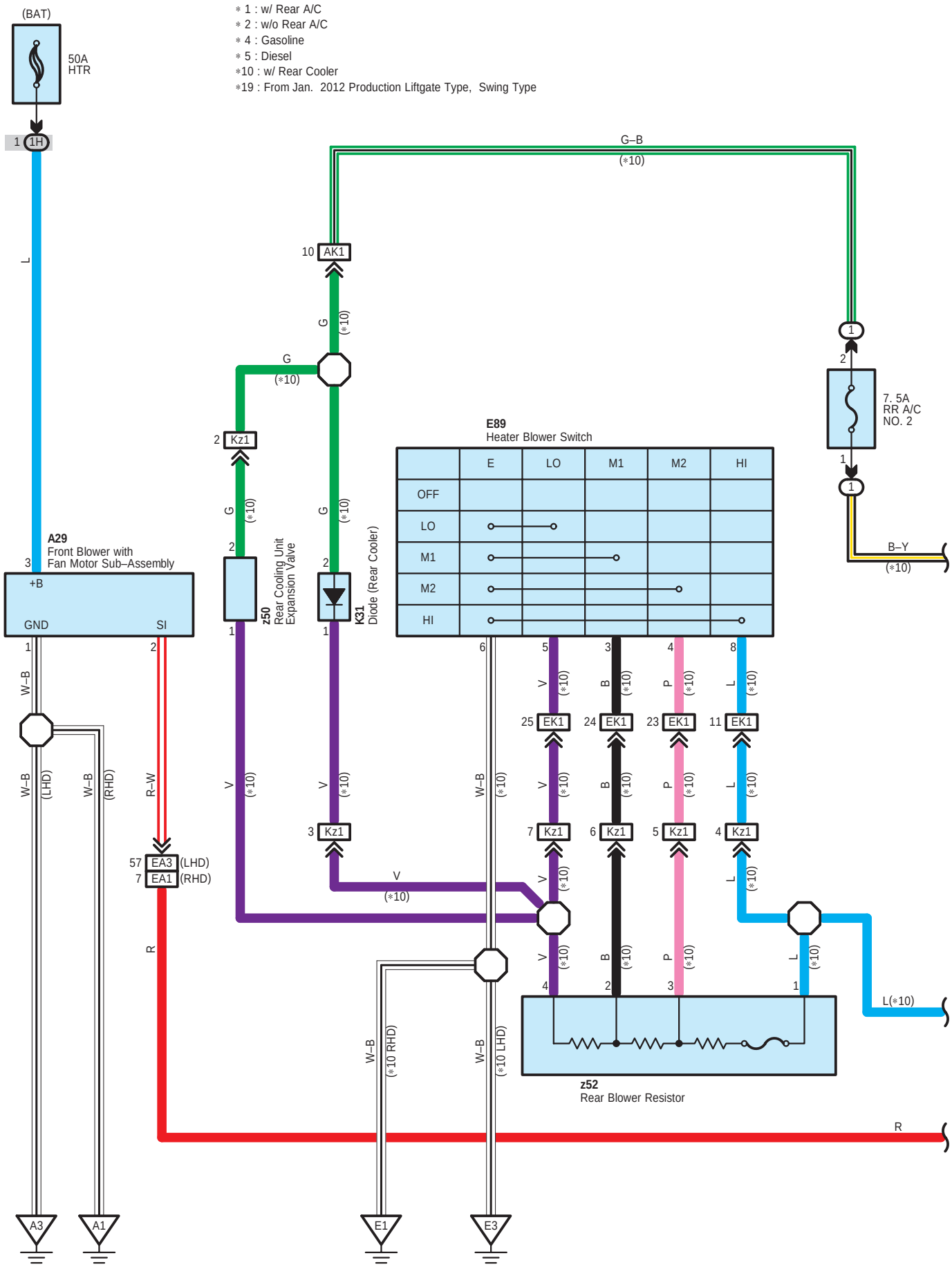
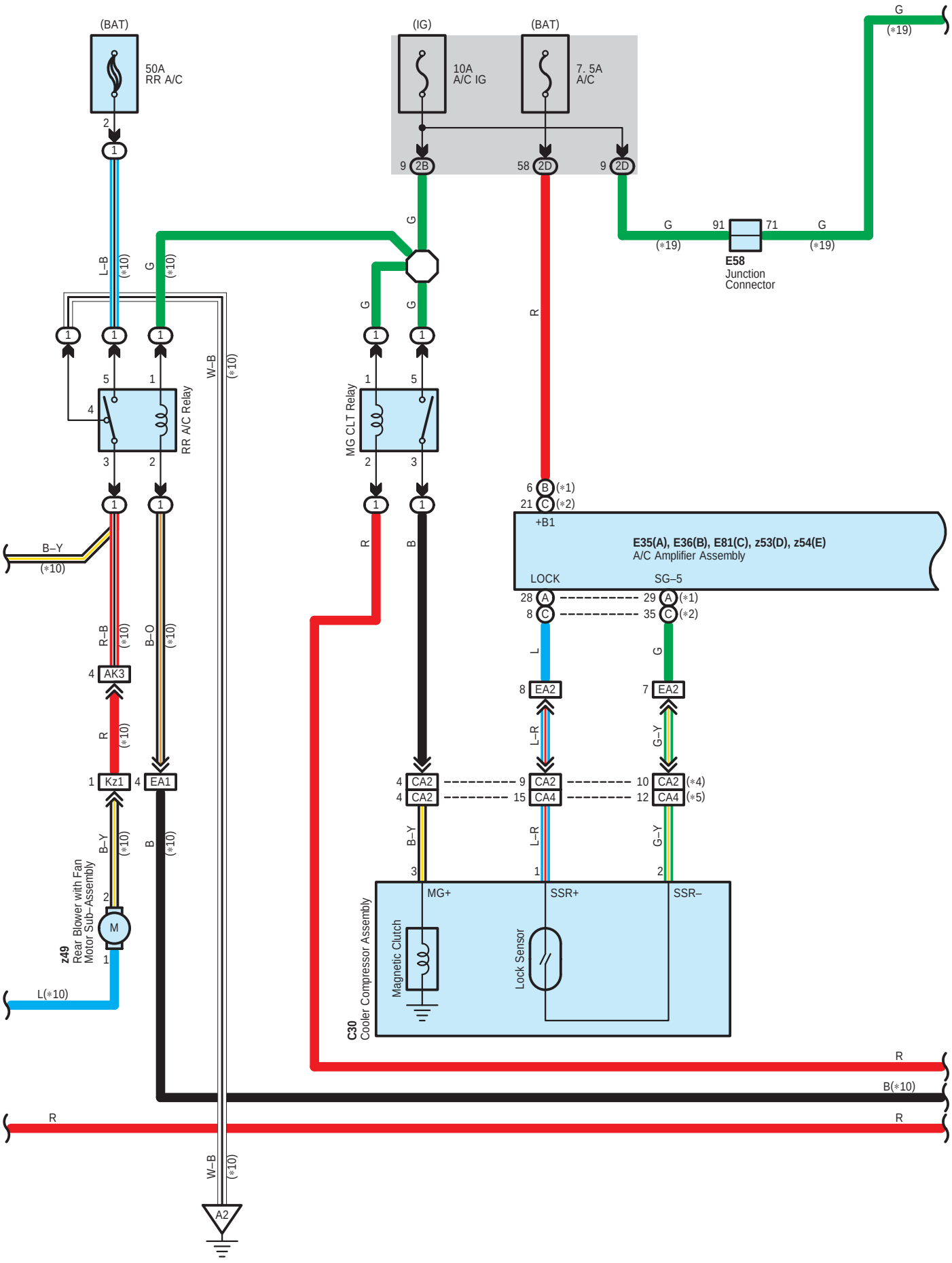
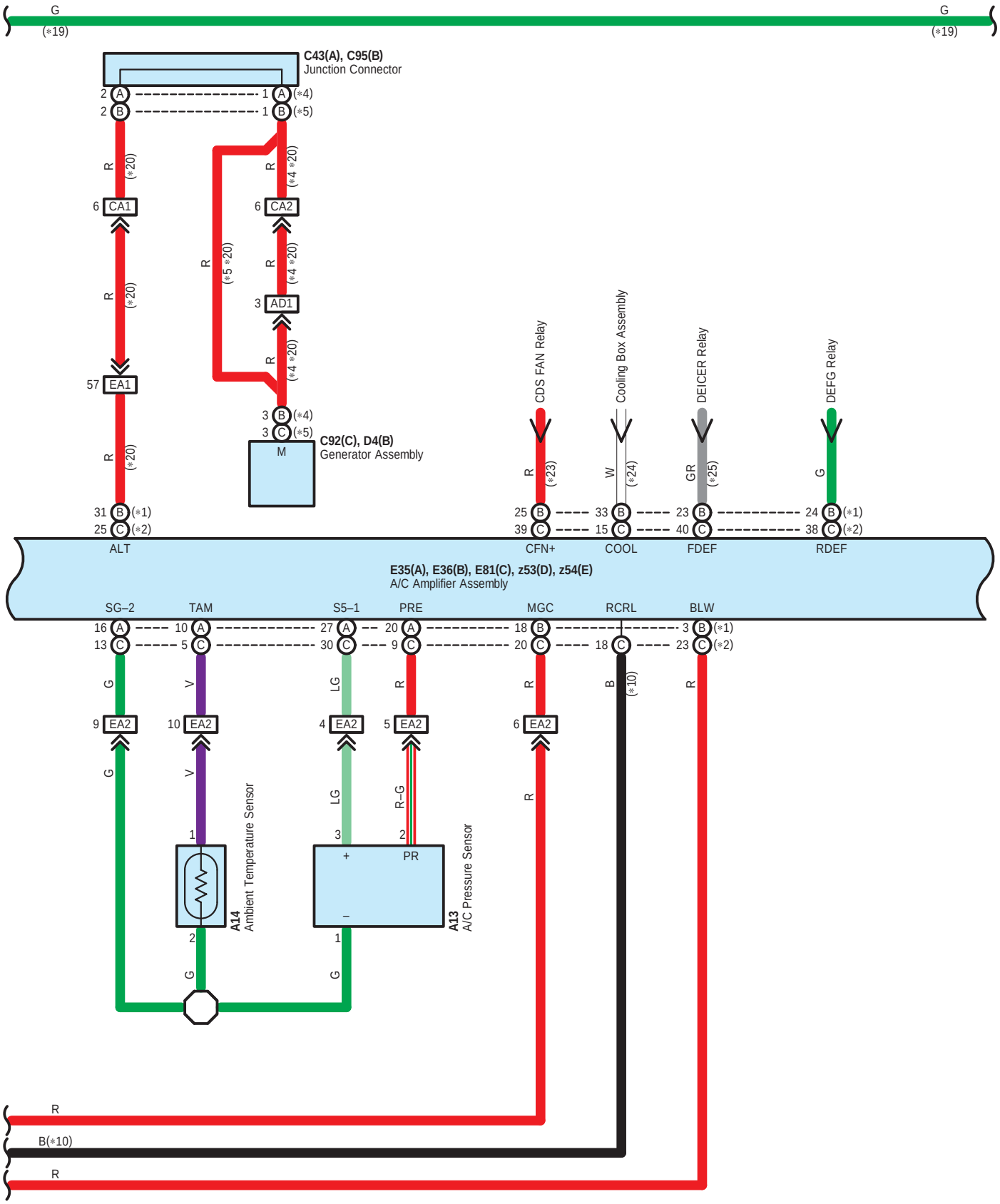
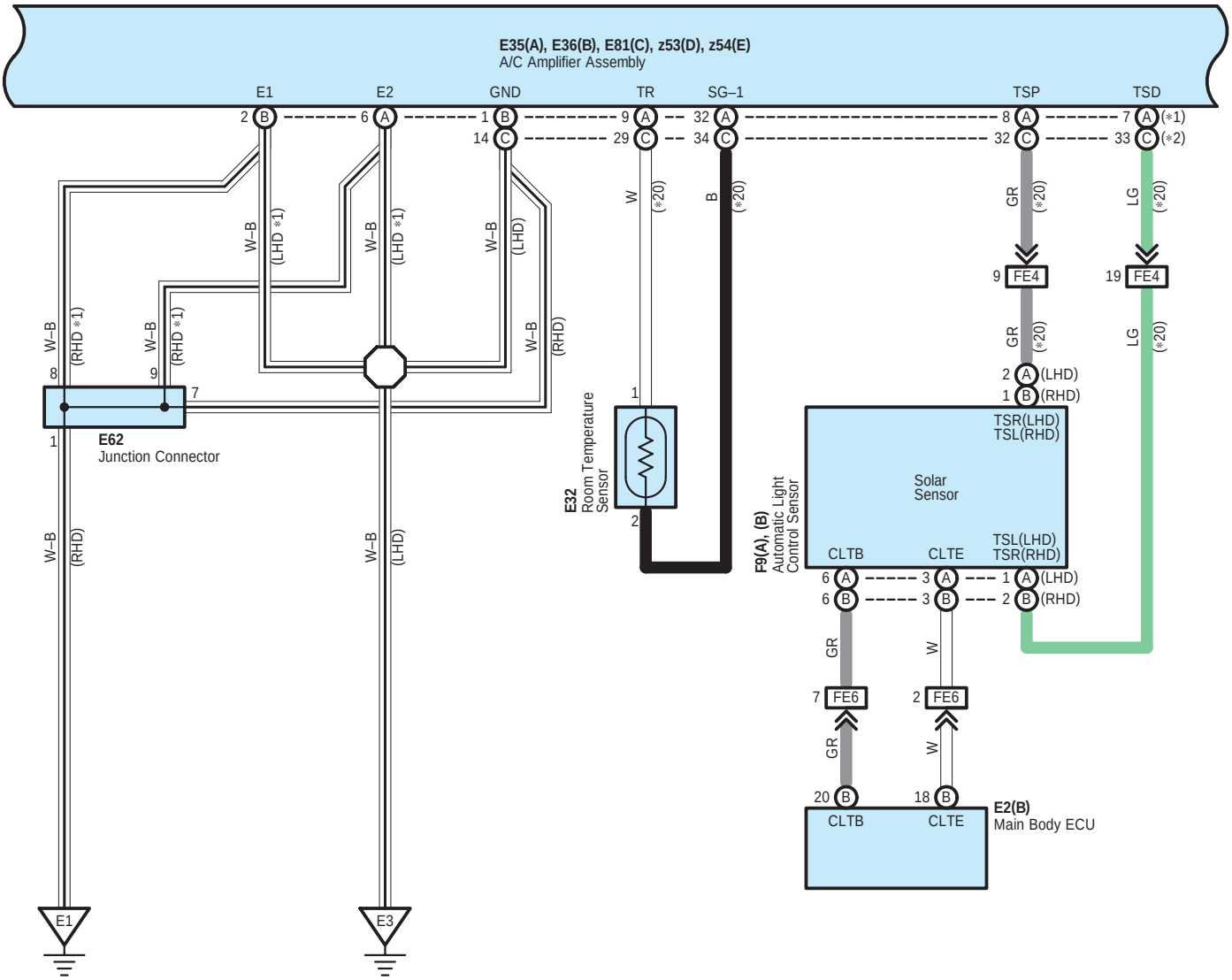

∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : Gasoline
∗ 5 : Diesel
∗10 : w/ Rear Cooler
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
(BAT)
50A
HTR
1H
L
A29
Front Blower with
Fan Motor Sub–Assembly
+B
GND
SI
W–B
W–B (LHD)
W–B (RHD)
R–W
57 EA3 (LHD)
7 EA1 (RHD)
A3
A1
G–B
(∗10)
10 AK1
G
(∗10)
2 Kz1
z50
Rear Cooling Unit
Expansion Valve
K31
Diode (Rear Cooler)
3 Kz1
V
(∗10)
E89
Heater Blower Switch
E
LO
M1
M2
HI
OFF
LO
M1
M2
HI
25 EK1
24 EK1
23 EK1
11 EK1
7 Kz1
6 Kz1
5 Kz1
4 Kz1
V
B
P
L
W–B
(∗10 RHD)
(∗10 LHD)
E1
E3
z52
Rear Blower Resistor
7. 5A
RR A/C
NO. 2
B–Y
L(∗10)
R


(BAT)
50A
RR A/C
(IG)
10A
A/C IG
(BAT)
7. 5A
A/C
G
(*19)
E58
Junction
Connector
RR A/C Relay
MG CLT Relay
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
LOCK
SG–5
+B1
Rear Blower with Fan
Motor Sub–Assembly
z49
C30
Cooler Compressor Assembly
Magnetic Clutch
Lock Sensor
MG+
SSR+
SSR–
L(*10)
B(*10)
W–B
(*10)
A2

