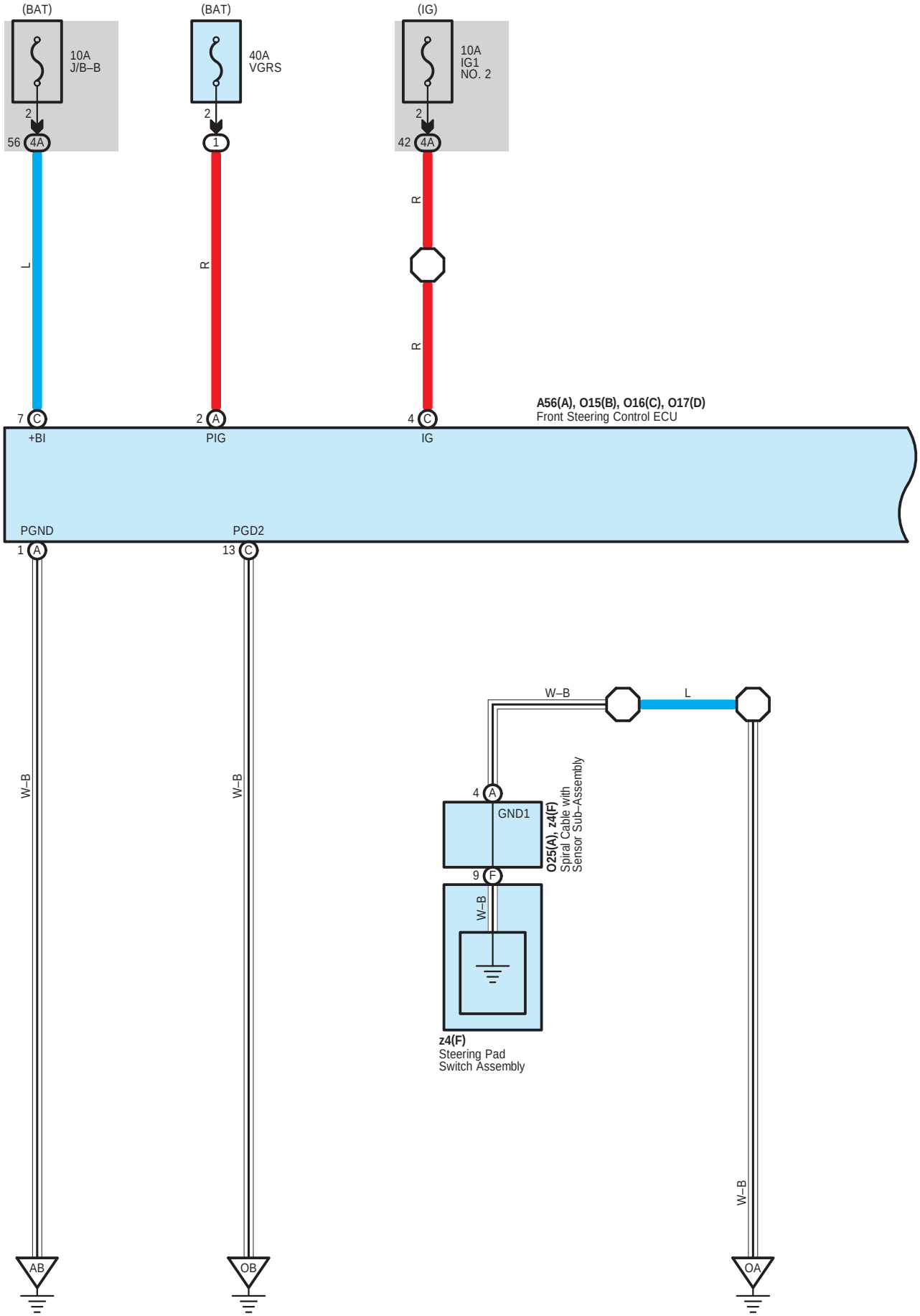
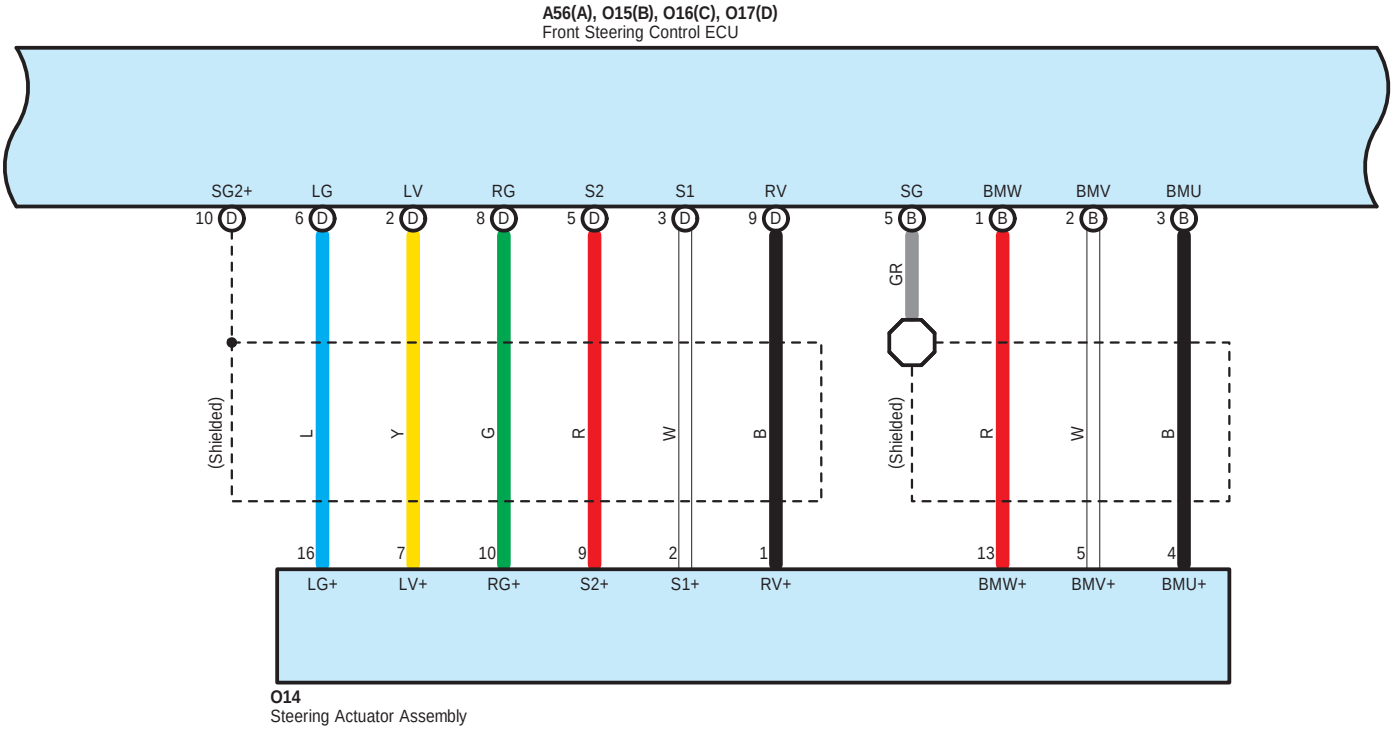
