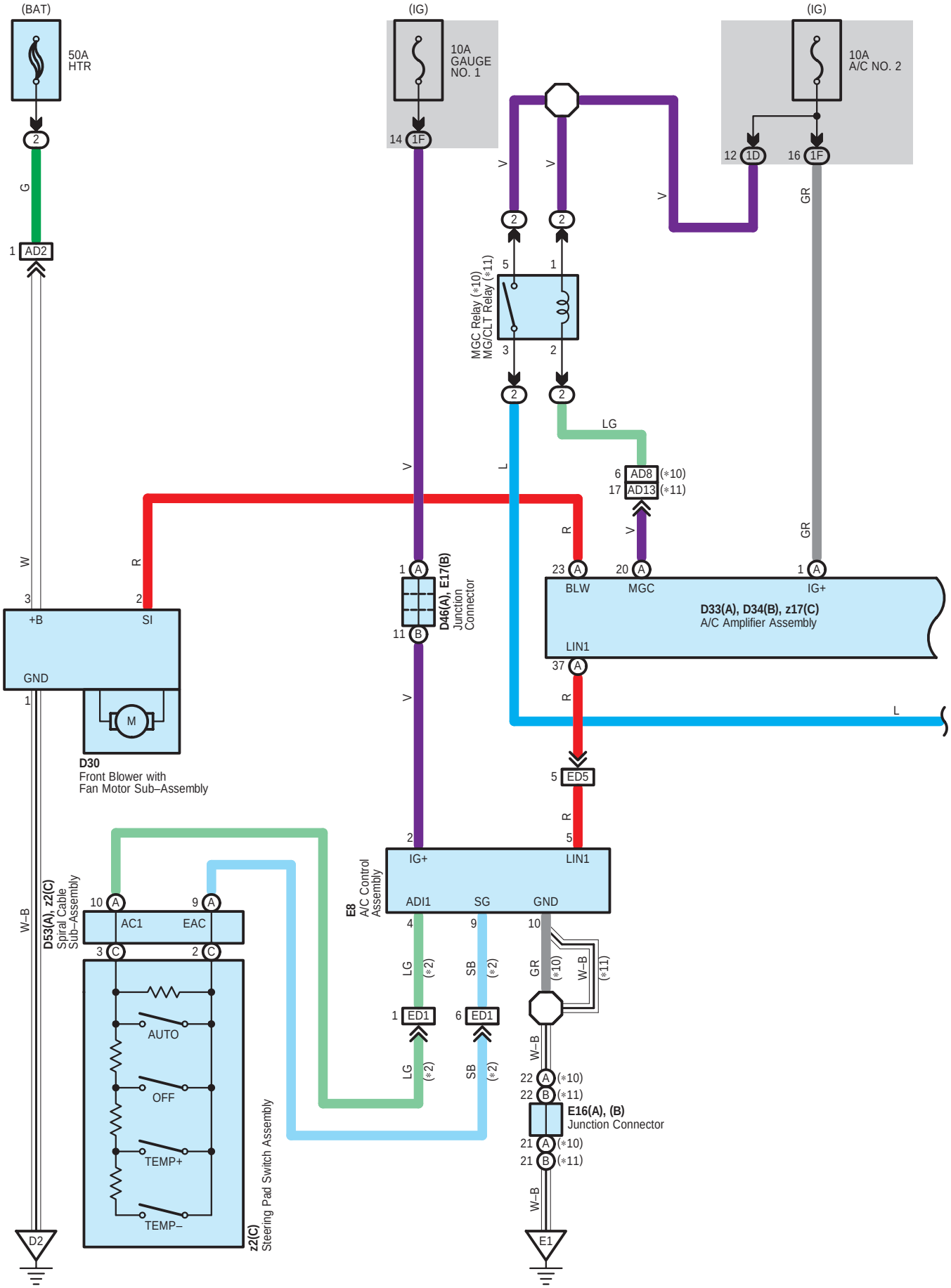
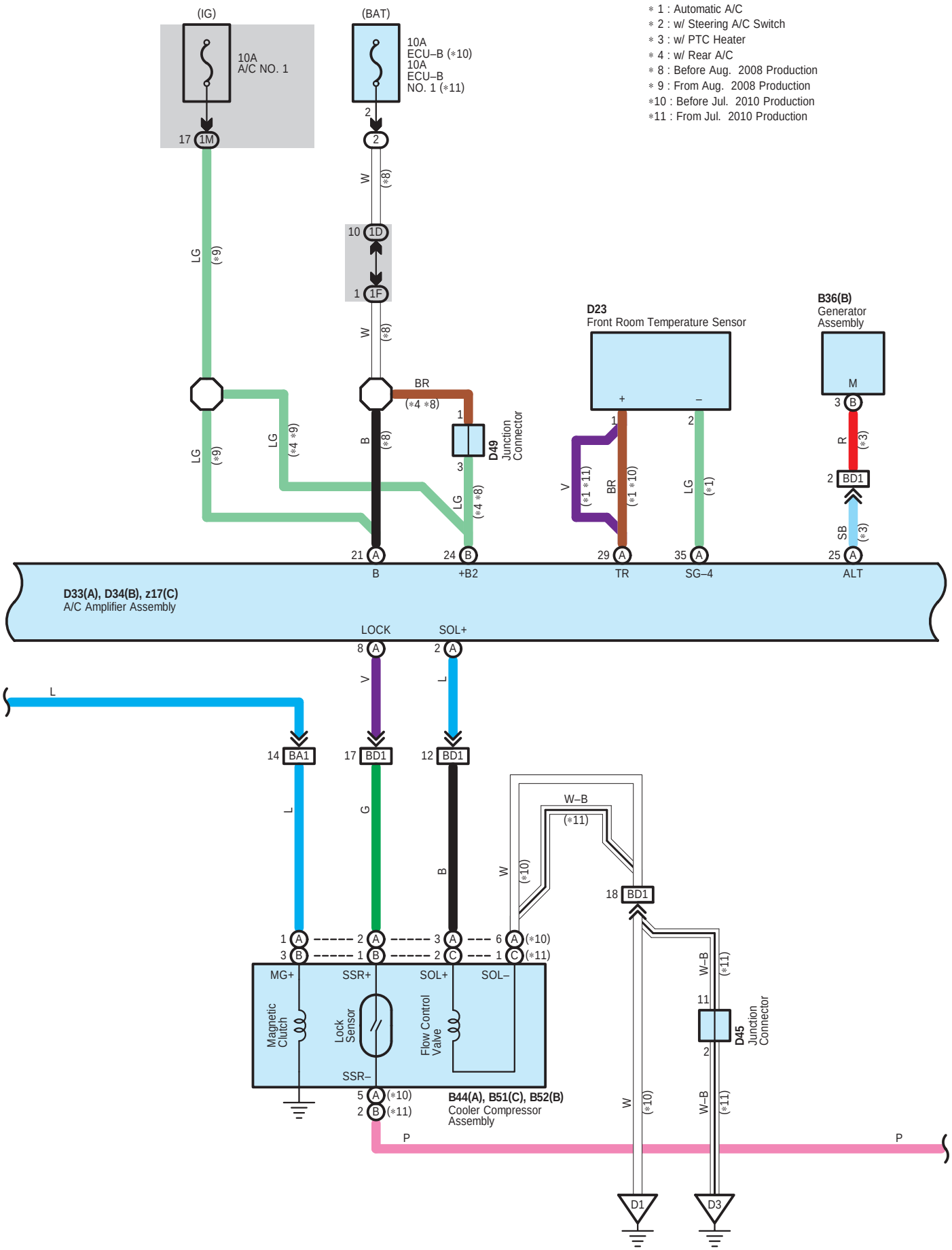
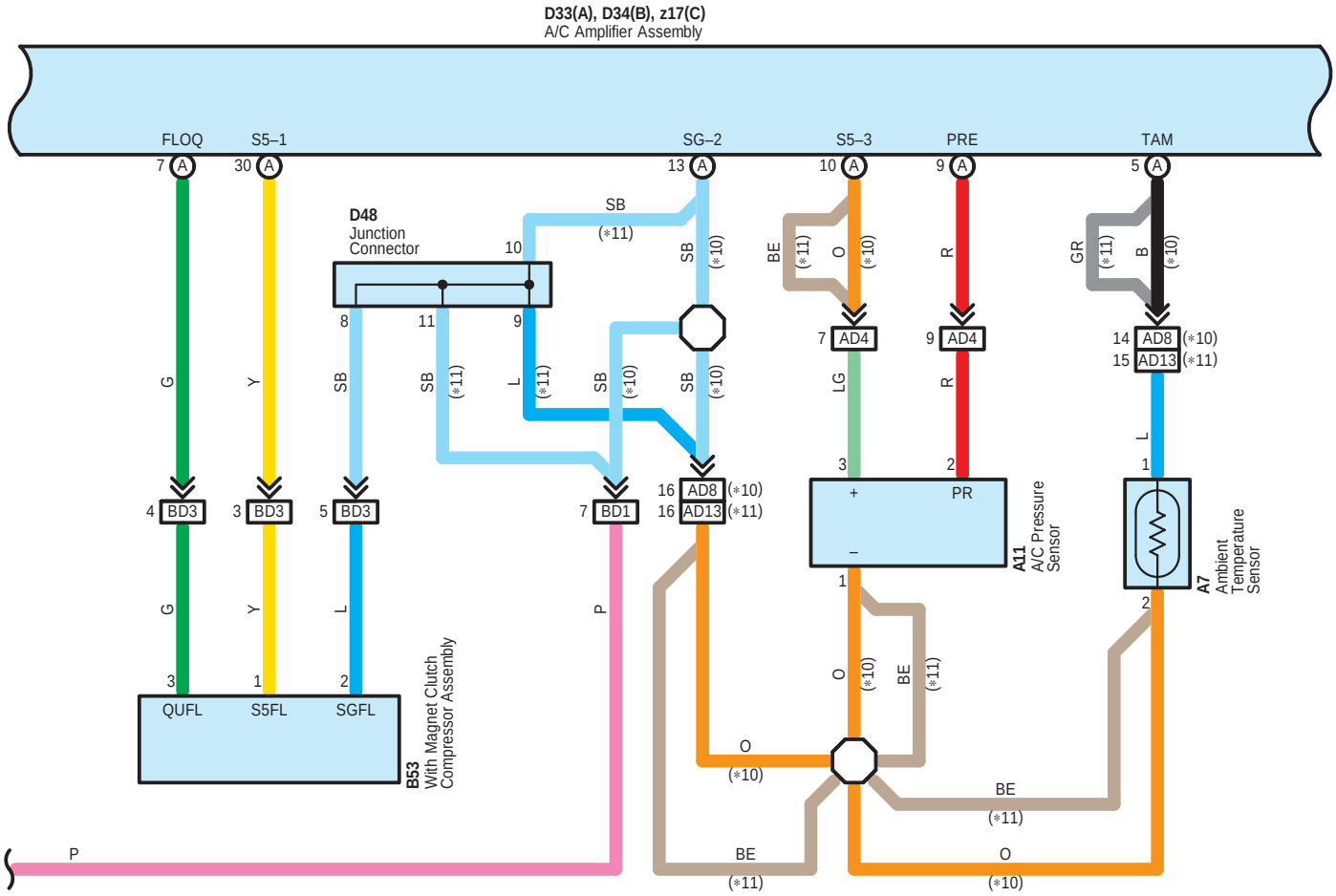
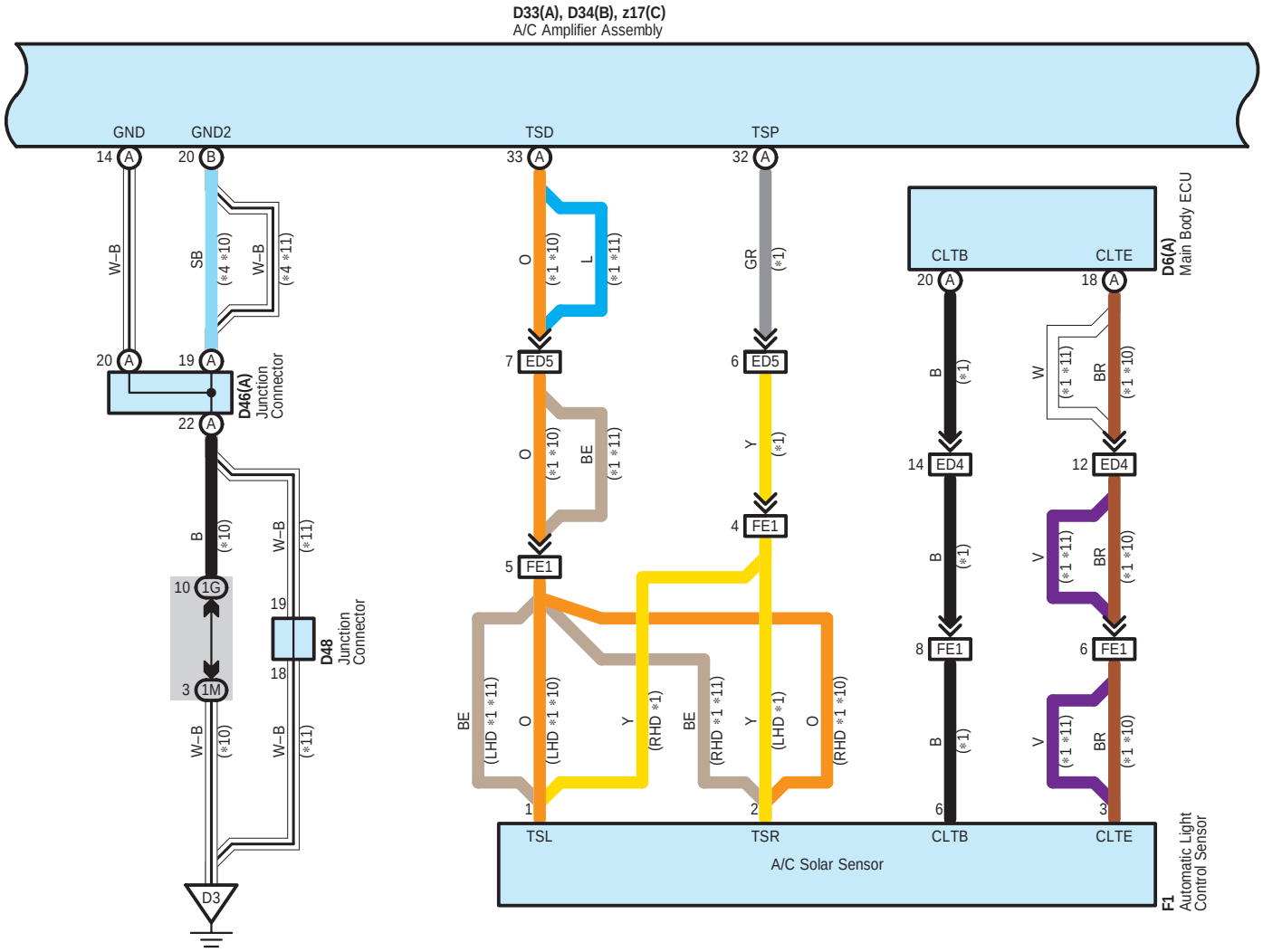

