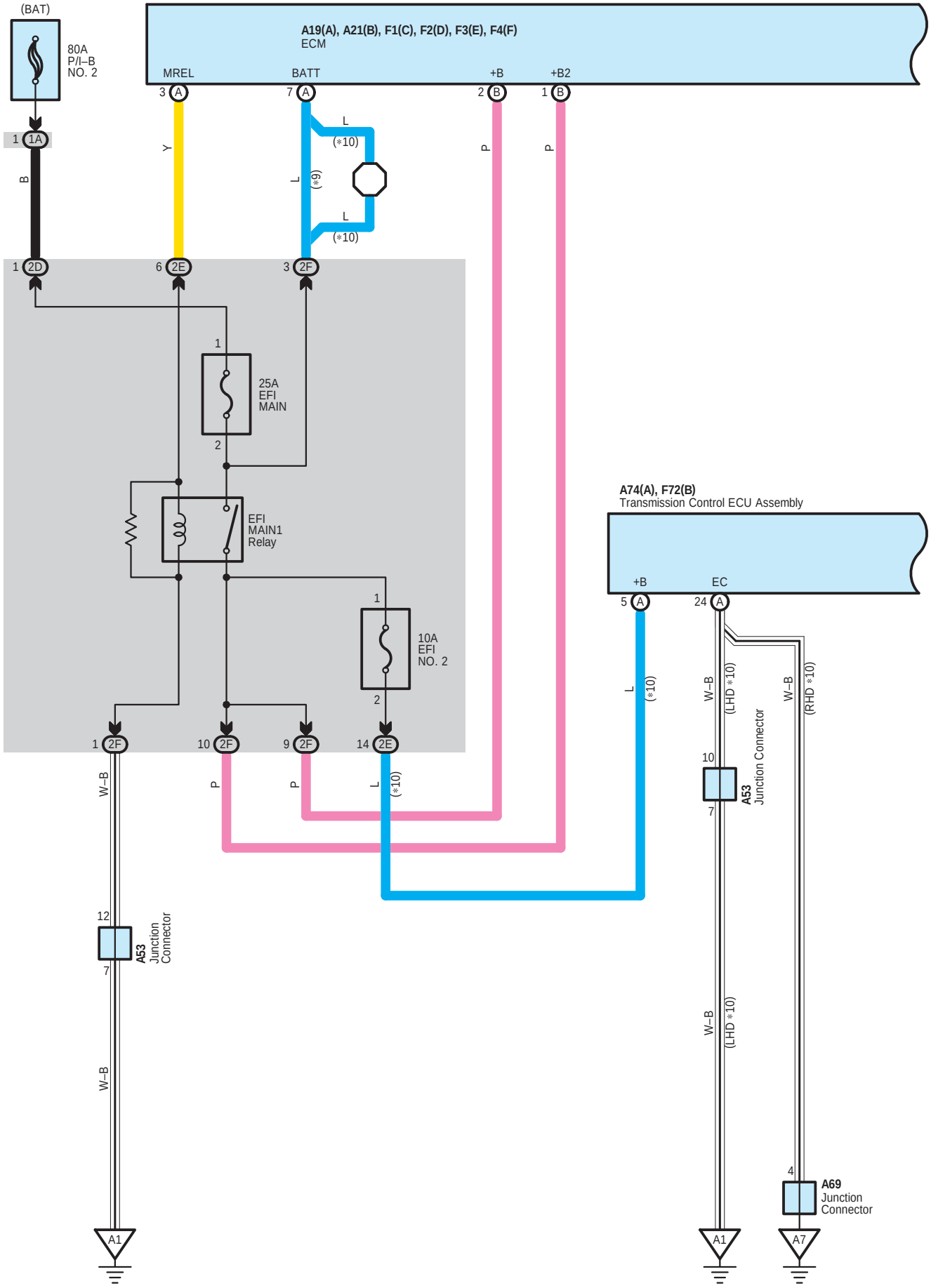
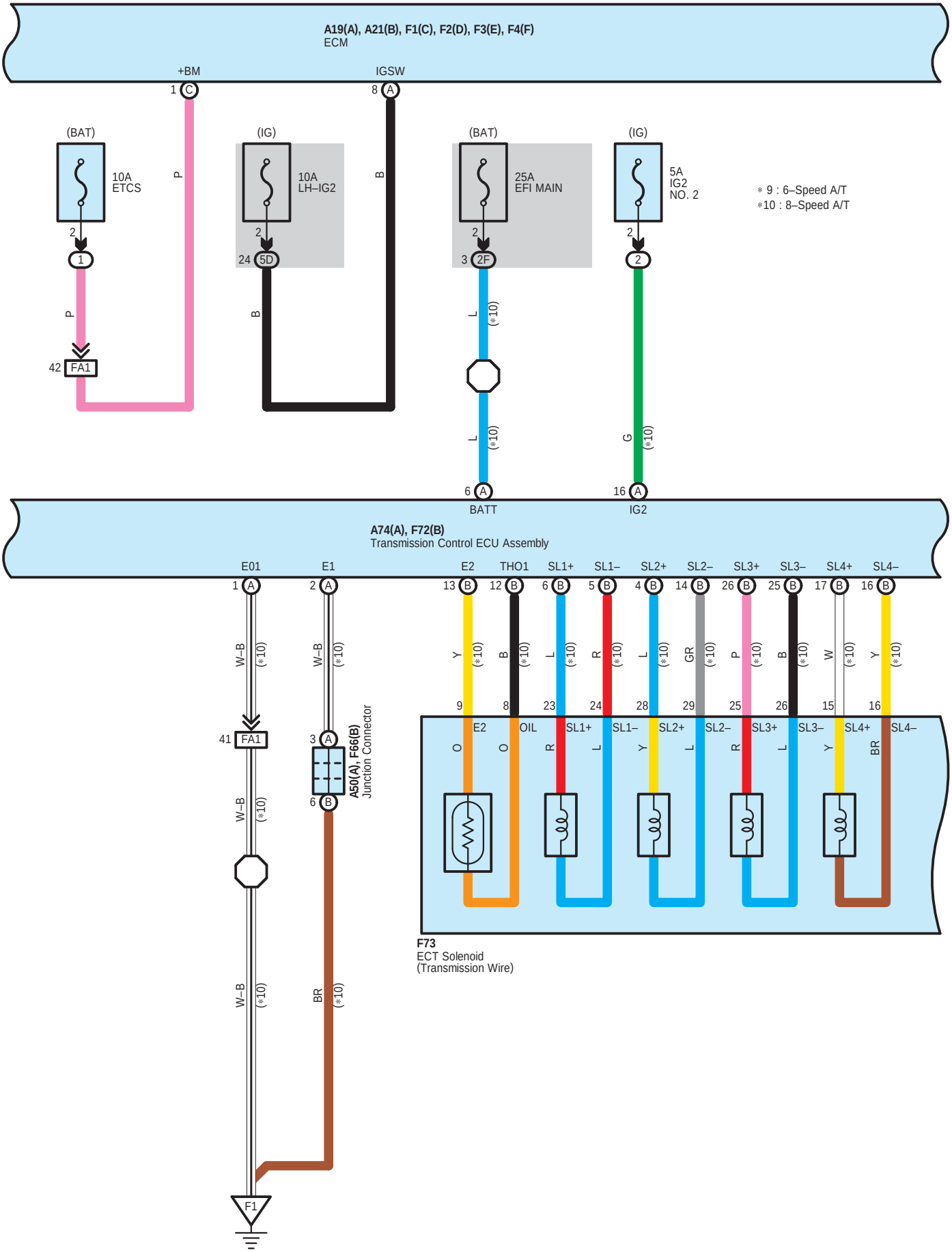
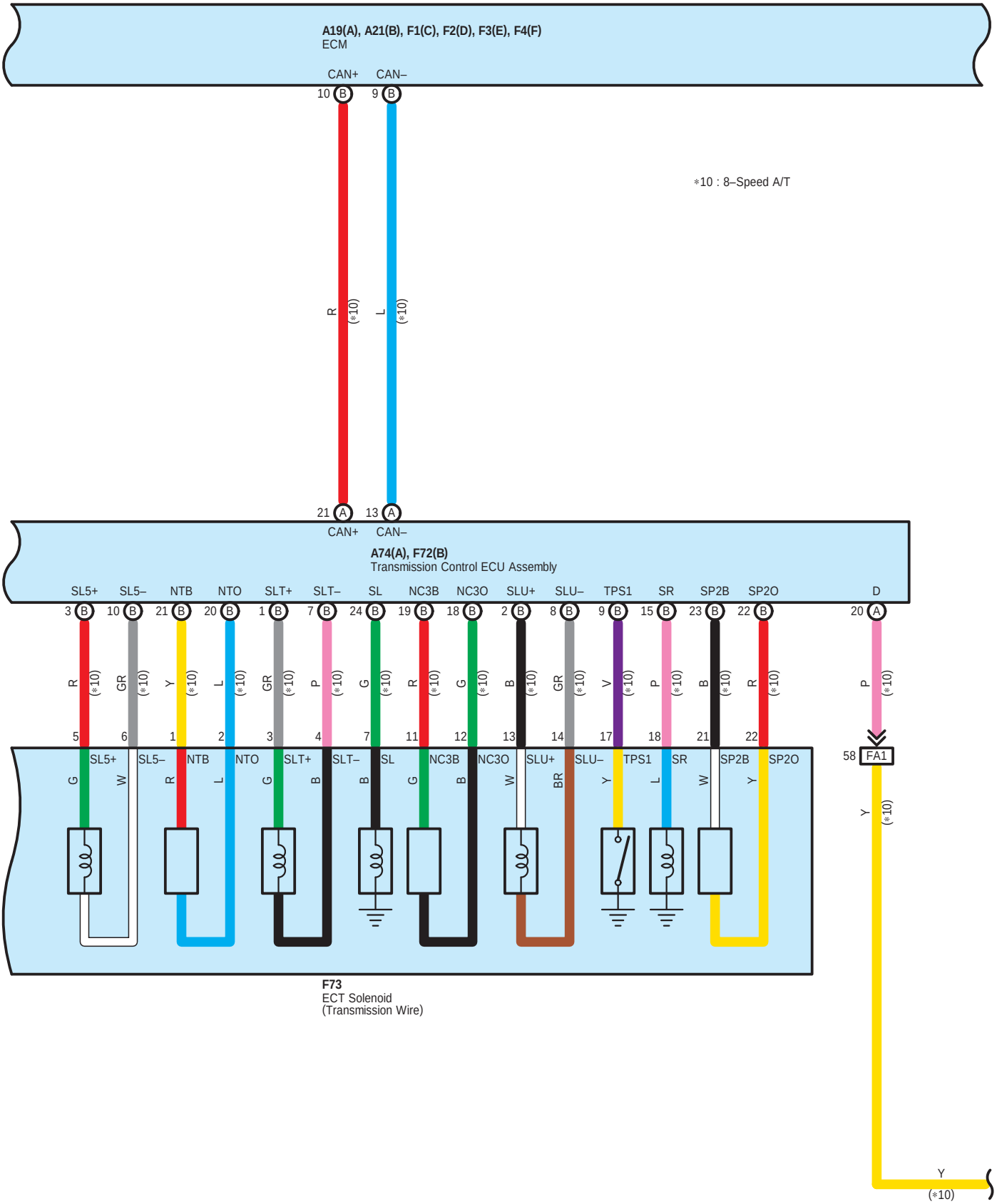
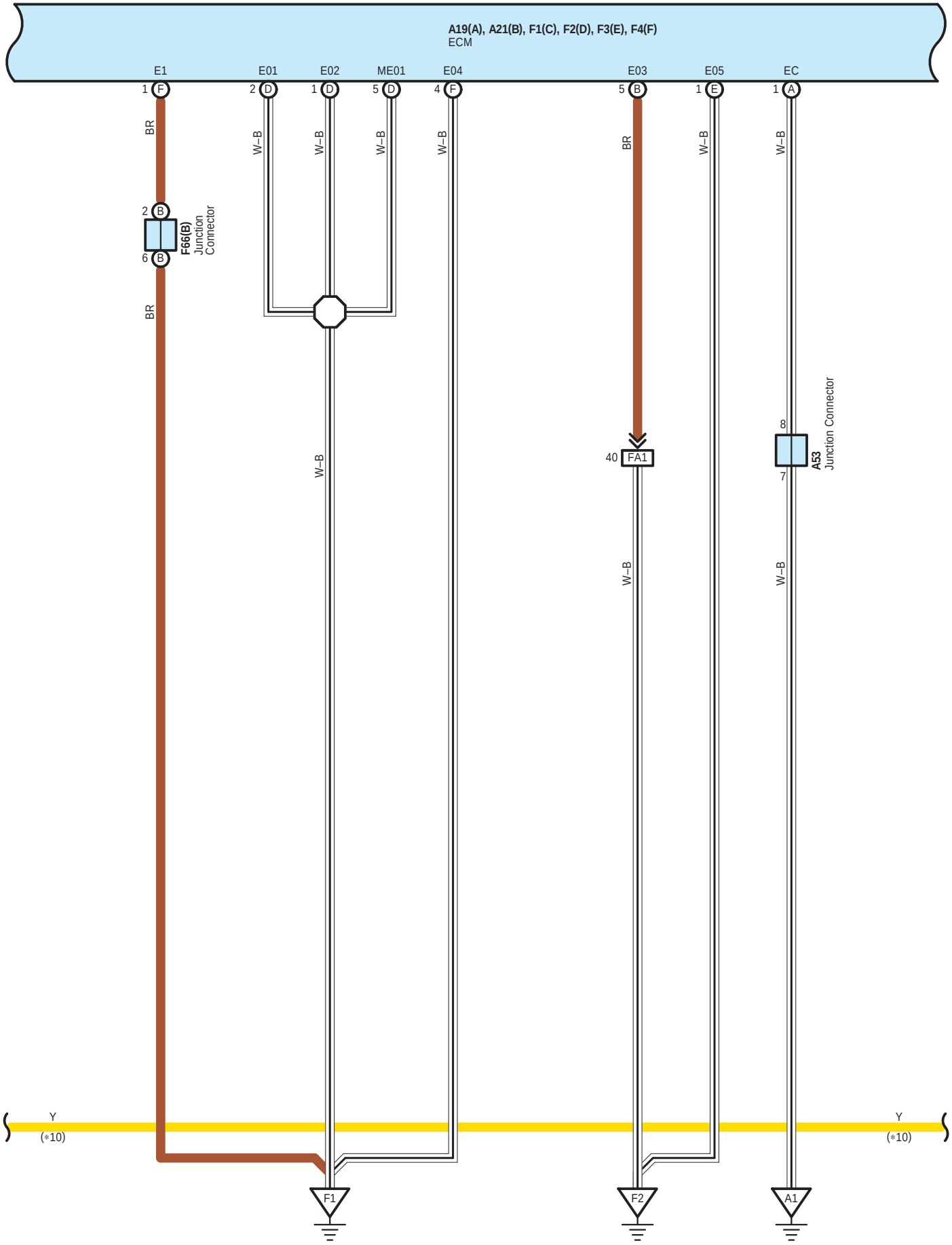
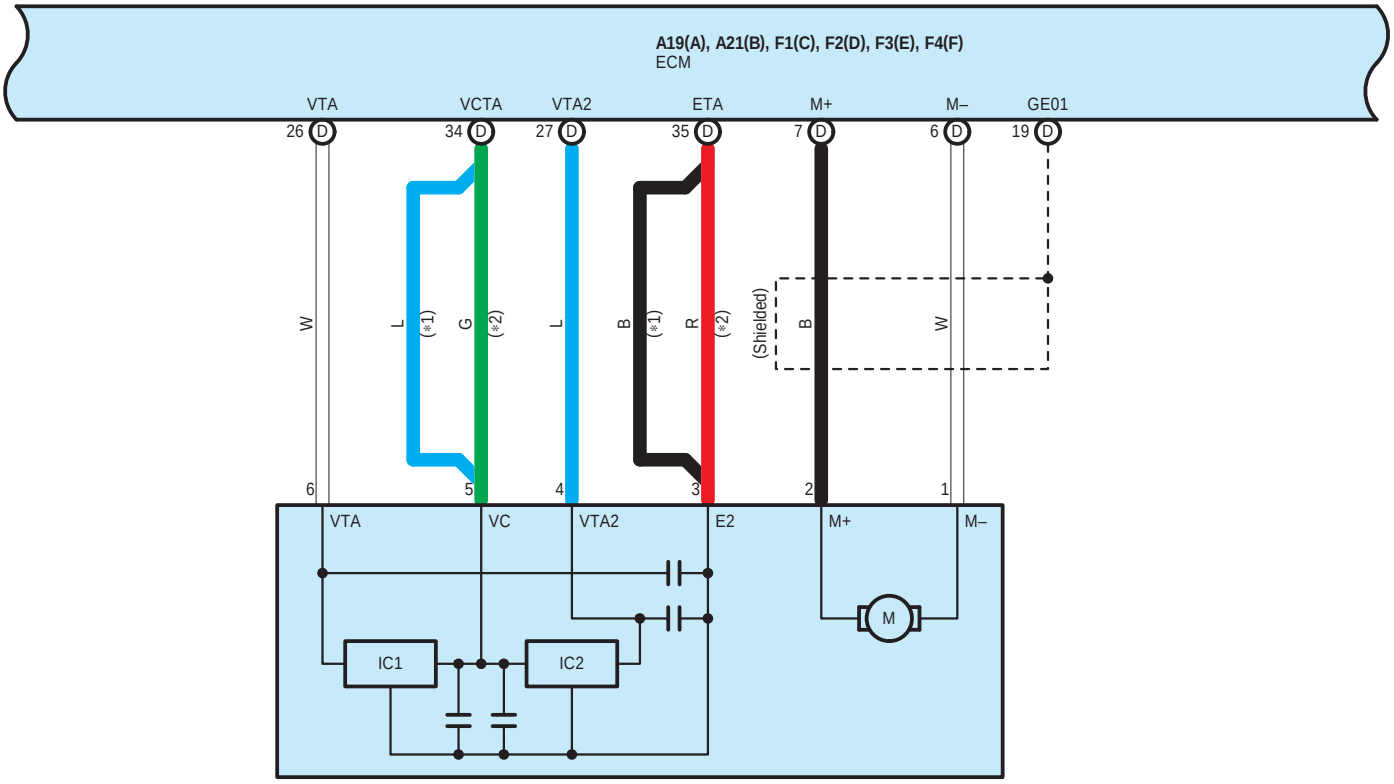

