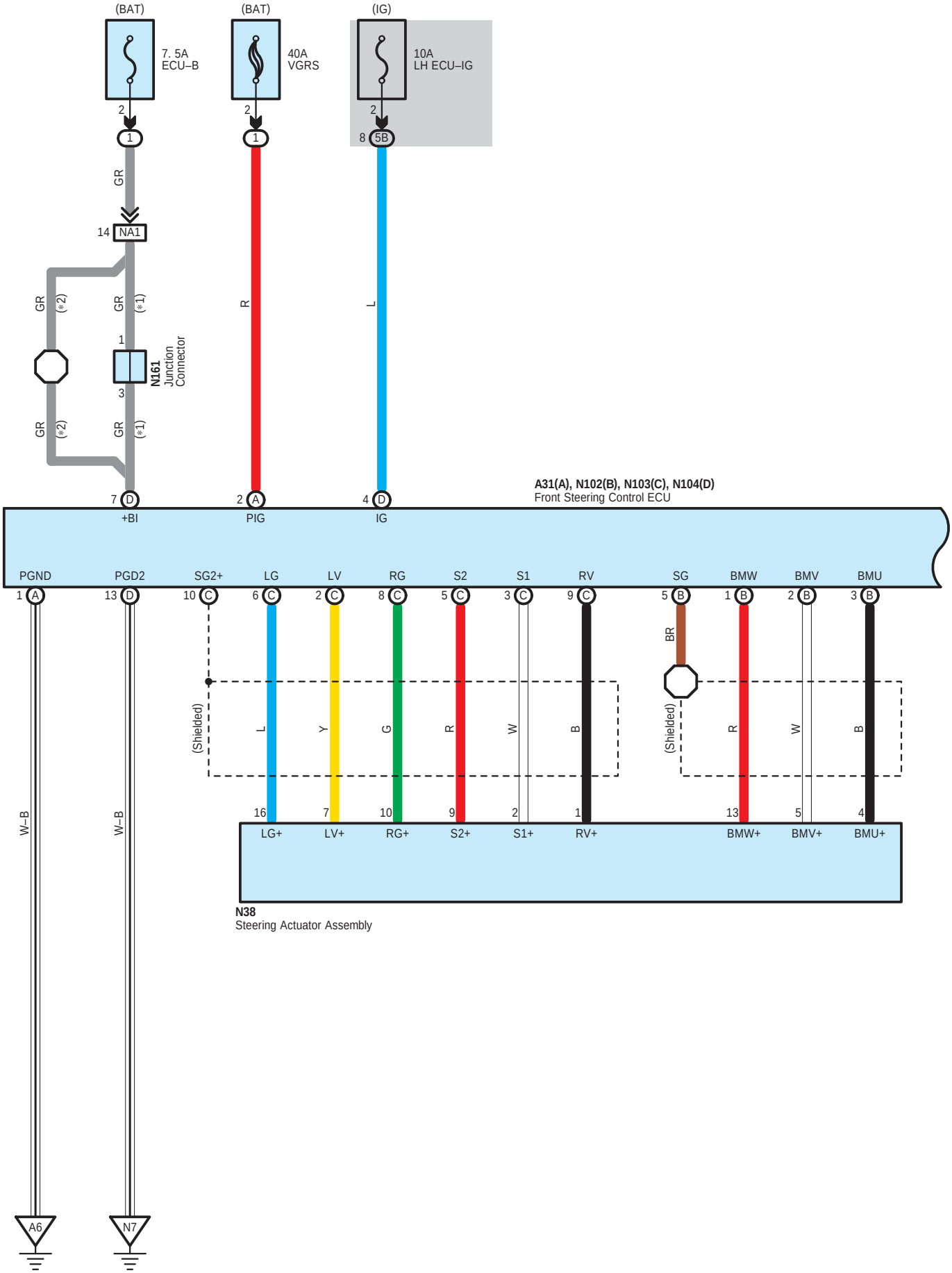
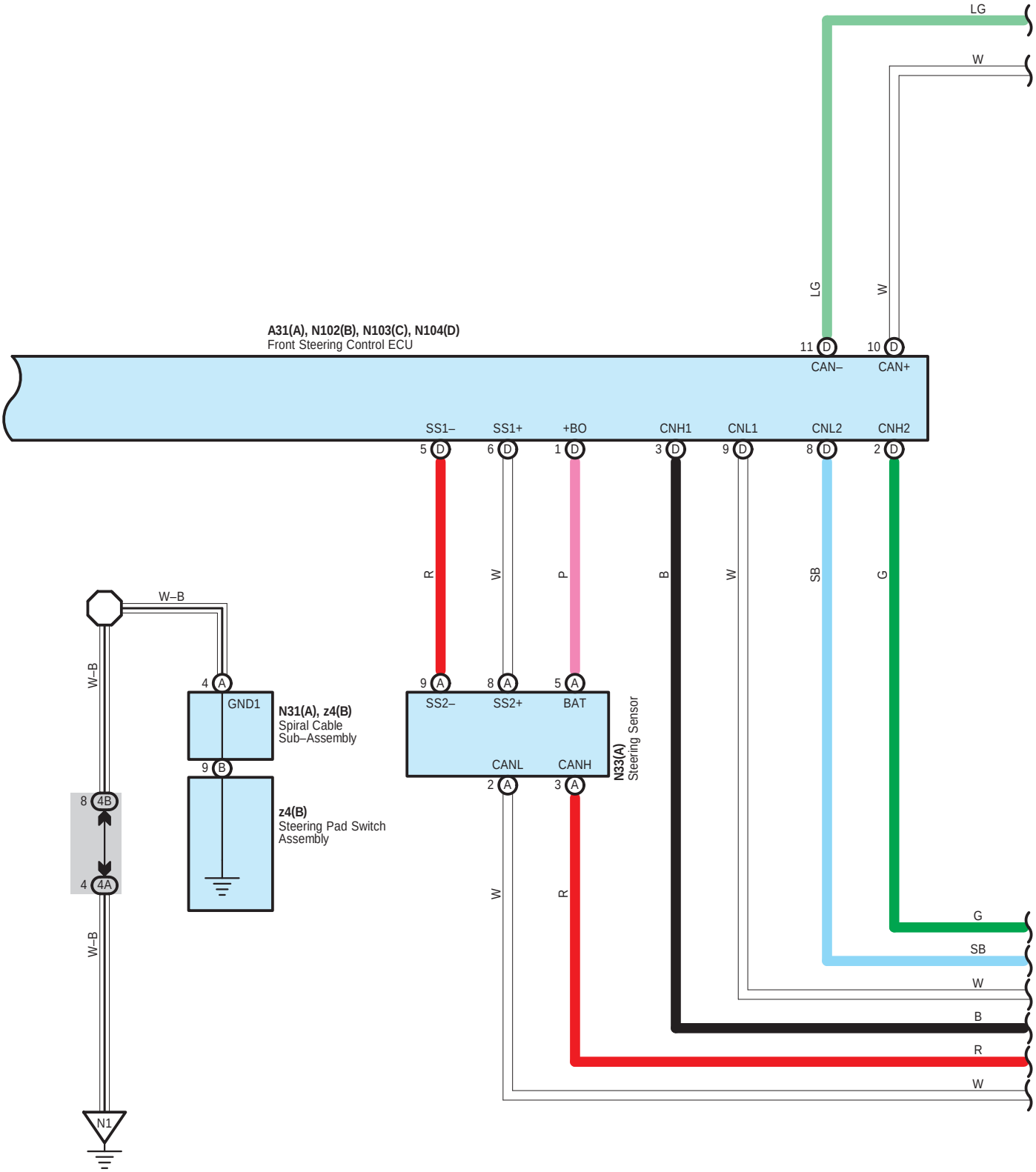
