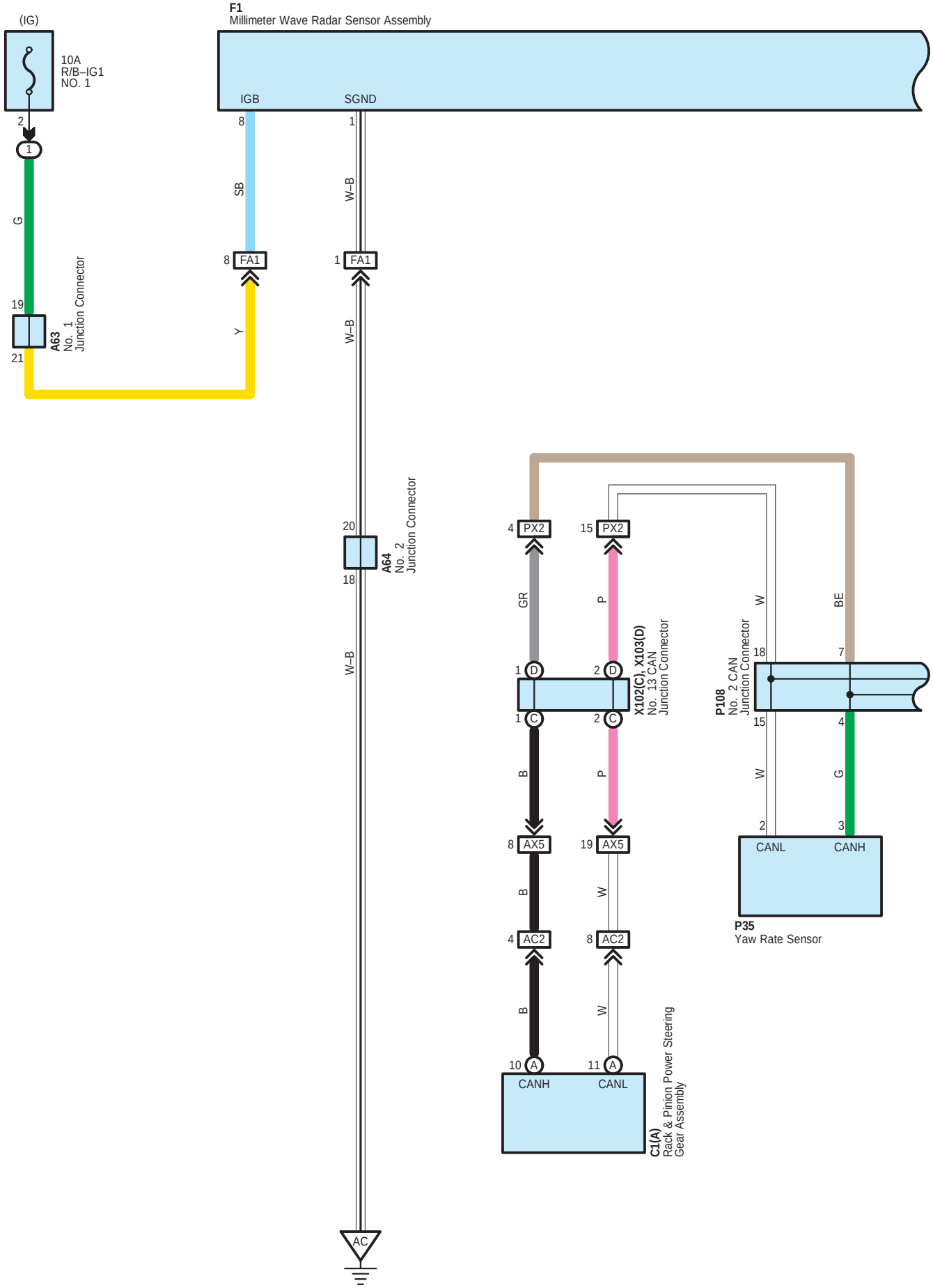
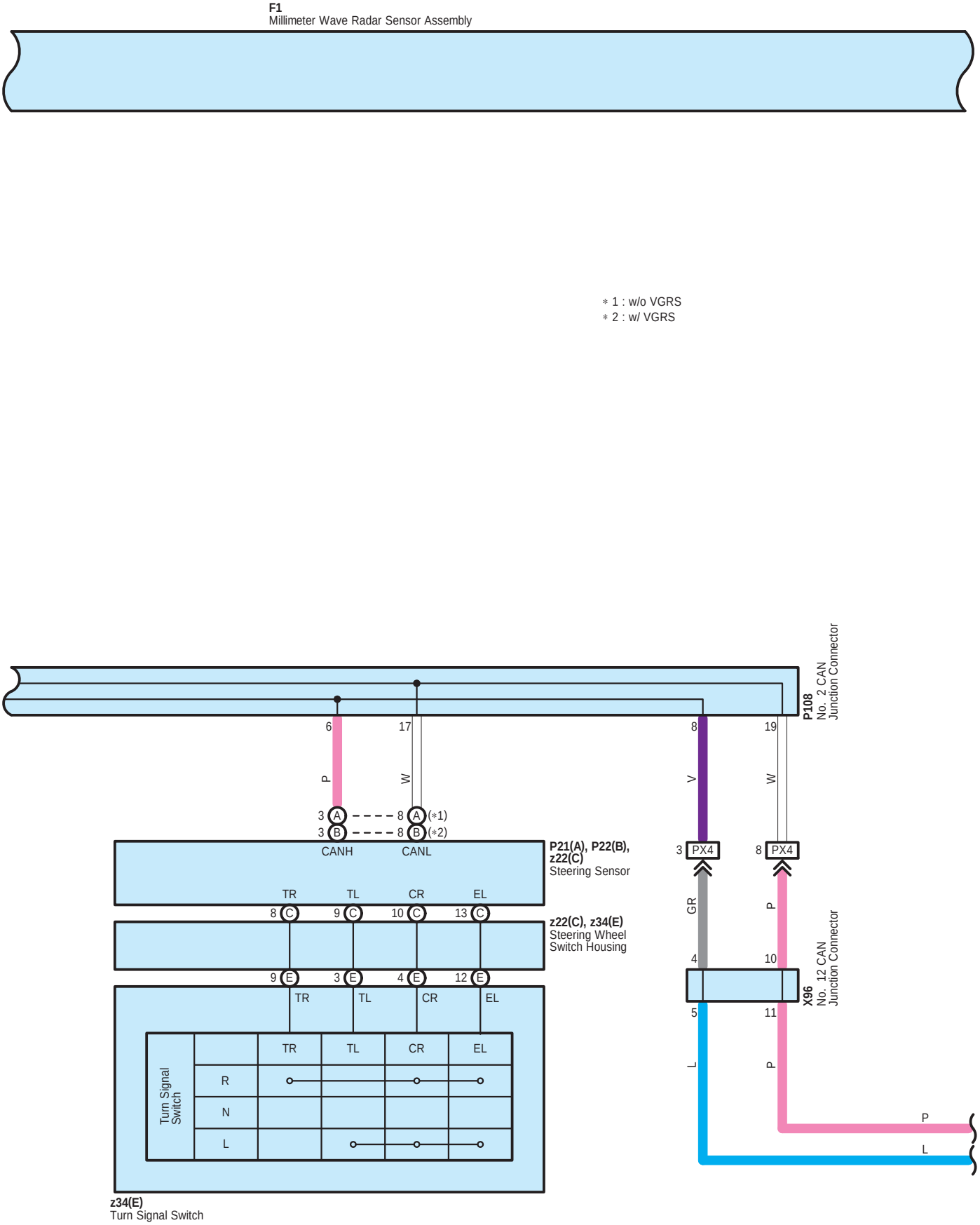
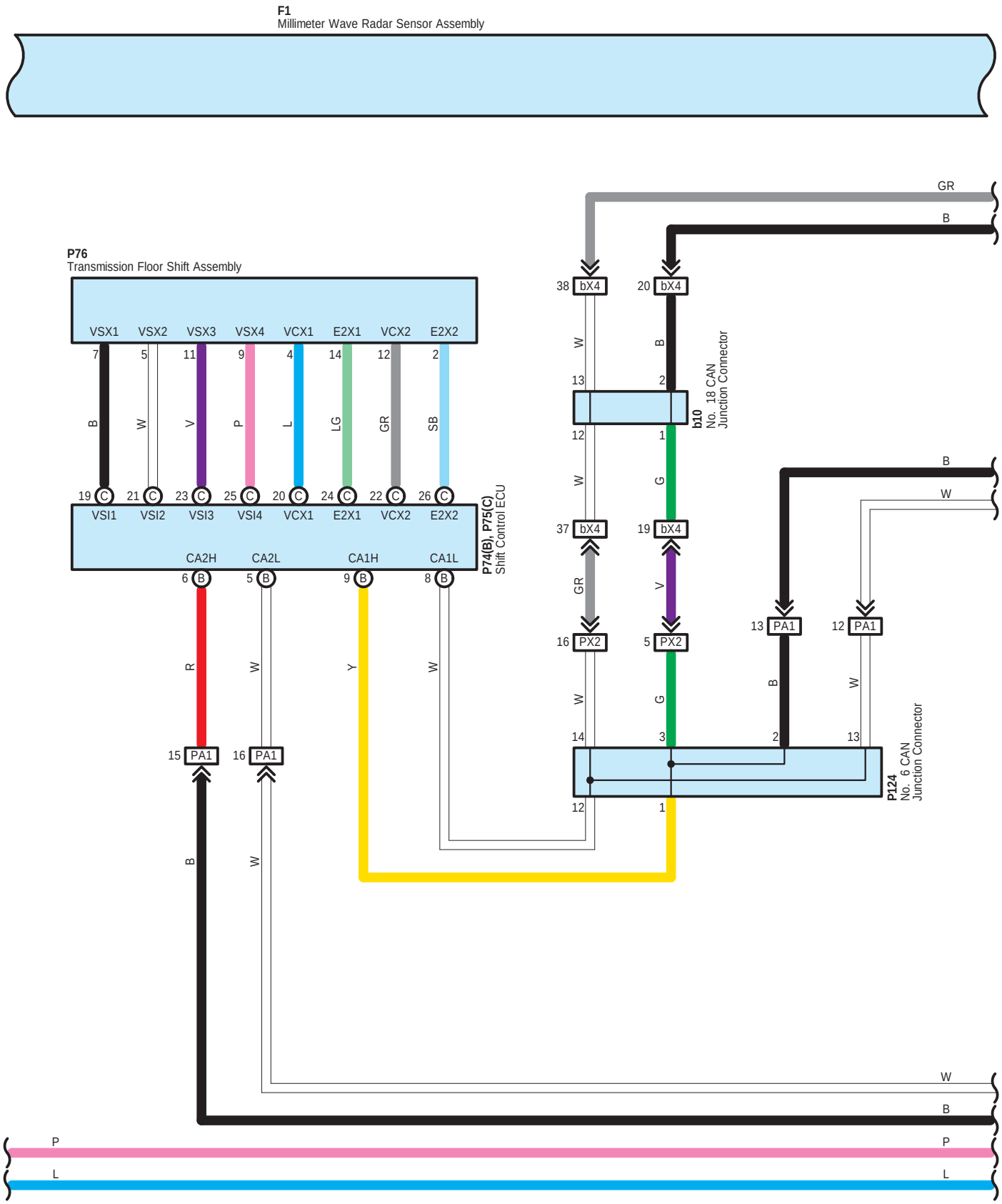
