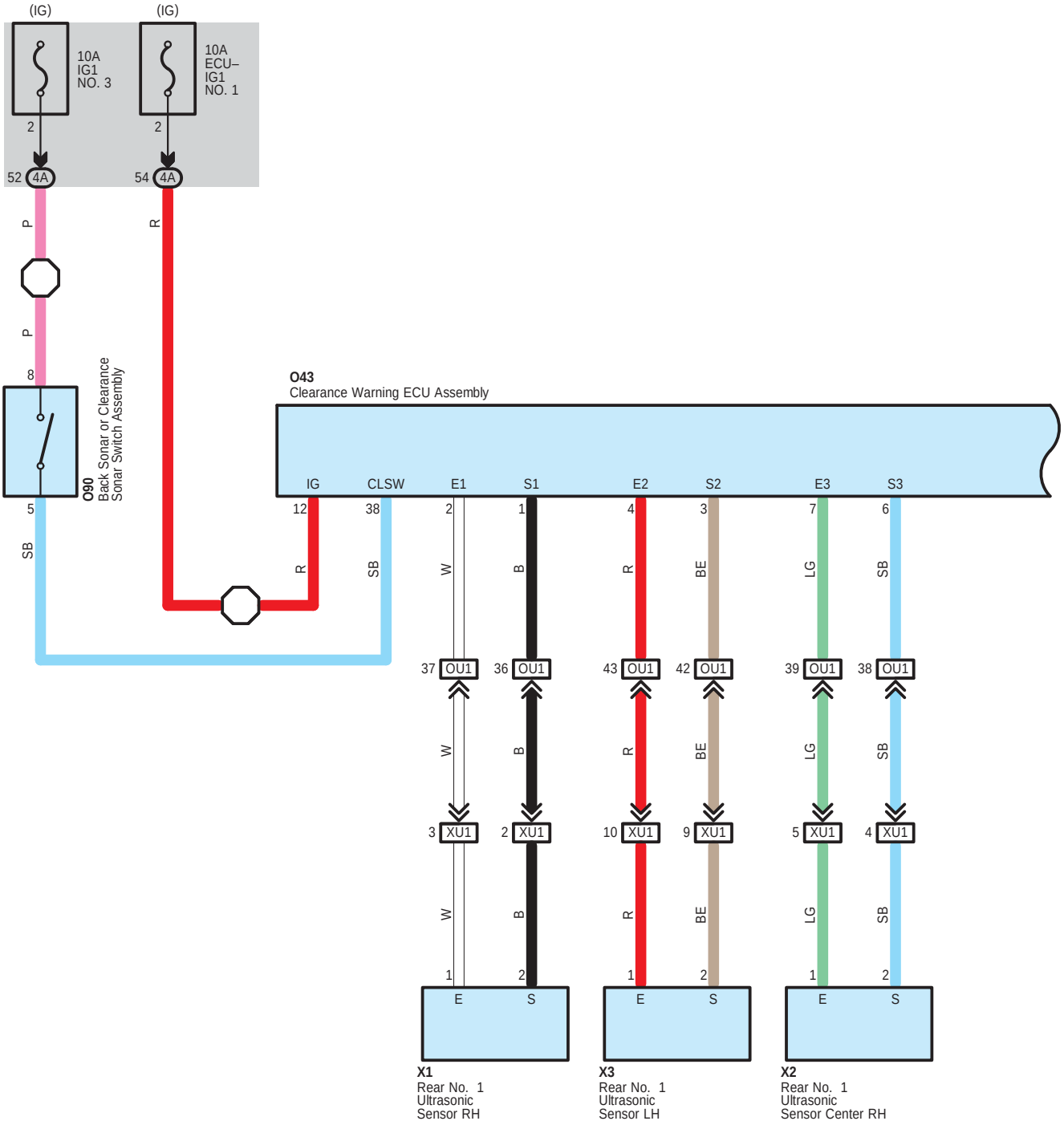
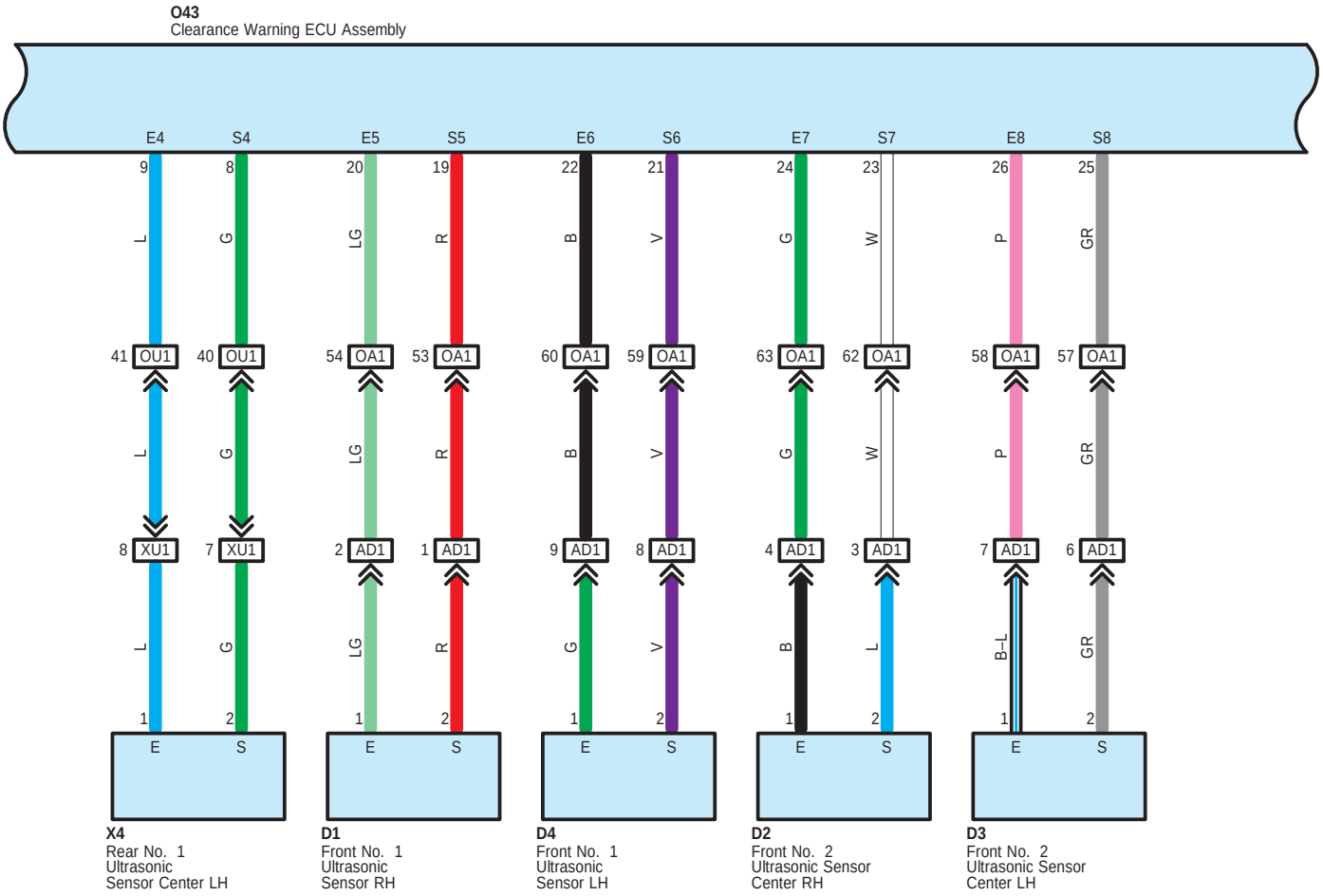
