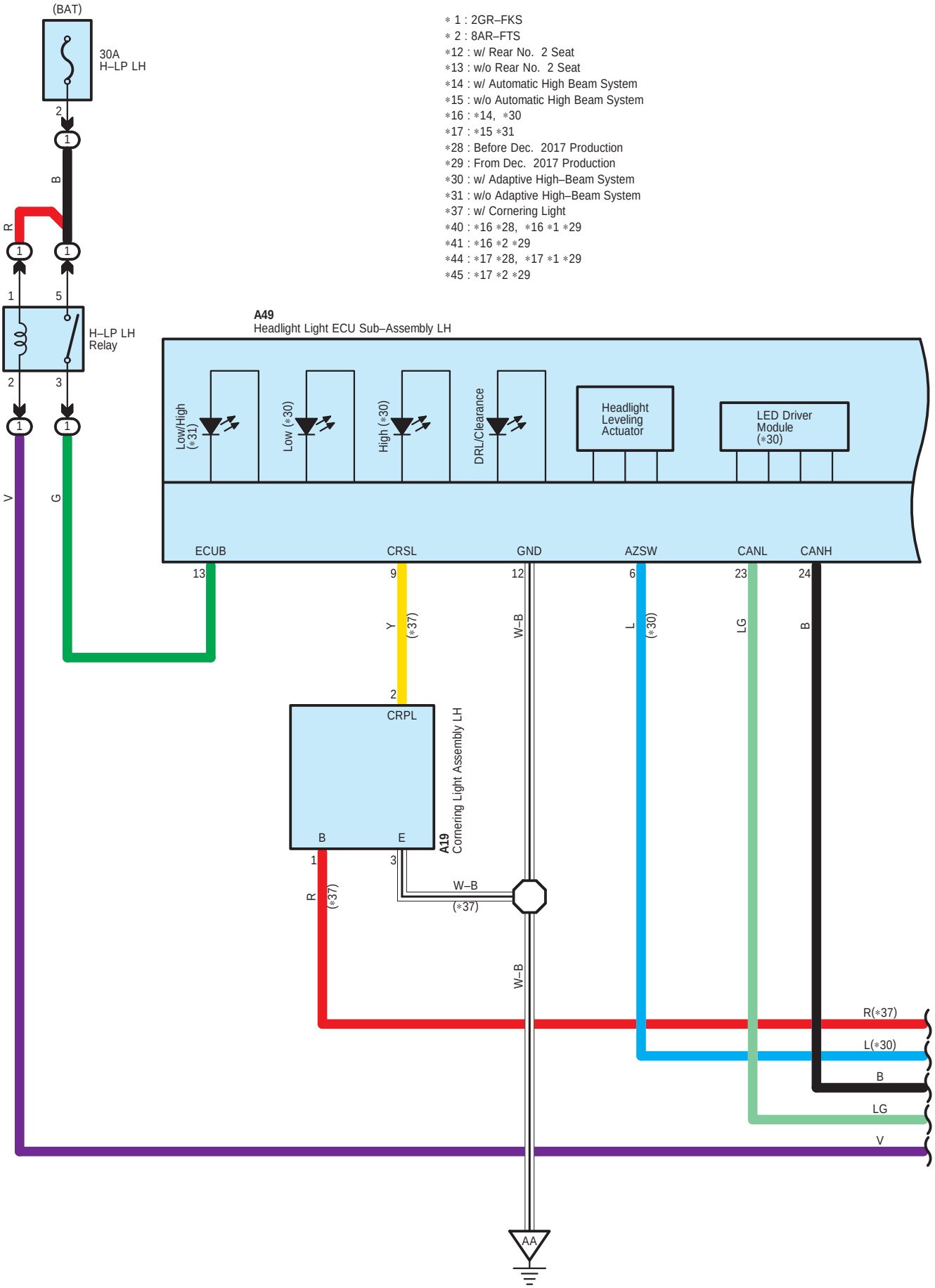
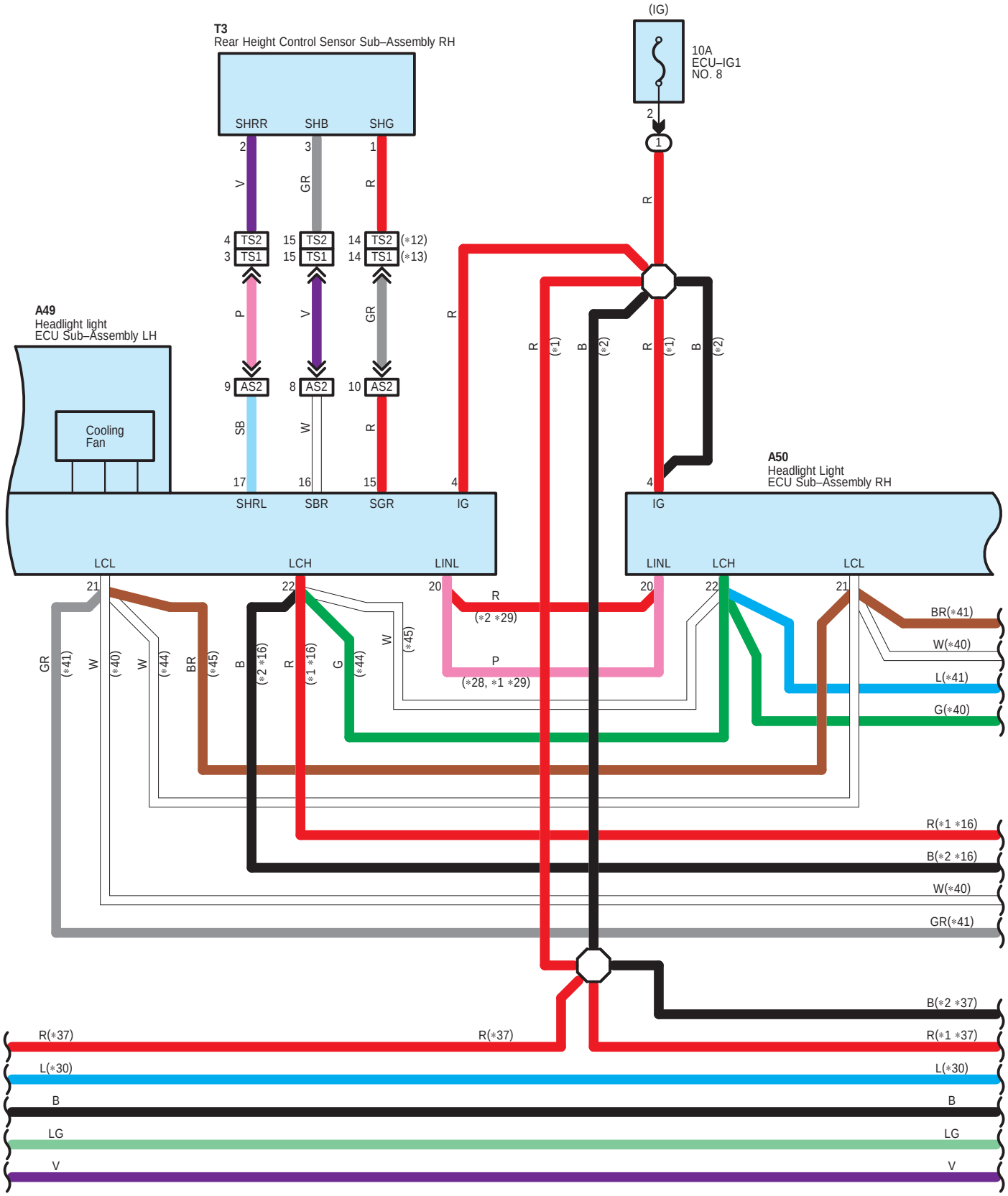
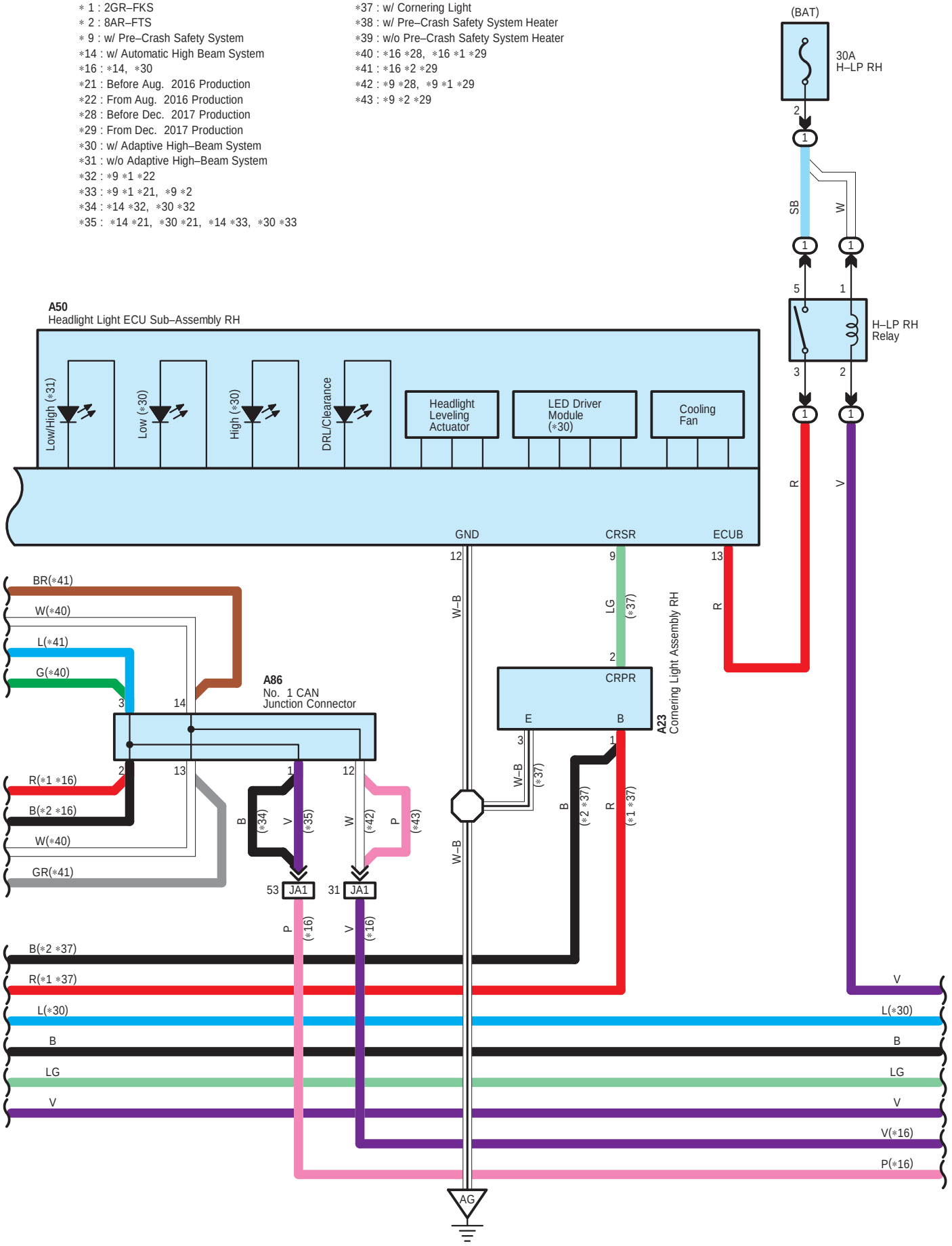
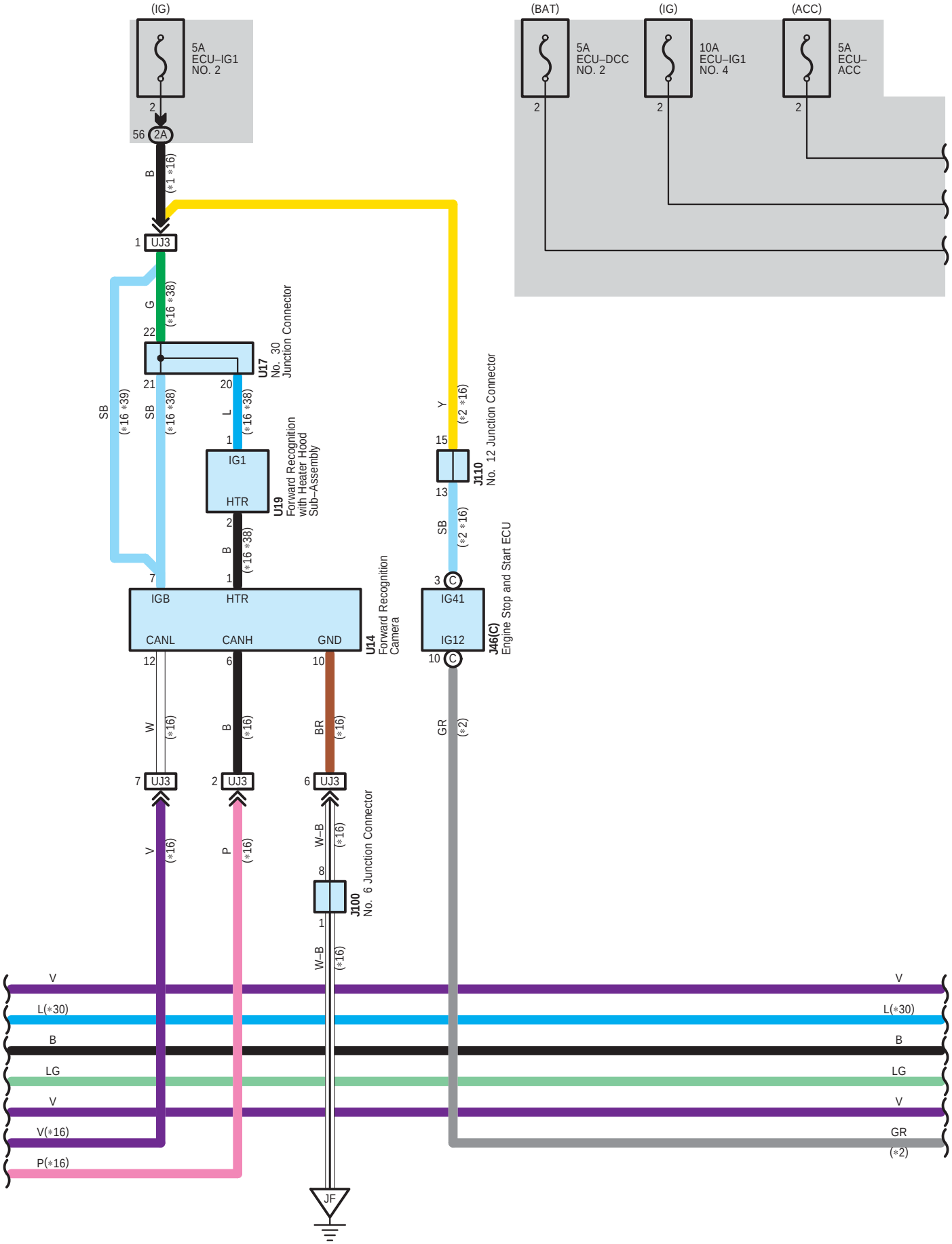
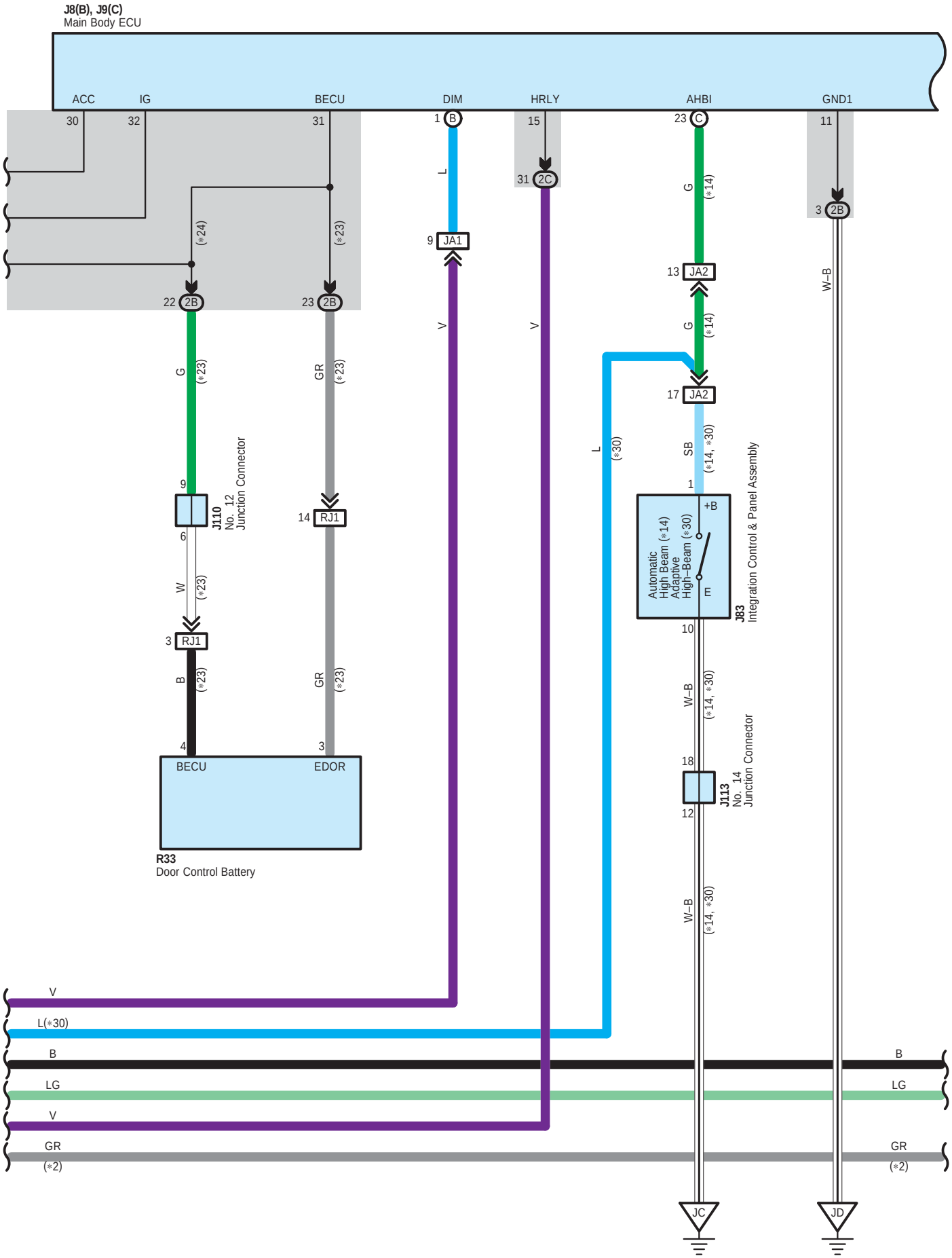

