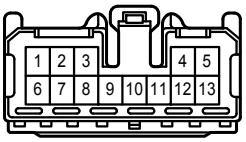
2F
White



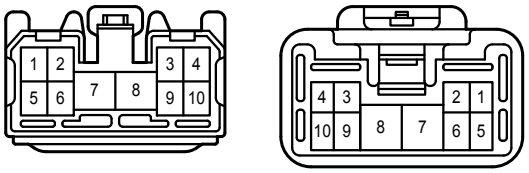
2M
White



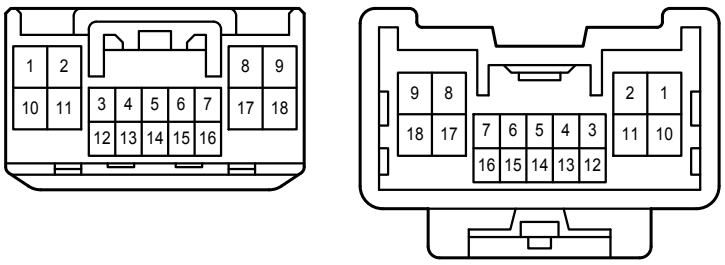
2Q
White



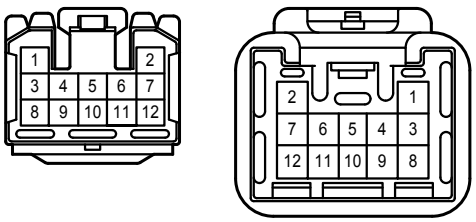
EL4
Gray



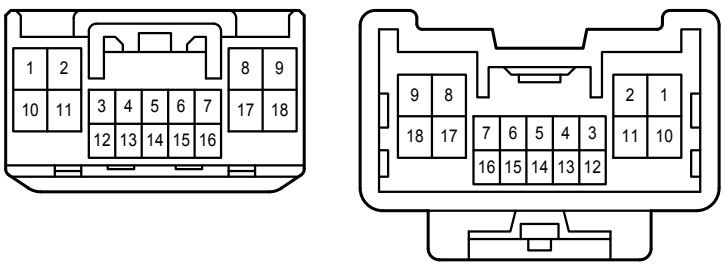
HE2
White



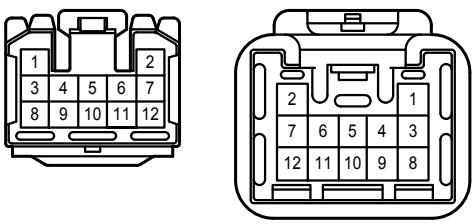
HE4
White

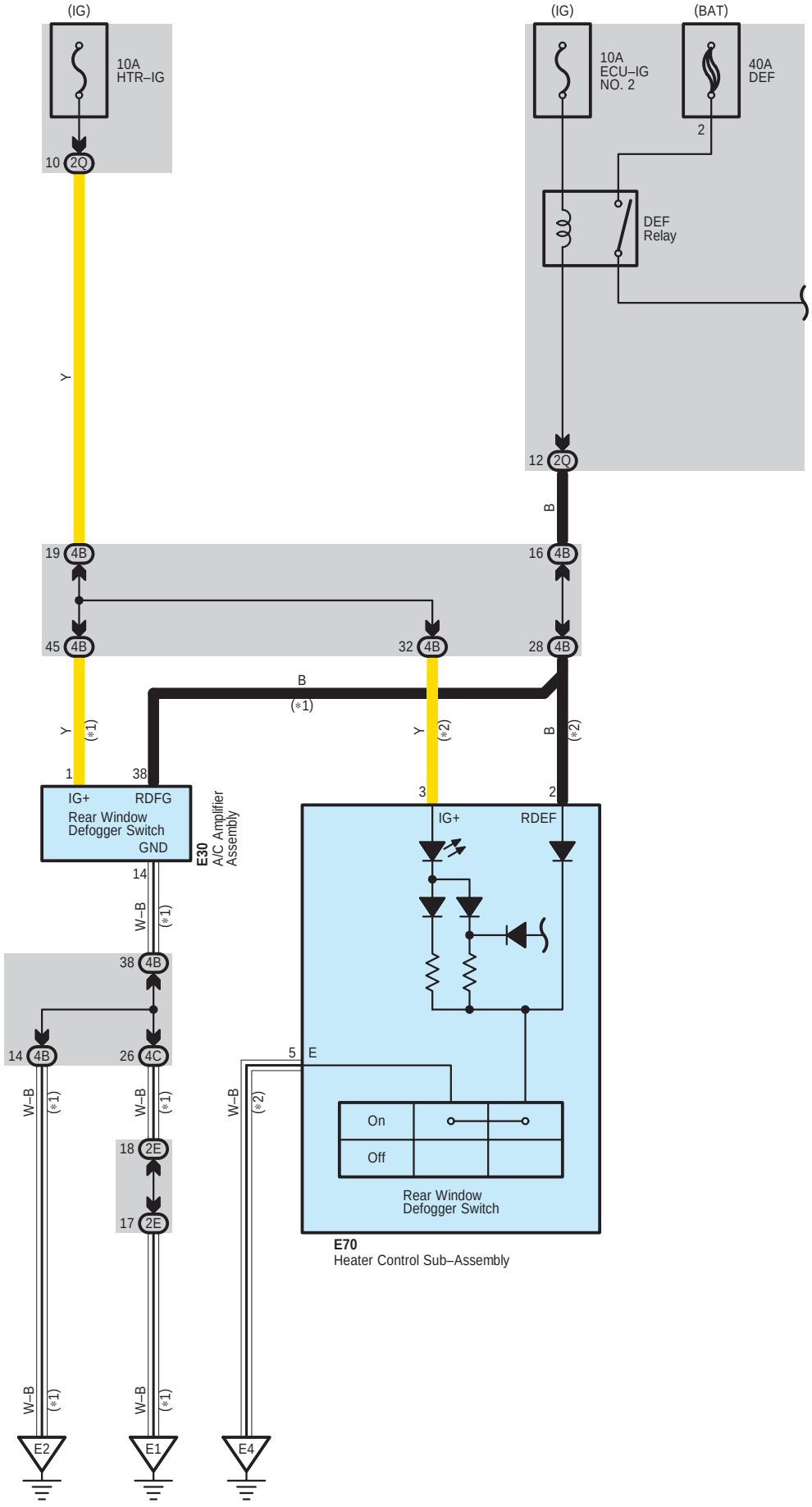


IE2
White

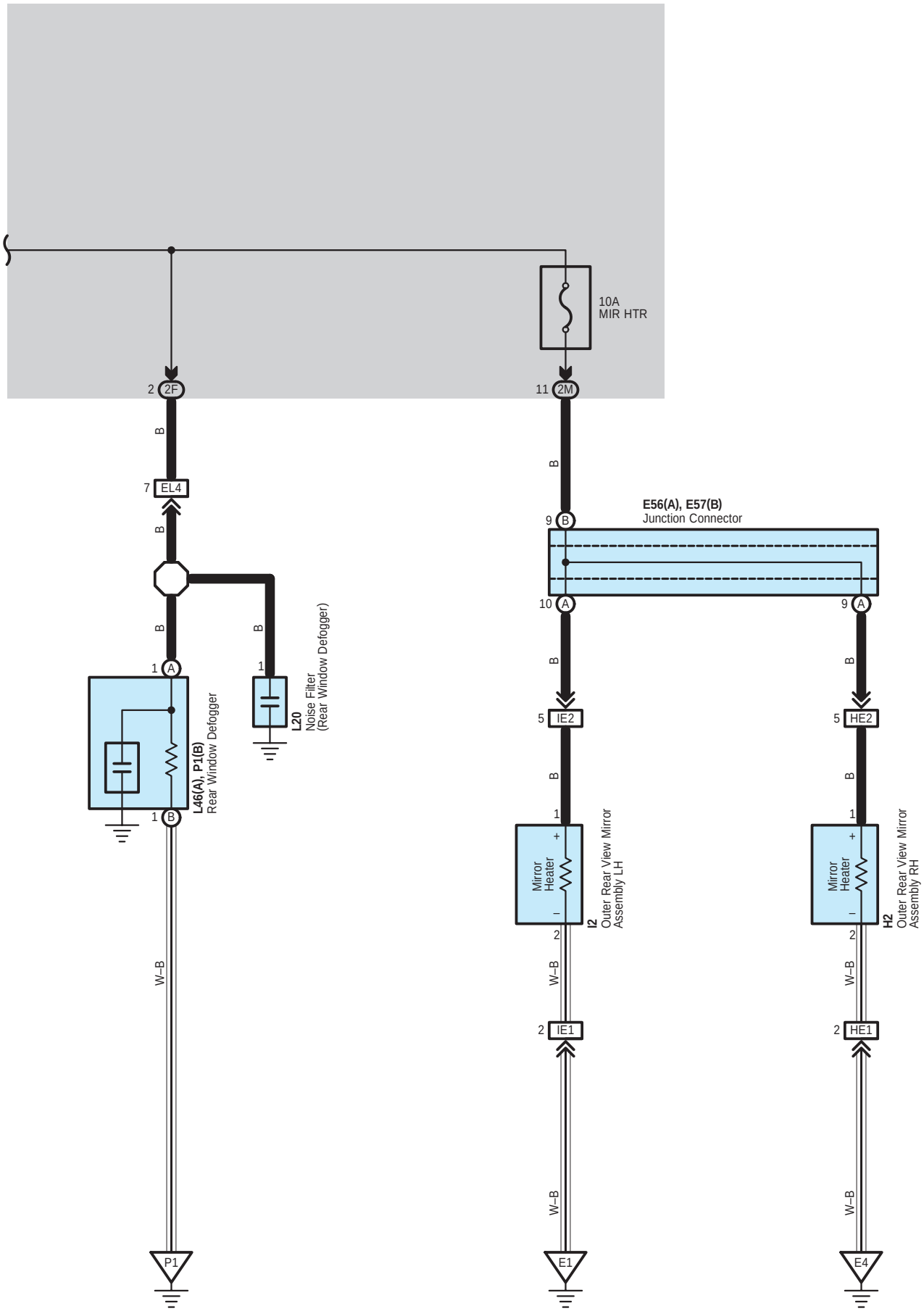


IE4
White

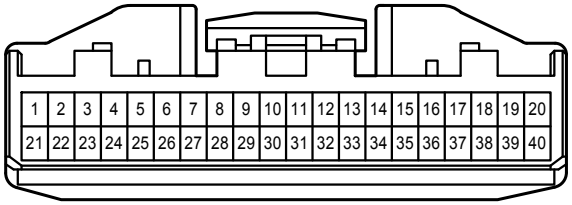



(IG)
10A
HTR–IG
10
2Q
(IG)
(BAT)
10A
ECU–IG
NO. 2
40A
DEF
2
DEF
Relay
12
2Q
Y
B
19
4B
16
4B
45
4B
32
4B
28
4B
B
(*1)
Y
(*1)
Y
(*2)
B
(*2)
1
38
3
2
IG+
RDFG
Rear Window
Defogger Switch
GND
E30
A/C Amplifier
Assembly
IG+
RDEF
14
W–B
(*1)
38
4B
14
4B
26
4C
5
E
W–B
(*1)
W–B
(*1)
W–B
(*2)
On
Off
Rear Window
Defogger Switch
18
2E
17
2E
E70
Heater Control Sub–Assembly
W–B
(*1)
W–B
(*1)
E2
E1
E4

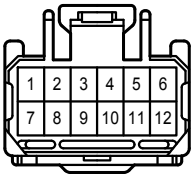
* 1 : Automatic A/C
* 2 : Manual A/C



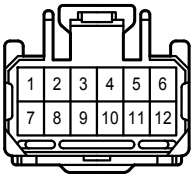
E 30
White



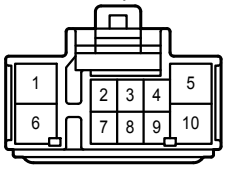
E 56
White



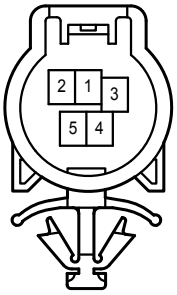
E 57
White



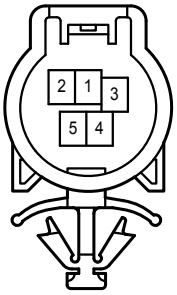
E 70
Gray



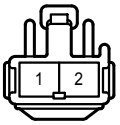
H 2
White



I 2
White



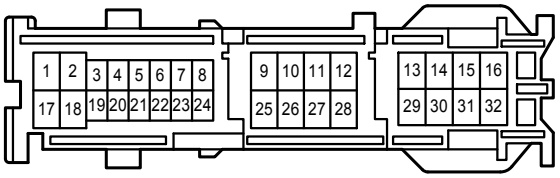
L 20
White



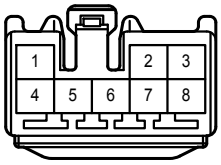
L 46
Black

P 1
Black

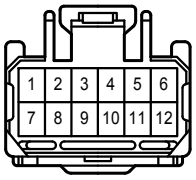
2E
White



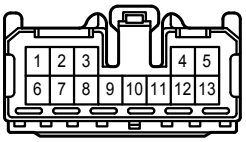
2F
White



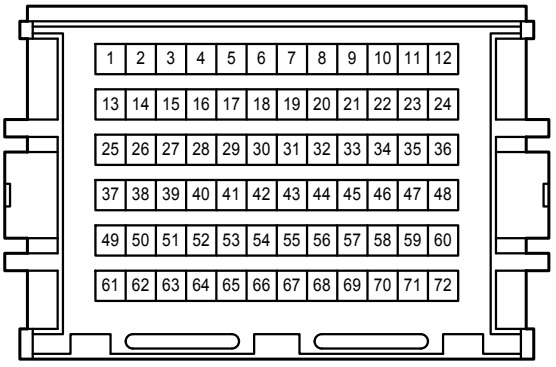
2M
White



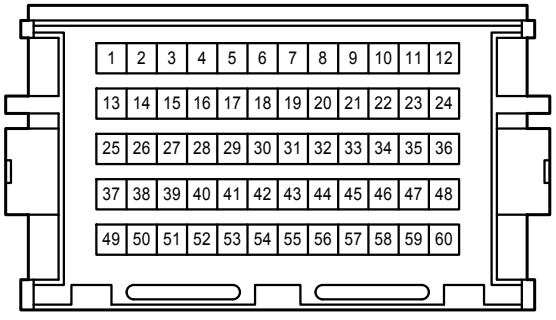
2Q
White



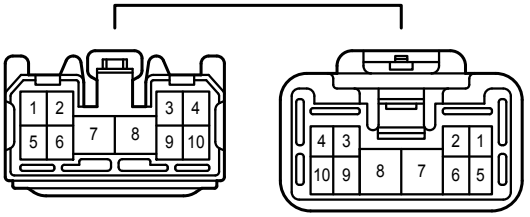
4B
White

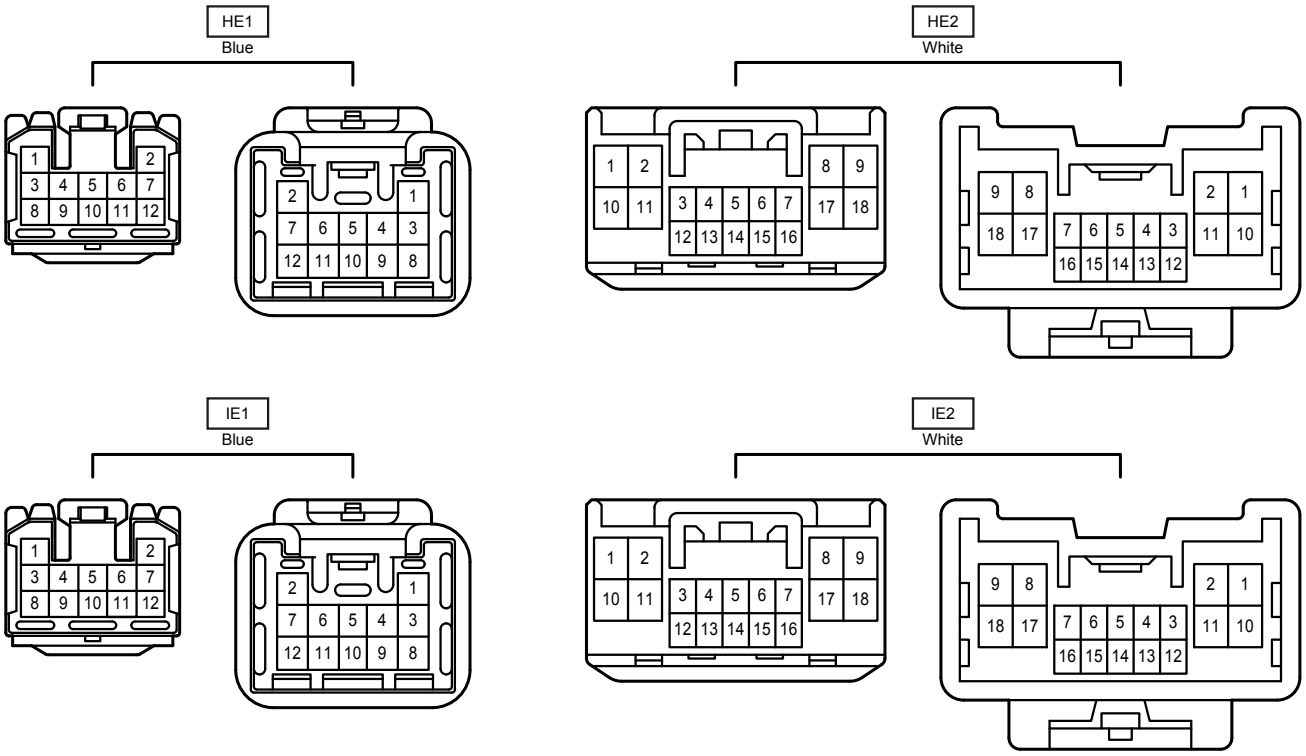


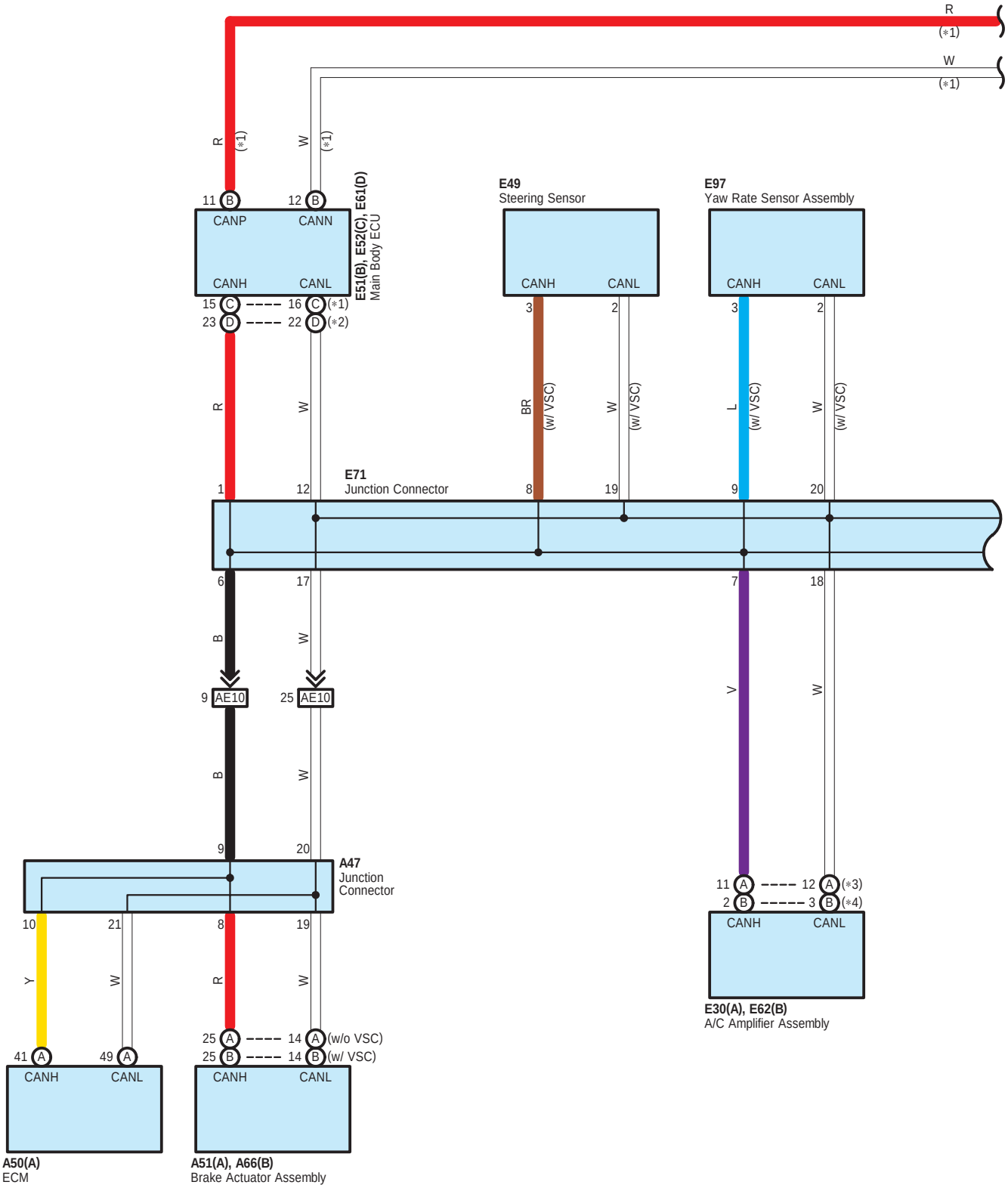
4C
White



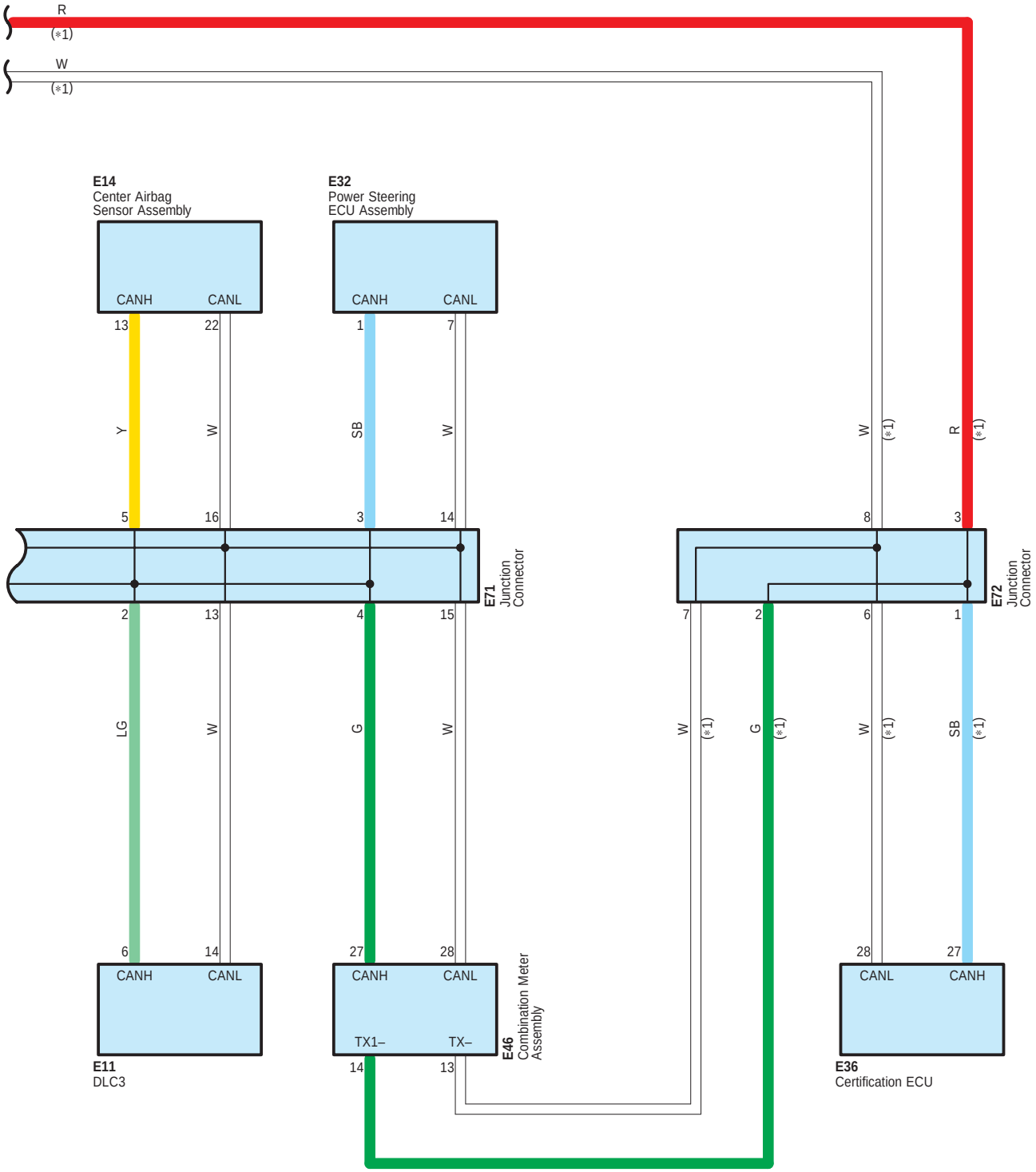
EL4
Gray



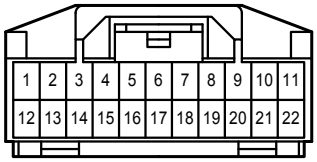

HE1
Blue
HE2
White
IE1
Blue
IE2
White


R
(*1)
W
(*1)
R
(*1)
W
(*1)
11 B
12 B
CANP
CANN
CANH
CANL
E51(B), E52(C), E61(D)
Main Body ECU
15 C
16 C
(*1)
23 D
22 D
(*2)
E49
Steering Sensor
CANH
CANL
3
2
E97
Yaw Rate Sensor Assembly
CANH
CANL
3
2
BR
(w/ VSC)
W
(w/ VSC)
L
(w/ VSC)
W
(w/ VSC)
E71
Junction Connector
1
12
8
19
9
20
6
17
7
18
B
W
V
W
9 AE10
25 AE10
A47
Junction
Connector
9
20
10
21
8
19
Y
W
R
W
11 A
12 A
(*3)
2 B
3 B
(*4)
CANH
CANL
E30(A), E62(B)
A/C Amplifier Assembly
25 A
14 A
(w/o VSC)
25 B
14 B
(w/ VSC)
41 A
49 A
CANH
CANL
CANH
CANL
A50(A)
ECM
A51(A), A66(B)
Brake Actuator Assembly

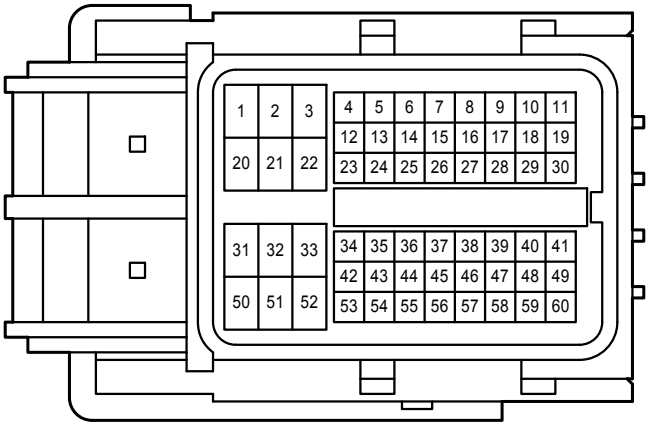
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System
∗ 3 : Automatic A/C
∗ 4 : Manual A/C



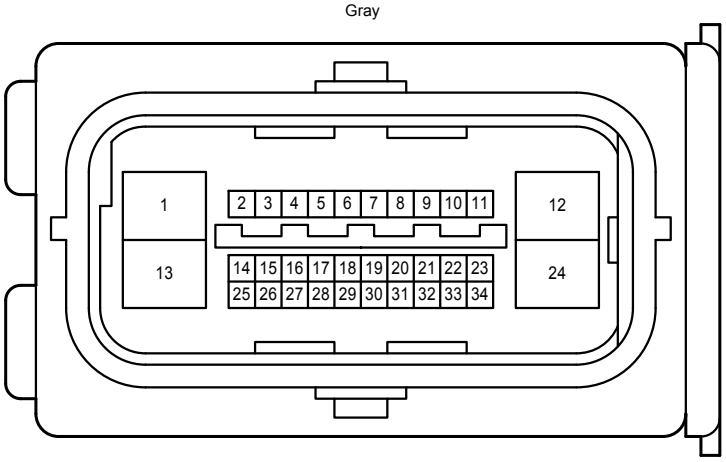
A 47
White



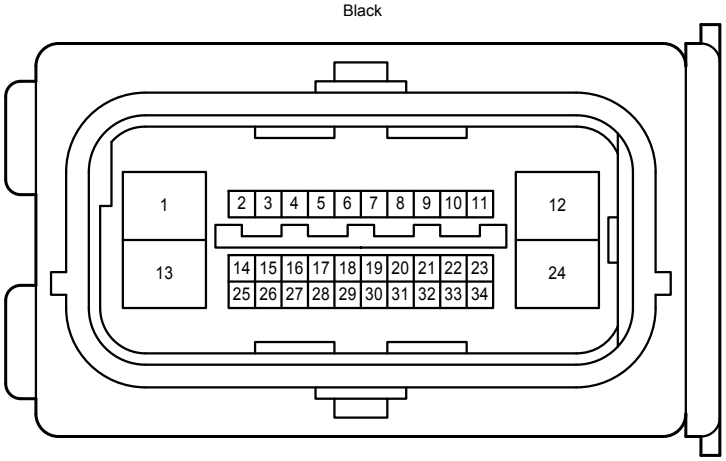
A 50
Black



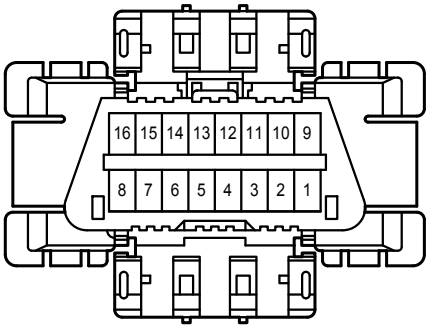
A 51
Gray



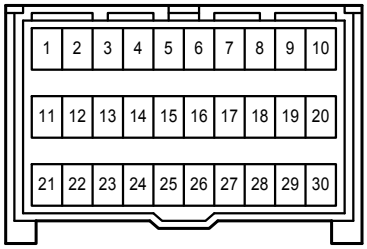
A 66
Black



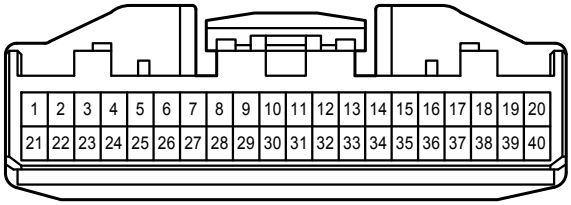
E 11
White



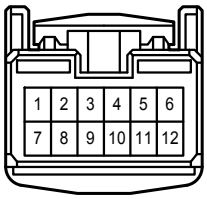
E 14
Yellow



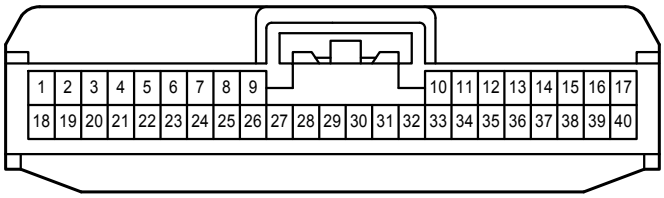
E 30
White



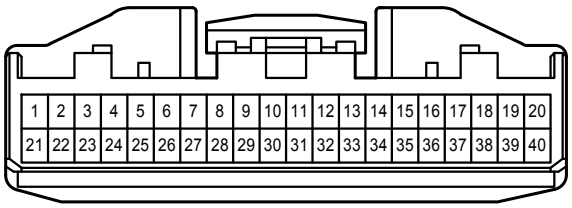
E 32
White



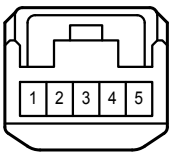
E 36
White



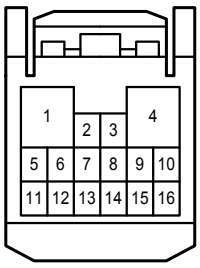
E 46
White



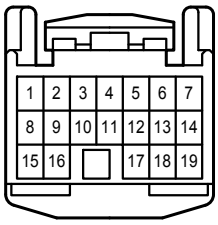
E 49
Black



E 51
White



E 52
White



E 61
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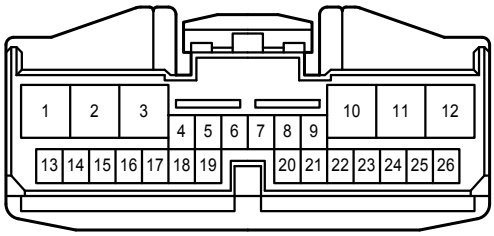
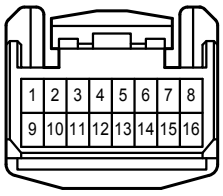
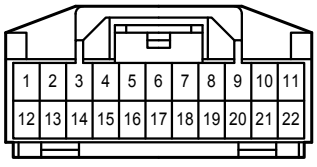


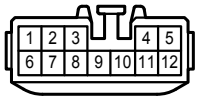
E 62
White



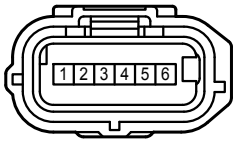
E 71
White

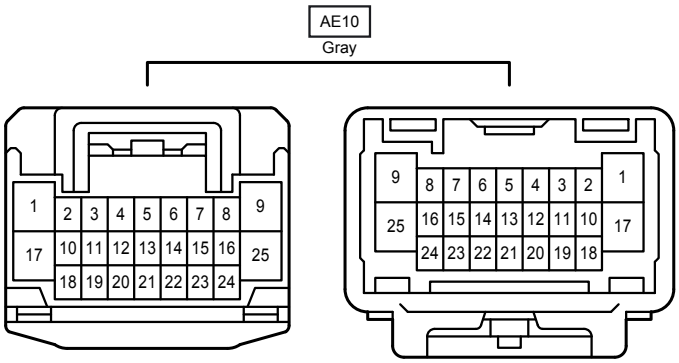


E 72
Black



E 97
Black




AE10
Gray
1
2
3
4
5
6
7
8
9
17
10
11
12
13
14
15
16
25
18
19
20
21
22
23
24
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22
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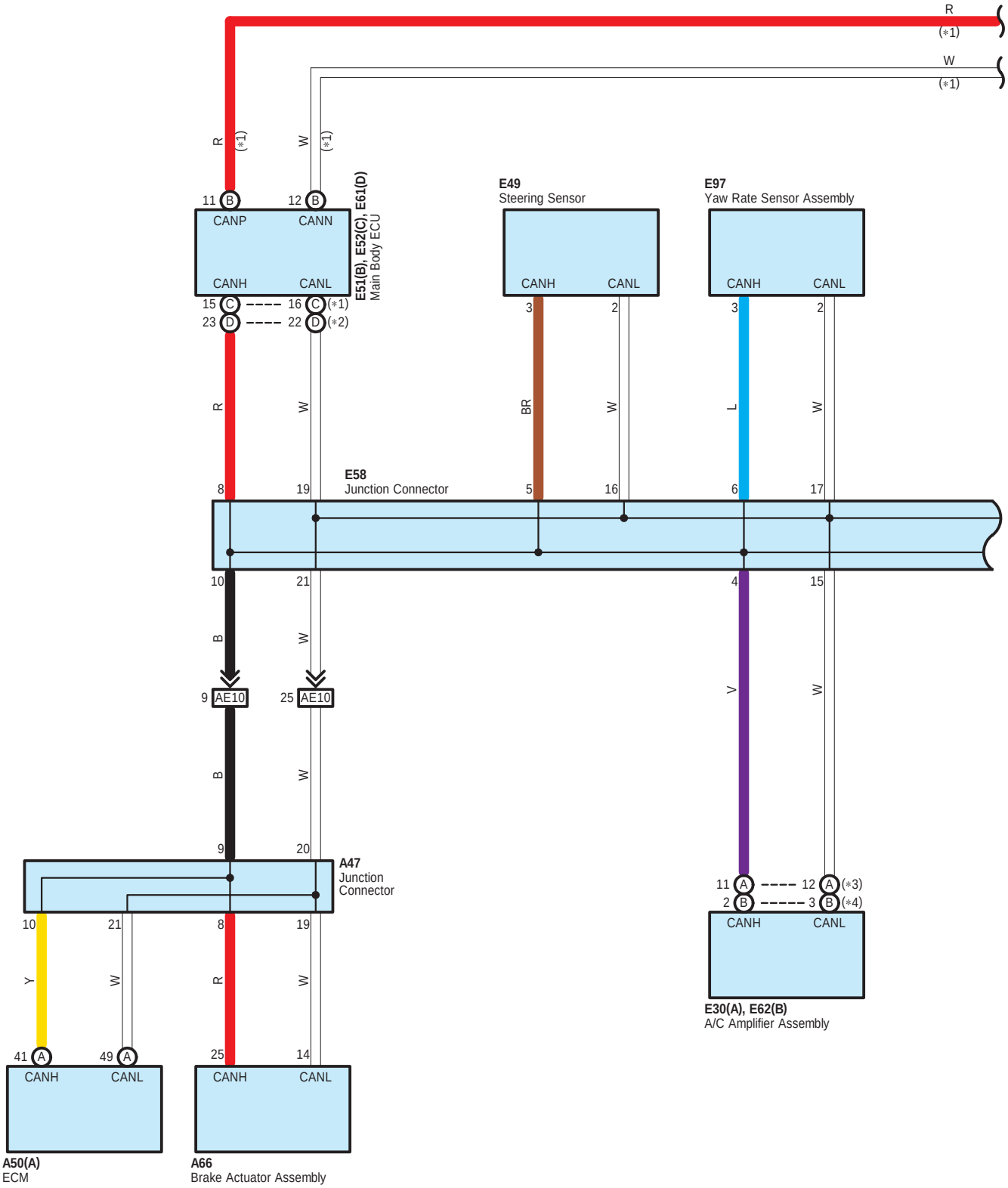
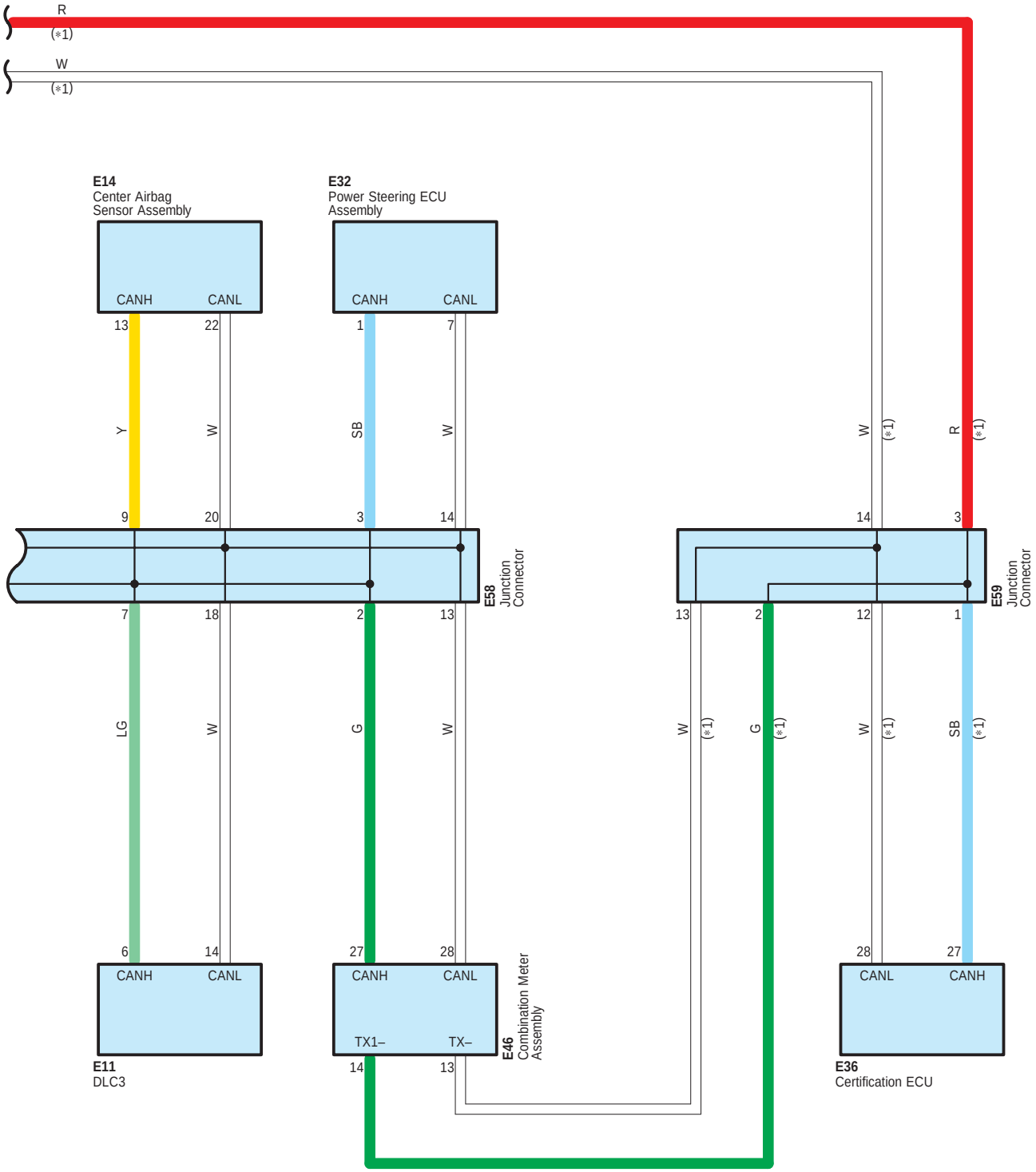
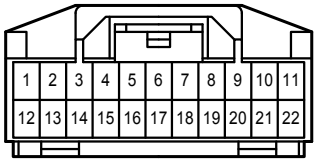
20
19
18


R
(*1)
W
(*1)
R
(*1)
W
(*1)
11 B
12 B
CANP
CANN
CANH
CANL
E51(B), E52(C), E61(D)
Main Body ECU
15 C
16 C
(*1)
23 D
22 D
(*2)
E49
Steering Sensor
CANH
CANL
3
2
E97
Yaw Rate Sensor Assembly
CANH
CANL
3
2
R
W
BR
W
L
W
E58
Junction Connector
8
19
5
16
6
17
10
21
4
15
B
W
V
W
9 AE10
25 AE10
B
W
9
20
A47
Junction
Connector
10
21
8
19
11 A
12 A
(*3)
2 B
3 B
(*4)
Y
W
R
W
CANH
CANL
41 A
49 A
25
14
CANH
CANL
CANH
CANL
A50(A)
ECM
A66
Brake Actuator Assembly
E30(A), E62(B)
A/C Amplifier Assembly

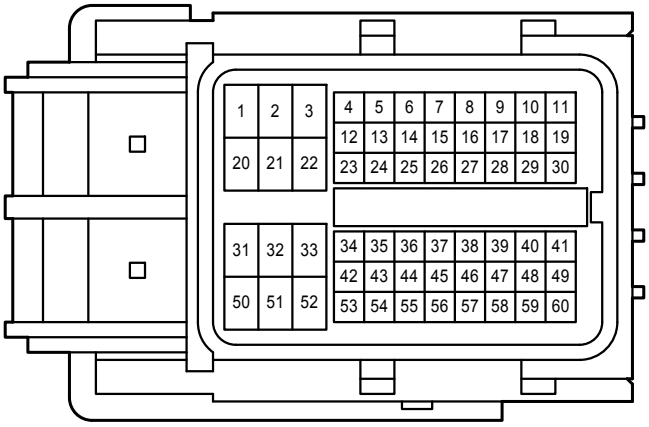
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : Automatic A/C
* 4 : Manual A/C



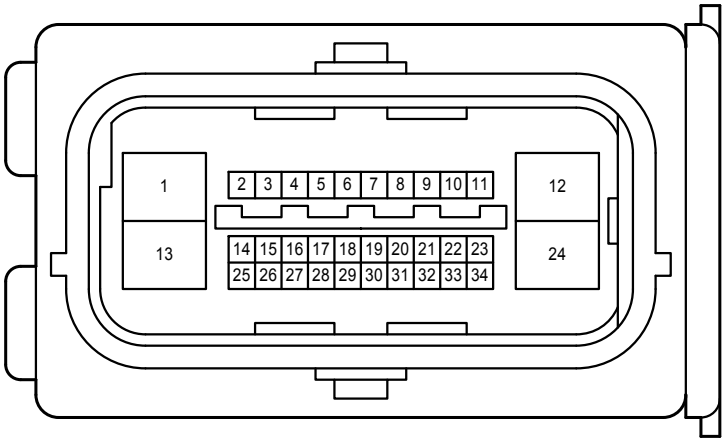
A 47
White



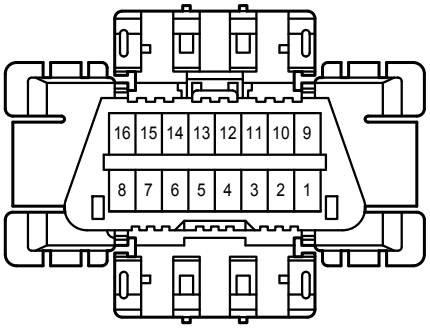
A 50
Black



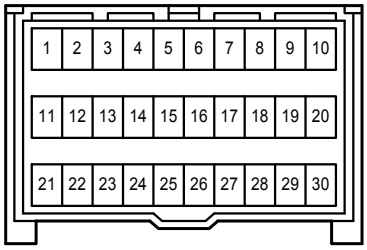
A 66
Black



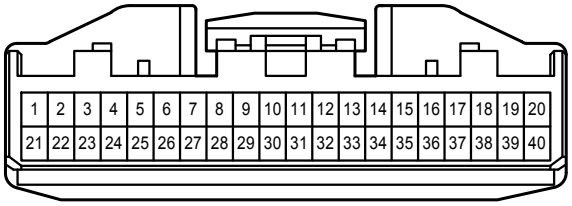
E 11
White



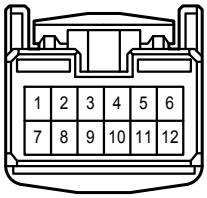
E 14
Yellow



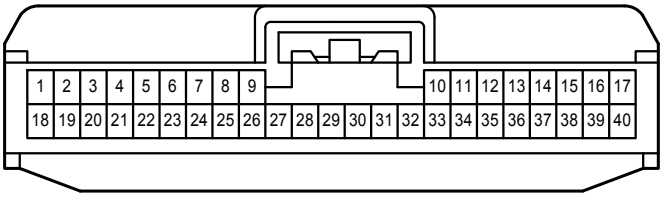
E 30
White



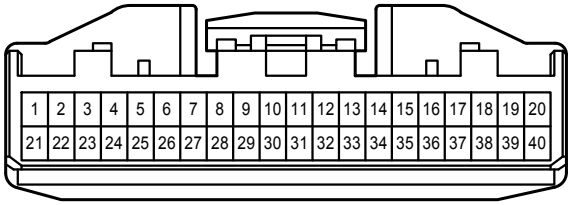
E 32
White



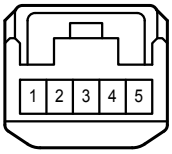
E 36
White



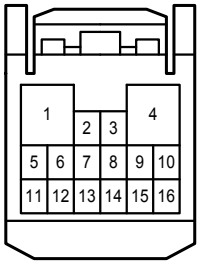
E 46
White



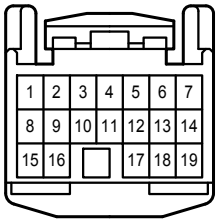
E 49
Black



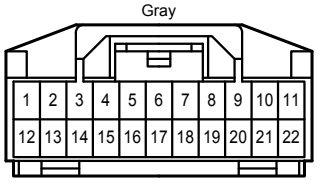
E 51
White



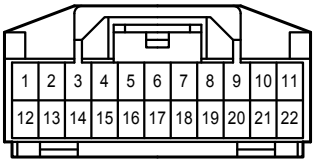
E 52
White



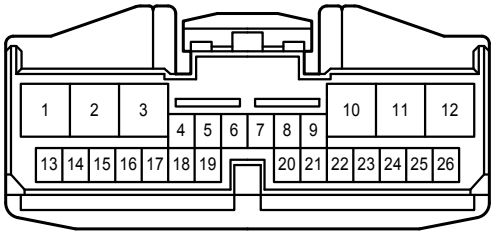
E 58
Gray



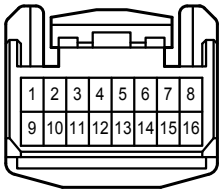
E 59
White



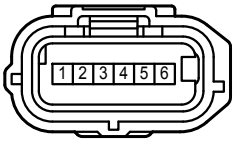
E 61
White



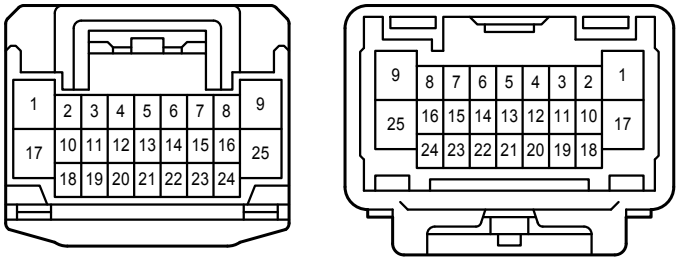
E 62
White

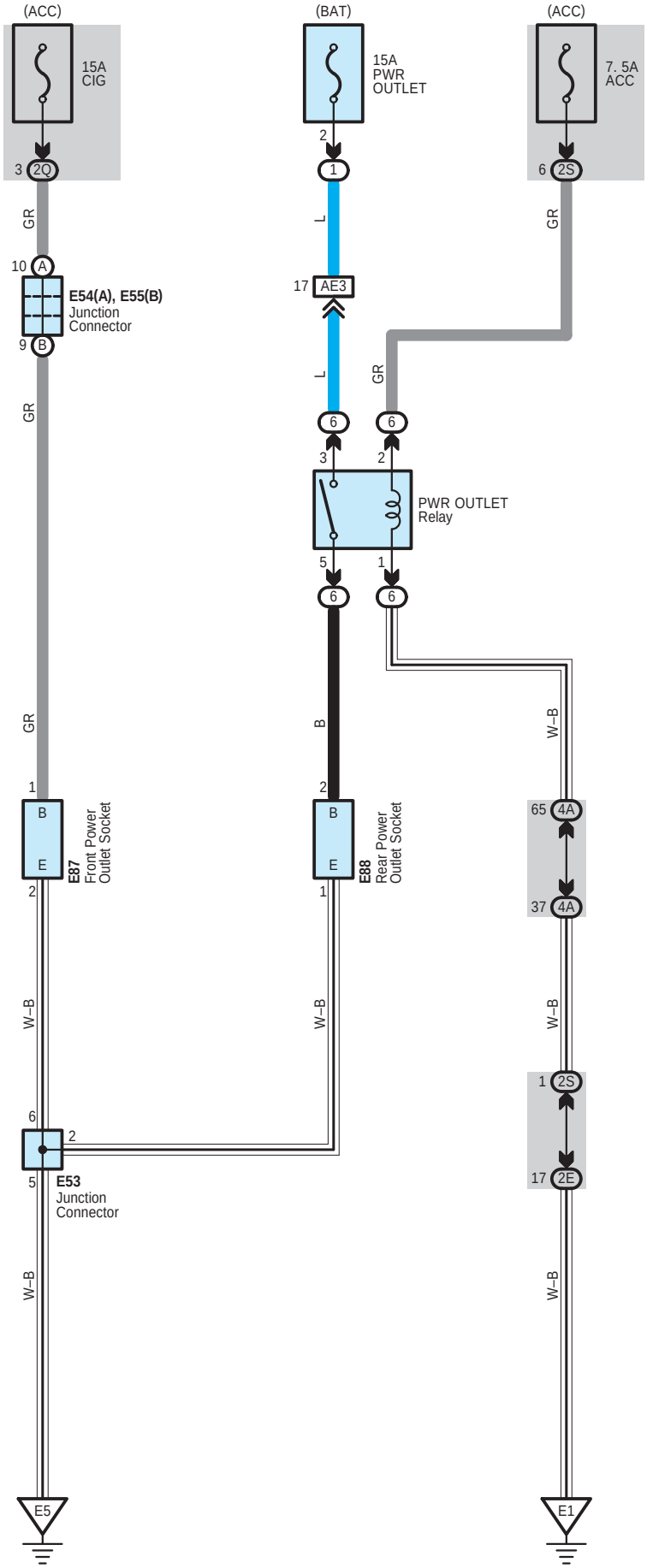


E 97
Black

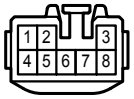


AE10
Gray

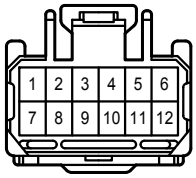



(ACC)
15A
CIG
3 2Q
GR
10 A
E54(A), E55(B)
Junction
Connector
9 B
GR
GR
1
B
E
E87
Front Power
Outlet Socket
2
W–B
6
2
5
E53
Junction
Connector
W–B
E5
(BAT)
15A
PWR
OUTLET
2
1
L
17 AE3
L
6
3
PWR OUTLET
Relay
5
6
B
2
B
E
E88
Rear Power
Outlet Socket
1
W–B
(ACC)
7. 5A
ACC
6 2S
GR
GR
6
2
1
6
W–B
65 4A
37 4A
W–B
1 2S
17 2E
W–B
E1

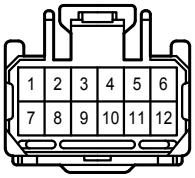
E 53
White



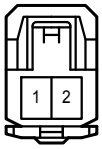
E 54
White



E 55
White

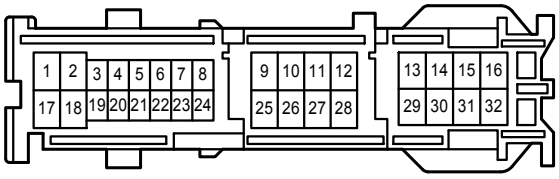


E 87
White

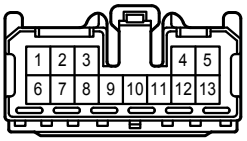


E 88
White

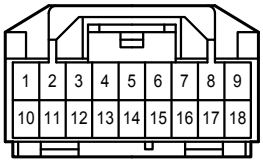
2E
White



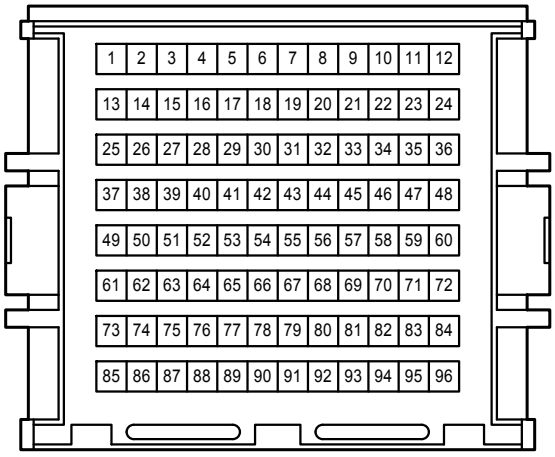
2Q
White



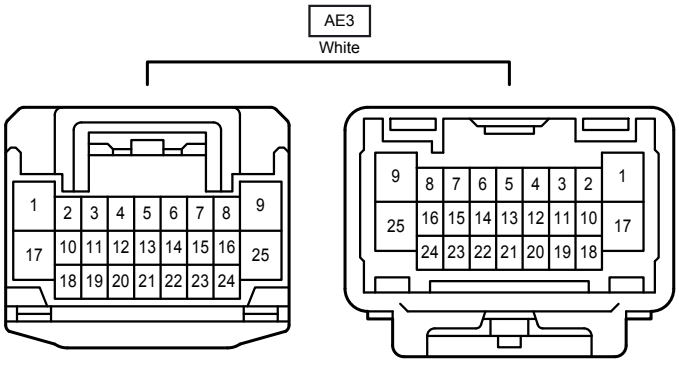
2S
White

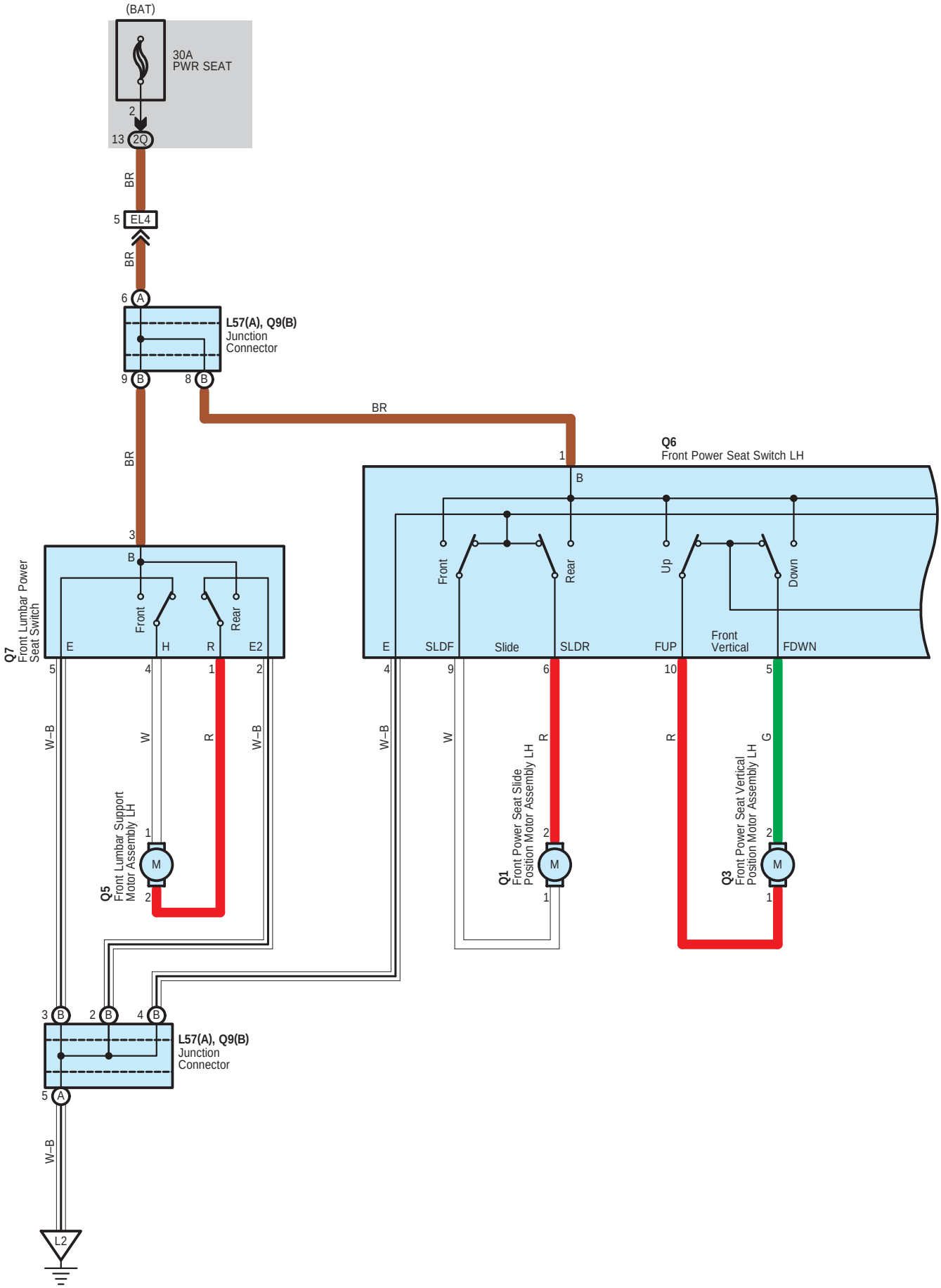


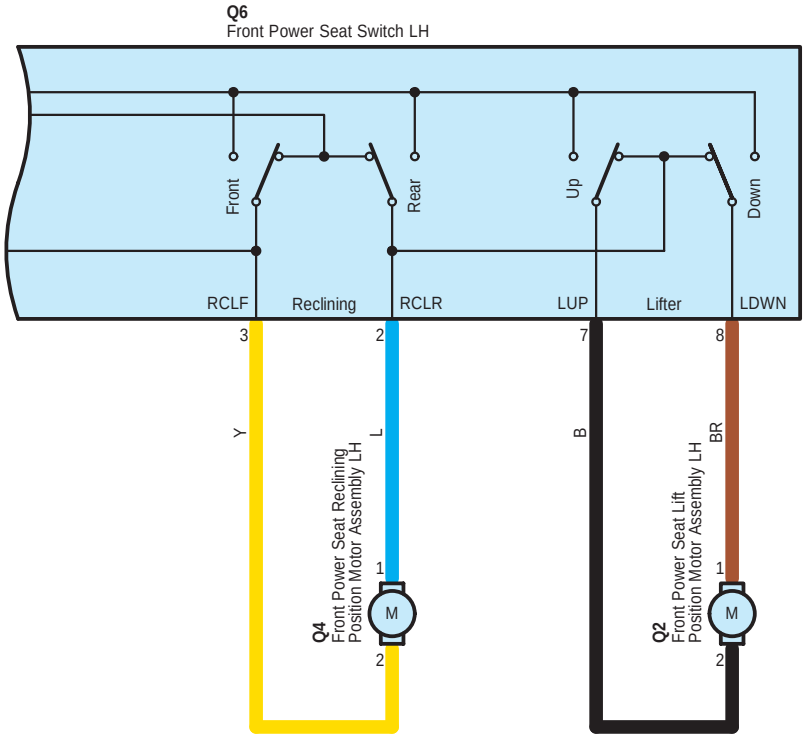
4A
White



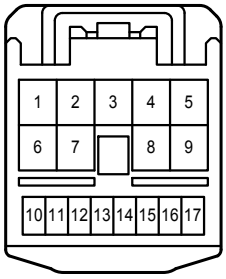
AE3
White



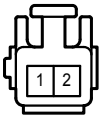

(BAT)
30A
PWR SEAT
2
13 2Q
BR
5 EL4
BR
6 A
L57(A), Q9(B)
Junction
Connector
9 B
8 B
BR
BR
3
B
Q7
Front Lumbar Power
Seat Switch
Front
Rear
E
H
R
E2
5
4
1
2
W–B
W
R
W–B
Q5
Front Lumbar Support
Motor Assembly LH
M
1
2
BR
1
Q6
Front Power Seat Switch LH
B
Front
Rear
Up
Down
E
SLDF
Slide
SLDR
FUP
Front
Vertical
FDWN
4
9
6
10
5
W–B
W
R
R
G
Q1
Front Power Seat Slide
Position Motor Assembly LH
Q3
Front Power Seat Vertical
Position Motor Assembly LH
M
2
1
3 B
2 B
4 B
L57(A), Q9(B)
Junction
Connector
5 A
W–B
L2


