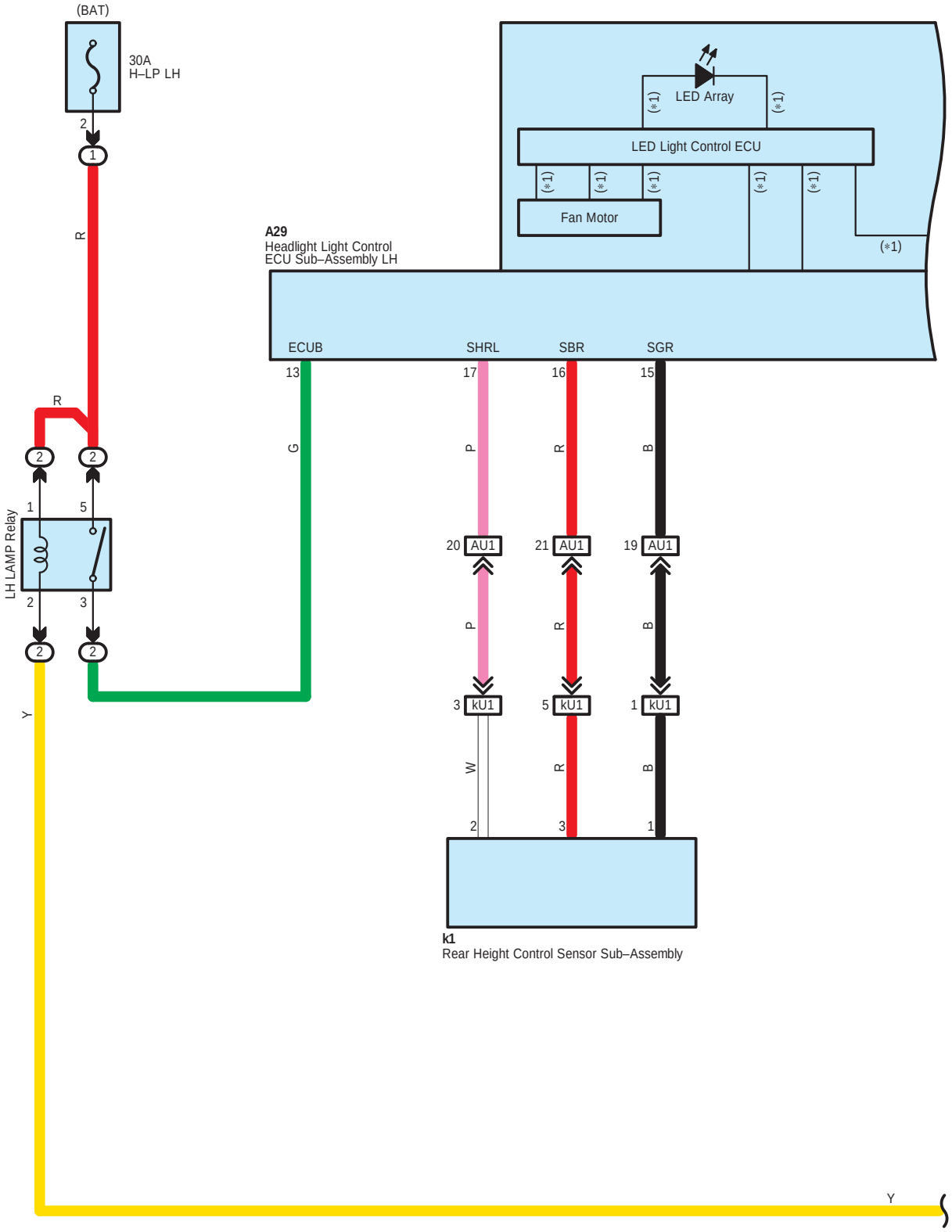
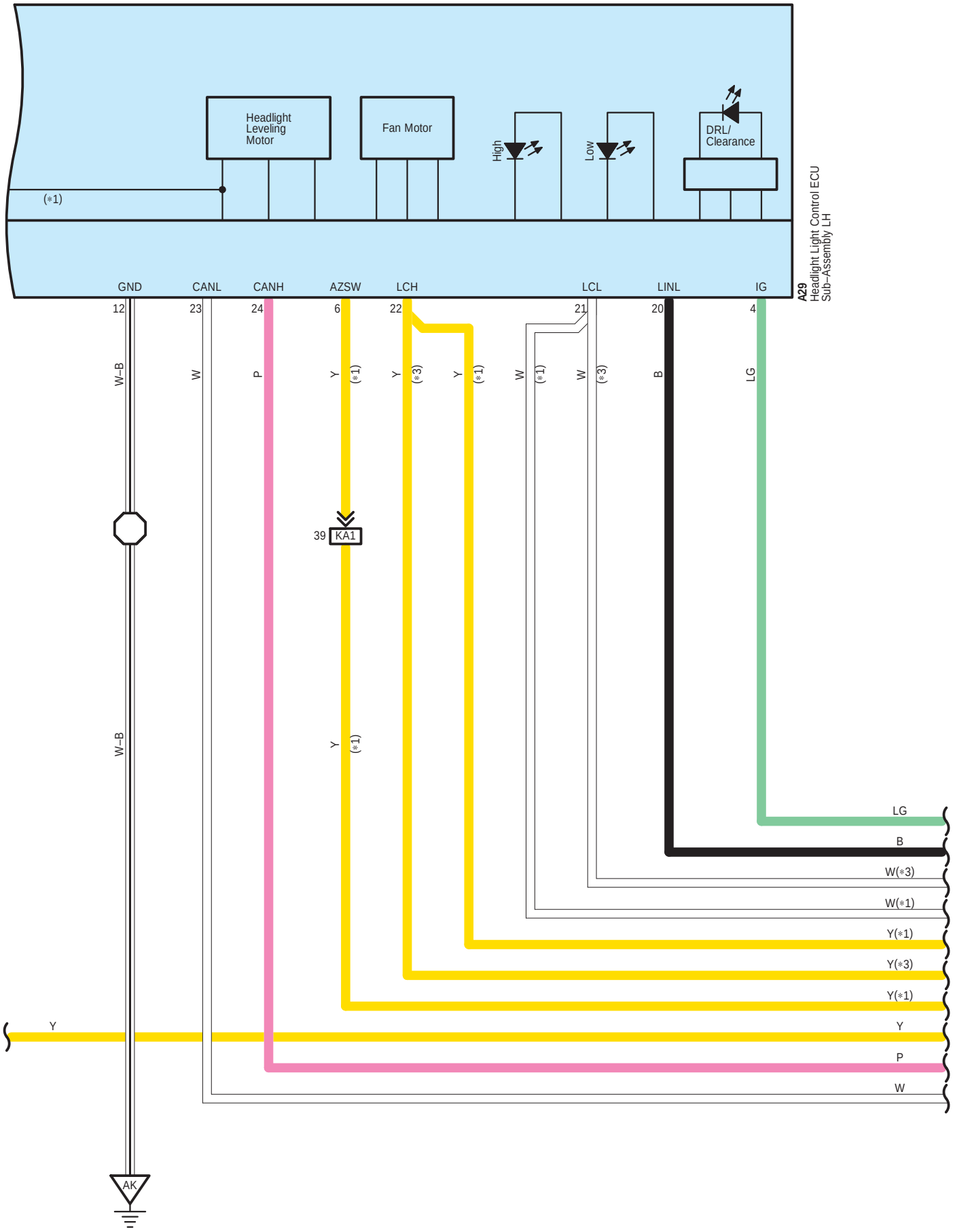
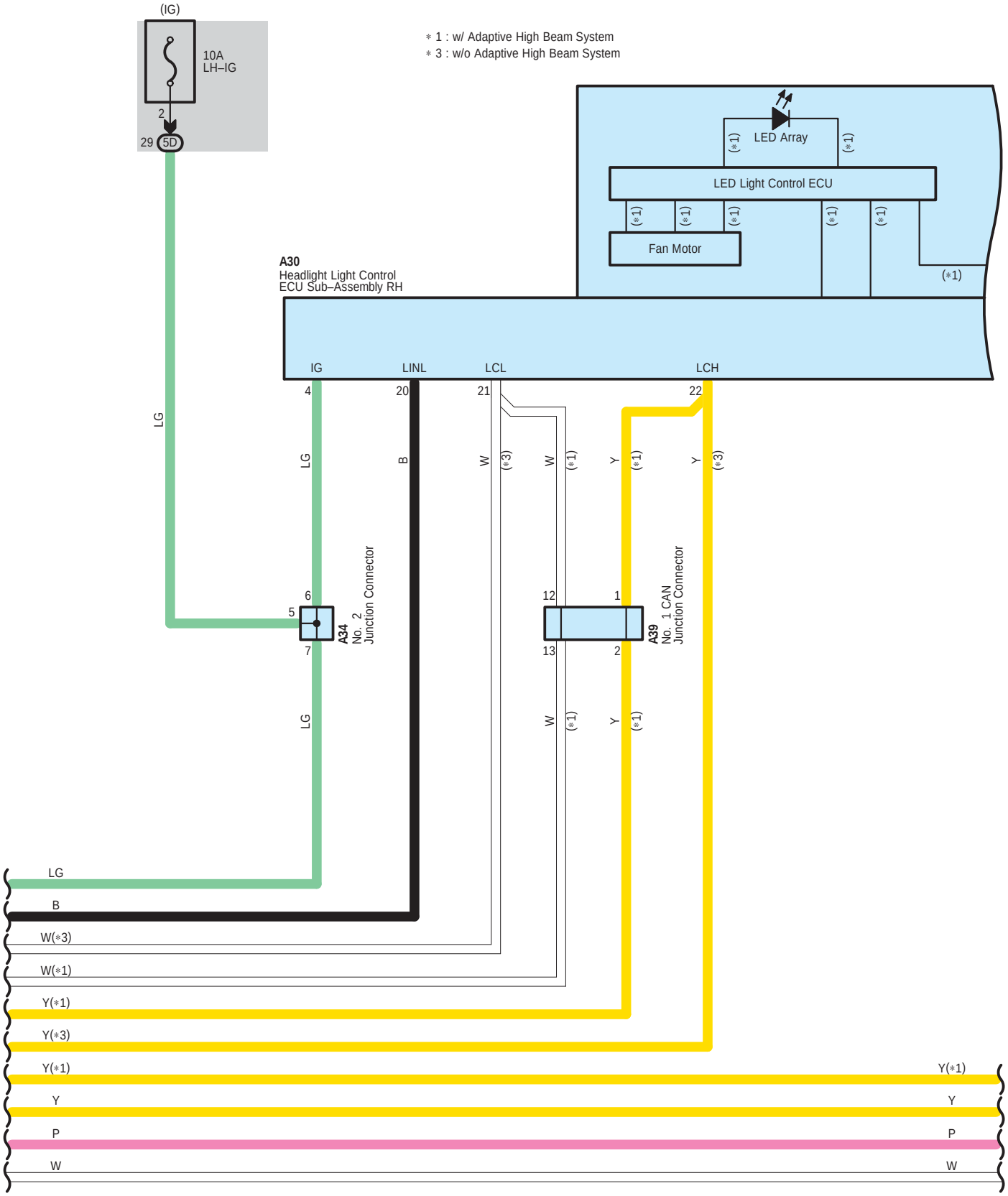
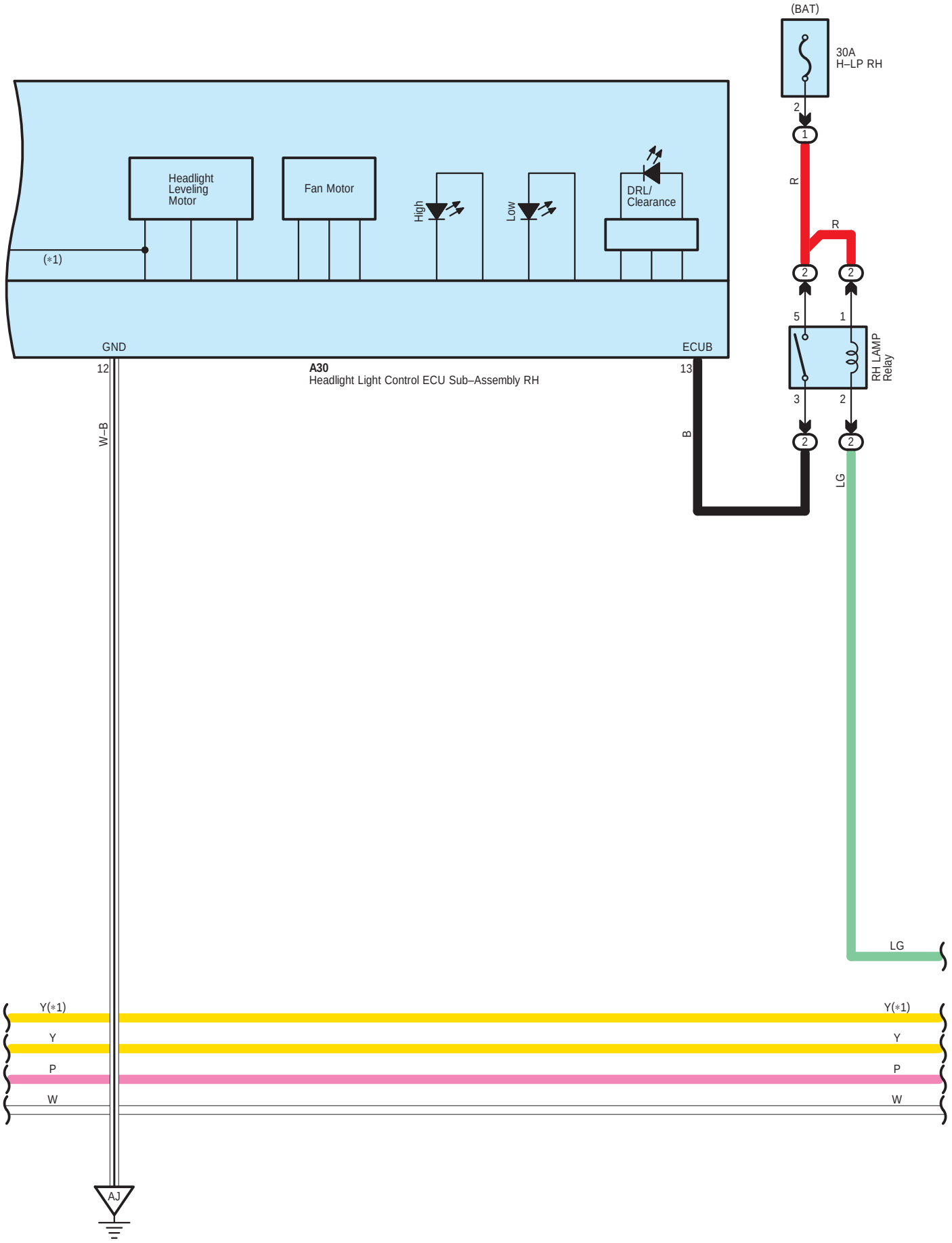
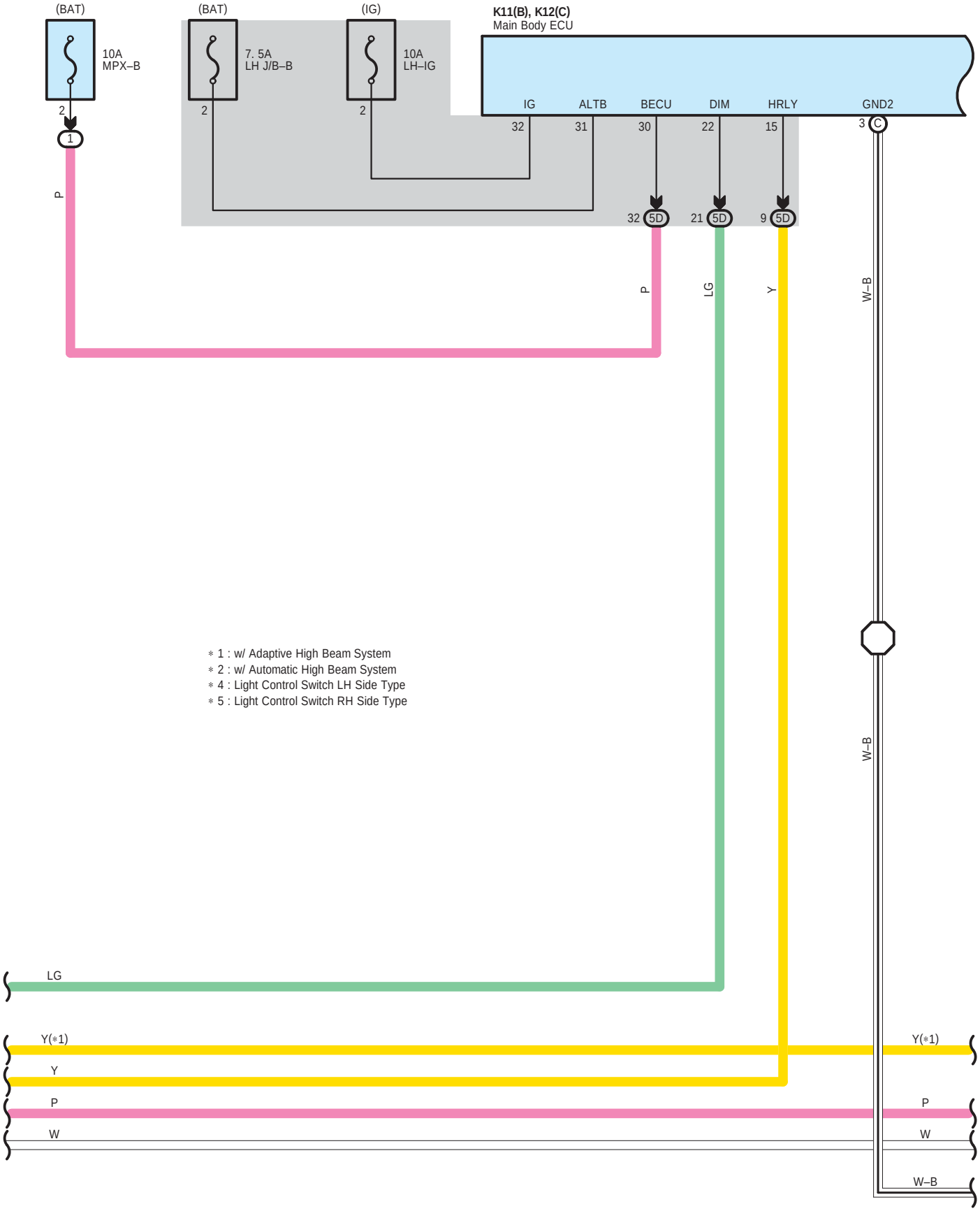


