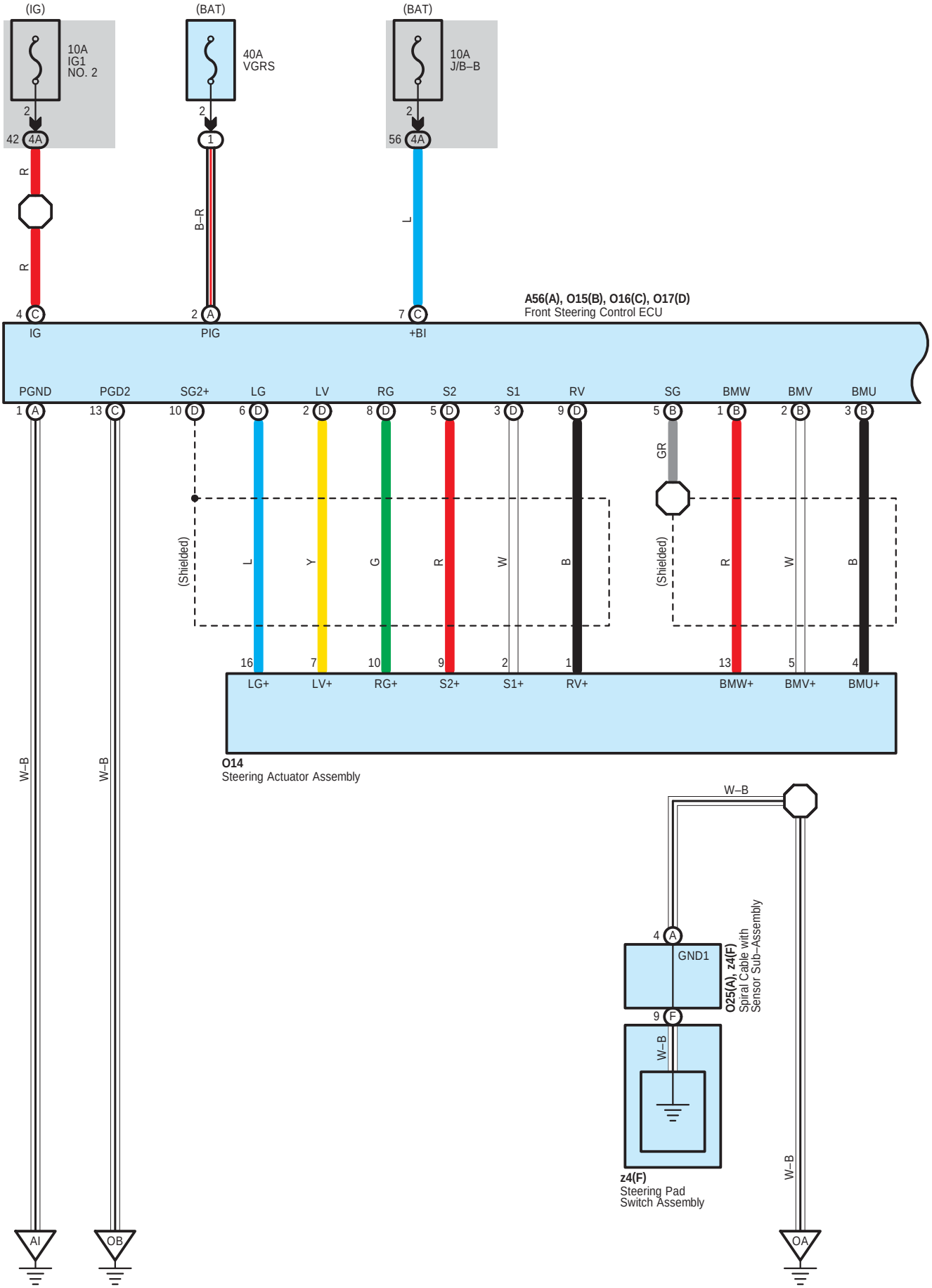
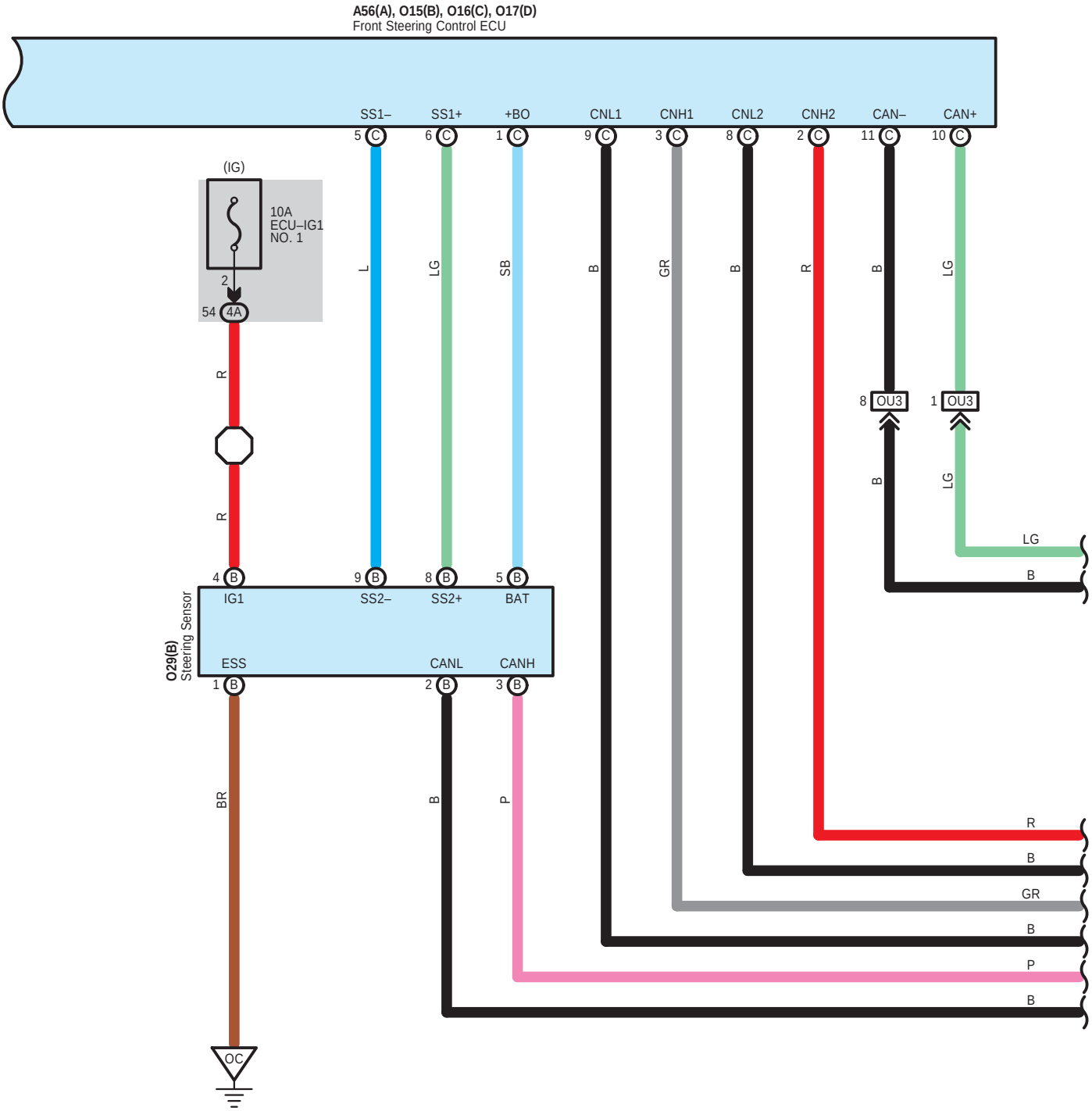
