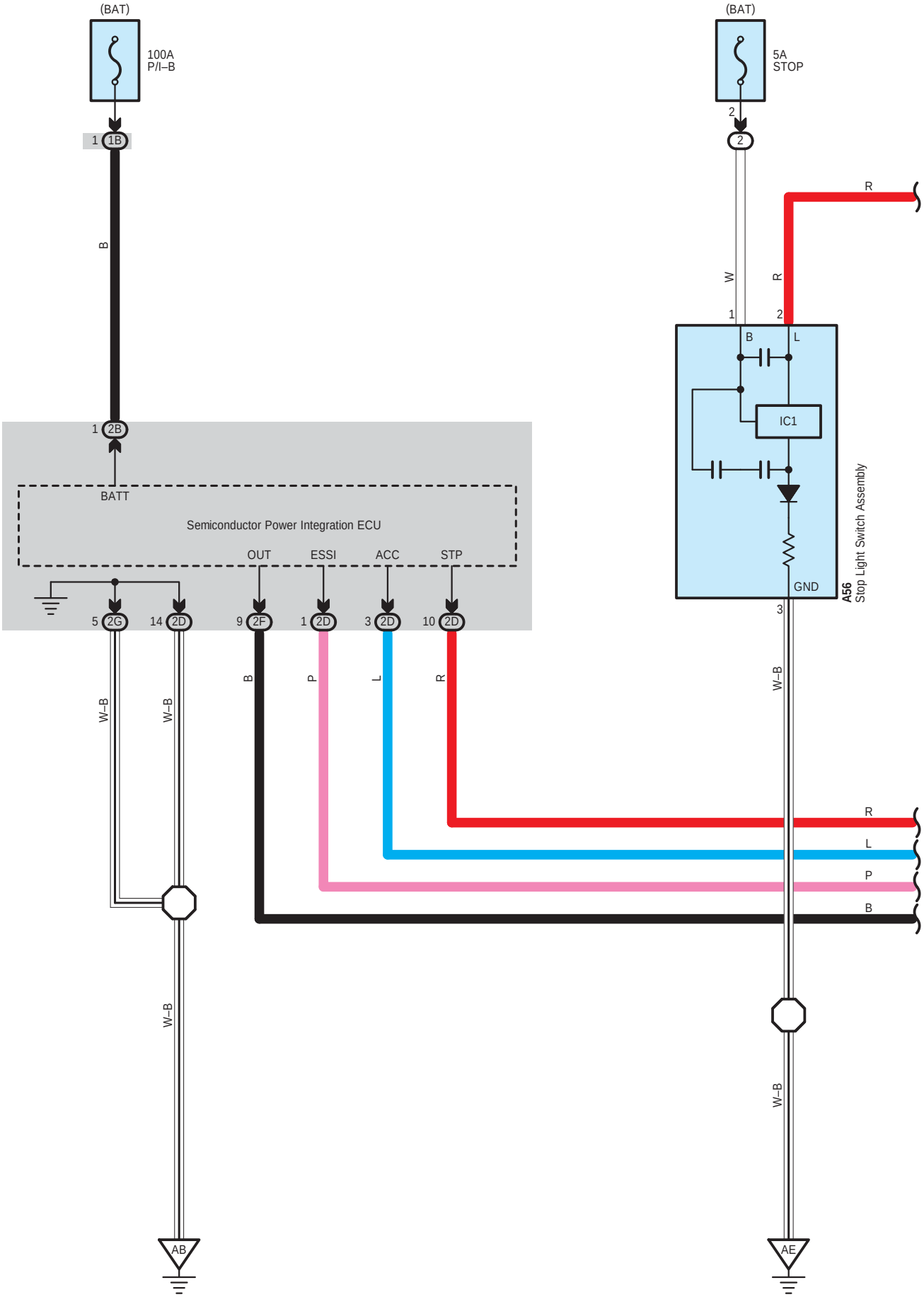
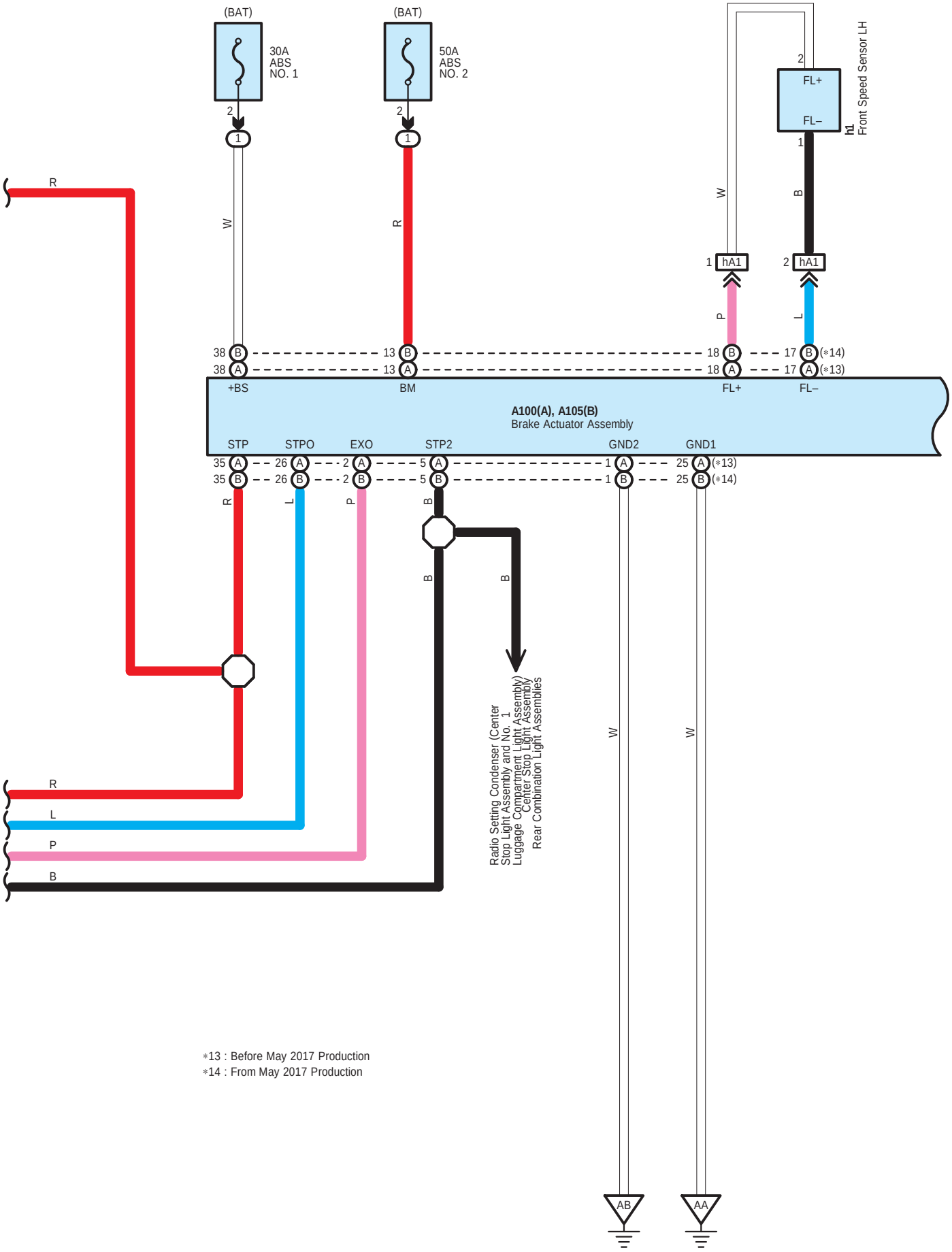
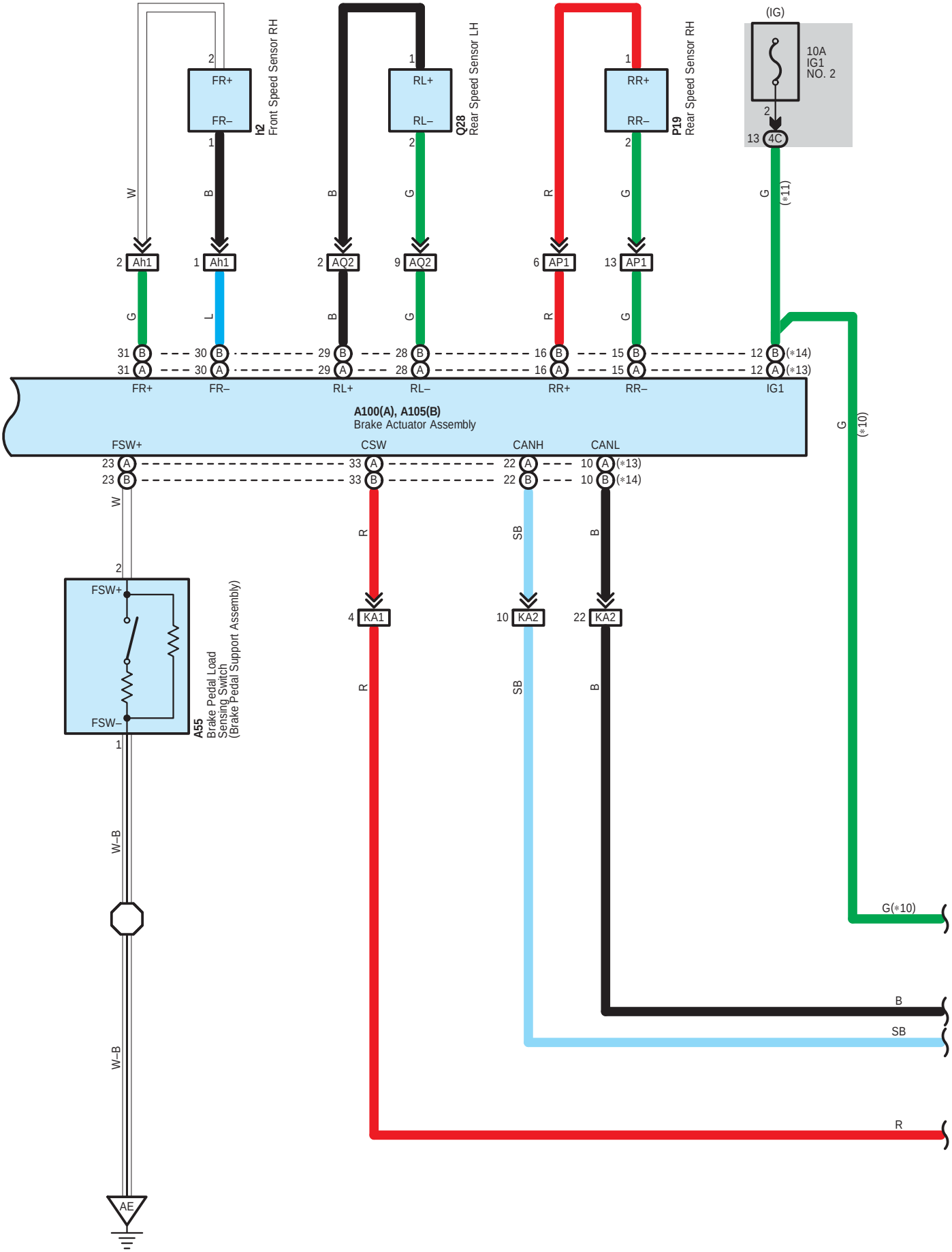
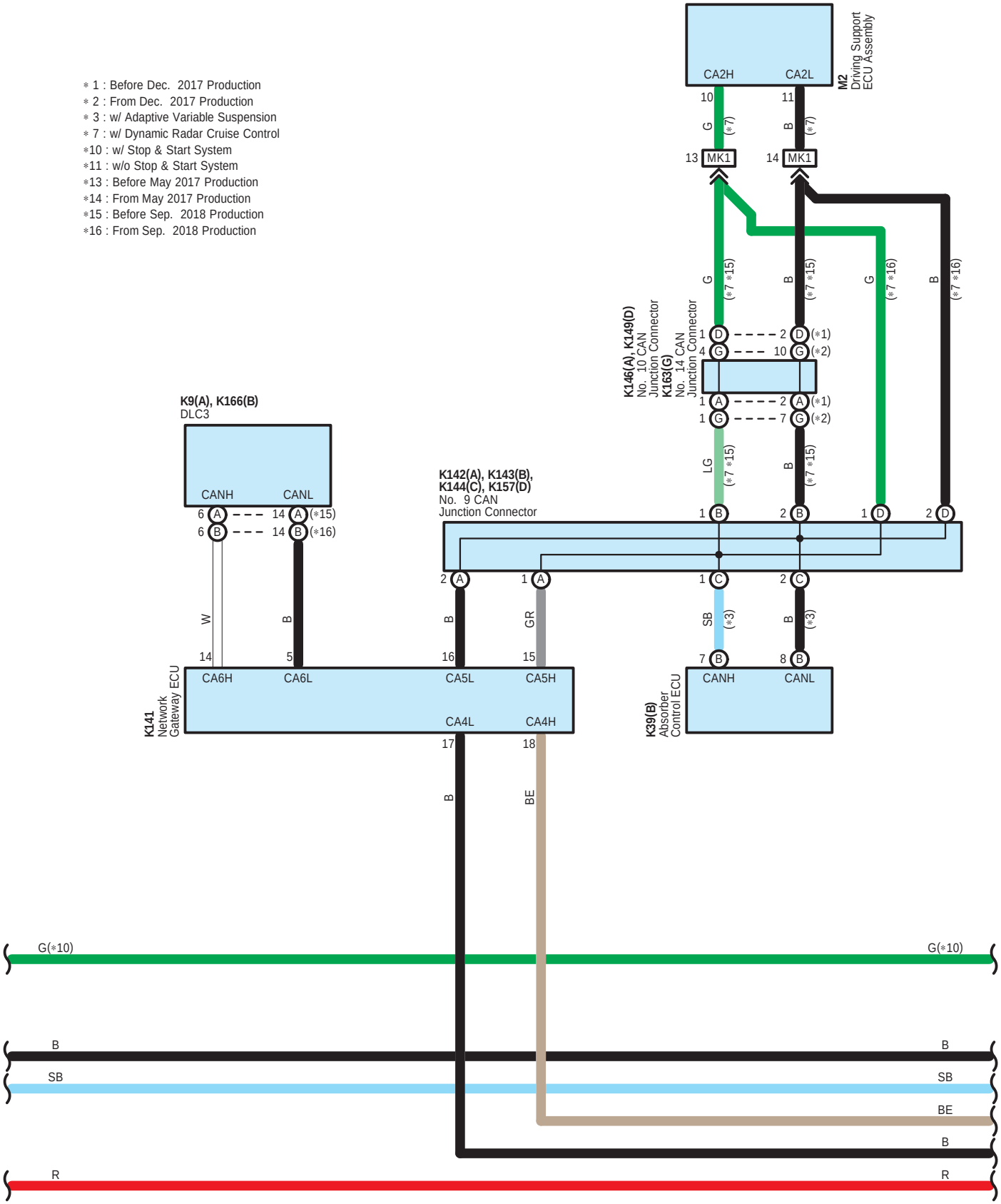
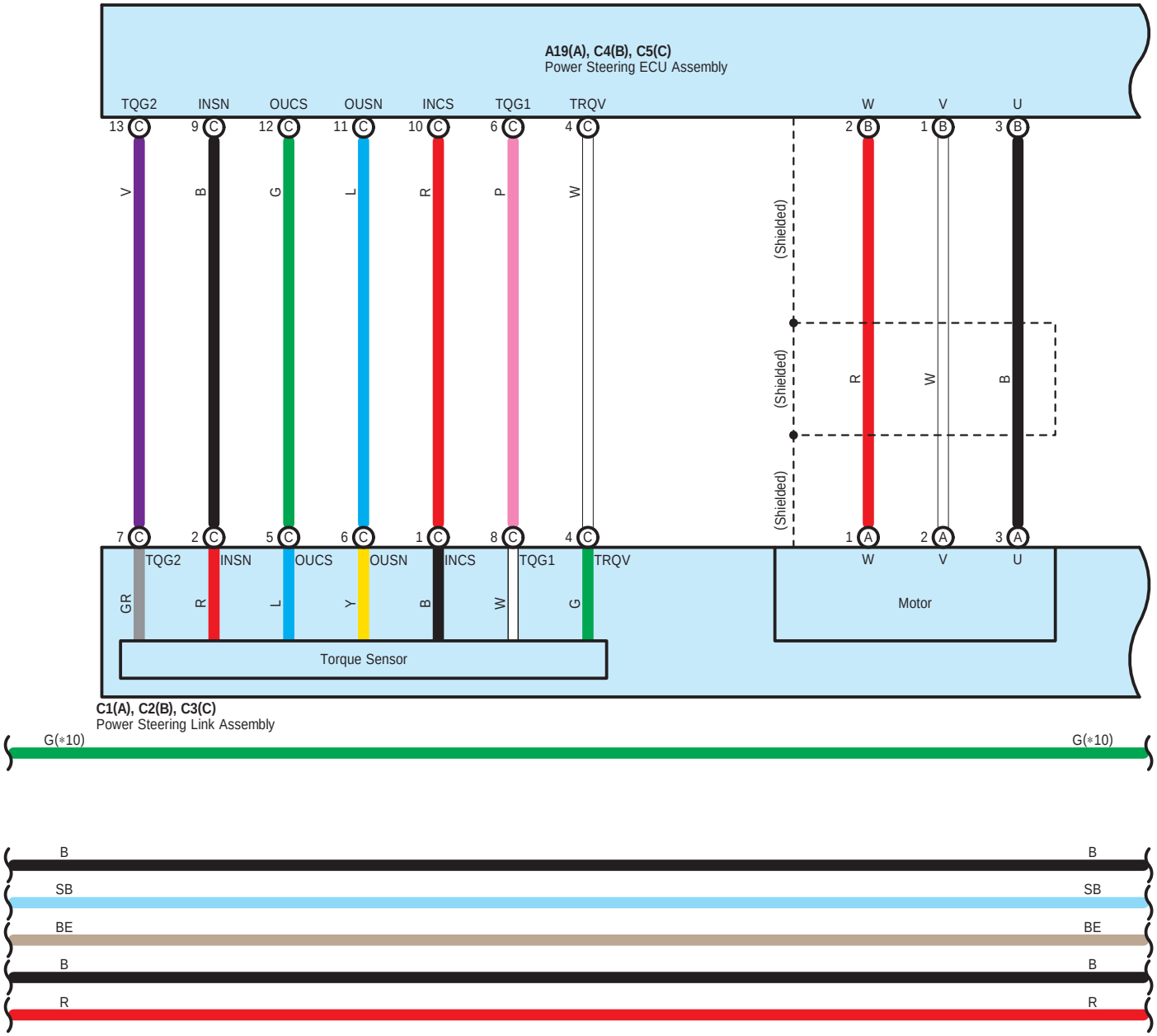