(BAT)
50A
HTR
2
G
1 AD2
(IG)
10A
GAUGE
NO. 1
14 1F
(IG)
10A
A/C NO. 2
12 1D
16 1F
GR
V
2
5
1
3
MGC Relay (*10)
MG/CLT Relay (*11)
LG
6 AD8 (*10)
17 AD13 (*11)
W
R
L
3
2
+B
SI
GND
1
M
D30
Front Blower with
Fan Motor Sub–Assembly
1 A
11 B
D46(A), E17(B)
Junction
Connector
23 A
20 A
1 A
BLW
MGC
IG+
D33(A), D34(B), z17(C)
A/C Amplifier Assembly
LIN1
37 A
5 ED5
2
5
IG+
LIN1
ADI1
SG
GND
E8
A/C Control
Assembly
4
9
10
LG
SB
GR
(*2)
(*10)
W–B
(*11)
1 ED1
6 ED1
22 A (*10)
22 B (*11)
E16(A), (B)
Junction Connector
21 A (*10)
21 B (*11)
W–B
E1
10 A
9 A
AC1
EAC
3 C
2 C
D53(A), z2(C)
Spiral Cable
Sub–Assembly
AUTO
OFF
TEMP+
TEMP–
z2(C)
Steering Pad Switch Assembly
D2

