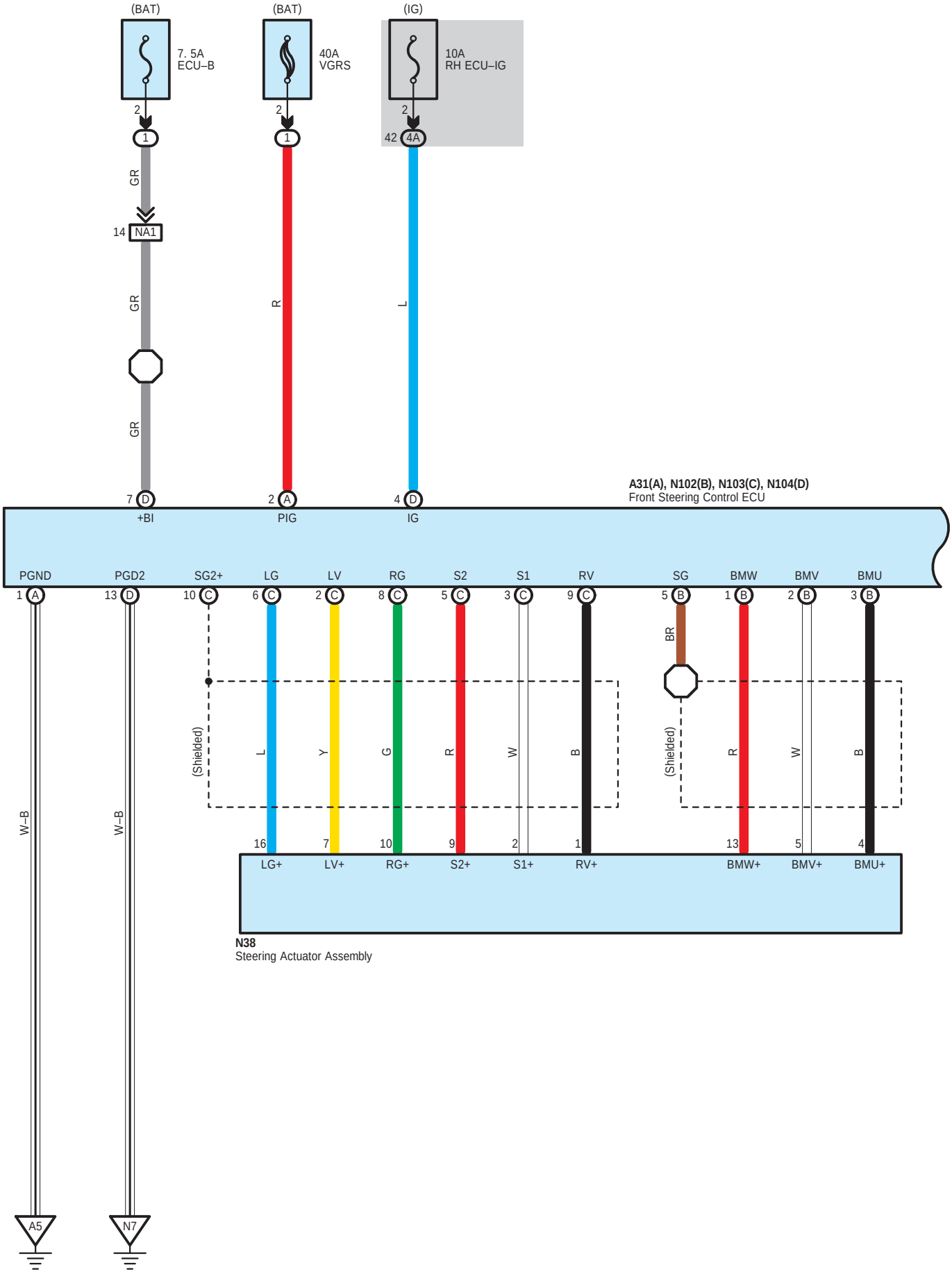
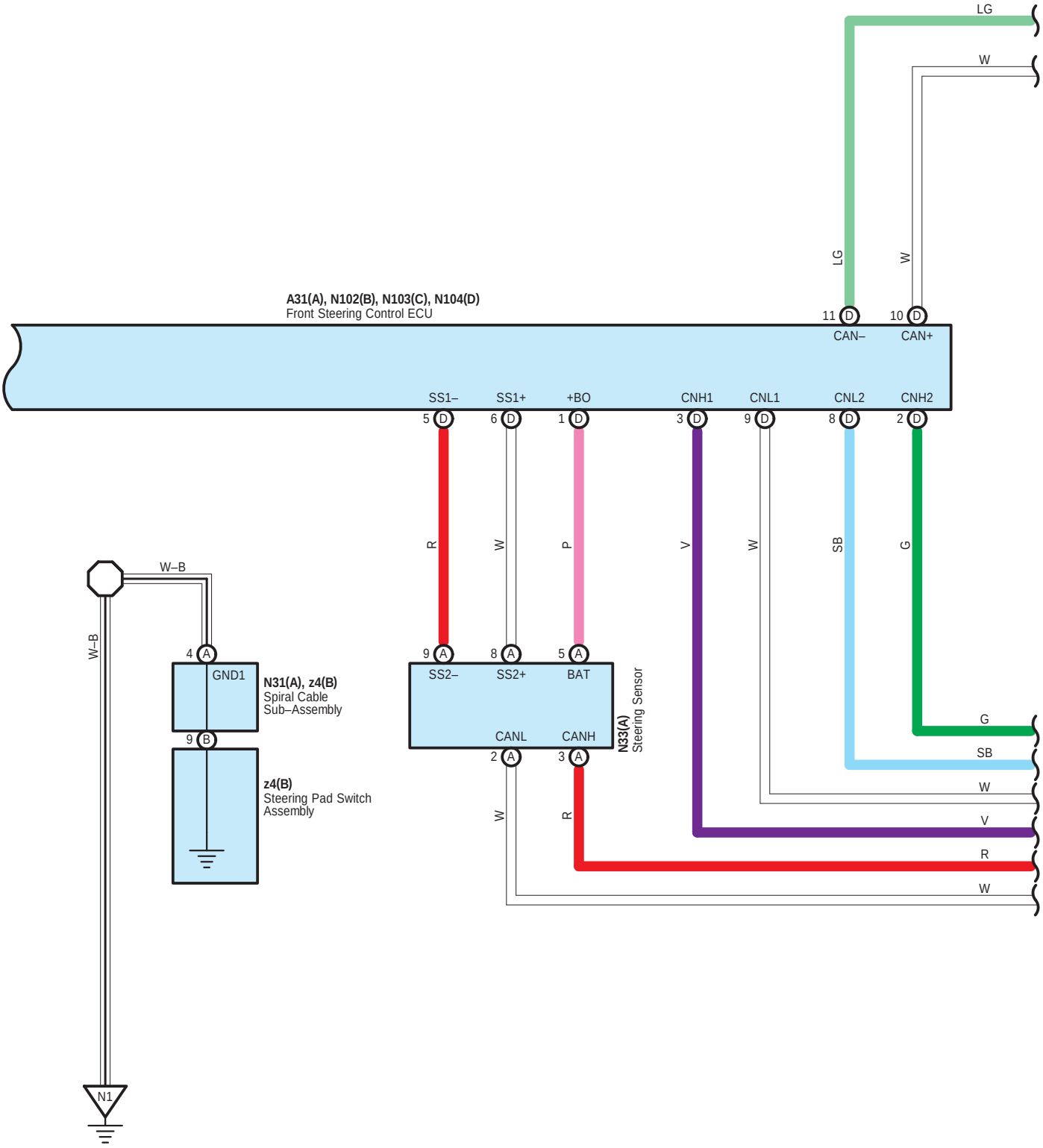