Q6
Front Power Seat Switch LH
Front
Rear
Up
Down
RCLF
Reclining
RCLR
LUP
Lifter
LDWN
3
2
7
8
Y
L
B
BR
Q4
Front Power Seat Reclining
Position Motor Assembly LH
Q2
Front Power Seat Lift
Position Motor Assembly LH
M
M
1
2
1
2

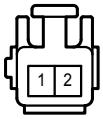
L 57
White



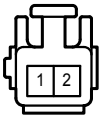
Q 1
Black



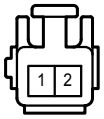
Q 2
Black



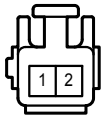
Q 3
Black



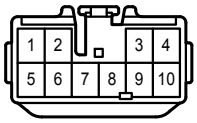
Q 4
Black



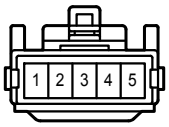
Q 5
White



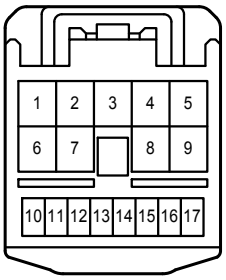
Q 6
White



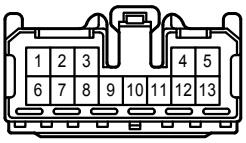
Q 7
White



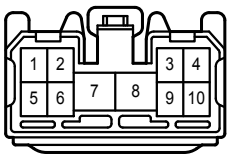
Q 9
White

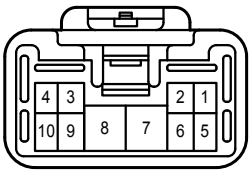


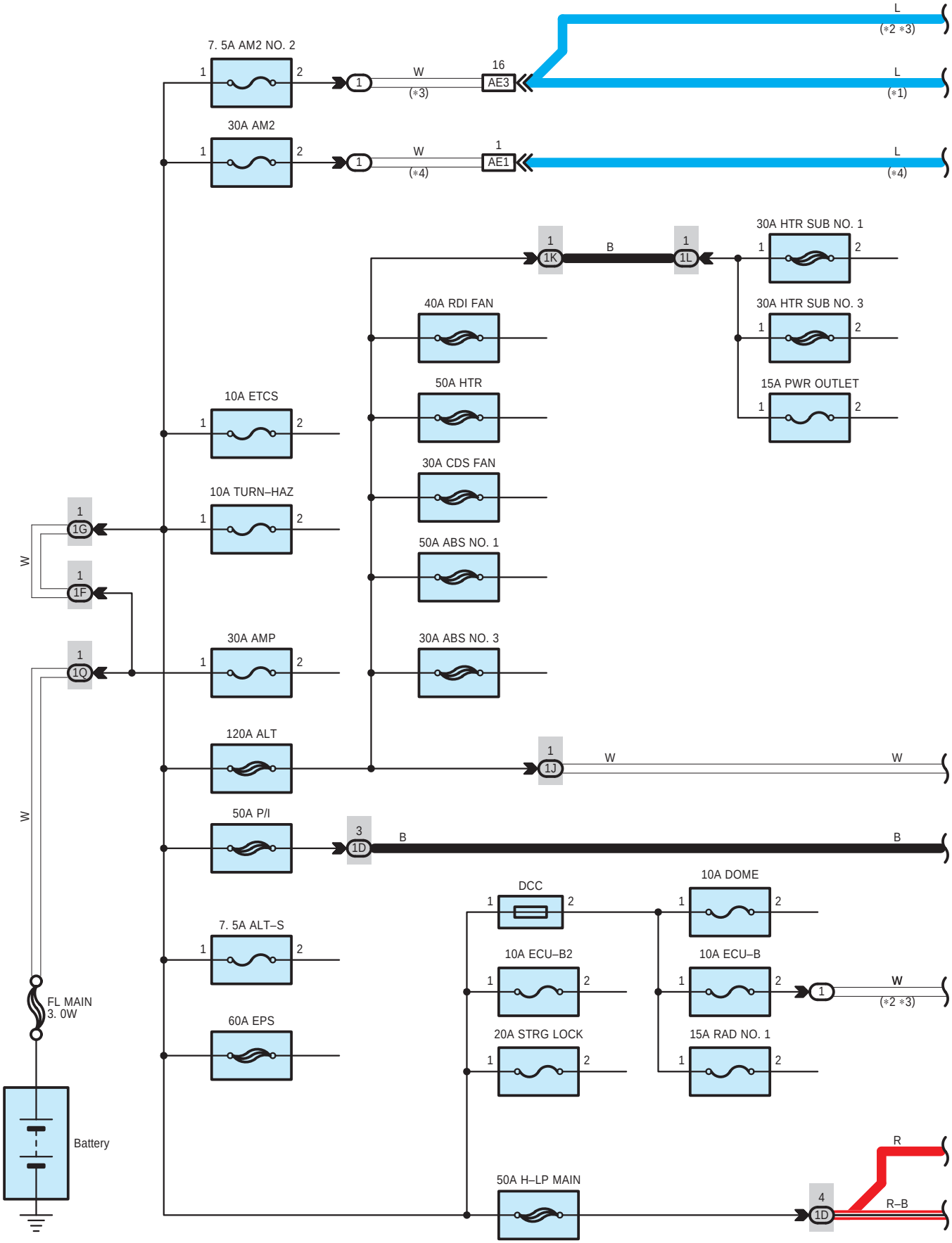
2Q
White

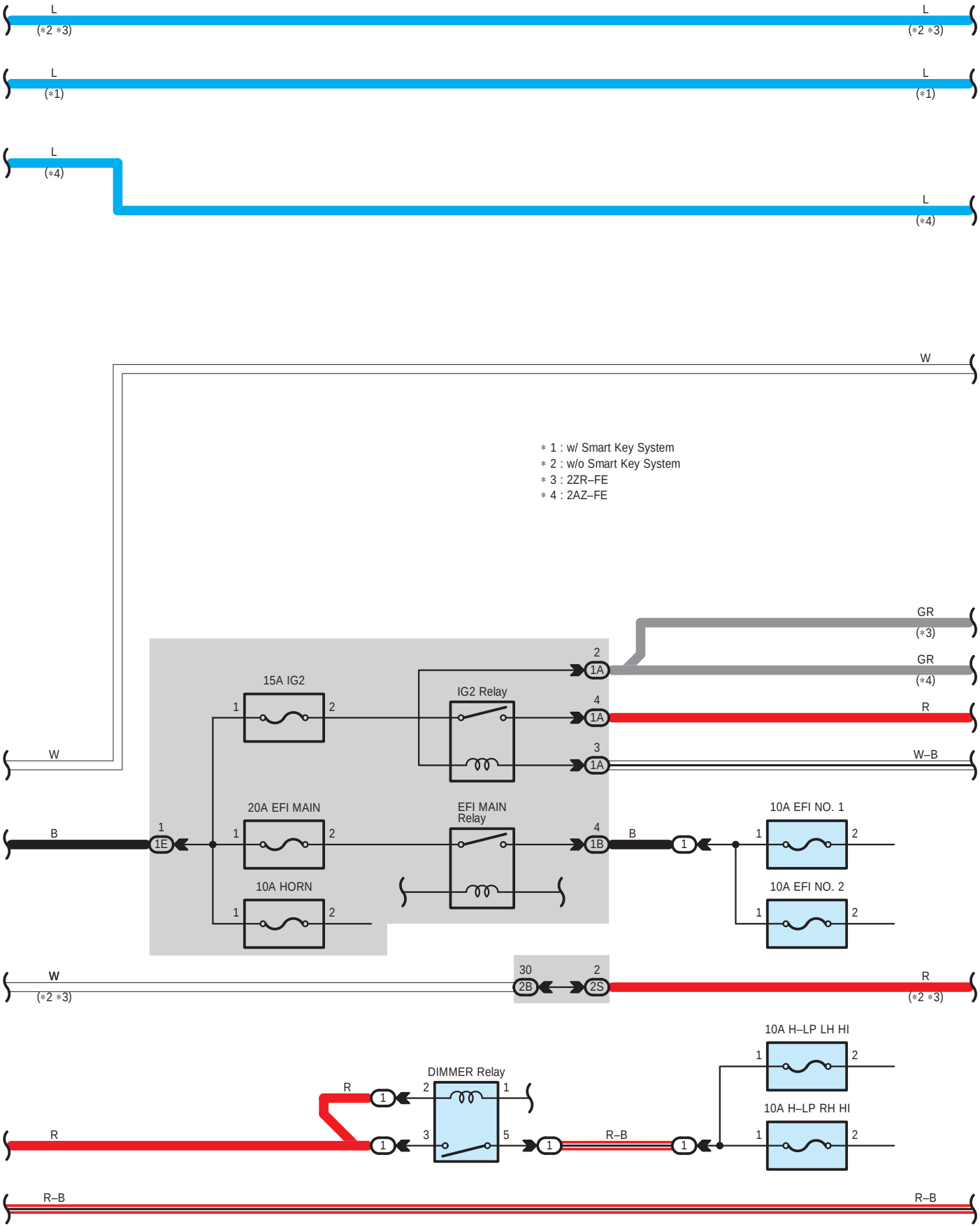


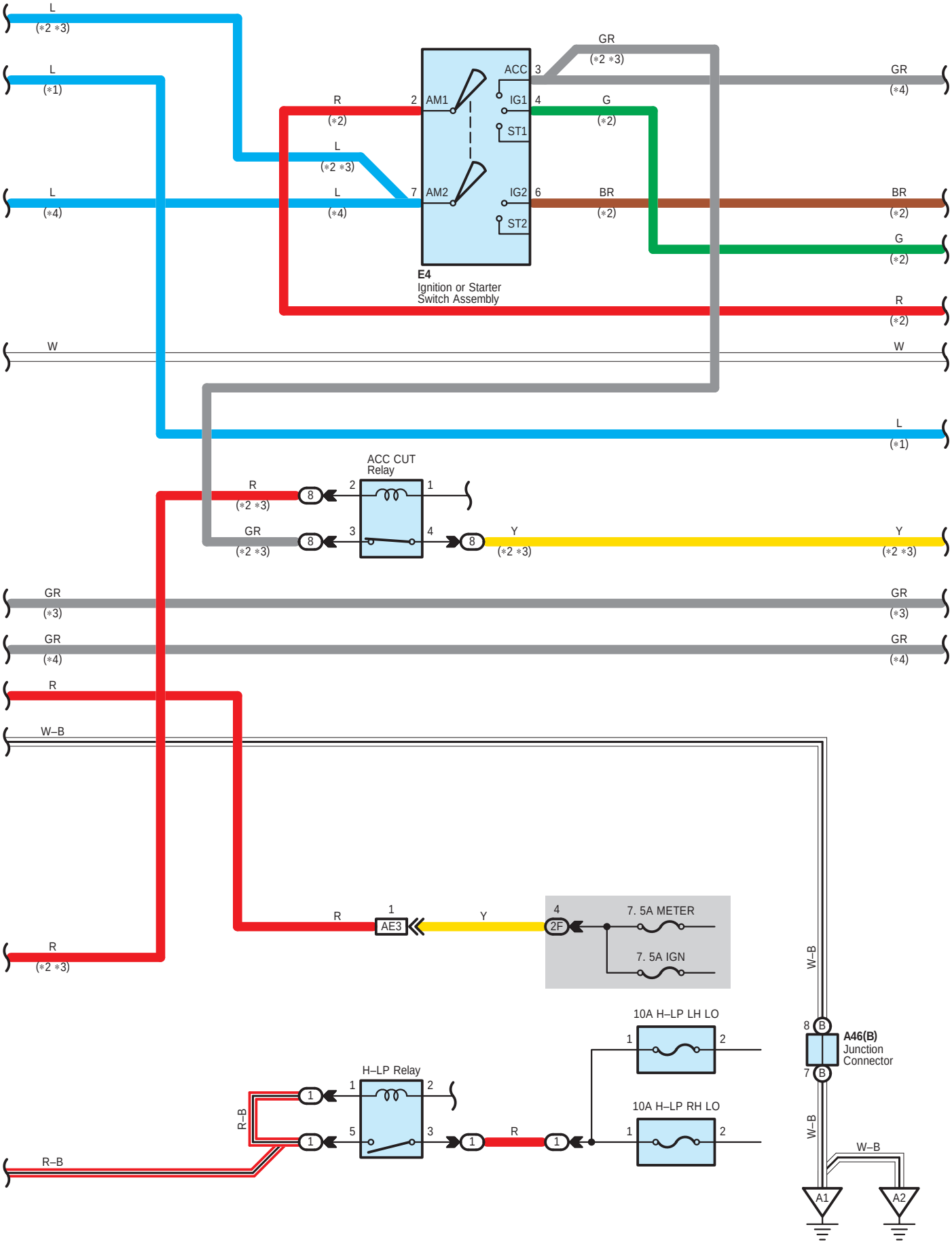
EL4
Gray

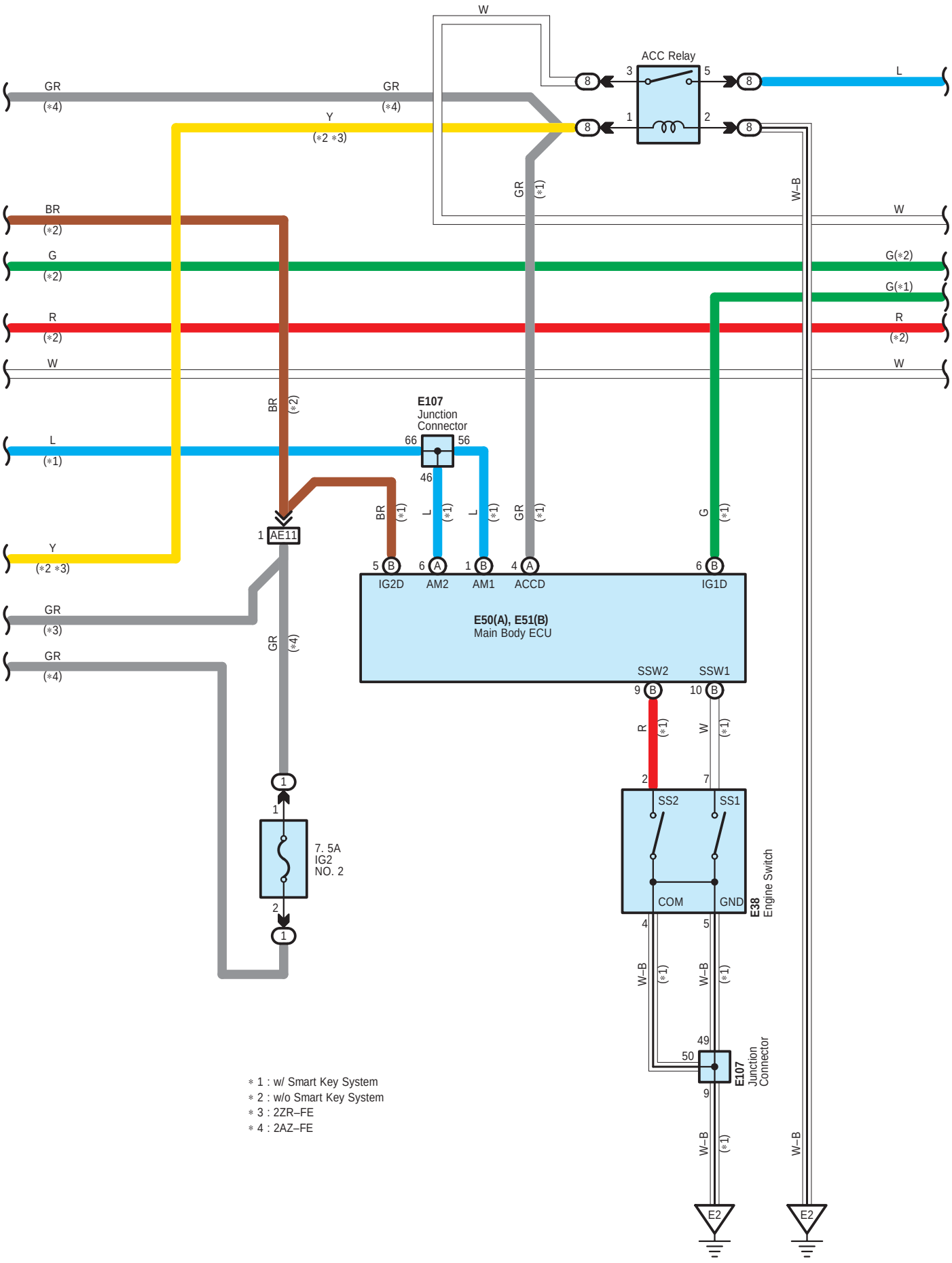




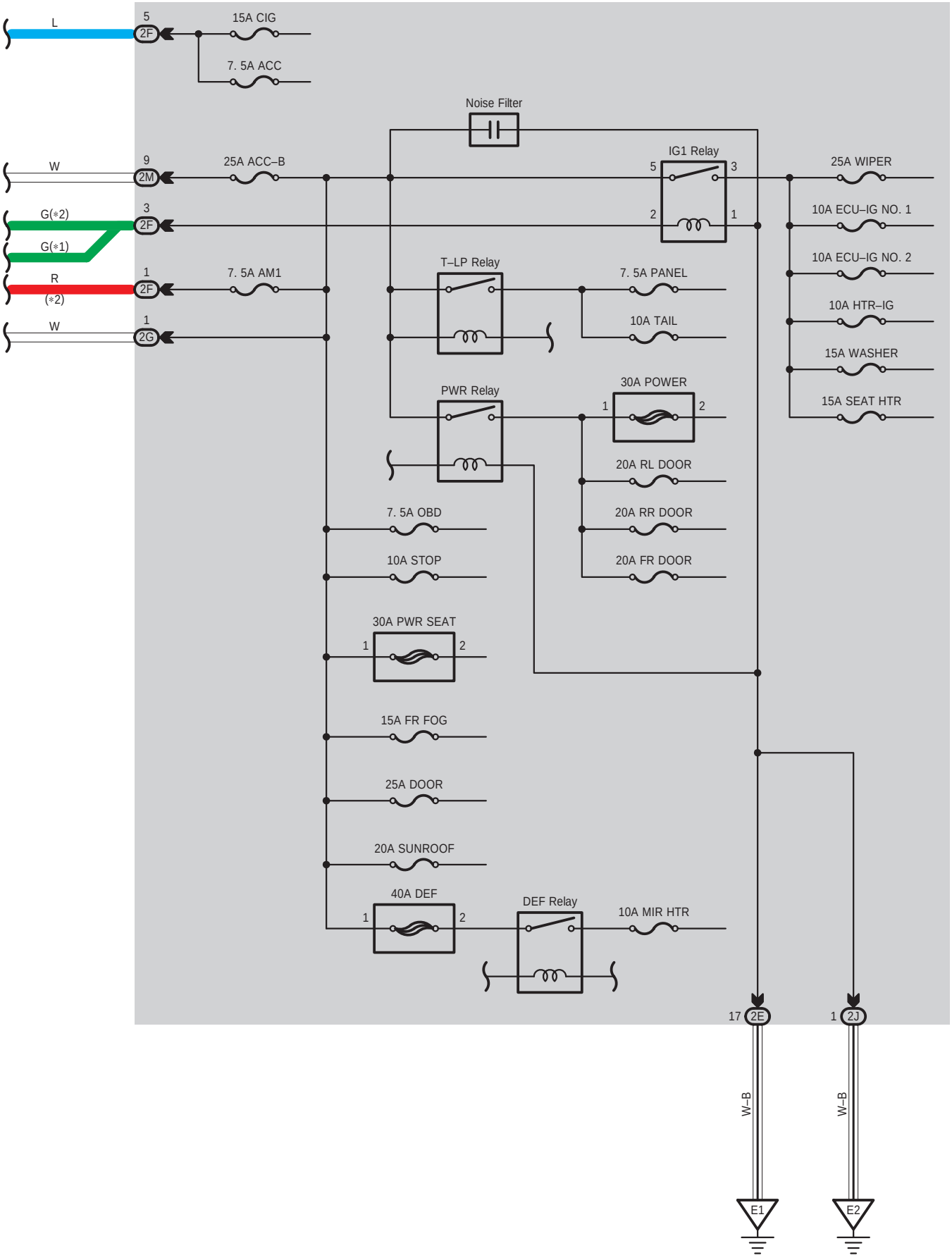

7. 5A AM2 NO. 2
30A AM2
10A ETCS
10A TURN–HAZ
30A AMP
120A ALT
50A P/I
7. 5A ALT–S
60A EPS
40A RDI FAN
50A HTR
30A CDS FAN
50A ABS NO. 1
30A ABS NO. 3
30A HTR SUB NO. 1
30A HTR SUB NO. 3
15A PWR OUTLET
DCC
10A DOME
10A ECU–B2
10A ECU–B
20A STRG LOCK
15A RAD NO. 1
50A H–LP MAIN
FL MAIN
3. 0W
Battery
W
B
L
R
R–B
(∗1)
(∗2 ∗3)
(∗4)


L
(*2 *3)
L
(*2 *3)
L
(*1)
L
(*1)
L
(*4)
L
(*4)
W
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : 2ZR–FE
* 4 : 2AZ–FE
GR
(*3)
GR
(*4)
R
W–B
W
15A IG2
IG2 Relay
20A EFI MAIN
EFI MAIN
Relay
10A HORN
B
10A EFI NO. 1
10A EFI NO. 2
W
(*2 *3)
R
(*2 *3)
10A H–LP LH HI
10A H–LP RH HI
DIMMER Relay
R
R–B
R–B

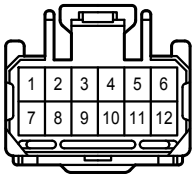

L
(*2 *3)
L
(*1)
L
(*4)
R
(*2)
L
(*2 *3)
L
(*4)
2
AM1
7
AM2
ACC
3
IG1
4
ST1
IG2
6
ST2
GR
(*2 *3)
G
(*2)
BR
(*2)
GR
(*4)
BR
(*2)
G
(*2)
R
(*2)
E4
Ignition or Starter
Switch Assembly
W
W
L
(*1)
ACC CUT
Relay
R
(*2 *3)
GR
(*2 *3)
8
2
1
3
4
8
Y
(*2 *3)
Y
(*2 *3)
GR
(*3)
GR
(*4)
GR
(*3)
GR
(*4)
R
W–B
R
(*2 *3)
R
1
AE3
Y
4
2F
7. 5A METER
7. 5A IGN
10A H–LP LH LO
10A H–LP RH LO
H–LP Relay
R–B
R–B
1
2
5
3
R
W–B
W–B
8
B
A46(B)
Junction
Connector
7
B
W–B
A1
A2


W
ACC Relay
3
5
1
2
8
L
GR
(*4)
Y
(*2 *3)
GR (*1)
W–B
BR
(*2)
G
(*2)
G(*2)
G(*1)
R
(*2)
W
E107
Junction
Connector
66
56
46
L
(*1)
BR (*1)
L (*1)
GR (*1)
G (*1)
1 AE11
5 B IG2D
6 A AM2
1 B AM1
4 A ACCD
6 B IG1D
E50(A), E51(B)
Main Body ECU
SSW2
SSW1
9 B
10 B
R (*1)
W (*1)
2
7
SS2
SS1
COM
GND
E38
Engine Switch
GR (*3)
GR (*4)
GR (*4)
1
1
7. 5A
IG2
NO. 2
2
1
4
5
W–B (*1)
49
50
E107
Junction
Connector
9
W–B (*1)
E2
E2
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
* 3 : 2ZR–FE
* 4 : 2AZ–FE

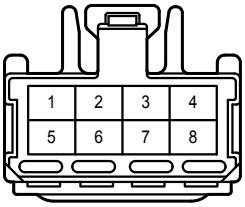
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System



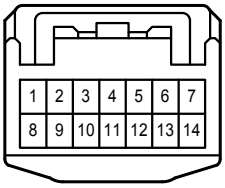
A 46
White



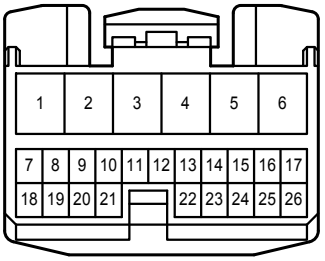
E 4
White



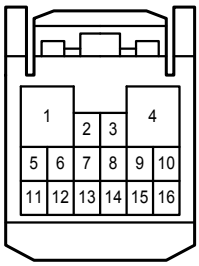
E 38
Black



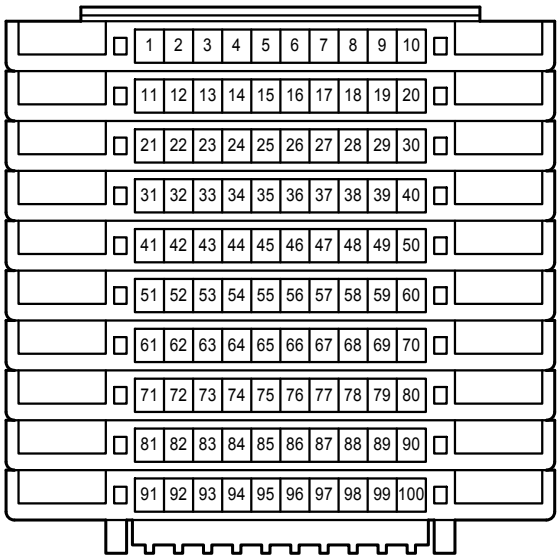
E 50
White



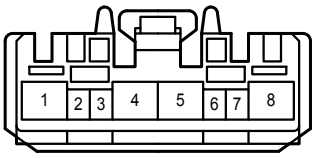
E 51
White



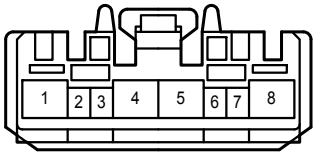
E107
White



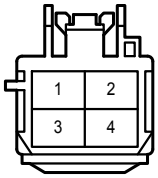
1A
White



1B
White

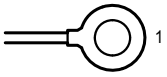


1D
White

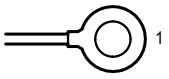


1E
White

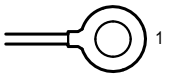
1F
Black



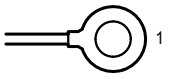
1G



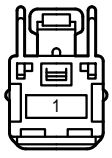
1J



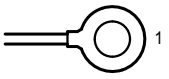
1K



1L
White



1Q



2B
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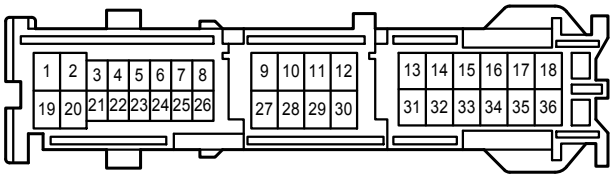

2E
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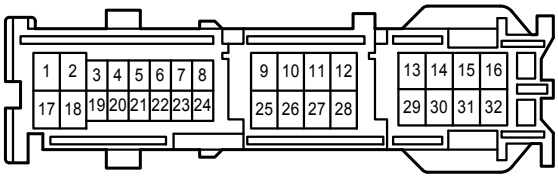

2F
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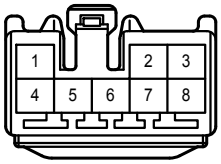

2G
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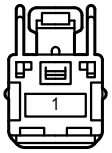

2J
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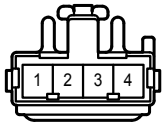

2M
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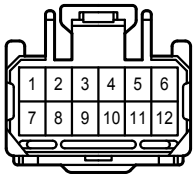

2S
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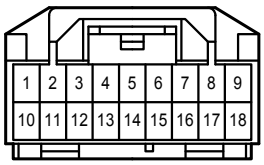
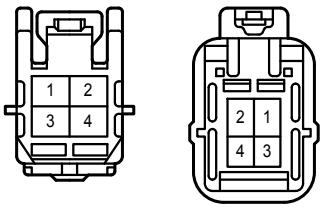
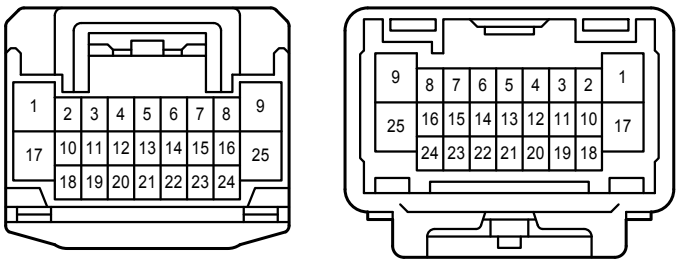


AE1
White



AE3
White



AE11
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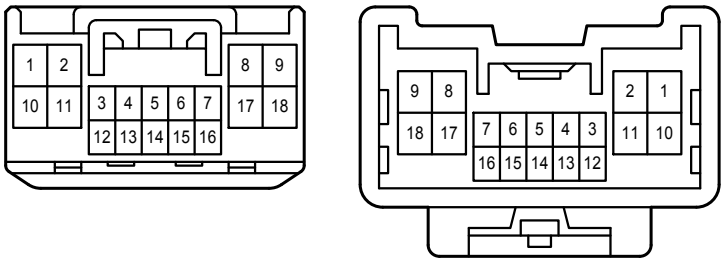
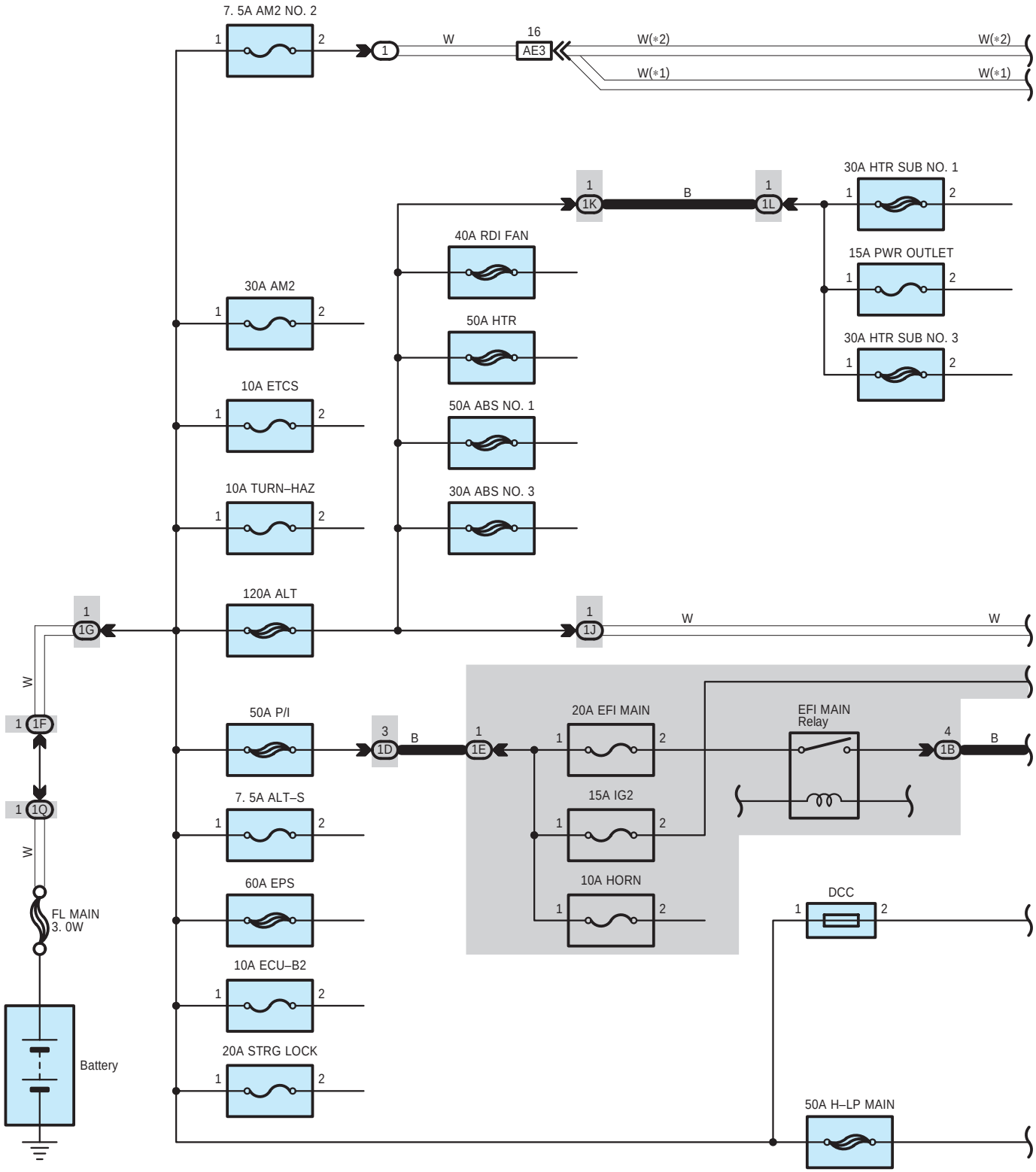
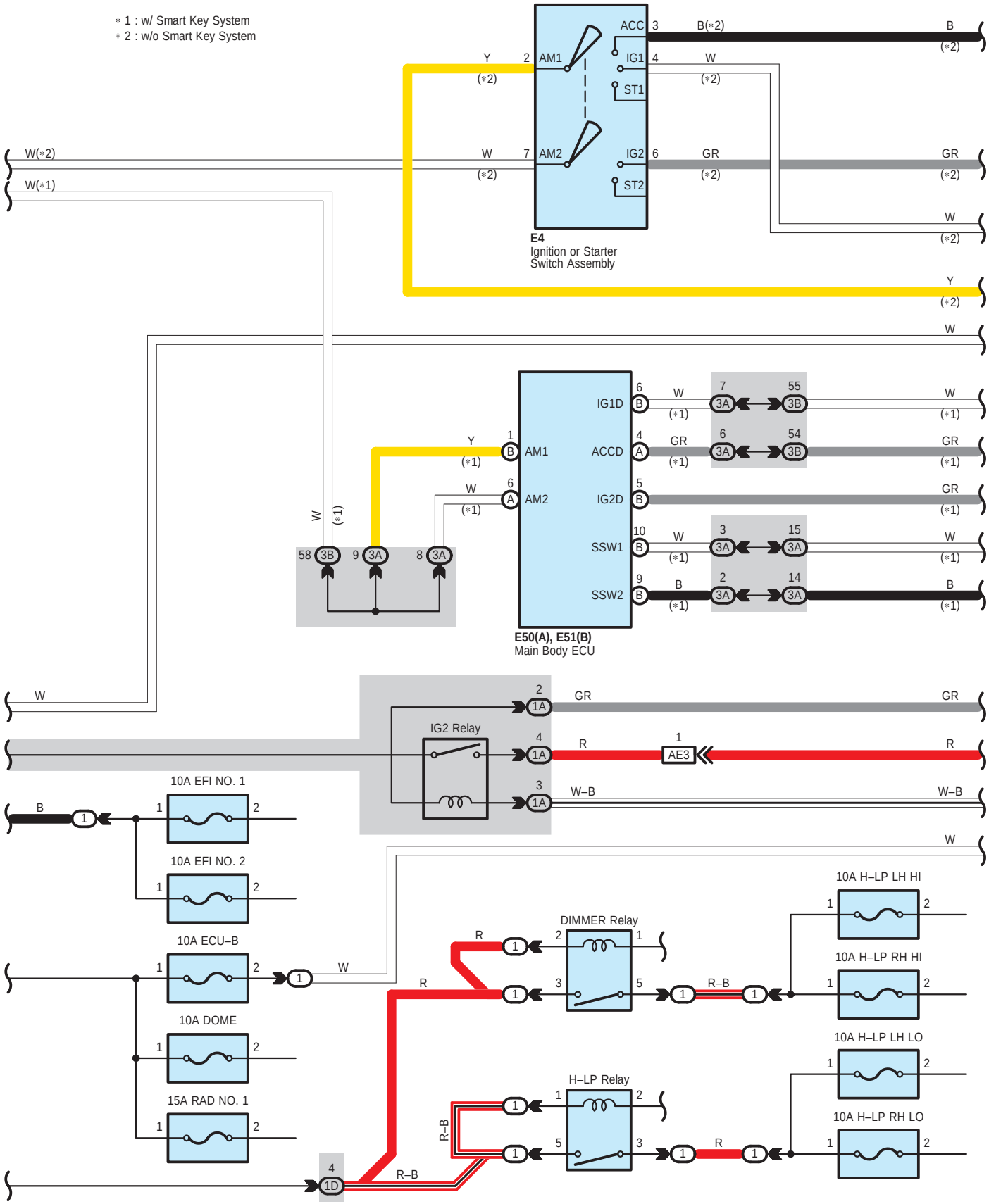
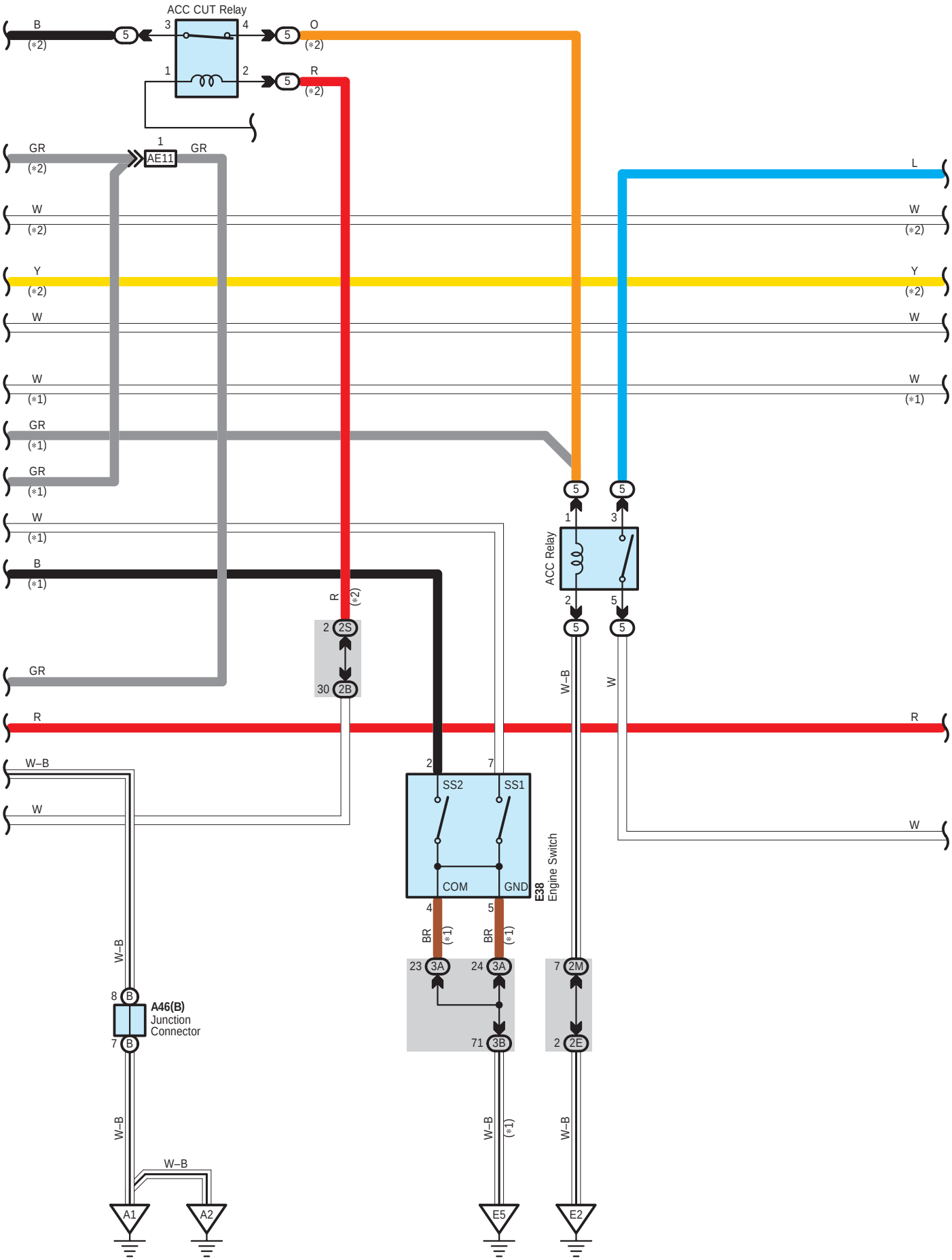
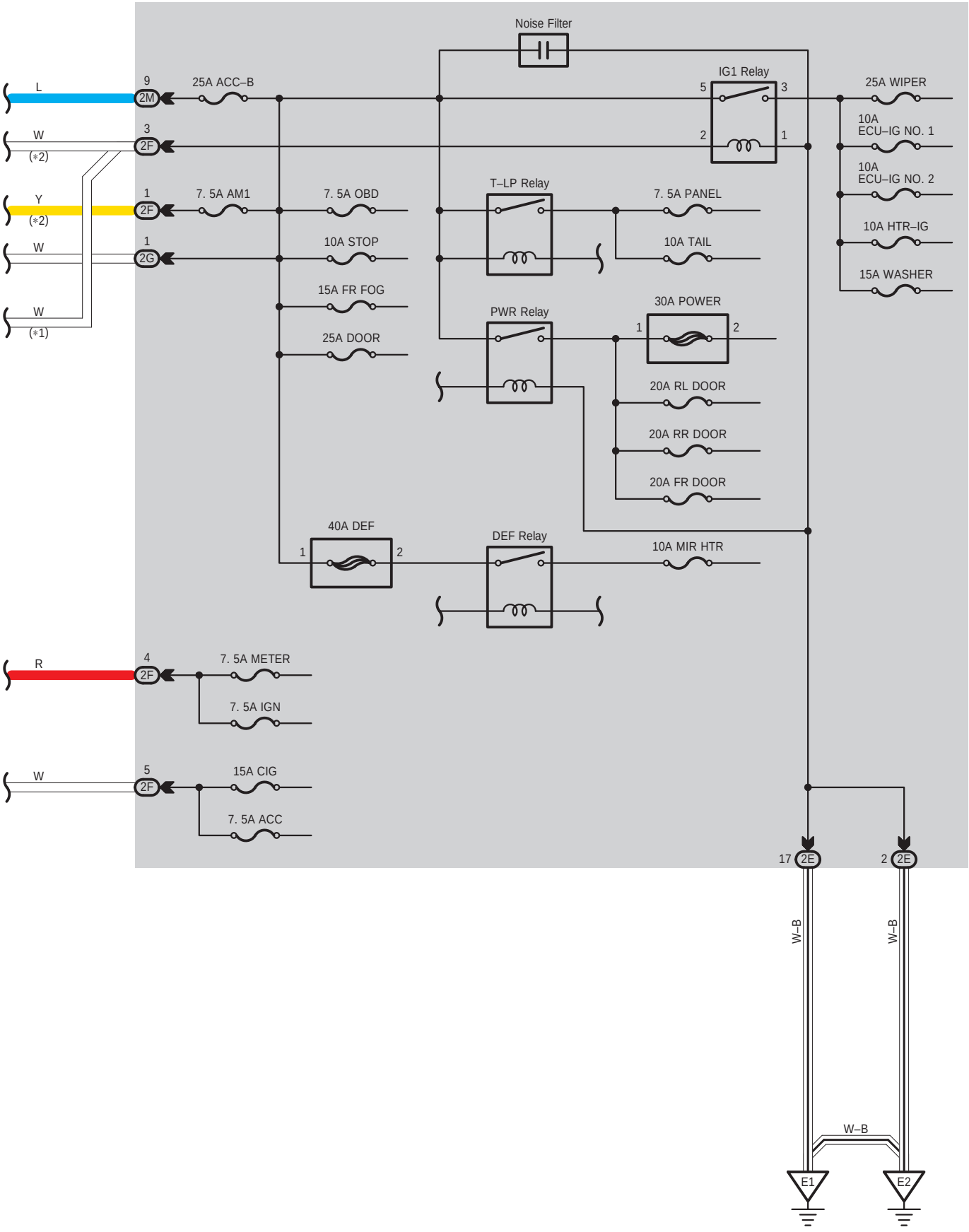



7. 5A AM2 NO. 2
1
2
1
W
16
AE3
W(*2)
W(*1)
W(*2)
W(*1)
1
1K
B
1
1L
30A HTR SUB NO. 1
1
2
15A PWR OUTLET
1
2
30A HTR SUB NO. 3
1
2
40A RDI FAN
50A HTR
50A ABS NO. 1
30A ABS NO. 3
30A AM2
1
2
10A ETCS
1
2
10A TURN–HAZ
1
2
120A ALT
1
1G
1
1J
W
W
W
1
1F
1
1Q
W
FL MAIN
3. 0W
Battery
50A P/I
3
1D
B
1
1E
20A EFI MAIN
1
2
EFI MAIN
Relay
4
1B
B
15A IG2
1
2
10A HORN
1
2
7. 5A ALT–S
1
2
60A EPS
10A ECU–B2
1
2
20A STRG LOCK
1
2
DCC
1
2
50A H–LP MAIN

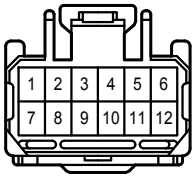

* 1 : w/ Smart Key System
* 2 : w/o Smart Key System
E4
Ignition or Starter Switch Assembly
E50(A), E51(B)
Main Body ECU
IG2 Relay
10A EFI NO. 1
10A EFI NO. 2
10A ECU–B
10A DOME
15A RAD NO. 1
DIMMER Relay
H–LP Relay
10A H–LP LH HI
10A H–LP RH HI
10A H–LP LH LO
10A H–LP RH LO


ACC CUT Relay
B
(*2)
O
R
GR
AE11
W
Y
L
(*1)
ACC Relay
2S
2B
SS2
SS1
COM
GND
E38
Engine Switch
BR
W–B
A46(B)
Junction
Connector
2M
2E
3A
3B
A1
A2
E5
E2

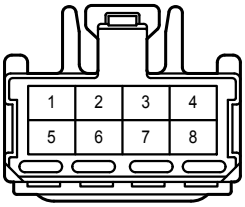
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System



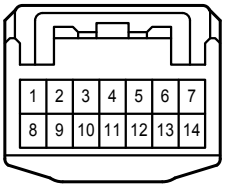
A 46
White



E 4
White



E 38
Black



E 50
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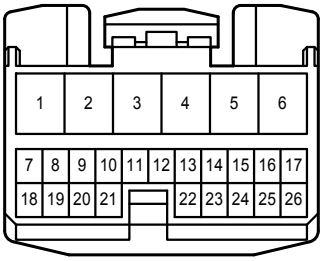
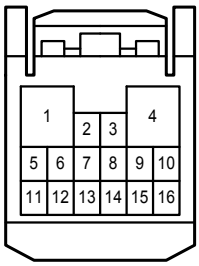
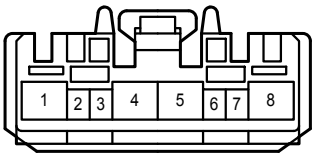


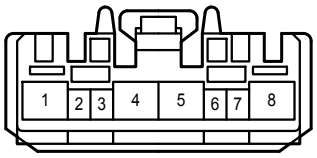
E 51
White



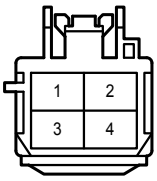
1A
White



1B
White

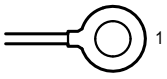


1D
White

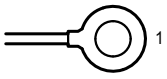


1E
White

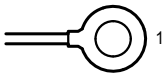
1F
Black



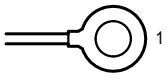
1G



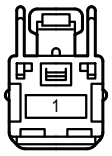
1J



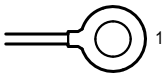
1K



1L
White



1Q



2B
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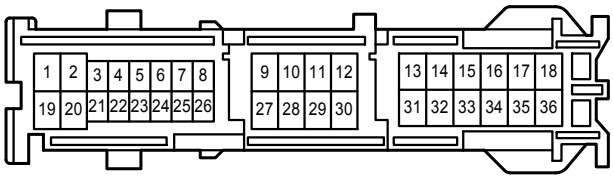
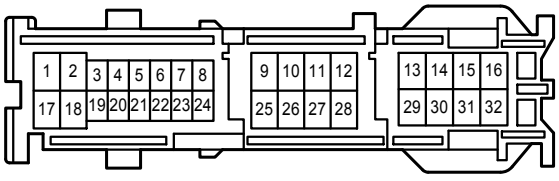
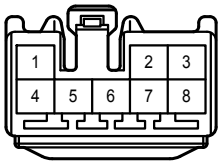