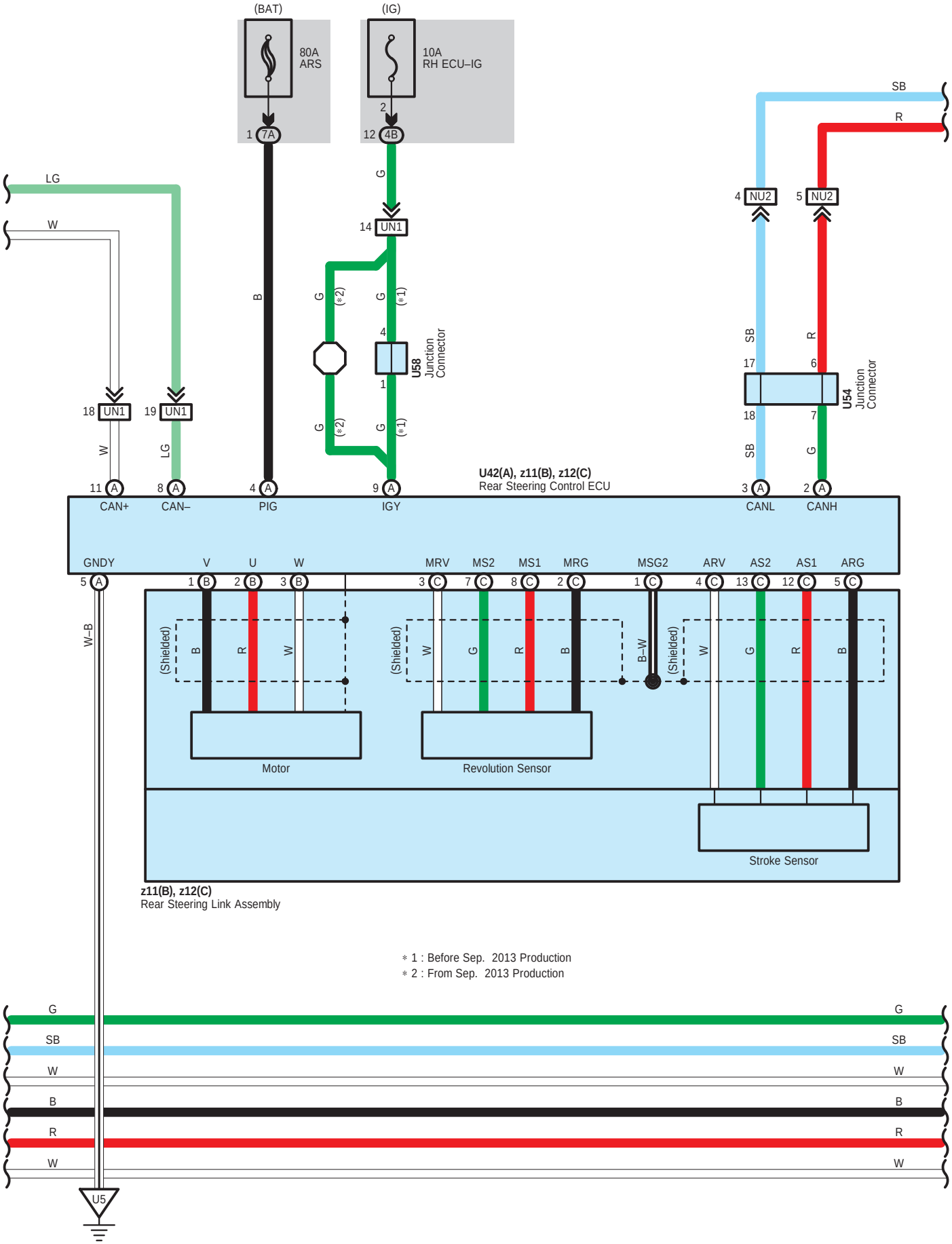