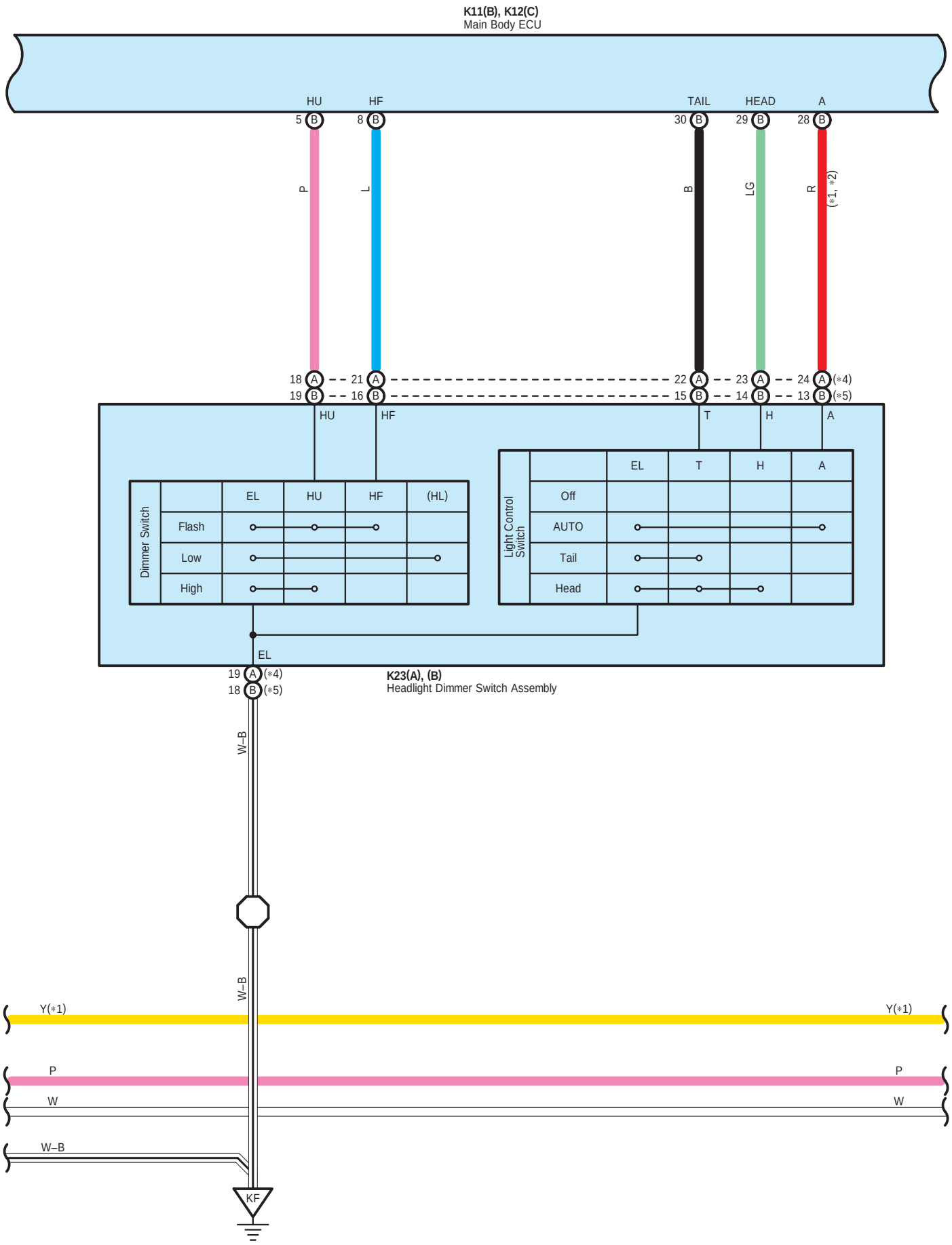
* 1 : w/ Adaptive High Beam System
* 3 : w/o Adaptive High Beam System