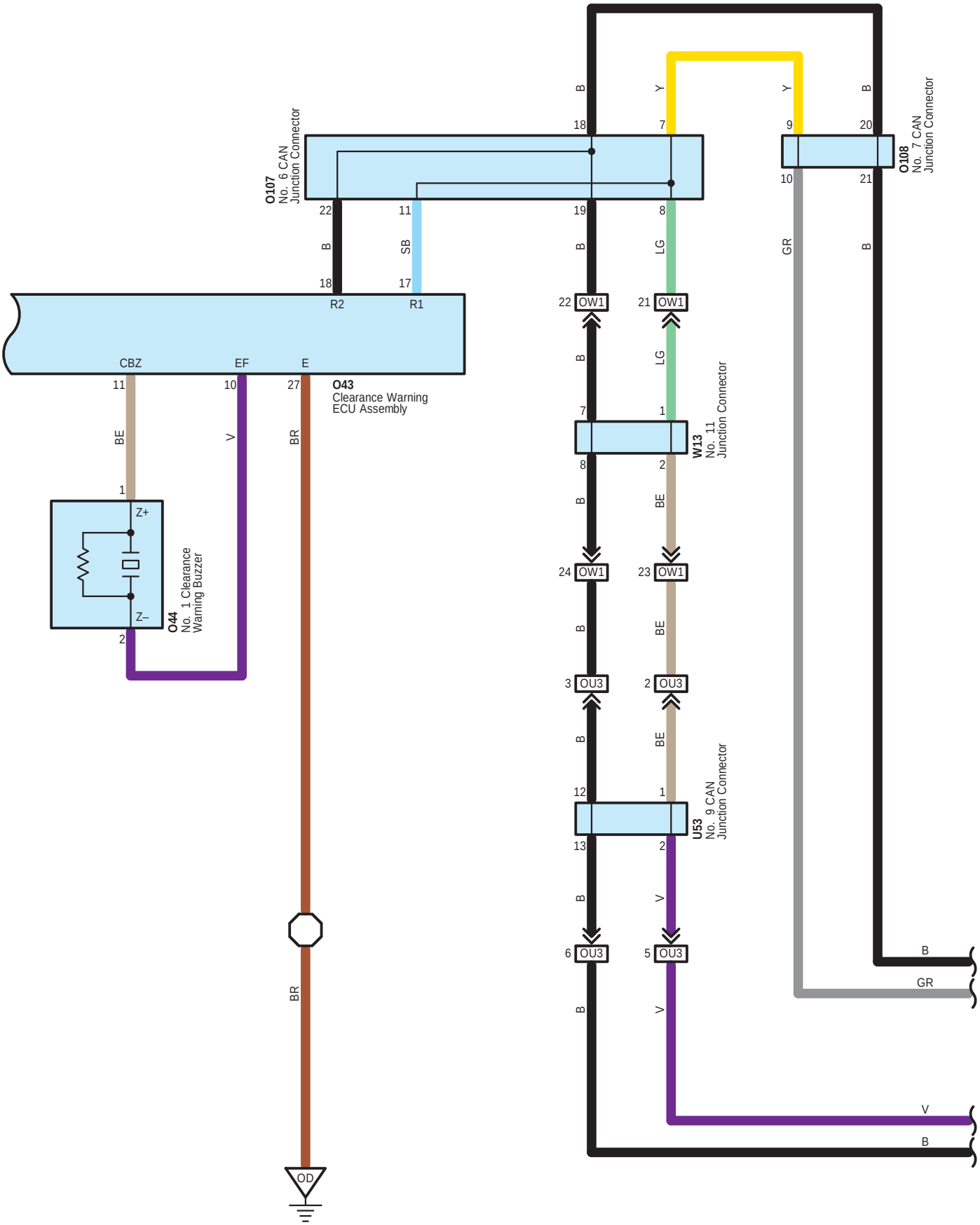
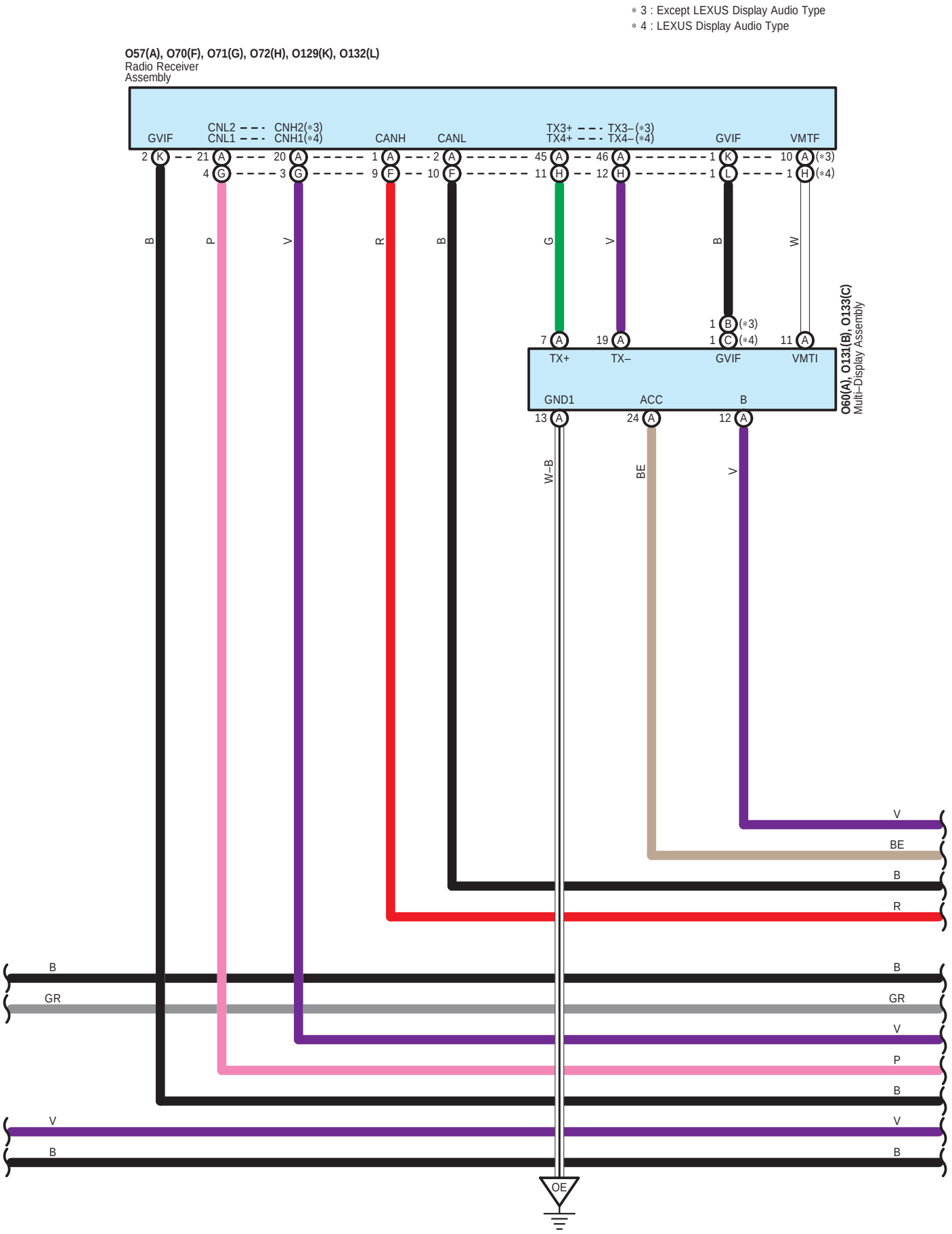