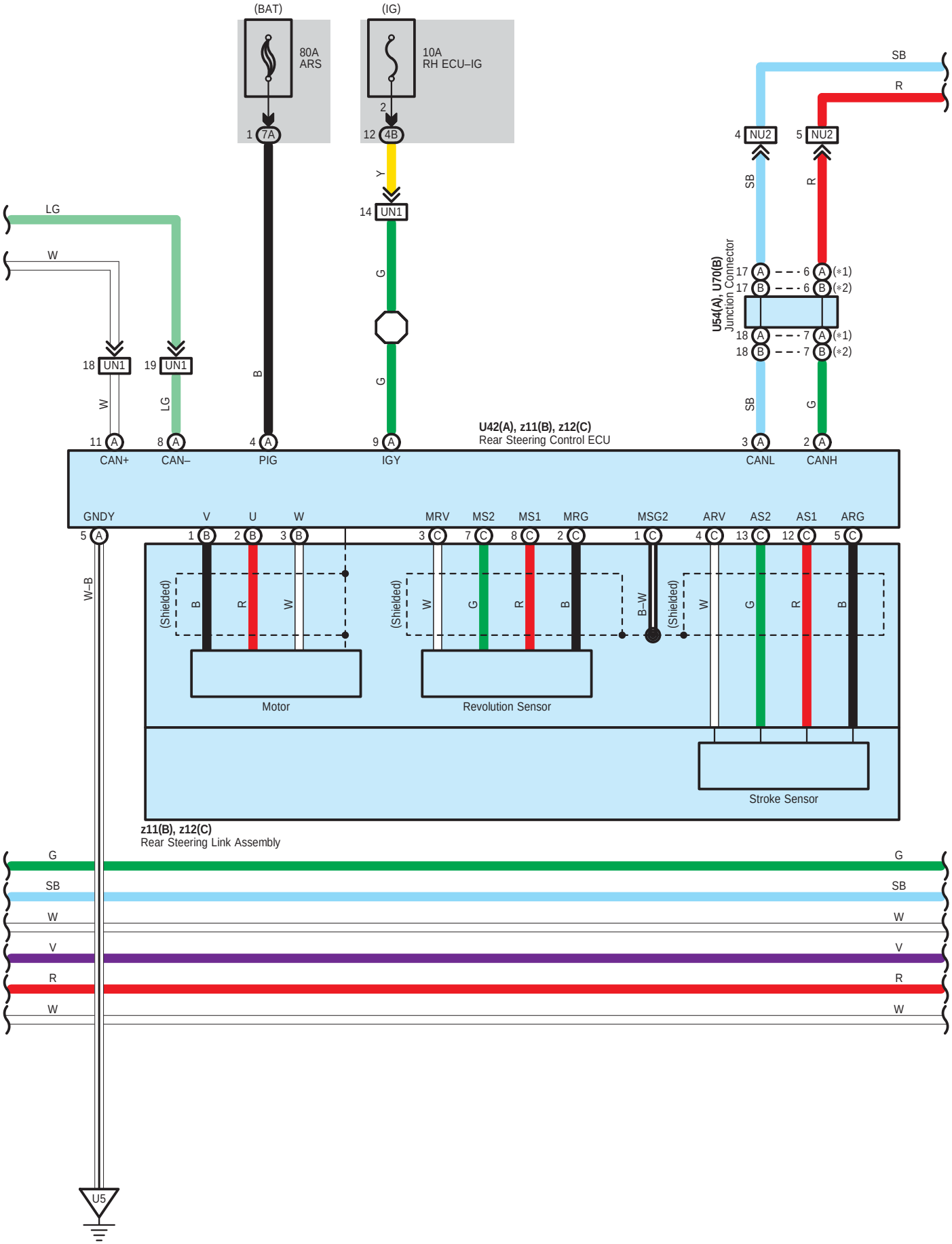