(BAT)
80A
P/I–B
NO. 2
A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
MREL
BATT
+B
+B2
3 A
7 A
2 B
1 B
1 1A
B
Y
L
(*10)
L
(*9)
L
(*10)
P
P
1 2D
6 2E
3 2F
1
25A
EFI
MAIN
2
EFI
MAIN1
Relay
1
10A
EFI
NO. 2
2
1 2F
10 2F
9 2F
14 2E
W–B
P
P
L
(*10)
12
A53
Junction
Connector
7
W–B
A1
A74(A), F72(B)
Transmission Control ECU Assembly
+B
EC
5 A
24 A
L
(*10)
W–B
(LHD *10)
W–B
(RHD *10)
10
A53
Junction Connector
7
W–B
(LHD *10)
4
A69
Junction
Connector
A1
A7


A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
+BM
IGSW
(BAT)
10A
ETCS
(IG)
10A
LH–IG2
(BAT)
25A
EFI MAIN
(IG)
5A
IG2
NO. 2
∗ 9 : 6–Speed A/T
∗10 : 8–Speed A/T
FA1
BATT
IG2
A74(A), F72(B)
Transmission Control ECU Assembly
E01
E1
E2
THO1
SL1+
SL1–
SL2+
SL2–
SL3+
SL3–
SL4+
SL4–
A50(A), F66(B)
Junction Connector
F73
ECT Solenoid
(Transmission Wire)
OIL
F1


A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
CAN+
CAN–
10 B
9 B
∗10 : 8–Speed A/T
R (∗10)
L (∗10)
21 A
13 A
CAN+
CAN–
A74(A), F72(B)
Transmission Control ECU Assembly
SL5+
SL5–
NTB
NTO
SLT+
SLT–
SL
NC3B
NC3O
SLU+
SLU–
TPS1
SR
SP2B
SP2O
D
3 B
10 B
21 B
20 B
1 B
7 B
24 B
19 B
18 B
2 B
8 B
9 B
15 B
23 B
22 B
20 A
R (∗10)
GR (∗10)
Y (∗10)
L (∗10)
GR (∗10)
P (∗10)
G (∗10)
R (∗10)
G (∗10)
B (∗10)
GR (∗10)
V (∗10)
P (∗10)
B (∗10)
R (∗10)
P (∗10)
5
6
1
2
3
4
7
11
12
13
14
17
18
21
22
58 FA1
Y (∗10)
G
W
R
L
G
B
B
G
B
W
BR
Y
L
W
Y
F73
ECT Solenoid
(Transmission Wire)
Y
(∗10)


A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
E1
E01
E02
ME01
E04
E03
E05
EC
BR
W–B
F66(B)
Junction
Connector
FA1
A53
Junction Connector
Y
(*10)
F1
F2
A1

