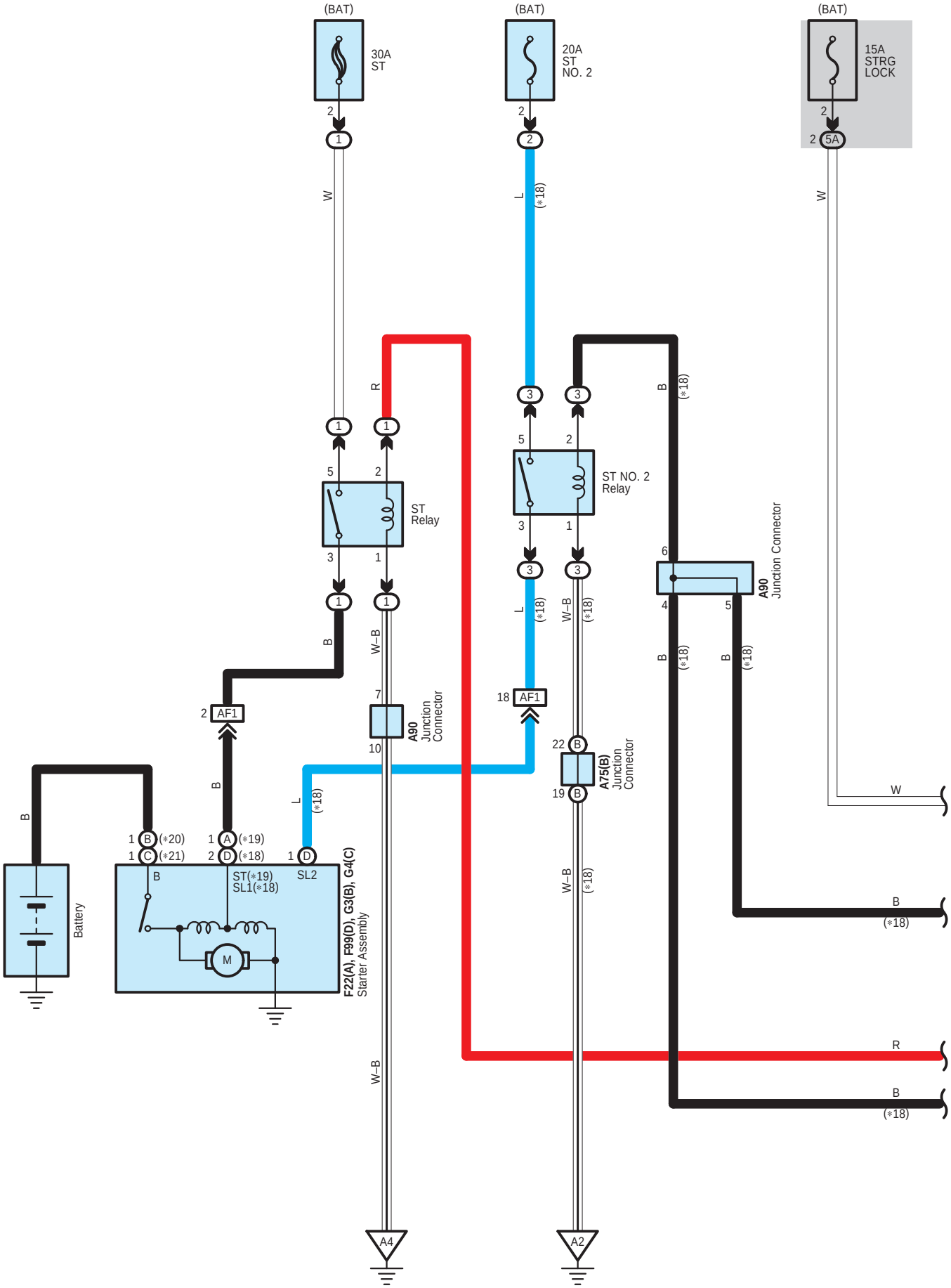
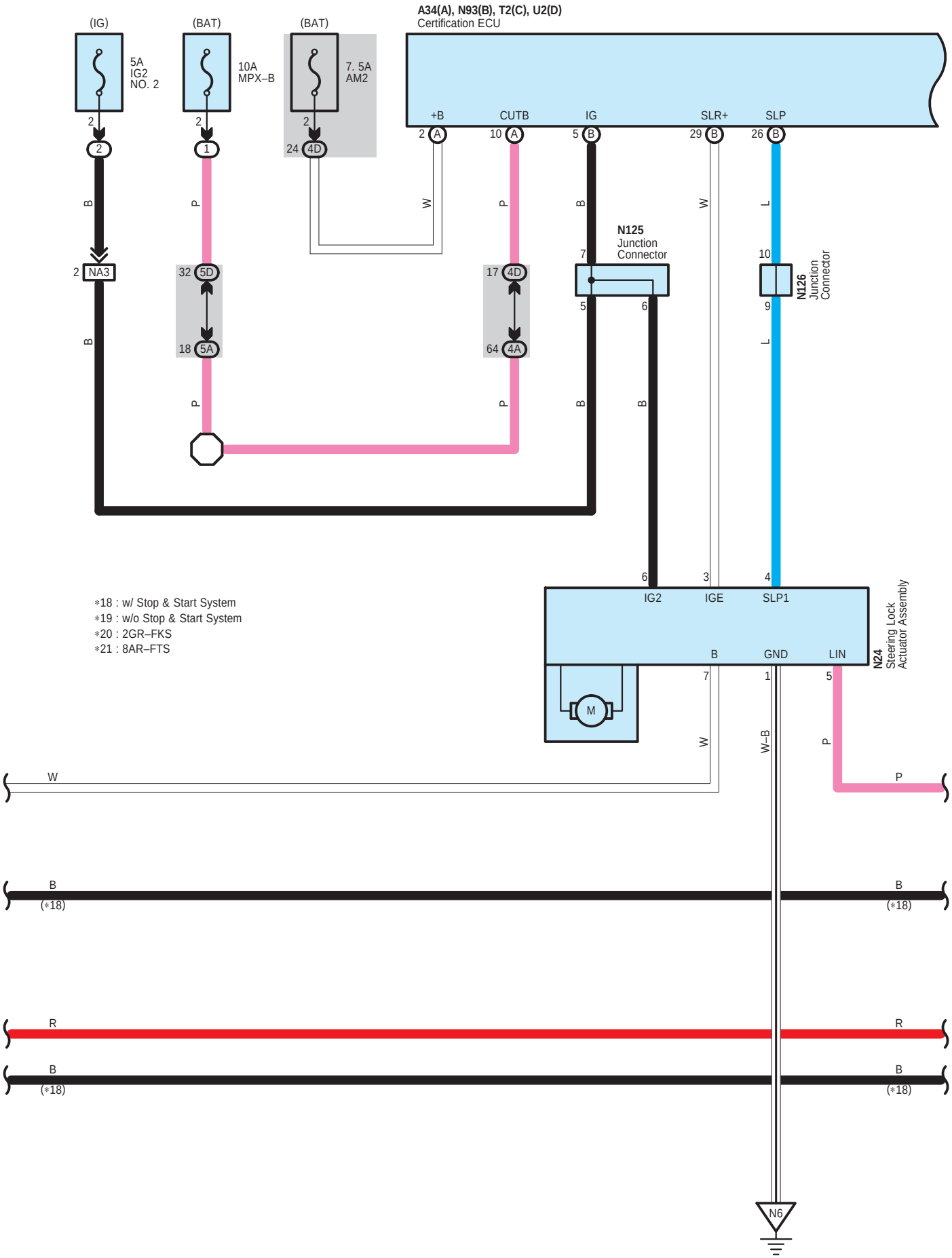
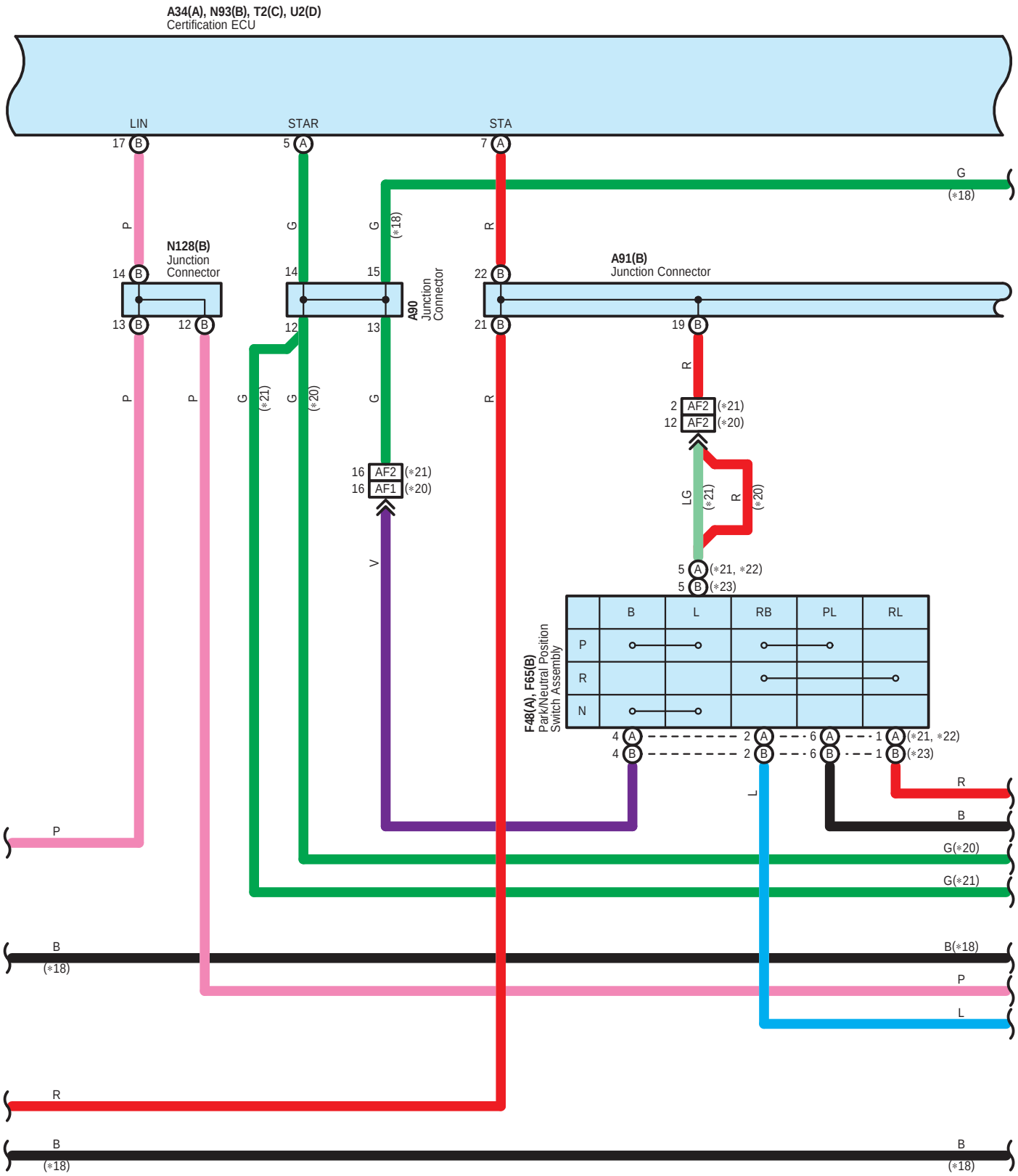
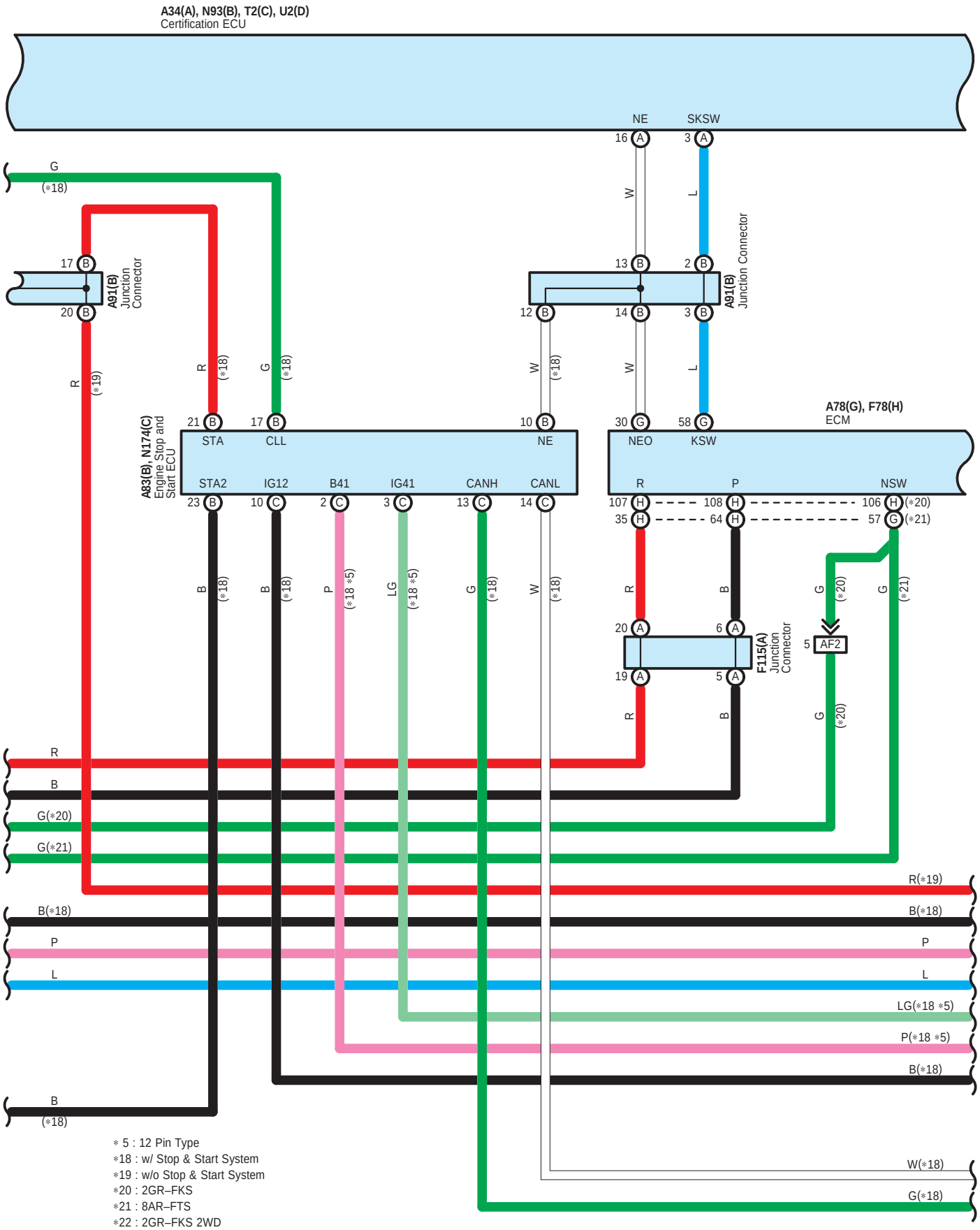
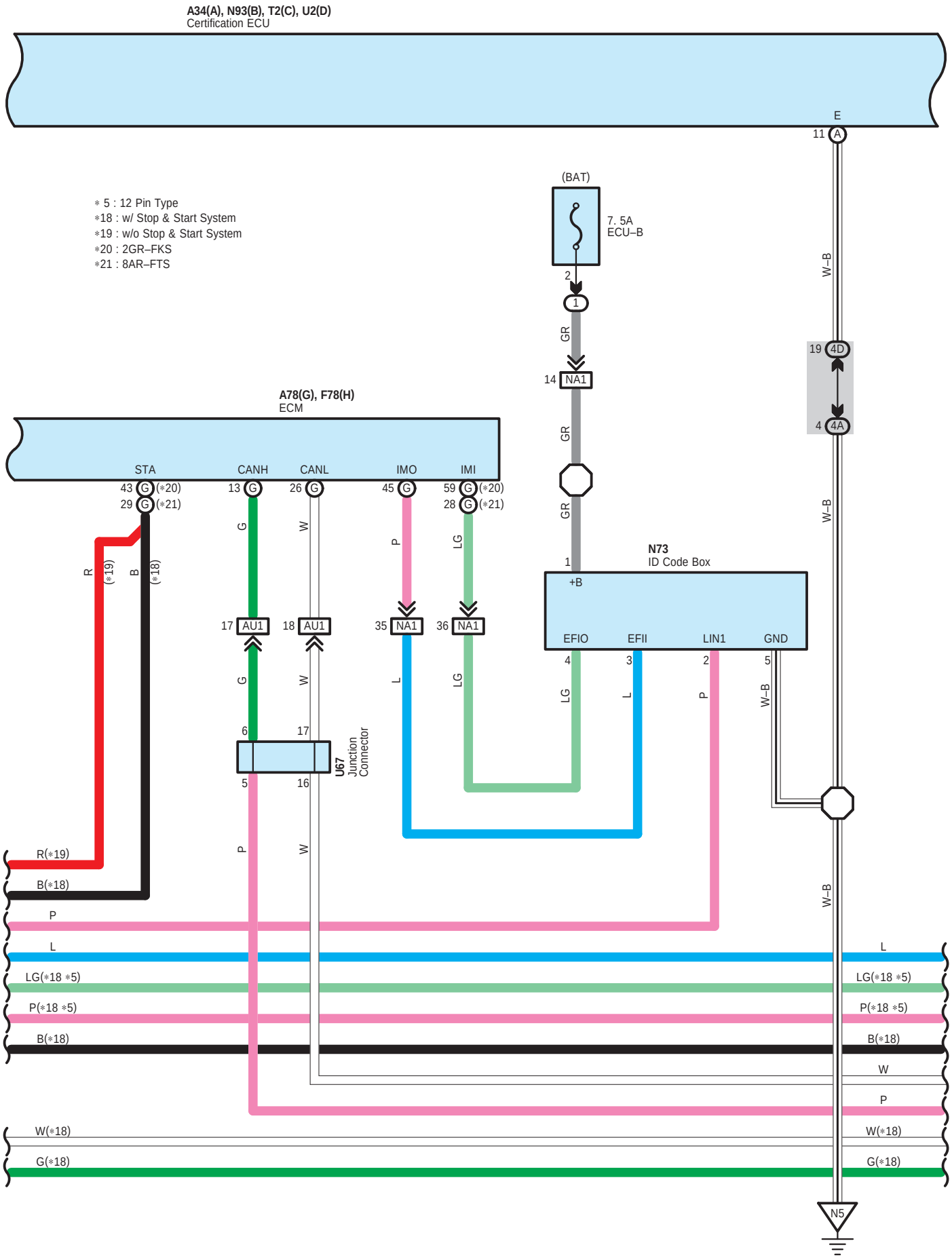