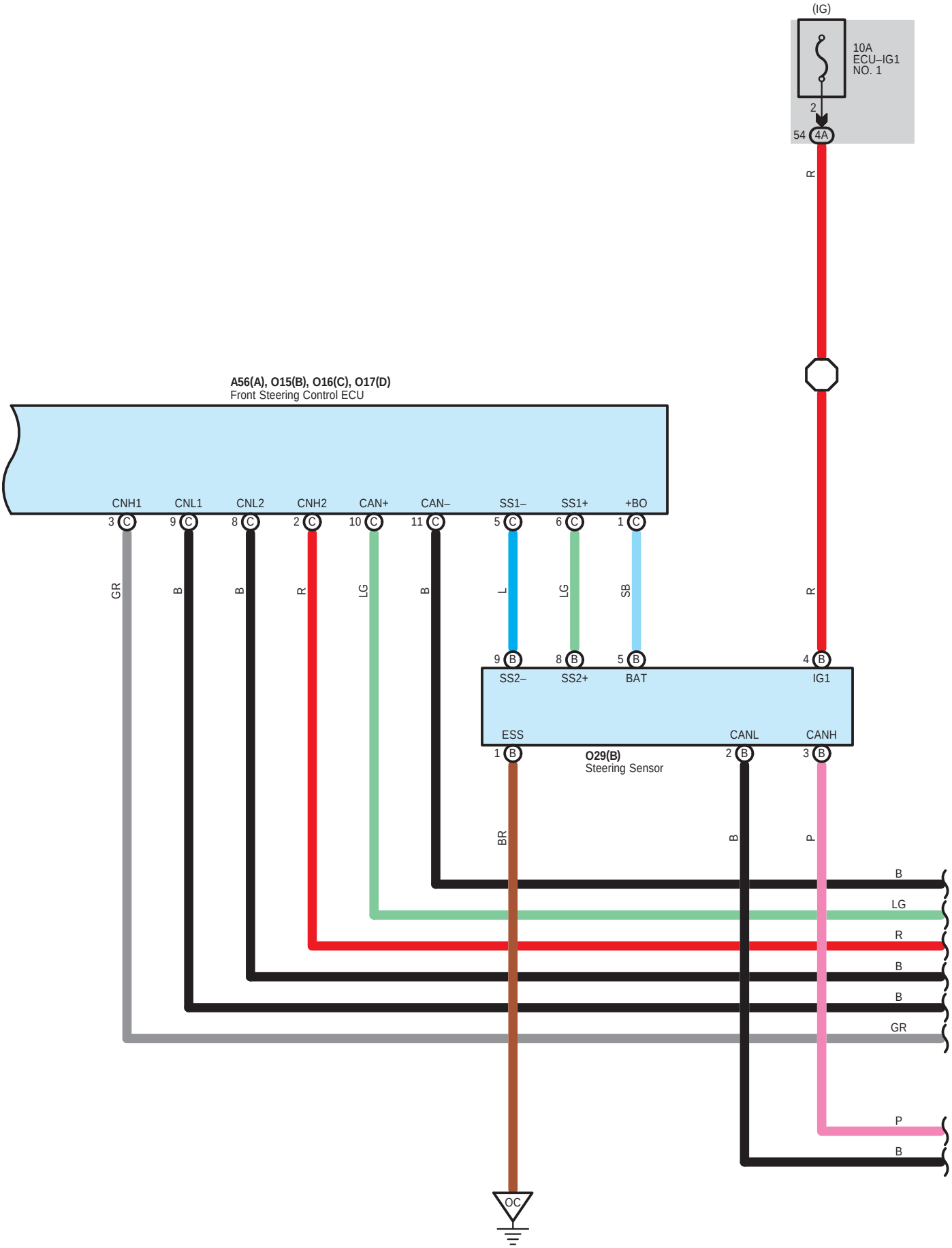
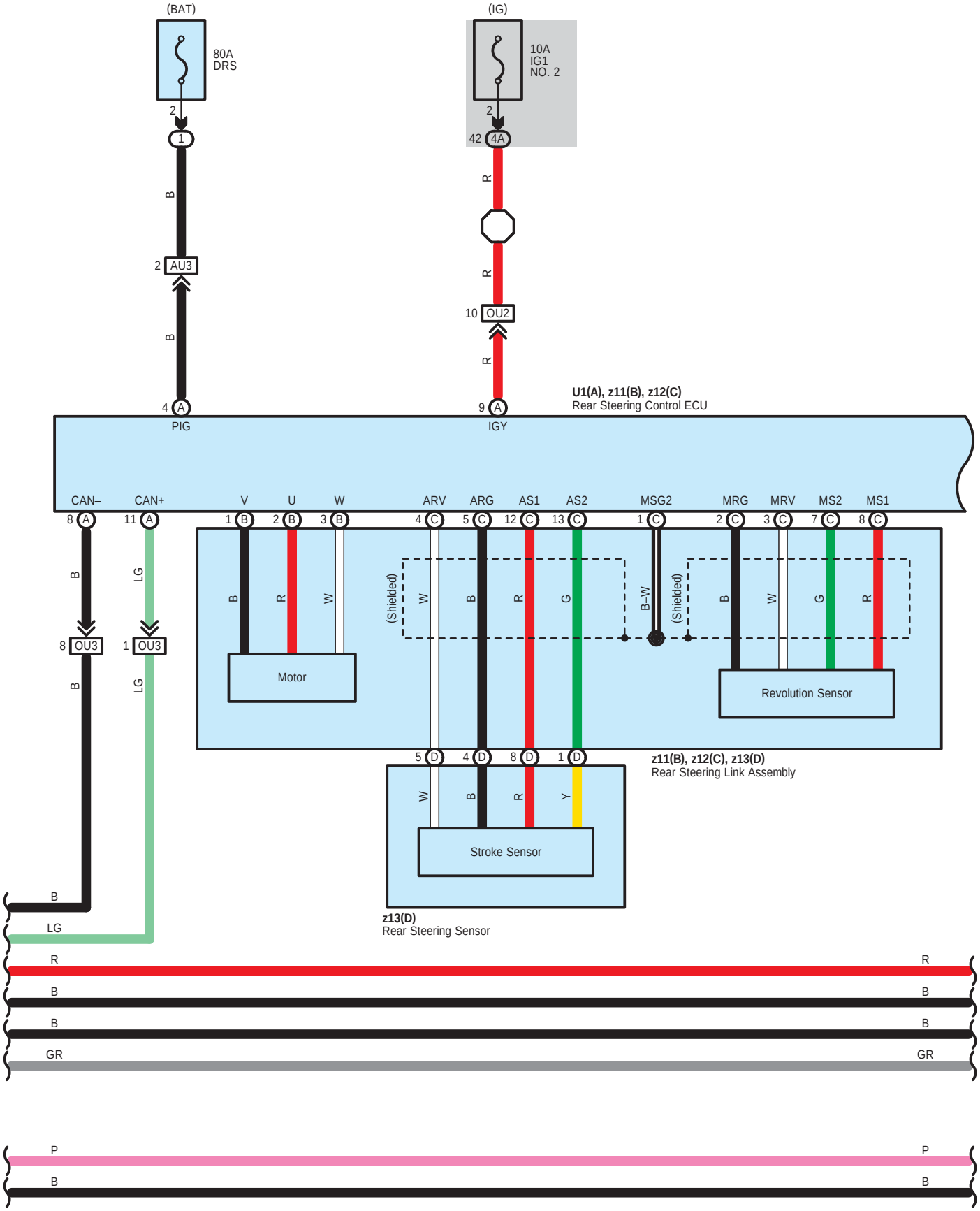
