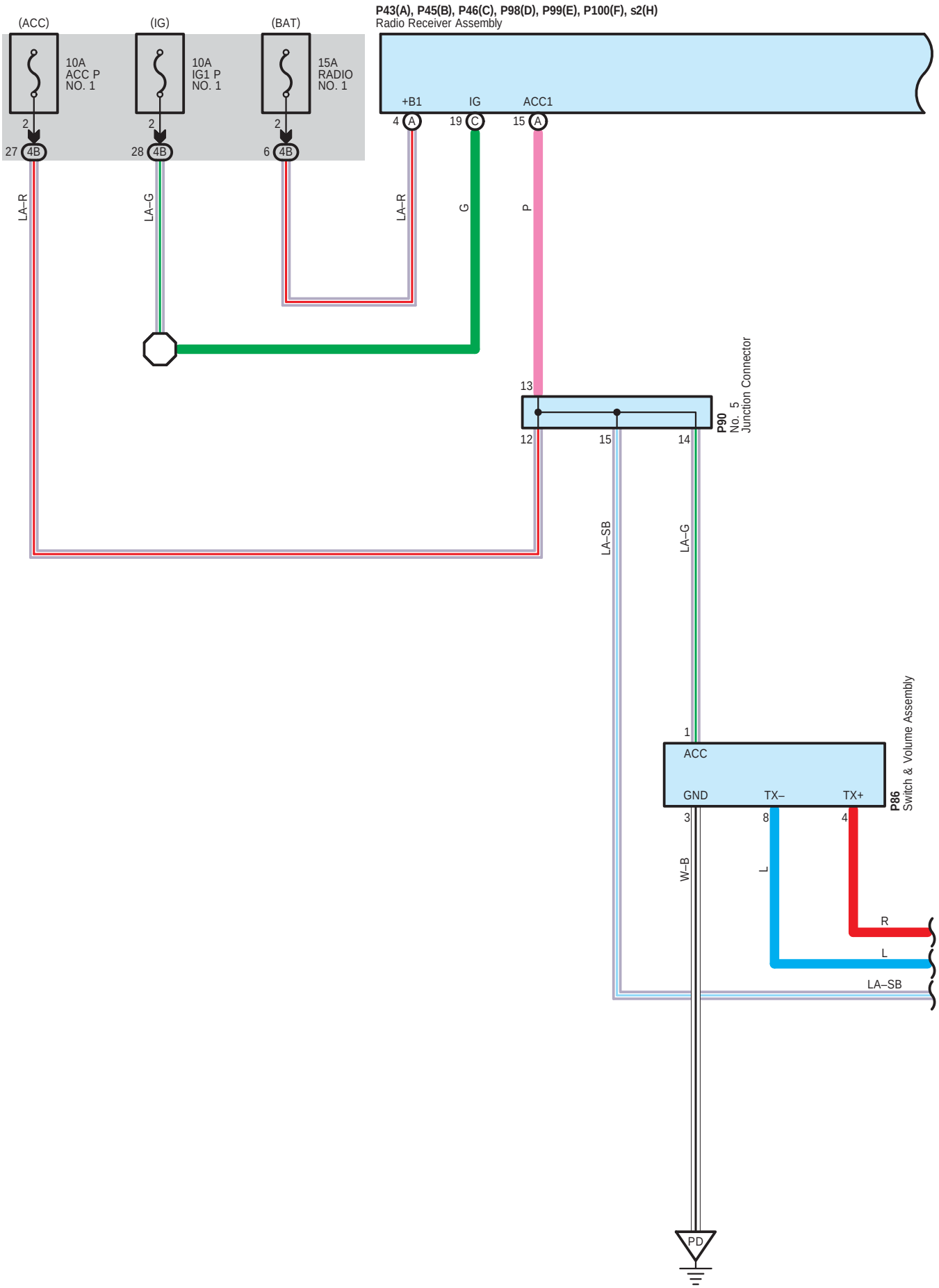
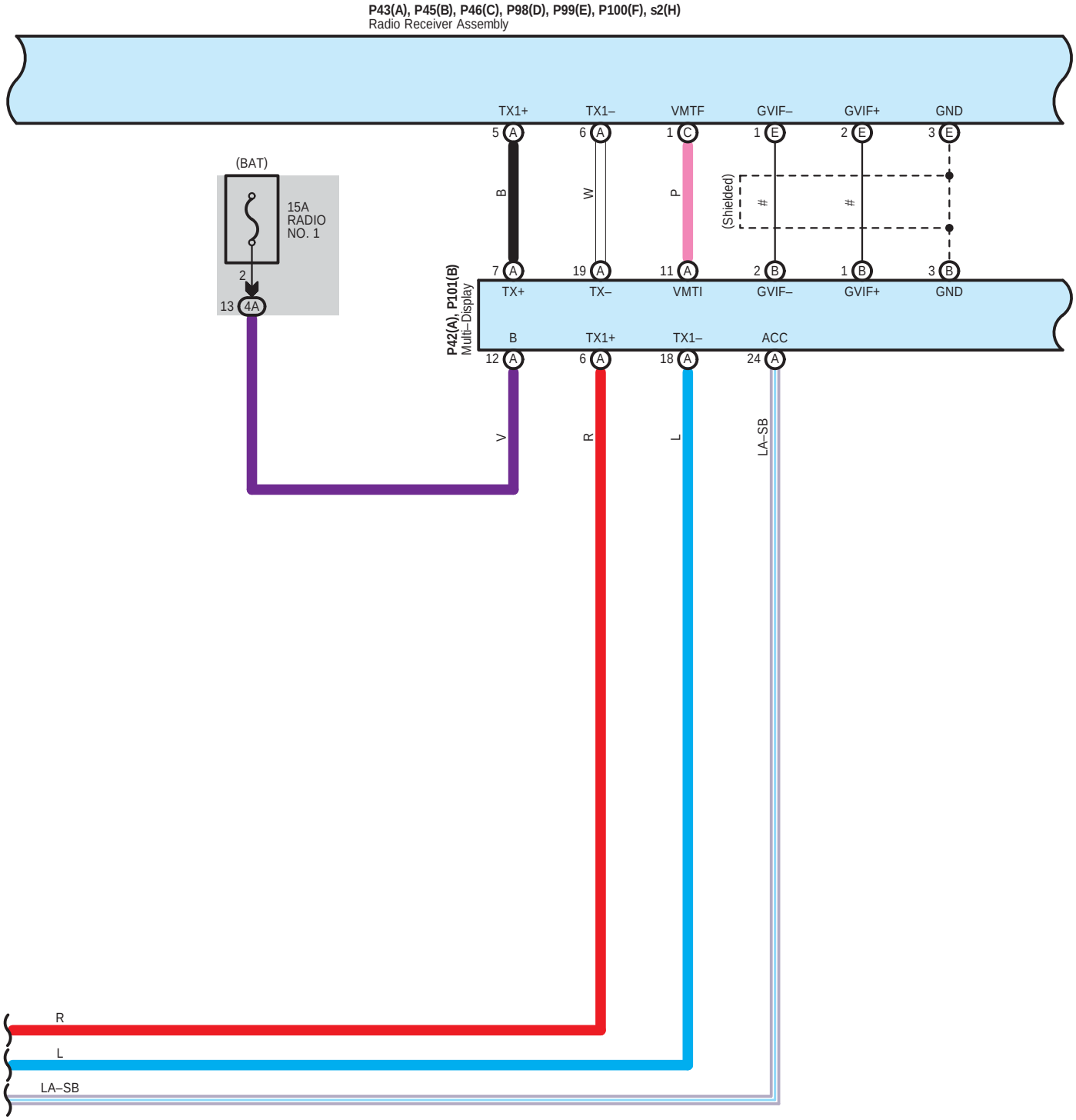
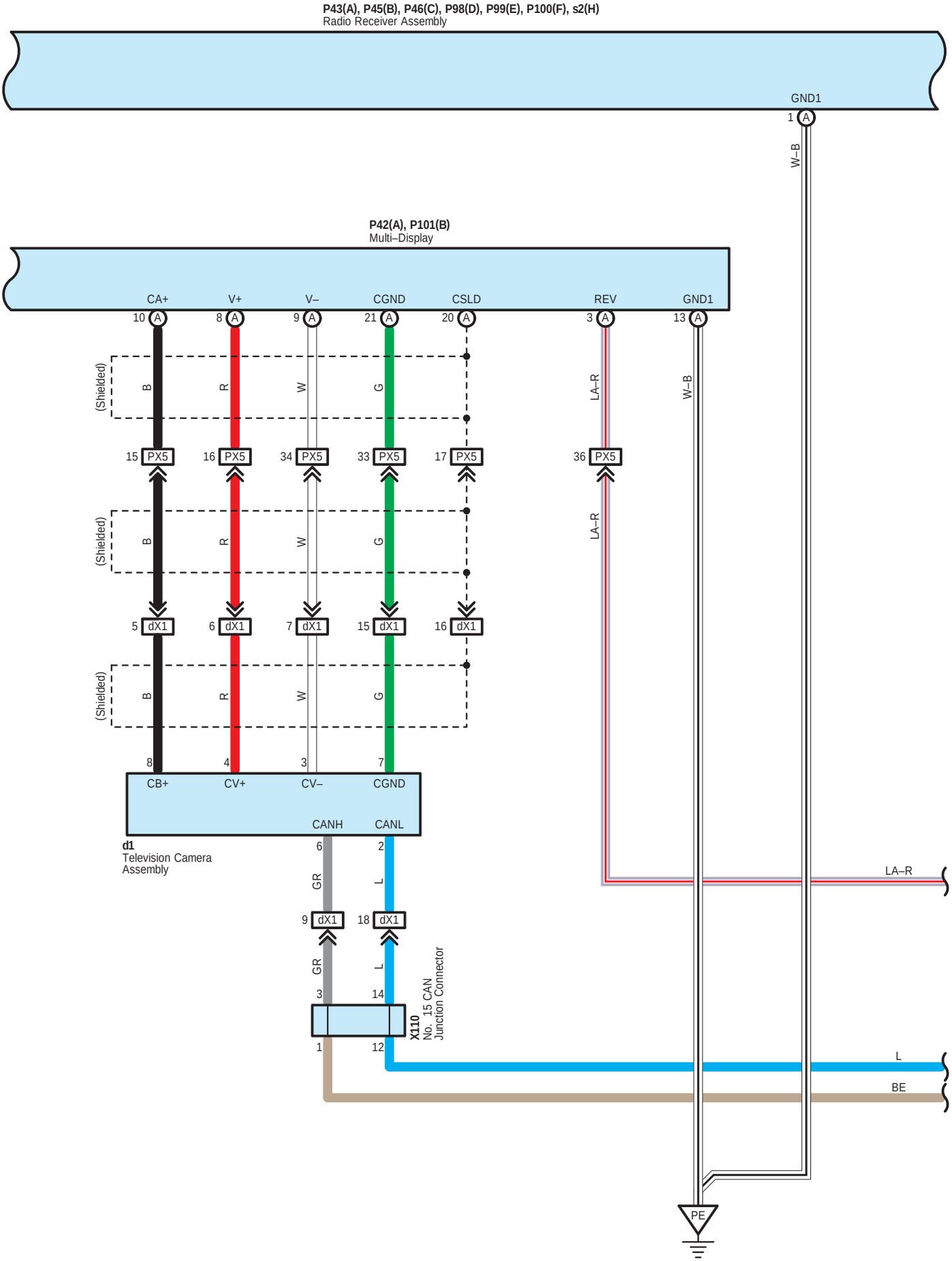
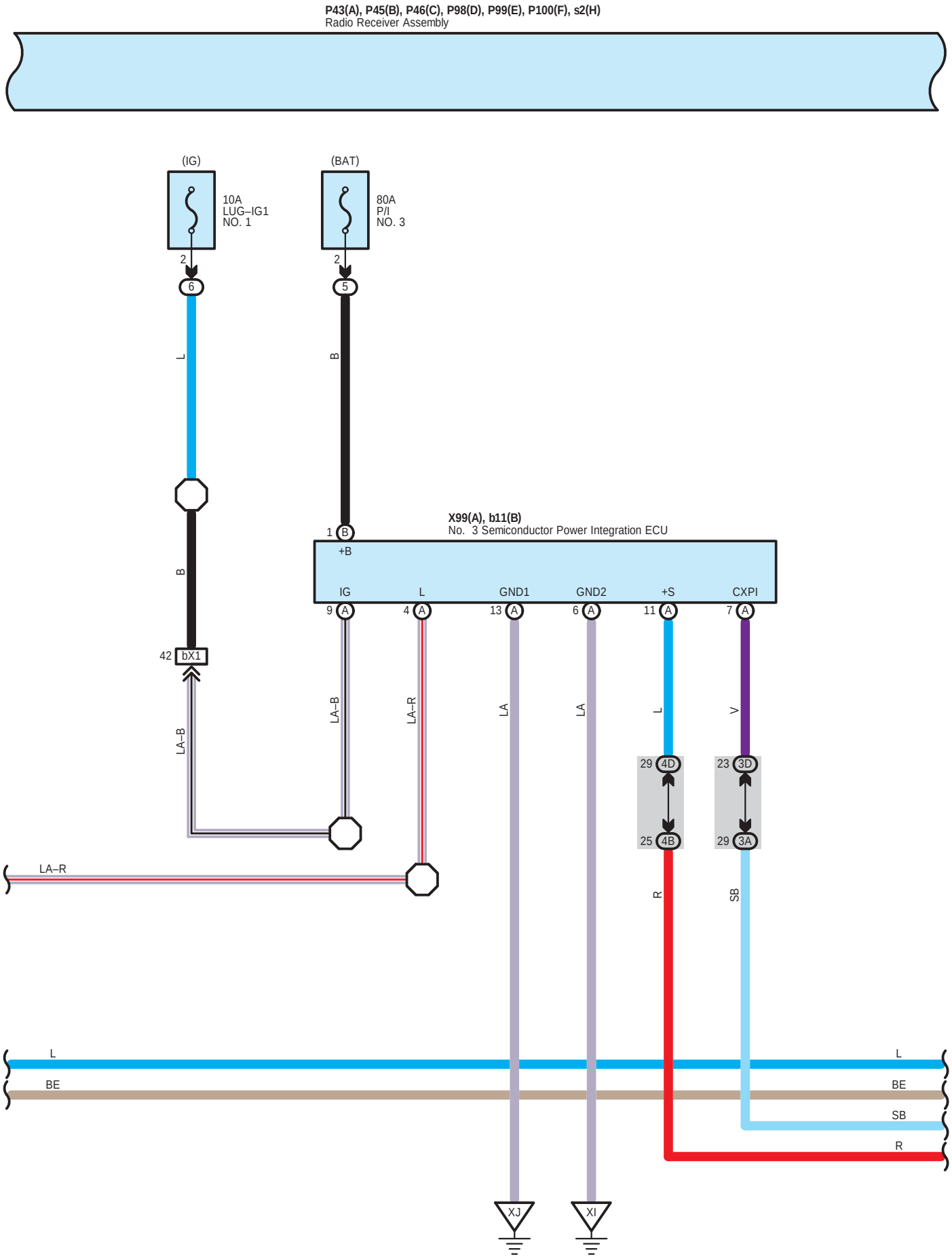
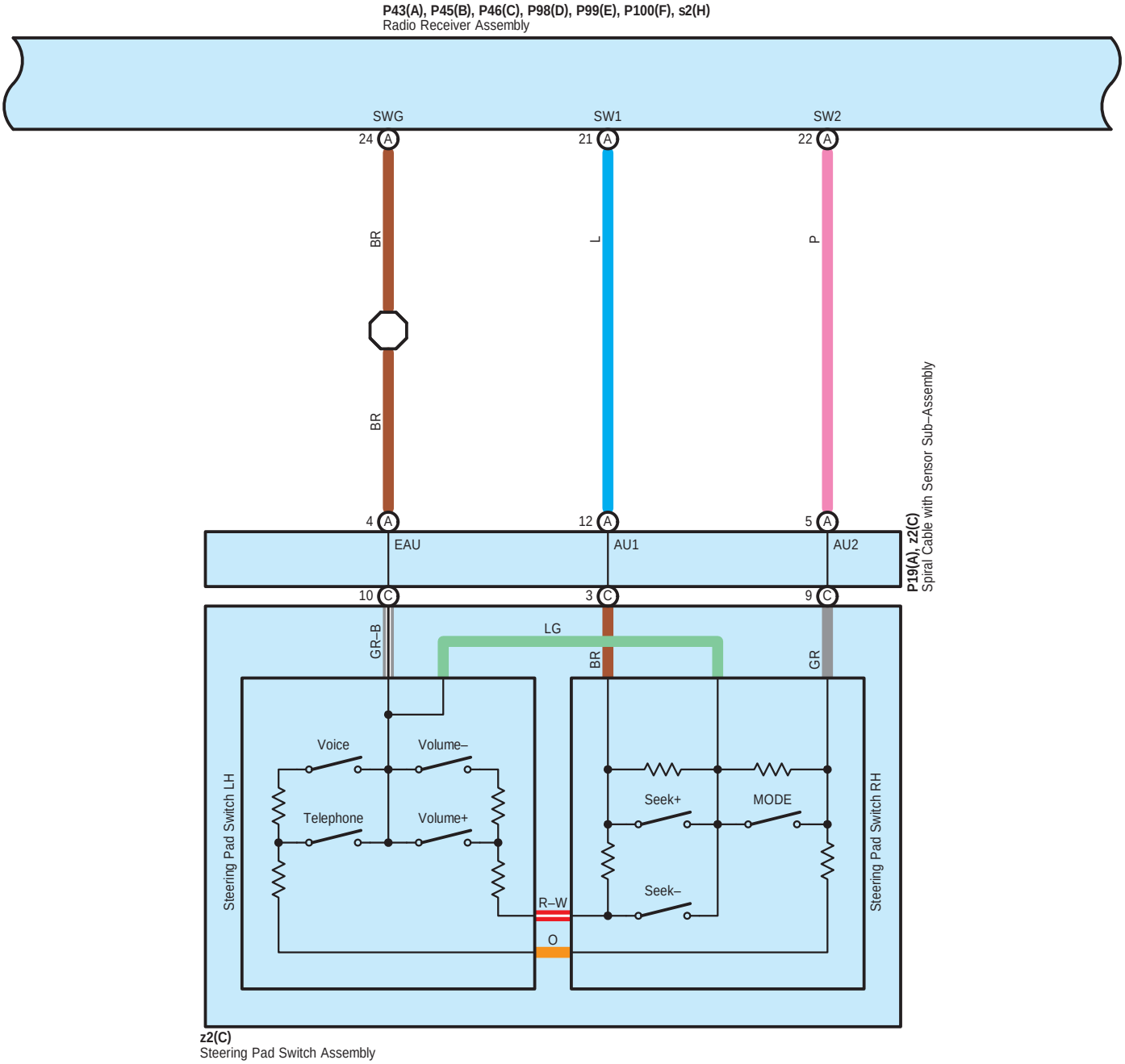