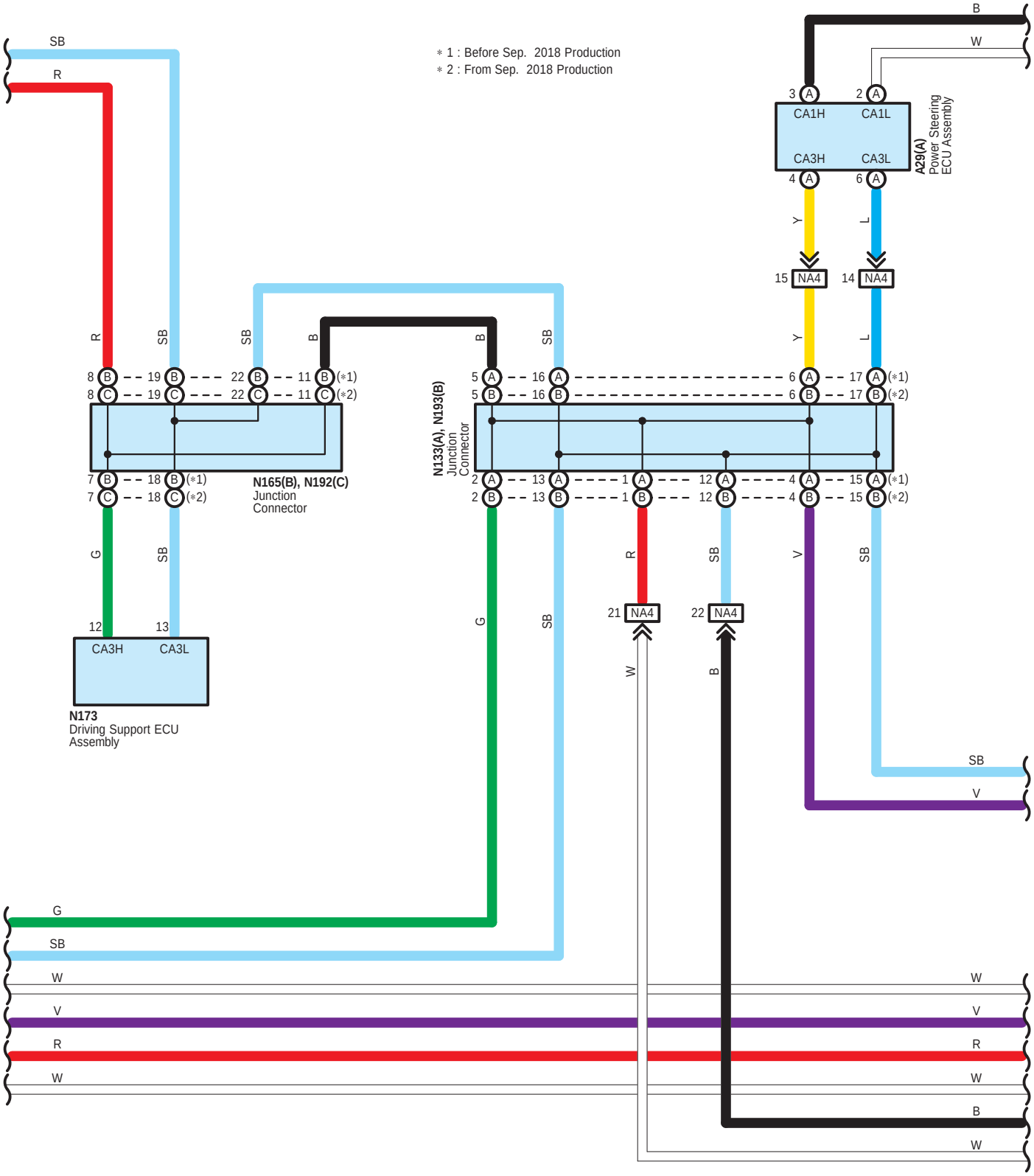
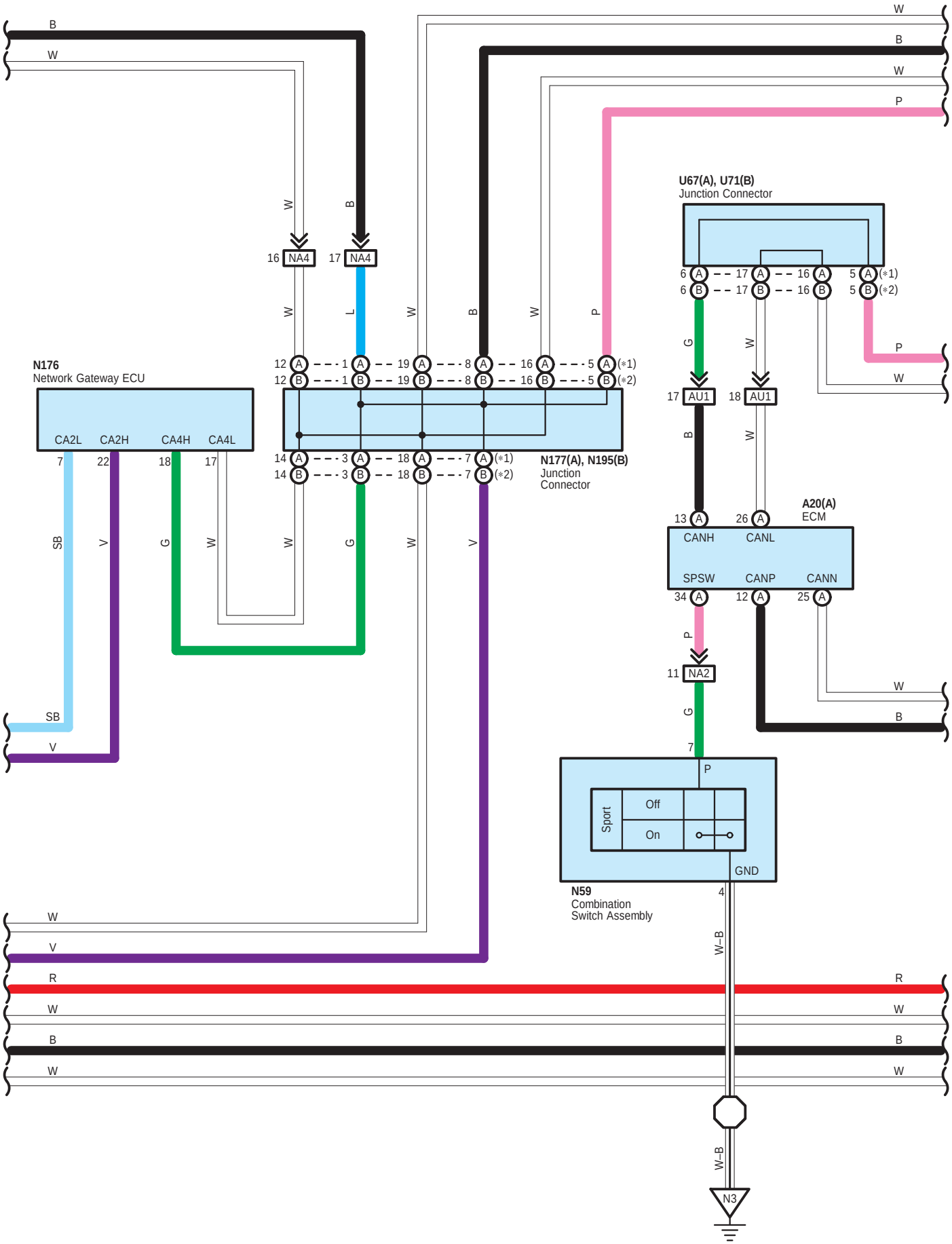
