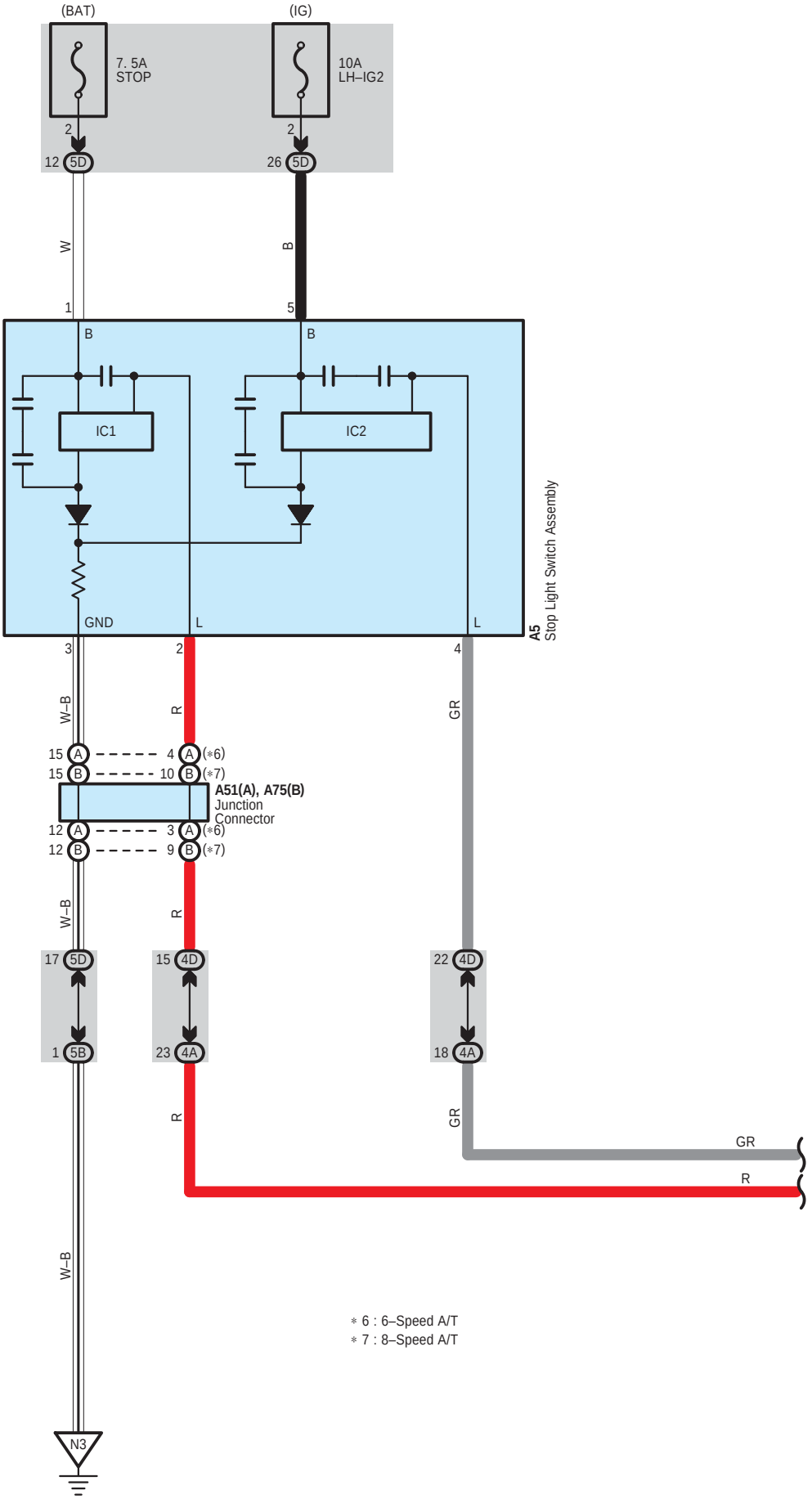
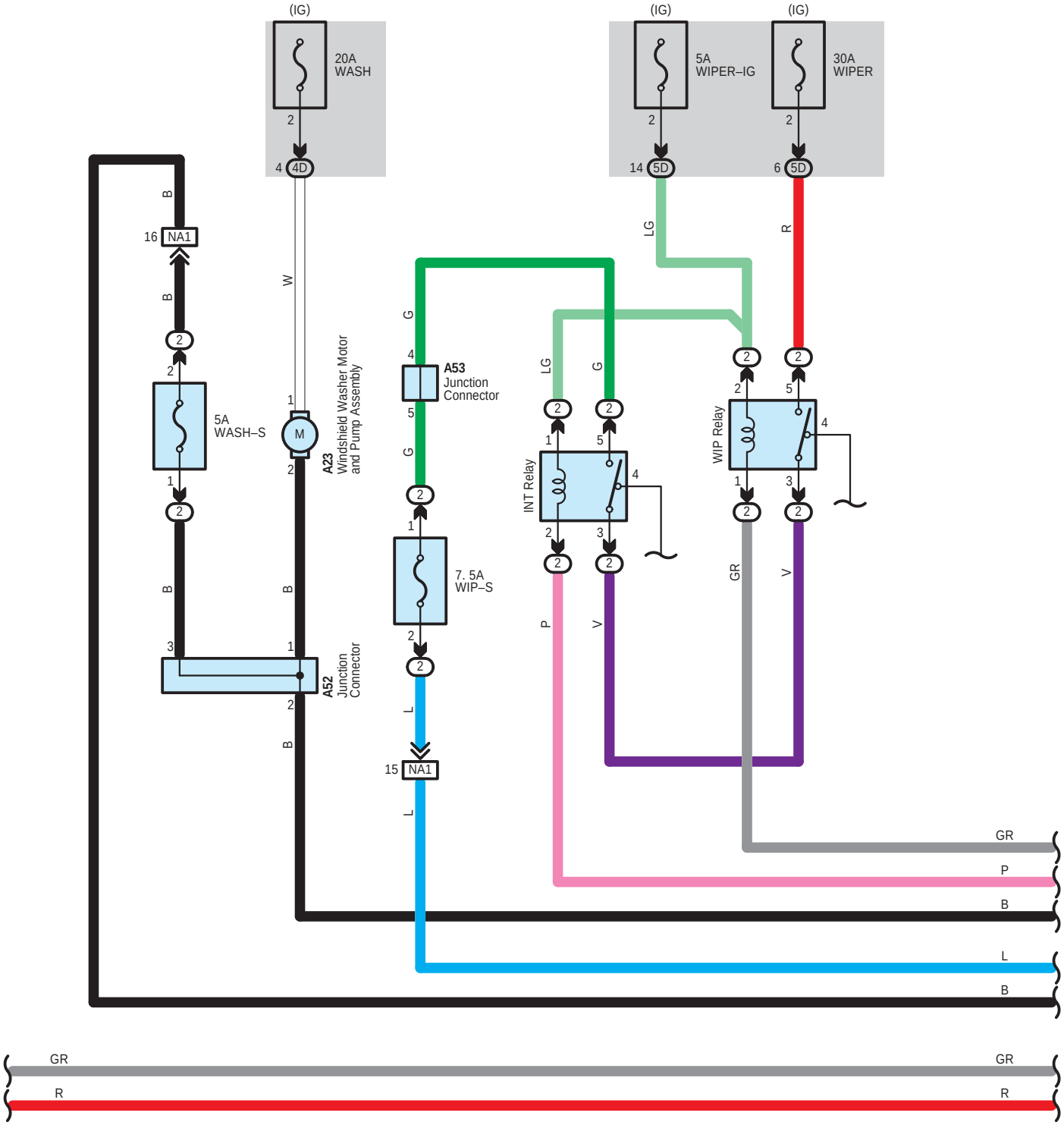
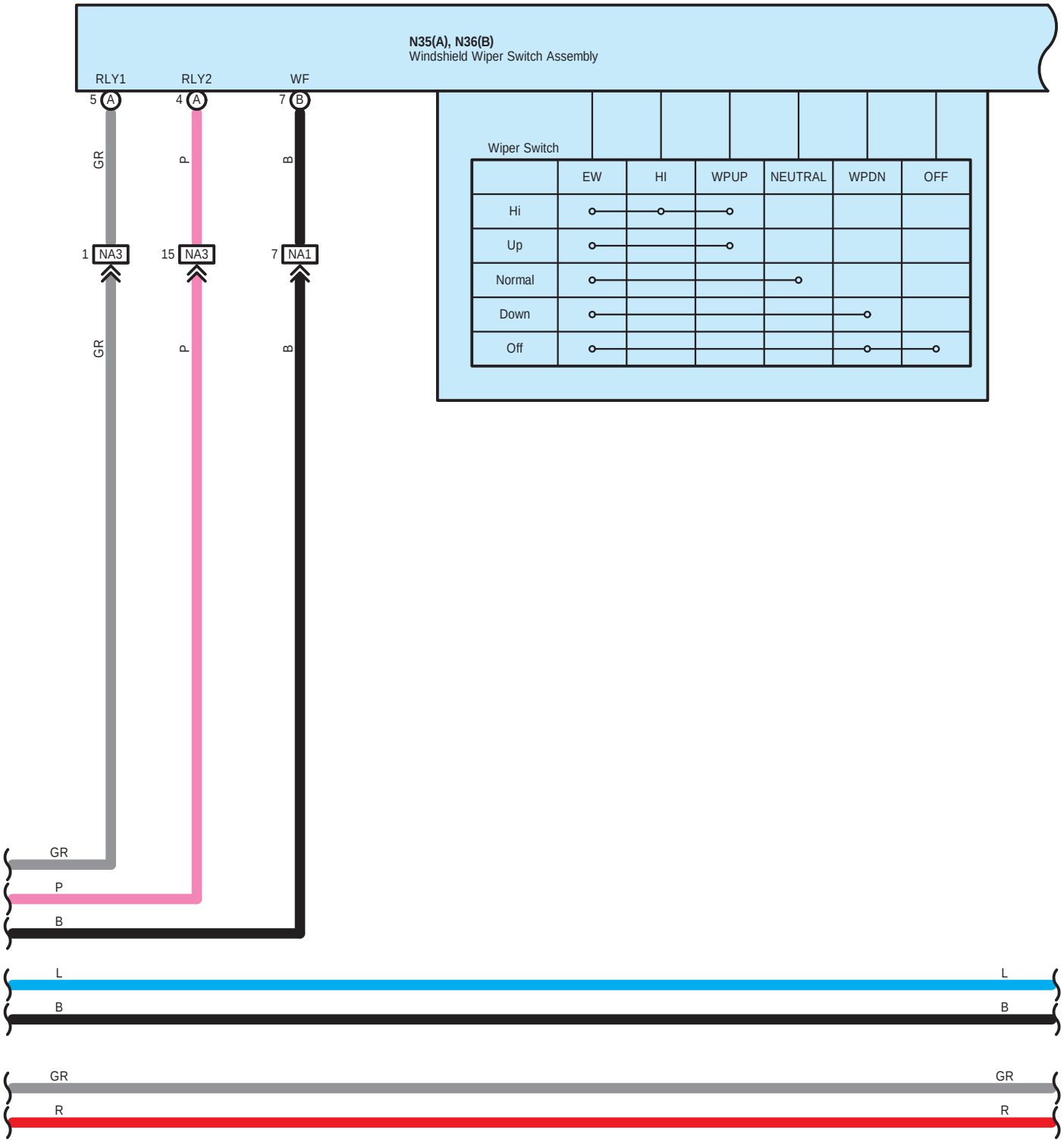