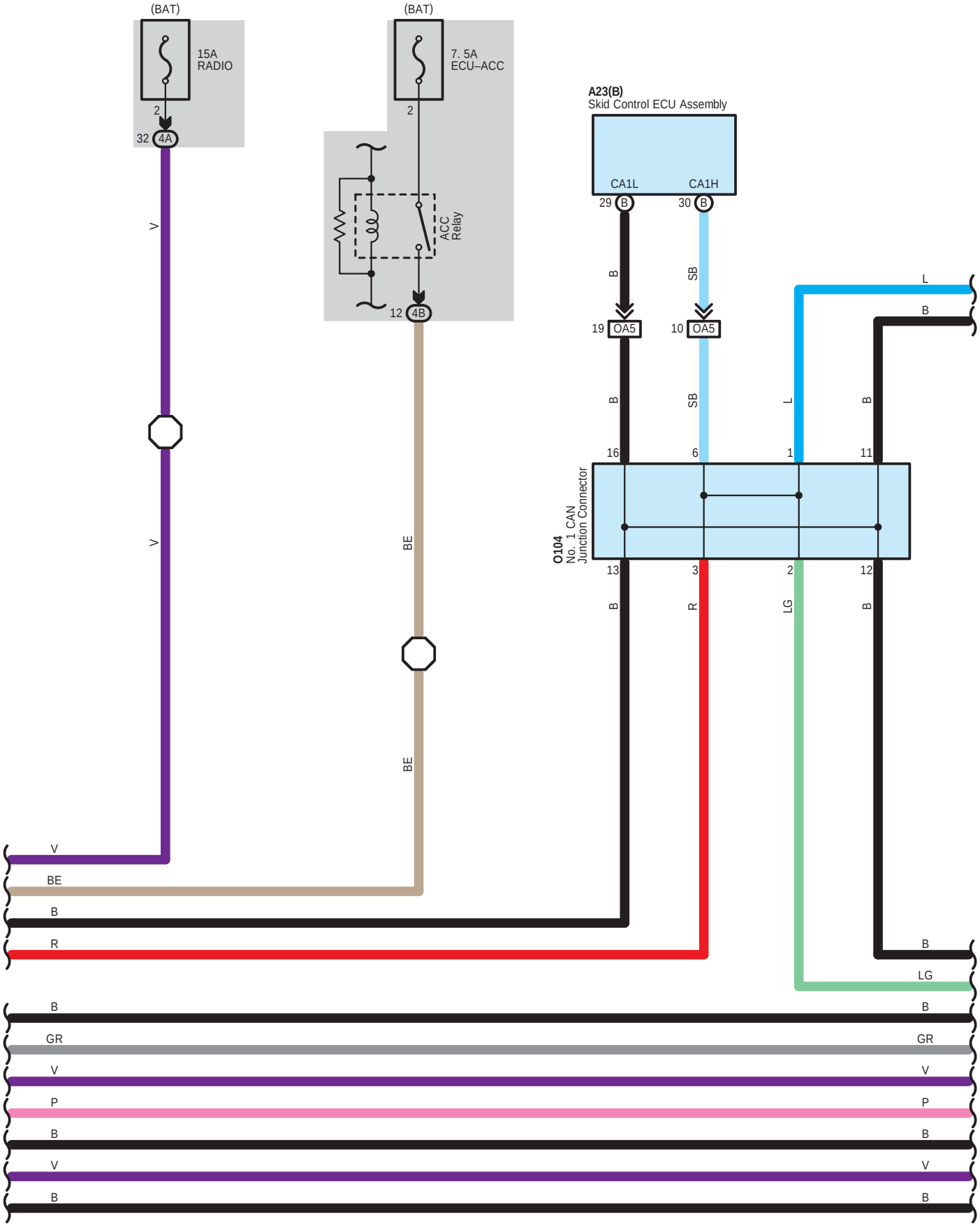
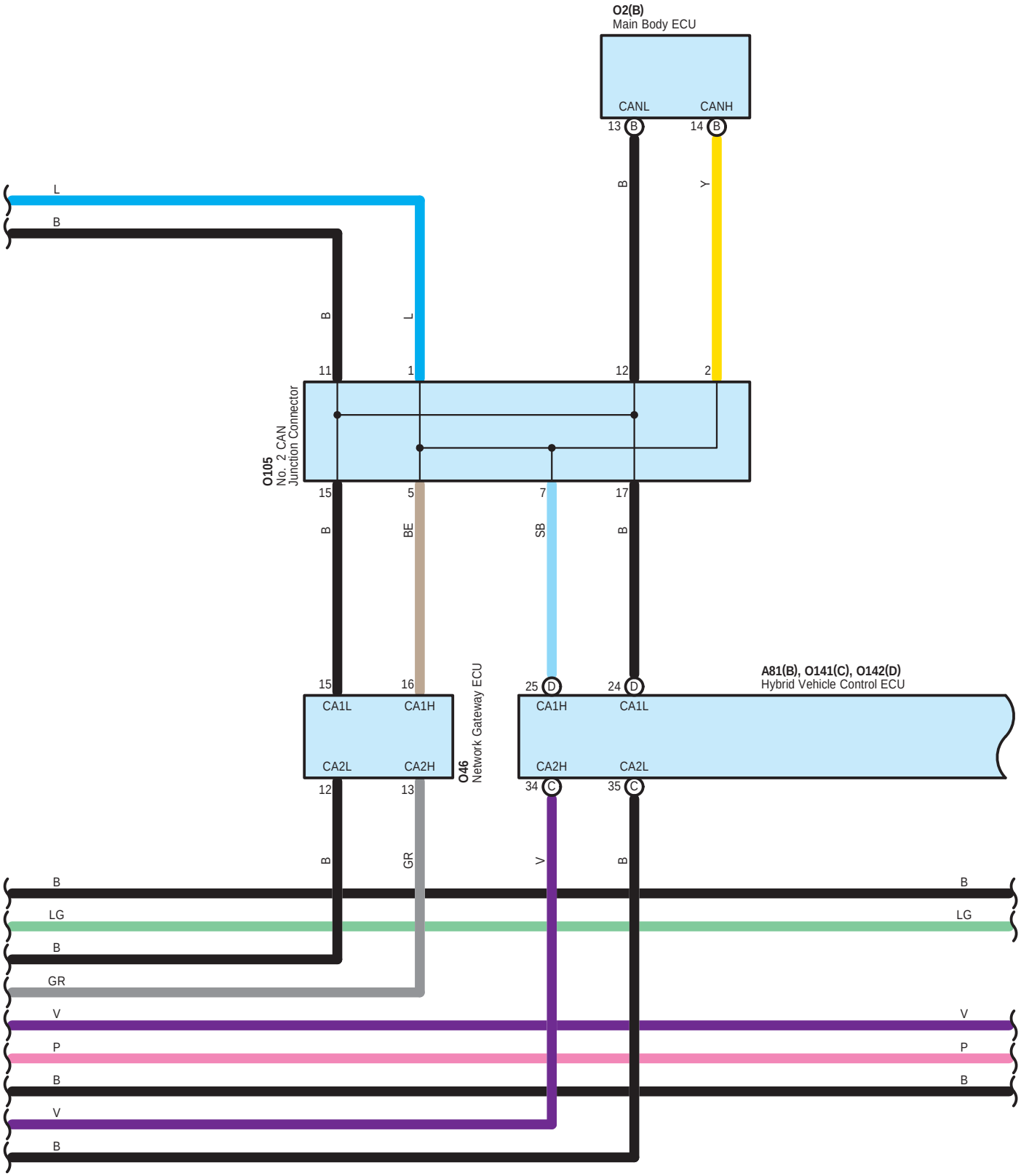