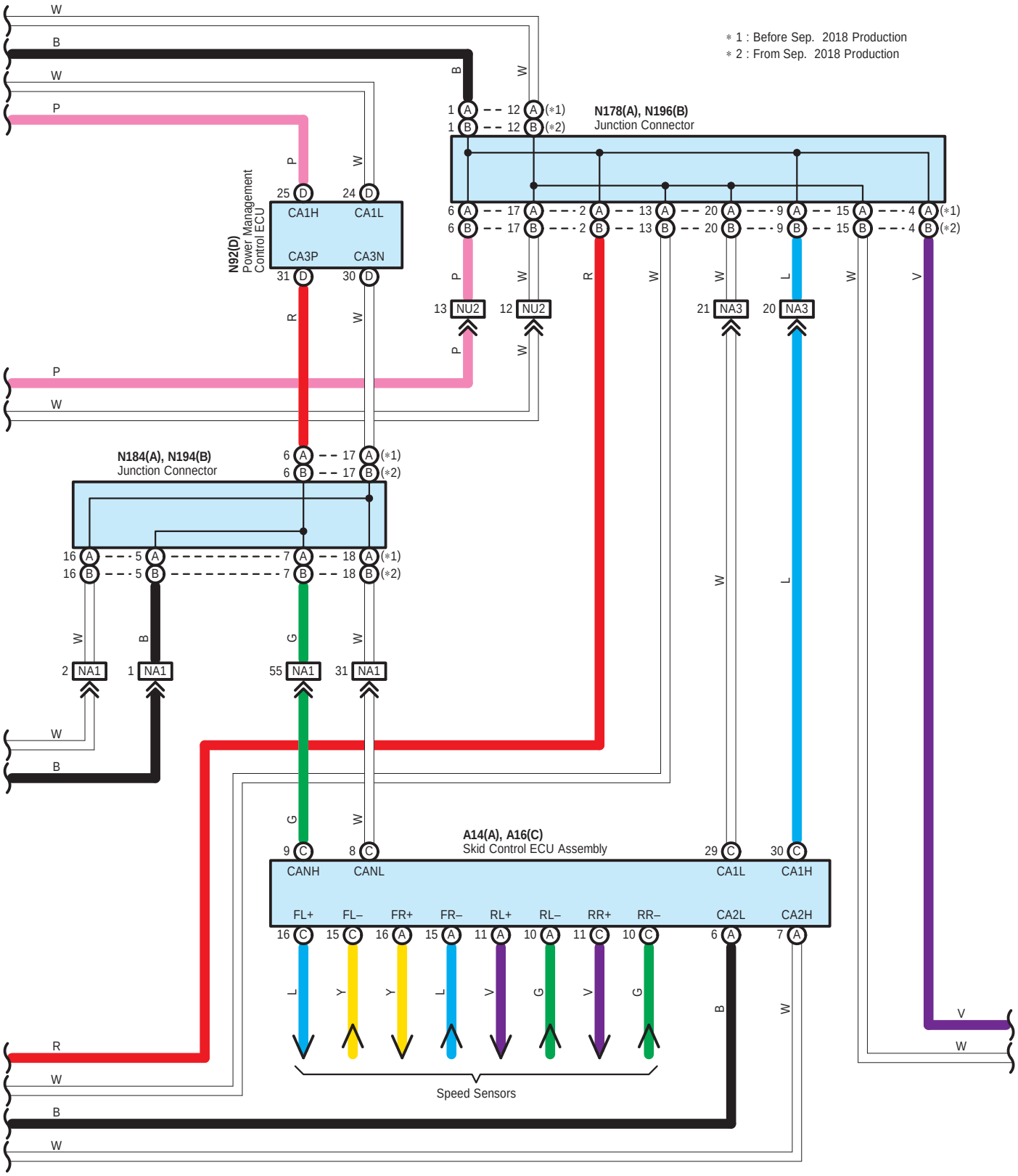