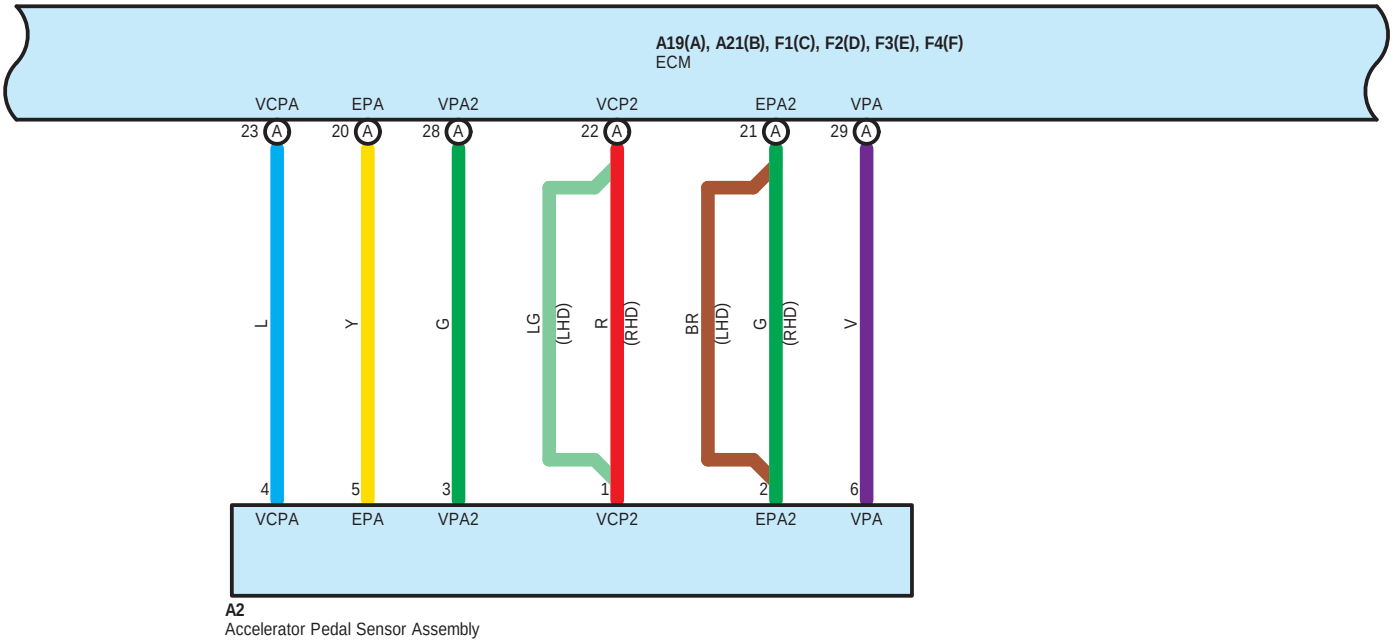



**F24**
Throttle Body Assembly with Motor

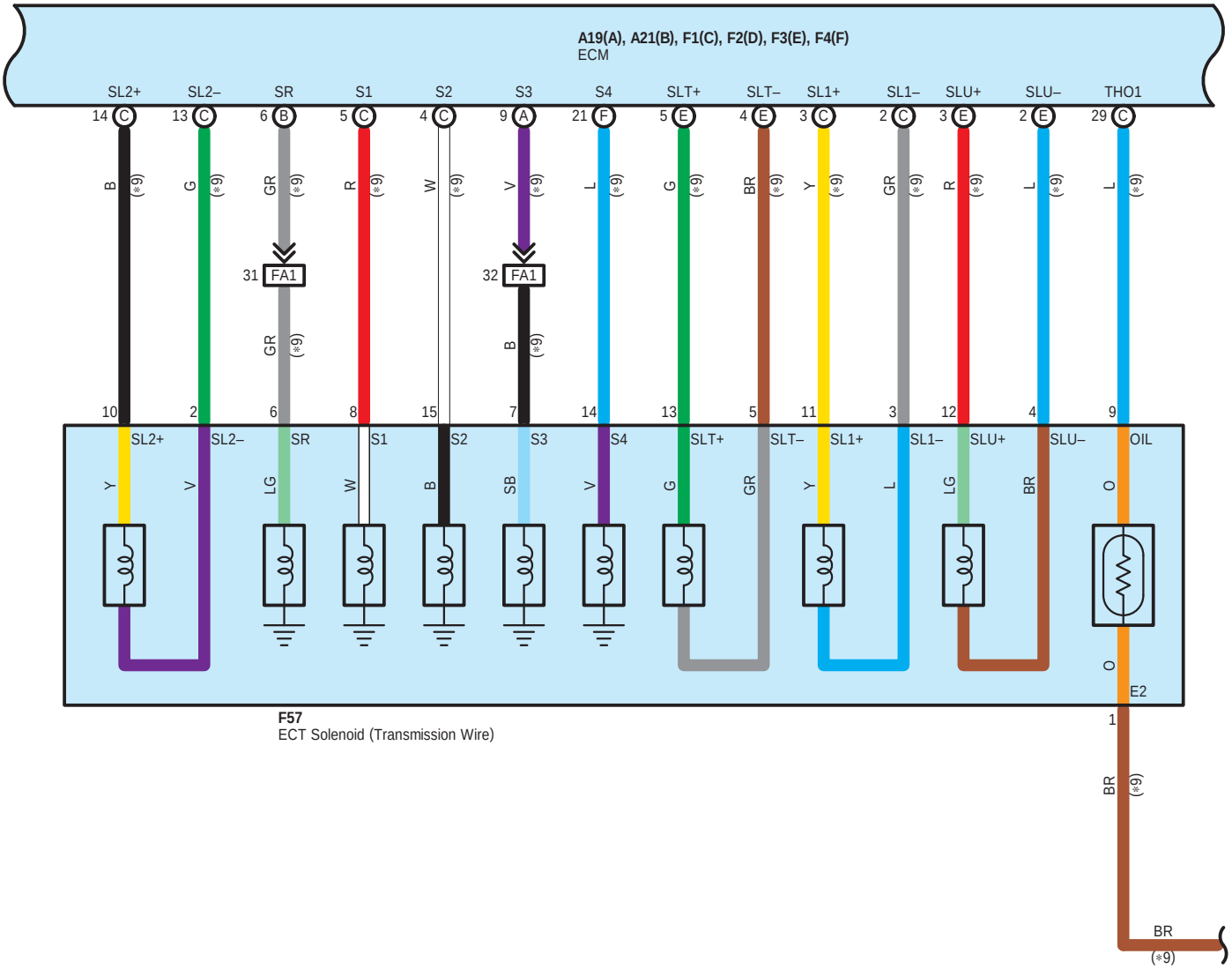
∗ 1 : 2GR–FSE
∗ 2 : 4GR–FSE
∗10 : 8–Speed A/T

Y
(∗10)

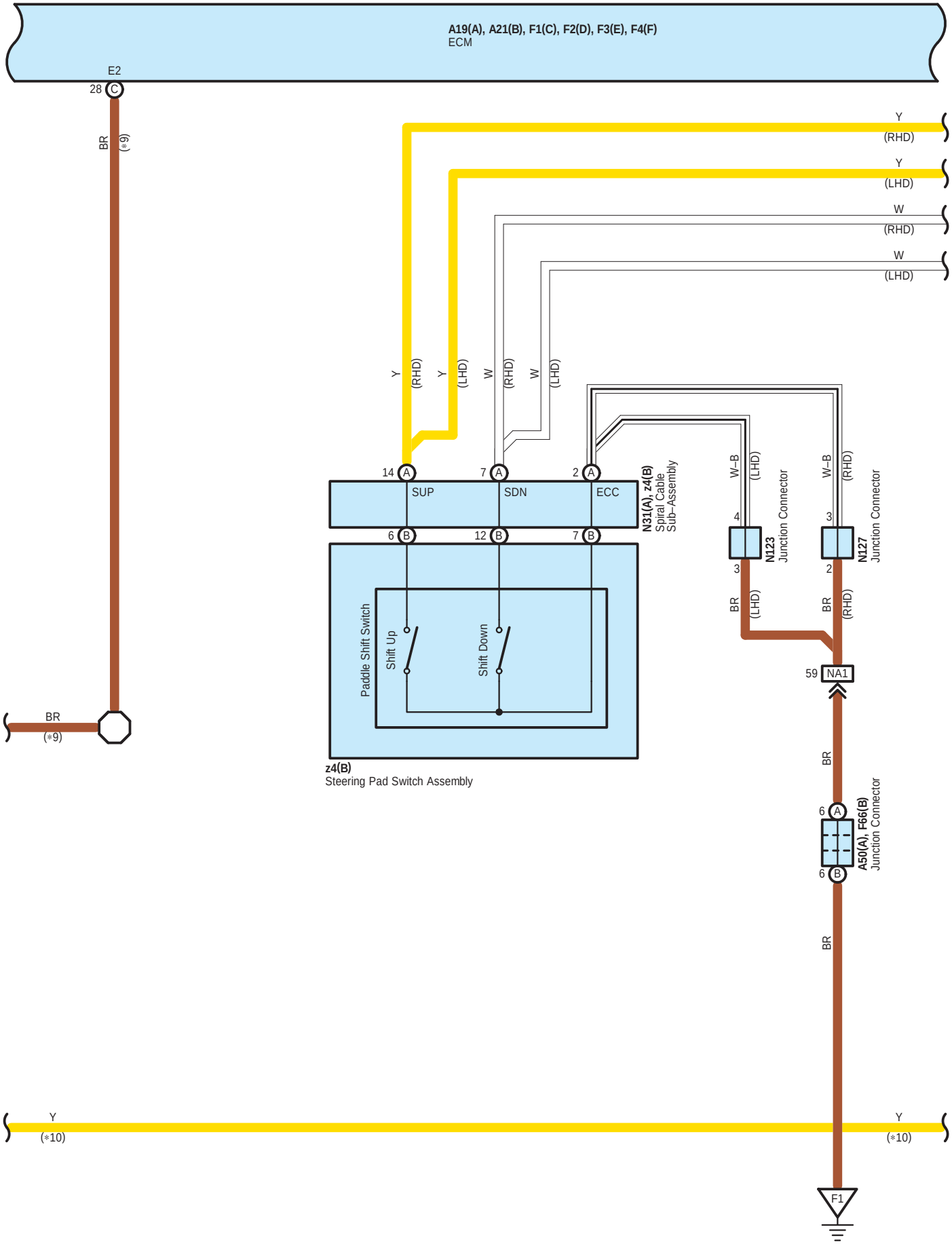
Y
(∗10)