(IG)
10A
IG1
NO. 3
(IG)
10A
ECU–
IG1
NO. 1
2
2
52 4A
54 4A
P
P
R
8
5
SB
O90
Back Sonar or Clearance
Sonar Switch Assembly
O43
Clearance Warning ECU Assembly
IG
CLSW
E1
S1
E2
S2
E3
S3
12
38
2
1
4
3
7
6
R
SB
W
B
R
BE
LG
SB
37 OU1
36 OU1
43 OU1
42 OU1
39 OU1
38 OU1
W
B
R
BE
LG
SB
3 XU1
2 XU1
10 XU1
9 XU1
5 XU1
4 XU1
W
B
R
BE
LG
SB
1
2
1
2
1
2
E
S
E
S
E
S
X1
Rear No. 1
Ultrasonic
Sensor RH
X3
Rear No. 1
Ultrasonic
Sensor LH
X2
Rear No. 1
Ultrasonic
Sensor Center RH

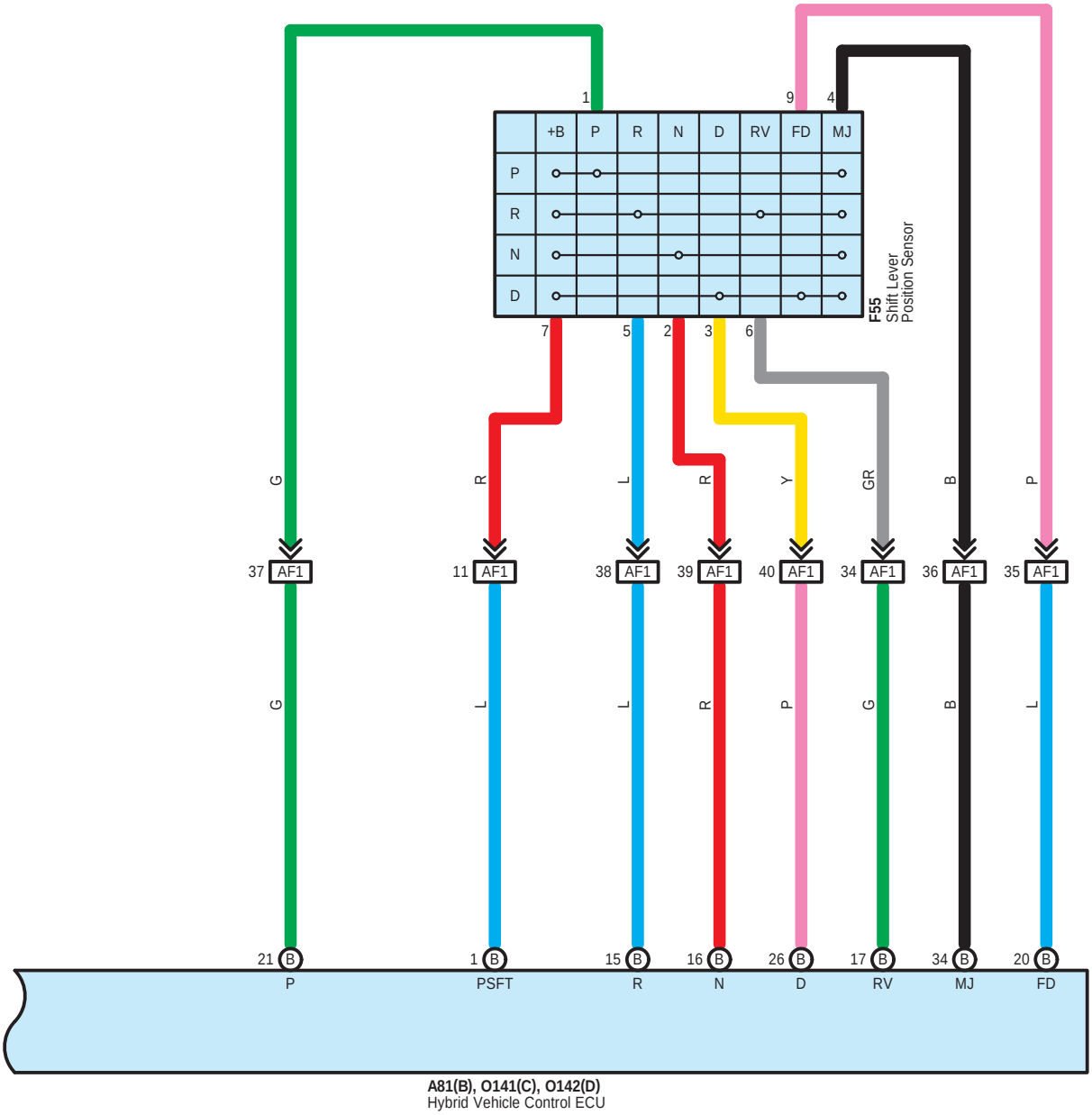

O43
Clearance Warning ECU Assembly
E4
S4
E5
S5
E6
S6
E7
S7
E8
S8
9
8
20
19
22
21
24
23
26
25
L
G
LG
R
B
V
G
W
P
GR
41 OU1
40 OU1
54 OA1
53 OA1
60 OA1
59 OA1
63 OA1
62 OA1
58 OA1
57 OA1
L
G
LG
R
B
V
G
W
P
GR
8 XU1
7 XU1
2 AD1
1 AD1
9 AD1
8 AD1
4 AD1
3 AD1
7 AD1
6 AD1
L
G
LG
R
G
V
B
L
B-L
GR
1
2
1
2
1
2
1
2
1
2
E
S
E
S
E
S
E
S
E
S
X4
Rear No. 1
Ultrasonic
Sensor Center LH
D1
Front No. 1
Ultrasonic
Sensor RH
D4
Front No. 1
Ultrasonic
Sensor LH
D2
Front No. 2
Ultrasonic Sensor
Center RH
D3
Front No. 2
Ultrasonic Sensor
Center LH