(ACC)
(IG)
(BAT)
10A
ACC P
NO. 1
10A
IG1 P
NO. 1
15A
RADIO
NO. 1
P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
+B1
IG
ACC1
LA–R
LA–G
LA–R
G
P
P90
No. 5
Junction Connector
LA–SB
LA–G
P86
Switch & Volume Assembly
ACC
GND
TX–
TX+
W–B
L
R
L
LA–SB
PD

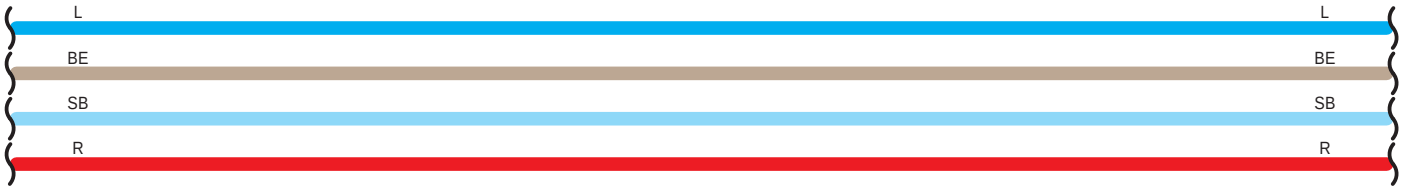


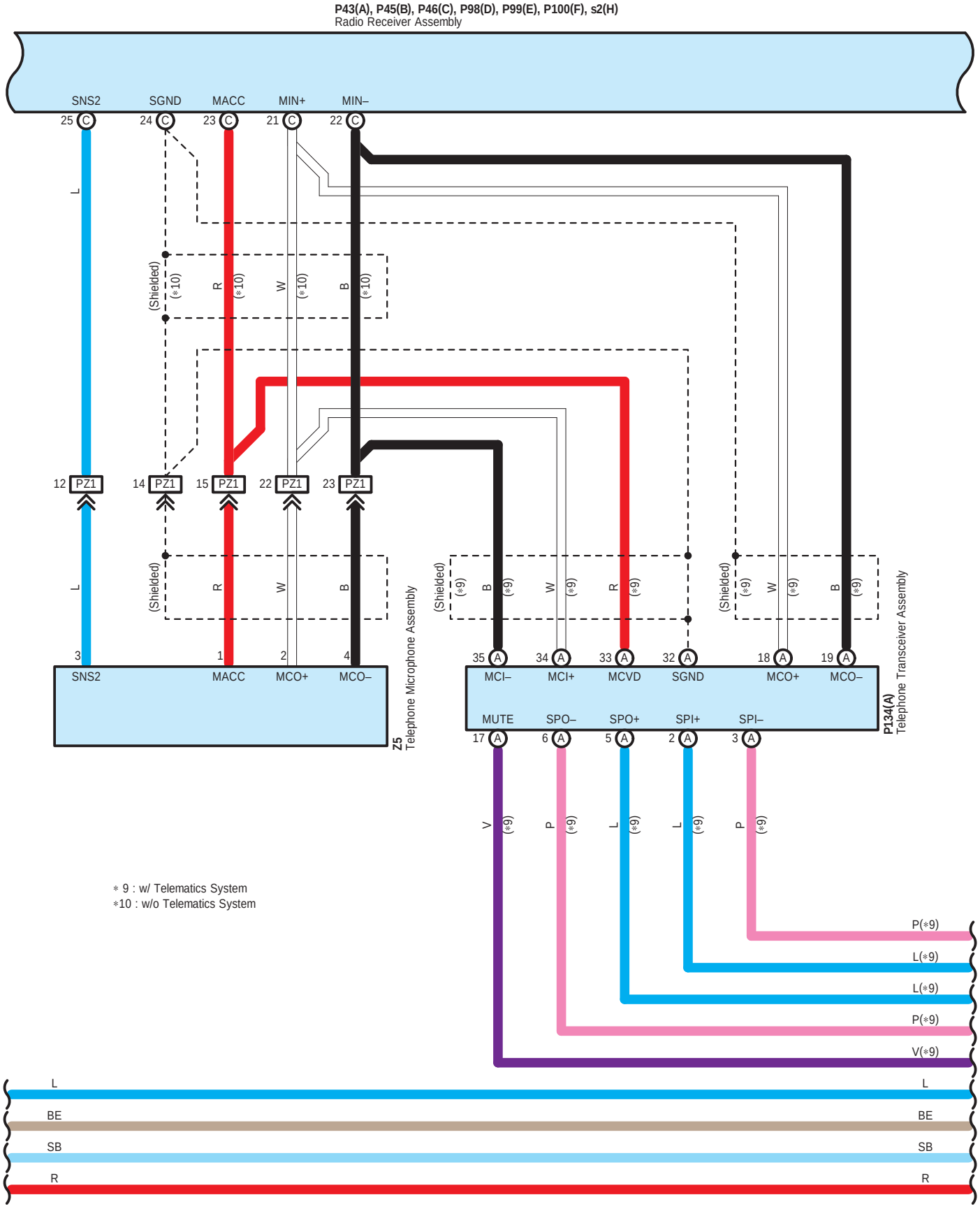
: There is no wire color information.

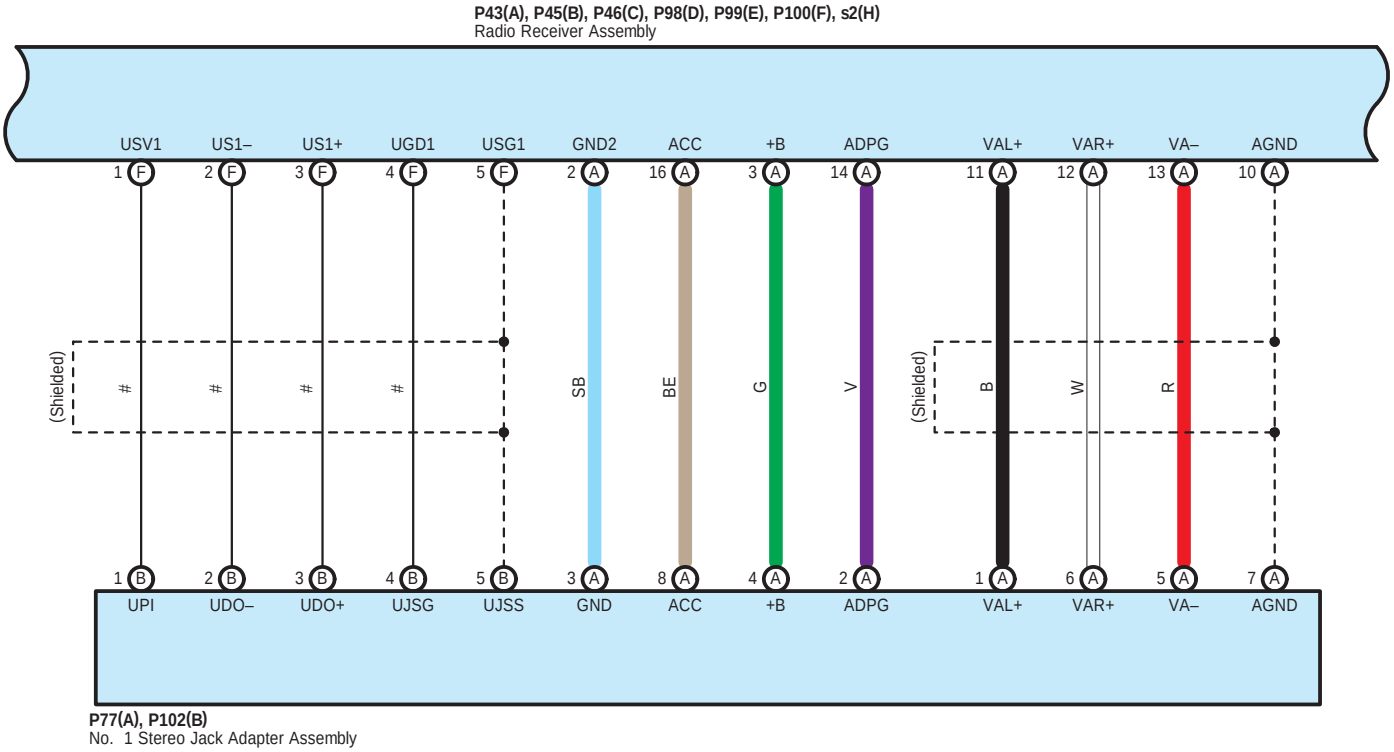

P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
GND1
1 A
W–B
P42(A), P101(B)
Multi–Display
CA+
V+
V–
CGND
CSLD
REV
GND1
10 A
8 A
9 A
21 A
20 A
3 A
13 A
(Shielded)
B
R
W
G
LA–R
W–B
15 PX5
16 PX5
34 PX5
33 PX5
17 PX5
36 PX5
5 dX1
6 dX1
7 dX1
15 dX1
16 dX1
8
4
3
7
CB+
CV+
CV–
CGND
CANH
CANL
d1
Television Camera
Assembly
6
2
GR
L
9 dX1
18 dX1
3
14
X110
No. 15 CAN
Junction Connector
1
12
LA–R
L
BE
PE


P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
(IG)
10A
LUG–IG1
NO. 1
(BAT)
80A
P/I
NO. 3
X99(A), b11(B)
No. 3 Semiconductor Power Integration ECU
+B
IG
L
GND1
GND2
+S
CXPI
bX1
LA–B
LA–R
LA
L
V
B
BE
SB
R
XJ
XI


P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
SWG
SW1
SW2
24 A
21 A
22 A
BR
L
P
BR
4 A
12 A
5 A
EAU
AU1
AU2
P19(A), z2(C)
Spiral Cable with Sensor Sub–Assembly
10 C
3 C
9 C
GR–B
LG
BR
GR
Voice
Volume–
Telephone
Volume+
Seek+
MODE
Seek–
R–W
O
Steering Pad Switch LH
Steering Pad Switch RH
z2(C)
Steering Pad Switch Assembly

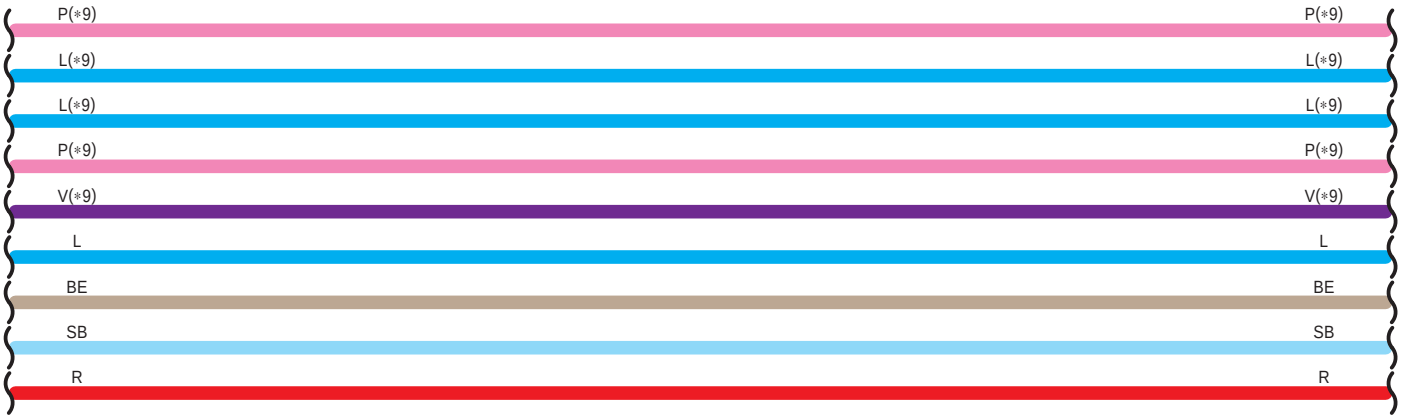

L
L
BE
BE
SB
SB
R
R

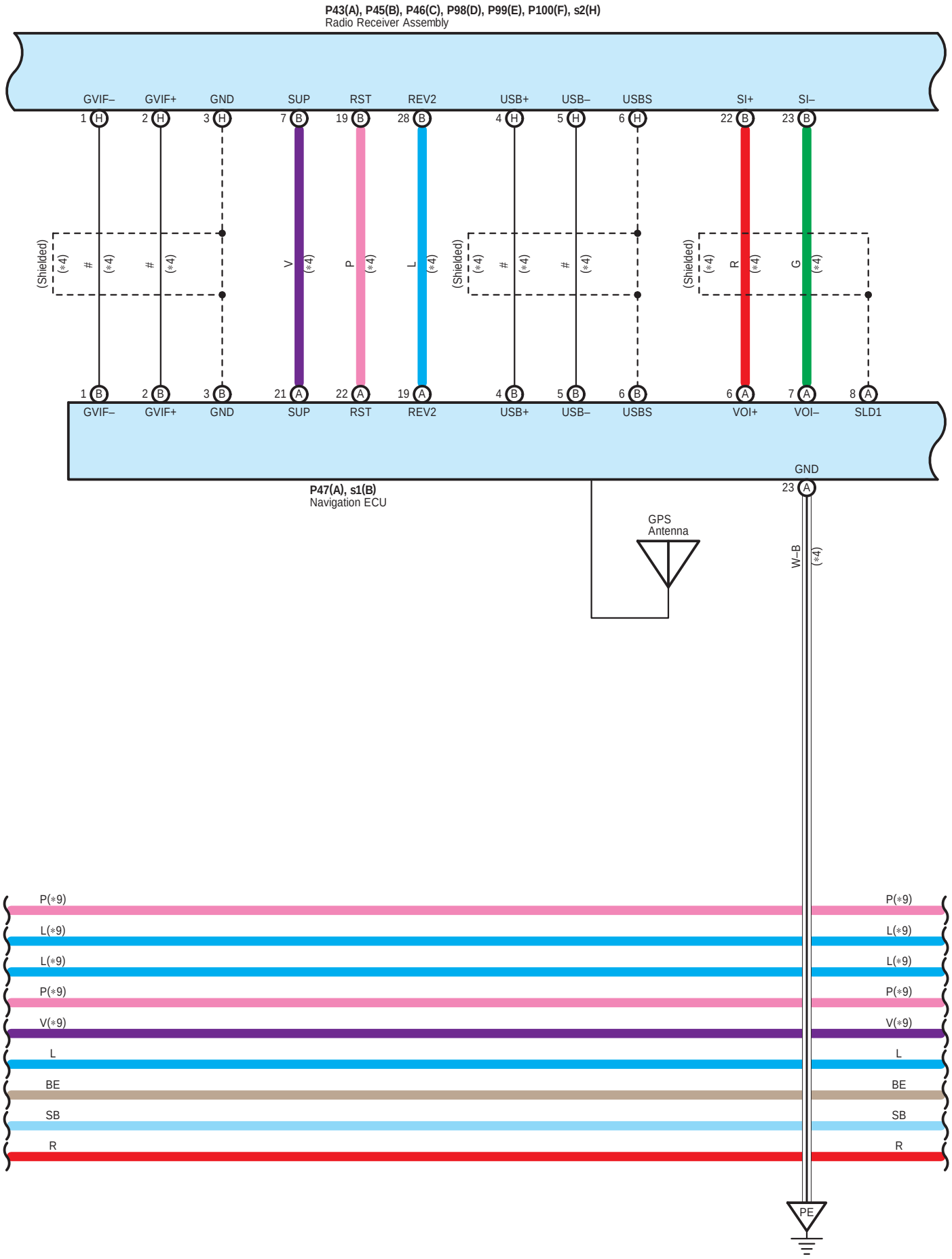

P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
SNS2
SGND
MACC
MIN+
MIN–
25 C
24 C
23 C
21 C
22 C
L
(Shielded)
(*10)
R
W
B
12 PZ1
14 PZ1
15 PZ1
22 PZ1
23 PZ1
3
1
2
4
SNS2
MACC
MCO+
MCO–
Z5
Telephone Microphone Assembly
(*9)
35 A
34 A
33 A
32 A
18 A
19 A
MCI–
MCI+
MCVD
SGND
MCO+
MCO–
MUTE
SPO–
SPO+
SPI+
SPI–
17 A
6 A
5 A
2 A
3 A
P134(A)
Telephone Transceiver Assembly
V
P
L
P(*9)
L(*9)
L(*9)
P(*9)
V(*9)
* 9 : w/ Telematics System
*10 : w/o Telematics System
L
BE
SB
R