(BAT)
100A
P/I–B
1
1B
B
1
2B
BATT
Semiconductor Power Integration ECU
OUT
ESSI
ACC
STP
5
2G
14
2D
9
2F
1
2D
3
2D
10
2D
W–B
W–B
B
P
L
R
W–B
AB
(BAT)
5A
STOP
2
2
W
R
R
1
2
B
L
IC1
GND
A56
Stop Light Switch Assembly
3
W–B
R
L
P
B
W–B
AE



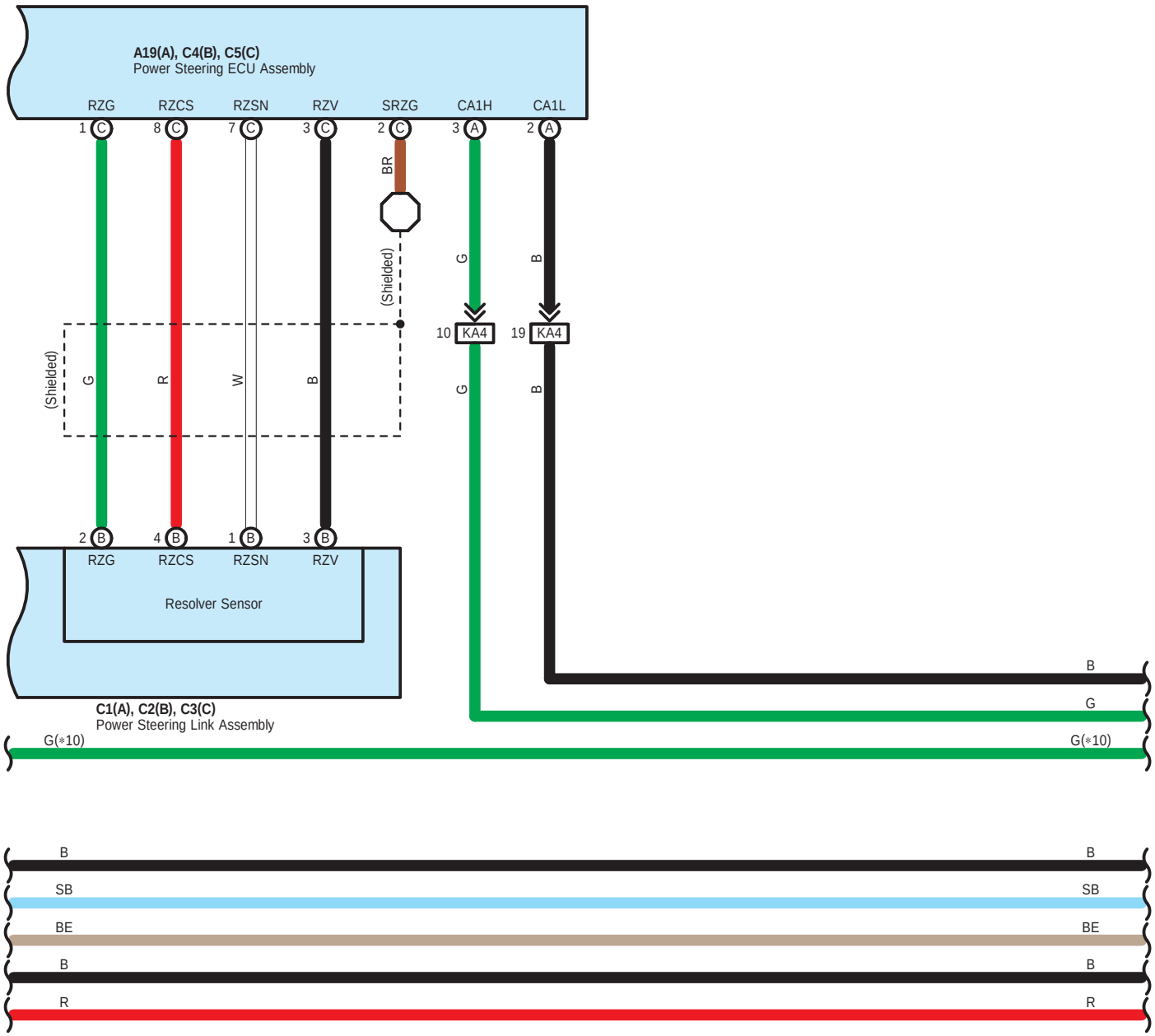
∗13 : Before May 2017 Production
∗14 : From May 2017 Production