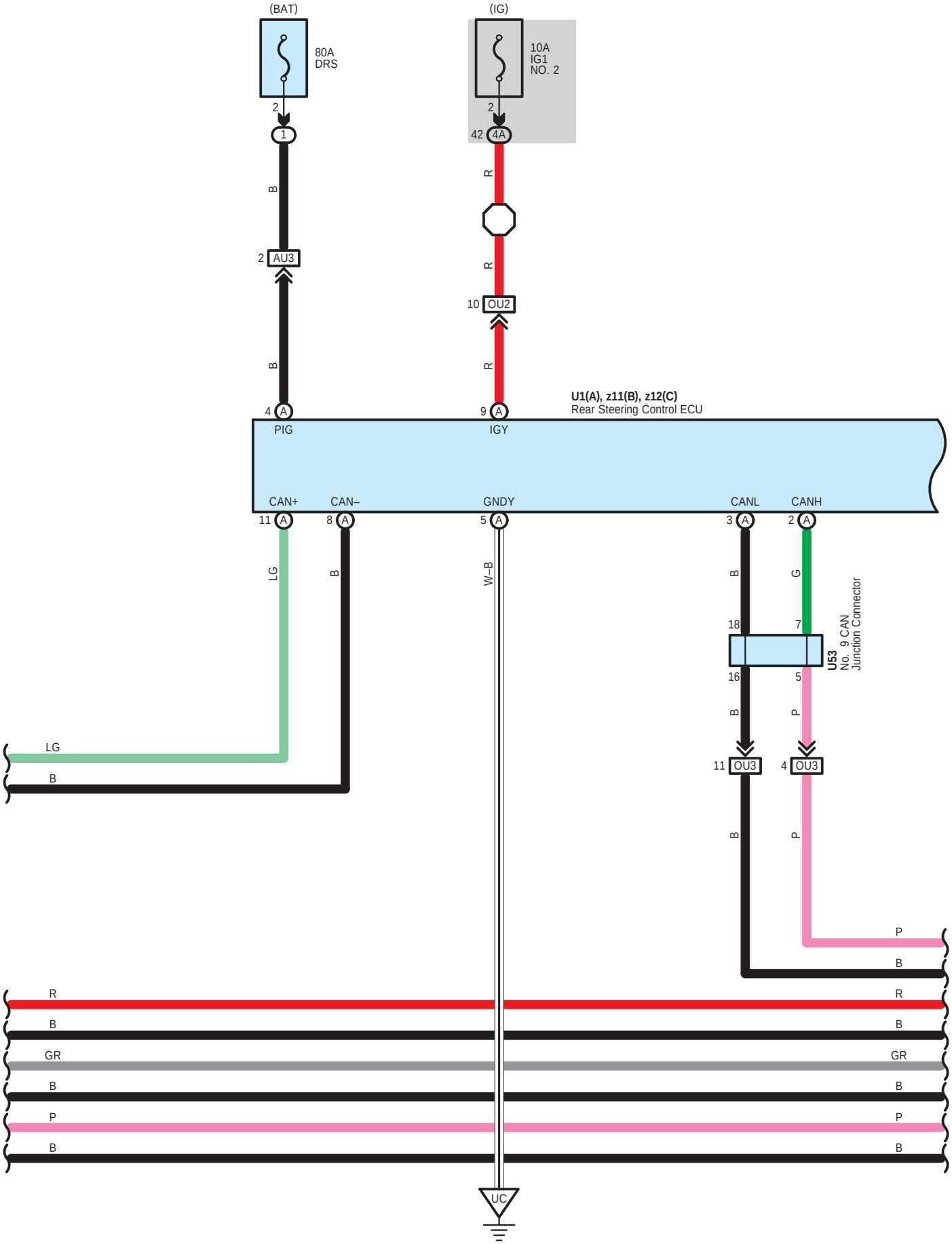