(BAT)
30A
ST
(BAT)
20A
ST
NO. 2
(BAT)
15A
STRG
LOCK
5A
ST
Relay
ST NO. 2
Relay
AF1
AF1
A90
Junction
Connector
A75(B)
Junction
Connector
A90
Junction Connector
Battery
F22(A), F99(D), G3(B), G4(C)
Starter Assembly
ST(*19)
SL1(*18)
SL2
A4
A2

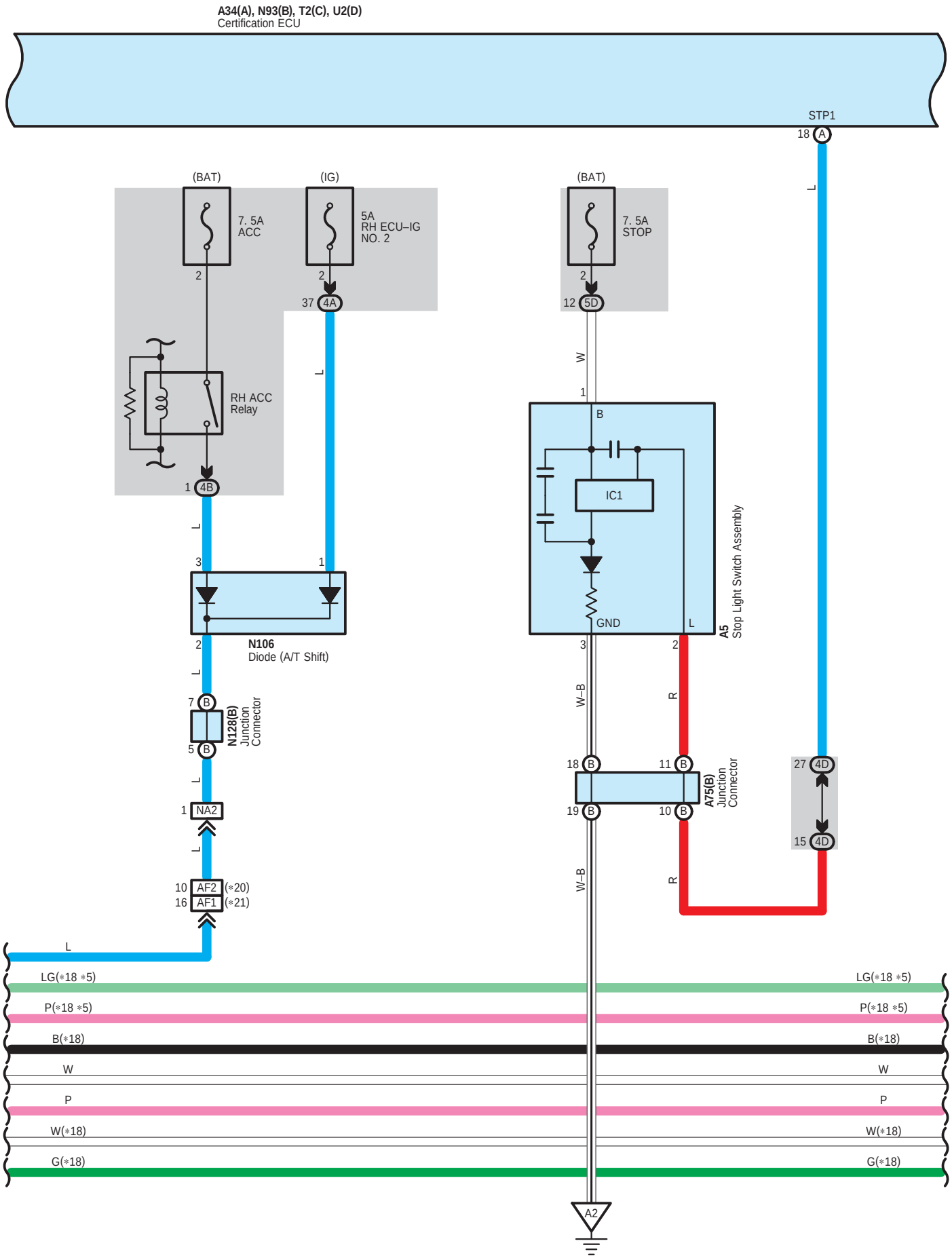

A34(A), N93(B), T2(C), U2(D)
Certification ECU
(IG)
5A
IG2
NO. 2
(BAT)
10A
MPX–B
(BAT)
7. 5A
AM2
+B
CUTB
IG
SLR+
SLP
N125
Junction
Connector
N126
Junction
Connector
NA3
IG2
IGE
SLP1
B
GND
LIN
N24
Steering Lock
Actuator Assembly
M
N6
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System
∗20 : 2GR–FKS
∗21 : 8AR–FTS

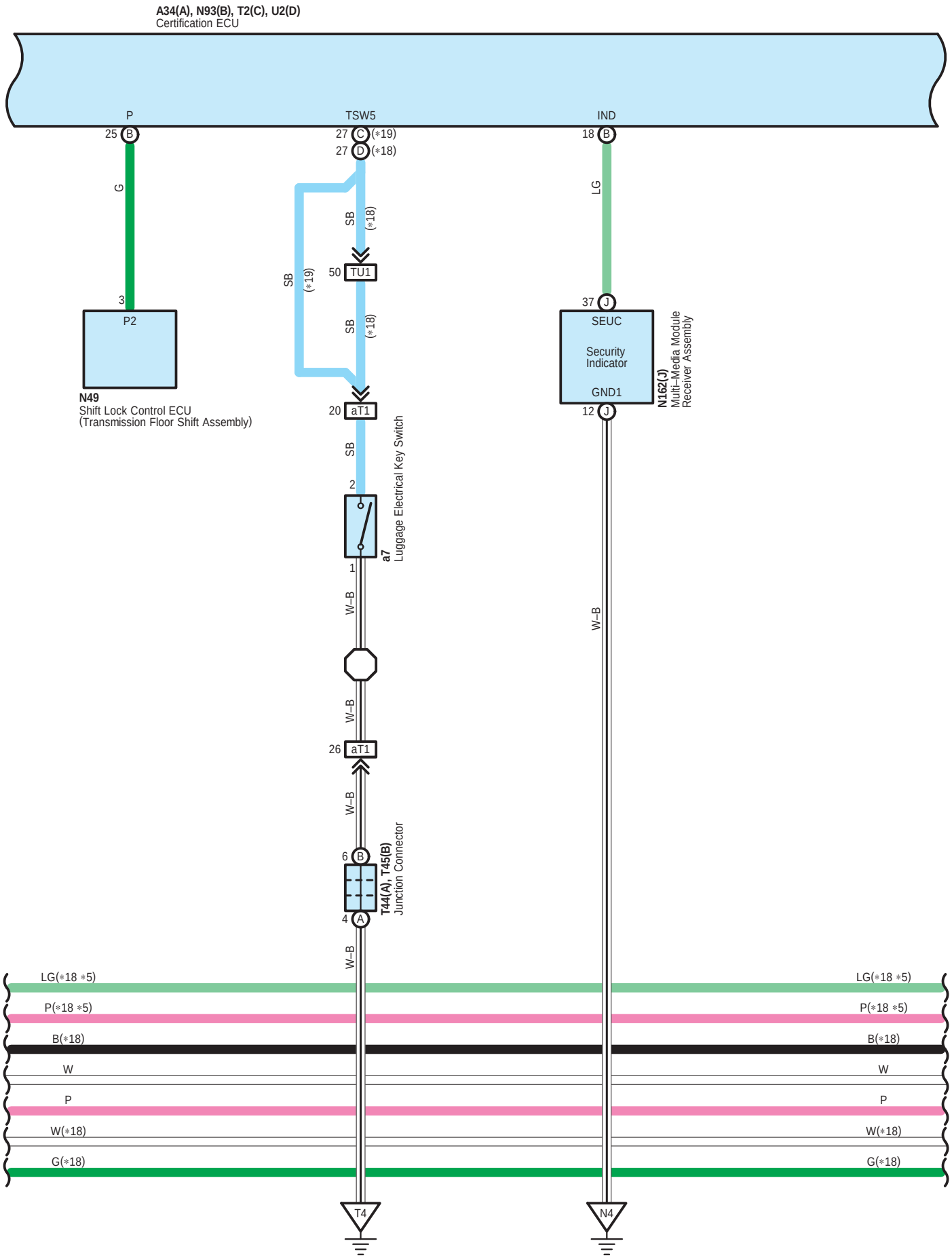

A34(A), N93(B), T2(C), U2(D)
Certification ECU
LIN
STAR
STA
17 B
5 A
7 A
G
(*18)
P
G
G
(*18)
R
N128(B)
Junction
Connector
14 B
13 B
12 B
14
15
12
13
A90
Junction
Connector
22 B
21 B
19 B
A91(B)
Junction Connector
R
P
P
G
(*21)
G
(*20)
G
R
2 AF2 (*21)
12 AF2 (*20)
16 AF2 (*21)
16 AF1 (*20)
LG
(*21)
R
(*20)
V
5 A (*21, *22)
5 B (*23)
F48(A), F65(B)
Park/Neutral Position
Switch Assembly
B
L
RB
PL
RL
P
R
N
4 A
4 B
2 A
2 B
6 A
6 B
1 A (*21, *22)
1 B (*23)
R
L
B
P
G(*20)
G(*21)
B
(*18)
B(*18)
P
L
R
B
(*18)
B
(*18)

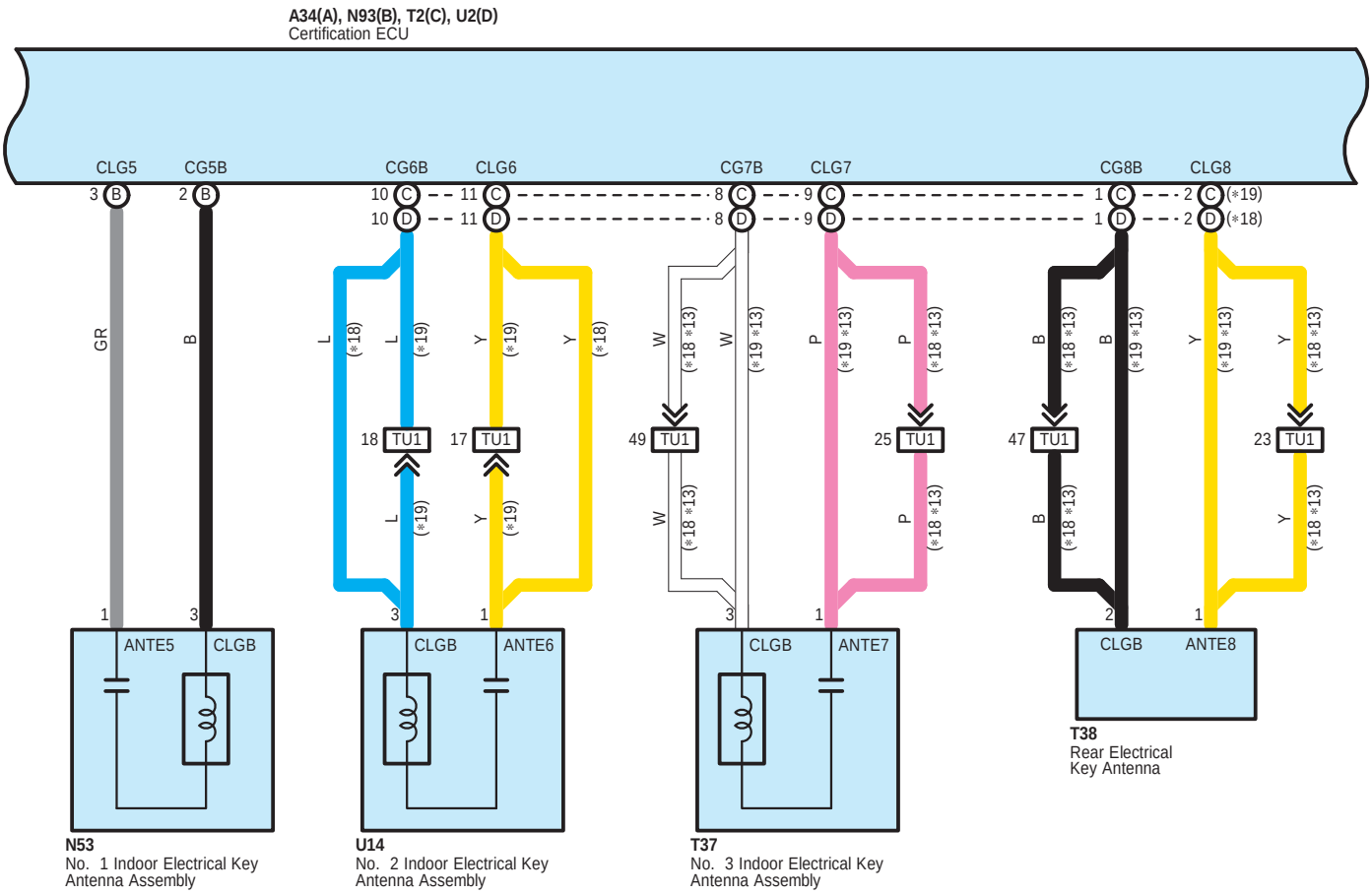


∗ 5 : 12 Pin Type
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System
∗20 : 2GR–FKS
∗21 : 8AR–FTS
∗22 : 2GR–FKS 2WD
∗23 : 2GR–FKS 4WD

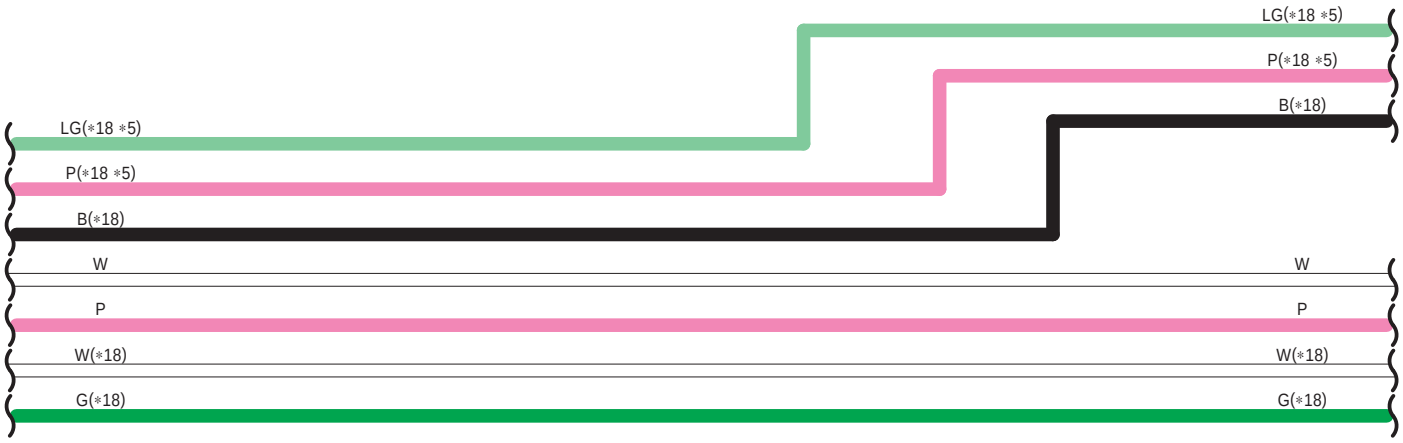

A34(A), N93(B), T2(C), U2(D)
Certification ECU
E
11 A
∗ 5 : 12 Pin Type
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System
∗20 : 2GR–FKS
∗21 : 8AR–FTS
(BAT)
7. 5A
ECU–B
2
1
GR
14 NA1
GR
GR
1
W–B
19 4D
4 4A
W–B
A78(G), F78(H)
ECM
STA
CANH
CANL
IMO
IMI
43 G (∗20)
29 G (∗21)
13 G
26 G
45 G
59 G (∗20)
28 G (∗21)
R
(∗19)
B
(∗18)
G
W
P
LG
N73
ID Code Box
+B
EFIO
EFII
LIN1
GND
17 AU1
18 AU1
35 NA1
36 NA1
4
3
2
5
G
W
L
LG
LG
L
P
W–B
6
17
U67
Junction
Connector
5
16
P
W
W–B
R(∗19)
B(∗18)
P
L
LG(∗18 ∗5)
P(∗18 ∗5)
B(∗18)
W
P
W(∗18)
G(∗18)
N5

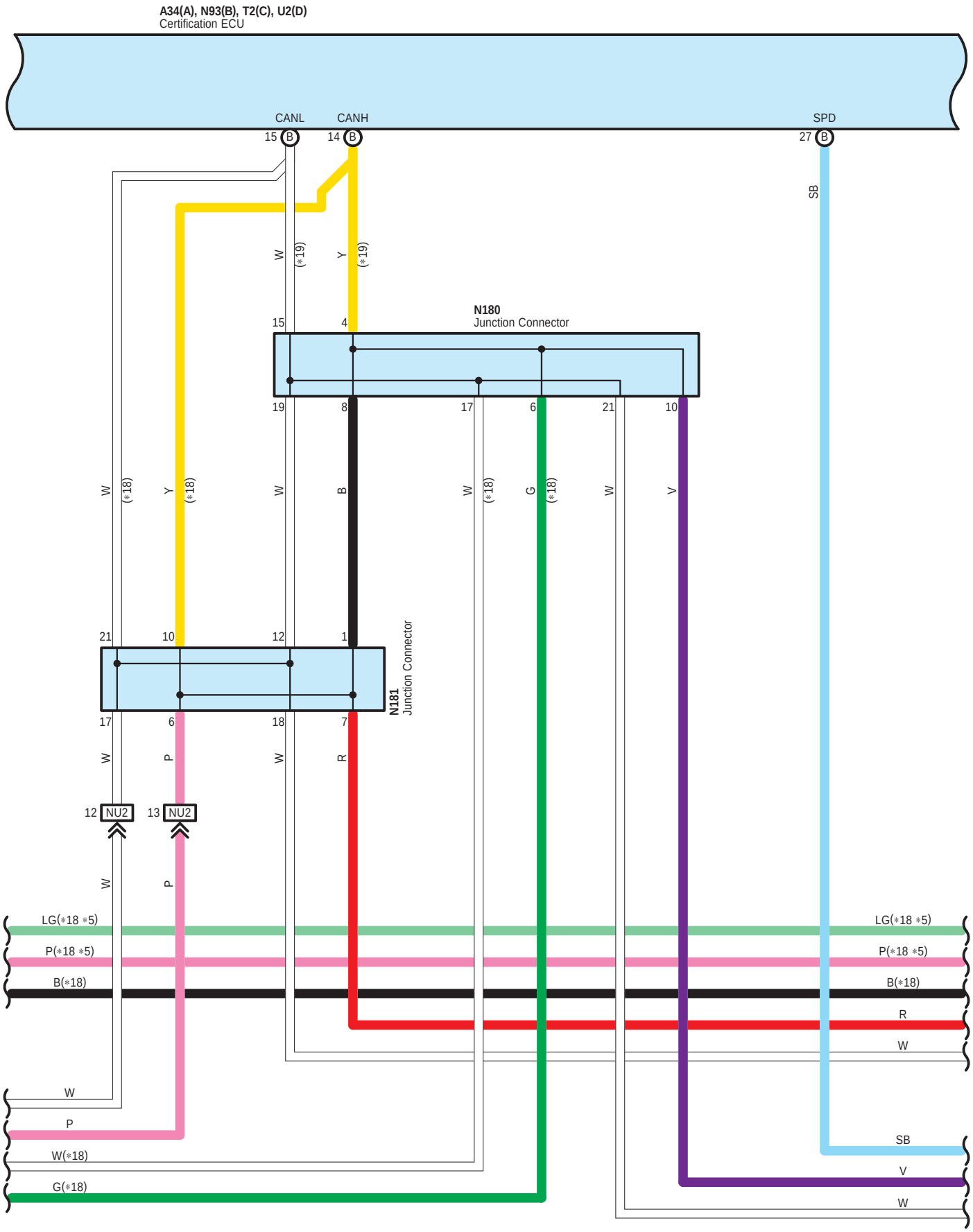

A34(A), N93(B), T2(C), U2(D)
Certification ECU
STP1
18 A
(BAT)
7. 5A
ACC
2
(IG)
5A
RH ECU–IG
NO. 2
2
37 4A
RH ACC
Relay
1 4B
(BAT)
7. 5A
STOP
2
12 5D
W
1
B
IC1
GND
L
A5
Stop Light Switch Assembly
3
2
L
3
1
2
N106
Diode (A/T Shift)
7 B
5 B
N128(B)
Junction
Connector
1 NA2
10 AF2 (*20)
16 AF1 (*21)
W–B
R
18 B
11 B
19 B
10 B
A75(B)
Junction
Connector
27 4D
15 4D
W–B
R
L
LG(*18 *5)
P(*18 *5)
B(*18)
W
P
W(*18)
G(*18)
A2