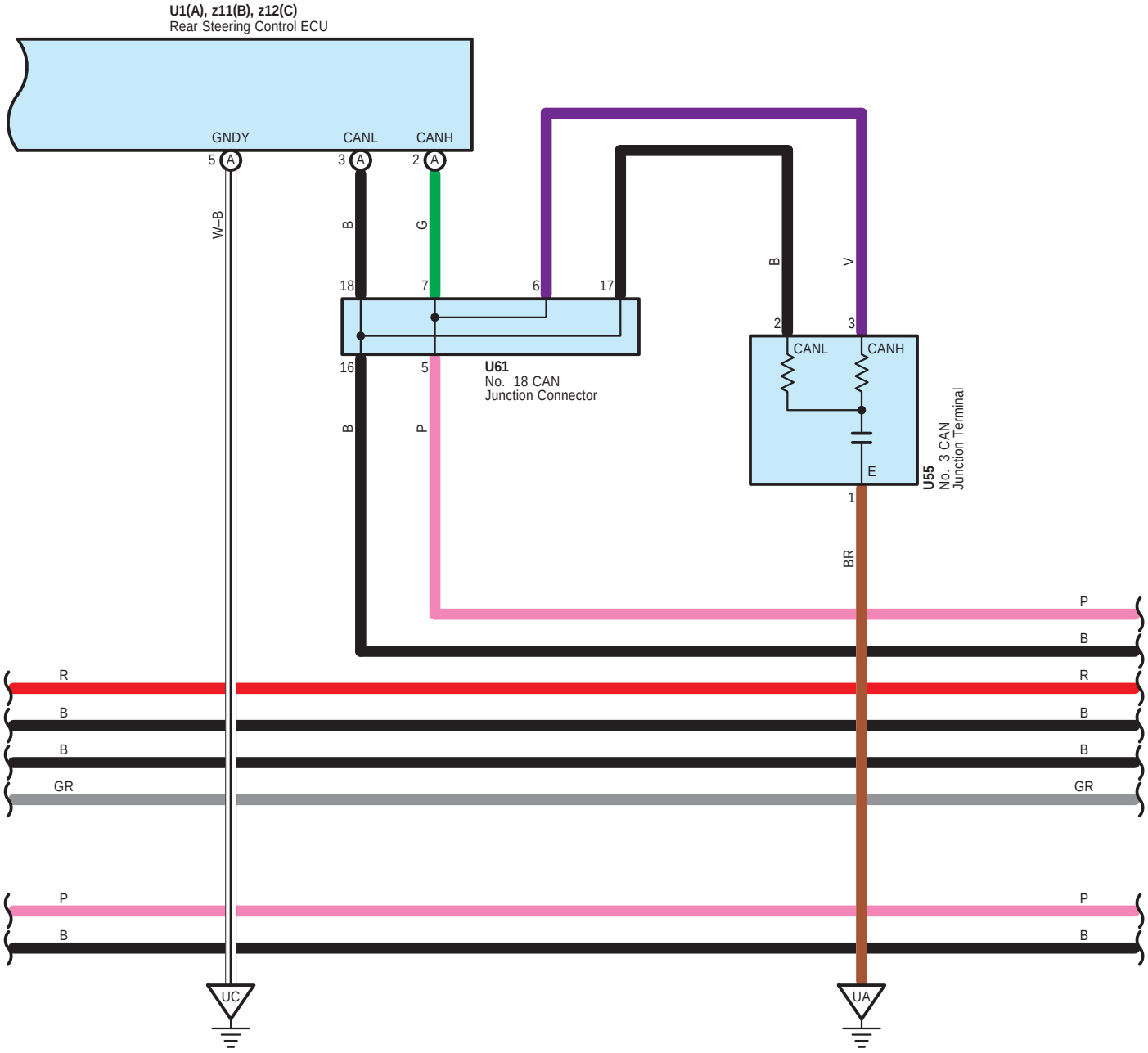
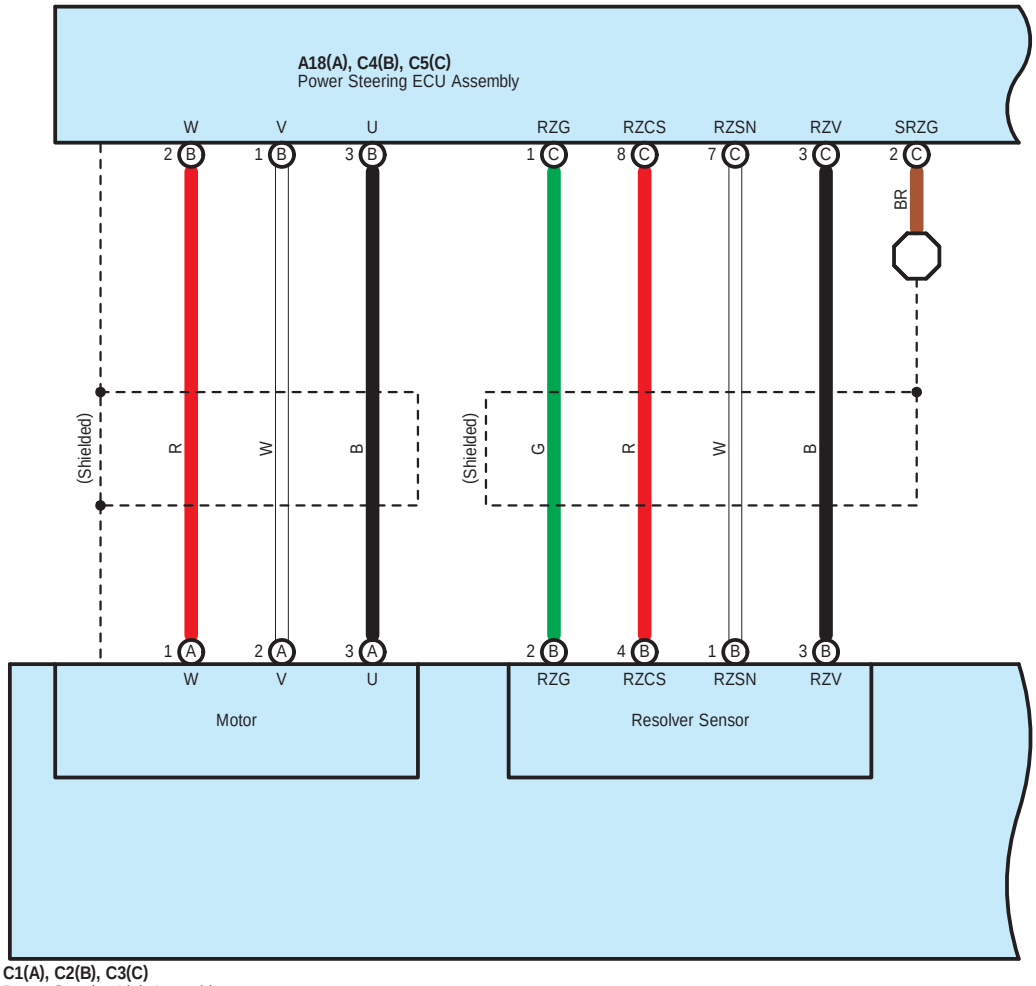