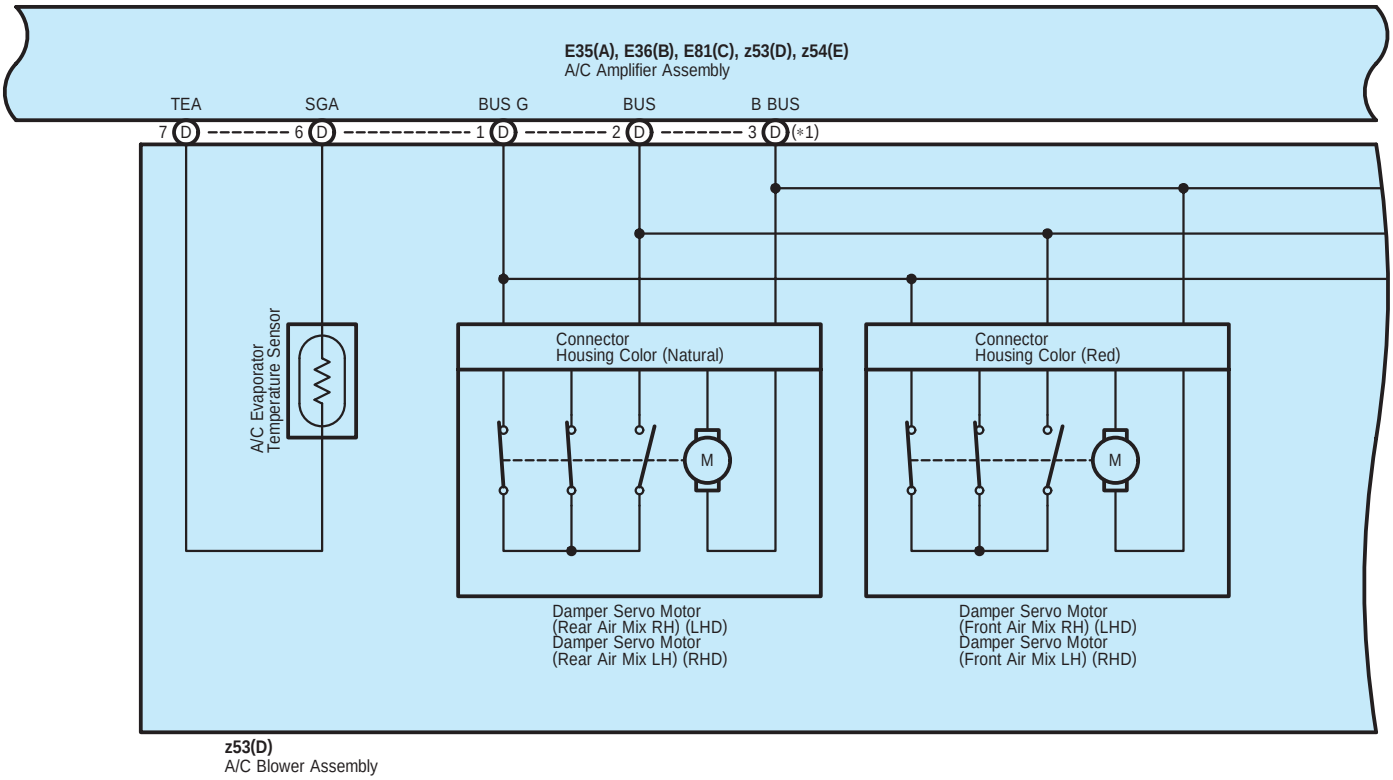

G
(*19)
G
(*19)
C43(A), C95(B)
Junction Connector
2 A
2 B
1 A (*4)
1 B (*5)
R (*20)
6 CA1
R (*20)
57 EA1
R (*20)
31 B (*1)
25 C (*2)
ALT
R (*5 *20)
R (*4 *20)
6 CA2
R (*4 *20)
3 AD1
R (*4 *20)
3 B (*4)
3 C (*5)
C92(C), D4(B)
Generator Assembly
M
CDS FAN Relay
Cooling Box Assembly
DEICER Relay
DEFG Relay
R (*23)
W (*24)
GR (*25)
G
25 B
39 C
33 B
15 C
23 B
40 C
24 B (*1)
38 C (*2)
CFN+
COOL
FDEF
RDEF
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
SG–2
TAM
S5–1
PRE
MGC
RCRL
BLW
16 A
13 C
10 A
5 C
27 A
30 C
20 A
9 C
18 B
20 C
18 C
3 B (*1)
23 C (*2)
G
V
LG
R
R
B (*10)
R
9 EA2
10 EA2
4 EA2
5 EA2
6 EA2
G
V
LG
R–G
R
1
2
3
2
1
A14
Ambient Temperature Sensor
A13
A/C Pressure Sensor
+
–
PR
G
G
R
B(*10)
R

G (∗19) — G (∗19)

∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 4 : Gasoline
∗ 5 : Diesel
∗10 : w/ Rear Cooler
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗20 : Automatic Air Conditioner
∗23 : w/ Condenser Fan
∗24 : w/ Cool Box
∗25 : w/ Front Window Deicer

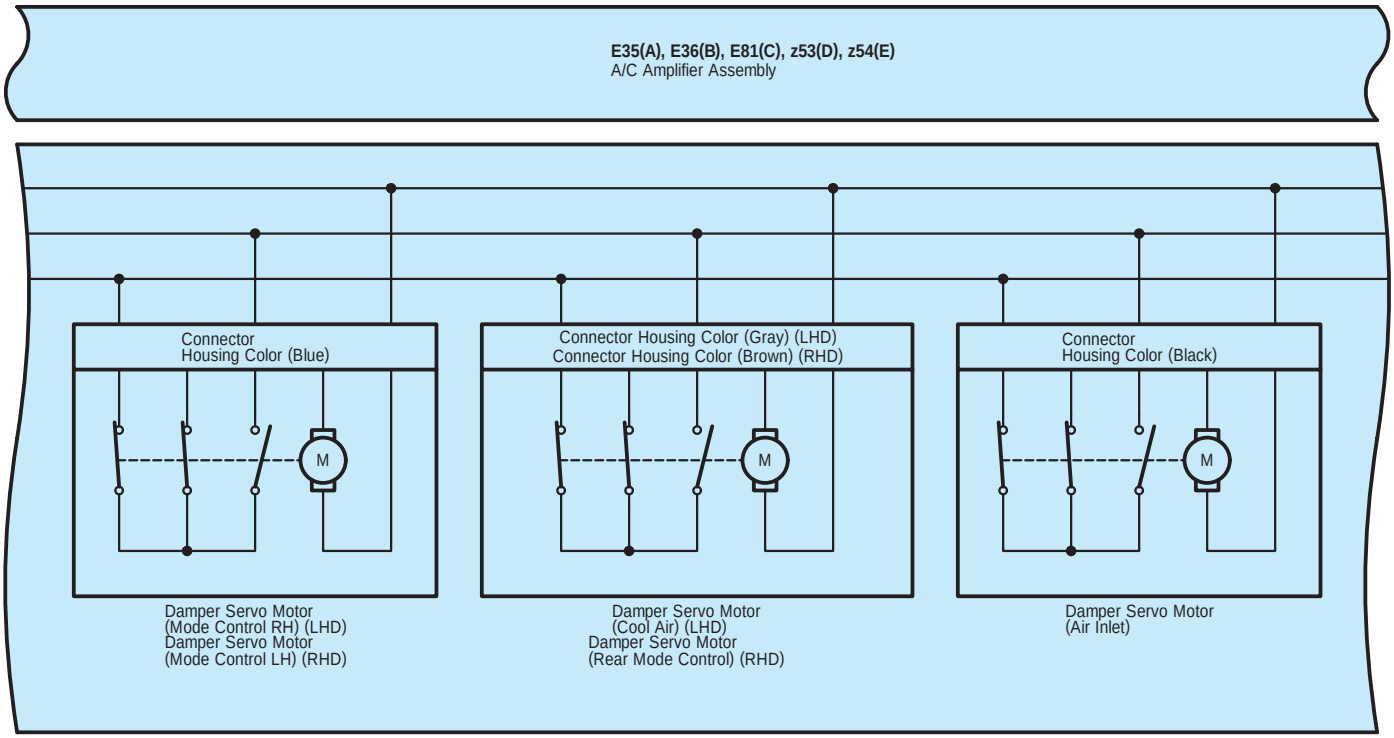



G
(*19)
G
(*19)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
7 D 6 D 1 D 2 D 3 D (*1)
A/C Evaporator Temperature Sensor
Connector
Housing Color (Natural)
Connector
Housing Color (Red)
M
M
Damper Servo Motor
(Rear Air Mix RH) (LHD)
Damper Servo Motor
(Rear Air Mix LH) (RHD)
Damper Servo Motor
(Front Air Mix RH) (LHD)
Damper Servo Motor
(Front Air Mix LH) (RHD)
z53(D)
A/C Blower Assembly

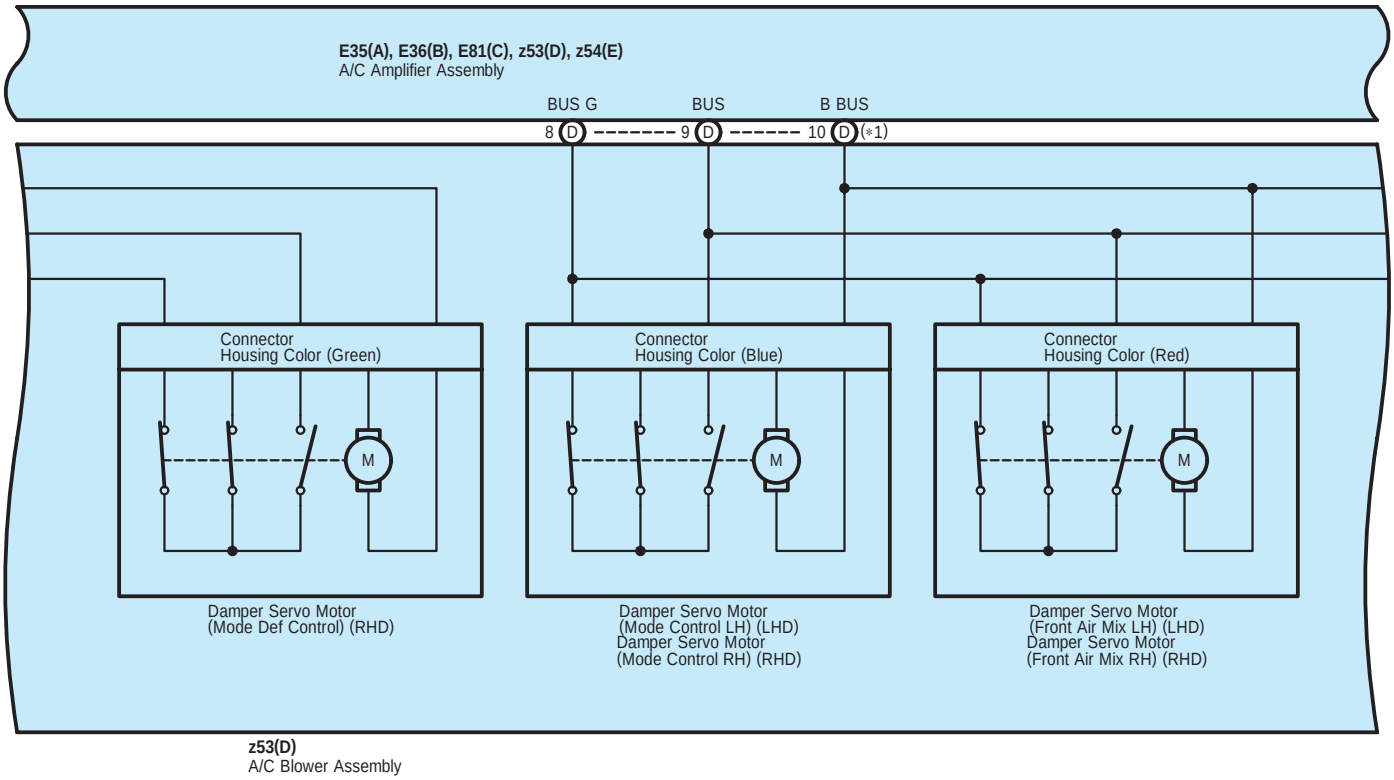


∗ 1 : w/ Rear A/C
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type



z53(D)
A/C Blower Assembly

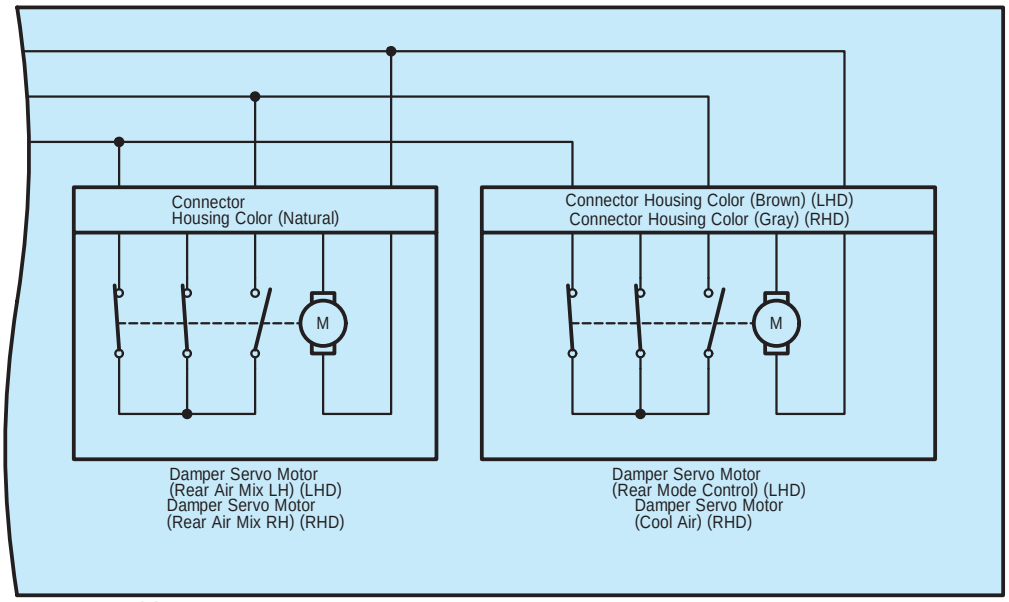

G
(*19)
G
(*19)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
BUS G
BUS
B BUS
8 D
9 D
10 D
(*1)
Connector
Housing Color (Green)
Connector
Housing Color (Blue)
Connector
Housing Color (Red)
M
M
M
Damper Servo Motor
(Mode Def Control) (RHD)
Damper Servo Motor
(Mode Control LH) (LHD)
Damper Servo Motor
(Mode Control RH) (RHD)
Damper Servo Motor
(Front Air Mix LH) (LHD)
Damper Servo Motor
(Front Air Mix RH) (RHD)
z53(D)
A/C Blower Assembly



