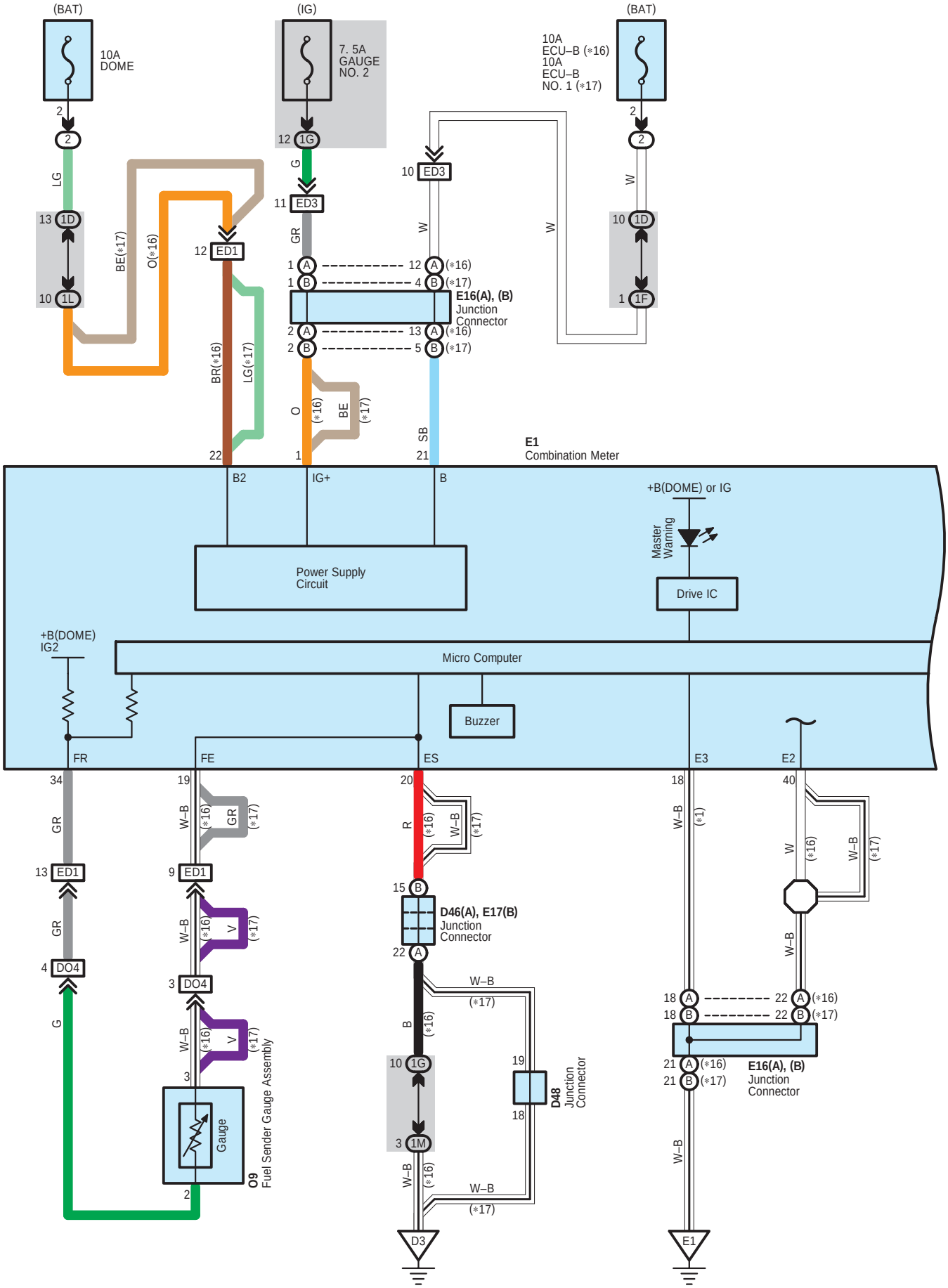