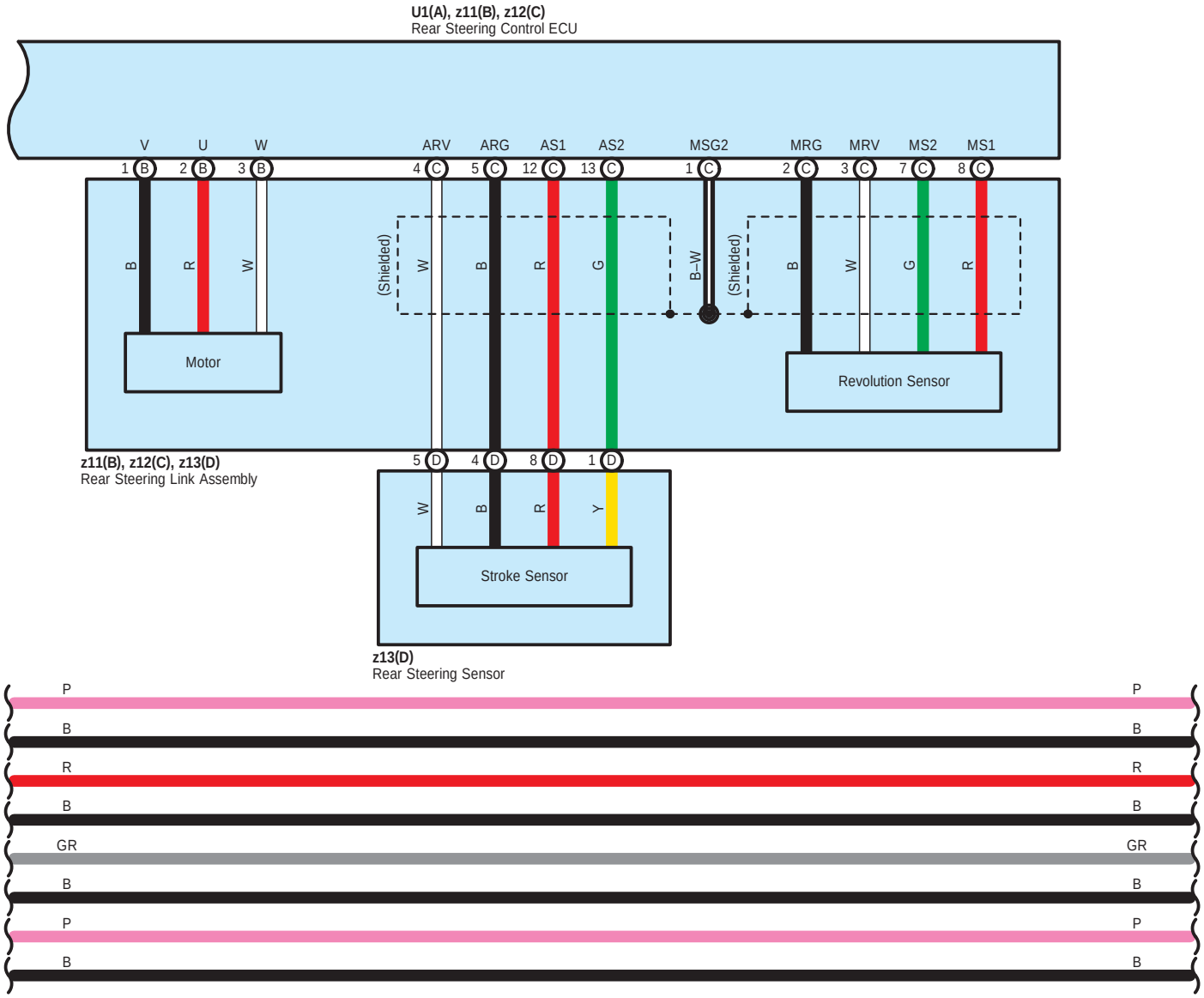
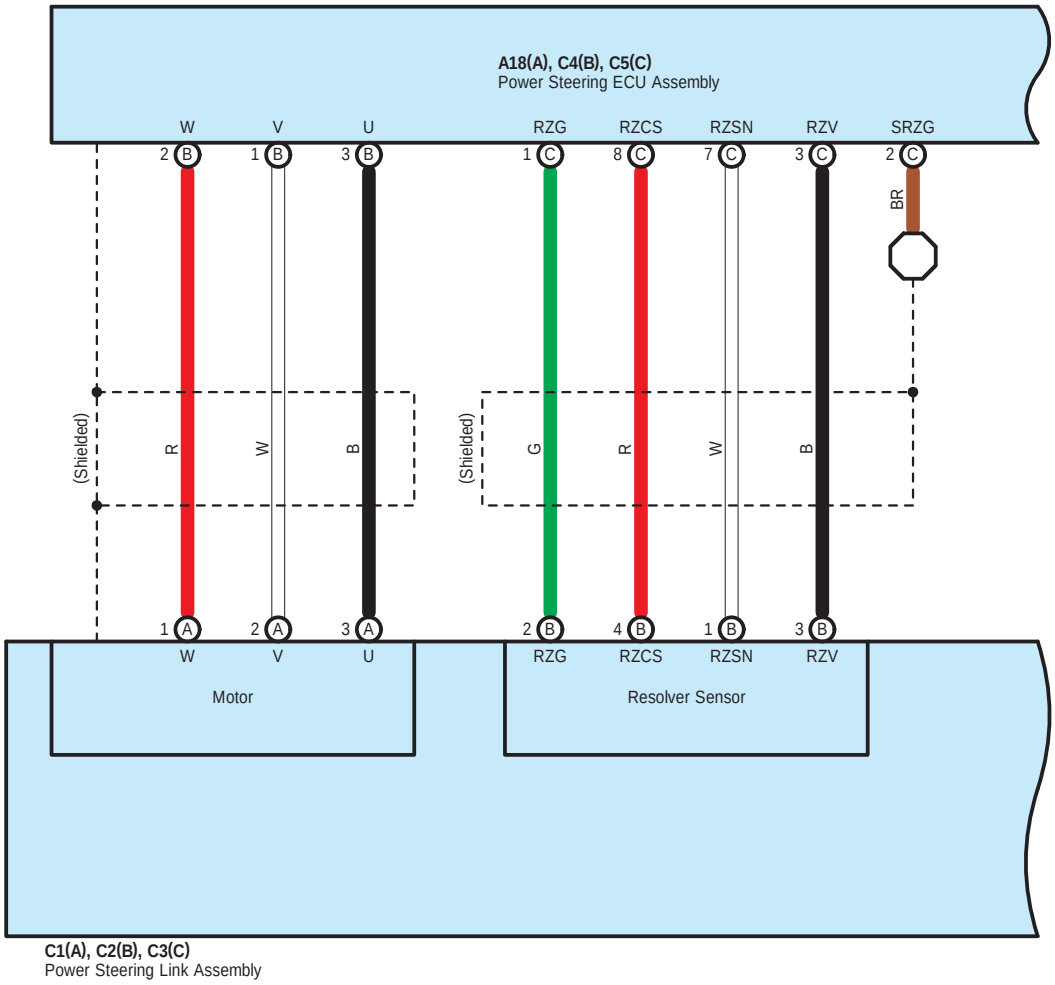