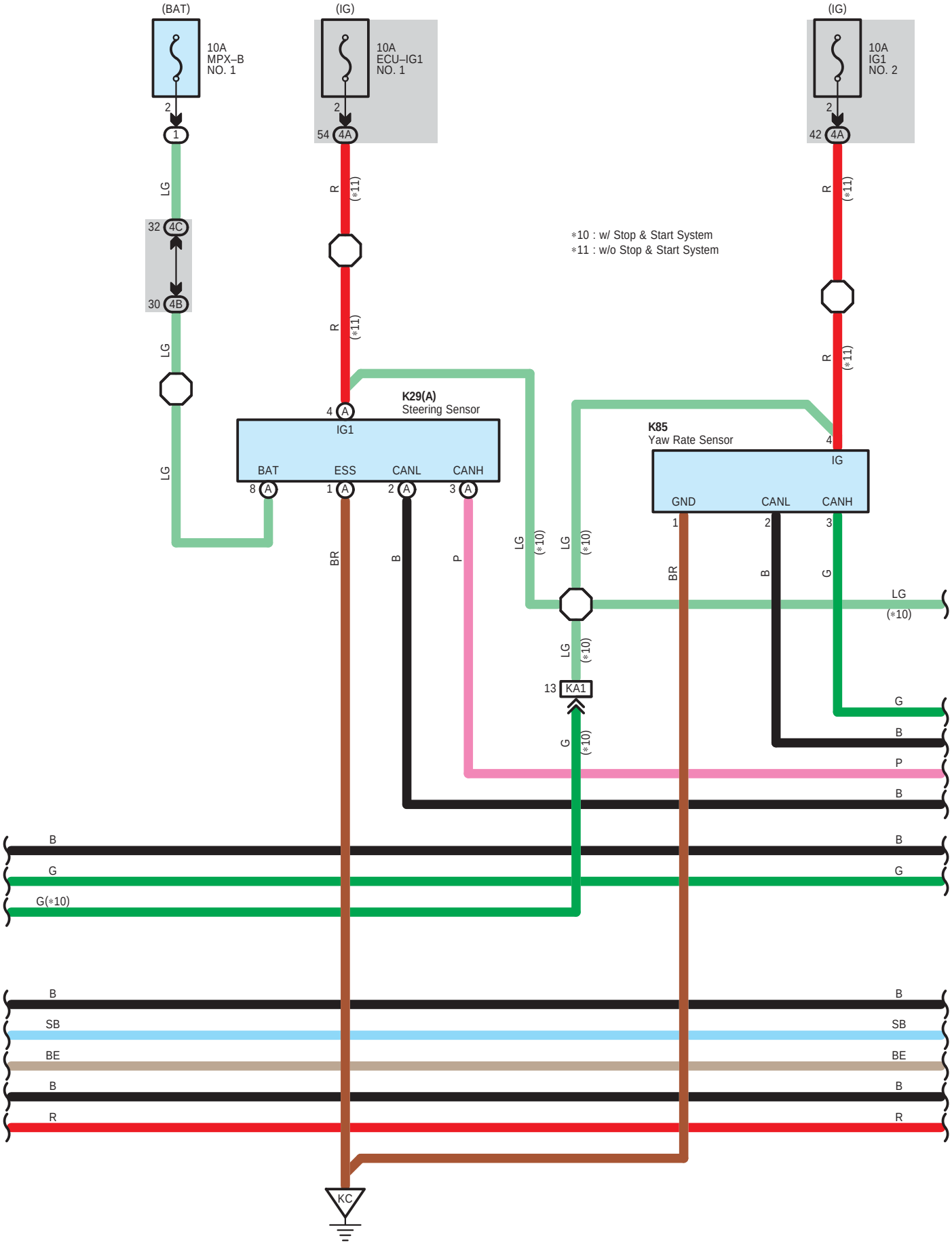

h2
Front Speed Sensor RH
FR+
FR–
Q28
Rear Speed Sensor LH
RL+
RL–
P19
Rear Speed Sensor RH
RR+
RR–
(IG)
10A
IG1
NO. 2
4C
Ah1
AQ2
AP1
(*11)
(*14)
(*13)
FR+
FR–
RL+
RL–
RR+
RR–
IG1
A100(A), A105(B)
Brake Actuator Assembly
(*10)
FSW+
CSW
CANH
CANL
(*13)
(*14)
KA1
KA2
A55
Brake Pedal Load
Sensing Switch
(Brake Pedal Support Assembly)
FSW–
W–B
AE
G(*10)
B
SB
R

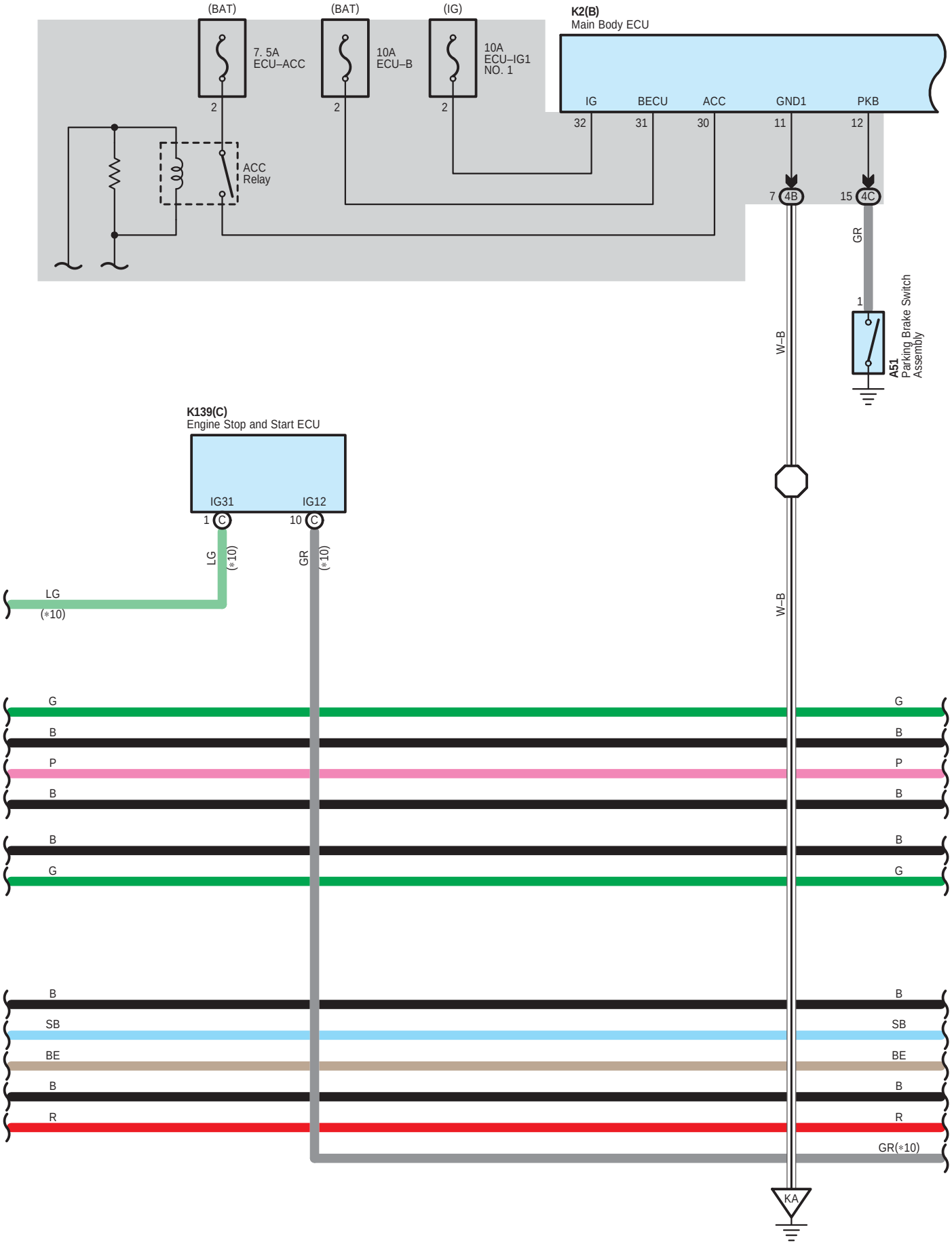

∗ 1 : Before Dec. 2017 Production
∗ 2 : From Dec. 2017 Production
∗ 3 : w/ Adaptive Variable Suspension
∗ 7 : w/ Dynamic Radar Cruise Control
∗10 : w/ Stop & Start System
∗11 : w/o Stop & Start System
∗13 : Before May 2017 Production
∗14 : From May 2017 Production
∗15 : Before Sep. 2018 Production
∗16 : From Sep. 2018 Production
M2
Driving Support ECU Assembly
CA2H
CA2L
MK1
K146(A), K149(D)
No. 10 CAN Junction Connector
K163(G)
No. 14 CAN Junction Connector
K9(A), K166(B)
DLC3
CANH
CANL
K142(A), K143(B), K144(C), K157(D)
No. 9 CAN Junction Connector
K141
Network Gateway ECU
CA6H
CA6L
CA5L
CA5H
CA4L
CA4H
K39(B)
Absorber Control ECU
G(∗10)
B
SB
BE
R

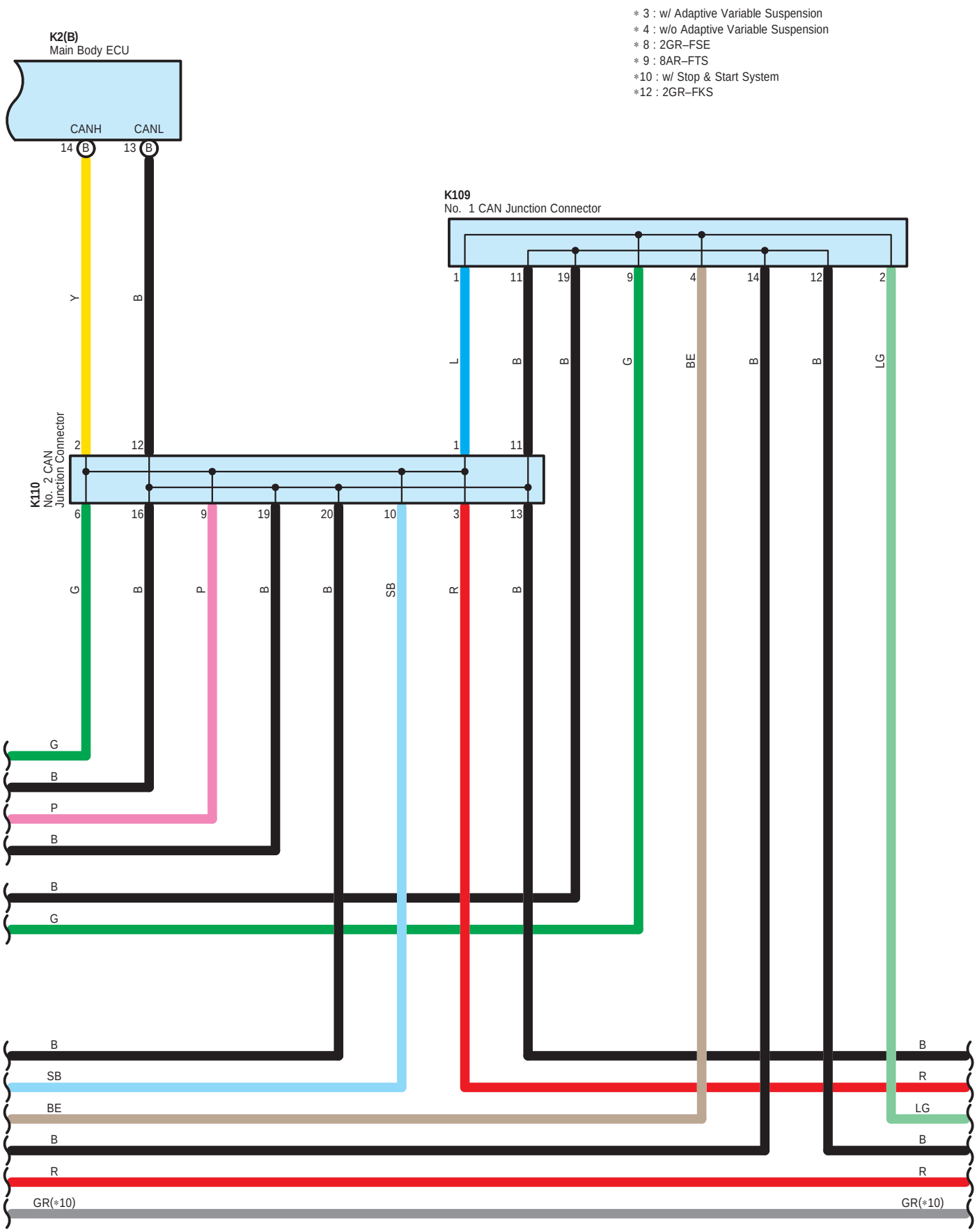

A19(A), C4(B), C5(C)
Power Steering ECU Assembly
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
W
V
U
13 C
9 C
12 C
11 C
10 C
6 C
4 C
2 B
1 B
3 B
V
B
G
L
R
P
W
(Shielded)
(Shielded)
(Shielded)
R
W
B
7 C
2 C
5 C
6 C
1 C
8 C
4 C
1 A
2 A
3 A
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
W
V
U
GR
R
L
Y
B
W
G
Motor
Torque Sensor
C1(A), C2(B), C3(C)
Power Steering Link Assembly
G(*10)
G(*10)
B
B
SB
SB
BE
BE
B
B
R
R