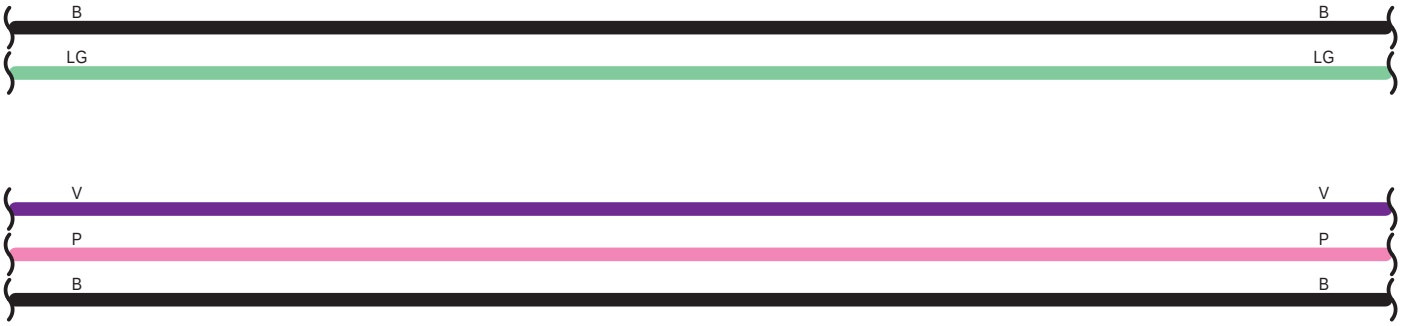

O107
No. 6 CAN
Junction Connector
O108
No. 7 CAN
Junction Connector
O43
Clearance Warning
ECU Assembly
CBZ
EF
E
R2
R1
O44
No. 1 Clearance
Warning Buzzer
Z+
Z–
W13
No. 11
Junction Connector
U53
No. 9 CAN
Junction Connector
OW1
OU3
OD
B
SB
LG
BE
V
BR
GR
Y

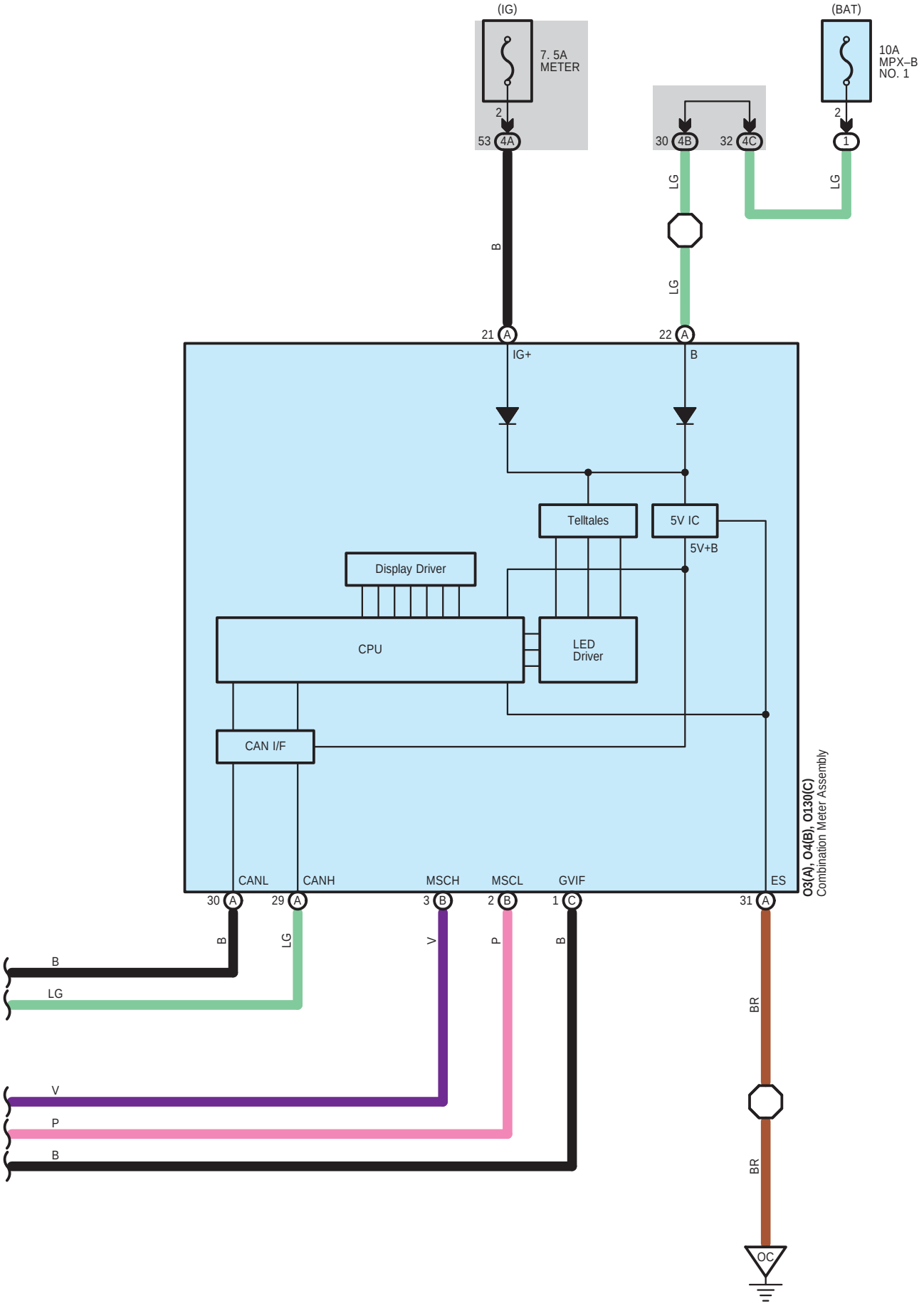

∗ 3 : Except LEXUS Display Audio Type
∗ 4 : LEXUS Display Audio Type
O57(A), O70(F), O71(G), O72(H), O129(K), O132(L)
Radio Receiver Assembly
GVIF
CNL2
CNL1
CNH2(∗3)
CNH1(∗4)
CANH
CANL
TX3+
TX4+
TX3−(∗3)
TX4−(∗4)
GVIF
VMTF
2 K
21 A
4 G
20 A
3 G
1 A
9 F
2 A
10 F
45 A
11 H
46 A
12 H
1 K
1 L
10 A (∗3)
1 H (∗4)
B
P
V
R
B
G
V
B
W
1 B (∗3)
1 C (∗4)
7 A
19 A
11 A
TX+
TX−
GVIF
VMTI
O60(A), O131(B), O133(C)
Multi−Display Assembly
GND1
ACC
B
13 A
24 A
12 A
W−B
BE
V
V
BE
B
R
B
GR
V
P
B
V
B
B
GR
V
V
B
OE


(BAT)
15A
RADIO
2
32 4A
(BAT)
7. 5A
ECU–ACC
2
ACC
Relay
12 4B
A23(B)
Skid Control ECU Assembly
CA1L
CA1H
29 B
30 B
19 OA5
10 OA5
O104
No. 1 CAN
Junction Connector
16
6
1
11
13
3
2
12
V
BE
B
R
SB
L
LG
GR
P