(IG)
10A
IG1
NO. 2
(BAT)
40A
VGRS
(BAT)
10A
J/B–B
42 4A
56 4A
R
R
B–R
L
4 C
IG
2 A
PIG
7 C
+BI
A56(A), O15(B), O16(C), O17(D)
Front Steering Control ECU
PGND
PGD2
SG2+
LG
LV
RG
S2
S1
RV
SG
BMW
BMV
BMU
1 A
13 C
10 D
6 D
2 D
8 D
5 D
3 D
9 D
5 B
1 B
2 B
3 B
GR
(Shielded)
L
Y
G
R
W
B
(Shielded)
R
W
B
16
7
10
9
2
1
13
5
4
LG+
LV+
RG+
S2+
S1+
RV+
BMW+
BMV+
BMU+
O14
Steering Actuator Assembly
W–B
W–B
W–B
4 A
GND1
O25(A), z4(F)
Spiral Cable with
Sensor Sub–Assembly
9 F
W–B
z4(F)
Steering Pad
Switch Assembly
W–B
AI
OB
OA

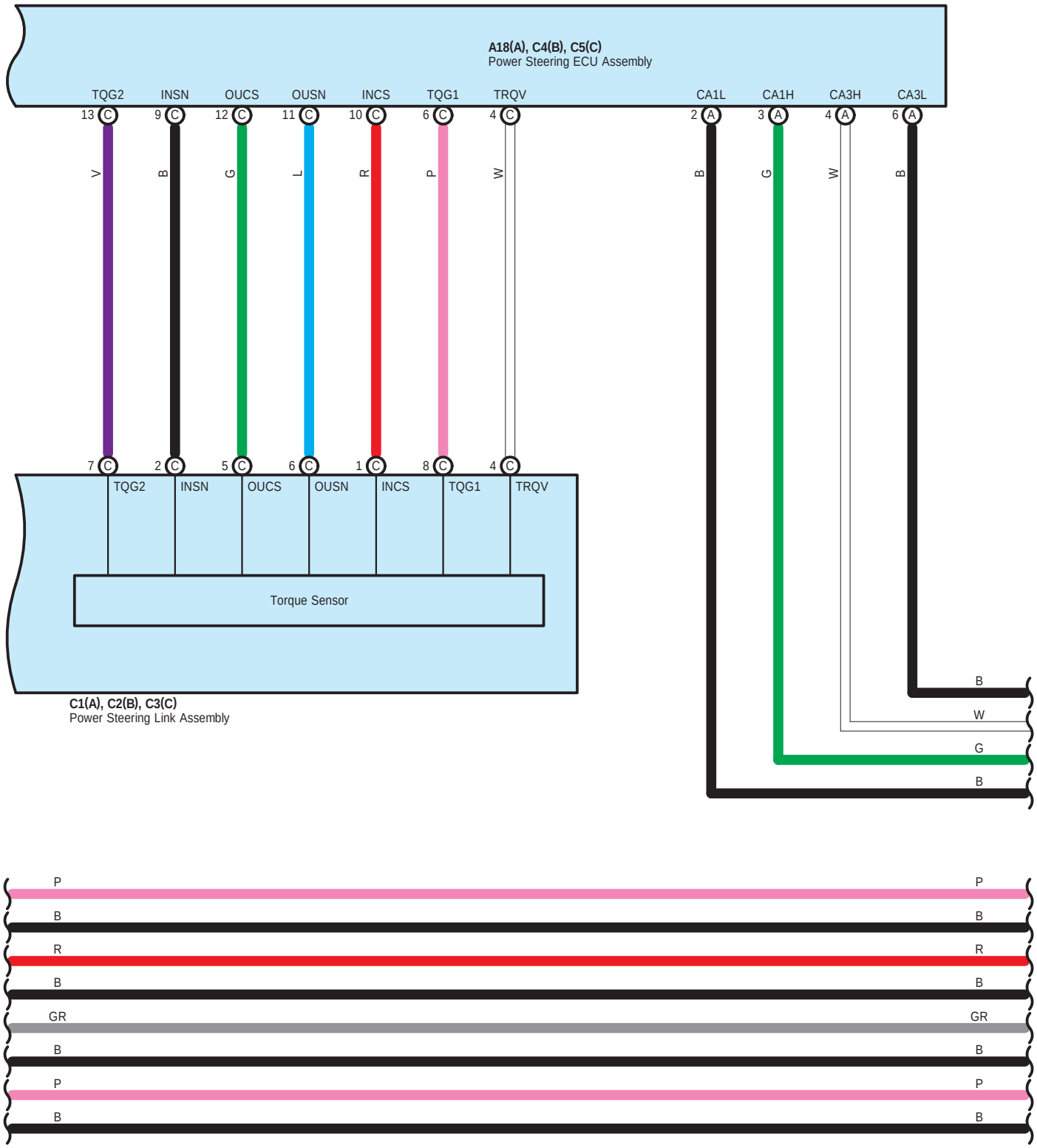

A56(A), O15(B), O16(C), O17(D)
Front Steering Control ECU
SS1–
SS1+
+BO
CNL1
CNH1
CNL2
CNH2
CAN–
CAN+
5 C
6 C
1 C
9 C
3 C
8 C
2 C
11 C
10 C
(IG)
10A
ECU–IG1
NO. 1
2
54 4A
L
LG
SB
B
GR
B
R
B
LG
R
R
8 OU3
1 OU3
B
LG
LG
B
4 B
9 B
8 B
5 B
IG1
SS2–
SS2+
BAT
O29(B)
Steering Sensor
ESS
CANL
CANH
1 B
2 B
3 B
BR
B
P
R
B
GR
B
P
B
OC

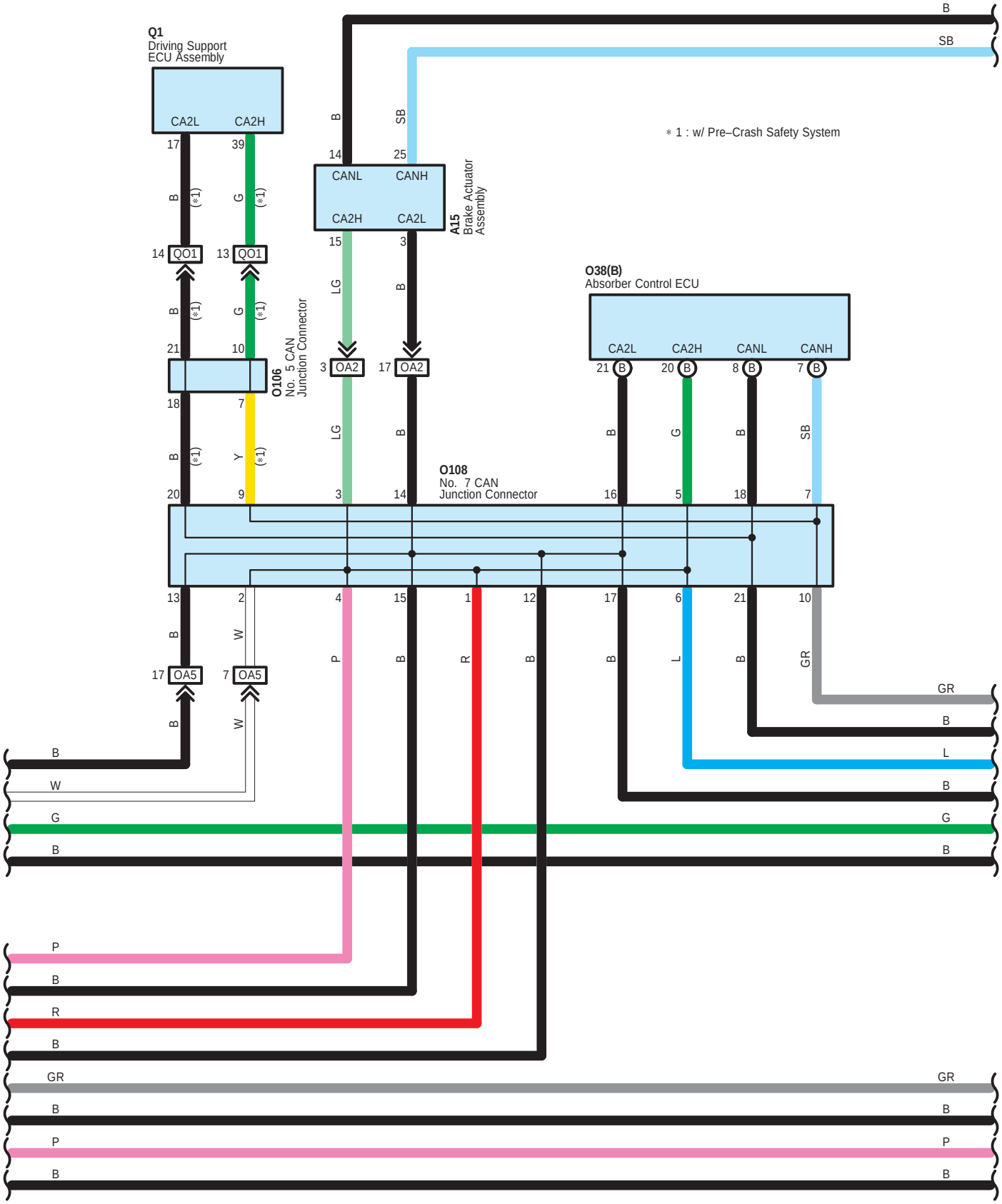

(BAT)
80A
DRS
(IG)
10A
IG1
NO. 2
2
1
42
4A
B
R
2
AU3
10
OU2
4
A
PIG
9
A
IGY
U1(A), z11(B), z12(C)
Rear Steering Control ECU
CAN+
CAN–
GNDY
CANL
CANH
11
8
5
3
2
LG
W–B
G
18
7
U53
No. 9 CAN
Junction Connector
16
5
P
11
OU3
4
OU3
GR
UC