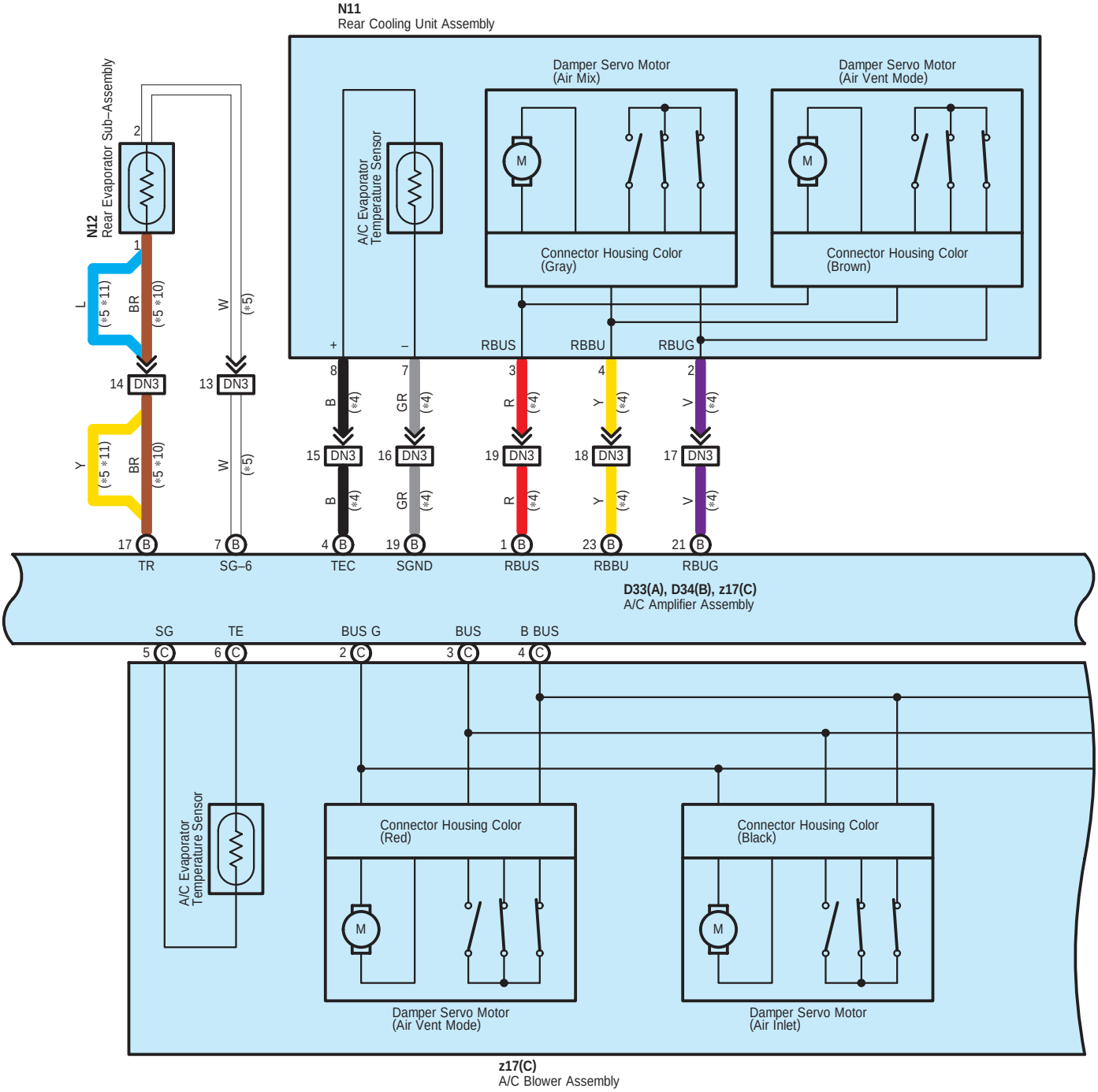

∗ 1 : Automatic A/C
∗ 2 : w/ Steering A/C Switch
∗ 3 : w/ PTC Heater
∗ 4 : w/ Rear A/C
∗ 8 : Before Aug. 2008 Production
∗ 9 : From Aug. 2008 Production
∗10 : Before Jul. 2010 Production
∗11 : From Jul. 2010 Production
(IG)
(BAT)
10A
A/C NO. 1
10A
ECU–B (∗10)
10A
ECU–B
NO. 1 (∗11)
17 1M
2
2
10 1D
1 1F
W
(∗8)
LG
(∗9)
BR
(∗4 ∗8)
B
(∗8)
LG
(∗4 ∗9)
1
3
D49
Junction
Connector
LG
(∗4 ∗8)
D23
Front Room Temperature Sensor
+
–
1
2
V
(∗1 ∗11)
BR
(∗1 ∗10)
LG
(∗1)
B36(B)
Generator
Assembly
M
3 B
R
(∗3)
2 BD1
SB
(∗3)
21 A
B
24 B
+B2
29 A
TR
35 A
SG–4
25 A
ALT
D33(A), D34(B), z17(C)
A/C Amplifier Assembly
LOCK
SOL+
8 A
2 A
V
L
L
14 BA1
17 BD1
12 BD1
L
G
B
W
(∗10)
W–B
(∗11)
18 BD1
1 A
3 B
2 A
1 B
3 A
2 C
6 A
(∗10)
1 C
(∗11)
MG+
SSR+
SOL+
SOL–
Magnetic
Clutch
Lock
Sensor
Flow Control
Valve
SSR–
5 A
(∗10)
2 B
(∗11)
B44(A), B51(C), B52(B)
Cooler Compressor
Assembly
W–B
(∗11)
11
2
D45
Junction
Connector
W
(∗10)
W–B
(∗11)
P
P
D1
D3

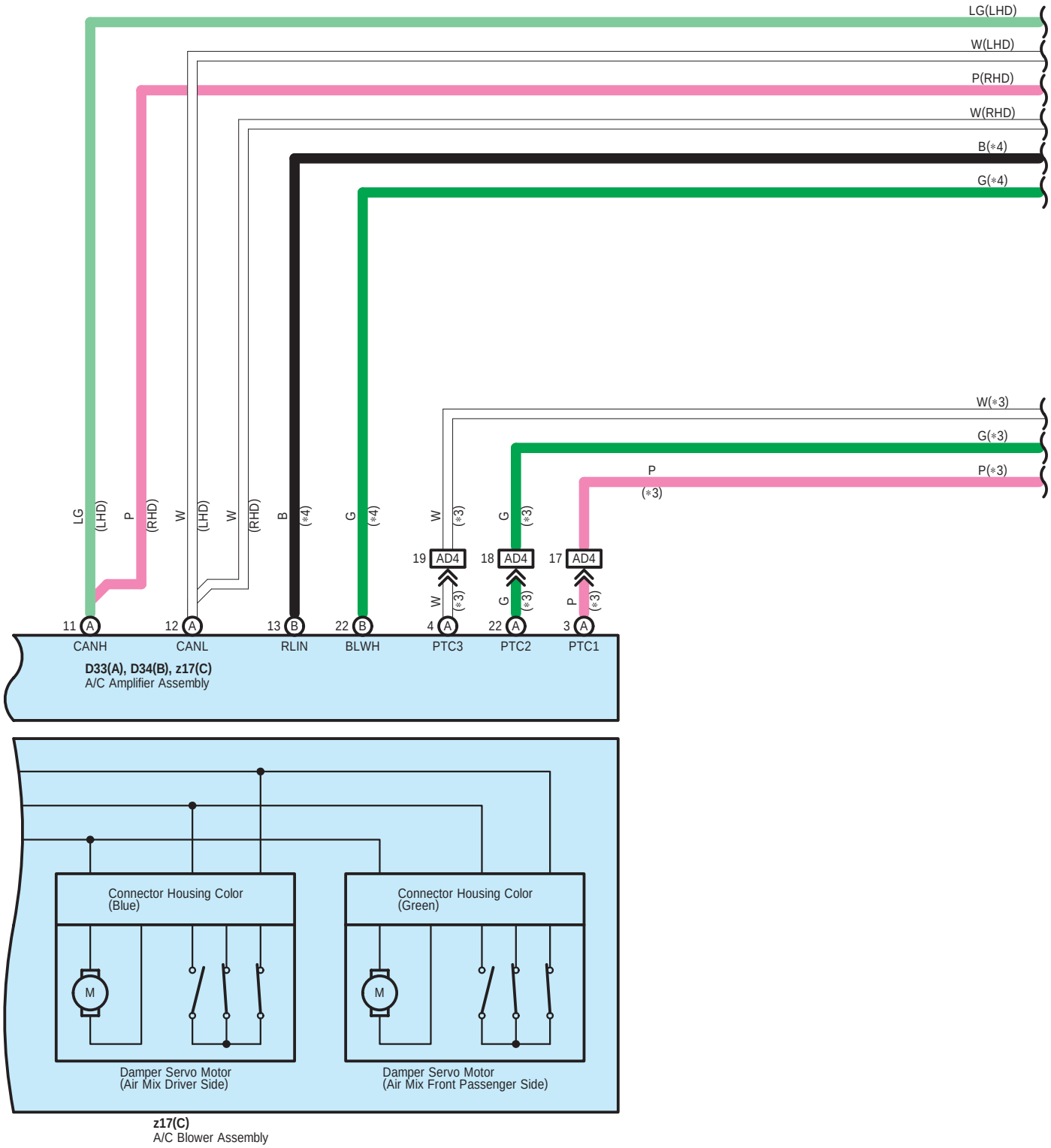

D33(A), D34(B), z17(C)
A/C Amplifier Assembly
FLOQ
S5–1
SG–2
S5–3
PRE
TAM
D48
Junction
Connector
BD3
BD1
AD4
AD8
AD13
QUFL
S5FL
SGFL
B53
With Magnet Clutch
Compressor Assembly
A11
A/C Pressure
Sensor
A7
Ambient
Temperature
Sensor
(*10)
(*11)