(BAT)
30A
H–LP LH
2
1
B
R
1
1
1
5
H–LP LH
Relay
2
3
1
1
V
G
∗ 1 : 2GR–FKS
∗ 2 : 8AR–FTS
∗12 : w/ Rear No. 2 Seat
∗13 : w/o Rear No. 2 Seat
∗14 : w/ Automatic High Beam System
∗15 : w/o Automatic High Beam System
∗16 : ∗14, ∗30
∗17 : ∗15 ∗31
∗28 : Before Dec. 2017 Production
∗29 : From Dec. 2017 Production
∗30 : w/ Adaptive High–Beam System
∗31 : w/o Adaptive High–Beam System
∗37 : w/ Cornering Light
∗40 : ∗16 ∗28, ∗16 ∗1 ∗29
∗41 : ∗16 ∗2 ∗29
∗44 : ∗17 ∗28, ∗17 ∗1 ∗29
∗45 : ∗17 ∗2 ∗29
A49
Headlight Light ECU Sub–Assembly LH
Low/High (∗31)
Low (∗30)
High (∗30)
DRL/Clearance
Headlight Leveling Actuator
LED Driver Module (∗30)
ECUB
CRSL
GND
AZSW
CANL
CANH
13
9
12
6
23
24
Y
(∗37)
W–B
L
(∗30)
LG
B
2
CRPL
A19
Cornering Light Assembly LH
B
E
1
3
R
(∗37)
W–B
(∗37)
W–B
R(∗37)
L(∗30)
B
LG
V
AA