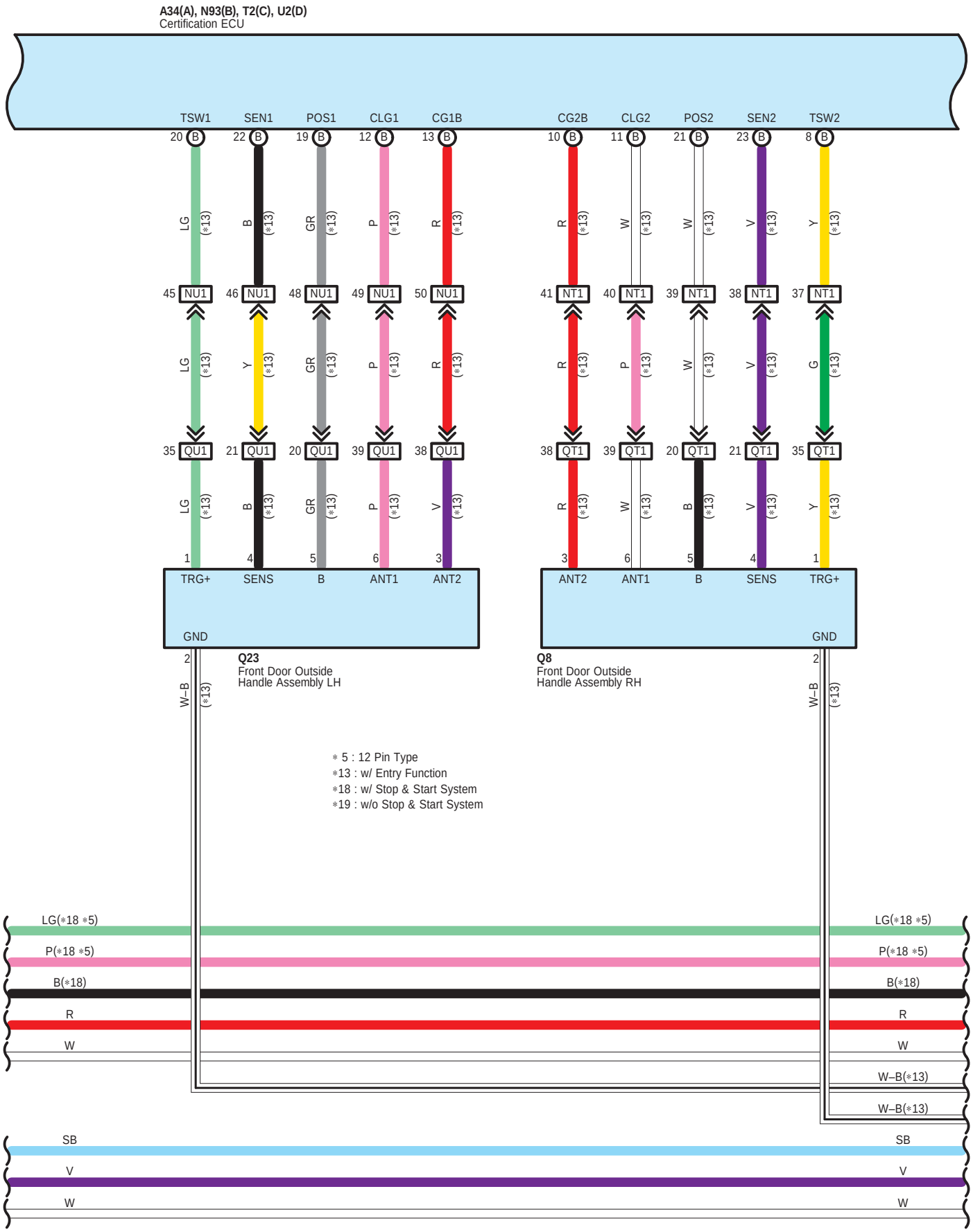

A34(A), N93(B), T2(C), U2(D)
Certification ECU
P
TSW5
IND
25 B
27 C (*19)
27 D (*18)
18 B
G
SB
(*18)
LG
SB
(*19)
50 TU1
3
P2
SB
(*18)
37 J
SEUC
Security Indicator
GND1
N162(J)
Multi-Media Module Receiver Assembly
N49
Shift Lock Control ECU
(Transmission Floor Shift Assembly)
20 aT1
12 J
SB
2
a7
Luggage Electrical Key Switch
1
W–B
W–B
W–B
26 aT1
W–B
6 B
T44(A), T45(B)
Junction Connector
4 A
W–B
LG(*18 *5)
P(*18 *5)
B(*18)
W
P
W(*18)
G(*18)
T4
N4

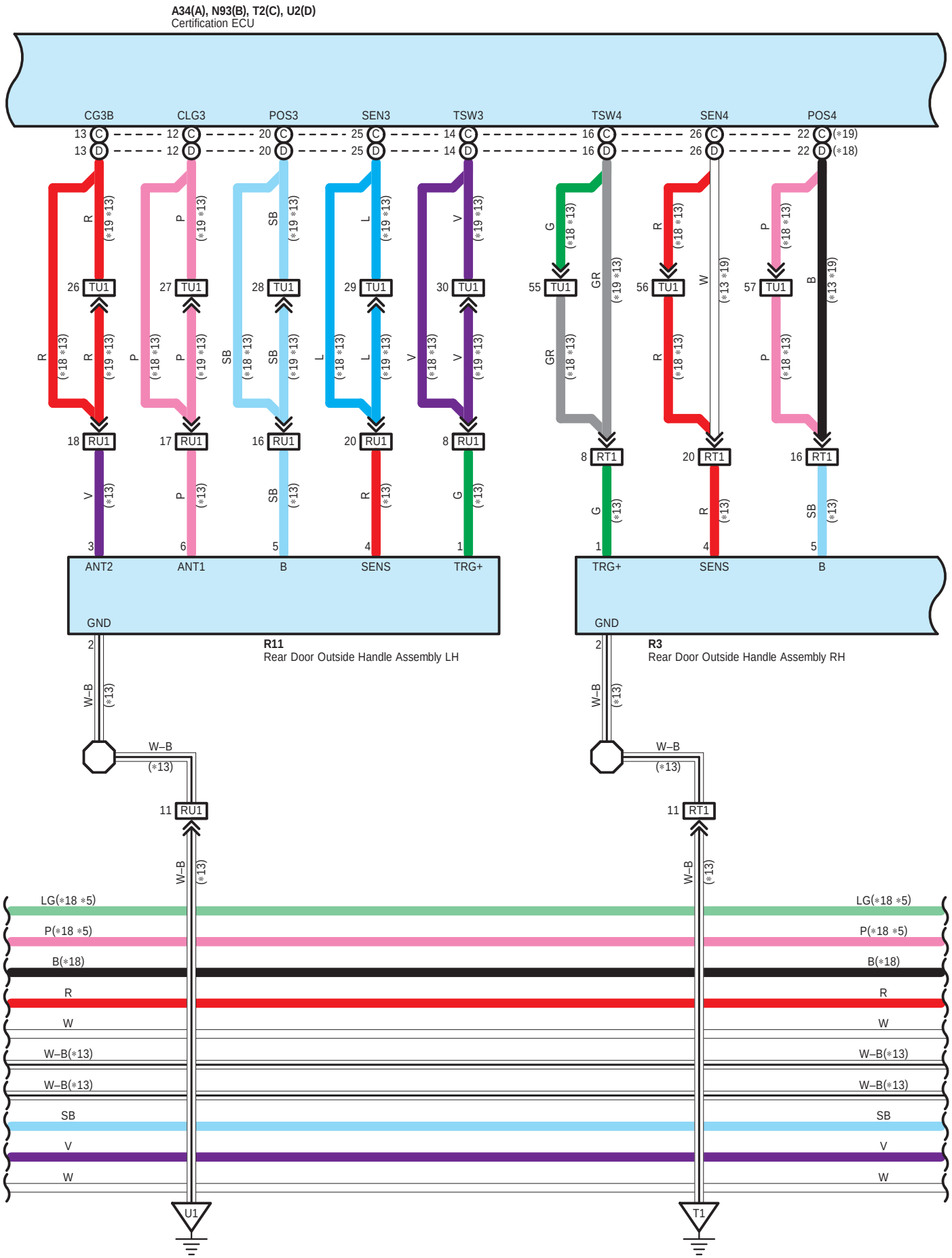


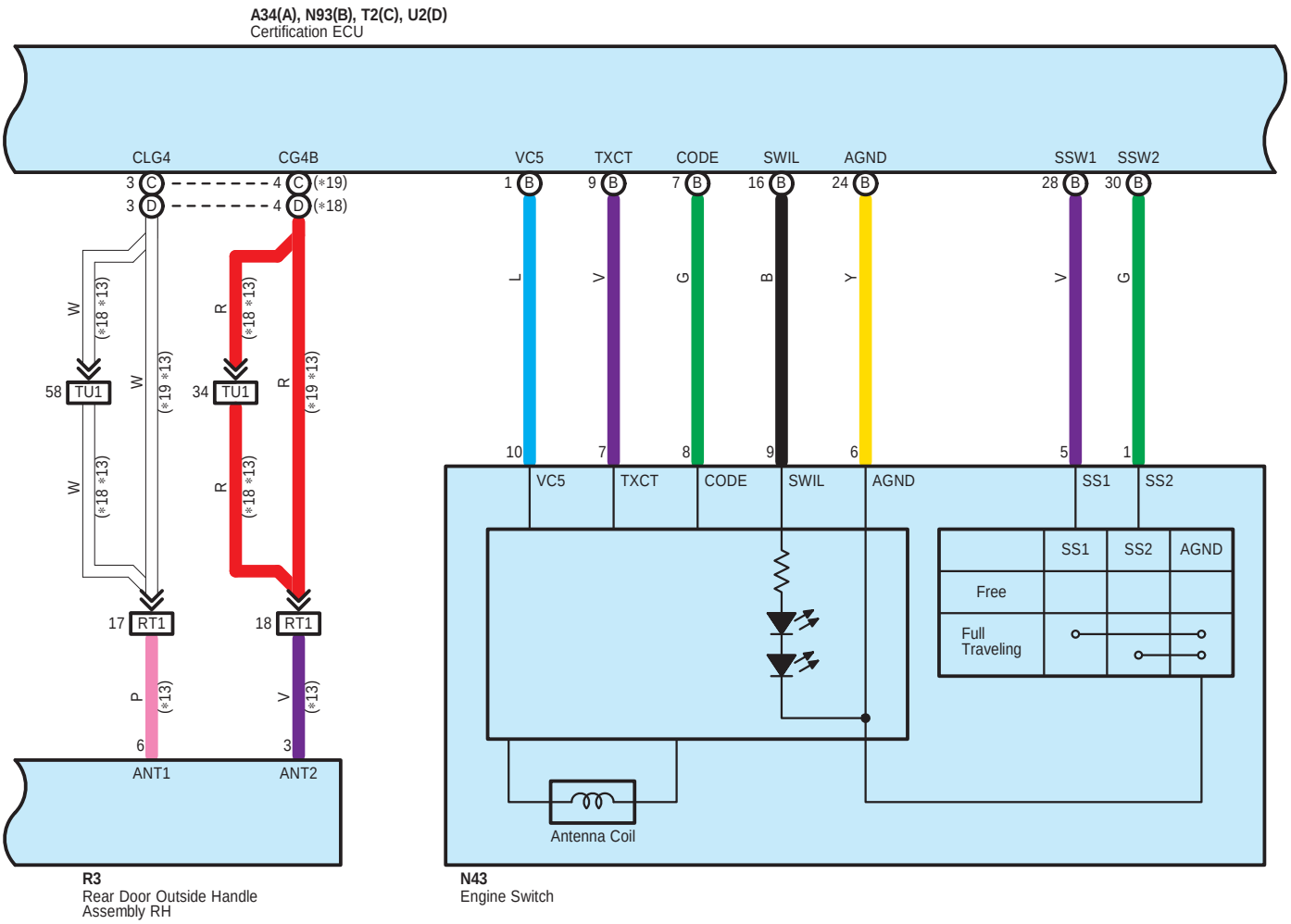
∗ 5 : 12 Pin Type
∗13 : w/ Entry Function
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System



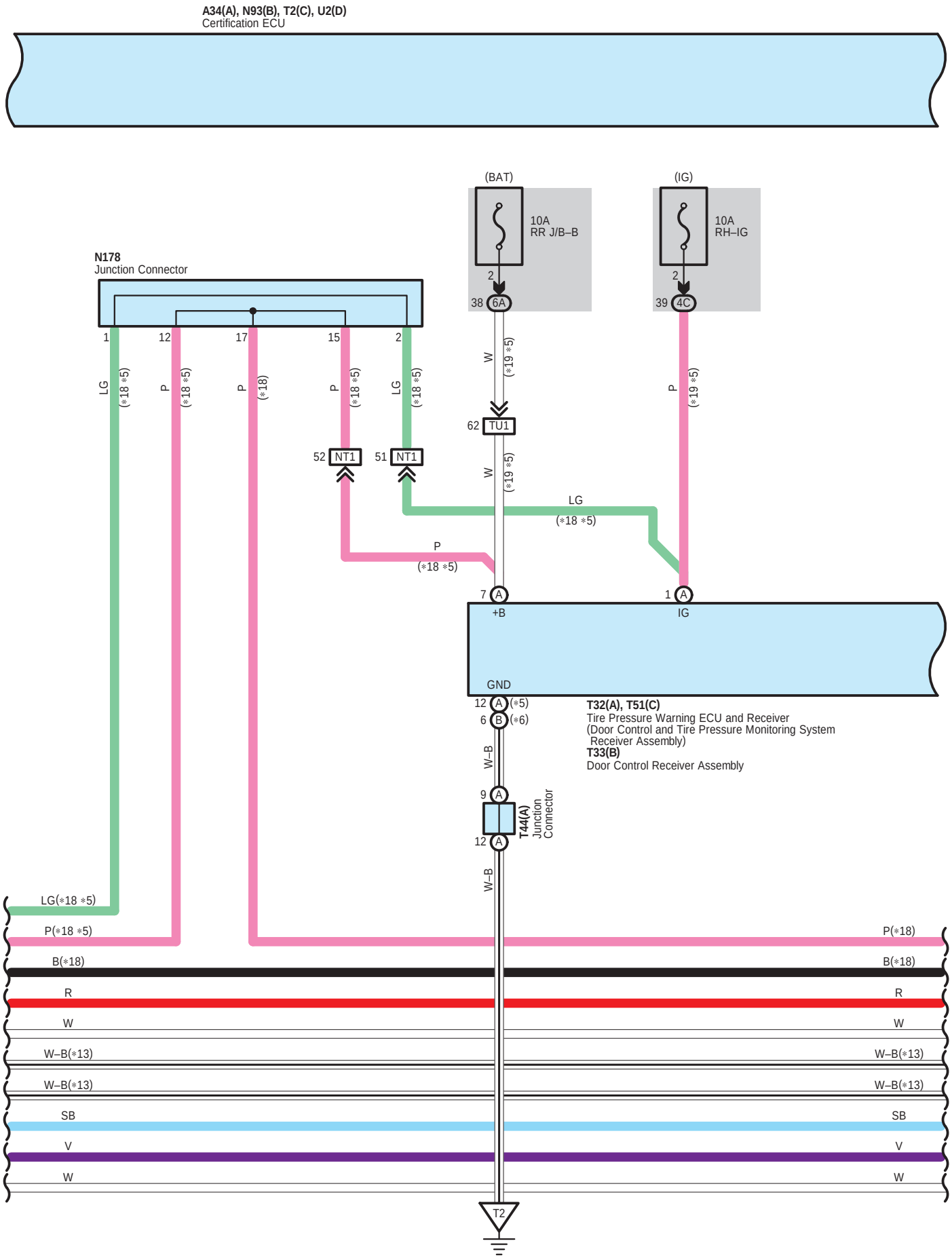

A34(A), N93(B), T2(C), U2(D)
Certification ECU
CANL
CANH
SPD
15 B
14 B
27 B
SB
W
(*19)
Y
(*19)
N180
Junction Connector
15
4
19
8
17
6
21
10
W
(*18)
Y
(*18)
W
B
W
(*18)
G
(*18)
W
V
21
10
12
1
N181
Junction Connector
17
6
18
7
W
P
W
R
12 NU2
13 NU2
W
P
LG(*18 *5)
P(*18 *5)
B(*18)
R
W
W
P
W(*18)
G(*18)
LG(*18 *5)
P(*18 *5)
B(*18)
SB
V
W