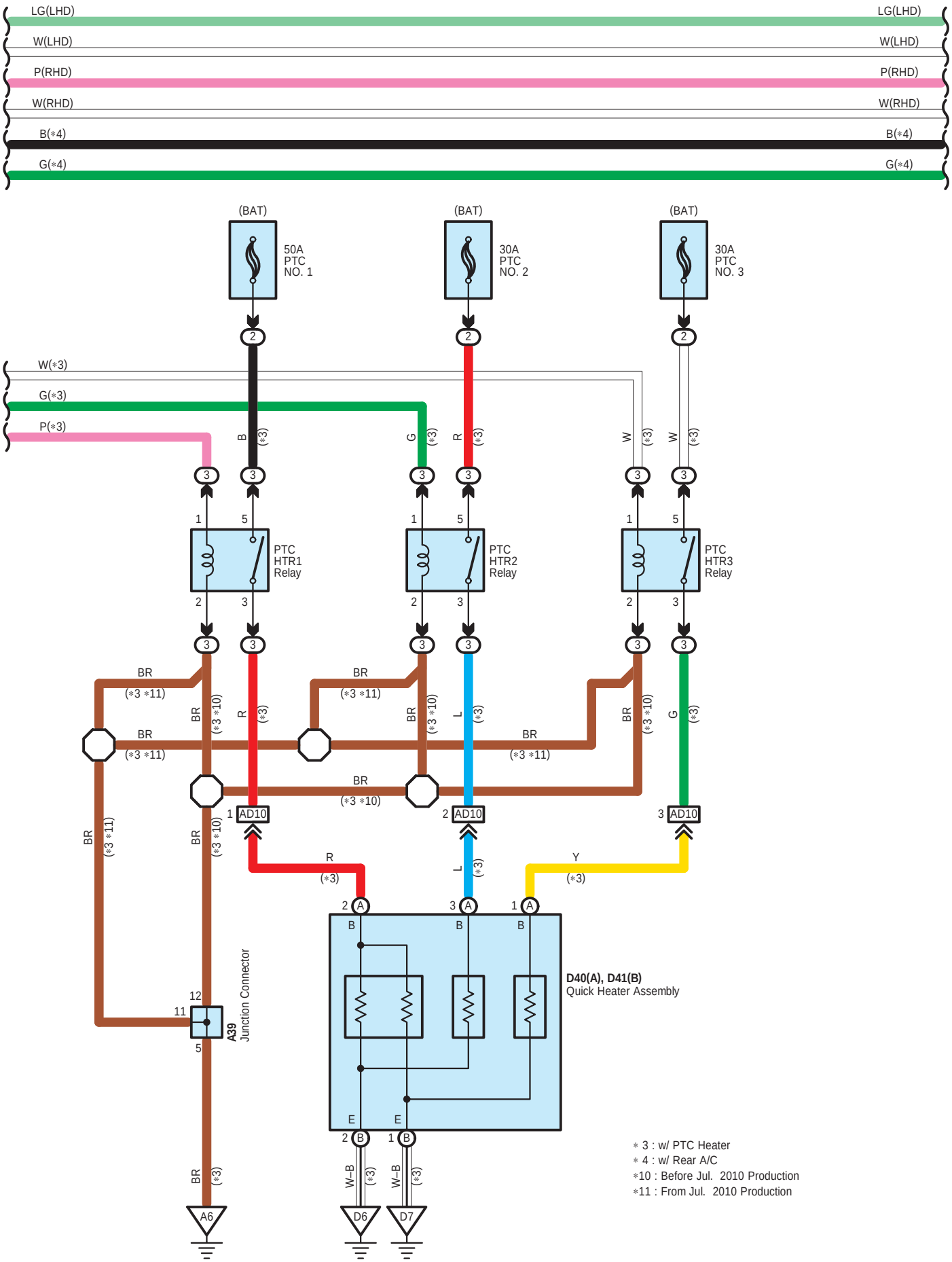
∗ 1 : Automatic A/C
∗ 4 : w/ Rear A/C
∗10 : Before Jul. 2010 Production
∗11 : From Jul. 2010 Production