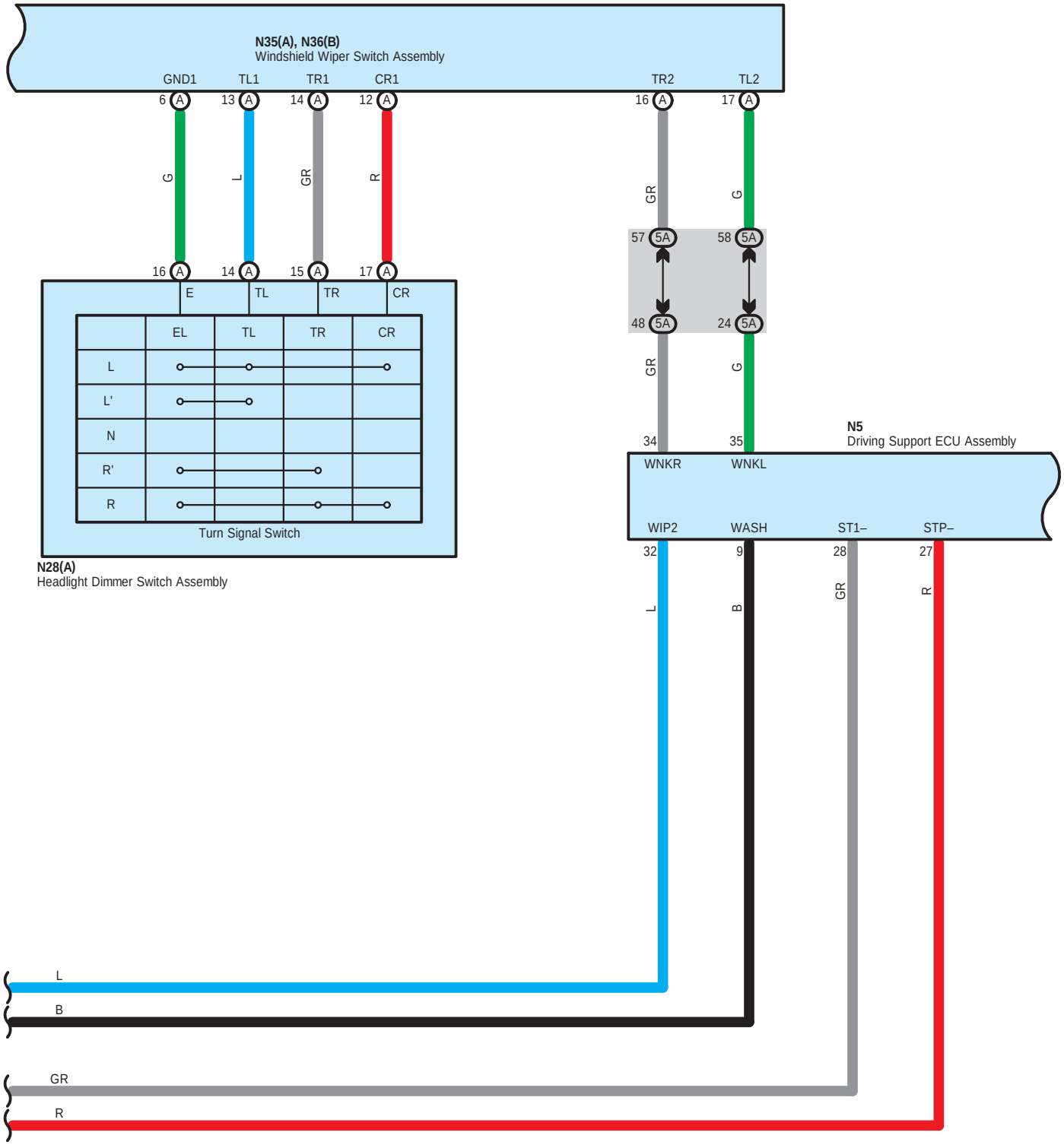
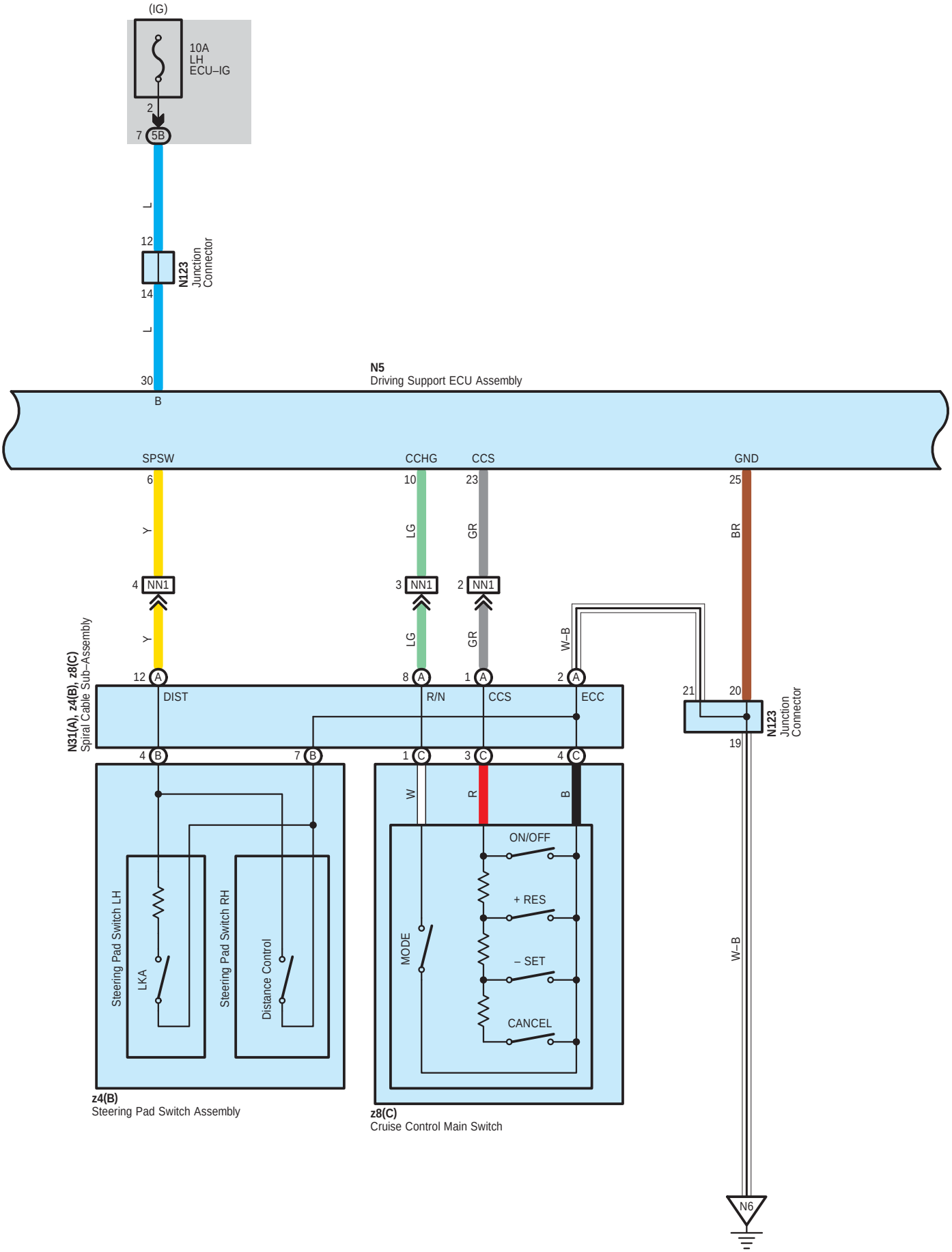
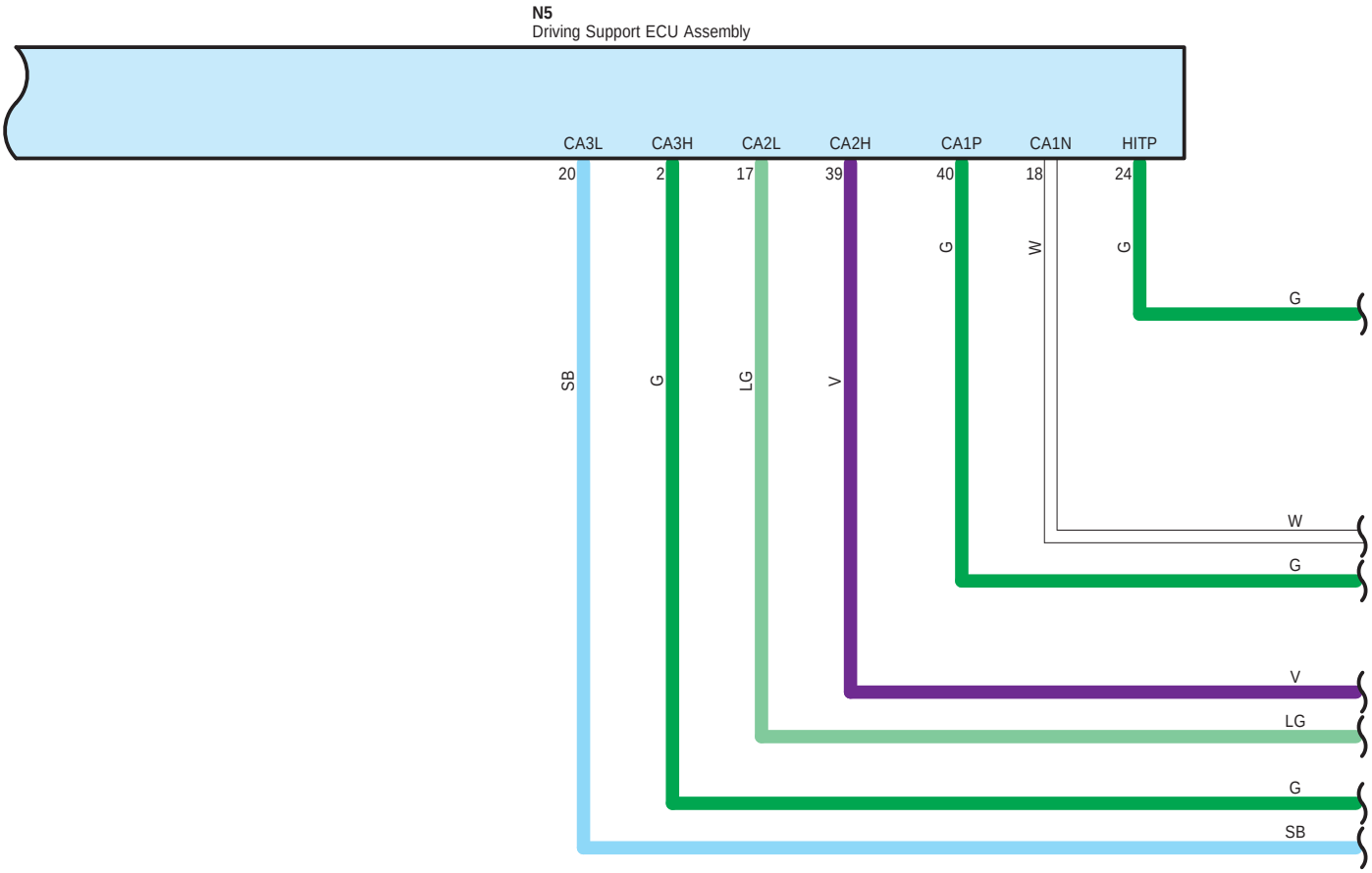