(BAT)
10A
J/B–B
2
56 4A
L
7 C
+BI
(BAT)
40A
VGRS
2
1
R
2 A
PIG
(IG)
10A
IG1
NO. 2
2
42 4A
R
R
4 C
IG
A56(A), O15(B), O16(C), O17(D)
Front Steering Control ECU
PGND
1 A
W–B
AB
PGD2
13 C
W–B
OB
W–B
L
4 A
GND1
9 F
O25(A), z4(F)
Spiral Cable with
Sensor Sub–Assembly
W–B
z4(F)
Steering Pad
Switch Assembly
W–B
OA


A56(A), O15(B), O16(C), O17(D)
Front Steering Control ECU
SG2+
LG
LV
RG
S2
S1
RV
SG
BMW
BMV
BMU
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

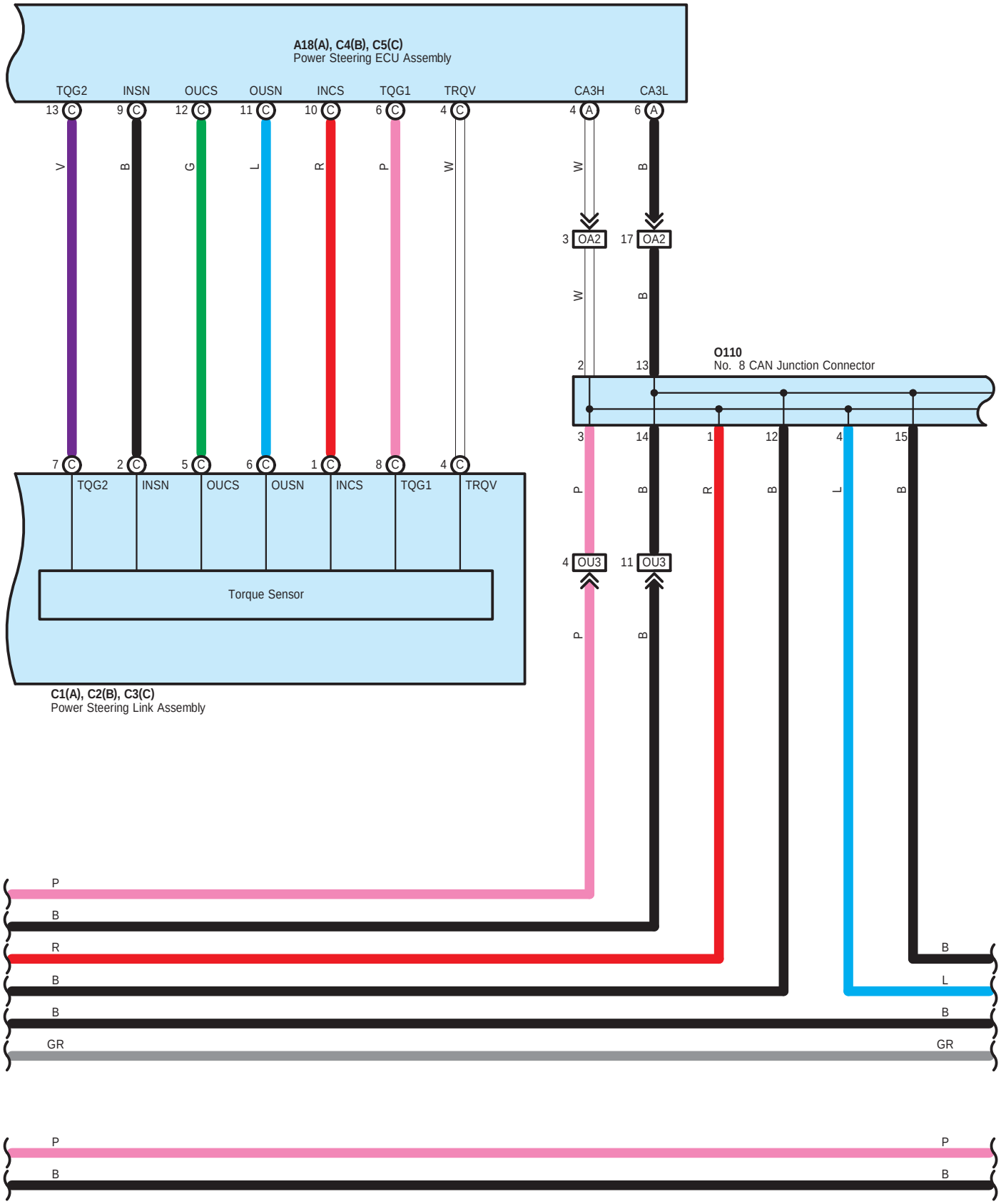

(IG)
10A
ECU–IG1
NO. 1
2
54 4A
R
A56(A), O15(B), O16(C), O17(D)
Front Steering Control ECU
CNH1
CNL1
CNL2
CNH2
CAN+
CAN–
SS1–
SS1+
+BO
3 C
9 C
8 C
2 C
10 C
11 C
5 C
6 C
1 C
GR
B
B
R
LG
B
L
LG
SB
R
9 B
8 B
5 B
4 B
SS2–
SS2+
BAT
IG1
ESS
CANL
CANH
1 B
2 B
3 B
O29(B)
Steering Sensor
BR
B
P
B
LG
R
B
B
GR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

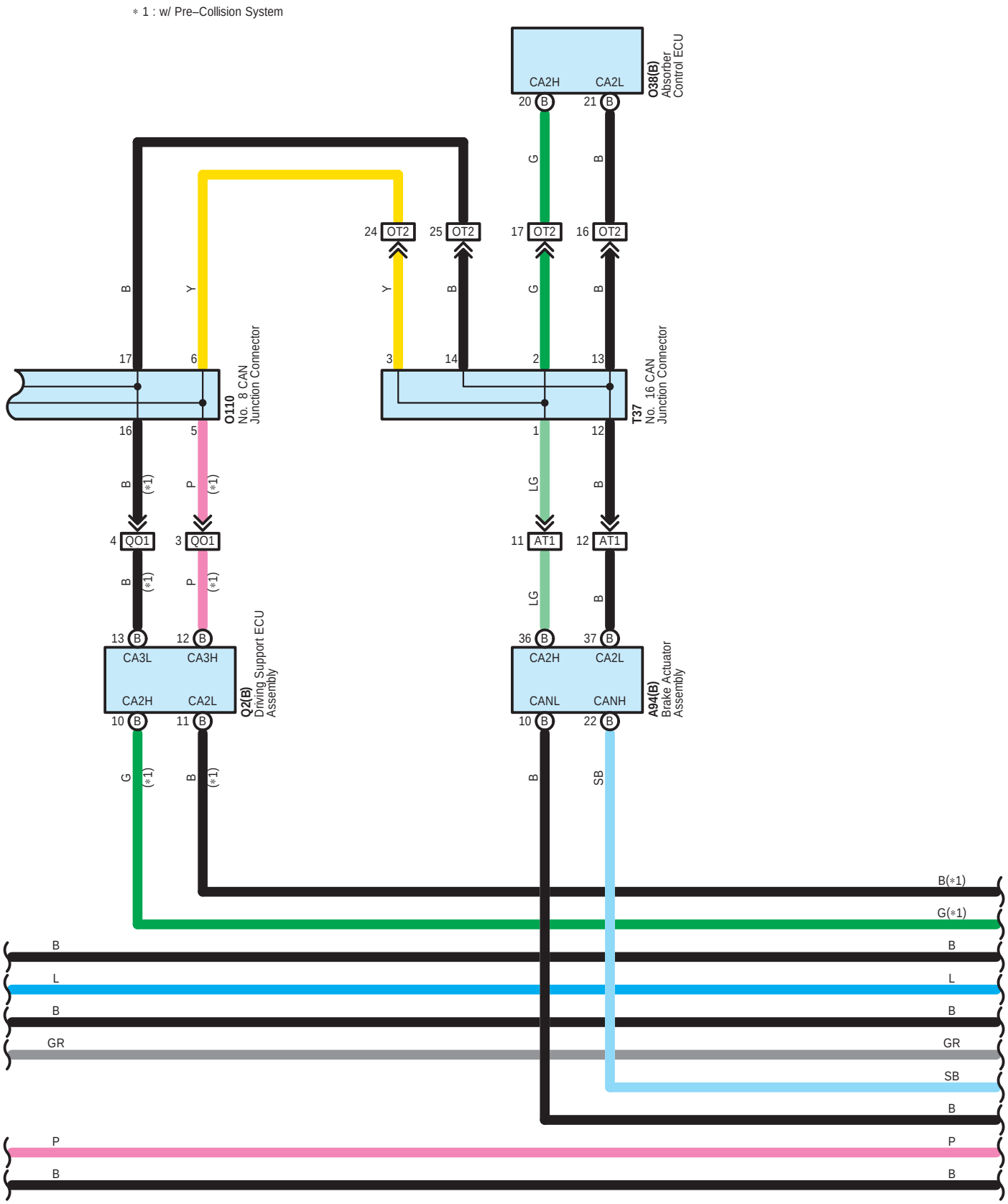

(BAT)
80A
DRS
(IG)
10A
IG1
NO. 2
AU3
OU2
U1(A), z11(B), z12(C)
Rear Steering Control ECU
PIG
IGY
CAN–
CAN+
V
U
W
ARV
ARG
AS1
AS2
MSG2
MRG
MRV
MS2
MS1
OU3
(Shielded)
B–W
Motor
Revolution Sensor
z11(B), z12(C), z13(D)
Rear Steering Link Assembly
Stroke Sensor
z13(D)
Rear Steering Sensor