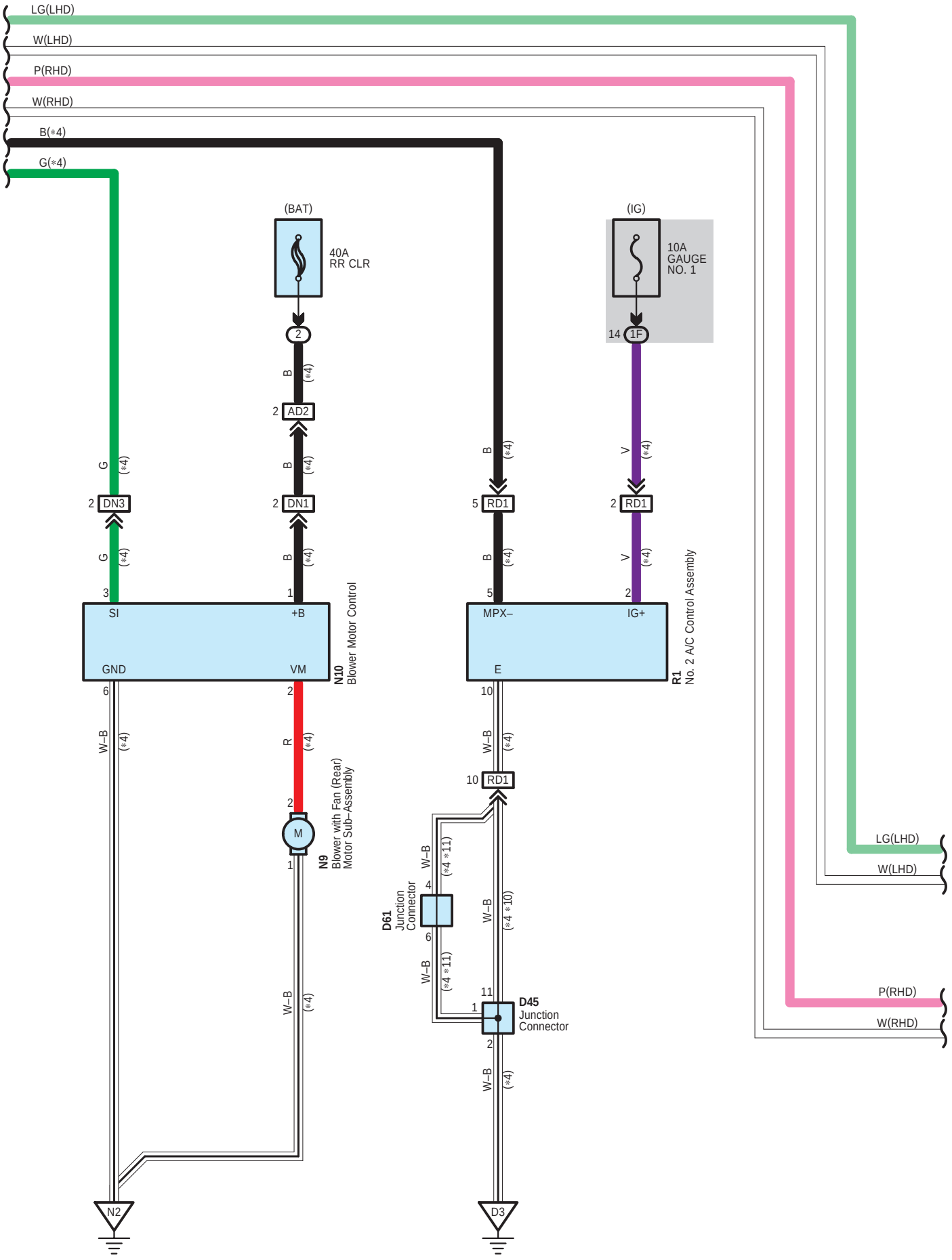


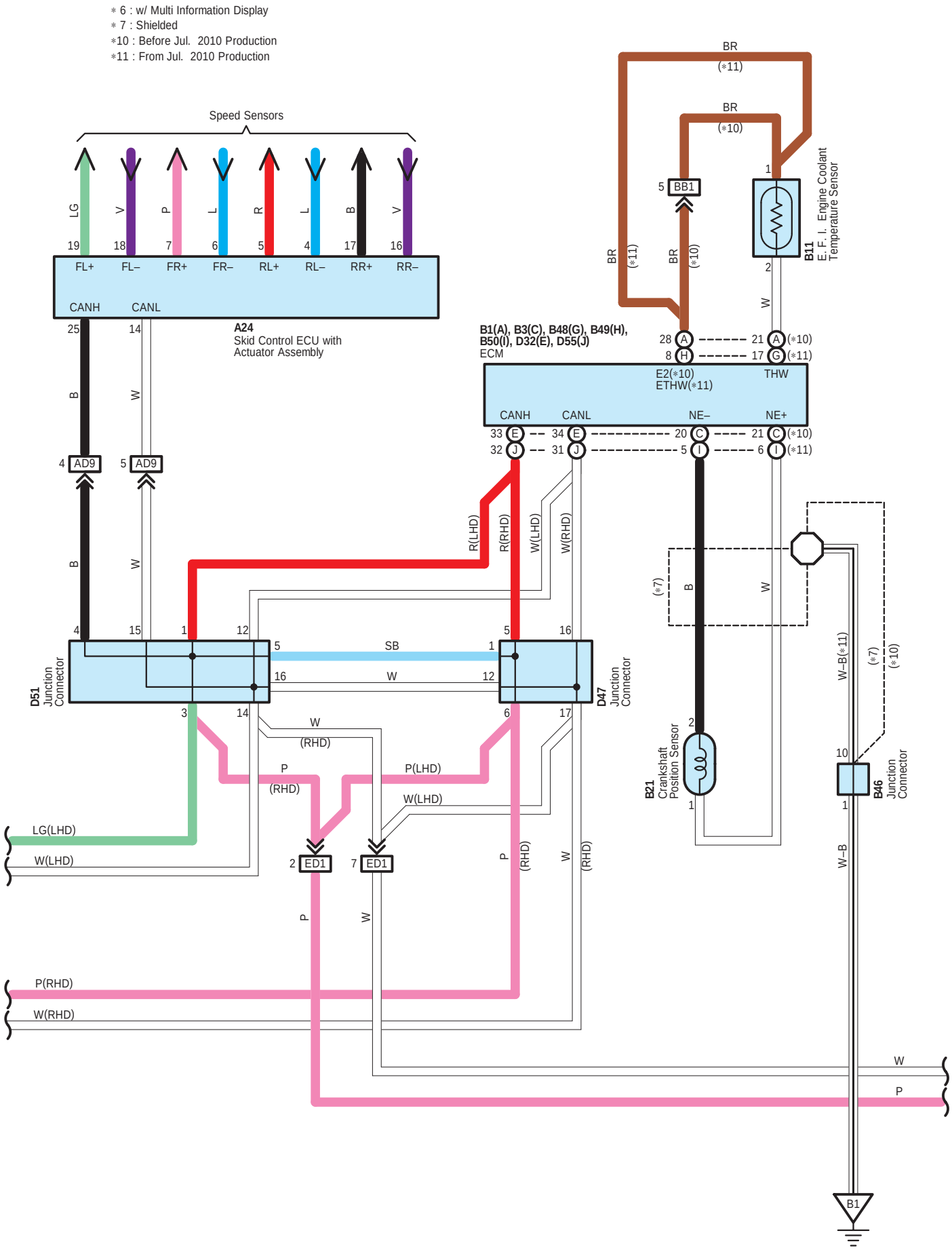
∗ 3 : w/ PTC Heater
∗ 4 : w/ Rear A/C
∗ 5 : w/ Rear Automatic A/C
∗10 : Before Jul. 2010 Production
∗11 : From Jul. 2010 Production