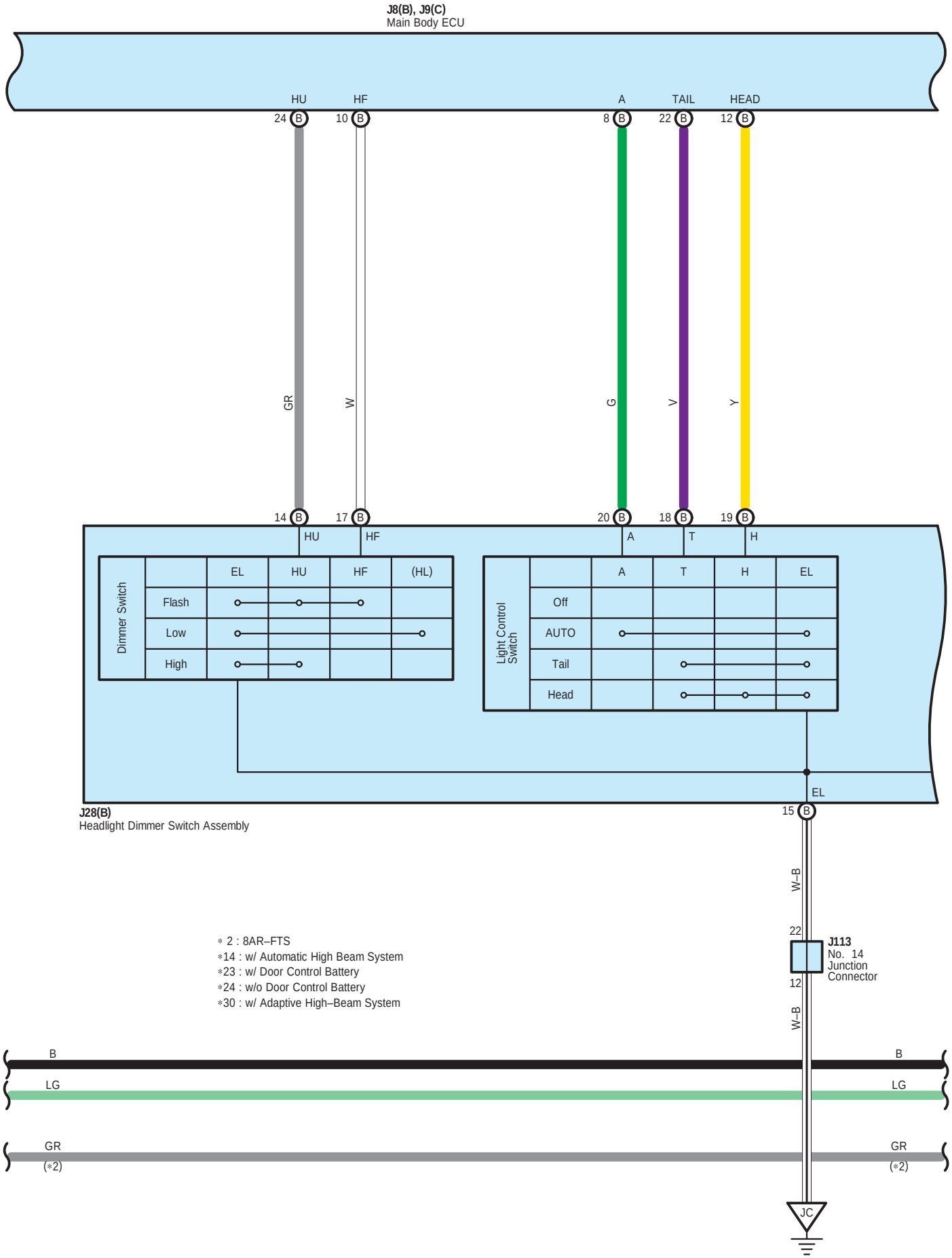

T3
Rear Height Control Sensor Sub–Assembly RH
SHRR
SHB
SHG
(IG)
10A
ECU–IG1
NO. 8
A49
Headlight light
ECU Sub–Assembly LH
Cooling
Fan
A50
Headlight Light
ECU Sub–Assembly RH
TS2
TS1
AS2
(∗12)
(∗13)
SHRL
SBR
SGR
IG
LCL
LCH
LINL
R(∗37)
L(∗30)
B
LG
V
R(∗1 ∗16)
B(∗2 ∗16)
W(∗40)
GR(∗41)
B(∗2 ∗37)
R(∗1 ∗37)
BR(∗41)
L(∗41)
G(∗40)
(∗2 ∗29)
(∗28, ∗1 ∗29)

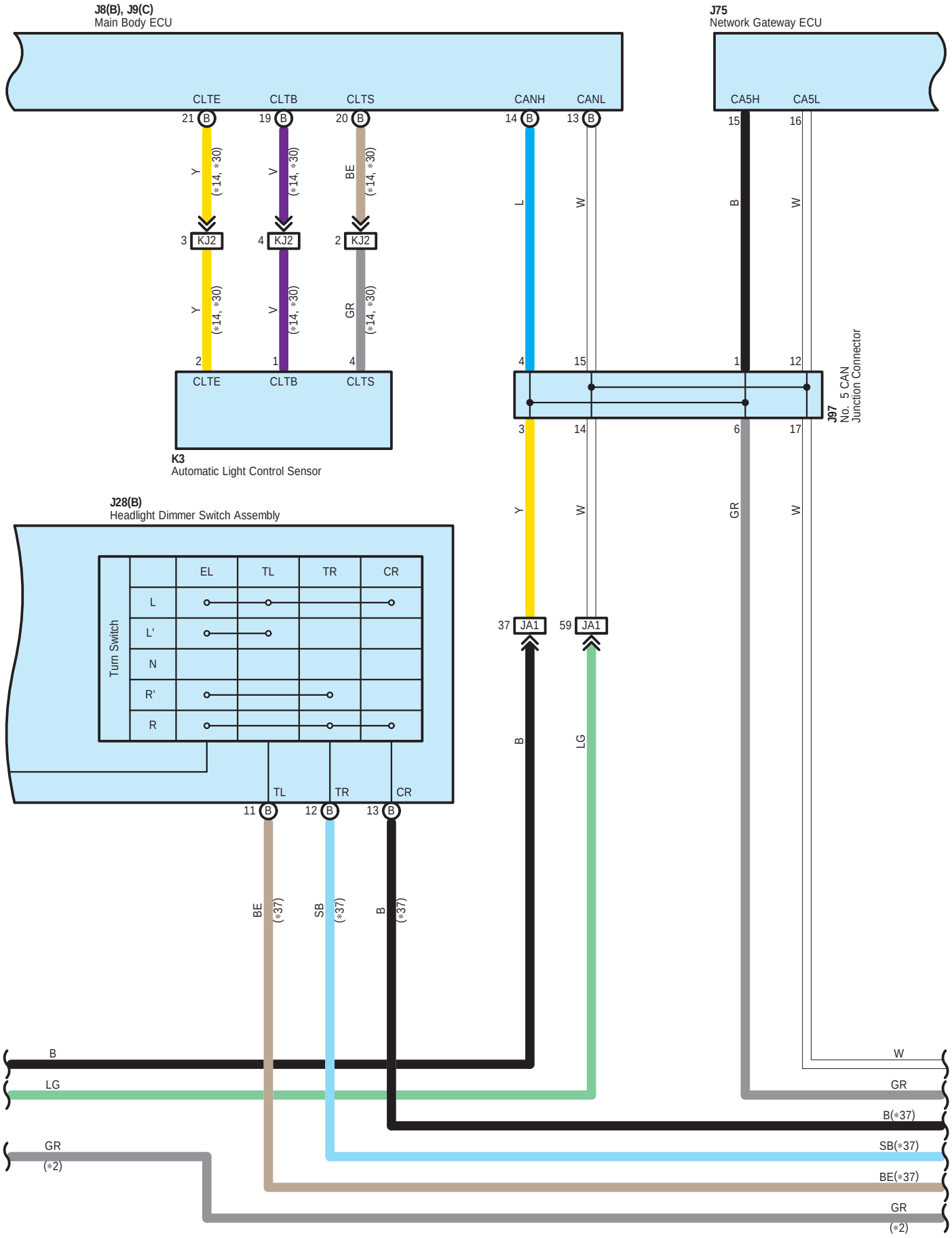
∗ 1 : 2GR–FKS
∗ 2 : 8AR–FTS
∗ 9 : w/ Pre–Crash Safety System
∗14 : w/ Automatic High Beam System
∗16 : ∗14, ∗30
∗21 : Before Aug. 2016 Production
∗22 : From Aug. 2016 Production
∗28 : Before Dec. 2017 Production
∗29 : From Dec. 2017 Production
∗30 : w/ Adaptive High–Beam System
∗31 : w/o Adaptive High–Beam System
∗32 : ∗9 ∗1 ∗22
∗33 : ∗9 ∗1 ∗21, ∗9 ∗2
∗34 : ∗14 ∗32, ∗30 ∗32
∗35 : ∗14 ∗21, ∗30 ∗21, ∗14 ∗33, ∗30 ∗33
∗37 : w/ Cornering Light
∗38 : w/ Pre–Crash Safety System Heater
∗39 : w/o Pre–Crash Safety System Heater
∗40 : ∗16 ∗28, ∗16 ∗1 ∗29
∗41 : ∗16 ∗2 ∗29
∗42 : ∗9 ∗28, ∗9 ∗1 ∗29
∗43 : ∗9 ∗2 ∗29