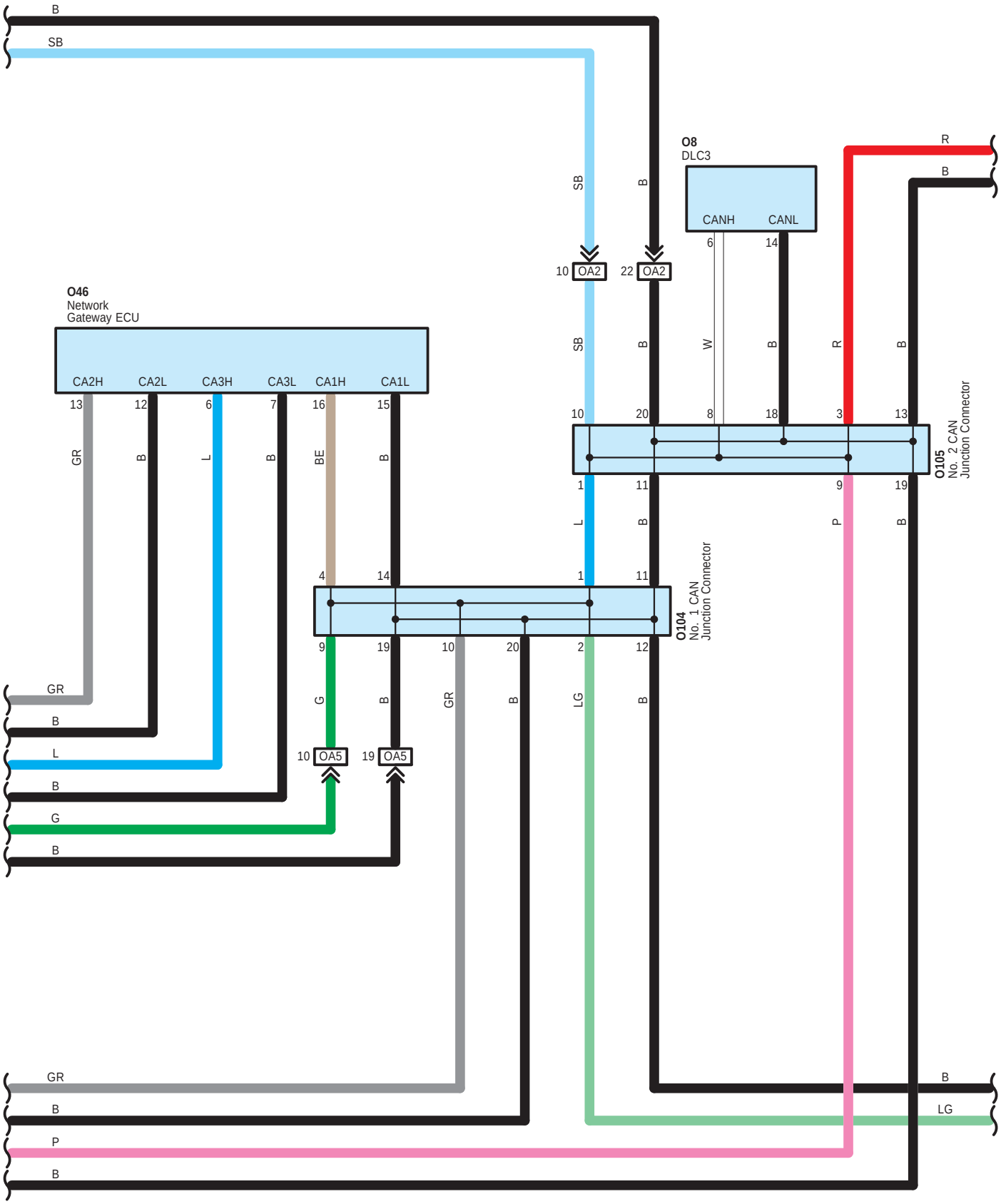

U1(A), z11(B), z12(C)
Rear Steering Control ECU
V
U
W
ARV
ARG
AS1
AS2
MSG2
MRG
MRV
MS2
MS1
1 B
2 B
3 B
4 C
5 C
12 C
13 C
1 C
2 C
3 C
7 C
8 C
B
R
W
(Shielded)
W
B
R
G
B–W
(Shielded)
B
W
G
R
Motor
Revolution Sensor
z11(B), z12(C), z13(D)
Rear Steering Link Assembly
5 D
4 D
8 D
1 D
W
B
R
Y
Stroke Sensor
z13(D)
Rear Steering Sensor
P
B
R
B
GR
B
P
B
P
B
R
B
GR
B
P
B

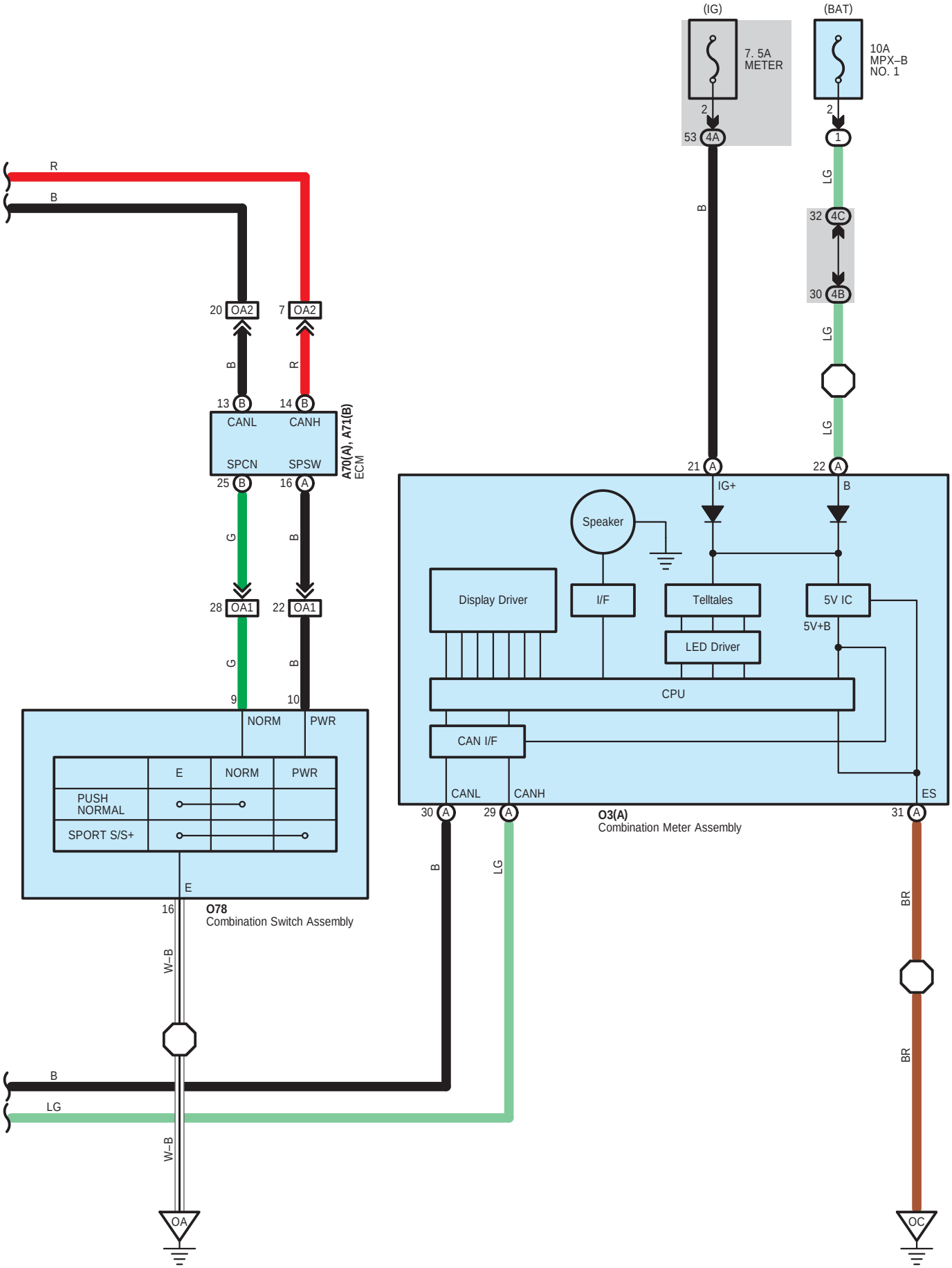

A18(A), C4(B), C5(C)
Power Steering ECU Assembly
W
V
U
RZG
RZCS
RZSN
RZV
SRZG
2 B
1 B
3 B
1 C
8 C
7 C
3 C
2 C
BR
(Shielded)
R
W
B
(Shielded)
G
R
W
B
1 A
2 A
3 A
2 B
4 B
1 B
3 B
W
V
U
RZG
RZCS
RZSN
RZV
Motor
Resolver Sensor
C1(A), C2(B), C3(C)
Power Steering Link Assembly