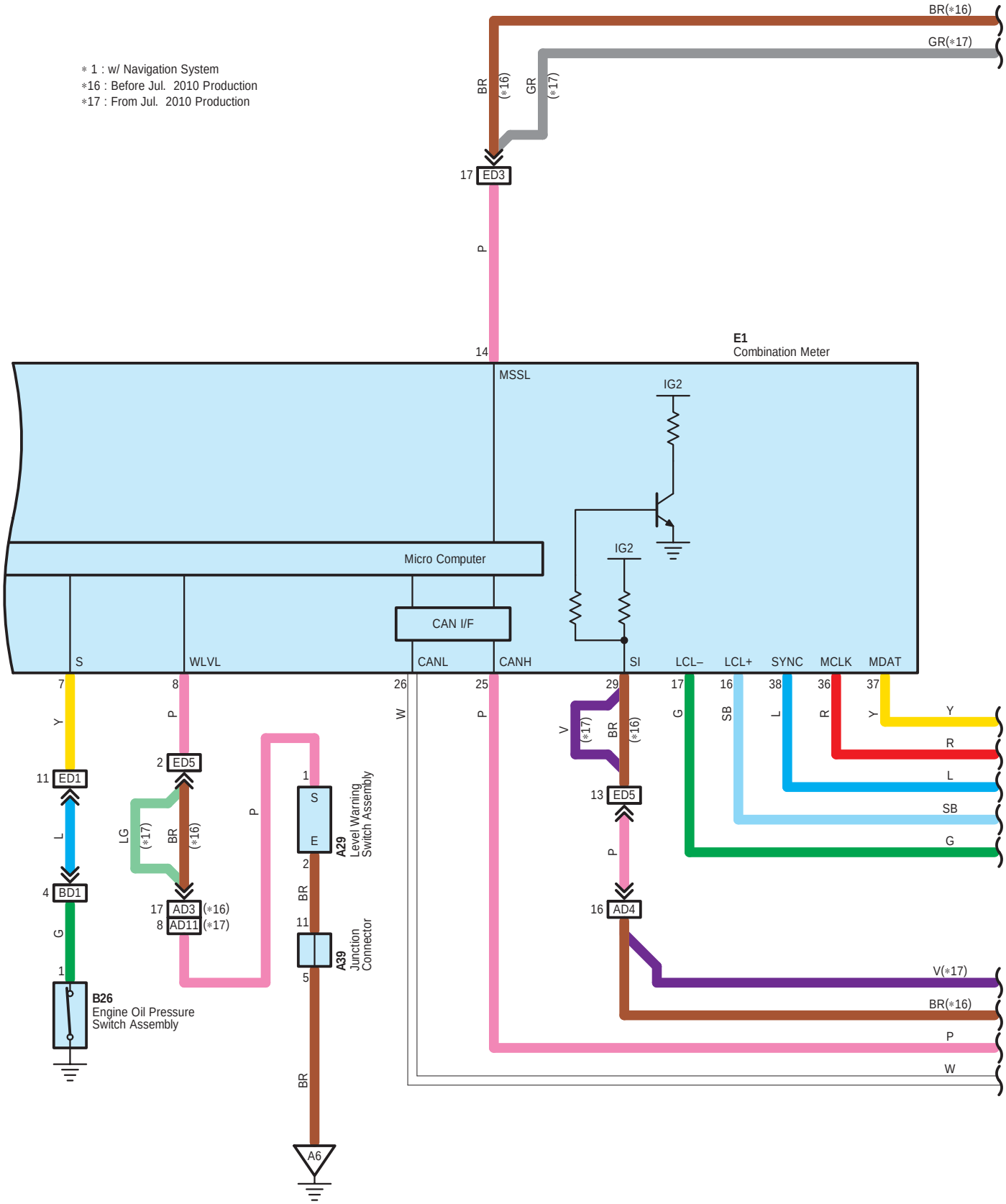