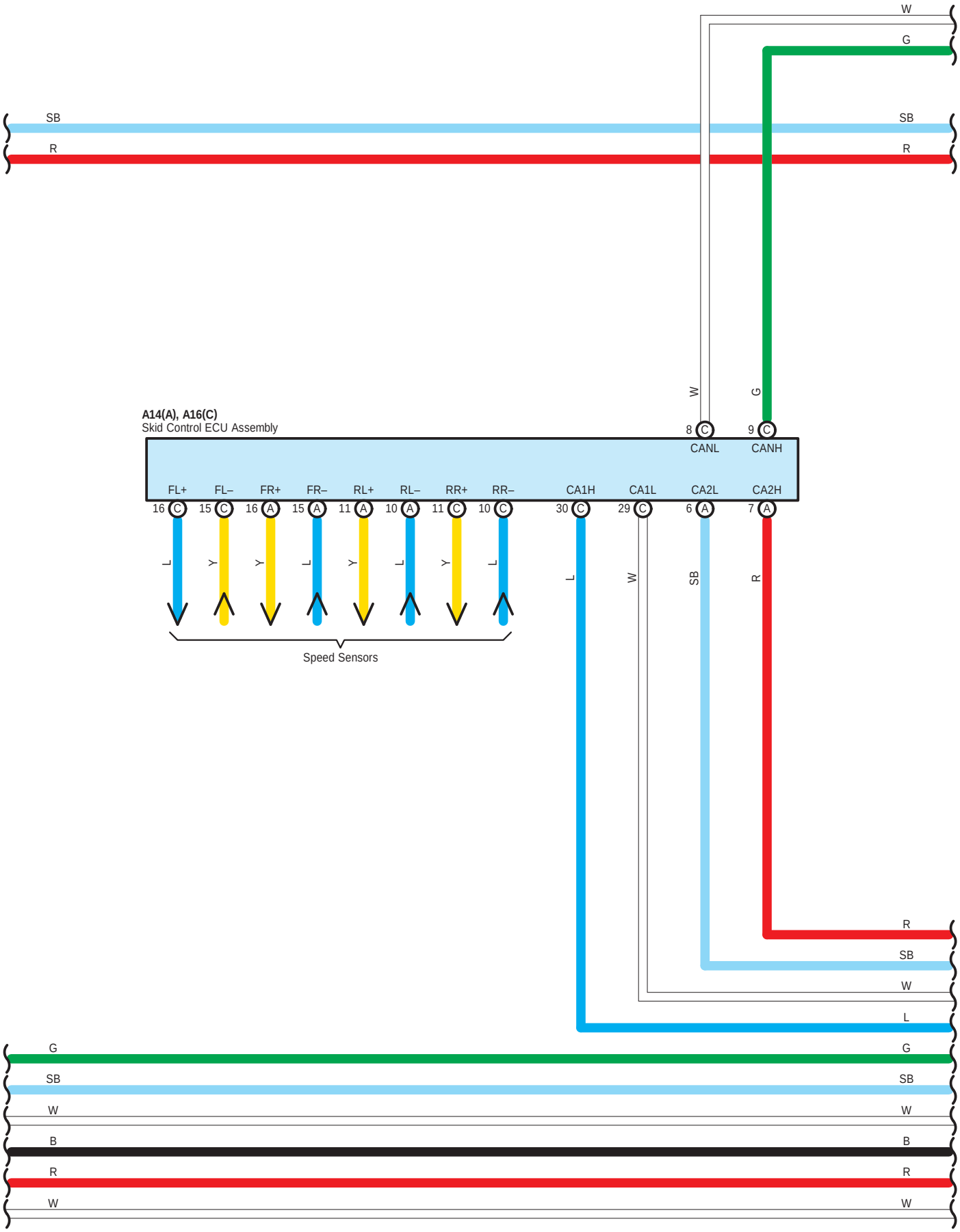
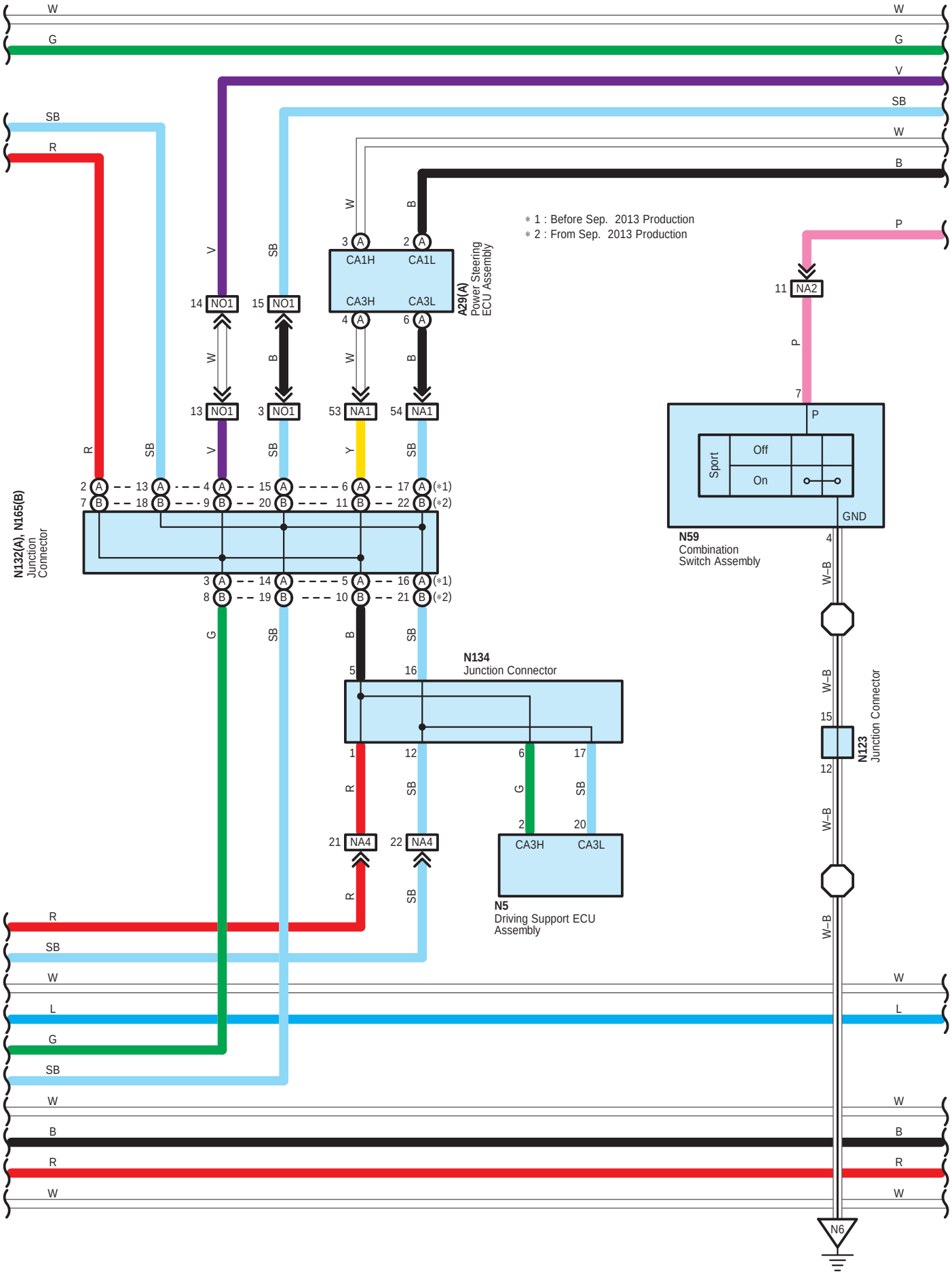