P
P
B
B
R
R
B
B
GR
GR
B
B
P
P
B
B

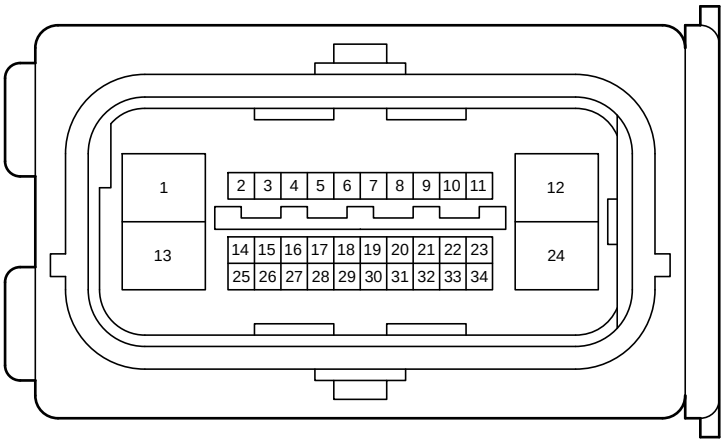

A18(A), C4(B), C5(C)
Power Steering ECU Assembly
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
CA1L
CA1H
CA3H
CA3L
13 C
9 C
12 C
11 C
10 C
6 C
4 C
2 A
3 A
4 A
6 A
V
B
G
L
R
P
W
B
G
W
B
7 C
2 C
5 C
6 C
1 C
8 C
4 C
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
Torque Sensor
C1(A), C2(B), C3(C)
Power Steering Link Assembly
B
W
G
B
P
P
B
B
R
R
B
B
GR
GR
B
B
P
P
B
B


Q1
Driving Support
ECU Assembly
CA2L
CA2H
17
39
B
G
(*1)
14 QO1
13 QO1
21
10
18
7
20
9
Y
O106
No. 5 CAN
Junction Connector
3 OA2
17 OA2
LG
B
SB
14
25
CANL
CANH
CA2H
CA2L
15
3
A15
Brake Actuator
Assembly
* 1 : w/ Pre–Crash Safety System
O38(B)
Absorber Control ECU
CA2L
CA2H
CANL
CANH
21 B
20 B
8 B
7 B
O108
No. 7 CAN
Junction Connector
13
2
4
15
1
12
17
6
21
10
16
5
18
7
W
P
R
L
GR
17 OA5
7 OA5
G


O46
Network
Gateway ECU
CA2H
CA2L
CA3H
CA3L
CA1H
CA1L
O8
DLC3
CANH
CANL
10 OA2
22 OA2
10 OA5
19 OA5
O105
No. 2 CAN
Junction Connector
O104
No. 1 CAN
Junction Connector
B
SB
GR
L
G
R
W
BE
LG
P

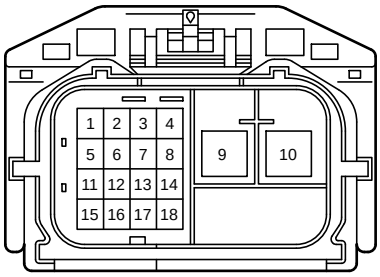

(IG)
7. 5A
METER
(BAT)
10A
MPX–B
NO. 1
2
53 4A
2
1
R
B
LG
32 4C
30 4B
LG
LG
B
20 OA2
7 OA2
B
R
13 B
14 B
CANL
CANH
SPCN
SPSW
A70(A), A71(B)
ECM
25 B
16 A
G
B
28 OA1
22 OA1
G
B
9
10
NORM
PWR
E
NORM
PWR
PUSH
NORMAL
SPORT S/S+
E
16
O78
Combination Switch Assembly
W–B
B
LG
W–B
OA
21 A
22 A
IG+
B
Speaker
Display Driver
I/F
Telltales
5V IC
5V+B
LED Driver
CPU
CAN I/F
CANL
CANH
ES
30 A
29 A
31 A
O3(A)
Combination Meter Assembly
B
LG
BR
BR
OC