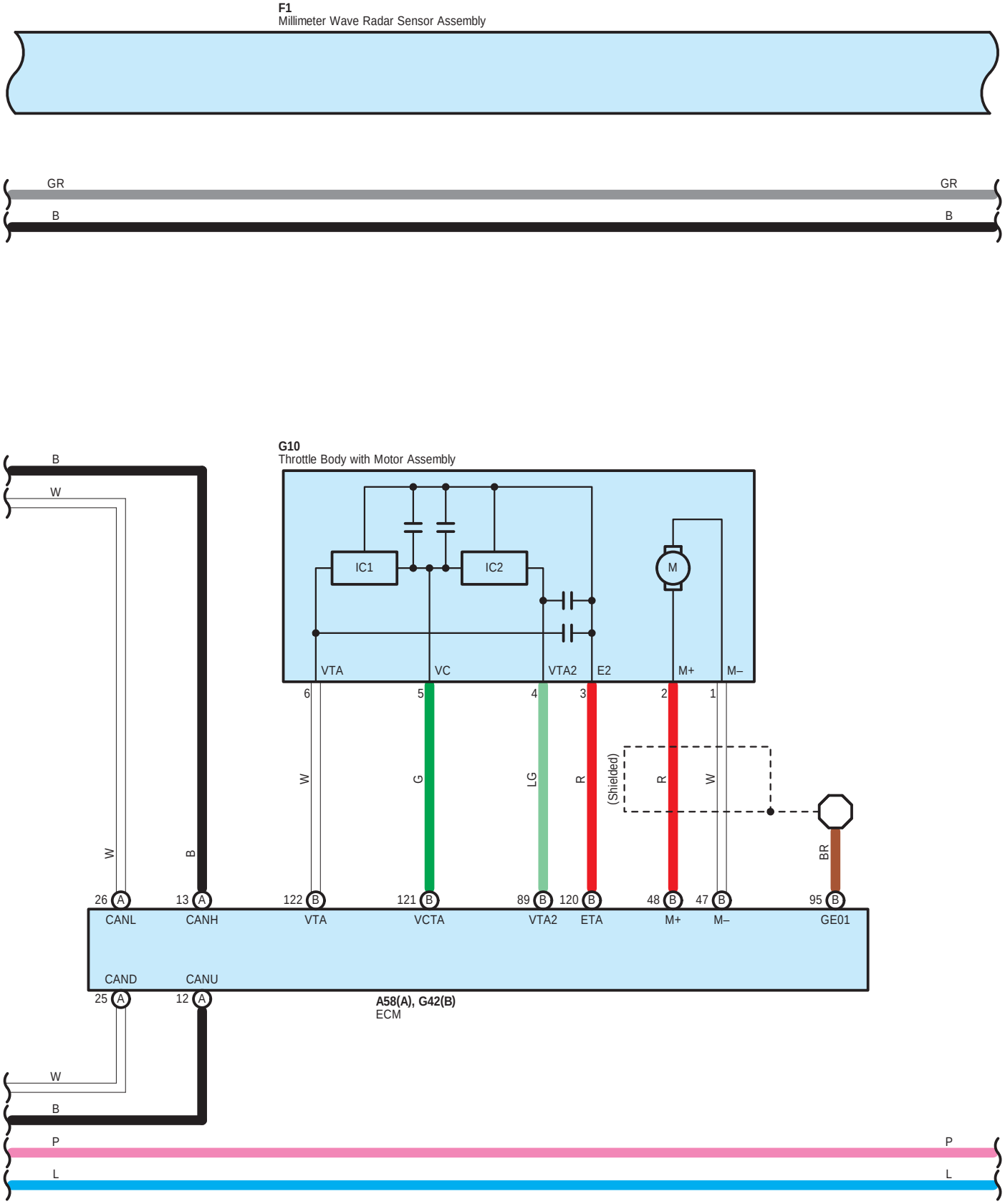
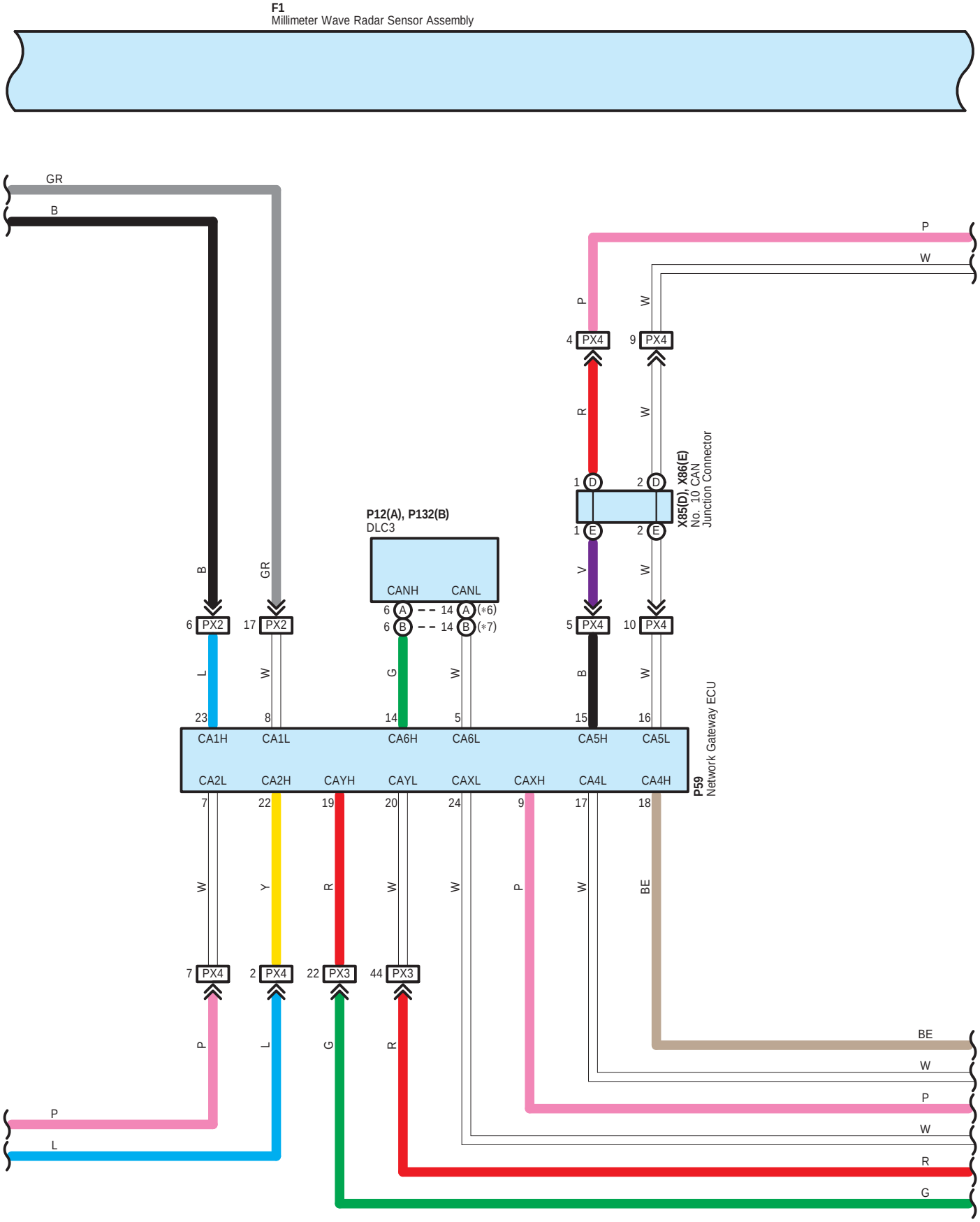
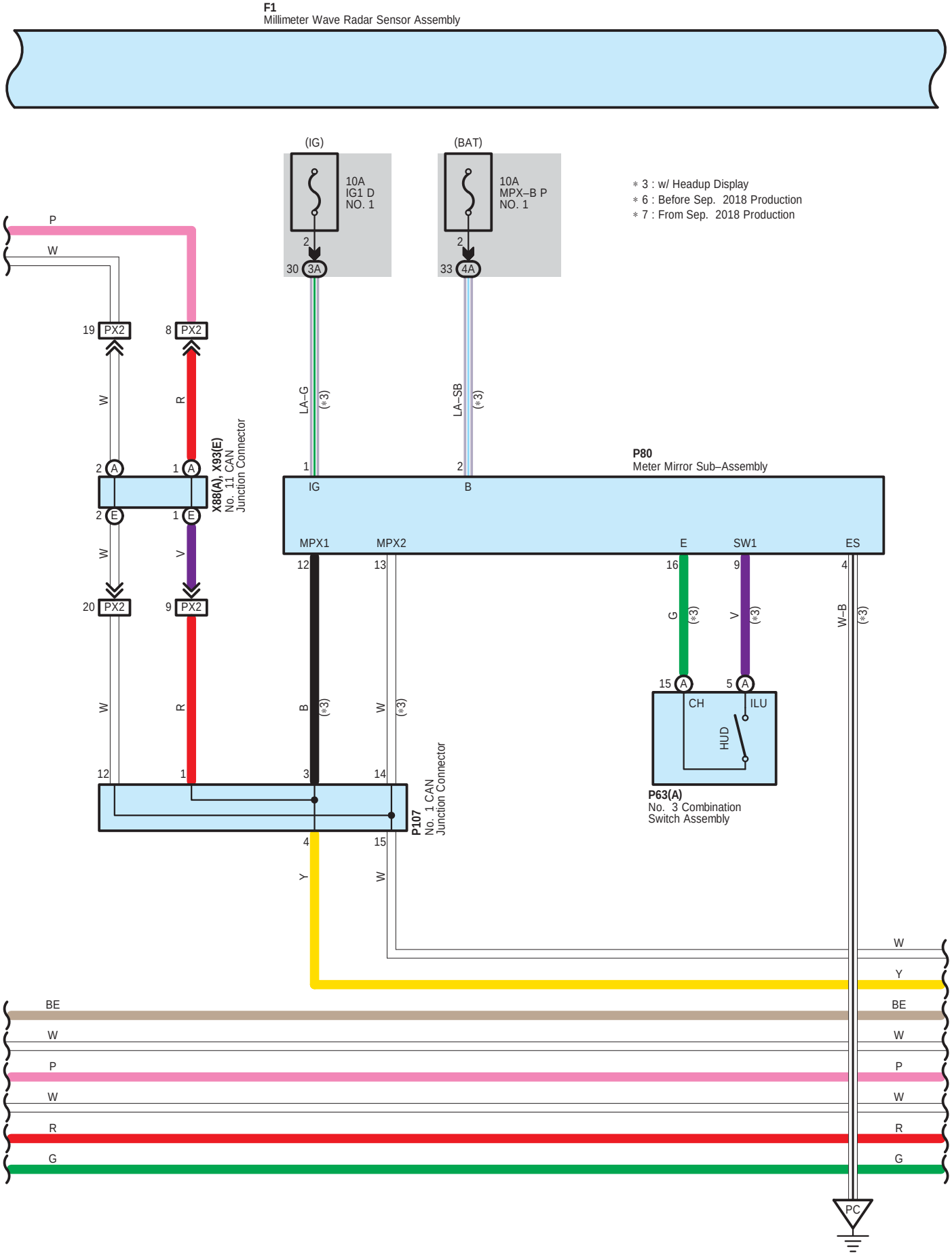