(BAT)
7. 5A
ECU–B
(BAT)
40A
VGRS
(IG)
10A
RH ECU–IG
GR
NA1
R
L
A31(A), N102(B), N103(C), N104(D)
Front Steering Control ECU
+BI
PIG
IG
PGND
PGD2
SG2+
LG
LV
RG
S2
S1
RV
SG
BMW
BMV
BMU
BR
(Shielded)
W–B
LG+
LV+
RG+
S2+
S1+
RV+
BMW+
BMV+
BMU+
N38
Steering Actuator Assembly
A5
N7

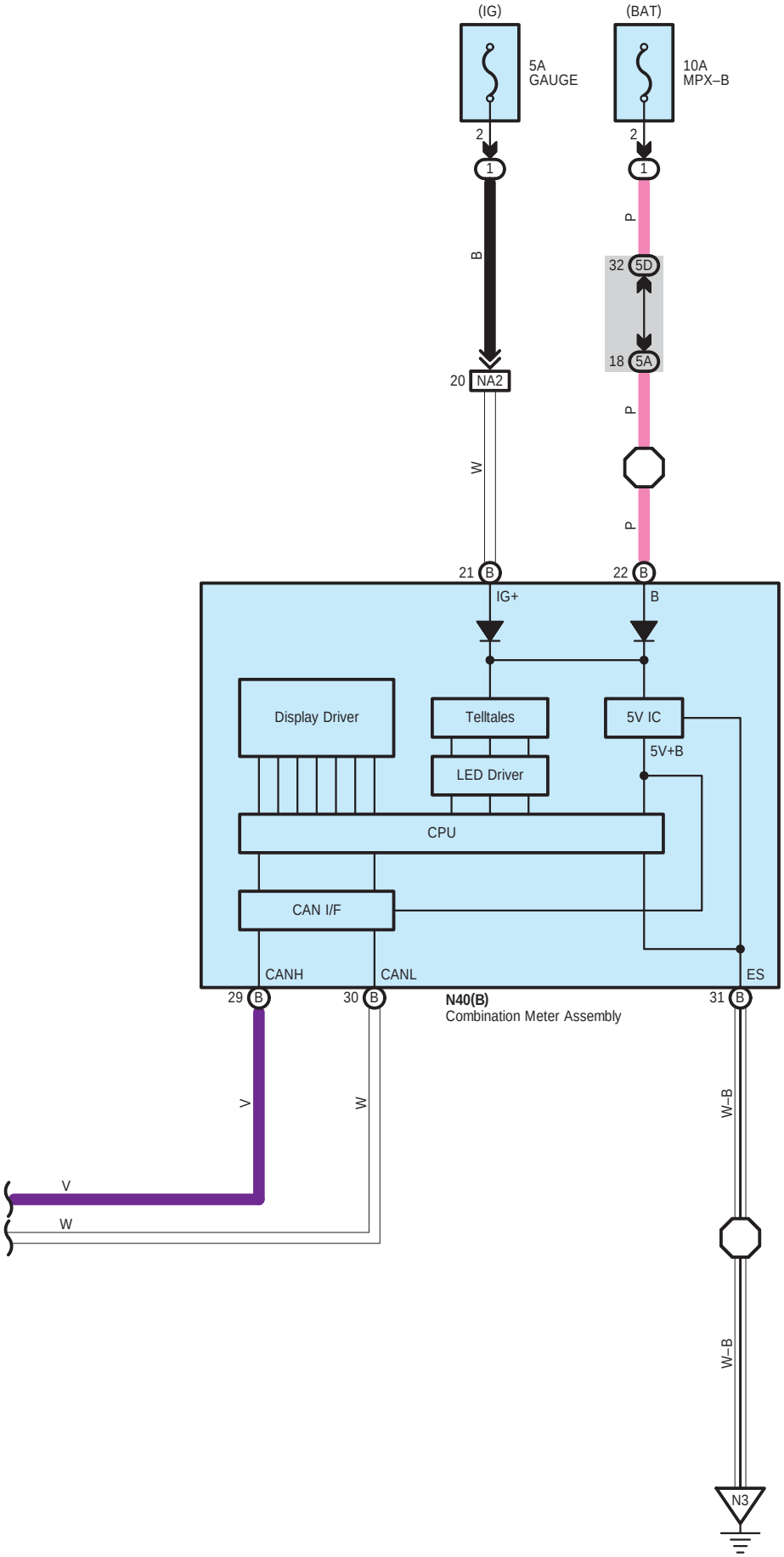

LG
W
LG
W
A31(A), N102(B), N103(C), N104(D)
Front Steering Control ECU
11 D
CAN–
10 D
CAN+
SS1–
SS1+
+BO
CNH1
CNL1
CNL2
CNH2
5 D
6 D
1 D
3 D
9 D
8 D
2 D
R
W
P
V
W
SB
G
W–B
W–B
4 A
GND1
N31(A), z4(B)
Spiral Cable
Sub–Assembly
9 B
z4(B)
Steering Pad Switch
Assembly
9 A
8 A
5 A
SS2–
SS2+
BAT
CANL
CANH
2 A
3 A
N33(A)
Steering Sensor
G
SB
W
V
R
W
W
R
N1


(BAT)
80A
ARS
1 7A
(IG)
10A
RH ECU–IG
2
12 4B
Y
14 UN1
G
G
LG
W
18 UN1
19 UN1
W
LG
B
11 A
8 A
4 A
9 A
CAN+
CAN–
PIG
IGY
U42(A), z11(B), z12(C)
Rear Steering Control ECU
SB
R
4 NU2
5 NU2
SB
R
U54(A), U70(B)
Junction Connector
17 A
6 A (*1)
17 B
6 B (*2)
18 A
7 A (*1)
18 B
7 B (*2)
SB
G
3 A
2 A
CANL
CANH
GNDY
V
U
W
MRV
MS2
MS1
MRG
MSG2
ARV
AS2
AS1
ARG
5 A
1 B
2 B
3 B
3 C
7 C
8 C
2 C
1 C
4 C
13 C
12 C
5 C
W–B
(Shielded)
B
R
W
(Shielded)
W
G
R
B
B–W
(Shielded)
W
G
R
B
Motor
Revolution Sensor
Stroke Sensor
z11(B), z12(C)
Rear Steering Link Assembly
G
SB
W
V
R
W
U5

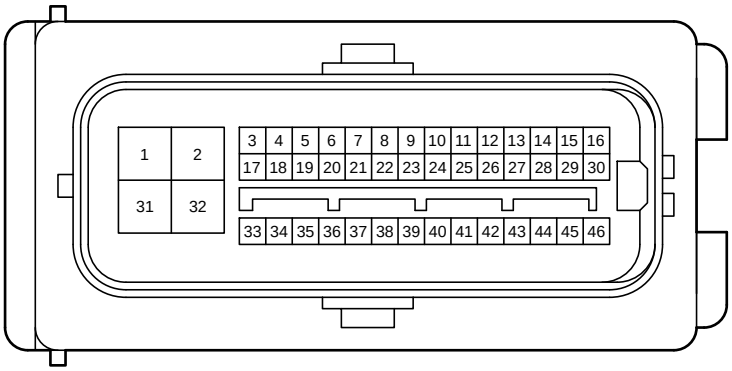

∗1 : Before Sep. 2018 Production
∗2 : From Sep. 2018 Production
A29(A)
Power Steering ECU Assembly
CA1H
CA1L
CA3H
CA3L
NA4
N165(B), N192(C)
Junction Connector
N133(A), N193(B)
Junction Connector
N173
Driving Support ECU Assembly
SB
R
B
W
Y
L
G
V


N176
Network Gateway ECU
CA2L
CA2H
CA4H
CA4L
N177(A), N195(B)
Junction Connector
U67(A), U71(B)
Junction Connector
A20(A)
ECM
CANH
CANL
SPSW
CANP
CANN
N59
Combination Switch Assembly
Sport
Off
On
GND
NA4
AU1
NA2
N3