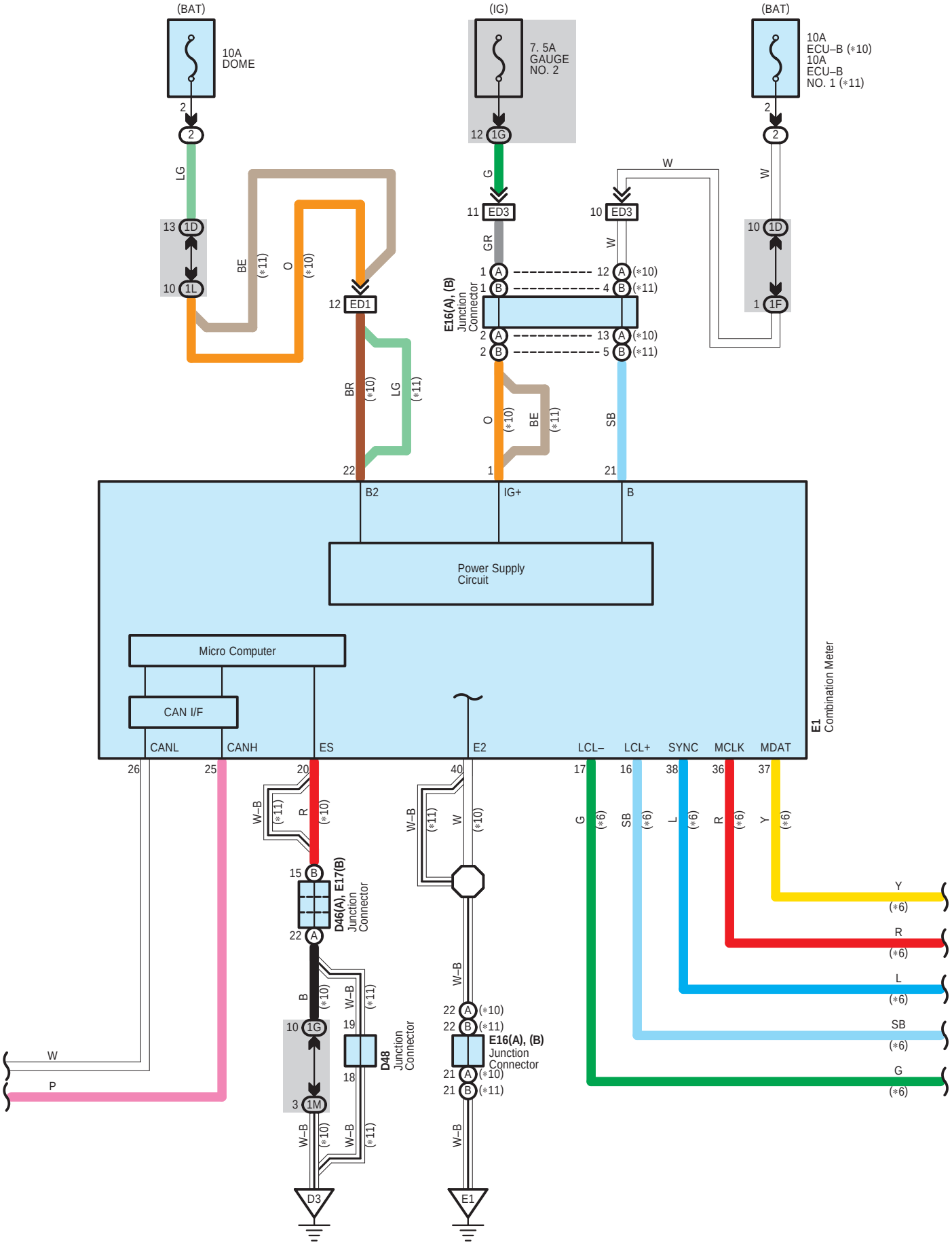


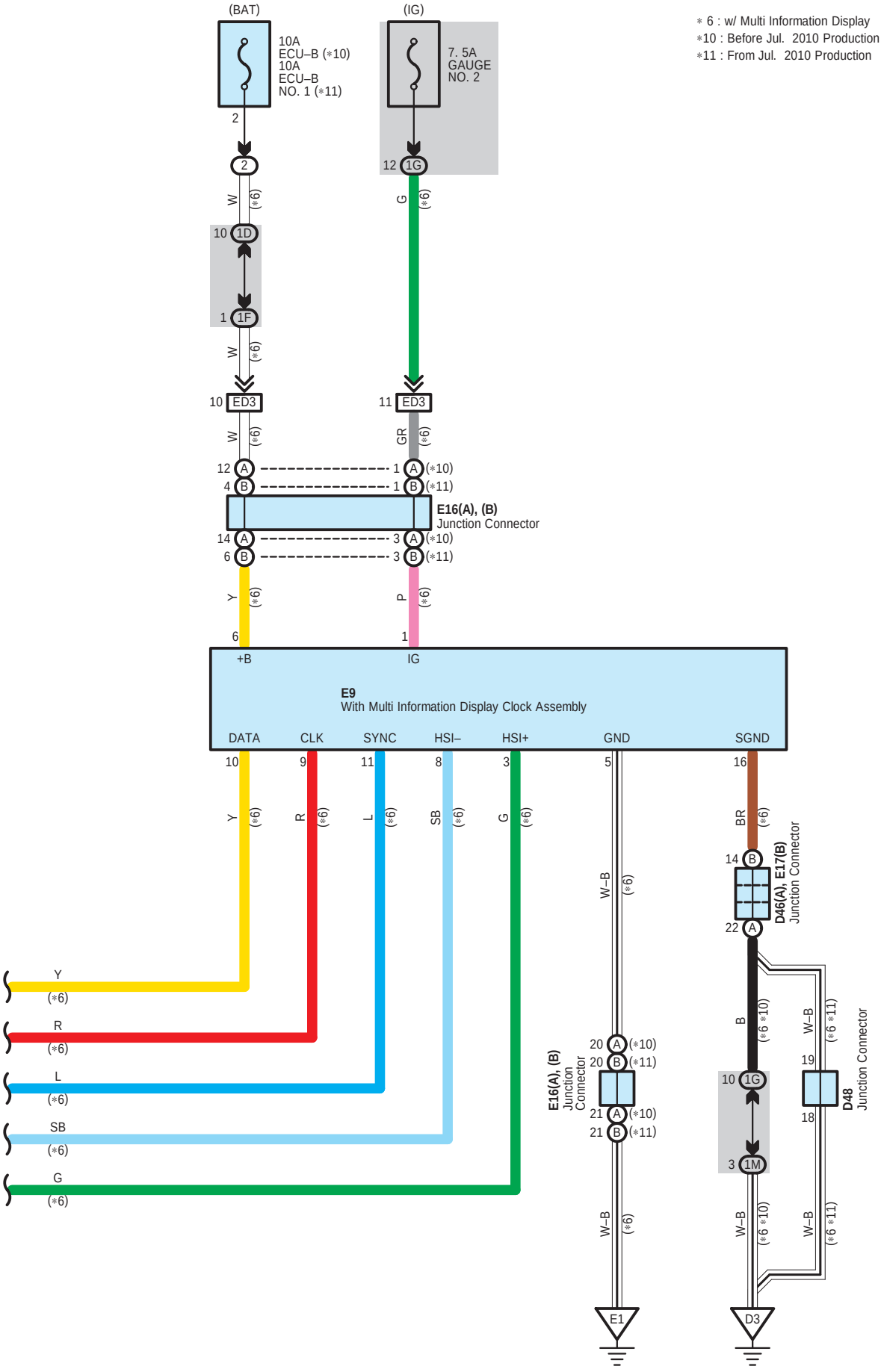

LG(LHD)
W(LHD)
P(RHD)
W(RHD)
B(*4)
G(*4)
W(*3)
G(*3)
P(*3)
P
(*3)
LG
(LHD)
P
(RHD)
W
(LHD)
W
(RHD)
B
(*4)
G
(*4)
W
(*3)
G
(*3)
19 AD4
18 AD4
17 AD4
W
(*3)
G
(*3)
P
(*3)
11 A
12 A
13 B
22 B
4 A
22 A
3 A
CANH
CANL
RLIN
BLWH
PTC3
PTC2
PTC1
D33(A), D34(B), z17(C)
A/C Amplifier Assembly
Connector Housing Color
(Blue)
Connector Housing Color
(Green)
M
M
Damper Servo Motor
(Air Mix Driver Side)
Damper Servo Motor
(Air Mix Front Passenger Side)
z17(C)
A/C Blower Assembly


LG(LHD)
W(LHD)
P(RHD)
W(RHD)
B(*4)
G(*4)
(BAT)
50A PTC NO. 1
30A PTC NO. 2
30A PTC NO. 3
W(*3)
G(*3)
P(*3)
PTC HTR1 Relay
PTC HTR2 Relay
PTC HTR3 Relay
BR (*3 *11)
BR (*3 *10)
AD10
R (*3)
L (*3)
Y (*3)
A39 Junction Connector
D40(A), D41(B) Quick Heater Assembly
W-B (*3)
A6
D6
D7
* 3 : w/ PTC Heater
* 4 : w/ Rear A/C
*10 : Before Jul. 2010 Production
*11 : From Jul. 2010 Production


LG(LHD)
W(LHD)
P(RHD)
W(RHD)
B(*4)
G(*4)
(BAT)
40A
RR CLR
(IG)
10A
GAUGE
NO. 1
14 1F
2
B (*4)
2 AD2
B (*4)
2 DN1
B (*4)
1
G (*4)
2 DN3
G (*4)
3
SI
+B
GND
VM
N10
Blower Motor Control
6
W–B (*4)
2
R (*4)
2
M
1
N9
Blower with Fan (Rear)
Motor Sub–Assembly
W–B (*4)
N2
B (*4)
5 RD1
B (*4)
5
MPX–
E
V (*4)
2 RD1
V (*4)
2
IG+
R1
No. 2 A/C Control Assembly
10
W–B (*4)
10 RD1
W–B (*4 *11)
4
D61
Junction
Connector
6
W–B (*4 *11)
W–B (*4 *10)
11
1
D45
Junction
Connector
2
W–B (*4)
D3
LG(LHD)
W(LHD)
P(RHD)
W(RHD)


∗ 6 : w/ Multi Information Display
∗ 7 : Shielded
∗10 : Before Jul. 2010 Production
∗11 : From Jul. 2010 Production
Speed Sensors
LG
V
P
L
R
L
B
V
19
18
7
6
5
4
17
16
FL+
FL–
FR+
FR–
RL+
RL–
RR+
RR–
CANH
CANL
25
14
A24
Skid Control ECU with Actuator Assembly
B
W
4 AD9
5 AD9
BR (∗11)
BR (∗10)
5 BB1
1
B11
E. F. I. Engine Coolant Temperature Sensor
2
W
B1(A), B3(C), B48(G), B49(H), B50(I), D32(E), D55(J)
ECM
28 A
8 H
21 A (∗10)
17 G (∗11)
E2(∗10)
ETHW(∗11)
THW
CANH
CANL
NE–
NE+
33 E
32 J
34 E
31 J
20 C
5 I
21 C (∗10)
6 I (∗11)
R(LHD)
R(RHD)
W(LHD)
W(RHD)
(∗7)
B
W
4
15
1
12
5
SB
1
16
W
12
5
16
D51
Junction Connector
D47
Junction Connector
3
14
6
17
W
(RHD)
P
(RHD)
P(LHD)
W(LHD)
LG(LHD)
W(LHD)
2 ED1
7 ED1
P
(RHD)
W
(RHD)
P
W
P(RHD)
W(RHD)
2
1
B21
Crankshaft Position Sensor
W–B(∗11)
(∗7)
(∗10)
10
1
B46
Junction Connector
W–B
W
P
B1

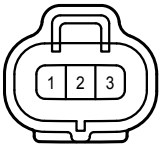

(BAT)
10A
DOME
2
2
LG
13 1D
10 1L
BE
(*11)
O
(*10)
12 ED1
BR
(*10)
LG
(*11)
22
(IG)
7. 5A
GAUGE
NO. 2
12 1G
G
11 ED3
GR
1 A
1 B
E16(A), (B)
Junction
Connector
2 A
2 B
O
(*10)
BE
(*11)
1
W
10 ED3
W
12 A (*10)
4 B (*11)
13 A (*10)
5 B (*11)
SB
21
(BAT)
10A
ECU–B (*10)
10A
ECU–B
NO. 1 (*11)
2
2
W
10 1D
1 1F
B2
IG+
B
Power Supply
Circuit
Micro Computer
CAN I/F
CANL
CANH
ES
E2
LCL–
LCL+
SYNC
MCLK
MDAT
E1
Combination Meter
26
25
20
40
17
16
38
36
37
W–B
(*11)
R
(*10)
W–B
(*11)
W
(*10)
G
(*6)
SB
(*6)
L
(*6)
R
(*6)
Y
(*6)
15 B
D46(A), E17(B)
Junction
Connector
22 A
B
(*10)
W–B
(*11)
10 1G
19
D48
Junction
Connector
18
3 1M
W–B
(*10)
W–B
(*11)
D3
W
P
22 A (*10)
22 B (*11)
E16(A), (B)
Junction
Connector
21 A (*10)
21 B (*11)
W–B
E1
Y
(*6)
R
(*6)
L
(*6)
SB
(*6)
G
(*6)


(BAT)
(IG)
10A
ECU–B (∗10)
10A
ECU–B
NO. 1 (∗11)
7. 5A
GAUGE
NO. 2
∗ 6 : w/ Multi Information Display
∗10 : Before Jul. 2010 Production
∗11 : From Jul. 2010 Production
E16(A), (B)
Junction Connector
E9
With Multi Information Display Clock Assembly
DATA
CLK
SYNC
HSI–
HSI+
GND
SGND
+B
IG
D46(A), E17(B)
Junction Connector
D48
Junction Connector
E16(A), (B)
Junction Connector
E1
D3

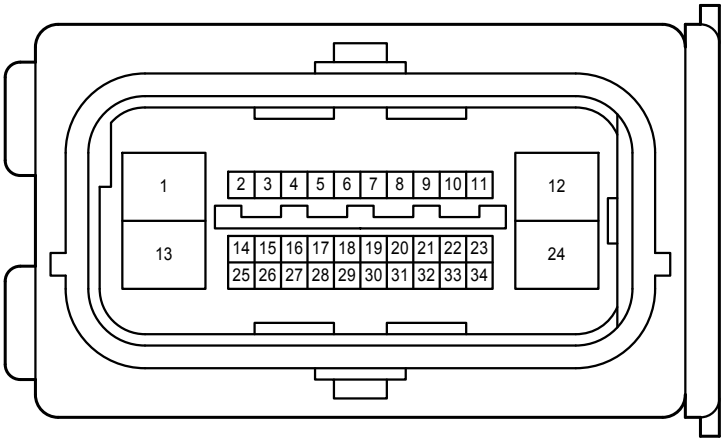
A 7
Black



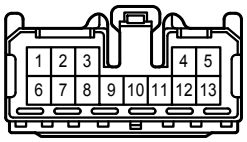
A 11
Black



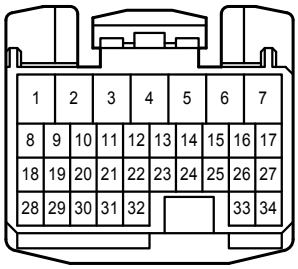
A 24
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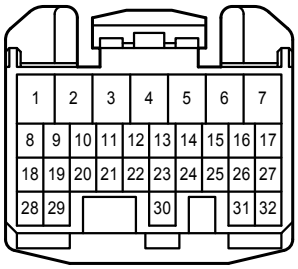
A 39
White