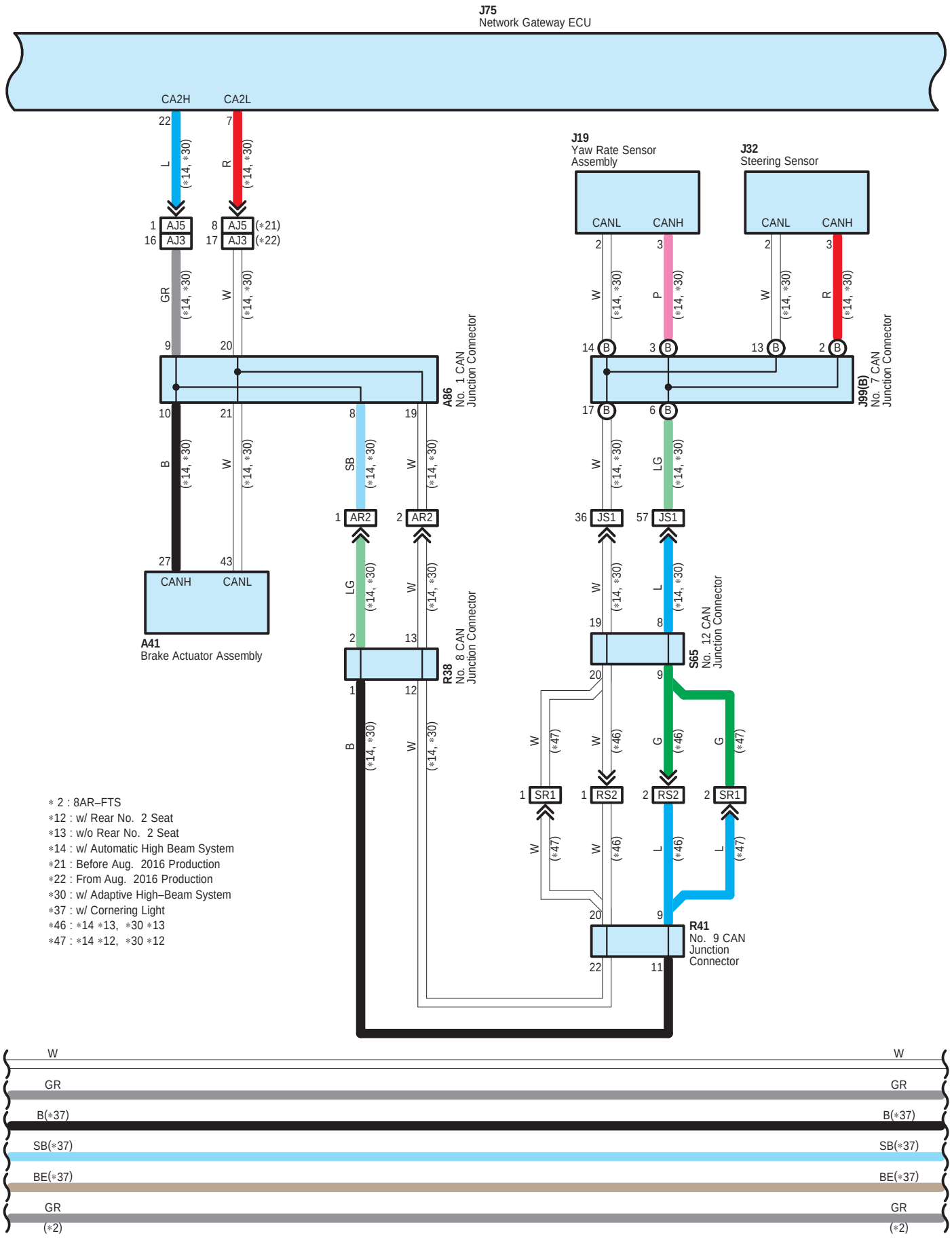


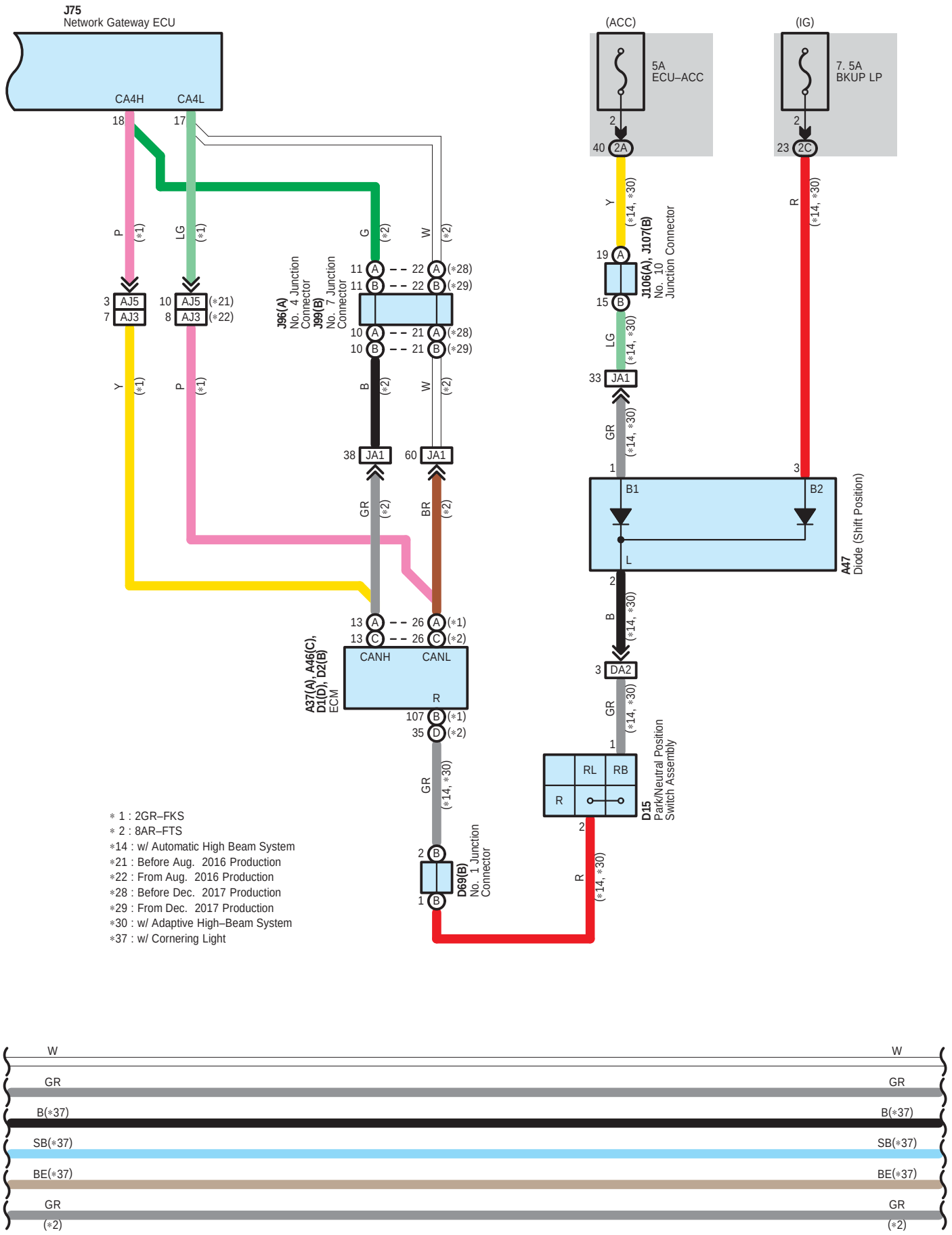

(IG)
5A
ECU–IG1
NO. 2
2
56 2A
B
(*1 *16)
1 UJ3
G
(*16 *38)
22
21
20
U17
No. 30
Junction Connector
SB
(*16 *39)
SB
(*16 *38)
L
(*16 *38)
1
IG1
HTR
U19
Forward Recognition
with Heater Hood
Sub–Assembly
2
B
(*16 *38)
7
1
IGB
HTR
CANL
CANH
GND
U14
Forward Recognition
Camera
12
6
10
W
(*16)
B
(*16)
BR
(*16)
7 UJ3
2 UJ3
6 UJ3
V
(*16)
P
(*16)
W–B
(*16)
8
1
J100
No. 6 Junction Connector
W–B
(*16)
Y
(*2 *16)
15
J110
No. 12 Junction Connector
13
SB
(*2 *16)
3 C
IG41
IG12
10 C
J46(C)
Engine Stop and Start ECU
GR
(*2)
(BAT)
5A
ECU–DCC
NO. 2
2
(IG)
10A
ECU–IG1
NO. 4
2
(ACC)
5A
ECU–
ACC
2
V
L(*30)
B
LG
V
V(*16)
P(*16)
V
L(*30)
B
LG
V
GR
(*2)
JF


J8(B), J9(C)
Main Body ECU
ACC
IG
BECU
DIM
HRLY
AHBI
GND1
30
32
31
1 B
15
31 2C
23 C
11
3 2B
L
G
(*14)
9 JA1
13 JA2
W–B
(*24)
(*23)
22 2B
23 2B
V
G
(*14)
G
(*23)
GR
(*23)
17 JA2
L
(*30)
SB
(*14, *30)
9
J110
No. 12
Junction Connector
14 RJ1
1
+B
Automatic
High Beam (*14)
Adaptive
High–Beam (*30)
E
J83
Integration Control & Panel Assembly
6
W
(*23)
3 RJ1
10
B
(*23)
GR
(*23)
W–B
(*14, *30)
4
3
18
J113
No. 14
Junction Connector
12
BECU
EDOR
R33
Door Control Battery
W–B
(*14, *30)
V
L(*30)
B
LG
V
GR
(*2)
B
LG
GR
(*2)
JC
JD