(BAT)
(IG)
7. 5A
STOP
10A
LH–IG2
2
12 5D
2
26 5D
W
B
1
5
B
B
IC1
IC2
GND
L
L
A5
Stop Light Switch Assembly
3
2
4
W–B
R
GR
15 A
4 A (*6)
15 B
10 B (*7)
A51(A), A75(B)
Junction
Connector
12 A
3 A (*6)
12 B
9 B (*7)
W–B
R
17 5D
15 4D
22 4D
1 5B
23 4A
18 4A
R
GR
GR
R
W–B
N3
* 6 : 6–Speed A/T
* 7 : 8–Speed A/T

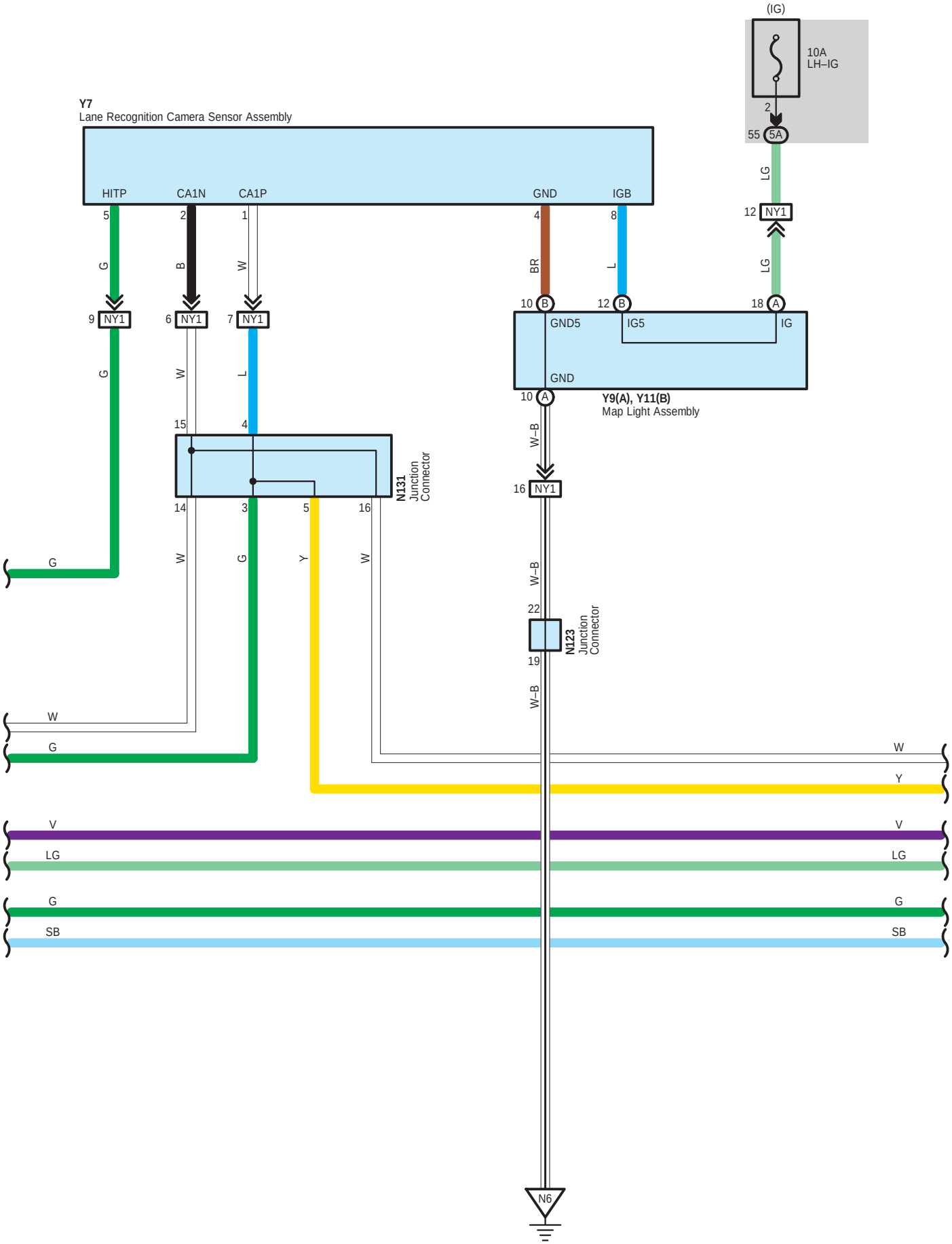

(IG)
20A
WASH
(IG)
5A
WIPER–IG
(IG)
30A
WIPER
4D
5D
5D
NA1
5A
WASH–S
M
A23
Windshield Washer Motor
and Pump Assembly
A53
Junction
Connector
7. 5A
WIP–S
INT Relay
WIP Relay
A52
Junction
Connector
NA1
W
B
G
LG
R
L
P
V
GR

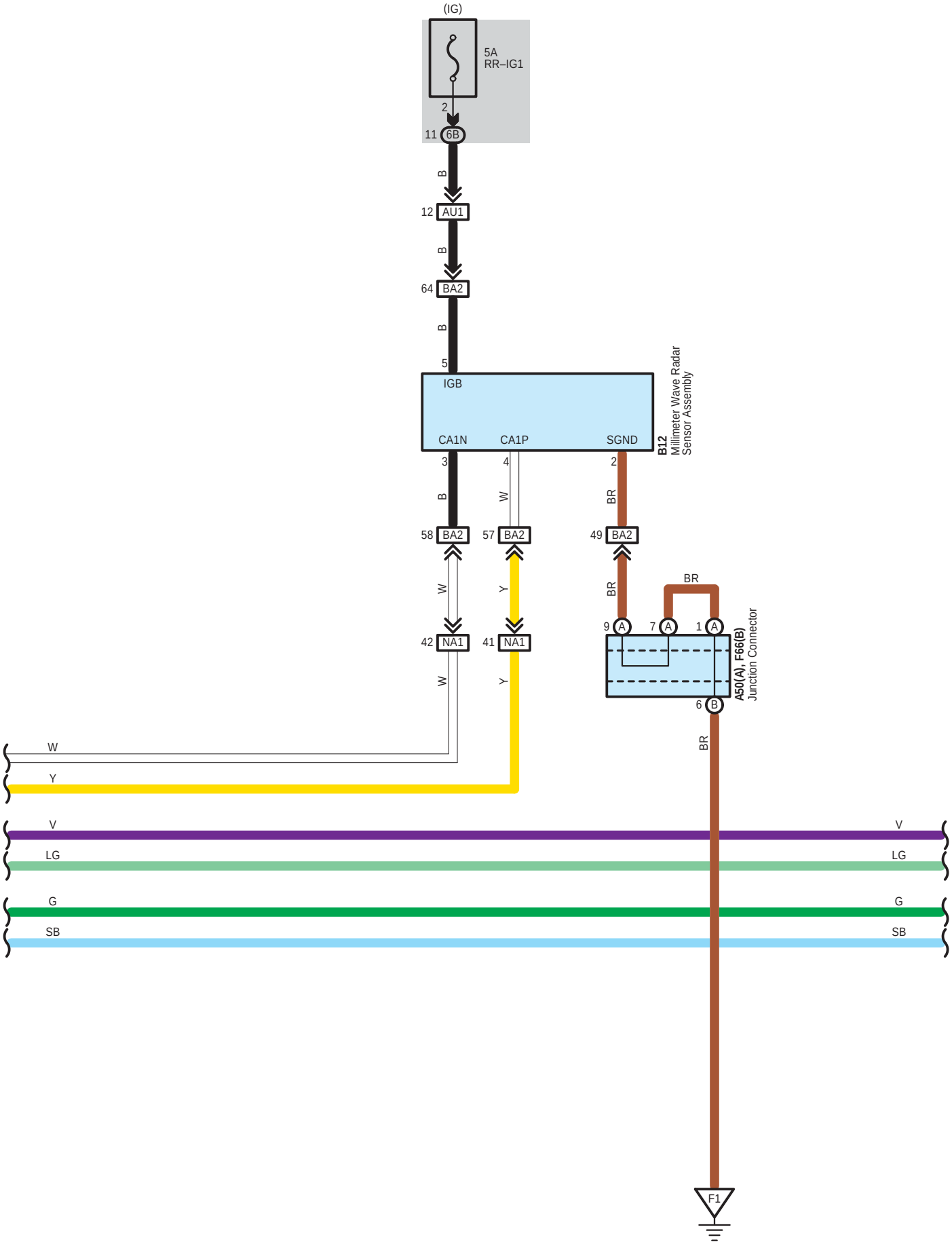

N35(A), N36(B)
Windshield Wiper Switch Assembly
RLY1
RLY2
WF
5 A
4 A
7 B
GR
P
B
1 NA3
15 NA3
7 NA1
GR
P
B
Wiper Switch
EW
HI
WPUP
NEUTRAL
WPDN
OFF
Hi
Up
Normal
Down
Off
GR
P
B
L
L
B
B
GR
GR
R
R

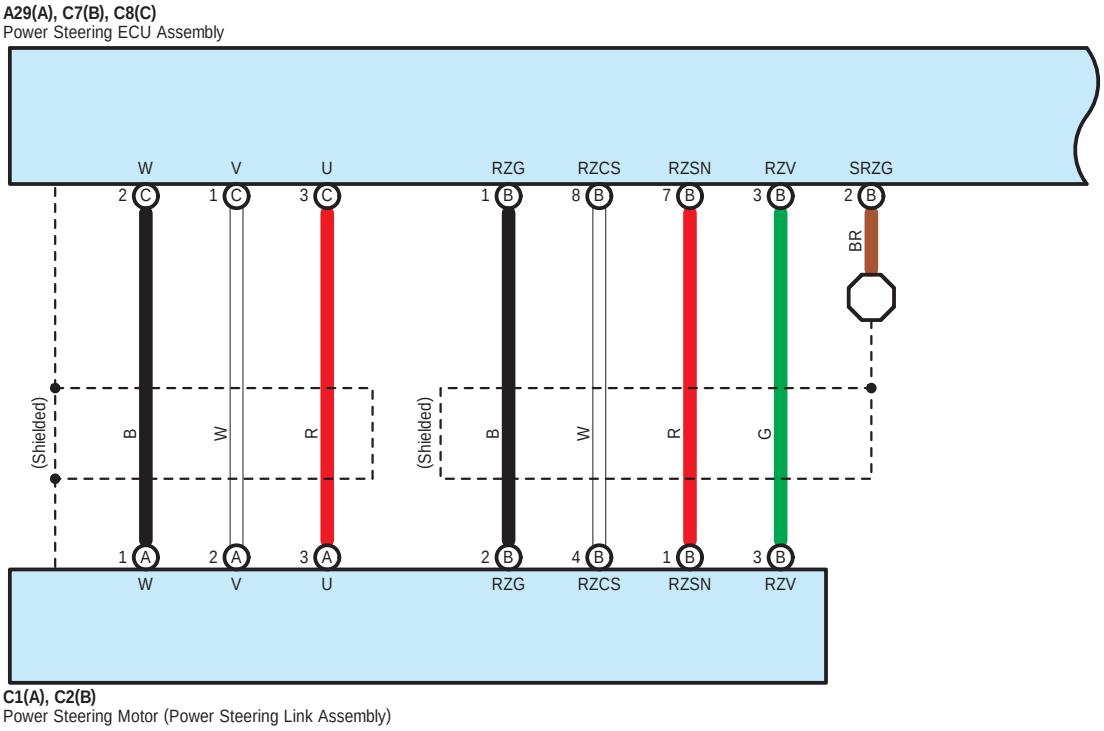

N35(A), N36(B)
Windshield Wiper Switch Assembly
GND1
TL1
TR1
CR1
TR2
TL2
6 A
13 A
14 A
12 A
16 A
17 A
G
L
GR
R
GR
G
57 5A
58 5A
48 5A
24 5A
16 A
14 A
15 A
17 A
E
TL
TR
CR
EL
TL
TR
CR
L
L'
N
R'
R
Turn Signal Switch
N28(A)
Headlight Dimmer Switch Assembly
GR
G
34
35
N5
Driving Support ECU Assembly
WNKR
WNKL
WIP2
WASH
ST1–
STP–
32
9
28
27
L
B
GR
R
L
B
GR
R