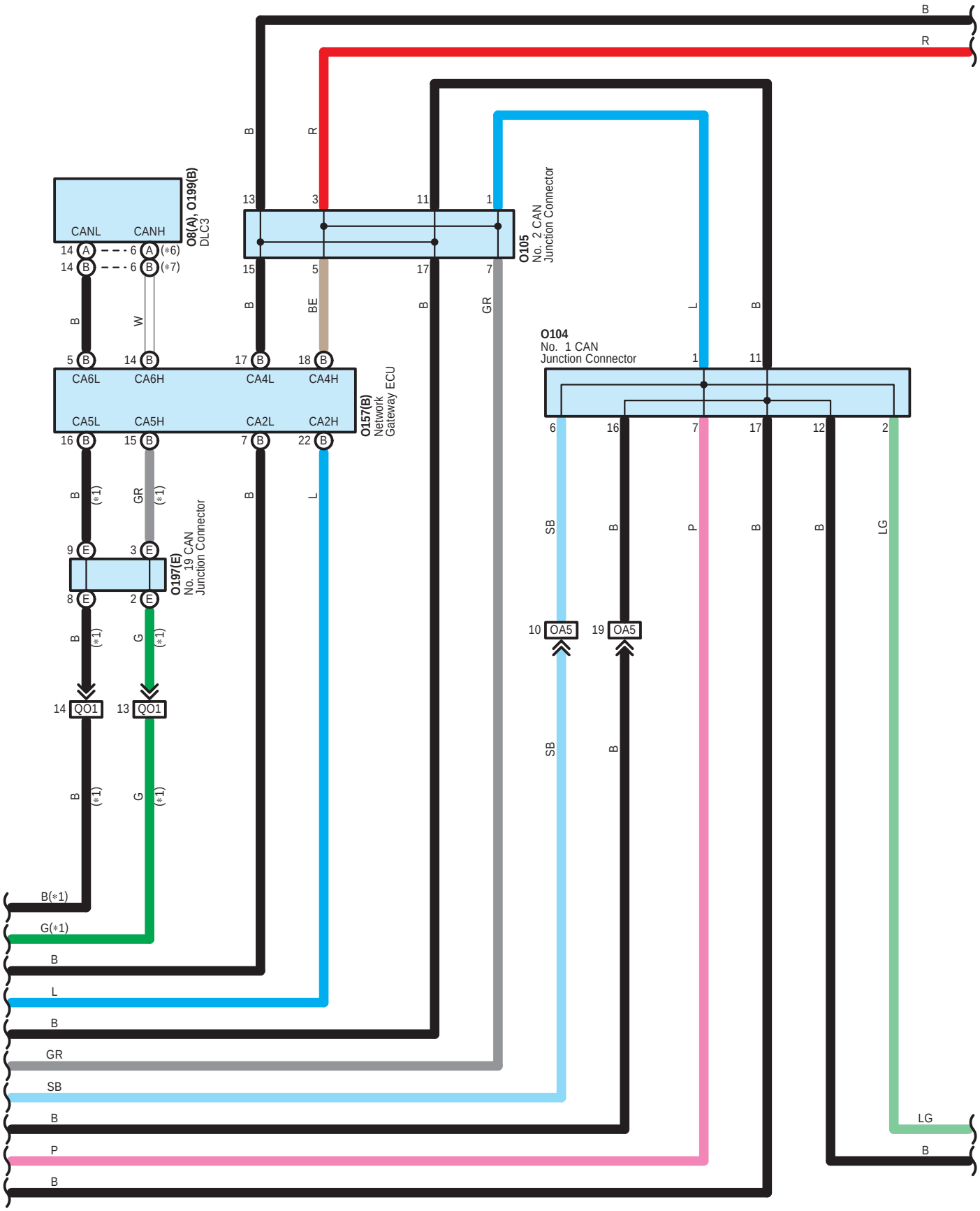

U1(A), z11(B), z12(C)
Rear Steering Control ECU
GNDY
CANL
CANH
5 A
3 A
2 A
W–B
B
G
18
7
6
17
16
5
U61
No. 18 CAN
Junction Connector
B
P
B
V
2
3
CANL
CANH
E
1
U55
No. 3 CAN
Junction Terminal
BR
P
B
R
B
B
GR
R
B
B
GR
P
B
P
B
UC
UA

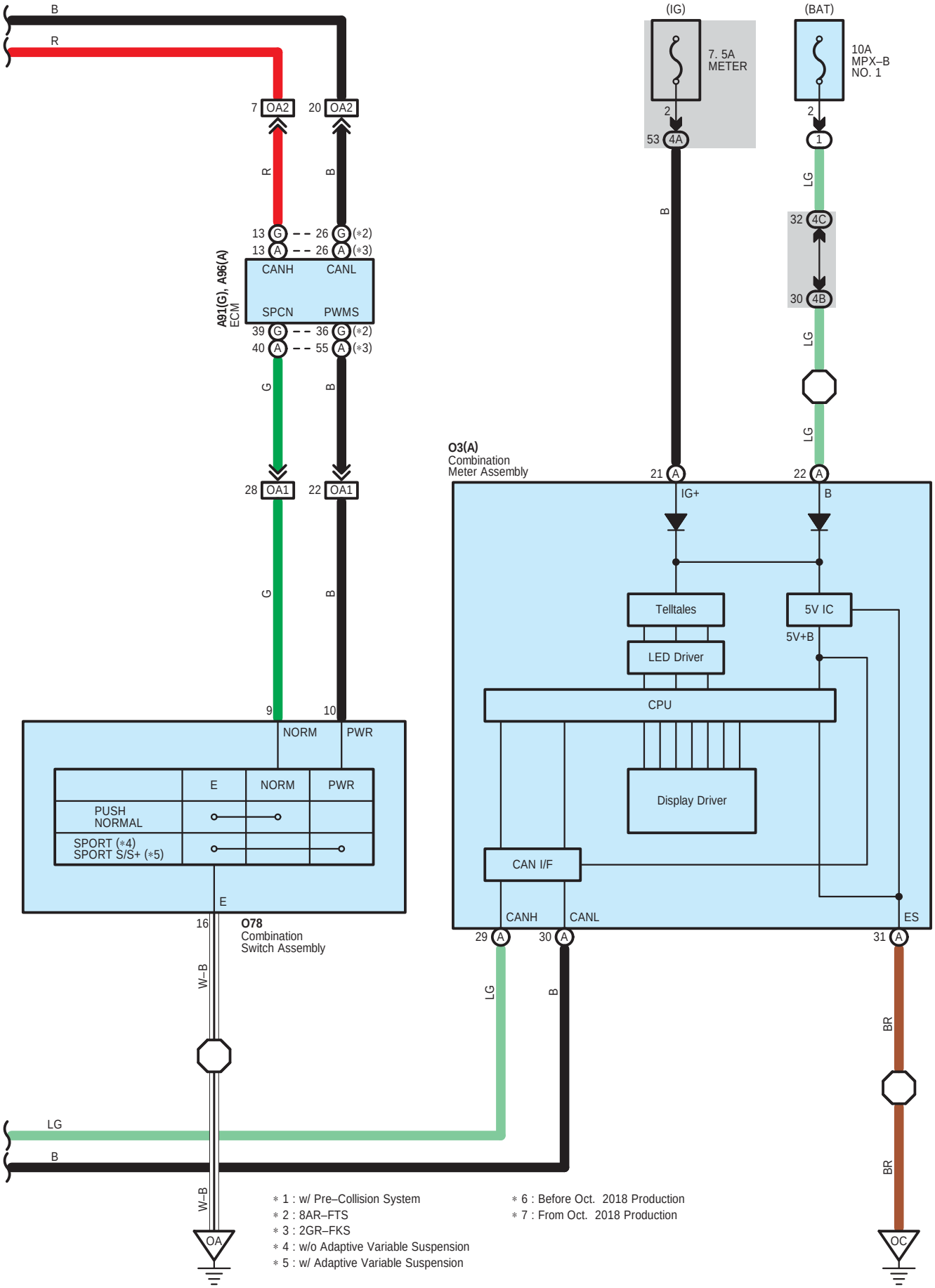


C1(A), C2(B), C3(C)
Power Steering Link Assembly


A18(A), C4(B), C5(C)
Power Steering ECU Assembly
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
CA3H
CA3L
13 C
9 C
12 C
11 C
10 C
6 C
4 C
4 A
6 A
V
B
G
L
R
P
W
W
B
3 OA2
17 OA2
W
B
2
13
O110
No. 8 CAN Junction Connector
3
14
1
12
4
15
7 C
2 C
5 C
6 C
1 C
8 C
4 C
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
P
B
R
B
L
B
Torque Sensor
4 OU3
11 OU3
P
B
C1(A), C2(B), C3(C)
Power Steering Link Assembly
P
B
R
B
B
GR
B
L
B
GR
P
B
P
B