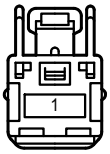
2E
White



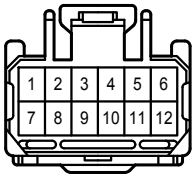
2F
White



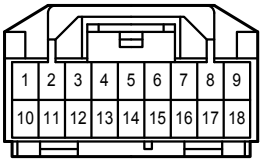
2G
White



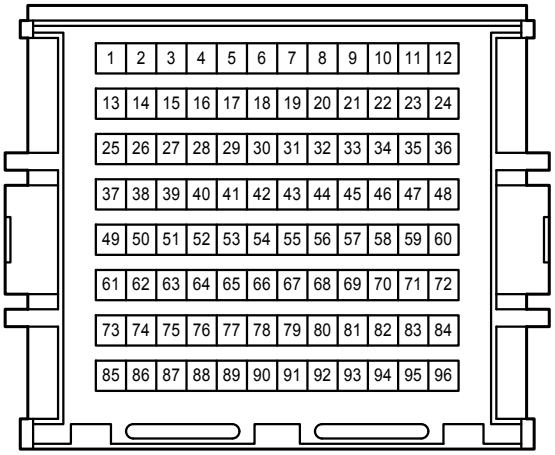
2M
White



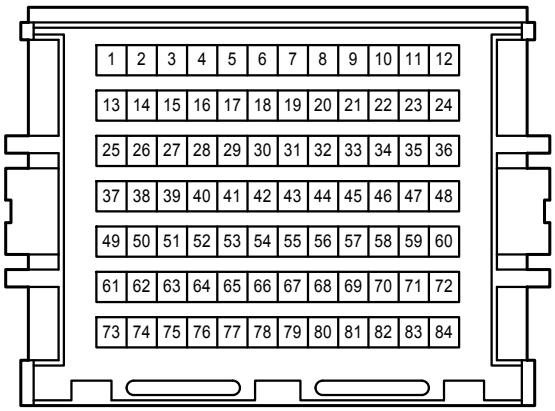
2S
White



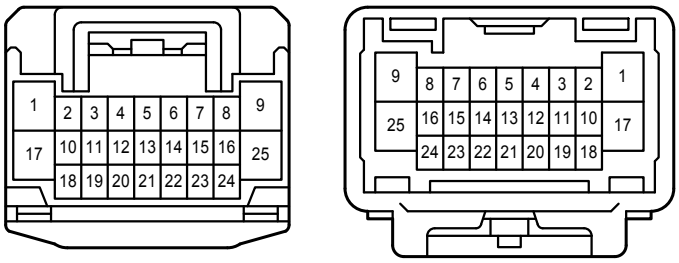
3A
White



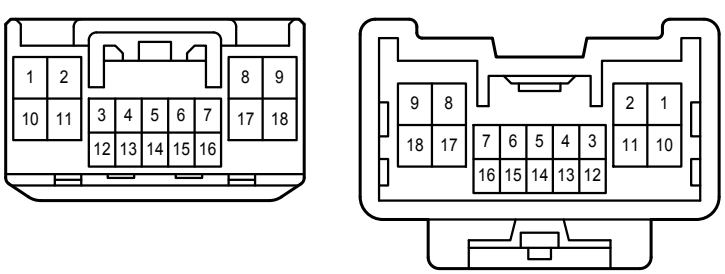
3B
White

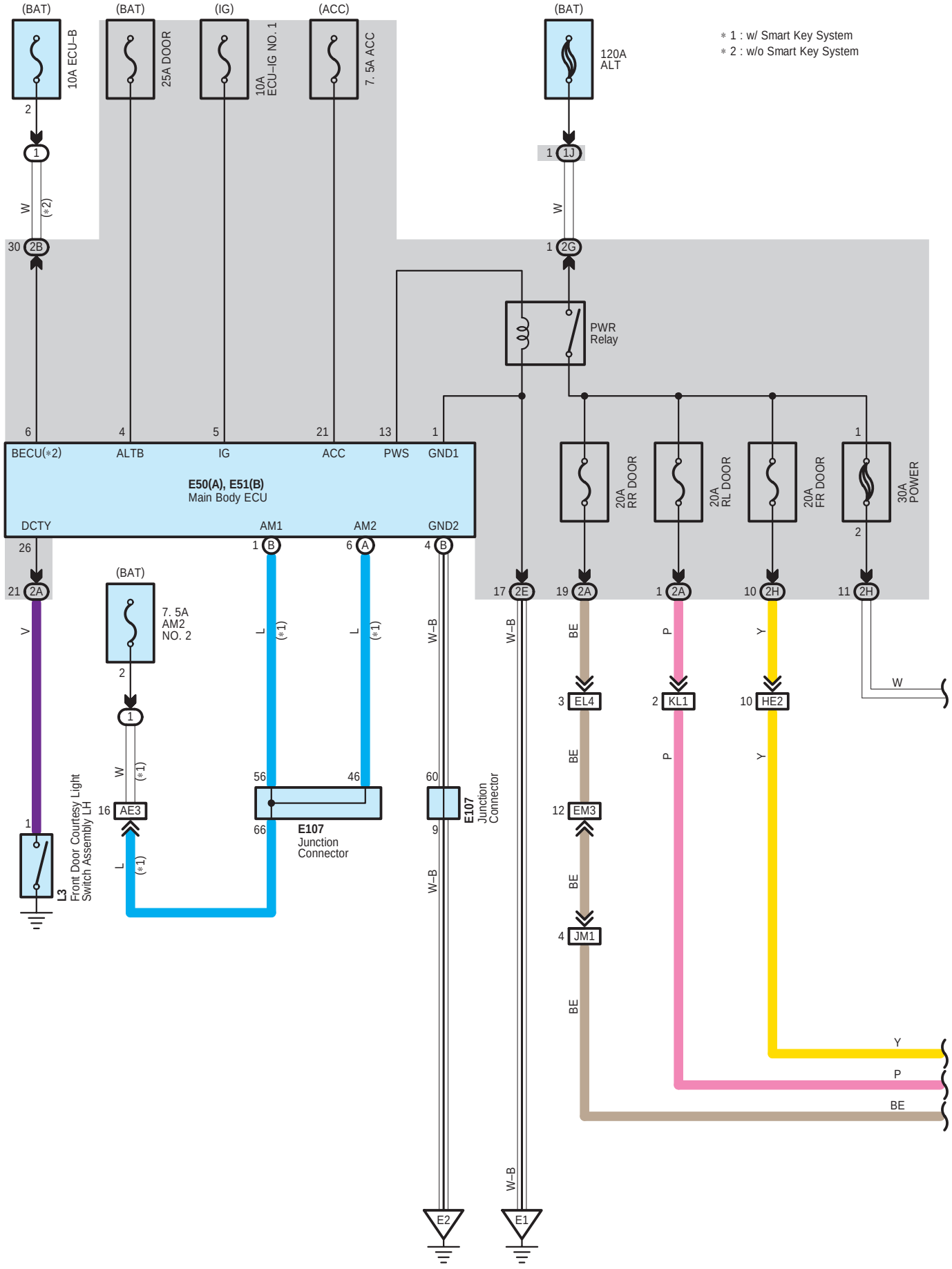


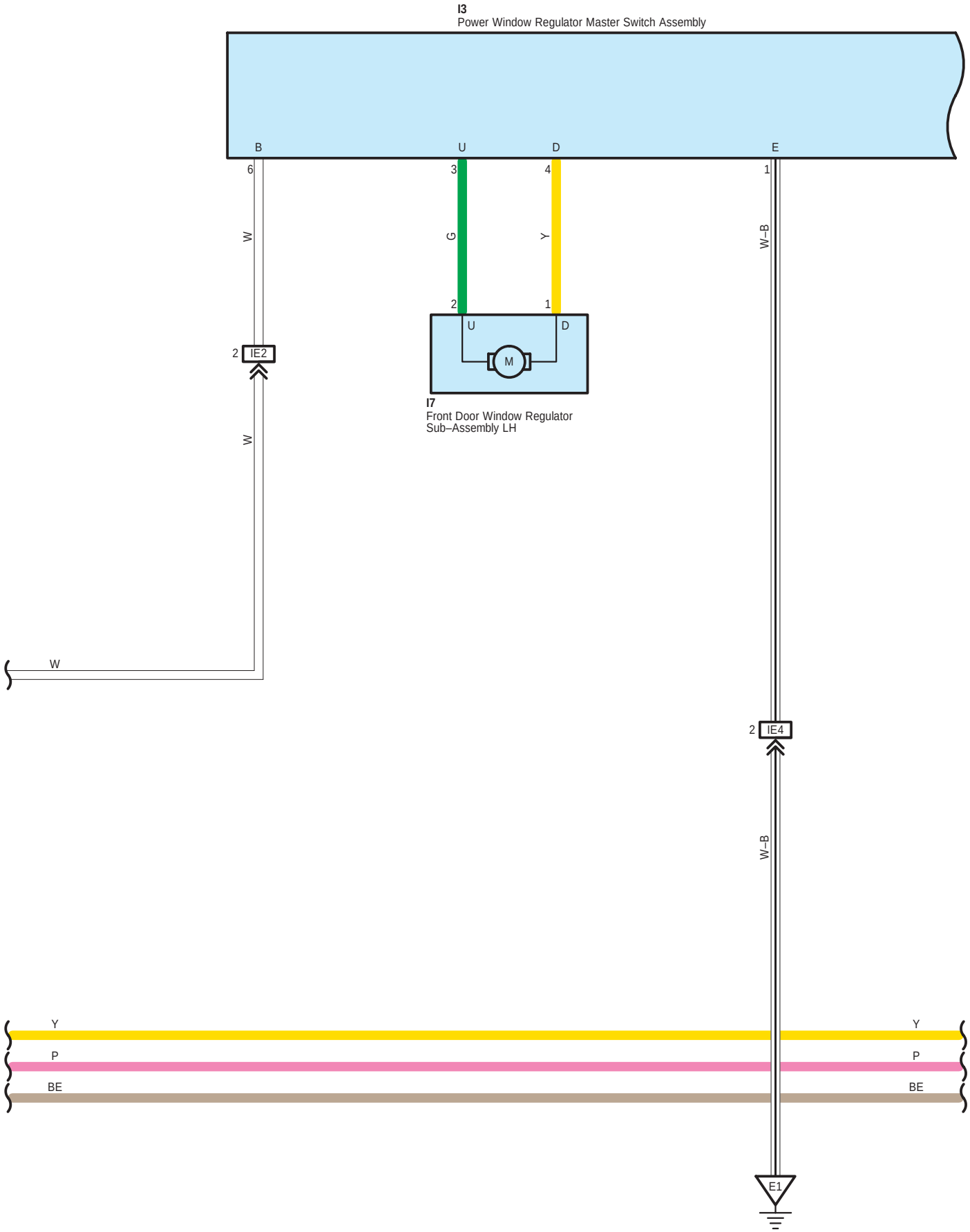
AE3
White

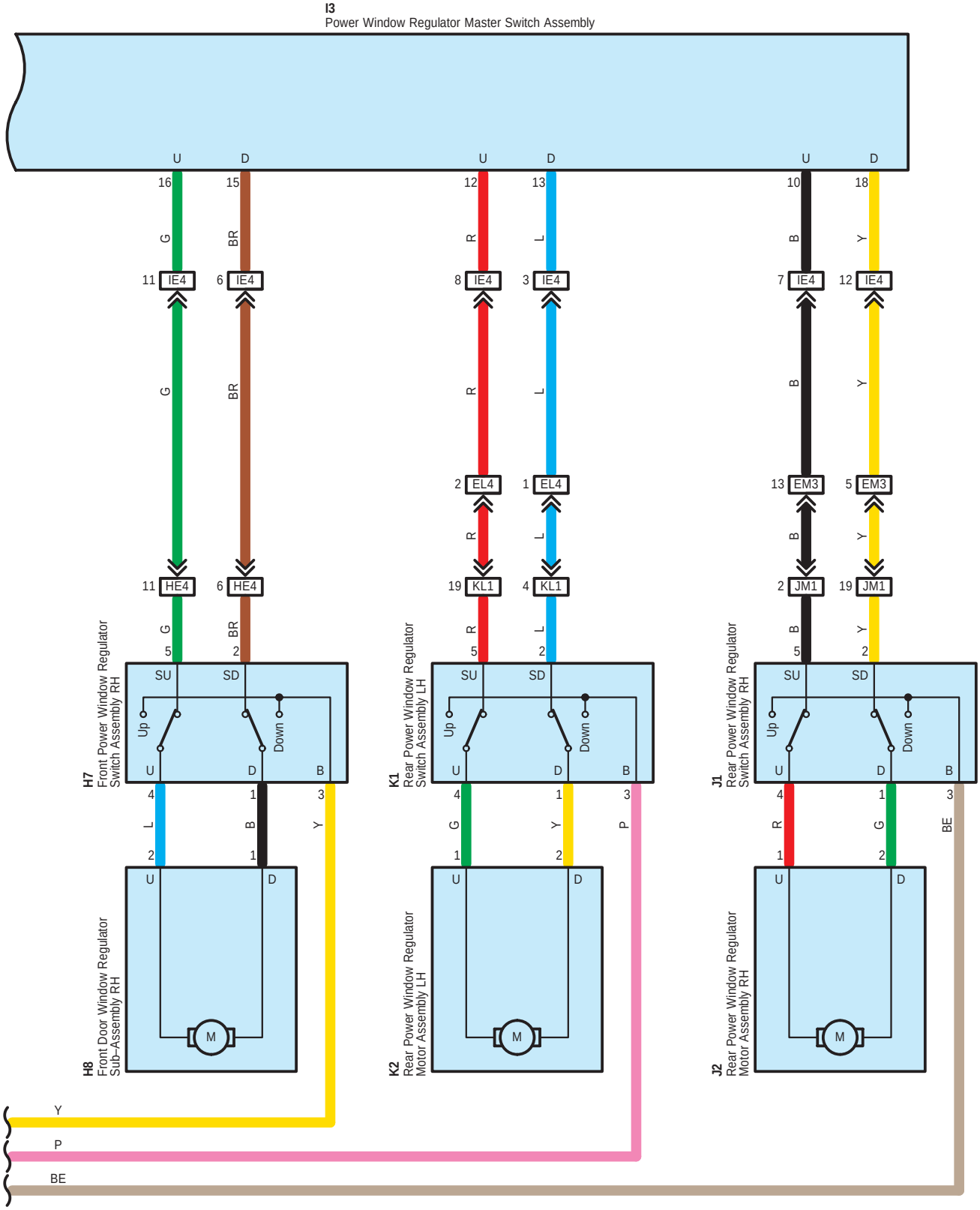


AE11
White

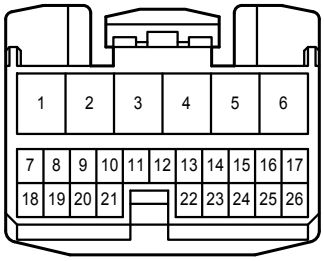



(BAT)
(BAT)
(IG)
(ACC)
(BAT)
10A ECU–B
25A DOOR
10A ECU–IG NO. 1
7. 5A ACC
120A ALT
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System
PWR Relay
BECU(∗2)
ALTB
IG
ACC
PWS
GND1
E50(A), E51(B)
Main Body ECU
DCTY
AM1
AM2
GND2
20A RR DOOR
20A RL DOOR
20A FR DOOR
30A POWER
7. 5A AM2 NO. 2
Front Door Courtesy Light Switch Assembly LH
L3
E107 Junction Connector
E107 Junction Connector
EL4
KL1
HE2
EM3
JM1
E2
E1

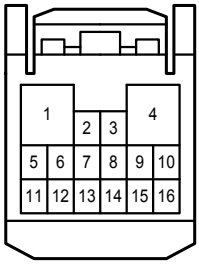

I3
Power Window Regulator Master Switch Assembly
B
U
D
E
6
3
4
1
W
G
Y
W–B
2
1
U
D
M
2
IE2
I7
Front Door Window Regulator
Sub–Assembly LH
W
W
2
IE4
W–B
Y
P
BE
Y
P
BE
E1


I3
Power Window Regulator Master Switch Assembly
U
D
16
15
G
BR
11 IE4
6 IE4
G
BR
11 HE4
6 HE4
G
BR
5
2
SU
SD
Up
Down
U
D
B
H7
Front Power Window Regulator Switch Assembly RH
4
1
3
L
B
Y
2
1
U
D
H8
Front Door Window Regulator Sub-Assembly RH
M
12
13
R
L
8 IE4
3 IE4
R
L
2 EL4
1 EL4
R
L
19 KL1
4 KL1
5
2
K1
Rear Power Window Regulator Switch Assembly LH
G
Y
P
K2
Rear Power Window Regulator Motor Assembly LH
10
18
B
Y
7 IE4
12 IE4
B
Y
13 EM3
5 EM3
B
Y
2 JM1
19 JM1
J1
Rear Power Window Regulator Switch Assembly RH
R
G
BE
J2
Rear Power Window Regulator Motor Assembly RH
Y
P
BE

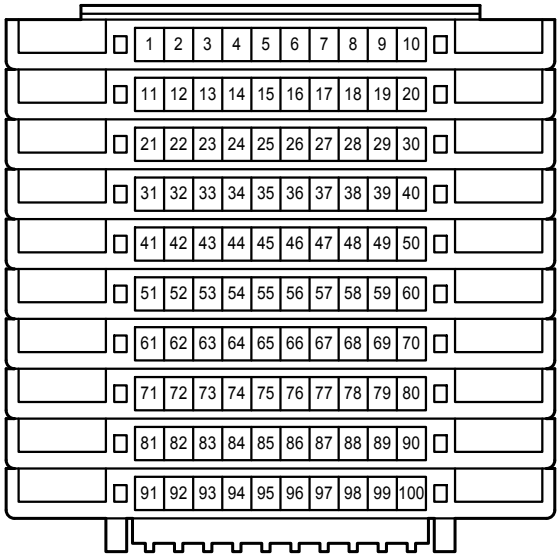
E 50
White



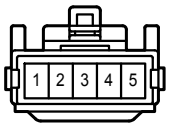
E 51
White



E107
White

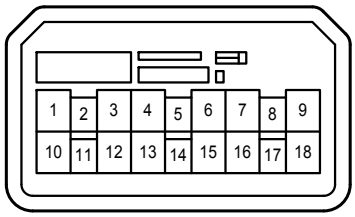


H 7
White



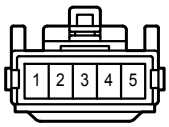
H 8
Black

I 3
White



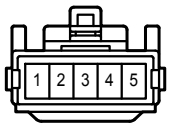
I 7
Black

J 1
White



J 2
Black

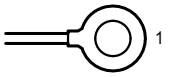
K 1
White



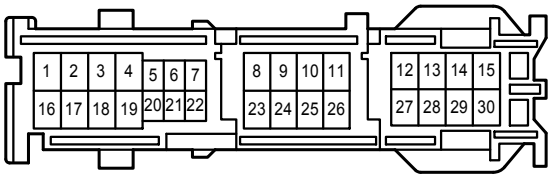
K 2
Black

L 3
Black

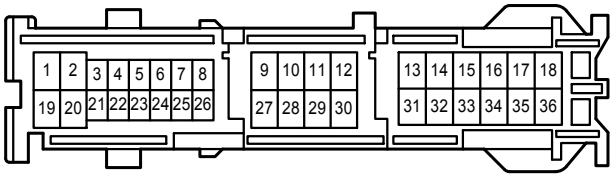
1J



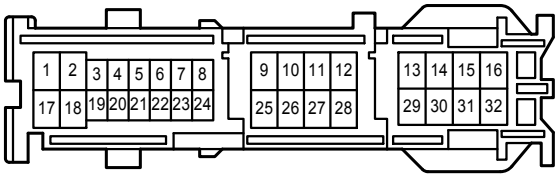
2A
White



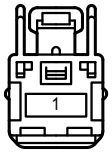
2B
White



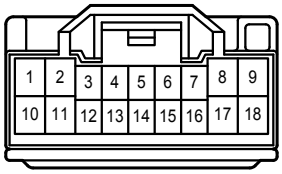
2E
White



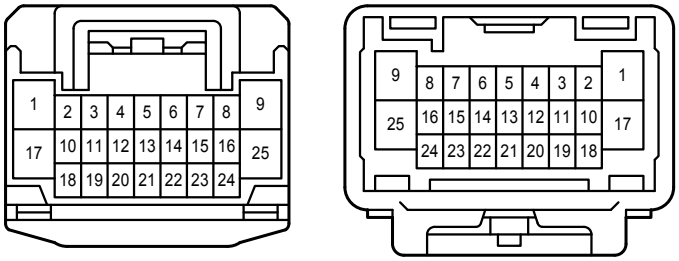
2G
White



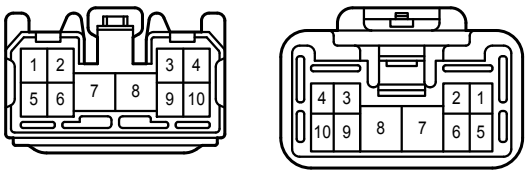
2H
White



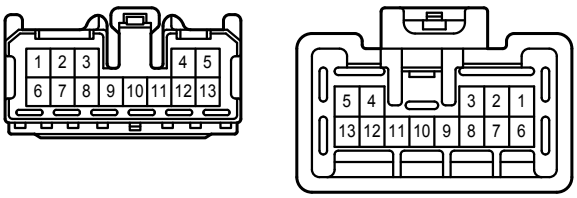
AE3
White



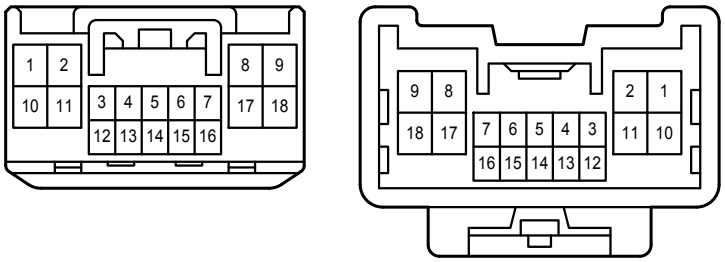
EL4
Gray



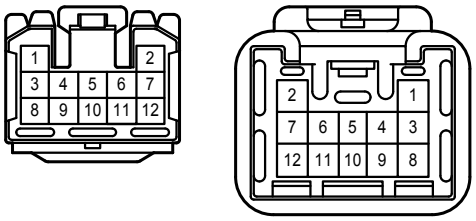
EM3
White



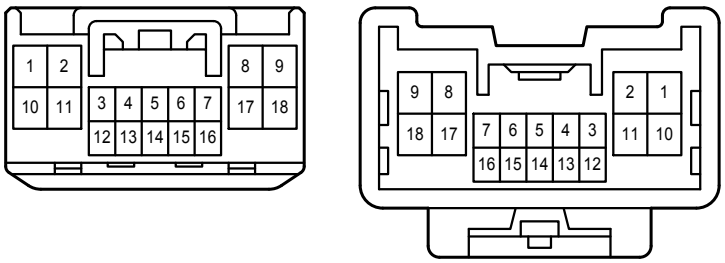
HE2
White



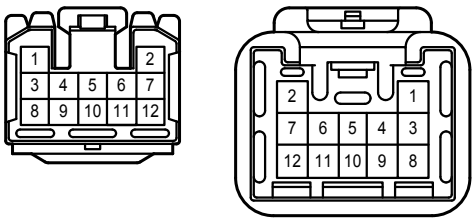
HE4
White



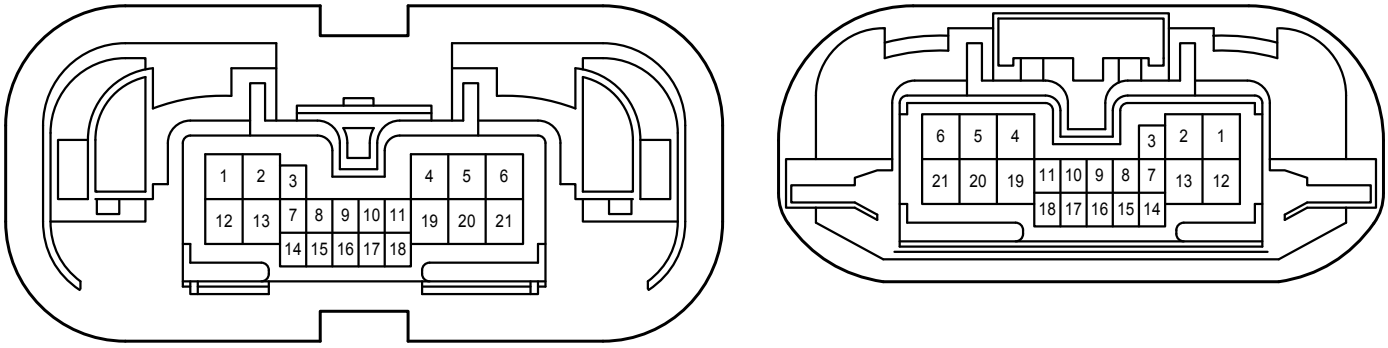
IE2
White



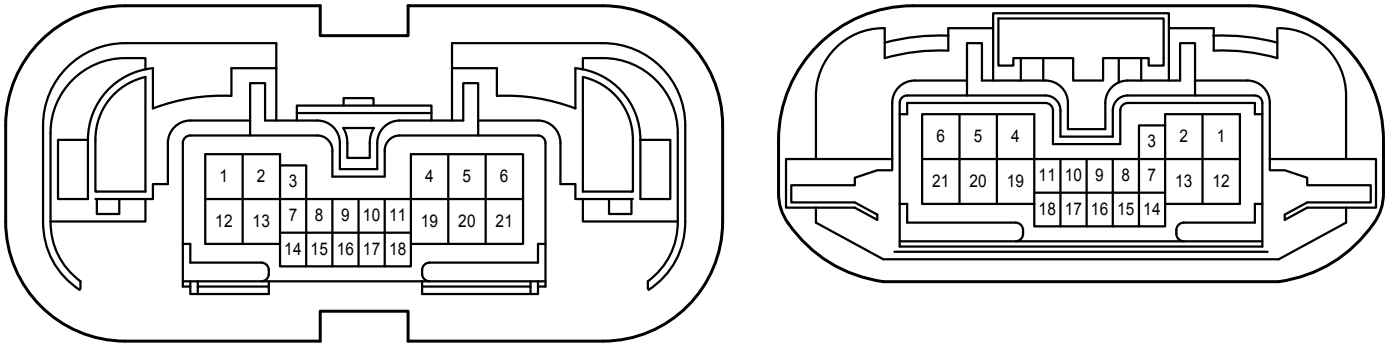
IE4
White

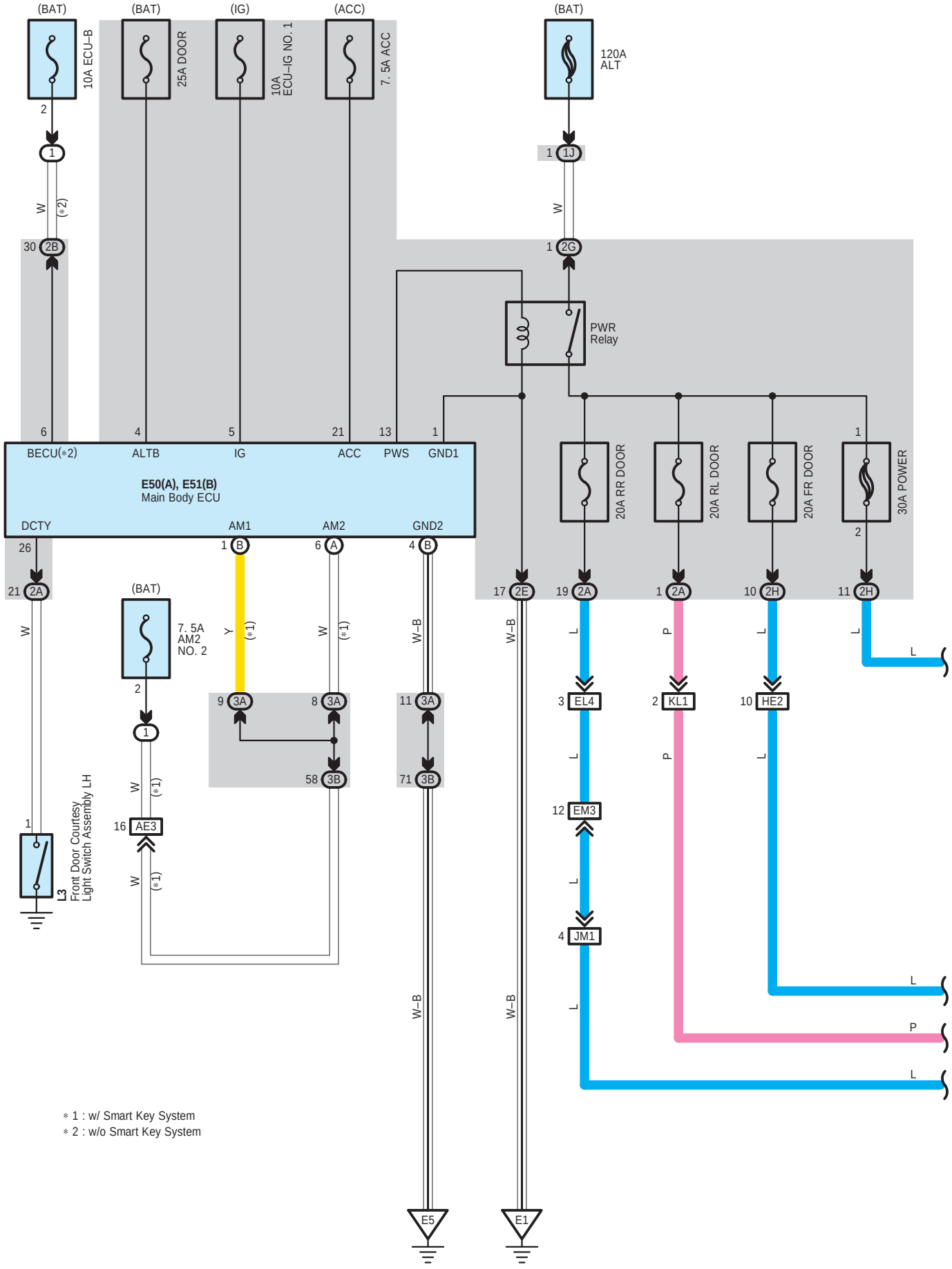


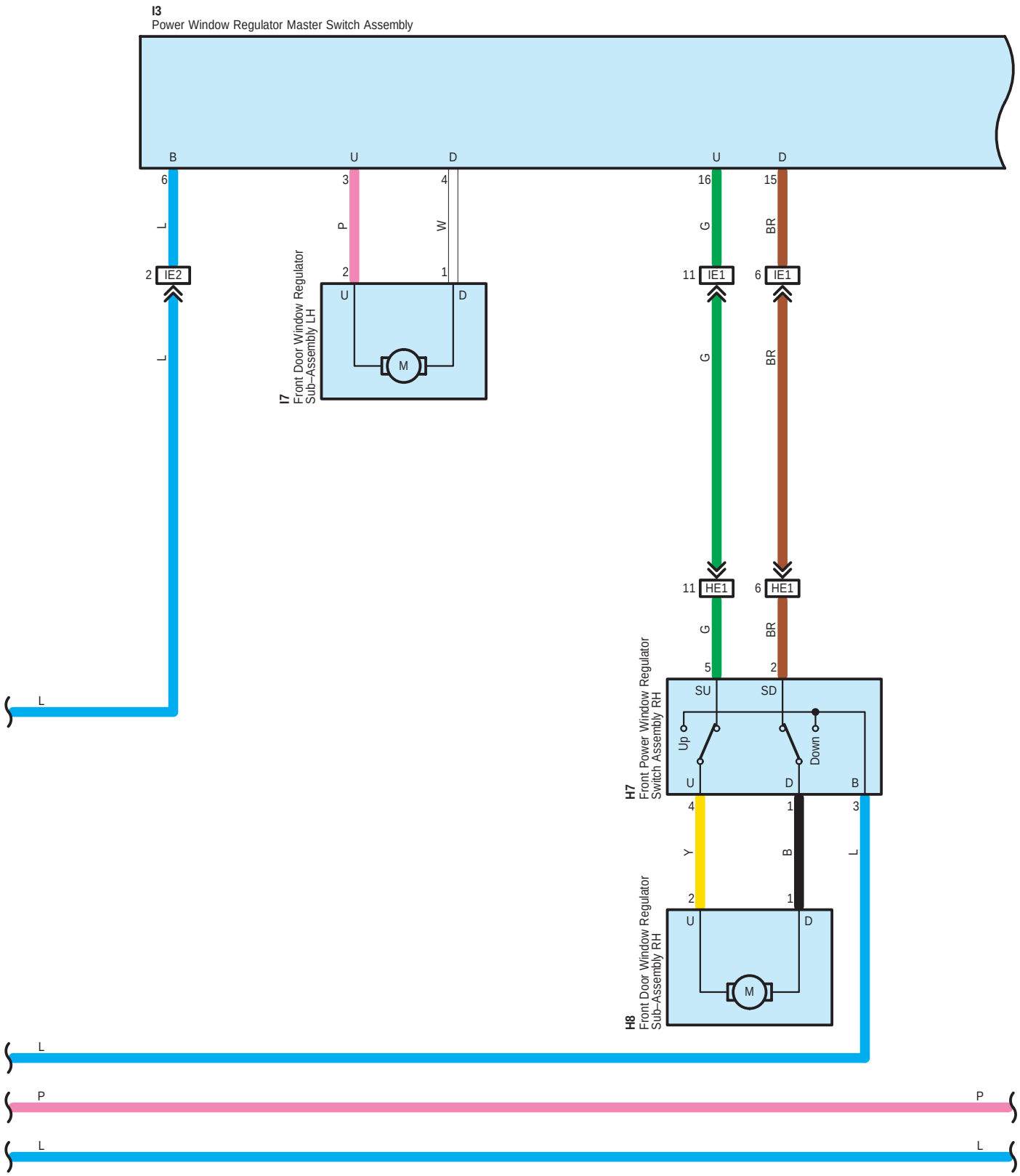
JM1
White

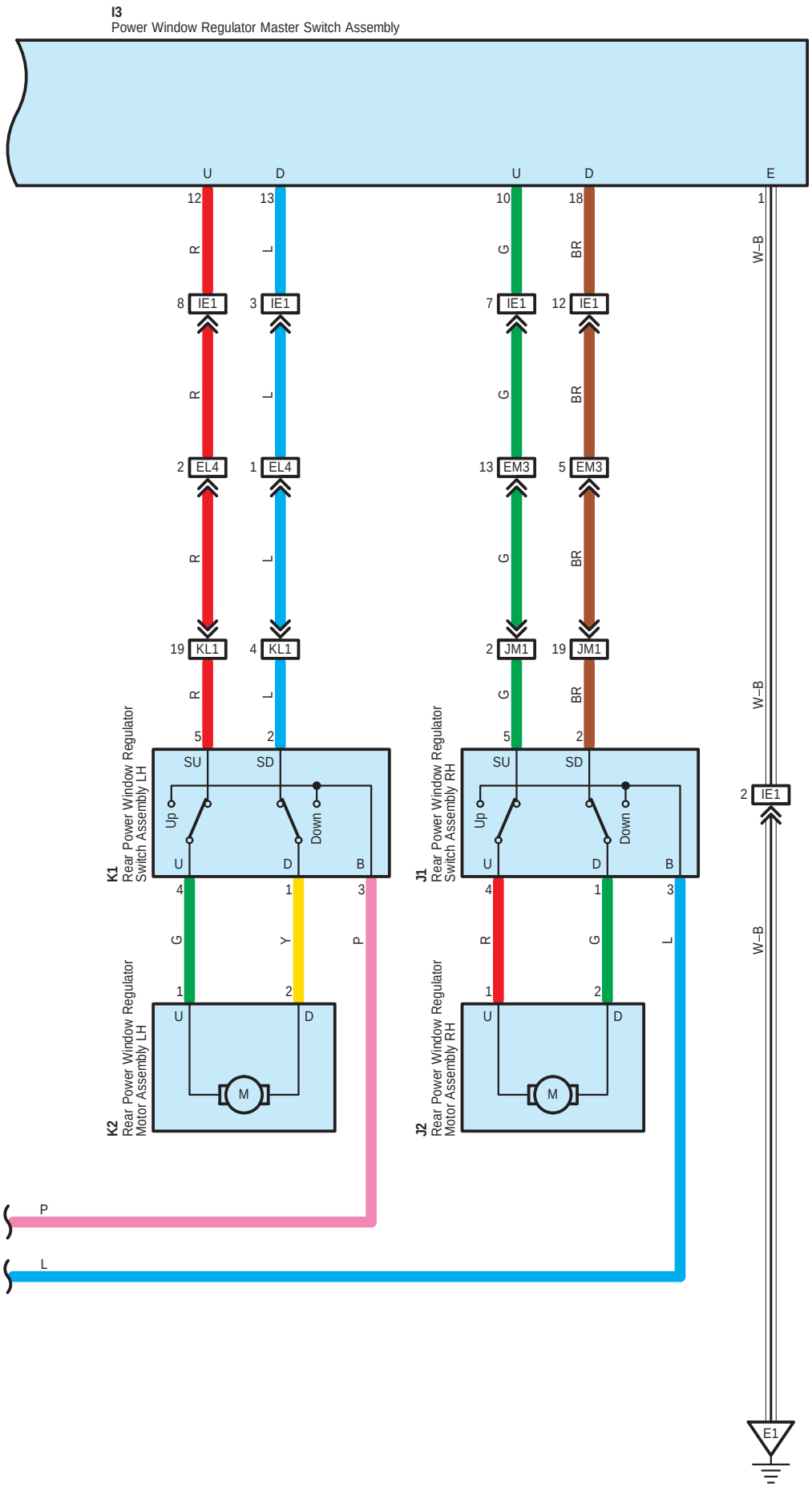


KL1
White

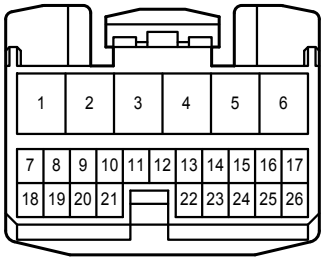



(BAT)
10A ECU–B
(BAT)
25A DOOR
(IG)
10A ECU–IG NO. 1
(ACC)
7. 5A ACC
(BAT)
120A ALT
PWR Relay
BECU(∗2)
ALTB
IG
ACC
PWS
GND1
E50(A), E51(B)
Main Body ECU
DCTY
AM1
AM2
GND2
20A RR DOOR
20A RL DOOR
20A FR DOOR
30A POWER
(BAT)
7. 5A AM2 NO. 2
Front Door Courtesy Light Switch Assembly LH
L3
E5
E1
∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System

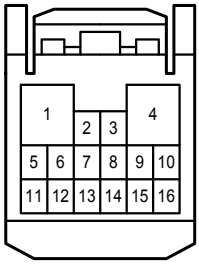

I3
Power Window Regulator Master Switch Assembly
B
U
D
U
D
6
3
4
16
15
L
P
W
G
BR
2
IE2
2
1
11
IE1
6
IE1
L
G
BR
I7
Front Door Window Regulator
Sub–Assembly LH
U
D
M
11
HE1
6
HE1
G
BR
5
2
SU
SD
Up
Down
H7
Front Power Window Regulator
Switch Assembly RH
U
D
B
4
1
3
Y
B
L
2
1
U
D
M
H8
Front Door Window Regulator
Sub–Assembly RH
L
L
P
P
L
L


I3
Power Window Regulator Master Switch Assembly
U
D
U
D
E
12
13
10
18
1
R
L
G
BR
W-B
8 IE1
3 IE1
7 IE1
12 IE1
2 EL4
1 EL4
13 EM3
5 EM3
19 KL1
4 KL1
2 JM1
19 JM1
5
2
5
2
SU
SD
SU
SD
Up
Down
Up
Down
U
D
B
U
D
B
K1
Rear Power Window Regulator Switch Assembly LH
J1
Rear Power Window Regulator Switch Assembly RH
4
1
3
4
1
3
G
Y
P
R
G
L
1
2
1
2
U
D
U
D
M
M
K2
Rear Power Window Regulator Motor Assembly LH
J2
Rear Power Window Regulator Motor Assembly RH
2 IE1
E1
P
L

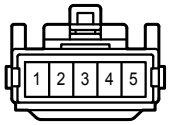
E 50
White



E 51
White

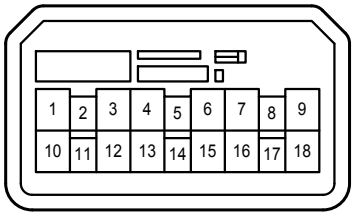


H 7
White



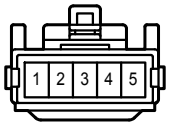
H 8
Black

I 3
White



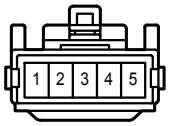
I 7
Black

J 1
White



J 2
Black

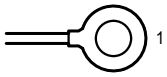
K 1
White



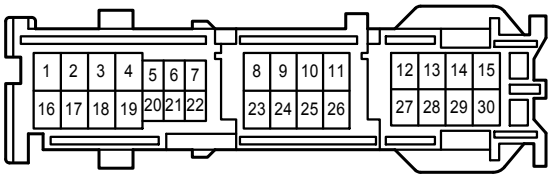
K 2
Black

L 3
Black

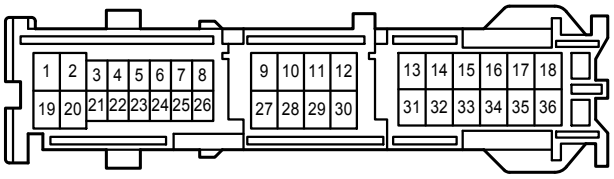
1J



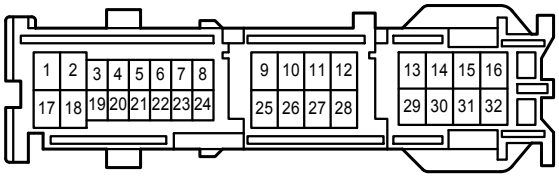
2A
White



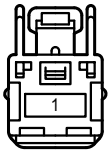
2B
White



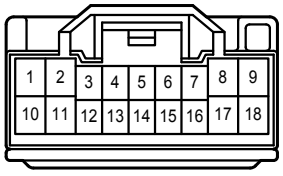
2E
White



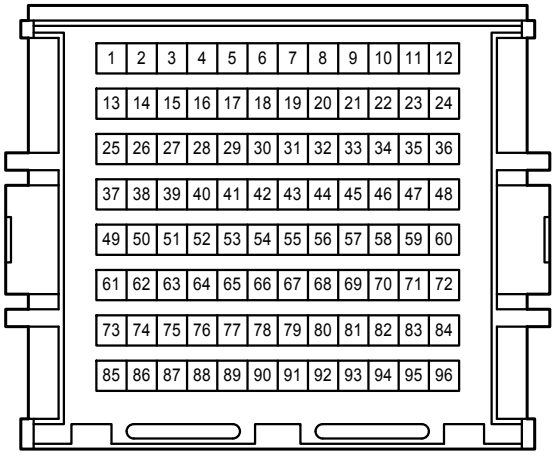
2G
White



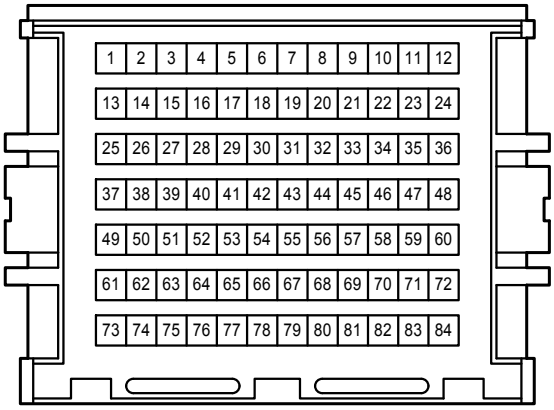
2H
White



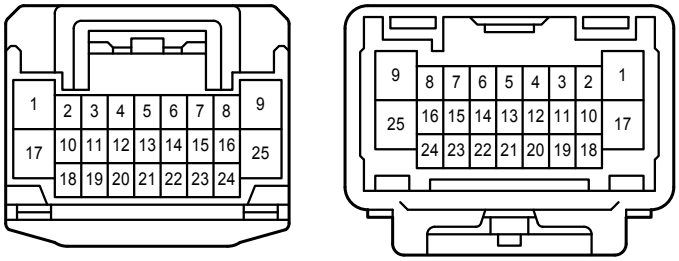
3A
White



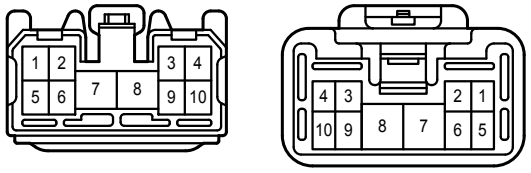
3B
White



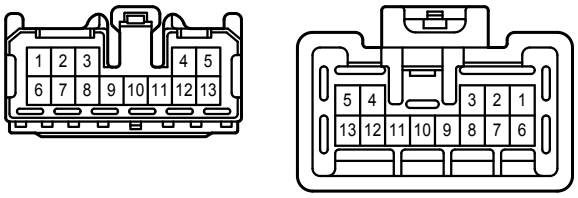
AE3
White



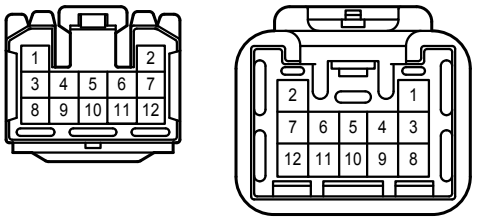
EL4
Gray



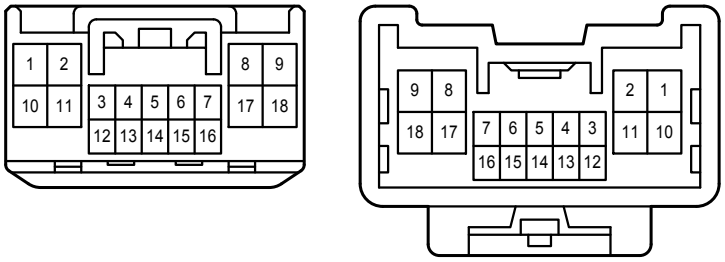
EM3
White



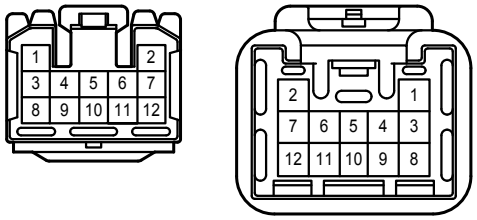
HE1
Blue

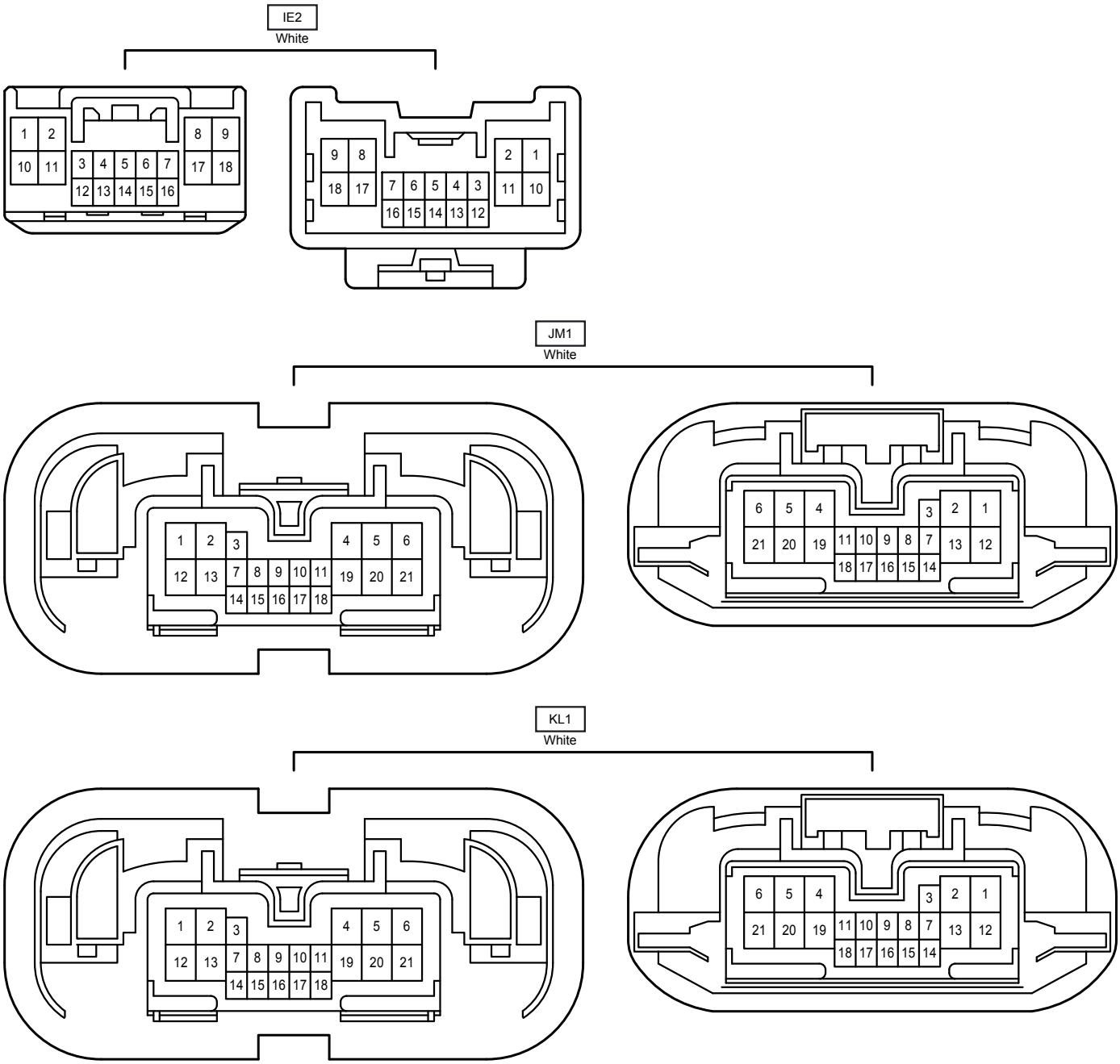


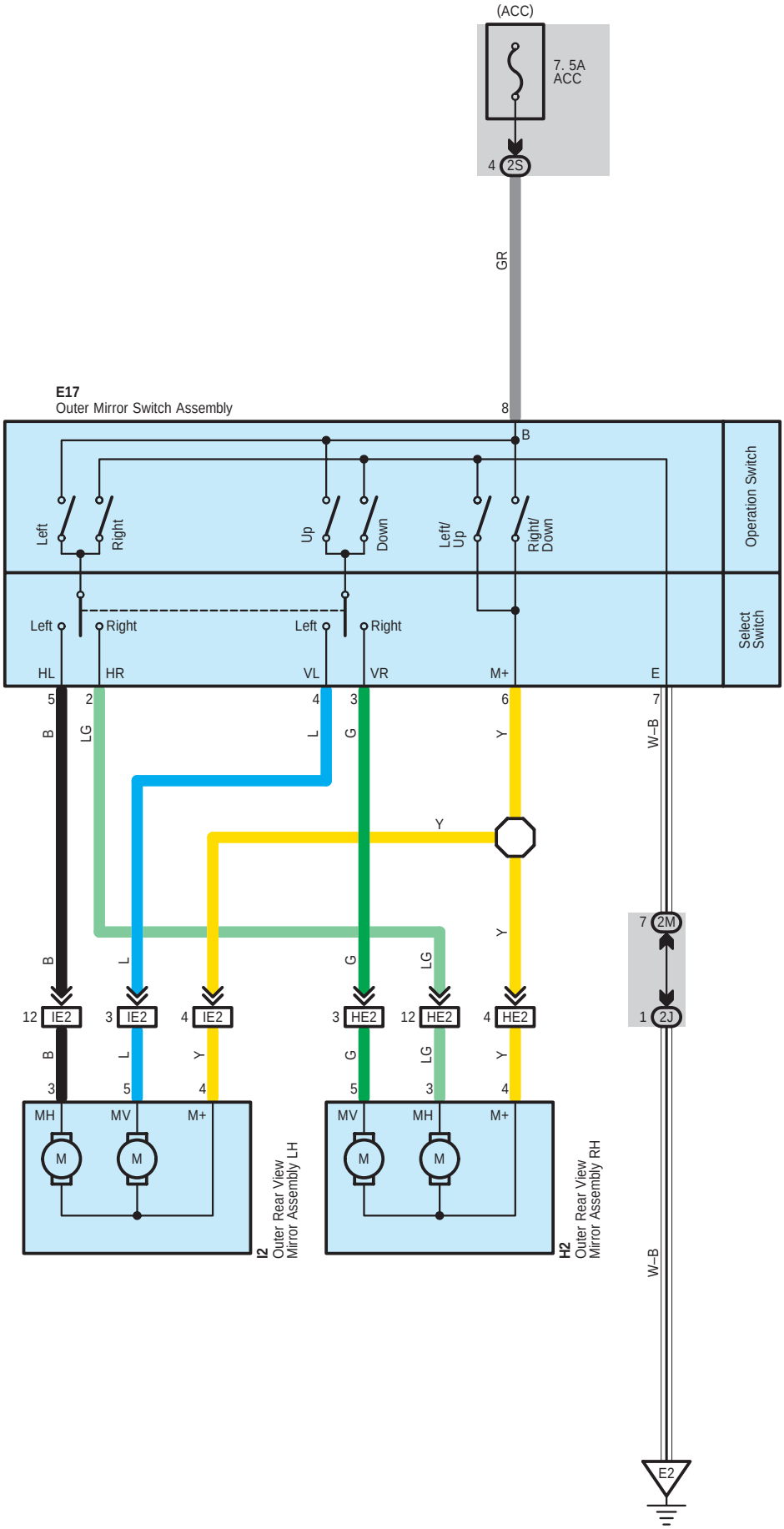
HE2
White



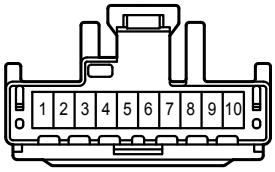
IE1
Blue



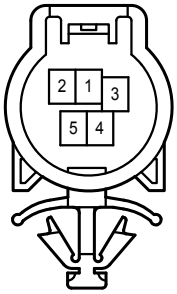

IE2
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12
JM1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14
KL1
White
1 2 3 4 5 6
12 13 7 8 9 10 11 19 20 21
14 15 16 17 18
6 5 4 3 2 1
21 20 19 11 10 9 8 7 13 12
18 17 16 15 14


(ACC)
7. 5A
ACC
4 2S
GR
E17
Outer Mirror Switch Assembly
8
B
Left
Right
Up
Down
Left/
Up
Right/
Down
Operation Switch
Left
Right
Left
Right
Select
Switch
HL
HR
VL
VR
M+
E
5
2
4
3
6
7
B
LG
L
G
Y
W–B
Y
7 2M
1 2J
B
L
G
LG
Y
12 IE2
3 IE2
4 IE2
3 HE2
12 HE2
4 HE2
3
5
4
5
3
4
MH
MV
M+
MV
MH
M+
M
M
M
M
I2 Outer Rear View Mirror Assembly LH
H2 Outer Rear View Mirror Assembly RH
W–B
E2

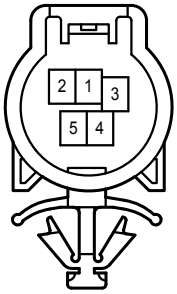
E 17
White



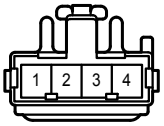
H 2
White



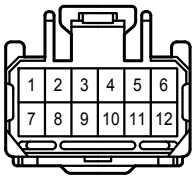
I 2
White



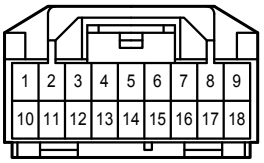
2J
White



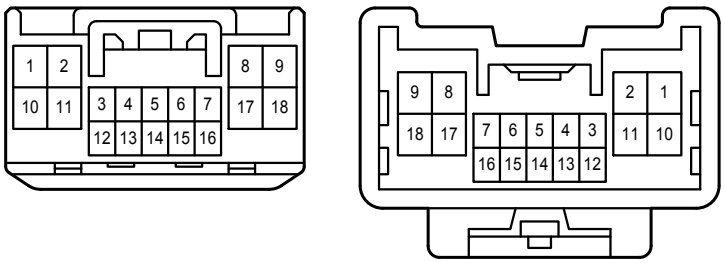
2M
White



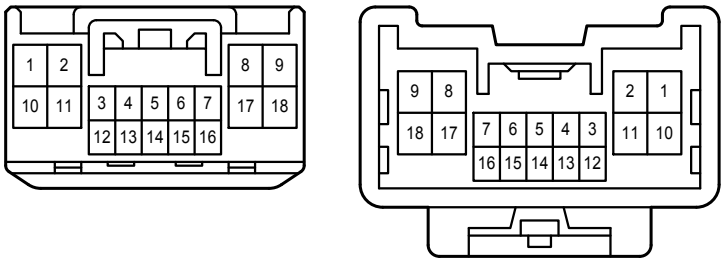
2S
White

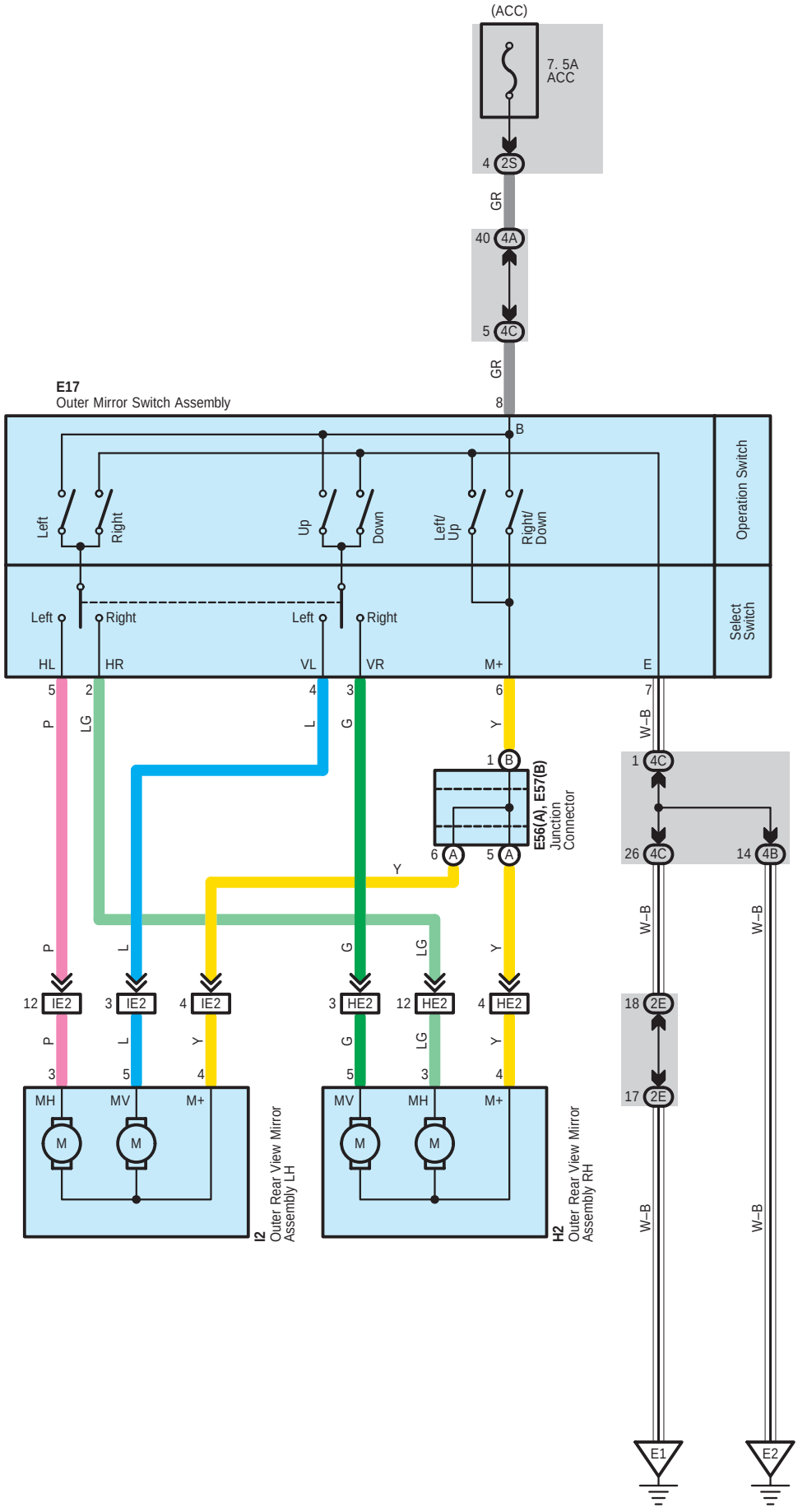


HE2
White

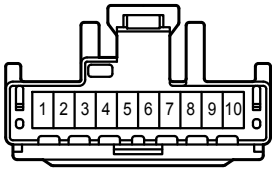


IE2
White




(ACC)
7. 5A
ACC
4 2S
GR
40 4A
5 4C
GR
8
E17
Outer Mirror Switch Assembly
B
Left
Right
Up
Down
Left/
Up
Right/
Down
Operation Switch
Left
Right
Left
Right
Select
Switch
HL
HR
VL
VR
M+
E
5
2
4
3
6
7
P
LG
L
G
Y
W–B
1 B
E56(A), E57(B)
Junction
Connector
6 A
5 A
Y
1 4C
26 4C
14 4B
W–B
W–B
P
L
G
LG
Y
12 IE2
3 IE2
4 IE2
3 HE2
12 HE2
4 HE2
18 2E
17 2E
P
L
G
LG
Y
3
5
4
5
3
4
MH
MV
M+
MV
MH
M+
M
M
M
M
I2
Outer Rear View Mirror
Assembly LH
H2
Outer Rear View Mirror
Assembly RH
W–B
W–B
E1
E2

E 17
White



E 56
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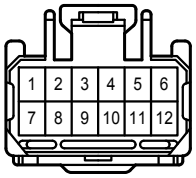

E 57
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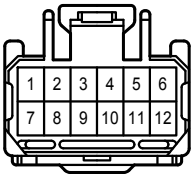
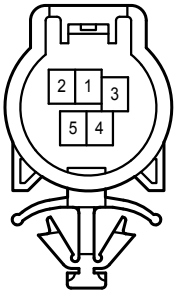
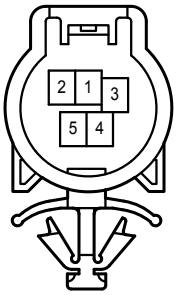