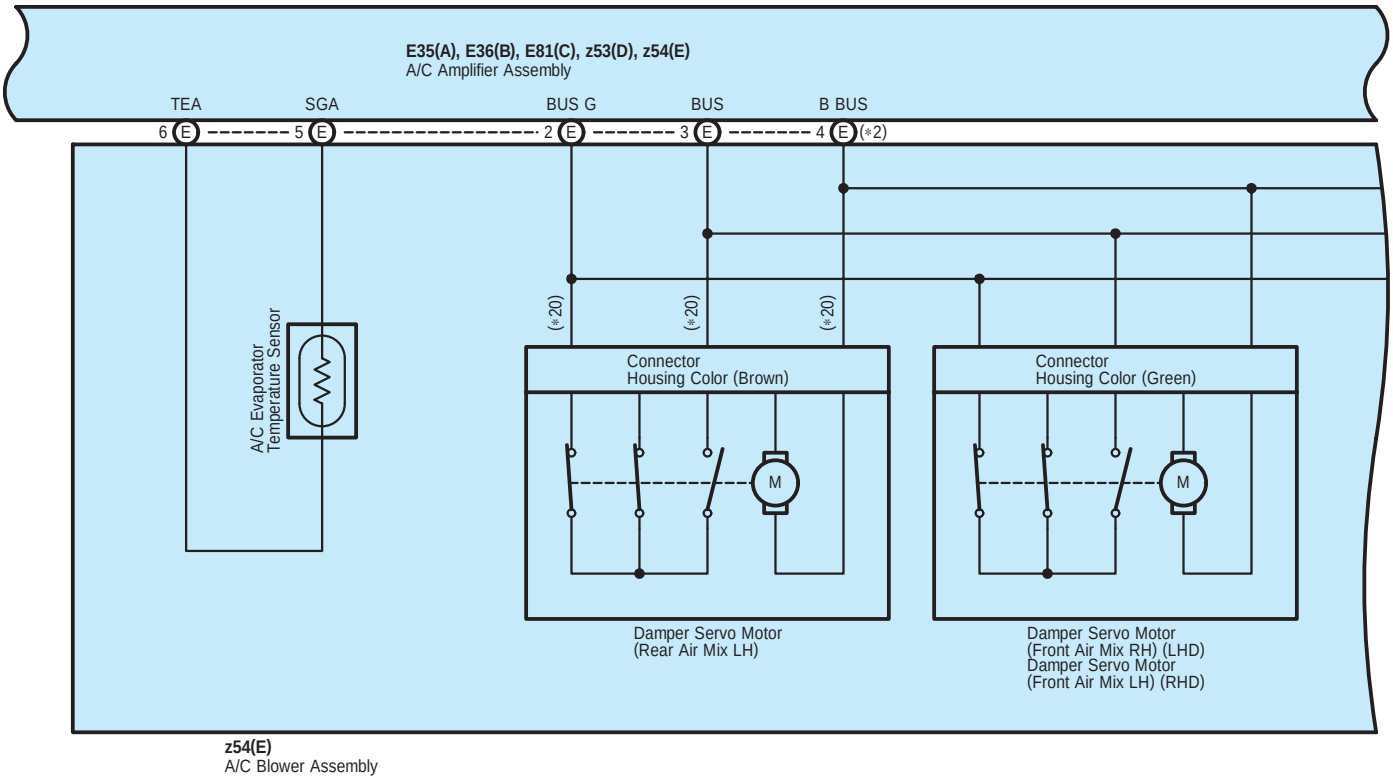
∗ 1 : w/ Rear A/C
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type

E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly



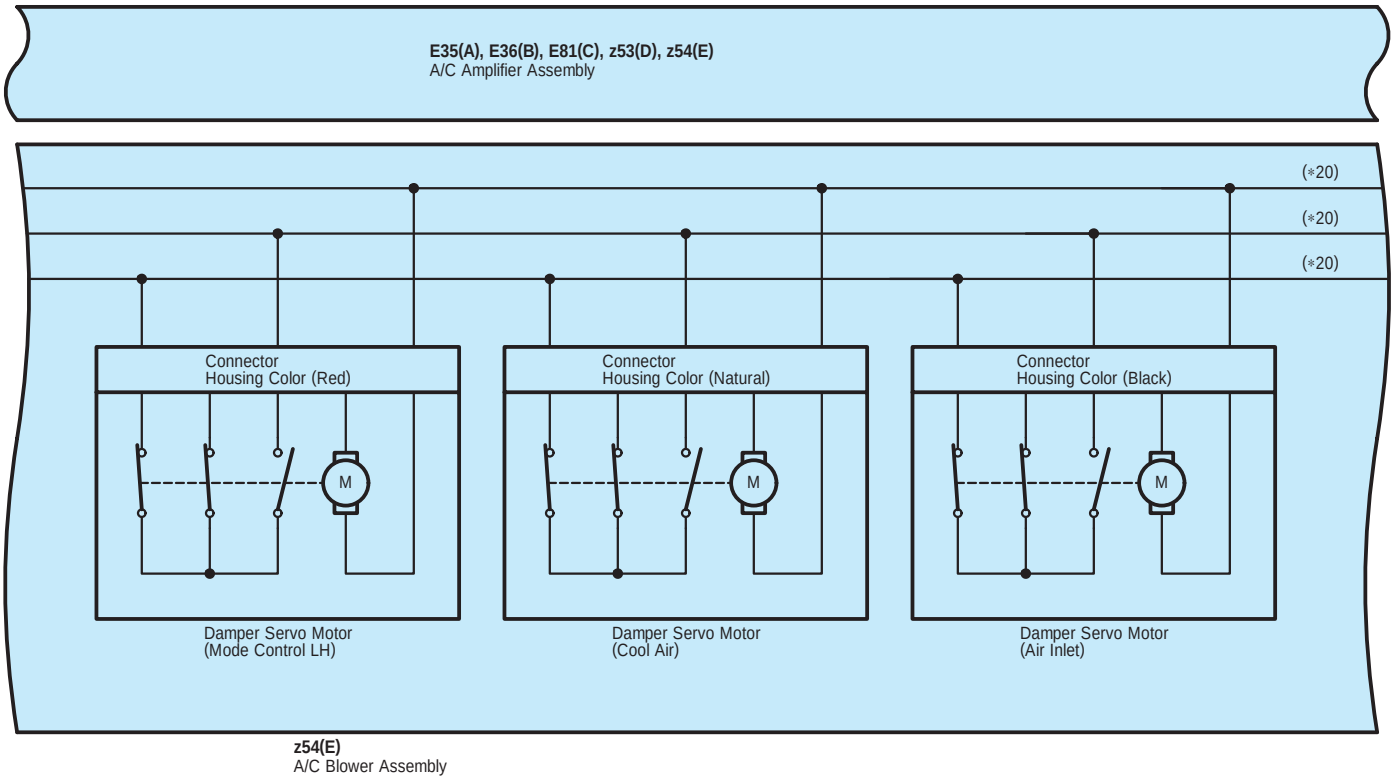
z53(D)
A/C Blower Assembly


G
(*19)
G
(*19)


E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TEA
SGA
BUS G
BUS
B BUS
6 E 5 E 2 E 3 E 4 E (*2)
A/C Evaporator Temperature Sensor
(*20)
(*20)
(*20)
Connector
Housing Color (Brown)
Connector
Housing Color (Green)
M
M
Damper Servo Motor
(Rear Air Mix LH)
Damper Servo Motor
(Front Air Mix RH) (LHD)
Damper Servo Motor
(Front Air Mix LH) (RHD)
z54(E)
A/C Blower Assembly



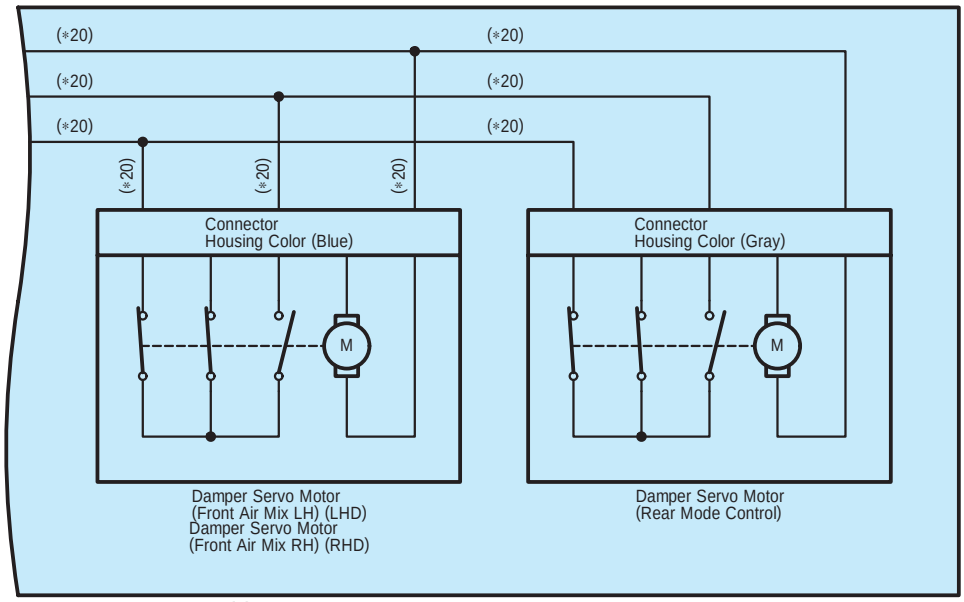
∗ 2 : w/o Rear A/C
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗20 : Automatic Air Conditioner



z54(E)
A/C Blower Assembly



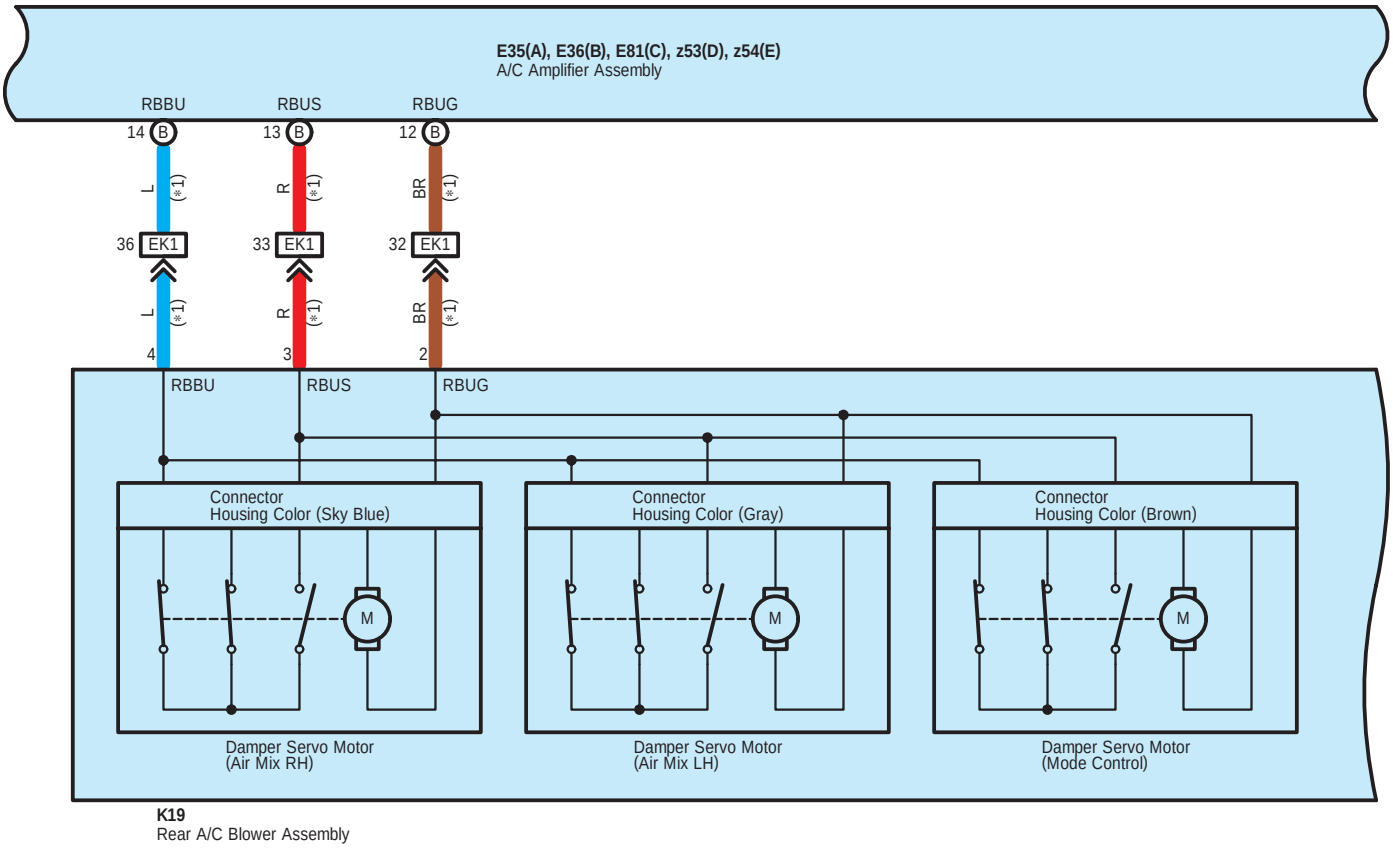
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly