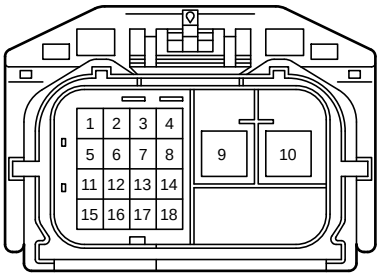

∗ 1 : w/ Pre–Collision System
O38(B)
Absorber
Control ECU
CA2H
CA2L
20
21
G
B
24
OT2
25
OT2
17
OT2
16
OT2
B
Y
Y
B
G
B
17
6
3
14
2
13
O110
No. 8 CAN
Junction Connector
T37
No. 16 CAN
Junction Connector
16
5
1
12
B
(∗1)
P
(∗1)
LG
B
4
QO1
3
QO1
11
AT1
12
AT1
B
(∗1)
P
(∗1)
LG
B
13
12
36
37
CA3L
CA3H
CA2H
CA2L
Q2(B)
Driving Support ECU
Assembly
CA2H
CA2L
CANL
CANH
A94(B)
Brake Actuator
Assembly
10
11
10
22
G
(∗1)
B
(∗1)
B
SB
B(∗1)
G(∗1)
B
B
L
L
B
B
GR
GR
SB
B
P
P
B
B


O8(A), O199(B)
DLC3
CANL
CANH
O105
No. 2 CAN
Junction Connector
O104
No. 1 CAN
Junction Connector
O157(B)
Network
Gateway ECU
CA6L
CA6H
CA4L
CA4H
CA5L
CA5H
CA2L
CA2H
O197(E)
No. 19 CAN
Junction Connector
QO1
OA5
B(*1)
G(*1)
B
L
GR
SB
P
LG
R
BE
W
G



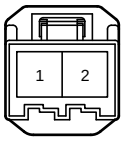
* 1 : w/ Pre–Collision System
* 2 : 8AR–FTS
* 3 : 2GR–FKS
* 4 : w/o Adaptive Variable Suspension
* 5 : w/ Adaptive Variable Suspension
* 6 : Before Oct. 2018 Production
* 7 : From Oct. 2018 Production