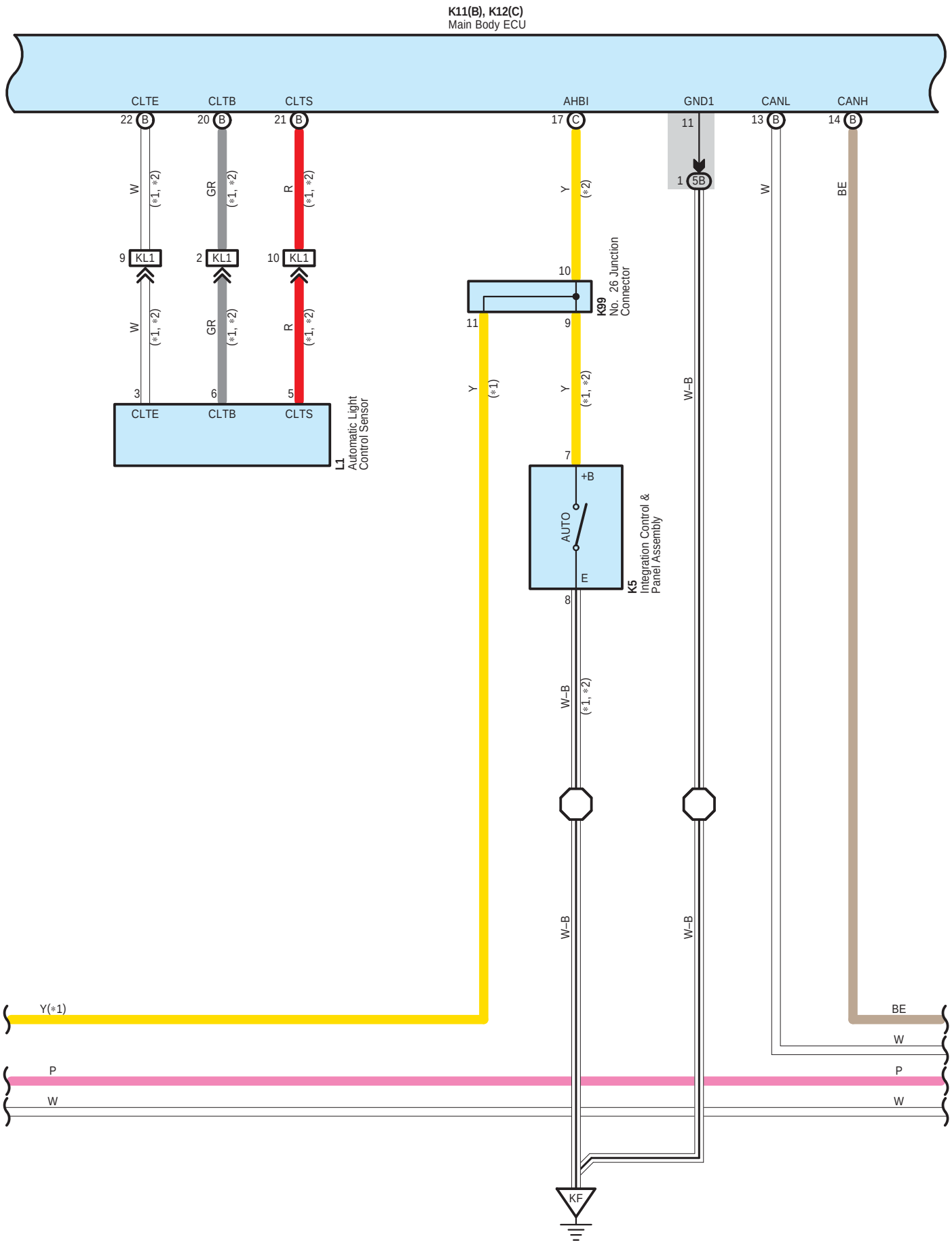

Headlight Leveling Motor
Fan Motor
High
Low
DRL/ Clearance
(*1)
A29
Headlight Light Control ECU Sub–Assembly LH
GND
CANL
CANH
AZSW
LCH
LCL
LINL
IG
12
23
24
6
22
21
20
4
W–B
W
P
Y
(*1)
Y
(*3)
Y
(*1)
W
(*1)
W
(*3)
B
LG
39
KA1
W–B
Y
(*1)
LG
B
W(*3)
W(*1)
Y(*1)
Y(*3)
Y(*1)
Y
Y
P
W
AK