(IG)
10A
R/B–IG1
NO. 1
2
1
G
19
21
A63
No. 1
Junction Connector
F1
Millimeter Wave Radar Sensor Assembly
IGB
SGND
8
1
SB
W–B
8 FA1
1 FA1
Y
W–B
20
18
A64
No. 2
Junction Connector
W–B
AC
4 PX2
15 PX2
GR
P
W
BE
1 D
2 D
1 C
2 C
X102(C), X103(D)
No. 13 CAN
Junction Connector
P108
No. 2 CAN
Junction Connector
18
7
15
4
B
P
W
G
8 AX5
19 AX5
B
W
2
3
CANL
CANH
P35
Yaw Rate Sensor
4 AC2
8 AC2
B
W
10 A
11 A
CANH
CANL
C1(A)
Rack & Pinion Power Steering
Gear Assembly

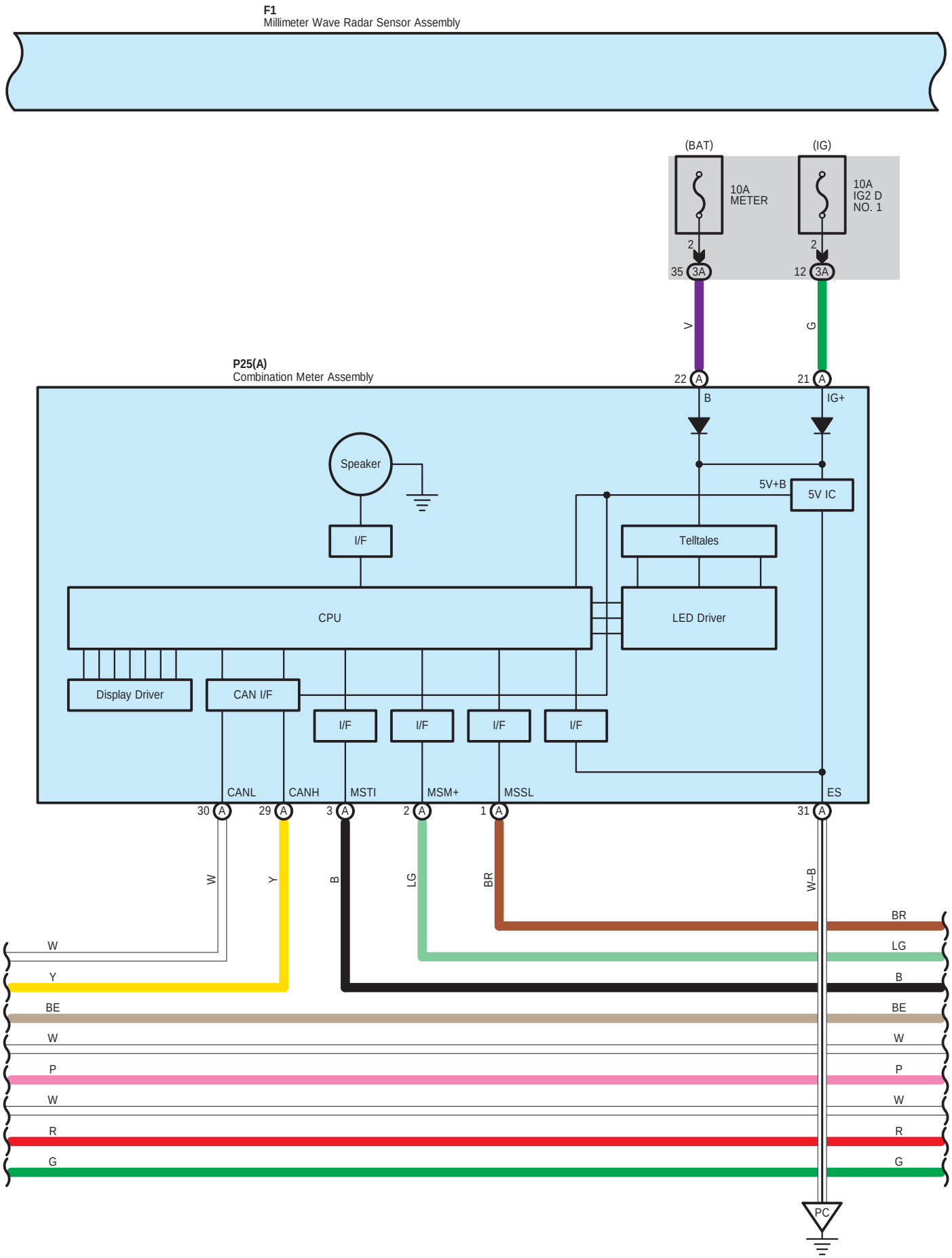

F1
Millimeter Wave Radar Sensor Assembly
∗1 : w/o VGRS
∗2 : w/ VGRS
P108
No. 2 CAN
Junction Connector
6
17
8
19
P
W
V
W
3 A
8 A (∗1)
3 B
8 B (∗2)
CANH
CANL
P21(A), P22(B),
z22(C)
Steering Sensor
3 PX4
8 PX4
TR
TL
CR
EL
8 C
9 C
10 C
13 C
z22(C), z34(E)
Steering Wheel
Switch Housing
GR
P
4
10
X96
No. 12 CAN
Junction Connector
9 E
3 E
4 E
12 E
TR
TL
CR
EL
5
11
L
P
Turn Signal
Switch
R
N
L
P
L
z34(E)
Turn Signal Switch