(IG)
10A
LH
ECU–IG
2
7 5B
L
12
N123
Junction
Connector
14
L
30
B
N5
Driving Support ECU Assembly
SPSW
CCHG
CCS
GND
6
10
23
25
Y
LG
GR
BR
4 NN1
3 NN1
2 NN1
Y
LG
GR
W–B
N31(A), z4(B), z8(C)
Spiral Cable Sub–Assembly
12 A
8 A
1 A
2 A
DIST
R/N
CCS
ECC
21
20
N123
Junction
Connector
19
4 B
7 B
1 C
3 C
4 C
W
R
B
Steering Pad Switch LH
LKA
Steering Pad Switch RH
Distance Control
MODE
ON/OFF
+ RES
– SET
CANCEL
W–B
N6
z4(B)
Steering Pad Switch Assembly
z8(C)
Cruise Control Main Switch

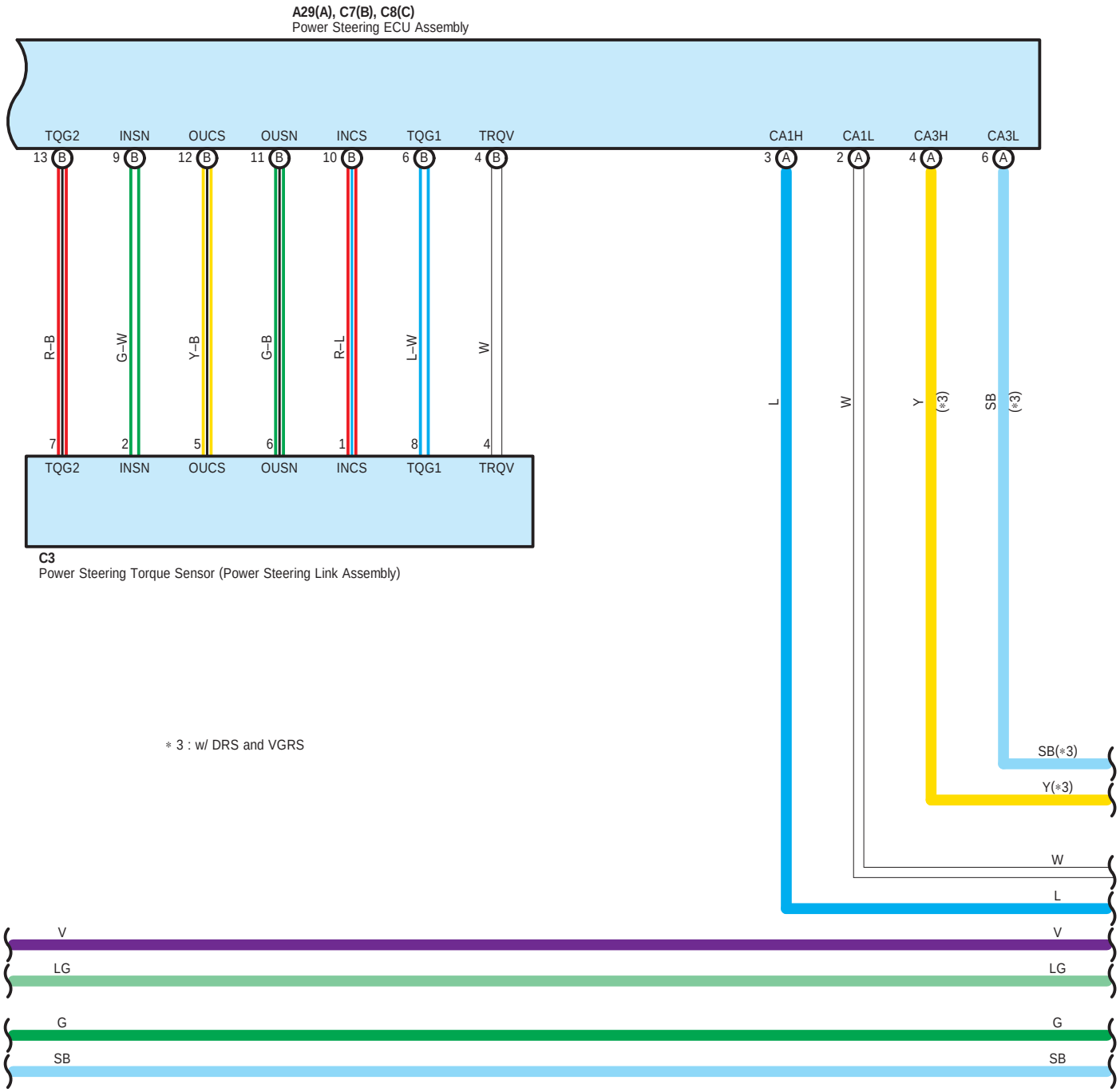

N5
Driving Support ECU Assembly
CA3L
CA3H
CA2L
CA2H
CA1P
CA1N
HITP
20
2
17
39
40
18
24
SB
G
LG
V
G
W
G
G
W
G
V
LG
G
SB

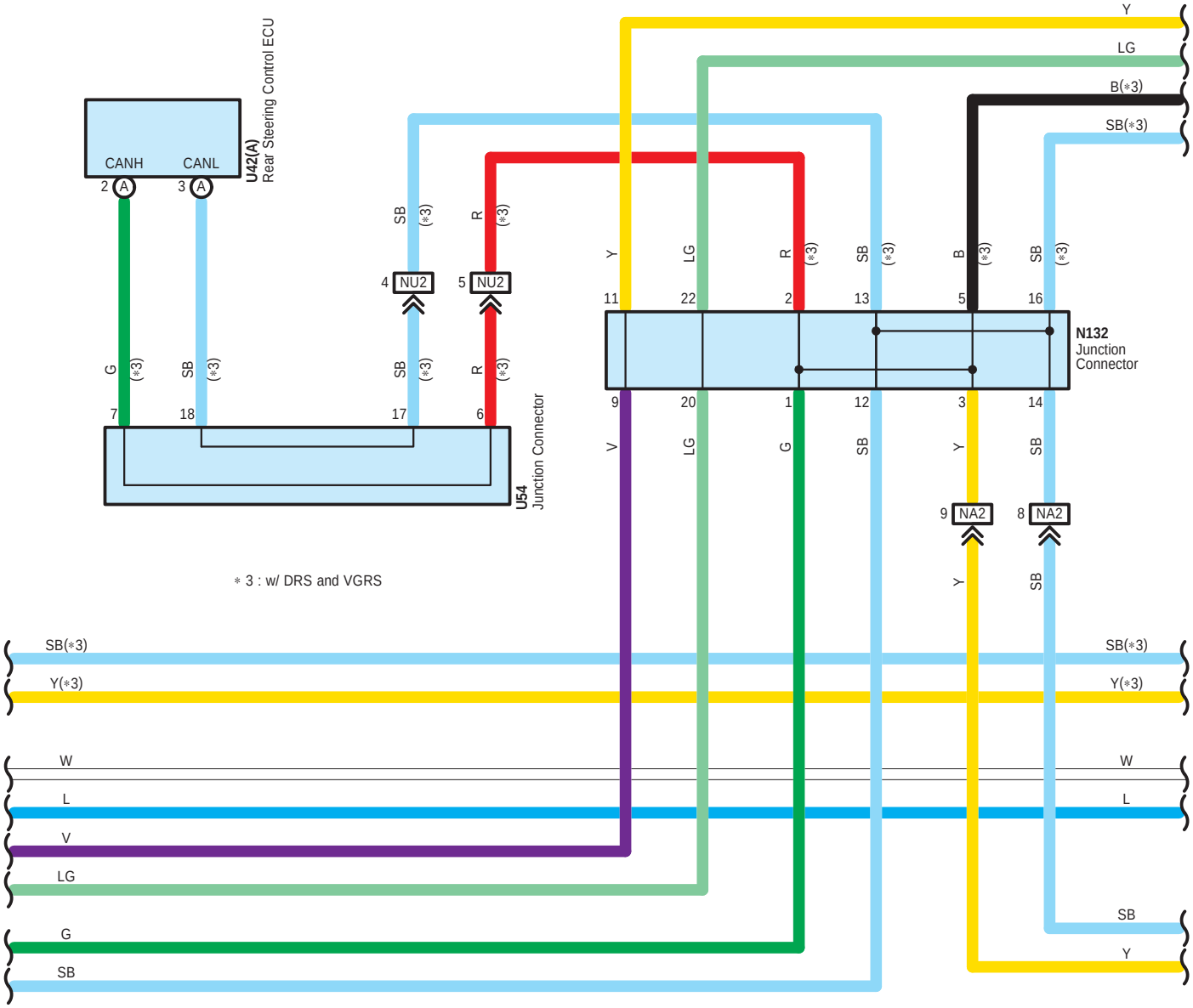

(IG)
10A
LH–IG
2
55 5A
LG
12 NY1
LG
Y7
Lane Recognition Camera Sensor Assembly
HITP
CA1N
CA1P
GND
IGB
5
2
1
4
8
G
B
W
BR
L
9 NY1
6 NY1
7 NY1
10 B
12 B
18 A
GND5
IG5
IG
GND
10 A
Y9(A), Y11(B)
Map Light Assembly
G
W
L
15
4
W–B
N131
Junction
Connector
16 NY1
14
3
5
16
G
W
G
Y
W
W–B
22
N123
Junction
Connector
19
W–B
W
G
W
Y
V
V
LG
LG
G
G
SB
SB
N6