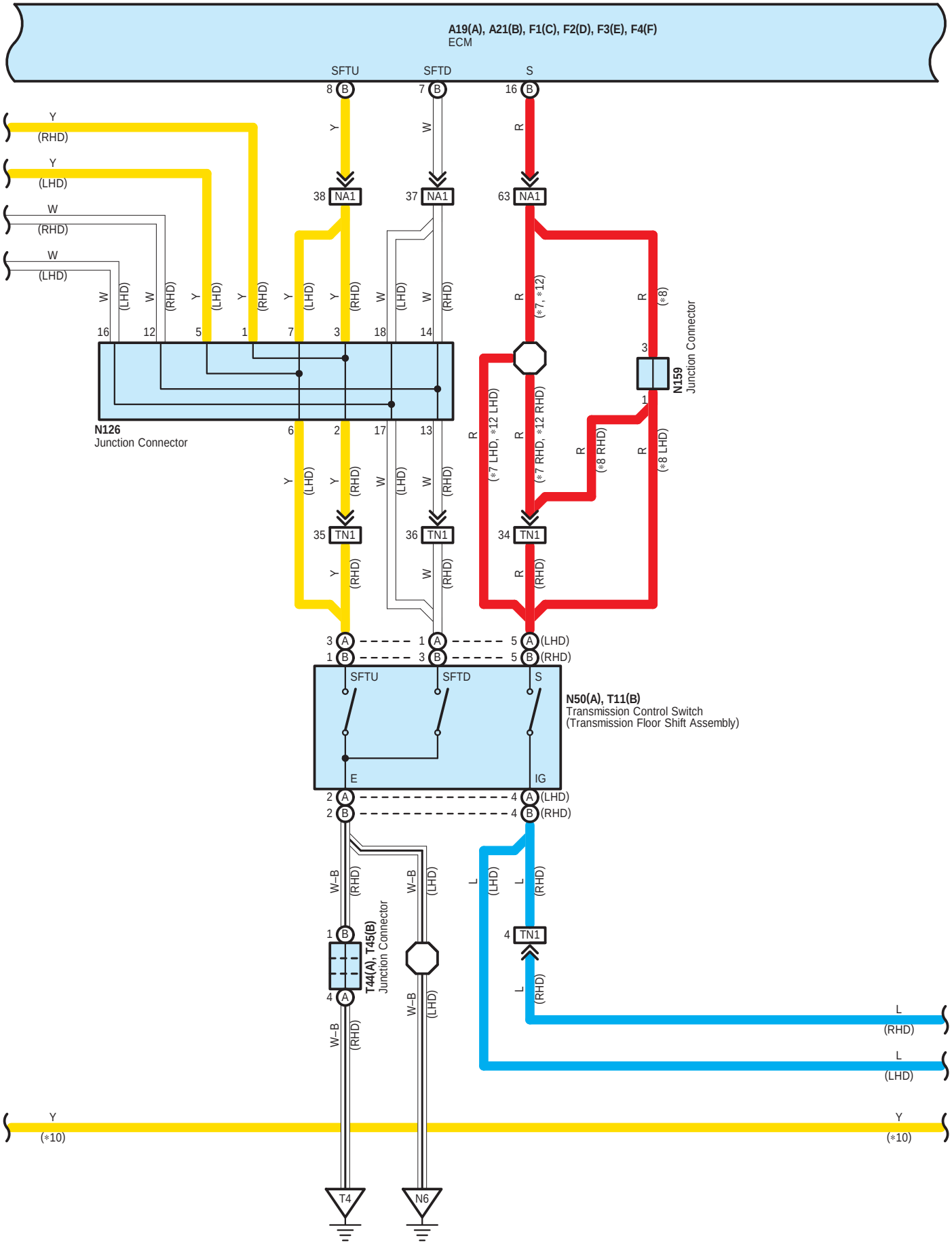

A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
VCPA
EPA
VPA2
VCP2
EPA2
VPA
23 A
20 A
28 A
22 A
21 A
29 A
L
Y
G
LG
(LHD)
R
(RHD)
BR
(LHD)
G
(RHD)
V
4
5
3
1
2
6
VCPA
EPA
VPA2
VCP2
EPA2
VPA
A2
Accelerator Pedal Sensor Assembly

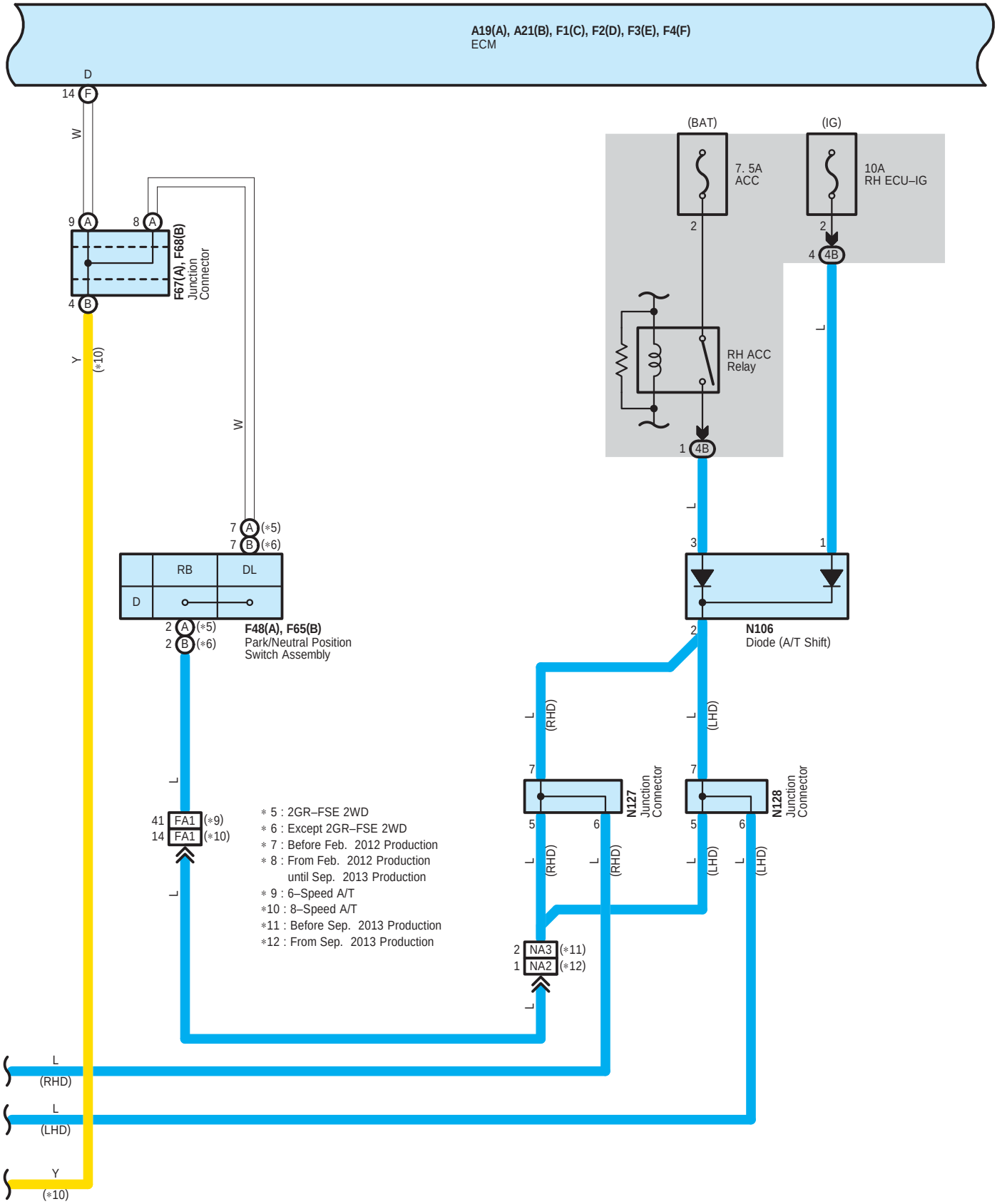
Y
(*10)
Y
(*10)