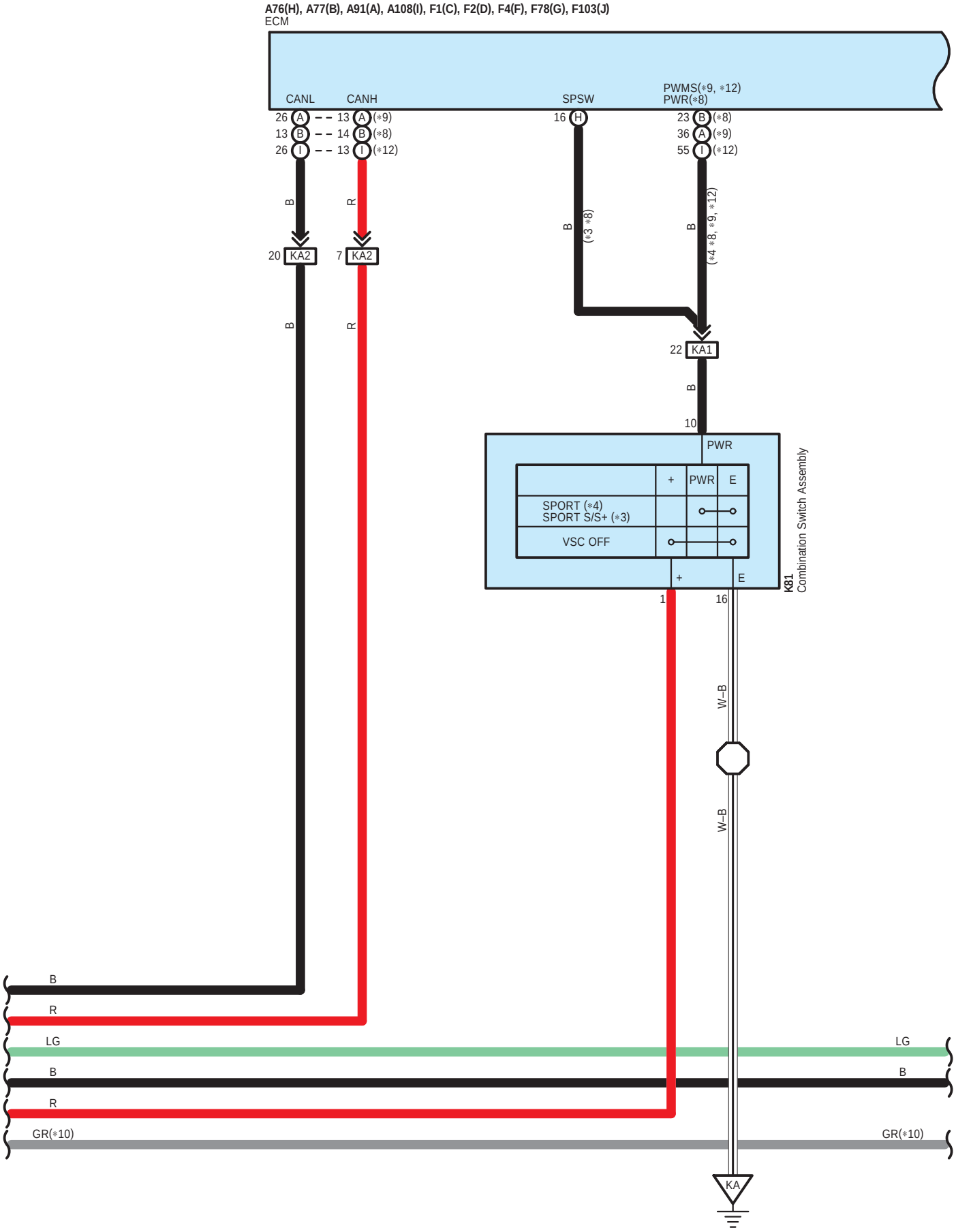
∗10 : w/ Stop & Start System

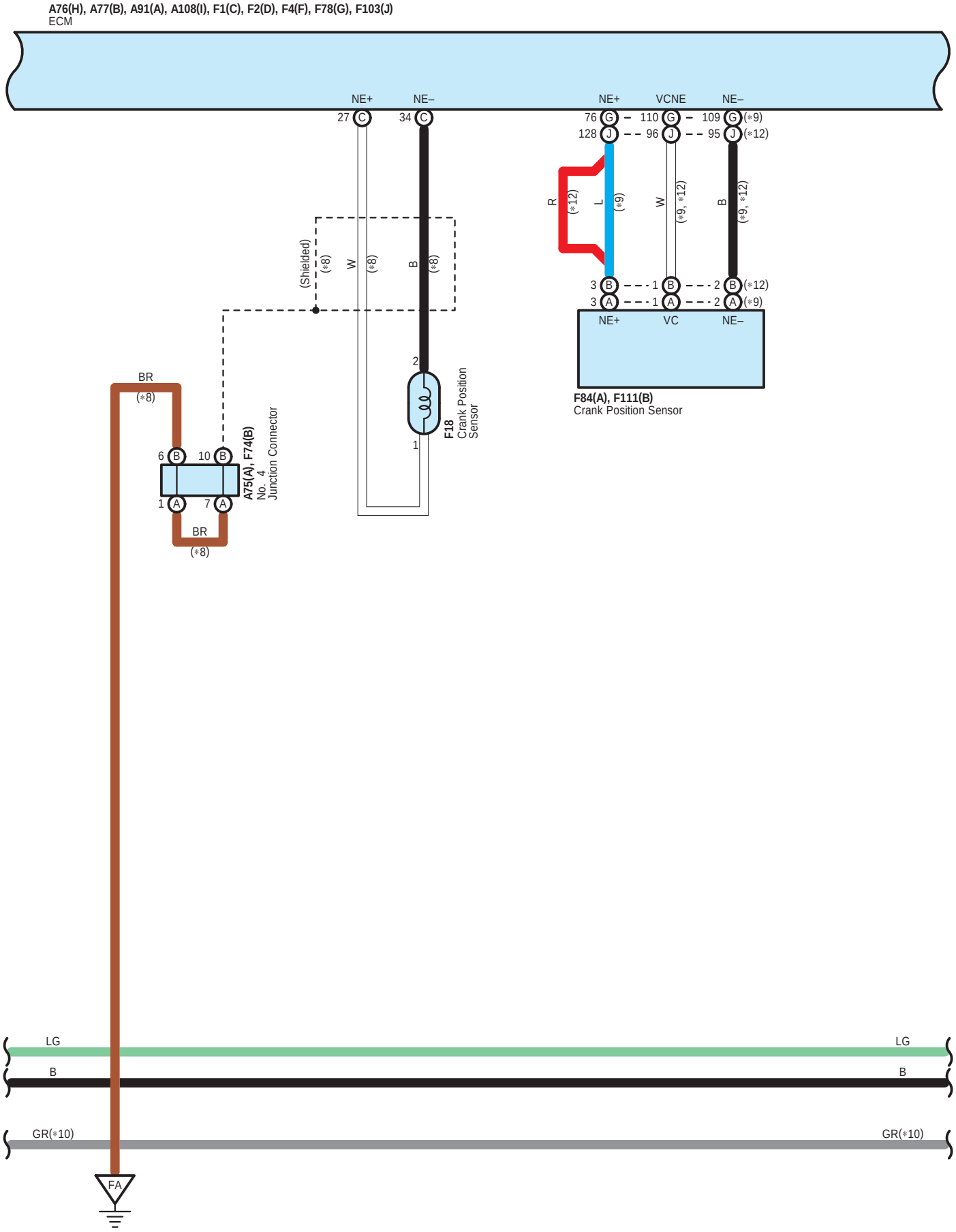



(BAT)
10A
MPX–B
NO. 1
(IG)
10A
ECU–IG1
NO. 1
(IG)
10A
IG1
NO. 2
∗10 : w/ Stop & Start System
∗11 : w/o Stop & Start System
K29(A)
Steering Sensor
IG1
BAT
ESS
CANL
CANH
K85
Yaw Rate Sensor
IG
GND
CANL
CANH
KA1
KC

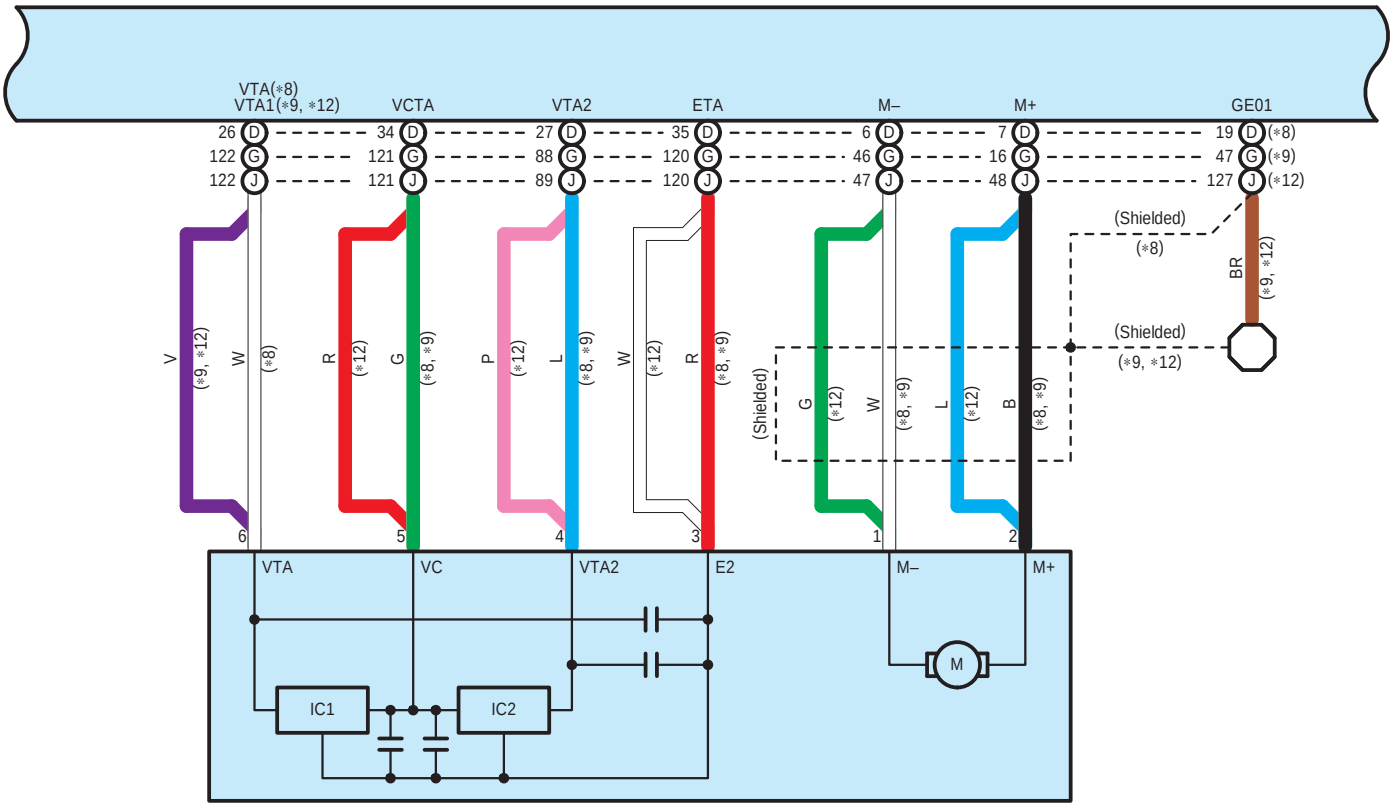

(BAT)
7. 5A
ECU–ACC
(BAT)
10A
ECU–B
(IG)
10A
ECU–IG1
NO. 1
K2(B)
Main Body ECU
IG
BECU
ACC
GND1
PKB
32
31
30
11
12
2
2
2
ACC
Relay
7 4B
15 4C
GR
1
A51
Parking Brake Switch
Assembly
W–B
K139(C)
Engine Stop and Start ECU
IG31
IG12
1 C
10 C
LG
(*10)
GR
(*10)
LG
(*10)
W–B
G
B
P
B
B
G
B
SB
BE
B
R
GR(*10)
KA