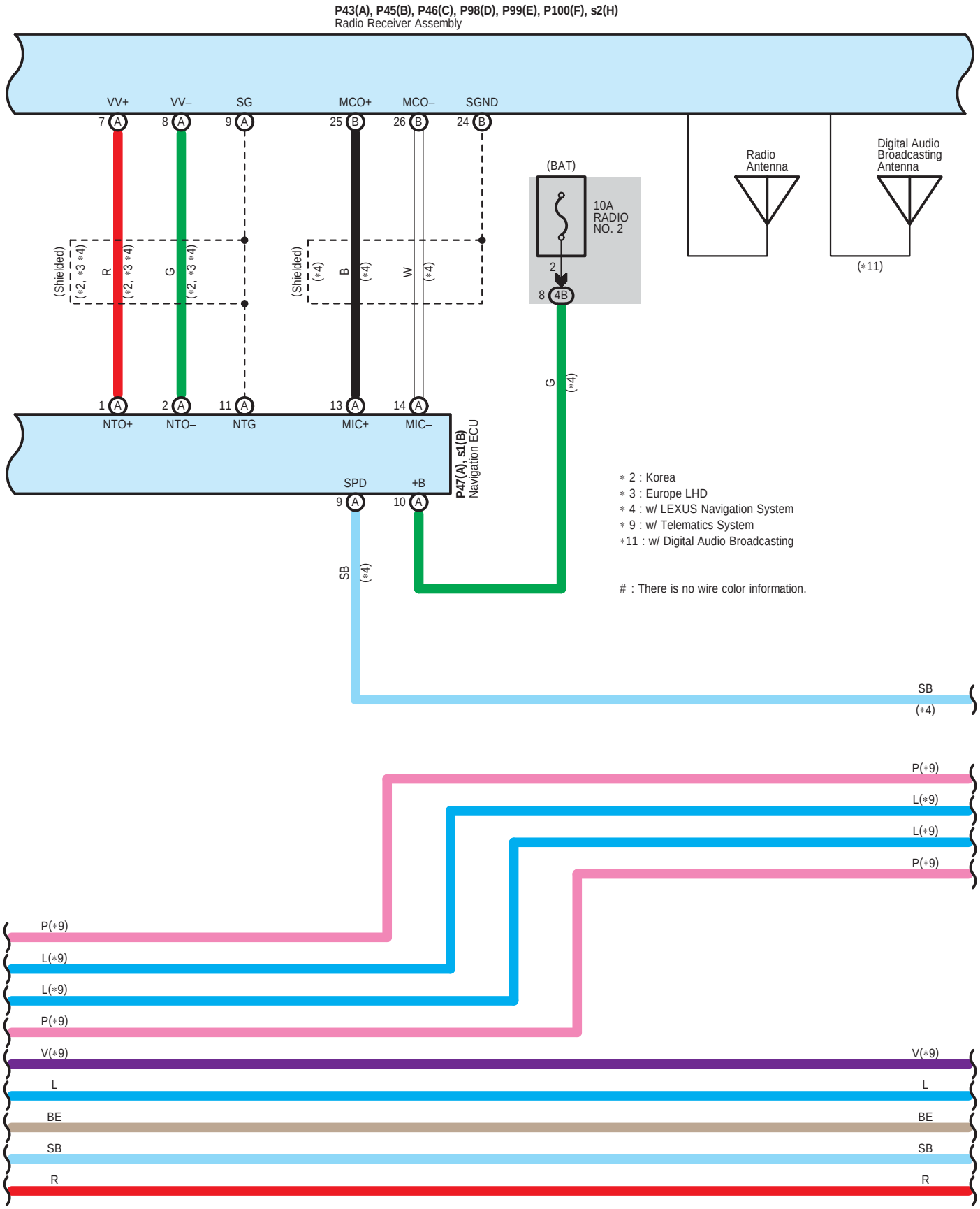


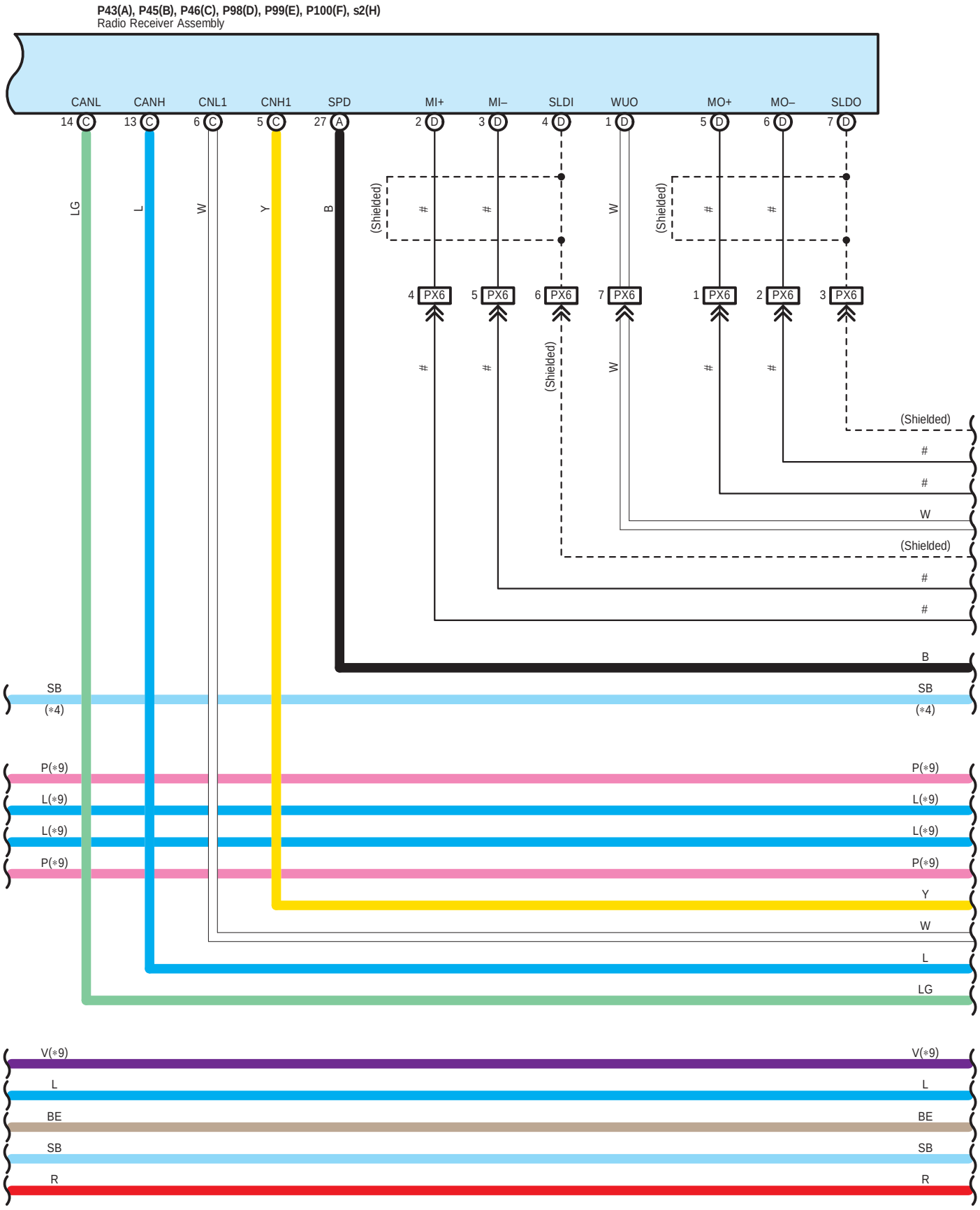
∗ 4 : w/ LEXUS Navigation System
∗ 9 : w/ Telematics System

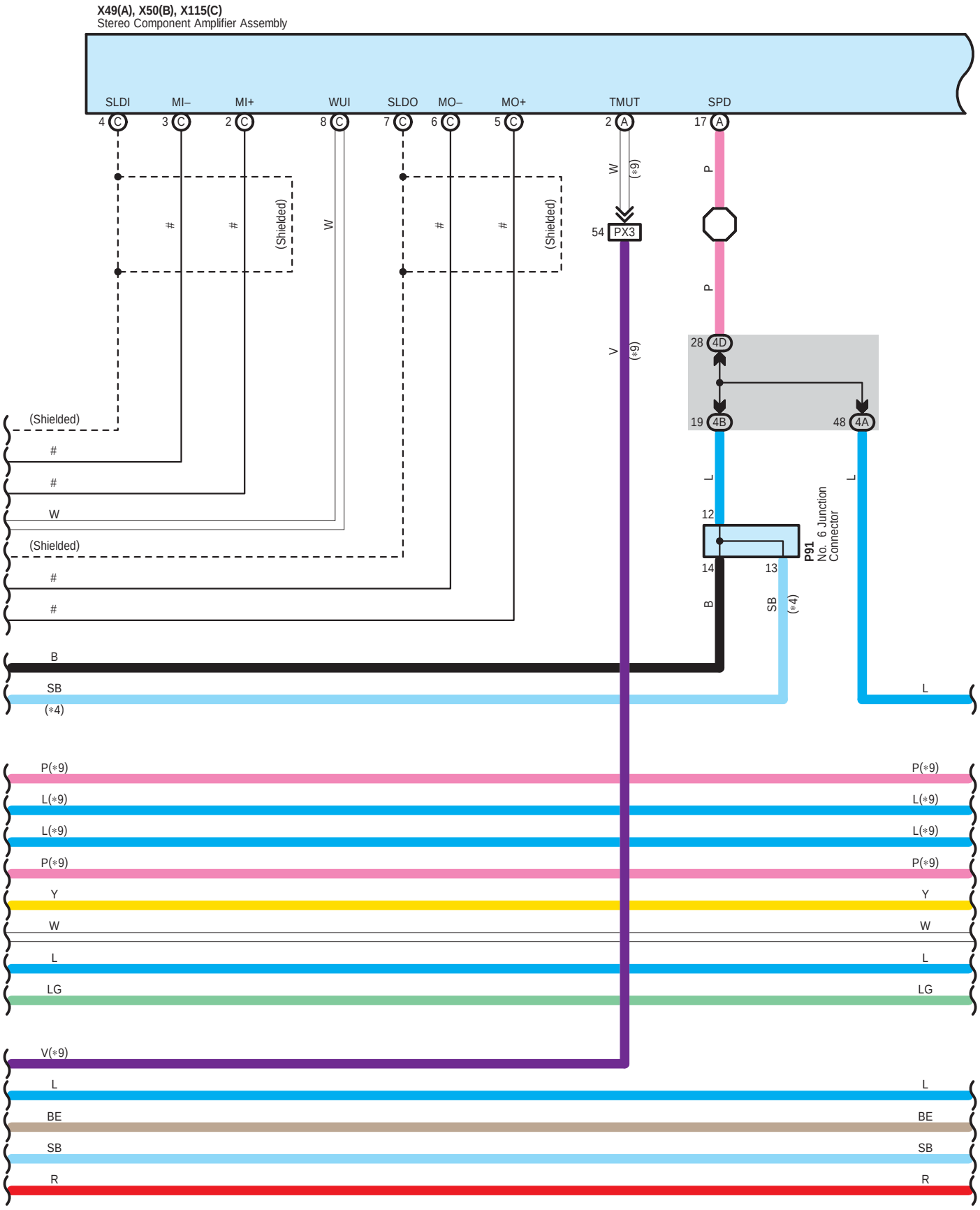
: There is no wire color information.

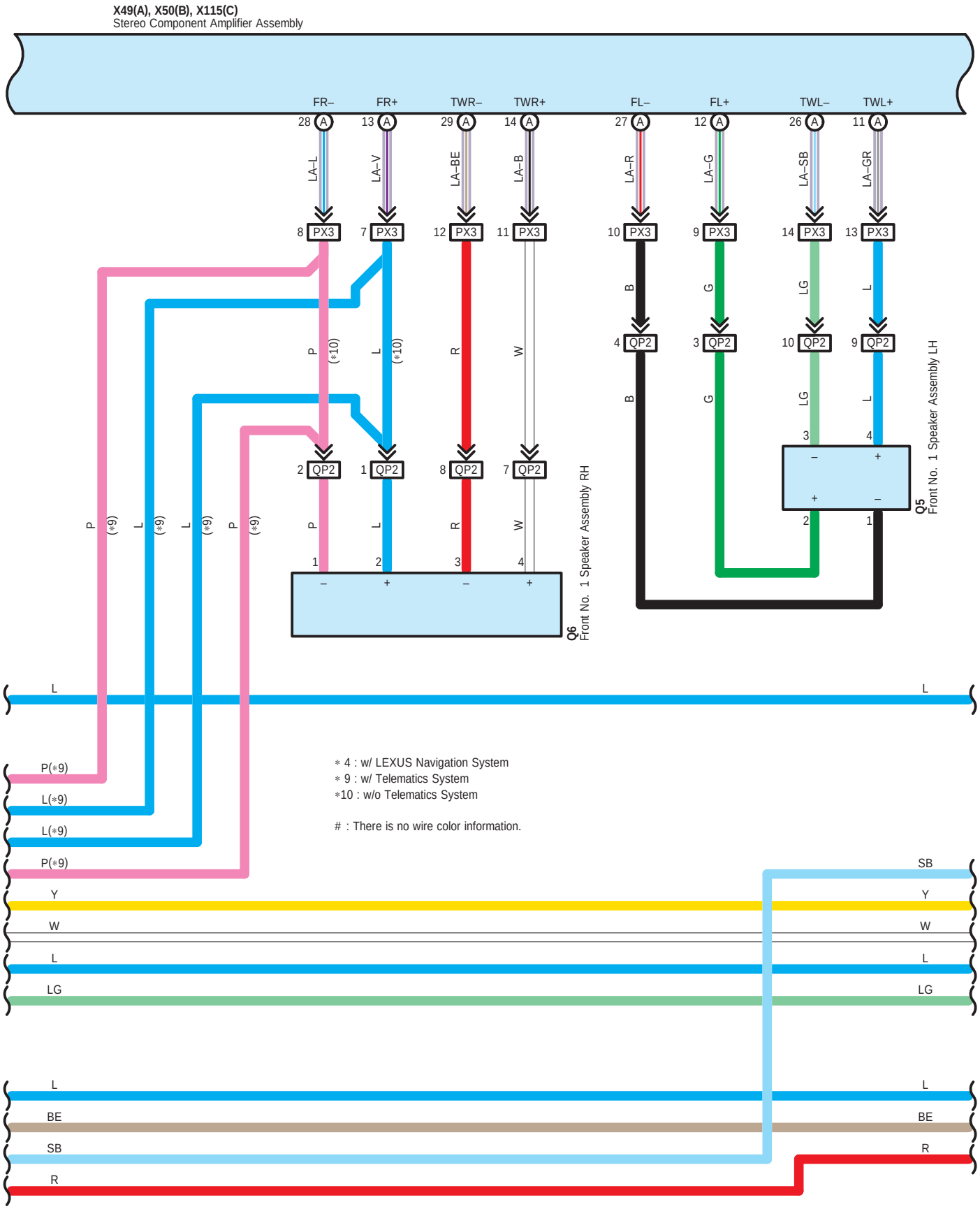


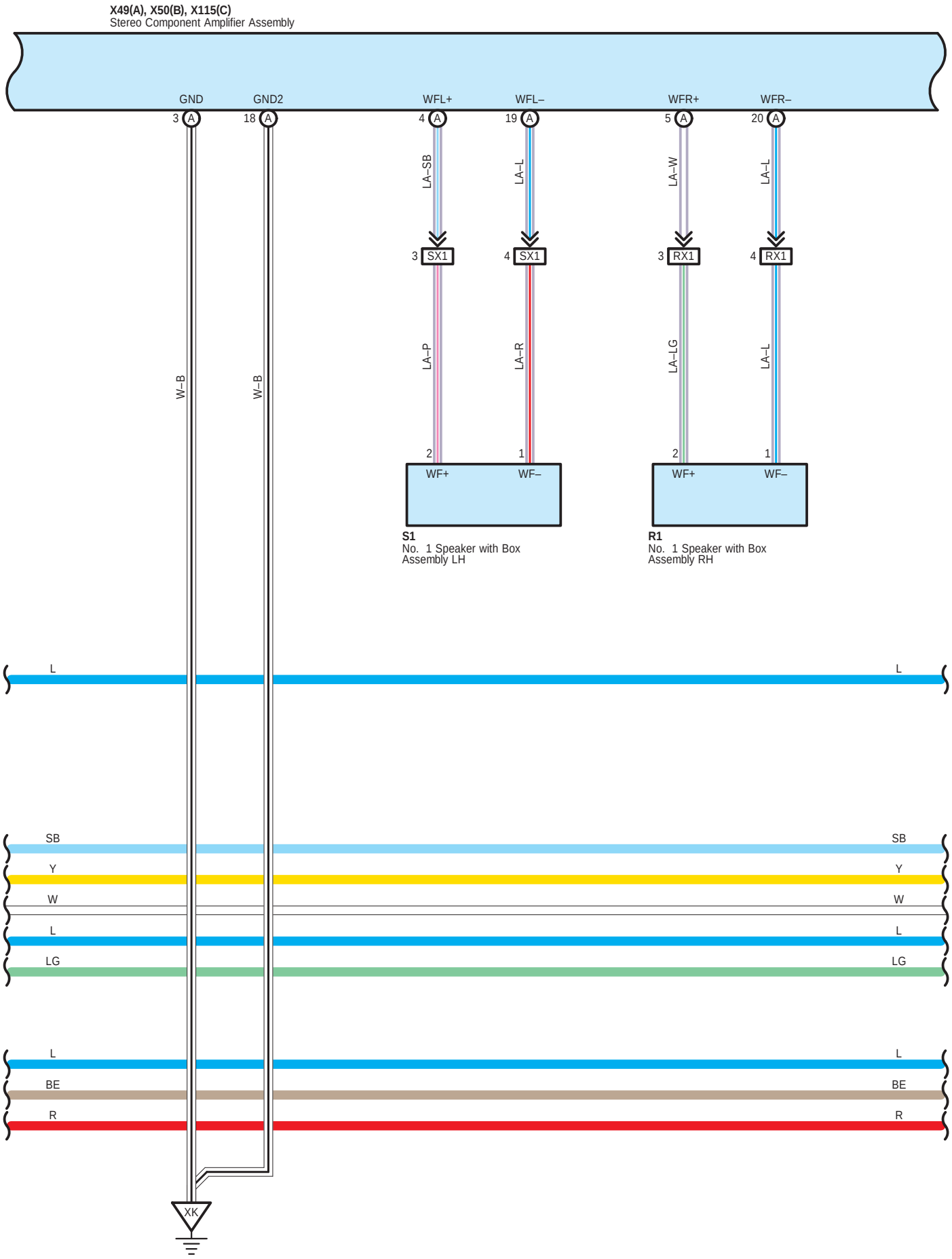

P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
GVIF–
GVIF+
GND
SUP
RST
REV2
USB+
USB–
USBS
SI+
SI–
1 H
2 H
3 H
7 B
19 B
28 B
4 H
5 H
6 H
22 B
23 B
(Shielded)
(*4)
#
V
P
L
R
G
1 B
2 B
3 B
21 A
22 A
19 A
4 B
5 B
6 B
6 A
7 A
8 A
VOI+
VOI–
SLD1
P47(A), s1(B)
Navigation ECU
GND
23 A
GPS
Antenna
W–B
P(*9)
L(*9)
V(*9)
L
BE
SB
R
PE