(BAT)
7. 5A
ECU–B
(BAT)
40A
VGRS
(IG)
10A
LH ECU–IG
GR
NA1
GR
(*2)
GR
(*1)
N161
Junction
Connector
R
L
A31(A), N102(B), N103(C), N104(D)
Front Steering Control ECU
+BI
PIG
IG
PGND
PGD2
SG2+
LG
LV
RG
S2
S1
RV
SG
BMW
BMV
BMU
BR
(Shielded)
L
Y
G
R
W
B
W–B
LG+
LV+
RG+
S2+
S1+
RV+
BMW+
BMV+
BMU+
N38
Steering Actuator Assembly
A6
N7

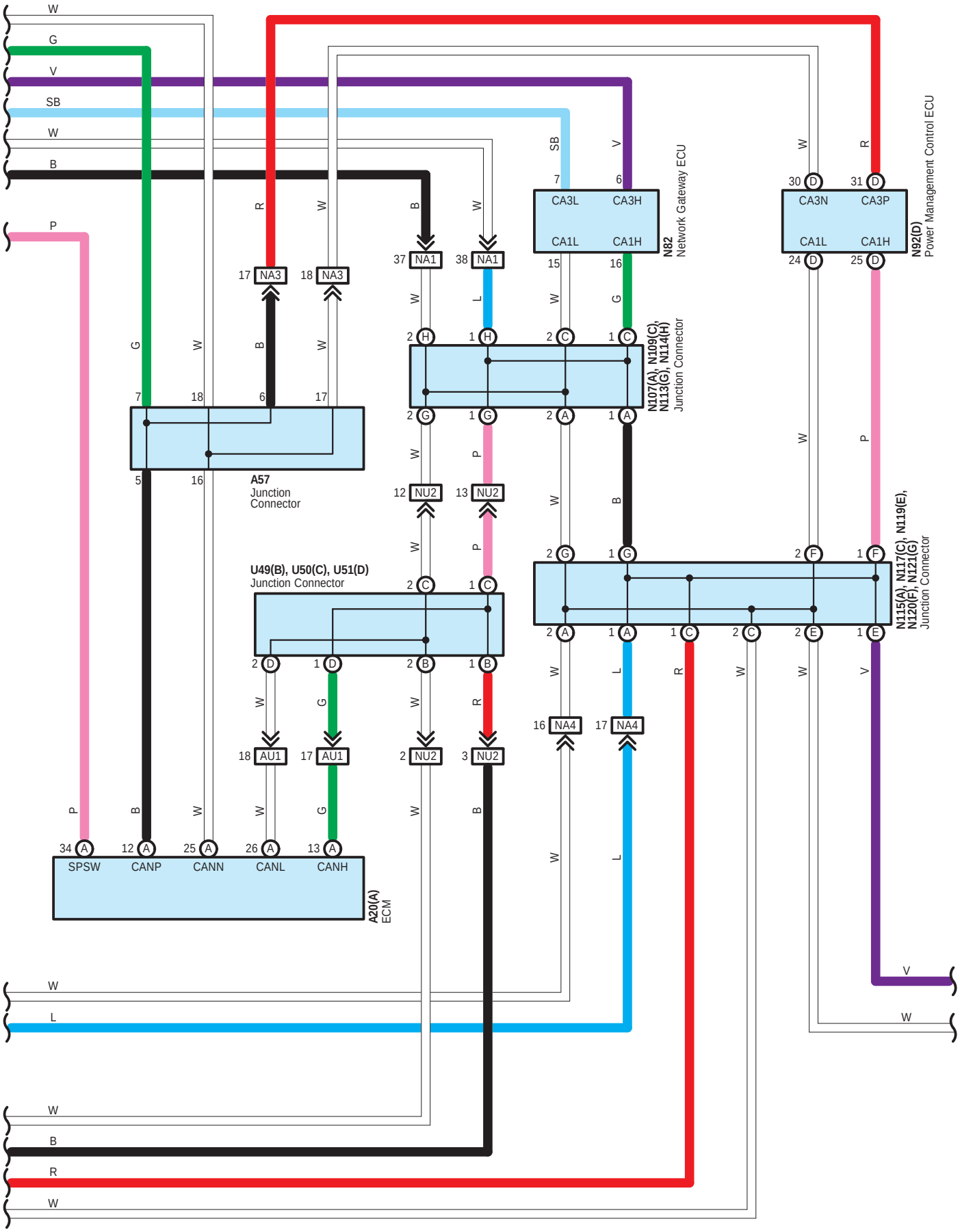
∗ 1 : Before Sep. 2013 Production
∗ 2 : From Sep. 2013 Production