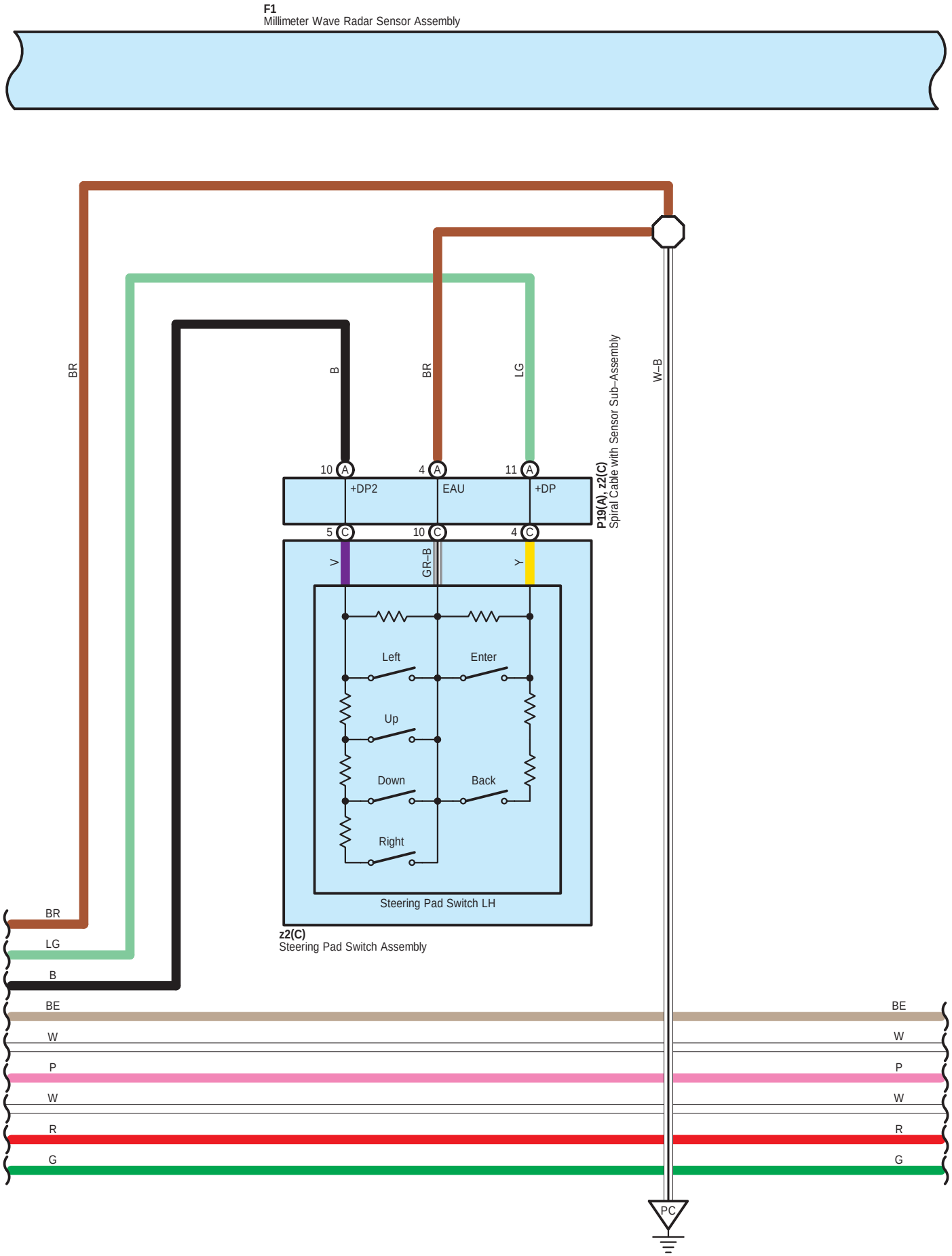

F1
Millimeter Wave Radar Sensor Assembly
P76
Transmission Floor Shift Assembly
VSX1 VSX2 VSX3 VSX4 VCX1 E2X1 VCX2 E2X2
VSI1 VSI2 VSI3 VSI4 VCX1 E2X1 VCX2 E2X2
CA2H CA2L CA1H CA1L
P74(B), P75(C)
Shift Control ECU
b10
No. 18 CAN
Junction Connector
P124
No. 6 CAN
Junction Connector
bX4
PX2
PA1
GR
B
W
V
G
R
Y
P
L
SB
LG

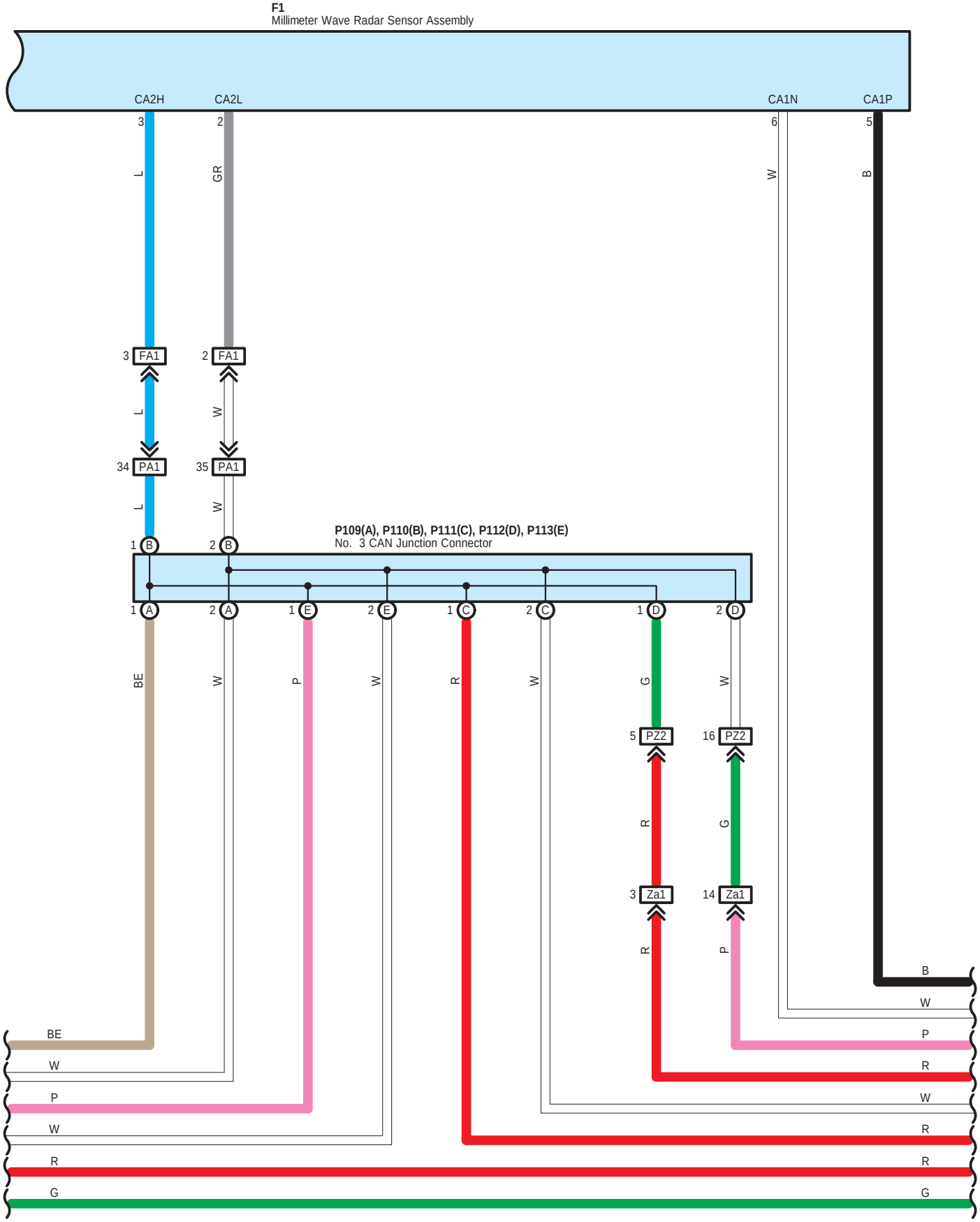

F1
Millimeter Wave Radar Sensor Assembly
GR
GR
B
B
G10
Throttle Body with Motor Assembly
IC1
IC2
M
VTA
VC
VTA2
E2
M+
M–
6
5
4
3
2
1
W
G
LG
R
(Shielded)
R
W
BR
B
W
26 A
13 A
122 B
121 B
89 B
120 B
48 B
47 B
95 B
CANL
CANH
VTA
VCTA
VTA2
ETA
M+
M–
GE01
CAND
CANU
25 A
12 A
A58(A), G42(B)
ECM
W
B
P
P
L
L