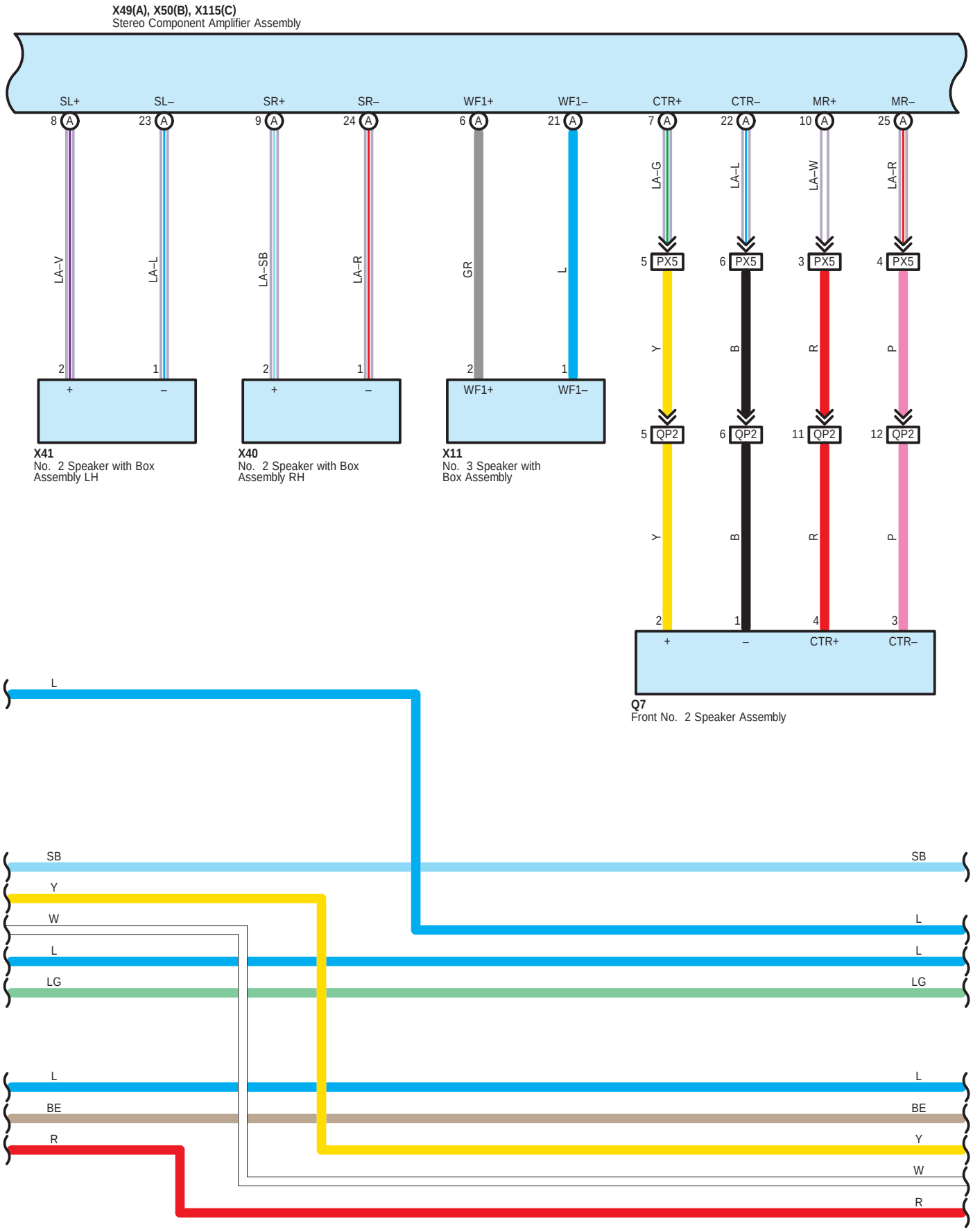

P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
VV+
VV–
SG
MCO+
MCO–
SGND
7 A
8 A
9 A
25 B
26 B
24 B
(Shielded)
(∗2, ∗3 ∗4)
R
(∗2, ∗3 ∗4)
G
(∗2, ∗3 ∗4)
(Shielded)
(∗4)
B
(∗4)
W
(∗4)
(BAT)
10A
RADIO
NO. 2
2
8 4B
G
(∗4)
Radio
Antenna
Digital Audio
Broadcasting
Antenna
(∗11)
1 A
2 A
11 A
13 A
14 A
NTO+
NTO–
NTG
MIC+
MIC–
P47(A), s1(B)
Navigation ECU
SPD
+B
9 A
10 A
SB
(∗4)
∗ 2 : Korea
∗ 3 : Europe LHD
∗ 4 : w/ LEXUS Navigation System
∗ 9 : w/ Telematics System
∗11 : w/ Digital Audio Broadcasting
: There is no wire color information.
SB
(∗4)
P(∗9)
L(∗9)
L(∗9)
P(∗9)
P(∗9)
L(∗9)
L(∗9)
P(∗9)
V(∗9)
V(∗9)
L
L
BE
BE
SB
SB
R
R

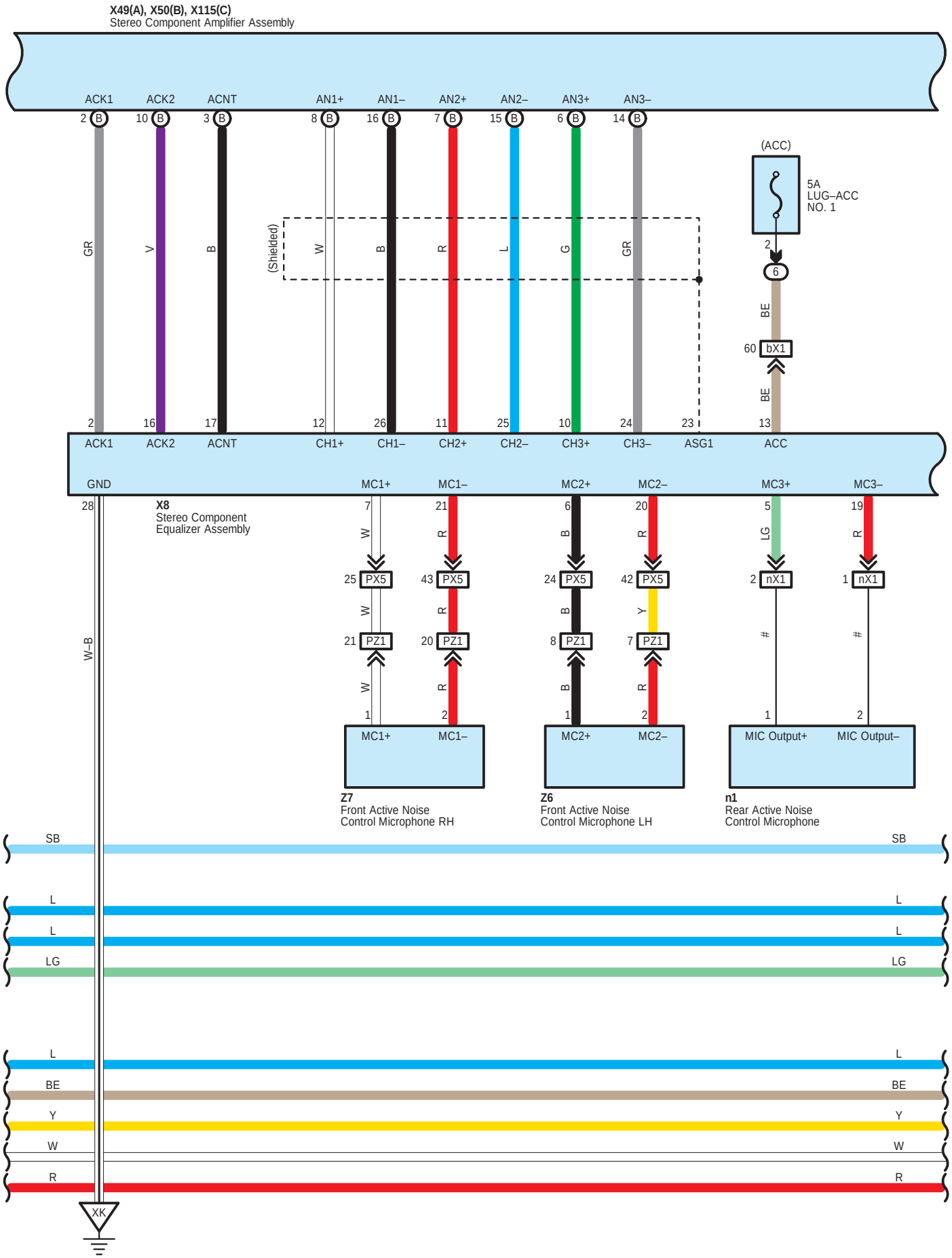

P43(A), P45(B), P46(C), P98(D), P99(E), P100(F), s2(H)
Radio Receiver Assembly
CANL
CANH
CNL1
CNH1
SPD
MI+
MI–
SLDI
WUO
MO+
MO–
SLDO
14 C
13 C
6 C
5 C
27 A
2 D
3 D
4 D
1 D
5 D
6 D
7 D
LG
L
W
Y
B
(Shielded)
#
W
4 PX6
5 PX6
6 PX6
7 PX6
1 PX6
2 PX6
3 PX6
SB
(*4)
P(*9)
L(*9)
V(*9)
BE
R

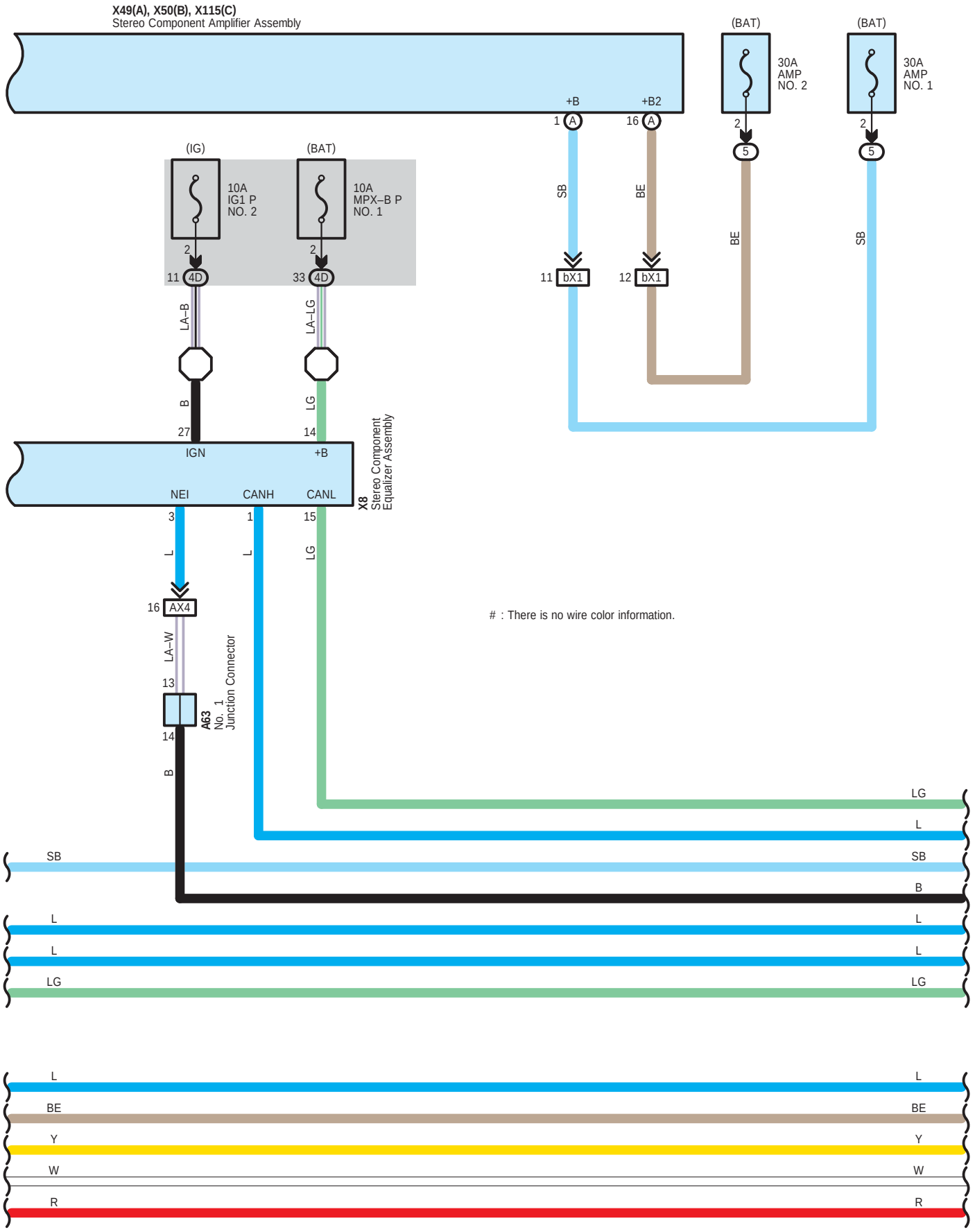

X49(A), X50(B), X115(C)
Stereo Component Amplifier Assembly
SLDI
MI–
MI+
WUI
SLDO
MO–
MO+
TMUT
SPD
4 C
3 C
2 C
8 C
7 C
6 C
5 C
2 A
17 A
W
(*9)
P
#
(Shielded)
54 PX3
28 4D
19 4B
48 4A
L
12
14
13
B
SB
(*4)
P91
No. 6 Junction Connector
V
(*9)
P(*9)
L(*9)
Y
W
LG
V(*9)
BE
R

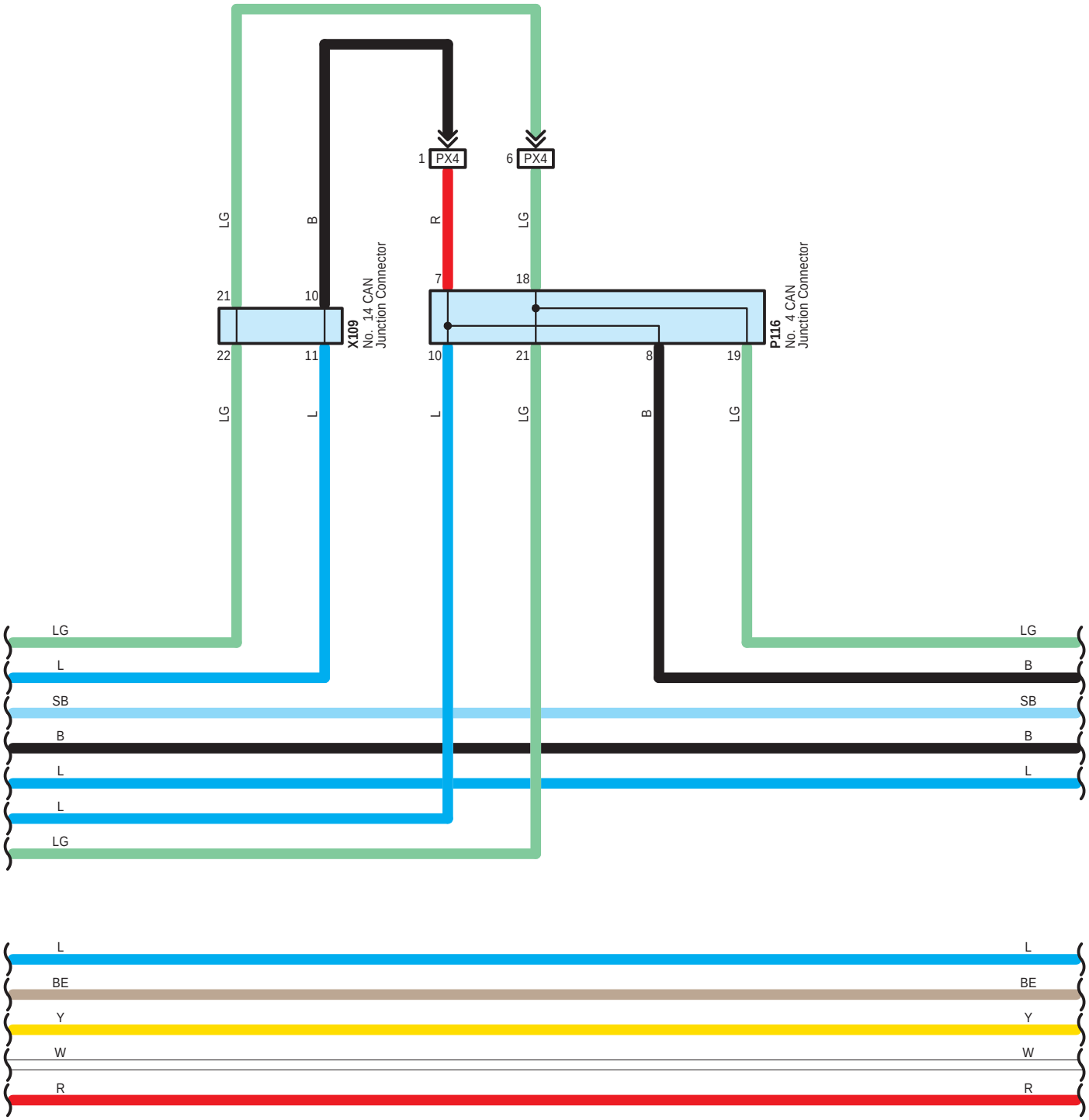

X49(A), X50(B), X115(C)
Stereo Component Amplifier Assembly
FR–
FR+
TWR–
TWR+
FL–
FL+
TWL–
TWL+
28 A
13 A
29 A
14 A
27 A
12 A
26 A
11 A
LA–L
LA–V
LA–BE
LA–B
LA–R
LA–G
LA–SB
LA–GR
8 PX3
7 PX3
12 PX3
11 PX3
10 PX3
9 PX3
14 PX3
13 PX3
B
G
LG
L
4 QP2
3 QP2
10 QP2
9 QP2
P
(*10)
L
(*10)
R
W
B
G
LG
L
2 QP2
1 QP2
8 QP2
7 QP2
P
L
R
W
1
2
3
4
Q6
Front No. 1 Speaker Assembly RH
Q5
Front No. 1 Speaker Assembly LH
P
(*9)
L
(*9)
L
(*9)
P
(*9)
L
L
P(*9)
L(*9)
L(*9)
P(*9)
Y
W
L
LG
L
BE
SB
R
SB
Y
W
L
LG
L
BE
R
* 4 : w/ LEXUS Navigation System
* 9 : w/ Telematics System
*10 : w/o Telematics System
: There is no wire color information.