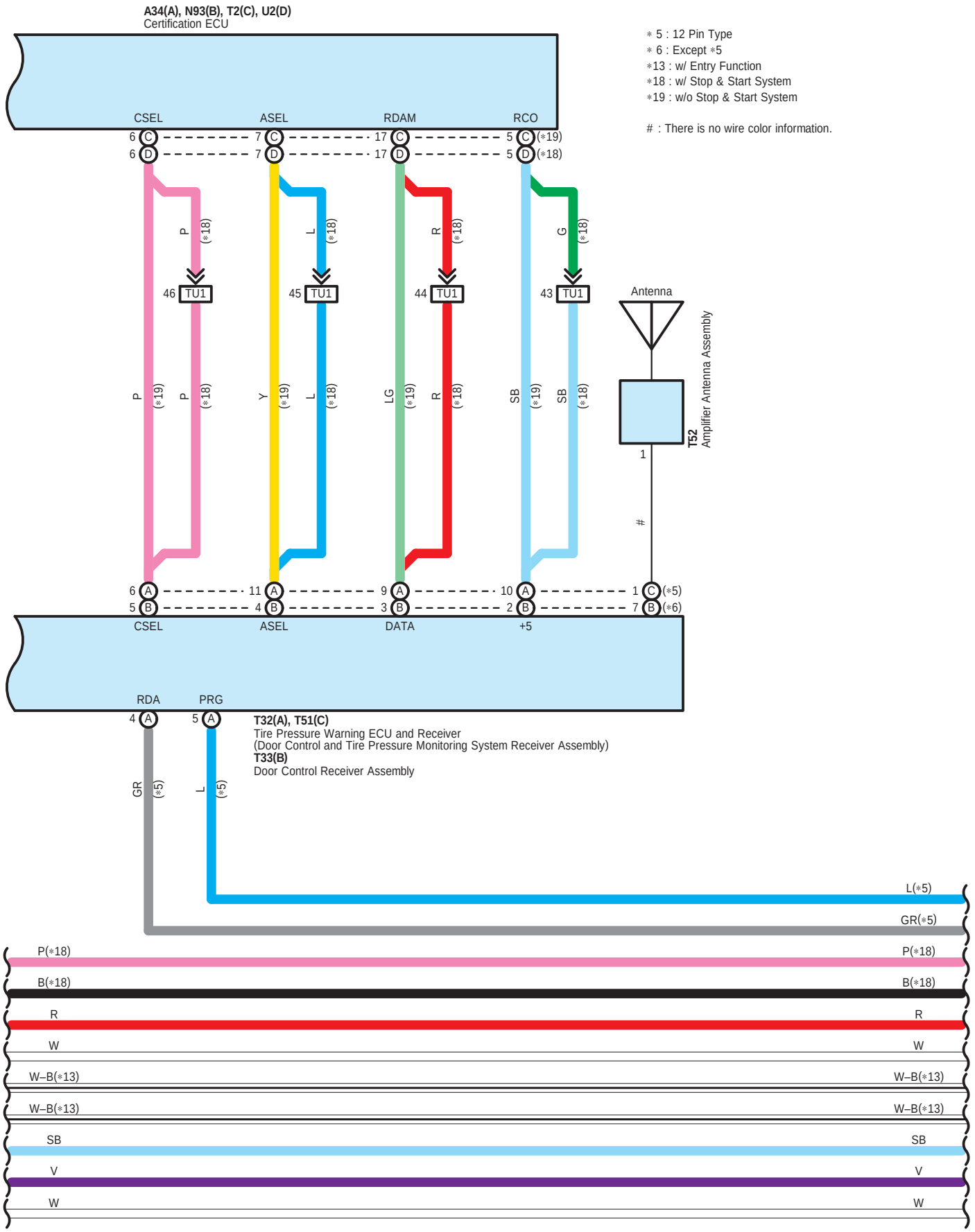

A34(A), N93(B), T2(C), U2(D)
Certification ECU
TSW1
SEN1
POS1
CLG1
CG1B
CG2B
CLG2
POS2
SEN2
TSW2
20 B
22 B
19 B
12 B
13 B
10 B
11 B
21 B
23 B
8 B
LG (*13)
B (*13)
GR (*13)
P (*13)
R (*13)
R (*13)
W (*13)
W (*13)
V (*13)
Y (*13)
45 NU1
46 NU1
48 NU1
49 NU1
50 NU1
41 NT1
40 NT1
39 NT1
38 NT1
37 NT1
LG (*13)
Y (*13)
GR (*13)
P (*13)
R (*13)
R (*13)
P (*13)
W (*13)
V (*13)
G (*13)
35 QU1
21 QU1
20 QU1
39 QU1
38 QU1
38 QT1
39 QT1
20 QT1
21 QT1
35 QT1
LG (*13)
B (*13)
GR (*13)
P (*13)
V (*13)
R (*13)
W (*13)
B (*13)
V (*13)
Y (*13)
1
4
5
6
3
3
6
5
4
1
TRG+
SENS
B
ANT1
ANT2
ANT2
ANT1
B
SENS
TRG+
GND
GND
2
2
W–B (*13)
W–B (*13)
Q23
Front Door Outside
Handle Assembly LH
Q8
Front Door Outside
Handle Assembly RH
* 5 : 12 Pin Type
*13 : w/ Entry Function
*18 : w/ Stop & Start System
*19 : w/o Stop & Start System
LG(*18 *5)
P(*18 *5)
B(*18)
R
W
W–B(*13)
SB
V
W

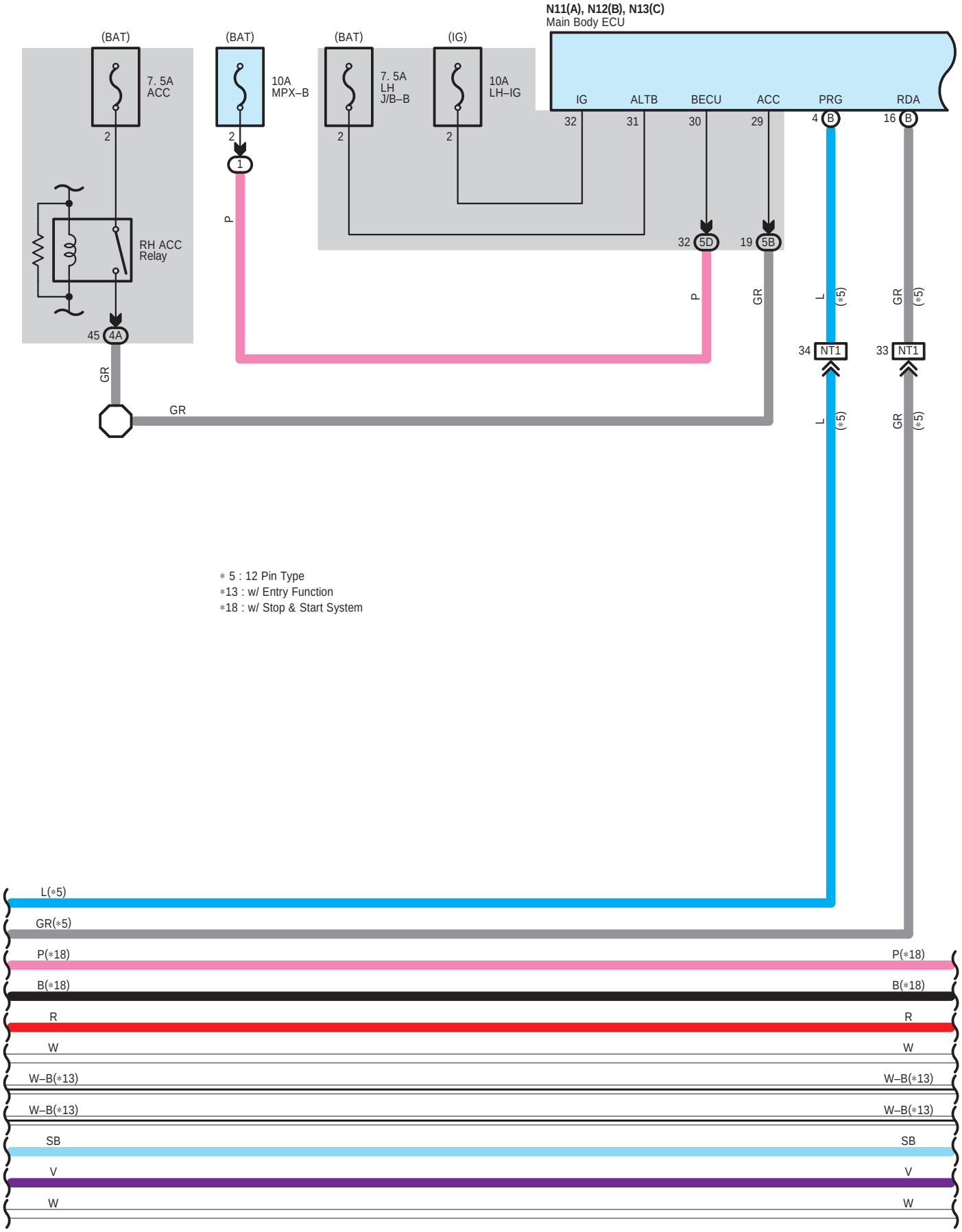

A34(A), N93(B), T2(C), U2(D)
Certification ECU
CG3B
CLG3
POS3
SEN3
TSW3
TSW4
SEN4
POS4
ANT2
ANT1
B
SENS
TRG+
GND
R11
Rear Door Outside Handle Assembly LH
R3
Rear Door Outside Handle Assembly RH
TU1
RU1
RT1
W–B
LG(*18 *5)
P(*18 *5)
B(*18)
R
W
W–B(*13)
SB
V
U1
T1

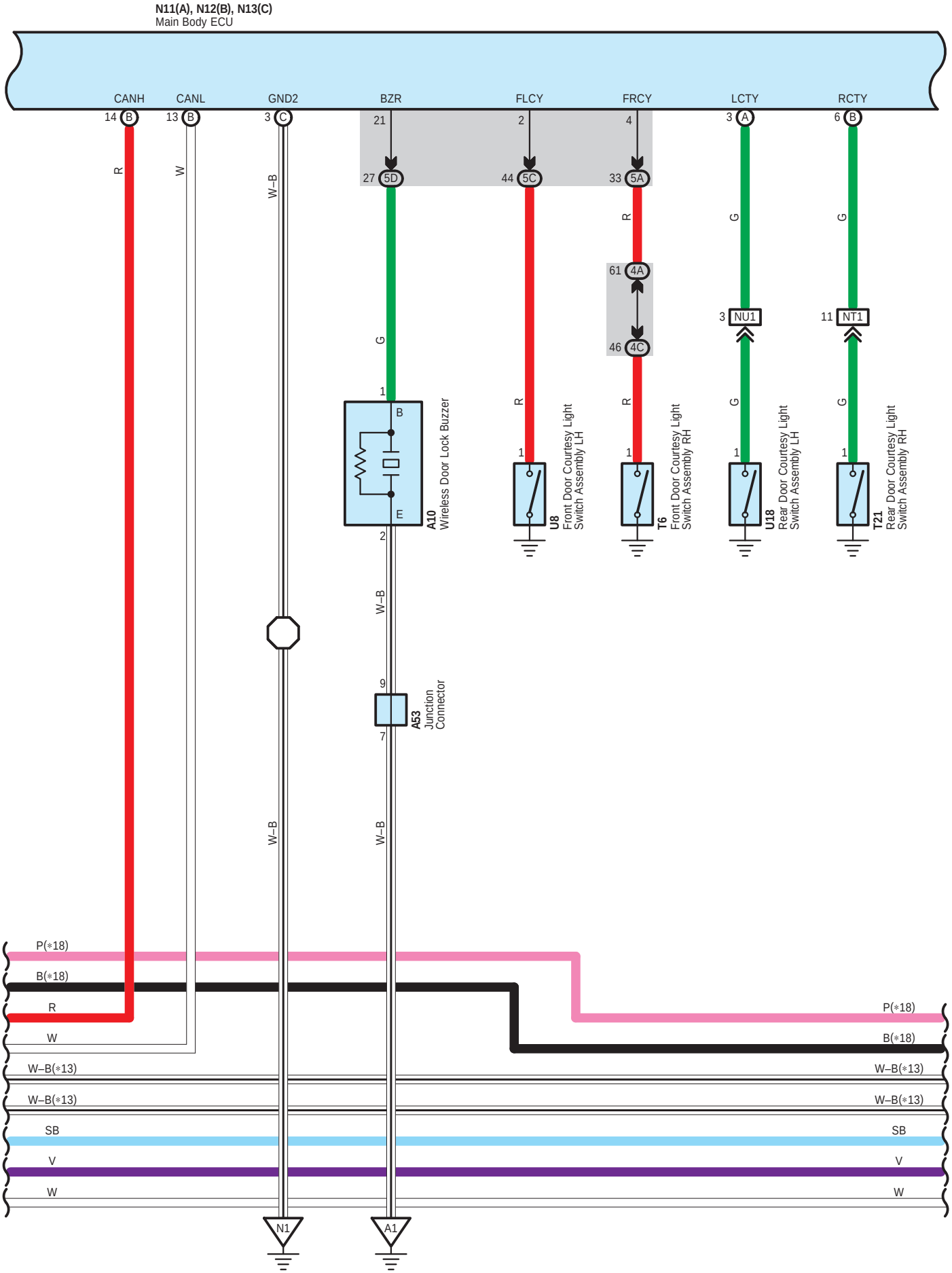


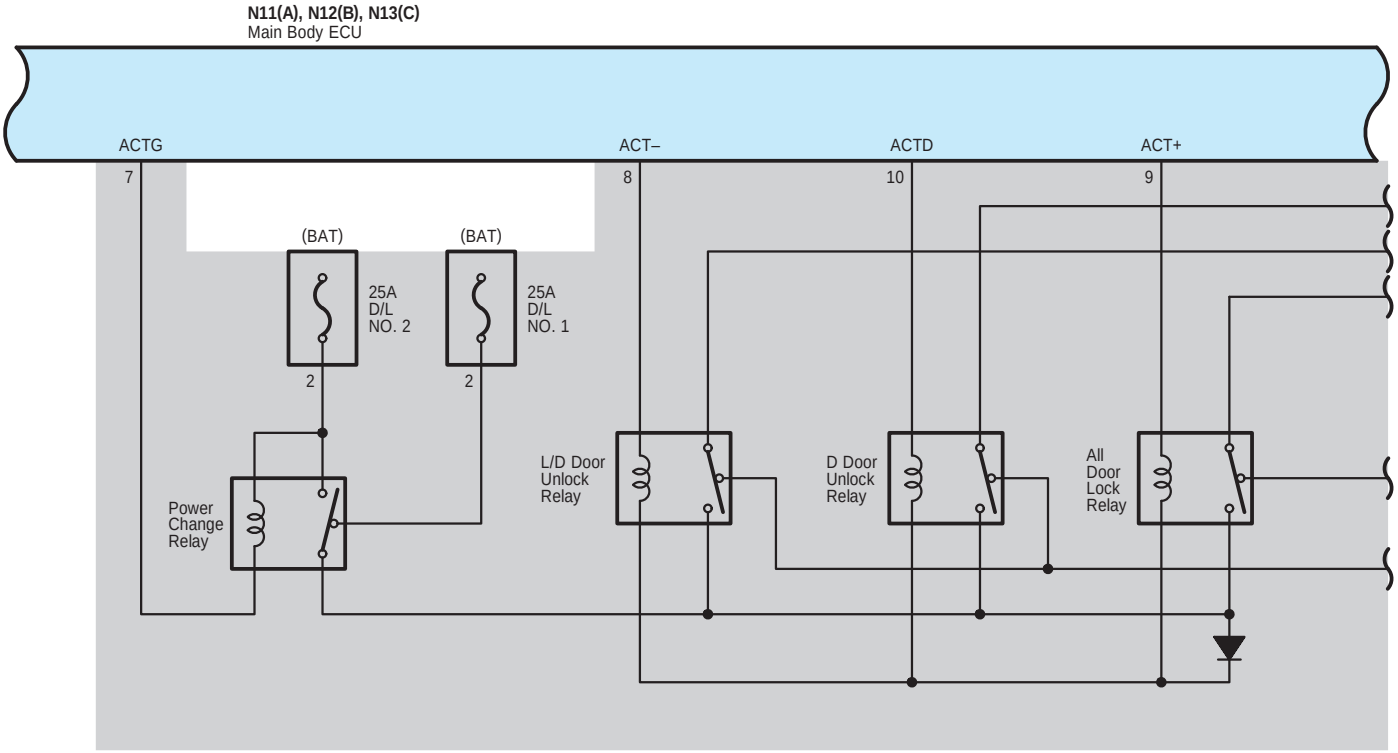
∗ 5 : 12 Pin Type
∗13 : w/ Entry Function
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System


A34(A), N93(B), T2(C), U2(D)
Certification ECU
(BAT)
10A
RR J/B–B
(IG)
10A
RH–IG
N178
Junction Connector
38 6A
39 4C
62 TU1
52 NT1
51 NT1
7 A
+B
1 A
IG
GND
12 A (*5)
6 B (*6)
T32(A), T51(C)
Tire Pressure Warning ECU and Receiver
(Door Control and Tire Pressure Monitoring System
Receiver Assembly)
T33(B)
Door Control Receiver Assembly
9 A
12 A
T44(A)
Junction
Connector
LG(*18 *5)
P(*18 *5)
B(*18)
R
W
W–B(*13)
SB
V
T2