∗ 3 : w/ Adaptive Variable Suspension
∗ 4 : w/o Adaptive Variable Suspension
∗ 8 : 2GR–FSE
∗ 9 : 8AR–FTS
∗10 : w/ Stop & Start System
∗12 : 2GR–FKS
K2(B)
Main Body ECU
CANH
CANL
14 B
13 B
K109
No. 1 CAN Junction Connector
K110
No. 2 CAN Junction Connector
Y
B
L
G
BE
LG
P
SB
R
GR(∗10)


A76(H), A77(B), A91(A), A108(I), F1(C), F2(D), F4(F), F78(G), F103(J)
ECM
CANL
CANH
SPSW
PWMS(∗9, ∗12)
PWR(∗8)
26 A
13 B
26 I
13 A (∗9)
14 B (∗8)
13 I (∗12)
16 H
23 B (∗8)
36 A (∗9)
55 I (∗12)
B
R
B
(∗3 ∗8)
B
(∗4 ∗8, ∗9, ∗12)
20 KA2
7 KA2
B
R
22 KA1
B
10
PWR
+
PWR
E
SPORT (∗4)
SPORT S/S+ (∗3)
VSC OFF
+
E
1
16
K81
Combination Switch Assembly
W–B
W–B
B
R
LG
LG
B
B
R
GR(∗10)
GR(∗10)
KA

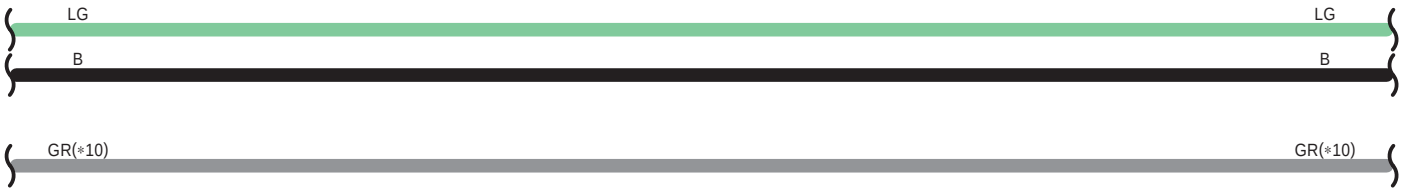

A76(H), A77(B), A91(A), A108(I), F1(C), F2(D), F4(F), F78(G), F103(J)
ECM
NE+
NE–
27 C
34 C
NE+
VCNE
NE–
76 G
110 G
109 G (∗9)
128 J
96 J
95 J (∗12)
R (∗12)
L (∗9)
W (∗9, ∗12)
B (∗9, ∗12)
(Shielded)
(∗8)
W (∗8)
B (∗8)
3 B
1 B
2 B (∗12)
3 A
1 A
2 A (∗9)
NE+
VC
NE–
F84(A), F111(B)
Crank Position Sensor
2
1
F18
Crank Position Sensor
BR
(∗8)
6 B
10 B
1 A
7 A
A75(A), F74(B)
No. 4
Junction Connector
BR
(∗8)
LG
LG
B
B
GR(∗10)
GR(∗10)
FA

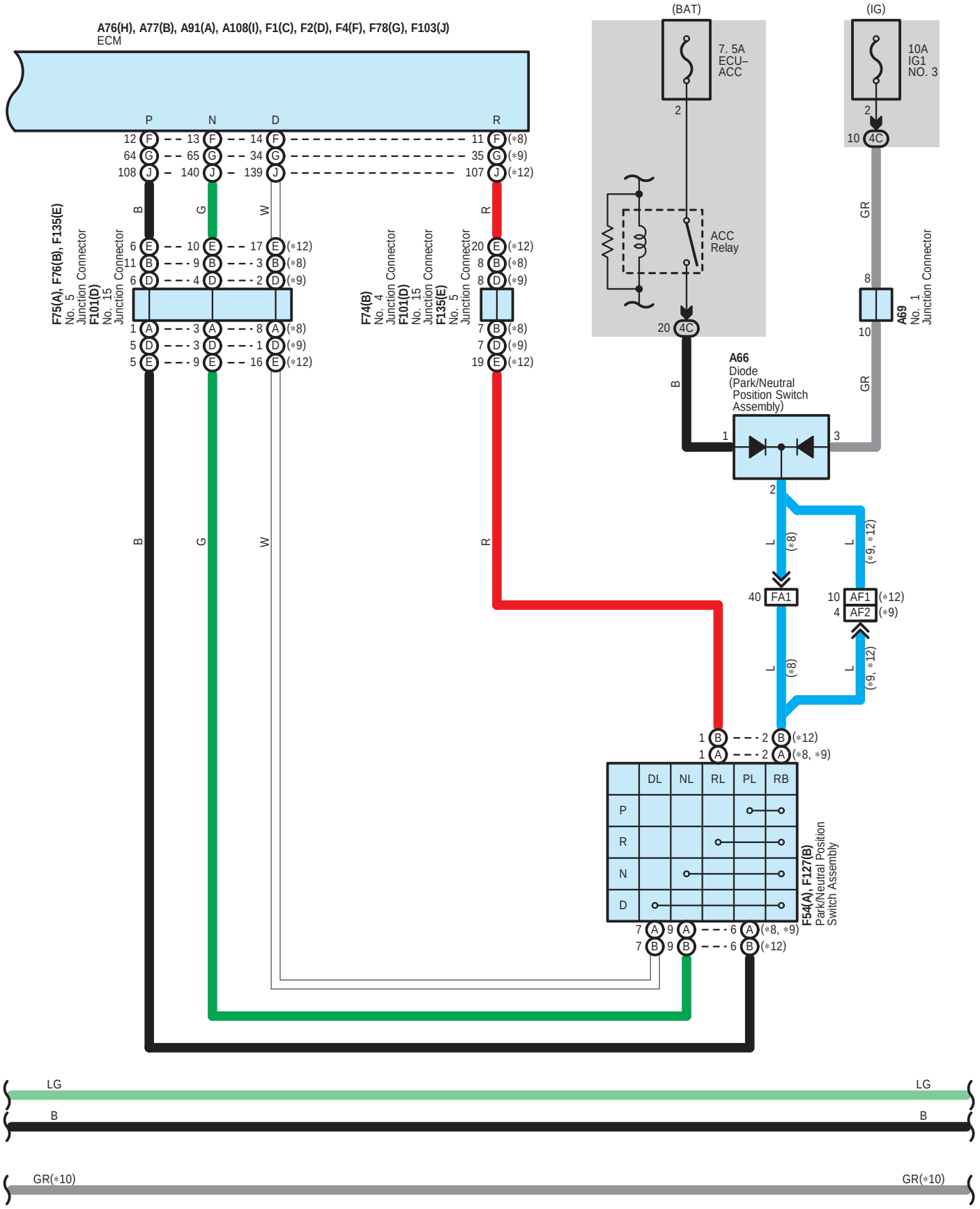
A76(H), A77(B), A91(A), A108(I), F1(C), F2(D), F4(F), F78(G), F103(J)
ECM

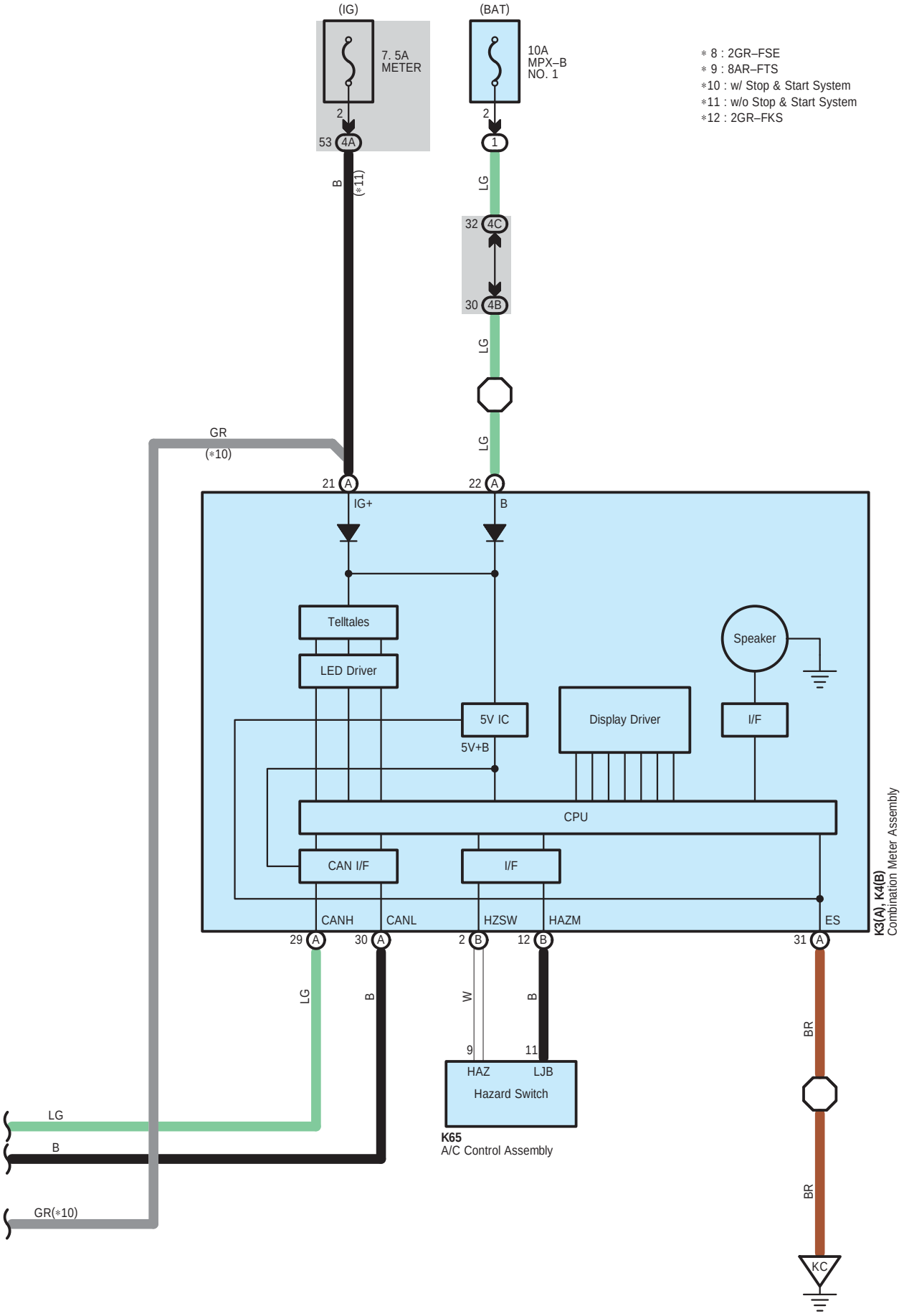


F21
Throttle Body with Motor Assembly

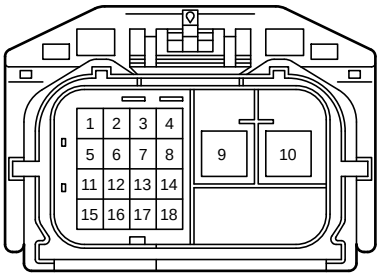
∗ 8 : 2GR–FSE
∗ 9 : 8AR–FTS
∗10 : w/ Stop & Start System
∗12 : 2GR–FKS