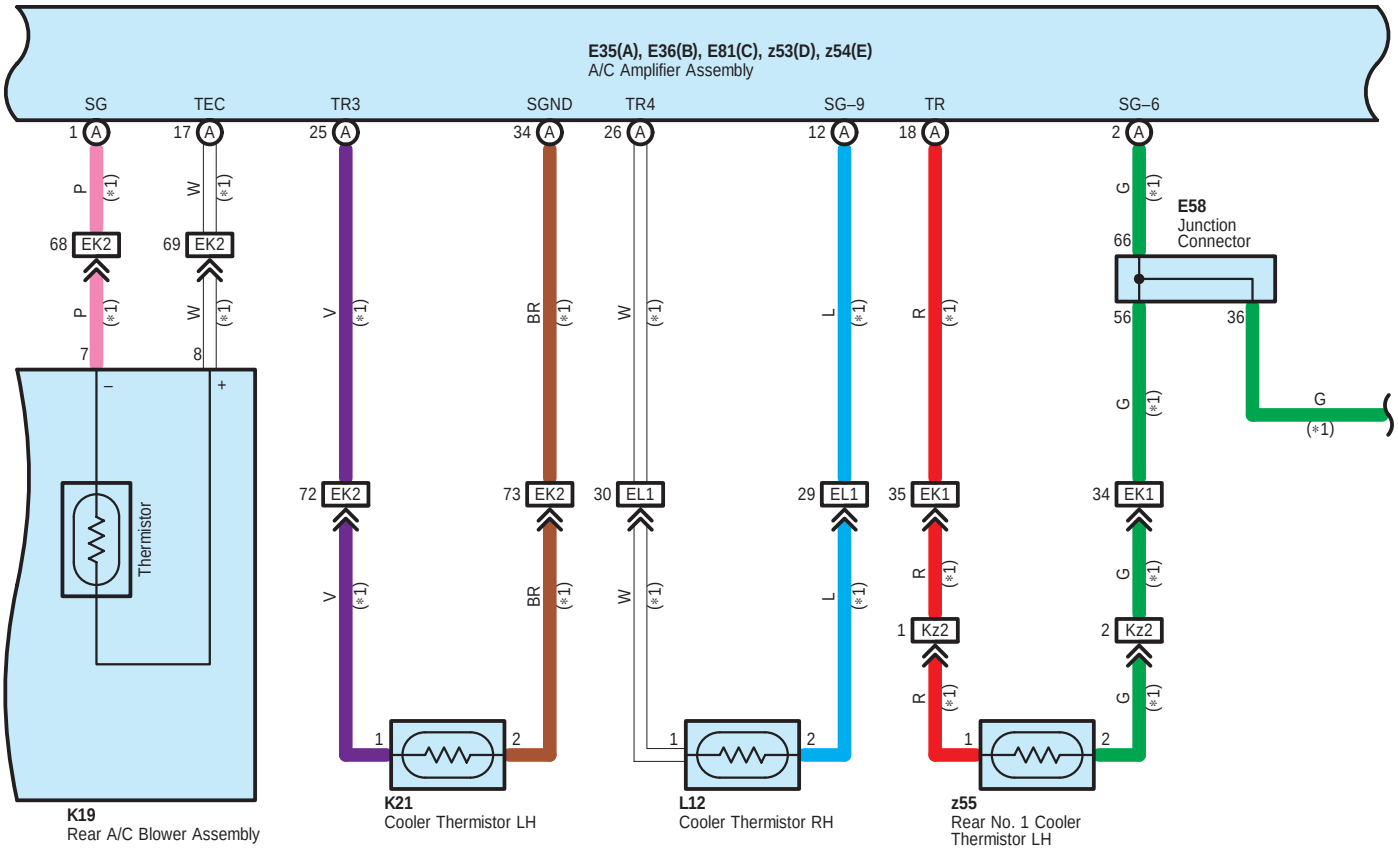
z54(E)
A/C Blower Assembly



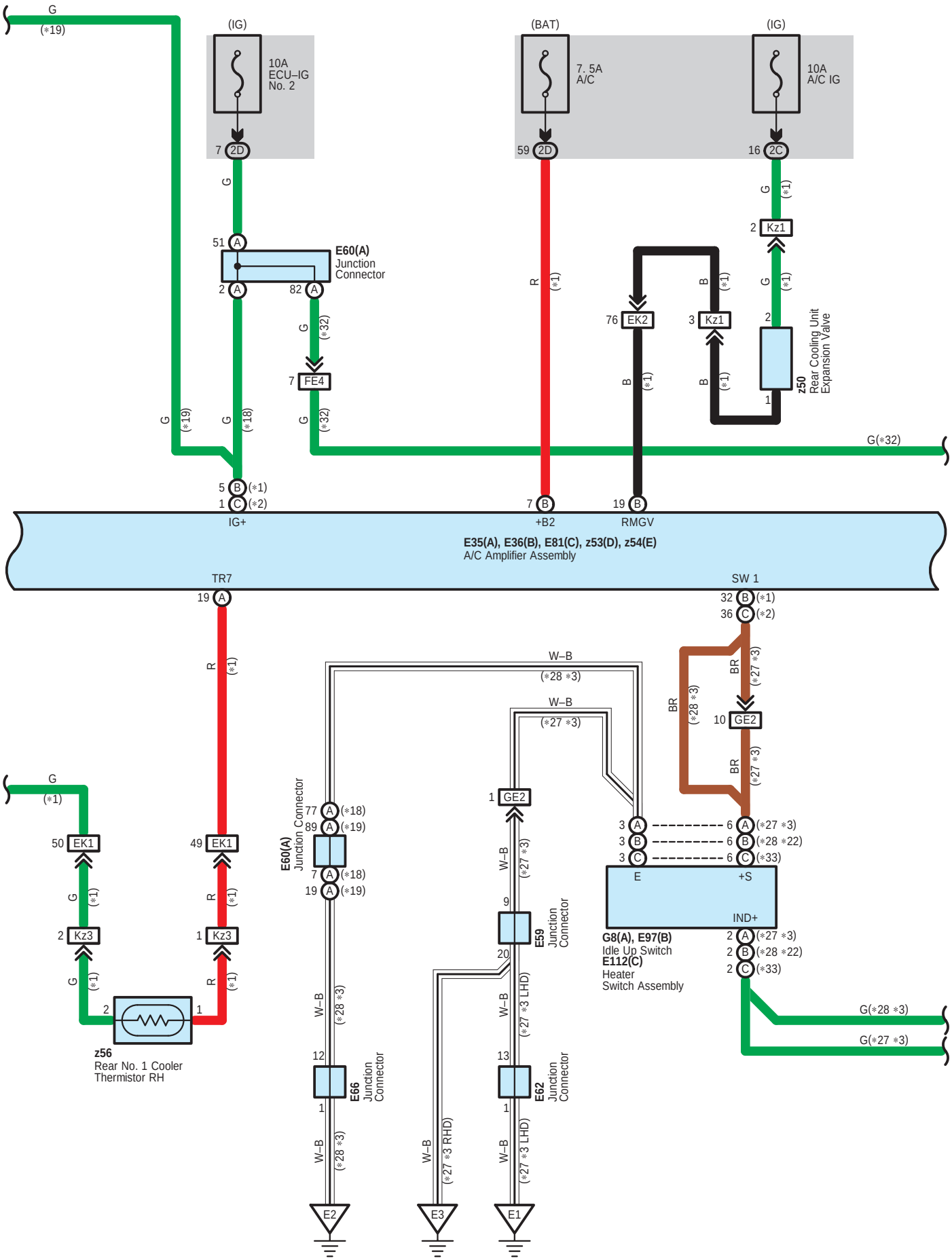
* 1 : w/ Rear A/C
*19 : From Jan. 2012 Production Liftgate Type, Swing Type
*20 : Automatic Air Conditioner

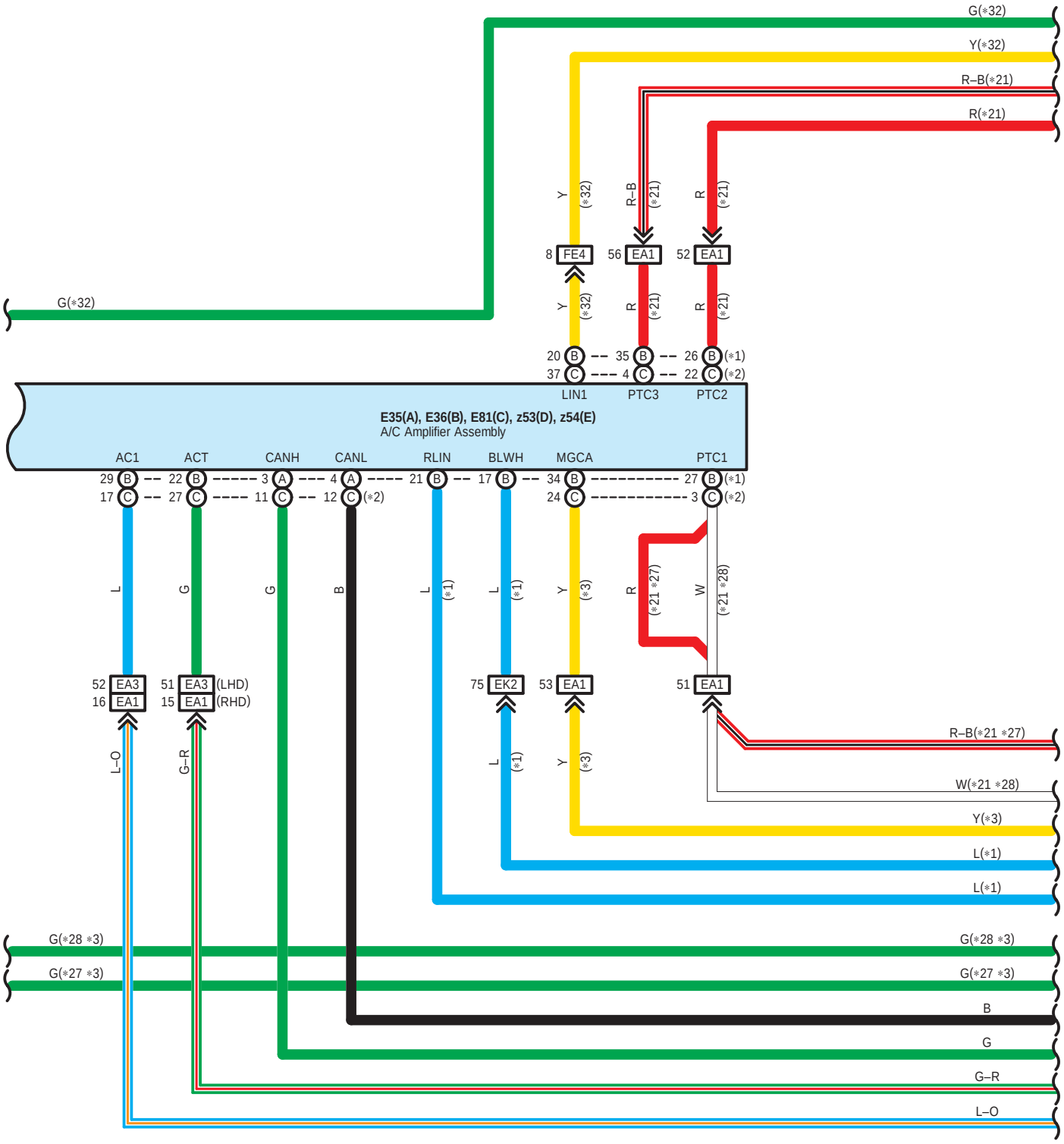


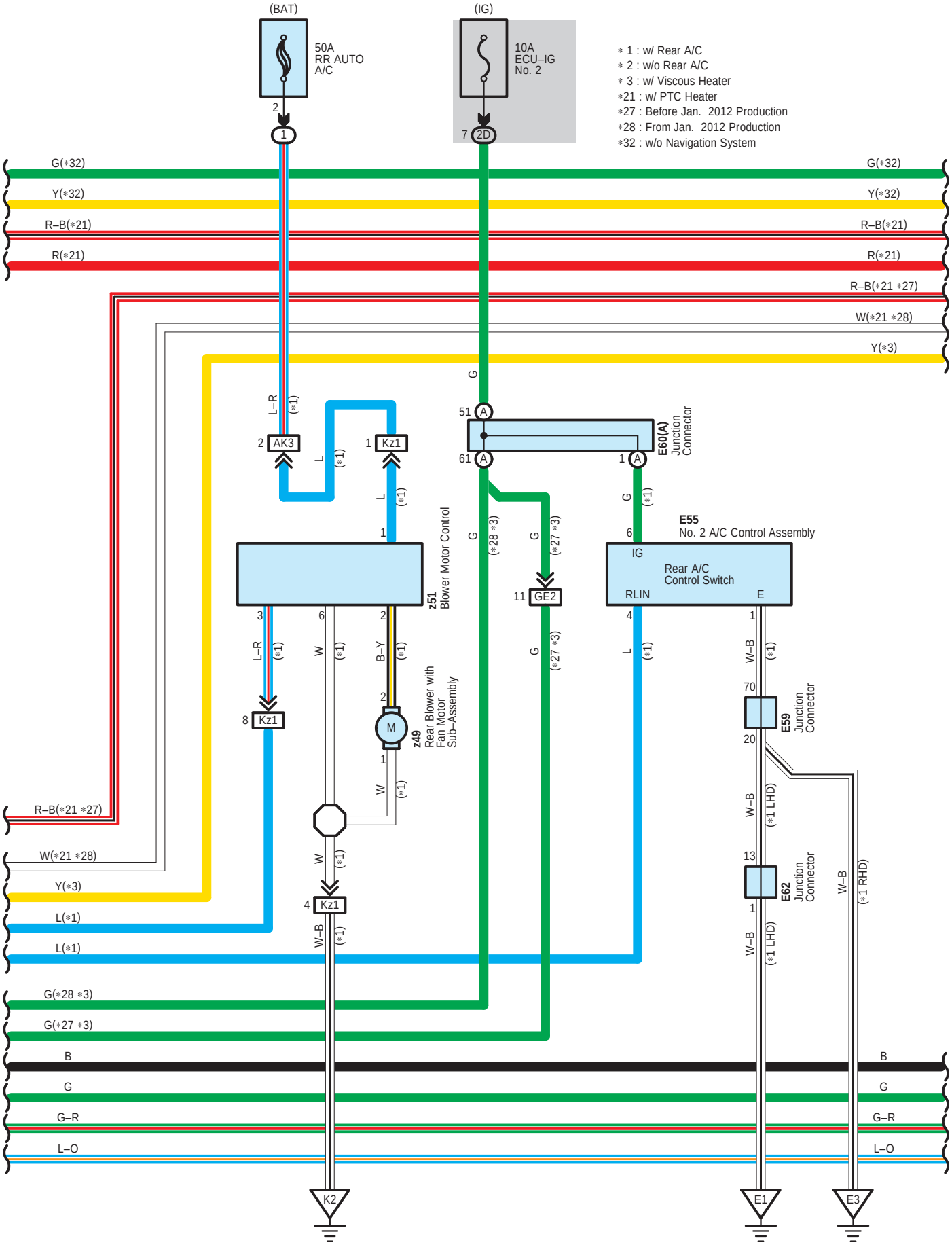


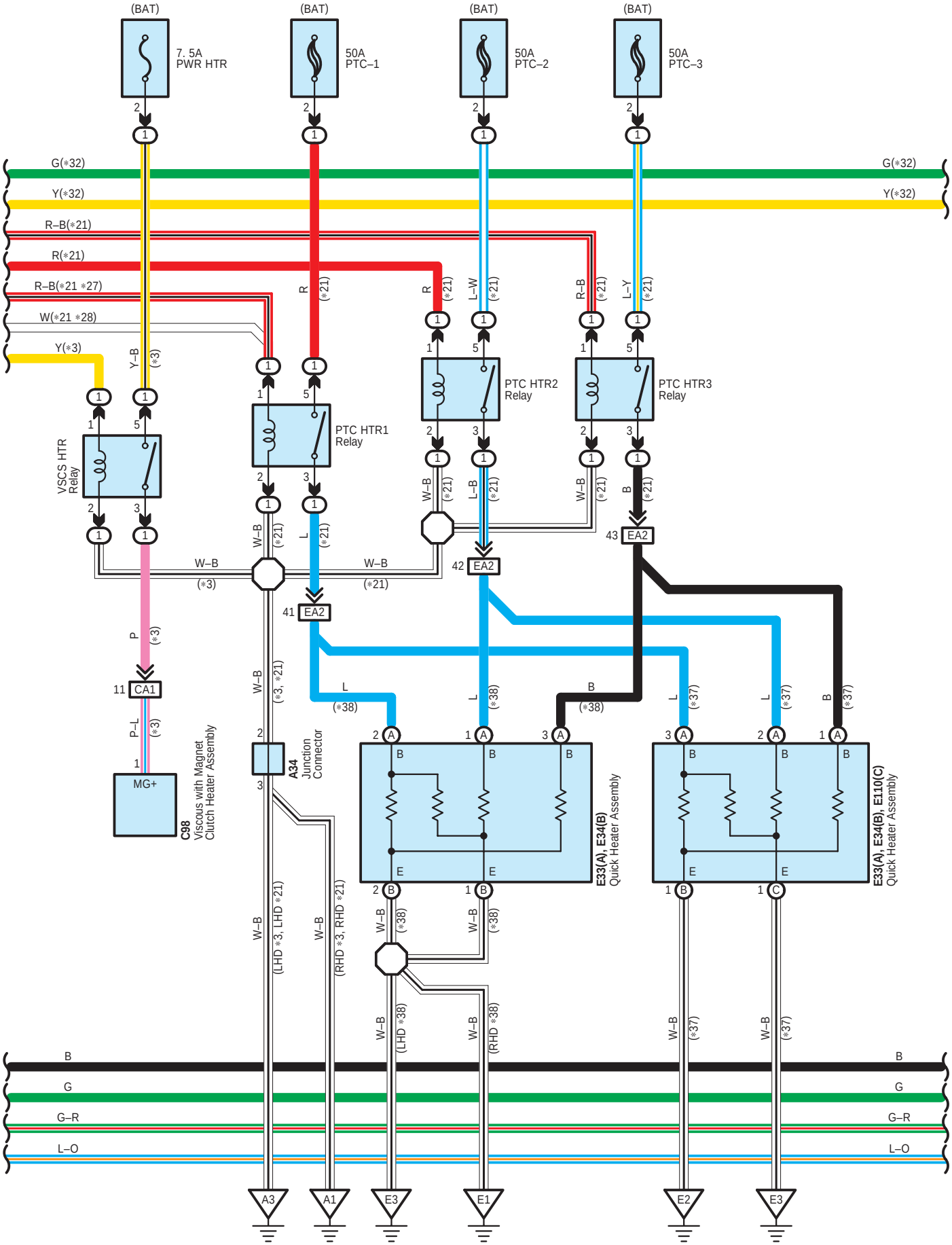


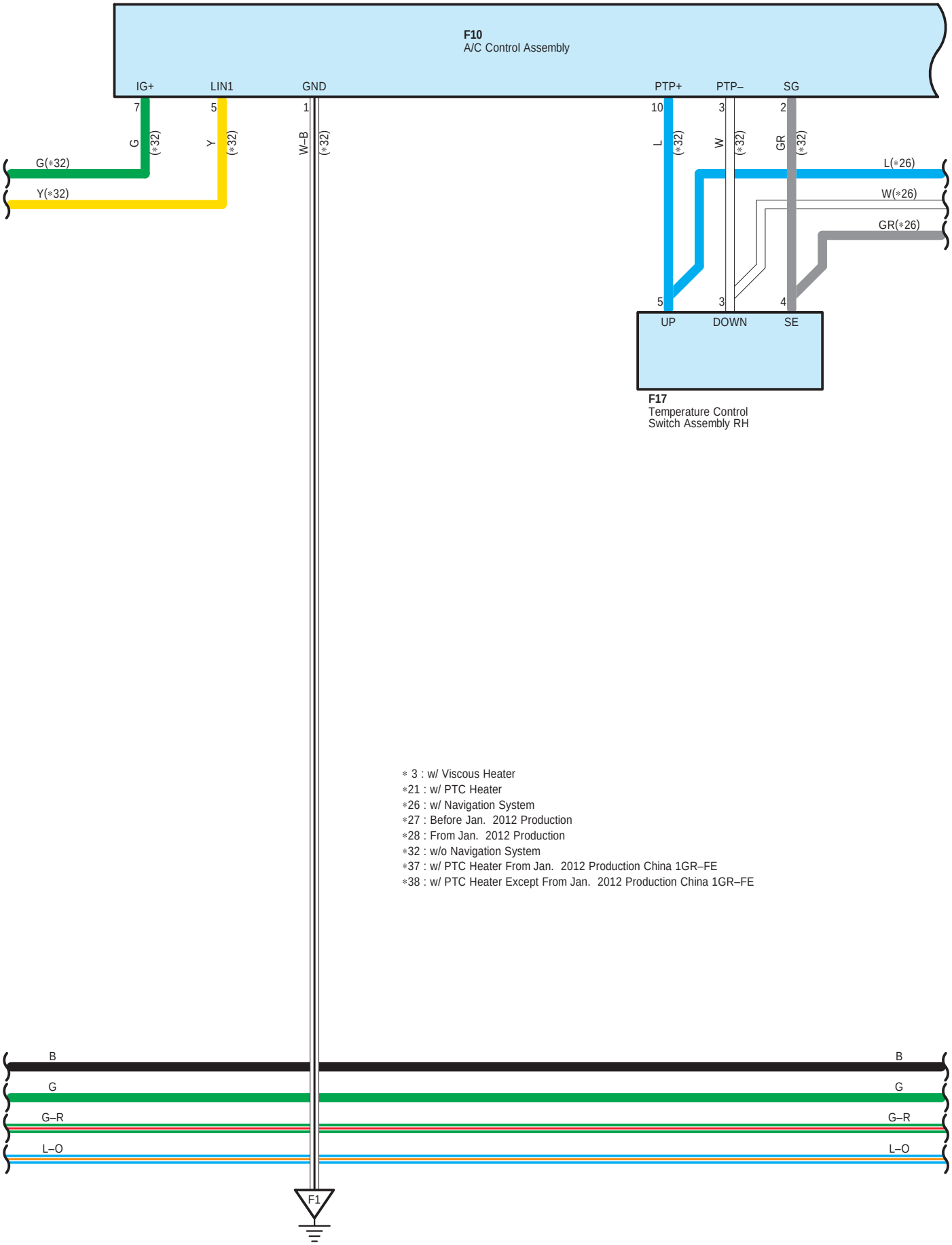
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 3 : w/ Viscous Heater
∗18 : Before Jan. 2012 Production Liftgate Type
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗22 : w/ Viscous Heater 1VD–FTV w/o DPF
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
∗33 : w/ Viscous Heater 1VD–FTV w/ DPF