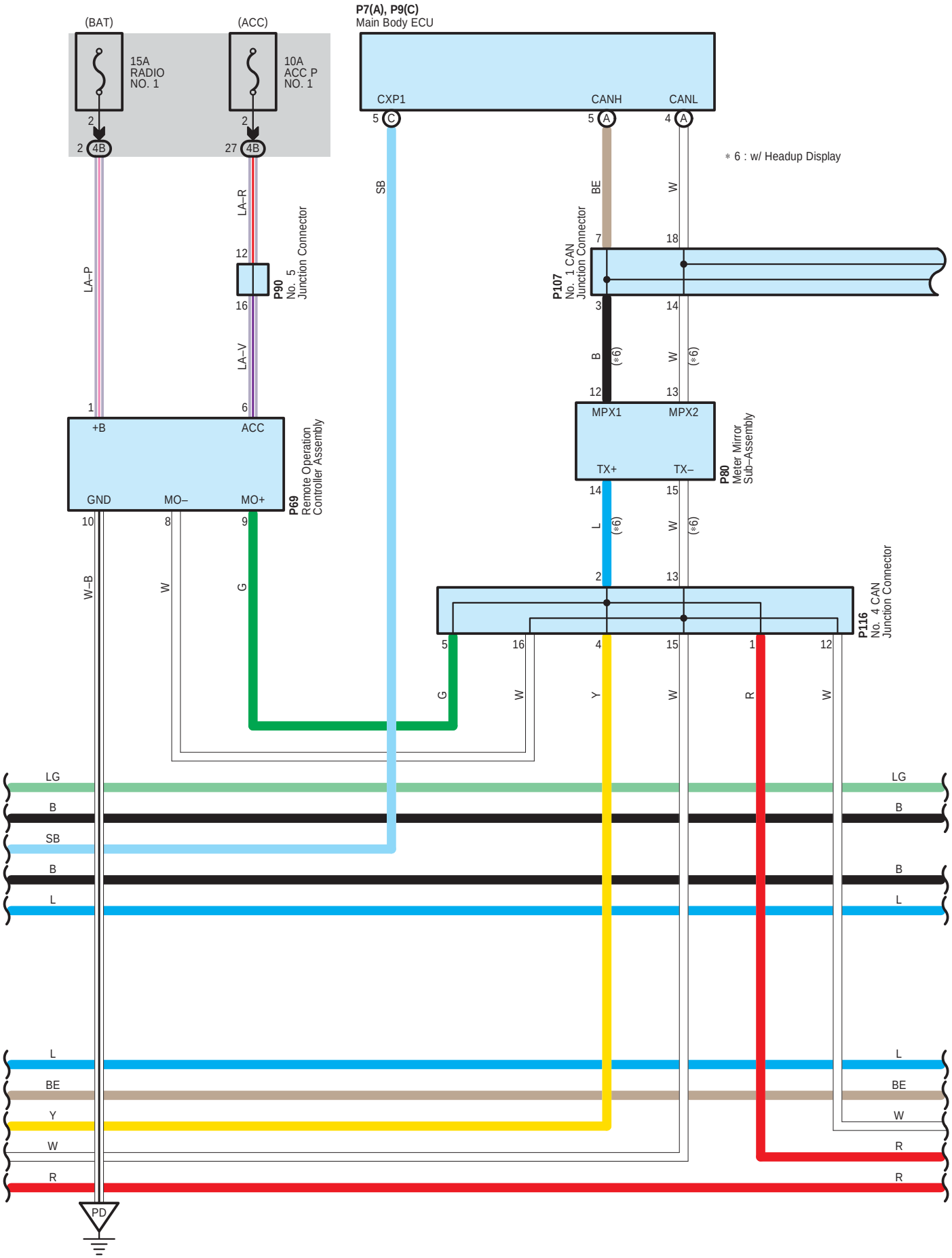

X49(A), X50(B), X115(C)
Stereo Component Amplifier Assembly
GND
GND2
WFL+
WFL–
WFR+
WFR–
3 A
18 A
4 A
19 A
5 A
20 A
LA–SB
LA–L
LA–W
LA–L
3 SX1
4 SX1
3 RX1
4 RX1
LA–P
LA–R
LA–LG
LA–L
2
1
2
1
WF+
WF–
WF+
WF–
S1
No. 1 Speaker with Box Assembly LH
R1
No. 1 Speaker with Box Assembly RH
W–B
W–B
L
L
SB
SB
Y
Y
W
W
L
L
LG
LG
L
L
BE
BE
R
R
XK

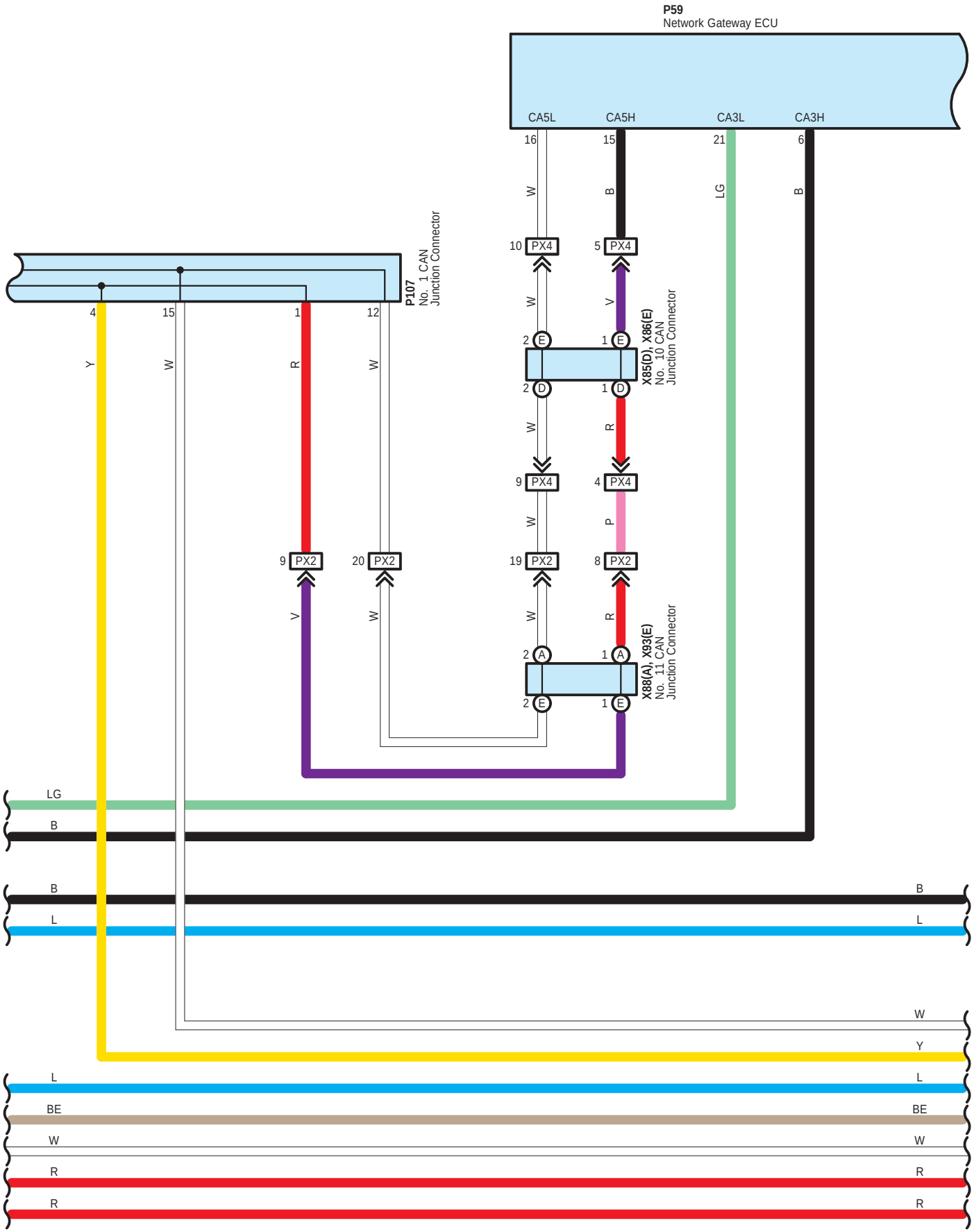

X49(A), X50(B), X115(C)
Stereo Component Amplifier Assembly
SL+
SL–
SR+
SR–
WF1+
WF1–
CTR+
CTR–
MR+
MR–
8 A
23 A
9 A
24 A
6 A
21 A
7 A
22 A
10 A
25 A
LA–V
LA–L
LA–SB
LA–R
GR
L
LA–G
LA–L
LA–W
LA–R
5 PX5
6 PX5
3 PX5
4 PX5
Y
B
R
P
5 QP2
6 QP2
11 QP2
12 QP2
Y
B
R
P
2
1
2
1
2
1
2
1
4
3
+
–
WF1+
WF1–
+
–
CTR+
CTR–
X41
No. 2 Speaker with Box Assembly LH
X40
No. 2 Speaker with Box Assembly RH
X11
No. 3 Speaker with Box Assembly
Q7
Front No. 2 Speaker Assembly
L
SB
SB
Y
W
L
L
L
LG
LG
L
L
BE
BE
R
Y
W
R

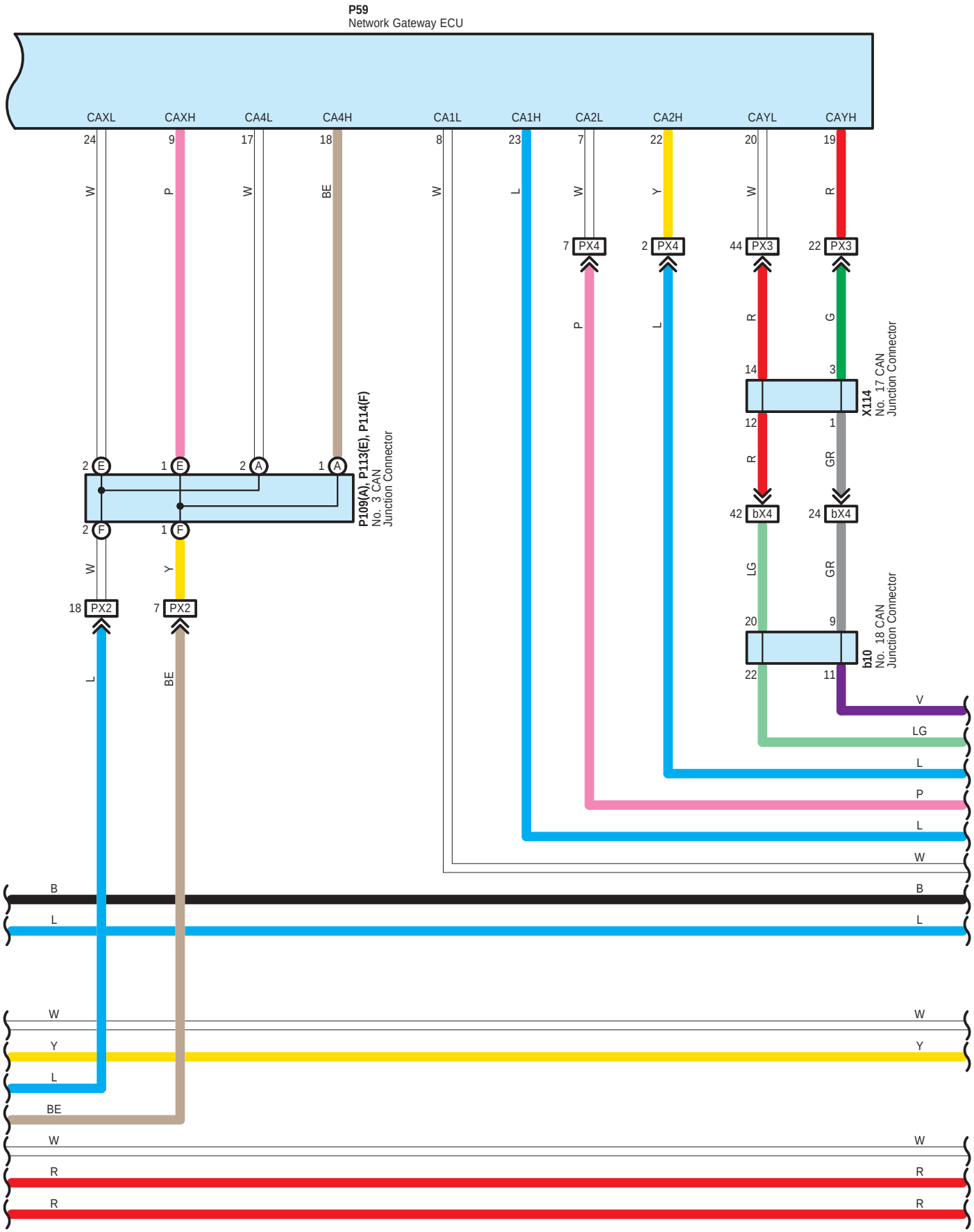

X49(A), X50(B), X115(C)
Stereo Component Amplifier Assembly
ACK1
ACK2
ACNT
AN1+
AN1–
AN2+
AN2–
AN3+
AN3–
(ACC)
5A
LUG–ACC
NO. 1
(Shielded)
GND
X8
Stereo Component
Equalizer Assembly
MC1+
MC1–
MC2+
MC2–
MC3+
MC3–
PX5
PZ1
nX1
bX1
Z7
Front Active Noise
Control Microphone RH
Z6
Front Active Noise
Control Microphone LH
n1
Rear Active Noise
Control Microphone
MIC Output+
MIC Output–
CH1+
CH1–
CH2+
CH2–
CH3+
CH3–
ASG1
ACC
W–B
XK

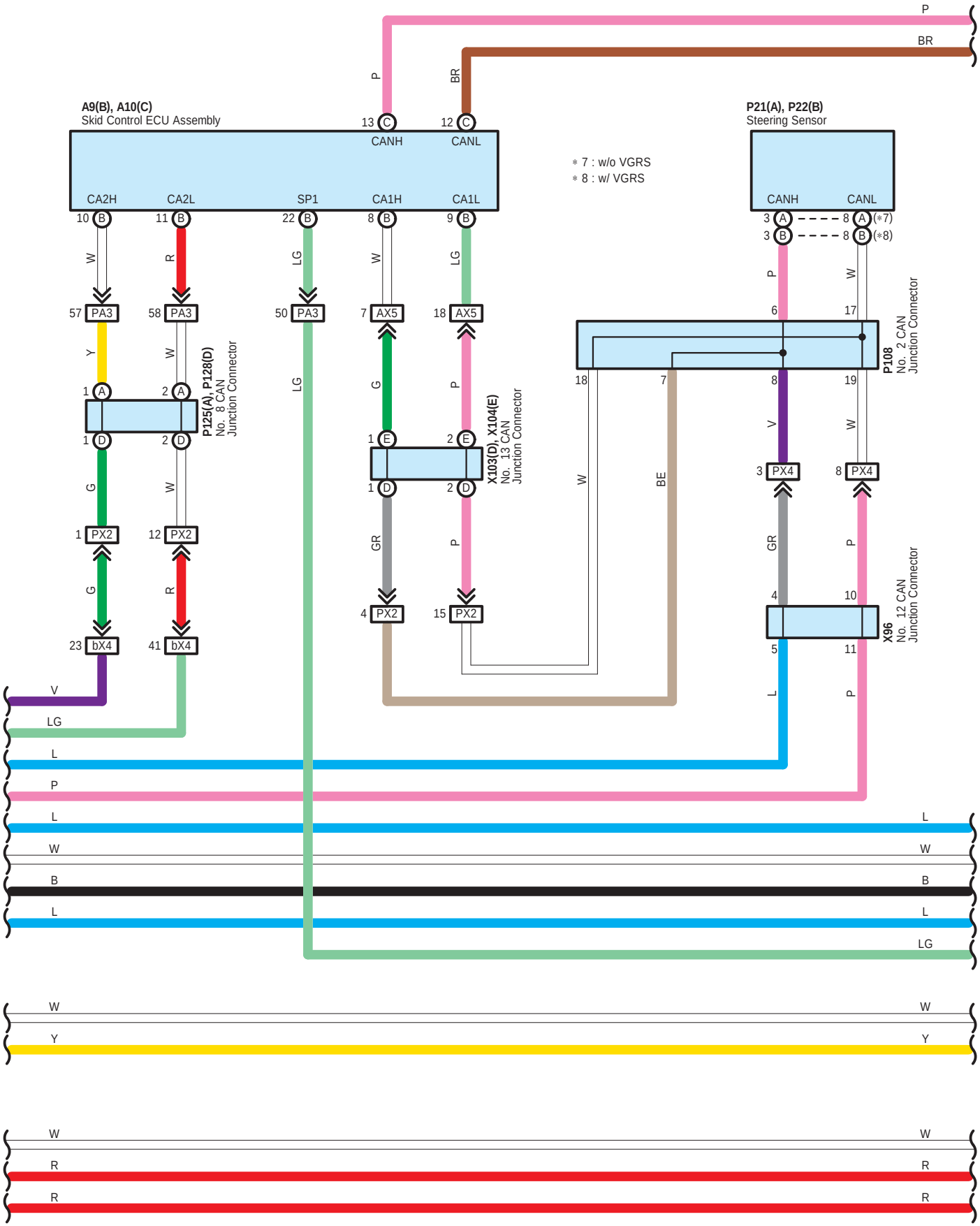

X49(A), X50(B), X115(C)
Stereo Component Amplifier Assembly
+B
+B2
1 A
16 A
(BAT)
30A
AMP
NO. 2
(BAT)
30A
AMP
NO. 1
2
5
(IG)
10A
IG1 P
NO. 2
(BAT)
10A
MPX–B P
NO. 1
11 4D
33 4D
SB
BE
11 bX1
12 bX1
LA–B
LA–LG
B
LG
27
14
IGN
+B
NEI
CANH
CANL
X8
Stereo Component
Equalizer Assembly
3
1
15
L
LG
16 AX4
LA–W
13
14
A63
No. 1
Junction Connector
: There is no wire color information.
LG
L
SB
B
BE
Y
W
R