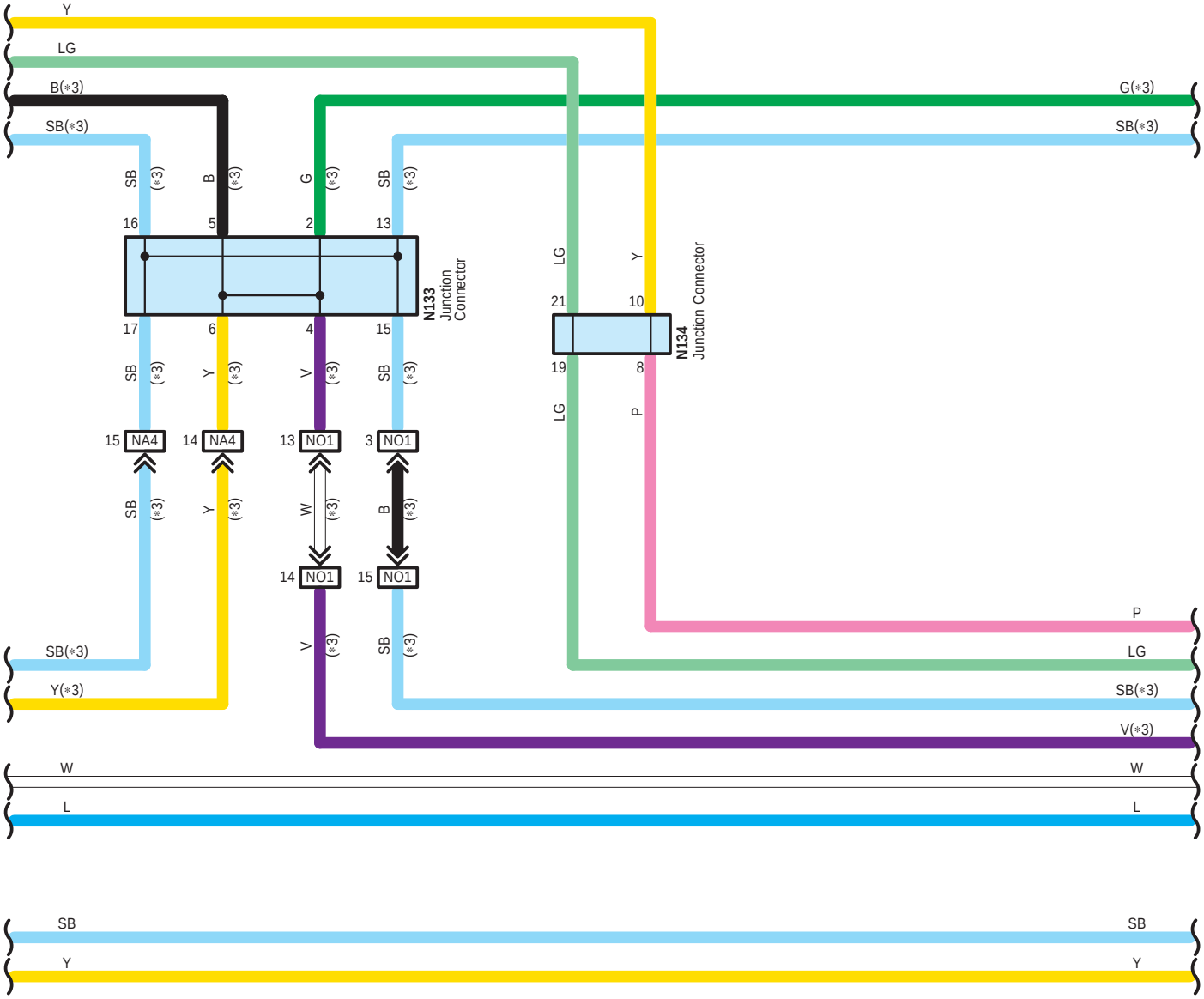

(IG)
5A
RR–IG1
2
11 6B
B
12 AU1
B
64 BA2
B
5
IGB
CA1N
CA1P
SGND
B12
Millimeter Wave Radar
Sensor Assembly
3
4
2
B
W
BR
58 BA2
57 BA2
49 BA2
W
Y
BR
BR
42 NA1
41 NA1
9 A
7 A
1 A
A50(A), F66(B)
Junction Connector
6 B
W
Y
BR
W
Y
V
V
LG
LG
G
G
SB
SB
F1

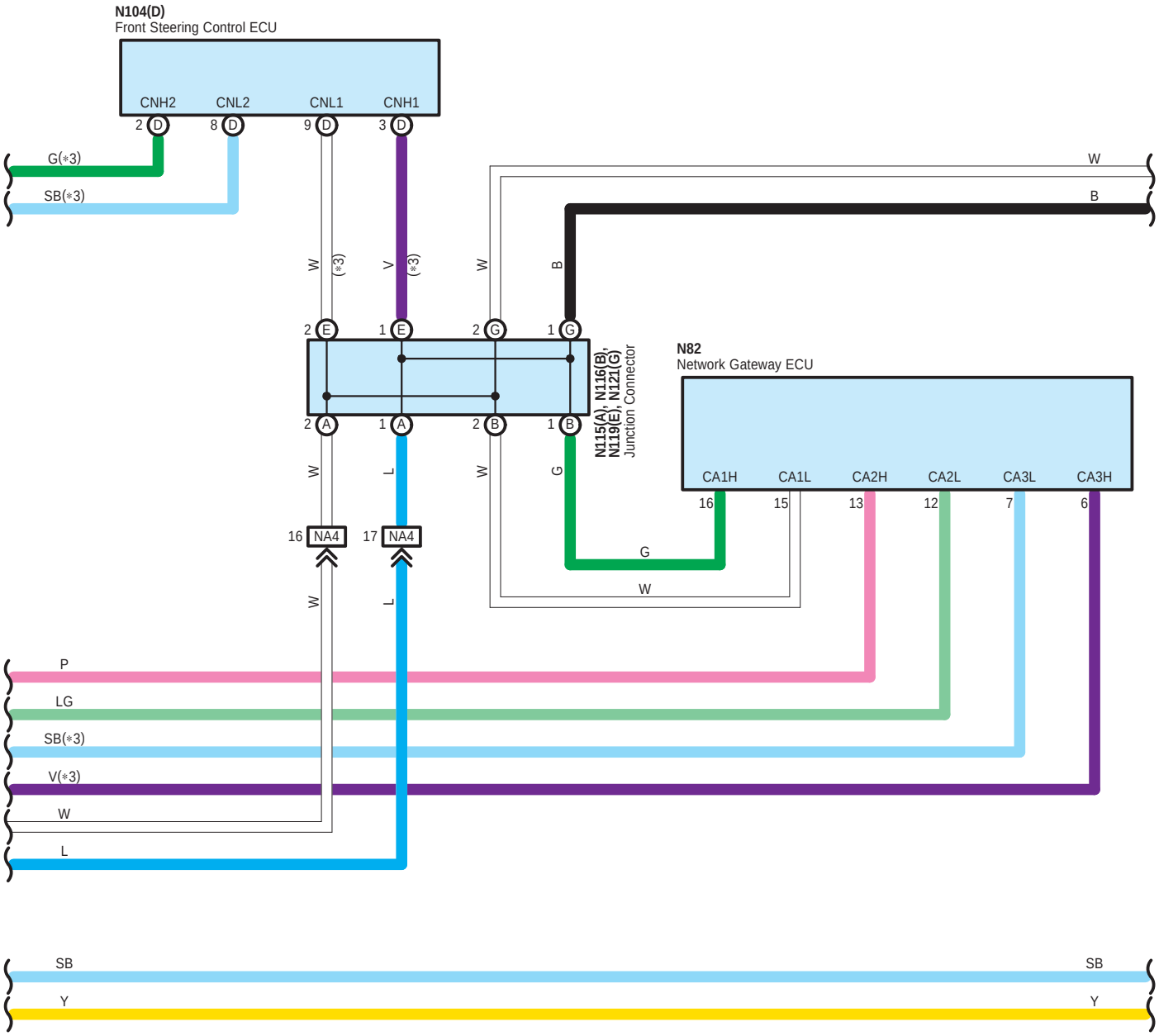

A29(A), C7(B), C8(C)
Power Steering ECU Assembly
W
V
U
RZG
RZCS
RZSN
RZV
SRZG
2 C
1 C
3 C
1 B
8 B
7 B
3 B
2 B
BR
(Shielded)
B
W
R
(Shielded)
B
W
R
G
1 A
2 A
3 A
2 B
4 B
1 B
3 B
W
V
U
RZG
RZCS
RZSN
RZV
C1(A), C2(B)
Power Steering Motor (Power Steering Link Assembly)