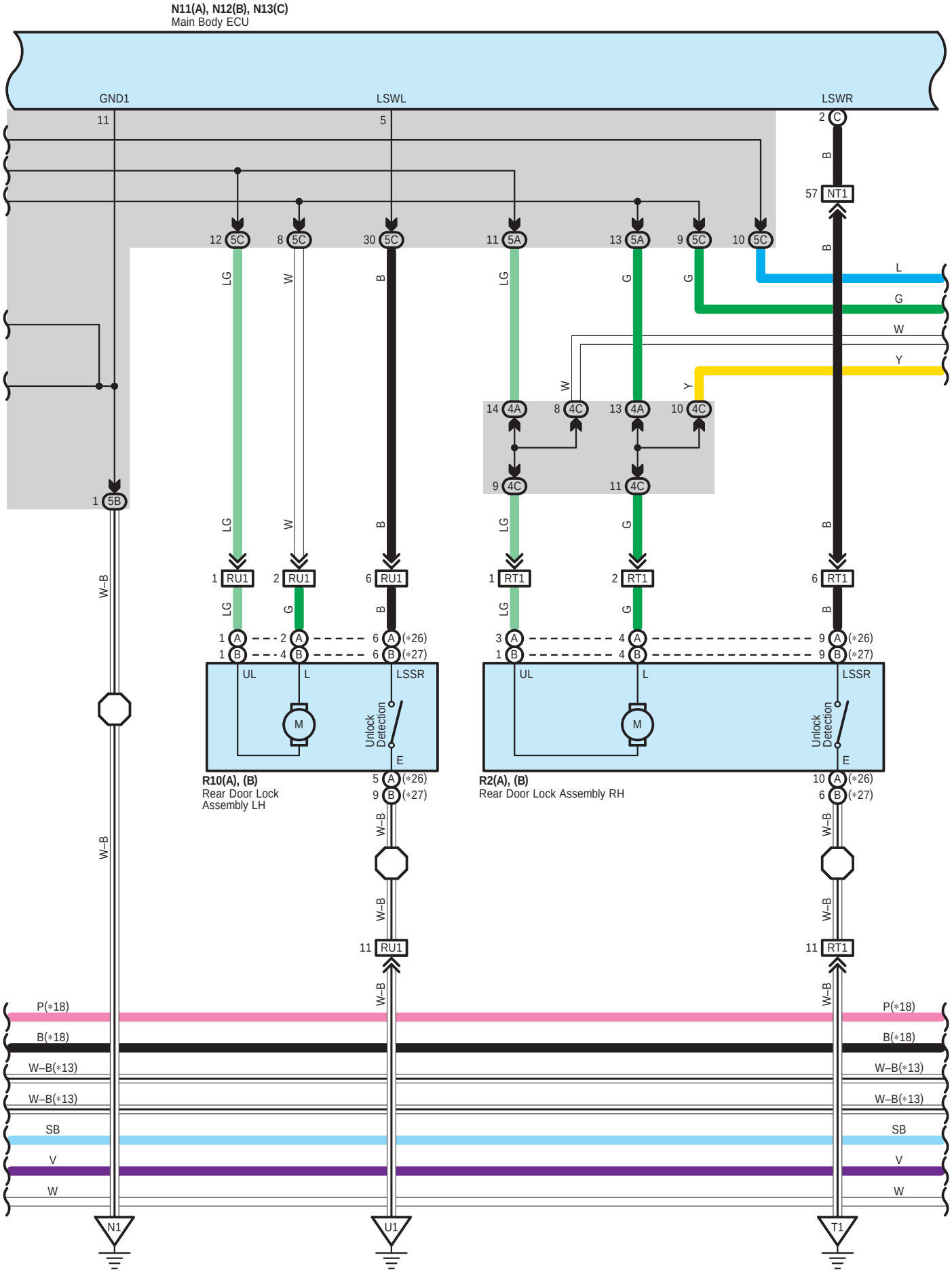

A34(A), N93(B), T2(C), U2(D)
Certification ECU
∗ 5 : 12 Pin Type
∗ 6 : Except ∗5
∗13 : w/ Entry Function
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System
: There is no wire color information.
CSEL
ASEL
RDAM
RCO
6 C
6 D
7 C
7 D
17 C
17 D
5 C (∗19)
5 D (∗18)
P (∗18)
L (∗18)
R (∗18)
G (∗18)
46 TU1
45 TU1
44 TU1
43 TU1
Antenna
T52
Amplifier Antenna Assembly
1
#
P (∗19)
P (∗18)
Y (∗19)
L (∗18)
LG (∗19)
R (∗18)
SB (∗19)
SB (∗18)
6 A
5 B
11 A
4 B
9 A
3 B
10 A
2 B
1 C (∗5)
7 B (∗6)
CSEL
ASEL
DATA
+5
RDA
PRG
4 A
5 A
T32(A), T51(C)
Tire Pressure Warning ECU and Receiver
(Door Control and Tire Pressure Monitoring System Receiver Assembly)
T33(B)
Door Control Receiver Assembly
GR (∗5)
L (∗5)
L(∗5)
GR(∗5)
P(∗18)
B(∗18)
R
W
W–B(∗13)
W–B(∗13)
SB
V
W

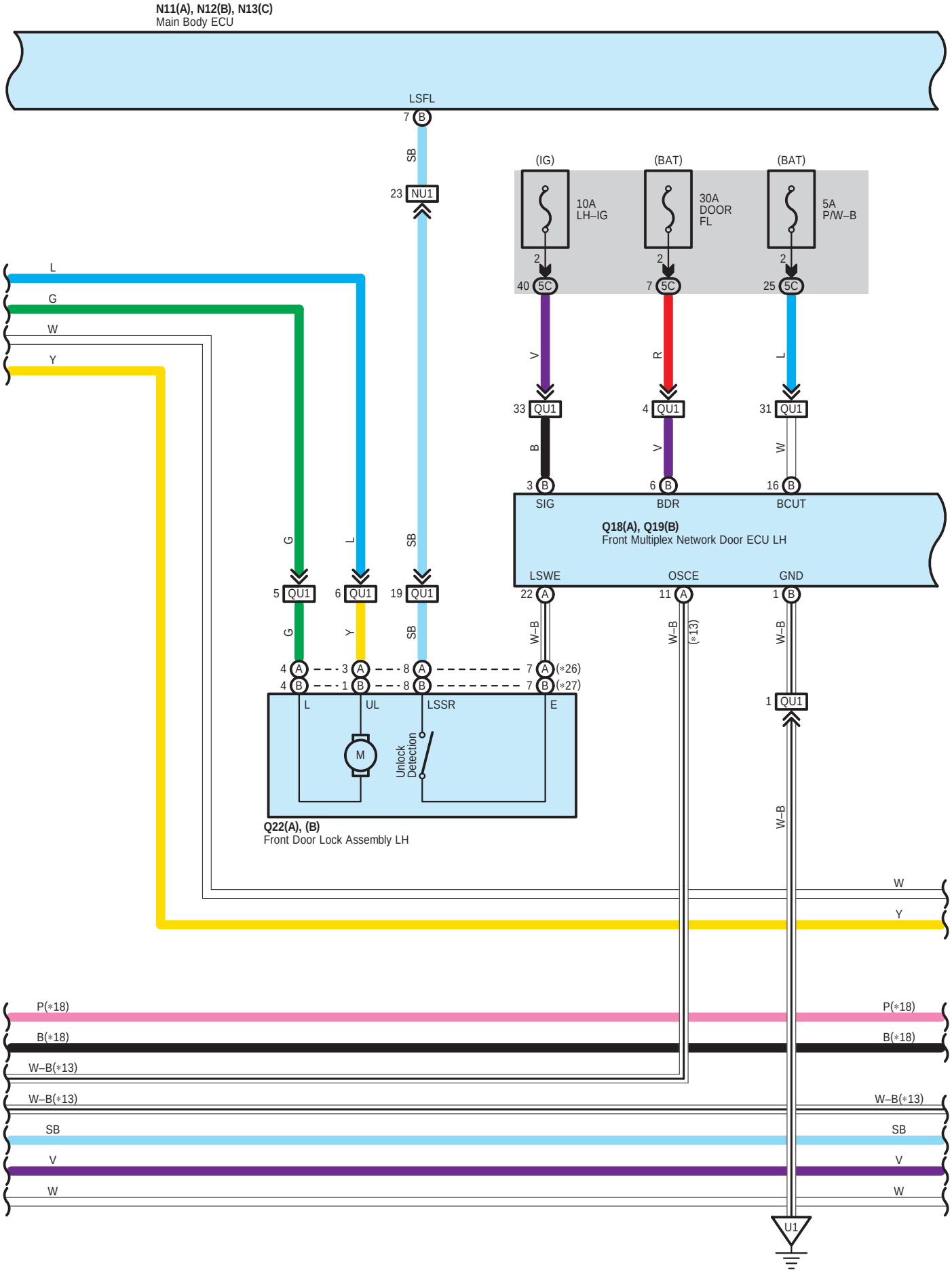

N11(A), N12(B), N13(C)
Main Body ECU
(BAT)
7. 5A
ACC
2
RH ACC
Relay
45 4A
GR
(BAT)
10A
MPX–B
2
1
P
(BAT)
7. 5A
LH
J/B–B
2
(IG)
10A
LH–IG
2
IG
ALTB
BECU
ACC
PRG
RDA
32
31
30
29
4 B
16 B
32 5D
19 5B
P
GR
L
(*5)
GR
(*5)
34 NT1
33 NT1
L
(*5)
GR
(*5)
GR
* 5 : 12 Pin Type
*13 : w/ Entry Function
*18 : w/ Stop & Start System
L(*5)
GR(*5)
P(*18)
P(*18)
B(*18)
B(*18)
R
R
W
W
W–B(*13)
W–B(*13)
W–B(*13)
W–B(*13)
SB
SB
V
V
W
W

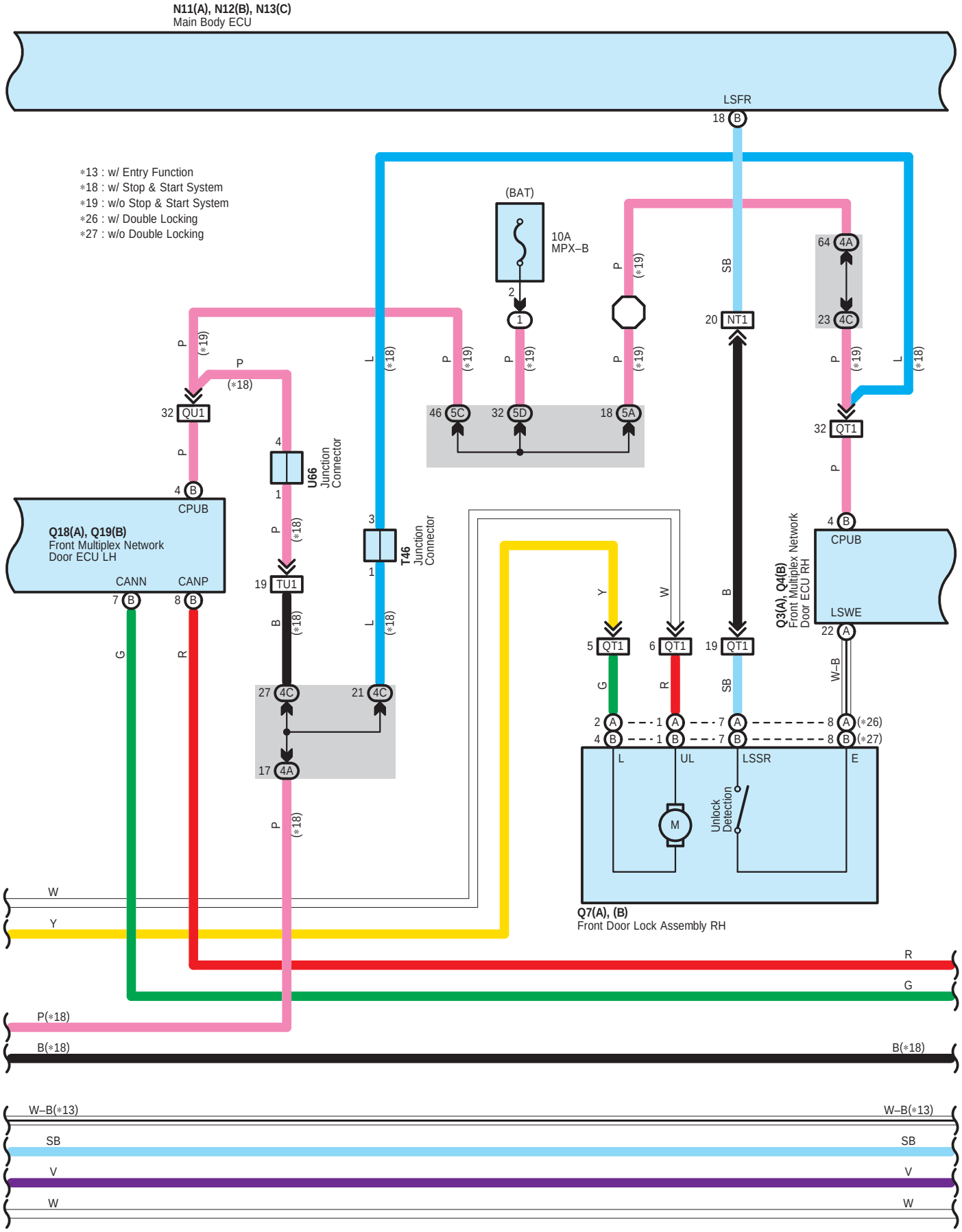

N11(A), N12(B), N13(C)
Main Body ECU
CANH
CANL
GND2
BZR
FLCY
FRCY
LCTY
RCTY
14 B
13 B
3 C
21
27 5D
2
44 5C
4
33 5A
61 4A
46 4C
3 A
6 B
3 NU1
11 NT1
R
W
W–B
G
1
B
E
2
A10
Wireless Door Lock Buzzer
U8
Front Door Courtesy Light Switch Assembly LH
T6
Front Door Courtesy Light Switch Assembly RH
U18
Rear Door Courtesy Light Switch Assembly LH
T21
Rear Door Courtesy Light Switch Assembly RH
9
7
A53
Junction Connector
P(*18)
B(*18)
W–B(*13)
SB
V
N1
A1

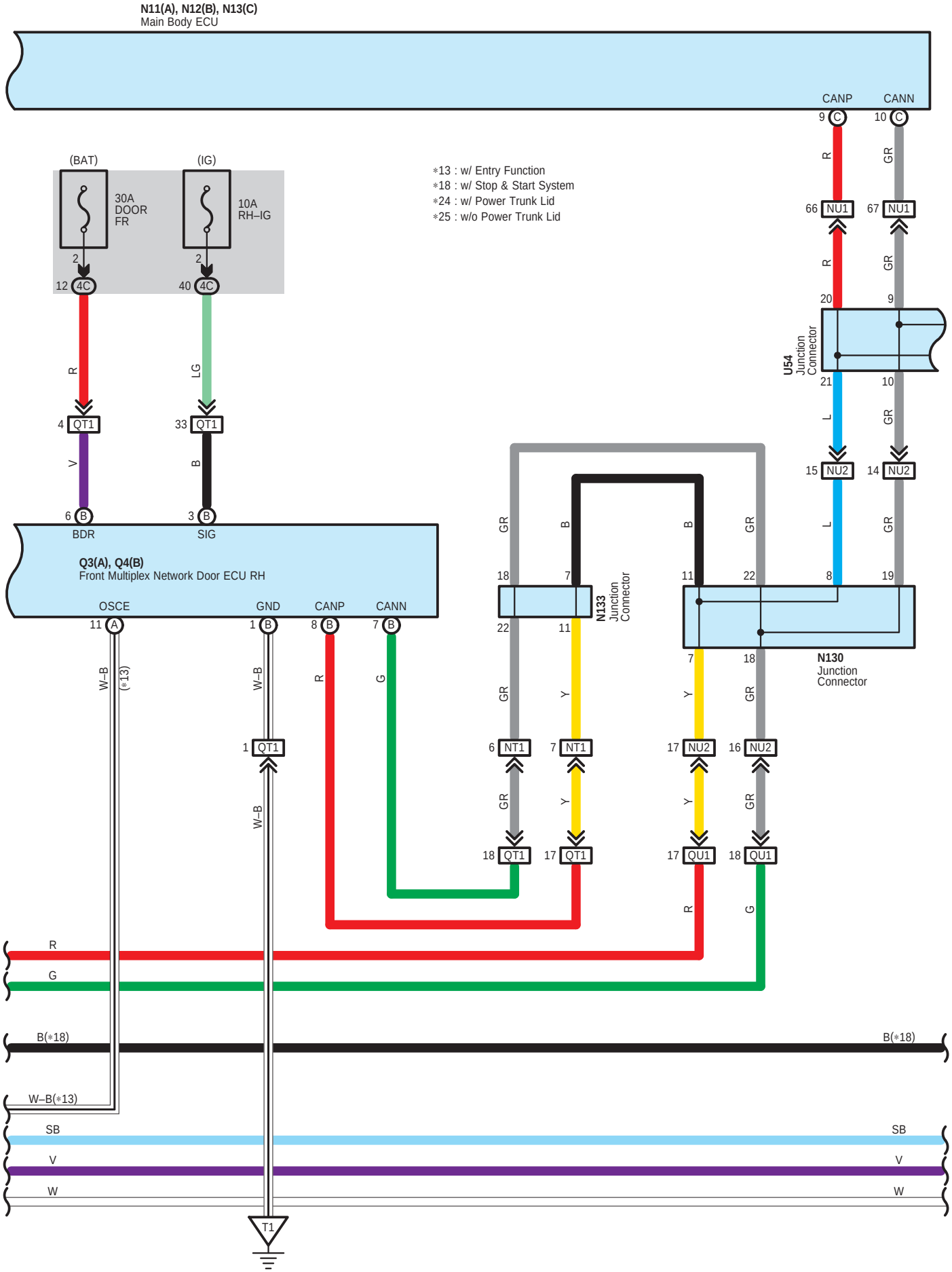


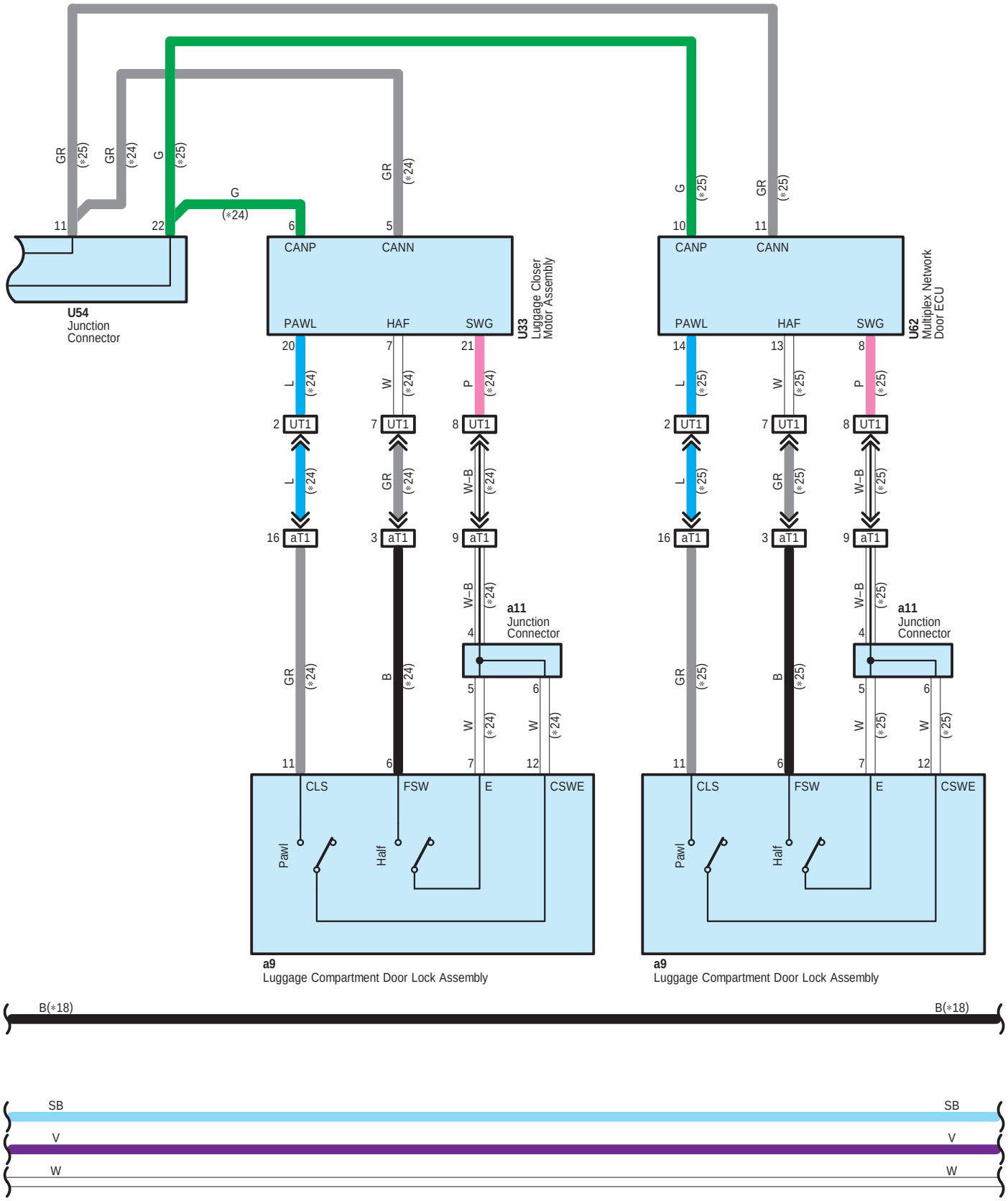
∗13 : w/ Entry Function
∗18 : w/ Stop & Start System
∗26 : w/ Double Locking
∗27 : w/o Double Locking