A18
Black



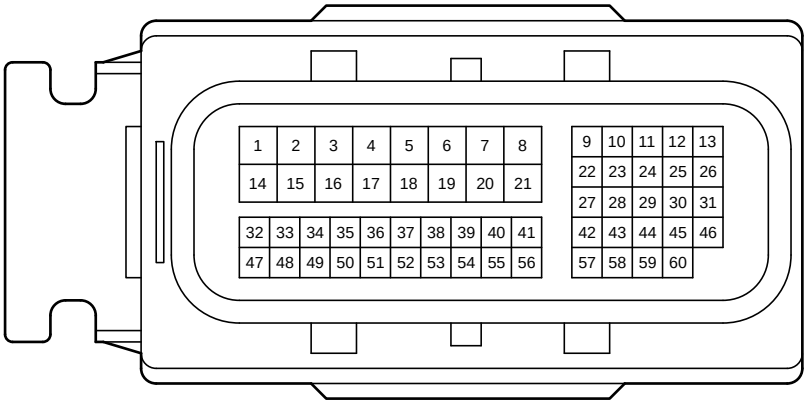
90980-12573

A56
White



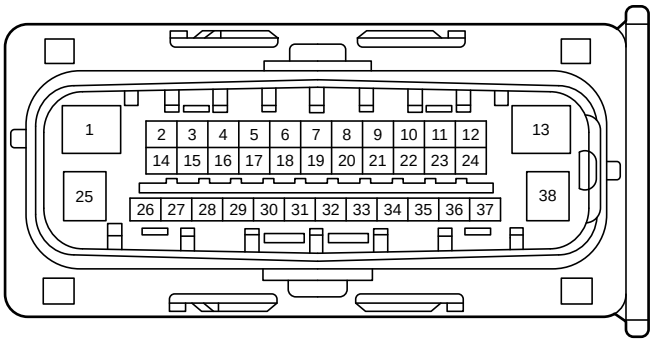
82824-30590

A91
Black



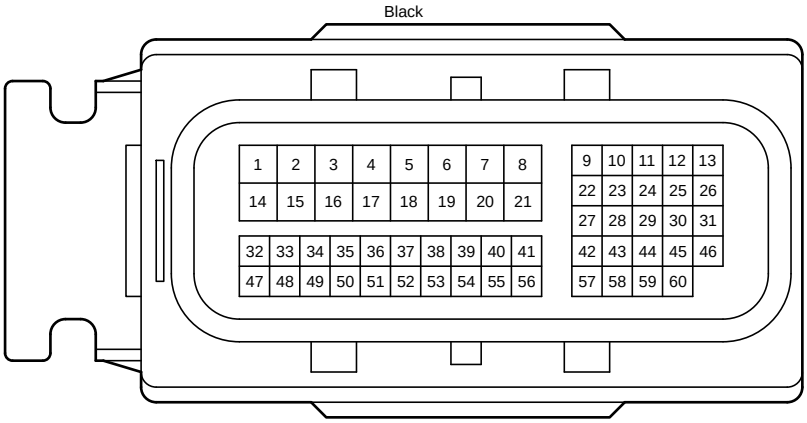
90980-12931

A94
Black



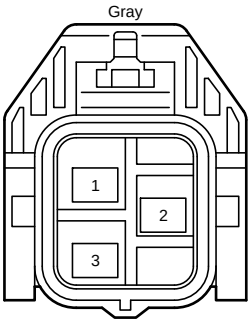
90980-12B01

A96
Black



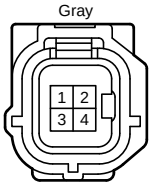
90980-12931

C1
Gray



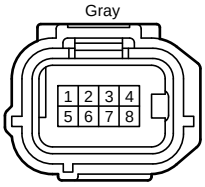
90980-12648

C2
Gray



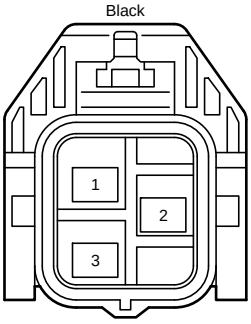
90980-12495

C3
Gray



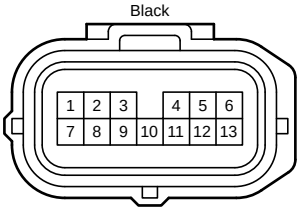
90980-12520

C4
Black



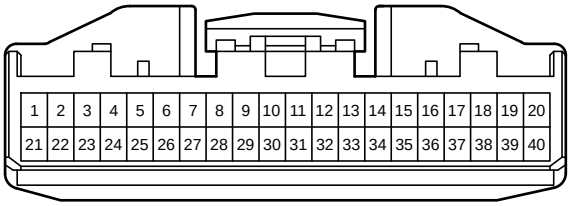
90980-12648

C5
Black



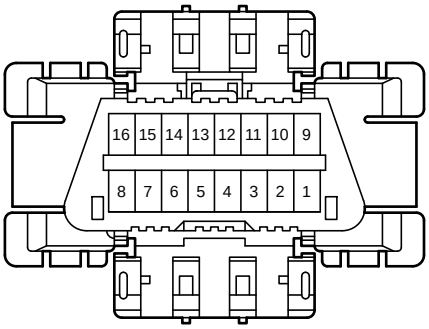
90980-12326

O3
Black



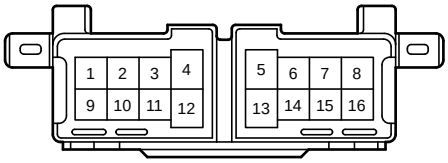
90980-12557

O8
White



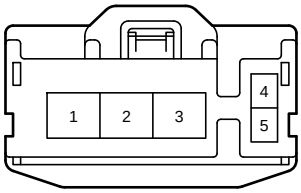
90980-11665

O14
White



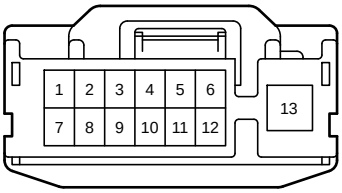
90980-11547

O15
White



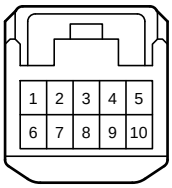
82824-30570

O16
White



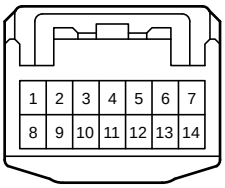
82824-30580

O17
White



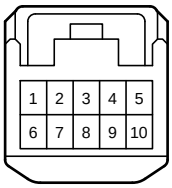
90980-12368

O25
Black



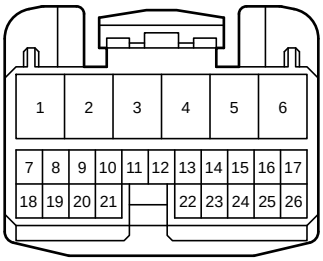
90980-12370

O29
White



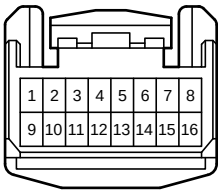
90980-12368

O38
Black



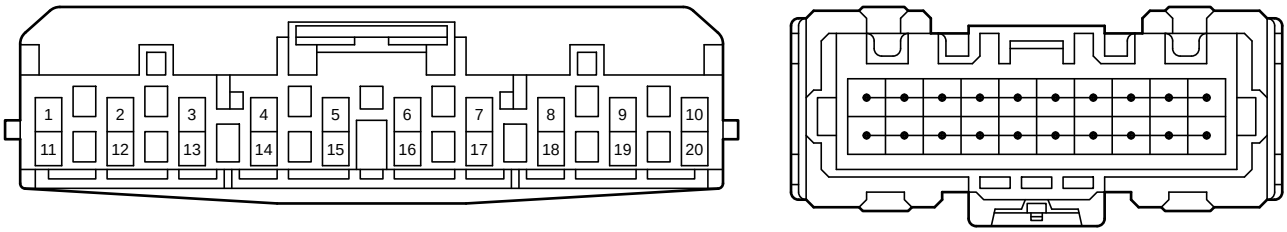
82824-50310

O78
Black



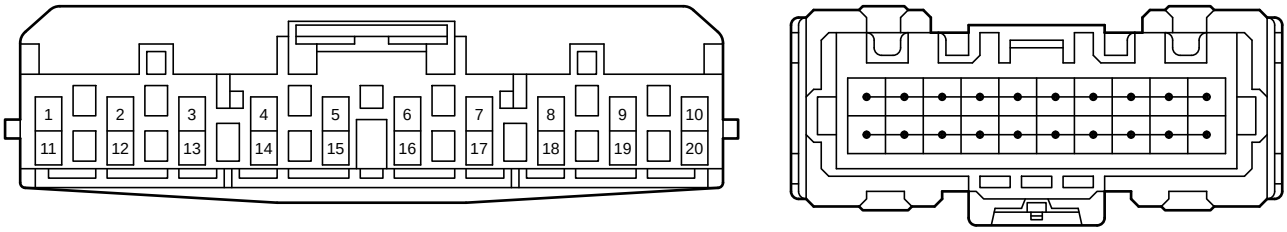
90980-12553

O104
White



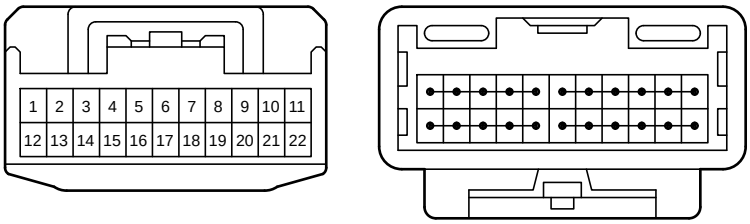
90980-12A58

O105
White



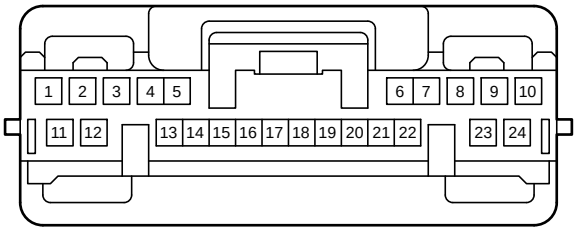
90980-12A58

O110
Black



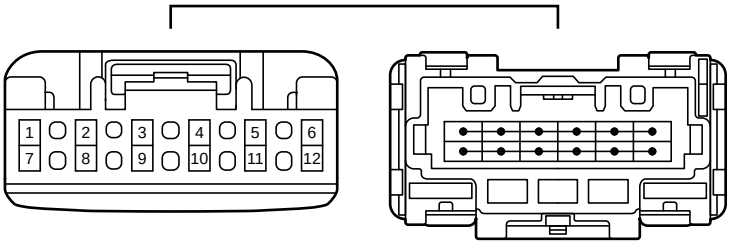
90980-12372

O157
Black



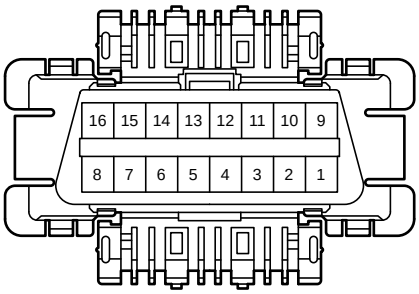
90980-12912

O197
White



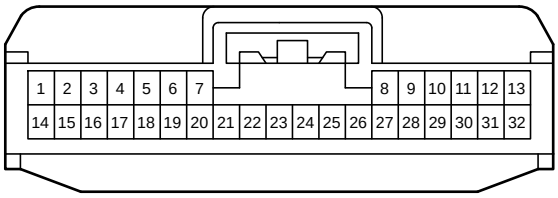
90980-12C68

O199
White



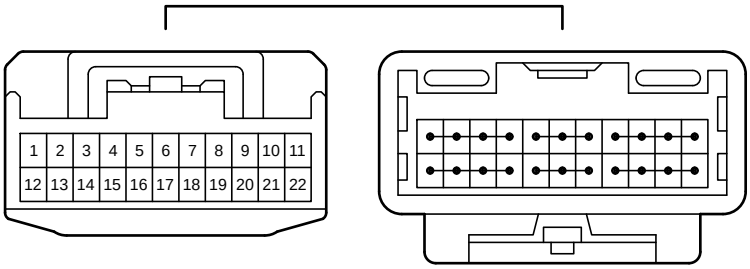
90980-12D97

Q2
White



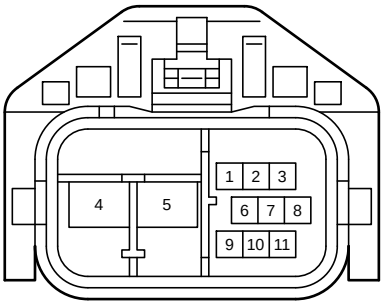
90980-12422

T37
Black



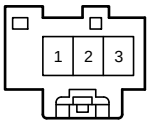
90980-12372

U1
Black



90980-12483

U55
White



82824-30470

U61
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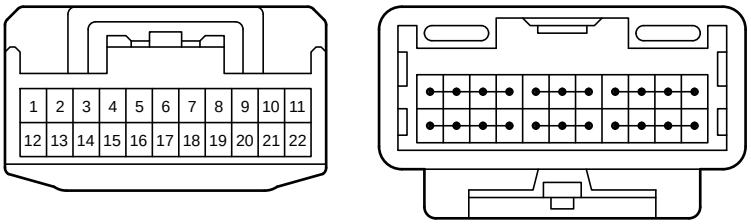