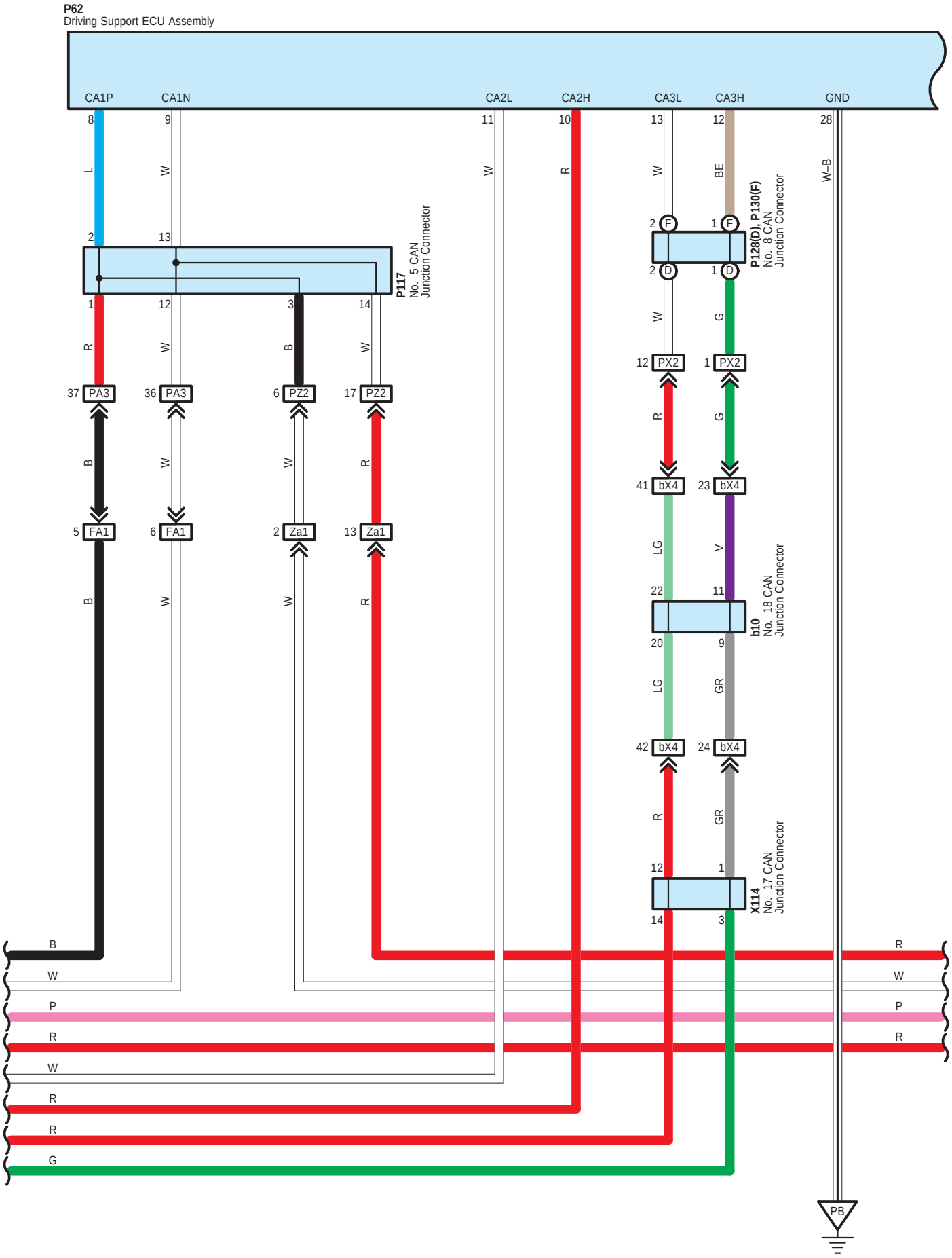

F1
Millimeter Wave Radar Sensor Assembly
GR
B
P
W
4 PX4
9 PX4
R
W
1 D
2 D
1 E
2 E
X85(D), X86(E)
No. 10 CAN
Junction Connector
P12(A), P132(B)
DLC3
CANH
CANL
6 A
14 A (*6)
6 B
14 B (*7)
V
W
6 PX2
17 PX2
5 PX4
10 PX4
L
W
G
W
B
W
23
8
14
5
15
16
CA1H
CA1L
CA6H
CA6L
CA5H
CA5L
CA2L
CA2H
CAYH
CAYL
CAXL
CAXH
CA4L
CA4H
P59
Network Gateway ECU
7
22
19
20
24
9
17
18
W
Y
R
W
W
P
W
BE
7 PX4
2 PX4
22 PX3
44 PX3
P
L
G
R
BE
W
P
W
R
G
P
L

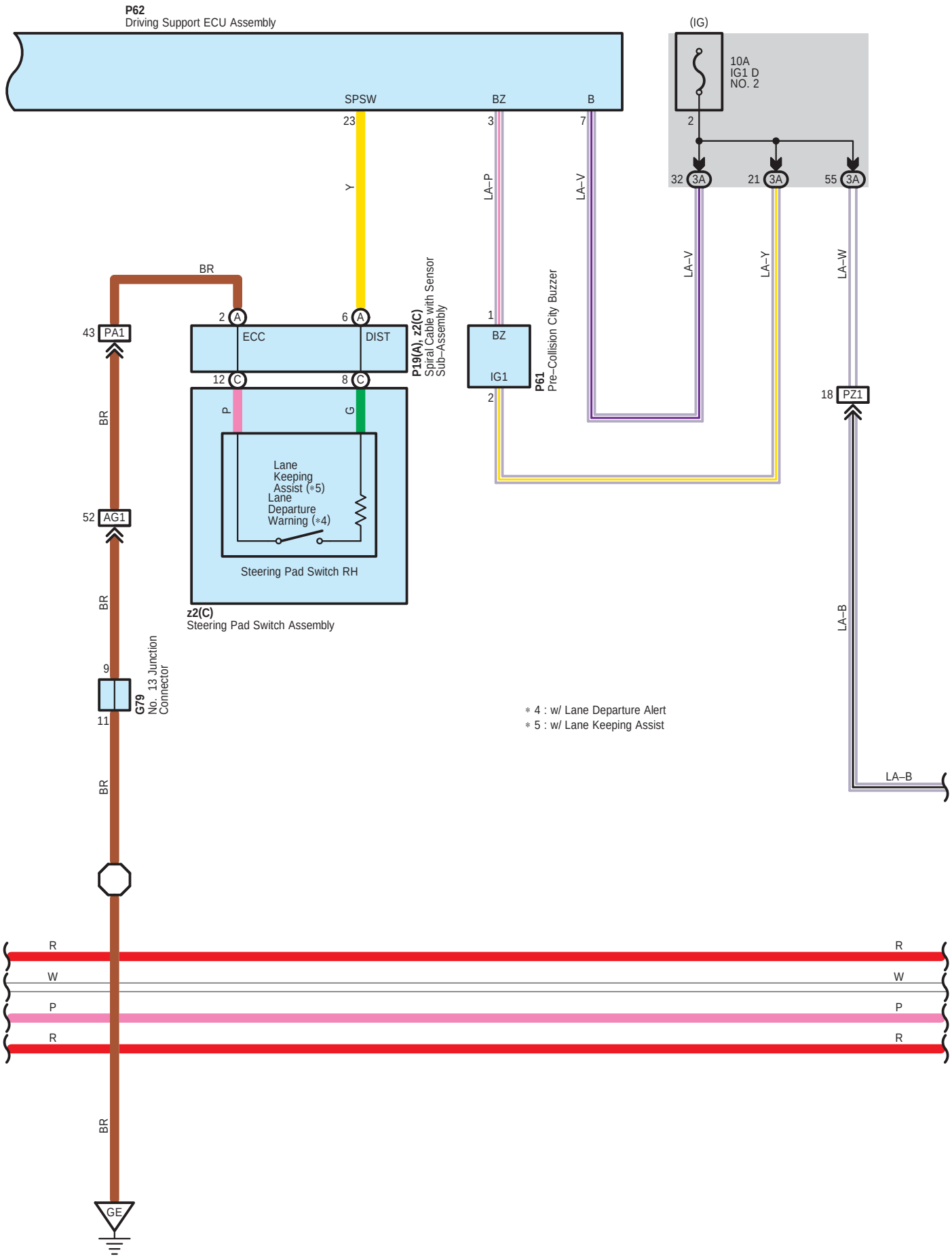

F1
Millimeter Wave Radar Sensor Assembly
(IG)
10A
IG1 D
NO. 1
(BAT)
10A
MPX–B P
NO. 1
∗ 3 : w/ Headup Display
∗ 6 : Before Sep. 2018 Production
∗ 7 : From Sep. 2018 Production
P
W
19 PX2
8 PX2
W
R
X88(A), X93(E)
No. 11 CAN
Junction Connector
2 A
1 A
2 E
1 E
W
V
20 PX2
9 PX2
W
R
12
1
LA–G
(∗3)
LA–SB
(∗3)
30 3A
33 4A
P80
Meter Mirror Sub–Assembly
IG
B
MPX1
MPX2
E
SW1
ES
12
13
16
9
4
G
(∗3)
V
(∗3)
W–B
(∗3)
15 A
5 A
CH
ILU
HUD
P63(A)
No. 3 Combination
Switch Assembly
B
(∗3)
W
(∗3)
3
14
P107
No. 1 CAN
Junction Connector
4
15
Y
W
W
Y
BE
BE
W
W
P
P
W
W
R
R
G
G
PC

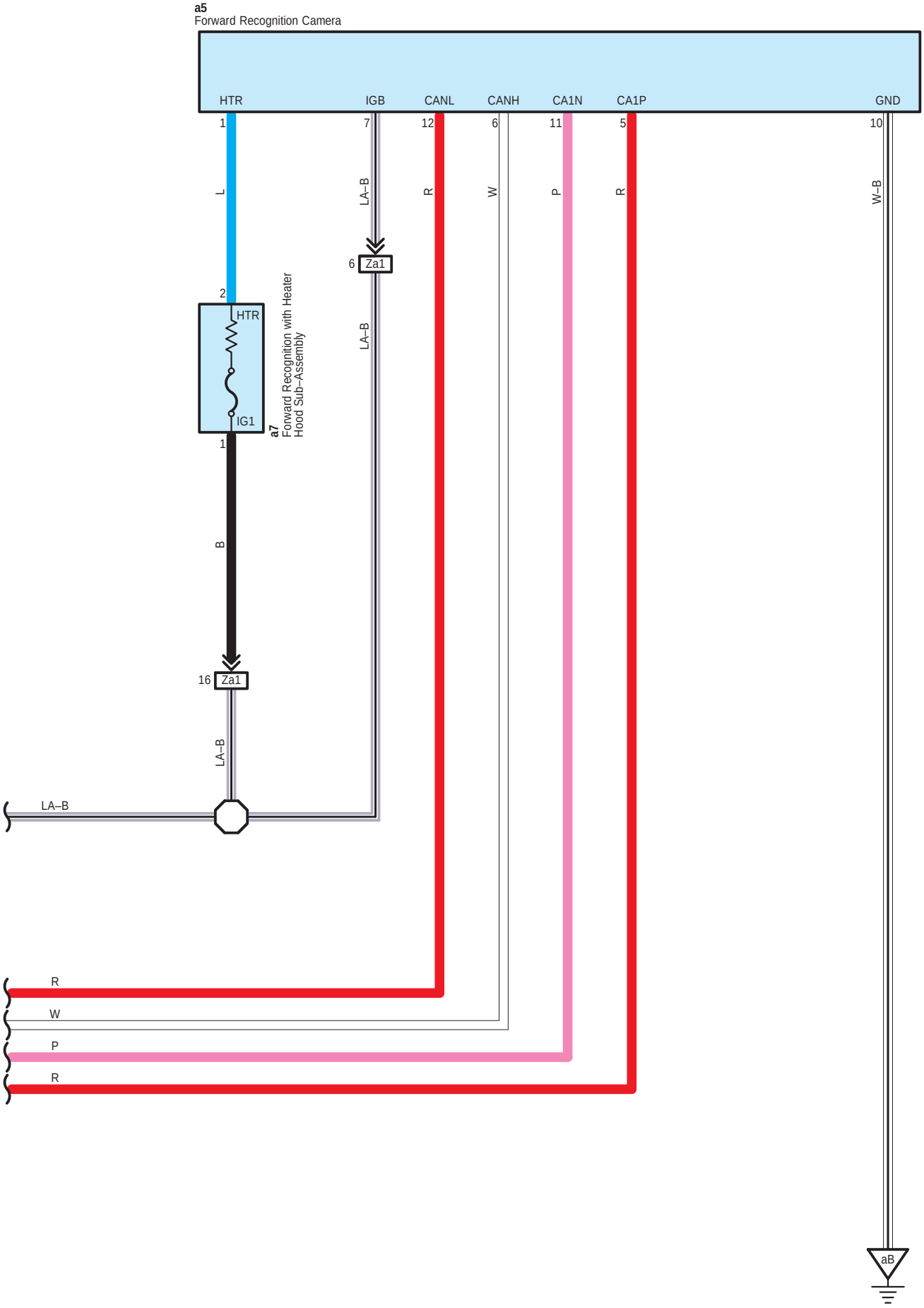

F1
Millimeter Wave Radar Sensor Assembly
(BAT)
(IG)
10A
METER
10A
IG2 D
NO. 1
2
35 3A
12 3A
V
G
P25(A)
Combination Meter Assembly
22 A
21 A
B
IG+
Speaker
5V+B
5V IC
I/F
Telltales
CPU
LED Driver
Display Driver
CAN I/F
I/F
I/F
I/F
I/F
CANL
CANH
MSTI
MSM+
MSSL
ES
30 A
29 A
3 A
2 A
1 A
31 A
W
Y
B
LG
BR
W–B
BR
LG
B
W
Y
BE
BE
W
W
P
P
W
W
R
R
G
G
PC