A76(H), A77(B), A91(A), A108(I), F1(C), F2(D), F4(F), F78(G), F103(J)
ECM
P
N
D
R
(BAT)
(IG)
7. 5A
ECU–
ACC
10A
IG1
NO. 3
ACC
Relay
A66
Diode
(Park/Neutral
Position Switch
Assembly)
F75(A), F76(B), F135(E)
No. 5
Junction Connector
F101(D)
No. 15
Junction Connector
F74(B)
No. 4
Junction Connector
F101(D)
No. 15
Junction Connector
F135(E)
No. 5
Junction Connector
A69
No. 1
Junction Connector
FA1
AF1
AF2
DL
NL
RL
PL
RB
F54(A), F127(B)
Park/Neutral Position
Switch Assembly
LG
B
GR(*10)


(IG)
7. 5A
METER
(BAT)
10A
MPX–B
NO. 1
∗ 8 : 2GR–FSE
∗ 9 : 8AR–FTS
∗10 : w/ Stop & Start System
∗11 : w/o Stop & Start System
∗12 : 2GR–FKS
2
53 4A
B
(∗11)
2
1
LG
32 4C
30 4B
LG
LG
GR
(∗10)
21 A
22 A
IG+
B
Telltales
LED Driver
Speaker
5V IC
5V+B
Display Driver
I/F
CPU
CAN I/F
I/F
CANH
CANL
HZSW
HAZM
ES
29 A
30 A
2 B
12 B
31 A
K3(A), K4(B)
Combination Meter Assembly
LG
B
W
B
BR
9
11
HAZ
LJB
Hazard Switch
K65
A/C Control Assembly
LG
B
GR(∗10)
BR
KC

A19
Black

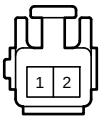


90980-12573

A51
Black

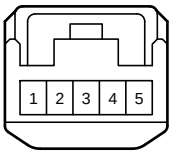
90980-10871

A55
Blue



90980-10825

A56
White

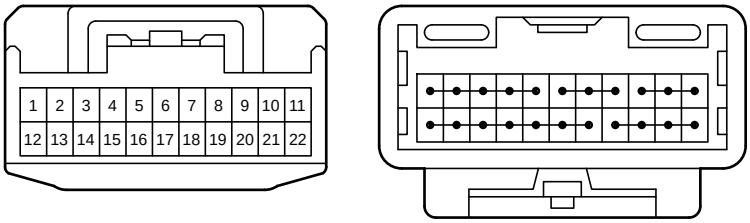


90980-12366

A66
Gray

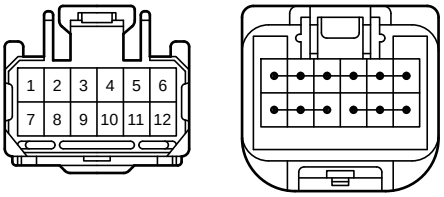
90980-11071

A69
White



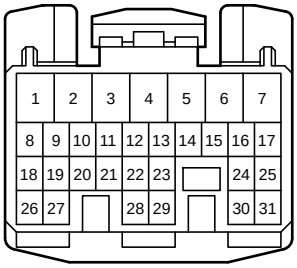
90980-12372

A75
Gray



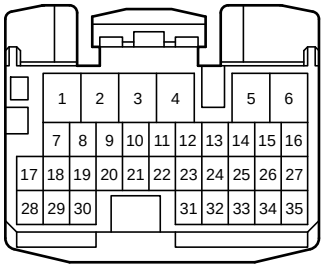
90980-11661

A76
White



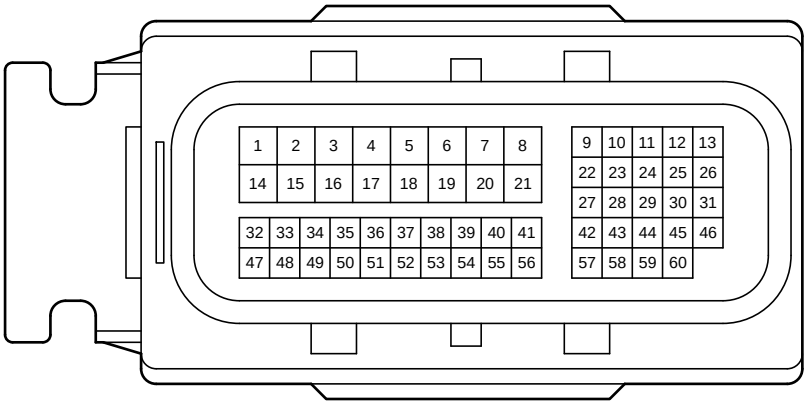
90980-12525

A77
White



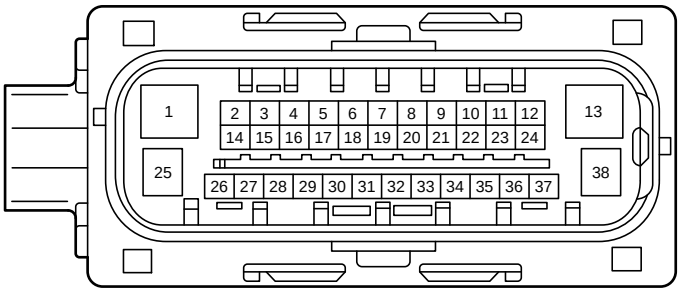
90980-12529

A91
Black



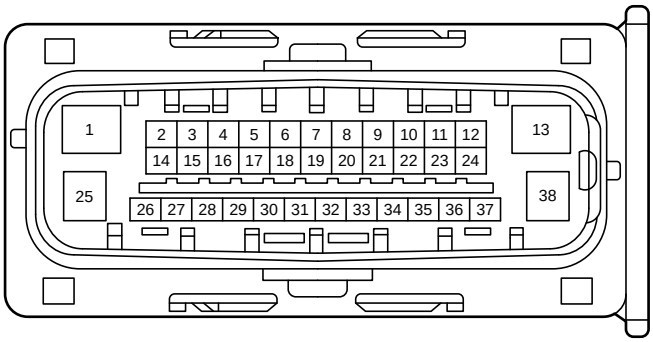
90980-12931

A100
Black



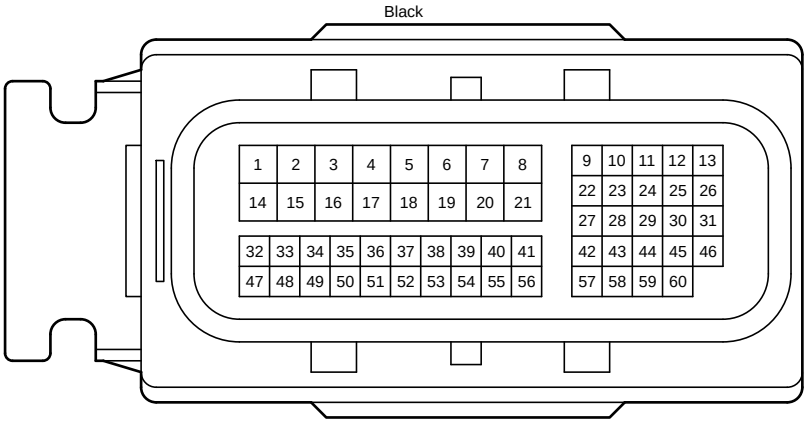
90980-12A95

A105
Black



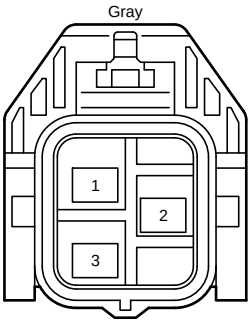
90980-12B01

A108
Black



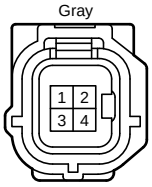
90980-12931

C1
Gray



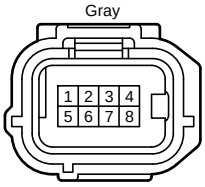
90980-12648

C2
Gray



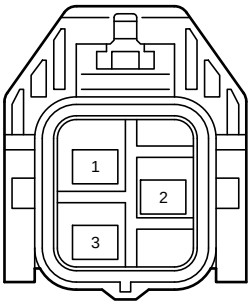
90980-12495

C3
Gray



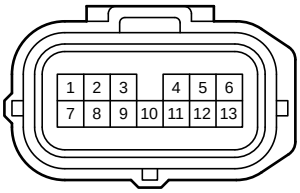
90980-12520

C4
Black



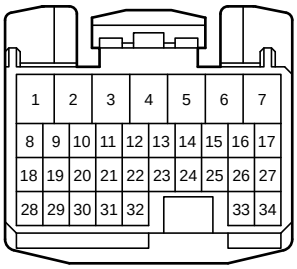
90980-12648

C5
Black



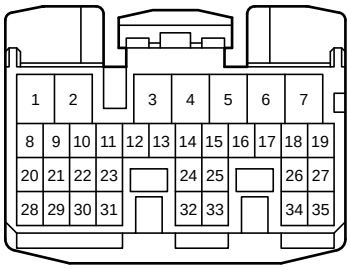
90980-12326

F1
White



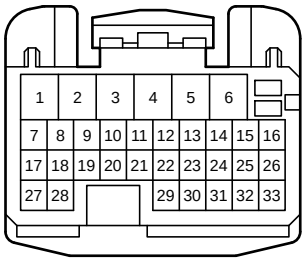
90980-12527

F2
White



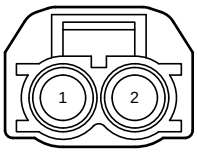
90980-12528

F4
White



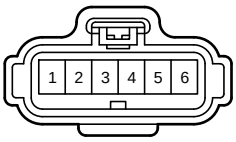
90980-12700

F18
Black



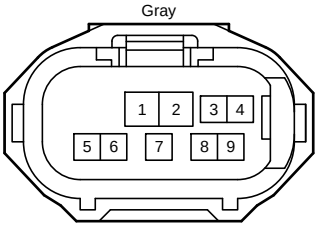
90980-12611

F21
Black



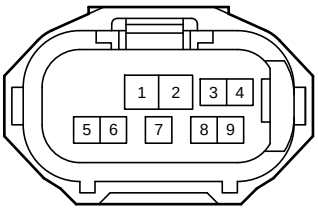
90980-11858

F54
Gray



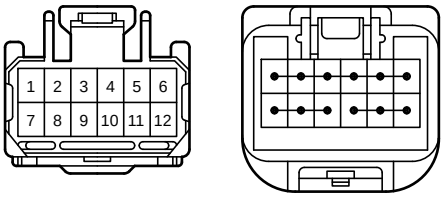
90980-12A23
(2GR-FSE, 4GR-FSE)

F54
Black



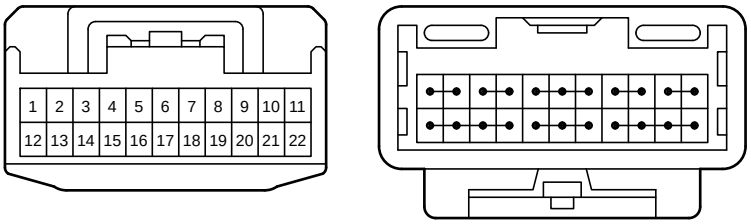
90980-12A23
(8AR-FTS)