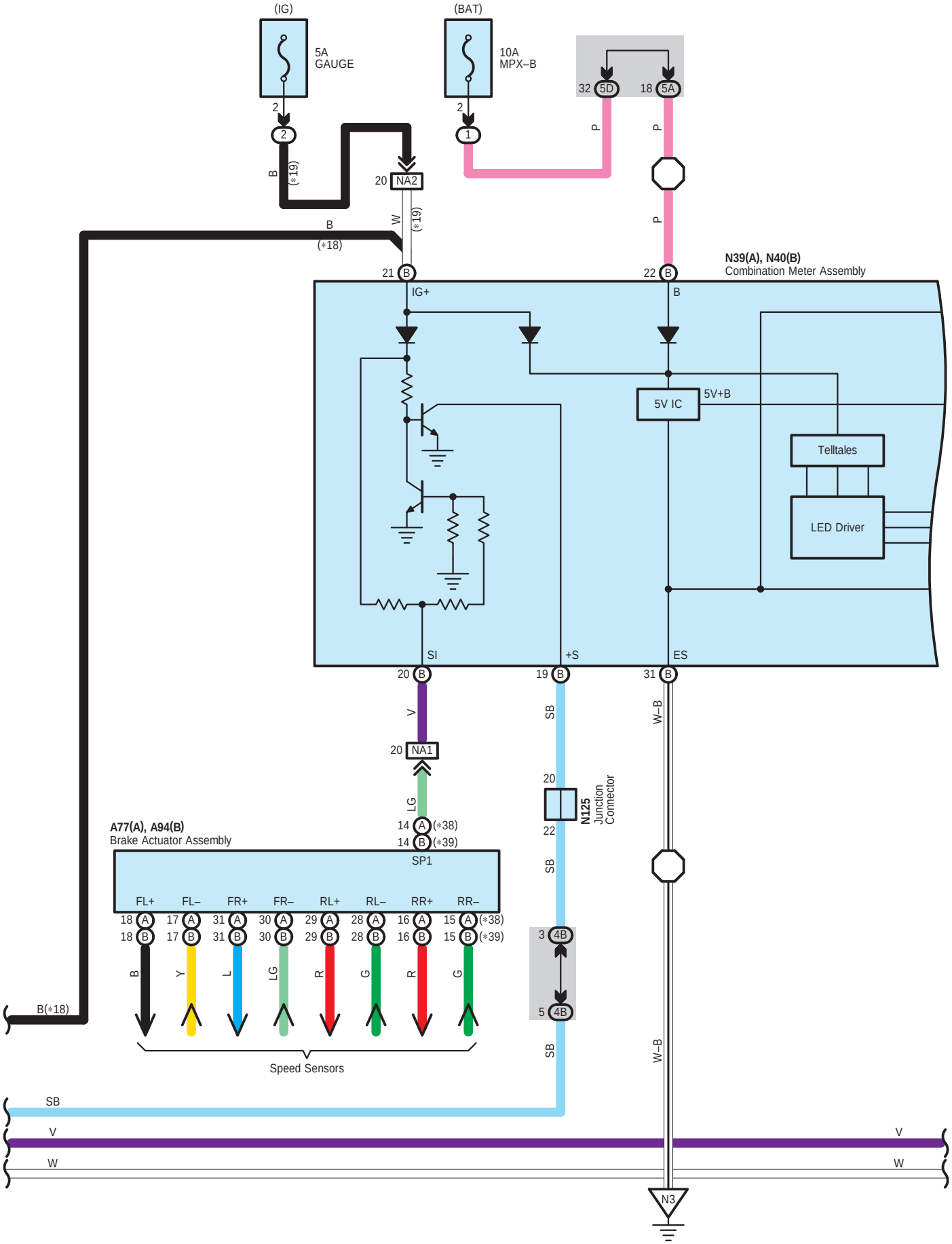

N11(A), N12(B), N13(C)
Main Body ECU
GND1
LSWL
LSWR
R10(A), (B)
Rear Door Lock Assembly LH
R2(A), (B)
Rear Door Lock Assembly RH
Unlock Detection
UL
L
LSSR
M
N1
U1
T1
P(*18)
B(*18)
W–B(*13)
SB
V
W

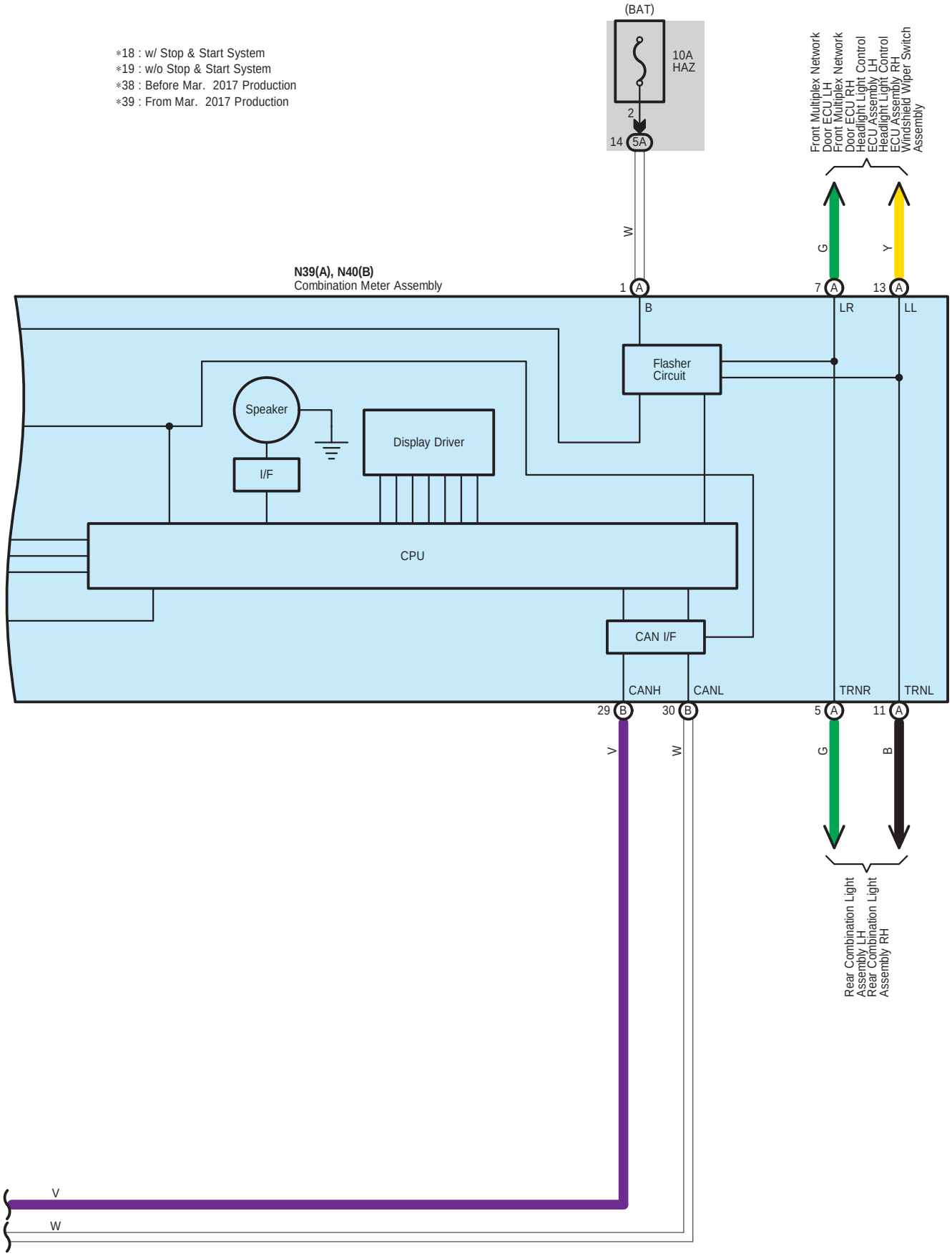

N11(A), N12(B), N13(C)
Main Body ECU
LSFL
7 B
SB
23 NU1
(IG)
(BAT)
(BAT)
10A
LH–IG
30A
DOOR
FL
5A
P/W–B
2
40 5C
7 5C
25 5C
V
R
L
33 QU1
4 QU1
31 QU1
B
V
W
3 B
6 B
16 B
SIG
BDR
BCUT
Q18(A), Q19(B)
Front Multiplex Network Door ECU LH
LSWE
OSCE
GND
22 A
11 A
1 B
5 QU1
6 QU1
19 QU1
G
L
SB
G
Y
SB
W–B
W–B
(*13)
W–B
4 A
4 B
3 A
1 B
8 A
8 B
7 A (*26)
7 B (*27)
L
UL
LSSR
E
M
Unlock
Detection
1 QU1
W–B
Q22(A), (B)
Front Door Lock Assembly LH
L
G
W
Y
W
Y
P(*18)
B(*18)
W–B(*13)
W–B(*13)
SB
V
W
P(*18)
B(*18)
W–B(*13)
SB
V
W
U1


N11(A), N12(B), N13(C)
Main Body ECU
LSFR
18 B
∗13 : w/ Entry Function
∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System
∗26 : w/ Double Locking
∗27 : w/o Double Locking
(BAT)
10A
MPX–B
2
1
20 NT1
64 4A
23 4C
32 QU1
46 5C
32 5D
18 5A
32 QT1
4
U66
Junction
Connector
1
4 B
CPUB
Q18(A), Q19(B)
Front Multiplex Network
Door ECU LH
CANN
CANP
7 B
8 B
19 TU1
3
T46
Junction
Connector
1
27 4C
21 4C
17 4A
5 QT1
6 QT1
19 QT1
Q3(A), Q4(B)
Front Multiplex Network
Door ECU RH
4 B
CPUB
LSWE
22 A
W–B
2 A
4 B
1 A
1 B
7 A
7 B
8 A (∗26)
8 B (∗27)
L
UL
LSSR
E
M
Unlock
Detection
Q7(A), (B)
Front Door Lock Assembly RH
W
Y
R
G
P(∗18)
B(∗18)
W–B(∗13)
SB
V
W

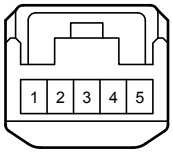

N11(A), N12(B), N13(C)
Main Body ECU
CANP
CANN
(BAT)
(IG)
30A
DOOR
FR
10A
RH–IG
*13 : w/ Entry Function
*18 : w/ Stop & Start System
*24 : w/ Power Trunk Lid
*25 : w/o Power Trunk Lid
U54
Junction
Connector
N133
Junction
Connector
N130
Junction
Connector
Q3(A), Q4(B)
Front Multiplex Network Door ECU RH
OSCE
GND
CANP
CANN
BDR
SIG
W–B(*13)
B(*18)
SB
V
W
T1


U54
Junction
Connector
U33
Luggage Closer
Motor Assembly
U62
Multiplex Network
Door ECU
CANP
CANN
PAWL
HAF
SWG
UT1
aT1
a11
Junction
Connector
CLS
FSW
E
CSWE
Pawl
Half
a9
Luggage Compartment Door Lock Assembly
B(*18)
SB
V
W

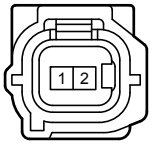

(IG)
5A
GAUGE
(BAT)
10A
MPX–B
32 5D
18 5A
NA2
NA1
N39(A), N40(B)
Combination Meter Assembly
IG+
5V IC
5V+B
Telltales
LED Driver
SI
+S
ES
N125
Junction
Connector
A77(A), A94(B)
Brake Actuator Assembly
SP1
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
Speed Sensors
B(*18)
SB
V
W
N3


∗18 : w/ Stop & Start System
∗19 : w/o Stop & Start System
∗38 : Before Mar. 2017 Production
∗39 : From Mar. 2017 Production
(BAT)
10A
HAZ
2
14 5A
W
N39(A), N40(B)
Combination Meter Assembly
1 A
B
Flasher
Circuit
Speaker
I/F
Display Driver
CPU
CAN I/F
CANH
CANL
29 B
30 B
V
W
Front Multiplex Network
Door ECU LH
Front Multiplex Network
Door ECU RH
Headlight Light Control
ECU Assembly LH
Headlight Light Control
ECU Assembly RH
Windshield Wiper Switch
Assembly
G
Y
7 A
13 A
LR
LL
TRNR
TRNL
5 A
11 A
G
B
Rear Combination Light
Assembly LH
Rear Combination Light
Assembly RH
V
W

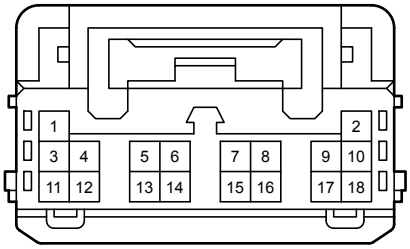
A 5
White



A 10
Gray



A 34
White



A 53
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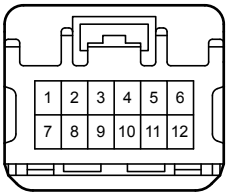

A 75
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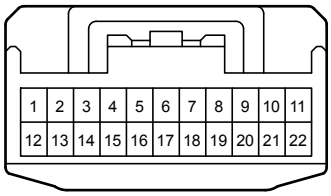
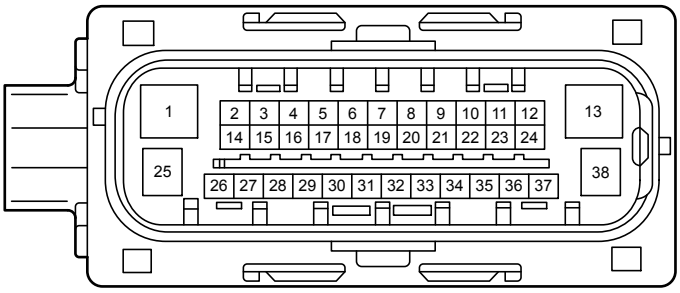


A 77
Black



A 78
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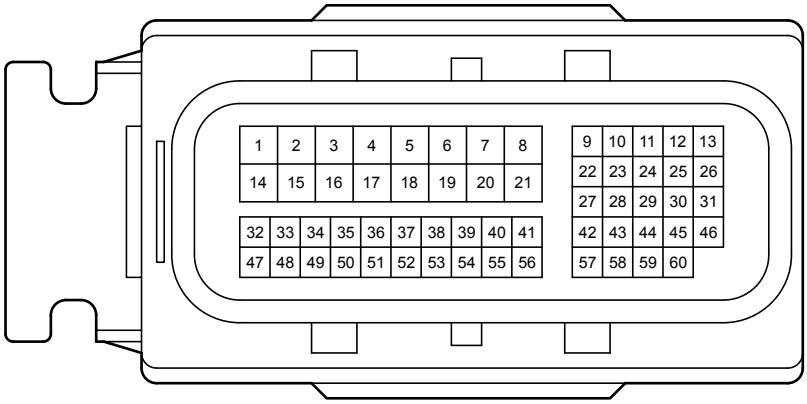

A 83
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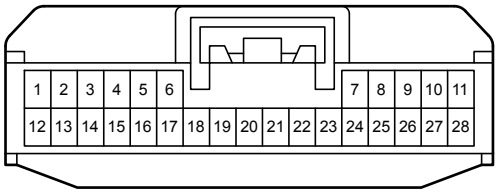

A 90
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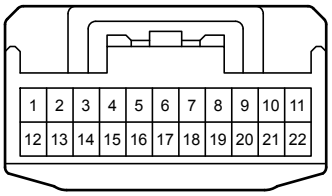

A 91
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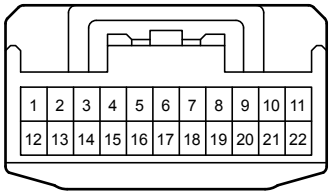

A 94
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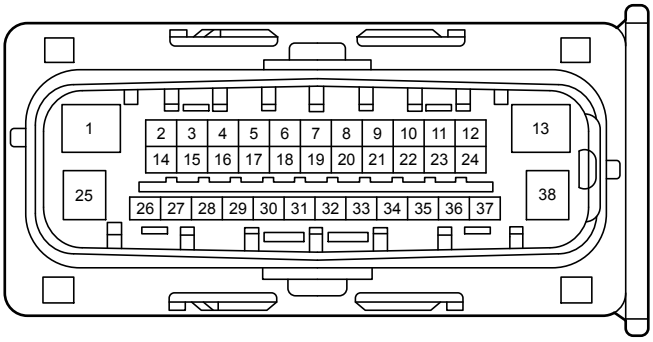
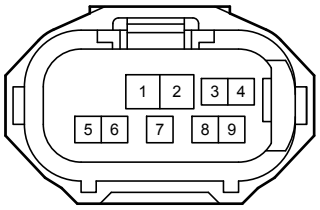
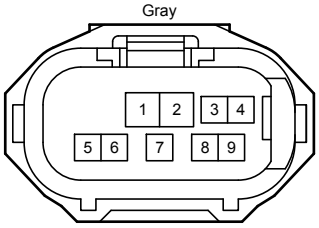


F 22
Black

F 48
Black



F 65
Gray



F 78
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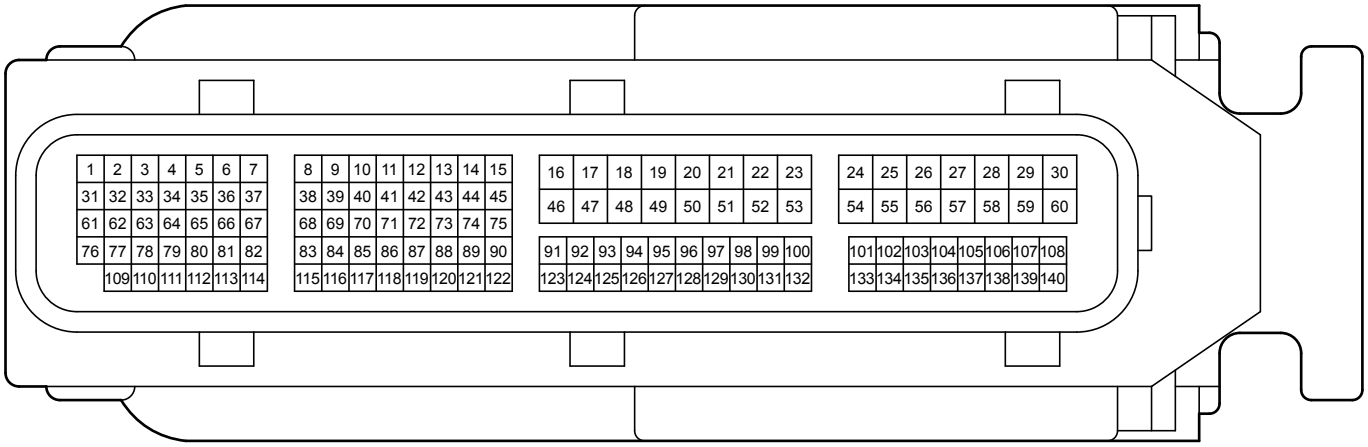
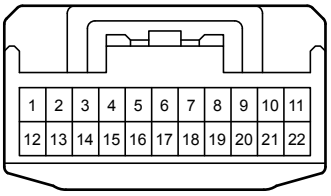
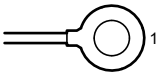