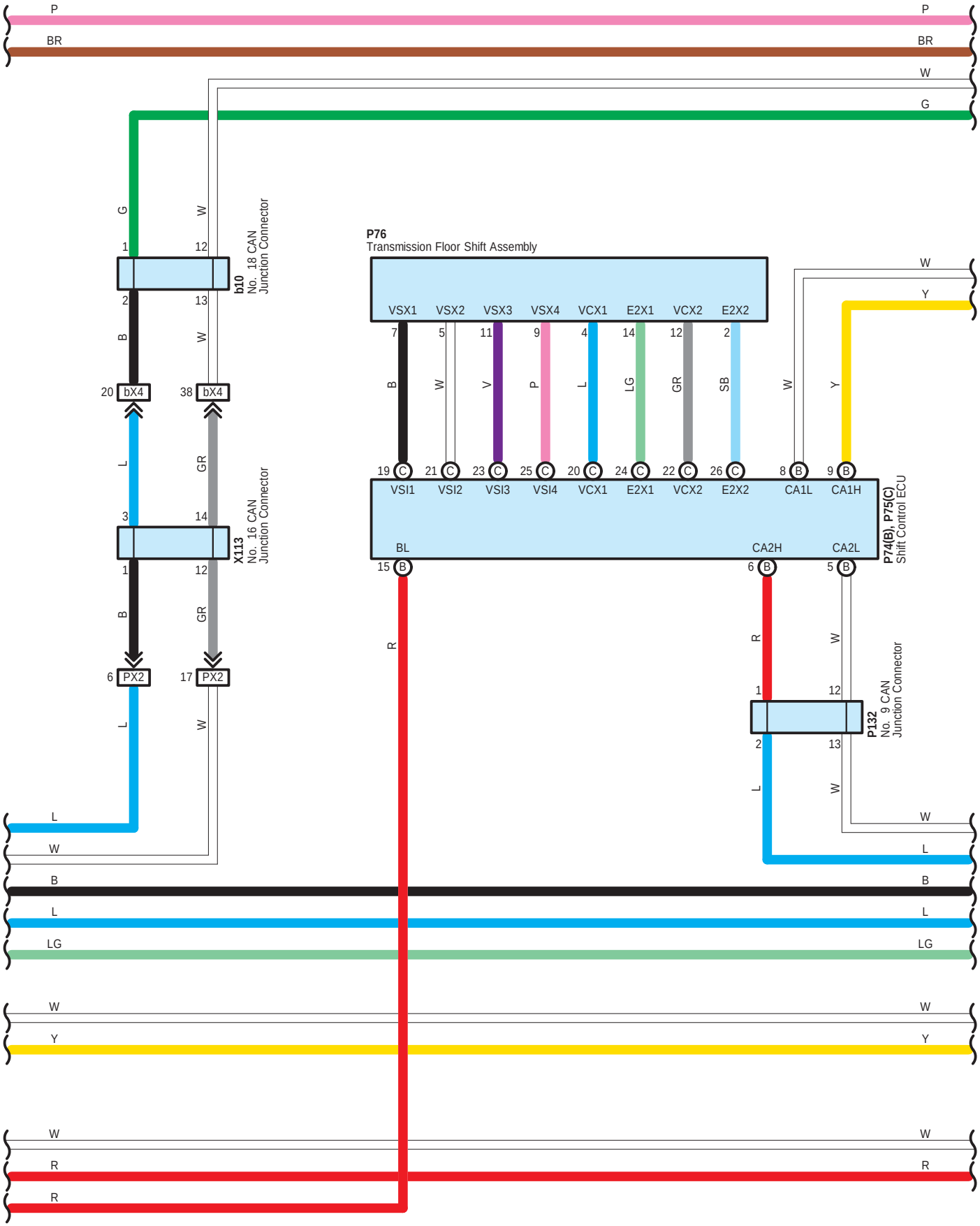

1 PX4
6 PX4
LG
B
R
LG
21
10
7
18
X109
No. 14 CAN
Junction Connector
P116
No. 4 CAN
Junction Connector
22
11
10
21
8
19
LG
L
L
LG
B
LG
LG
L
SB
B
L
L
LG
LG
B
SB
B
L
L
BE
Y
W
R
BE
Y
W
R

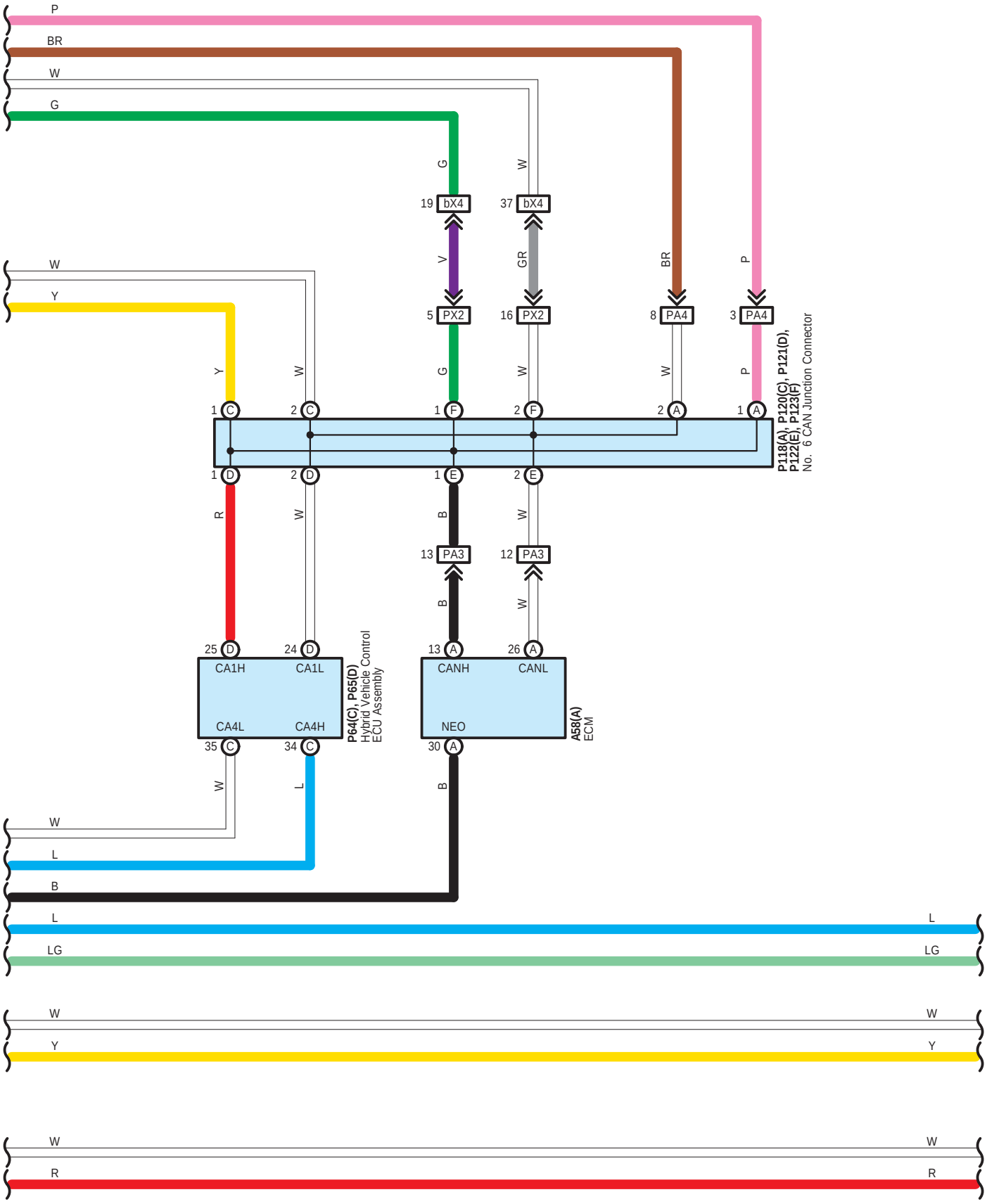

(BAT)
(ACC)
15A
RADIO
NO. 1
10A
ACC P
NO. 1
2
2
2
4B
27
4B
P7(A), P9(C)
Main Body ECU
CXP1
CANH
CANL
5
C
5
A
4
A
∗ 6 : w/ Headup Display
SB
BE
W
LA–R
LA–P
LA–V
12
16
P90
No. 5
Junction Connector
7
18
P107
No. 1 CAN
Junction Connector
3
14
B
W
(∗6)
(∗6)
12
13
1
6
+B
ACC
MPX1
MPX2
TX+
TX–
P80
Meter Mirror
Sub–Assembly
GND
MO–
MO+
P69
Remote Operation
Controller Assembly
10
8
9
14
15
L
W
(∗6)
(∗6)
W–B
W
G
2
13
P116
No. 4 CAN
Junction Connector
5
16
4
15
1
12
G
W
Y
W
R
W
LG
B
SB
B
L
LG
B
B
L
L
BE
Y
W
R
L
BE
W
R
R
PD

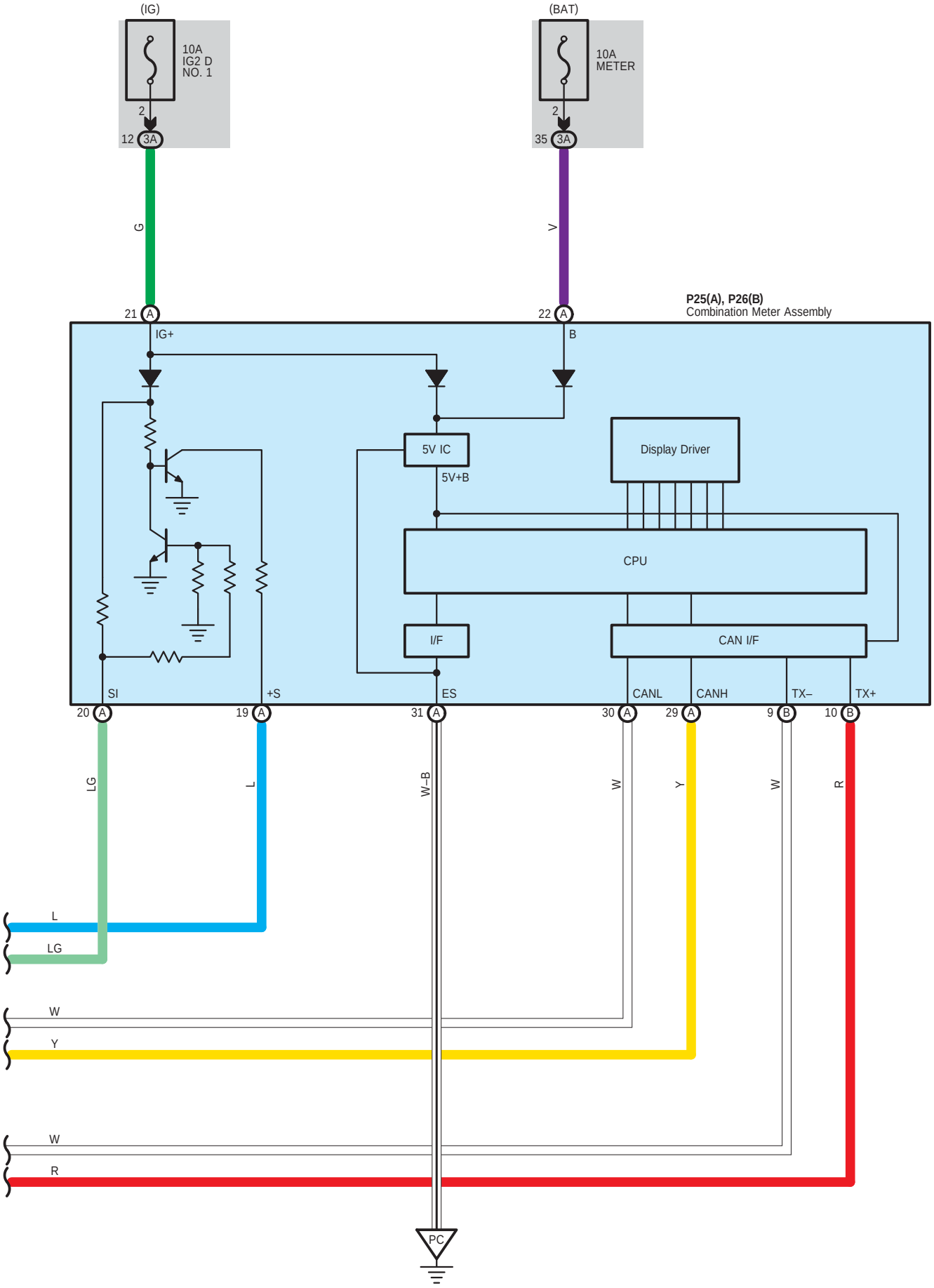

P59
Network Gateway ECU
CA5L
CA5H
CA3L
CA3H
16
15
21
6
W
B
LG
B
10 PX4
5 PX4
W
V
2 E
1 E
2 D
1 D
X85(D), X86(E)
No. 10 CAN
Junction Connector
W
R
9 PX4
4 PX4
W
P
9 PX2
20 PX2
19 PX2
8 PX2
V
W
W
R
2 A
1 A
2 E
1 E
X88(A), X93(E)
No. 11 CAN
Junction Connector
P107
No. 1 CAN
Junction Connector
4
15
1
12
Y
W
R
W
LG
B
B
L
W
Y
L
BE
W
R
R
B
L
BE
W
R
R


P59
Network Gateway ECU
CAXL
CAXH
CA4L
CA4H
CA1L
CA1H
CA2L
CA2H
CAYL
CAYH
24
9
17
18
8
23
7
22
20
19
W
P
W
BE
W
L
W
Y
W
R
7 PX4
2 PX4
44 PX3
22 PX3
P
L
R
G
14
3
X114
No. 17 CAN
Junction Connector
12
1
R
GR
42 bX4
24 bX4
LG
GR
20
9
b10
No. 18 CAN
Junction Connector
22
11
2 E
1 E
2 A
1 A
2 F
1 F
P109(A), P113(E), P114(F)
No. 3 CAN
Junction Connector
W
Y
18 PX2
7 PX2
L
BE
V
LG
L
P
L
W
B
L
W
Y
L
BE
W
R
R

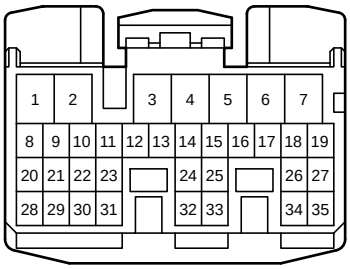

A9(B), A10(C)
Skid Control ECU Assembly
CANH
CANL
CA2H
CA2L
SP1
CA1H
CA1L
P21(A), P22(B)
Steering Sensor
CANH
CANL
* 7 : w/o VGRS
* 8 : w/ VGRS
P125(A), P128(D)
No. 8 CAN
Junction Connector
X103(D), X104(E)
No. 13 CAN
Junction Connector
P108
No. 2 CAN
Junction Connector
X96
No. 12 CAN
Junction Connector
PA3
AX5
PX2
bX4
PX4


P76
Transmission Floor Shift Assembly
VSX1 VSX2 VSX3 VSX4 VCX1 E2X1 VCX2 E2X2
VSI1 VSI2 VSI3 VSI4 VCX1 E2X1 VCX2 E2X2 CA1L CA1H
BL CA2H CA2L
P74(B), P75(C)
Shift Control ECU
b10
No. 18 CAN
Junction Connector
X113
No. 16 CAN
Junction Connector
P132
No. 9 CAN
Junction Connector
bX4
PX2
P
BR
W
G
B
L
LG
Y
R


P
BR
W
G
19 bX4
37 bX4
5 PX2
16 PX2
8 PA4
3 PA4
W
Y
1 C
2 C
1 F
2 F
2 A
1 A
1 D
2 D
1 E
2 E
P118(A), P120(C), P121(D), P122(E), P123(F)
No. 6 CAN Junction Connector
R
B
13 PA3
12 PA3
25 D
24 D
CA1H
CA1L
CA4L
CA4H
35 C
34 C
P64(C), P65(D)
Hybrid Vehicle Control ECU Assembly
13 A
26 A
CANH
CANL
NEO
30 A
A58(A)
ECM
L
LG

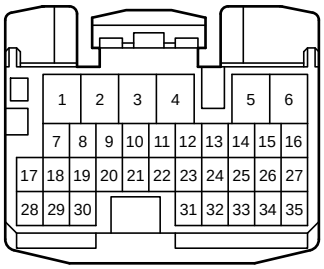

(IG)
10A
IG2 D
NO. 1
2
12 3A
(BAT)
10A
METER
2
35 3A
G
V
21 A
22 A
P25(A), P26(B)
Combination Meter Assembly
IG+
B
5V IC
5V+B
Display Driver
CPU
I/F
CAN I/F
SI
+S
ES
CANL
CANH
TX–
TX+
20 A
19 A
31 A
30 A
29 A
9 B
10 B
LG
L
W–B
W
Y
W
R
L
LG
W
Y
W
R
PC