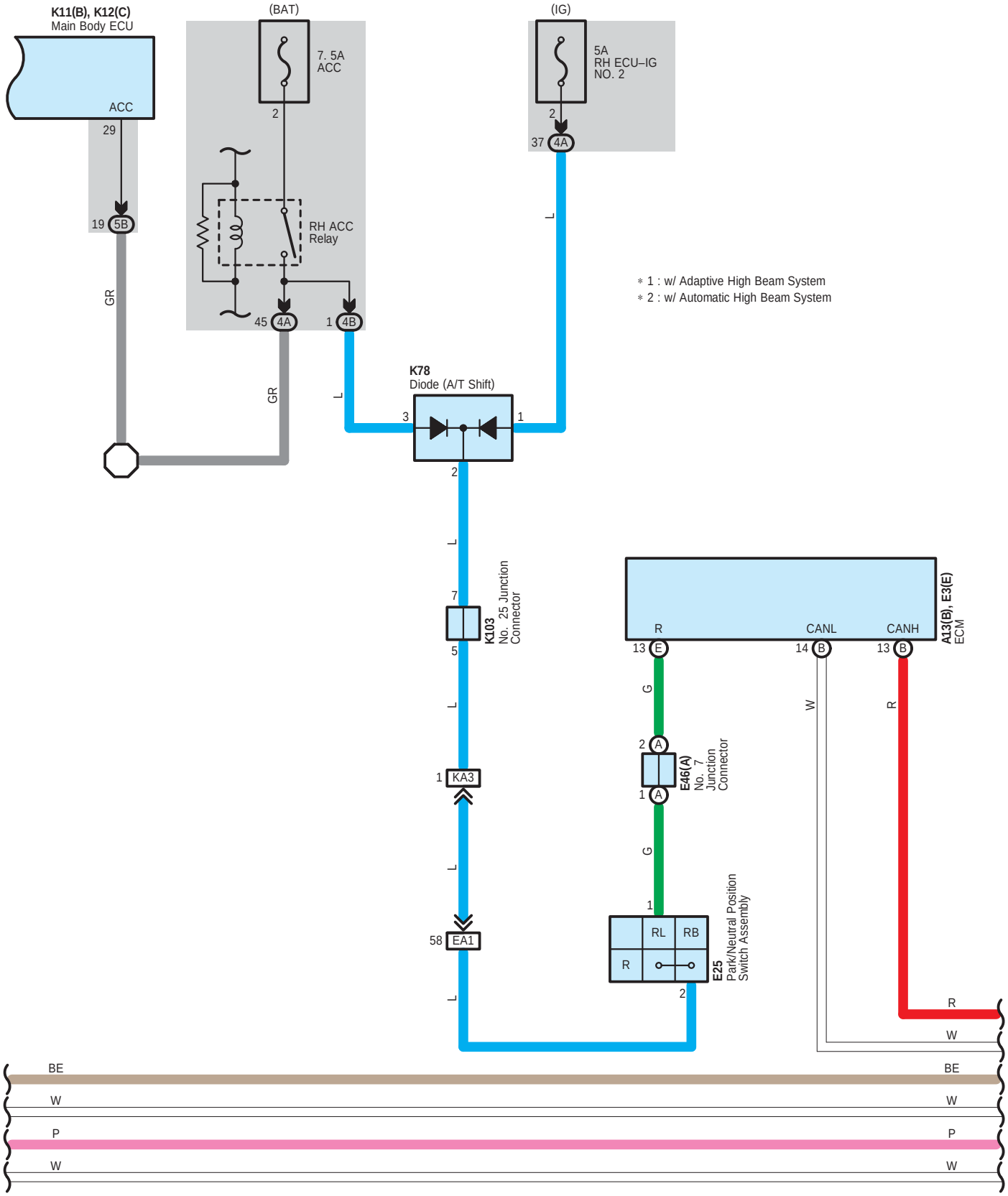

(IG)
10A
LH–IG
2
29
5D
∗ 1 : w/ Adaptive High Beam System
∗ 3 : w/o Adaptive High Beam System
LED Array
(∗1)
LED Light Control ECU
Fan Motor
A30
Headlight Light Control
ECU Sub–Assembly RH
IG
LINL
LCL
LCH
4
20
21
22
LG
B
W
(∗3)
(∗1)
Y
6
5
7
A34
No. 2
Junction Connector
12
1
13
2
A39
No. 1 CAN
Junction Connector
LG
B
W(∗3)
W(∗1)
Y(∗1)
Y(∗3)
Y(∗1)
Y
P
W

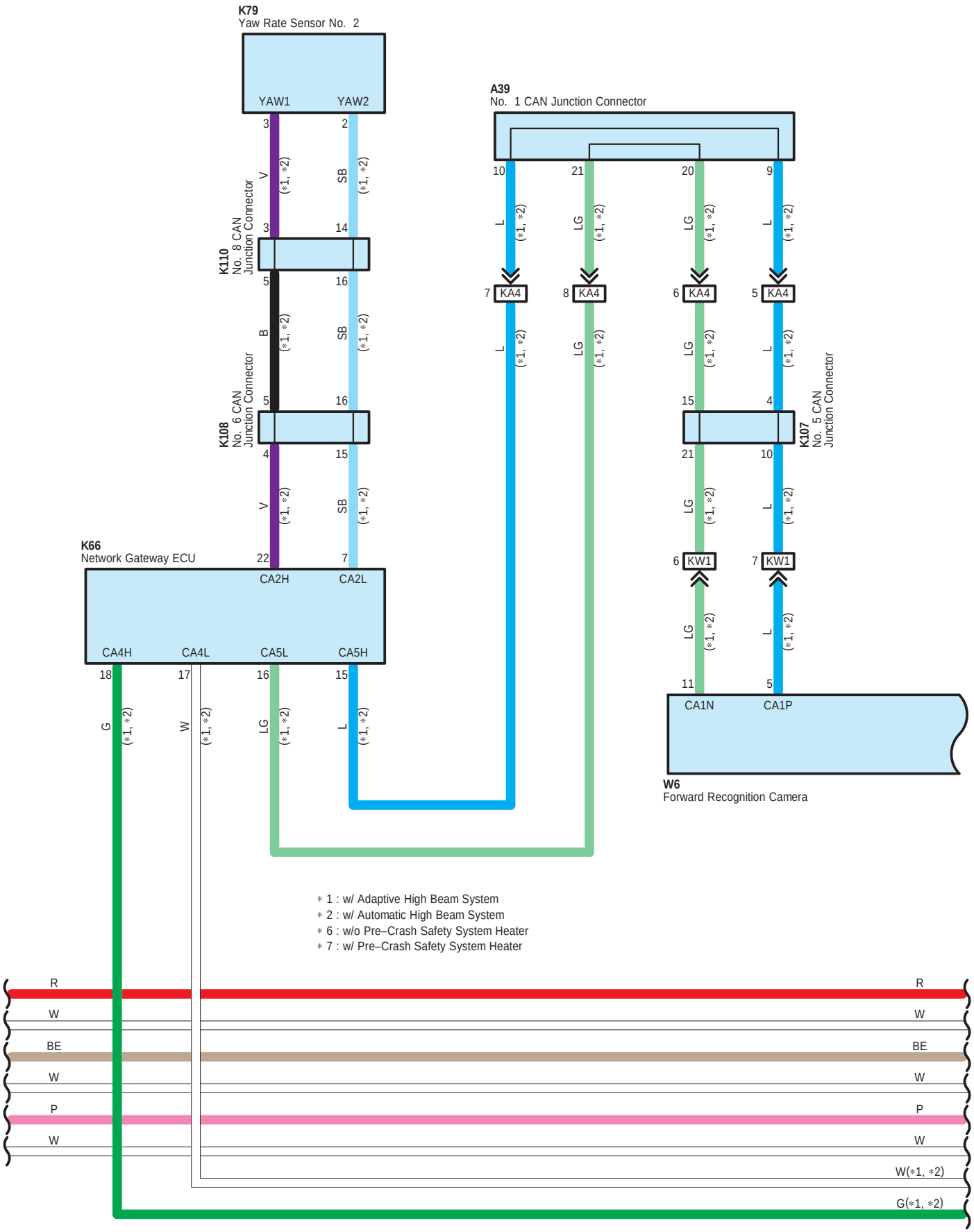

(BAT)
30A
H–LP RH
2
1
R
R
2
2
5
1
RH LAMP
Relay
3
2
2
2
LG
Headlight
Leveling
Motor
Fan Motor
High
Low
DRL/
Clearance
(*1)
GND
ECUB
12
13
A30
Headlight Light Control ECU Sub–Assembly RH
W–B
B
LG
Y(*1)
Y
P
W
Y(*1)
Y
P
W
AJ