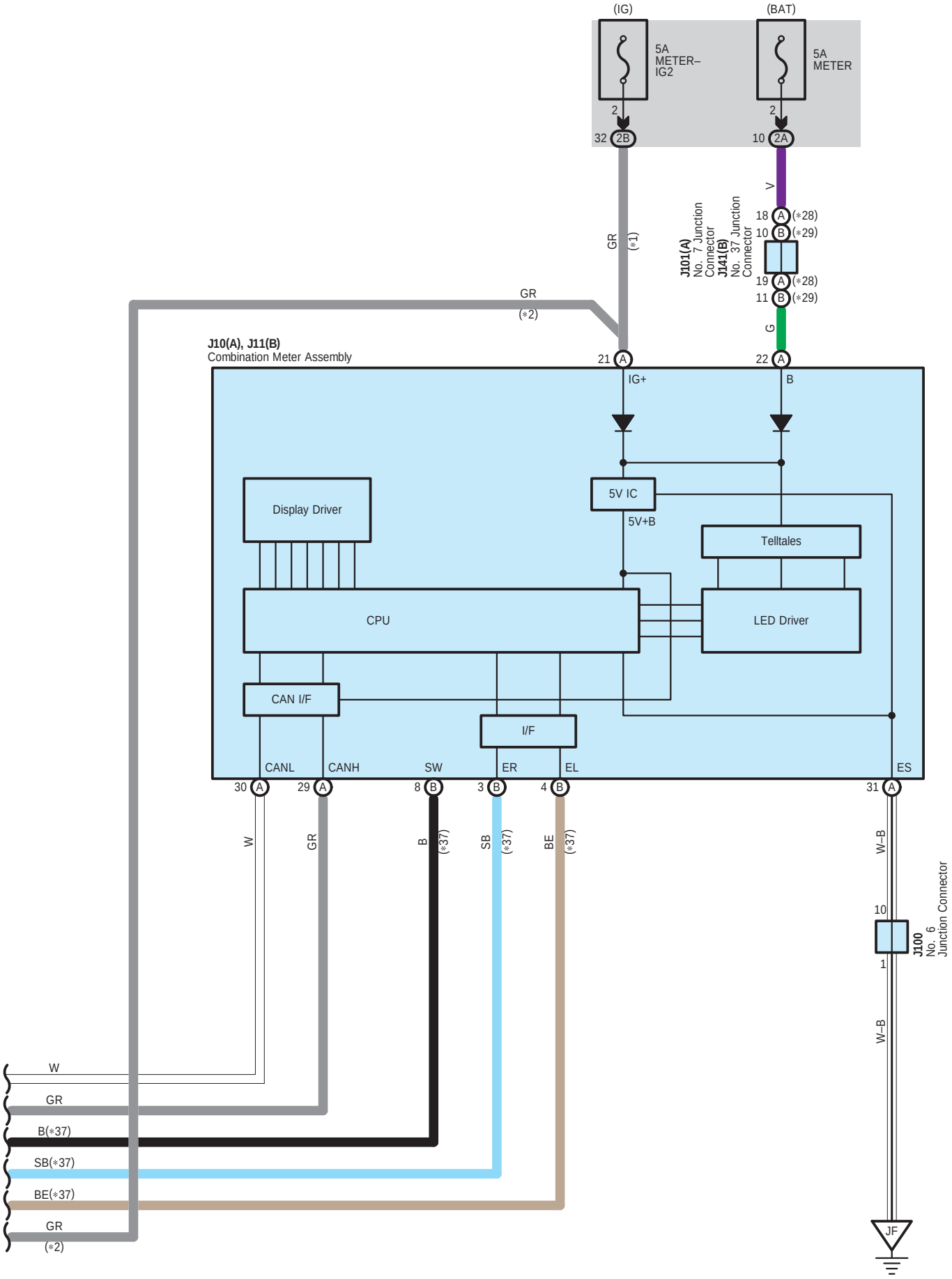

J8(B), J9(C)
Main Body ECU
HU
HF
A
TAIL
HEAD
24 B
10 B
8 B
22 B
12 B
GR
W
G
V
Y
14 B
17 B
20 B
18 B
19 B
HU
HF
A
T
H
Dimmer Switch
EL
HU
HF
(HL)
Flash
Low
High
Light Control Switch
A
T
H
EL
Off
AUTO
Tail
Head
EL
J28(B)
Headlight Dimmer Switch Assembly
15 B
W–B
22
J113
No. 14
Junction
Connector
12
W–B
∗ 2 : 8AR–FTS
∗14 : w/ Automatic High Beam System
∗23 : w/ Door Control Battery
∗24 : w/o Door Control Battery
∗30 : w/ Adaptive High–Beam System
B
B
LG
LG
GR
(∗2)
GR
(∗2)
JC


J8(B), J9(C)
Main Body ECU
CLTE
CLTB
CLTS
CANH
CANL
21 B
19 B
20 B
14 B
13 B
Y
(*14, *30)
V
BE
L
W
3 KJ2
4 KJ2
2 KJ2
GR
2
1
4
K3
Automatic Light Control Sensor
J75
Network Gateway ECU
CA5H
CA5L
15
16
B
12
J97
No. 5 CAN
Junction Connector
3
14
6
17
J28(B)
Headlight Dimmer Switch Assembly
Turn Switch
EL
TL
TR
CR
L
L'
N
R'
R
37 JA1
59 JA1
11 B
12 B
13 B
(*37)
SB
LG
(*2)
B(*37)
SB(*37)
BE(*37)


J75
Network Gateway ECU
CA2H
CA2L
22
7
L
R
(*14, *30)
1 AJ5
16 AJ3
8 AJ5 (*21)
17 AJ3 (*22)
GR
W
9
20
A86
No. 1 CAN
Junction Connector
10
21
8
19
B
SB
1 AR2
2 AR2
27
43
CANH
CANL
A41
Brake Actuator Assembly
LG
2
13
R38
No. 8 CAN
Junction Connector
1
12
J19
Yaw Rate Sensor
Assembly
CANL
CANH
2
3
P
14 B
3 B
17 B
6 B
J32
Steering Sensor
13 B
2 B
J99(B)
No. 7 CAN
Junction Connector
36 JS1
57 JS1
19
8
S65
No. 12 CAN
Junction Connector
20
9
G
(*46)
(*47)
1 SR1
1 RS2
2 RS2
2 SR1
R41
No. 9 CAN
Junction
Connector
22
11
* 2 : 8AR–FTS
*12 : w/ Rear No. 2 Seat
*13 : w/o Rear No. 2 Seat
*14 : w/ Automatic High Beam System
*21 : Before Aug. 2016 Production
*22 : From Aug. 2016 Production
*30 : w/ Adaptive High–Beam System
*37 : w/ Cornering Light
*46 : *14 *13, *30 *13
*47 : *14 *12, *30 *12
W
GR
B(*37)
SB(*37)
BE(*37)
GR
(*2)


J75
Network Gateway ECU
CA4H
CA4L
18
17
P
(*1)
LG
(*1)
G
(*2)
W
(*2)
3 AJ5
7 AJ3
10 AJ5 (*21)
8 AJ3 (*22)
J96(A)
No. 4 Junction Connector
J99(B)
No. 7 Junction Connector
11 A – – 22 A (*28)
11 B – – 22 B (*29)
10 A – – 21 A (*28)
10 B – – 21 B (*29)
Y
(*1)
P
(*1)
B
(*2)
W
(*2)
38 JA1
60 JA1
GR
(*2)
BR
(*2)
13 A – – 26 A (*1)
13 C – – 26 C (*2)
A37(A), A46(C),
D1(D), D2(B)
ECM
CANH
CANL
R
107 B (*1)
35 D (*2)
GR
(*14, *30)
2 B
1 B
D69(B)
No. 1 Junction Connector
(ACC)
5A
ECU–ACC
2
40 2A
Y
(*14, *30)
19 A
15 B
J106(A), J107(B)
No. 10
Junction Connector
LG
(*14, *30)
33 JA1
GR
(*14, *30)
1
B1
B2
L
A47
Diode (Shift Position)
2
B
(*14, *30)
3 DA2
GR
(*14, *30)
1
RL
RB
R
D15
Park/Neutral Position
Switch Assembly
2
R
(*14, *30)
(IG)
7. 5A
BKUP LP
2
23 2C
R
(*14, *30)
3
* 1 : 2GR–FKS
* 2 : 8AR–FTS
*14 : w/ Automatic High Beam System
*21 : Before Aug. 2016 Production
*22 : From Aug. 2016 Production
*28 : Before Dec. 2017 Production
*29 : From Dec. 2017 Production
*30 : w/ Adaptive High–Beam System
*37 : w/ Cornering Light

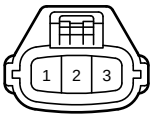
W
GR
B(*37)
SB(*37)
BE(*37)
GR
(*2)
W
GR
B(*37)
SB(*37)
BE(*37)
GR
(*2)


(IG)
(BAT)
5A
METER–
IG2
5A
METER
2
2
32 2B
10 2A
V
GR
(*1)
J101(A)
No. 7 Junction
Connector
J141(B)
No. 37 Junction
Connector
18 A (*28)
10 B (*29)
19 A (*28)
11 B (*29)
GR
(*2)
G
J10(A), J11(B)
Combination Meter Assembly
21 A
22 A
IG+
B
5V IC
5V+B
Display Driver
Telltales
CPU
LED Driver
CAN I/F
I/F
CANL
CANH
SW
ER
EL
ES
30 A
29 A
8 B
3 B
4 B
31 A
W
GR
B
(*37)
SB
(*37)
BE
(*37)
W–B
10
J100
No. 6
Junction Connector
1
W–B
W
GR
B(*37)
SB(*37)
BE(*37)
GR
(*2)
JF