A9
Black



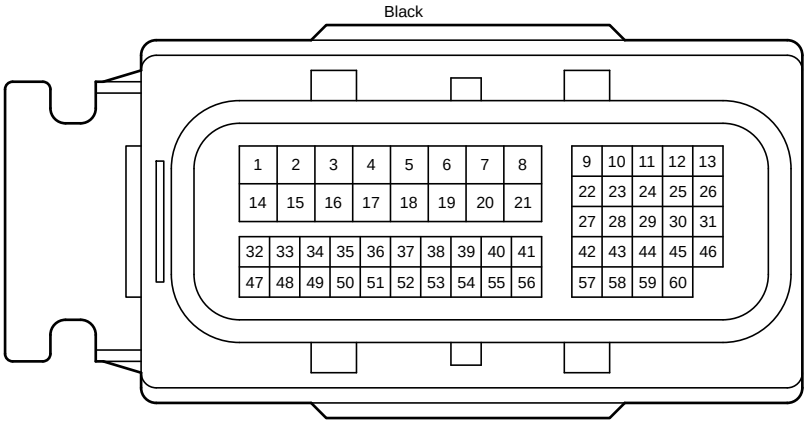
90980-12528

A10
Black



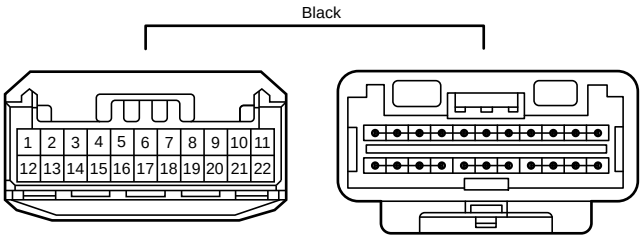
90980-12529

A58
Black



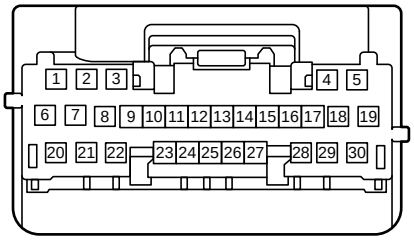
90980-12931

A63
Black



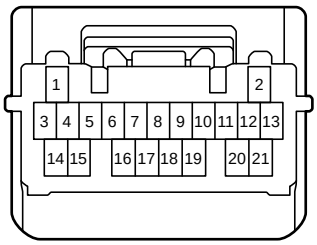
90980-12B54

P7
Black



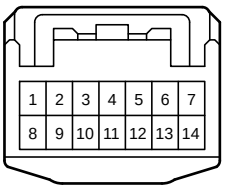
90980-12C62

P9
Black



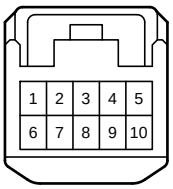
90980-12C61

P19
Black



90980-12370

P21
White



90980-12368

P22
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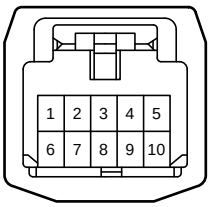
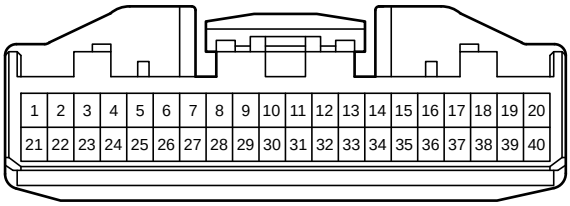


82824-78040

P25
Black



90980-12557

P26
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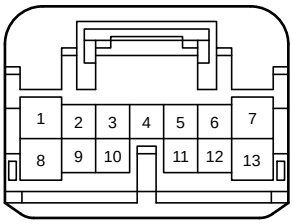

90980-12767

P42
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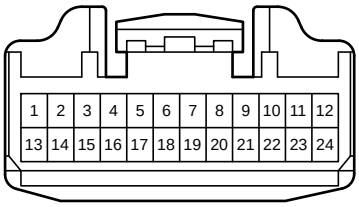

90980-12554

P43
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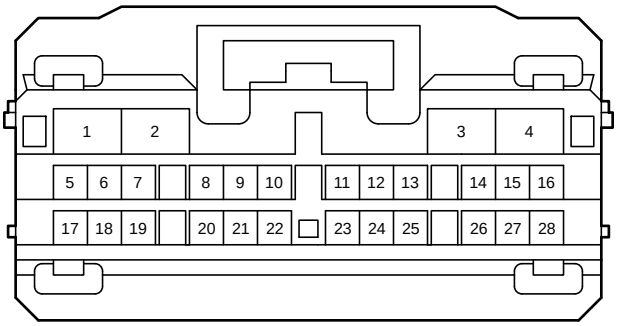

82824-52380

P45
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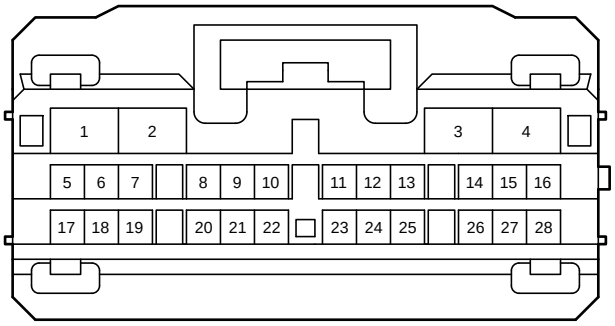

90980-12760

P46
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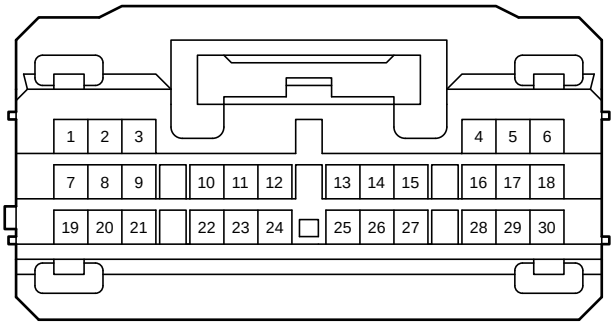

90980-12761

P47
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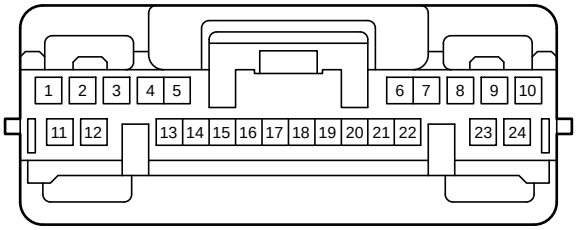
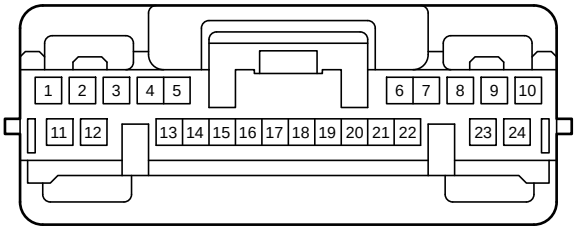


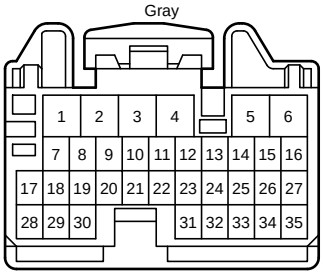
90980-12912

P59
Black



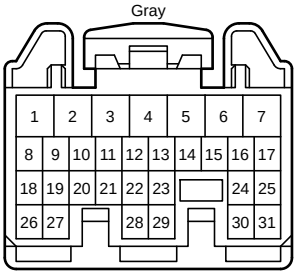
90980-12912

P64
Gray



90980-12429

P65
Gray



90980-12431

P69
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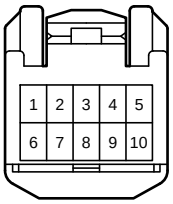

90980-12361

P74
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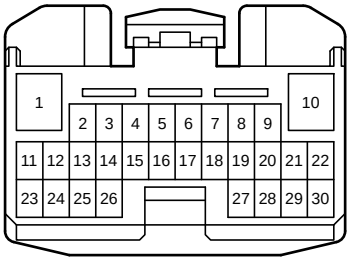

90980-12562

P75
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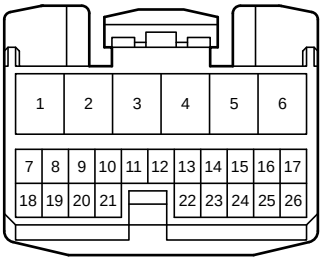

90980-12561

P76
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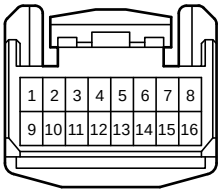

90980-12553

P77
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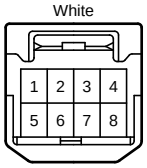
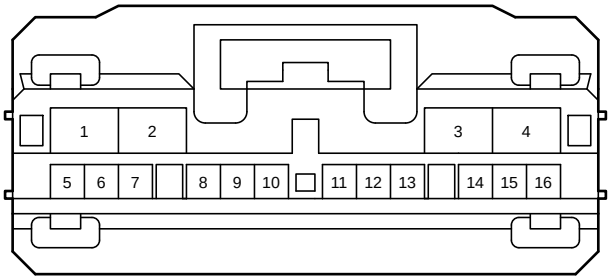


90980-12910

P80
White



90980-12763

P86
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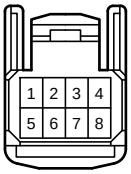
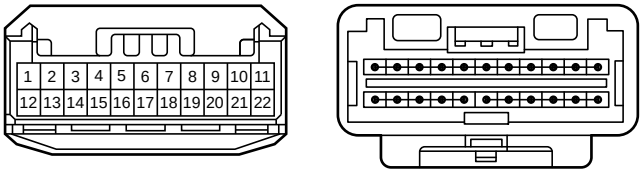


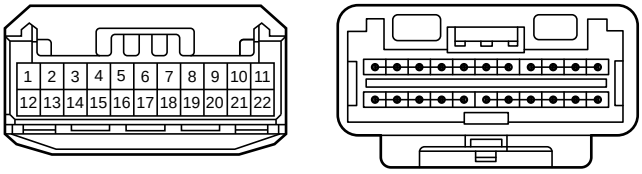
90980-12551

P90
White



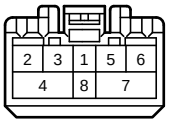
90980-12B54

P91
Blue



90980-12B54

P98
White

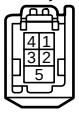


90980-12972

P99
Blue

90980-12C80

P100
Gray

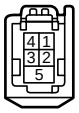


90980-12C94

P101
Blue

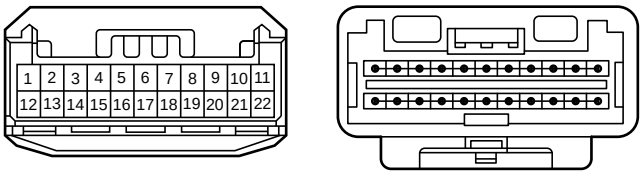
90980-12C80

P102
Brown



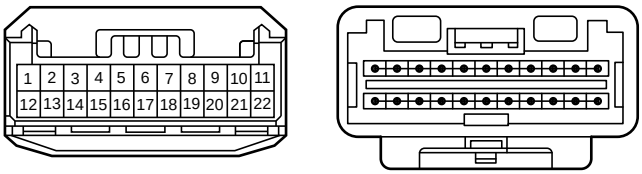
90980-12C98

P107
White



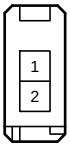
90980-12B54

P108
White



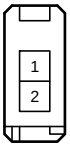
90980-12B54

P109
White



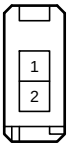
90980-12827

P113
White



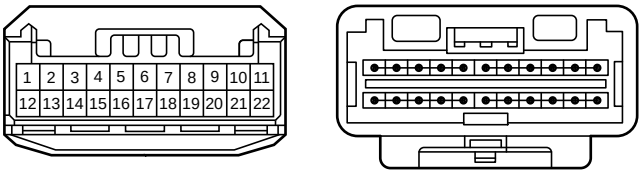
90980-12827

P114
White



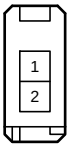
90980-12827

P116
Black



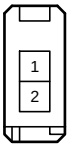
90980-12B54

P118
White



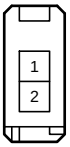
90980-12827

P120
White



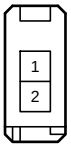
90980-12827

P121
White



90980-12827

P122
White



90980-12827

P123
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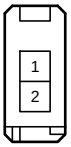

90980-12827

P125
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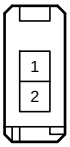

90980-12827

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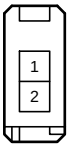

90980-12827

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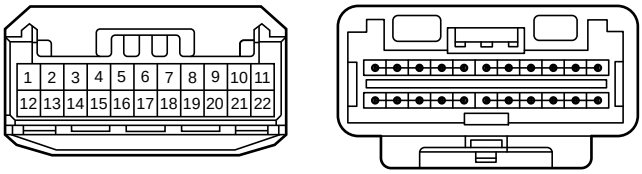

90980-12B54

P134
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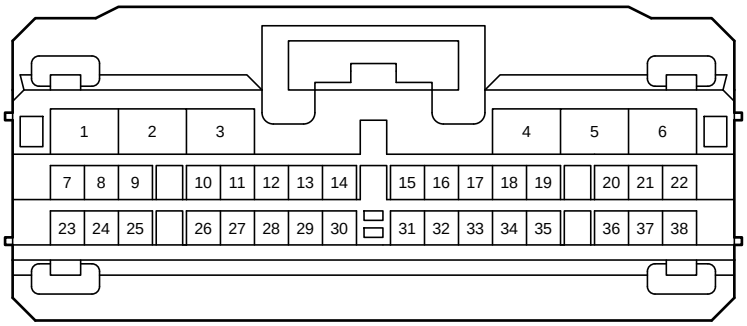

90980-12817

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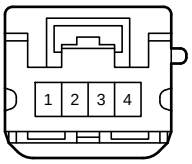

90980-12733

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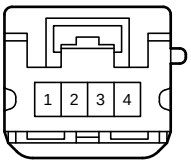

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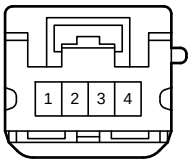

90980-12733

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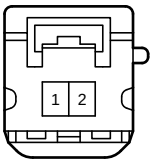

90980-12808

S1
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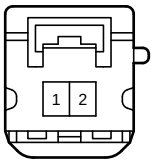

90980-12808

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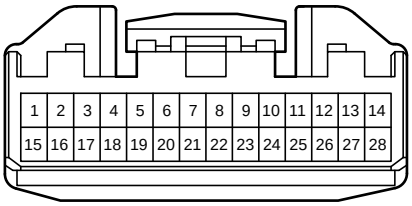

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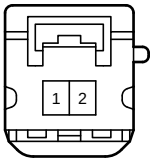

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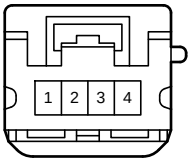

90980-12733

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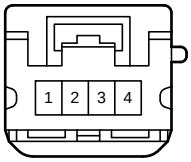

90980-12733

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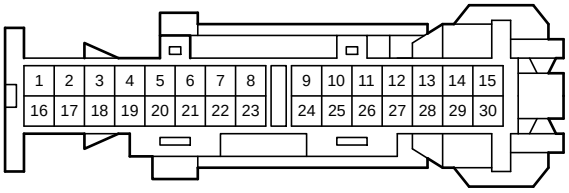

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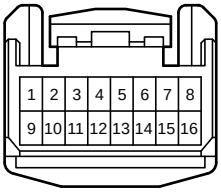

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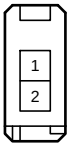

90980-12827

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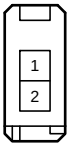

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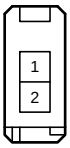

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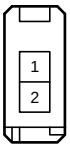

90980-12827

X96
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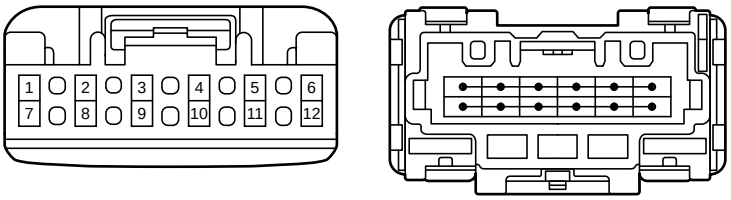

90980-12C68

X99
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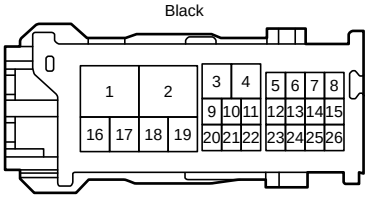

90980-12C41

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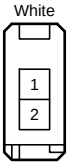

90980-12827

X104
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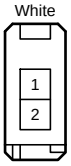

90980-12827

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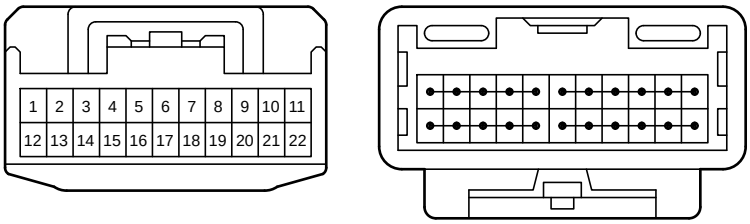

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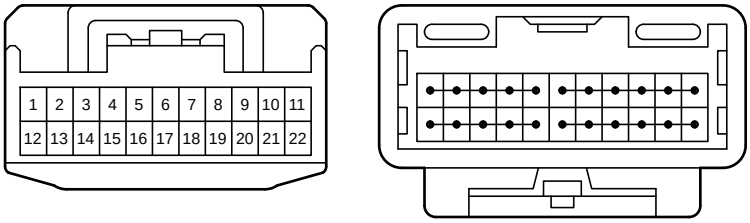

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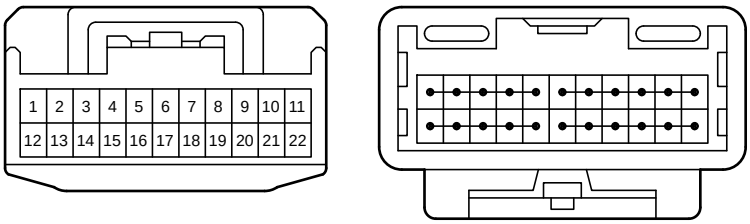