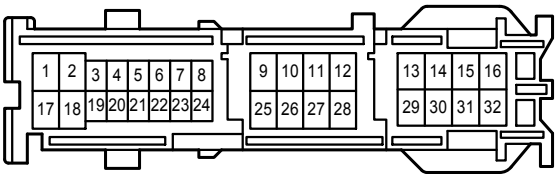
H 2
White



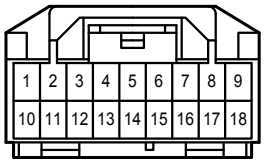
I 2
White



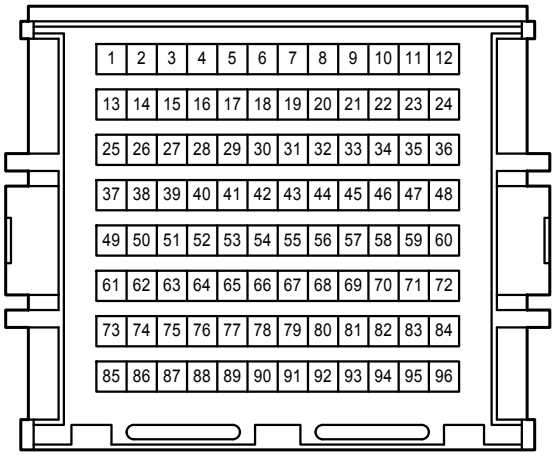
2E
White



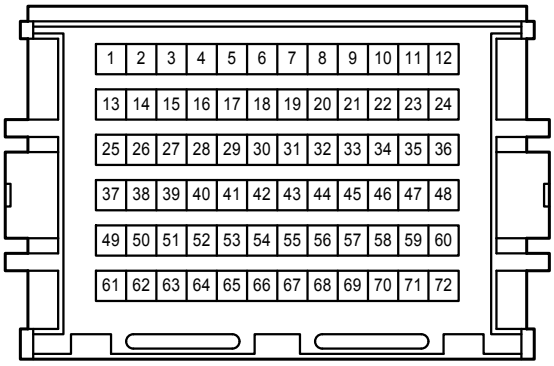
2S
White



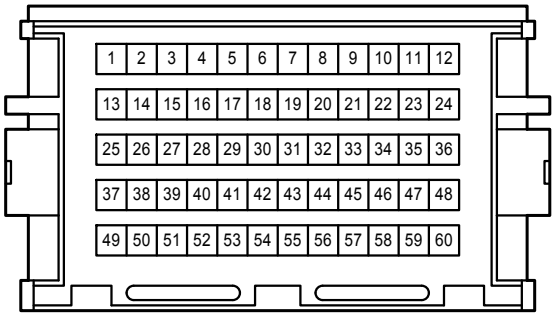
4A
White

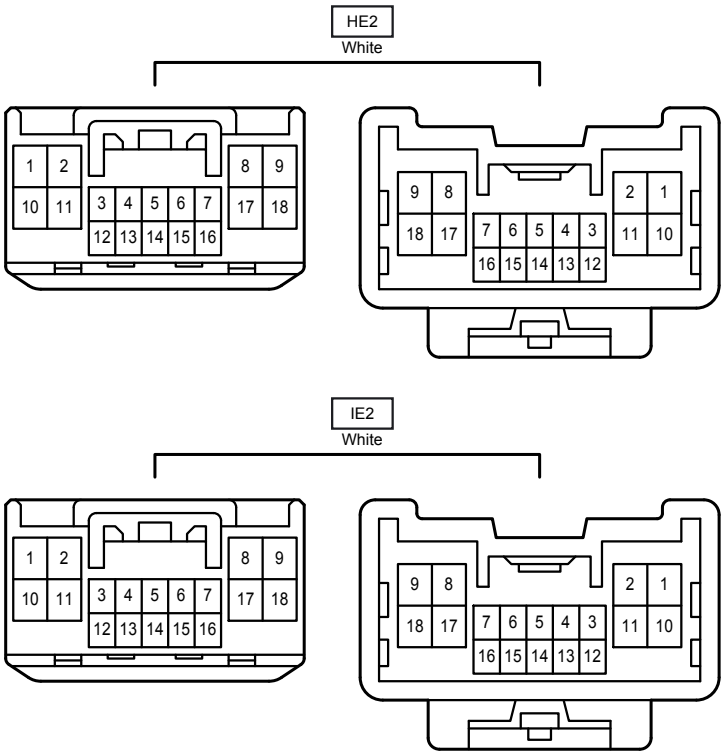


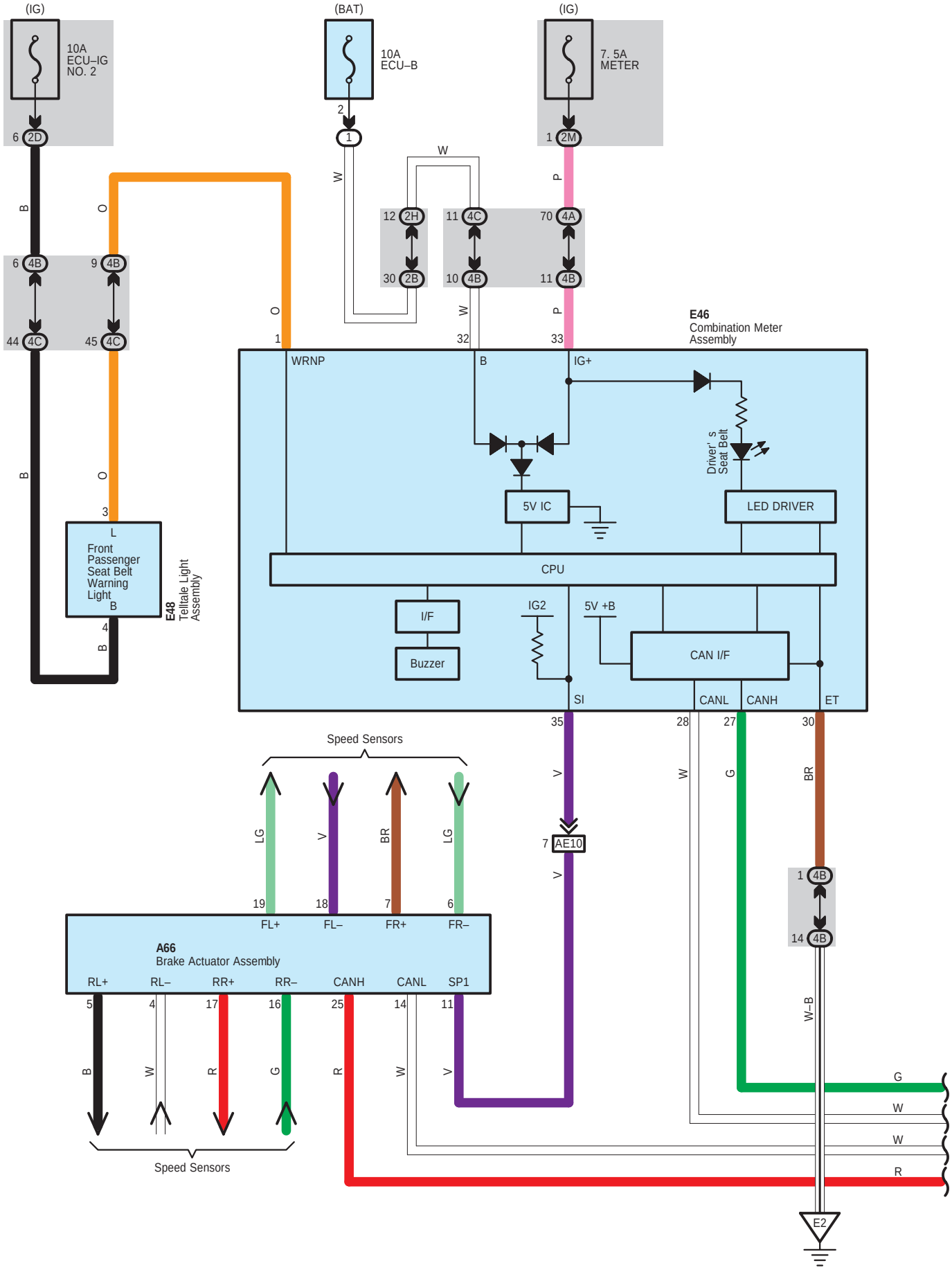
4B
White

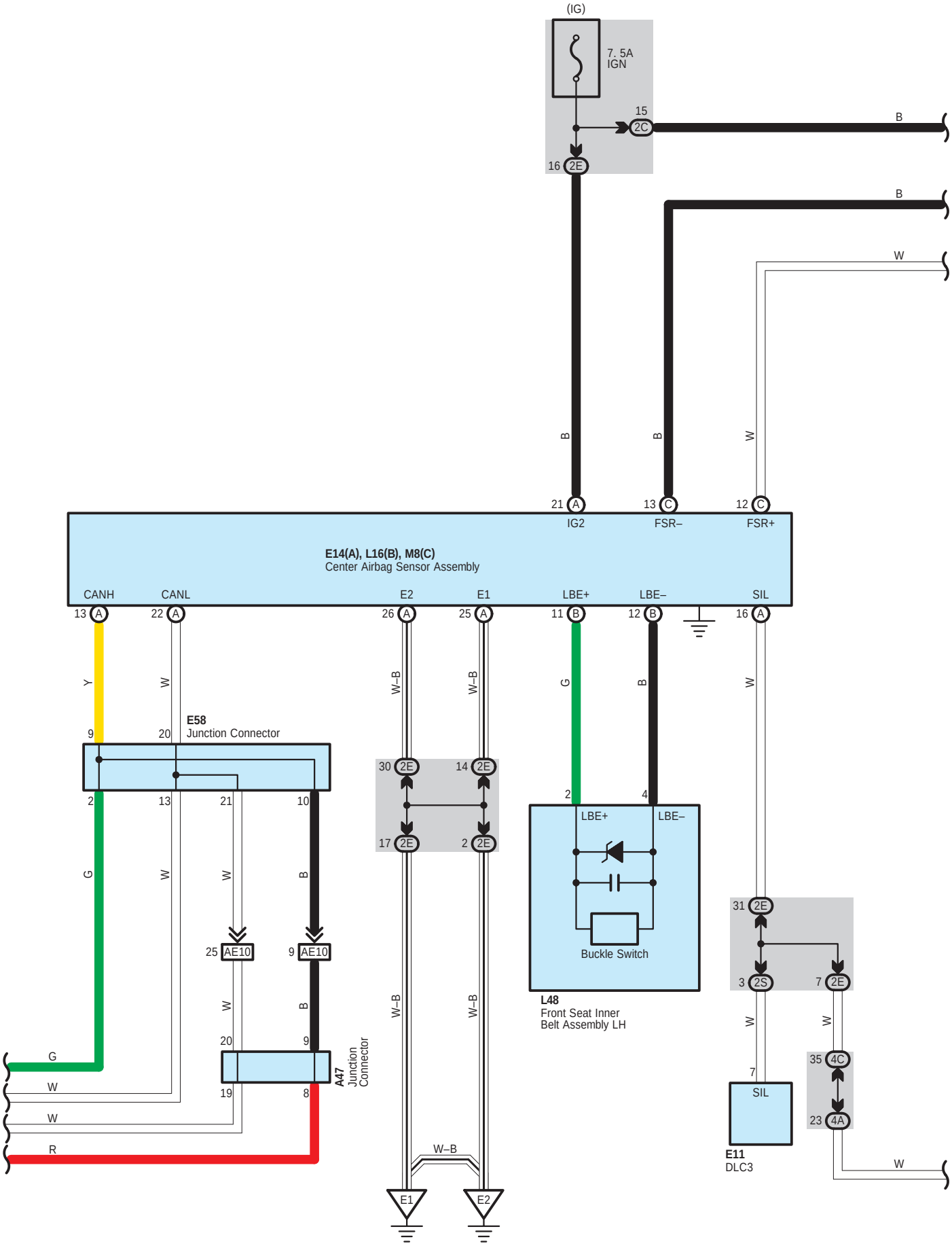


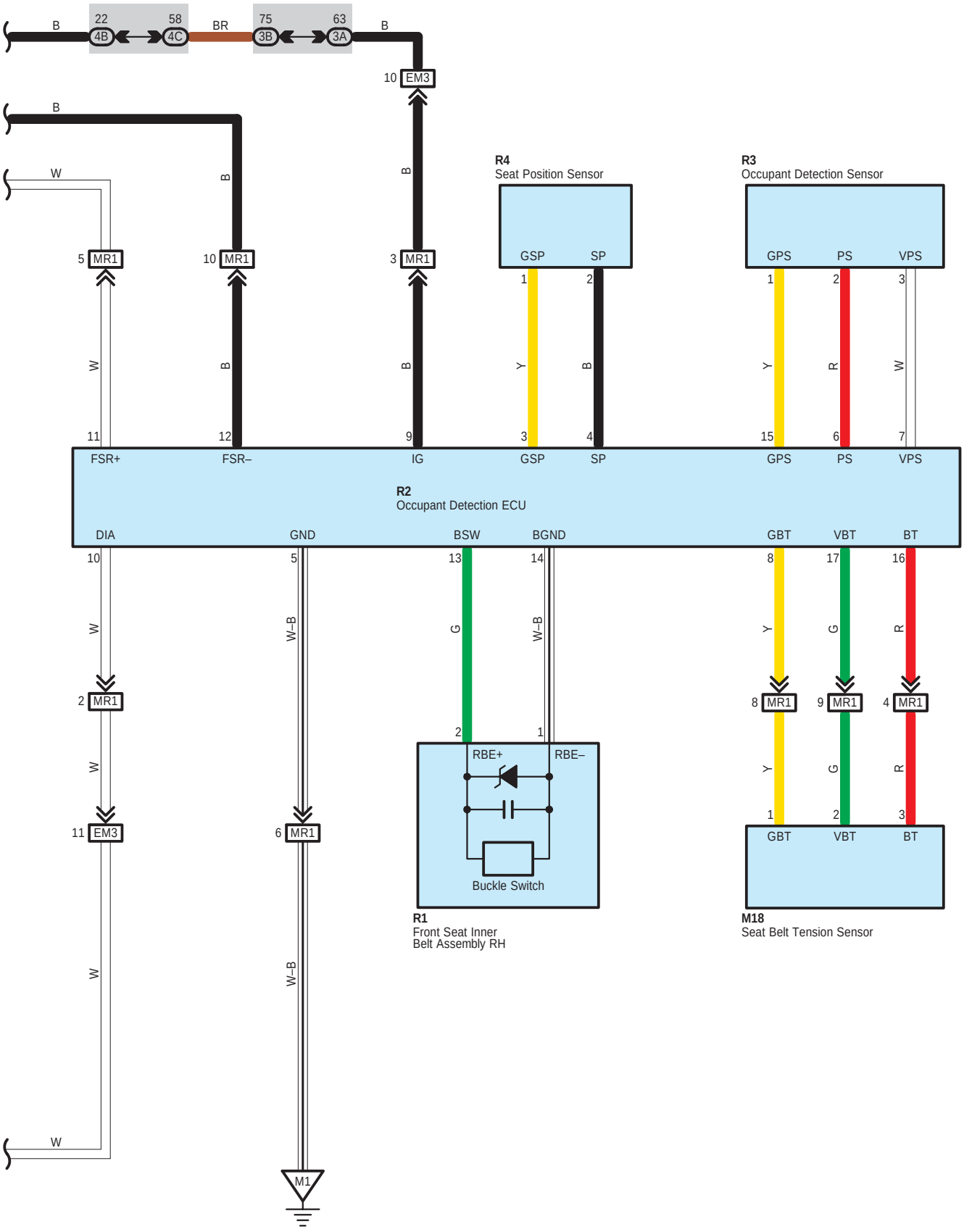
4C
White



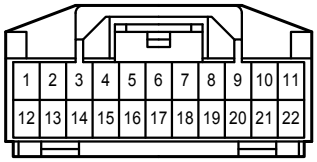

HE2
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12
IE2
White
1 2 8 9
10 11 3 4 5 6 7 17 18
12 13 14 15 16
9 8 2 1
18 17 7 6 5 4 3 11 10
16 15 14 13 12


(IG)
10A
ECU–IG
NO. 2
6 2D
(BAT)
10A
ECU–B
2
1
(IG)
7. 5A
METER
1 2M
W
P
12 2H
30 2B
11 4C
10 4B
70 4A
11 4B
6 4B
44 4C
9 4B
45 4C
B
O
W
P
32
33
1
E46
Combination Meter
Assembly
WRNP
B
IG+
Driver' s
Seat Belt
5V IC
LED DRIVER
CPU
I/F
Buzzer
IG2
5V +B
CAN I/F
SI
CANL
CANH
ET
3
L
Front
Passenger
Seat Belt
Warning
Light
B
4
E48
Telltale Light
Assembly
35
28
27
30
V
W
G
BR
7 AE10
Speed Sensors
LG
V
BR
LG
19
18
7
6
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
RL+
RL–
RR+
RR–
CANH
CANL
SP1
5
4
17
16
25
14
11
B
W
R
G
R
W
V
Speed Sensors
1 4B
14 4B
W–B
G
W
W
R
E2

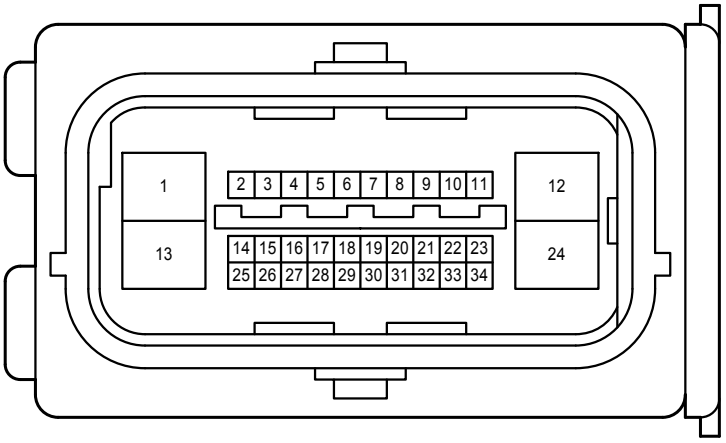

(IG)
7. 5A
IGN
15
2C
16
2E
B
B
W
B
B
W
21
A
IG2
13
C
FSR–
12
C
FSR+
E14(A), L16(B), M8(C)
Center Airbag Sensor Assembly
CANH
CANL
E2
E1
LBE+
LBE–
SIL
13
A
22
A
26
A
25
A
11
B
12
B
16
A
Y
W
W–B
W–B
G
B
W
E58
Junction Connector
9
20
30
2E
14
2E
17
2E
2
2E
2
4
LBE+
LBE–
Buckle Switch
L48
Front Seat Inner
Belt Assembly LH
31
2E
3
2S
7
2E
2
13
21
10
G
W
W
B
25
AE10
9
AE10
W
B
20
9
19
8
A47
Junction
Connector
W–B
W–B
W–B
W
W
7
SIL
E11
DLC3
35
4C
23
4A
G
W
W
R
E1
E2
W


B
22
4B
58
4C
BR
75
3B
63
3A
B
10 EM3
B
W
B
B
5 MR1
10 MR1
3 MR1
R4
Seat Position Sensor
GSP
SP
R3
Occupant Detection Sensor
GPS
PS
VPS
W
B
B
Y
B
Y
R
W
11
12
9
3
4
15
6
7
FSR+
FSR–
IG
GSP
SP
GPS
PS
VPS
R2
Occupant Detection ECU
DIA
GND
BSW
BGND
GBT
VBT
BT
10
5
13
14
8
17
16
W
W–B
G
W–B
Y
G
R
2 MR1
8 MR1
9 MR1
4 MR1
W
Y
G
R
11 EM3
6 MR1
2
1
1
2
3
RBE+
RBE–
GBT
VBT
BT
W
W–B
Buckle Switch
W
M1
R1
Front Seat Inner
Belt Assembly RH
M18
Seat Belt Tension Sensor

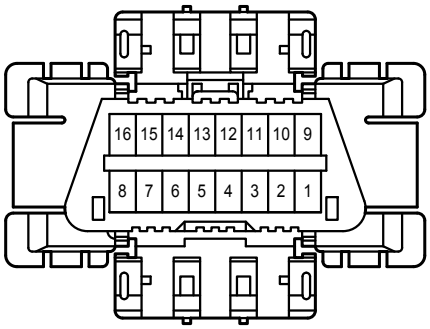
A 47
White



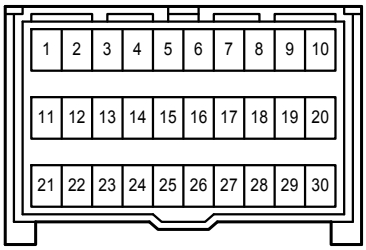
A 66
Black



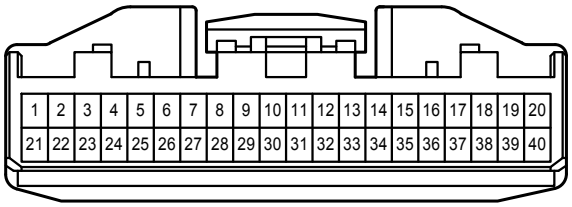
E 11
White



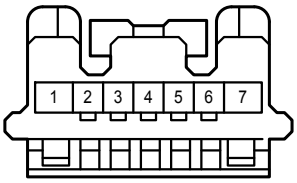
E 14
Yellow



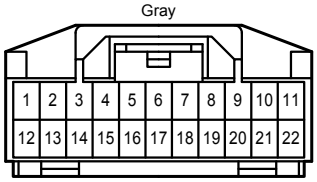
E 46
White



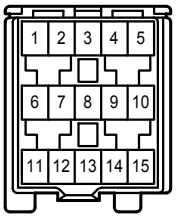
E 48
Black



E 58
Gray

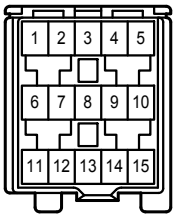


L 16
Yellow

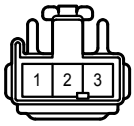


L 48
White

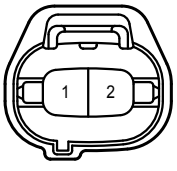
M 8
Yellow



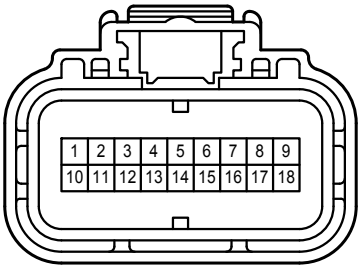
M 18
White



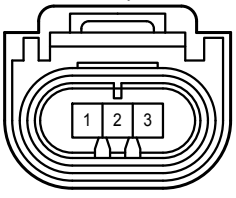
R 1
White



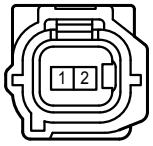
R 2
Black



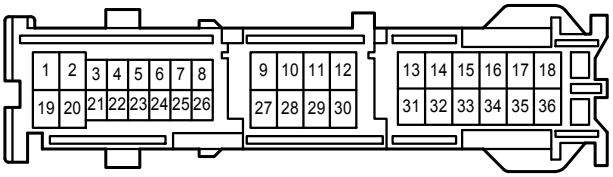
R 3
Gray



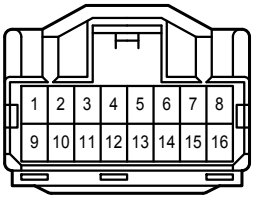
R 4
Black



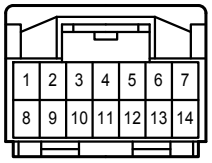
2B
White



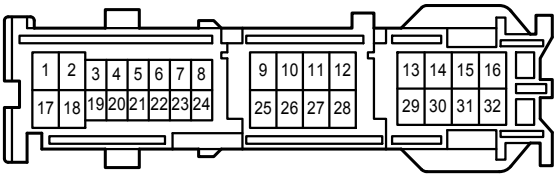
2C
White



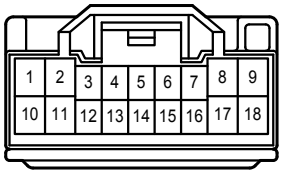
2D
White



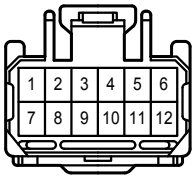
2E
White



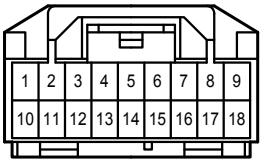
2H
White



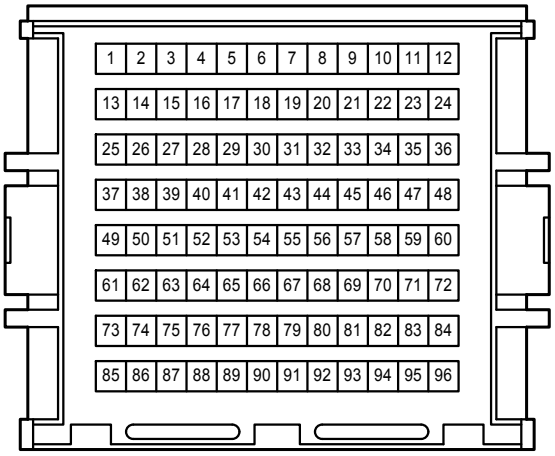
2M
White



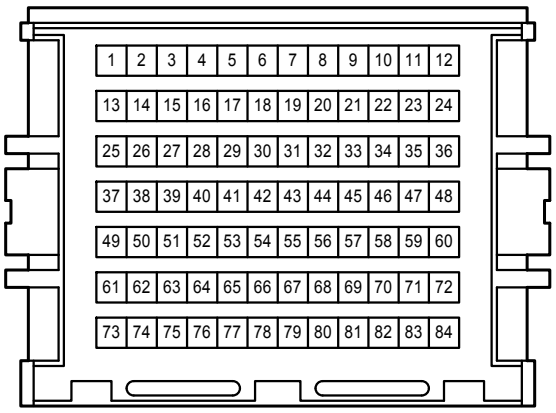
2S
White



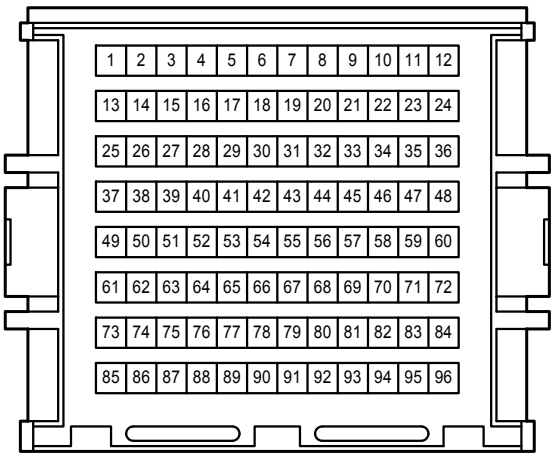
3A
White



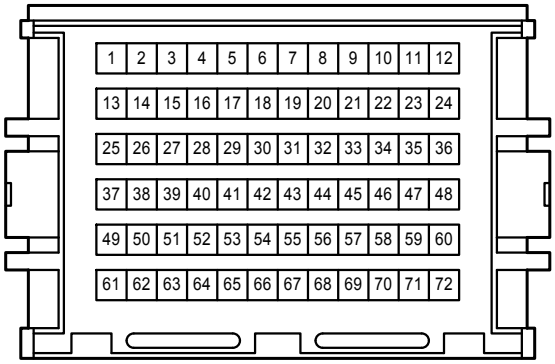
3B
White



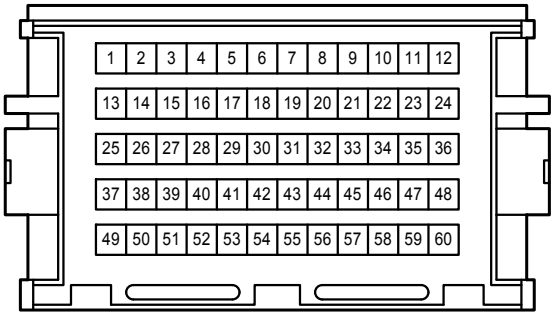
4A
White



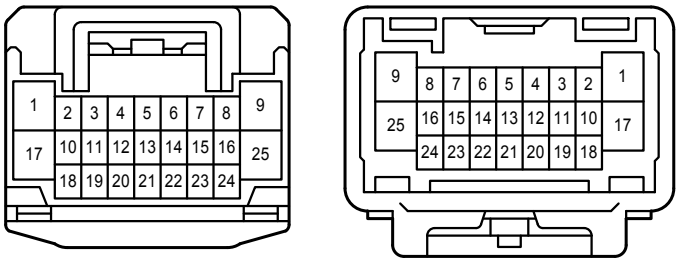
4B
White



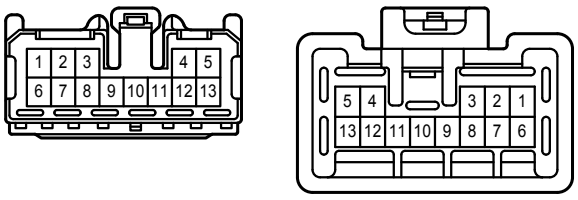
4C
White



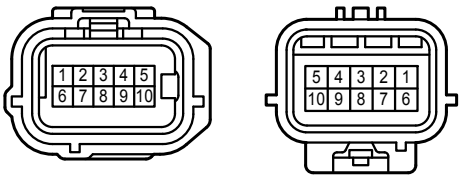
AE10
Gray

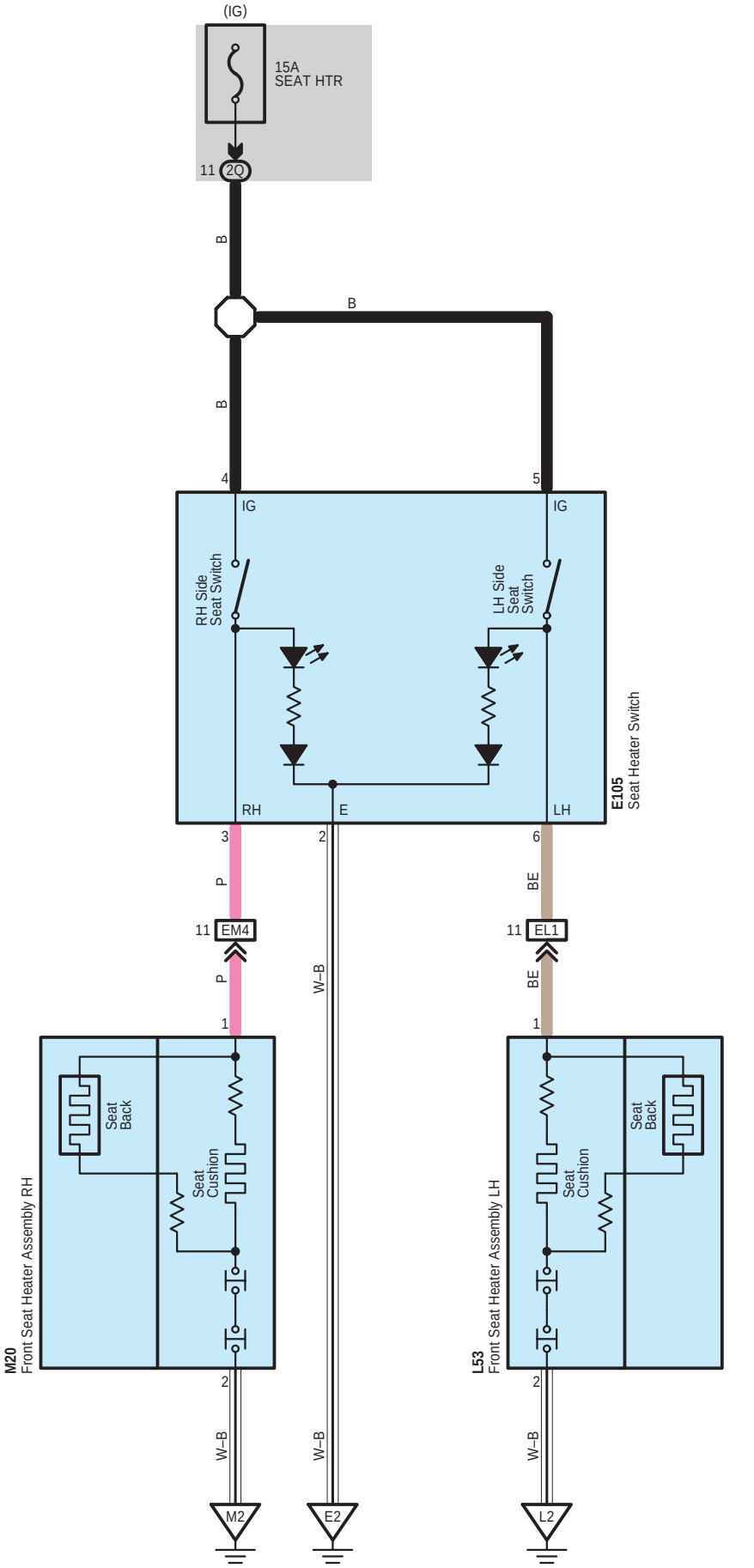


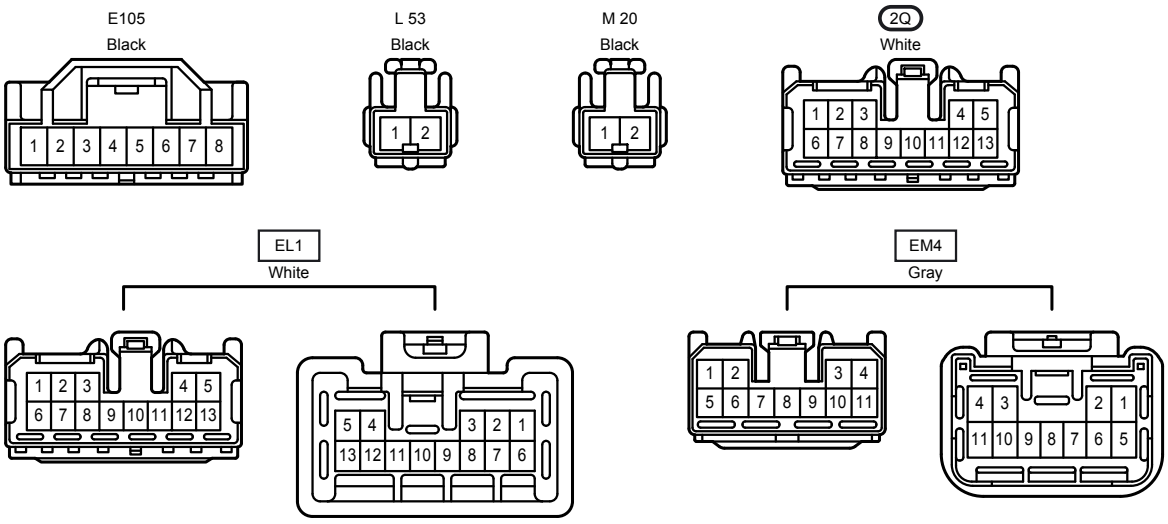
EM3
White

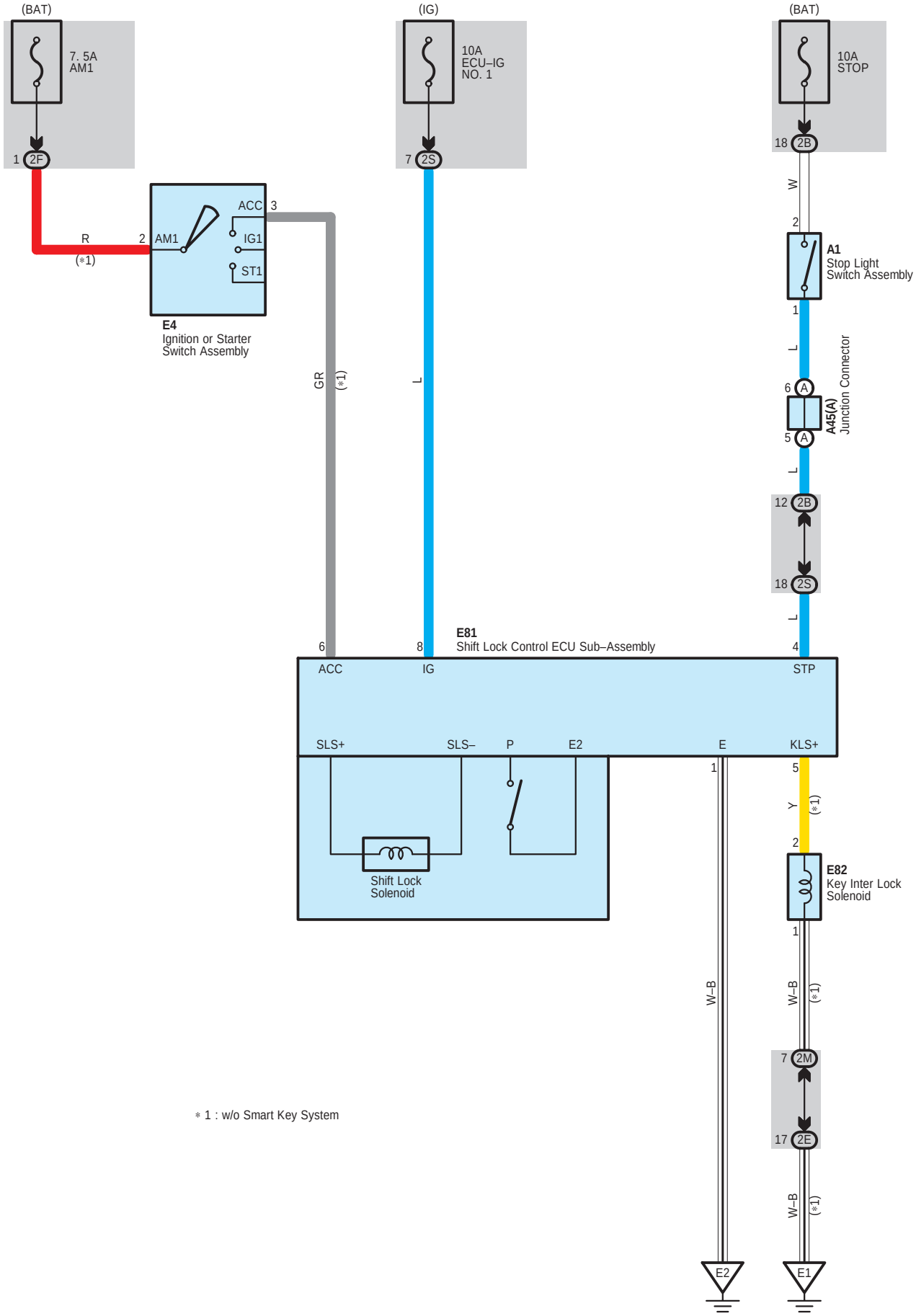


MR1
Black



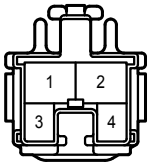

(IG)
15A
SEAT HTR
11 2Q
B
B
B
4
5
IG
IG
RH Side
Seat Switch
LH Side
Seat
Switch
E105
Seat Heater Switch
RH
E
LH
3
2
6
P
BE
11 EM4
11 EL1
P
BE
W-B
1
1
Seat
Back
Seat
Cushion
M20
Front Seat Heater Assembly RH
L53
Front Seat Heater Assembly LH
2
2
W-B
W-B
W-B
M2
E2
L2


E105
Black
1 2 3 4 5 6 7 8
L 53
Black
1 2
M 20
Black
1 2
2Q
White
1 2 3 4 5
6 7 8 9 10 11 12 13
EL1
White
1 2 3 4 5
6 7 8 9 10 11 12 13
5 4 3 2 1
13 12 11 10 9 8 7 6
EM4
Gray
1 2 3 4
5 6 7 8 9 10 11
4 3 2 1
11 10 9 8 7 6 5

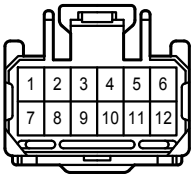


* 1 : w/o Smart Key System

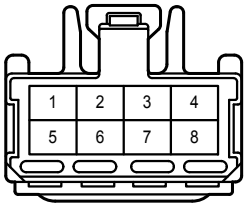
A 1
Black



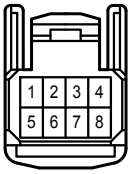
A 45
White



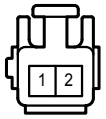
E 4
White



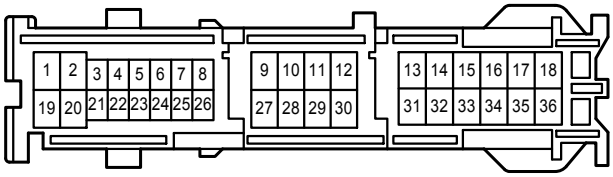
E 81
White



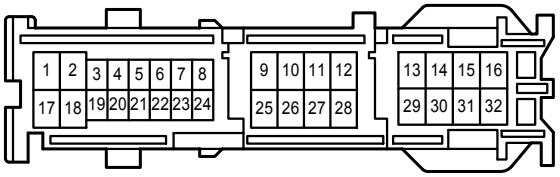
E 82
Black



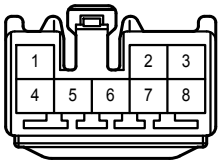
2B
White



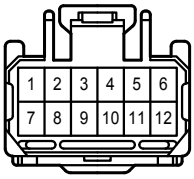
2E
White



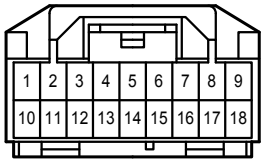
2F
White

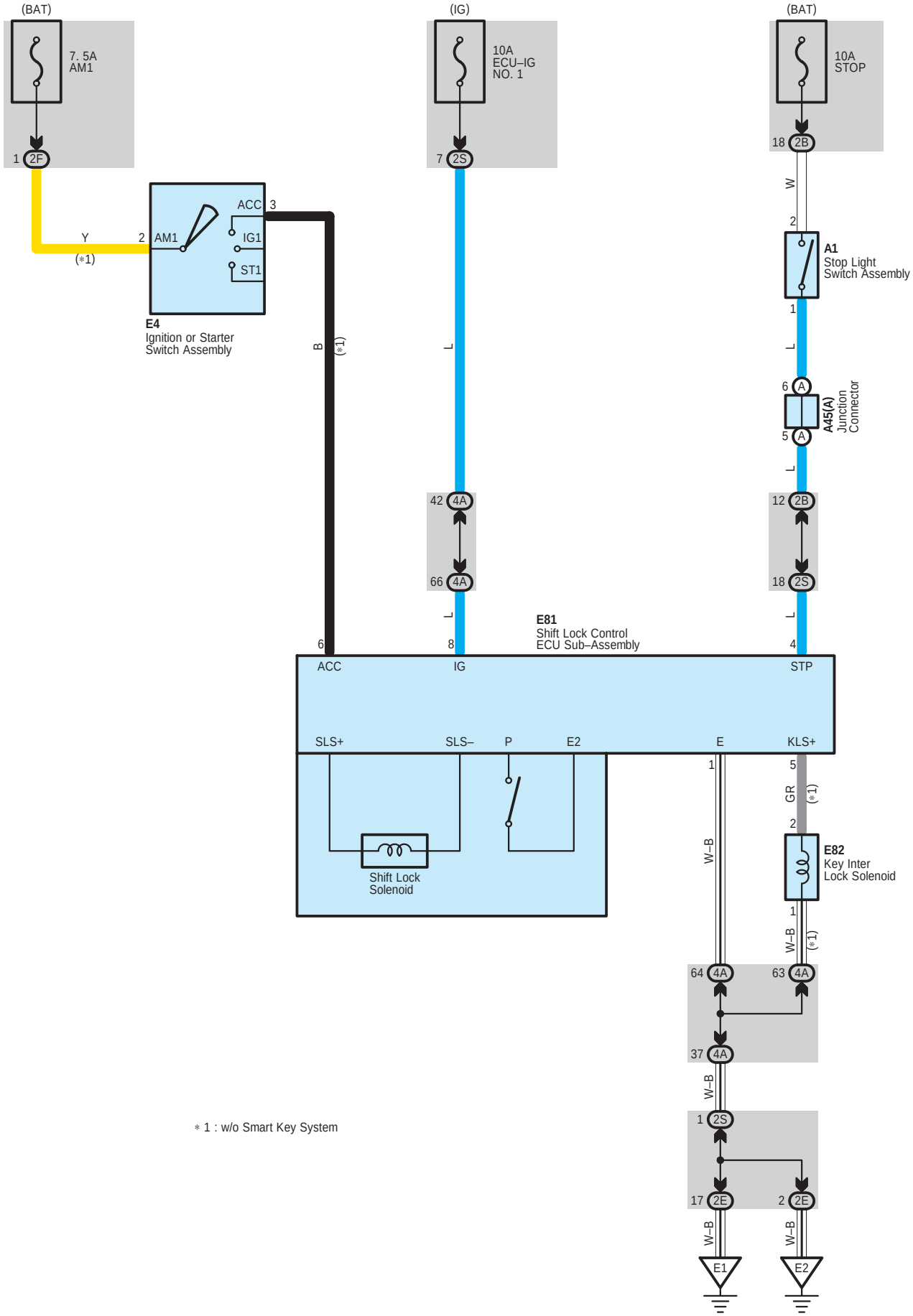


2M
White



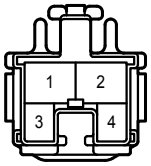
2S
White



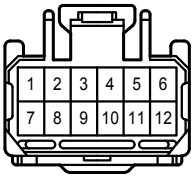


* 1 : w/o Smart Key System

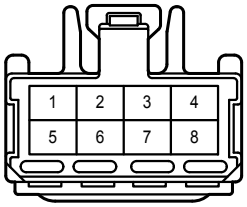
A 1
Black



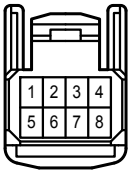
A 45
White



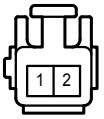
E 4
White



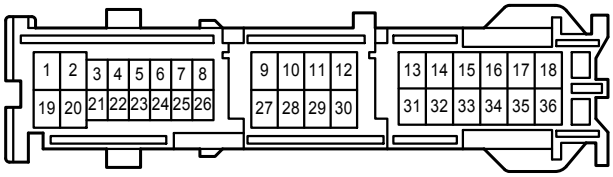
E 81
White



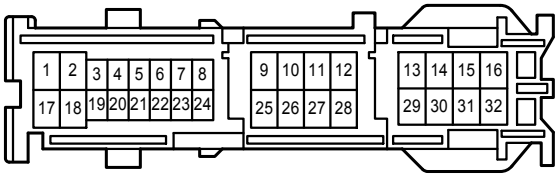
E 82
Black



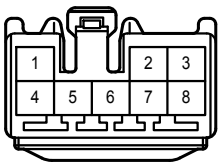
2B
White



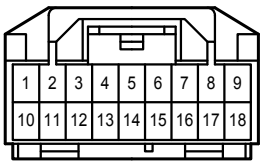
2E
White



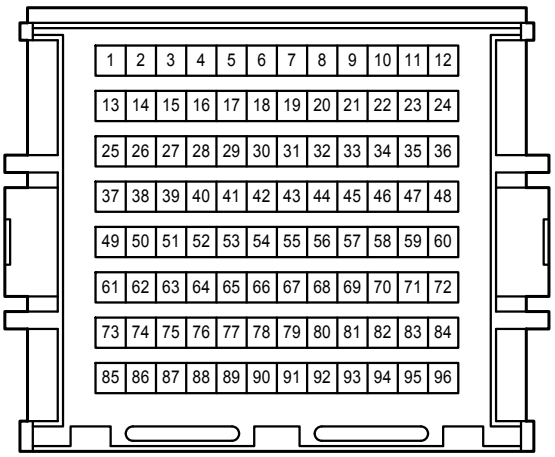
2F
White

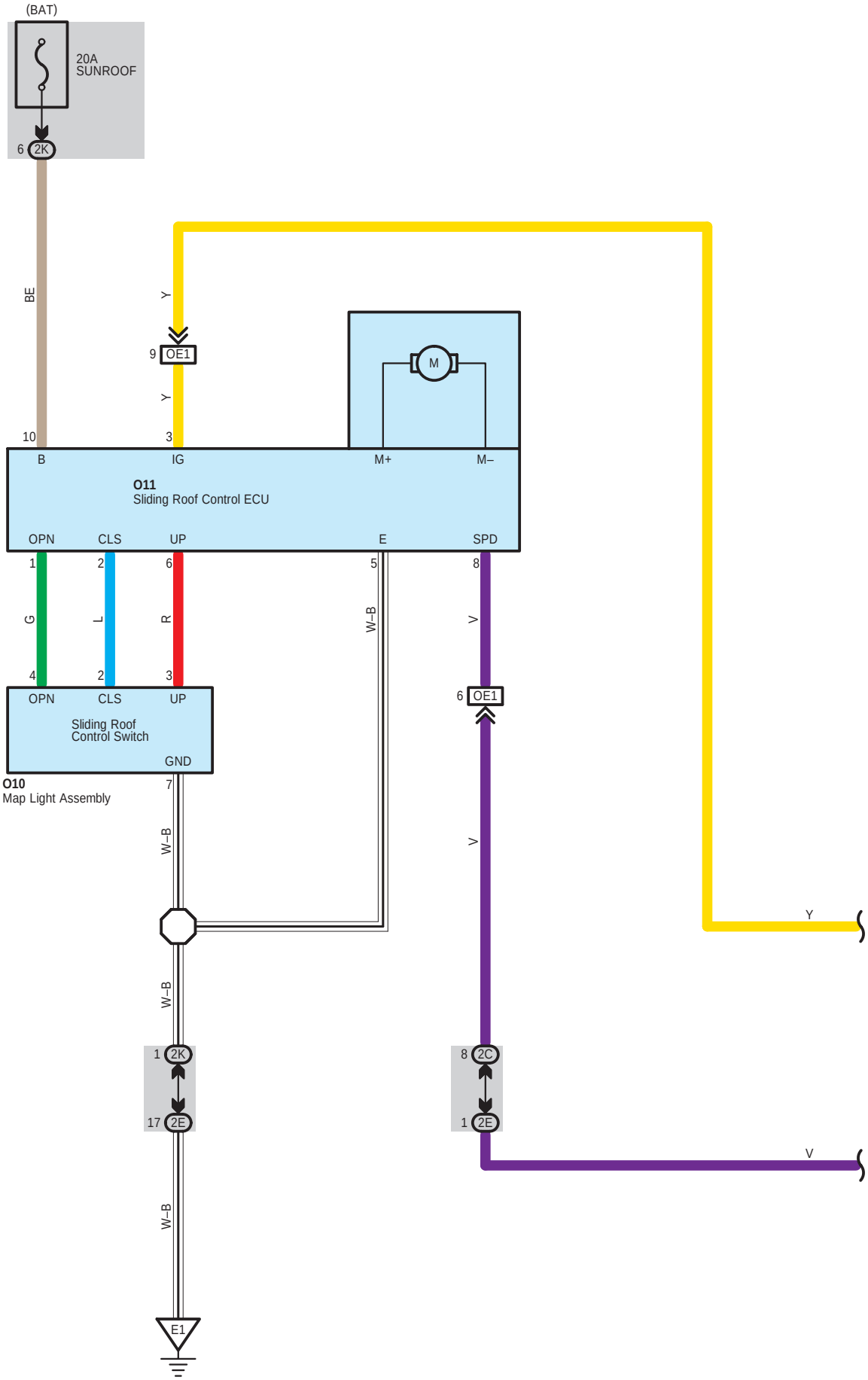


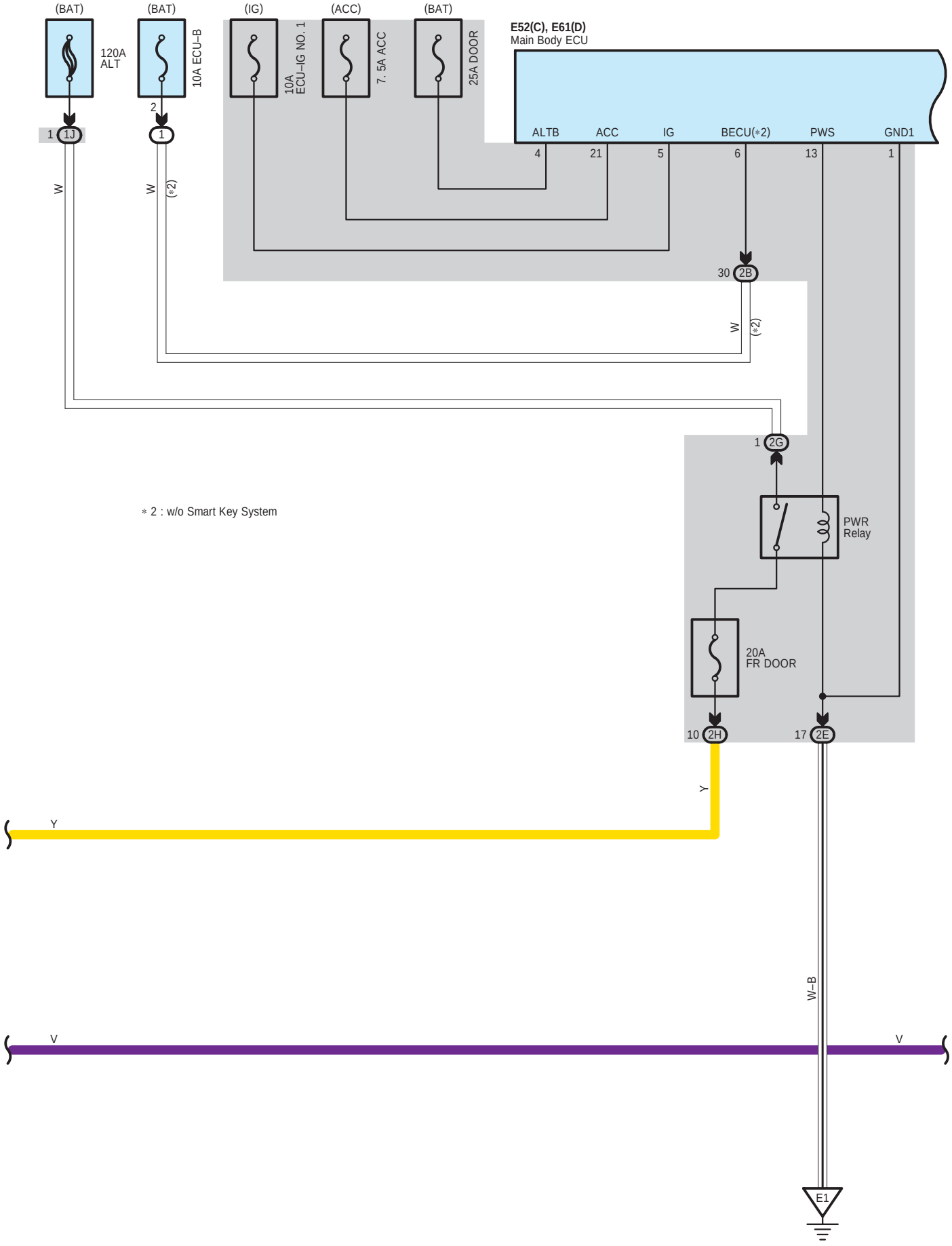
2S
White

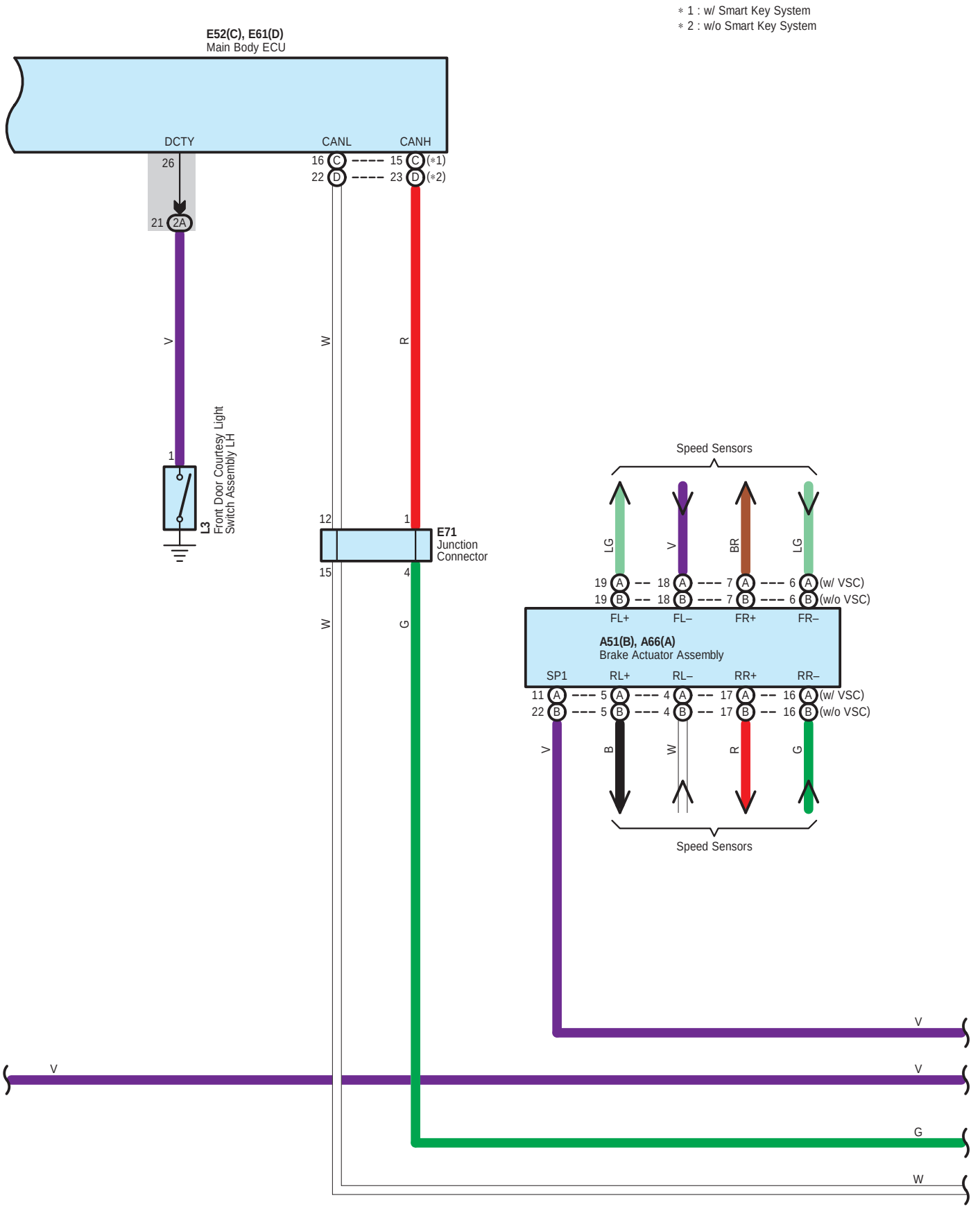


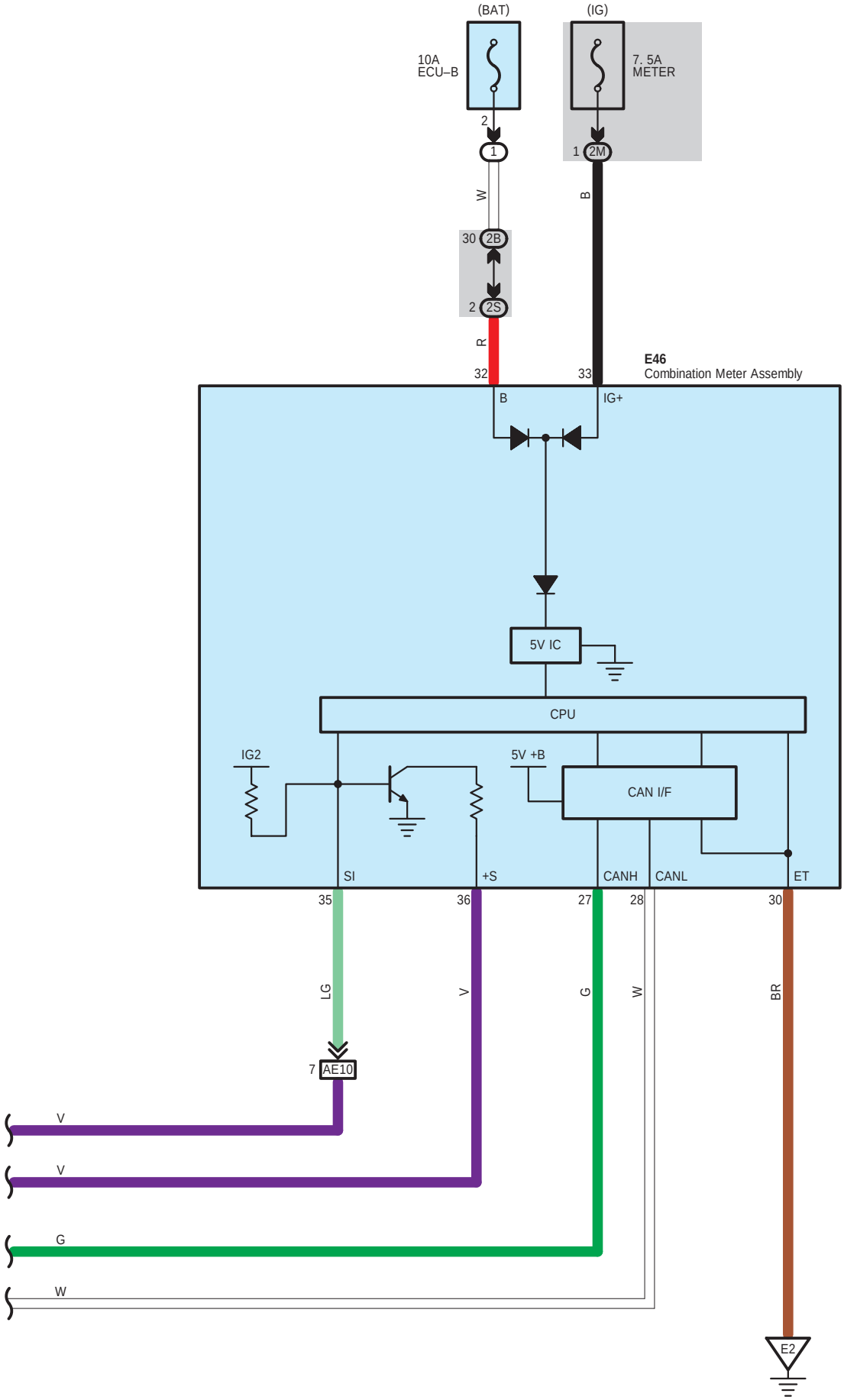
4A
White



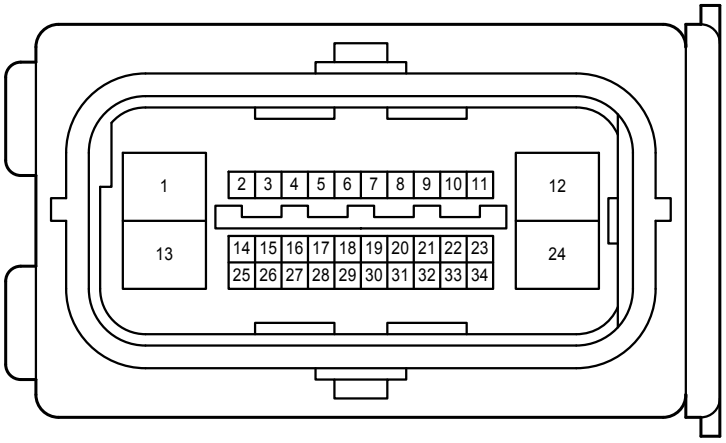

(BAT)
20A
SUNROOF
6 2K
BE
10
B
Y
9 OE1
Y
3
IG
M
M+
M–
O11
Sliding Roof Control ECU
OPN
CLS
UP
E
SPD
1
2
6
5
8
G
L
R
W–B
V
4
2
3
OPN
CLS
UP
Sliding Roof
Control Switch
GND
O10
Map Light Assembly
7
W–B
6 OE1
V
W–B
Y
1 2K
17 2E
8 2C
1 2E
V
W–B
E1