A15
Black



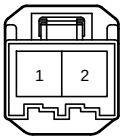
90980-12686

A18
Black



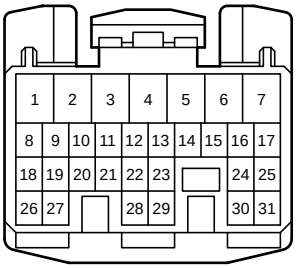
90980-12573

A56
White



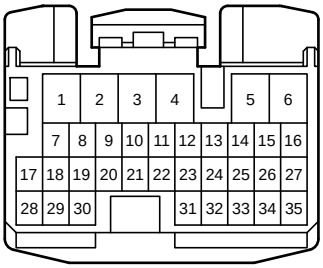
82824-30590

A70
White



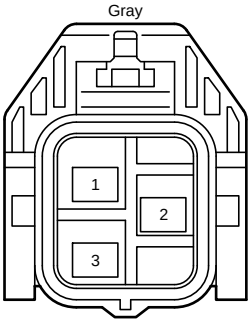
90980-12525

A71
White



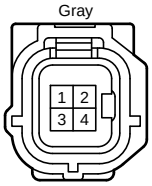
90980-12529

C1
Gray



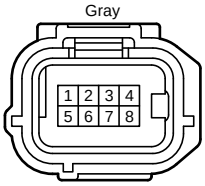
90980-12648

C2
Gray



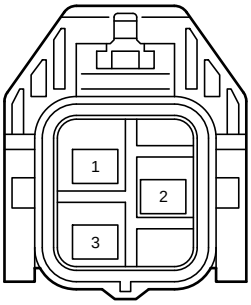
90980-12495

C3
Gray



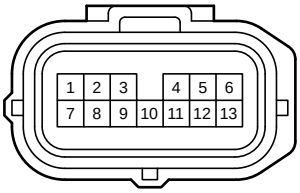
90980-12520

C4
Black



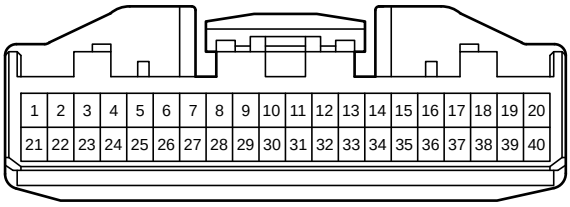
90980-12648

C5
Black



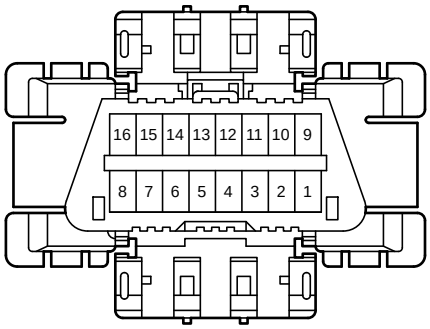
90980-12326

O3
Black



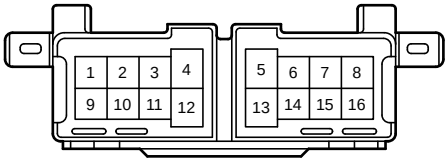
90980-12557

O8
White



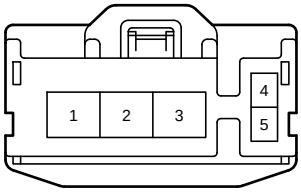
90980-11665

O14
White



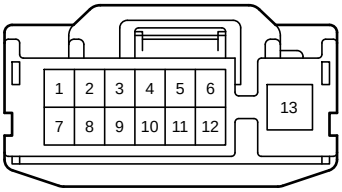
90980-11547

O15
White



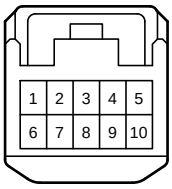
82824-30570

O16
White



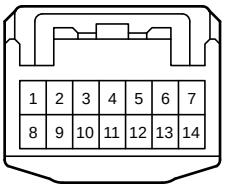
82824-30580

O17
White



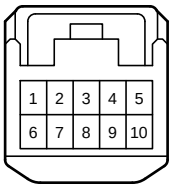
90980-12368

O25
Black



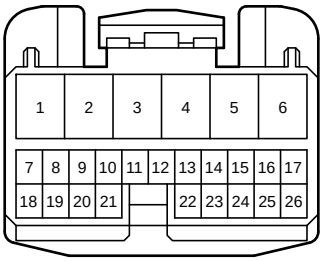
90980-12370

O29
White



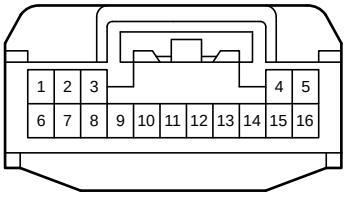
90980-12368

O38
Black



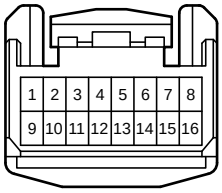
82824-50310

O46
White



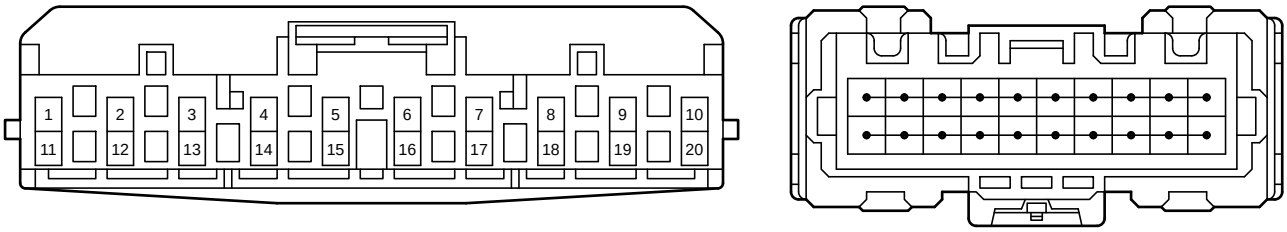
90980-12423

O78
Black



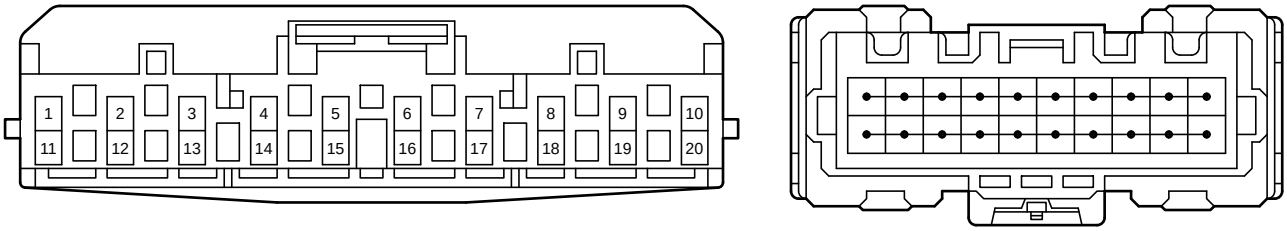
90980-12553

O104
White



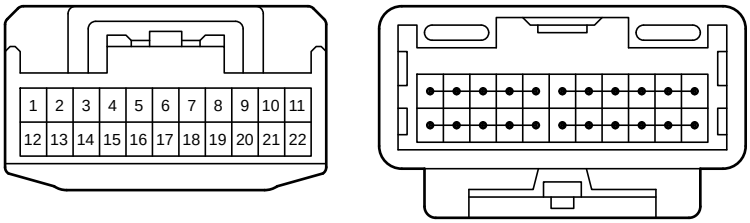
90980-12A58

O105
White



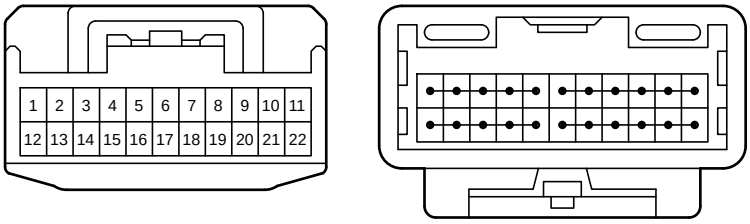
90980-12A58

O106
Black



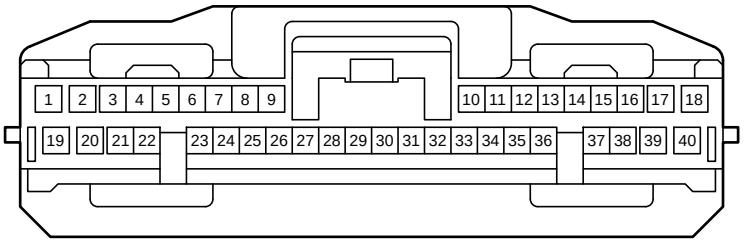
90980-12372

O108
Black



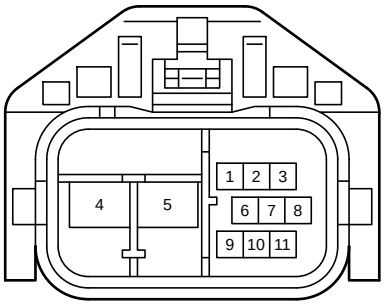
90980-12372

Q1
White



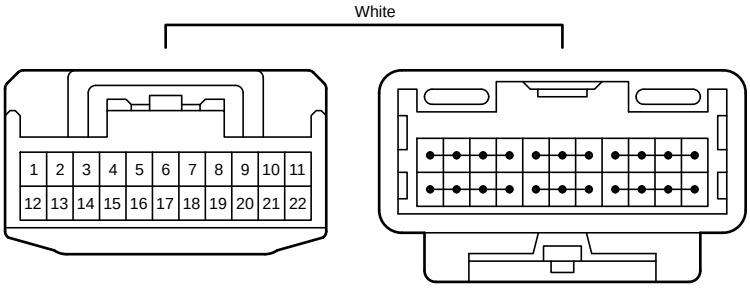
90980-12708

U1
Black



90980-12483

U53
White



90980-12372

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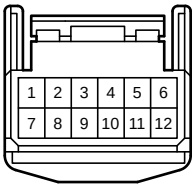