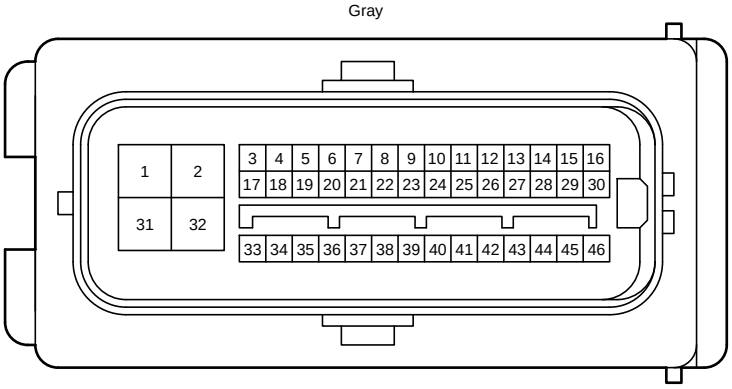

∗1 : Before Sep. 2018 Production
∗2 : From Sep. 2018 Production
N178(A), N196(B)
Junction Connector
N92(D)
Power Management
Control ECU
CA1H
CA1L
CA3P
CA3N
NU2
NA3
N184(A), N194(B)
Junction Connector
NA1
A14(A), A16(C)
Skid Control ECU Assembly
CANH
CANL
CA1L
CA1H
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CA2L
CA2H
Speed Sensors


(IG)
(BAT)
5A
GAUGE
10A
MPX–B
2
1
B
P
32
5D
18
5A
20
NA2
W
21
22
IG+
B
Display Driver
Telltales
5V IC
5V+B
LED Driver
CPU
CAN I/F
CANH
CANL
ES
29
30
31
N40(B)
Combination Meter Assembly
V
W–B
N3

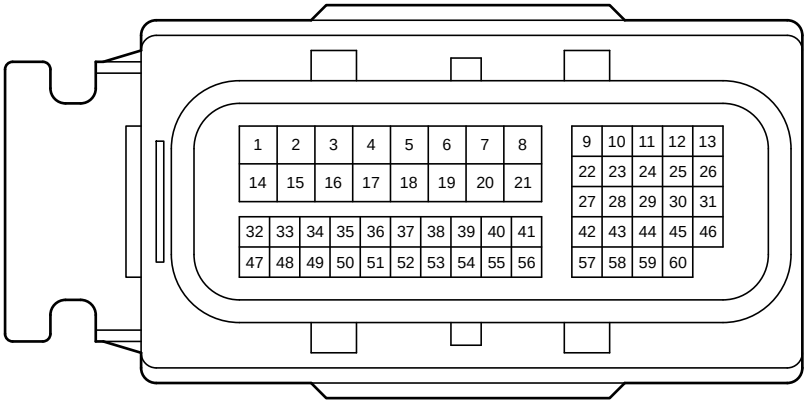
A 14
Black



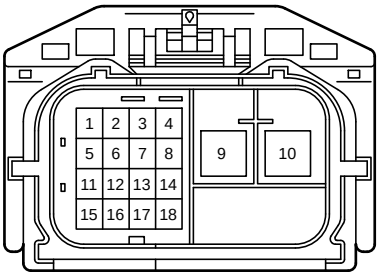
A 16
Gray



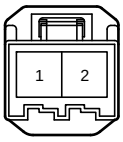
A 20
Black



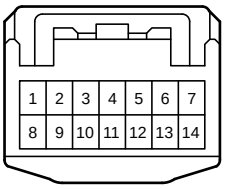
A 29
Black



A 31
White



N 31
Black



N 33
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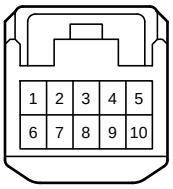

N 38
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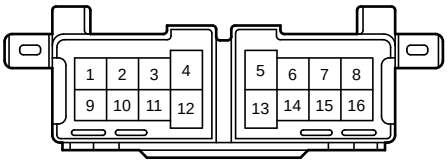

N 40
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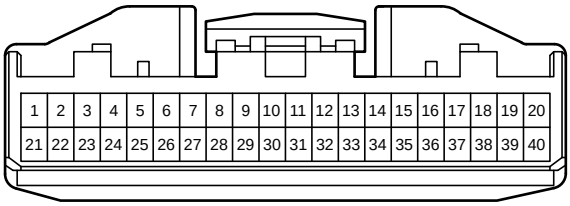

N 59
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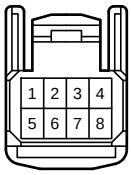
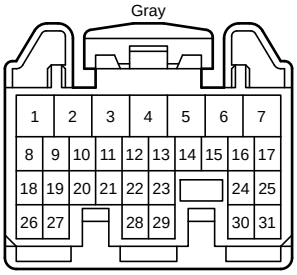


N 92
Gray



N102
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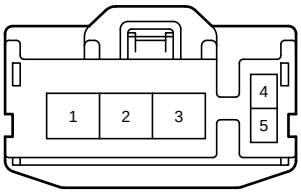

N103
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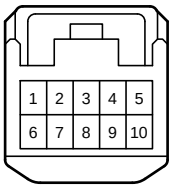

N104
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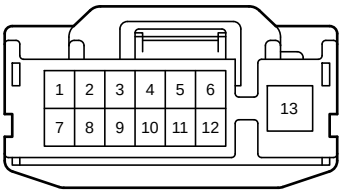

N133
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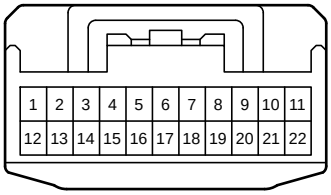

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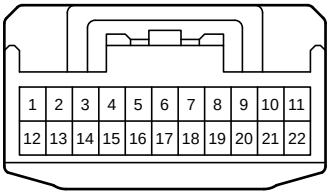

N173
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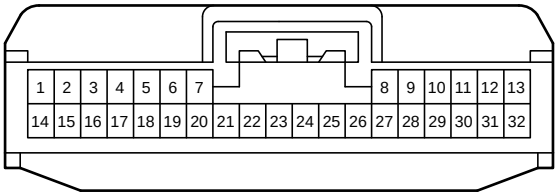