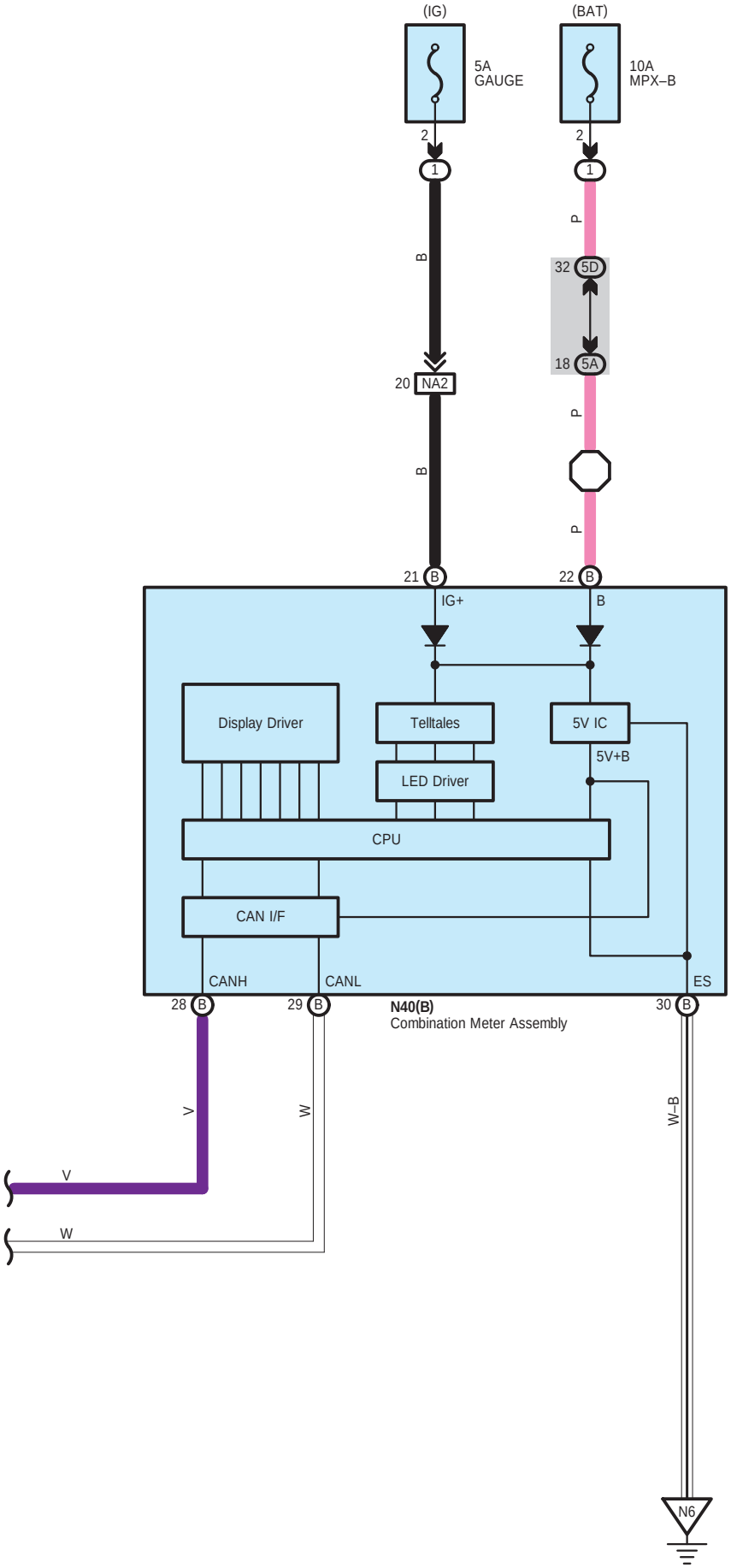



(BAT)
80A
ARS
1 7A
(IG)
10A
RH ECU–IG
2
12 4B
G
14 UN1
B
G (*2)
G (*1)
4
U58
Junction
Connector
1
G (*2)
G (*1)
LG
W
18 UN1
19 UN1
W
LG
11 A
8 A
4 A
9 A
CAN+
CAN–
PIG
IGY
SB
R
4 NU2
5 NU2
SB
R
17
6
U54
Junction
Connector
18
7
SB
G
3 A
2 A
CANL
CANH
U42(A), z11(B), z12(C)
Rear Steering Control ECU
GNDY
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
* 1 : Before Sep. 2013 Production
* 2 : From Sep. 2013 Production
G
SB
W
B
R
W
U5

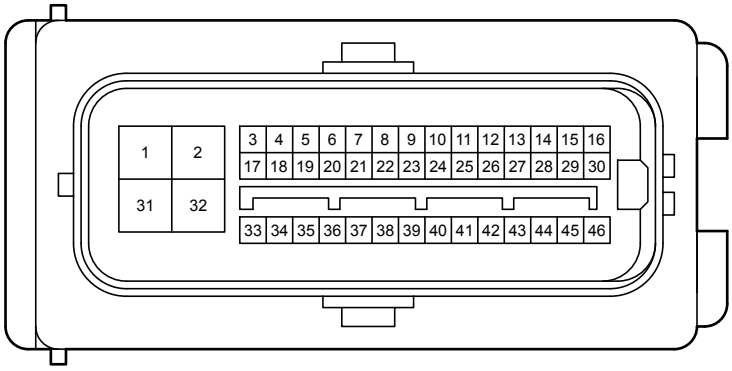

W
G
SB
R
SB
R
W
G
A14(A), A16(C)
Skid Control ECU Assembly
8 C
9 C
CANL
CANH
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CA1H
CA1L
CA2L
CA2H
16 C
15 C
16 A
15 A
11 A
10 A
11 C
10 C
30 C
29 C
6 A
7 A
L
Y
Y
L
Y
L
Y
L
L
W
SB
R
Speed Sensors
R
SB
W
L
G
SB
W
B
R
W
G
SB
W
B
R
W


W
G
V
SB
R
B
P
L
* 1 : Before Sep. 2013 Production
* 2 : From Sep. 2013 Production
A29(A)
Power Steering
ECU Assembly
CA1H
CA1L
CA3H
CA3L
NO1
NA1
NA2
NA4
N132(A), N165(B)
Junction
Connector
N59
Combination
Switch Assembly
Sport
Off
On
GND
N134
Junction Connector
N123
Junction Connector
N5
Driving Support ECU
Assembly
W–B
N6

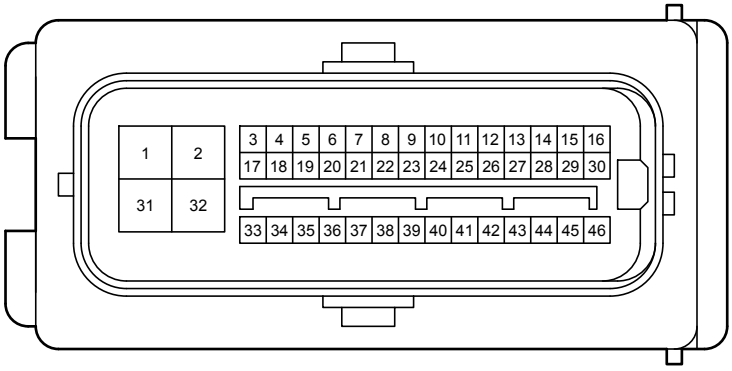

N82
Network Gateway ECU
CA3L
CA3H
CA1L
CA1H
N92(D)
Power Management Control ECU
CA3N
CA3P
CA1L
CA1H
N107(A), N109(C), N113(G), N114(H)
Junction Connector
A57
Junction Connector
U49(B), U50(C), U51(D)
Junction Connector
N115(A), N117(C), N119(E), N120(F), N121(G)
Junction Connector
A20(A)
ECM
SPSW
CANP
CANN
CANL
CANH
NA1
NA3
NU2
AU1
NA4