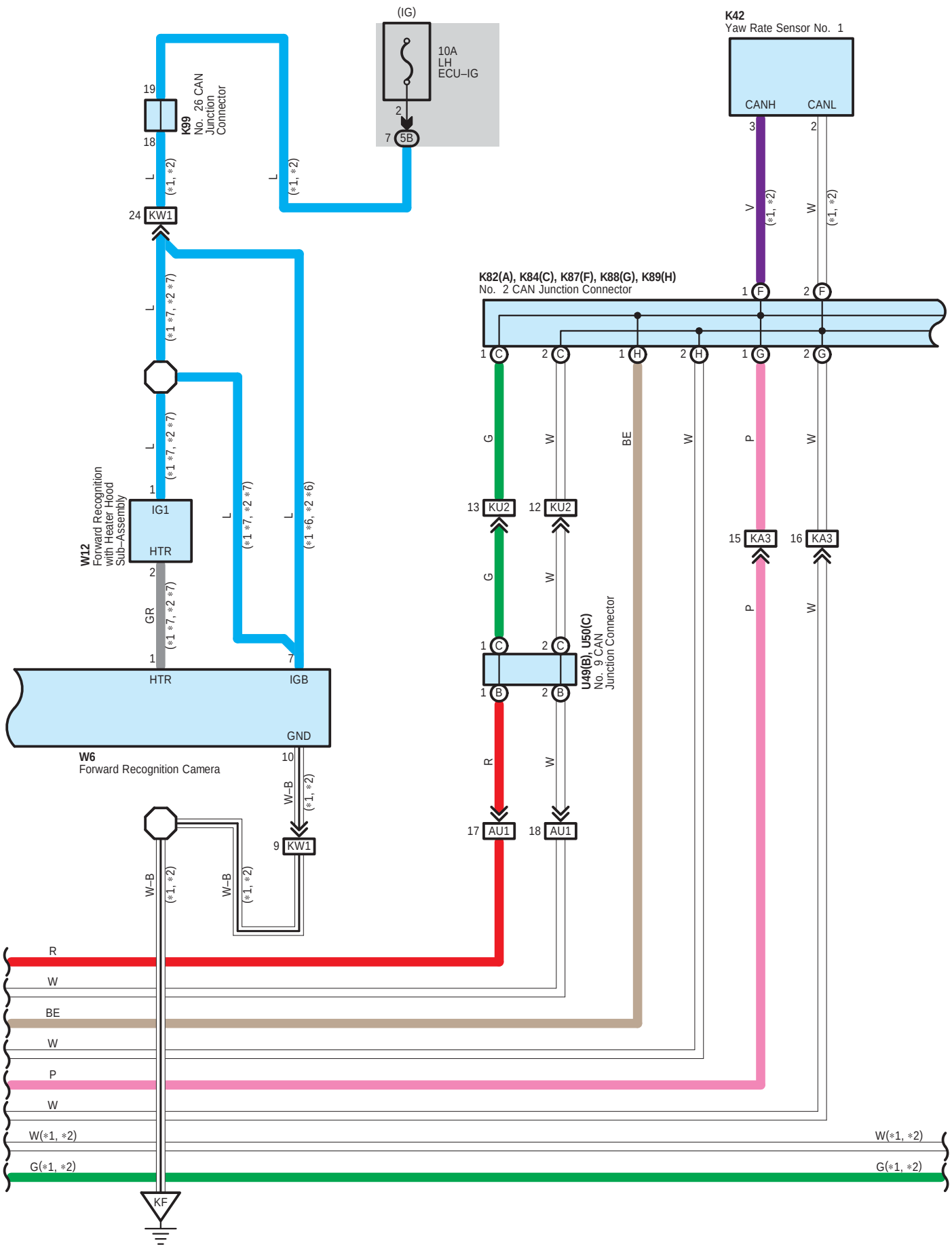

(BAT)
10A
MPX–B
2
1
P
(BAT)
7. 5A
LH J/B–B
2
(IG)
10A
LH–IG
2
K11(B), K12(C)
Main Body ECU
IG
ALTB
BECU
DIM
HRLY
GND2
32
31
30
22
15
3
C
32
5D
21
5D
9
5D
P
LG
Y
W–B
W–B
∗ 1 : w/ Adaptive High Beam System
∗ 2 : w/ Automatic High Beam System
∗ 4 : Light Control Switch LH Side Type
∗ 5 : Light Control Switch RH Side Type
LG
Y(∗1)
Y
P
W
Y(∗1)
P
W
W–B

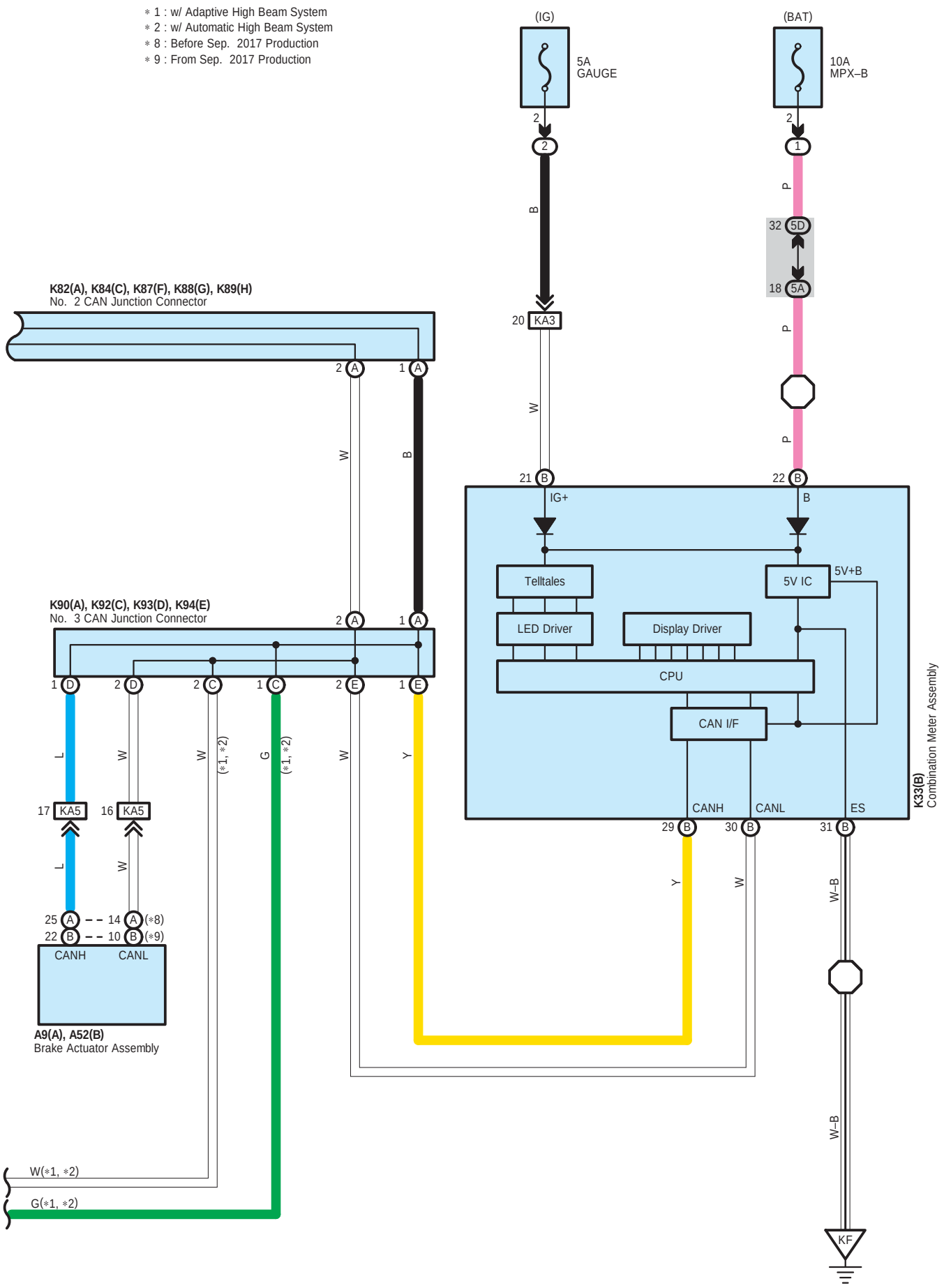

K11(B), K12(C)
Main Body ECU
HU
HF
TAIL
HEAD
A
5 B
8 B
30 B
29 B
28 B
P
L
B
LG
R
(*1, *2)
18 A
19 B
21 A
16 B
22 A
15 B
23 A
14 B
24 A (*4)
13 B (*5)
HU
HF
T
H
A
Dimmer Switch
EL
HU
HF
(HL)
Flash
Low
High
Light Control Switch
EL
T
H
A
Off
AUTO
Tail
Head
EL
19 A (*4)
18 B (*5)
K23(A), (B)
Headlight Dimmer Switch Assembly
W–B
W–B
Y(*1)
Y(*1)
P
P
W
W
W–B
KF


K11(B), K12(C)
Main Body ECU
CLTE
CLTB
CLTS
AHBI
GND1
CANL
CANH
22 B
20 B
21 B
17 C
11
13 B
14 B
1 5B
W
GR
R
Y
BE
(*1, *2)
9 KL1
2 KL1
10 KL1
10
11
9
K99
No. 26 Junction Connector
3
6
5
CLTE
CLTB
CLTS
L1
Automatic Light Control Sensor
7
+B
AUTO
E
K5
Integration Control & Panel Assembly
8
W–B
(*1)
Y(*1)
P
W
KF

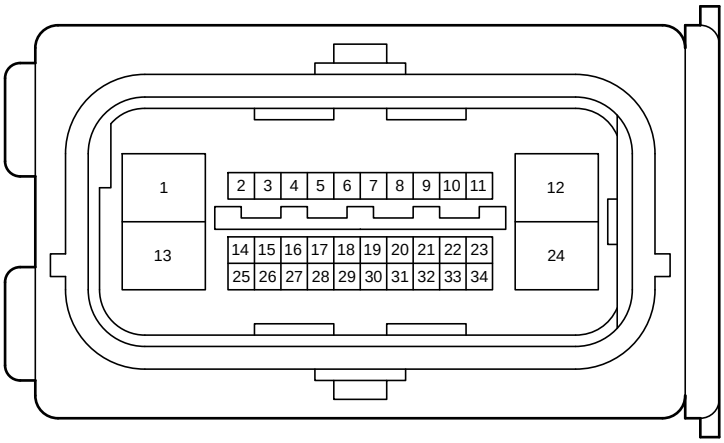

K11(B), K12(C)
Main Body ECU
ACC
29
19 5B
GR
(BAT)
7. 5A
ACC
2
RH ACC
Relay
45 4A
1 4B
GR
L
(IG)
5A
RH ECU–IG
NO. 2
2
37 4A
L
* 1 : w/ Adaptive High Beam System
* 2 : w/ Automatic High Beam System
K78
Diode (A/T Shift)
3
1
2
L
7
K103
No. 25 Junction
Connector
5
L
1 KA3
L
58 EA1
L
A13(B), E3(E)
ECM
R
CANL
CANH
13 E
14 B
13 B
G
W
R
2 A
E46(A)
No. 7
Junction
Connector
1 A
G
1
RL
RB
R
E25
Park/Neutral Position
Switch Assembly
2
R
W
BE
W
P
W
BE
W
P
W