B 1
White



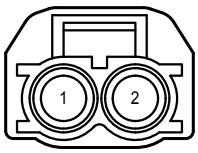
B 3
White



B 11
Gray



B 21
Black



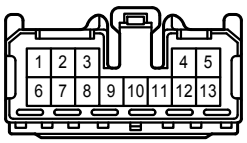
B 36
Black



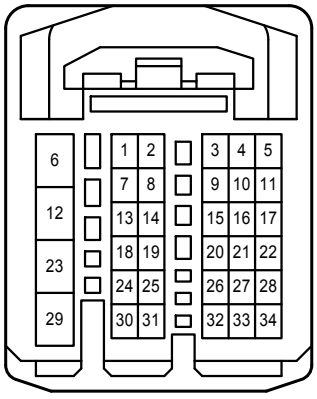
B 44
Gray



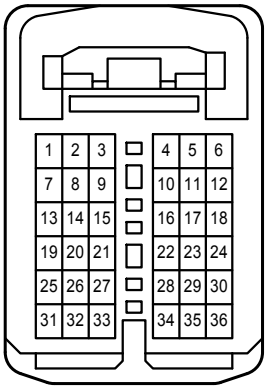
B 46
Black



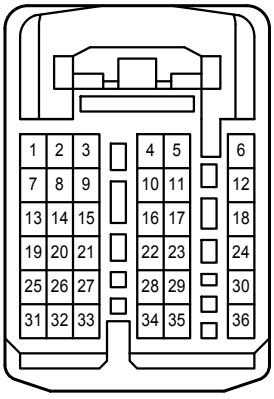
B 48
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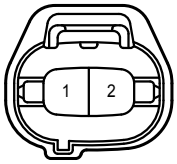
B 49
White



B 50
White



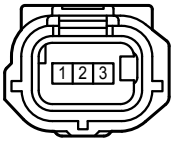
B 51
Gray



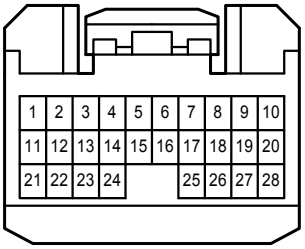
B 52
Gray



B 53
Black



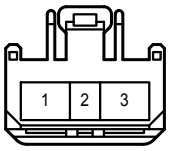
D 6
White



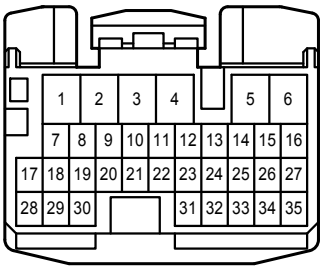
D 23
Black



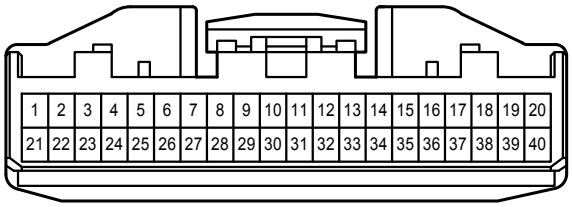
D 30
Black



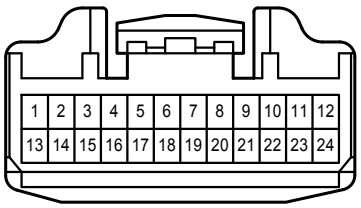
D 32
White



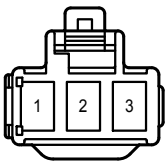
D 33
White



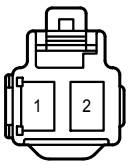
D 34
White



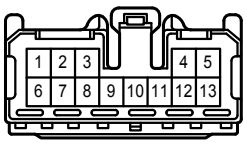
D 40
White



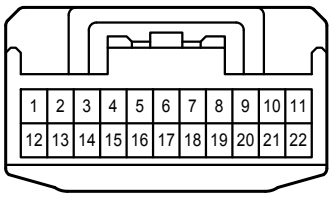
D 41
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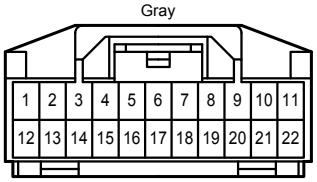
D 45
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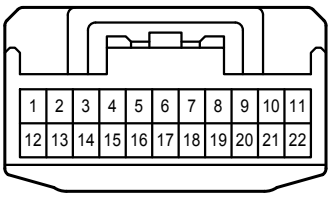
D 46
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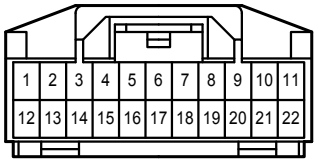
D 47
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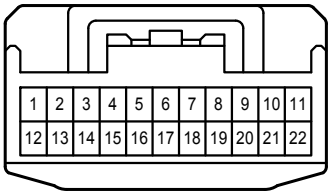
D 48
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D 49
White



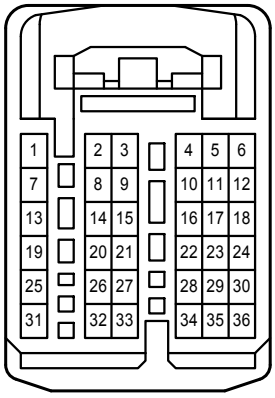
D 51
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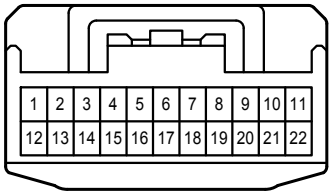
D 53
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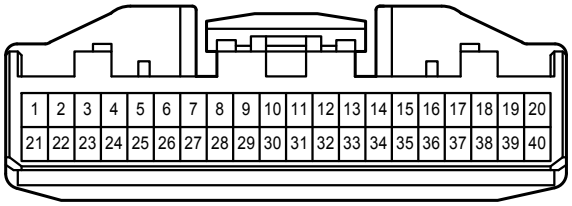
D 55
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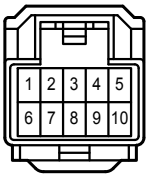
D 61
Black



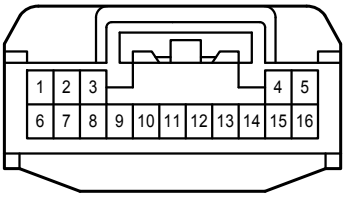
E 1
White



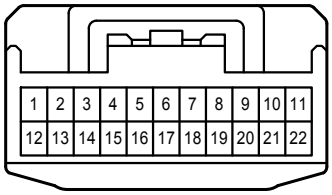
E 8
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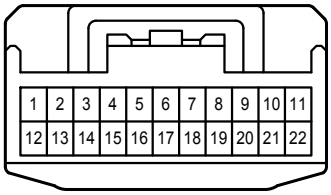
E 9
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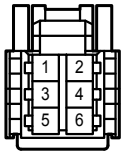
E 16
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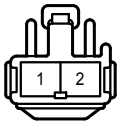
E 17
White



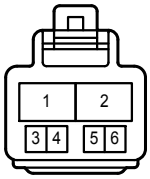
F 1
Blue



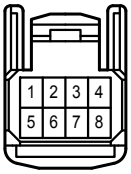
N 9
Black



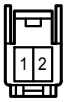
N 10
Black



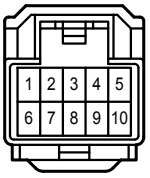
N 11
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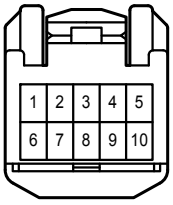
N 12
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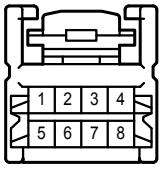
R 1
White