F 99
Black

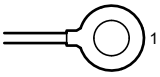
F115
Blue



G 3



G 4



N 11
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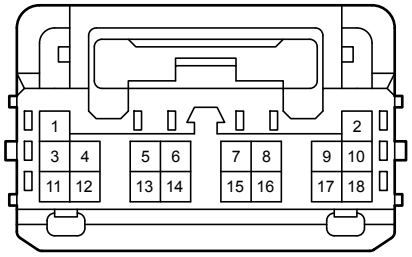

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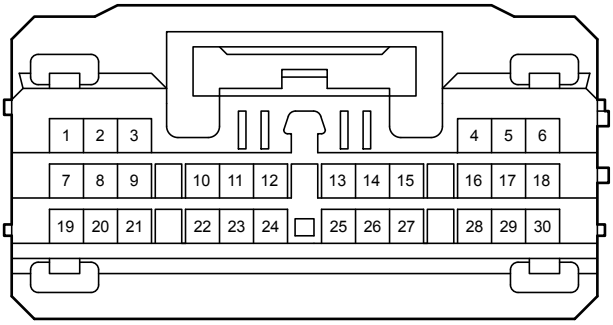

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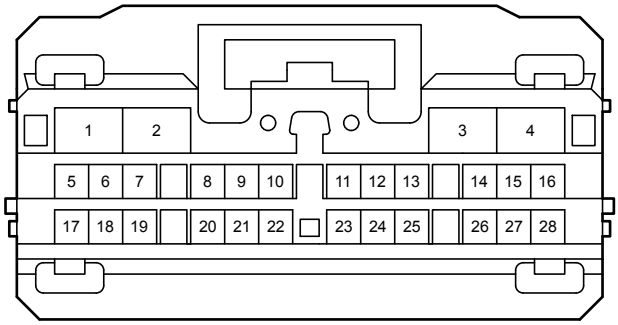

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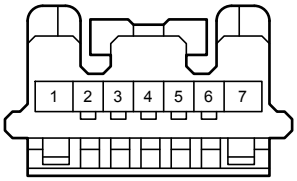

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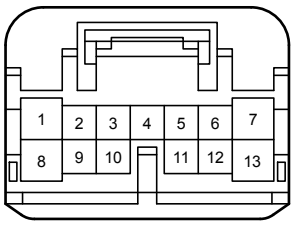

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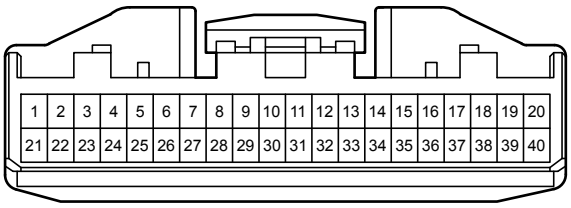

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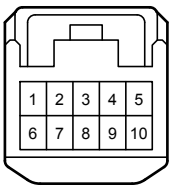

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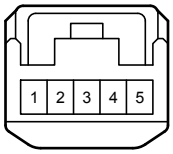

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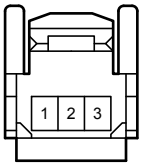

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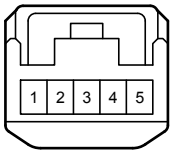

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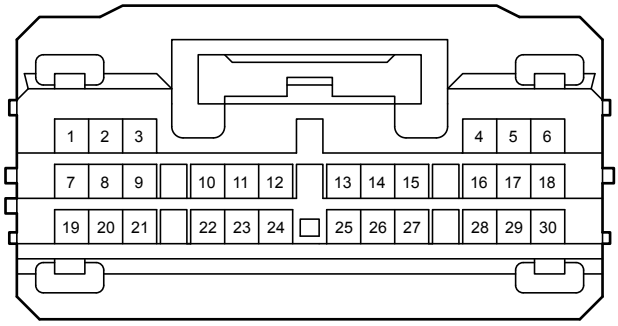

N106
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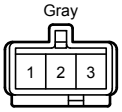
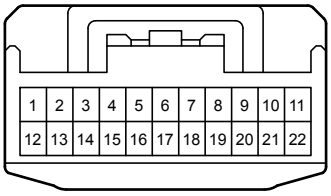
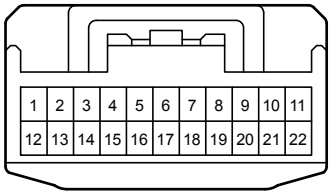


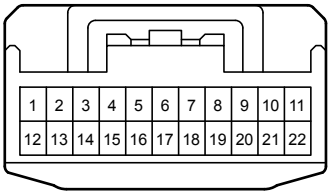
N125
Blue



N126
Blue



N128
Blue



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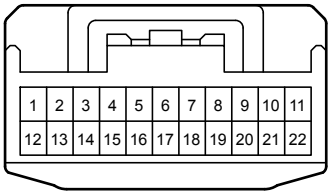

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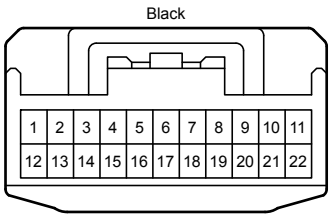

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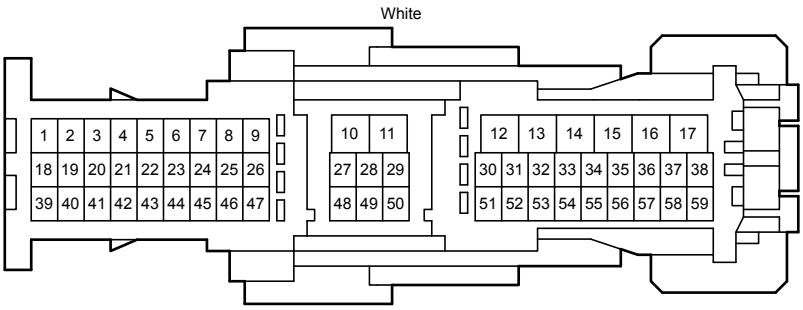

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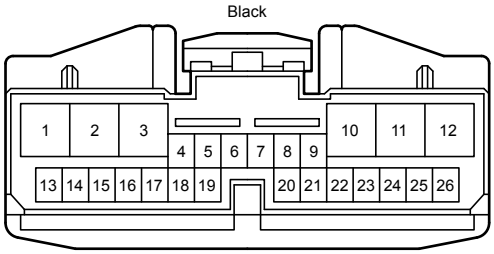

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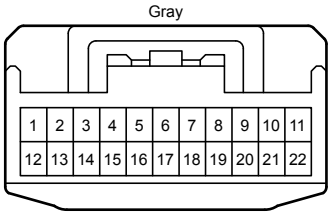

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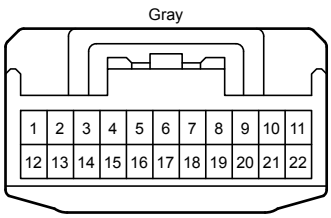

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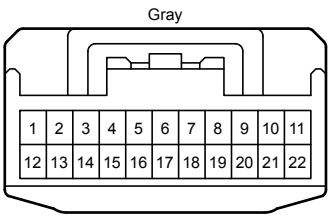

Q 3
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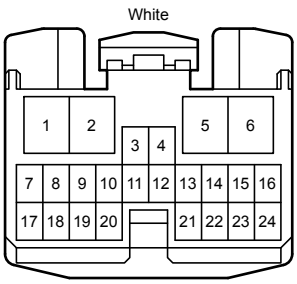
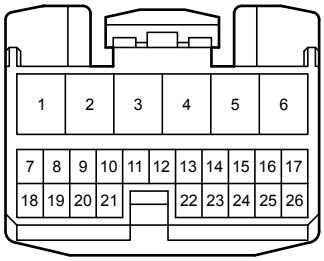
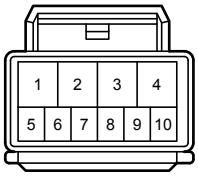


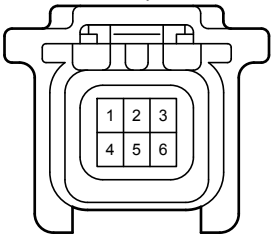
Q 4
White



Q 7
White



Q 8
Gray



Q 18
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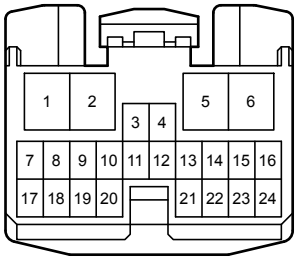

Q 19
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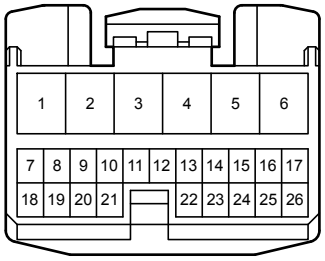

Q 22
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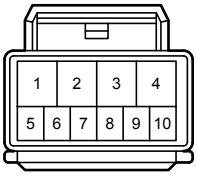

Q 23
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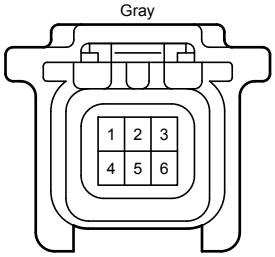

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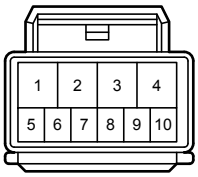

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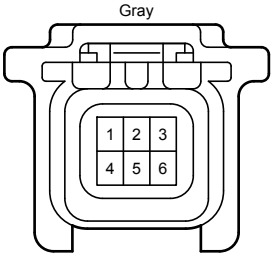

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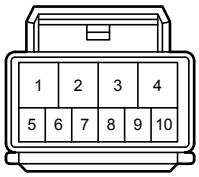

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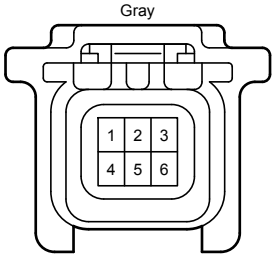

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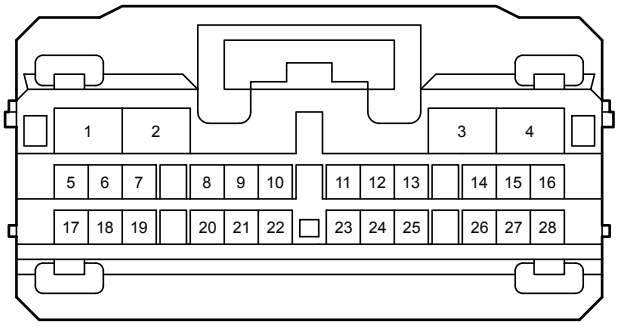

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T 21
Black

T 32
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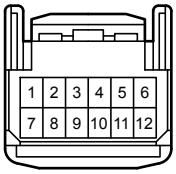

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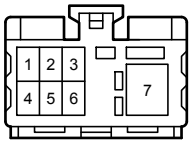

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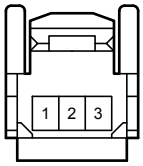

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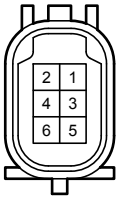

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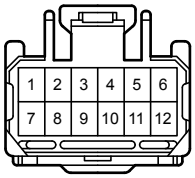

T 45
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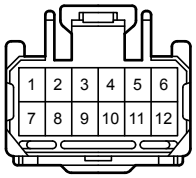

T 46
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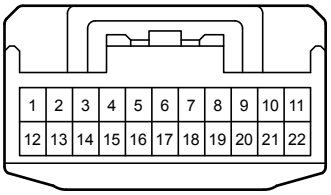

T 51
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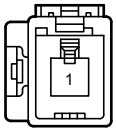
T 52
Gray



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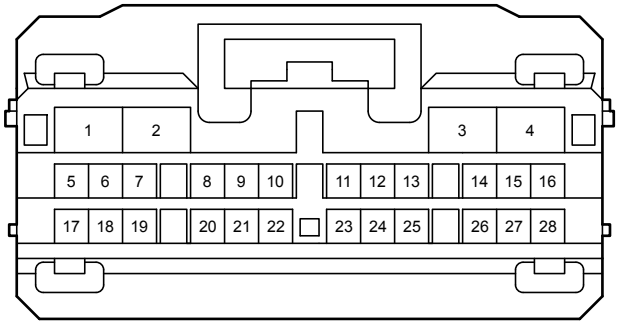
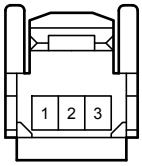


U 8
Black

U 14
White



U 18
Black

U 33
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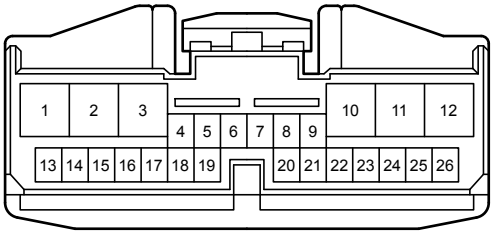

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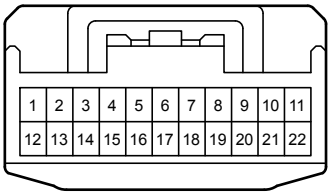

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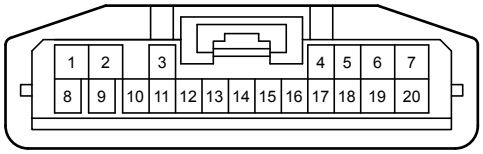

U 66
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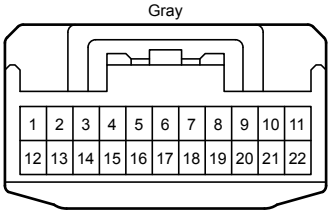

U 67
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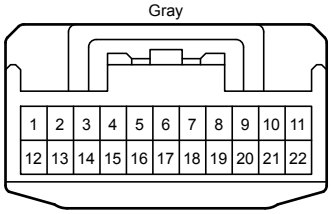

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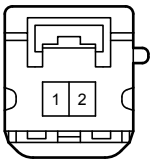

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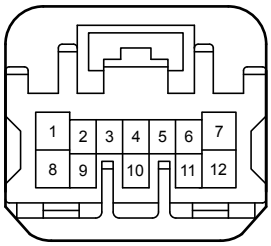

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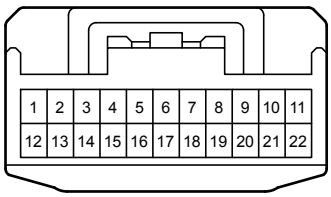

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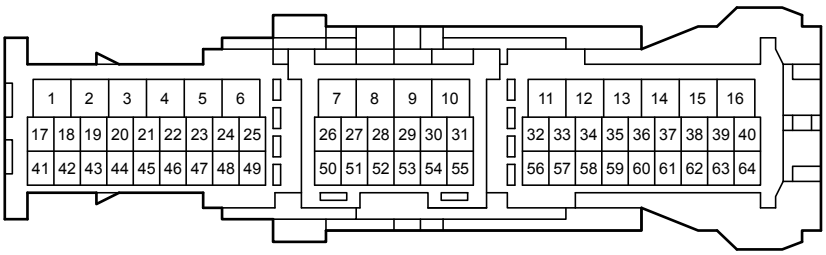

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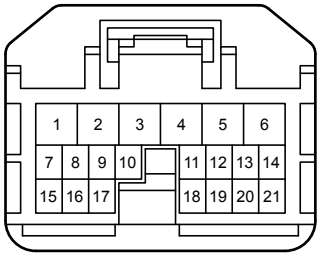

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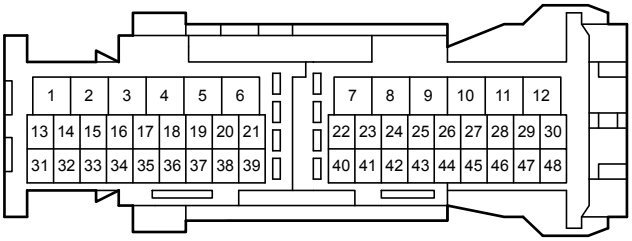

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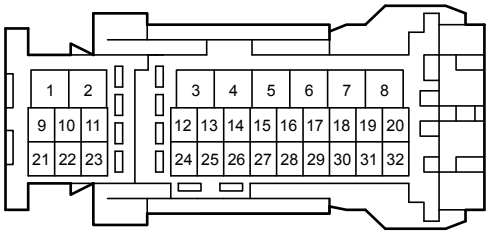

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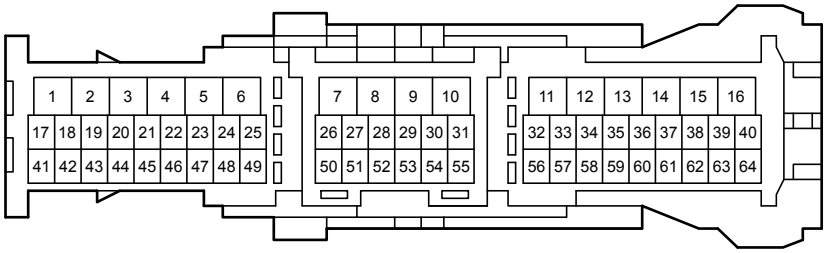

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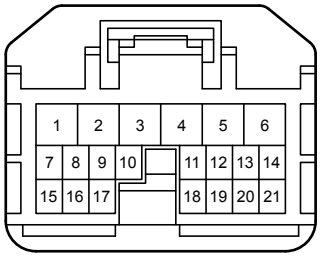

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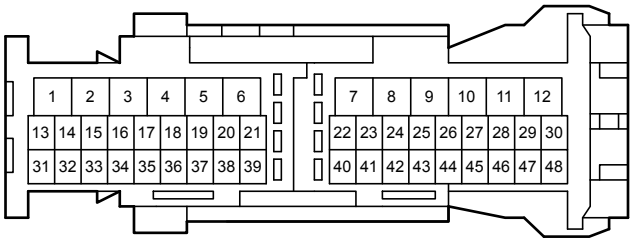