K79
Yaw Rate Sensor No. 2
YAW1
YAW2
A39
No. 1 CAN Junction Connector
K110
No. 8 CAN Junction Connector
K108
No. 6 CAN Junction Connector
K107
No. 5 CAN Junction Connector
K66
Network Gateway ECU
CA2H
CA2L
CA4H
CA4L
CA5L
CA5H
KA4
KW1
CA1N
CA1P
W6
Forward Recognition Camera
∗1 : w/ Adaptive High Beam System
∗2 : w/ Automatic High Beam System
∗6 : w/o Pre–Crash Safety System Heater
∗7 : w/ Pre–Crash Safety System Heater
W(∗1, ∗2)
G(∗1, ∗2)


(IG)
10A
LH
ECU–IG
2
7 5B
K42
Yaw Rate Sensor No. 1
CANH
CANL
3
2
19
18
K99
No. 26 CAN
Junction
Connector
L
(*1, *2)
24 KW1
V
W
K82(A), K84(C), K87(F), K88(G), K89(H)
No. 2 CAN Junction Connector
1 F
2 F
1 C
2 C
1 H
2 H
1 G
2 G
(*1 *7, *2 *7)
(*1 *6, *2 *6)
G
BE
P
W12
Forward Recognition
with Heater Hood
Sub–Assembly
IG1
HTR
GR
13 KU2
12 KU2
15 KA3
16 KA3
U49(B), U50(C)
No. 9 CAN
Junction Connector
1 B
2 B
IGB
GND
W6
Forward Recognition Camera
10
W–B
R
17 AU1
18 AU1
9 KW1
BE
P
W(*1, *2)
G(*1, *2)
KF

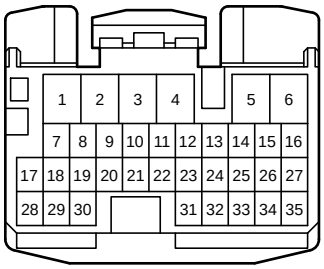

∗1 : w/ Adaptive High Beam System
∗2 : w/ Automatic High Beam System
∗8 : Before Sep. 2017 Production
∗9 : From Sep. 2017 Production
(IG)
5A
GAUGE
(BAT)
10A
MPX–B
K82(A), K84(C), K87(F), K88(G), K89(H)
No. 2 CAN Junction Connector
K90(A), K92(C), K93(D), K94(E)
No. 3 CAN Junction Connector
KA3
KA5
IG+
B
Telltales
5V IC
5V+B
LED Driver
Display Driver
CPU
CAN I/F
CANH
CANL
ES
K33(B)
Combination Meter Assembly
A9(A), A52(B)
Brake Actuator Assembly
W(∗1, ∗2)
G(∗1, ∗2)
KF