(IG)
(BAT)
5A
GAUGE
10A
MPX–B
2
1
B
P
32
5D
18
5A
20
NA2
21
22
IG+
B
Display Driver
Telltales
5V IC
5V+B
LED Driver
CPU
CAN I/F
CANH
CANL
ES
28
29
30
N40(B)
Combination Meter Assembly
V
W
W–B
N6

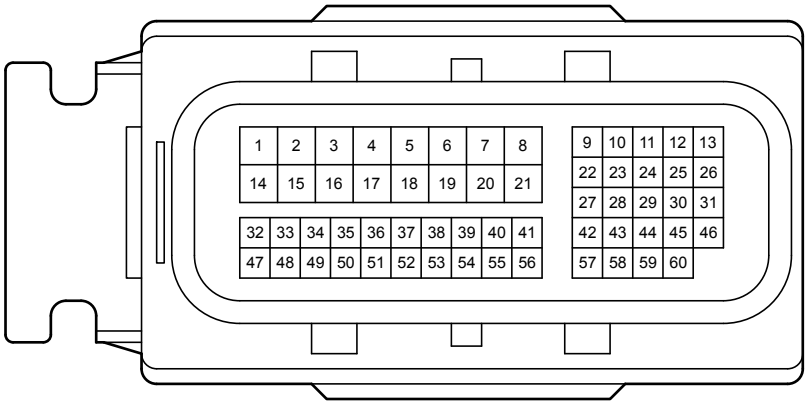
A 14
Black



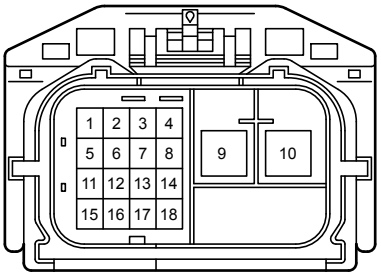
A 16
Gray



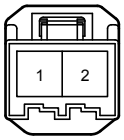
A 20
Black



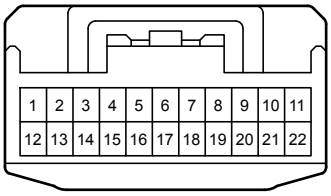
A 29
Black



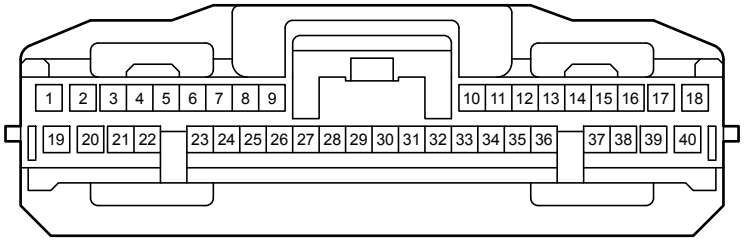
A 31
White



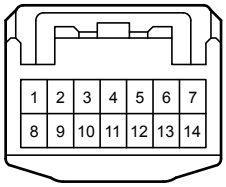
A 57
Blue



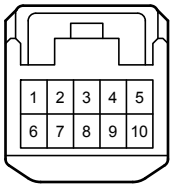
N 5
White



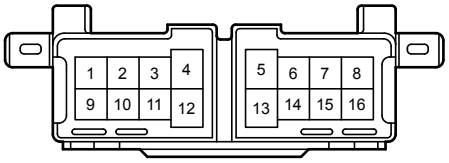
N 31
Black



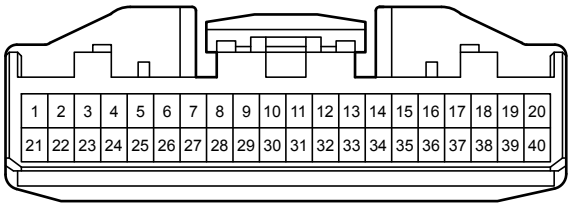
N 33
White



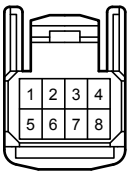
N 38
White



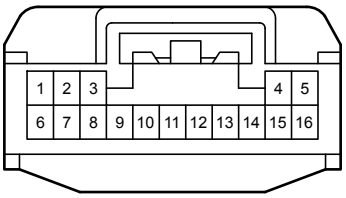
N 40
Black



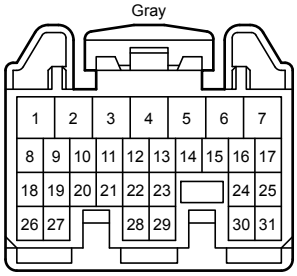
N 59
Black



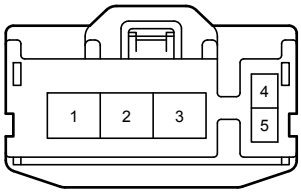
N 82
White



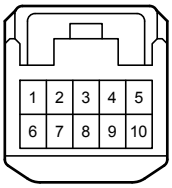
N 92
Gray



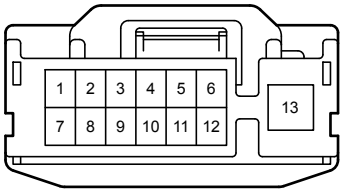
N102
White



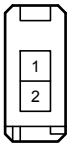
N103