F1
Millimeter Wave Radar Sensor Assembly
BR
B
BR
LG
W–B
10 A
4 A
11 A
+DP2
EAU
+DP
P19(A), z2(C)
Spiral Cable with Sensor Sub–Assembly
5 C
10 C
4 C
V
GR–B
Y
Left
Enter
Up
Down
Back
Right
Steering Pad Switch LH
z2(C)
Steering Pad Switch Assembly
BR
LG
B
BE
W
P
W
R
G
BE
W
P
W
R
G
PC

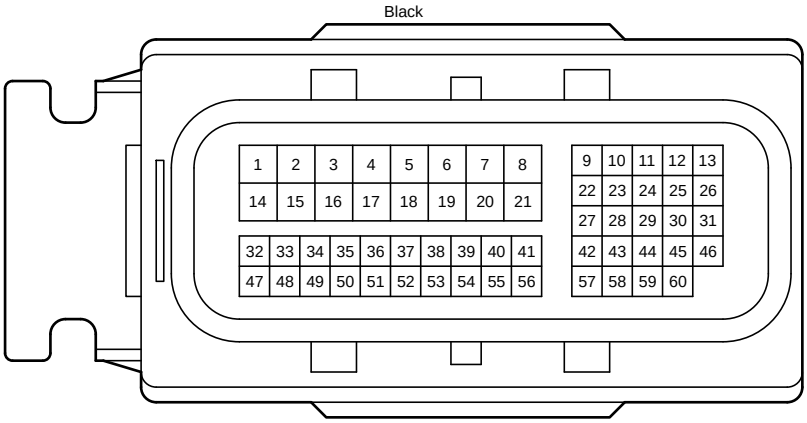

F1
Millimeter Wave Radar Sensor Assembly
CA2H
CA2L
CA1N
CA1P
3
2
6
5
L
GR
W
B
3 FA1
2 FA1
L
W
34 PA1
35 PA1
L
W
1 B
2 B
P109(A), P110(B), P111(C), P112(D), P113(E)
No. 3 CAN Junction Connector
1 A
2 A
1 E
2 E
1 C
2 C
1 D
2 D
BE
W
P
W
R
W
G
W
5 PZ2
16 PZ2
R
G
3 Za1
14 Za1
R
P
B
W
P
R
W
R
R
G
BE
W
P
W
R
G


P62
Driving Support ECU Assembly
CA1P
CA1N
CA2L
CA2H
CA3L
CA3H
GND
P117
No. 5 CAN
Junction Connector
P128(D), P130(F)
No. 8 CAN
Junction Connector
b10
No. 18 CAN
Junction Connector
X114
No. 17 CAN
Junction Connector
PA3
PZ2
PX2
FA1
Za1
bX4
PB


P62
Driving Support ECU Assembly
SPSW
BZ
B
23
3
7
(IG)
10A
IG1 D
NO. 2
2
32 3A
21 3A
55 3A
Y
LA–P
LA–V
LA–V
LA–Y
LA–W
BR
43 PA1
2 A
6 A
ECC
DIST
P19(A), z2(C)
Spiral Cable with Sensor
Sub–Assembly
1
BZ
IG1
2
P61
Pre–Collision City Buzzer
18 PZ1
12 C
8 C
P
G
Lane
Keeping
Assist (*5)
Lane
Departure
Warning (*4)
Steering Pad Switch RH
z2(C)
Steering Pad Switch Assembly
52 AG1
BR
BR
9
11
G79
No. 13 Junction
Connector
BR
LA–B
LA–B
* 4 : w/ Lane Departure Alert
* 5 : w/ Lane Keeping Assist
R
W
P
R
R
W
P
R
BR
GE

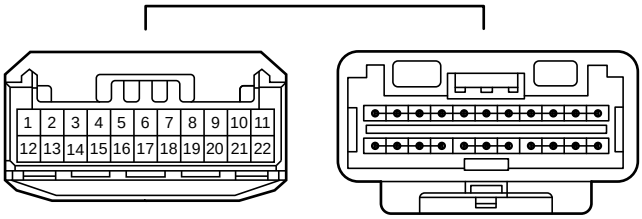

a5
Forward Recognition Camera
HTR
IGB
CANL
CANH
CA1N
CA1P
GND
1
7
12
6
11
5
10
L
LA–B
R
W
P
R
W–B
6
Za1
2
HTR
IG1
a7
Forward Recognition with Heater Hood Sub–Assembly
1
B
16
Za1
LA–B
LA–B
R
W
P
R
aB