A9
Black



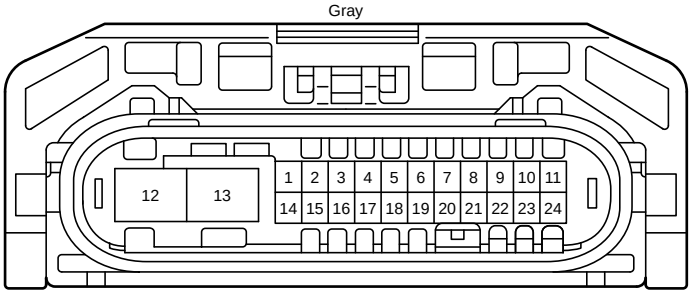
90980-12686

A13
White



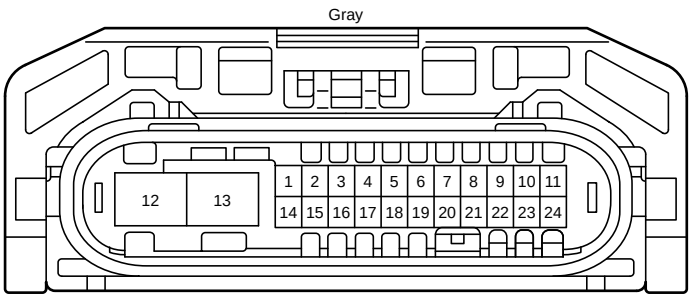
90980-12529

A29
Gray



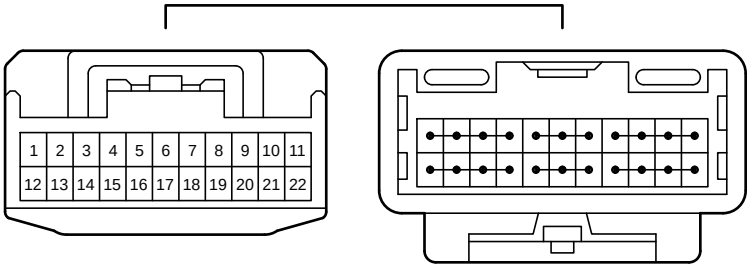
90980-12A92

A30
Gray



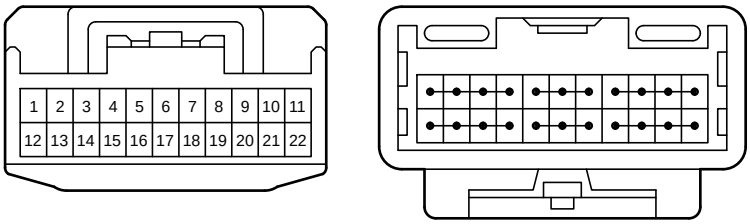
90980-12A92

A34
Blue



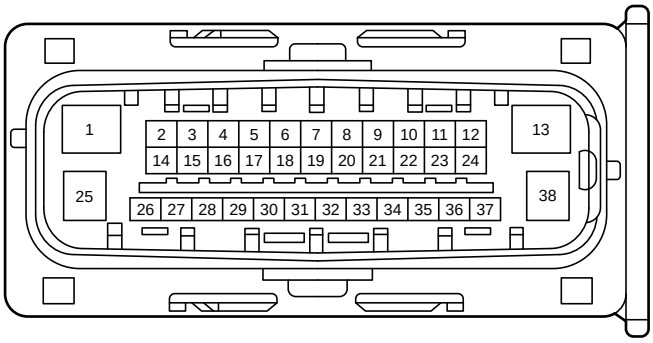
90980-12372

A39
Blue



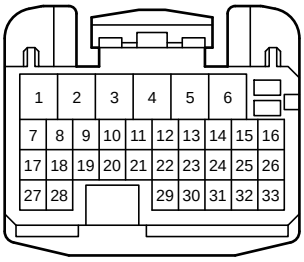
90980-12372

A52
Black



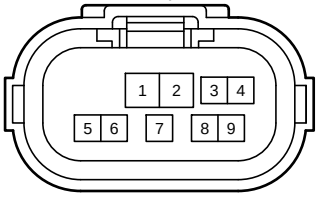
90980-12B01

E3
White



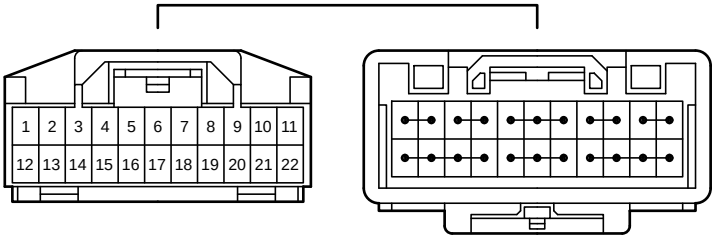
90980-12700

E25
Gray



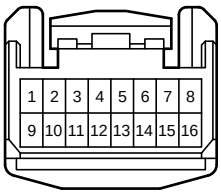
90980-12362

E46
White



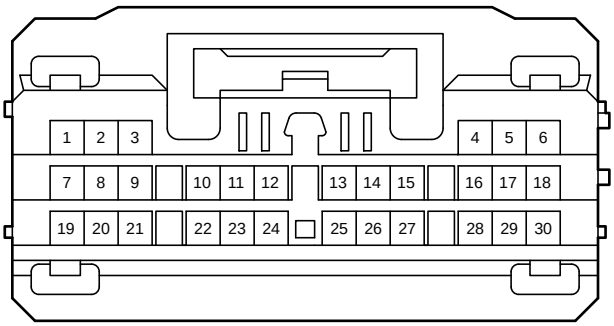
90980-11915

K5
Black



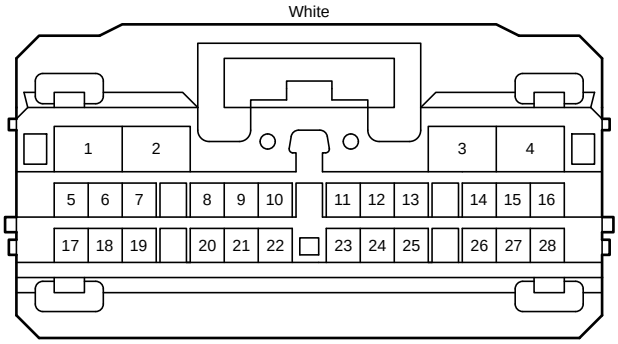
90980-12553

K11
White



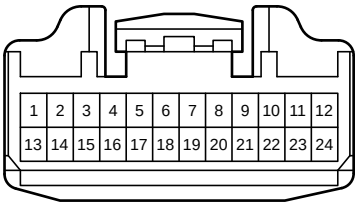
90980-12909

K12
White



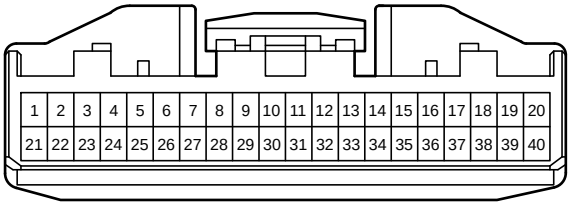
90980-12908

K23
Black



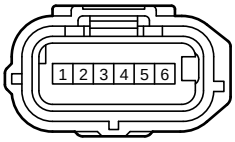
90980-12554

K33
Black



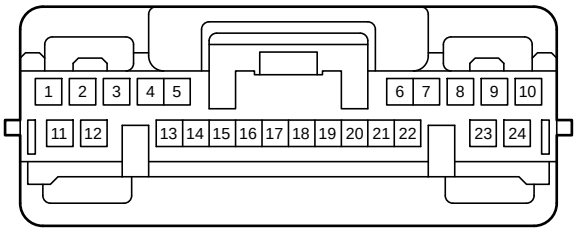
90980-12557

K42
Black



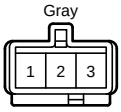
90980-12303

K66
Black



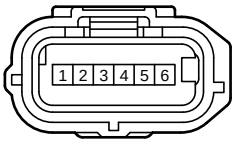
90980-12912

K78
Gray



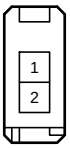
90980-11071

K79
Black



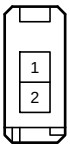
90980-12303

K82
White



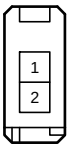
90980-12827

K84
White



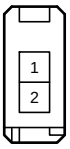
90980-12827

K87
White



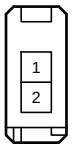
90980-12827

K88
White



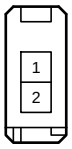
90980-12827

K89
White



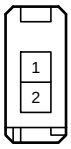
90980-12827

K90
White



90980-12827

K92
White



90980-12827

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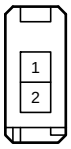

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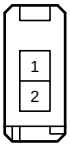

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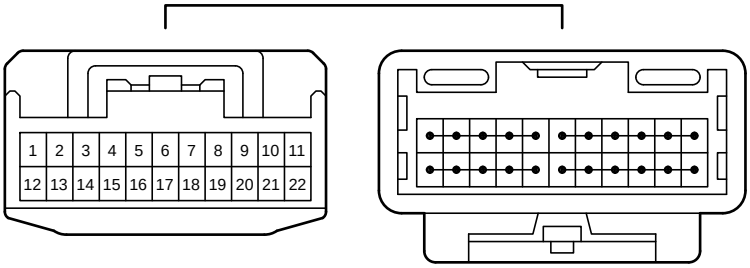

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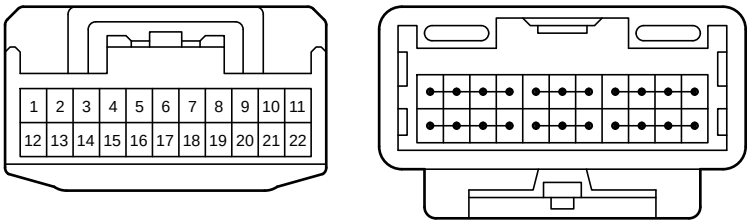

90980-12372

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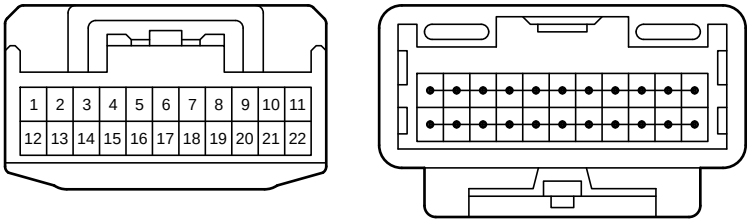

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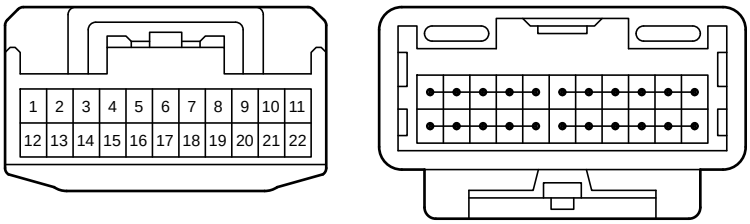

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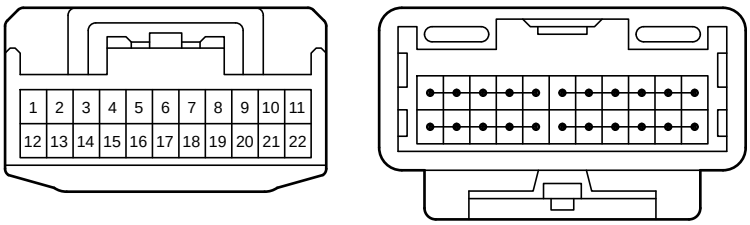

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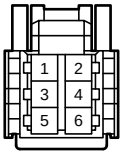

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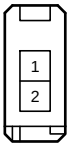

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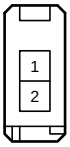

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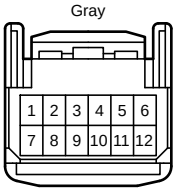

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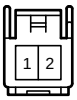

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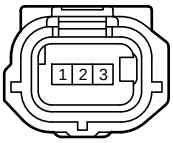

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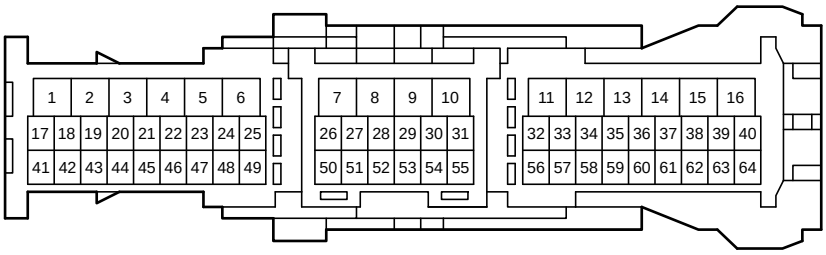

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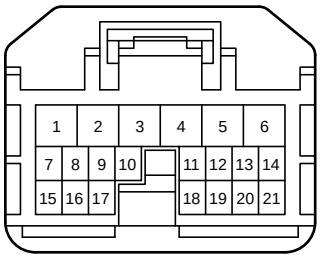

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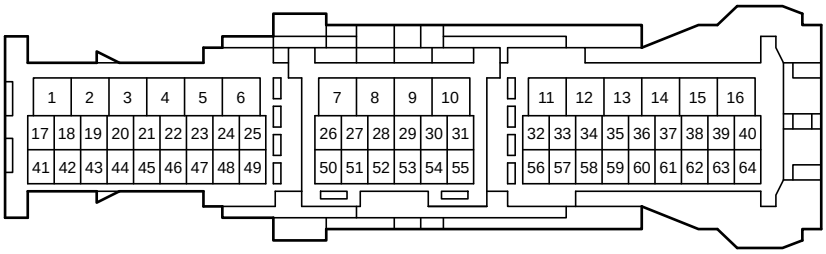

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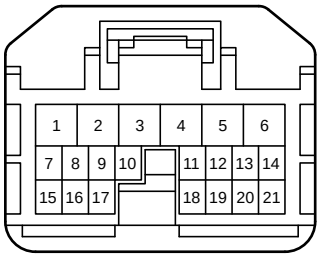

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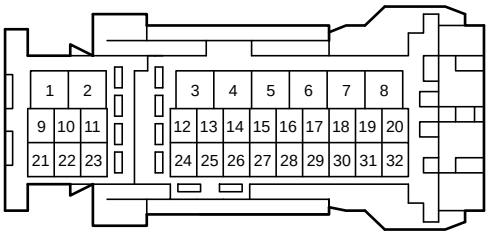

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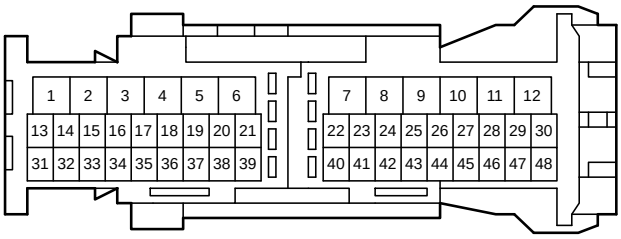

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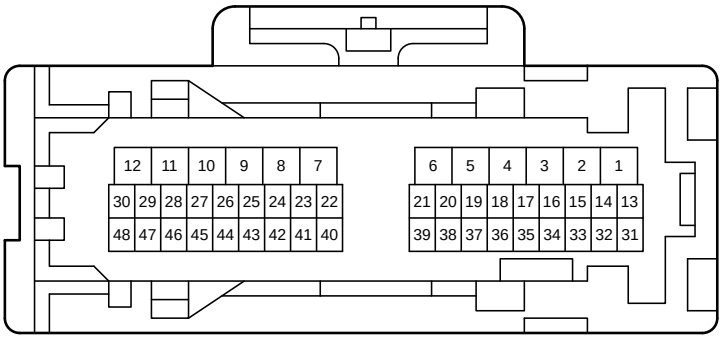