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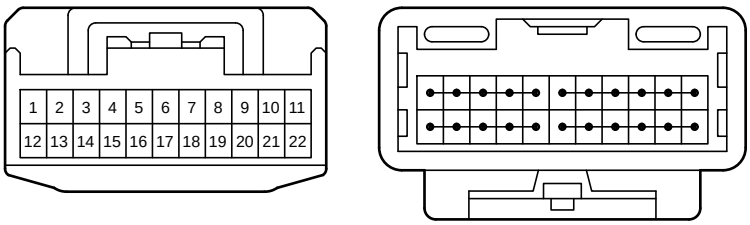

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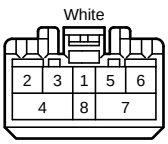

90980-12972

Z5
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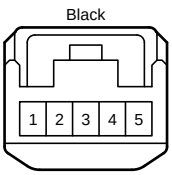

90980-12366

Z6
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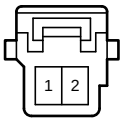

90980-12937

Z7
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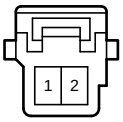

90980-12937

b10
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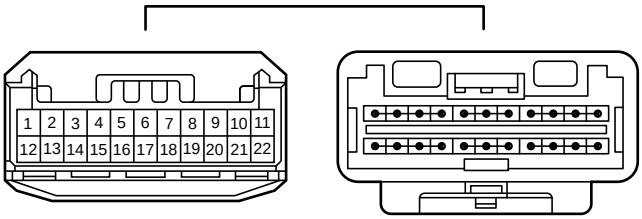

90980-12B54

b11
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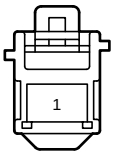

90980-10995

d1
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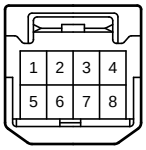

90980-12910

n1
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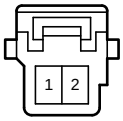
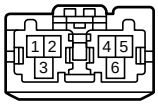


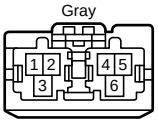
90980-12937

s1
Brown



90980-12C89

s2
Gray



90980-12C91

z2
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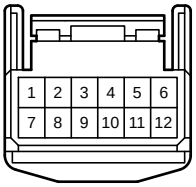
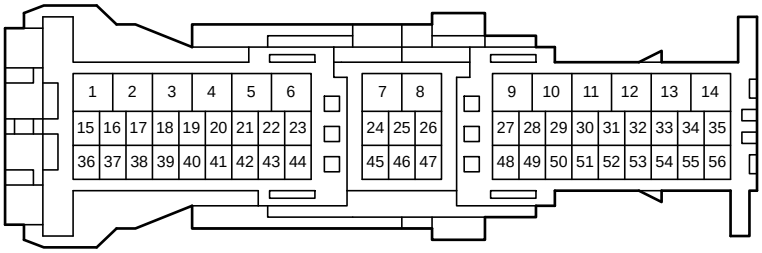


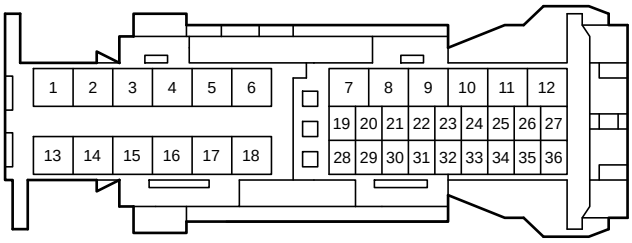
90980-12559

3A
White



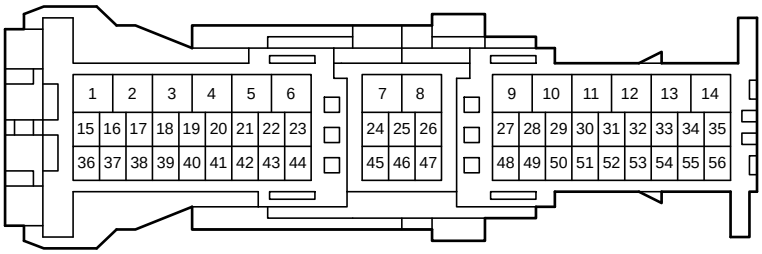
90980-12943

3D
White



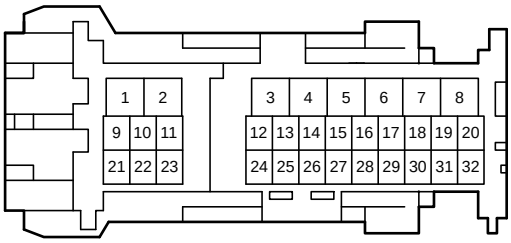
90980-12944

4A
White



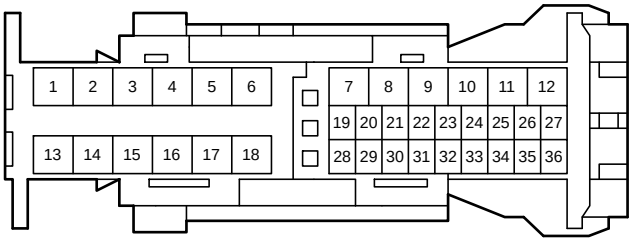
90980-12943

4B
White



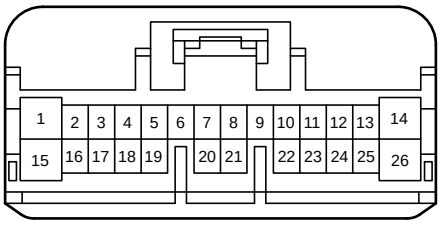
90980-12A48

4D
White

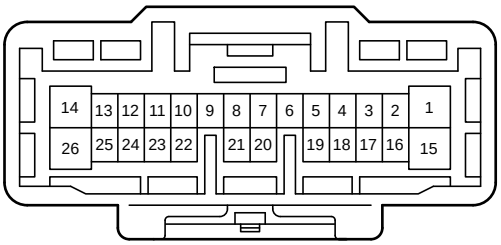


90980-12944

AX4
White

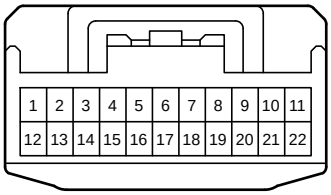


90980-12771

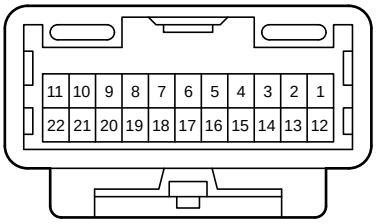


90980-12770

AX5
White



90980-12372



90980-12371

PA3
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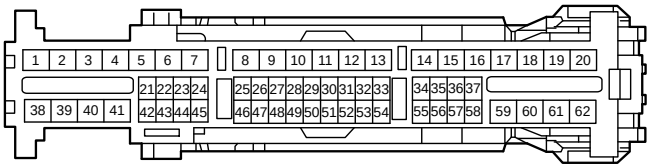
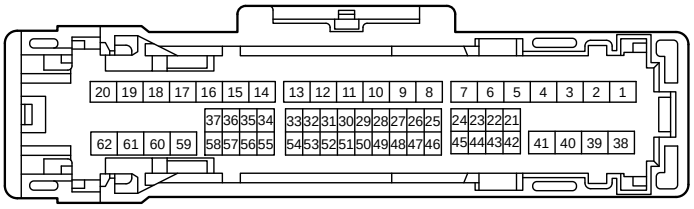


90980-12B22



90980-12B21

PA4
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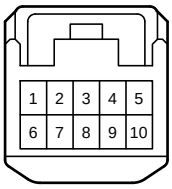
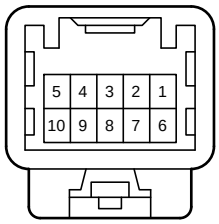


90980-12368



90980-12367

PX2
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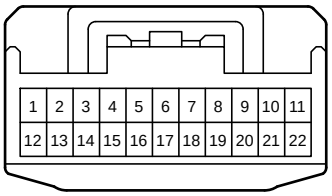

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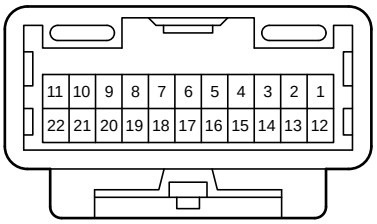

90980-12371

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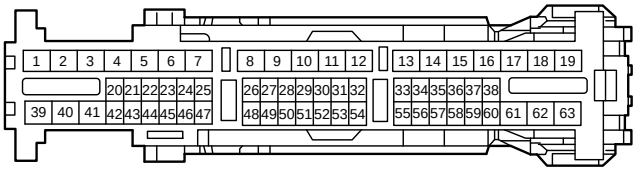

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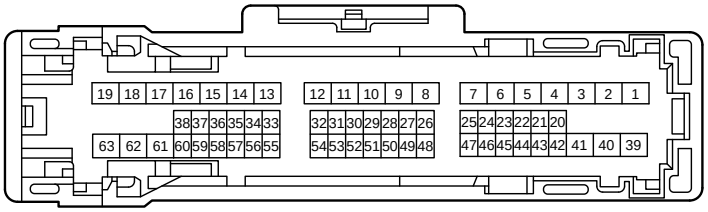

90980-12B19

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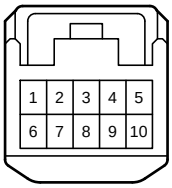

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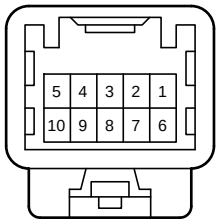

90980-12367

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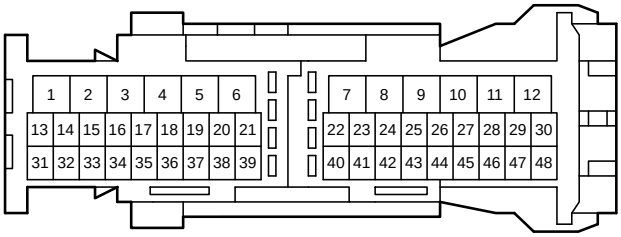

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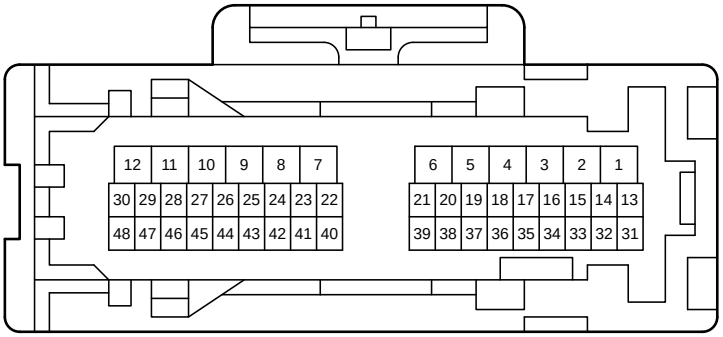

90980-12799

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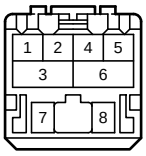

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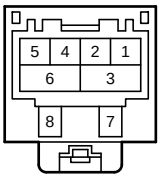

90980-12970

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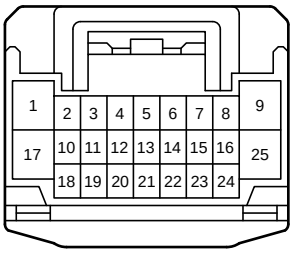

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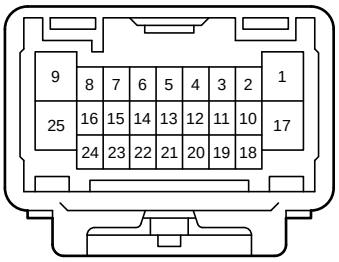

90980-12413

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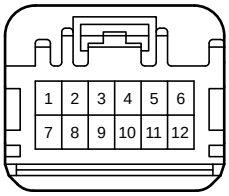

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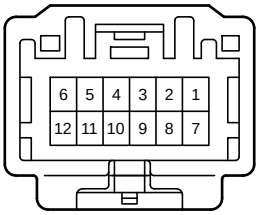

90980-12861

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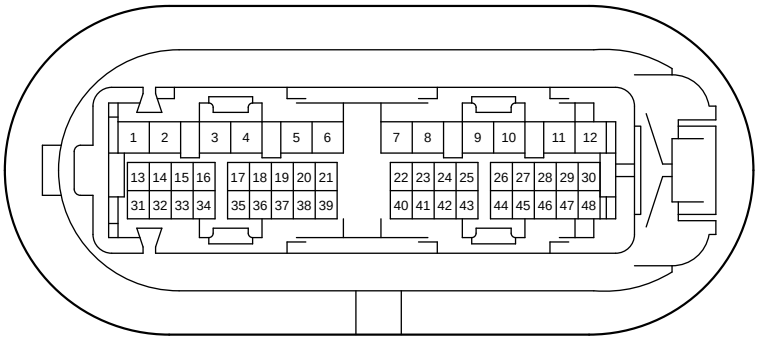

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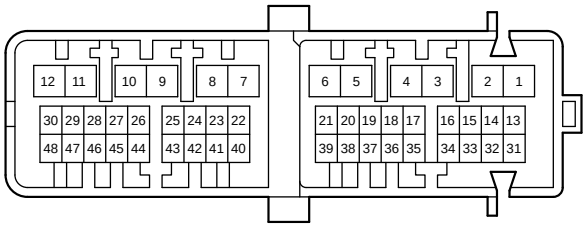

90980-12A06

SX1
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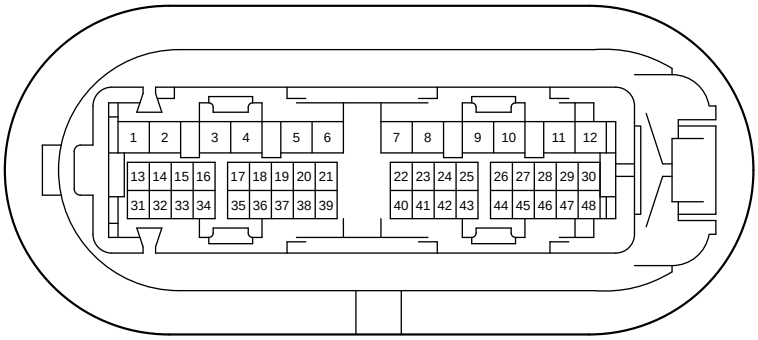

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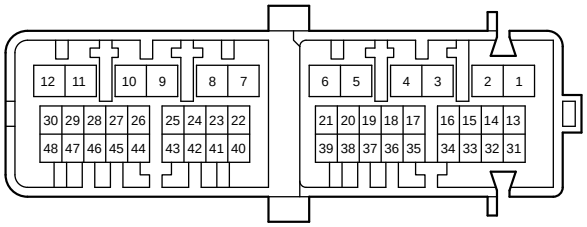

90980-12A06

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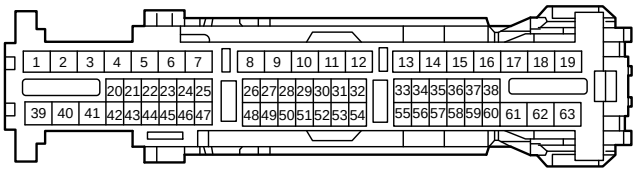
Gray



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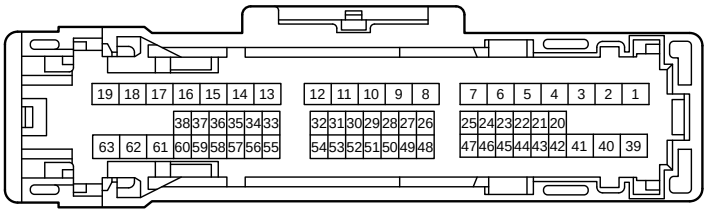

90980-12B19

bX4
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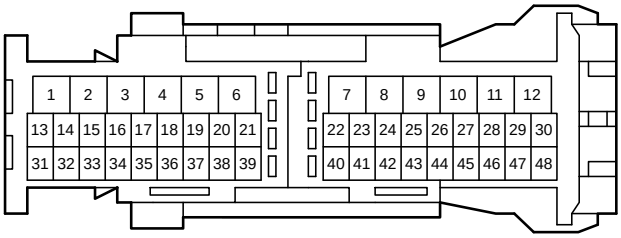

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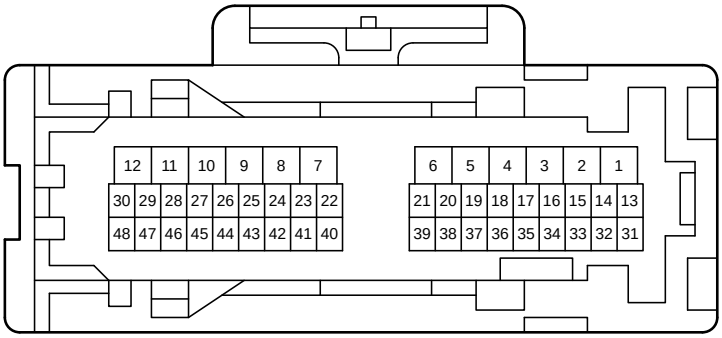
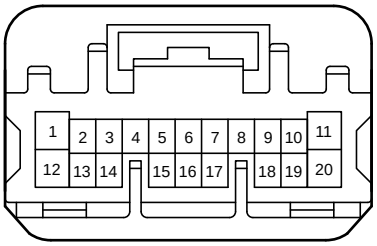
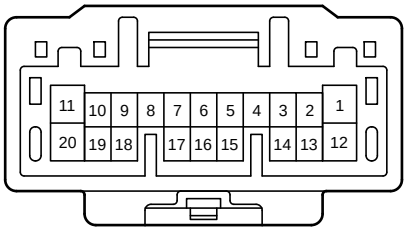


90980-12799

dX1
White



90980-12741



90980-12740

nX1
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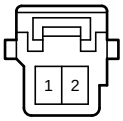

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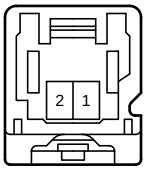

90980-12936