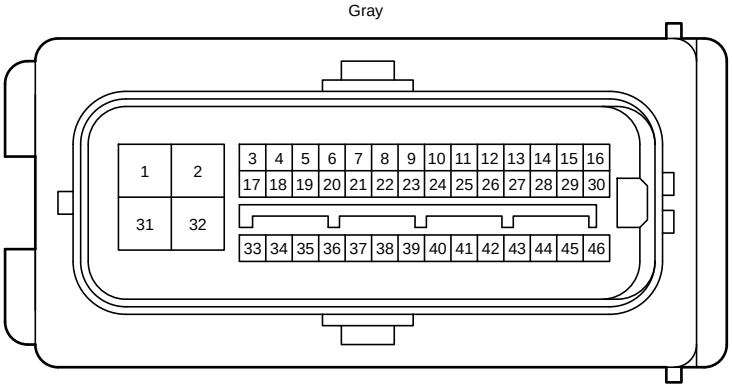

O2(B)
Main Body ECU
CANL
CANH
13 B
14 B
B
Y
L
B
B
L
11
1
12
2
O105
No. 2 CAN
Junction Connector
15
5
7
17
B
BE
SB
B
15
16
25 D
24 D
A81(B), O141(C), O142(D)
Hybrid Vehicle Control ECU
CA1L
CA1H
CA1H
CA1L
CA2L
CA2H
CA2H
CA2L
O46
Network Gateway ECU
12
13
34 C
35 C
B
GR
V
B
B
B
LG
LG
B
GR
V
V
P
P
B
B
V
B


1
9
4
+B
P
R
N
D
RV
FD
MJ
P
R
N
D
F55
Shift Lever
Position Sensor
7
5
2
3
6
G
R
L
R
Y
GR
B
P
37 AF1
11 AF1
38 AF1
39 AF1
40 AF1
34 AF1
36 AF1
35 AF1
G
L
L
R
P
G
B
L
21 B
1 B
15 B
16 B
26 B
17 B
34 B
20 B
P
PSFT
R
N
D
RV
MJ
FD
A81(B), O141(C), O142(D)
Hybrid Vehicle Control ECU


B
B
LG
LG
V
V
P
P
B
B

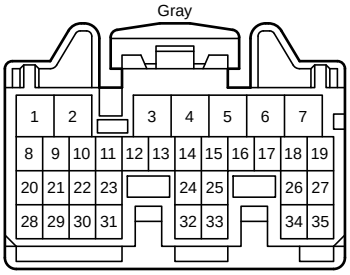

(IG)
7. 5A
METER
2
53 4A
(BAT)
10A
MPX–B
NO. 1
2
1
30 4B
32 4C
LG
LG
LG
B
21 A
22 A
IG+
B
Telltales
5V IC
5V+B
Display Driver
CPU
LED
Driver
CAN I/F
O3(A), O4(B), O130(C)
Combination Meter Assembly
CANL
CANH
MSCH
MSCL
GVIF
ES
30 A
29 A
3 B
2 B
1 C
31 A
B
LG
V
P
B
B
LG
V
P
B
BR
BR
OC