G
(*19)
(IG)
10A
ECU–IG
No. 2
7 2D
(BAT)
7. 5A
A/C
59 2D
(IG)
10A
A/C IG
16 2C
G
(*1)
2 Kz1
51 A
E60(A)
Junction
Connector
2 A
82 A
G
(*32)
7 FE4
R
(*1)
76 EK2
3 Kz1
B
(*1)
2
z50
Rear Cooling Unit
Expansion Valve
1
G
(*19)
G
(*18)
G
(*32)
G(*32)
5 B (*1)
1 C (*2)
IG+
7 B
+B2
19 B
RMGV
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
TR7
19 A
SW 1
32 B (*1)
36 C (*2)
R
(*1)
W–B
(*28 *3)
W–B
(*27 *3)
BR
(*27 *3)
BR
(*28 *3)
10 GE2
BR
(*27 *3)
G
(*1)
50 EK1
49 EK1
77 A (*18)
89 A (*19)
E60(A)
Junction Connector
7 A (*18)
19 A (*19)
1 GE2
3 A 6 A (*27 *3)
3 B 6 B (*28 *22)
3 C 6 C (*33)
E
+S
IND+
G8(A), E97(B)
Idle Up Switch
E112(C)
Heater
Switch Assembly
2 A (*27 *3)
2 B (*28 *22)
2 C (*33)
G
(*1)
2 Kz3
1 Kz3
2
1
z56
Rear No. 1 Cooler
Thermistor RH
W–B
(*28 *3)
9
E59
Junction
Connector
20
W–B
(*27 *3 LHD)
12
E66
Junction
Connector
13
E62
Junction
Connector
1
W–B
(*28 *3)
W–B
(*27 *3 RHD)
W–B
(*27 *3 LHD)
E2
E3
E1
G(*28 *3)
G(*27 *3)

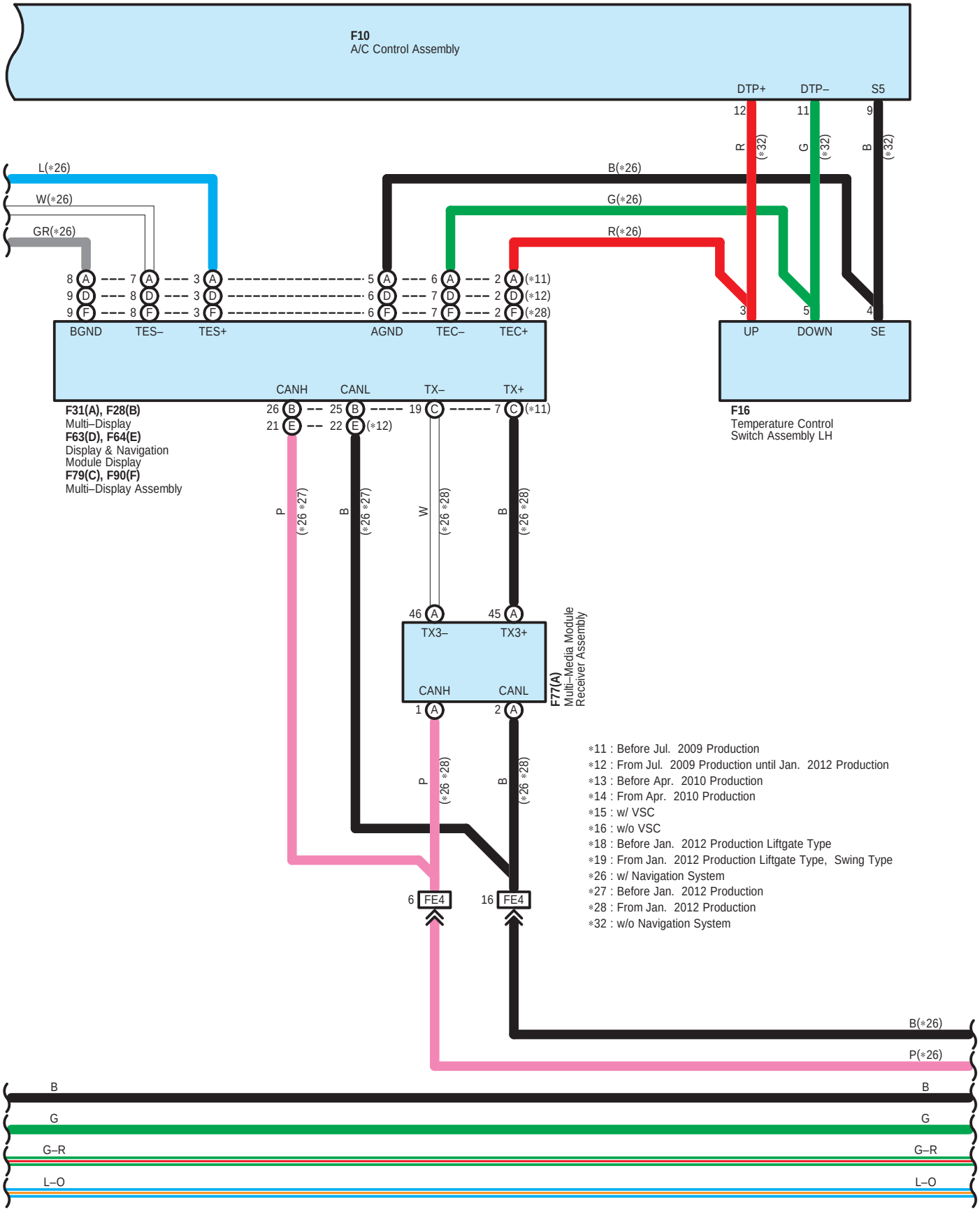

G(∗32)
Y(∗32)
R–B(∗21)
R(∗21)
G(∗32)
8 FE4
56 EA1
52 EA1
Y (∗32)
R–B (∗21)
R (∗21)
20 B
37 C
35 B
4 C
26 B (∗1)
22 C (∗2)
LIN1
PTC3
PTC2
E35(A), E36(B), E81(C), z53(D), z54(E)
A/C Amplifier Assembly
AC1
ACT
CANH
CANL
RLIN
BLWH
MGCA
PTC1
29 B
17 C
22 B
27 C
3 A
11 C
4 A
12 C (∗2)
21 B
17 B
34 B
24 C
27 B (∗1)
3 C (∗2)
L
G
G
B
L (∗1)
L (∗1)
Y (∗3)
R (∗21 ∗27)
W (∗21 ∗28)
52 EA3
16 EA1
51 EA3 (LHD)
15 EA1 (RHD)
75 EK2
53 EA1
51 EA1
L–O
G–R
L (∗1)
Y (∗3)
R–B(∗21 ∗27)
W(∗21 ∗28)
Y(∗3)
L(∗1)
L(∗1)
G(∗28 ∗3)
G(∗27 ∗3)
G(∗28 ∗3)
G(∗27 ∗3)
B
G
G–R
L–O

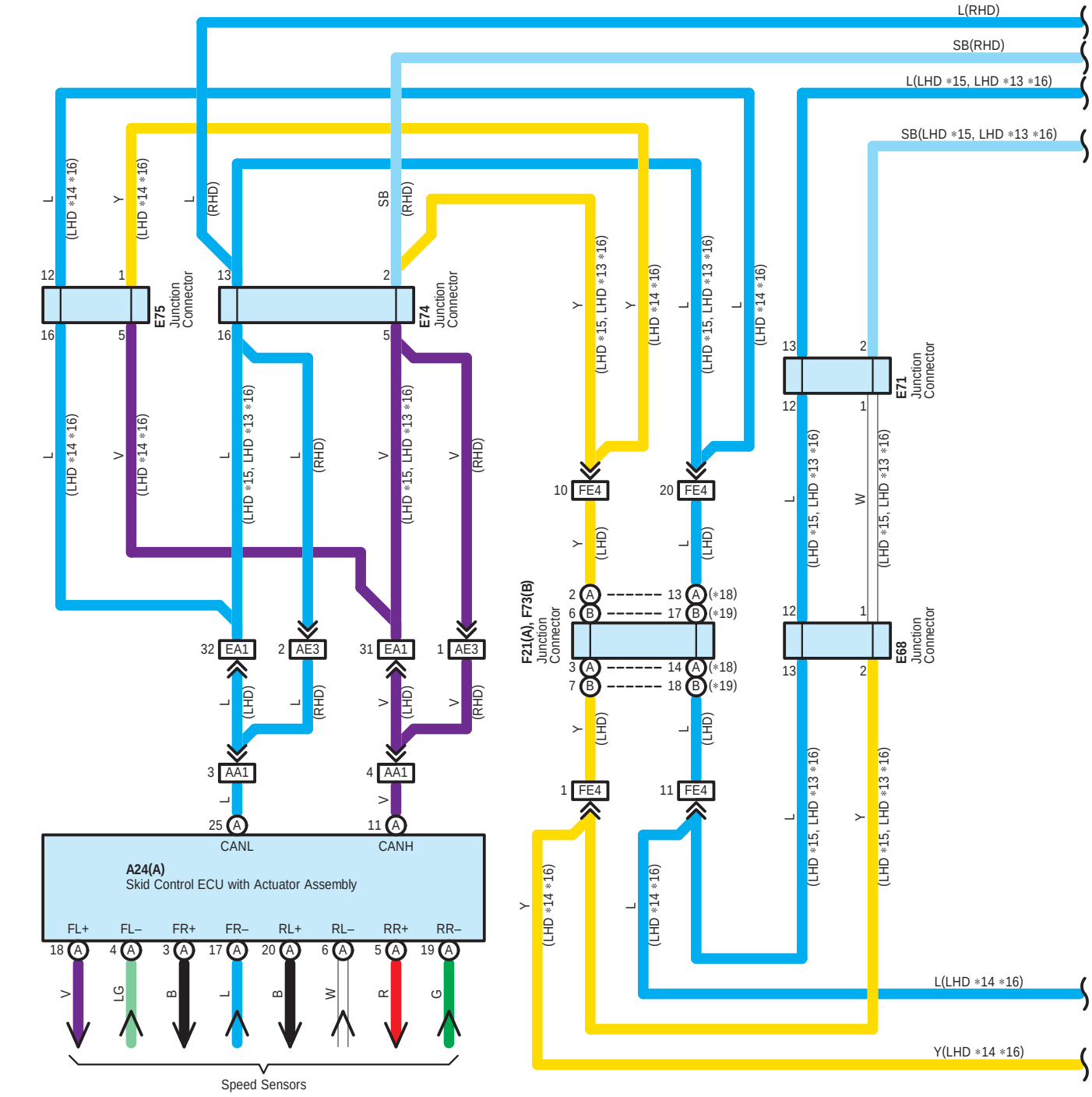

(BAT)
50A
RR AUTO
A/C
(IG)
10A
ECU–IG
No. 2
∗ 1 : w/ Rear A/C
∗ 2 : w/o Rear A/C
∗ 3 : w/ Viscous Heater
∗21 : w/ PTC Heater
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
G(∗32)
Y(∗32)
R–B(∗21)
R(∗21)
R–B(∗21 ∗27)
W(∗21 ∗28)
Y(∗3)
L–R
L
G
B–Y
W
W–B
B
G–R
L–O
AK3
Kz1
GE2
E60(A) Junction Connector
E55
No. 2 A/C Control Assembly
IG
Rear A/C
Control Switch
RLIN
E
z51
Blower Motor Control
z49
Rear Blower with
Fan Motor
Sub–Assembly
M
E59
Junction
Connector
E62
Junction
Connector
(∗1 LHD)
(∗1 RHD)
K2
E1
E3


(BAT)
7. 5A
PWR HTR
50A
PTC–1
50A
PTC–2
50A
PTC–3
G(*32)
Y(*32)
R–B(*21)
R(*21)
R–B(*21 *27)
W(*21 *28)
Y(*3)
VSCS HTR
Relay
PTC HTR1
Relay
PTC HTR2
Relay
PTC HTR3
Relay
EA2
CA1
MG+
C98
Viscous with Magnet
Clutch Heater Assembly
A34
Junction
Connector
E33(A), E34(B)
Quick Heater Assembly
E33(A), E34(B), E110(C)
Quick Heater Assembly
A3
A1
E3
E1
E2
E3

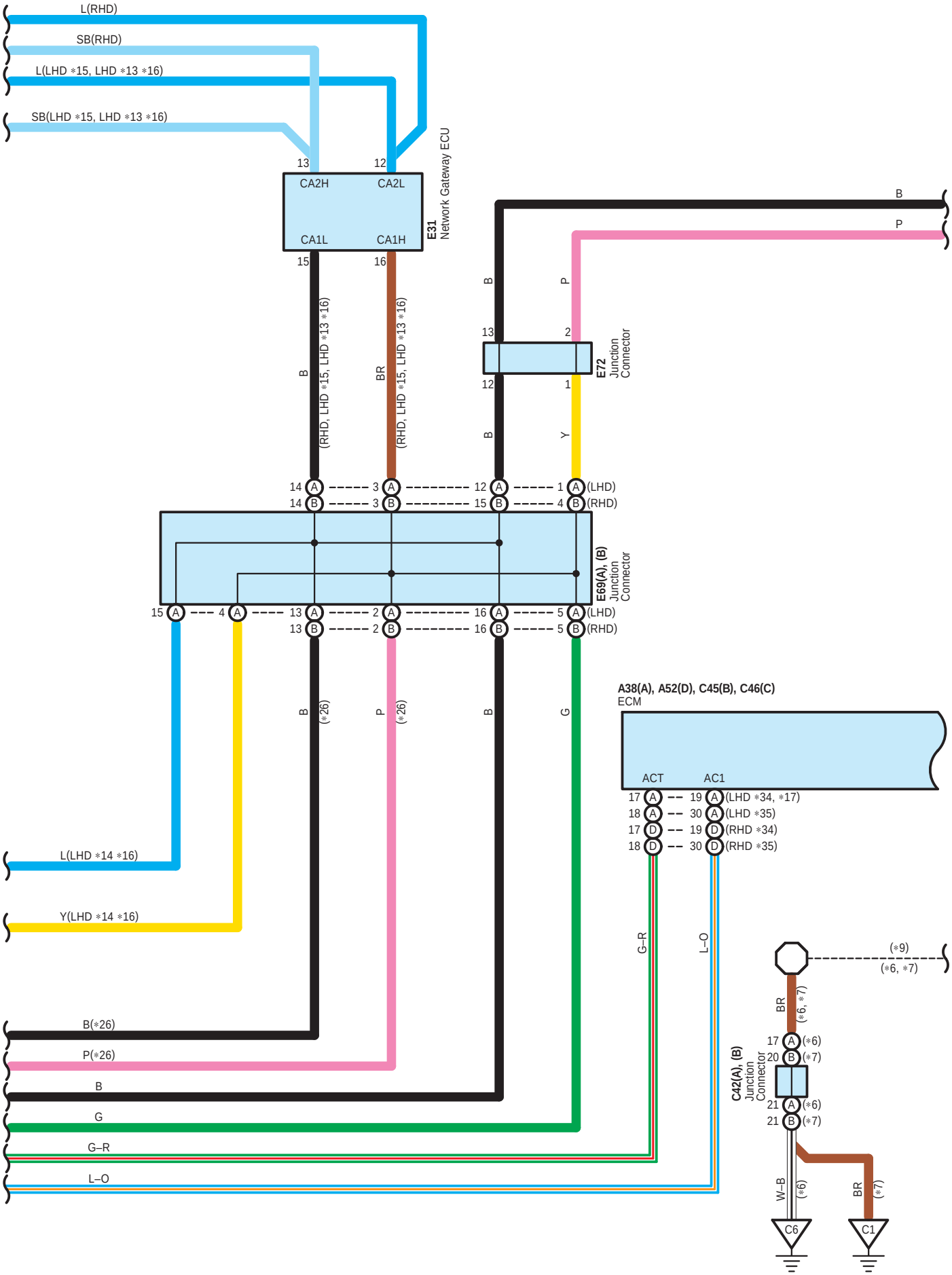


∗ 3 : w/ Viscous Heater
∗21 : w/ PTC Heater
∗26 : w/ Navigation System
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
∗37 : w/ PTC Heater From Jan. 2012 Production China 1GR–FE
∗38 : w/ PTC Heater Except From Jan. 2012 Production China 1GR–FE