(BAT)
(BAT)
(IG)
(ACC)
(BAT)
120A
ALT
10A ECU–B
10A
ECU–IG NO. 1
7. 5A ACC
25A DOOR
E52(C), E61(D)
Main Body ECU
ALTB
ACC
IG
BECU(∗2)
PWS
GND1
4
21
5
6
13
1
1 1J
2
1
W
W
(∗2)
30 2B
W
(∗2)
1 2G
∗ 2 : w/o Smart Key System
PWR
Relay
20A
FR DOOR
10 2H
17 2E
Y
Y
W–B
V
V
E1

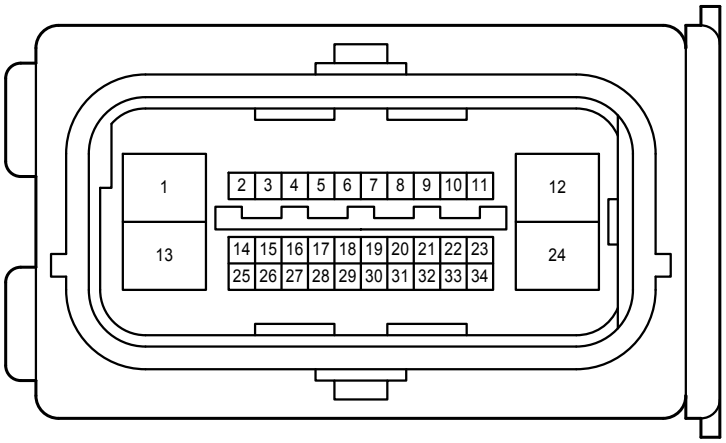

∗ 1 : w/ Smart Key System
∗ 2 : w/o Smart Key System
E52(C), E61(D)
Main Body ECU
DCTY
CANL
CANH
26
21 2A
16 C
22 D
15 C (∗1)
23 D (∗2)
V
W
R
1
L3
Front Door Courtesy Light Switch Assembly LH
12
1
15
4
E71
Junction Connector
W
G
Speed Sensors
LG
V
BR
LG
19 A
19 B
18 A
18 B
7 A
7 B
6 A
6 B
(w/ VSC)
(w/o VSC)
FL+
FL–
FR+
FR–
A51(B), A66(A)
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11 A
22 B
5 A
5 B
4 A
4 B
17 A
17 B
16 A
16 B
(w/ VSC)
(w/o VSC)
V
B
W
R
G
Speed Sensors
V
V
V
G
W


(BAT)
(IG)
10A
ECU–B
7. 5A
METER
2
1
1
2M
W
B
30
2B
2
2S
R
32
33
E46
Combination Meter Assembly
B
IG+
5V IC
CPU
IG2
5V +B
CAN I/F
SI
+S
CANH
CANL
ET
35
36
27
28
30
LG
V
G
W
BR
7
AE10
V
V
G
W
E2

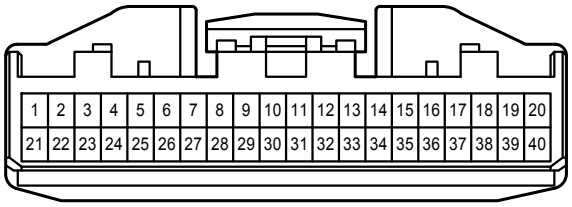
A 51
Gray



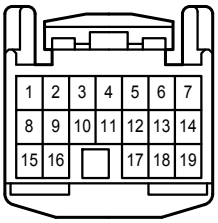
A 66
Black



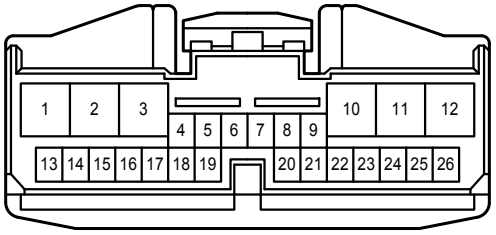
E 46
White



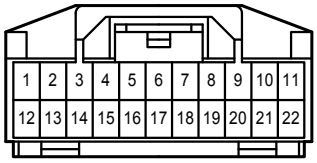
E 52
White



E 61
White

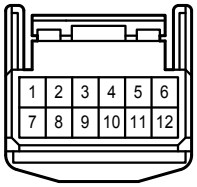


E 71
White

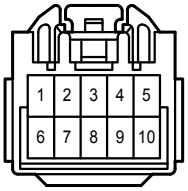


L 3
Black

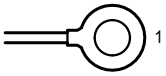
O 10
Black



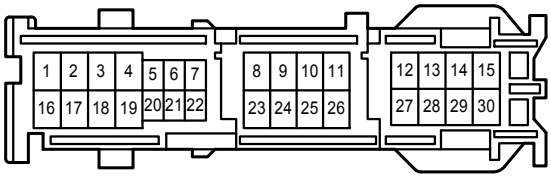
O 11
Gray



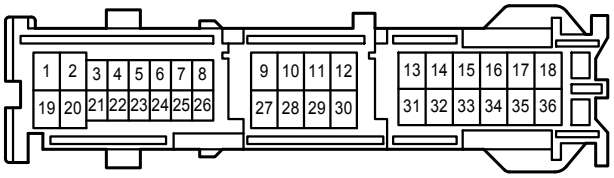
1J



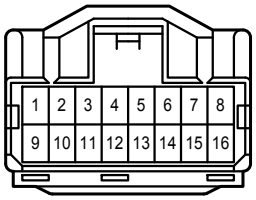
2A
White



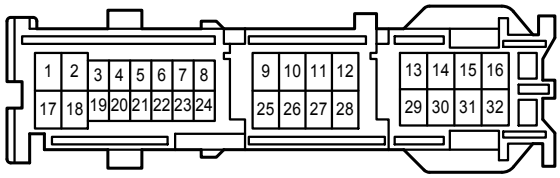
2B
White



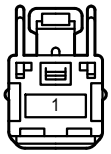
2C
White



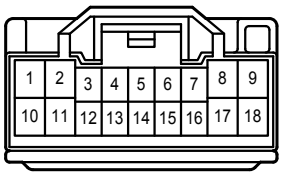
2E
White



2G
White

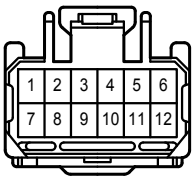


2H
White

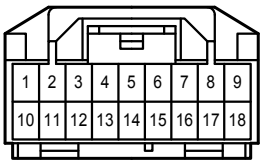


2K
White

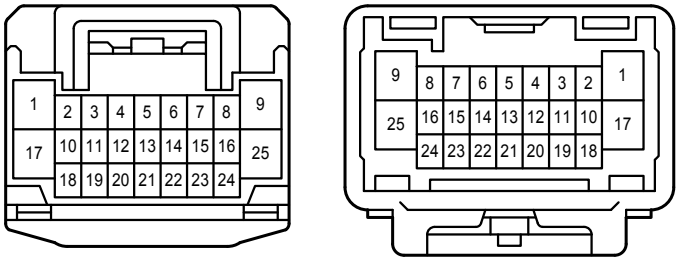
2M
White



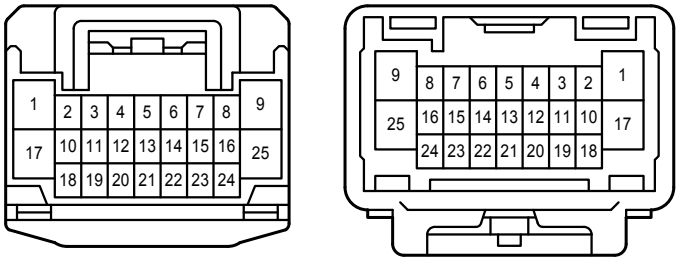
2S
White



AE10
Gray



OE1
White



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

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

∗ **Work must be started more than 90 seconds after the ignition or starter switch assembly is turned to the " LOCK" position (Ignition switch type) or the engine switch is pushed to the " OFF" poition (Engine switch type) and the negative (–) terminal cable is disconnected from the battery.**
(The SRS is equipped with a back–up power source so that if work is started within 90 seconds from disconnecting the negative (–) terminal cable of the battery, the SRS may deploy.)

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

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

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

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

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

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

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

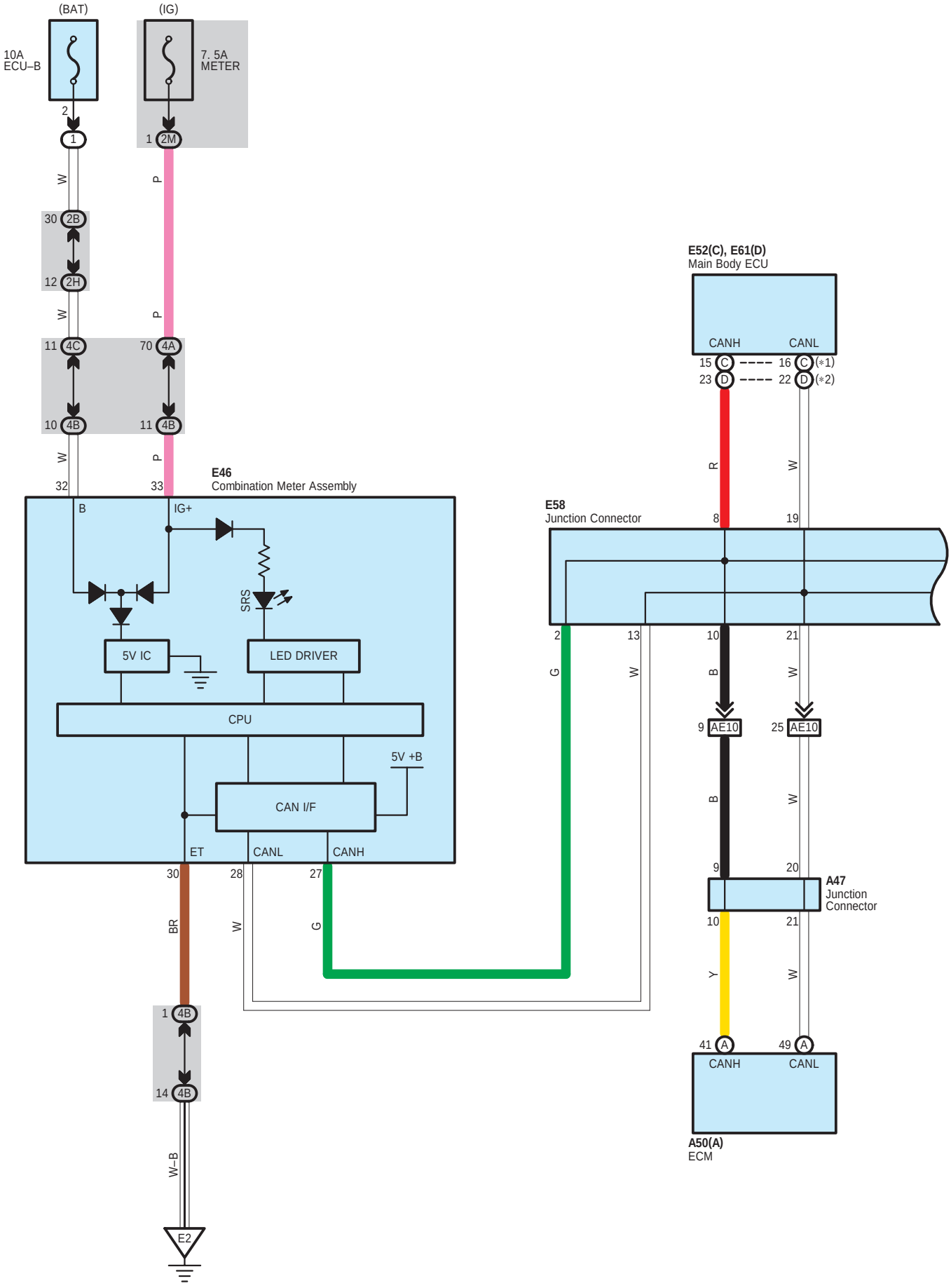
∗ Use a volt/ohmmeter with high impedance (10 k /V minimum) for troubleshooting electrical circuits of the system.

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

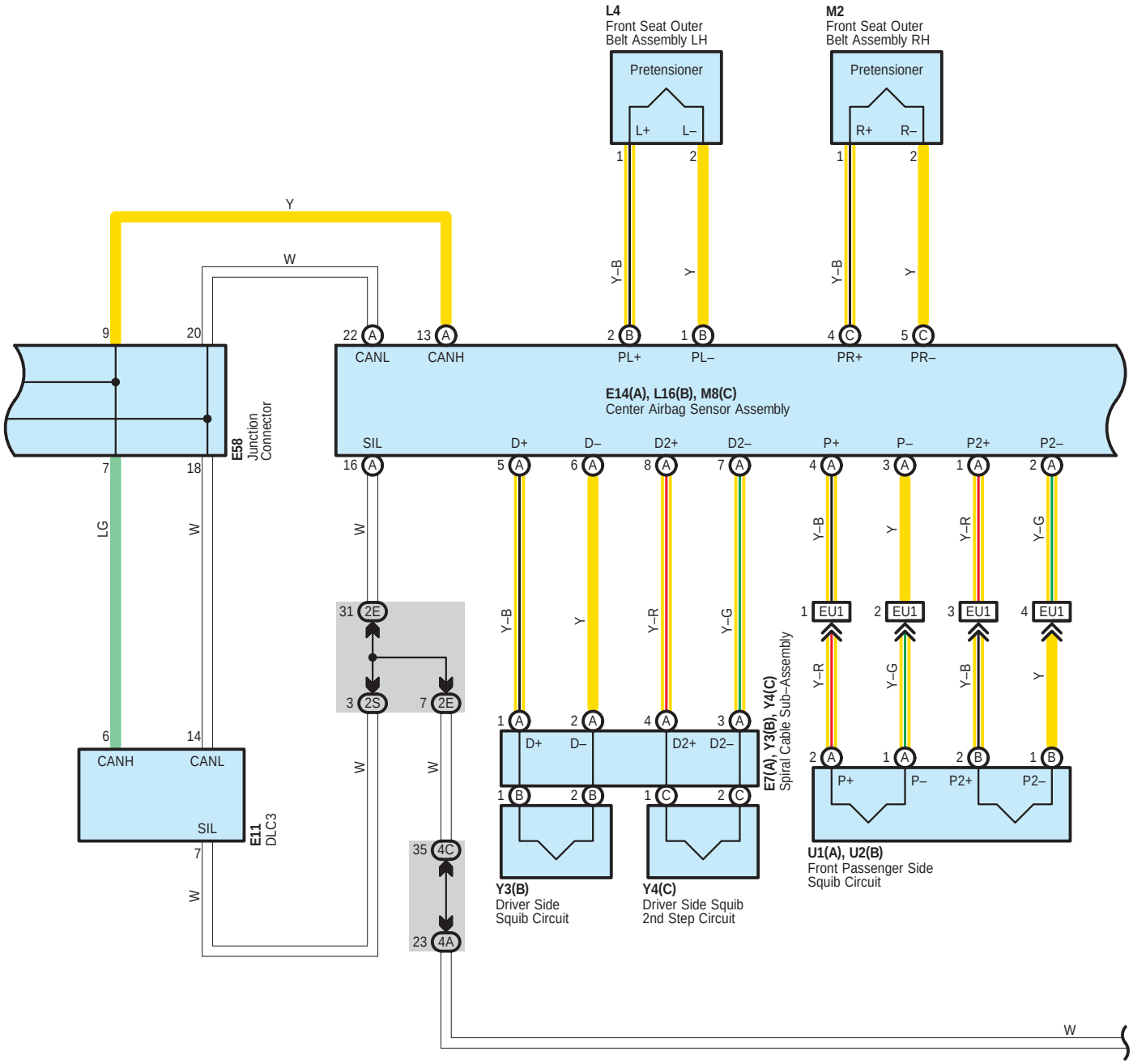
∗ After work on the SRS is completed, check the SRS warning light.

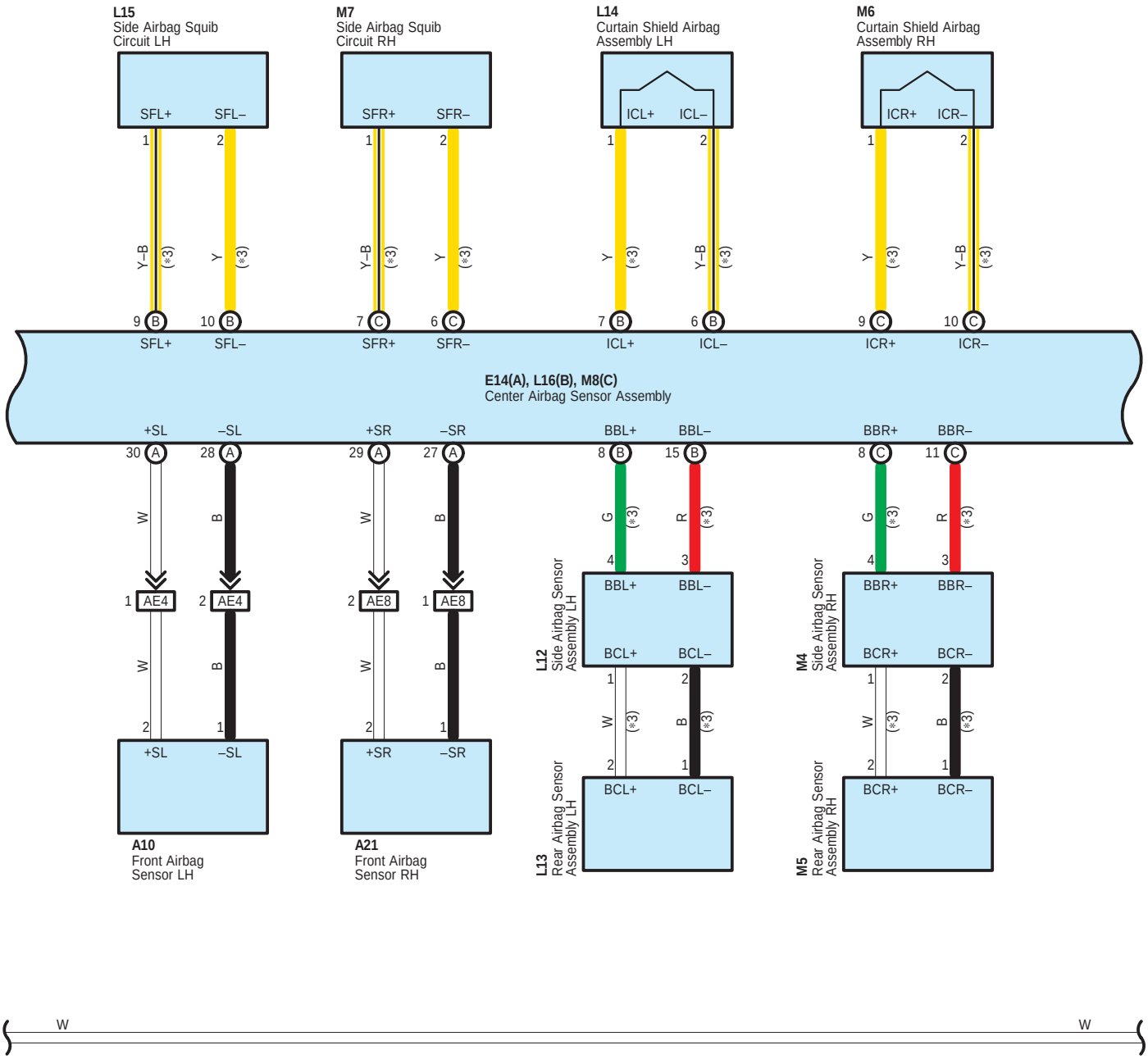
∗ If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

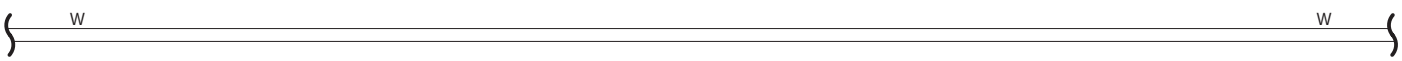
- ∗ Steering wheel pad
- ∗ Front passenger airbag assembly
- ∗ Side airbag assembly
- ∗ Curtain shield airbag assembly
- ∗ Seat belt pretensioner
- ∗ Center airbag sensor assembly
- ∗ Front airbag sensor assembly
- ∗ Side airbag sensor assembly
- ∗ Rear airbag sensor assembly

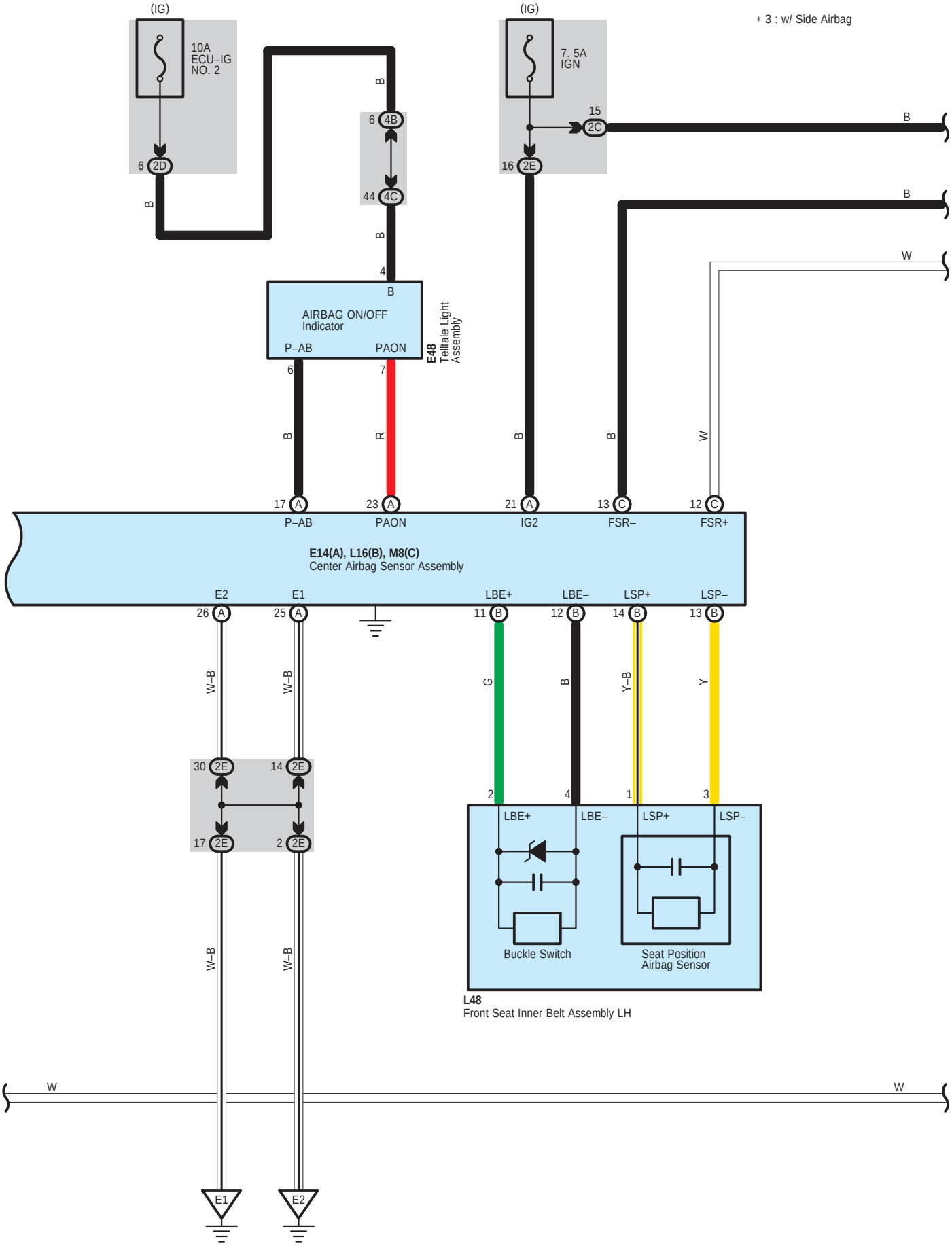

(BAT)
(IG)
10A
ECU–B
7. 5A
METER
2
1
1
2M
W
P
30
2B
12
2H
11
4C
70
4A
10
4B
11
4B
32
33
E46
Combination Meter Assembly
B
IG+
SRS
5V IC
LED DRIVER
CPU
5V +B
CAN I/F
ET
CANL
CANH
30
28
27
BR
W
G
1
4B
14
4B
W–B
E2
E52(C), E61(D)
Main Body ECU
CANH
CANL
15
C
23
D
16
C
(*1)
22
D
(*2)
R
W
E58
Junction Connector
8
19
2
13
10
21
G
W
B
W
9
AE10
25
AE10
B
W
9
20
A47
Junction
Connector
10
21
Y
W
41
A
49
A
CANH
CANL
A50(A)
ECM

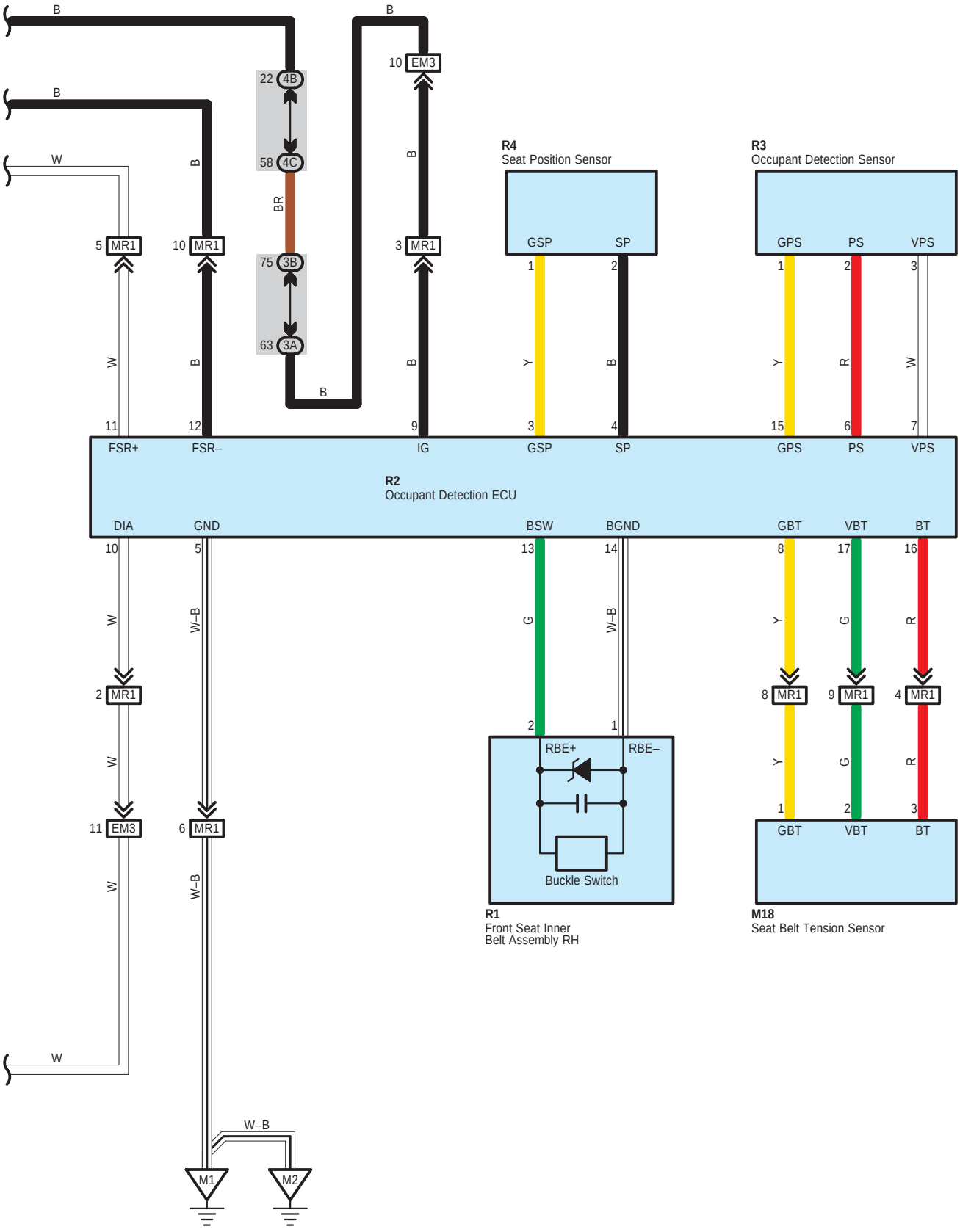
* 1 : w/ Smart Key System
* 2 : w/o Smart Key System




L15
Side Airbag Squib
Circuit LH
M7
Side Airbag Squib
Circuit RH
L14
Curtain Shield Airbag
Assembly LH
M6
Curtain Shield Airbag
Assembly RH
SFL+
SFL–
SFR+
SFR–
ICL+
ICL–
ICR+
ICR–
E14(A), L16(B), M8(C)
Center Airbag Sensor Assembly
+SL
–SL
+SR
–SR
BBL+
BBL–
BBR+
BBR–
AE4
AE8
A10
Front Airbag
Sensor LH
A21
Front Airbag
Sensor RH
L12
Side Airbag Sensor
Assembly LH
L13
Rear Airbag Sensor
Assembly LH
M4
Side Airbag Sensor
Assembly RH
M5
Rear Airbag Sensor
Assembly RH
BCL+
BCL–
BCR+
BCR–
W
B
G
R
Y
Y–B
(*3)


W
W

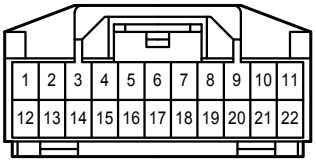

(IG)
10A
ECU–IG
NO. 2
6 2D
B
B
6 4B
44 4C
B
4
B
AIRBAG ON/OFF
Indicator
P–AB
PAON
E48
Telltale Light
Assembly
6
7
B
R
17 A
23 A
P–AB
PAON
(IG)
7. 5A
IGN
15
2C
16 2E
B
B
W
B
B
W
21 A
13 C
12 C
IG2
FSR–
FSR+
E14(A), L16(B), M8(C)
Center Airbag Sensor Assembly
E2
E1
LBE+
LBE–
LSP+
LSP–
26 A
25 A
11 B
12 B
14 B
13 B
W–B
W–B
G
B
Y–B
Y
30 2E
14 2E
17 2E
2 2E
2
4
1
3
LBE+
LBE–
LSP+
LSP–
Buckle Switch
Seat Position
Airbag Sensor
L48
Front Seat Inner Belt Assembly LH
W–B
W–B
W
W
E1
E2
* 3 : w/ Side Airbag


B
B
W
B
B
22 4B
58 4C
BR
75 3B
63 3A
B
10 EM3
B
3 MR1
5 MR1
10 MR1
W
B
B
11
12
9
FSR+
FSR–
IG
R4
Seat Position Sensor
GSP
SP
1
2
Y
B
3
4
GSP
SP
R3
Occupant Detection Sensor
GPS
PS
VPS
1
2
3
Y
R
W
15
6
7
GPS
PS
VPS
R2
Occupant Detection ECU
DIA
GND
BSW
BGND
GBT
VBT
BT
10
5
13
14
8
17
16
W
W–B
G
W–B
Y
G
R
2 MR1
8 MR1
9 MR1
4 MR1
W
Y
G
R
11 EM3
6 MR1
1
2
3
W
W–B
GBT
VBT
BT
RBE+
RBE–
Buckle Switch
R1
Front Seat Inner
Belt Assembly RH
M18
Seat Belt Tension Sensor
W
W–B
M1
M2

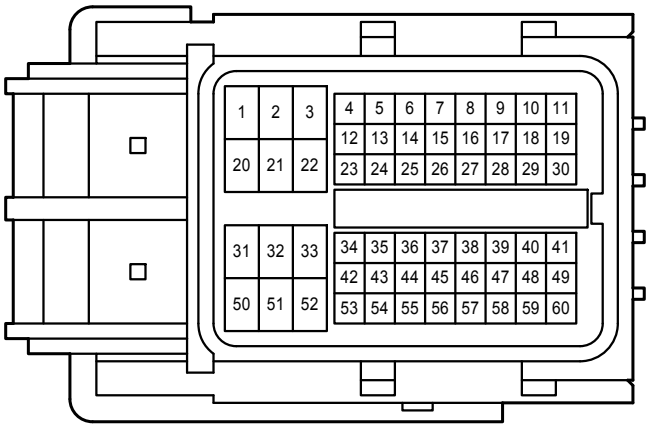
A 10
Yellow

A 21
Yellow

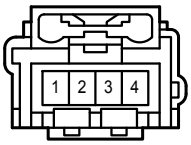
A 47
White



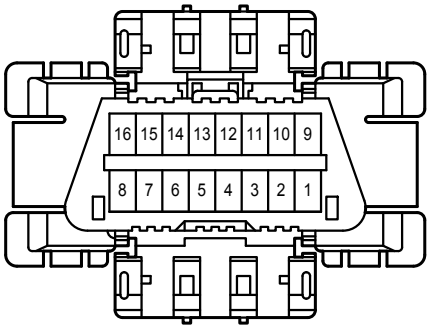
A 50
Black



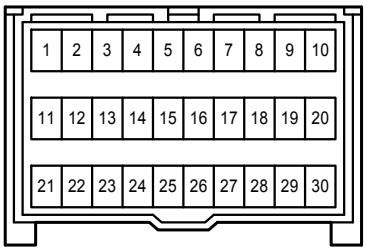
E 7
Yellow



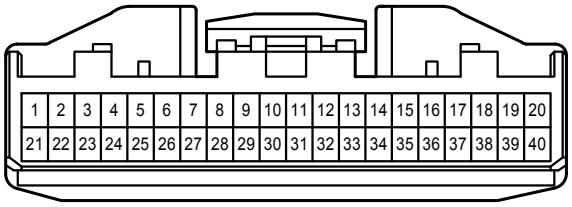
E 11
White



E 14
Yellow



E 46
White



E 48
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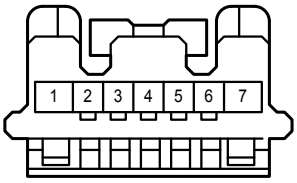
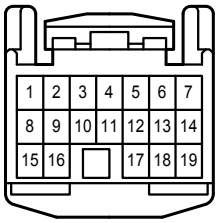
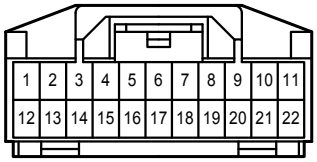


E 52
White



E 58
Gray



E 61
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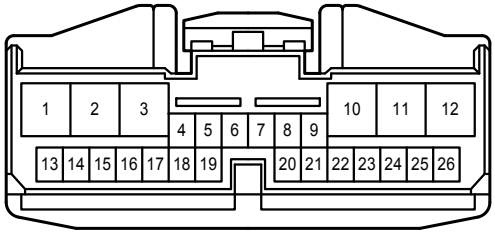
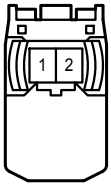
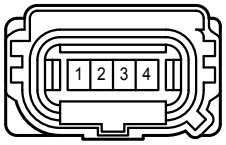


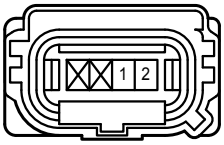
L 4
Black



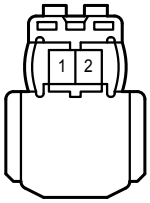
L 12
Yellow



L 13
Yellow

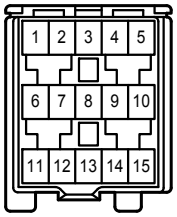


L 14
Black



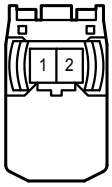
L 15
Yellow

L 16
Yellow

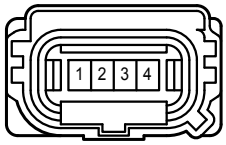


L 48
White

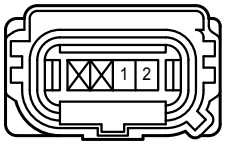
M 2
Black



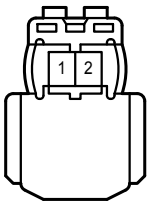
M 4
Yellow



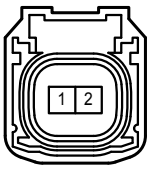
M 5
Yellow



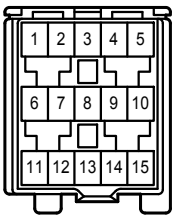
M 6
Black



M 7
Yellow



M 8
Yellow



M 18
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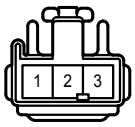
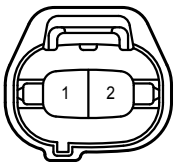
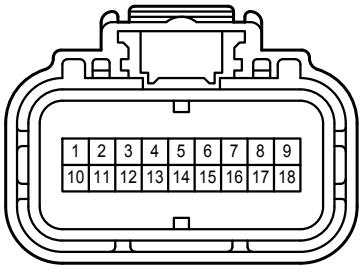


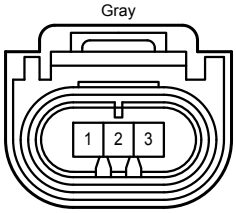
R 1
White



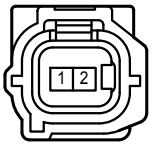
R 2
Black



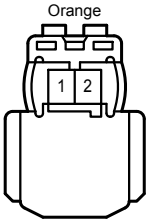
R 3
Gray



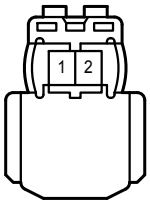
R 4
Black



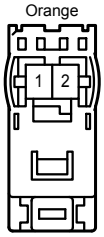
U 1
Orange



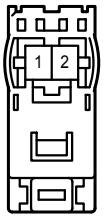
U 2
Black



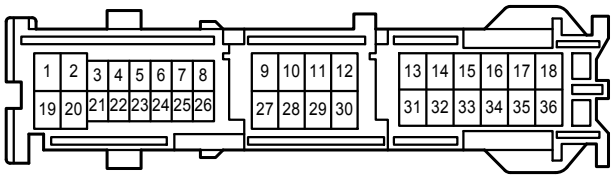
Y 3
Orange



Y 4
Black



2B
White



2C
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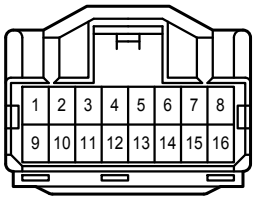

2D
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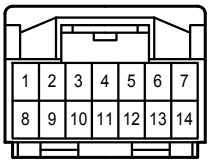
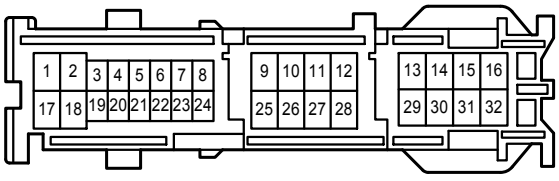


2E
White



2H
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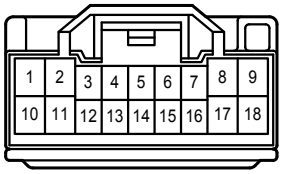
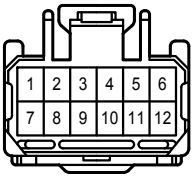
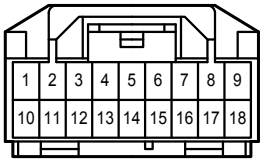


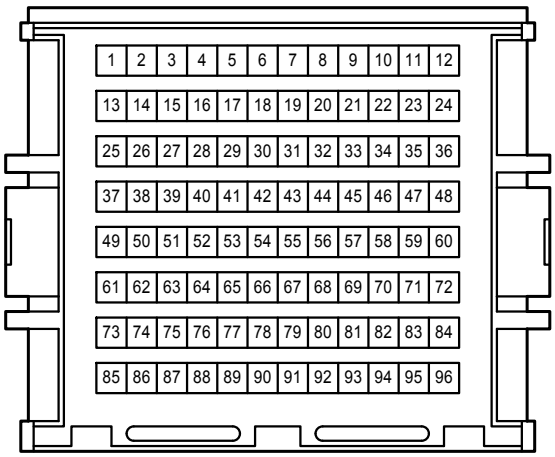
2M
White



2S
White



3A
White



3B
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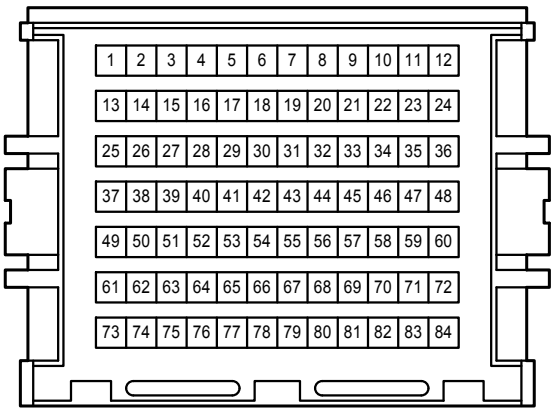
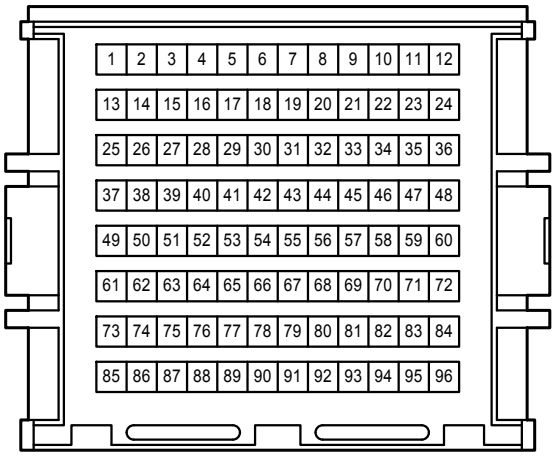


4A
White



4B
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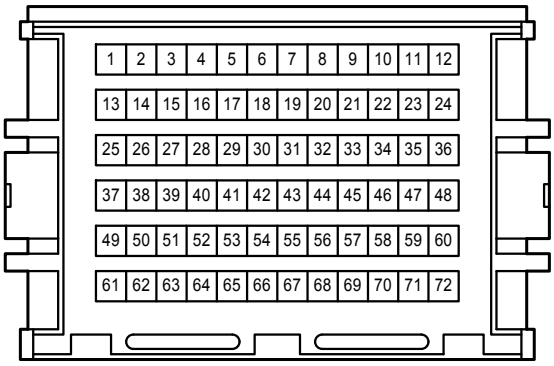

4C
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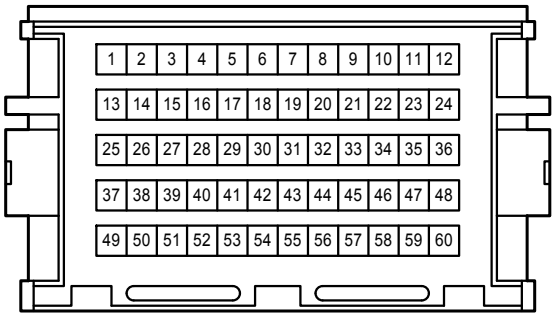
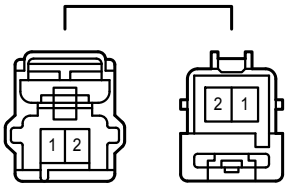
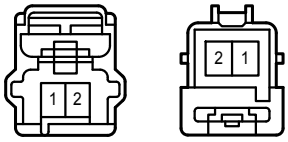


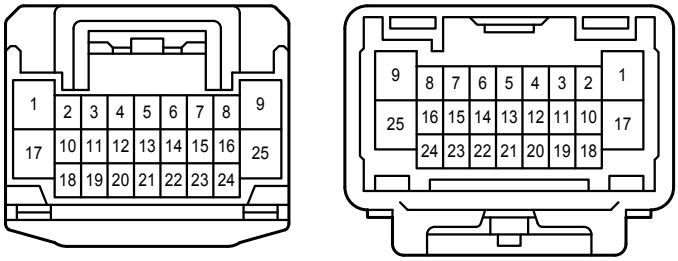
AE4
Yellow



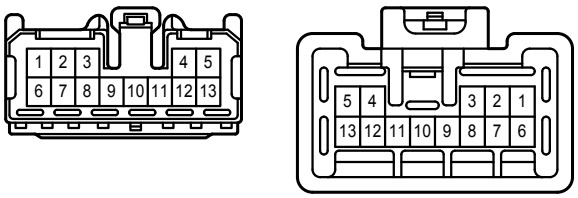
AE8
Yellow



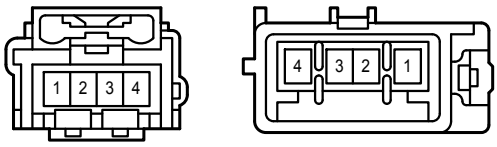
AE10
Gray



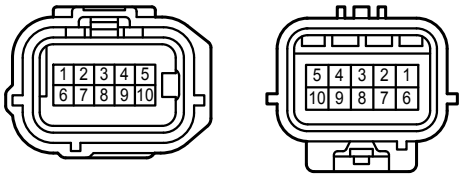
EM3
White

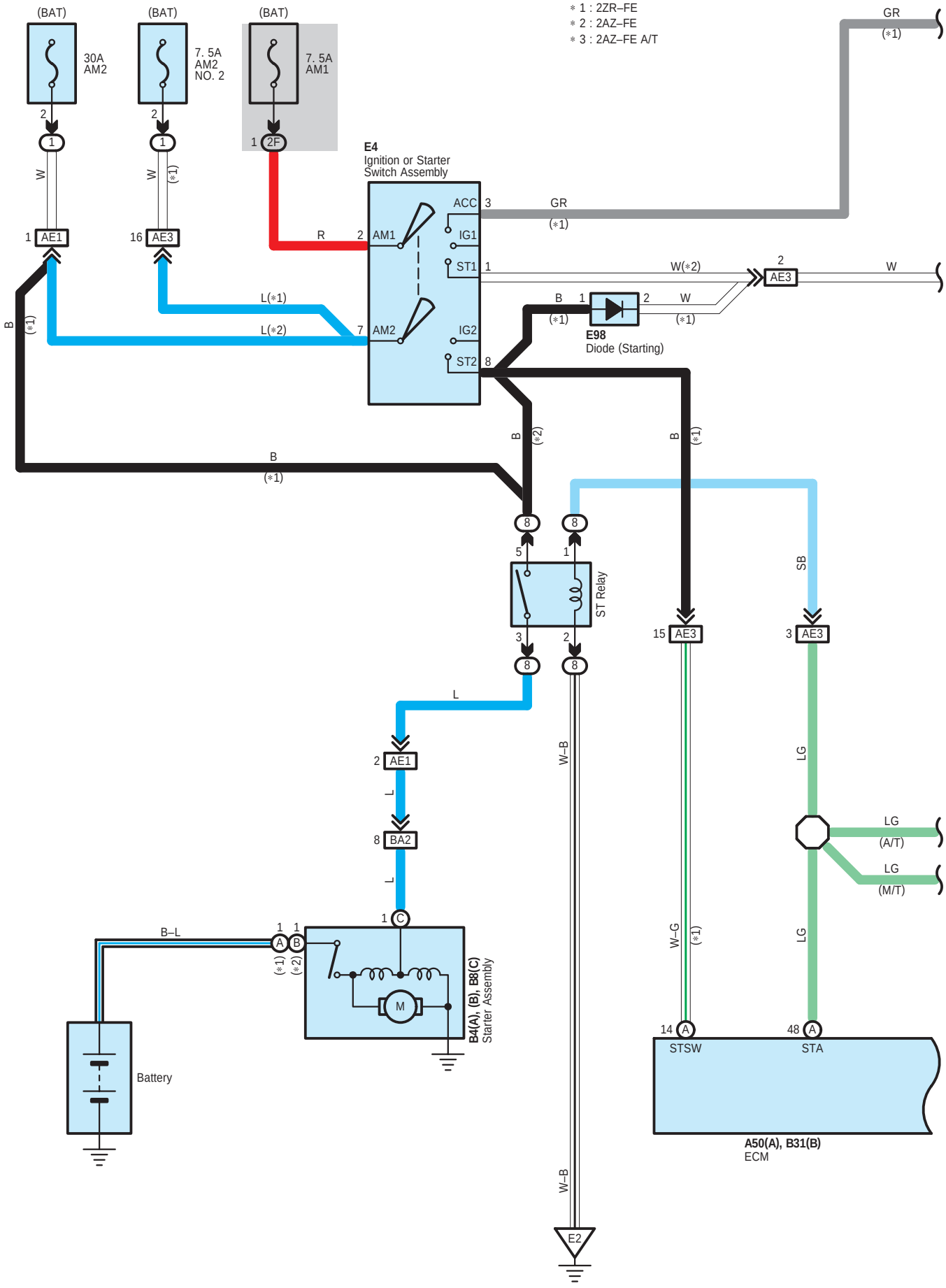


EU1
Yellow

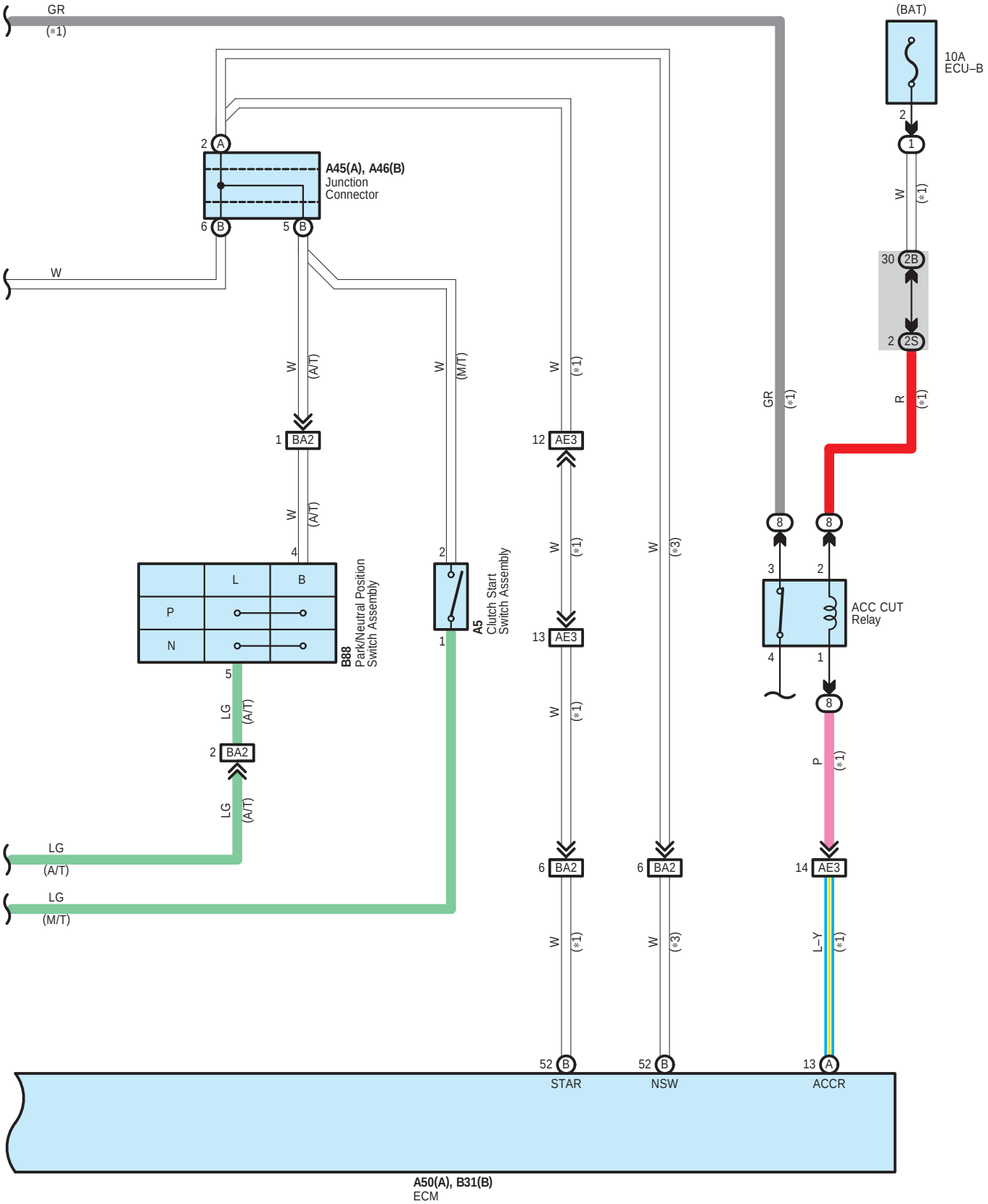


MR1
Black

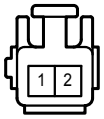




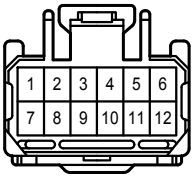
(BAT)
30A
AM2
(BAT)
7. 5A
AM2
NO. 2
(BAT)
7. 5A
AM1
∗ 1 : 2ZR–FE
∗ 2 : 2AZ–FE
∗ 3 : 2AZ–FE A/T
GR
(∗1)
E4
Ignition or Starter
Switch Assembly
ACC
IG1
ST1
IG2
ST2
AM1
AM2
AE1
AE3
W
(∗1)
R
L(∗1)
L(∗2)
B
(∗1)
W(∗2)
W
E98
Diode (Starting)
(∗2)
ST Relay
SB
L
BA2
W–B
LG
(A/T)
(M/T)
W–G
B–L
B4(A), (B), B8(C)
Starter Assembly
Battery
STSW
STA
A50(A), B31(B)
ECM
E2


GR
(*1)
(BAT)
10A
ECU–B
2
1
W
(*1)
30
2B
2
2S
R
(*1)
GR
(*1)
2
A
A45(A), A46(B)
Junction
Connector
6
B
5
B
W
W
(A/T)
W
(M/T)
W
(*1)
1
BA2
12
AE3
W
(A/T)
4
L
B
P
N
B88
Park/Neutral Position
Switch Assembly
2
1
A5
Clutch Start
Switch Assembly
W
(*1)
13
AE3
W
(*3)
8
8
3
2
ACC CUT
Relay
4
1
8
5
LG
(A/T)
2
BA2
LG
(A/T)
P
(*1)
LG
(A/T)
LG
(M/T)
W
(*1)
6
BA2
6
BA2
14
AE3
W
(*1)
W
(*3)
L–Y
(*1)
52
B
STAR
52
B
NSW
13
A
ACCR
A50(A), B31(B)
ECM

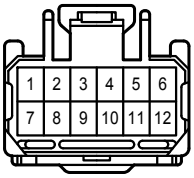
A 5
Black



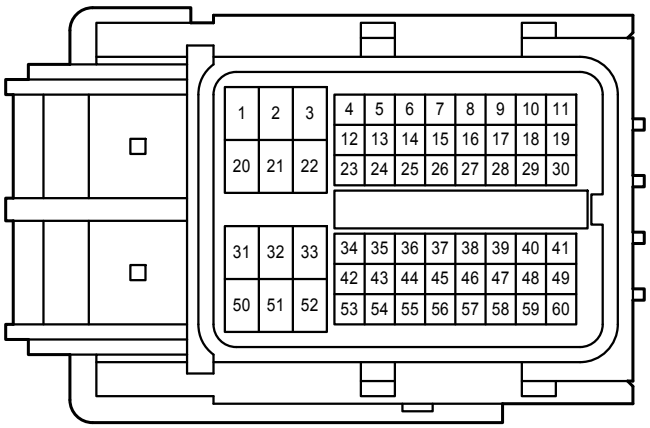
A 45
White



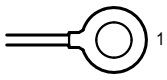
A 46
White



A 50
Black

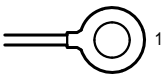


B 4



(2AZ-FE)

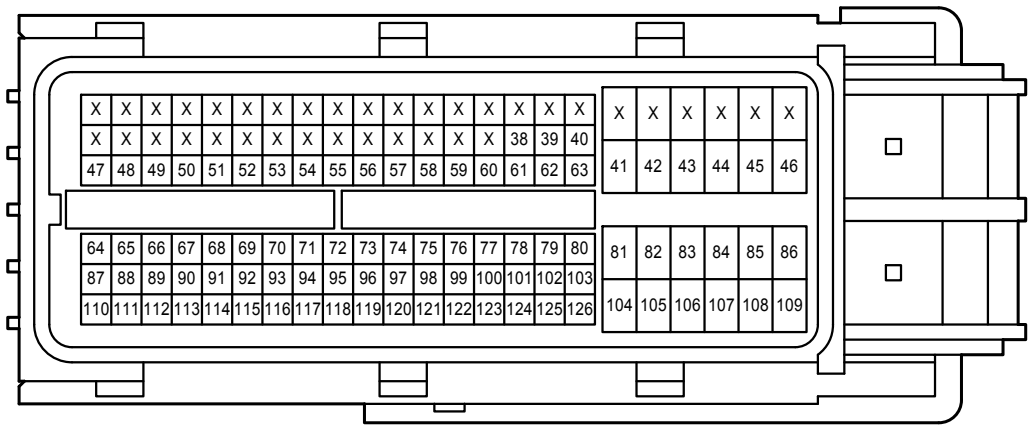
B 4



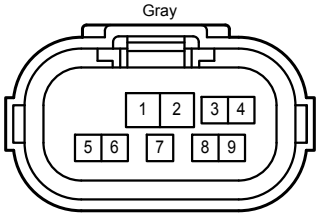
(2ZR-FE)