90980-12372

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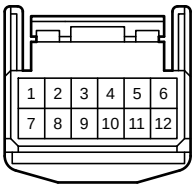

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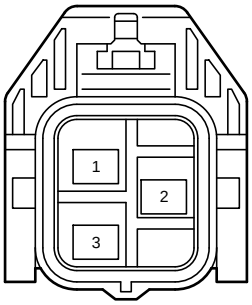

90980-12648

z12
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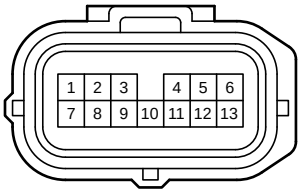

90980-12326

z13
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90980-12519

4A
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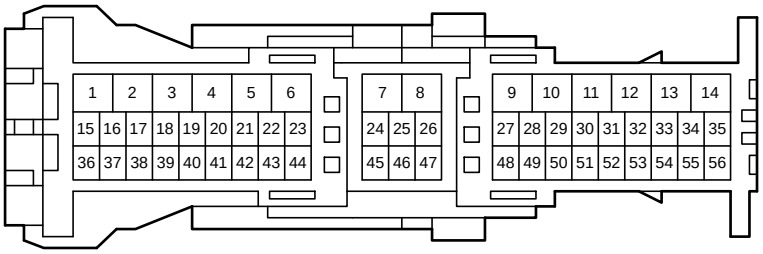

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4B
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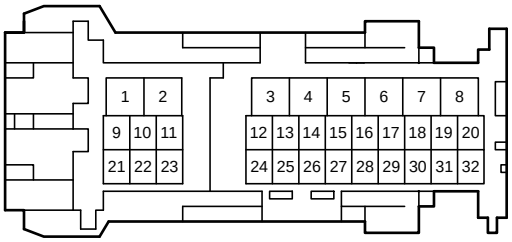

90980-12A48

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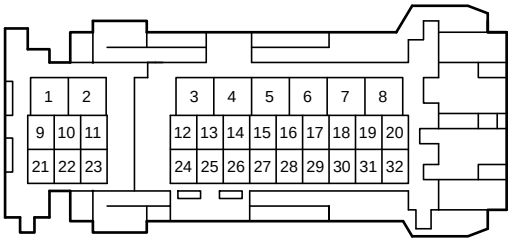

90980-12A47

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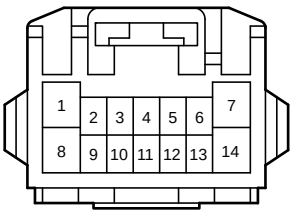
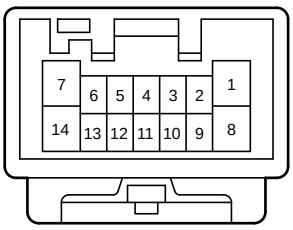


82824-53090



82824-53080

AU3
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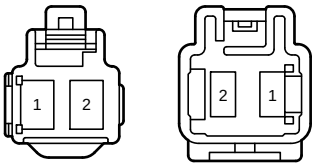

90980-10903 90980-10958

OA1
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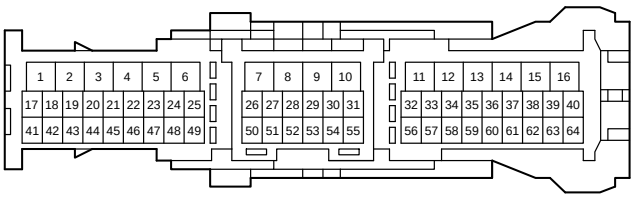

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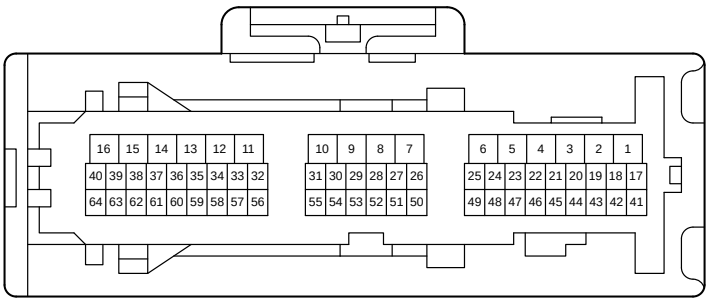

90980-12798

OA2
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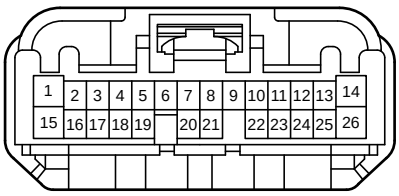
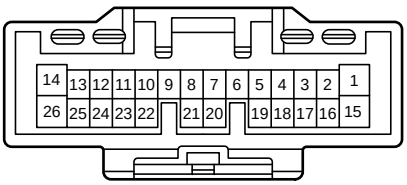


82824-24090



82824-24080

OA5
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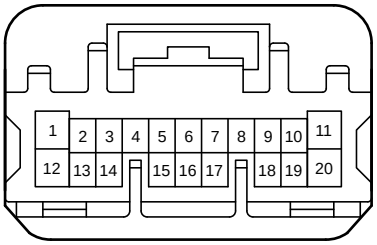

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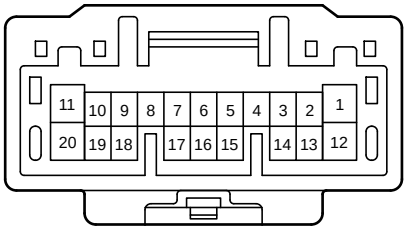

90980-12740

OT2
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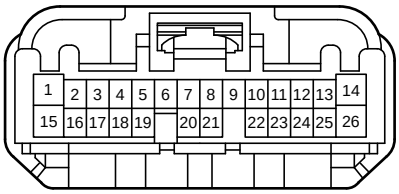

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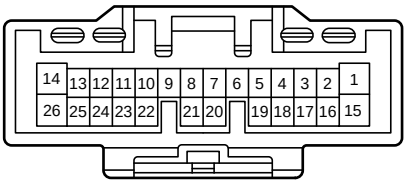
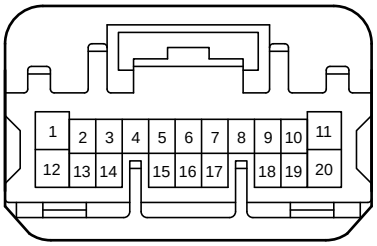


82824-24080

OU2
White



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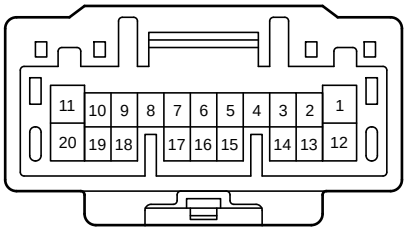

90980-12740

OU3
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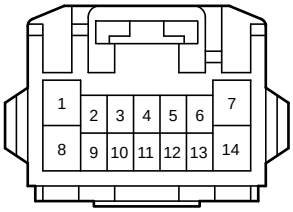

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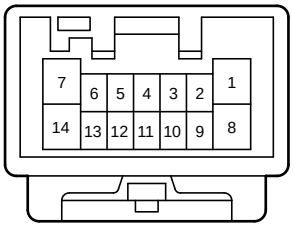

82824-53080

QO1
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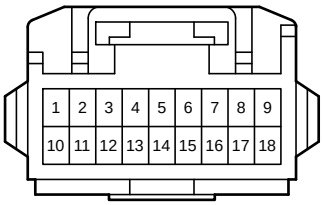

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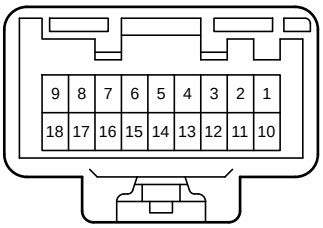

82824-53060