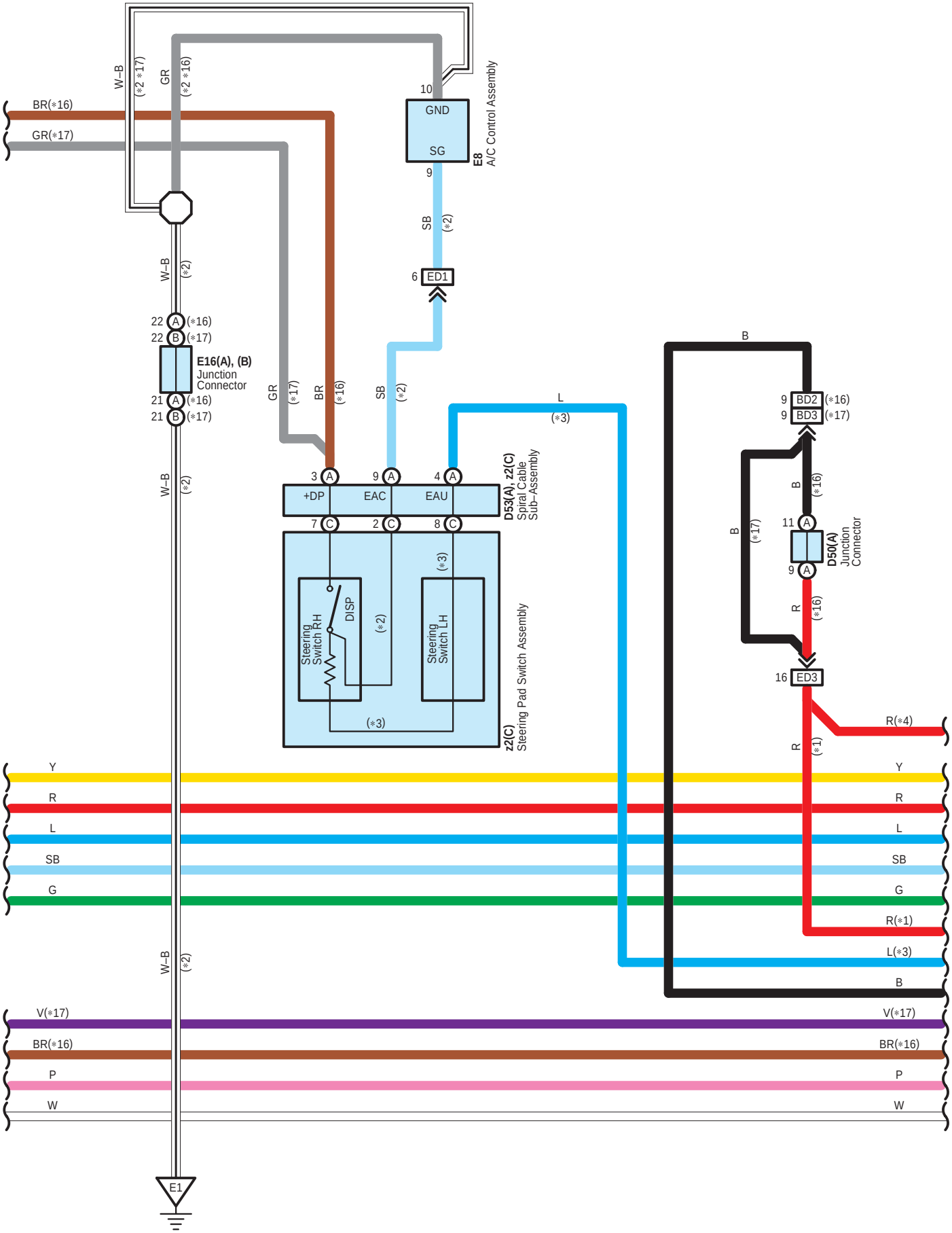