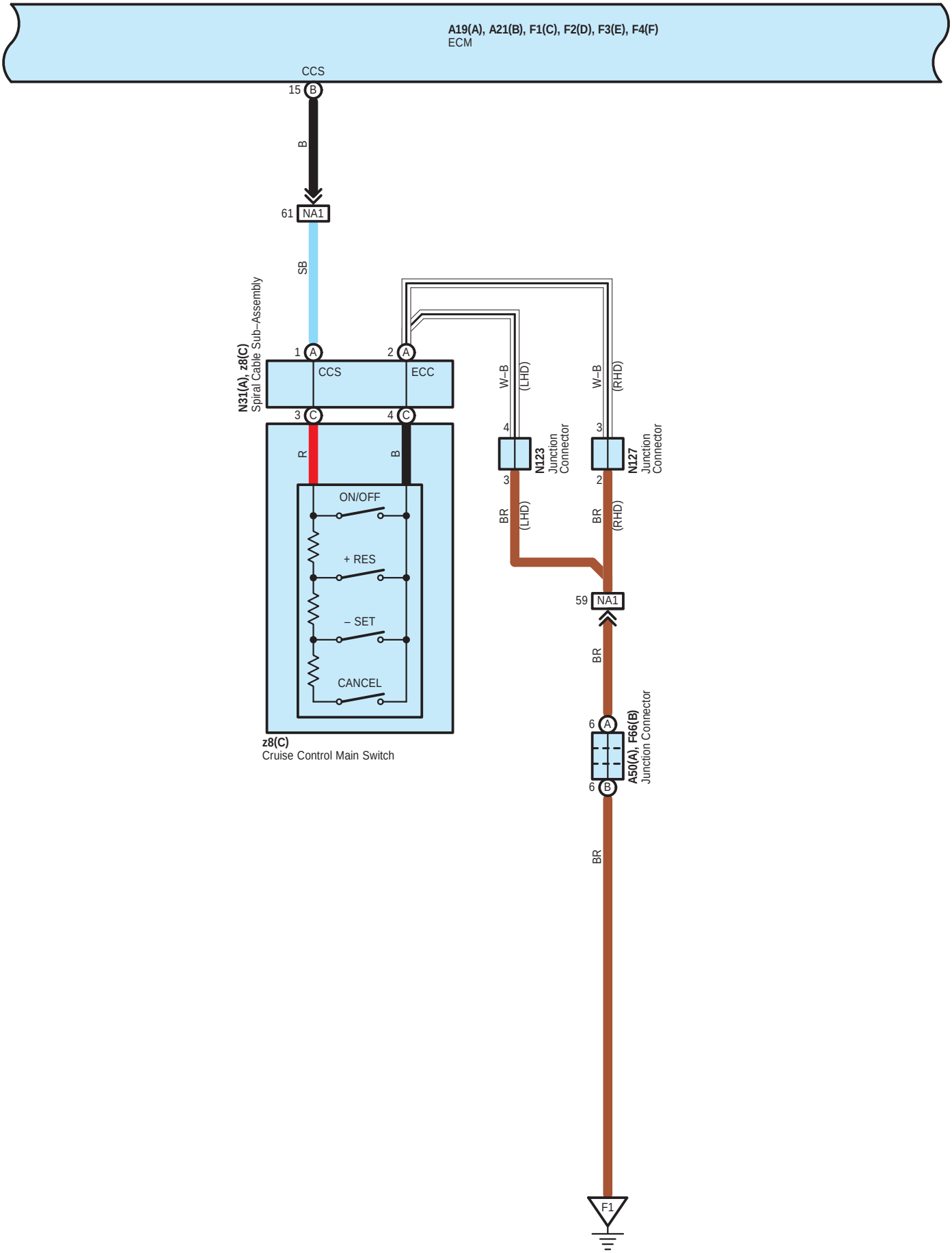

∗ 9 : 6–Speed A/T
∗10 : 8–Speed A/T

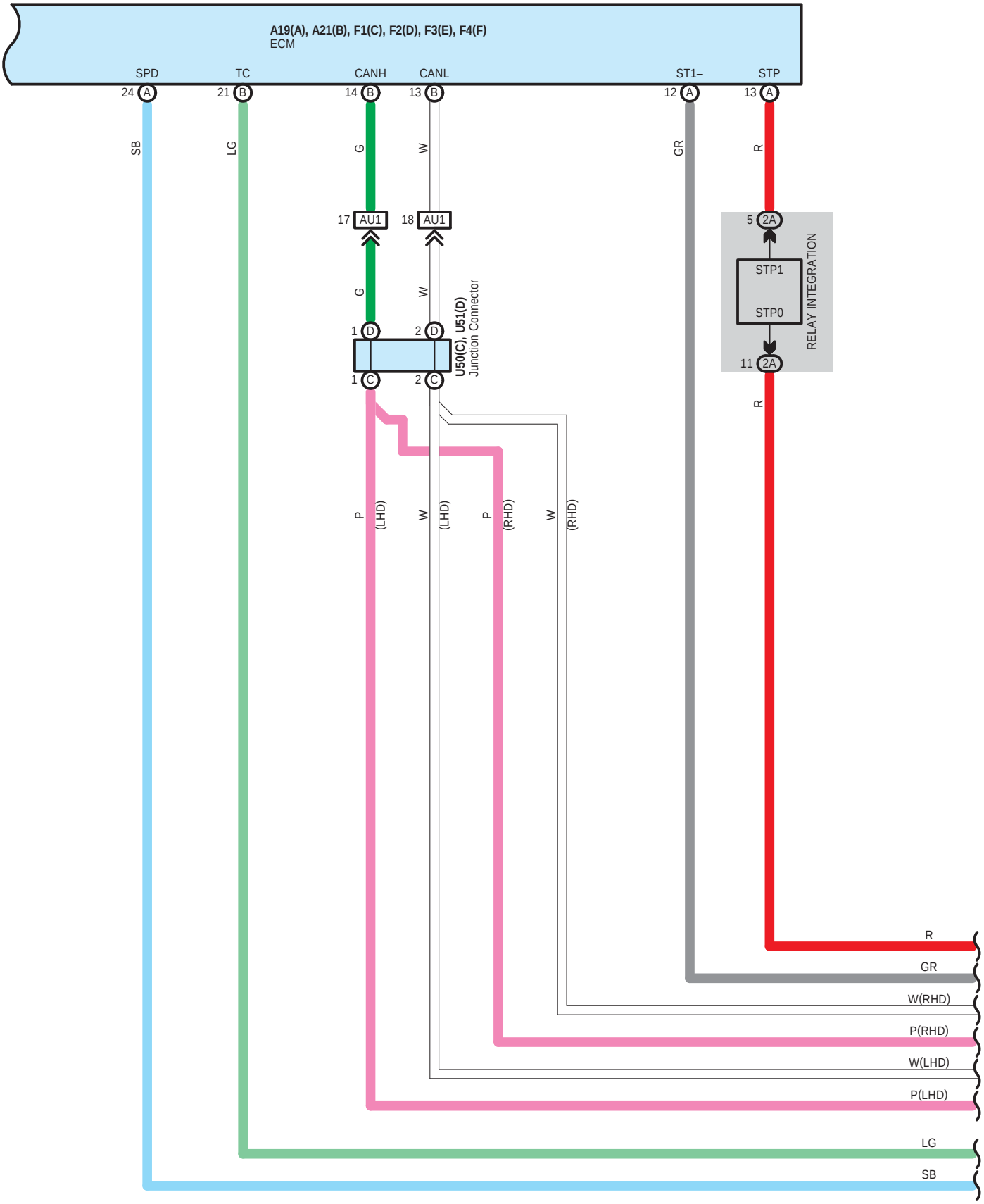

A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
E2
28 C
BR
(*9)
BR
(*9)
Y
(RHD)
Y
(LHD)
W
(RHD)
W
(LHD)
Y
(RHD)
Y
(LHD)
W
(RHD)
W
(LHD)
14 A
7 A
2 A
SUP
SDN
ECC
6 B
12 B
7 B
N31(A), z4(B)
Spiral Cable
Sub-Assembly
Paddle Shift Switch
Shift Up
Shift Down
z4(B)
Steering Pad Switch Assembly
W-B
(LHD)
4
3
N123
Junction Connector
W-B
(RHD)
3
2
N127
Junction Connector
BR
(LHD)
BR
(RHD)
59 NA1
BR
6 A
6 B
A50(A), F66(B)
Junction Connector
BR
Y
(*10)
Y
(*10)
F1

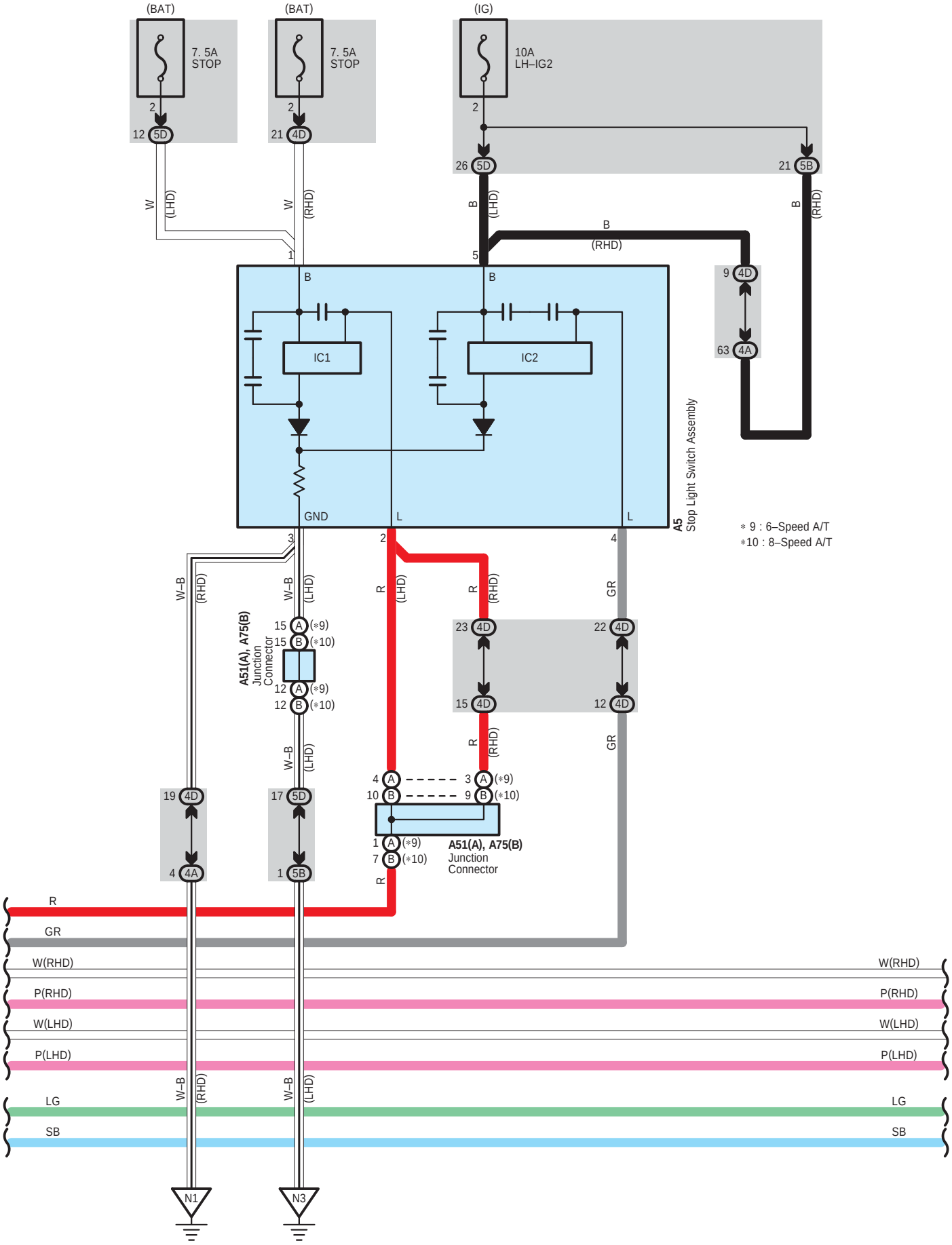

A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
SFTU
SFTD
S
8 B
7 B
16 B
Y
W
R
38 NA1
37 NA1
63 NA1
Y (RHD)
Y (LHD)
W (RHD)
W (LHD)
N126
Junction Connector
N159
Junction Connector
(*7, *12)
(*8)
(*7 LHD, *12 LHD)
(*7 RHD, *12 RHD)
(*8 RHD)
(*8 LHD)
35 TN1
36 TN1
34 TN1
3 A
1 B
1 A
3 B
5 A (LHD)
5 B (RHD)
N50(A), T11(B)
Transmission Control Switch
(Transmission Floor Shift Assembly)
E
IG
2 A
2 B
4 A (LHD)
4 B (RHD)
W–B
L
T44(A), T45(B)
Junction Connector
4 TN1
Y (*10)
T4
N6