F10
A/C Control Assembly
DTP+
DTP–
S5
12
11
9
R
G
B
(∗32)
L(∗26)
W(∗26)
GR(∗26)
B(∗26)
G(∗26)
R(∗26)
BGND
TES–
TES+
AGND
TEC–
TEC+
UP
DOWN
SE
F31(A), F28(B)
Multi–Display
F63(D), F64(E)
Display & Navigation
Module Display
F79(C), F90(F)
Multi–Display Assembly
F16
Temperature Control
Switch Assembly LH
CANH
CANL
TX–
TX+
P
B
W
(∗26 ∗27)
(∗26 ∗28)
TX3–
TX3+
F77(A)
Multi–Media Module
Receiver Assembly
FE4
∗11 : Before Jul. 2009 Production
∗12 : From Jul. 2009 Production until Jan. 2012 Production
∗13 : Before Apr. 2010 Production
∗14 : From Apr. 2010 Production
∗15 : w/ VSC
∗16 : w/o VSC
∗18 : Before Jan. 2012 Production Liftgate Type
∗19 : From Jan. 2012 Production Liftgate Type, Swing Type
∗26 : w/ Navigation System
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗32 : w/o Navigation System
B(∗26)
P(∗26)
B
G
G–R
L–O

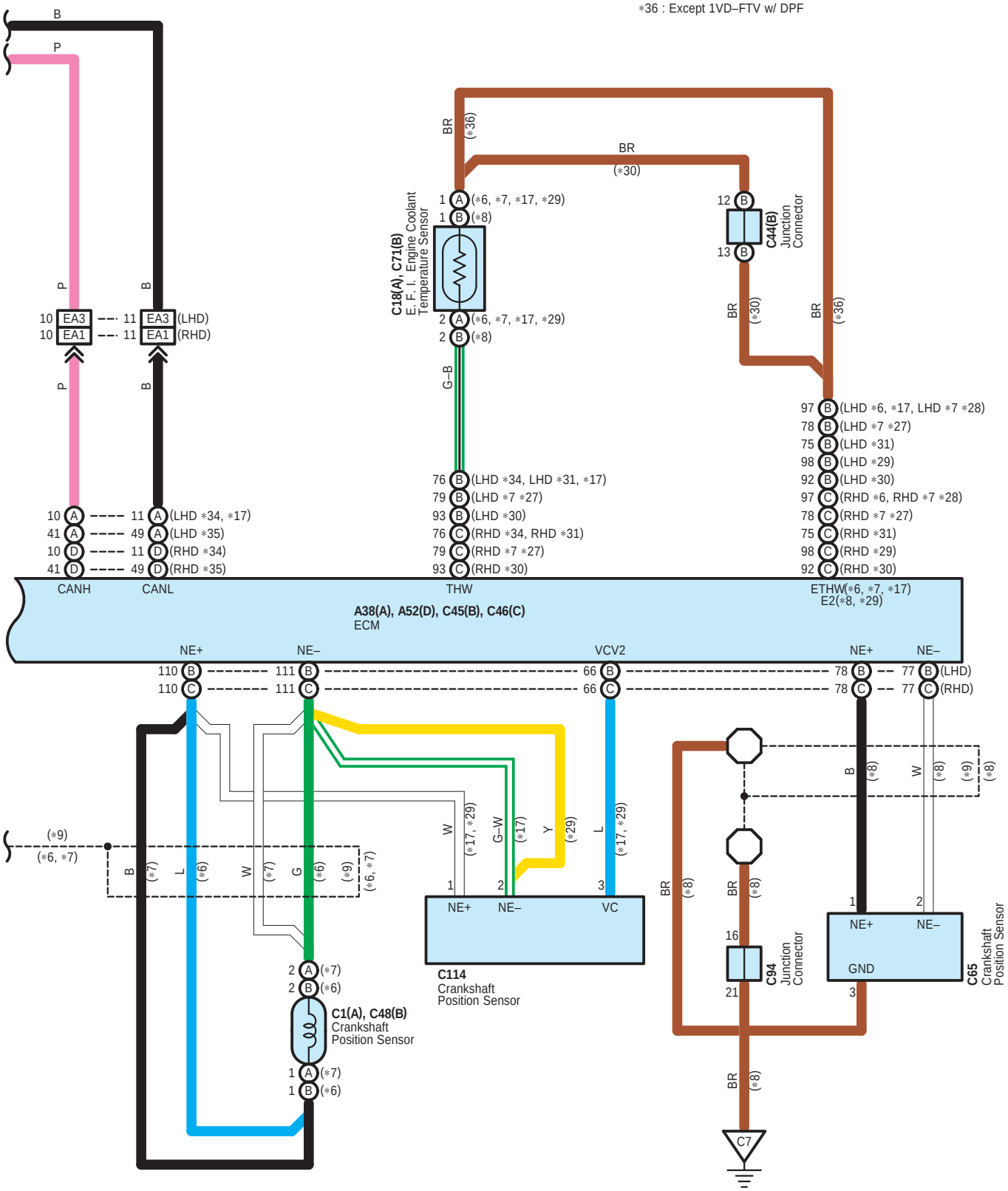

L(RHD)
SB(RHD)
L(LHD *15, LHD *13 *16)
SB(LHD *15, LHD *13 *16)
E75 Junction Connector
E74 Junction Connector
E71 Junction Connector
E68 Junction Connector
F21(A), F73(B) Junction Connector
A24(A)
Skid Control ECU with Actuator Assembly
CANL
CANH
FL+ FL– FR+ FR– RL+ RL– RR+ RR–
Speed Sensors
L(LHD *14 *16)
Y(LHD *14 *16)


B(*26)
P(*26)
B
G
G–R
L–O

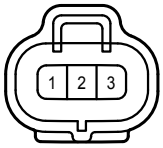

L(RHD)
SB(RHD)
L(LHD *15, LHD *13 *16)
SB(LHD *15, LHD *13 *16)
13
12
CA2H
CA2L
CA1L
CA1H
E31
Network Gateway ECU
15
16
B
(RHD, LHD *15, LHD *13 *16)
BR
(RHD, LHD *15, LHD *13 *16)
B
P
13
2
12
1
E72
Junction Connector
B
Y
14 A 3 A 12 A 1 A (LHD)
14 B 3 B 15 B 4 B (RHD)
E69(A), (B)
Junction Connector
15 A 4 A 13 A 2 A 16 A 5 A (LHD)
13 B 2 B 16 B 5 B (RHD)
B
(*26)
P
(*26)
B
G
A38(A), A52(D), C45(B), C46(C)
ECM
ACT
AC1
17 A 19 A (LHD *34, *17)
18 A 30 A (LHD *35)
17 D 19 D (RHD *34)
18 D 30 D (RHD *35)
L(LHD *14 *16)
Y(LHD *14 *16)
B(*26)
P(*26)
B
G
G–R
L–O
G–R
L–O
(*9)
(*6, *7)
BR
(*6, *7)
17 A (*6)
20 B (*7)
C42(A), (B)
Junction Connector
21 A (*6)
21 B (*7)
W–B
(*6)
BR
(*7)
C6
C1

∗ 6 : 2UZ–FE
∗ 7 : 1GR–FE
∗ 8 : 1VD–FTV
∗ 9 : Shielded
∗13 : Before Apr. 2010 Production
∗14 : From Apr. 2010 Production
∗15 : w/ VSC
∗16 : w/o VSC
∗17 : 3UR–FE

∗26 : w/ Navigation System
∗27 : Before Jan. 2012 Production
∗28 : From Jan. 2012 Production
∗29 : 1UR–FE
∗30 : 1VD–FTV w/ DPF
∗31 : 1VD–FTV w/o DPF
∗34 : 2UZ–FE, 1UR–FE, From Jan. 2012 Production 1GR–FE
∗35 : 1VD–FTV, Before Jan. 2012 Production 1GR–FE
∗36 : Except 1VD–FTV w/ DPF



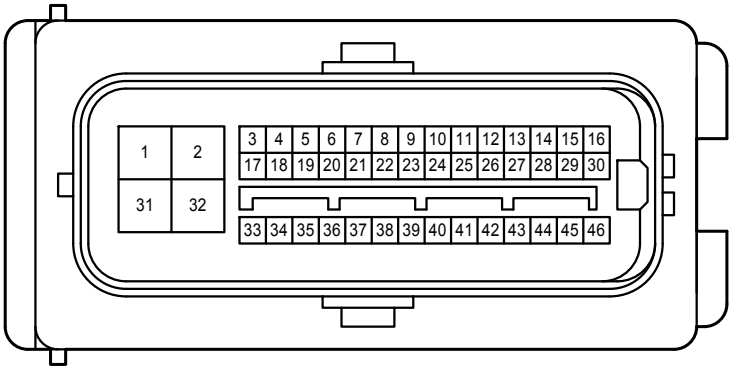
A 13
Black



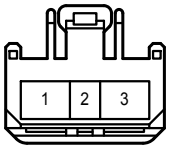
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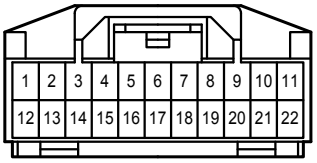
A 24
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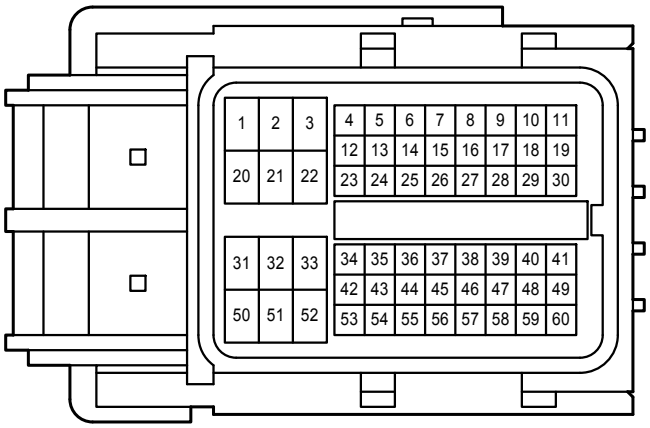
A 29
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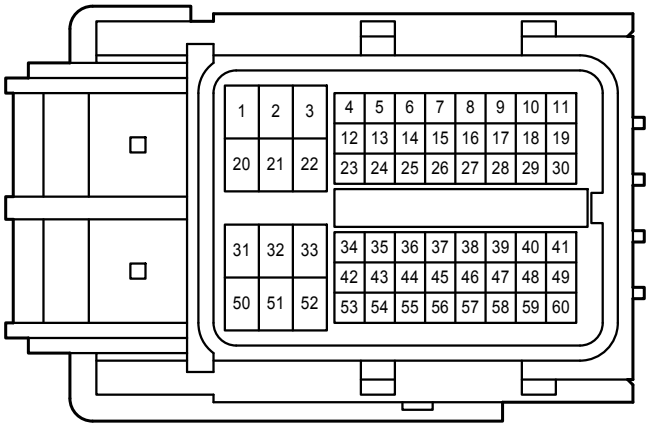
A 34
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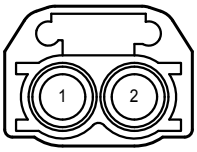
A 38
Black



A 52
Black



C 1
Black



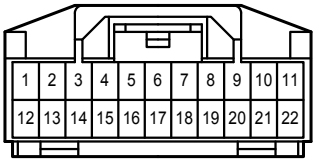
C 18
Dark Gray



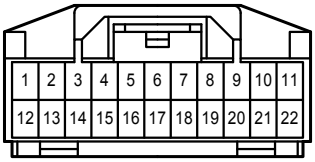
C 30
Gray



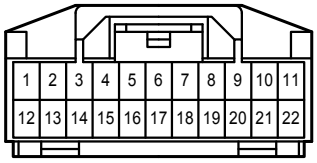
C 42
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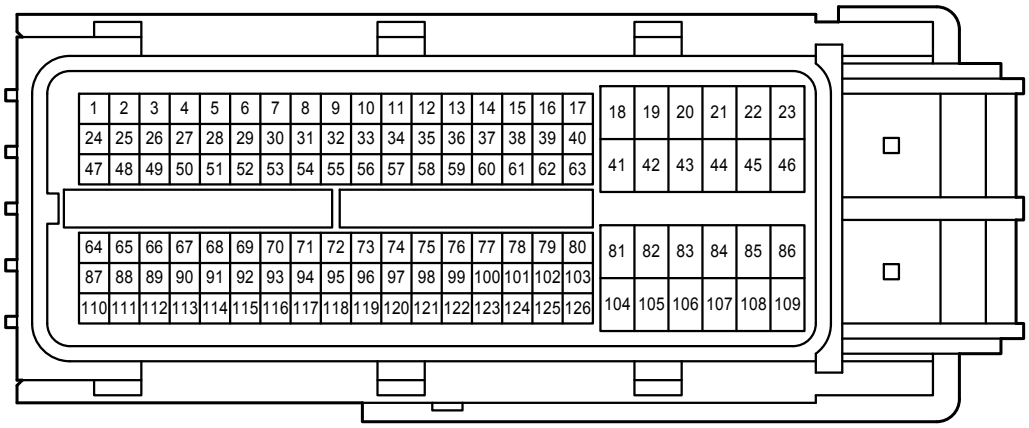
C 43
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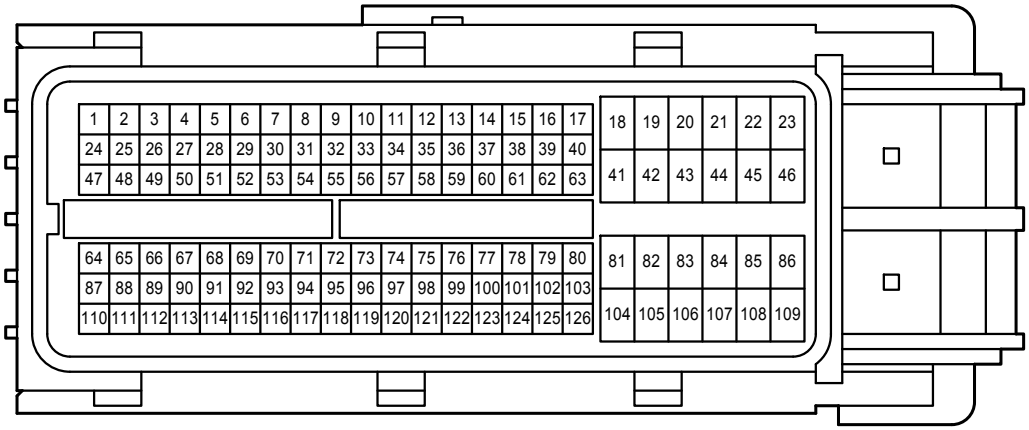
C 44
Blue



C 45
Black



C 46
Black



C 48
Dark Gray



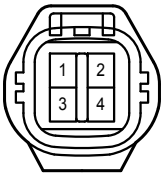
C 65
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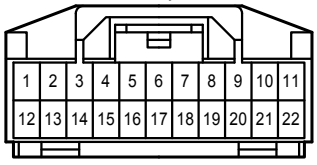
C 71
Gray



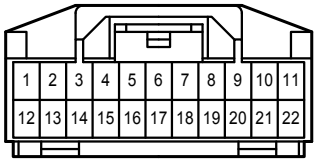
C 92
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C 94
Gray