White



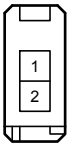
N104
White



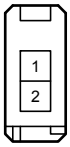
N107
White



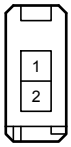
N109
White



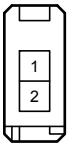
N113
White



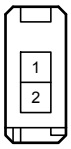
N114
White



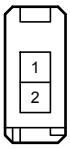
N115
White



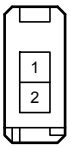
N117
White



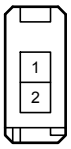
N119
White



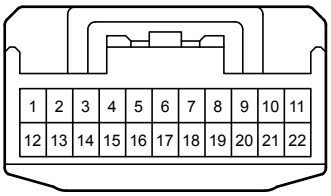
N120
White



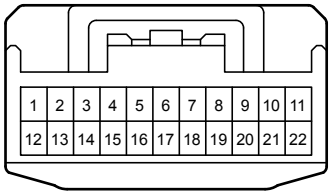
N121
White



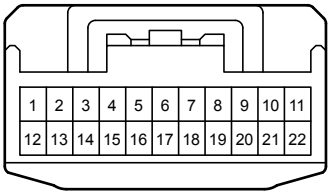
N123
Blue



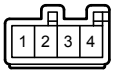
N132
Black



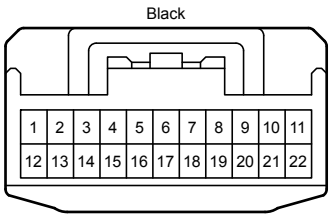
N134
Black



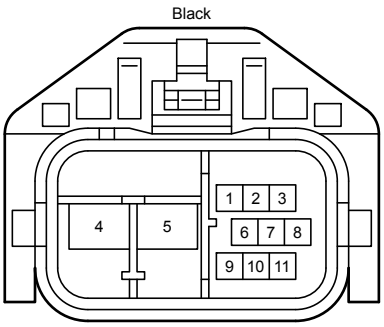
N161
Black



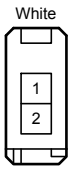
N165
Black



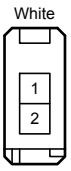
U 42
Black



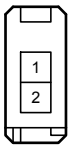
U 49
White



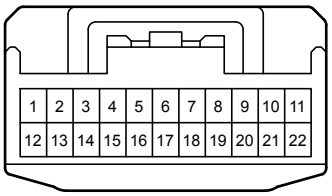
U 50
White



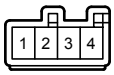
U 51
White