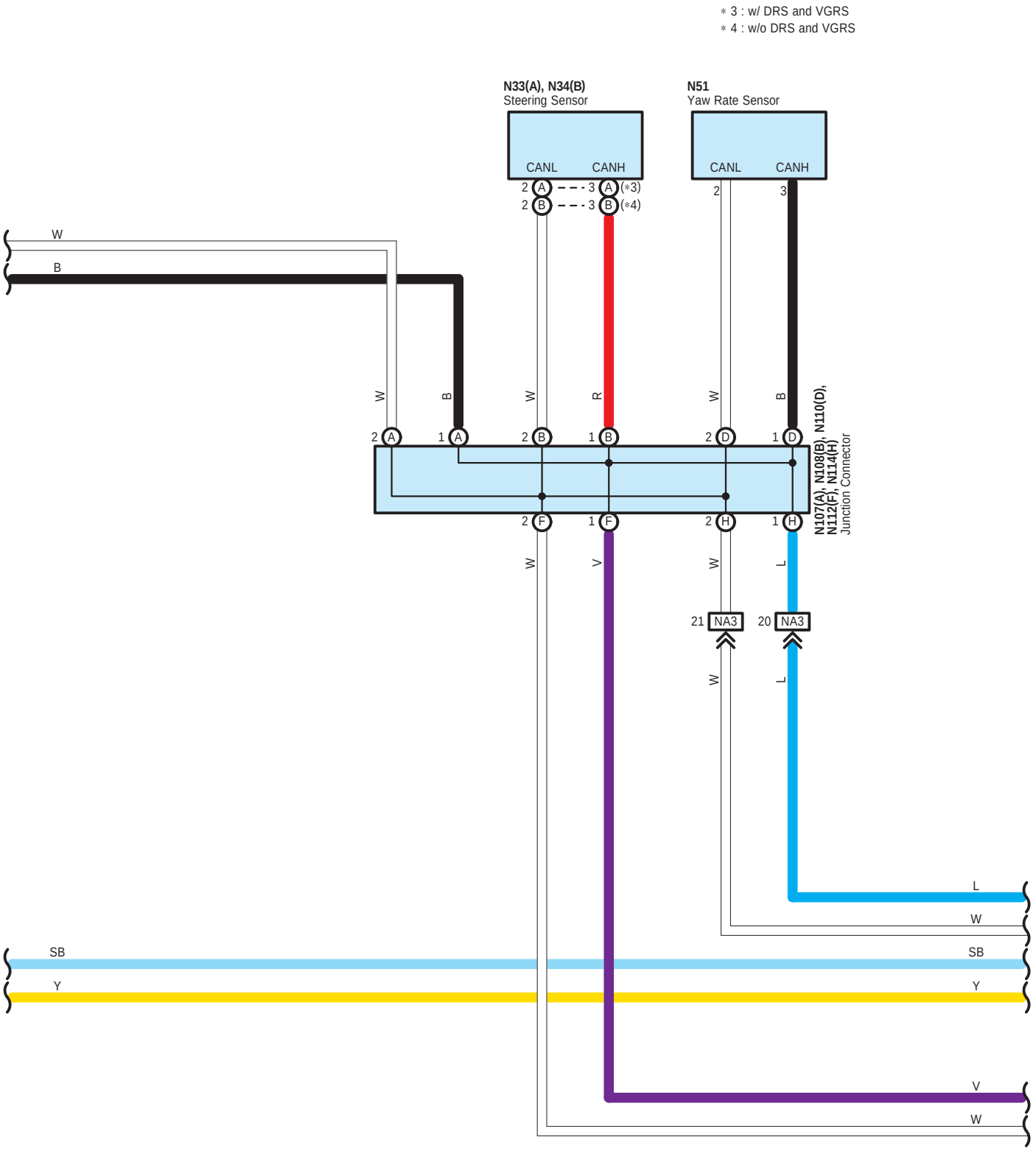
V
V
LG
LG
G
G
SB
SB

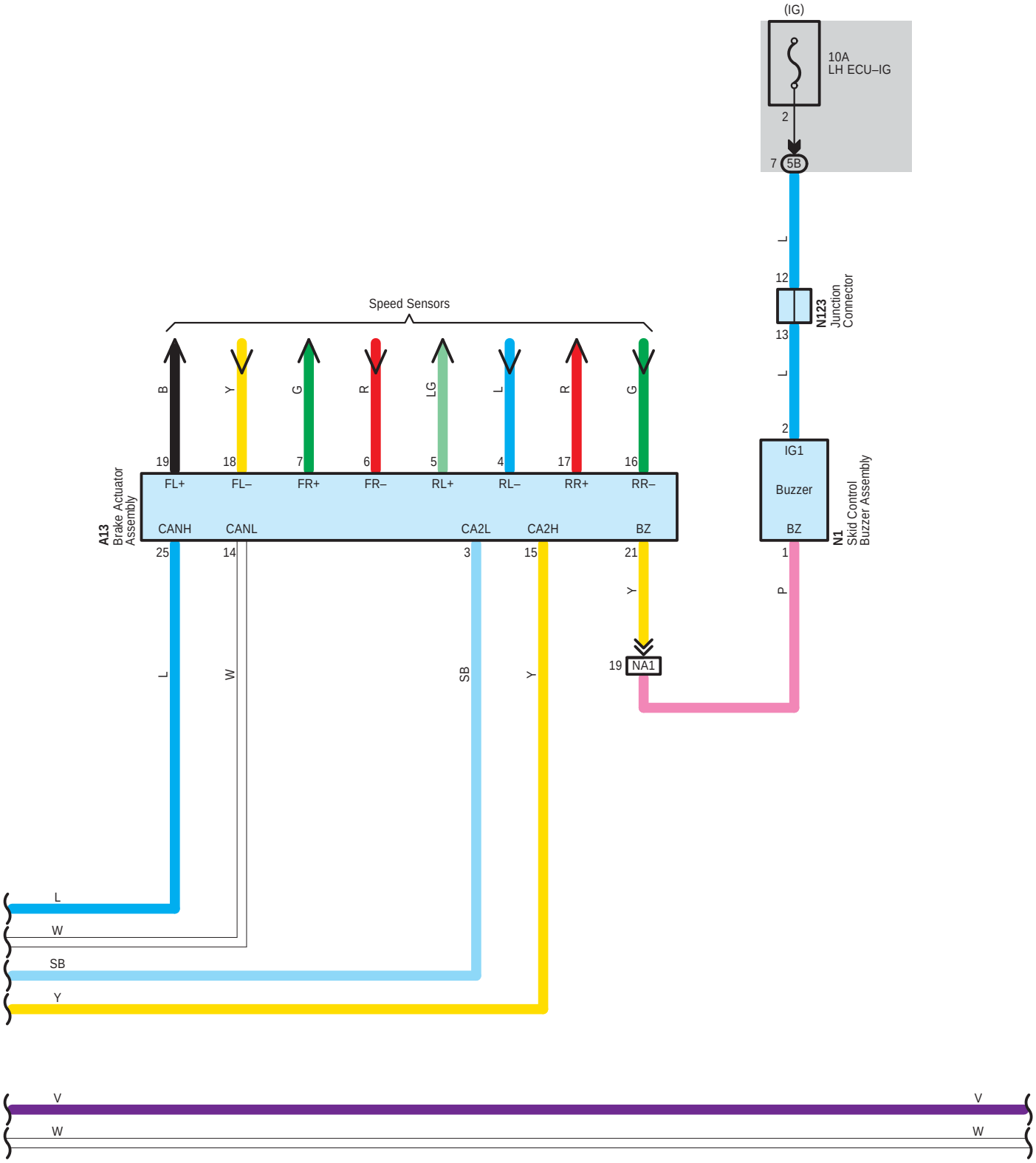

A29(A), C7(B), C8(C)
Power Steering ECU Assembly
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
CA1H
CA1L
CA3H
CA3L
13 B
9 B
12 B
11 B
10 B
6 B
4 B
3 A
2 A
4 A
6 A
R–B
G–W
Y–B
G–B
R–L
L–W
W
L
W
Y
(*3)
SB
(*3)
7
2
5
6
1
8
4
TQG2
INSN
OUCS
OUSN
INCS
TQG1
TRQV
C3
Power Steering Torque Sensor (Power Steering Link Assembly)
* 3 : w/ DRS and VGRS
SB(*3)
Y(*3)
W
L
V
V
LG
LG
G
G
SB
SB

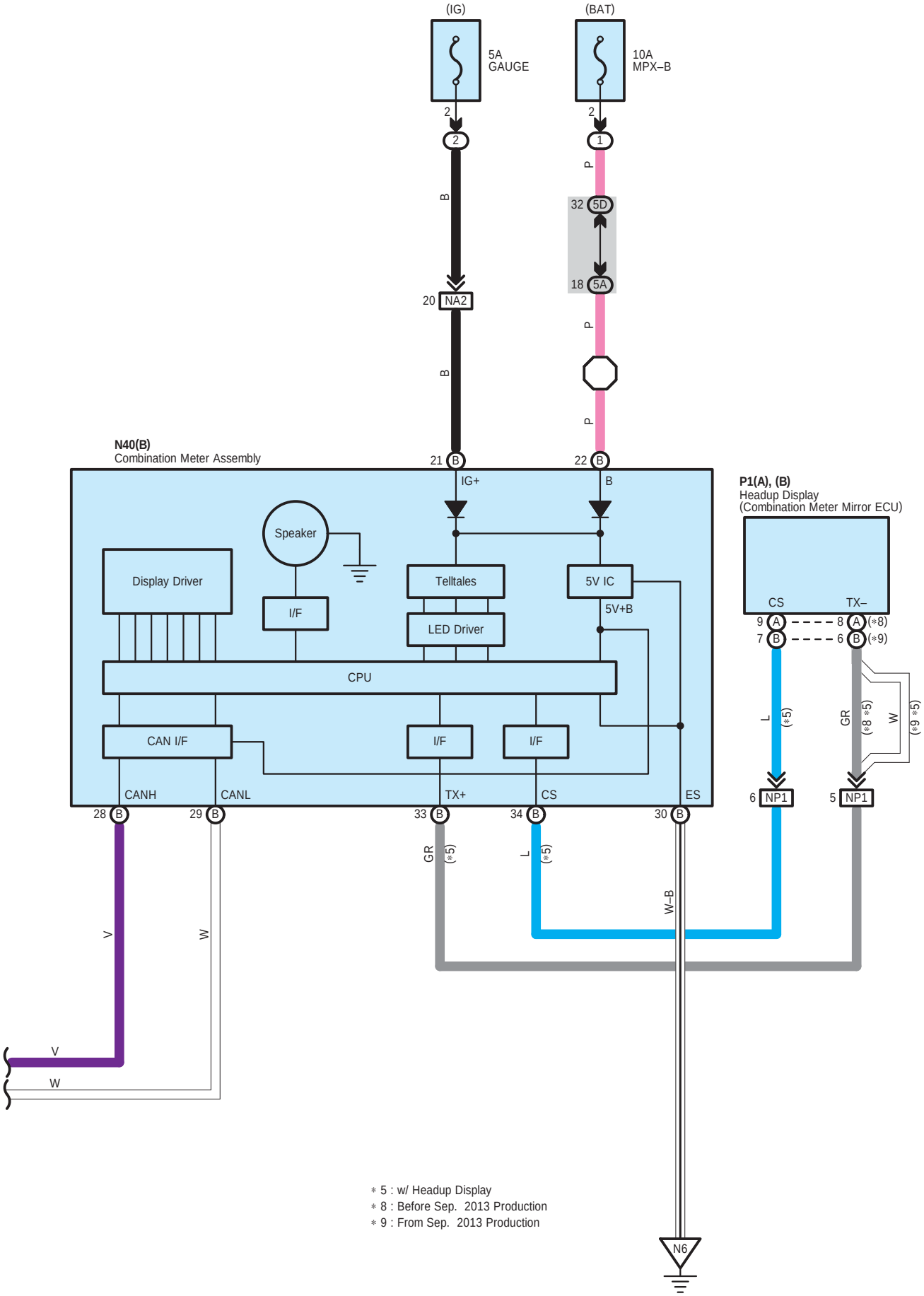

U42(A)
Rear Steering Control ECU
CANH
CANL
2 A
3 A
SB (*3)
R (*3)
4 NU2
5 NU2
G (*3)
SB (*3)
SB (*3)
R (*3)
7
18
17
6
U54
Junction Connector
Y
LG
B(*3)
SB(*3)
Y
LG
R (*3)
SB (*3)
B (*3)
SB (*3)
11
22
2
13
5
16
N132
Junction
Connector
9
20
1
12
3
14
V
LG
G
SB
Y
SB
9 NA2
8 NA2
Y
SB
* 3 : w/ DRS and VGRS
SB(*3)
Y(*3)
W
L
V
LG
G
SB
SB(*3)
Y(*3)
W
L
SB
Y


Y
LG
B(*3)
SB(*3)
G(*3)
SB(*3)
SB (*3)
B (*3)
G (*3)
SB (*3)
16
5
2
13
N133
Junction
Connector
17
6
4
15
LG
Y
21
10
N134
Junction Connector
19
8
LG
P
SB (*3)
Y (*3)
V (*3)
SB (*3)
15 NA4
14 NA4
13 NO1
3 NO1
SB (*3)
Y (*3)
W (*3)
B (*3)
14 NO1
15 NO1
V (*3)
SB (*3)
P
LG
SB(*3)
V(*3)
SB(*3)
Y(*3)
W
W
L
L
SB
SB
Y
Y


N104(D)
Front Steering Control ECU
CNH2
CNL2
CNL1
CNH1
2 D
8 D
9 D
3 D
G(*3)
SB(*3)
W
B
W (*3)
V (*3)
W
B
2 E
1 E
2 G
1 G
N115(A), N116(B), N119(E), N121(G)
Junction Connector
N82
Network Gateway ECU
2 A
1 A
2 B
1 B
W
L
W
G
CA1H
CA1L
CA2H
CA2L
CA3L
CA3H
16
15
13
12
7
6
16 NA4
17 NA4
G
W
W
L
P
LG
SB(*3)
V(*3)
W
L
SB
SB
Y
Y

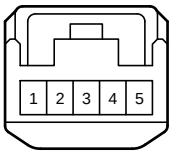

∗ 3 : w/ DRS and VGRS
∗ 4 : w/o DRS and VGRS
N33(A), N34(B)
Steering Sensor
CANL
CANH
N51
Yaw Rate Sensor
CANL
CANH
(∗3)
(∗4)
N107(A), N108(B), N110(D),
N112(F), N114(H)
Junction Connector
NA3
NA3
W
B
SB
Y
L
V


(IG)
10A
LH ECU–IG
2
7 5B
L
12
N123
Junction
Connector
13
L
2
IG1
Buzzer
BZ
N1
Skid Control
Buzzer Assembly
1
P
Speed Sensors
B
Y
G
R
LG
L
R
G
19
18
7
6
5
4
17
16
A13
Brake Actuator
Assembly
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANH
CANL
CA2L
CA2H
BZ
25
14
3
15
21
Y
19 NA1
L
W
SB
Y
L
W
SB
Y
V
W
V
W

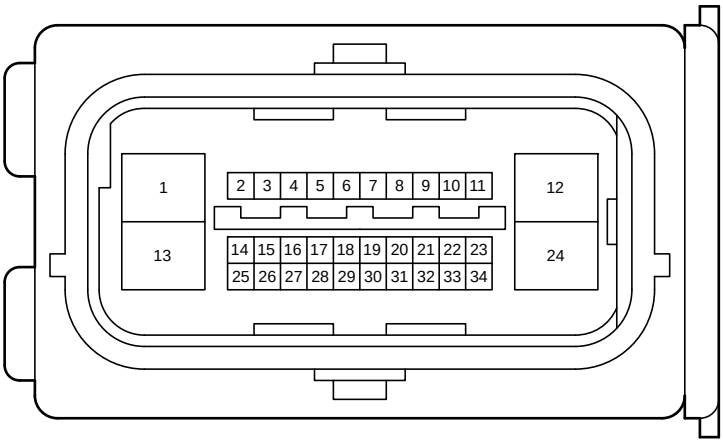


* 5 : w/ Headup Display
* 8 : Before Sep. 2013 Production
* 9 : From Sep. 2013 Production