B 8
Black

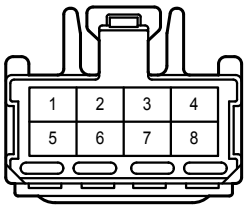
B 31
Black



B 88
Gray

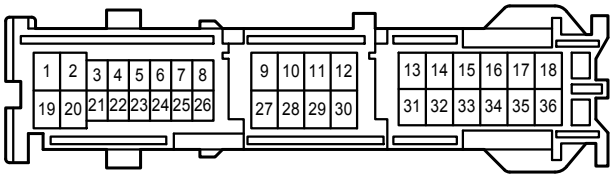


E 4
White

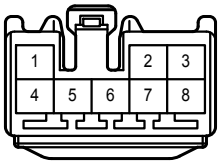


E 98
Black

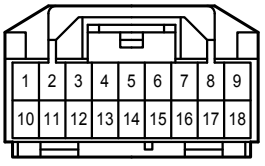
2B
White

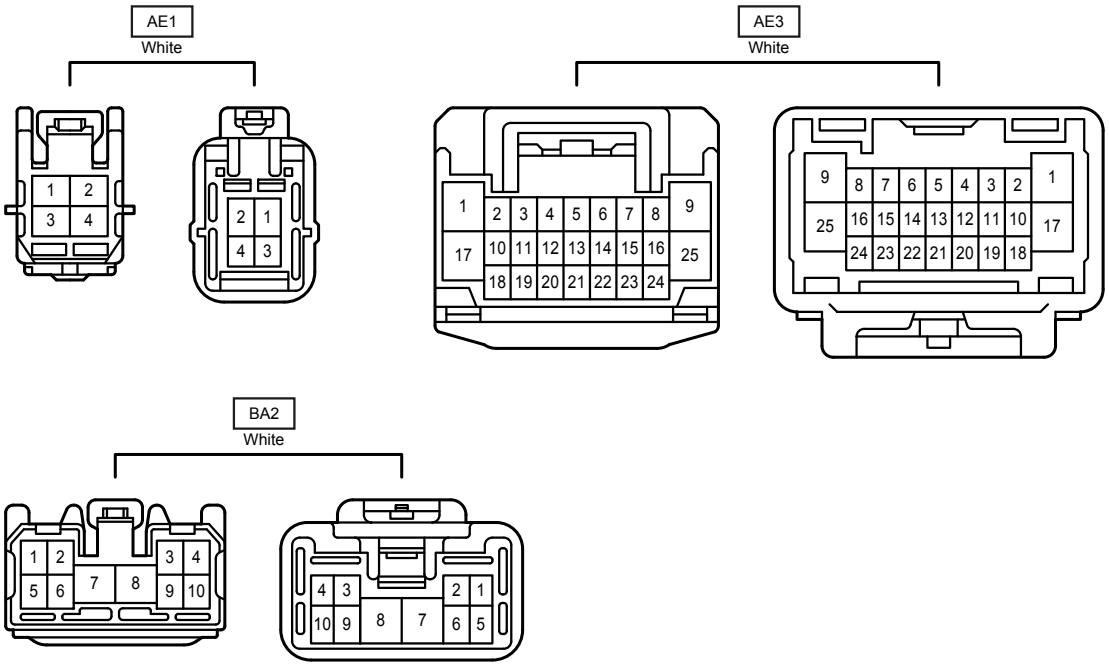


2F
White

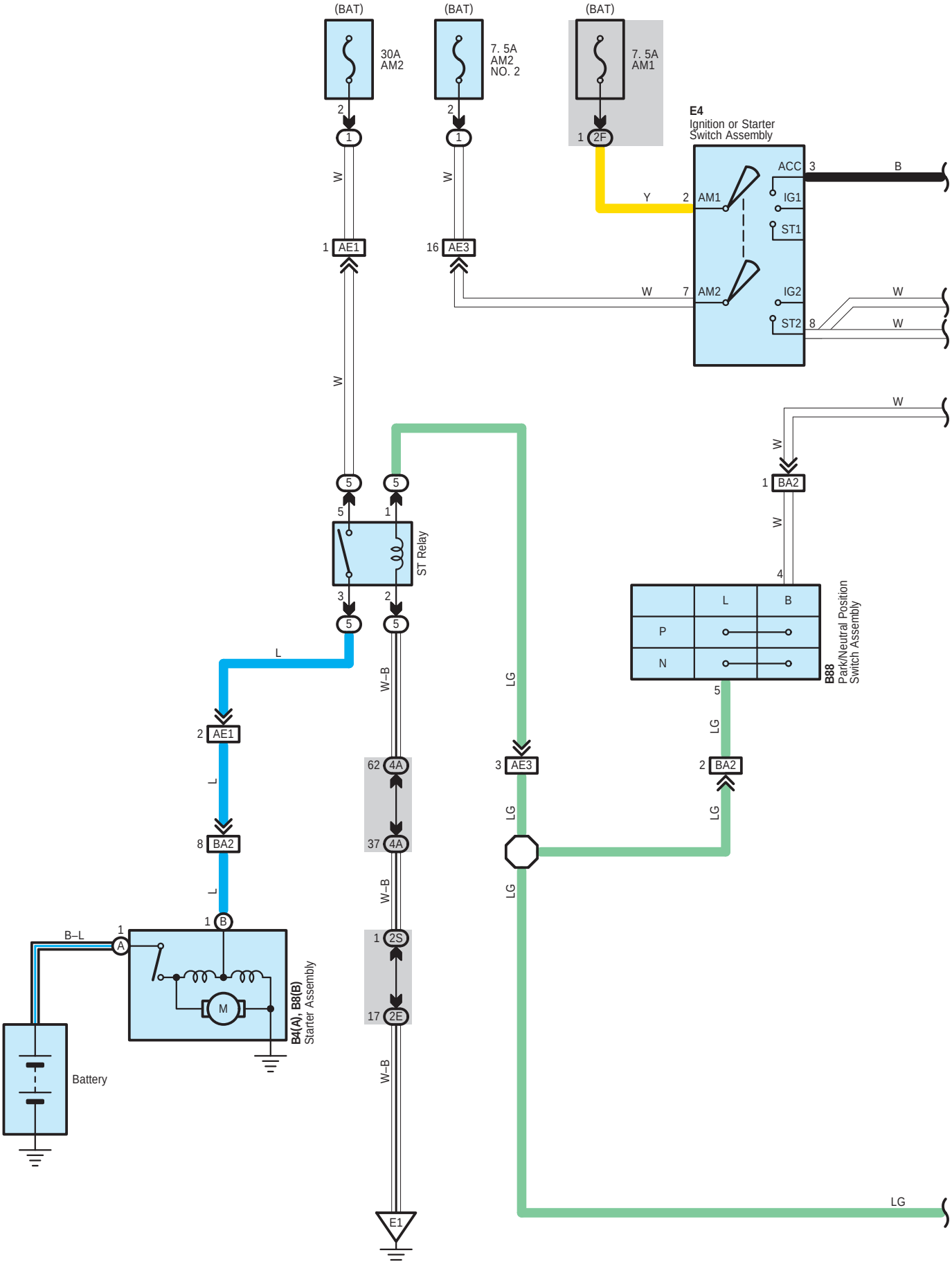


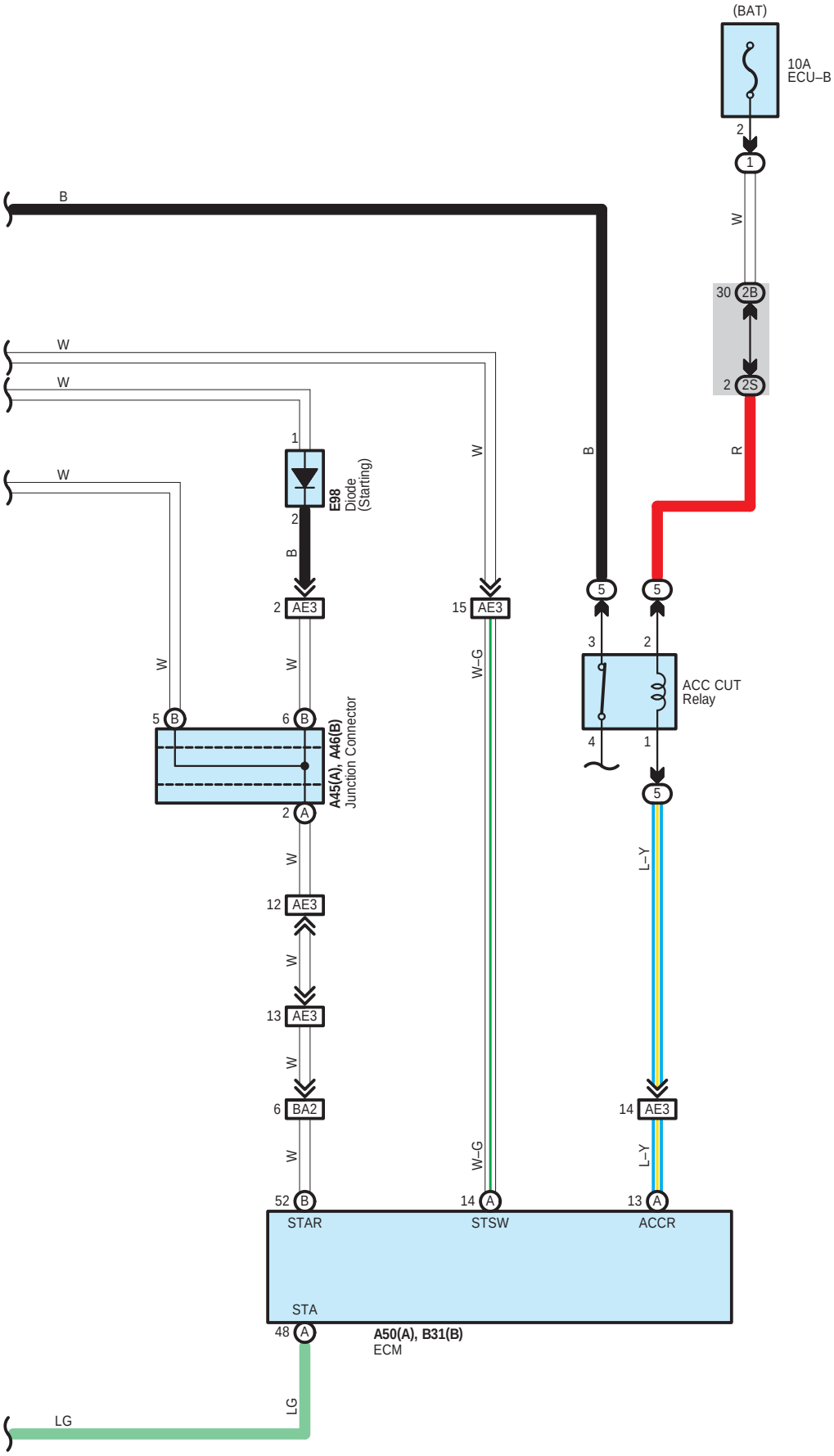
2S
White



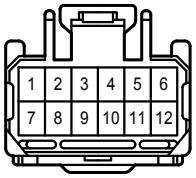

AE1
White
1 2
3 4
2 1
4 3
AE3
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18

BA2
White
1 2 3 4
5 6 7 8 9 10
4 3 2 1
10 9 8 7 6 5

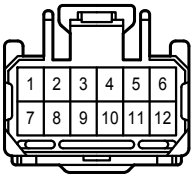

(BAT)
30A
AM2
(BAT)
7. 5A
AM2
NO. 2
(BAT)
7. 5A
AM1
E4
Ignition or Starter
Switch Assembly
ACC
IG1
ST1
IG2
ST2
AM1
AM2
AE1
AE3
BA2
ST Relay
B88
Park/Neutral Position
Switch Assembly
P
N
L
B
W
W–B
LG
B–L
B4(A), B8(B)
Starter Assembly
Battery
M
E1


(BAT)
10A
ECU–B
2
1
W
30
2B
2
2S
R
B
W
W
W
W
1
E98
Diode
(Starting)
2
B
2
AE3
15
AE3
W
W
W–G
5
5
3
2
ACC CUT
Relay
4
1
5
5
B
6
B
A45(A), A46(B)
Junction Connector
2
A
W
L–Y
12
AE3
W
13
AE3
W
6
BA2
14
AE3
W
W–G
L–Y
52
B
14
A
13
A
STAR
STSW
ACCR
STA
48
A
A50(A), B31(B)
ECM
LG
LG

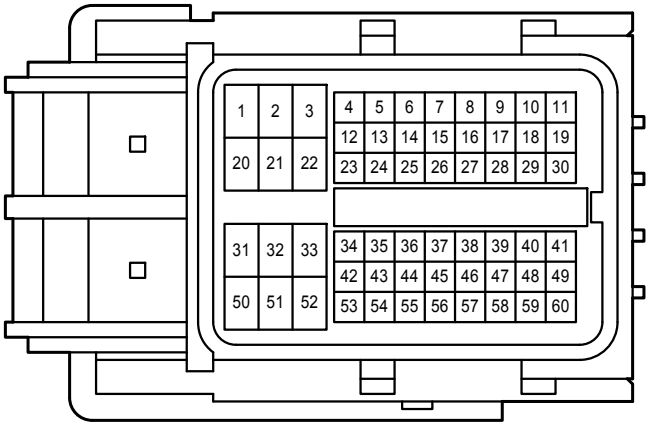
A 45
White



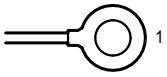
A 46
White



A 50
Black



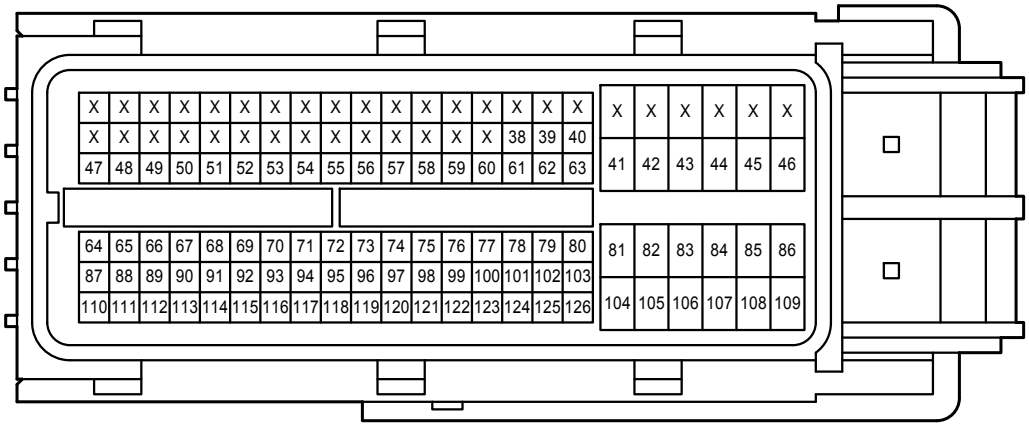
B 4



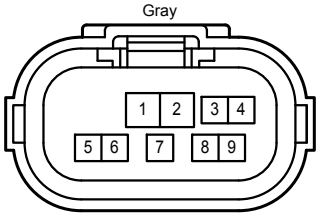
(2ZR-FE)

B 8
Black

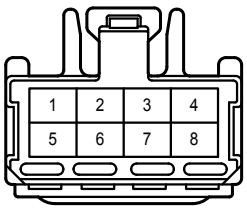
B 31
Black



B 88
Gray

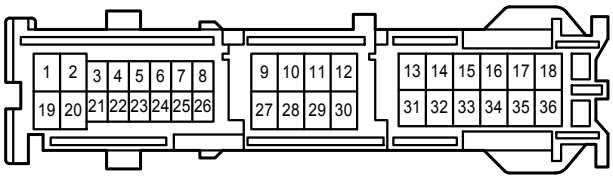


E 4
White

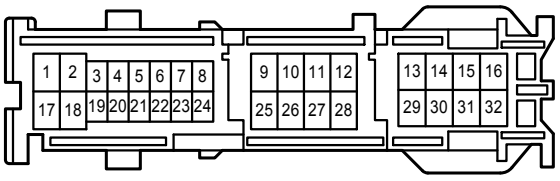


E 98
Black

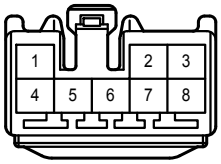
2B
White



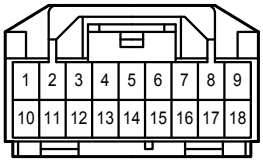
2E
White



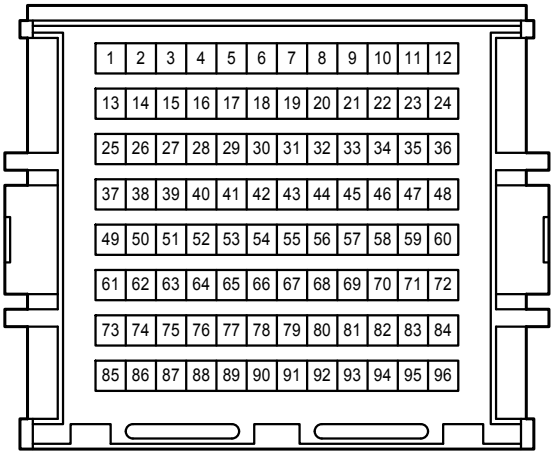
2F
White



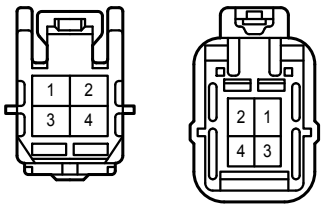
2S
White



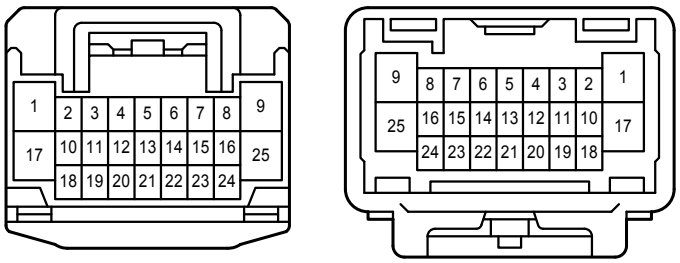
4A
White



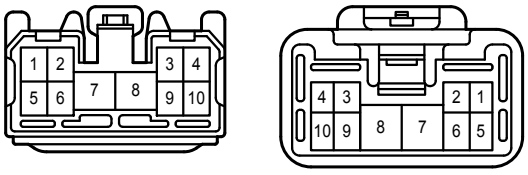
AE1
White

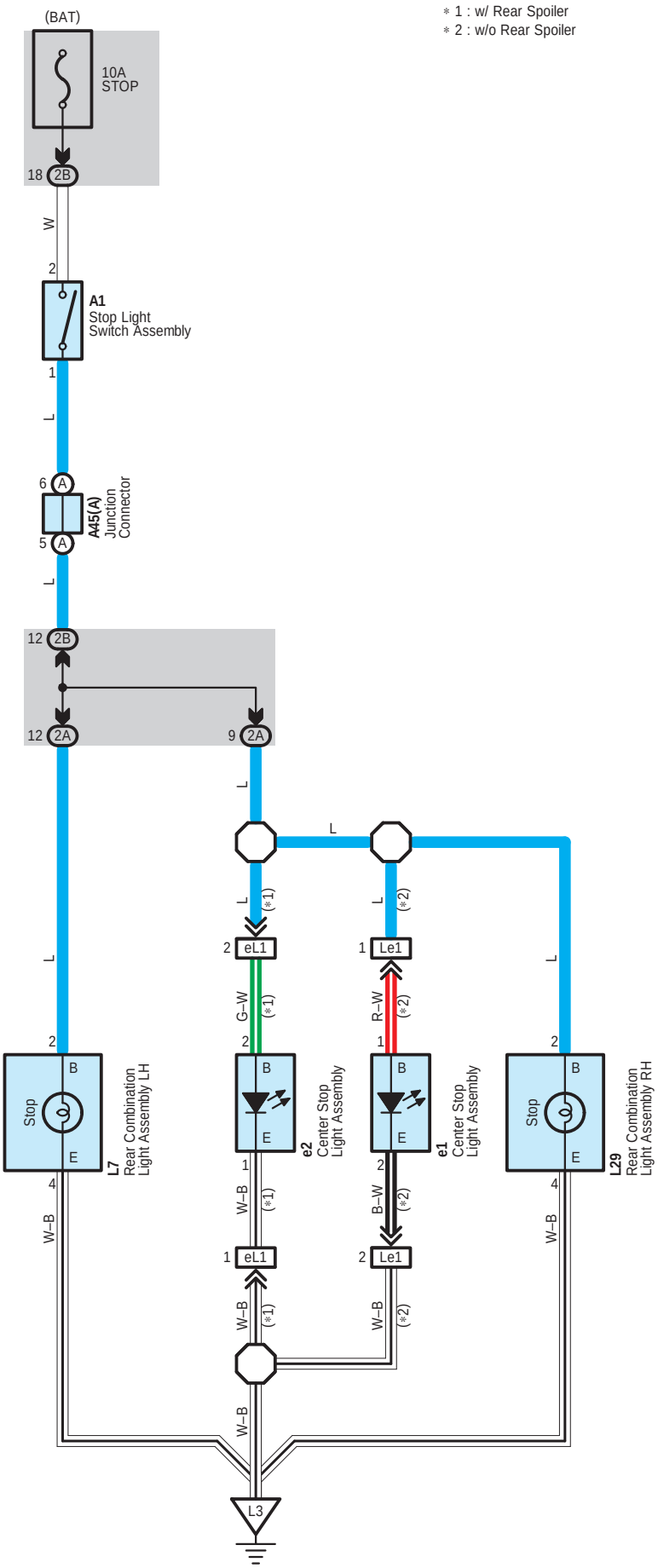


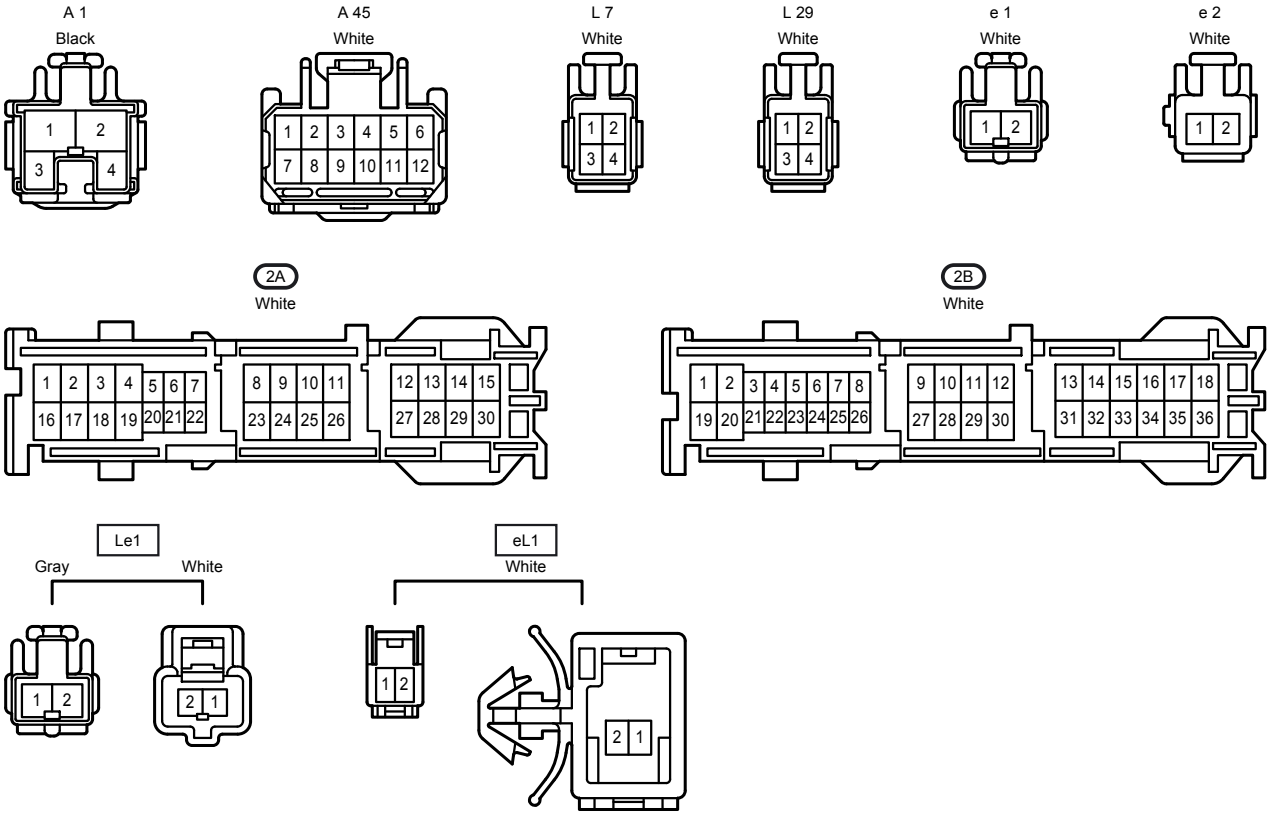
AE3
White

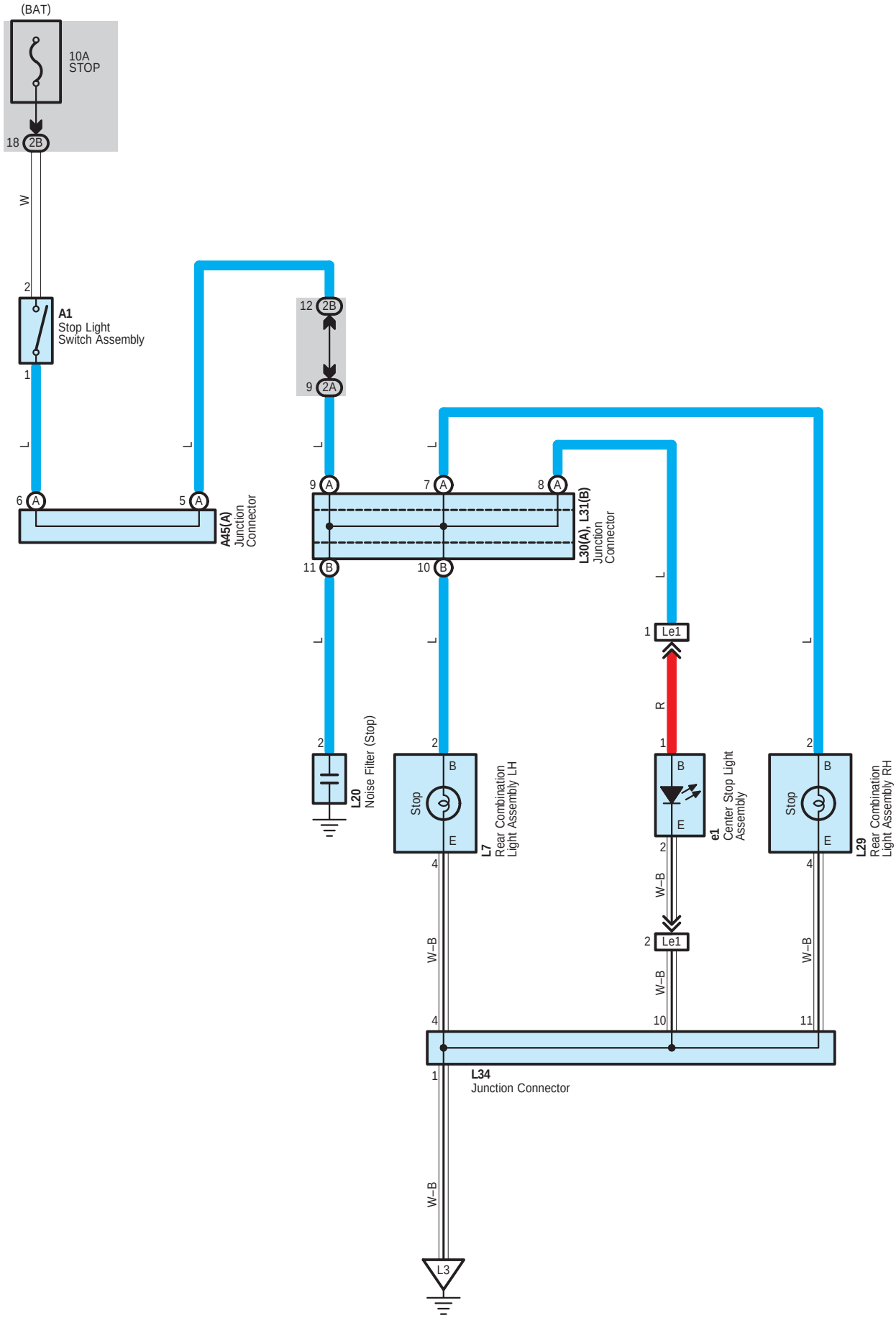


BA2
White

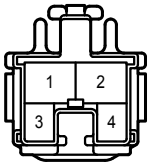



∗ 1 : w/ Rear Spoiler
∗ 2 : w/o Rear Spoiler
(BAT)
10A
STOP
18 2B
W
2
A1
Stop Light
Switch Assembly
1
L
6 A
A45(A)
Junction
Connector
5 A
L
12 2B
12 2A
9 2A
L
L
L (∗1)
L (∗2)
2 eL1
1 Le1
G–W (∗1)
R–W (∗2)
2
1
B
Stop
E
L7
Rear Combination
Light Assembly LH
B
E
e2
Center Stop
Light Assembly
B
E
e1
Center Stop
Light Assembly
B
Stop
E
L29
Rear Combination
Light Assembly RH
4
W–B
1
W–B (∗1)
2
B–W (∗2)
4
W–B
1 eL1
2 Le1
W–B (∗1)
W–B (∗2)
W–B
L3

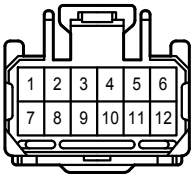

A 1
Black
1 2 3 4
A 45
White
1 2 3 4 5 6
7 8 9 10 11 12
L 7
White
1 2
3 4
L 29
White
1 2
3 4
e 1
White
1 2
e 2
White
1 2
2A
White
1 2 3 4 5 6 7
16 17 18 19 20 21 22
8 9 10 11
23 24 25 26
12 13 14 15
27 28 29 30
2B
White
1 2 3 4 5 6 7 8
19 20 21 22 23 24 25 26
9 10 11 12
27 28 29 30
13 14 15 16 17 18
31 32 33 34 35 36
Le1
Gray
White
1 2
2 1
eL1
White
1 2
2 1


(BAT)
10A
STOP
18 2B
W
2
A1
Stop Light
Switch Assembly
1
L
6 A
5 A
A45(A)
Junction
Connector
12 2B
9 2A
9 A
7 A
8 A
11 B
10 B
L30(A), L31(B)
Junction
Connector
1 Le1
R
2
L20
Noise Filter (Stop)
2
Stop
B
E
L7
Rear Combination
Light Assembly LH
1
B
E
e1
Center Stop Light
Assembly
2
Stop
B
E
L29
Rear Combination
Light Assembly RH
4
W–B
2 Le1
4
10
11
L34
Junction Connector
1
W–B
L3

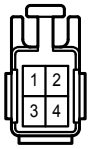
A 1
Black



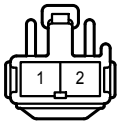
A 45
White



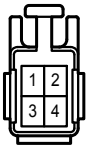
L 7
White



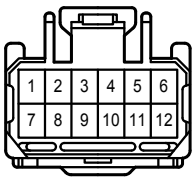
L 20
White



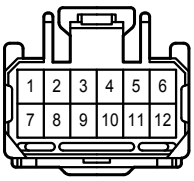
L 29
White



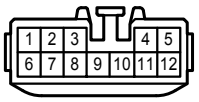
L 30
White



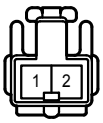
L 31
White



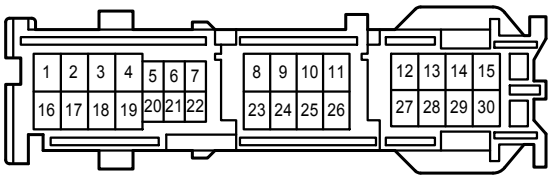
L 34
Blue



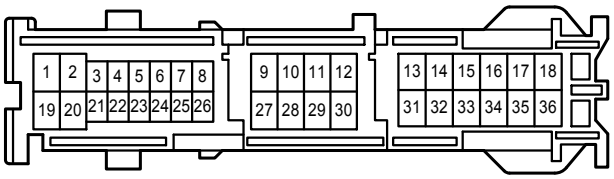
e 1
White



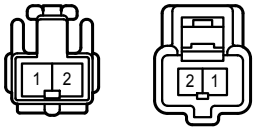
2A
White

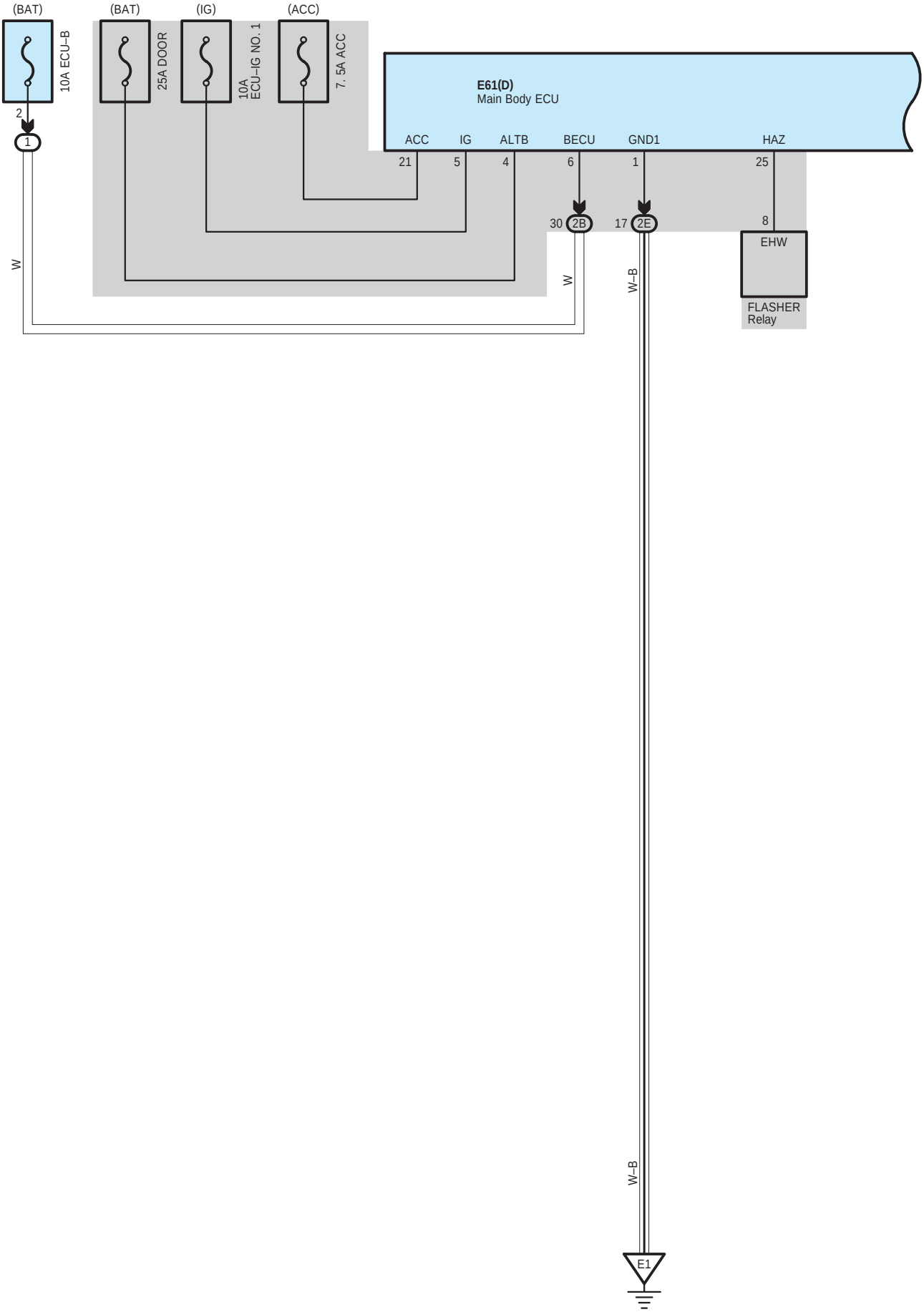


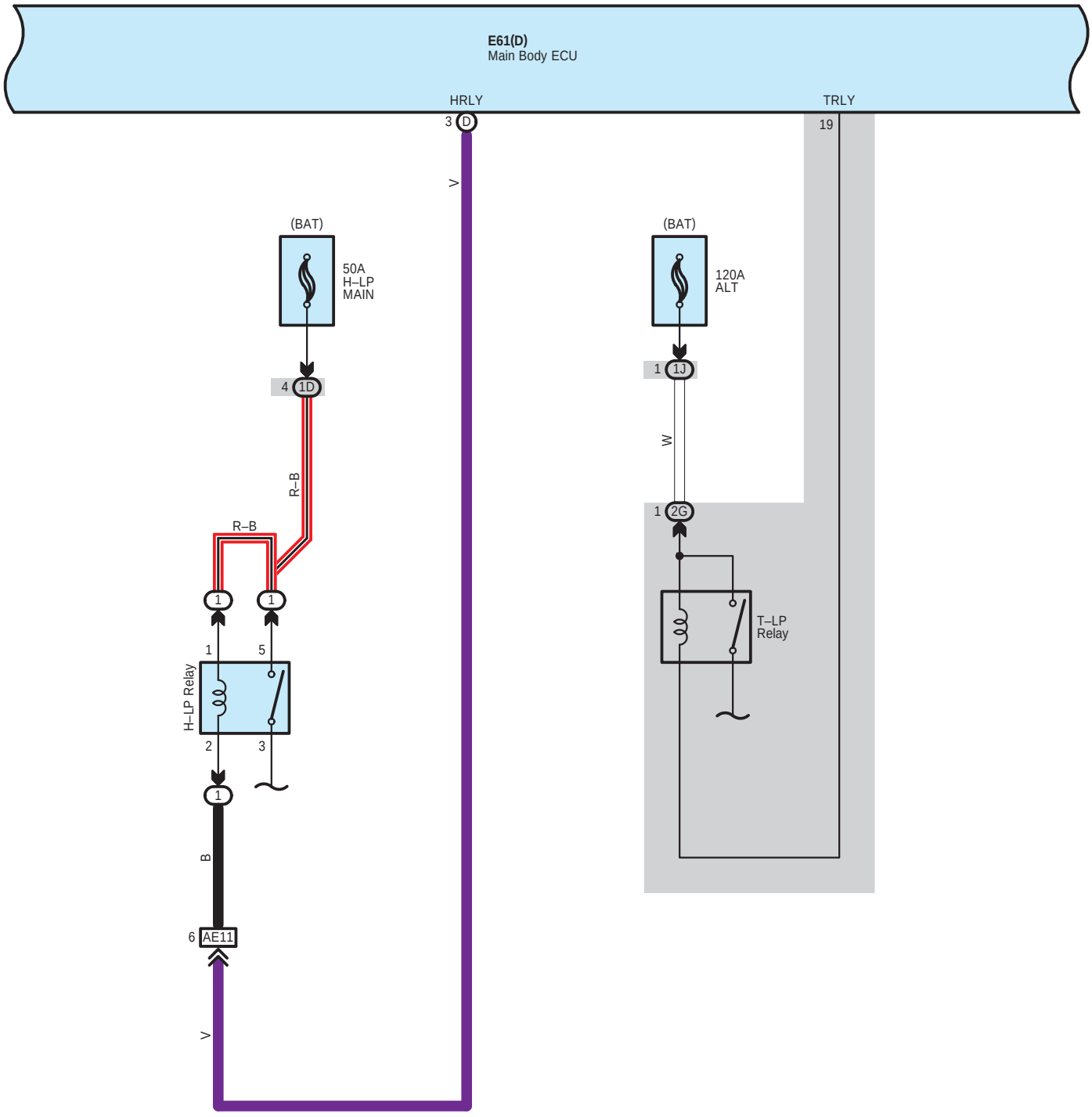
2B
White



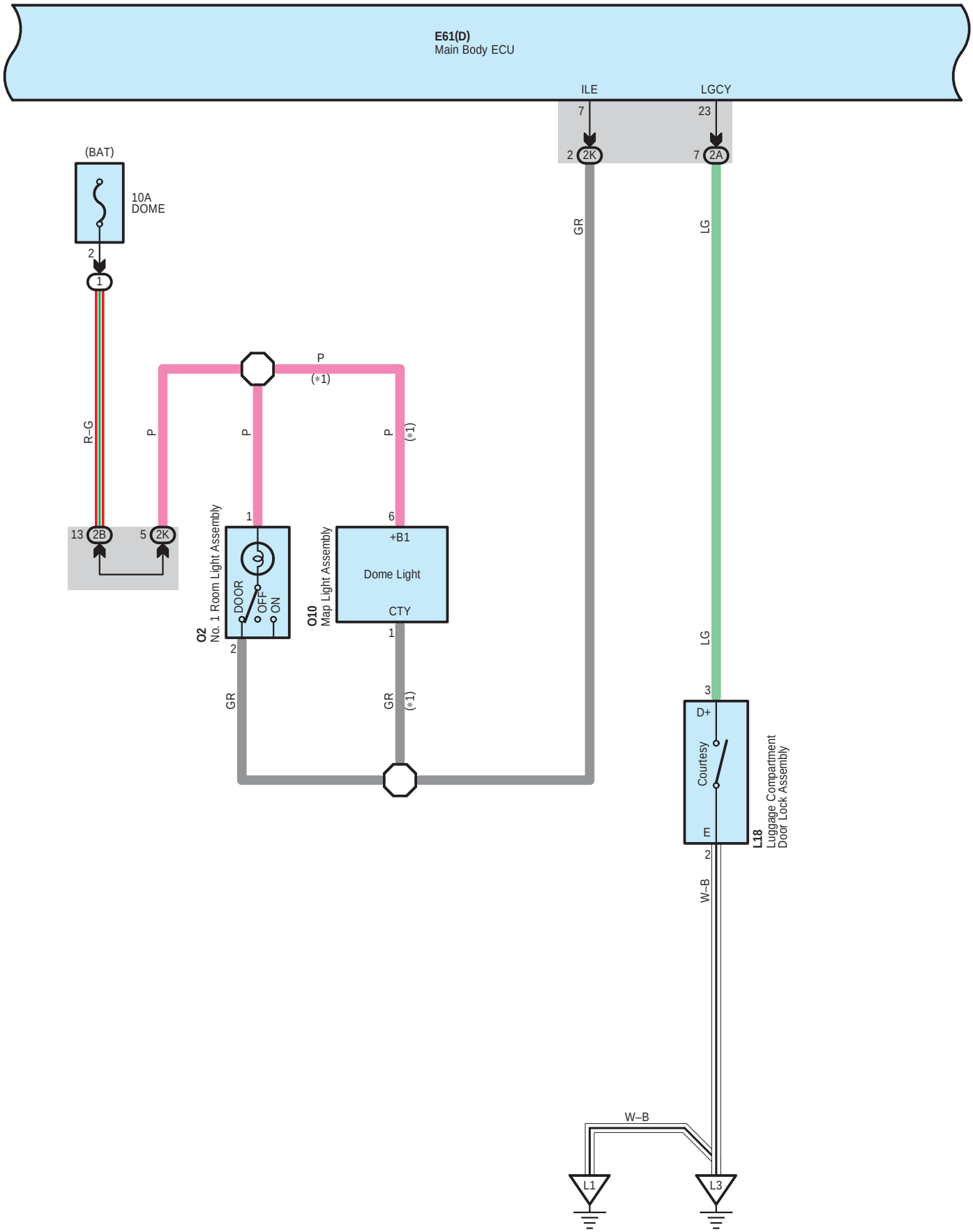
Le1
Gray White

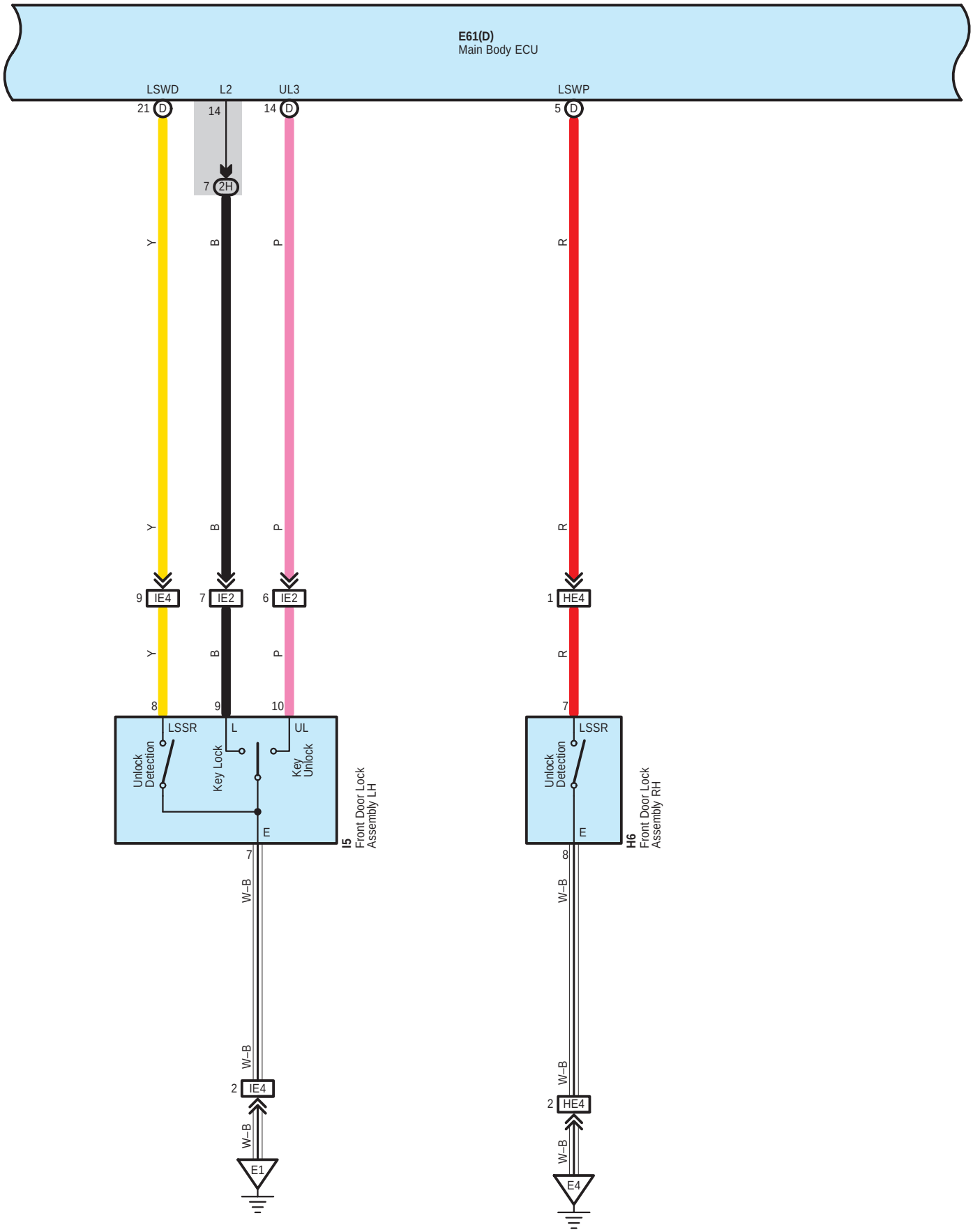


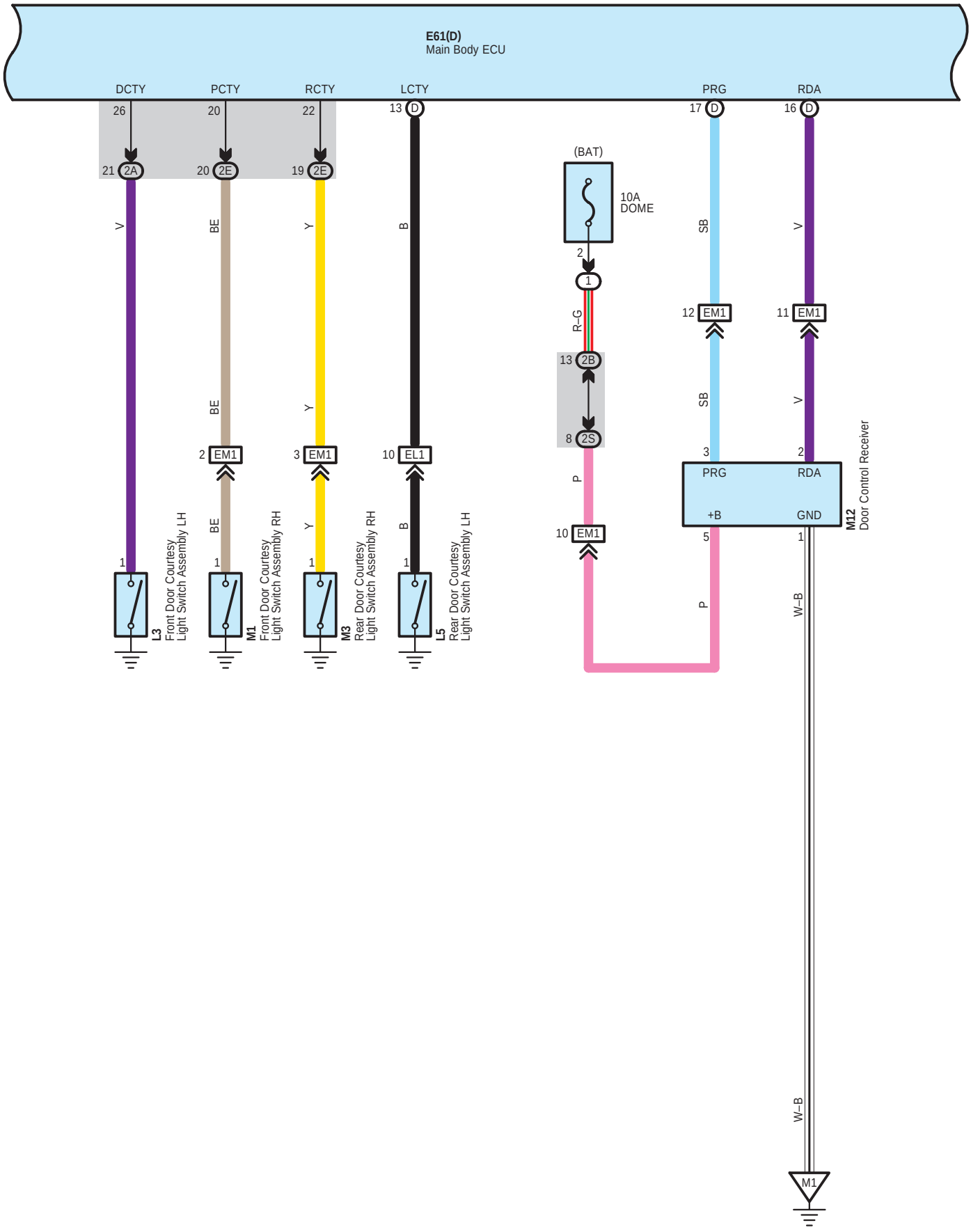

(BAT)
(BAT)
(IG)
(ACC)
10A ECU–B
25A DOOR
10A ECU–IG NO. 1
7. 5A ACC
E61(D)
Main Body ECU
ACC
IG
ALTB
BECU
GND1
HAZ
21
5
4
6
1
25
2
1
30
2B
17
2E
8
EHW
FLASHER Relay
W
W
W–B
W–B
E1

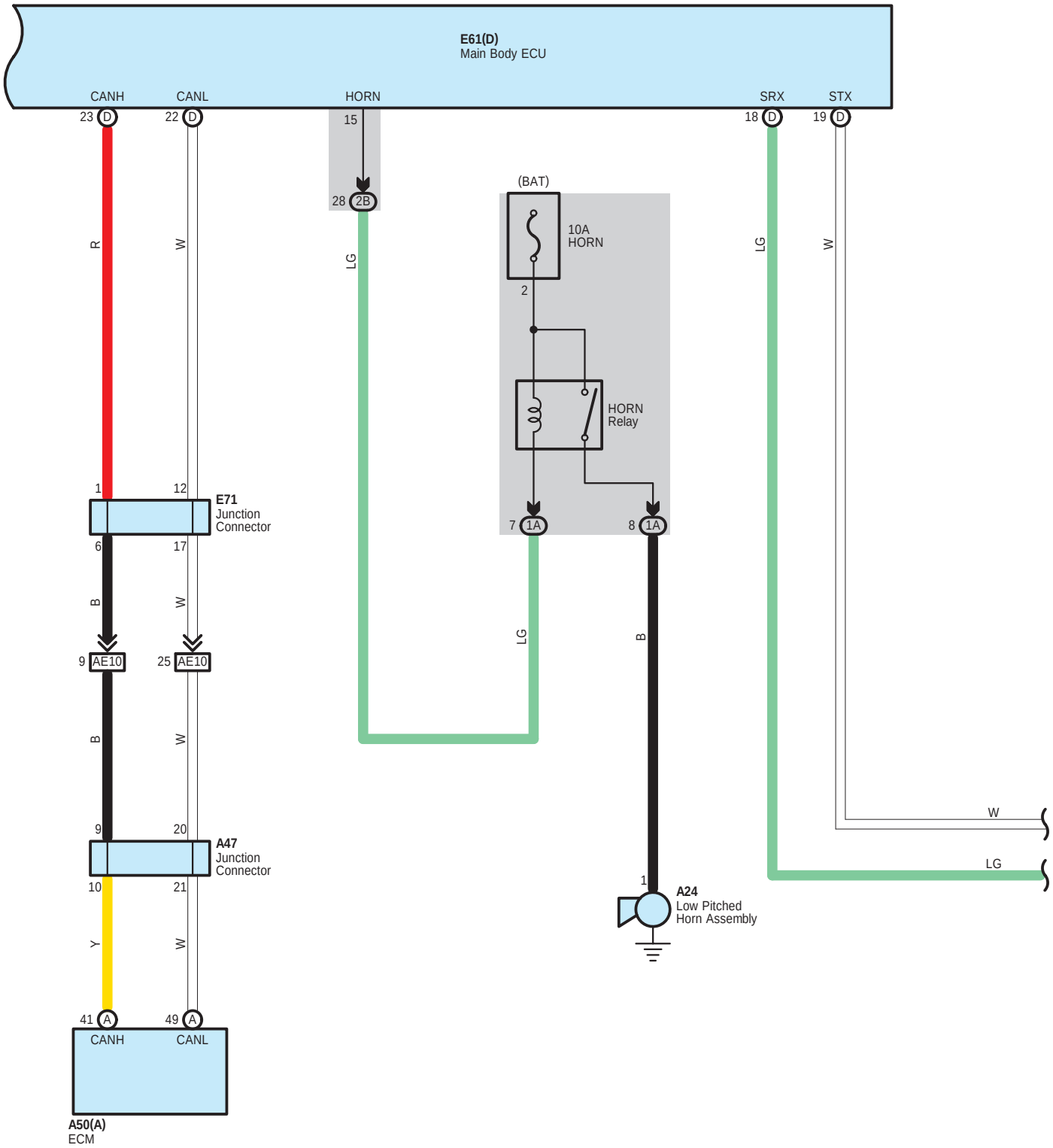

E61(D)
Main Body ECU
HRLY
3 D
V
TRLY
19
(BAT)
50A
H–LP
MAIN
4 1D
R–B
R–B
1
1
1
5
H–LP Relay
2
3
1
B
6 AE11
V
(BAT)
120A
ALT
1 1J
W
1 2G
T–LP
Relay

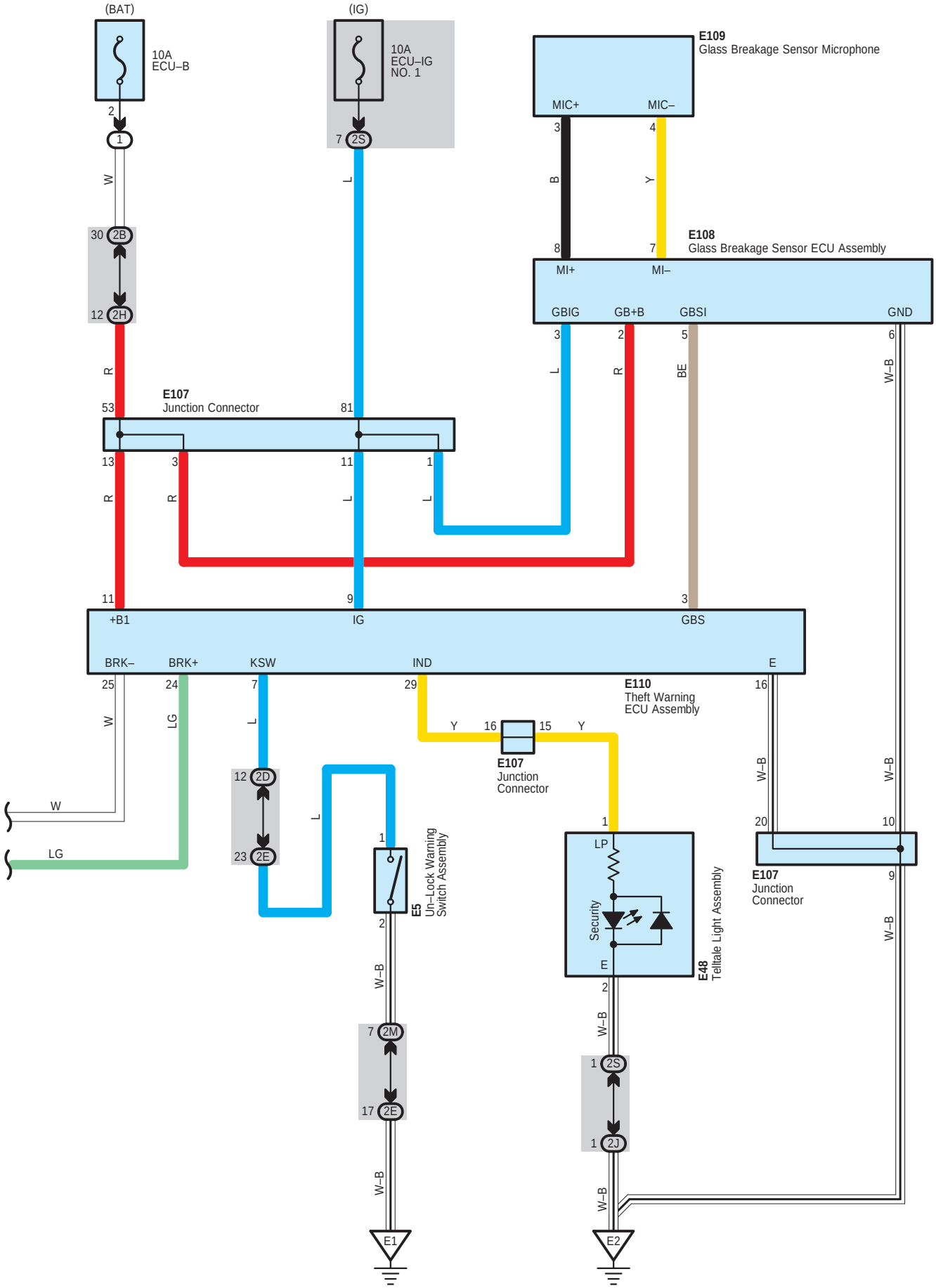
∗1 : w/ Sliding Roof



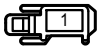

E61(D)
Main Body ECU
LSWD
L2
UL3
LSWP
21 D
14
14 D
5 D
7 2H
Y
B
P
R
9 IE4
7 IE2
6 IE2
1 HE4
8
9
10
7
LSSR
L
UL
LSSR
Unlock Detection
Key Lock
Key Unlock
Unlock Detection
E
I5
Front Door Lock Assembly LH
H6
Front Door Lock Assembly RH
7
8
W–B
2 IE4
2 HE4
E1
E4