A23
Gray



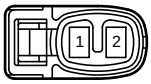

90980-12426

A81
Gray



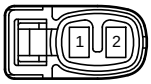

90980-12428

D1
Black



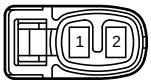

90980-11246

D2
Black



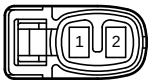

90980-11246

D3
Black



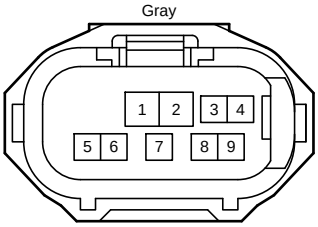

90980-11246

D4
Black



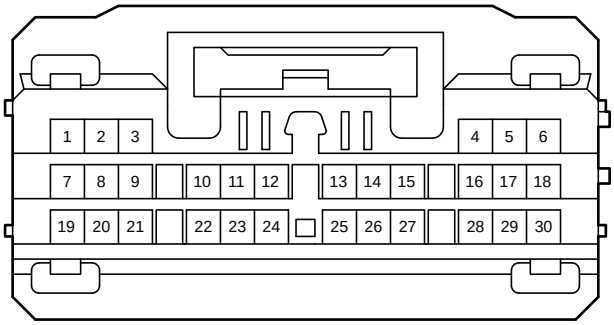

90980-11246

F55
Gray



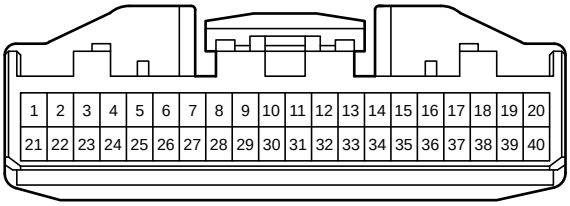

90980-12A23

O2
White



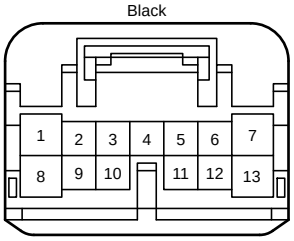

90980-12909

O3
Black



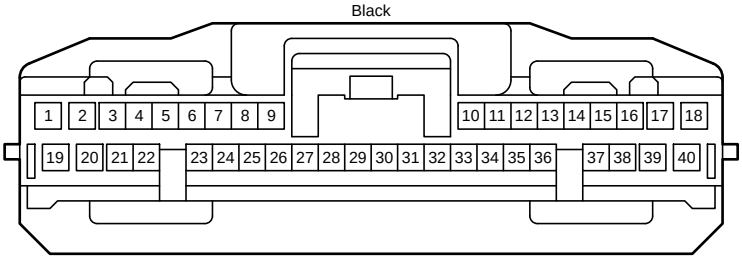

90980-12557

O4
Black



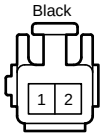

90980-12767

O43
Black



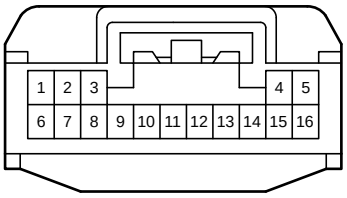

90980-12924

O44
Black



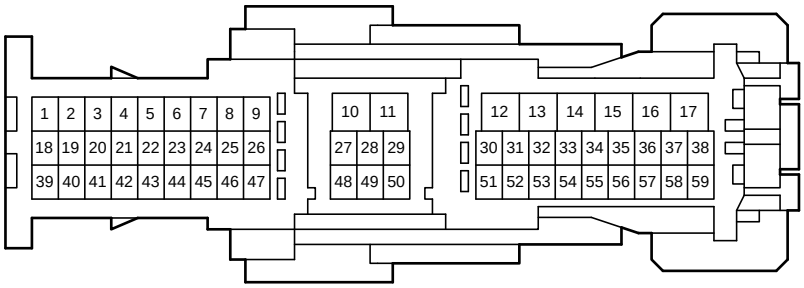

90980-10825

O46
White



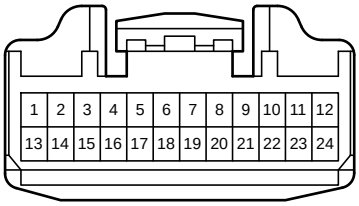

90980-12423

O57
White



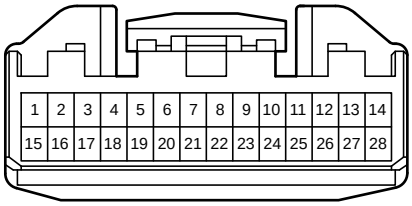

82824-50610

O60
Black



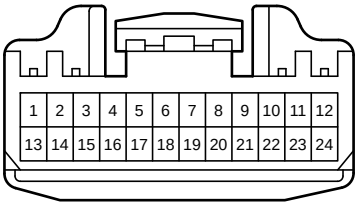

90980-12554

O70
White



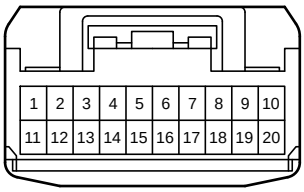

90980-12555

O71
White



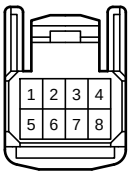

90980-12905

O72
White



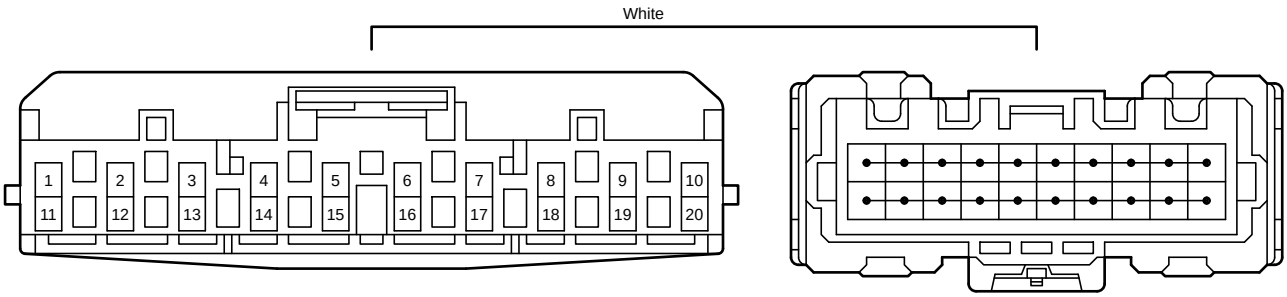

90980-12460

O90
White



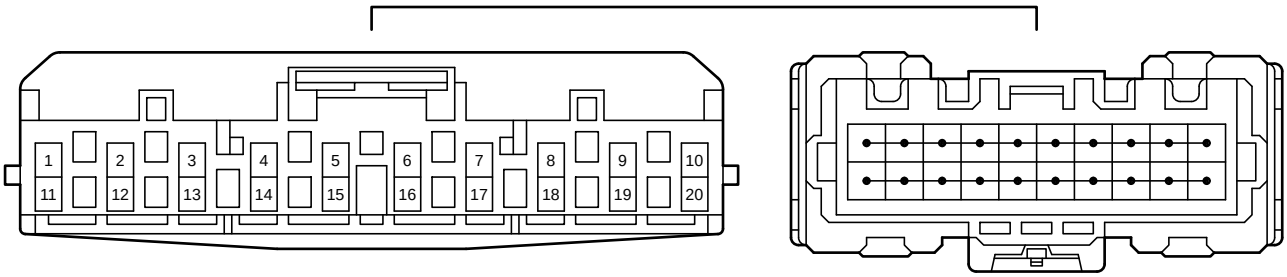

90980-12551

O104
White



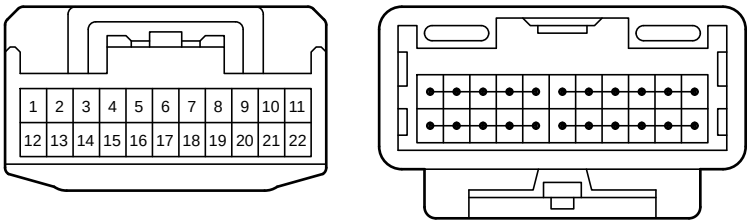

90980-12A58

O105
White



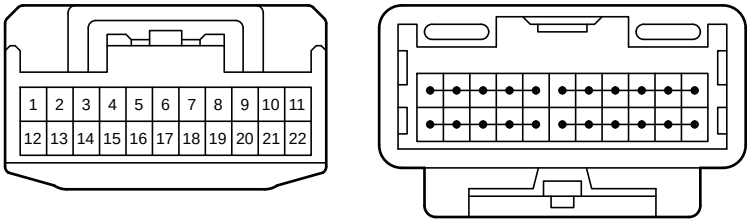

90980-12A58

O107
Black



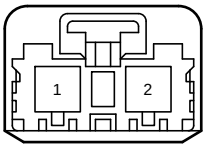

90980-12372

O108
Black




90980-12372

O129
Green




90980-12A73

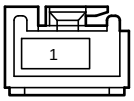
O130
Blue

90980-12593

O131
Blue

90980-12593

O132
Blue

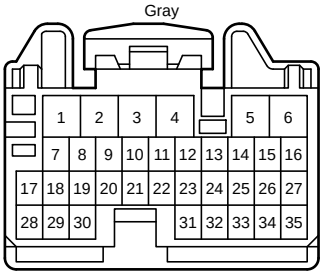



90980-12957

O133
Blue

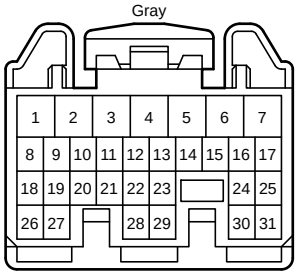
90980-12593

O141
Gray



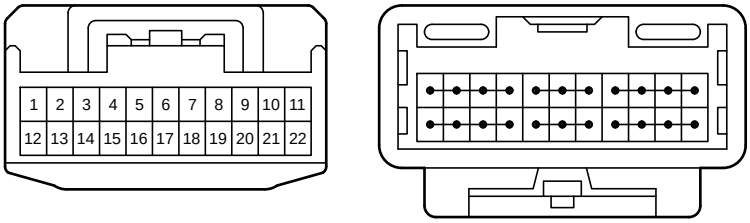

90980-12429

O142
Gray



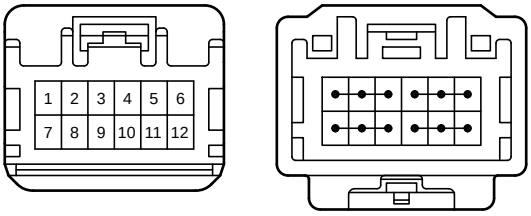

90980-12431

U53
White



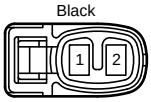

90980-12372

W13
White




90980-12737

X1
Black




90980-11246

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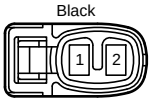


90980-11246

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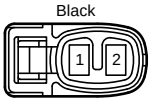


90980-11246

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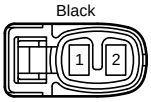