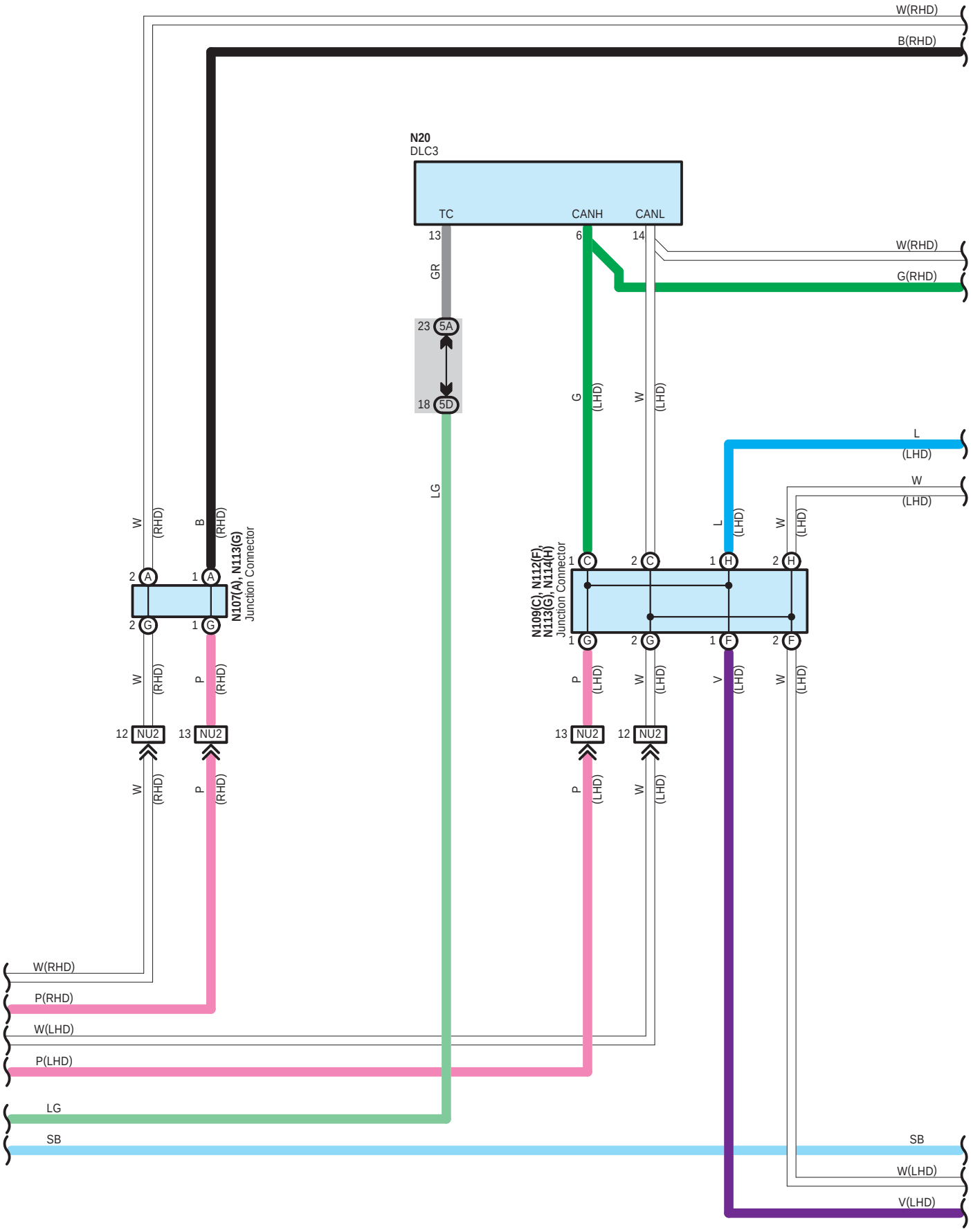


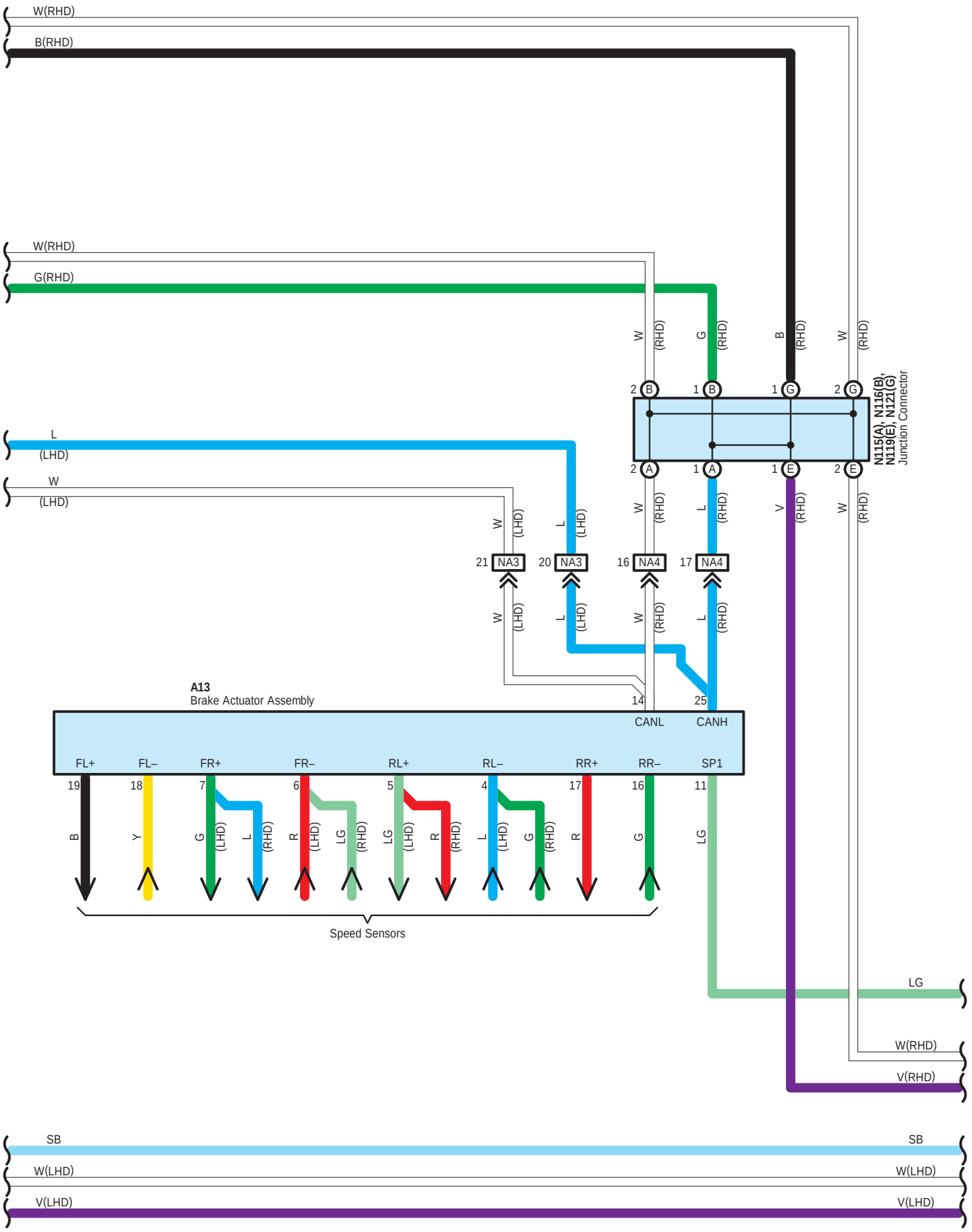

* 5 : 2GR–FSE 2WD
* 6 : Except 2GR–FSE 2WD
* 7 : Before Feb. 2012 Production
* 8 : From Feb. 2012 Production until Sep. 2013 Production
* 9 : 6–Speed A/T
*10 : 8–Speed A/T
*11 : Before Sep. 2013 Production
*12 : From Sep. 2013 Production

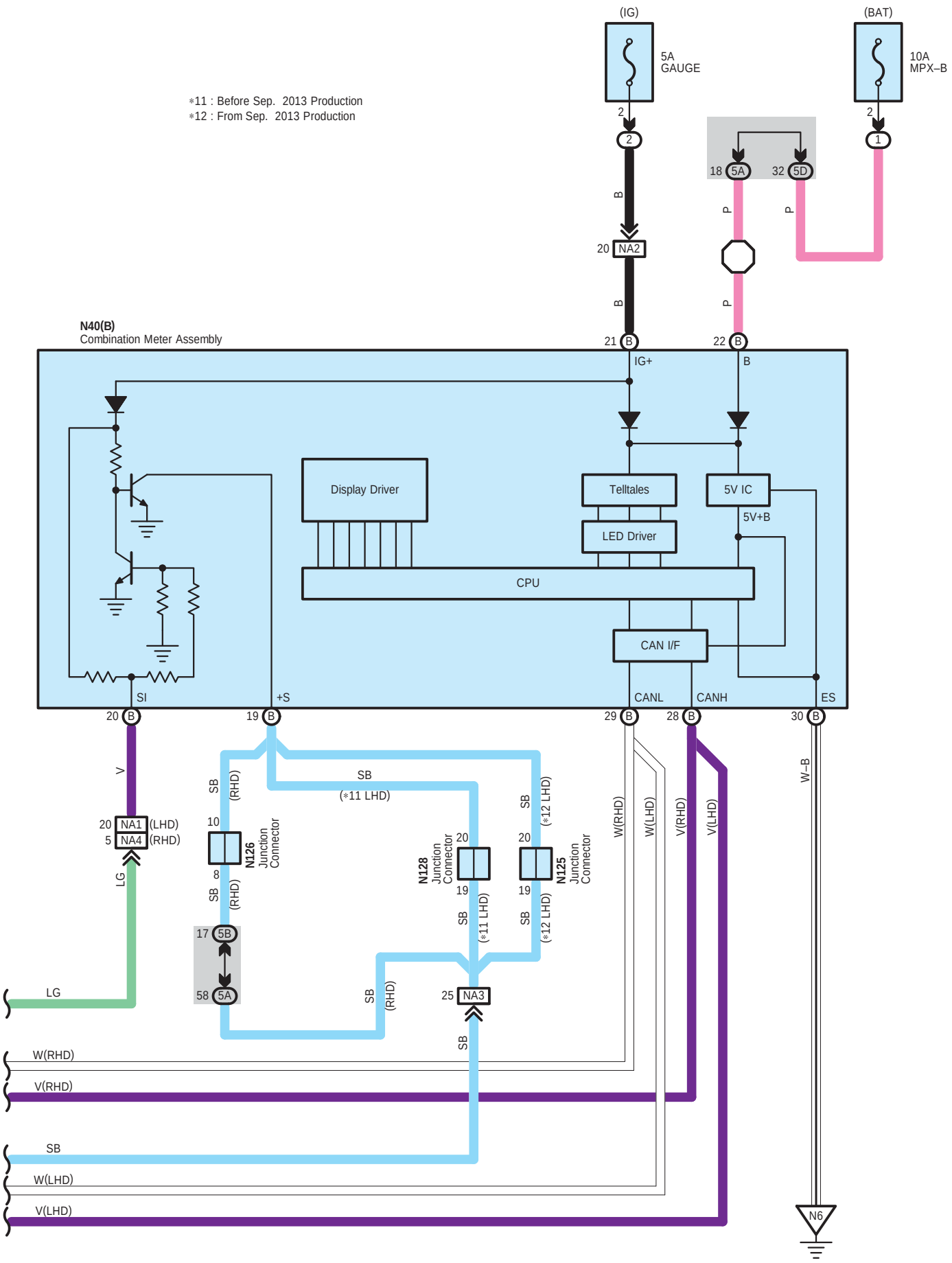

A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
CCS
15 B
B
61 NA1
SB
N31(A), z8(C)
Spiral Cable Sub–Assembly
1 A
2 A
CCS
ECC
3 C
4 C
R
B
ON/OFF
+ RES
– SET
CANCEL
z8(C)
Cruise Control Main Switch
W–B
(LHD)
W–B
(RHD)
4
3
N123
Junction
Connector
3
2
N127
Junction
Connector
BR
(LHD)
BR
(RHD)
59 NA1
BR
6 A
6 B
A50(A), F66(B)
Junction Connector
BR
F1


A19(A), A21(B), F1(C), F2(D), F3(E), F4(F)
ECM
SPD
TC
CANH
CANL
ST1–
STP
24 A
21 B
14 B
13 B
12 A
13 A
SB
LG
G
W
GR
R
17 AU1
18 AU1
5 2A
STP1
STP0
RELAY INTEGRATION
11 2A
1 D
2 D
1 C
2 C
U50(C), U51(D)
Junction Connector
P
(LHD)
W
(LHD)
P
(RHD)
W
(RHD)
R
GR
W(RHD)
P(RHD)
W(LHD)
P(LHD)
LG
SB

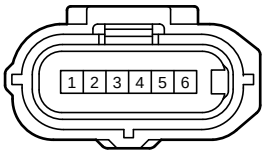

(BAT)
7. 5A
STOP
(BAT)
7. 5A
STOP
(IG)
10A
LH–IG2
IC1
IC2
GND
A5
Stop Light Switch Assembly
∗ 9 : 6–Speed A/T
∗10 : 8–Speed A/T
A51(A), A75(B)
Junction
Connector
A51(A), A75(B)
Junction
Connector
R
GR
W(RHD)
P(RHD)
W(LHD)
P(LHD)
LG
SB
N1
N3


W(RHD)
B(RHD)
N20
DLC3
TC
CANH
CANL
13
6
14
GR
23
5A
18
5D
G
(LHD)
W
(LHD)
W(RHD)
G(RHD)
L
(LHD)
W
(LHD)
LG
W
(RHD)
B
(RHD)
2
A
1
A
2
G
1
G
N107(A), N113(G)
Junction Connector
N109(C), N112(F),
N113(G), N114(H)
Junction Connector
1
C
2
C
1
H
2
H
1
G
2
G
1
F
2
F
P
(LHD)
W
(LHD)
V
(LHD)
W
(LHD)
W
(RHD)
P
(RHD)
12
NU2
13
NU2
13
NU2
12
NU2
W(RHD)
P(RHD)
W(LHD)
P(LHD)
LG
SB
SB
W(LHD)
V(LHD)

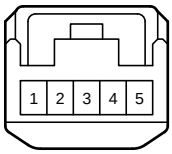

W(RHD)
B(RHD)
W(RHD)
G(RHD)
L
(LHD)
W
(LHD)
N115(A), N116(B),
N119(E), N121(G)
Junction Connector
NA3
NA4
A13
Brake Actuator Assembly
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
SP1
Speed Sensors
LG
W(RHD)
V(RHD)
SB
W(LHD)
V(LHD)