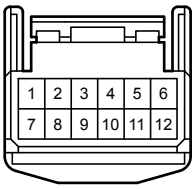
U 54
Blue



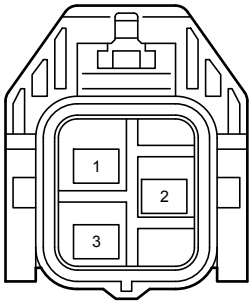
U 58
Black



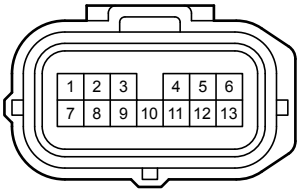
z 4
Black



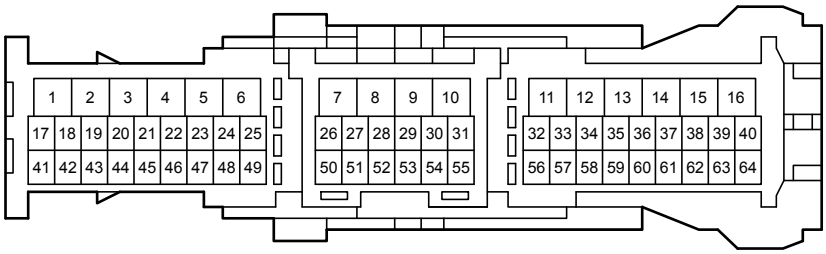
z 11
Black



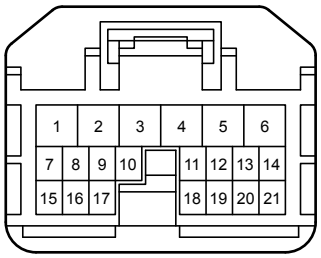
z 12
Black



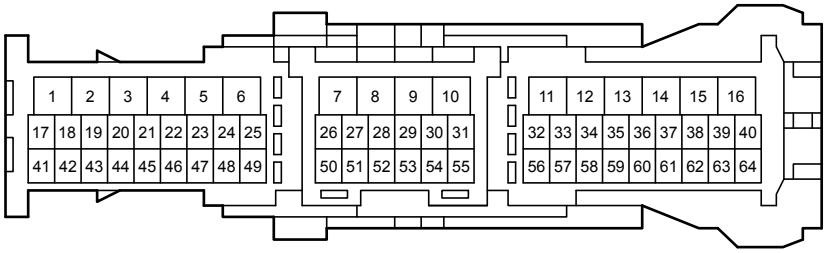
4A
White



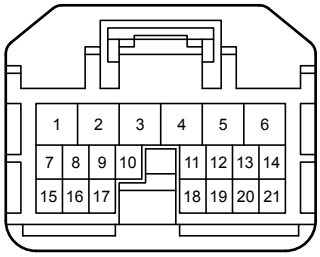
4B
White



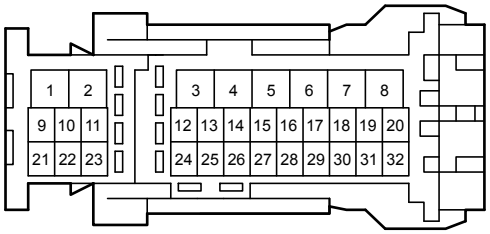
5A
White



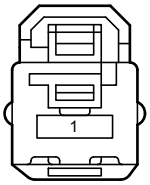
5B
White



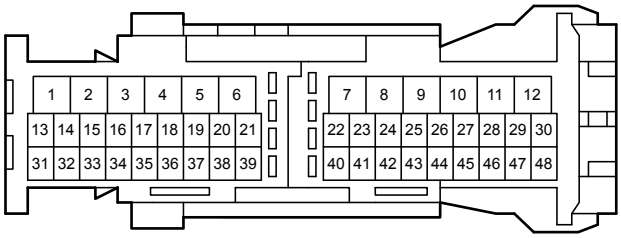
5D
White

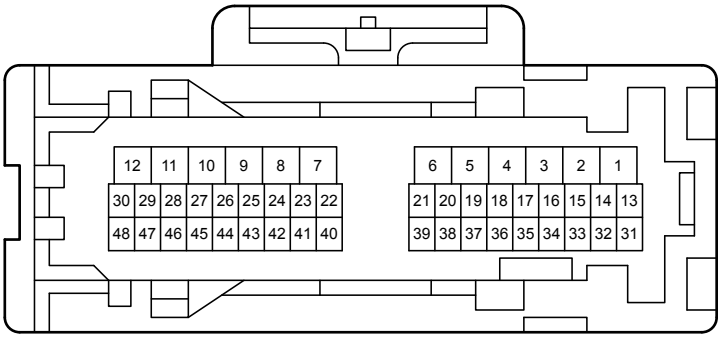


7A
Black

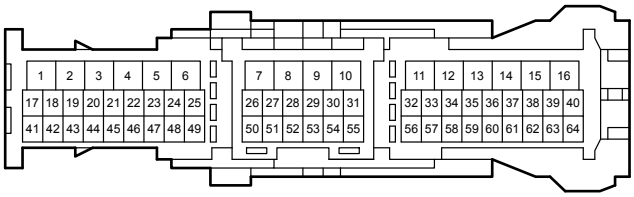


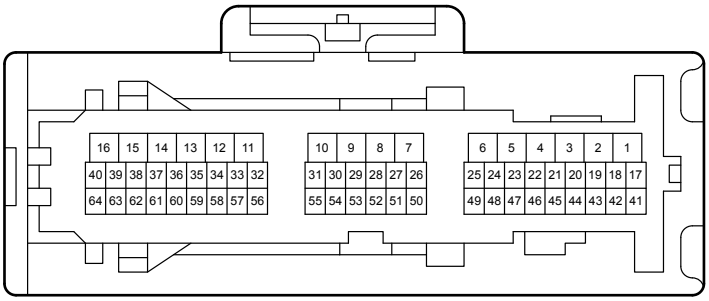
AU1
White



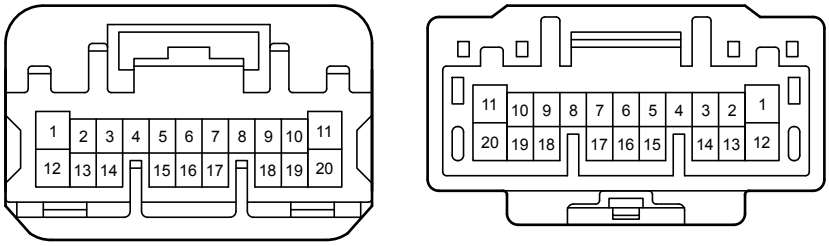


NA1
White

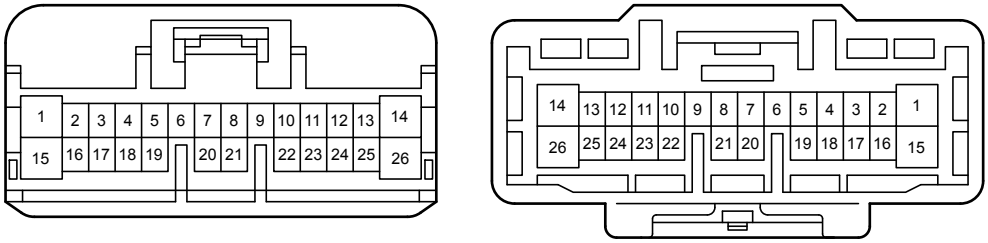




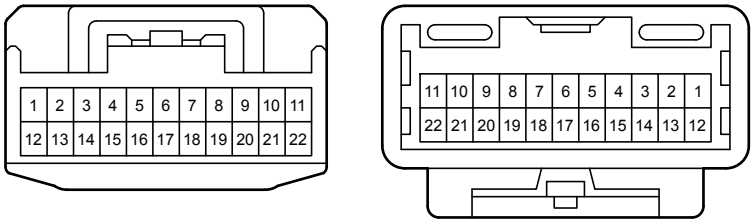
NA2
White



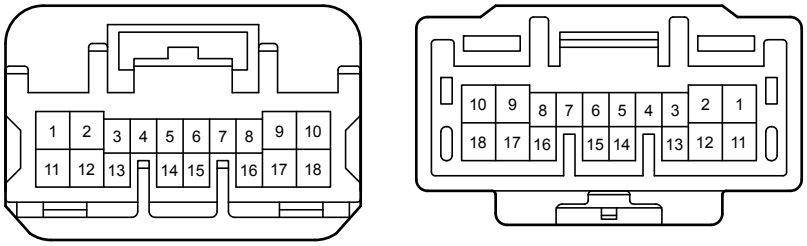
NA3
White



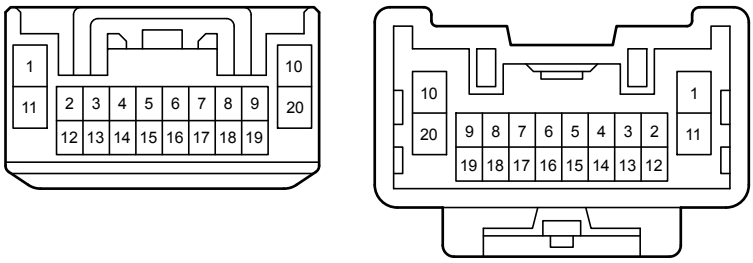
NA4
Gray

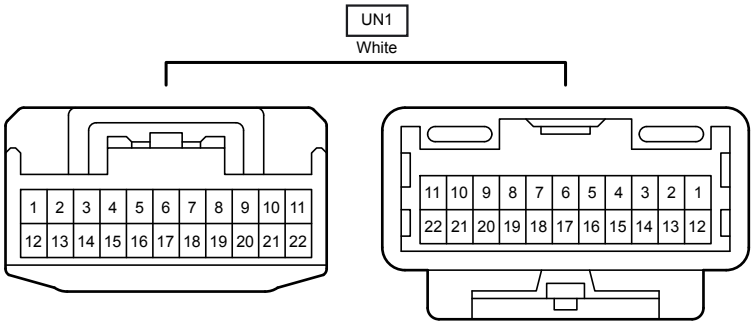


NO1
White



NU2
White




UN1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12