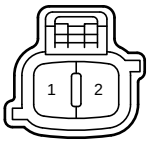
A 5
White



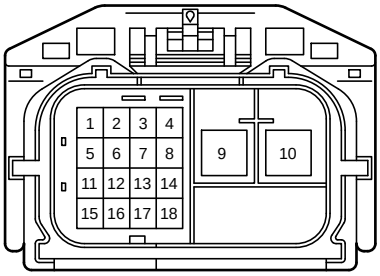
A 13
Black



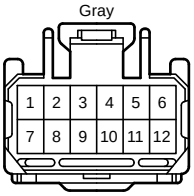
A 23
Black



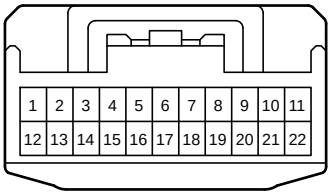
A 29
Black



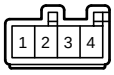
A 50
Gray



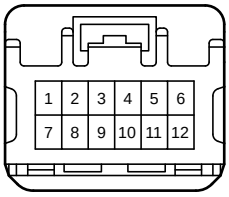
A 51
Blue



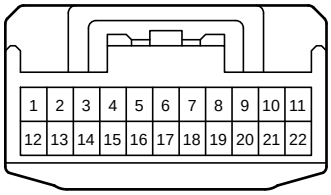
A 52
Black



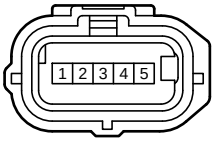
A 53
Black



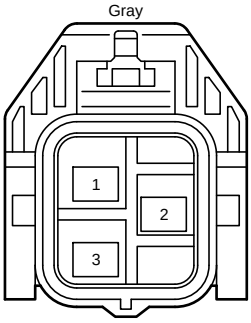
A 75
White



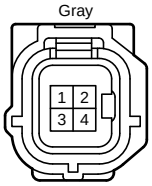
B 12
Black



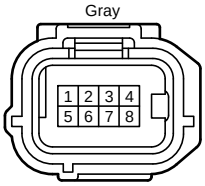
C 1
Gray



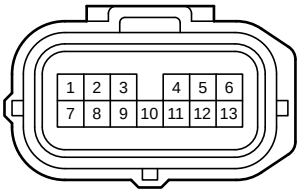
C 2
Gray



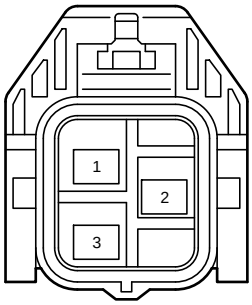
C 3
Gray



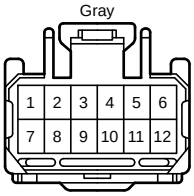
C 7
Black



C 8
Black



F 66
Gray



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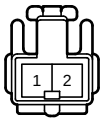

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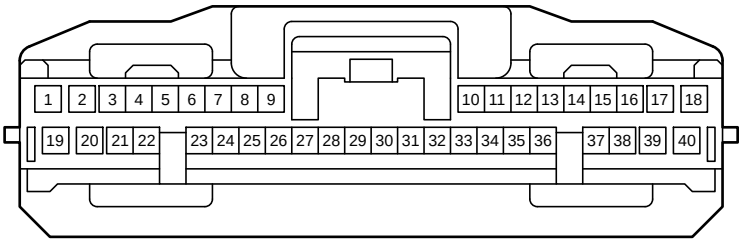

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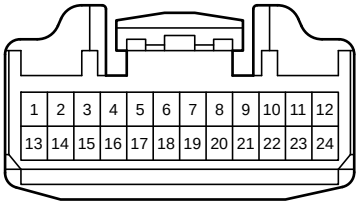

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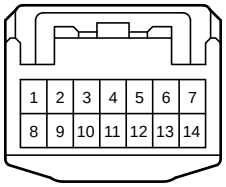

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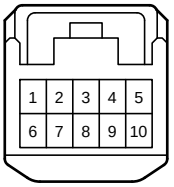

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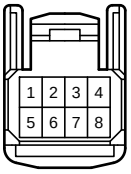

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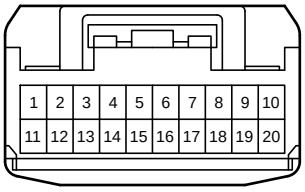

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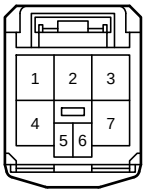

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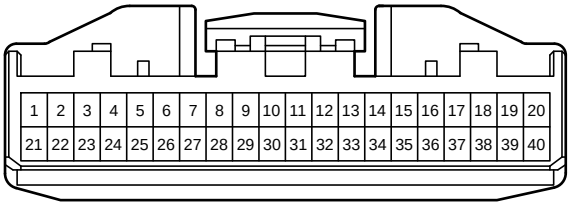

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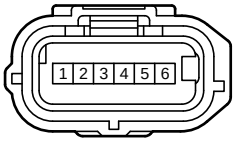

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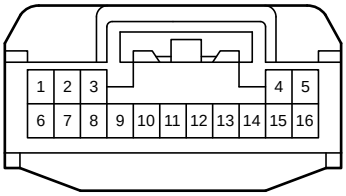

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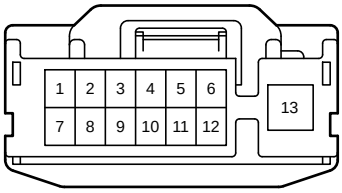

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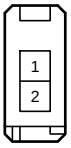

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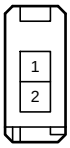

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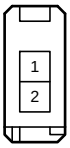

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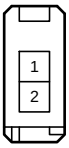

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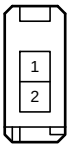

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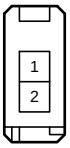

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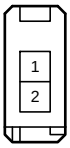

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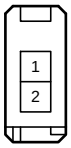

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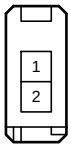

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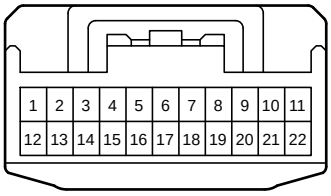

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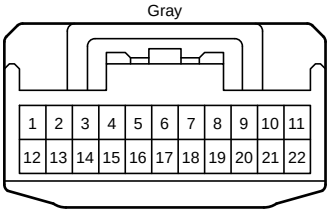

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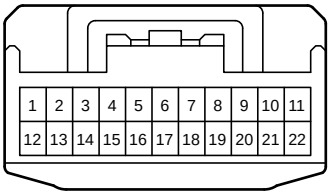

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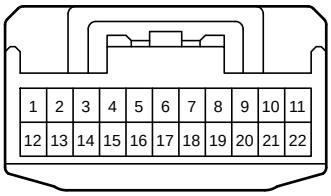

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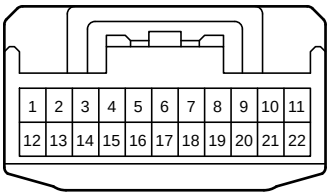

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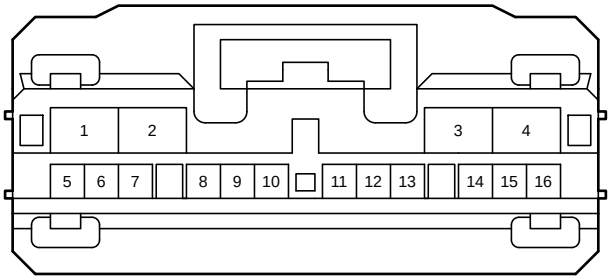

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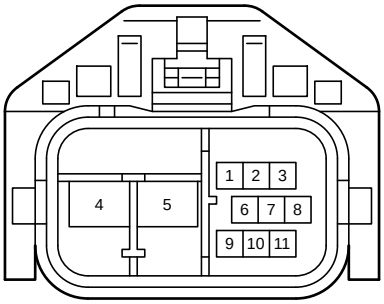

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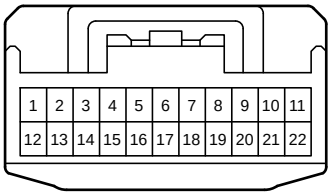

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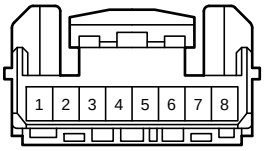

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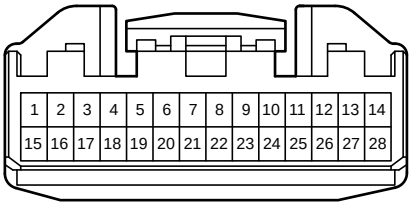

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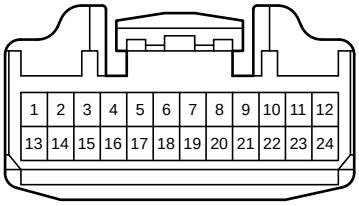

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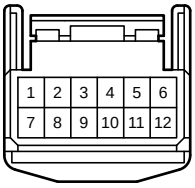

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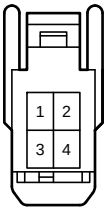

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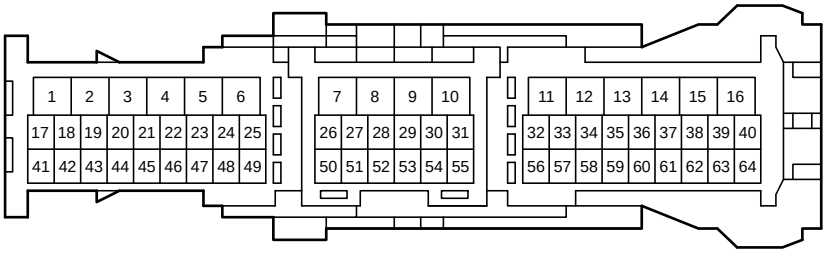

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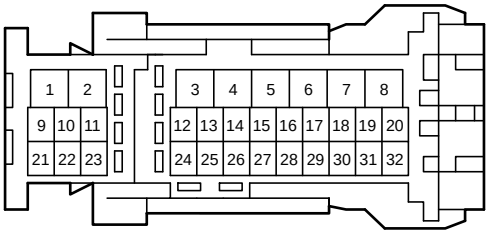

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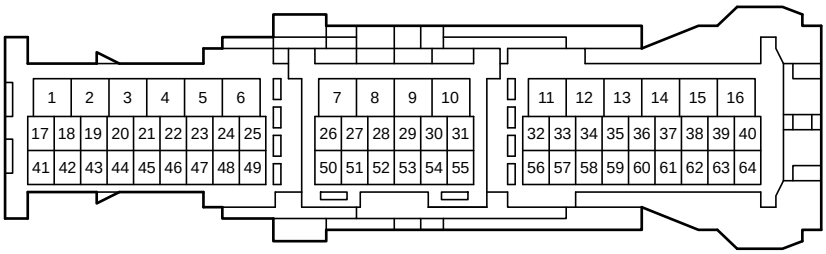