F74
Gray



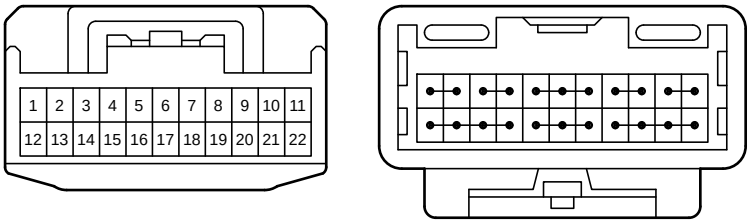
90980-11661

F75
Black



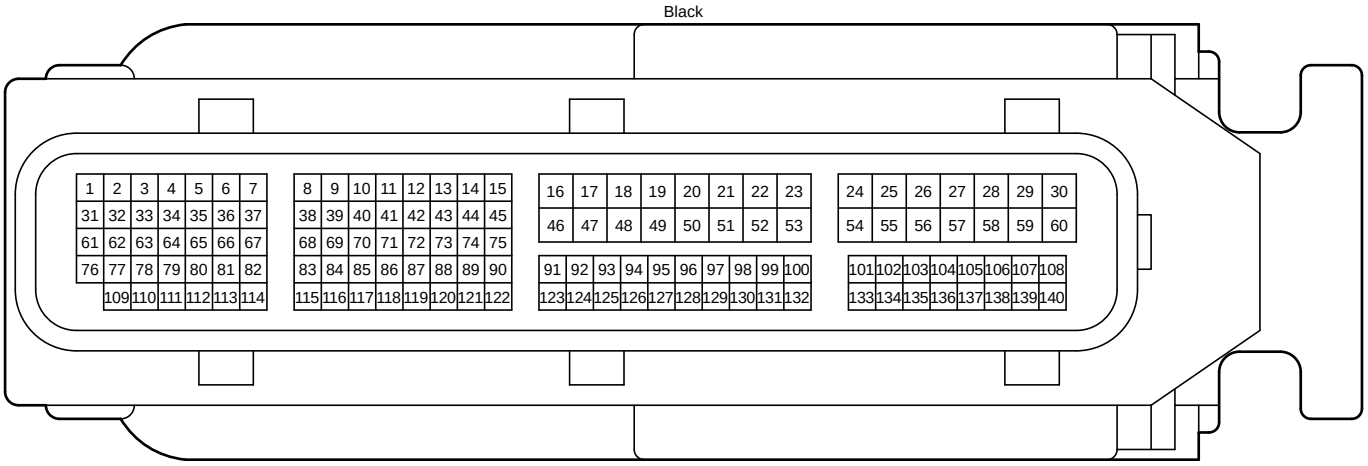
90980-12372

F76
Black



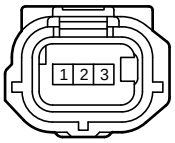
90980-12372

F78
Black



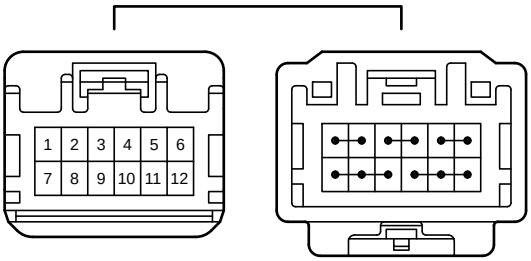
90980-12836

F84
Black



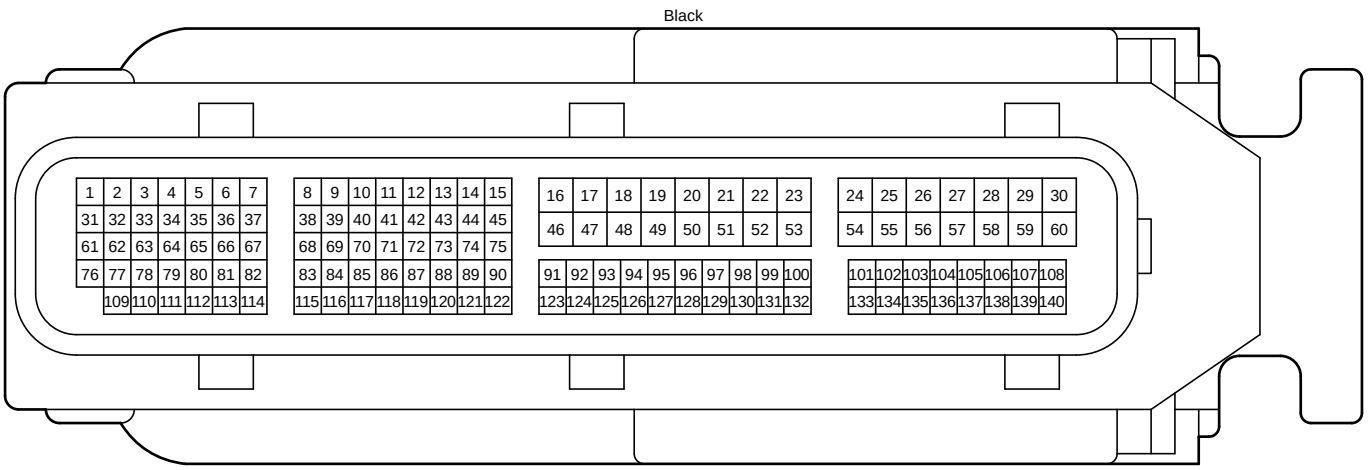
90980-12353

F101
Black



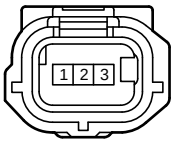
90980-12737

F103
Black



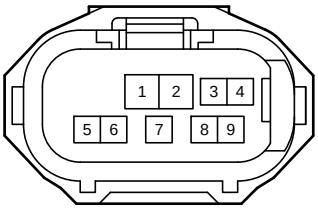
90980-12836

F111
Black



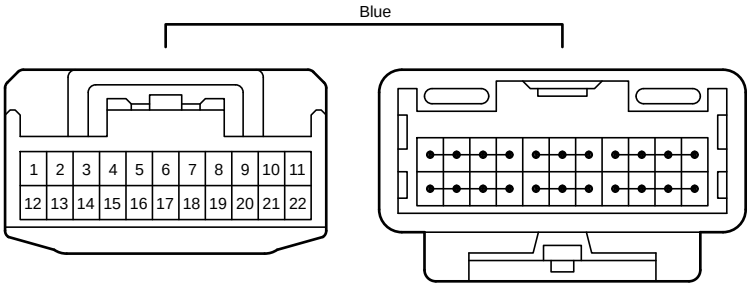
90980-12353

F127
Black



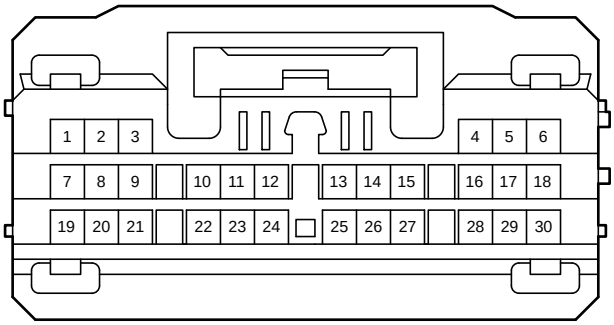
90980-12A23

F135
Blue



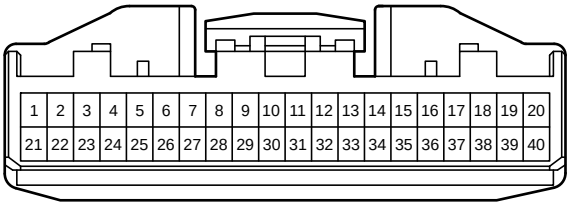
90980-12372

K2
White



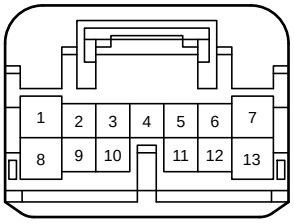
90980-12909

K3
Black



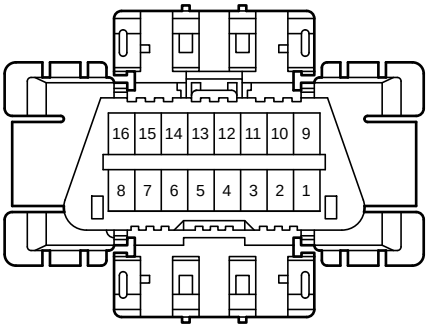
90980-12557

K4
Black



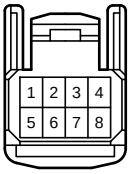
90980-12767

K9
White



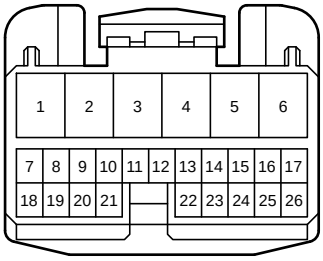
90980-11665

K29
Black



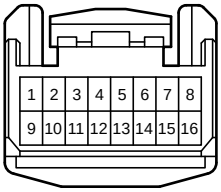
90980-12551

K39
Black



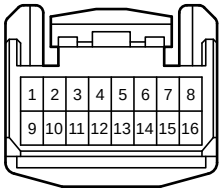
82824-50310

K65
Black



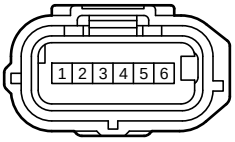
90980-12553

K81
Black



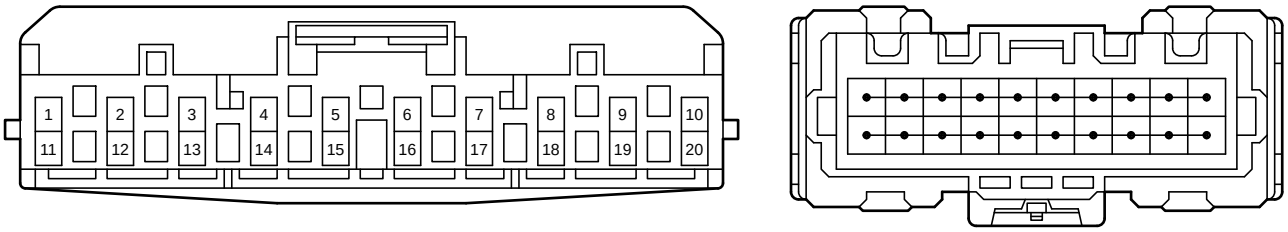
90980-12553

K85
Black



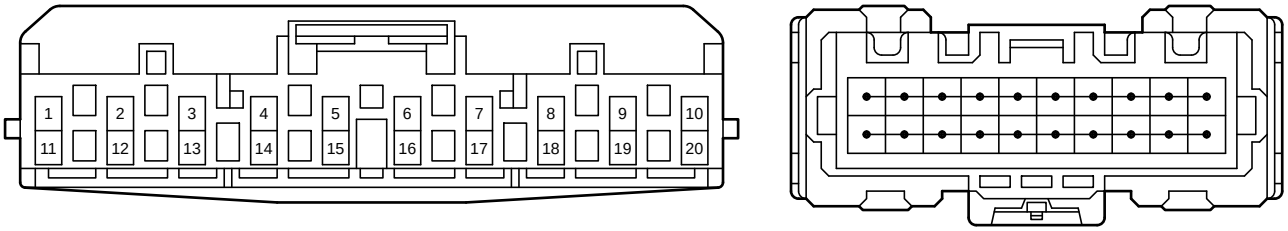
90980-12303

K109
White



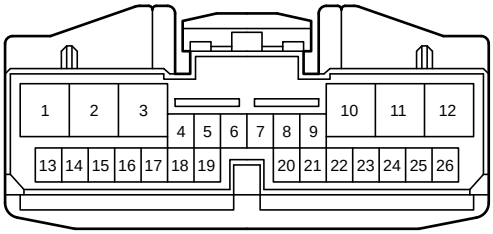
90980-12A58

K110
White



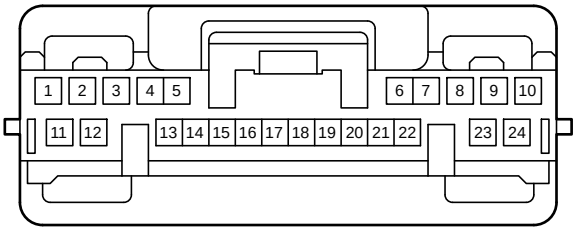
90980-12A58

K139
Black



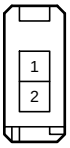
82824-12510

K141
Black



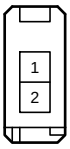
90980-12912

K142
White



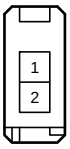
90980-12827

K143
White



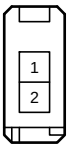
90980-12827

K144
White



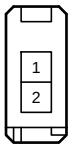
90980-12827

K146
White



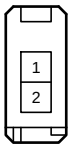
90980-12827

K149
White



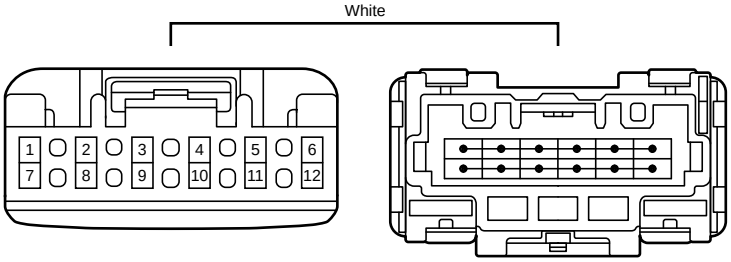
90980-12827

K157
White



90980-12827

K163
White



90980-12C68

K166
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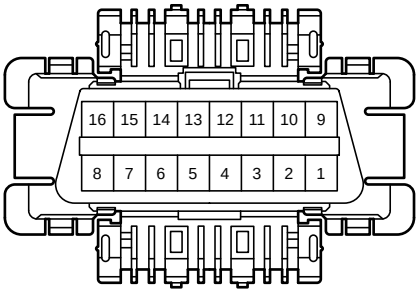
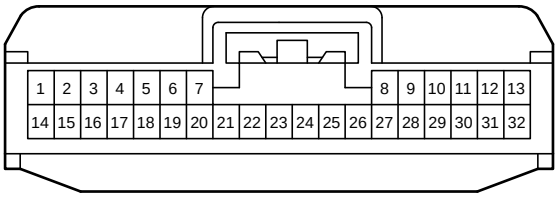


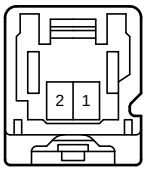
90980-12D97

M2
White



90980-12422

P19
White



90980-12936

Q28