(IG)
5A
GAUGE
(BAT)
10A
MPX–B
*11 : Before Sep. 2013 Production
*12 : From Sep. 2013 Production
N40(B)
Combination Meter Assembly
Display Driver
Telltales
5V IC
5V+B
LED Driver
CPU
CAN I/F
IG+
B
SI
+S
CANL
CANH
ES
NA1 (LHD)
NA4 (RHD)
NA2
NA3
N126 Junction Connector
N128 Junction Connector
N125 Junction Connector
SB (*11 LHD)
SB (*12 LHD)
W(RHD)
W(LHD)
V(RHD)
V(LHD)
W–B
N6
LG
SB
V

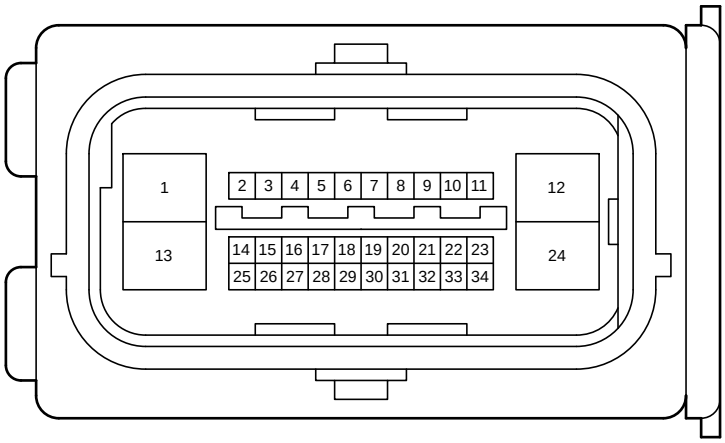
A 2
Black



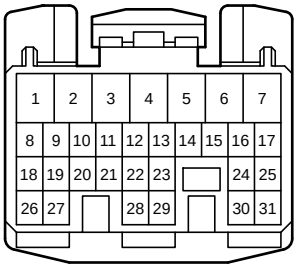

A 5
White



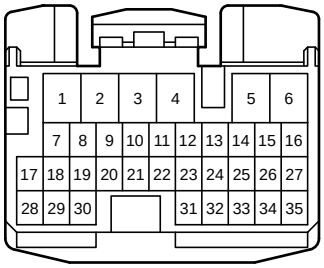

A 13
Black



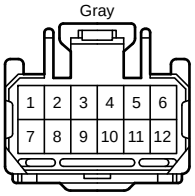

A 19
White



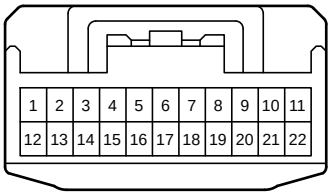

A 21
White



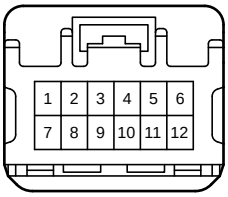

A 50
Gray




A 51
Blue

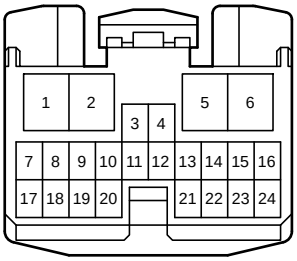



A 53
Black

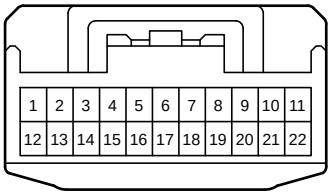



A 69
Gray

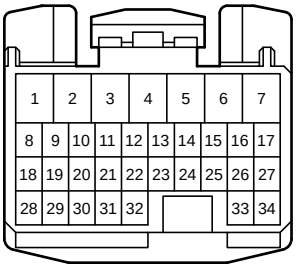
A 74
Black



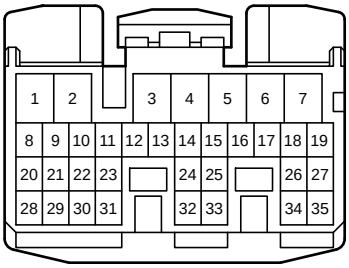

A 75
White



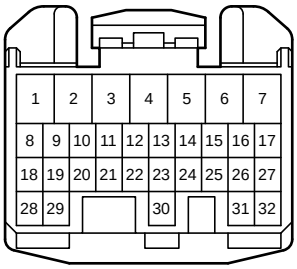

F 1
White



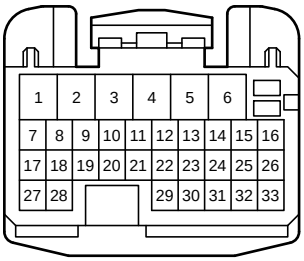

F 2
White



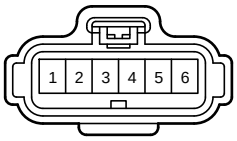
F 3
White




F 4
White




F 24
Black

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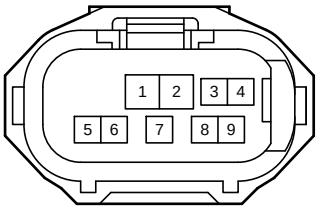


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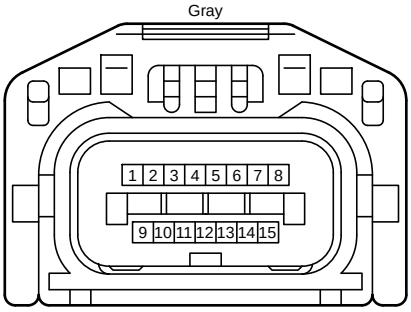


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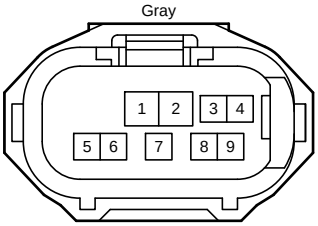


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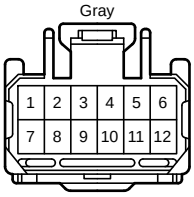


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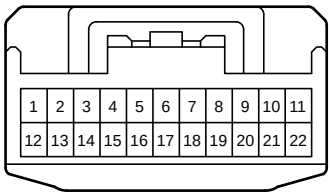


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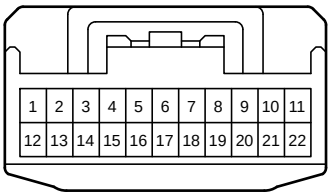


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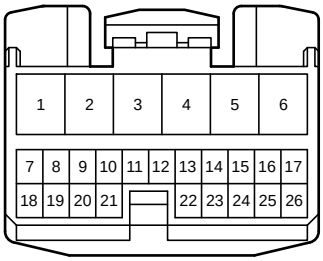


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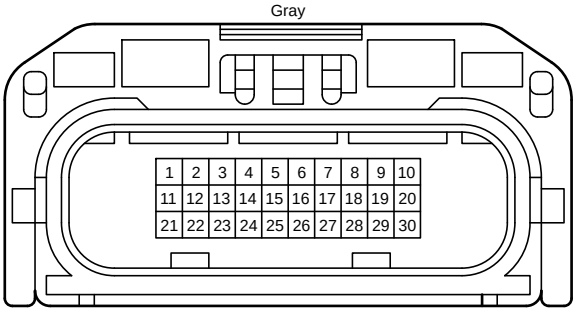


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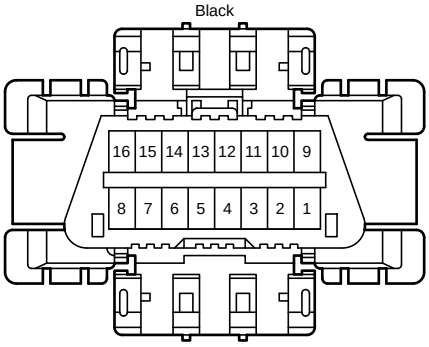


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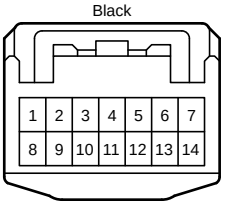

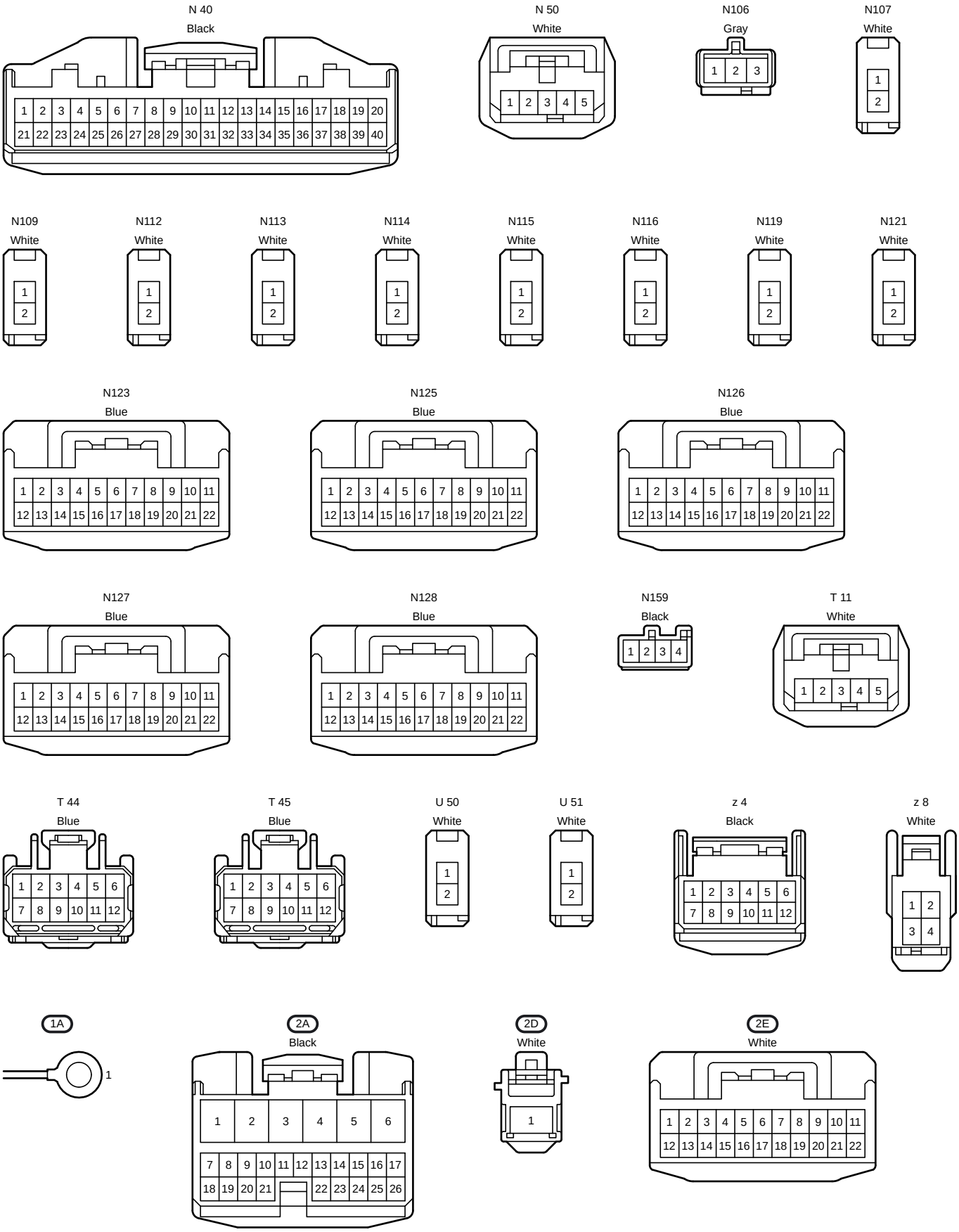
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2F
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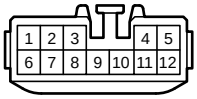