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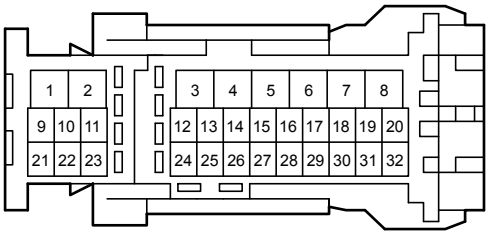

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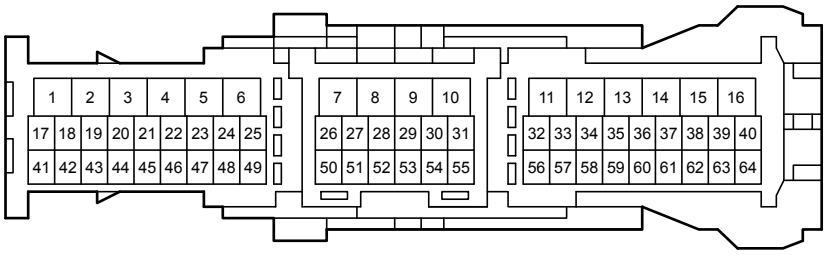

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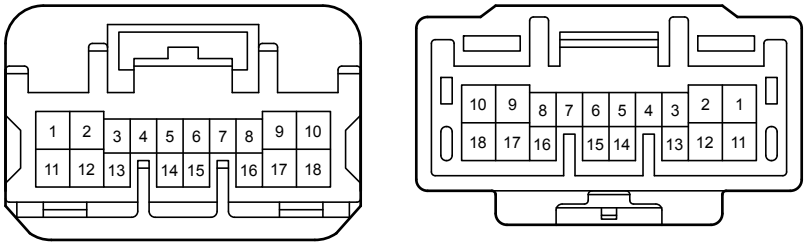

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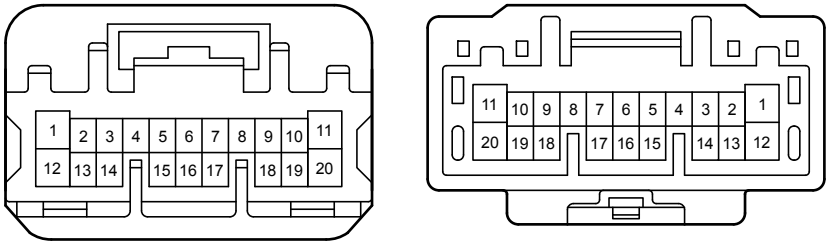

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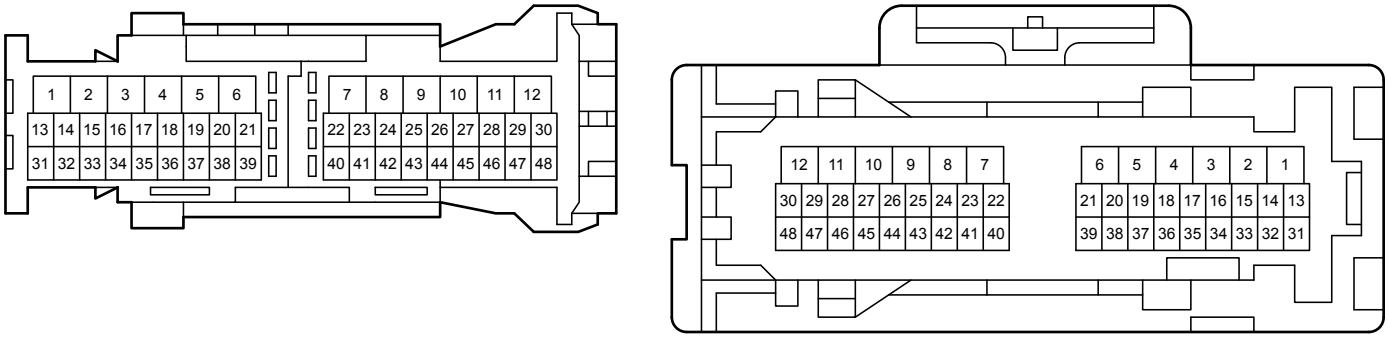

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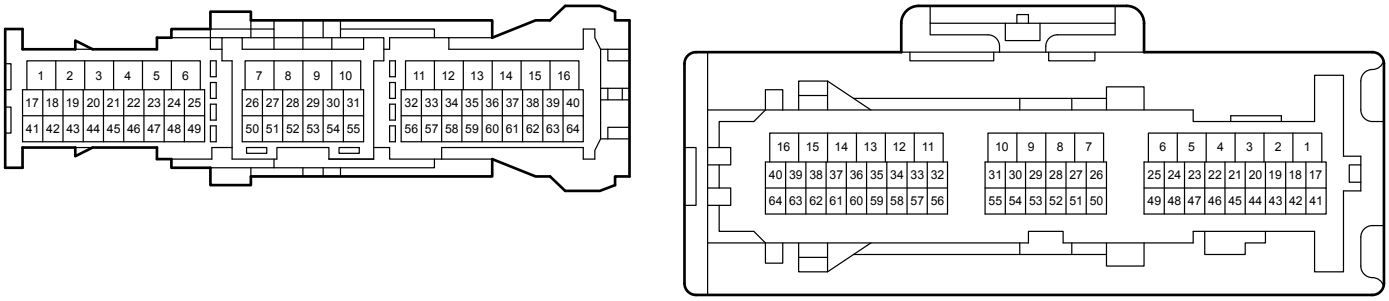

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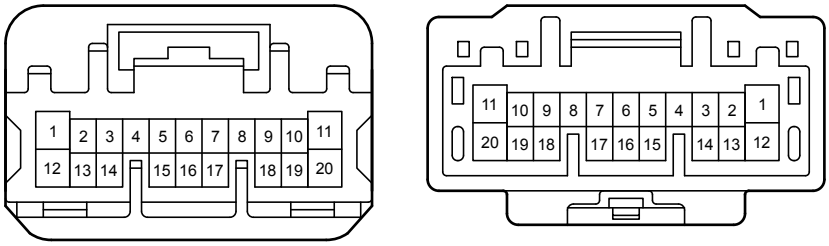

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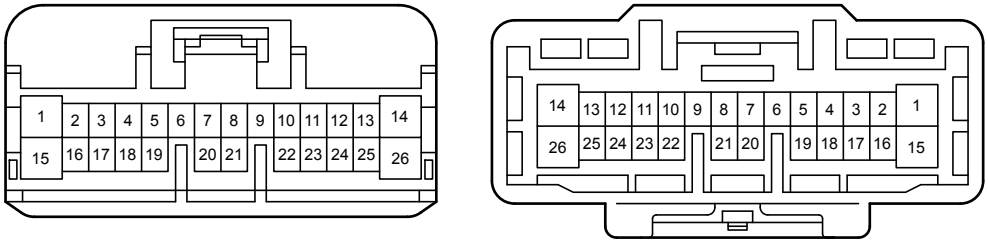

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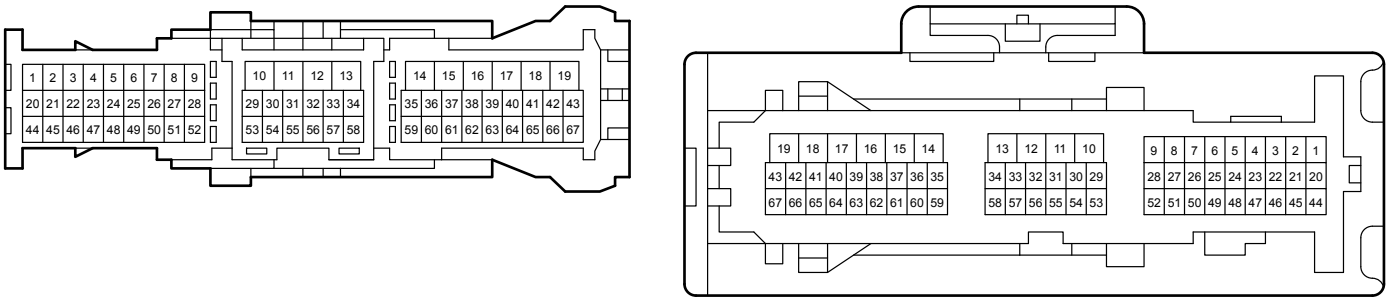

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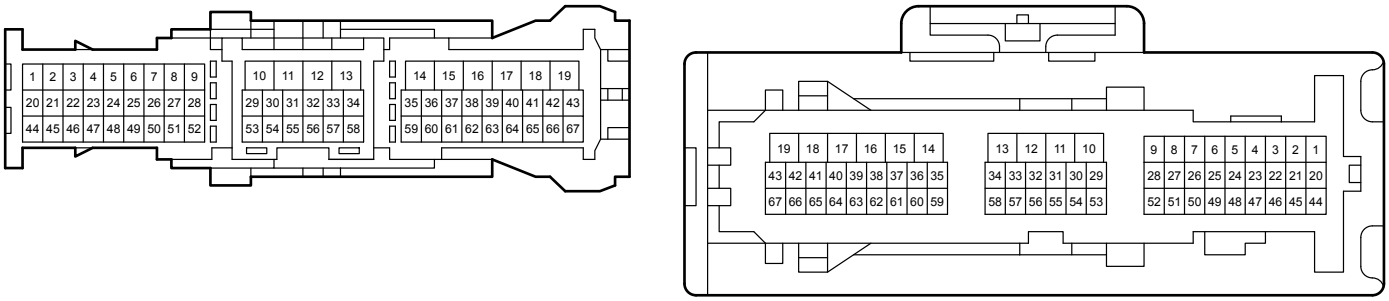

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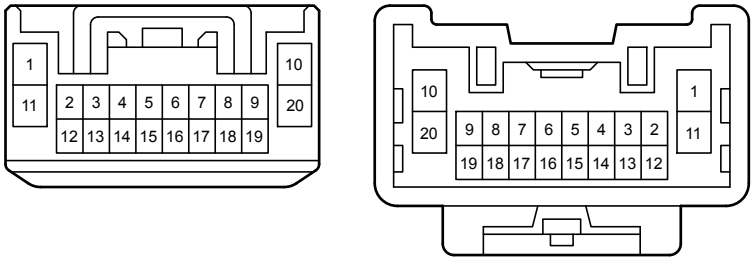

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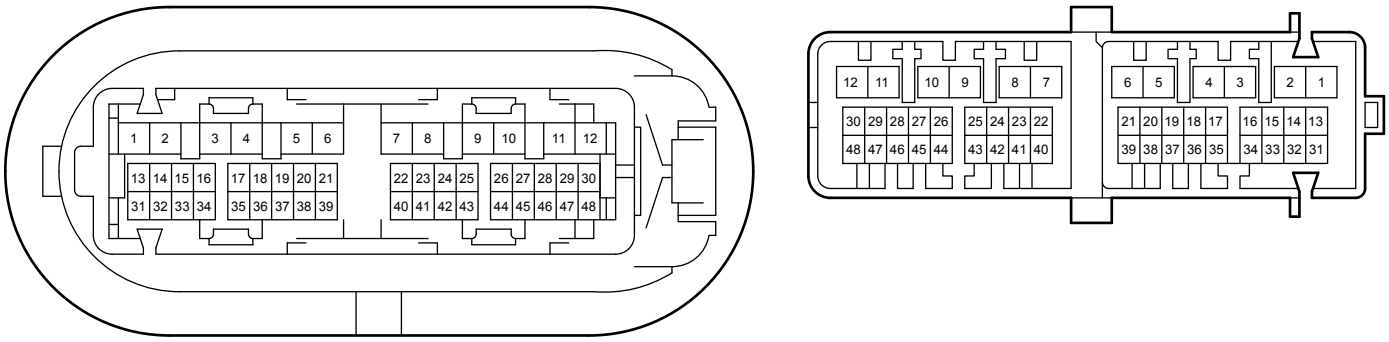

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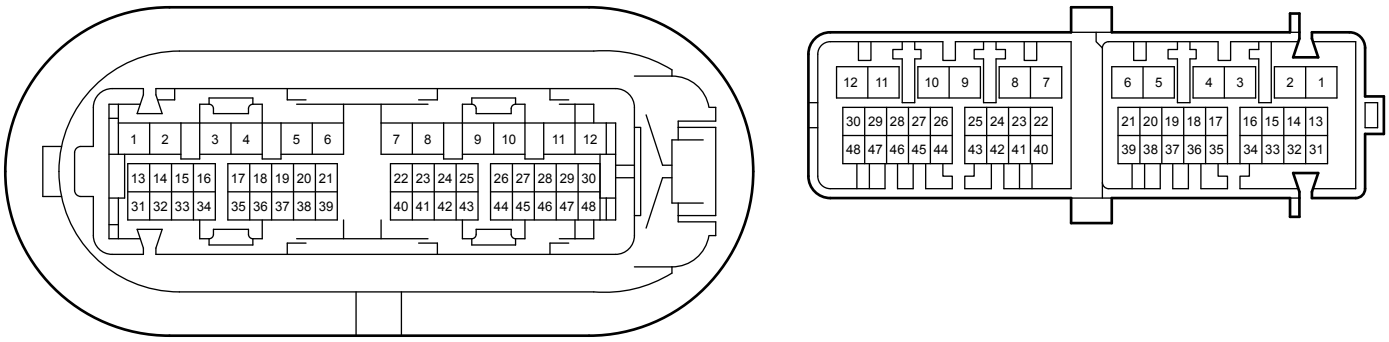

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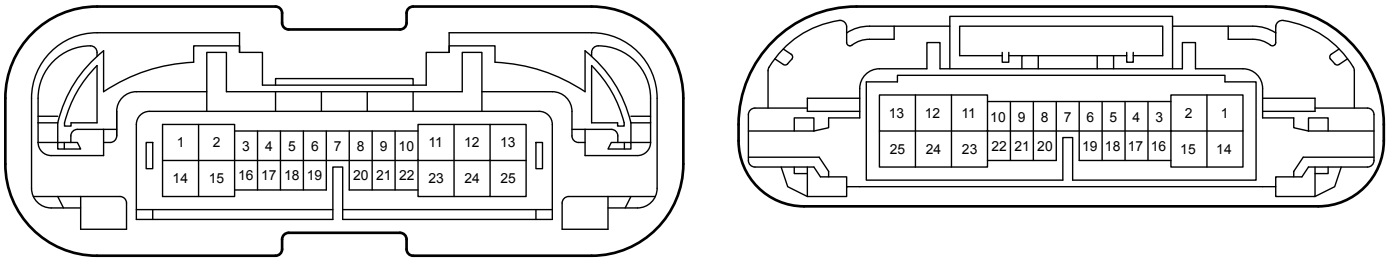

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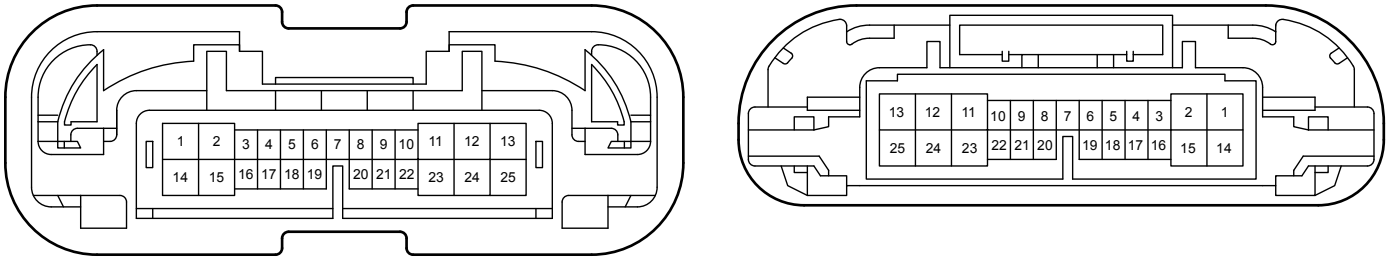

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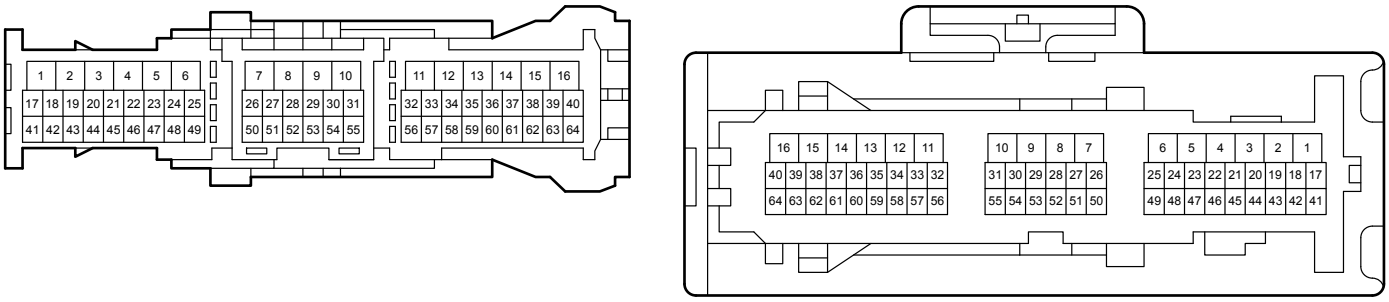

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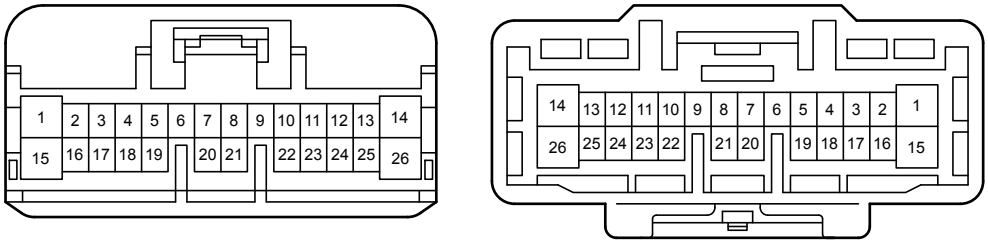
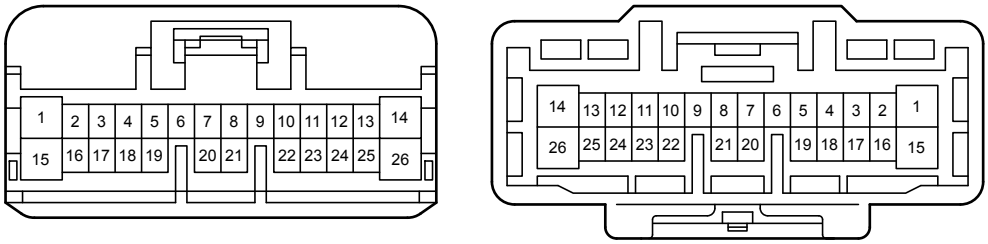
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