N176
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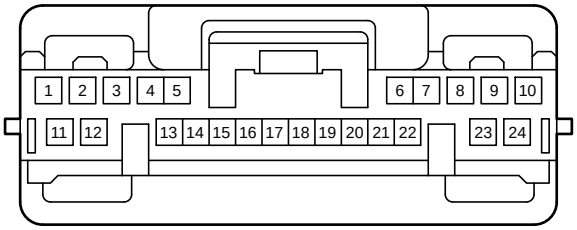

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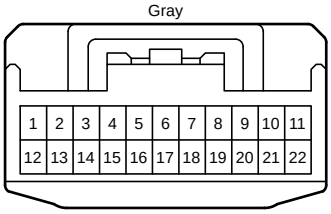

N178
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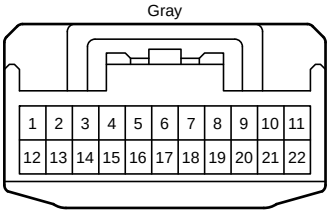

N184
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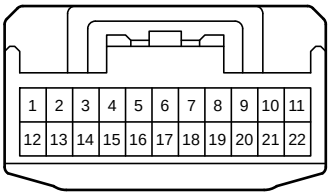

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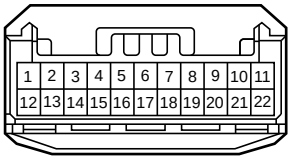

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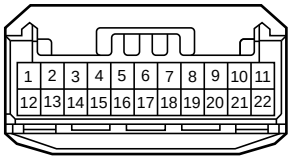

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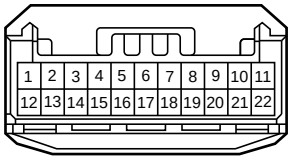

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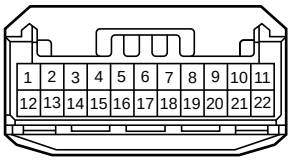

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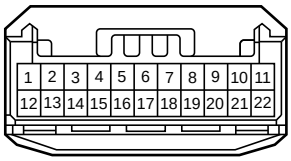
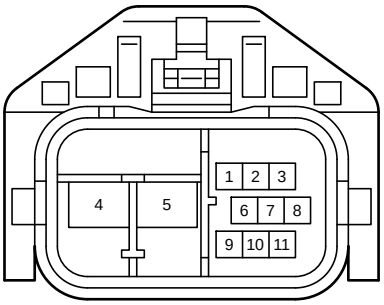
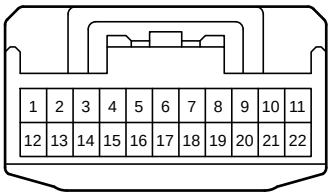


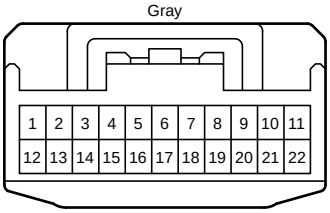
U 42
Black



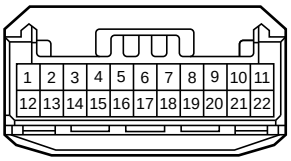
U 54
Blue



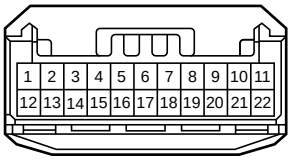
U 67
Gray



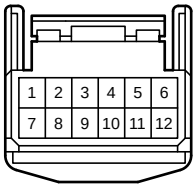
U 70
Black



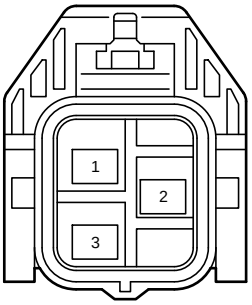
U 71
Black



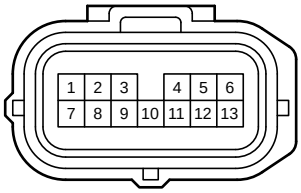
z 4
Black



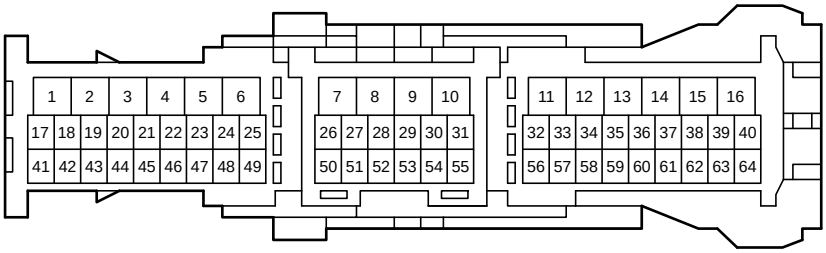
z 11
Black



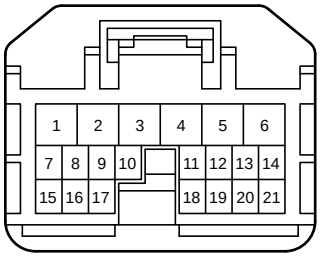
z 12
Black



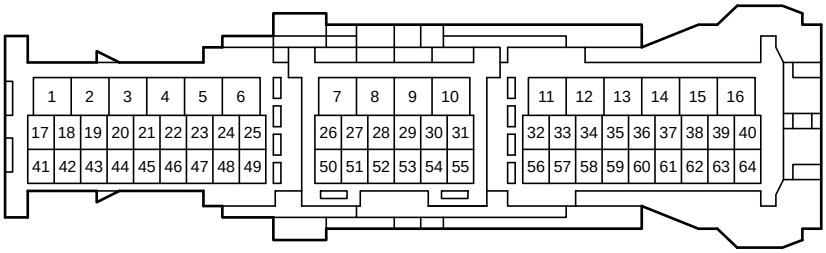
4A
White



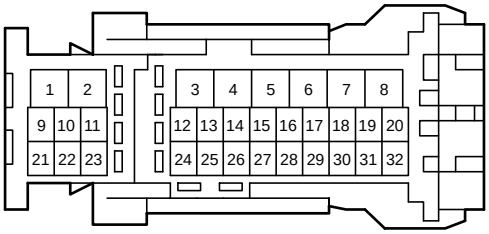
4B
White



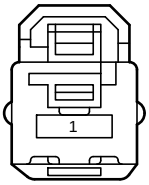
5A
White



5D
White



7A
Black



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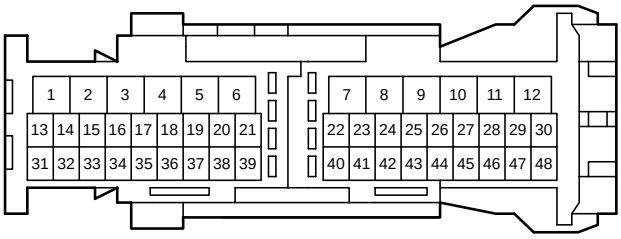