E61(D)
Main Body ECU
DCTY
PCTY
RCTY
LCTY
PRG
RDA
26
21 2A
20
20 2E
22
19 2E
13 D
17 D
16 D
(BAT)
10A
DOME
2
1
R–G
13 2B
8 2S
P
10 EM1
SB
12 EM1
SB
3
V
11 EM1
V
2
PRG
RDA
+B
GND
5
1
P
W–B
W–B
M1
V
BE
BE
2 EM1
BE
1
L3
Front Door Courtesy
Light Switch Assembly LH
Y
Y
3 EM1
Y
1
M3
Rear Door Courtesy
Light Switch Assembly RH
B
B
10 EL1
1
L5
Rear Door Courtesy
Light Switch Assembly LH
M12
Door Control Receiver

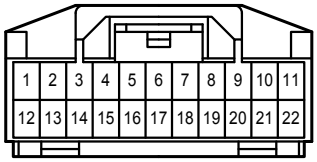

E61(D)
Main Body ECU
CANH
CANL
HORN
SRX
STX
23 D
22 D
15
18 D
19 D
28 2B
(BAT)
10A
HORN
2
HORN
Relay
7 1A
8 1A
R
W
LG
LG
W
1
12
E71
Junction
Connector
6
17
B
W
9 AE10
25 AE10
B
W
9
20
A47
Junction
Connector
10
21
Y
W
41 A
49 A
CANH
CANL
A50(A)
ECM
LG
B
1
A24
Low Pitched
Horn Assembly
W
LG


(BAT)
10A
ECU–B
(IG)
10A
ECU–IG
NO. 1
E109
Glass Breakage Sensor Microphone
MIC+
MIC–
E108
Glass Breakage Sensor ECU Assembly
MI+
MI–
GBIG
GB+B
GBSI
GND
E107
Junction Connector
+B1
IG
GBS
BRK–
BRK+
KSW
IND
E
E110
Theft Warning
ECU Assembly
E107
Junction
Connector
E5
Un–Lock Warning
Switch Assembly
E48
Telltale Light Assembly
Security
LP
E1
E2

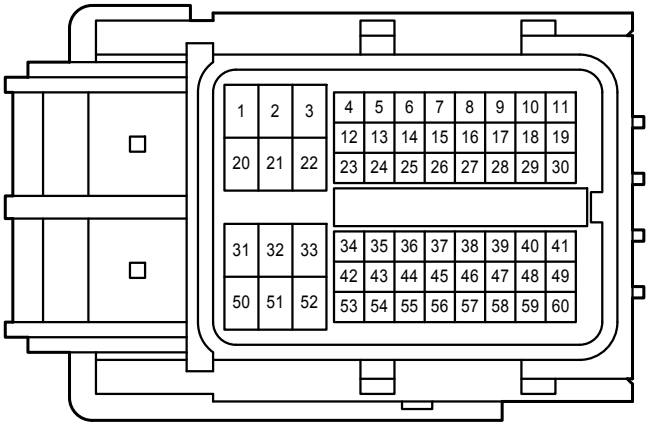
A 24
Black



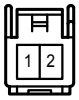
A 47
White



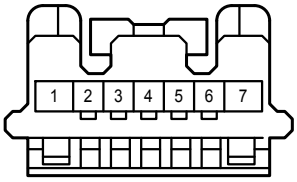
A 50
Black



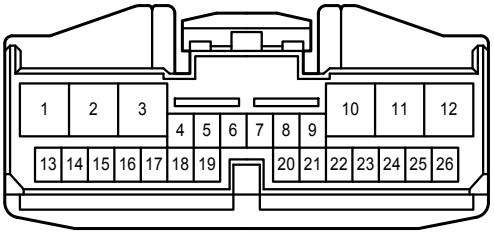
E 5
White



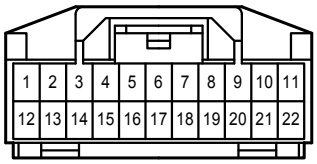
E 48
Black



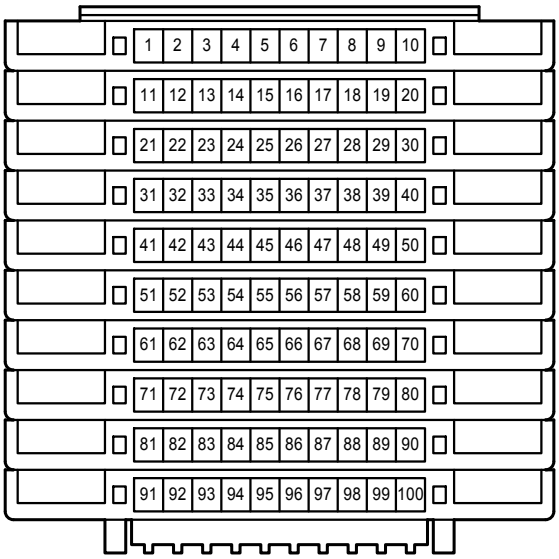
E 61
White



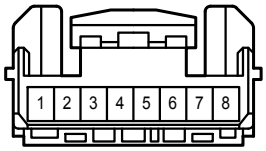
E 71
White



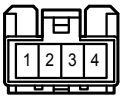
E107
White



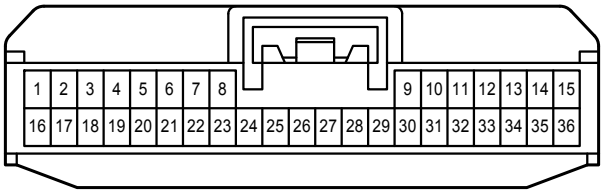
E108
White



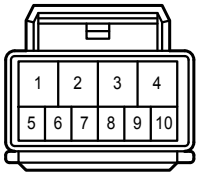
E109
White



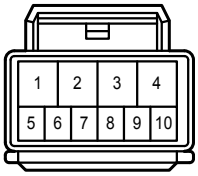
E110
White



H 6
White



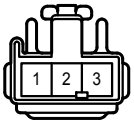
I 5
White



L 3
Black

L 5
Black

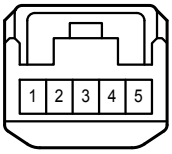
L 18
Black



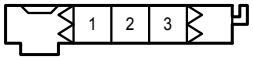
M 1
Black

M 3
Black

M 12
White



O 2
White



O 10
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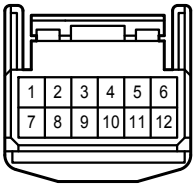

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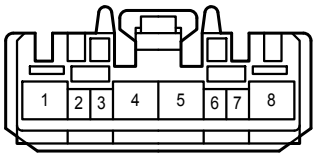

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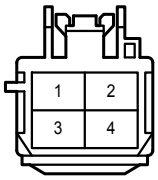

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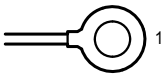

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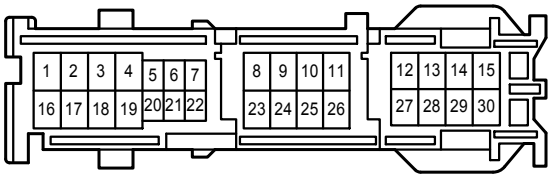

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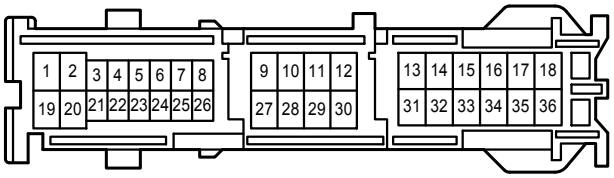

2D
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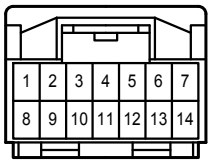

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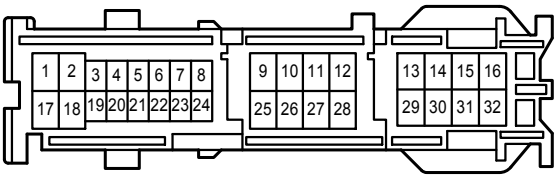

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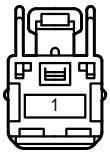

2H
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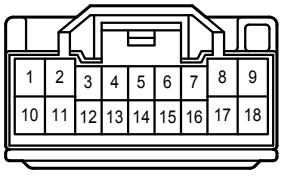

2J
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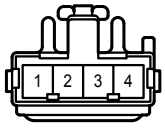

2K
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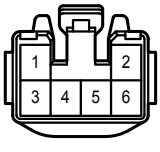

2M
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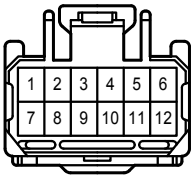
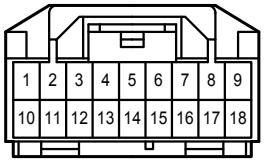


2S
White



AE10
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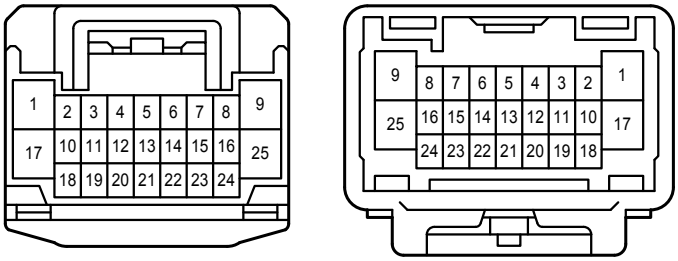

AE11
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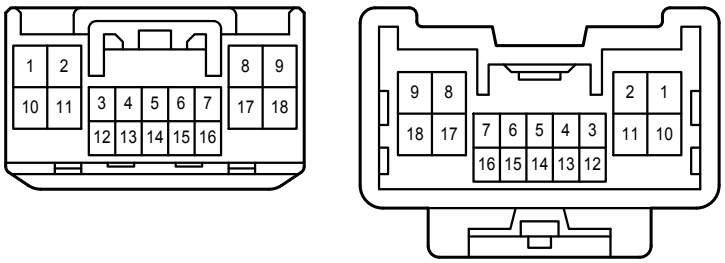

EL1
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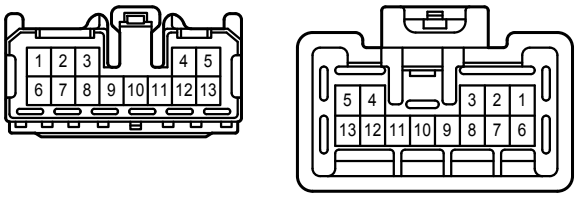

EM1
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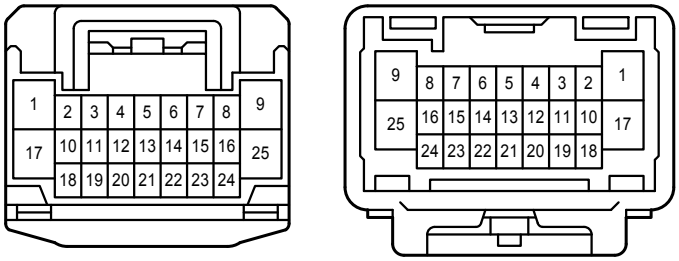

HE4
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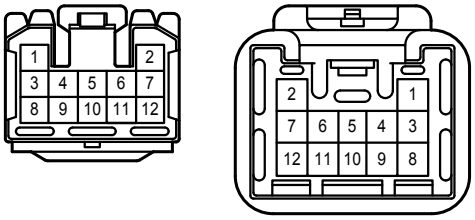

IE2
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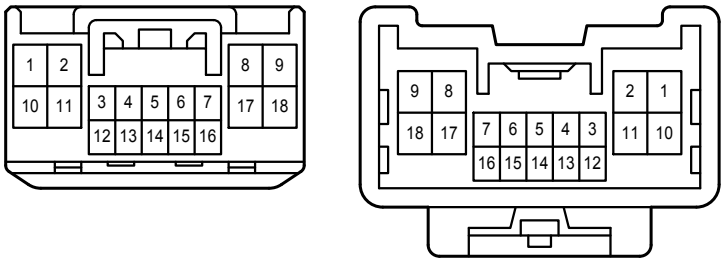
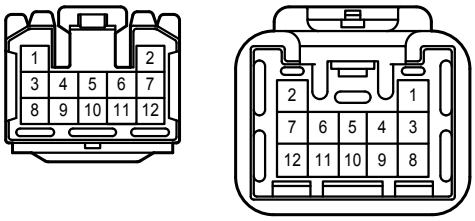
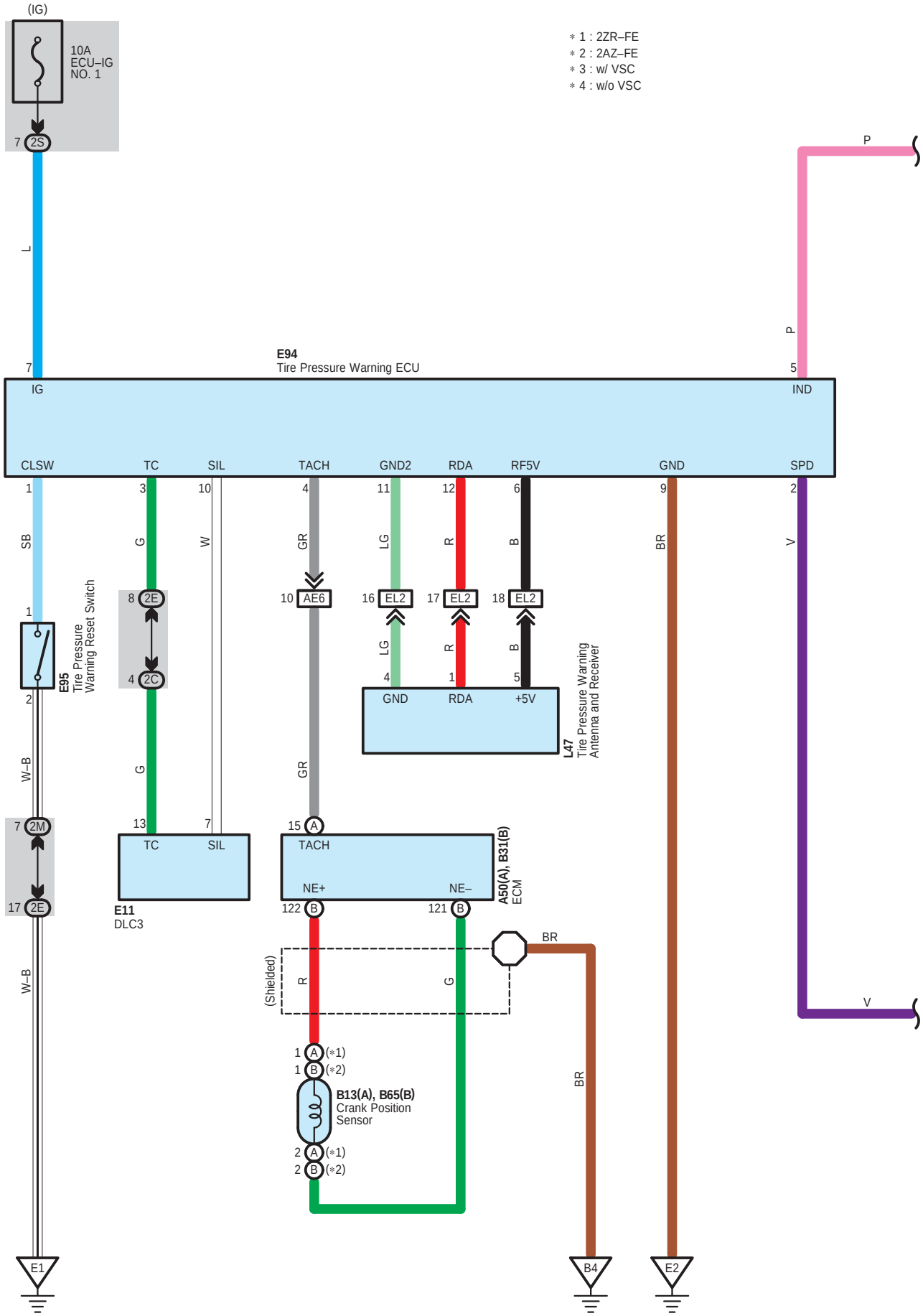
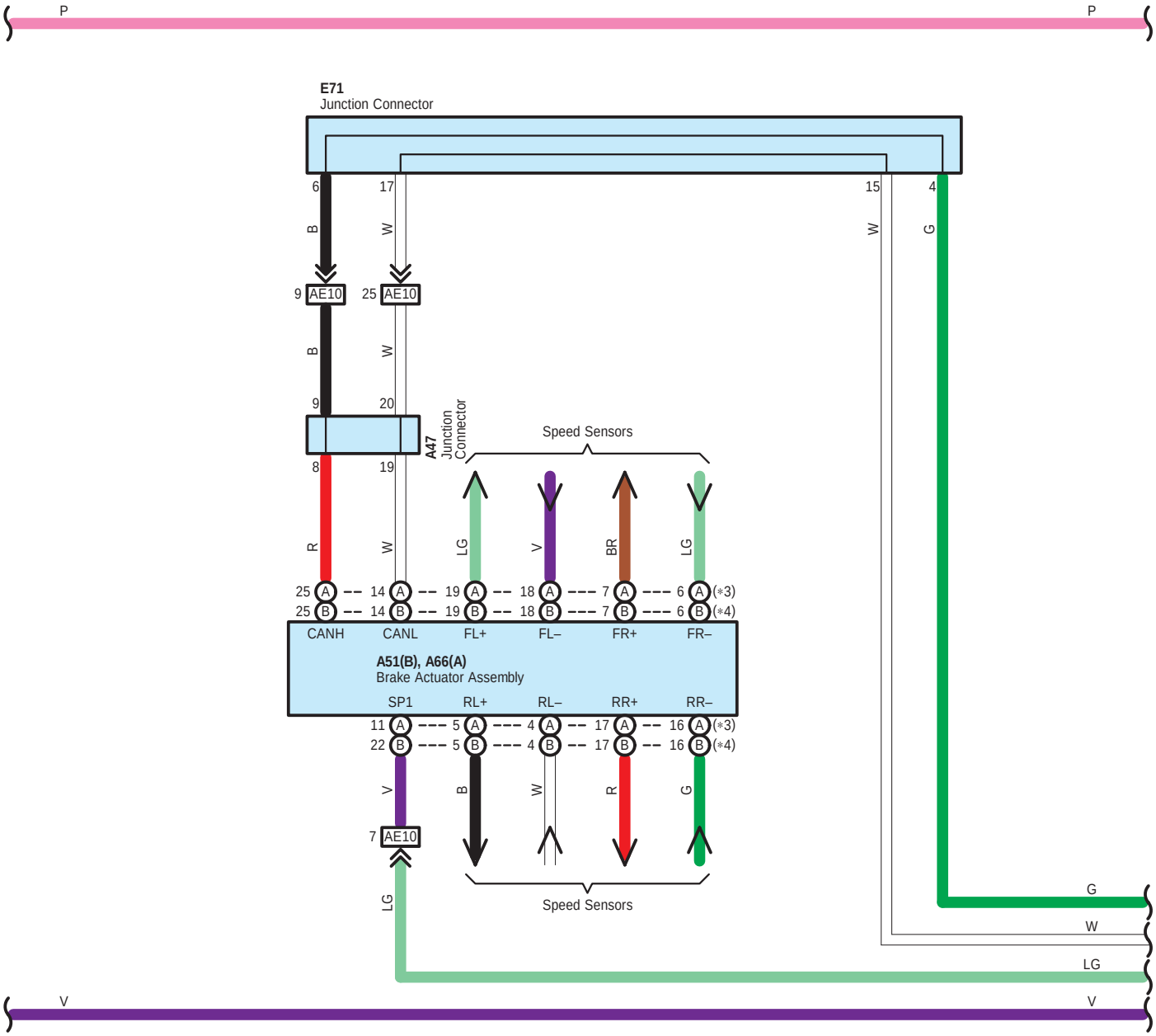


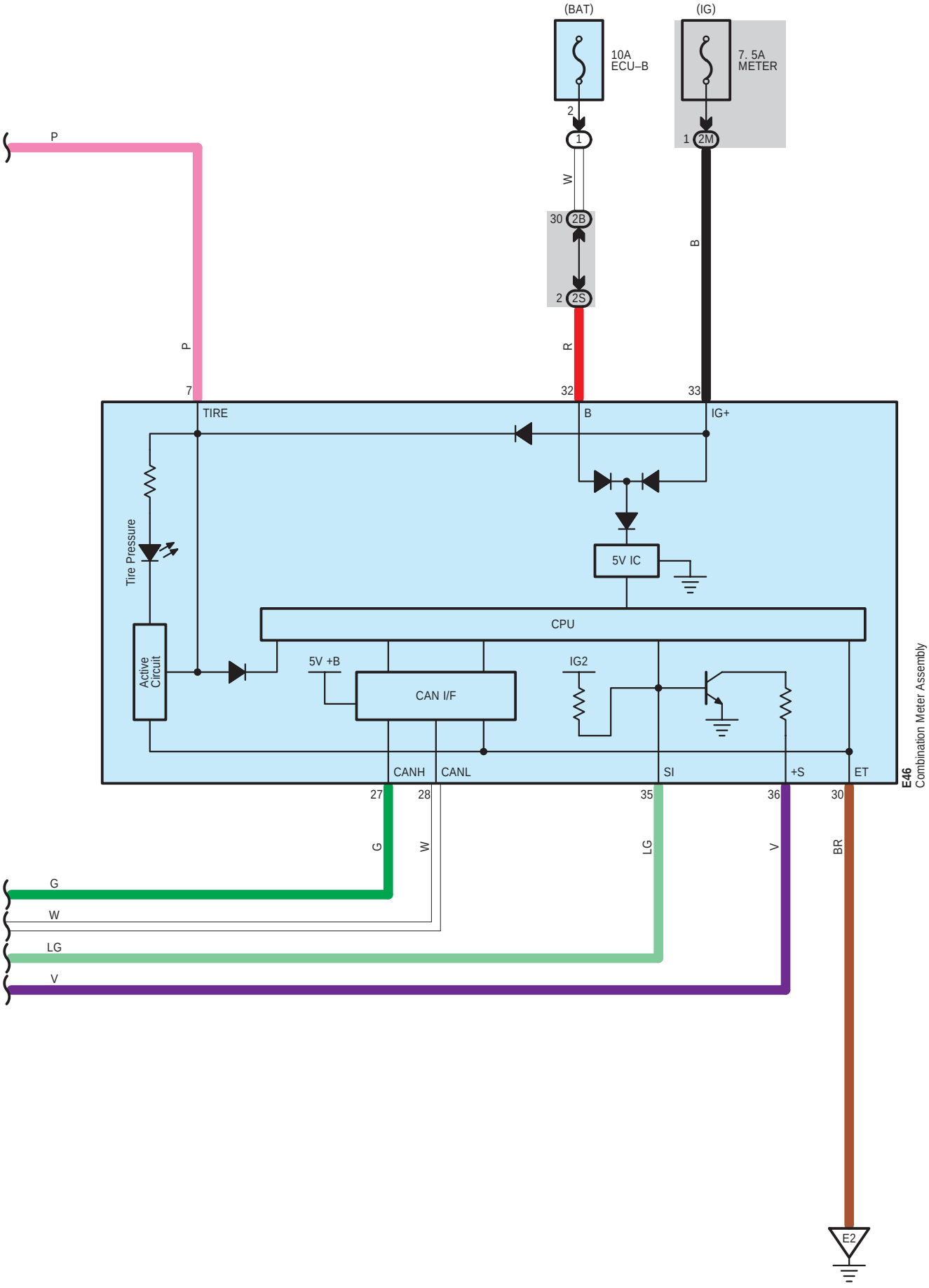
IE4
White



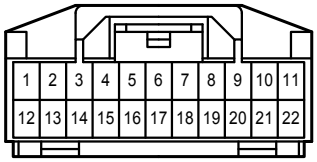


* 1 : 2ZR–FE
* 2 : 2AZ–FE
* 3 : w/ VSC
* 4 : w/o VSC

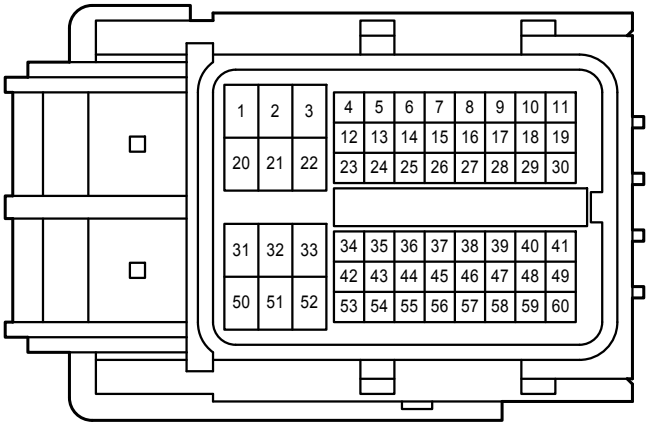

P
P
E71
Junction Connector
6
17
15
4
B
W
W
G
9 AE10
25 AE10
B
W
9
20
A47
Junction
Connector
Speed Sensors
8
19
R
W
LG
V
BR
LG
25 A
25 B
14 A
14 B
19 A
19 B
18 A
18 B
7 A
7 B
6 A
6 B
(*3)
(*4)
CANH
CANL
FL+
FL–
FR+
FR–
A51(B), A66(A)
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11 A
22 B
5 A
5 B
4 A
4 B
17 A
17 B
16 A
16 B
(*3)
(*4)
V
B
W
R
G
7 AE10
LG
Speed Sensors
G
W
LG
V
V


(BAT)
(IG)
10A
ECU–B
7. 5A
METER
2
1
1
2M
W
30
2B
2
2S
B
R
P
P
7
32
33
TIRE
B
IG+
Tire Pressure
5V IC
CPU
Active
Circuit
5V +B
CAN I/F
IG2
CANH
CANL
SI
+S
ET
E46
Combination Meter Assembly
27
28
35
36
30
G
W
LG
V
BR
G
W
LG
V
E2

A 47
White



A 50
Black



A 51
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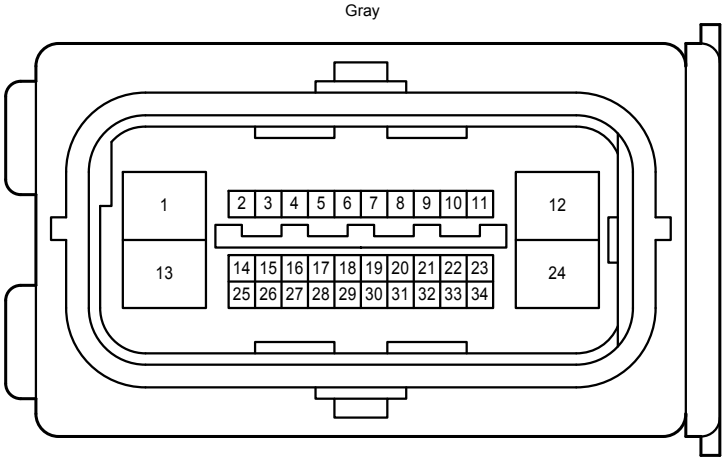

A 66
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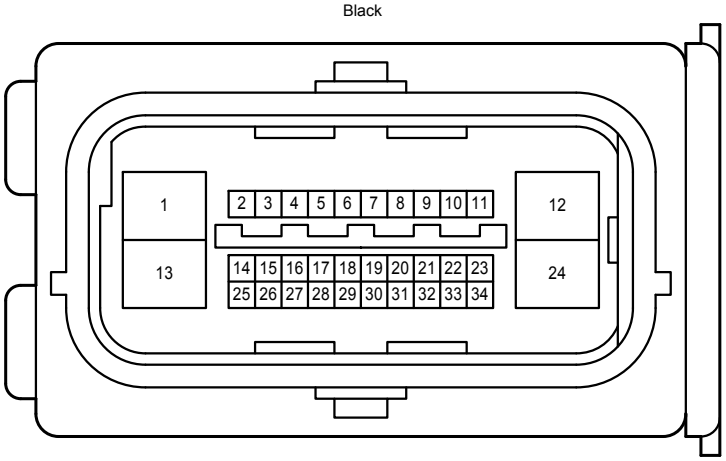

B 13
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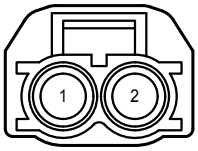
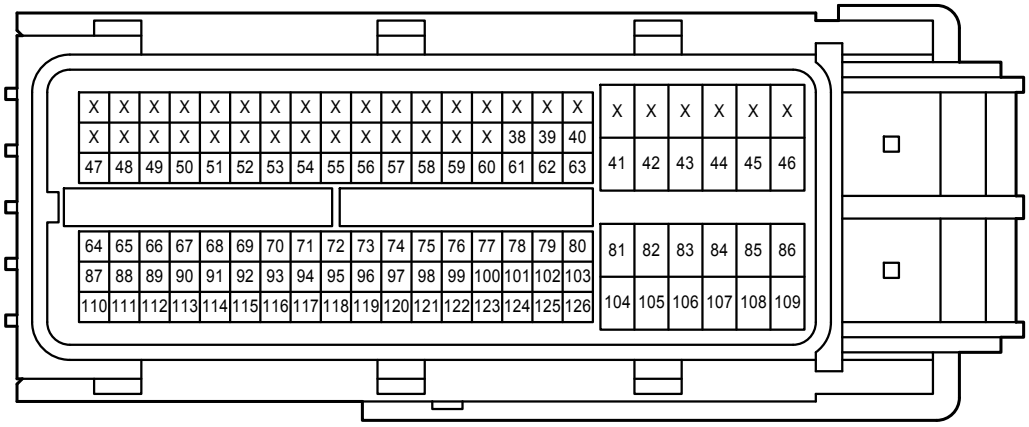
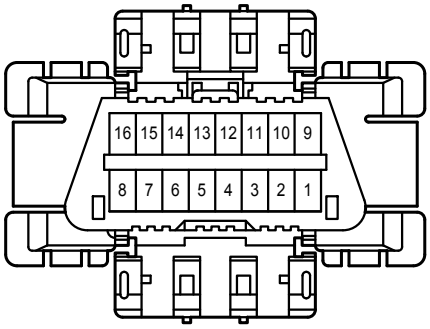


B 31
Black



B 65
Gray

E 11
White



E 46
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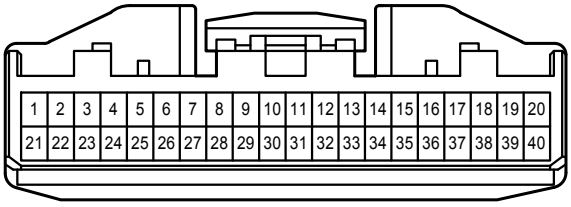

E 71
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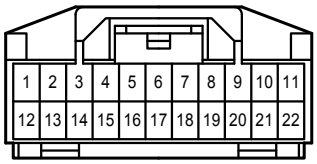
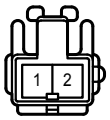


E 94
Black

E 95
Black



L 47
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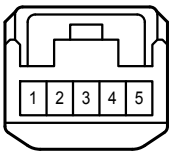
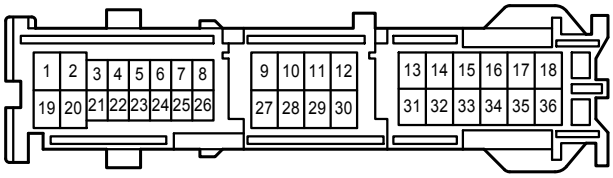


2B
White



2C
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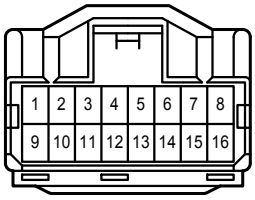
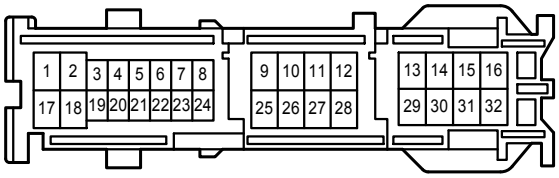
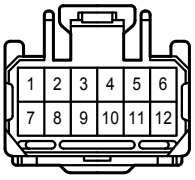


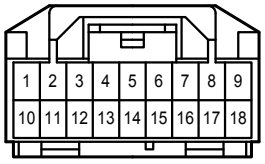
2E
White

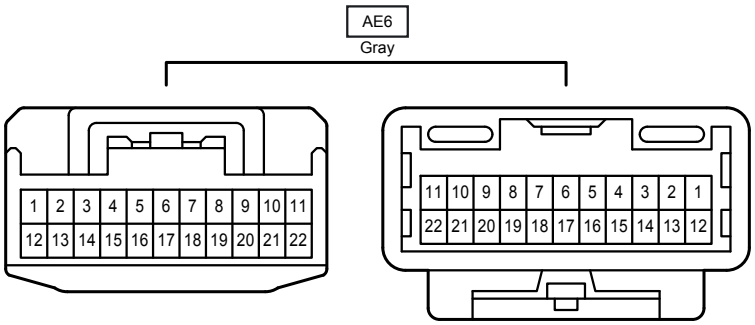


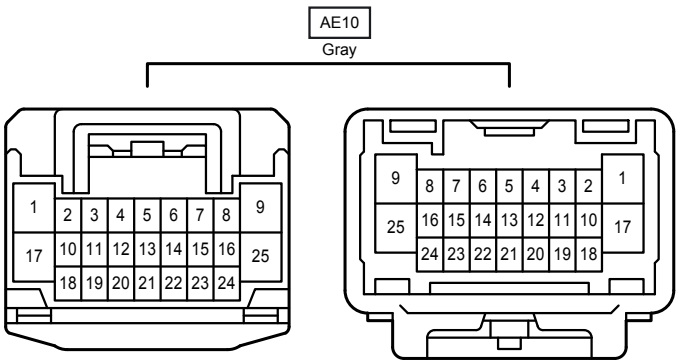
2M
White

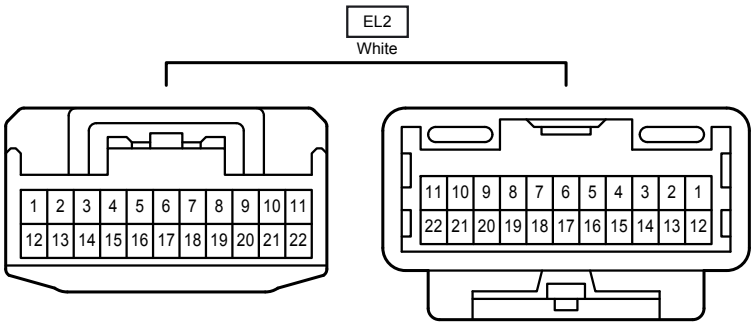


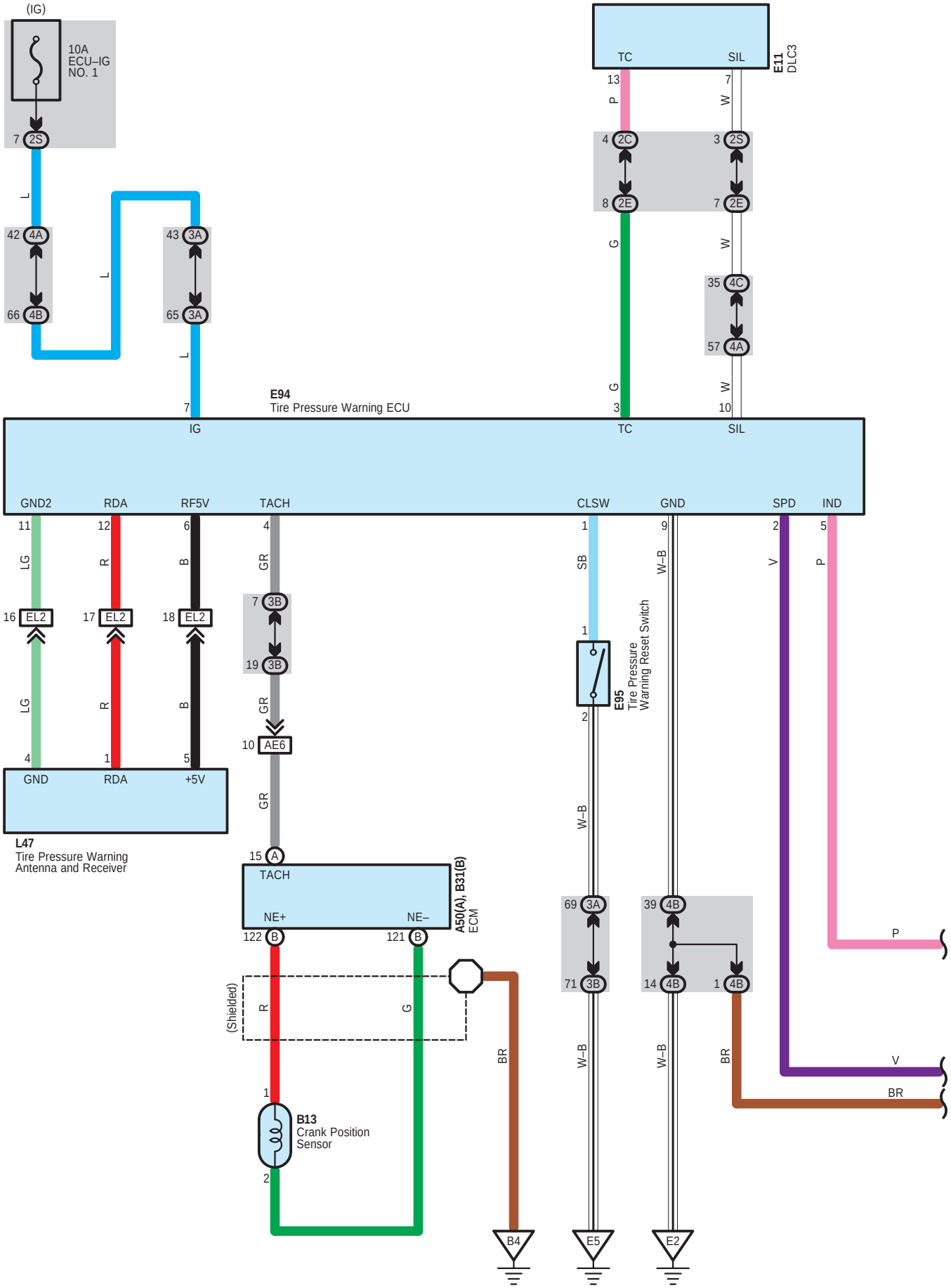
2S
White

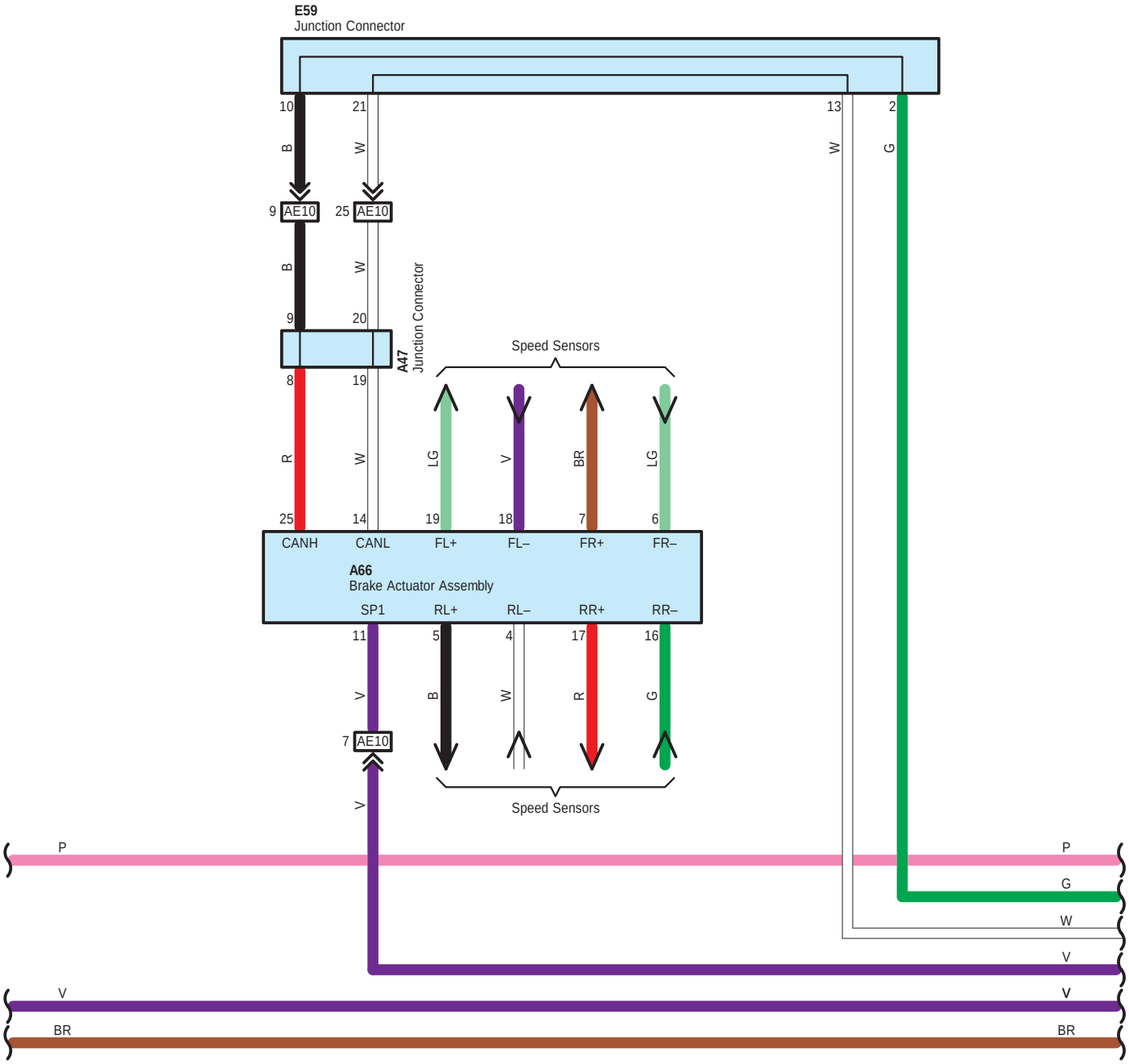


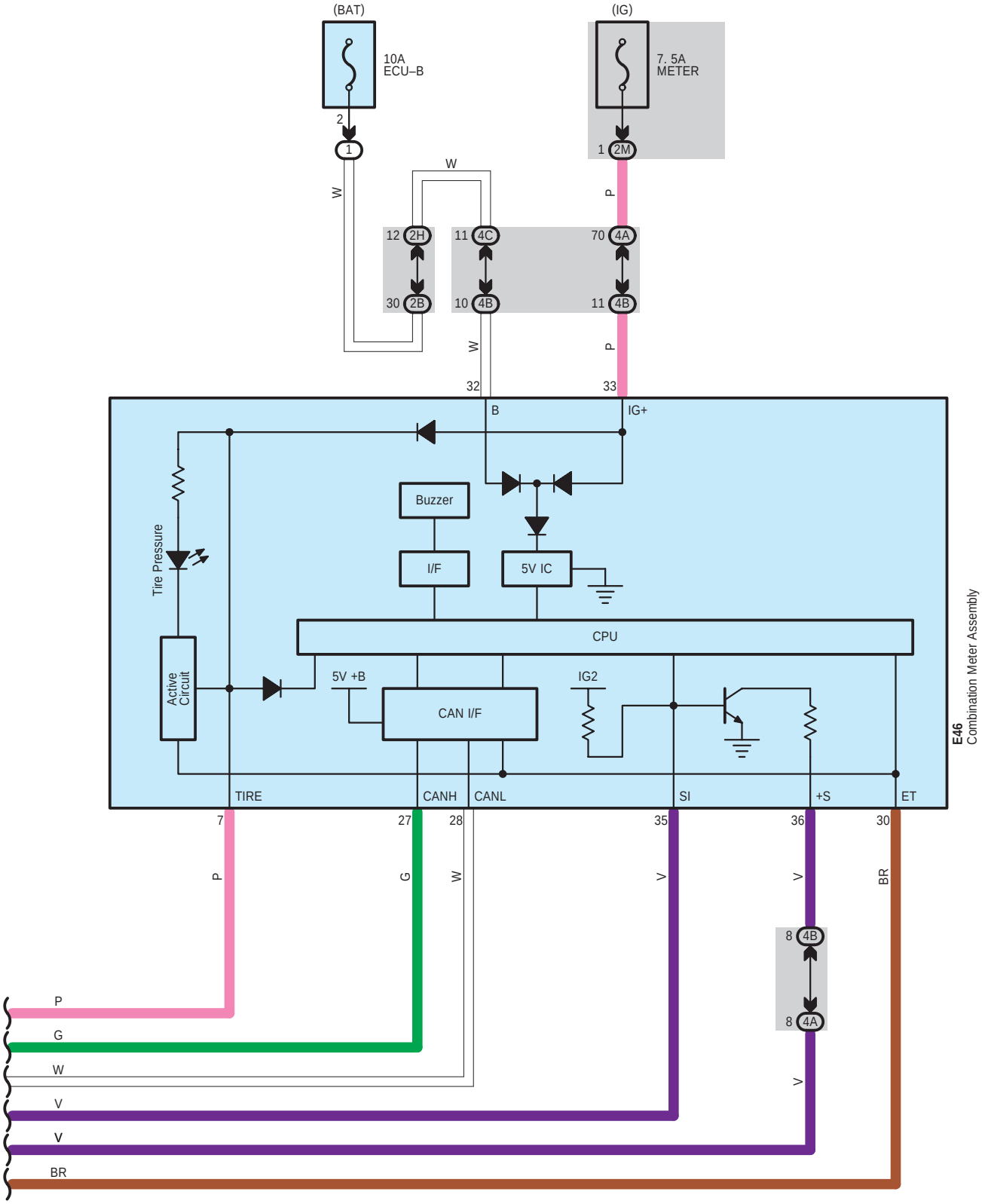

AE6
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


AE10
Gray
1
2 3 4 5 6 7 8
9
17
10 11 12 13 14 15 16
25
18 19 20 21 22 23 24
9
8 7 6 5 4 3 2
1
25
16 15 14 13 12 11 10
17
24 23 22 21 20 19 18

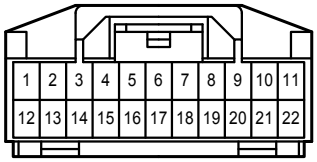

EL2
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


(IG)
10A
ECU–IG
NO. 1
7 2S
L
42 4A
66 4B
L
43 3A
65 3A
L
7
IG
E94
Tire Pressure Warning ECU
TC
SIL
E11
DLC3
13
P
7
W
4 2C
8 2E
3 2S
7 2E
G
W
35 4C
57 4A
G
3
TC
W
10
SIL
GND2
RDA
RF5V
TACH
CLSW
GND
SPD
IND
11
LG
12
R
6
B
4
GR
1
SB
9
W–B
2
V
5
P
16 EL2
17 EL2
18 EL2
7 3B
19 3B
1
2
E95
Tire Pressure
Warning Reset Switch
LG
R
B
GR
10 AE6
W–B
4
GND
1
RDA
5
+5V
L47
Tire Pressure Warning
Antenna and Receiver
15 A
TACH
NE+
NE–
A50(A), B31(B)
ECM
122 B
121 B
69 3A
71 3B
39 4B
14 4B
1 4B
P
(Shielded)
R
G
BR
W–B
W–B
BR
V
BR
1
2
B13
Crank Position
Sensor
B4
E5
E2

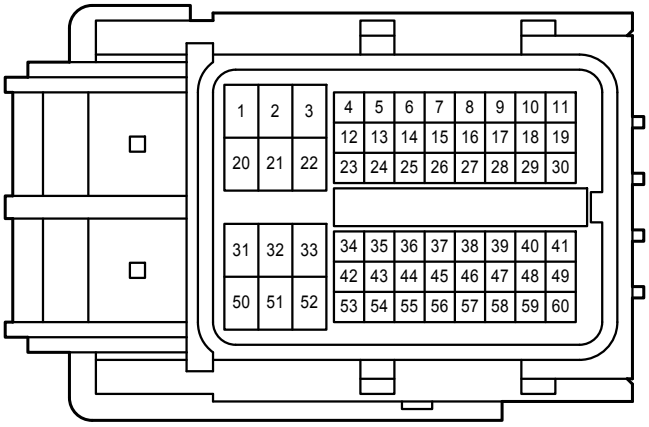

E59
Junction Connector
10
B
9
AE10
B
9
21
W
25
AE10
W
20
A47
Junction Connector
13
W
2
G
Speed Sensors
8
R
25
19
W
14
LG
19
V
18
BR
7
LG
6
CANH
CANL
FL+
FL–
FR+
FR–
A66
Brake Actuator Assembly
SP1
RL+
RL–
RR+
RR–
11
V
7
AE10
V
5
B
4
W
17
R
16
G
Speed Sensors
P
P
G
W
V
V
V
BR
BR


(BAT)
10A
ECU–B
2
1
W
W
12 2H
30 2B
11 4C
10 4B
32
(IG)
7. 5A
METER
1 2M
P
70 4A
11 4B
P
33
B
IG+
Buzzer
I/F
5V IC
Tire Pressure
Active Circuit
CPU
5V +B
CAN I/F
IG2
E46
Combination Meter Assembly
TIRE
CANH
CANL
SI
+S
ET
7
27
28
35
36
30
P
G
W
V
V
BR
8 4B
8 4A
V
P
G
W
V
V
BR

A 47
White



A 50
Black



A 66
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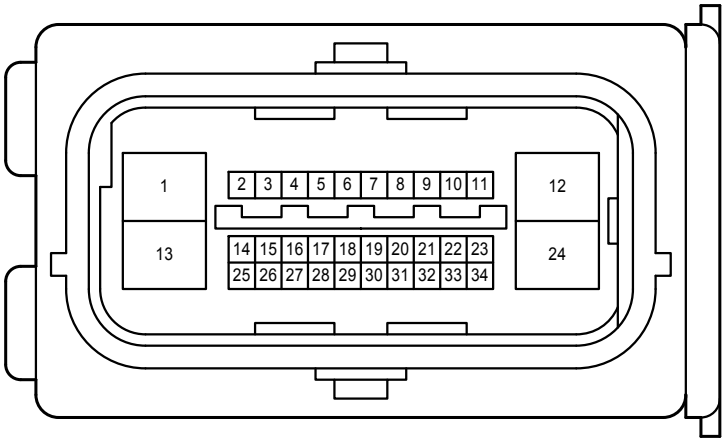

B 13
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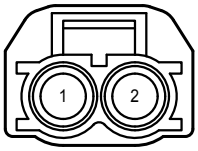

B 31
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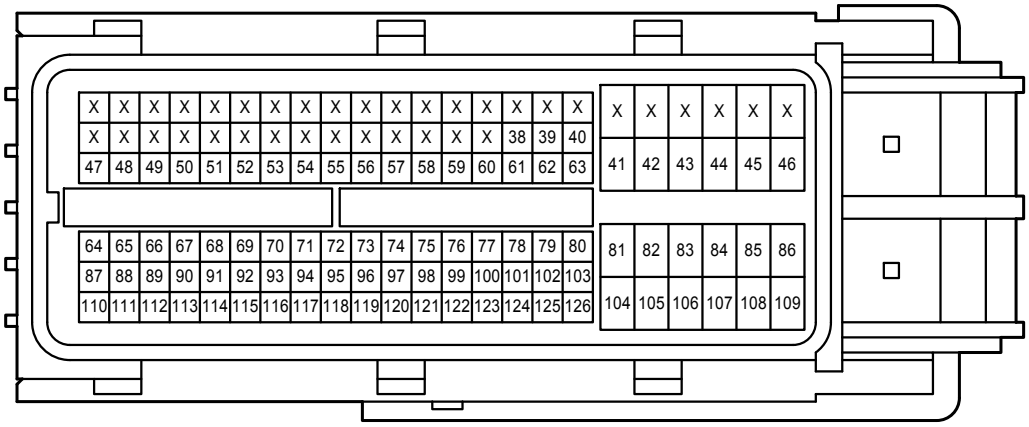
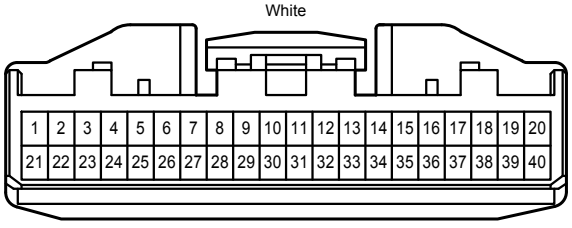


E 46
White



E 59
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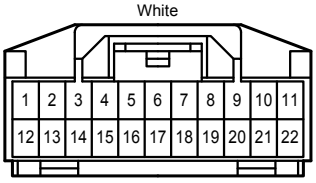

E 94
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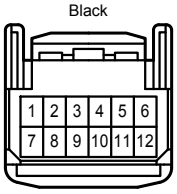

E 95
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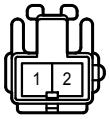

L 47
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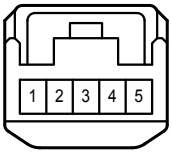

2B
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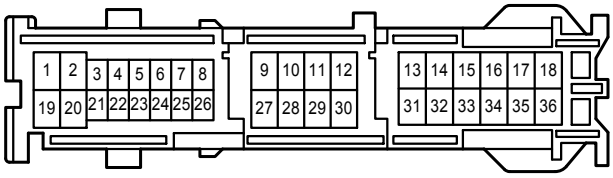

2C
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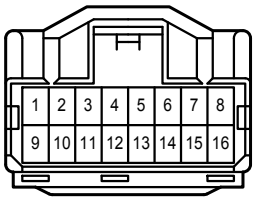

2E
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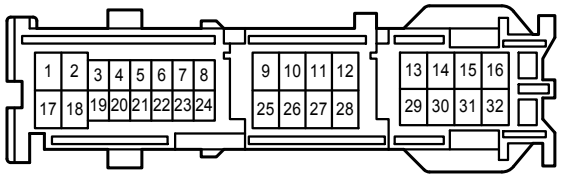
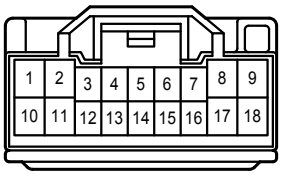
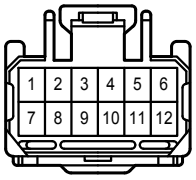


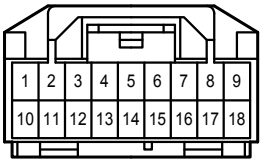
2H
White



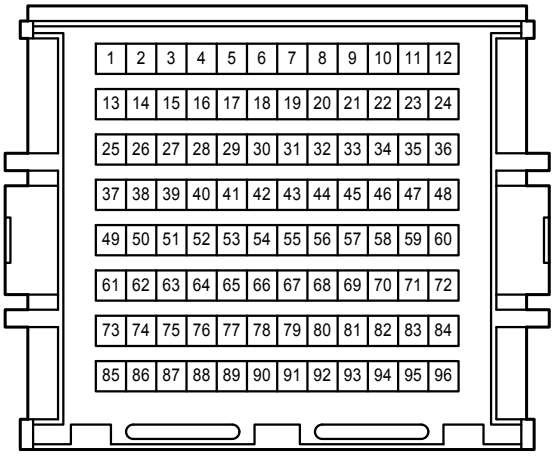
2M
White



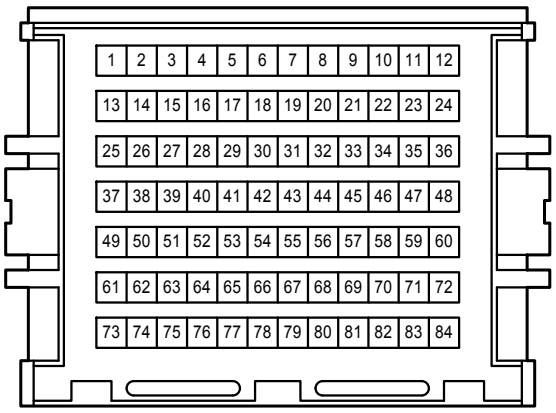
2S
White



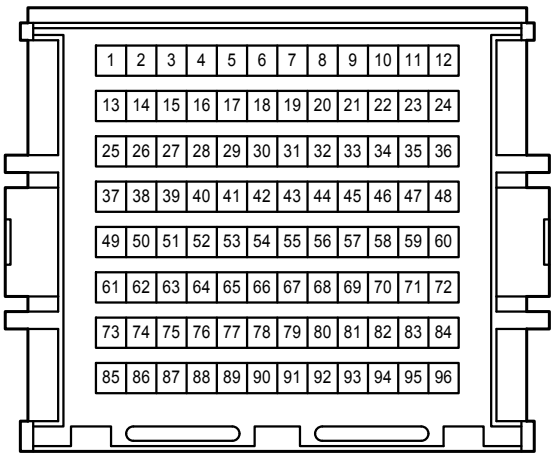
3A
White



3B
White



4A
White



4B
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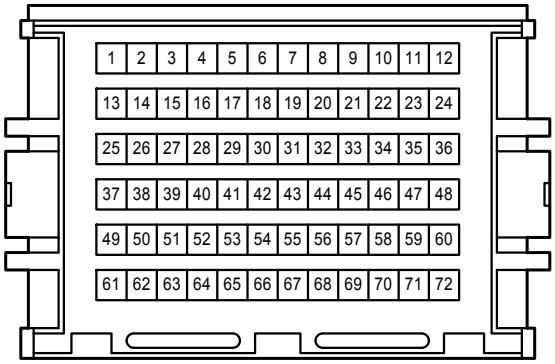

4C
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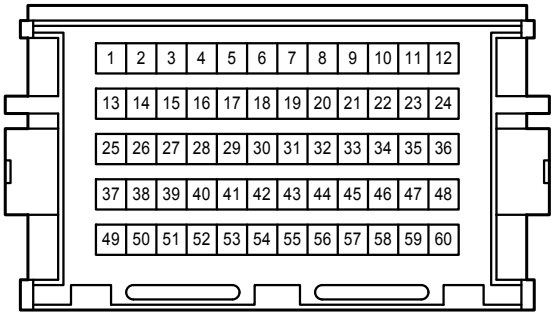
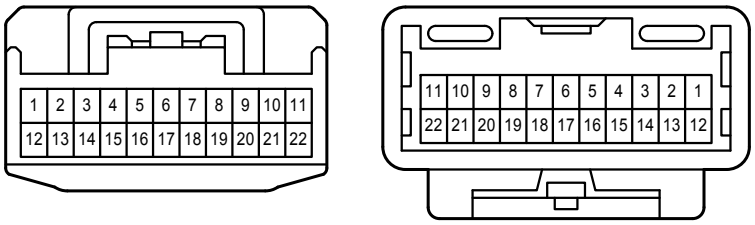
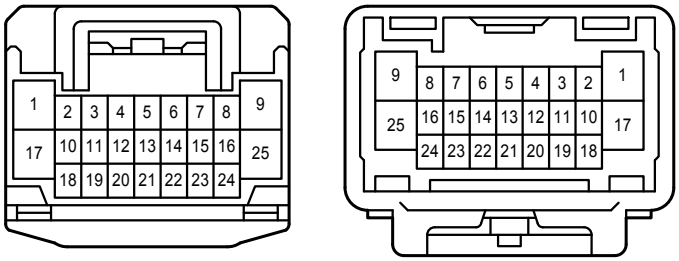