A19
Black

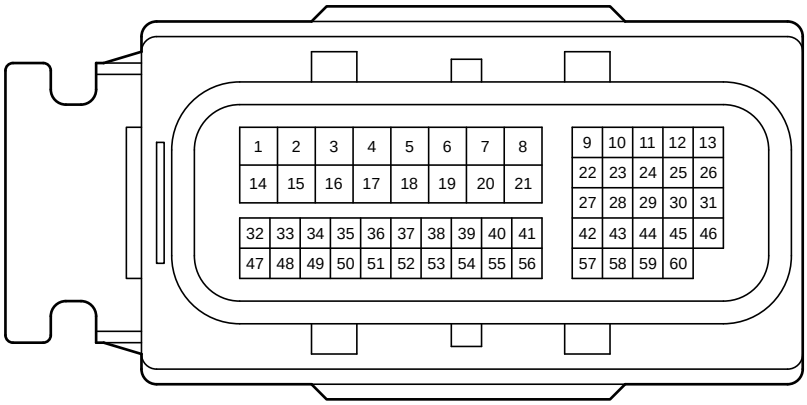
90980-11020

A23
Black



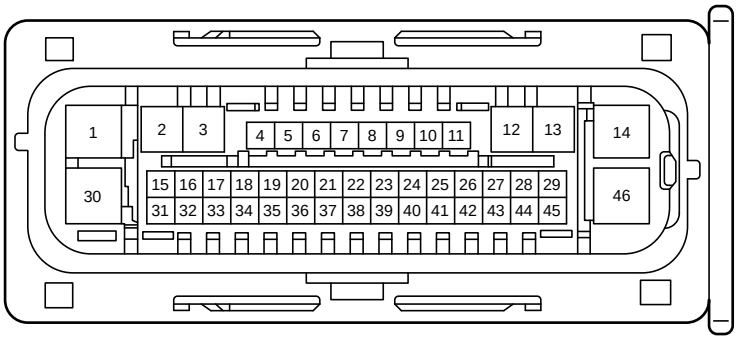
90980-11020

A37
Black



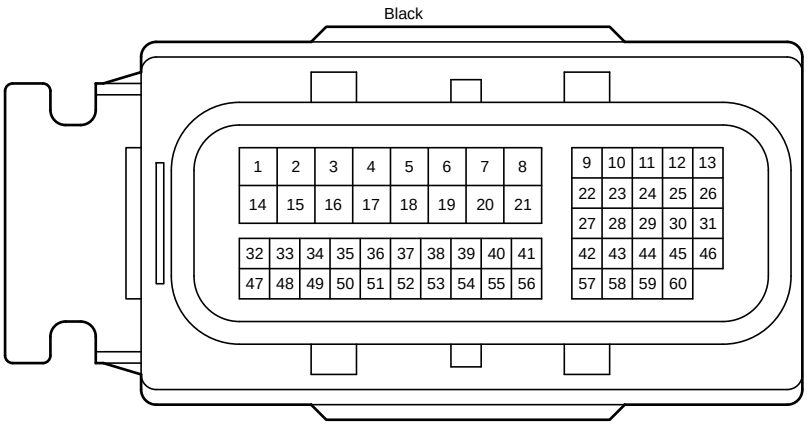
90980-12931

A41
Black



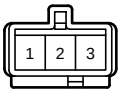
90980-12C06

A46
Black



90980-12931

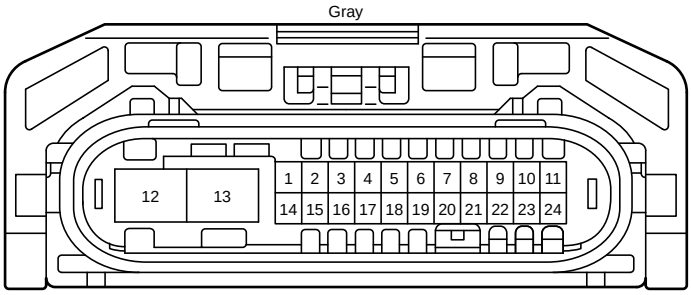
A47
White



90980-11071

A49

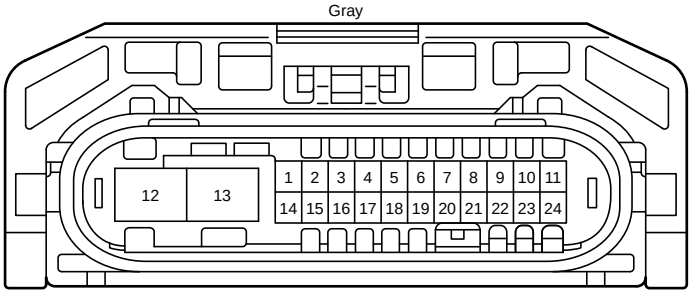
Gray



90980-12A92

A50

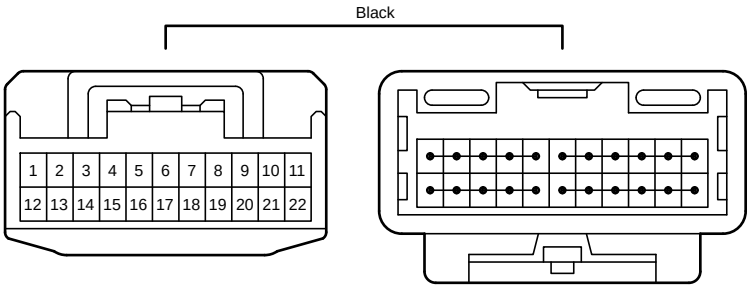
Gray



90980-12A92

A86

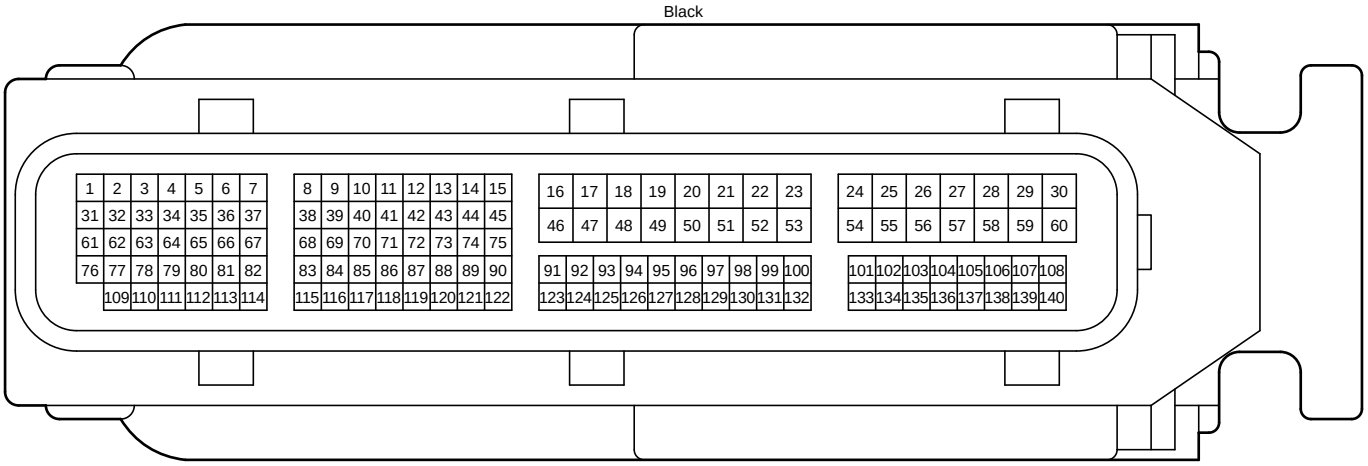
Black



90980-12372

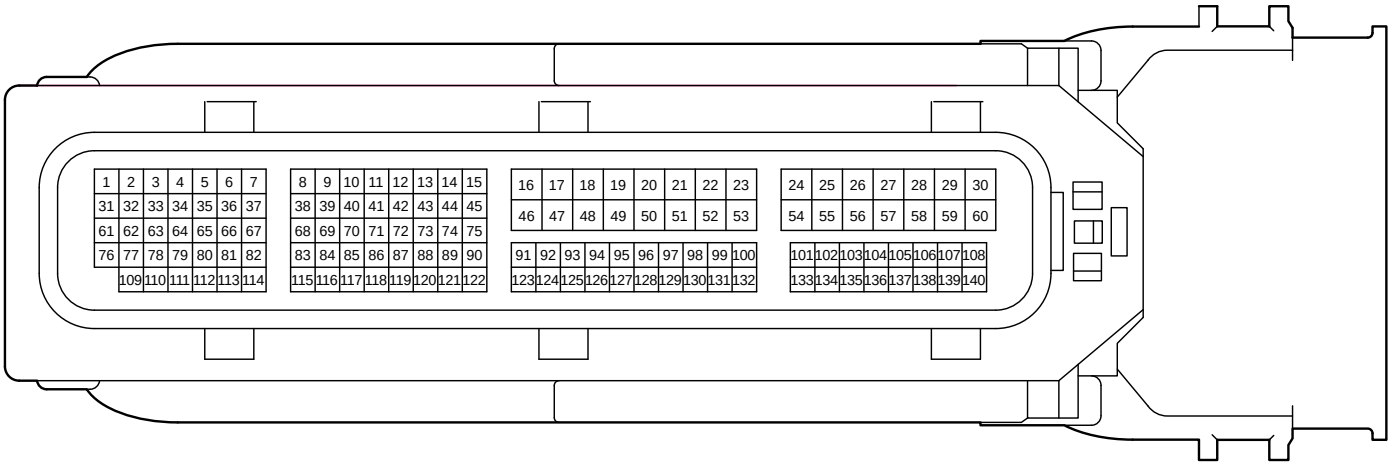
D1

Black



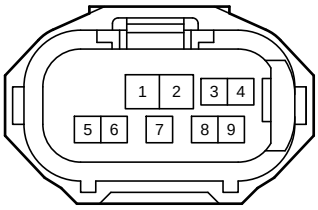
90980-12836

D2
Black



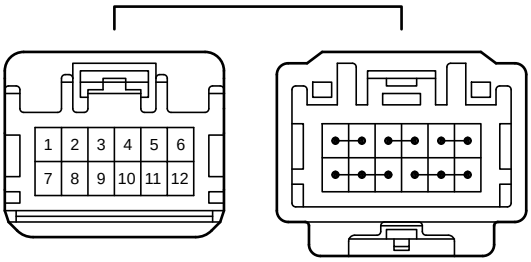
82824-48470

D15
Black



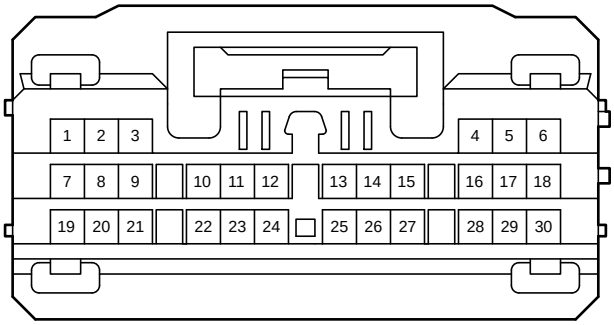
90980-12A23

D69
Black



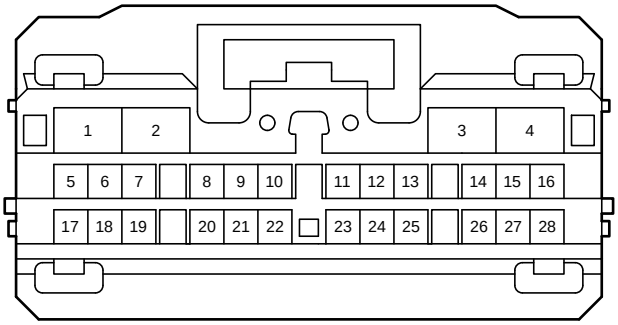
90980-12737

J8
White



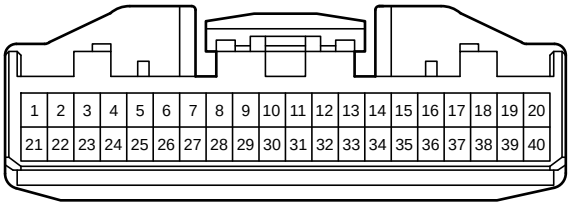
90980-12909

J9
White



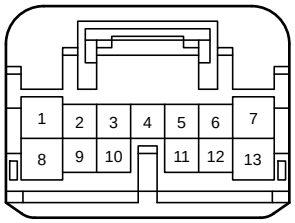
90980-12908

J10
Black



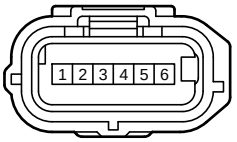
90980-12557

J11
Black