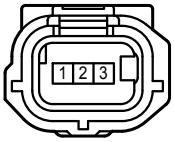
C 95
Black



C 98
Gray



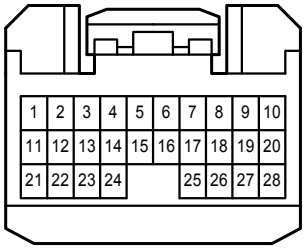
C114
Black



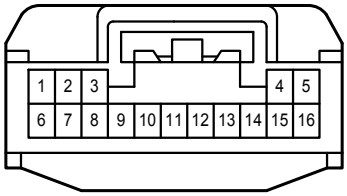
D 4
Black



E 2
White



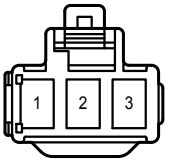
E 31
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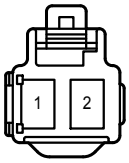
E 32
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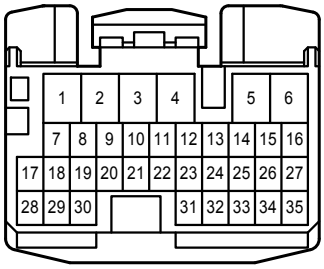
E 33
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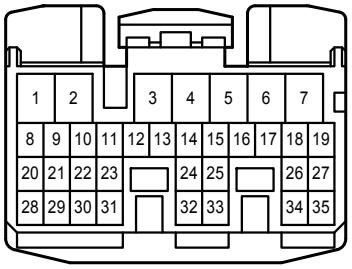
E 34
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E 35
White



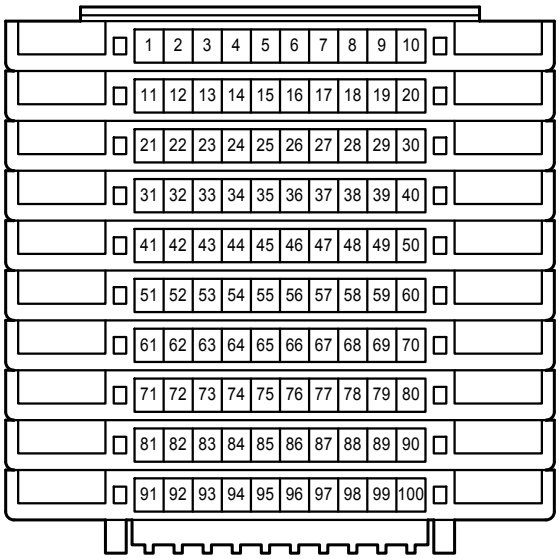
E 36
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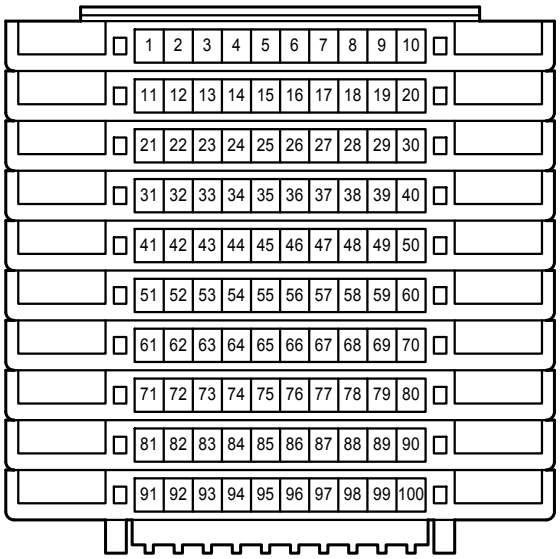
E 55
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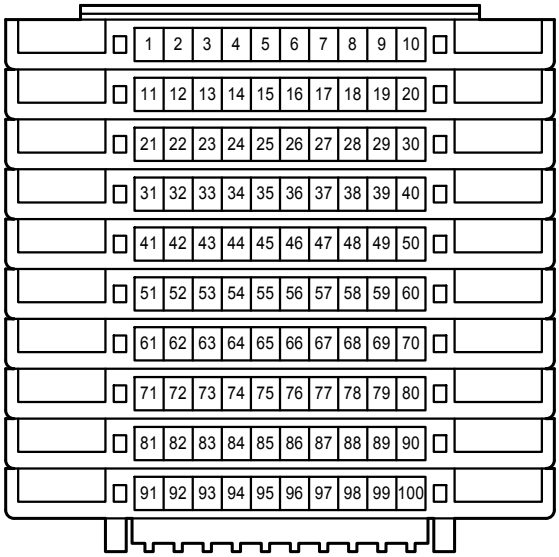
E 58



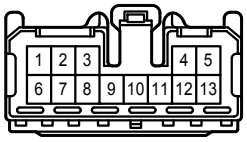
E 59



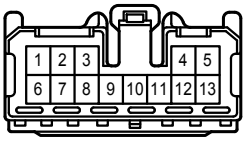
E 60



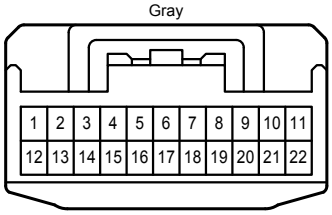
E 62
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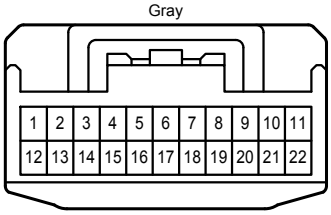
E 66
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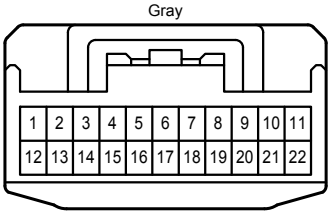
E 68
Gray



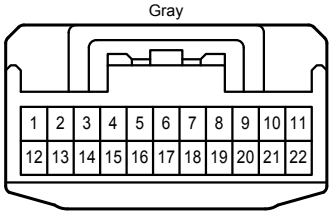
E 69
Gray



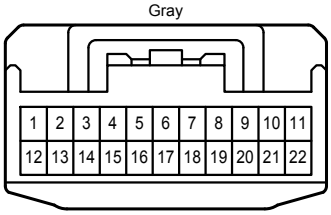
E 71
Gray



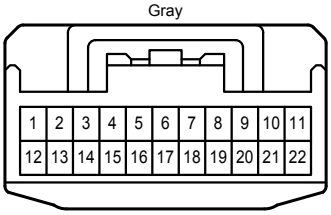
E 72
Gray



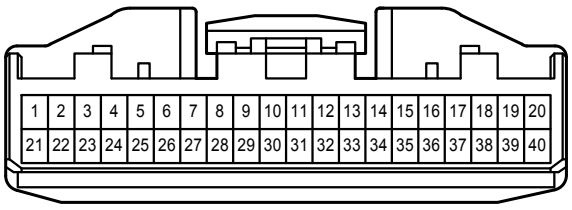
E 74
Gray



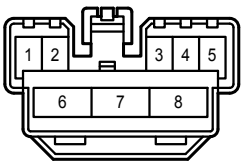
E 75
Gray



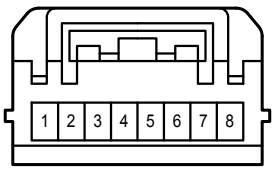
E 81
White



E 89
Black



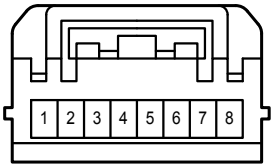
E 97
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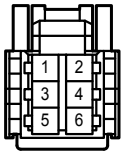
E110
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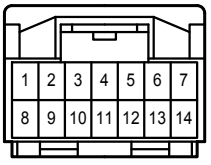
E112
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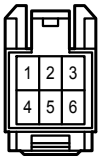
F 9
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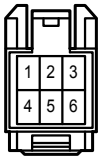
F 10
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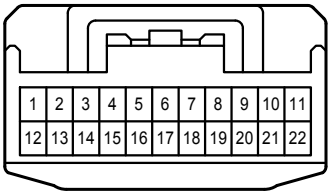
F 16
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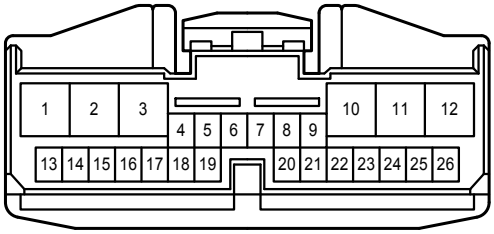
F 17
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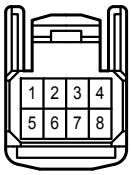
F 21
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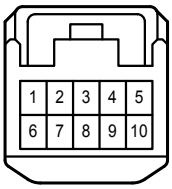
F 28
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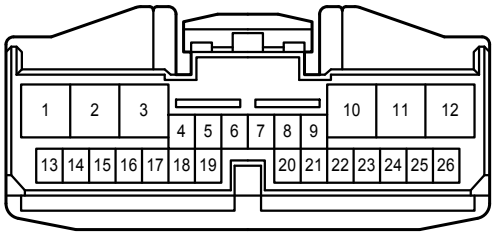
F 31
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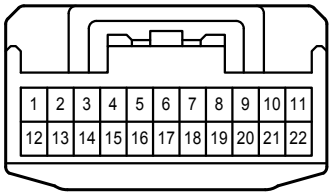
F 63
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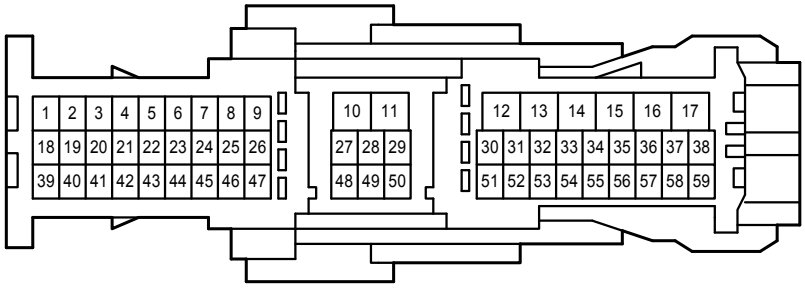
F 64
White



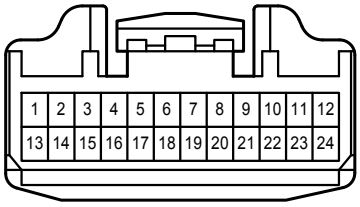
F 73
Blue



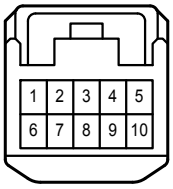
F 77
White



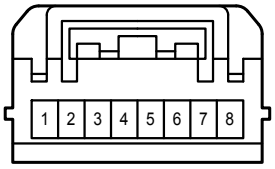
F 79
White



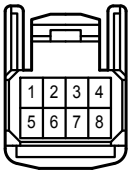
F 90
White



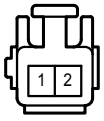
G 8
Black



K 19
White



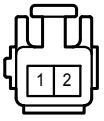
K 21
Black



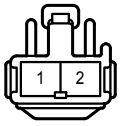
K 31
White



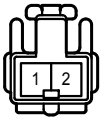
L 12
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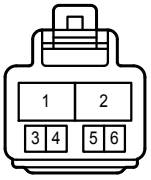
z 49
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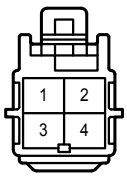
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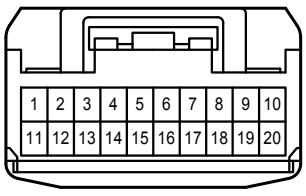
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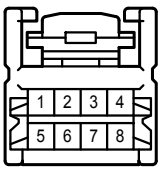
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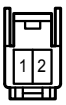
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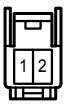
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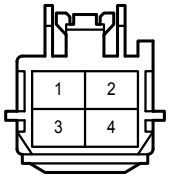
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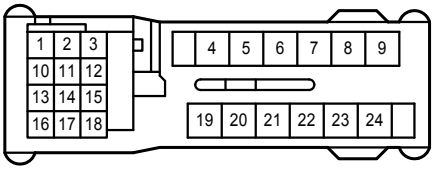
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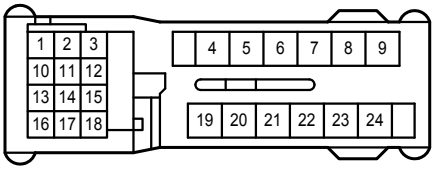
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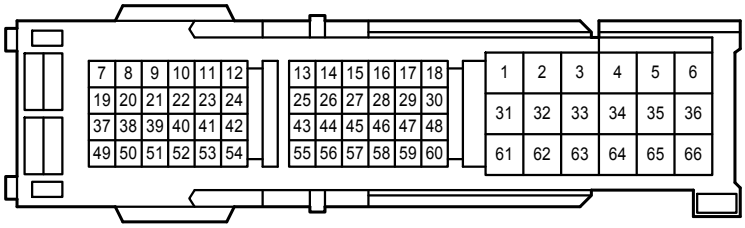
2B
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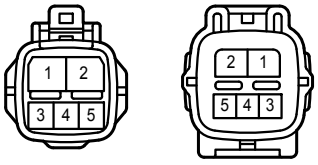
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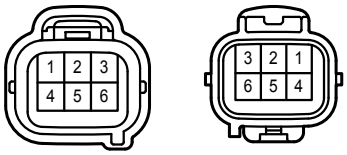
2D
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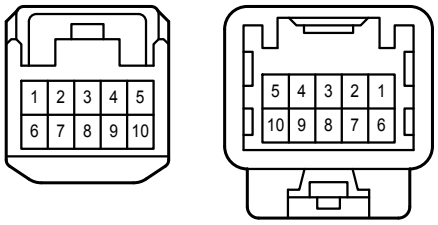
AA1
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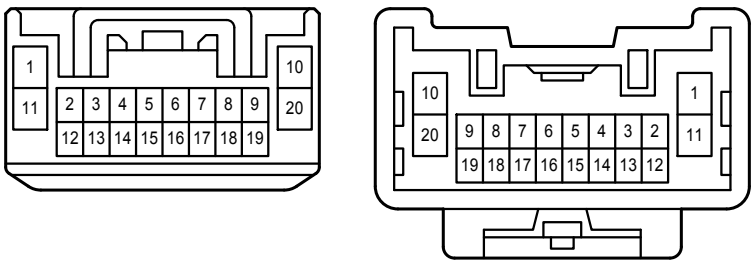
AD1
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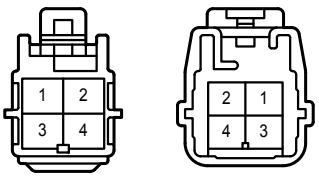
AE3
Gray