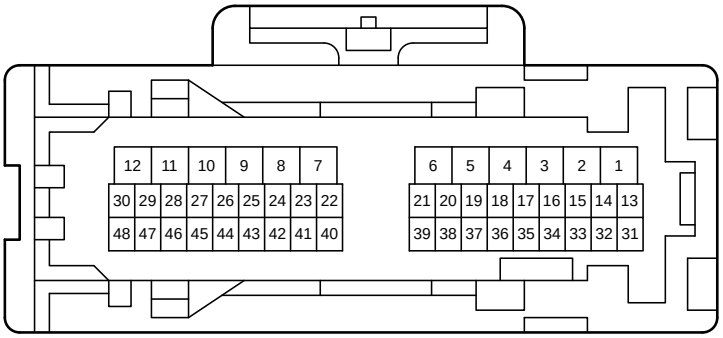

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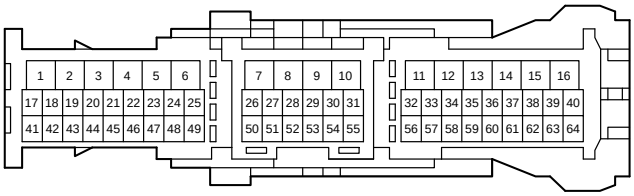

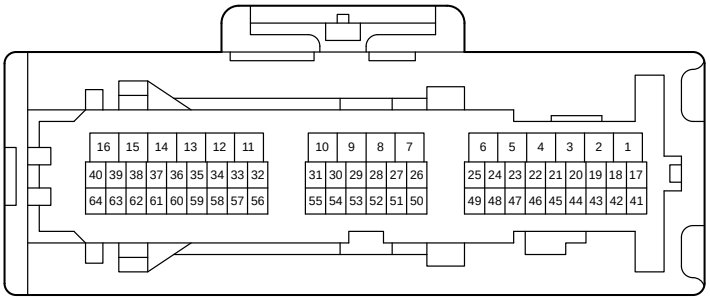

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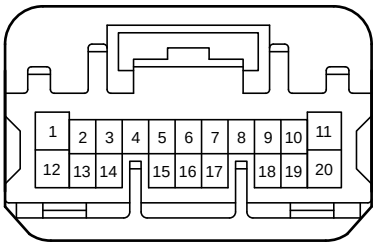

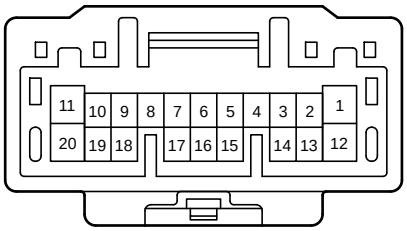

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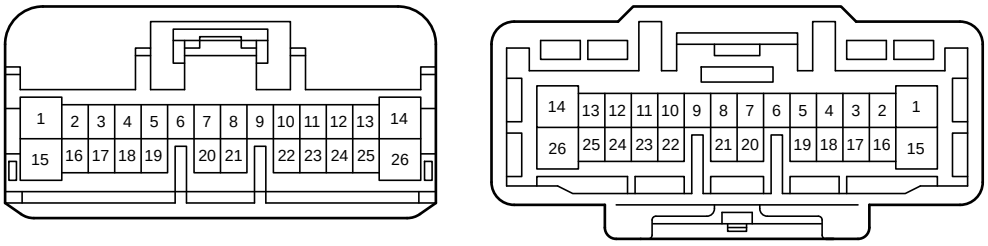

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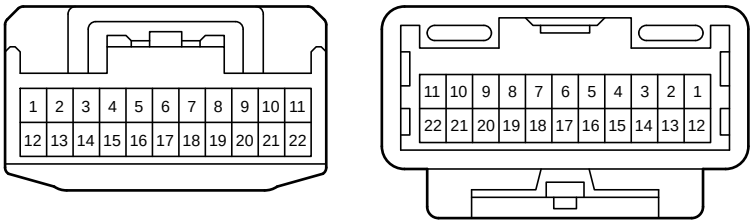

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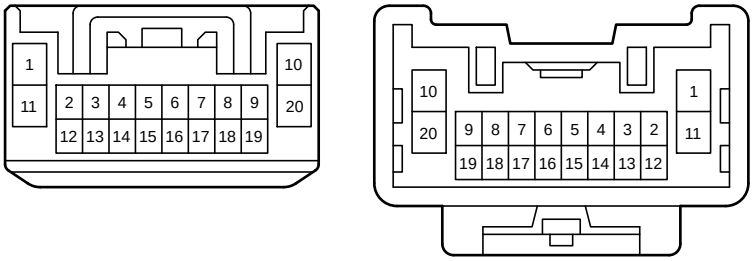
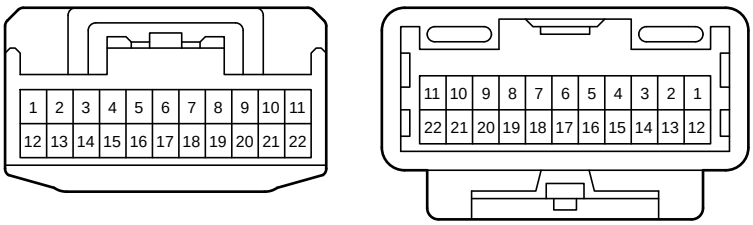
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