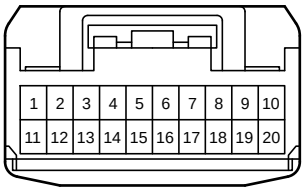
90980-12767

J19
Black



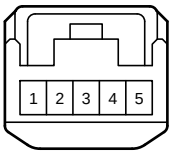
90980-12303

J28
Black



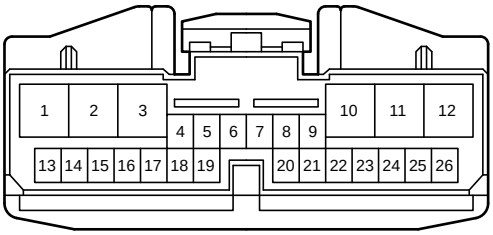
90980-12460

J32
Blue



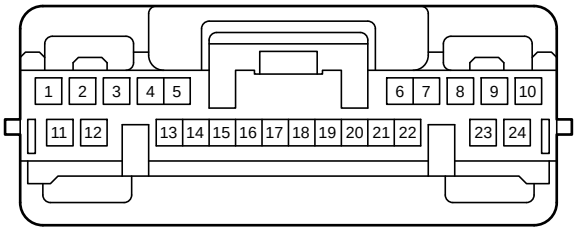
90980-12366

J46
Black



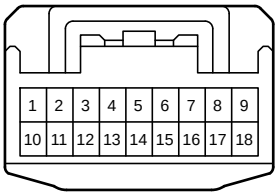
82824-12510

J75
Black



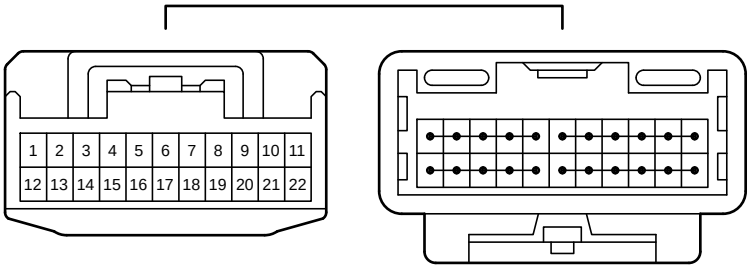
90980-12912

J83
White



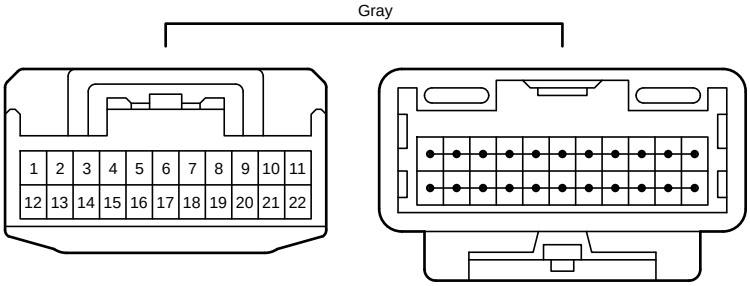
90980-12412

J96
Blue



90980-12372

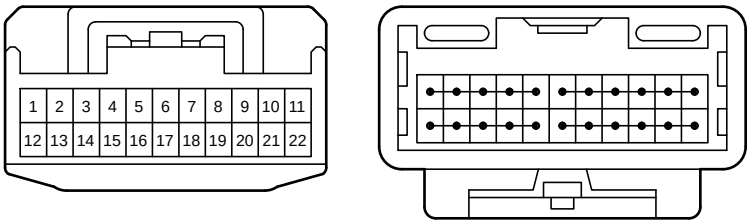
J97
Gray



90980-12372

J99

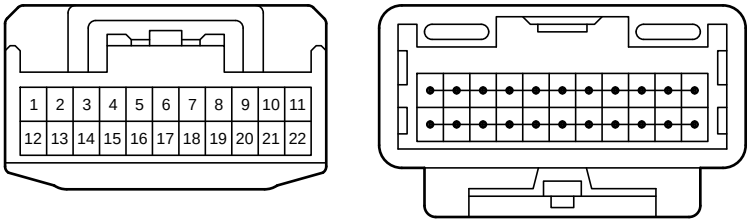
Black



90980-12372

J100

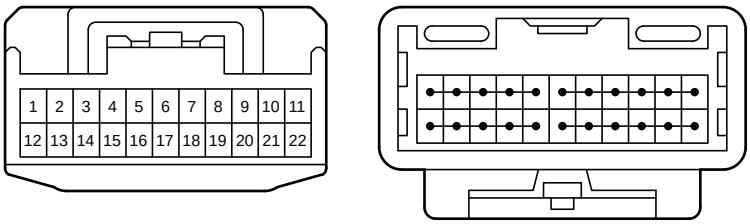
White



90980-12372

J101

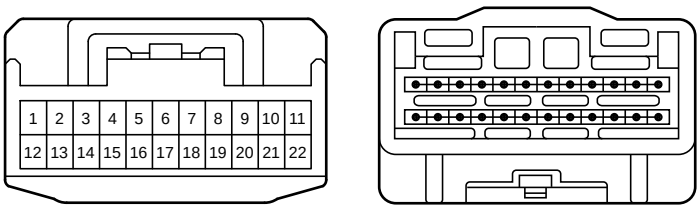
Black



90980-12372

J106

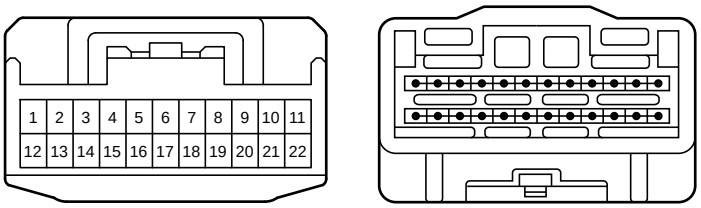
Black



90980-12372

J107

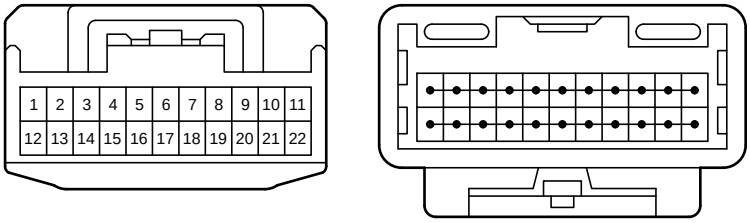
Gray



90980-12372

J110

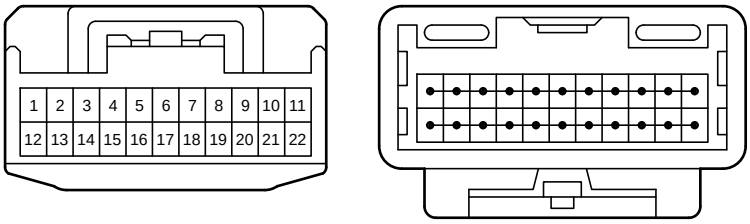
Gray



90980-12372
(Before Aug. 2016 Production)

J110

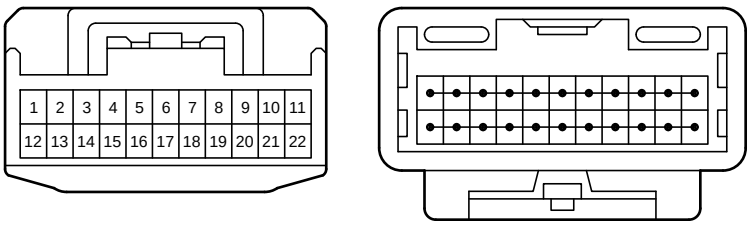
White



90980-12372
(From Aug. 2016 Production)