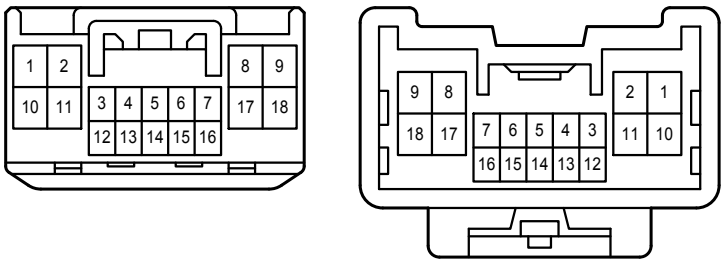
AK1
Blue



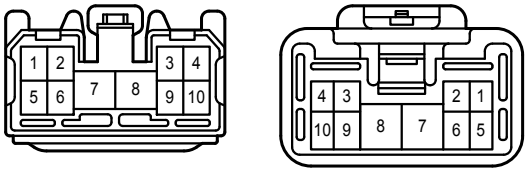
AK3
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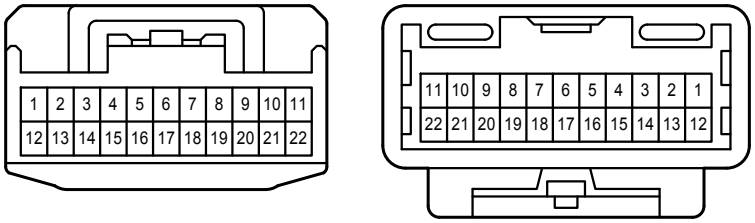
CA1
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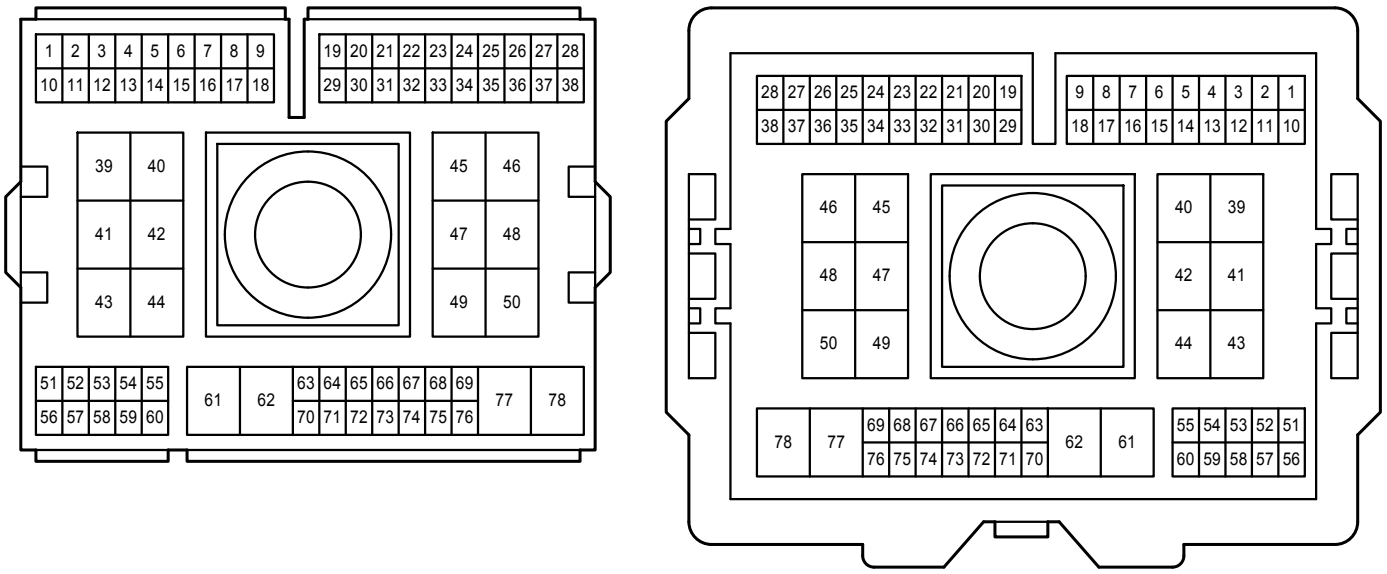
CA2
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CA4
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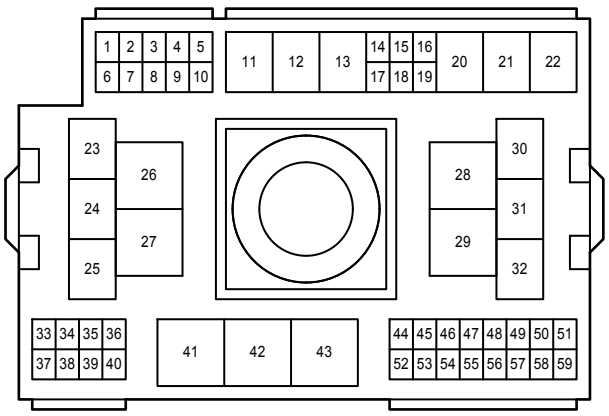


EA1
White

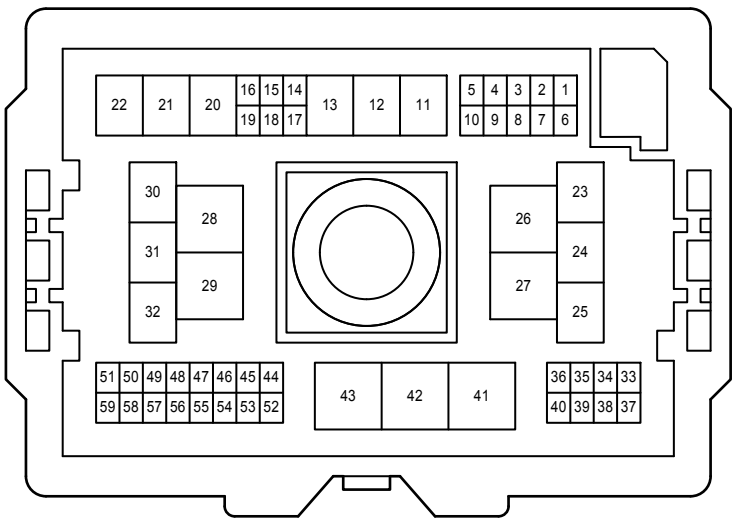


EA2

White

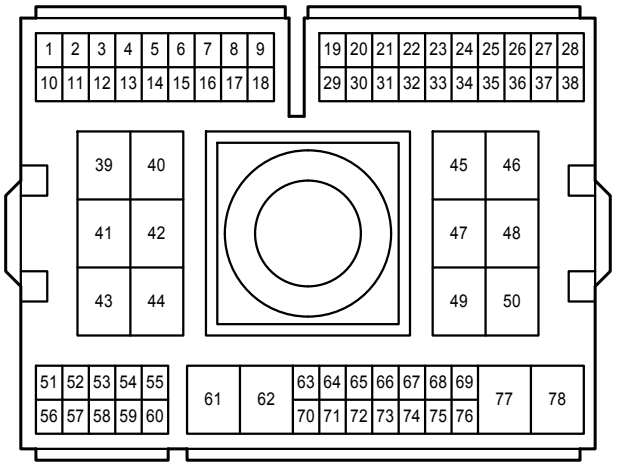


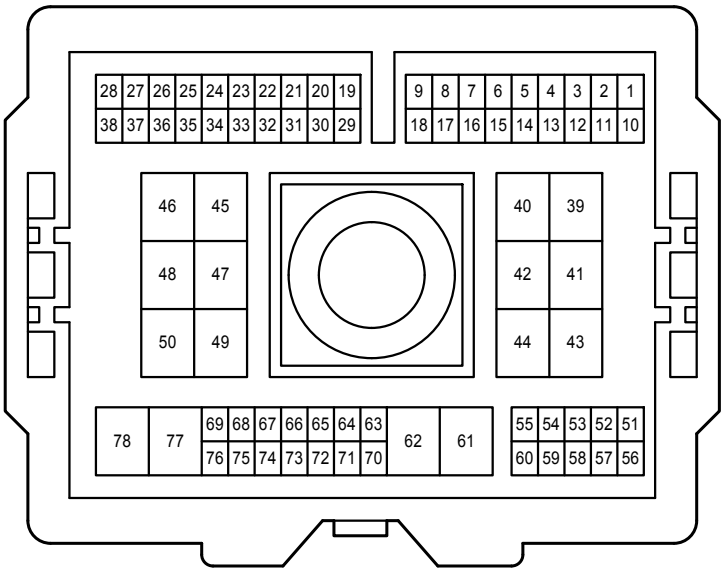
Gray



EA3

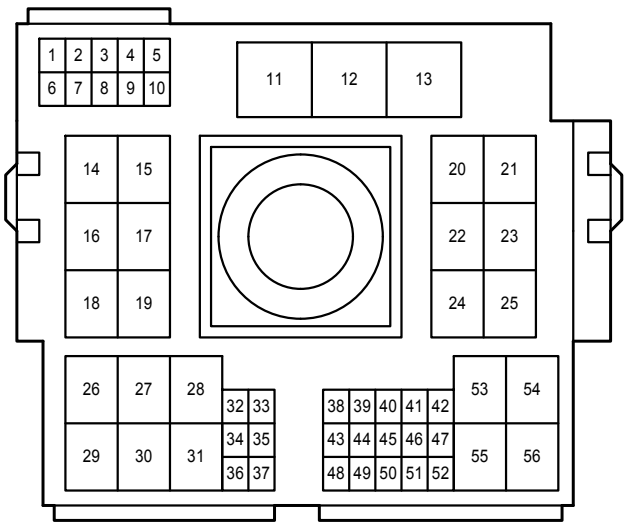
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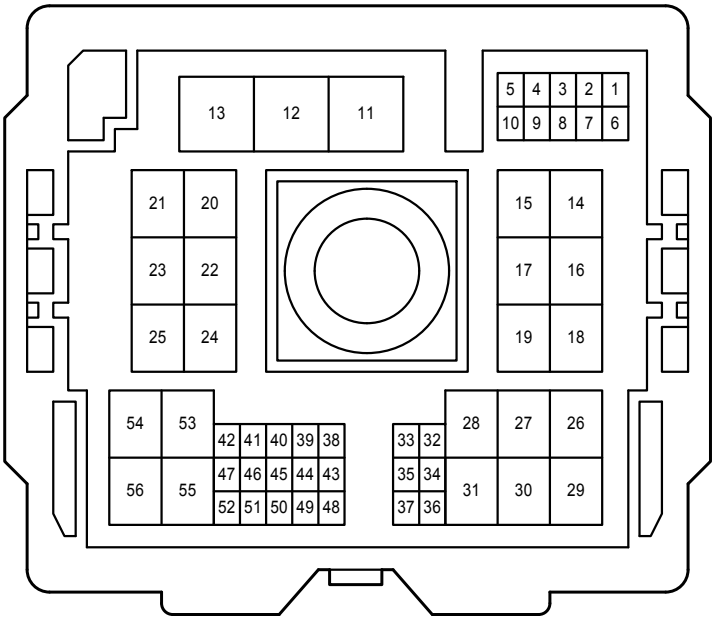


EK1

White

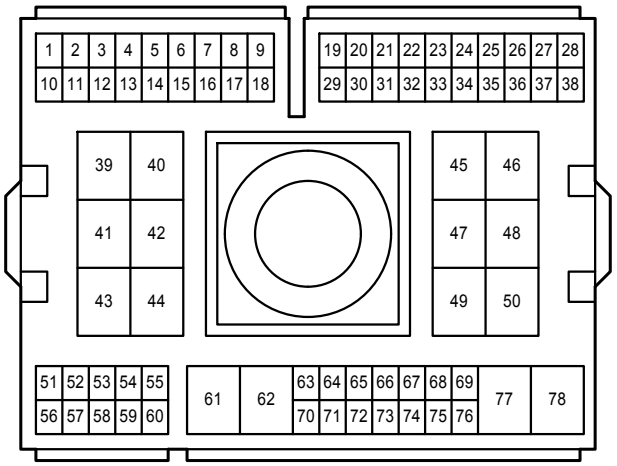


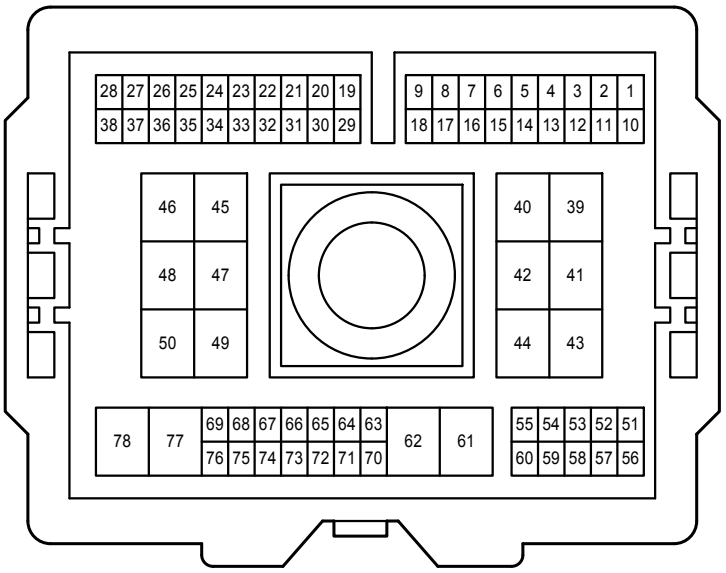
Blue



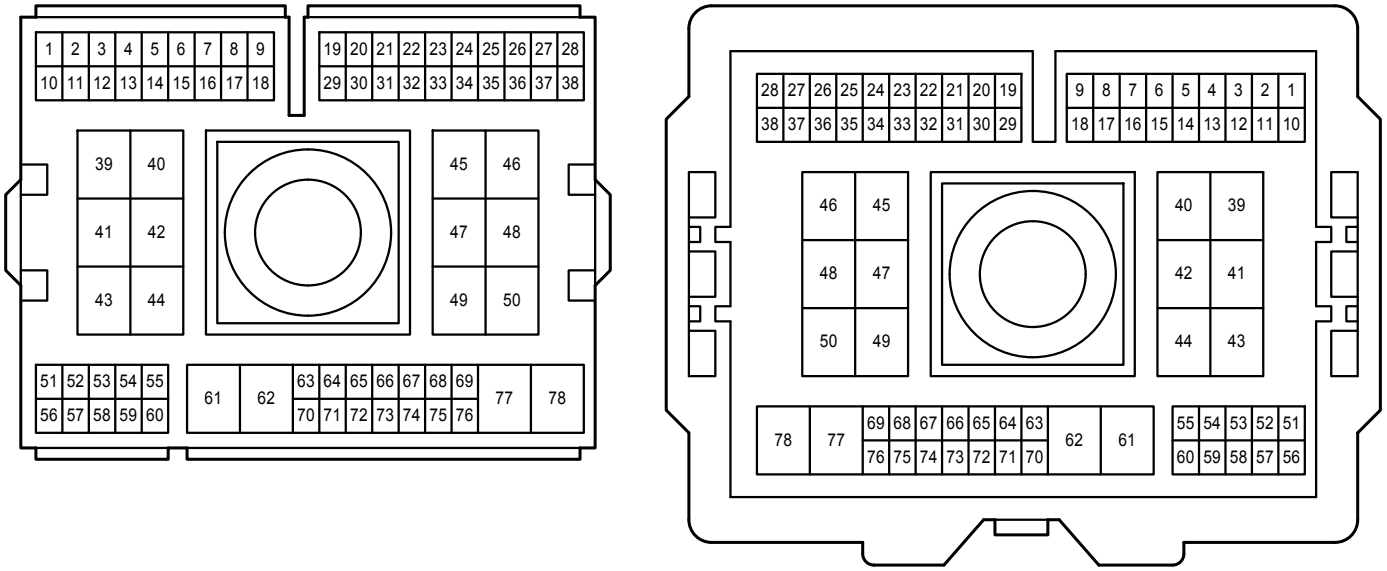
EK2

White

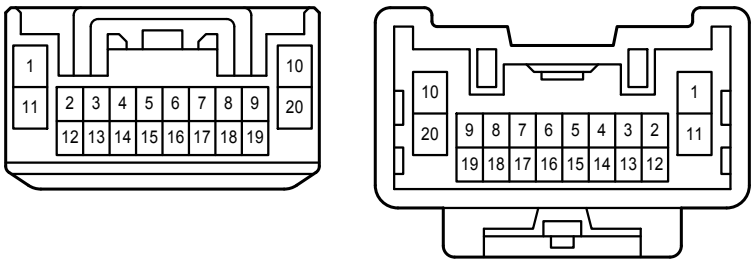




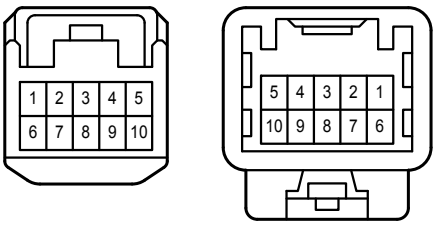
EL1
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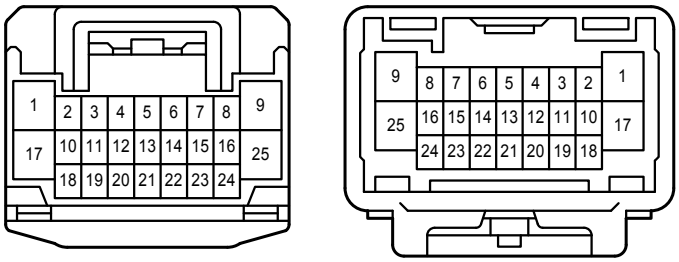
FE4
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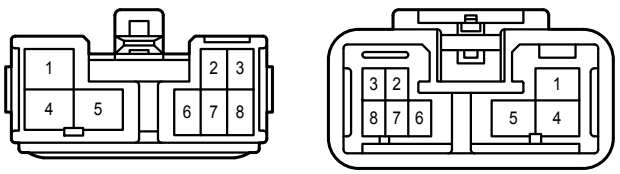
FE6
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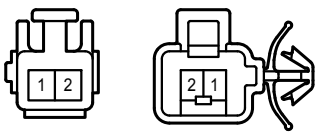
GE2
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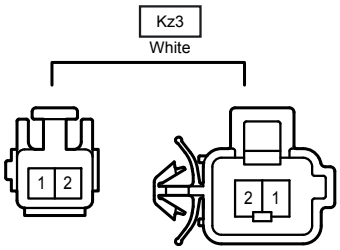


Kz1
Blue



Kz2
White




Kz3
White
1
2
2
1