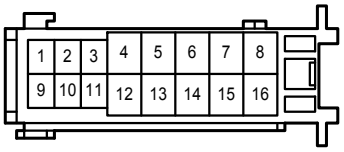
z 2
White



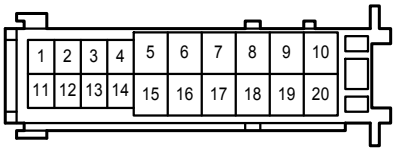
z 17
White



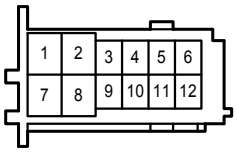
1D
White



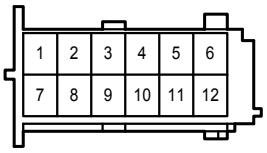
1F
White



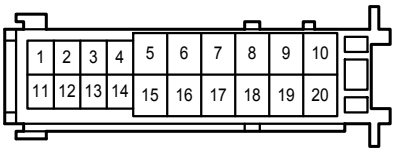
1G
White



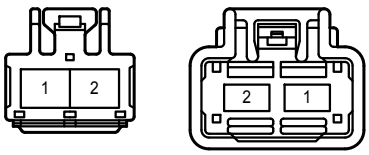
1L
White



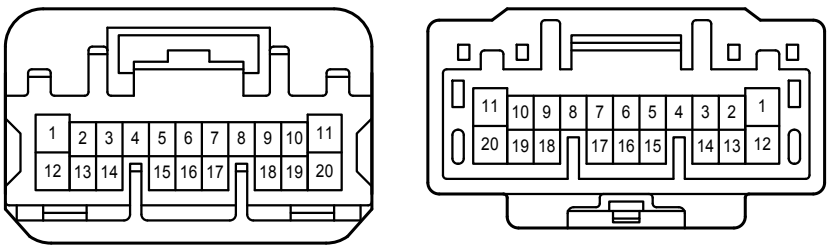
1M
White



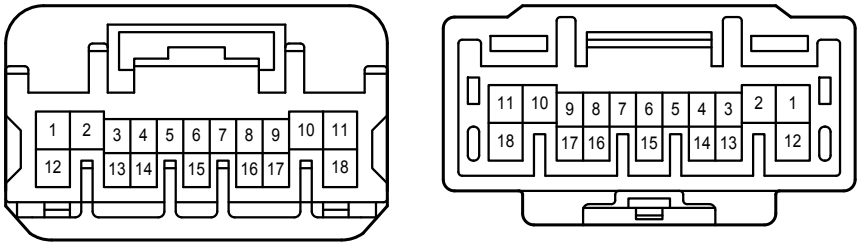
AD2
White



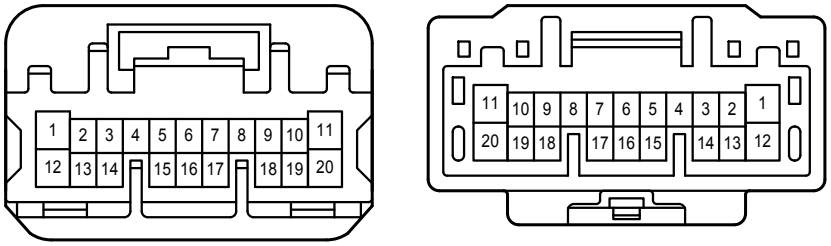
AD4
Gray



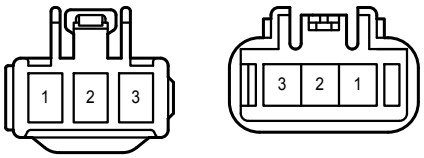
AD8
Blue



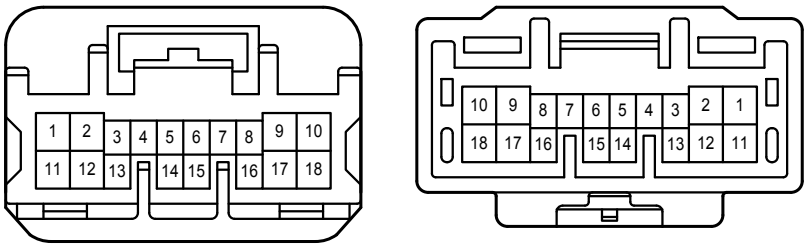
AD9
Gray



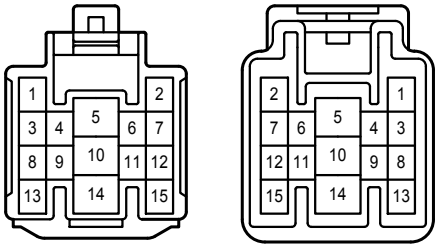
AD10
White



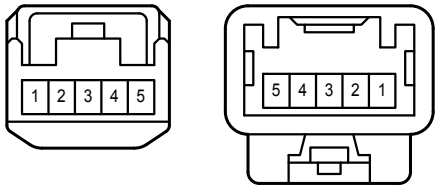
AD13
Blue



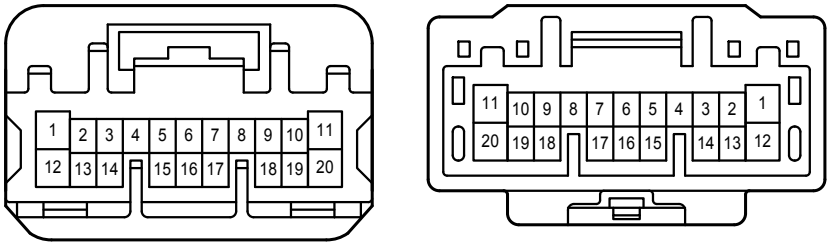
BA1
White



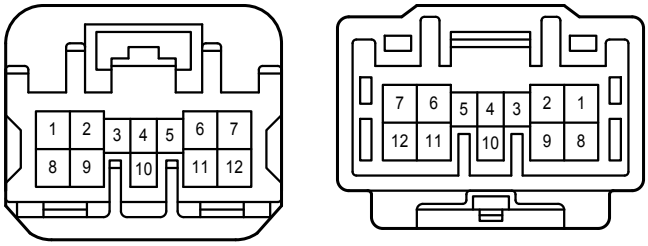
BB1
White



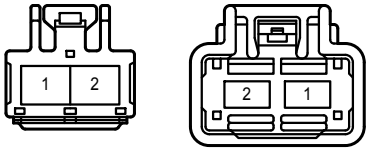
BD1
Gray



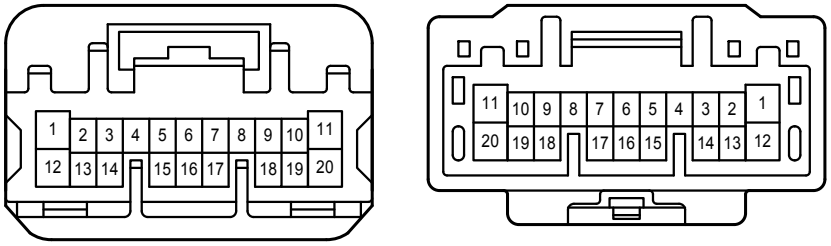
BD3
Gray



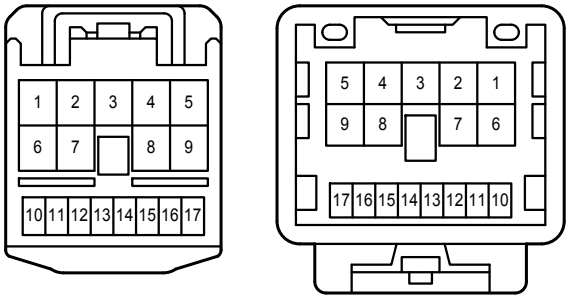
DN1
White



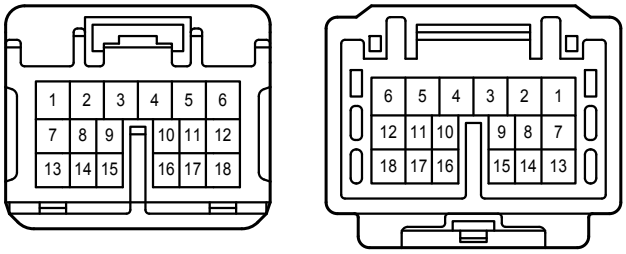
DN3
Blue



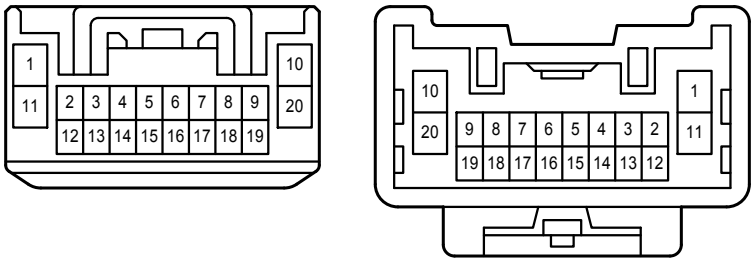
ED1
White



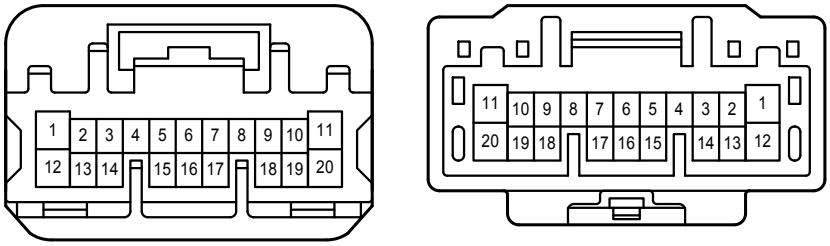
ED3
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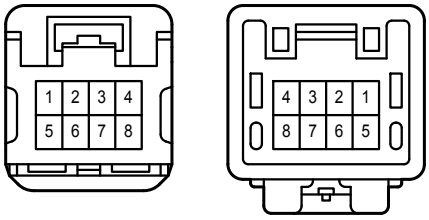
ED4
White



ED5
Gray



FE1
White



RD1
White