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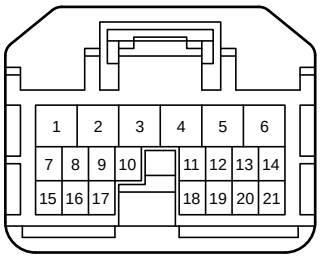

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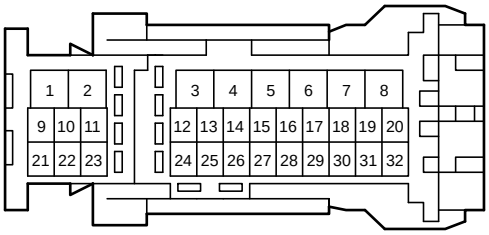

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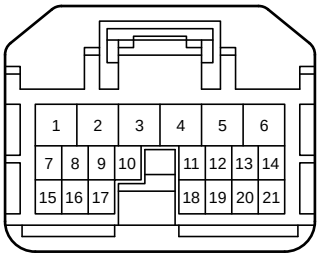

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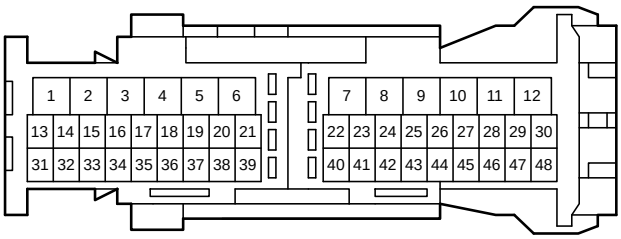

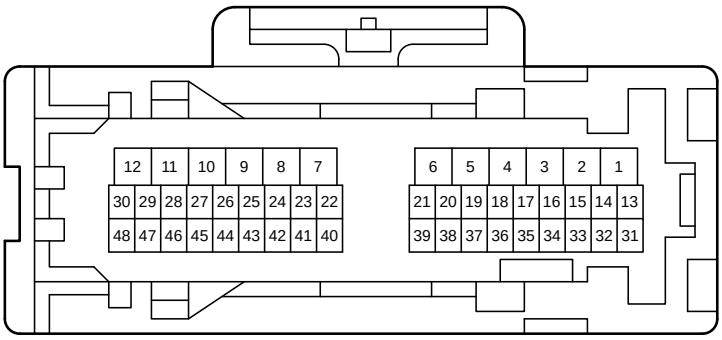

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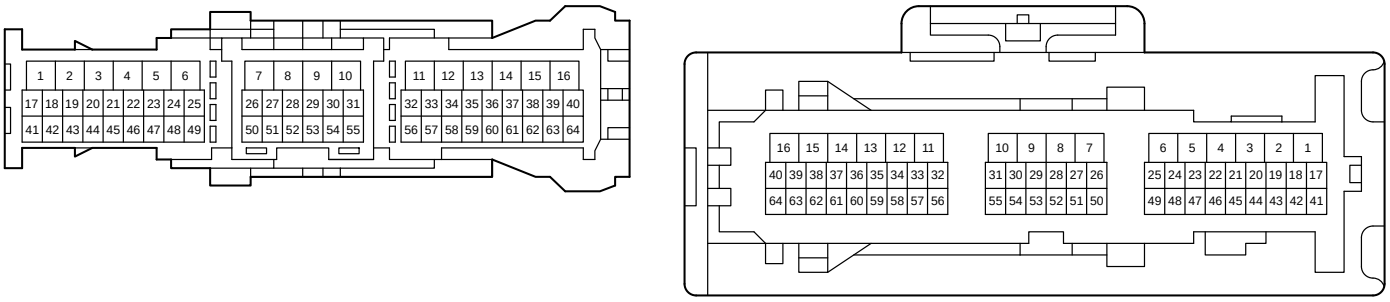

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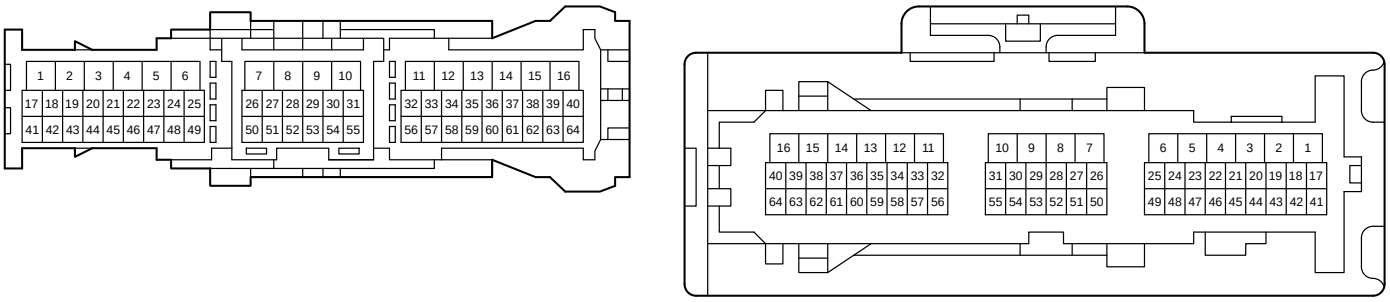

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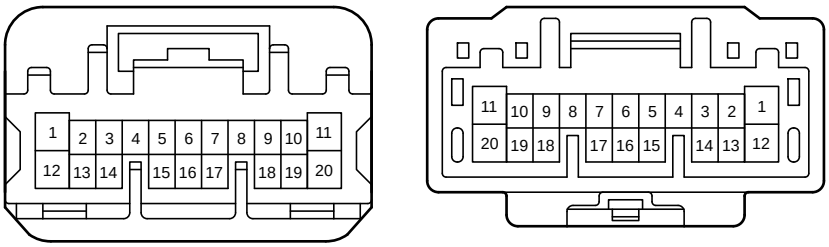

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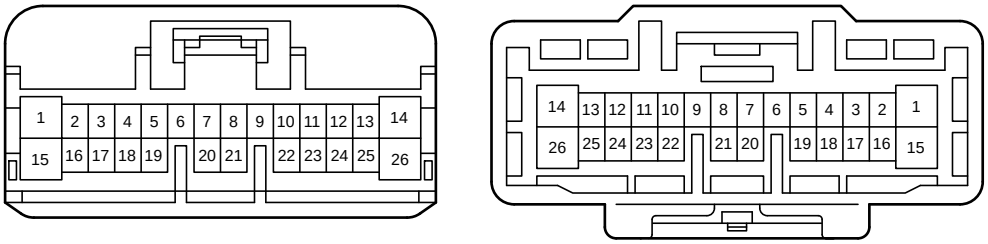

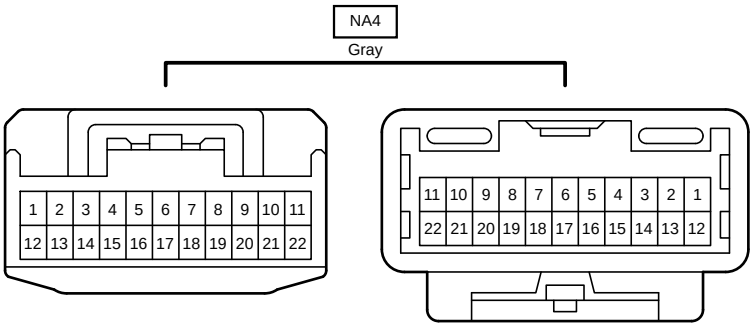
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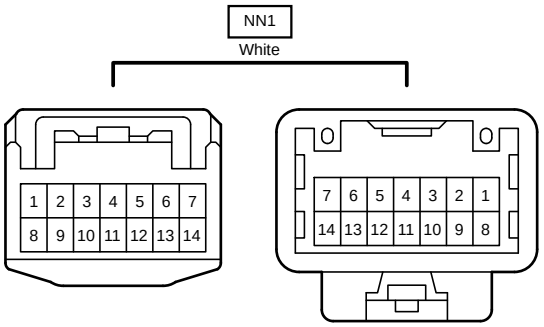
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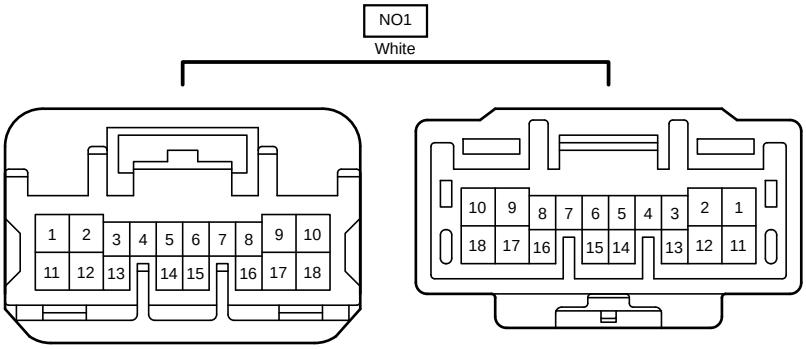
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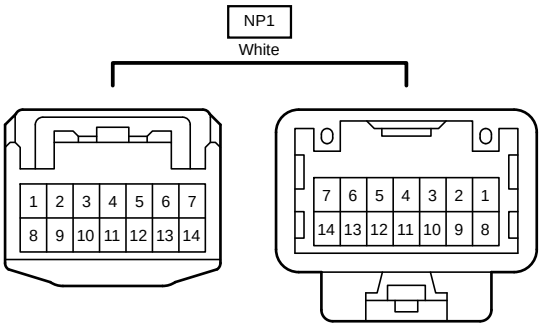
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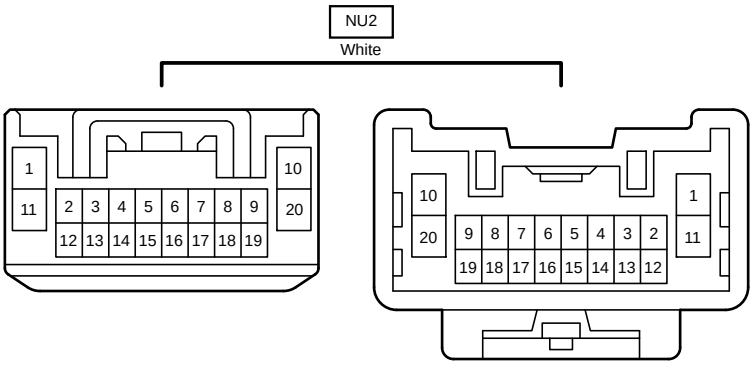
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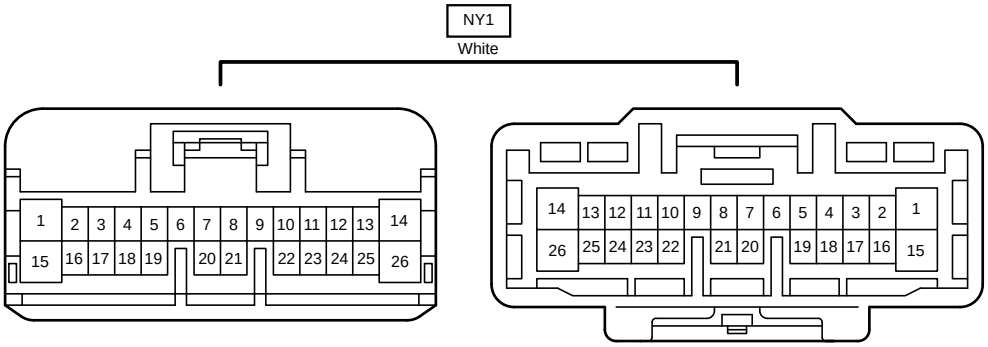
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