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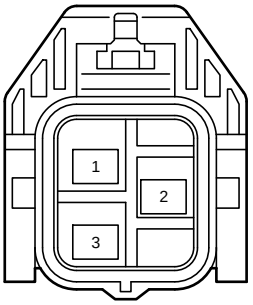

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z12
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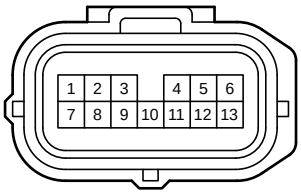

90980-12326

z13
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90980-12519

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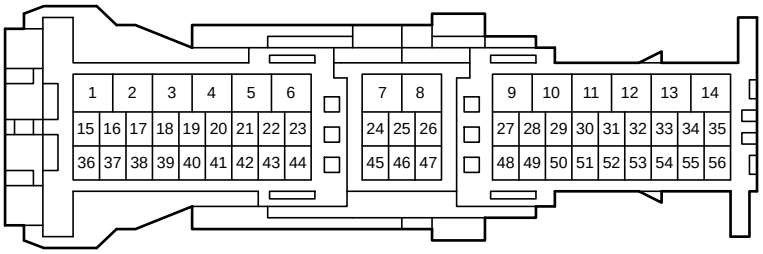

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4B
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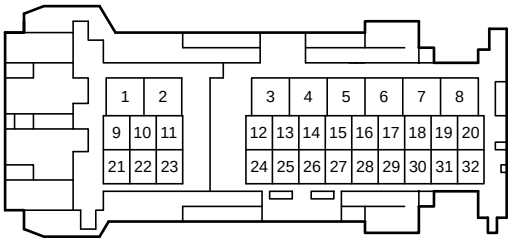

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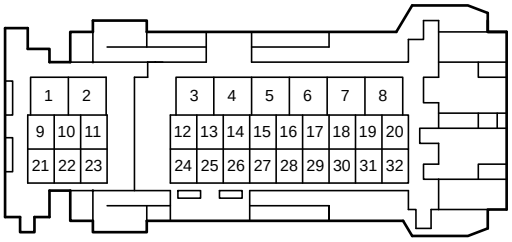

90980-12A47

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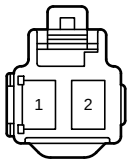
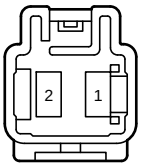


90980-10903



90980-10958

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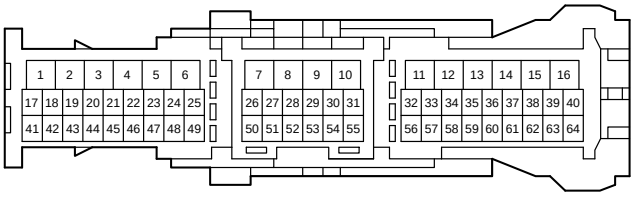
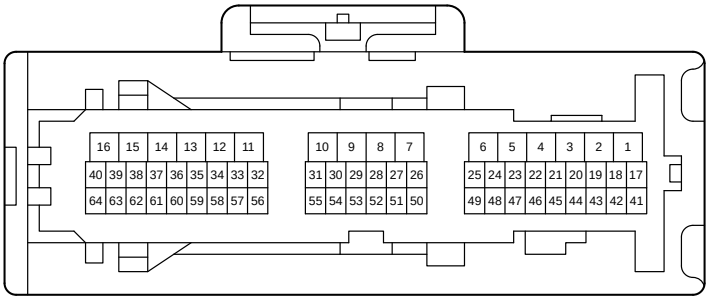


90980-12774



90980-12798

OA2
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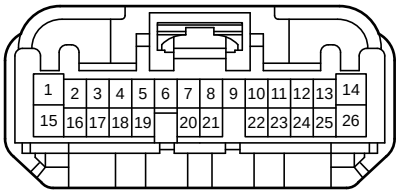
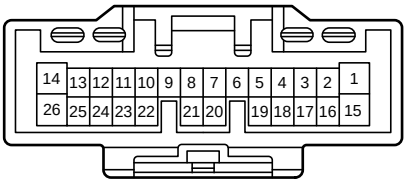


82824-24090



82824-24080

OA5
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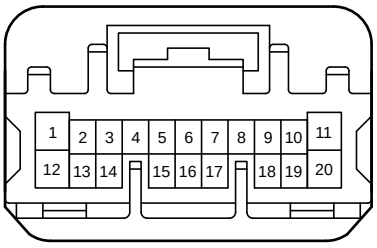
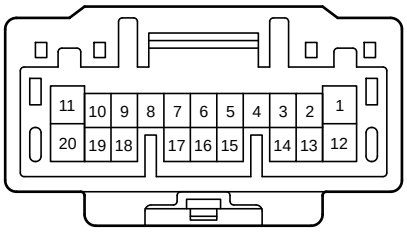


90980-12741



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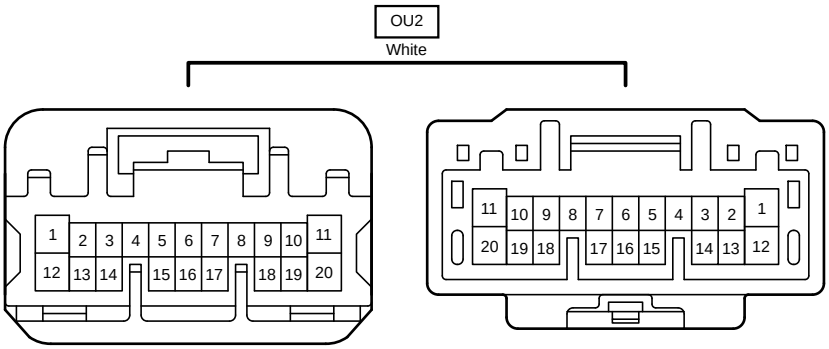

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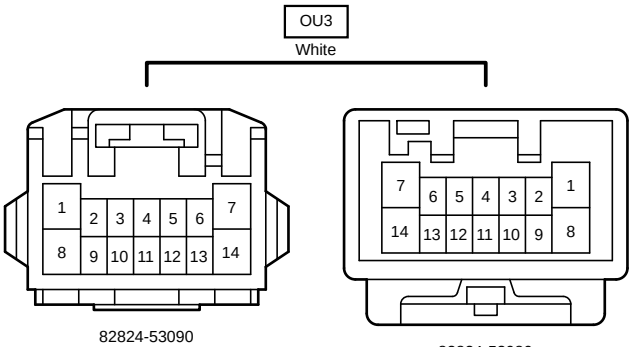
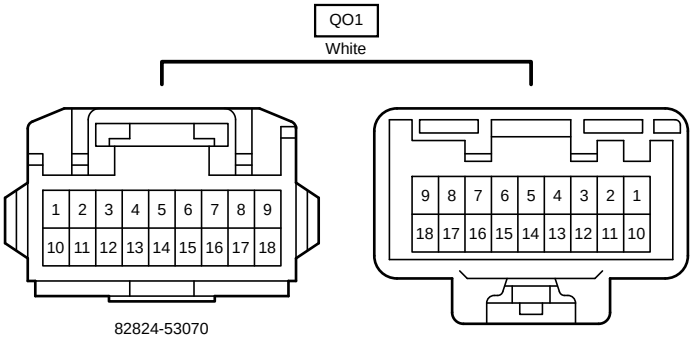


82824-53090

82824-53080



82824-53070

82824-53060