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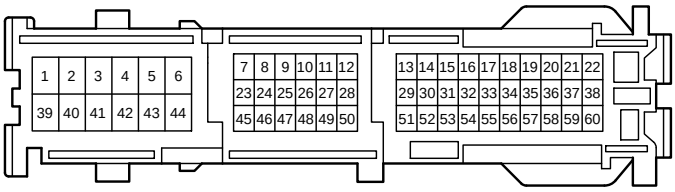

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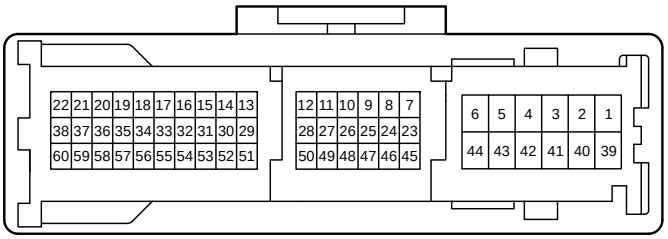

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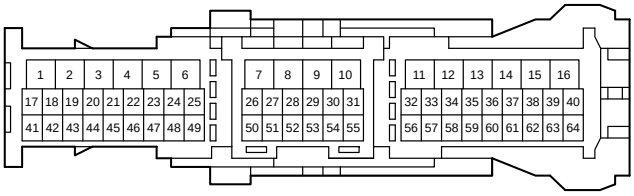

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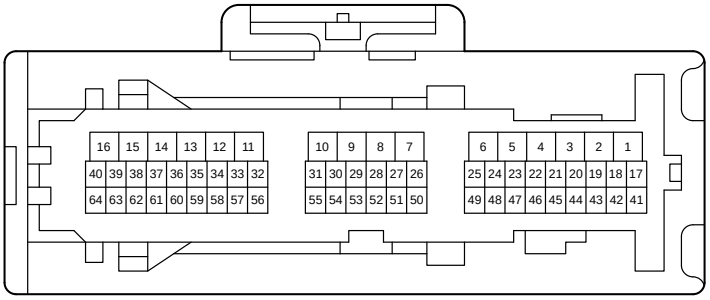

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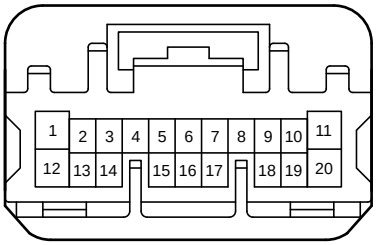

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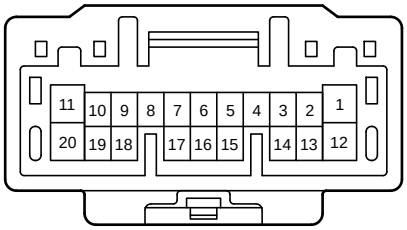

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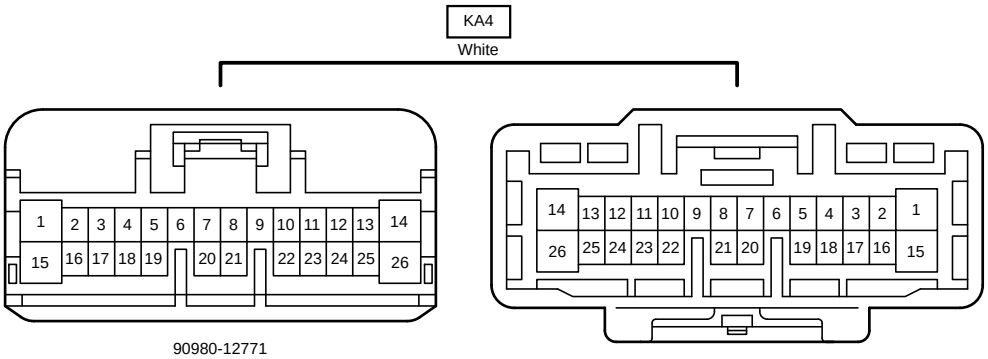

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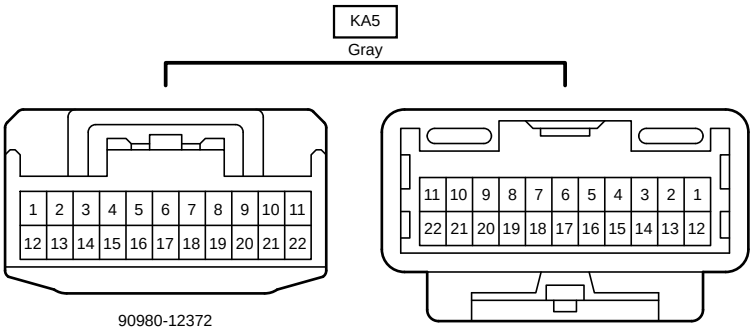

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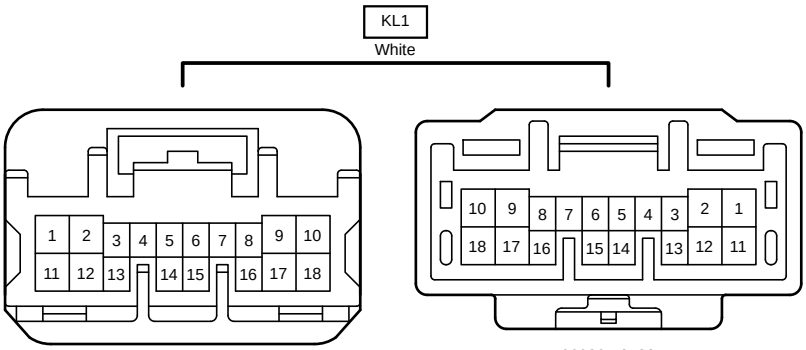

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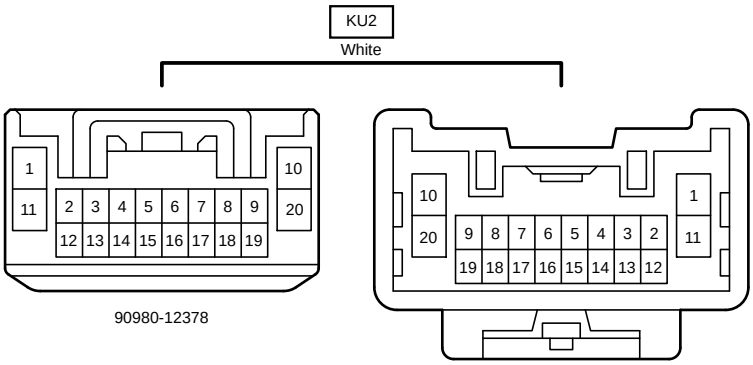

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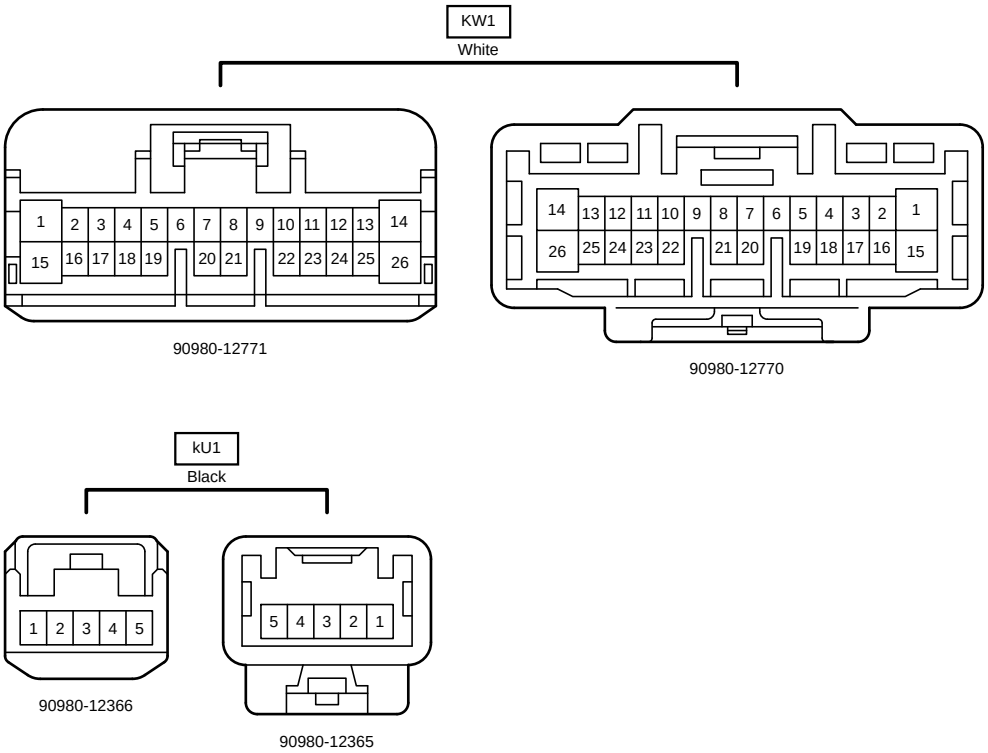
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