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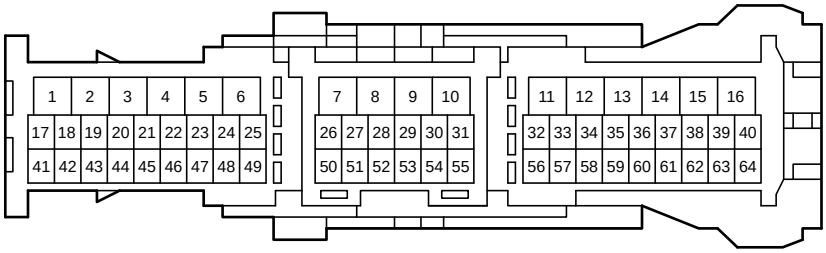


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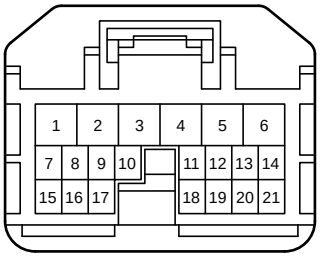


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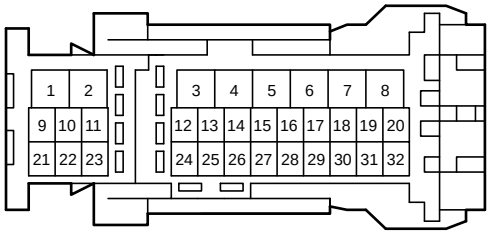


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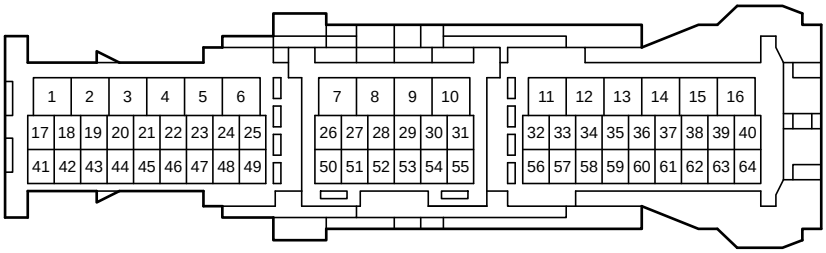


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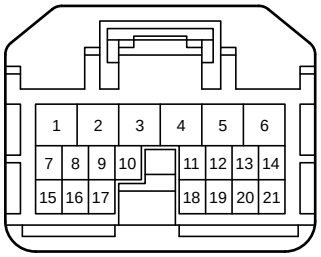


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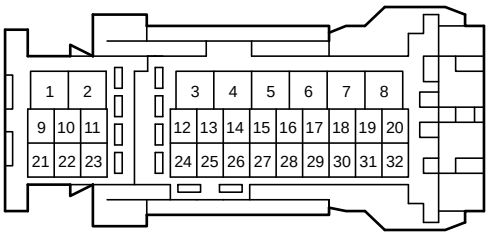

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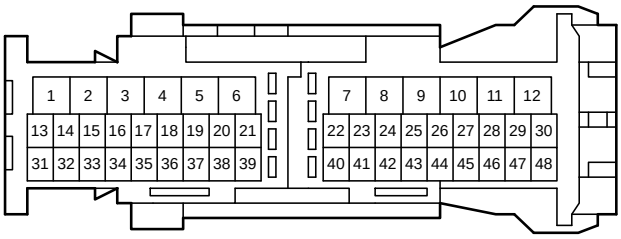


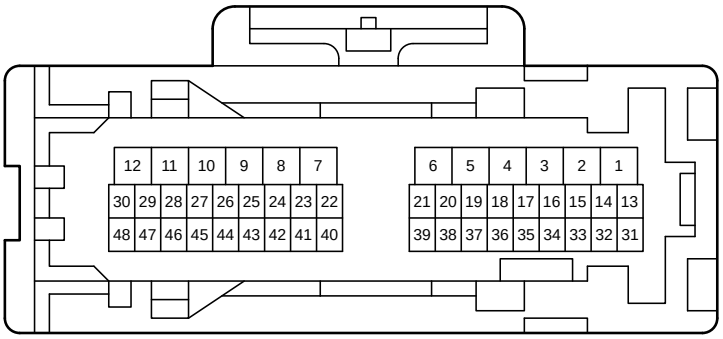


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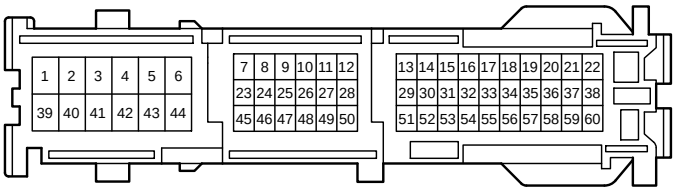


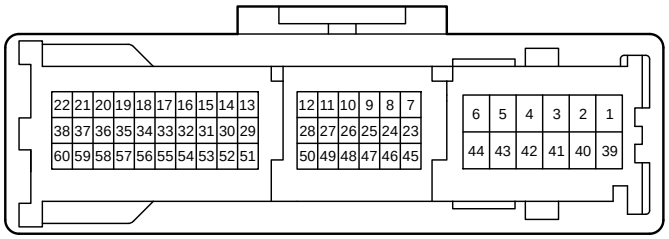


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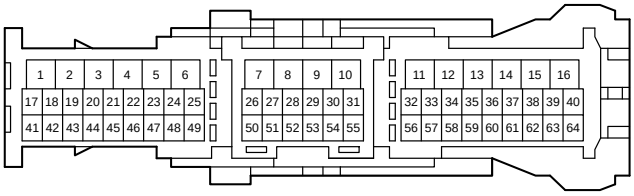


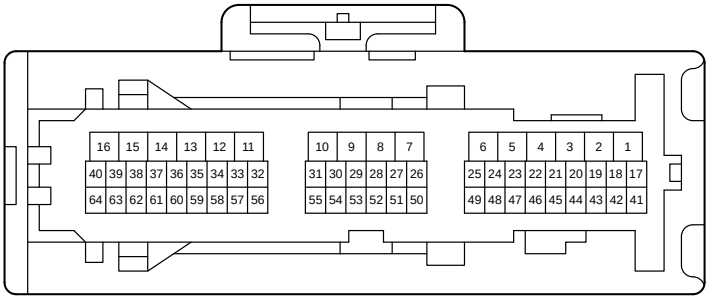


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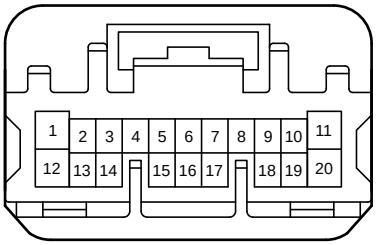


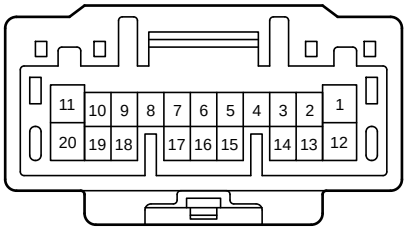

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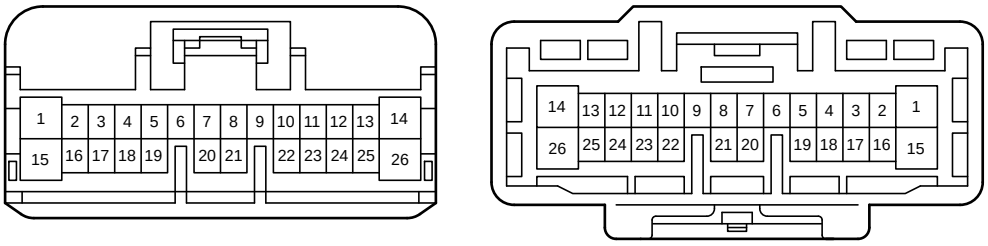


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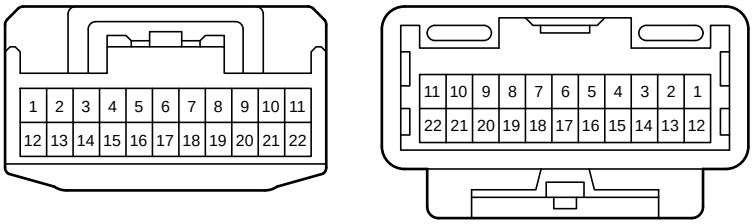


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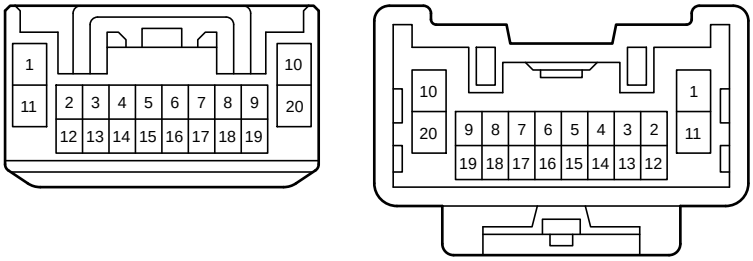

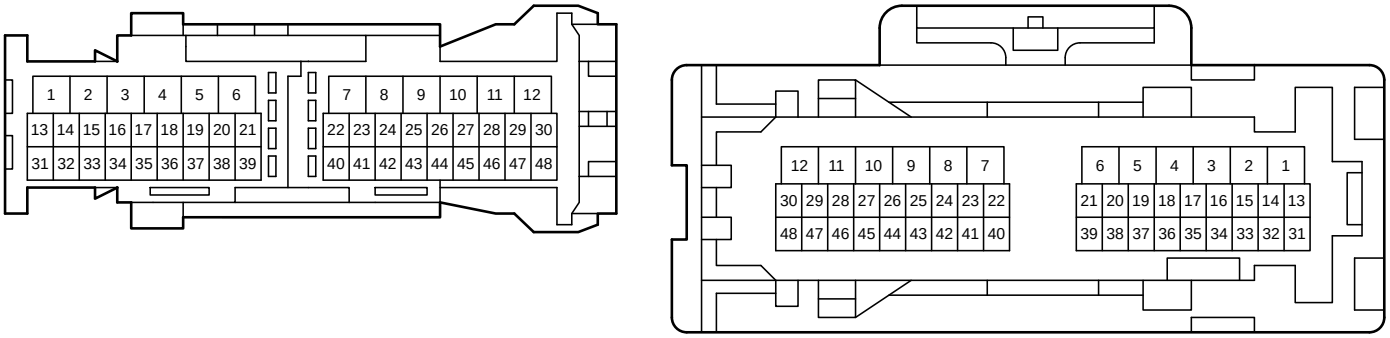
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