A58
Black



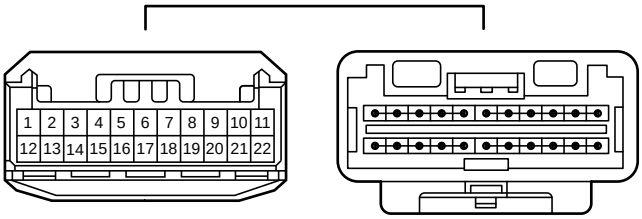
90980-12931

A63
Black



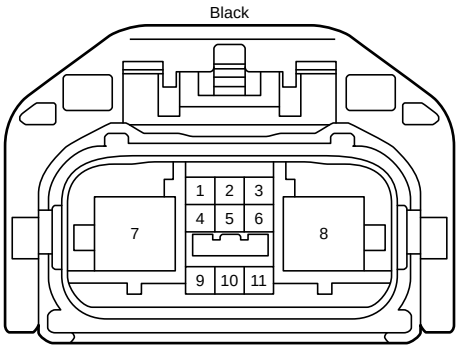
90980-12B54

A64
Black



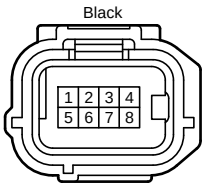
90980-12B54

C1
Black



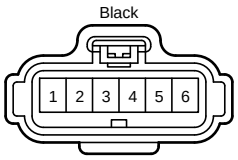
90980-12C57

F1
Black



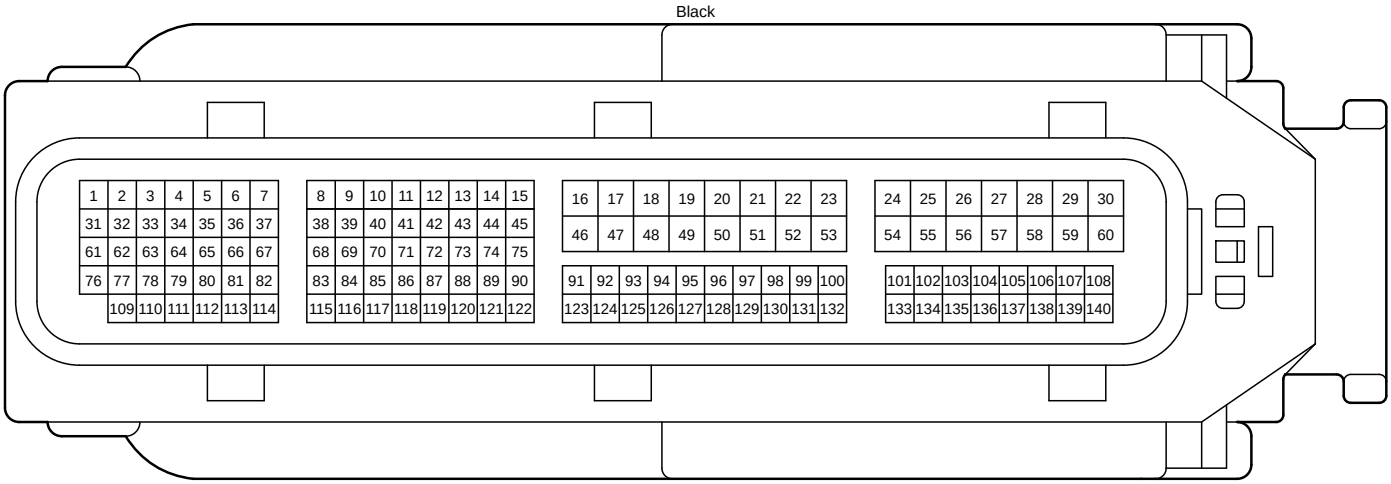
90980-12520

G10
Black



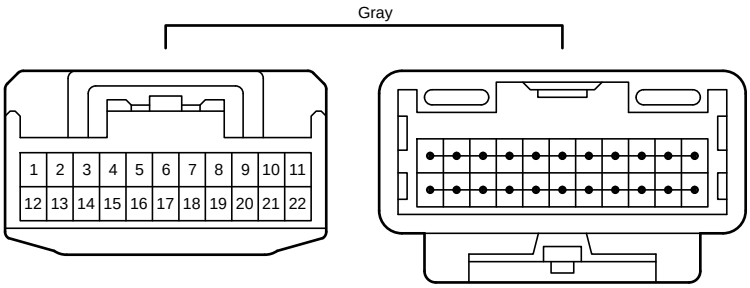
90980-11858

G42
Black



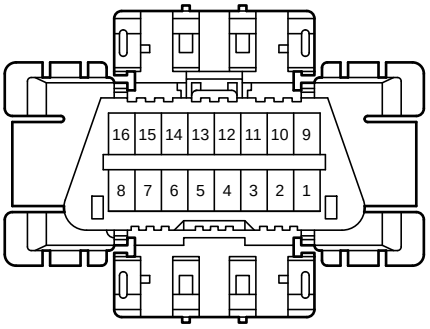
90980-12966

G79
Gray



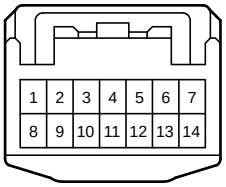
90980-12372

P12
White



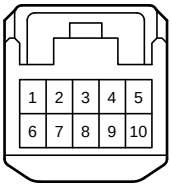
90980-11665

P19
Black



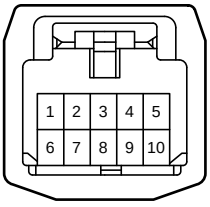
90980-12370

P21
White



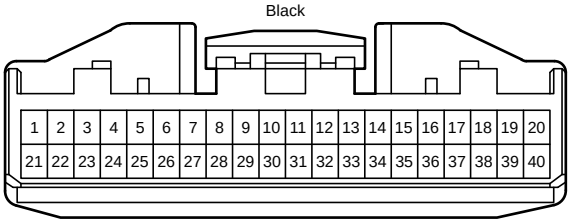
90980-12368

P22
Black



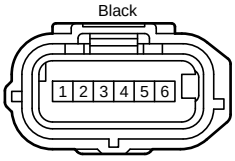
82824-78040

P25
Black



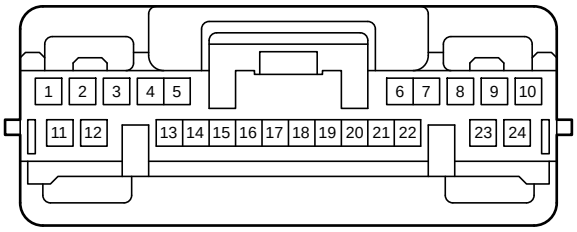
90980-12557

P35
Black



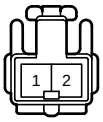
90980-12303

P59
Black



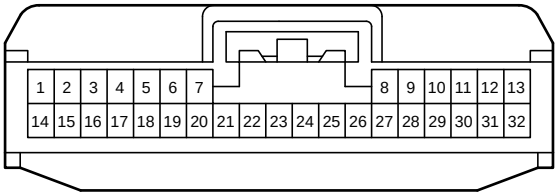
90980-12912

P61
Blue



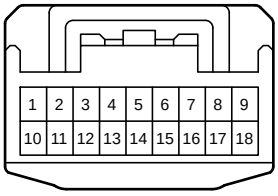
90980-10860

P62
White



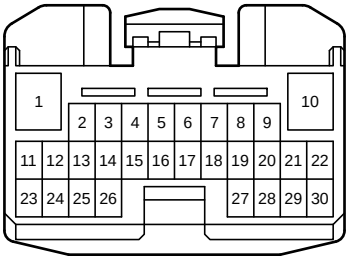
90980-12422

P63
White



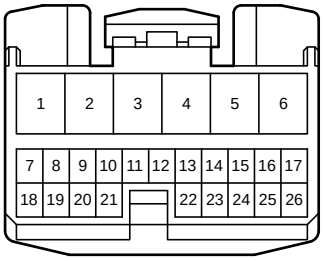
90980-12412

P74
White



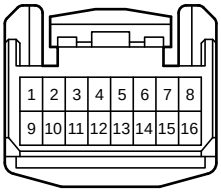
90980-12562

P75
White



90980-12561

P76
White



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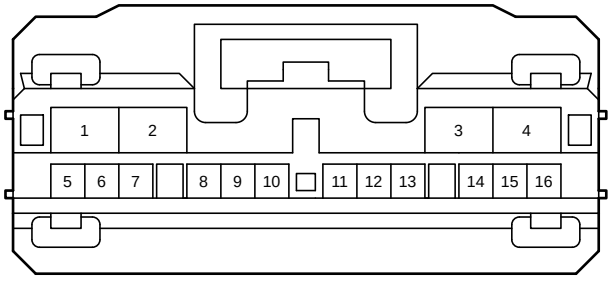

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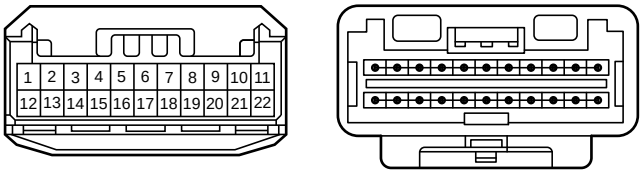

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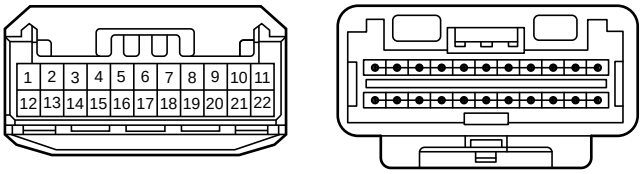

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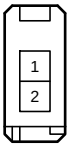

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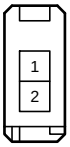

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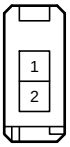

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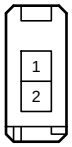

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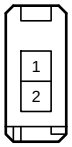

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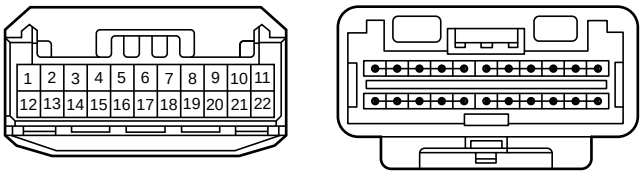

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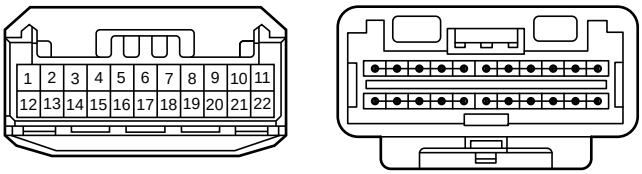

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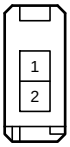

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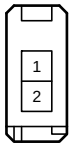

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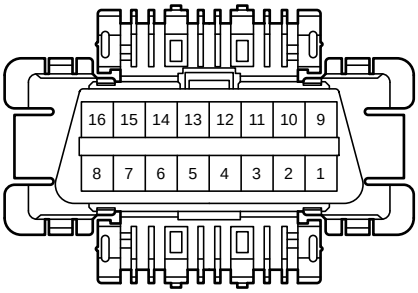

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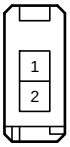

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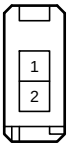

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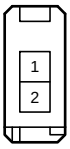

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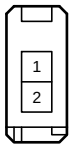

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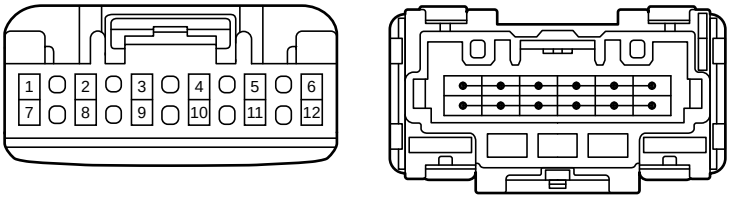

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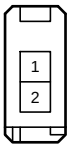

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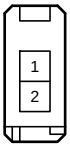

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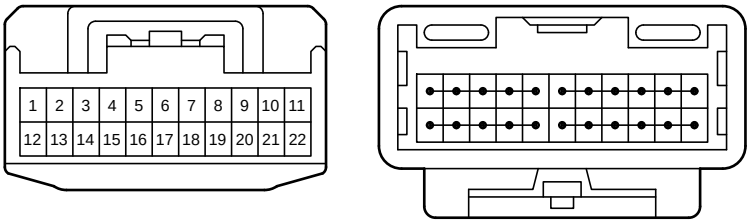

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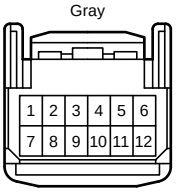

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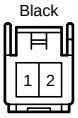

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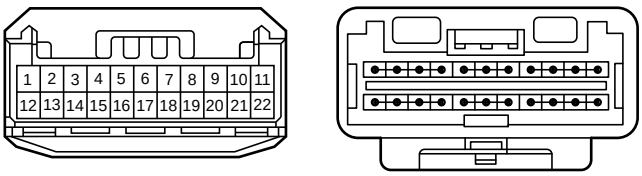

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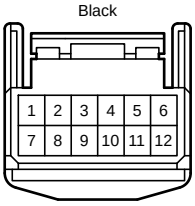

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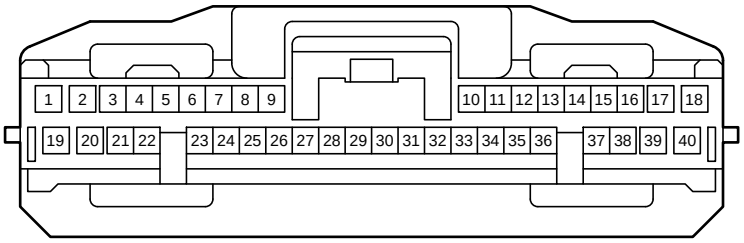

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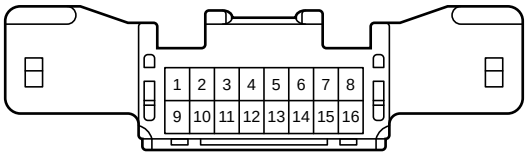