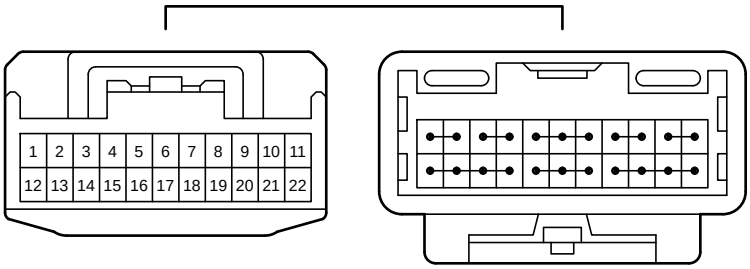
J113

Gray



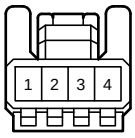
90980-12372

J141
Black



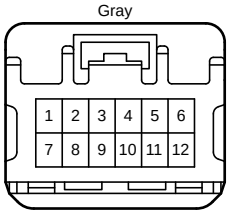
90980-12372

K3
White



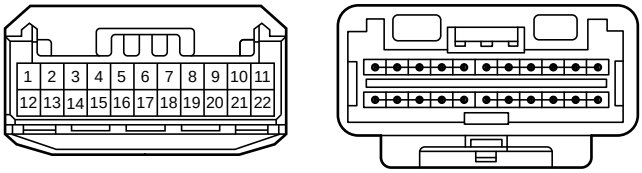
82824-50130

R33
Gray



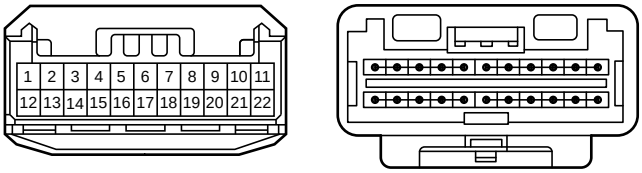
90980-12737

R38
Black



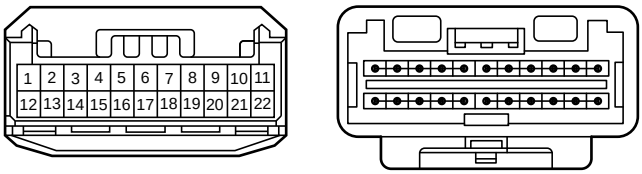
90980-12B54

R41
Black



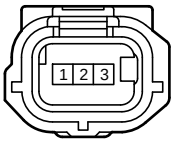
90980-12B54

S65
Black



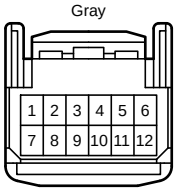
90980-12B54

T3
Black



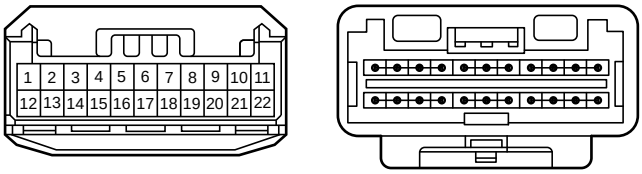
90980-12353

U14
Gray



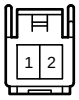
90980-12552

U17
Black



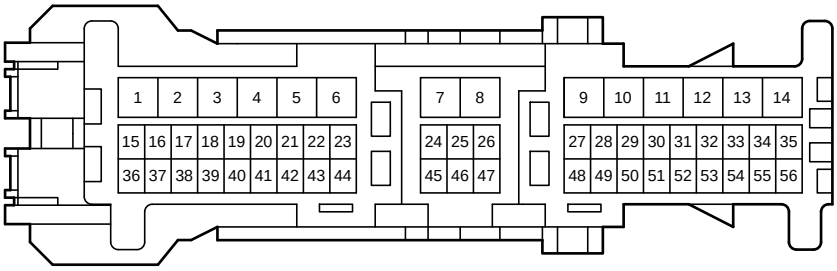
90980-12B54

U19
Black



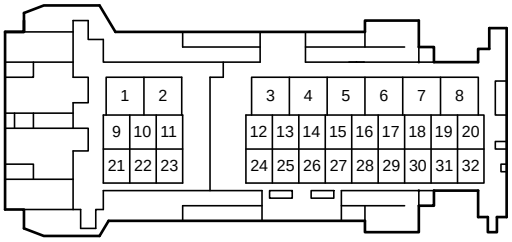
90980-12063

2A
White



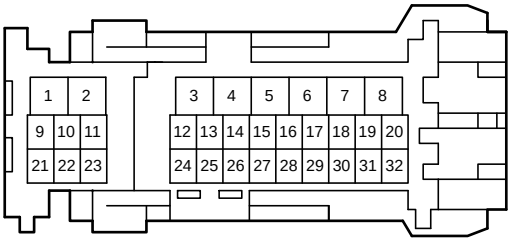
90980-12890

2B
White



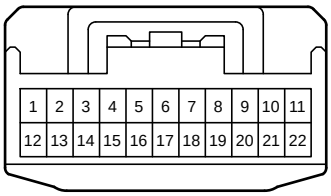
90980-12A48

2C
White

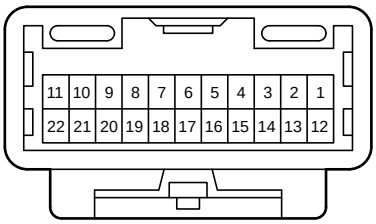


90980-12A47

AJ3
White

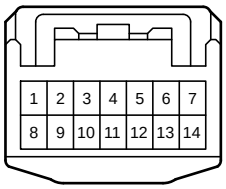


90980-12372

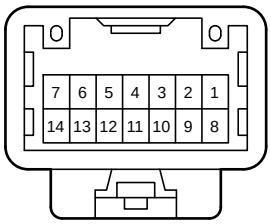


90980-12371

AJ5
White

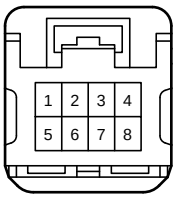


90980-12370

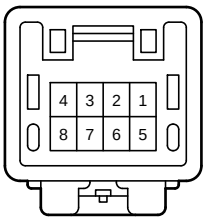


90980-12369

AR2
Blue

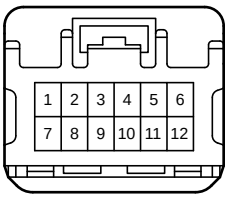


90980-12735

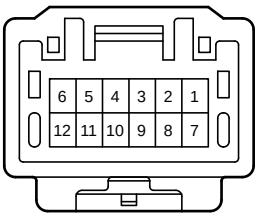


90980-12734

AS2
Gray

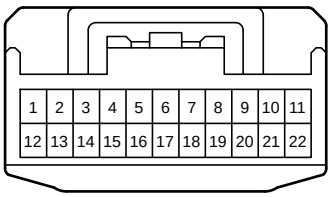


90980-12737

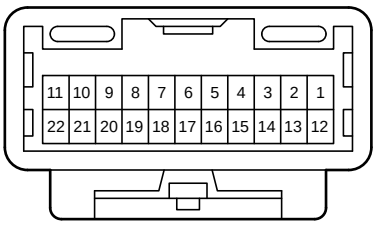


90980-12736

DA2
White

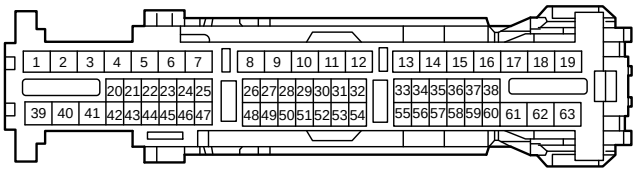


90980-12372

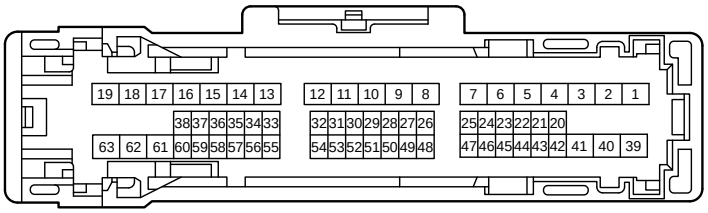


90980-12371

JA1
Gray

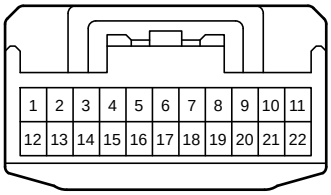


90980-12B20

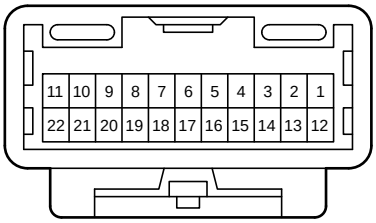


90980-12B19

JA2
Gray

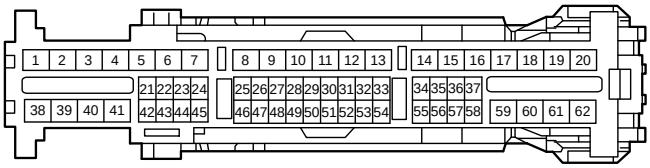


90980-12372

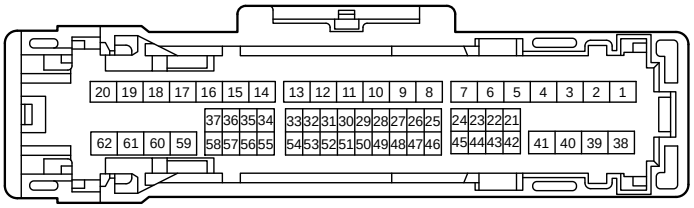


90980-12371

JS1
White

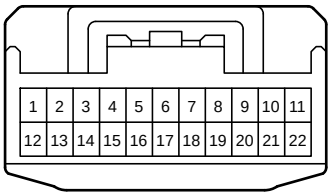


90980-12B22

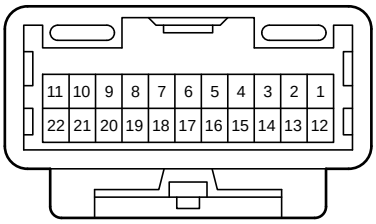


90980-12B21

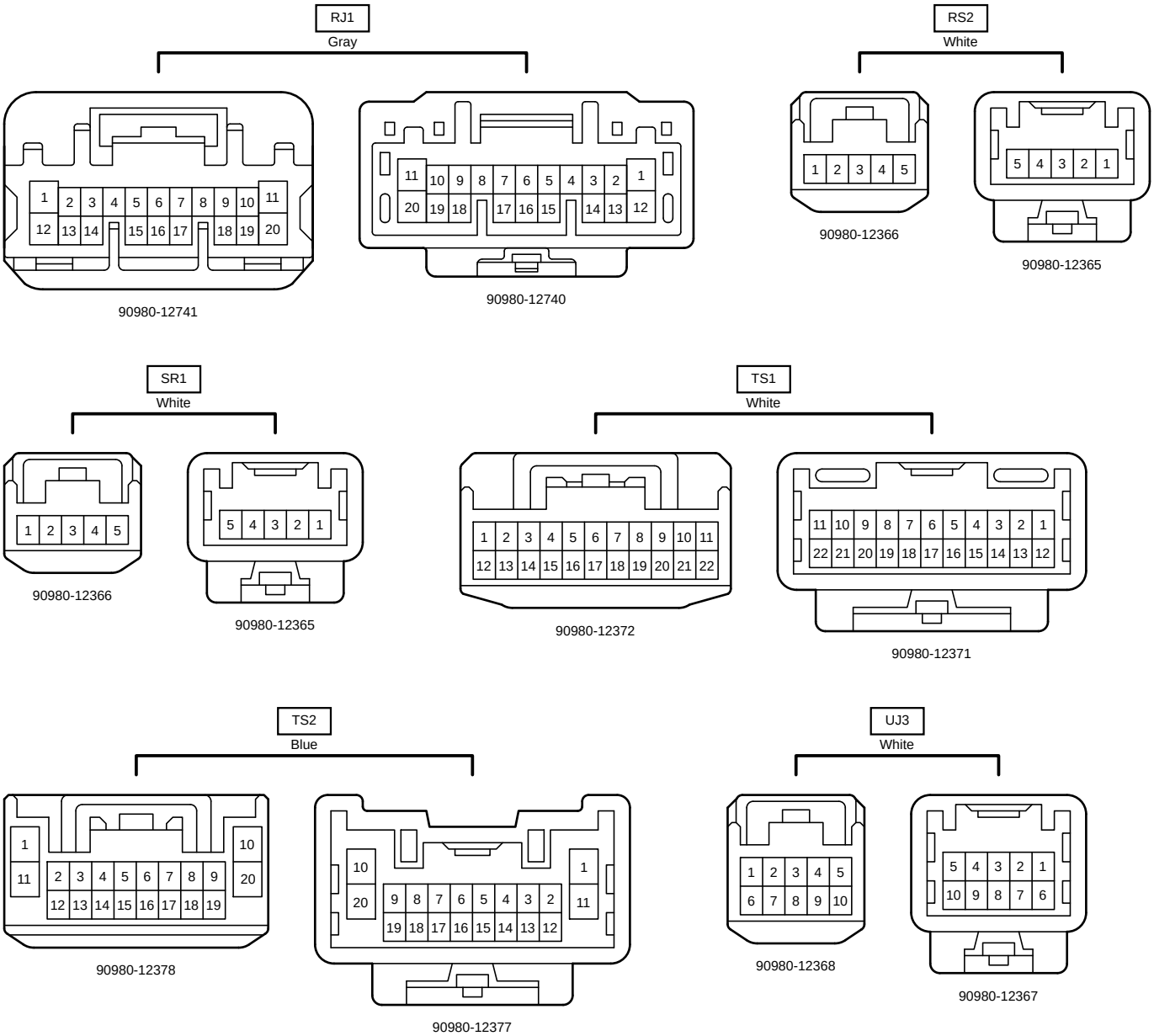
KJ2
White



90980-12372



90980-12371


RJ1
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
90980-12741
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
90980-12740
RS2
White
1 2 3 4 5
90980-12366
5 4 3 2 1
90980-12365
SR1
White
1 2 3 4 5
90980-12366
5 4 3 2 1
90980-12365
TS1
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
90980-12372
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12
90980-12371
TS2
Blue
1 10
11 2 3 4 5 6 7 8 9 20
12 13 14 15 16 17 18 19
90980-12378
10 1
20 9 8 7 6 5 4 3 2 11
19 18 17 16 15 14 13 12
90980-12377
UJ3
White
1 2 3 4 5
6 7 8 9 10
90980-12368
5 4 3 2 1
10 9 8 7 6
90980-12367