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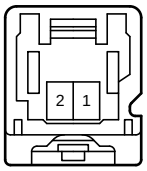


90980-12936

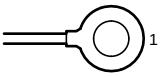
h1
Black

90980-11900

h2
Black

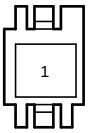
90980-11900

1B



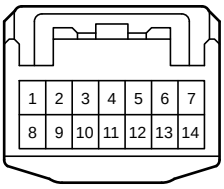
90980-09567

2B
Black



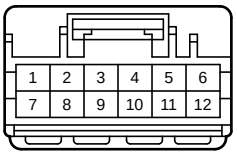
82660-30D50

2D
White



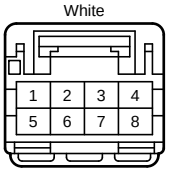
90980-12370

2F
White



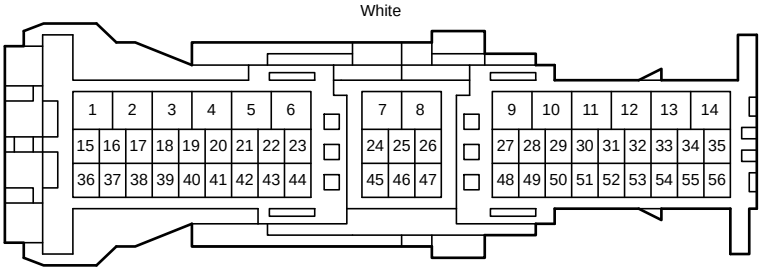
90980-12A56

2G
White



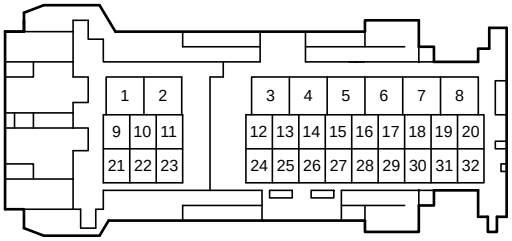
90980-12A54

4A
White



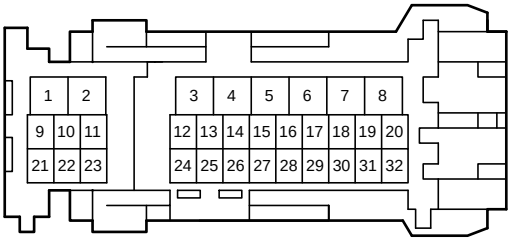
90980-12943

4B
White



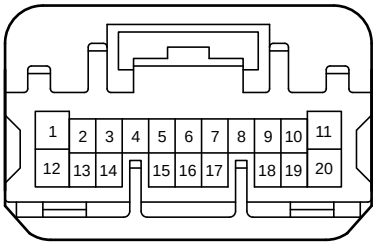
90980-12A48

4C
White

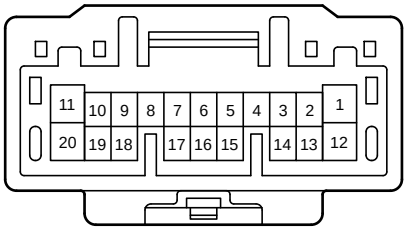


90980-12A47

AF1
White

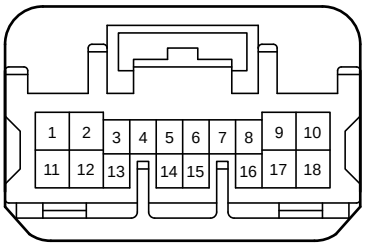


90980-12741

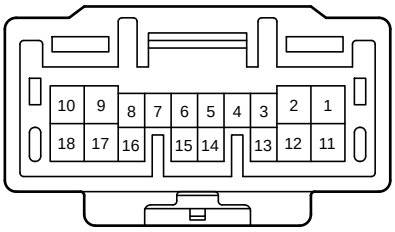


90980-12740

AF2
Gray

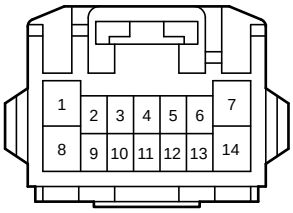


90980-12739

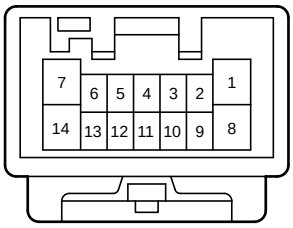


90980-12738

AP1
White

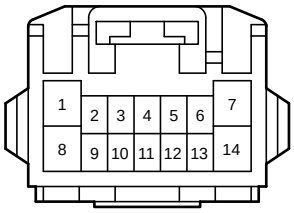


82824-53090

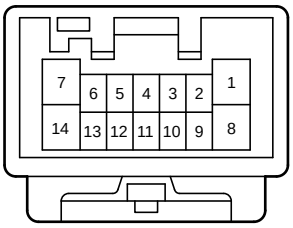


82824-53080

AQ2
White



82824-53090



82824-53080

Ah1
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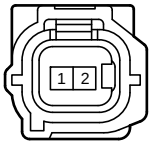
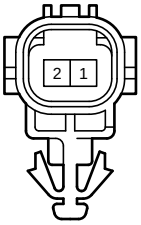


90980-12416



90980-12627

FA1
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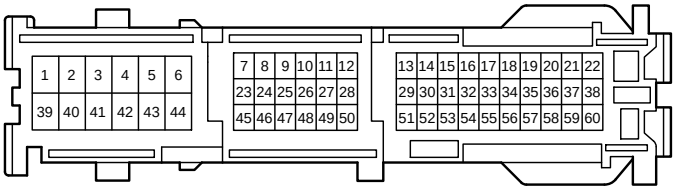
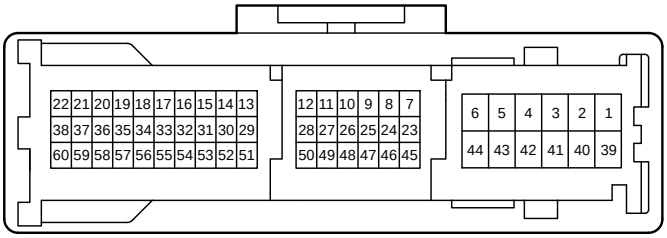


90980-12501



90980-12514

KA1
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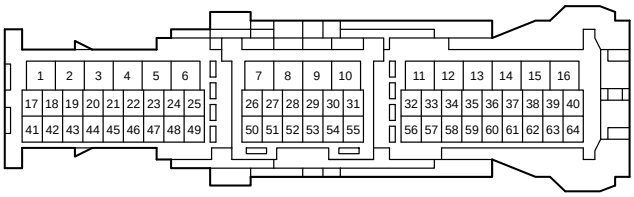
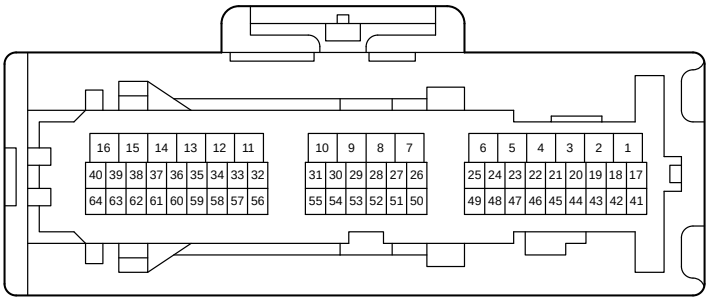


90980-12774



90980-12798

KA2
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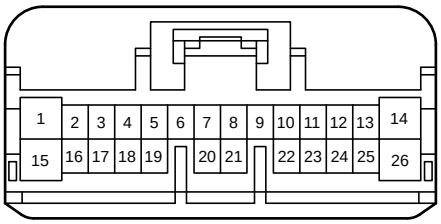
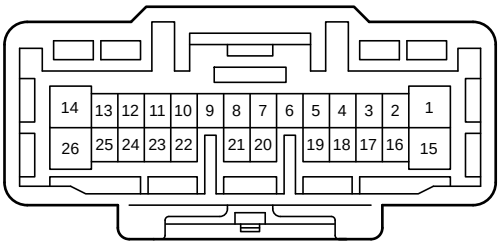


90980-12771



90980-12770

KA4
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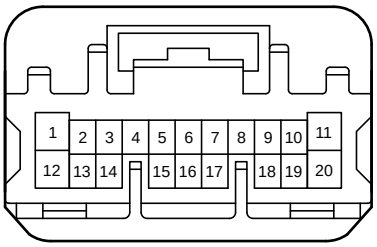
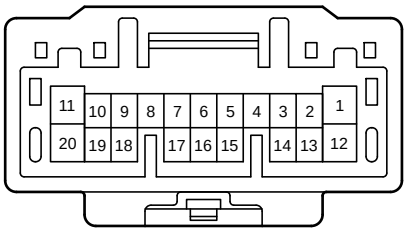


90980-12741



90980-12740

MK1
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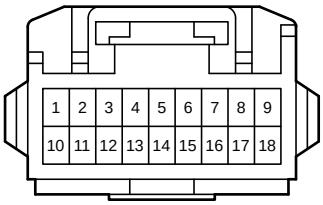
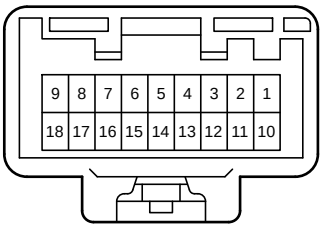


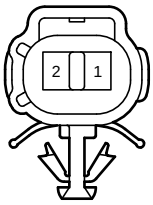
82824-53070



82824-53060

hA1
Gray

90980-11003



90980-11002