90980-11246

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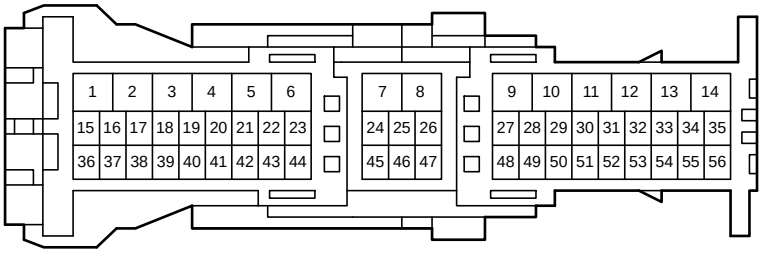


90980-12943

4B
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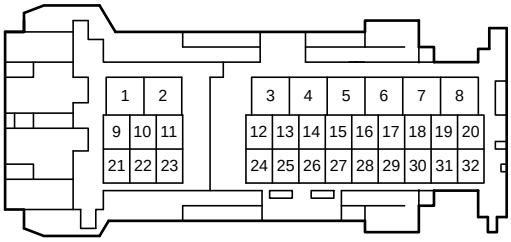


90980-12A48

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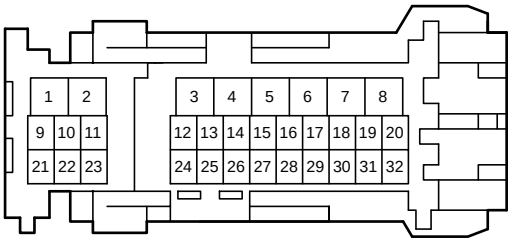


90980-12A47

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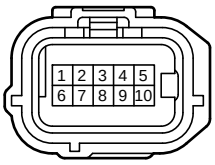
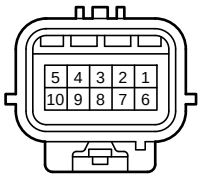



90980-12380




90980-12379

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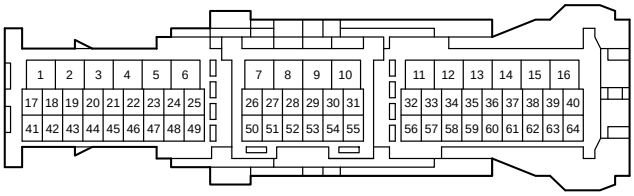
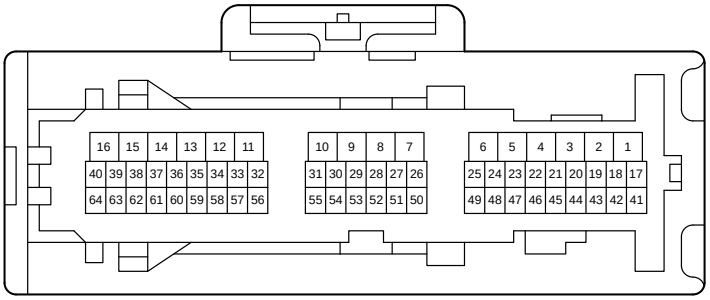



90980-12774




90980-12798

OA1
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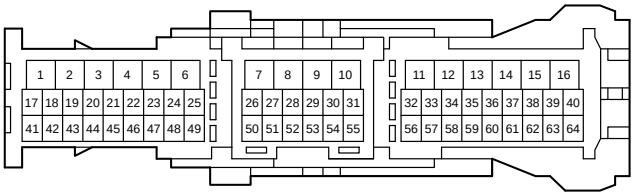


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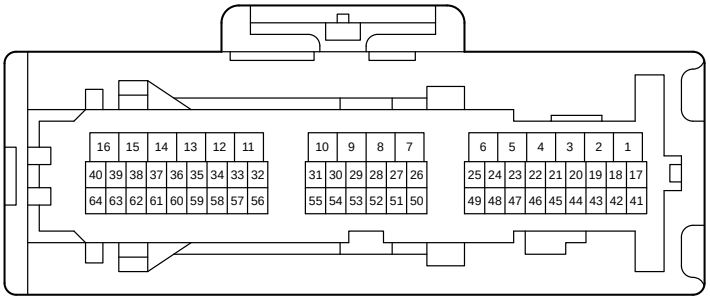


90980-12798

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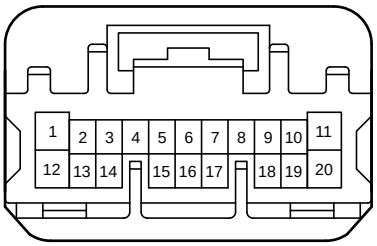
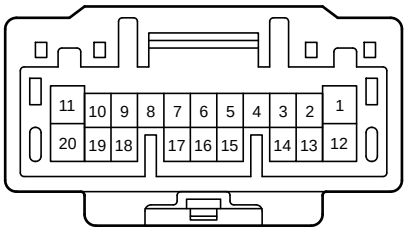



90980-12741




90980-12740

OU1
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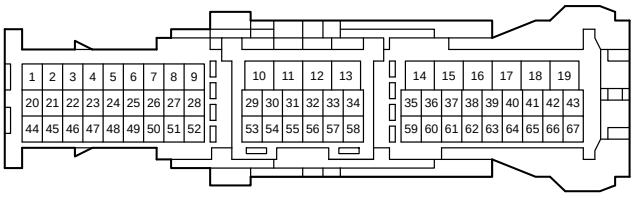
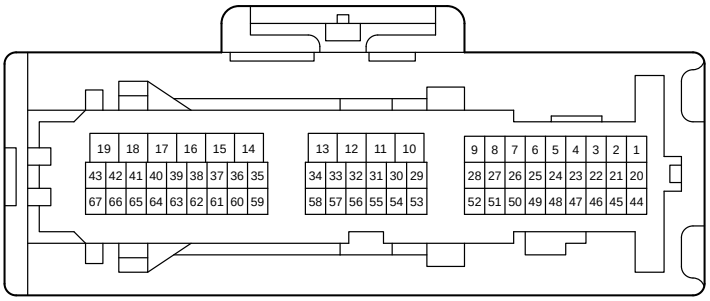



90980-12783




90980-12800

OU3
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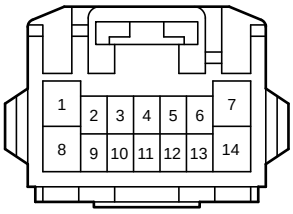
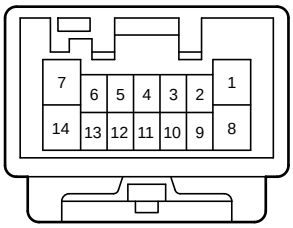



82824-53090




82824-53080

OW1
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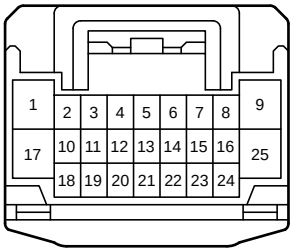
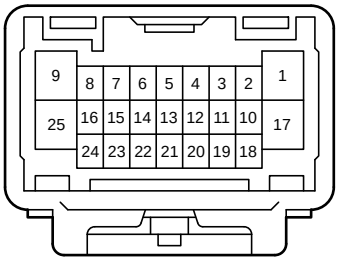
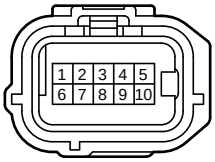



90980-12414




90980-12413

XU1
White

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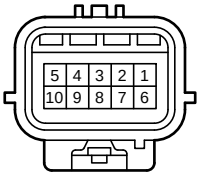


90980-12379