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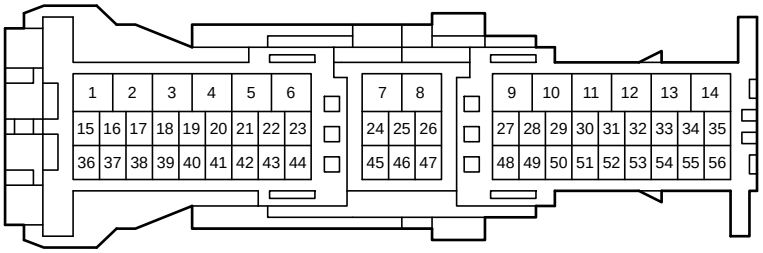

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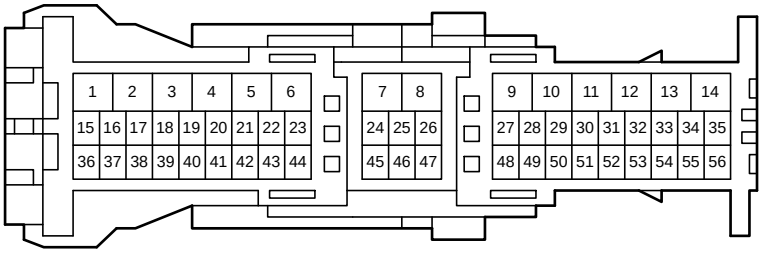

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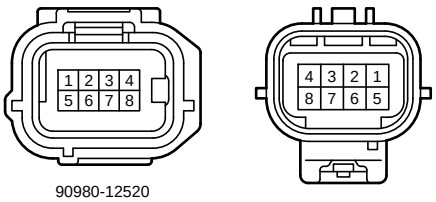

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90980-12519

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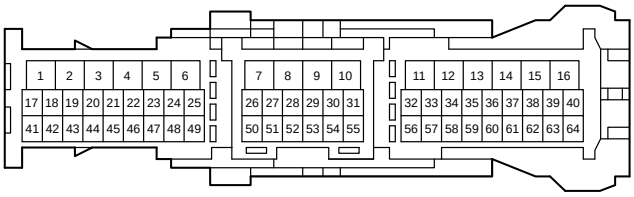

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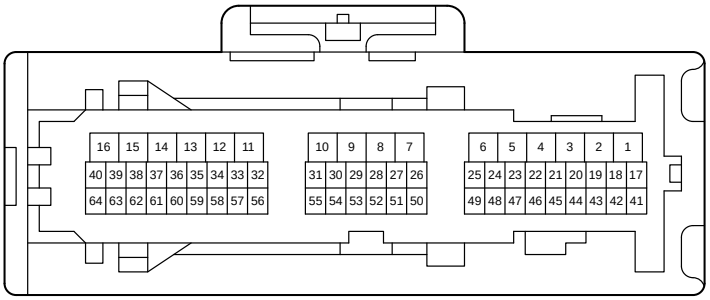

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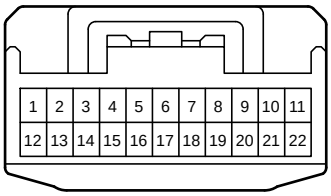

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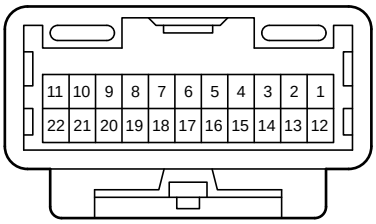

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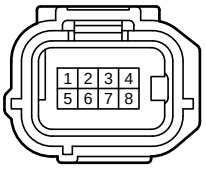

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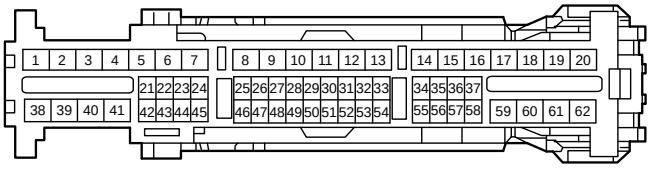

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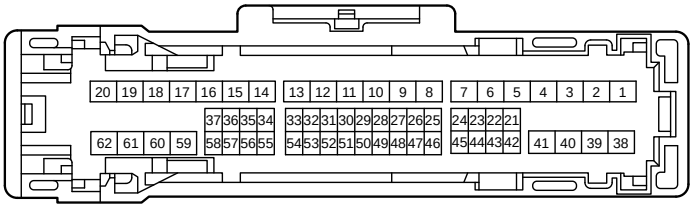

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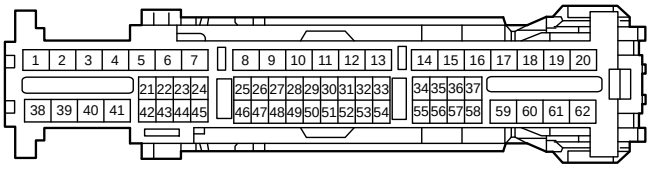

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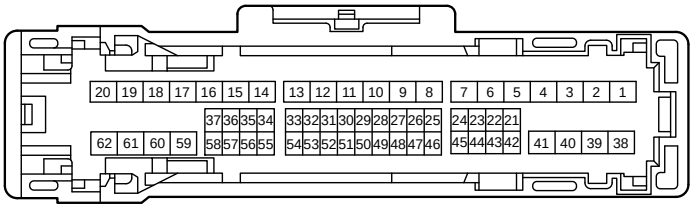

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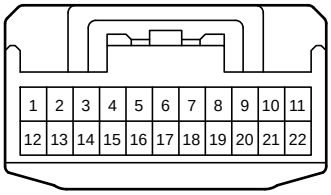

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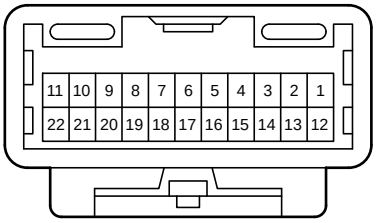

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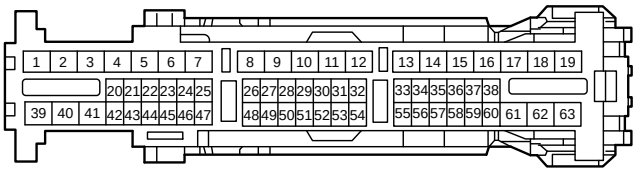

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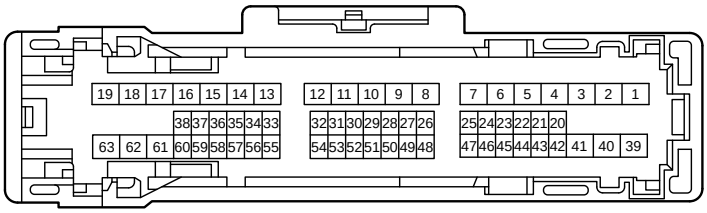

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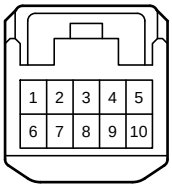

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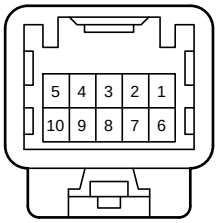

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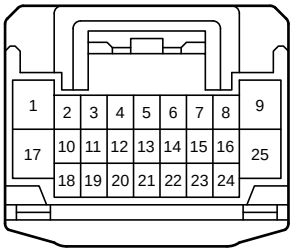

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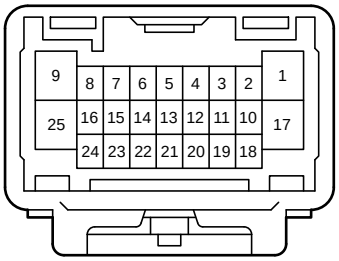

90980-12413

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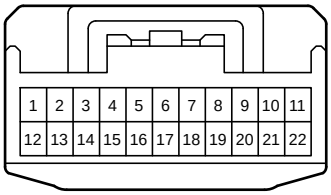

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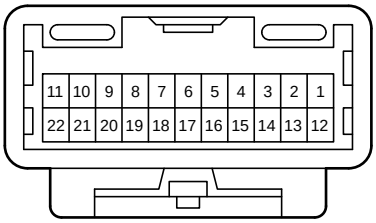

90980-12371

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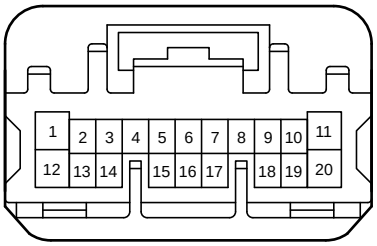

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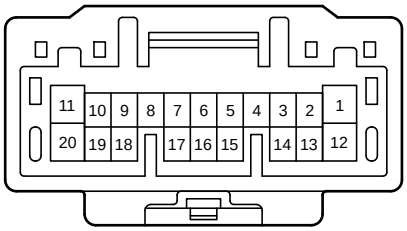

90980-12740

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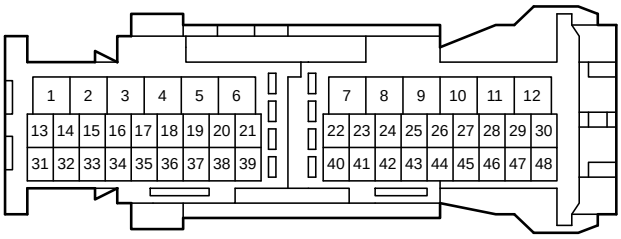
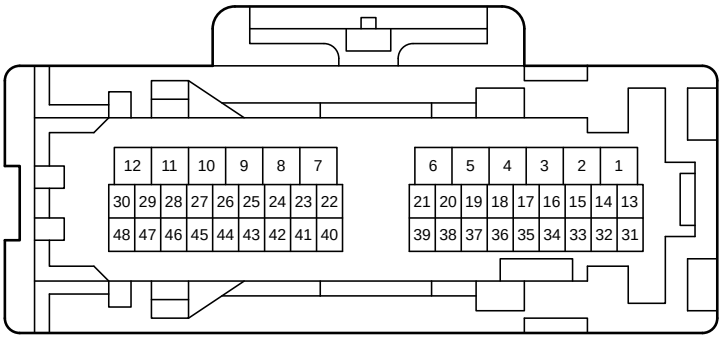


90980-12779



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