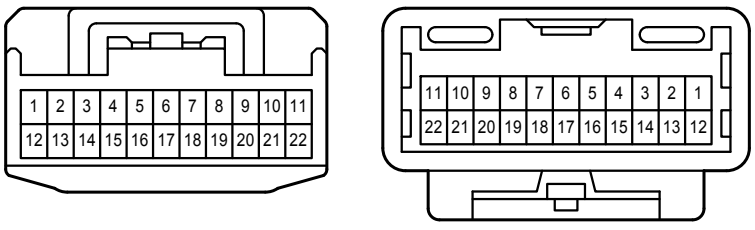
AE6
Gray

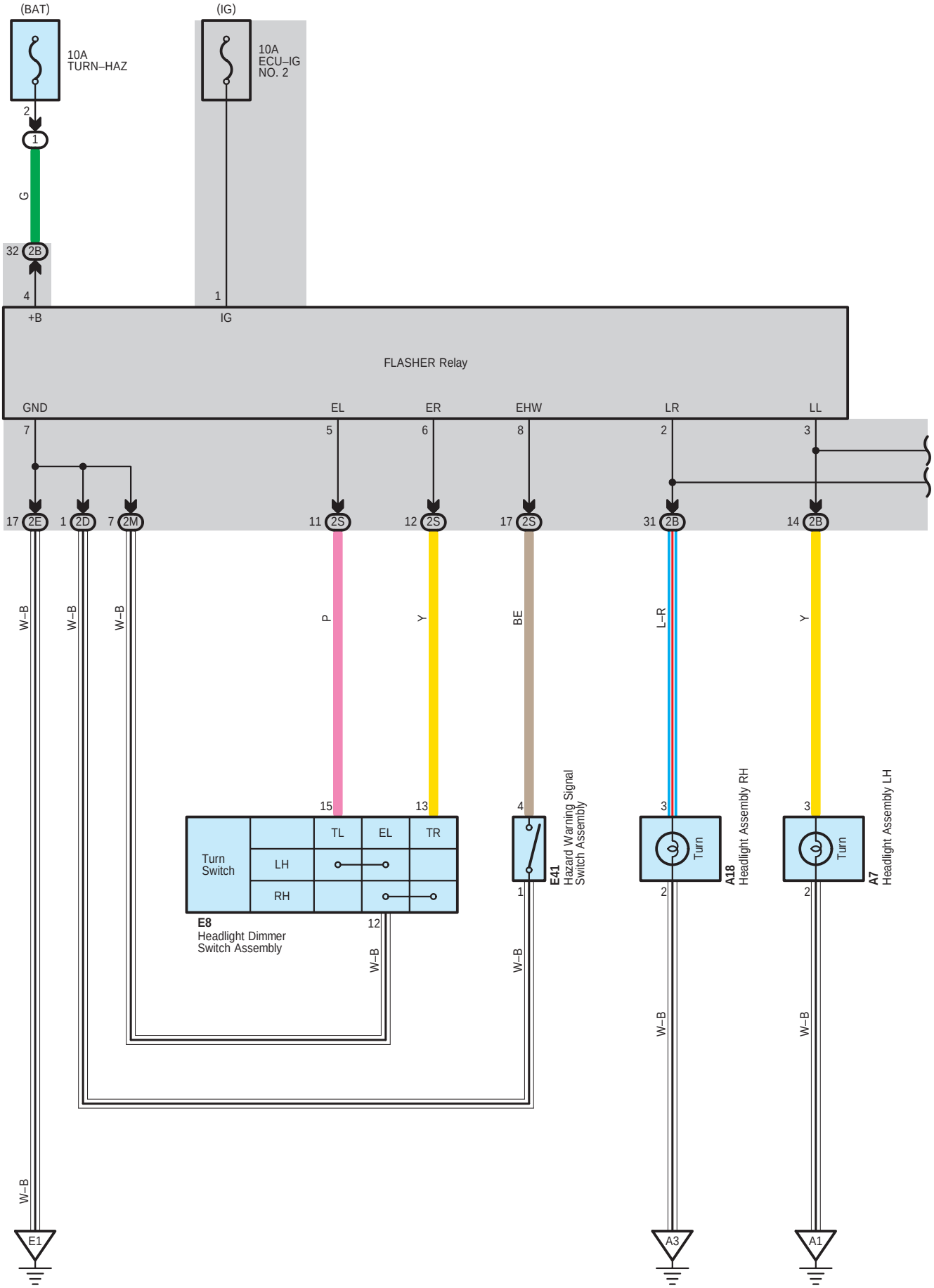


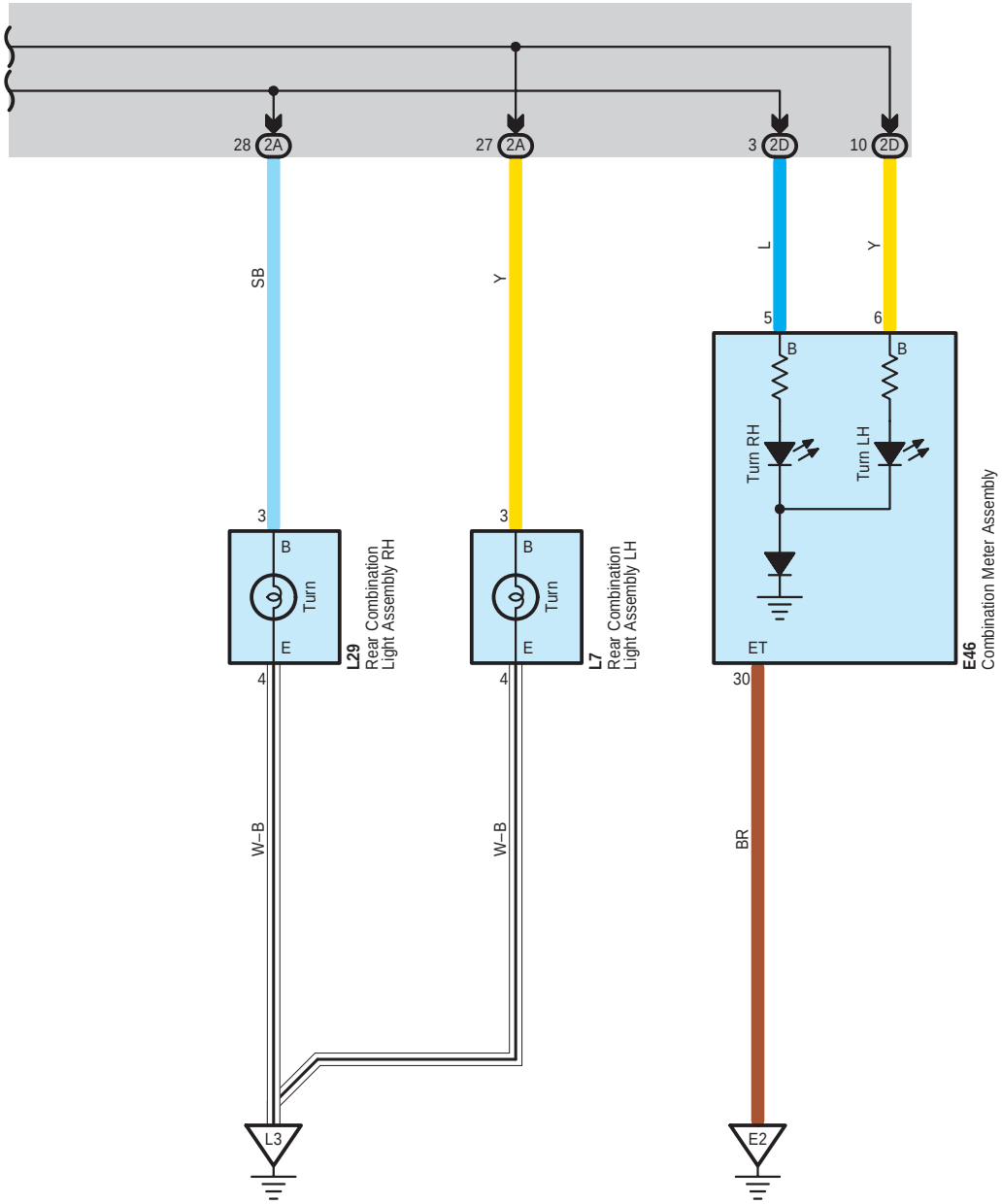
AE10
Gray



EL2
White



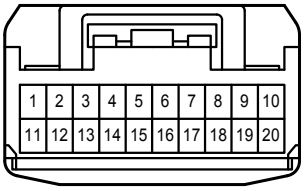

(BAT)
(IG)
10A
TURN–HAZ
10A
ECU–IG
NO. 2
2
1
G
32 2B
4
+B
1
IG
FLASHER Relay
GND
EL
ER
EHW
LR
LL
7
5
6
8
2
3
17 2E
1 2D
7 2M
11 2S
12 2S
17 2S
31 2B
14 2B
W–B
W–B
W–B
P
Y
BE
L–R
Y
15
13
4
3
3
Turn
Switch
TL
EL
TR
LH
RH
E8
Headlight Dimmer
Switch Assembly
12
W–B
E41
Hazard Warning Signal
Switch Assembly
1
W–B
Turn
A18
Headlight Assembly RH
2
W–B
Turn
A7
Headlight Assembly LH
2
W–B
W–B
E1
A3
A1


28 2A
27 2A
3 2D
10 2D
SB
Y
L
Y
5
6
B
B
Turn RH
Turn LH
3
3
B
Turn
E
L29
Rear Combination
Light Assembly RH
B
Turn
E
L7
Rear Combination
Light Assembly LH
ET
E46
Combination Meter Assembly
4
4
30
W–B
W–B
BR
L3
E2

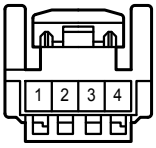
A 7
Gray

A 18
Gray

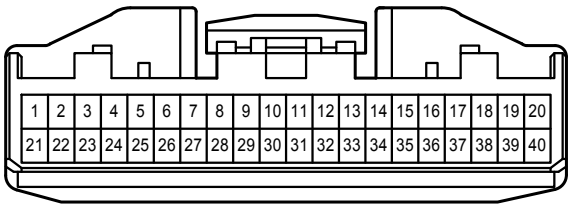
E 8
White



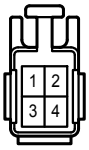
E 41
Gray



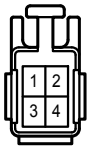
E 46
White



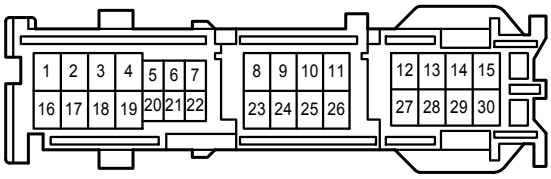
L 7
White



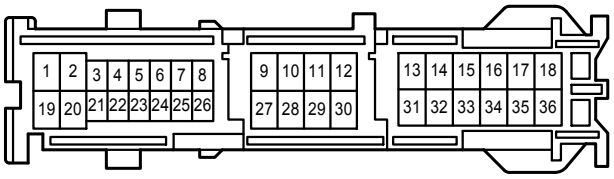
L 29
White



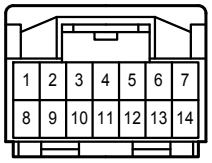
2A
White



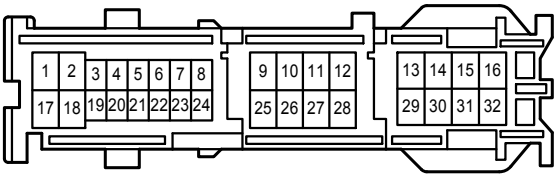
2B
White



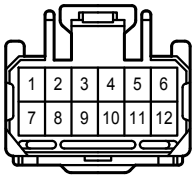
2D
White



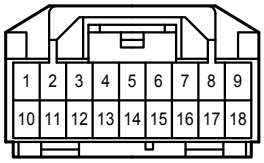
2E
White

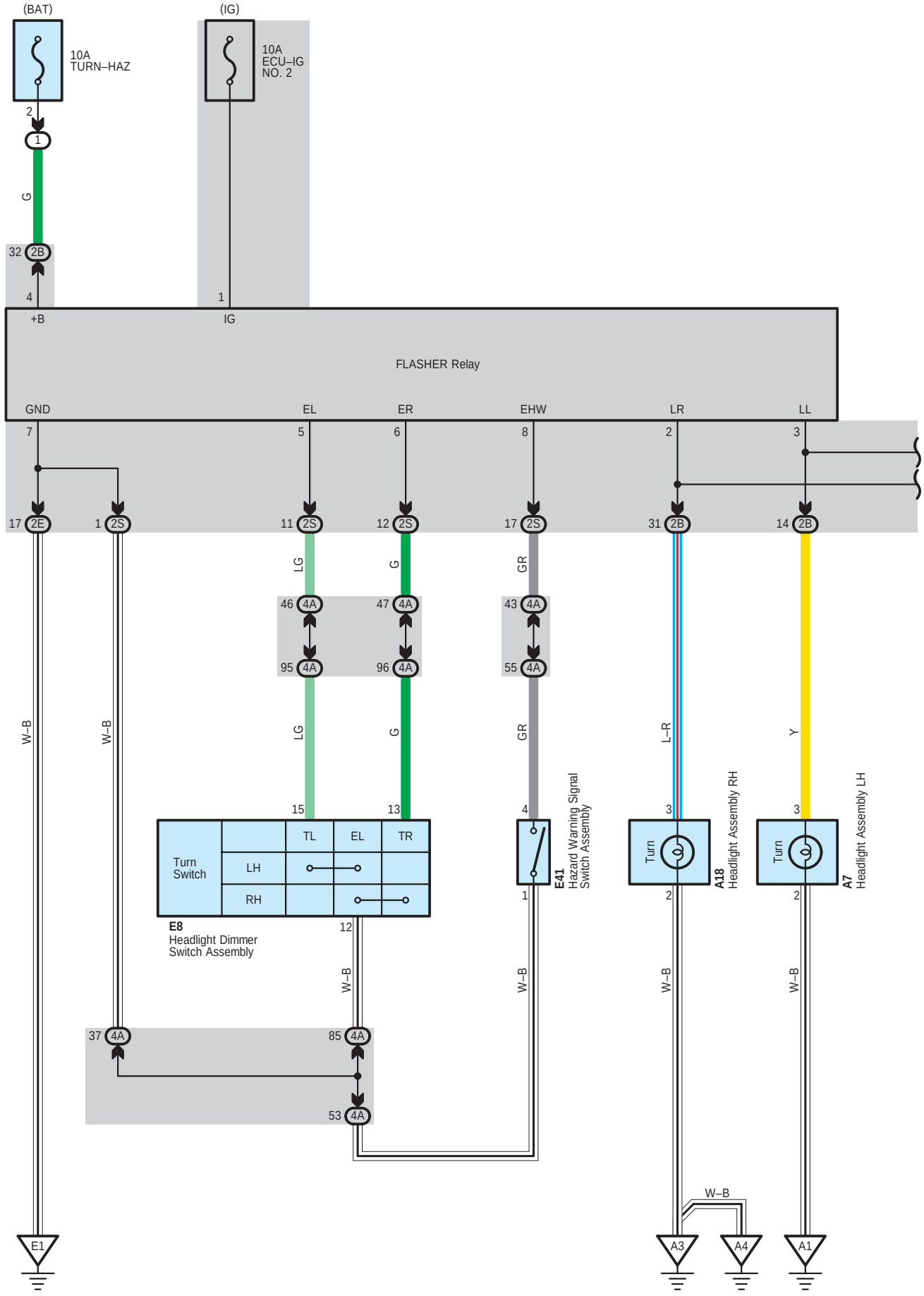


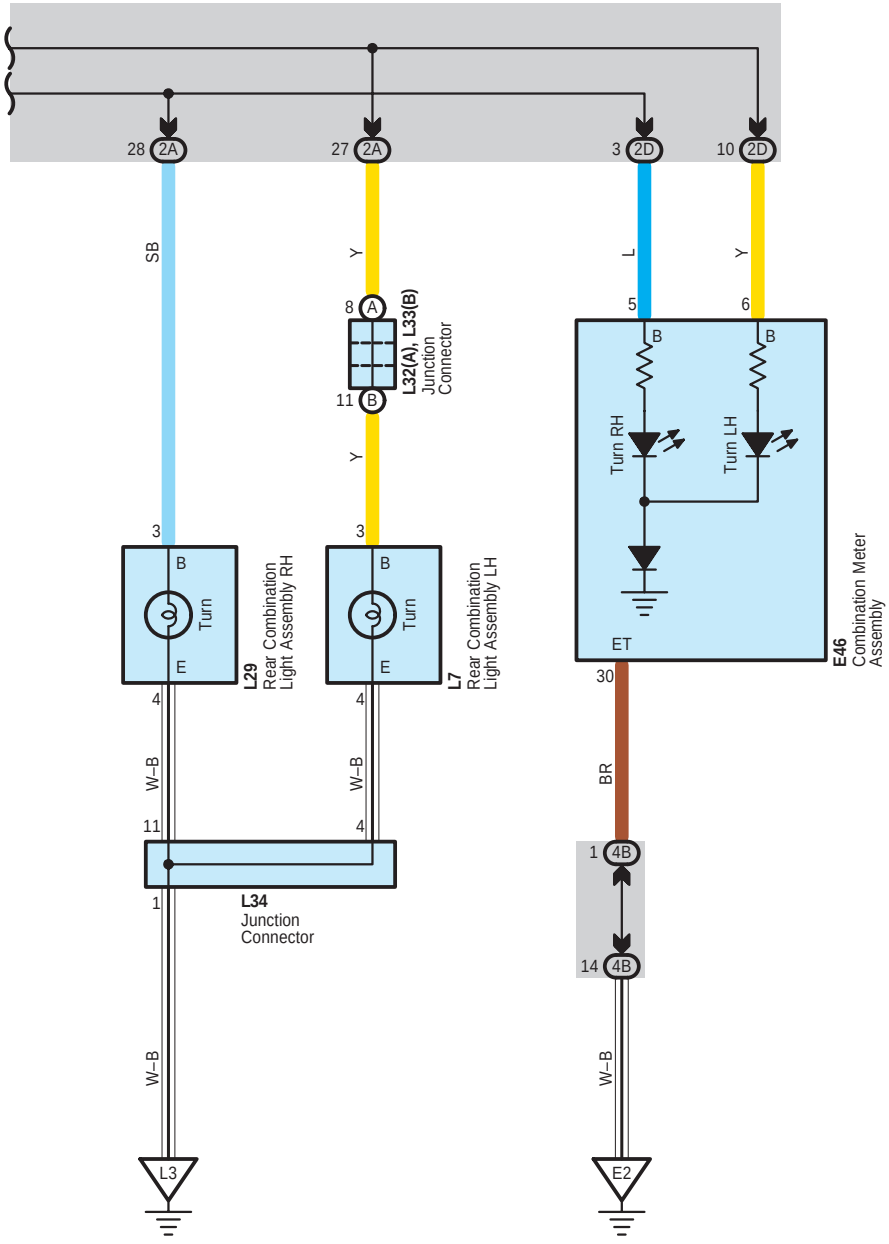
2M
White



2S
White



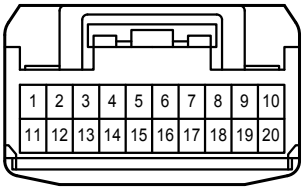

(BAT)
(IG)
10A
TURN–HAZ
10A
ECU–IG
NO. 2
2
1
G
32 2B
4
+B
1
IG
FLASHER Relay
GND
EL
ER
EHW
LR
LL
7
5
6
8
2
3
17 2E
1 2S
11 2S
12 2S
17 2S
31 2B
14 2B
LG
G
GR
46 4A
47 4A
43 4A
95 4A
96 4A
55 4A
W–B
W–B
LG
G
GR
L–R
Y
15
13
4
3
3
Turn Switch
TL
EL
TR
LH
RH
E8
Headlight Dimmer Switch Assembly
12
1
E41
Hazard Warning Signal Switch Assembly
Turn
A18
Headlight Assembly RH
2
Turn
A7
Headlight Assembly LH
2
W–B
W–B
W–B
37 4A
85 4A
53 4A
W–B
E1
A3
A4
A1


28 2A
27 2A
3 2D
10 2D
SB
Y
L
Y
8 A
11 B
L32(A), L33(B)
Junction
Connector
Y
5
6
B
B
Turn RH
Turn LH
ET
E46
Combination Meter
Assembly
3
3
B
Turn
E
L29
Rear Combination
Light Assembly RH
B
Turn
E
L7
Rear Combination
Light Assembly LH
4
4
W–B
W–B
11
4
1
L34
Junction
Connector
30
BR
1 4B
14 4B
W–B
W–B
L3
E2

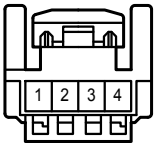
A 7
Gray

A 18
Gray

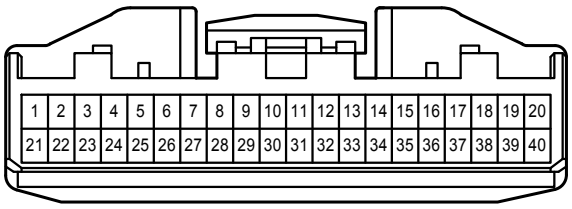
E 8
White



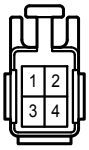
E 41
Gray



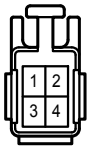
E 46
White



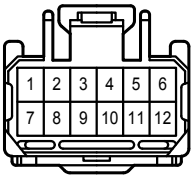
L 7
White



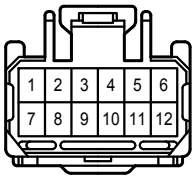
L 29
White



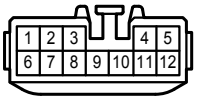
L 32
White



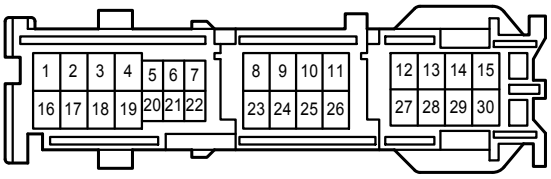
L 33
White



L 34
Blue



2A
White



2B
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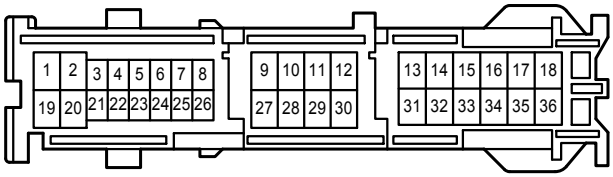
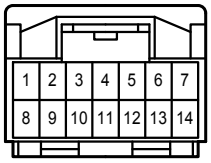
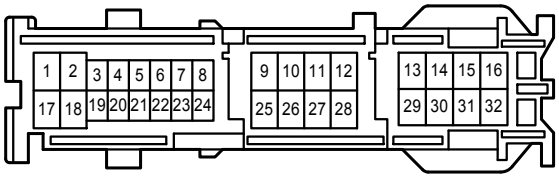


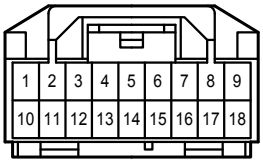
2D
White

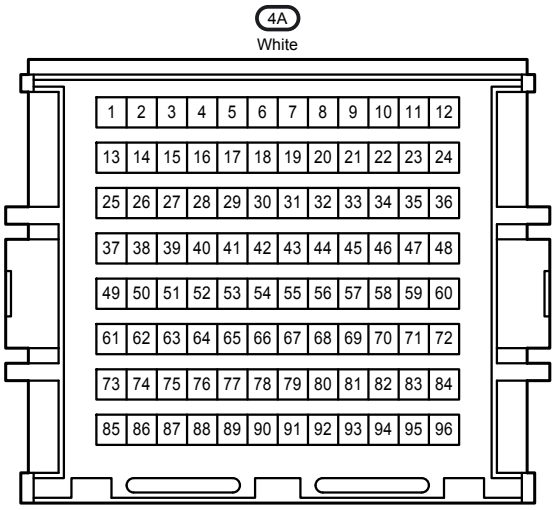


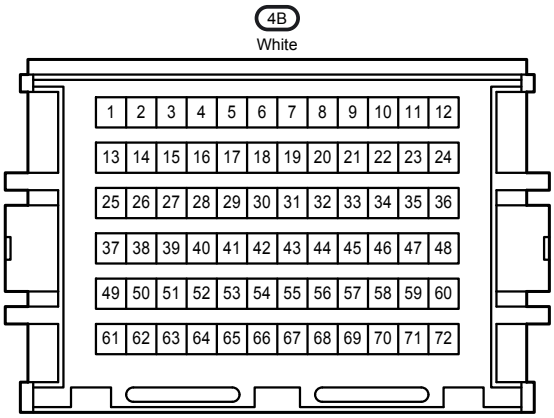
2E
White

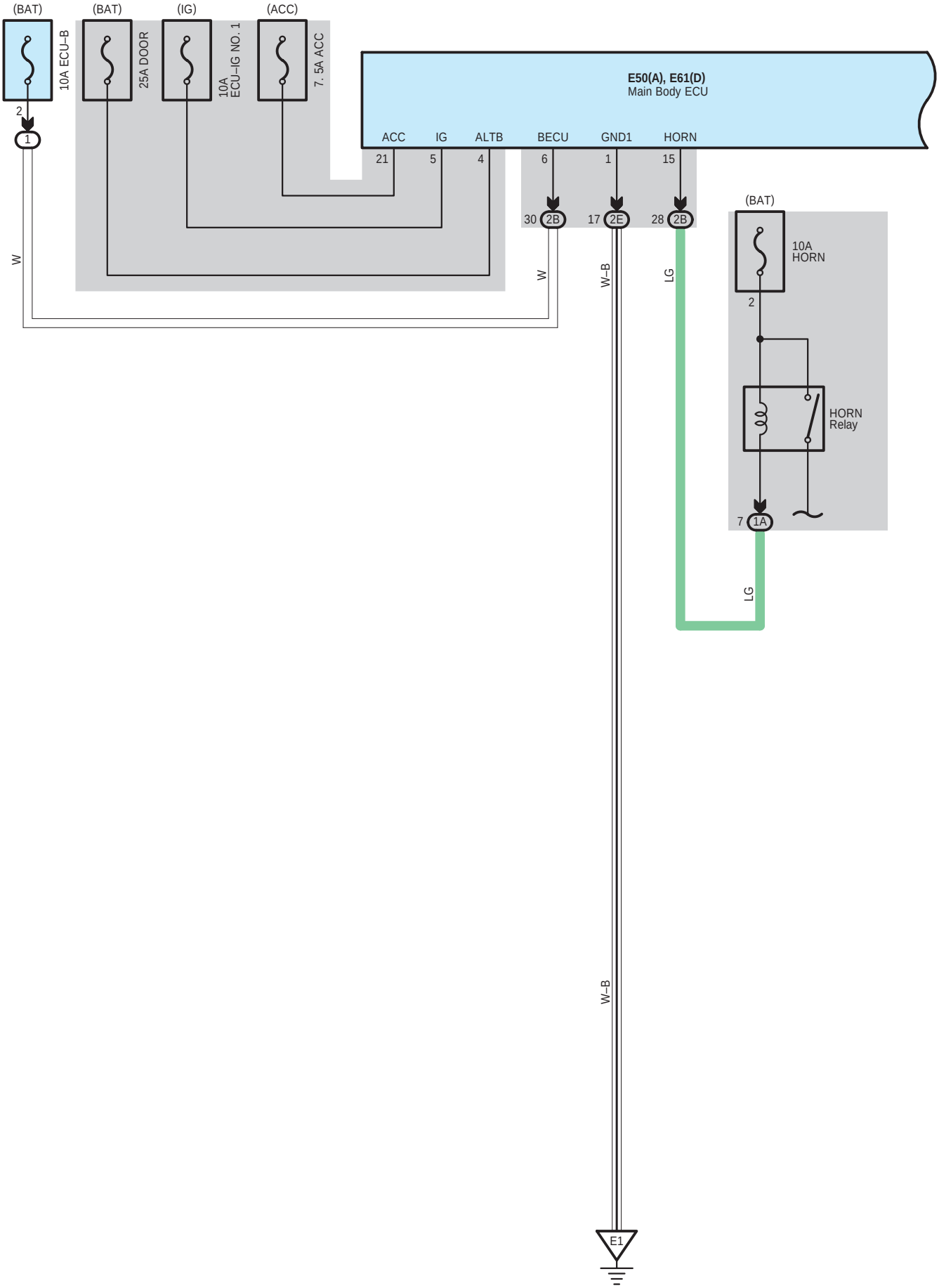


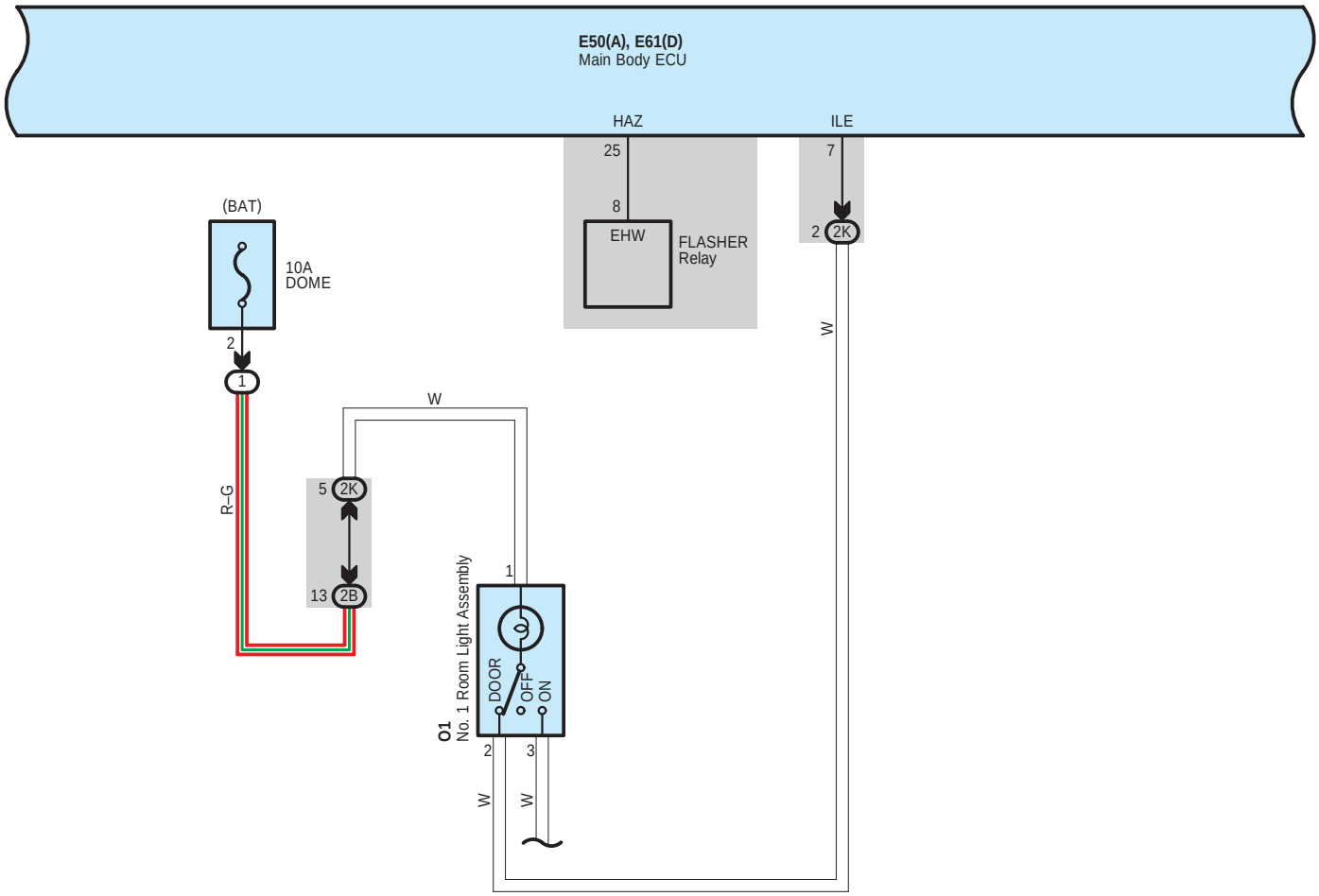
2S
White

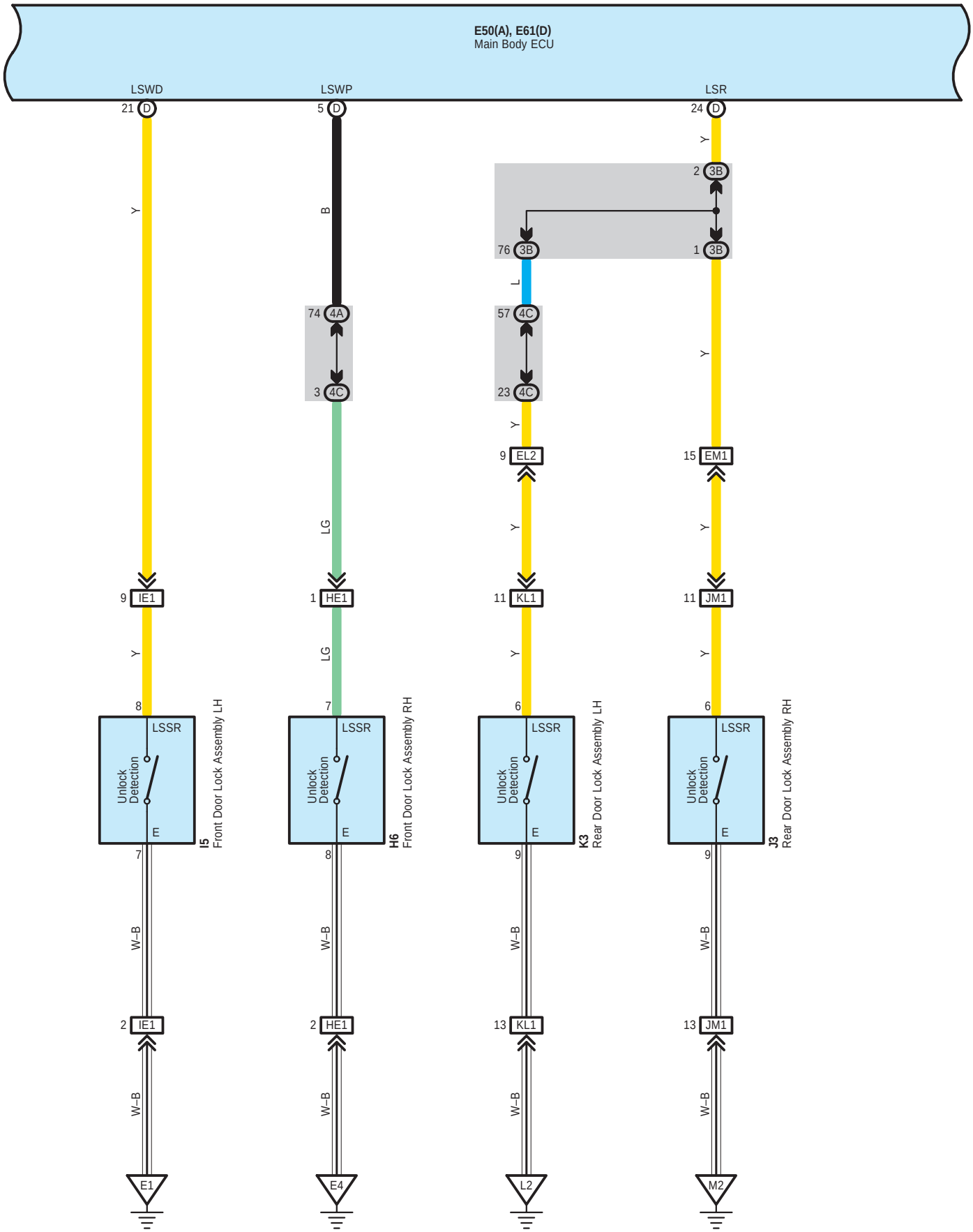


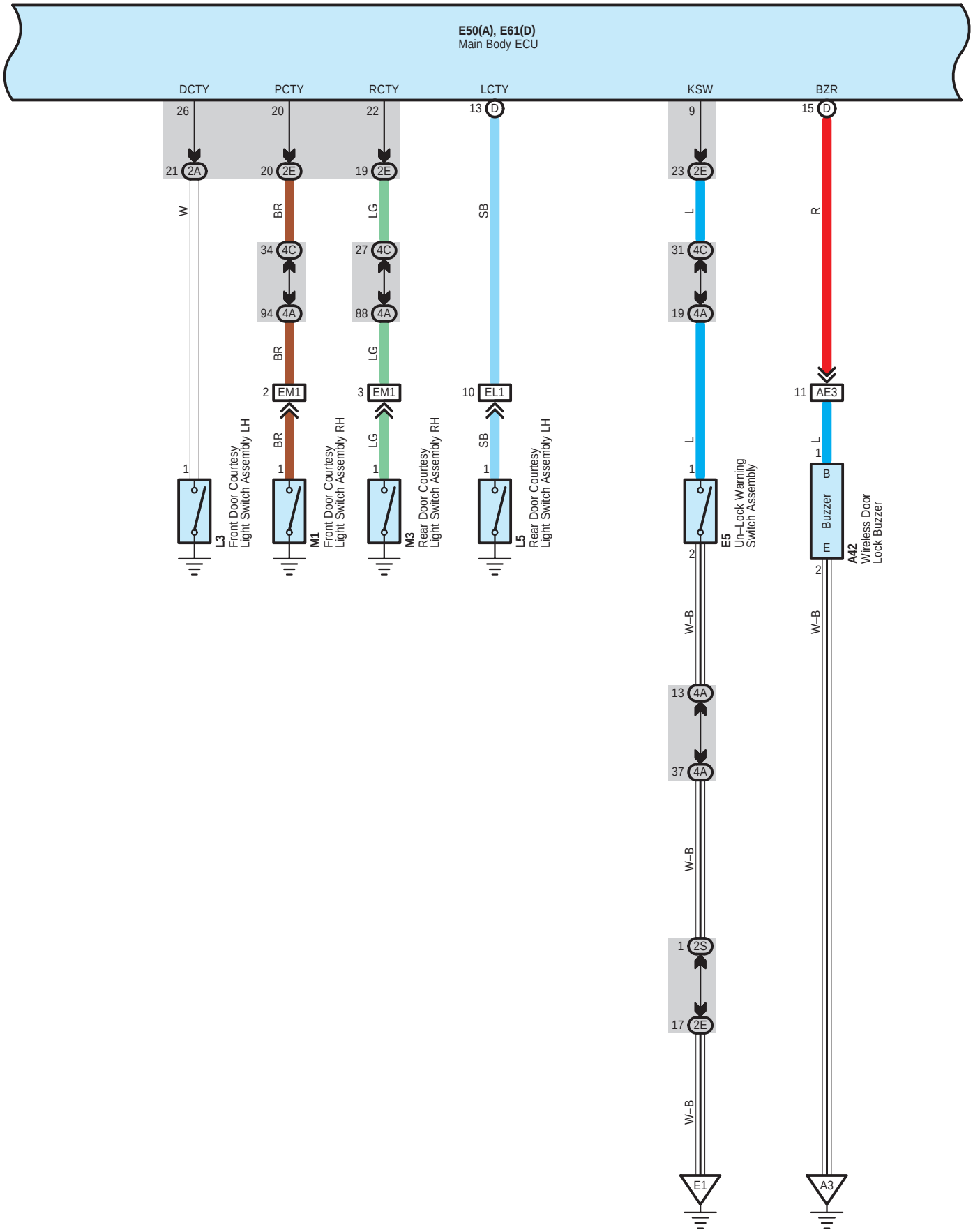

4A
White
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72
73 74 75 76 77 78 79 80 81 82 83 84
85 86 87 88 89 90 91 92 93 94 95 96

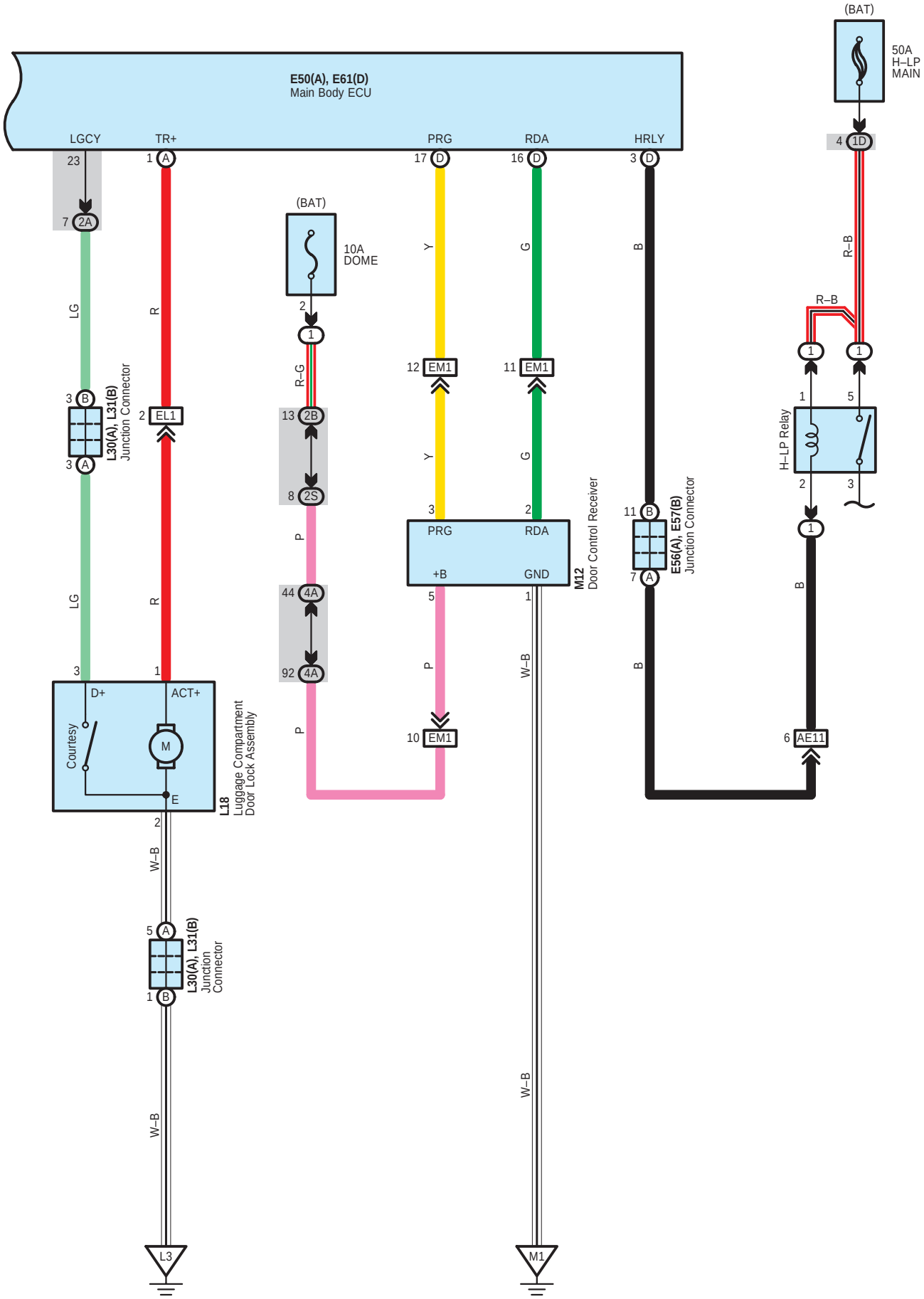

4B
White
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72


(BAT)
(BAT)
(IG)
(ACC)
10A ECU–B
25A DOOR
10A ECU–IG NO. 1
7. 5A ACC
2
1
W
E50(A), E61(D)
Main Body ECU
ACC
IG
ALTB
BECU
GND1
HORN
21
5
4
6
1
15
30 2B
17 2E
28 2B
W
W–B
LG
(BAT)
10A HORN
2
HORN Relay
7 1A
LG
W–B
E1


E50(A), E61(D)
Main Body ECU
HAZ
25
8
EHW
FLASHER
Relay
ILE
7
2
2K
W
(BAT)
10A
DOME
2
1
W
R–G
5
2K
13
2B
1
O1
No. 1 Room Light Assembly
DOOR
OFF
ON
2
3
W
W

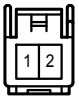

E50(A), E61(D)
Main Body ECU
LSWD
LSWP
LSR
21 D
5 D
24 D
Y
B
2 3B
76 3B
1 3B
L
74 4A
3 4C
57 4C
23 4C
Y
LG
9 EL2
15 EM1
9 IE1
1 HE1
11 KL1
11 JM1
8
7
6
6
LSSR
Unlock Detection
E
I5 Front Door Lock Assembly LH
H6 Front Door Lock Assembly RH
K3 Rear Door Lock Assembly LH
J3 Rear Door Lock Assembly RH
7
8
9
9
W–B
2 IE1
2 HE1
13 KL1
13 JM1
E1
E4
L2
M2


E50(A), E61(D)
Main Body ECU
DCTY
PCTY
RCTY
LCTY
KSW
BZR
26
21 2A
20
20 2E
22
19 2E
13 D
9
23 2E
15 D
W
BR
LG
SB
L
R
34 4C
94 4A
27 4C
88 4A
31 4C
19 4A
2 EM1
3 EM1
10 EL1
11 AE3
1
L3
Front Door Courtesy Light Switch Assembly LH
M1
Front Door Courtesy Light Switch Assembly RH
M3
Rear Door Courtesy Light Switch Assembly RH
L5
Rear Door Courtesy Light Switch Assembly LH
E5
Un–Lock Warning Switch Assembly
A42
Wireless Door Lock Buzzer
B
Buzzer
E
W–B
13 4A
37 4A
1 2S
17 2E
E1
A3

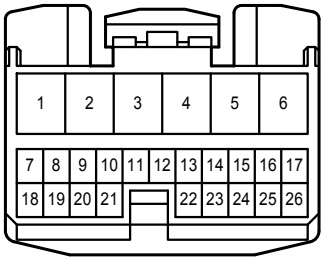

E50(A), E61(D)
Main Body ECU
LGCY
TR+
PRG
RDA
HRLY
(BAT)
50A
H–LP
MAIN
10A
DOME
H–LP Relay
L30(A), L31(B)
Junction Connector
L18
Luggage Compartment
Door Lock Assembly
M12
Door Control Receiver
E56(A), E57(B)
Junction Connector
D+
ACT+
Courtesy
PRG
RDA
+B
GND
L3
M1
AE11
EL1
EM1
2A
2B
2S
4A
1D
LG
R
R–B
R–G
Y
G
P
W–B
B

A 42
Black

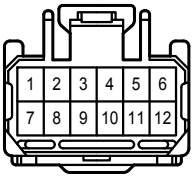
E 5
White



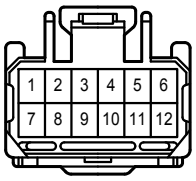
E 50
White



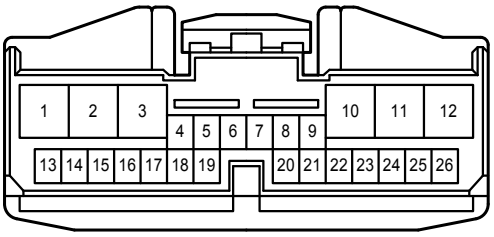
E 56
White



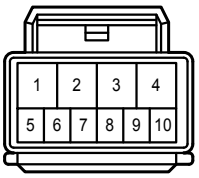
E 57
White



E 61
White



H 6
White



I 5
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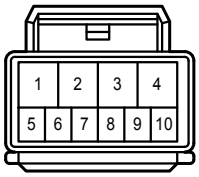

J 3
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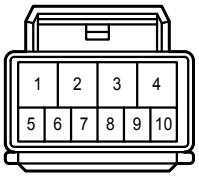

K 3
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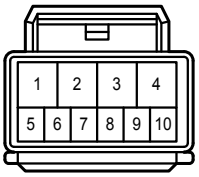
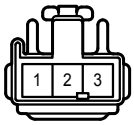


L 3
Black

L 5
Black

L 18
Black



L 30
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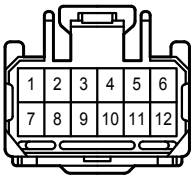

L 31
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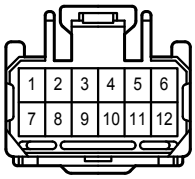
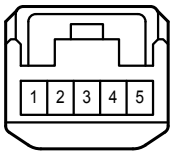


M 1
Black

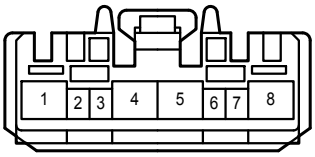
M 3
Black

M 12
White



O 1
Gray

1A
White



1D
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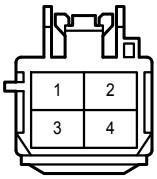

2A
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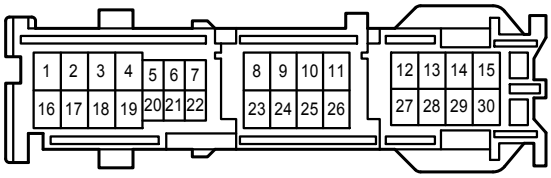
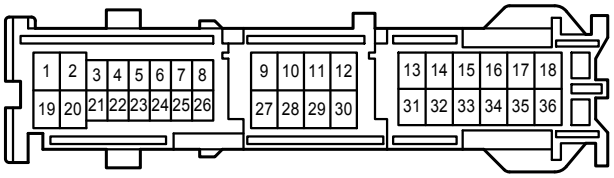
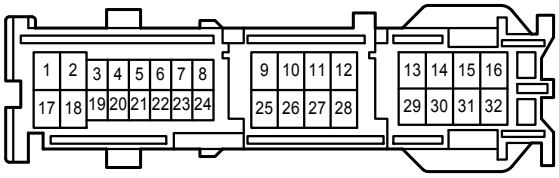


2B
White

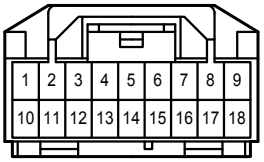


2E
White

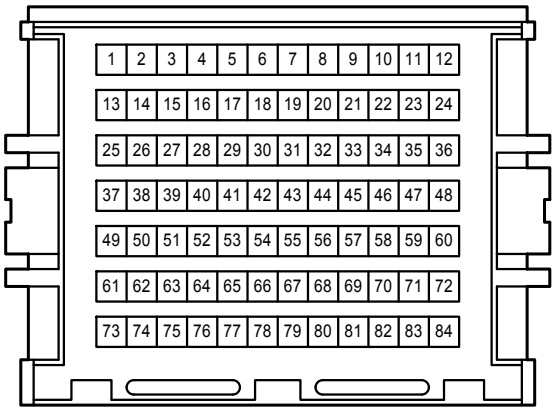


2K
White

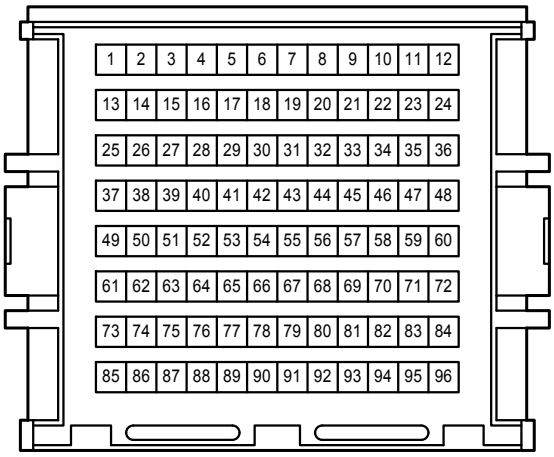
2S
White



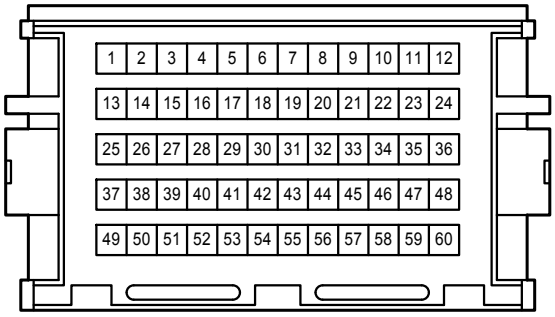
3B
White



4A
White



4C
White



AE3
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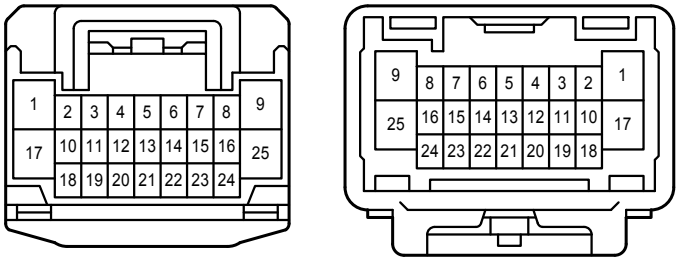

AE11
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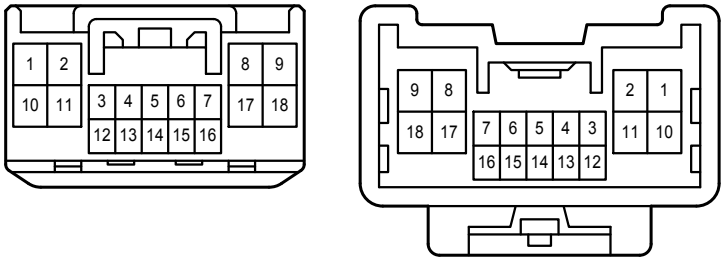
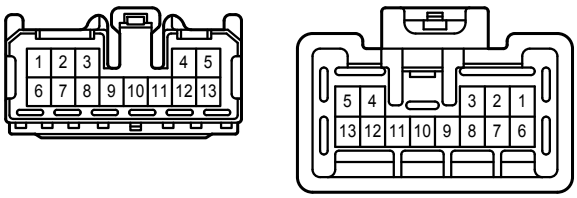
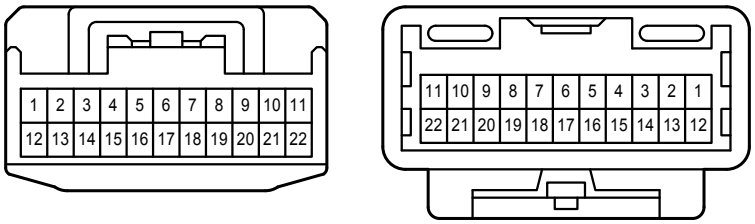


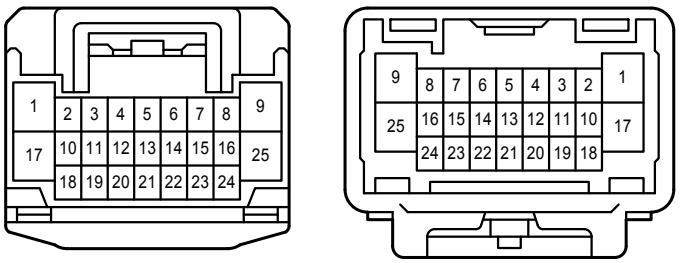
EL1
White



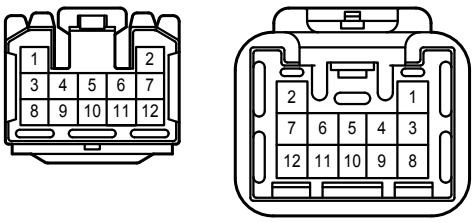
EL2
White



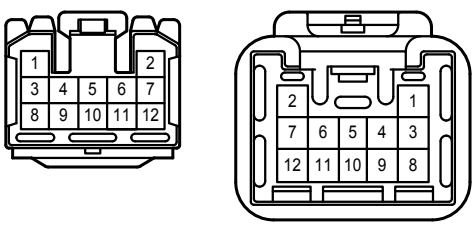
EM1
Gray



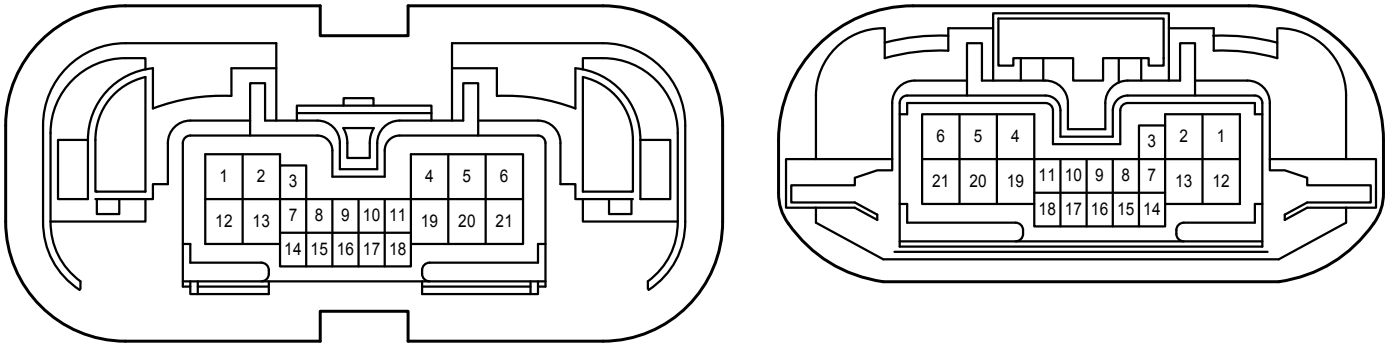
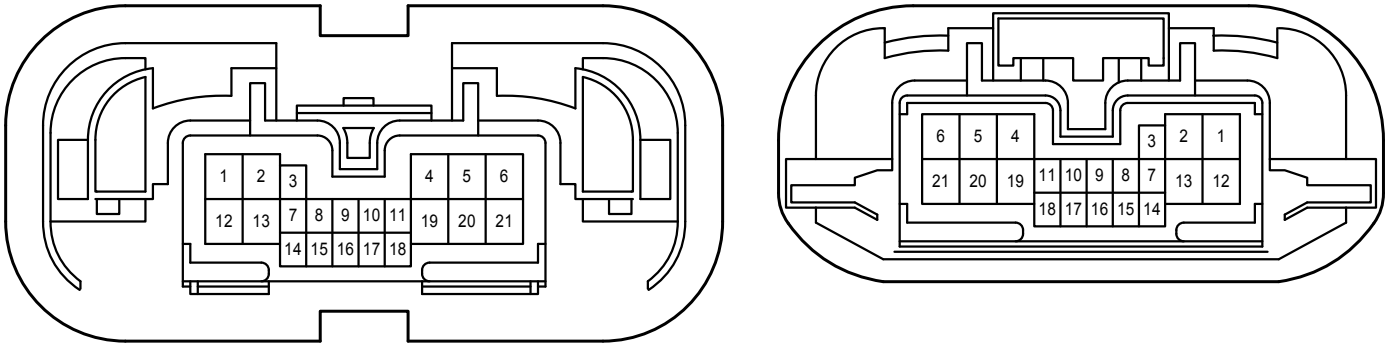
HE1
Blue



IE1
Blue



JM1
White



KL1
White