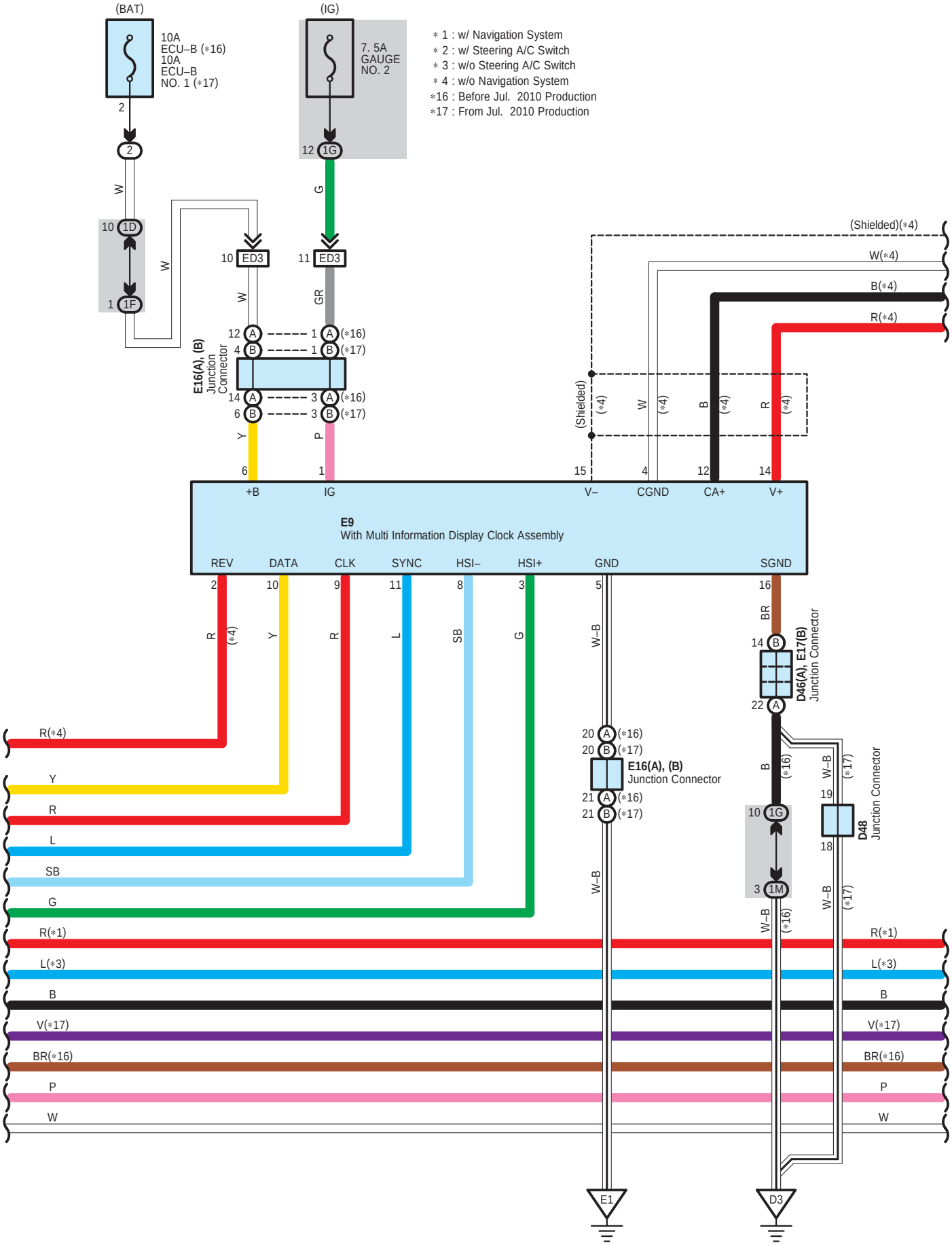
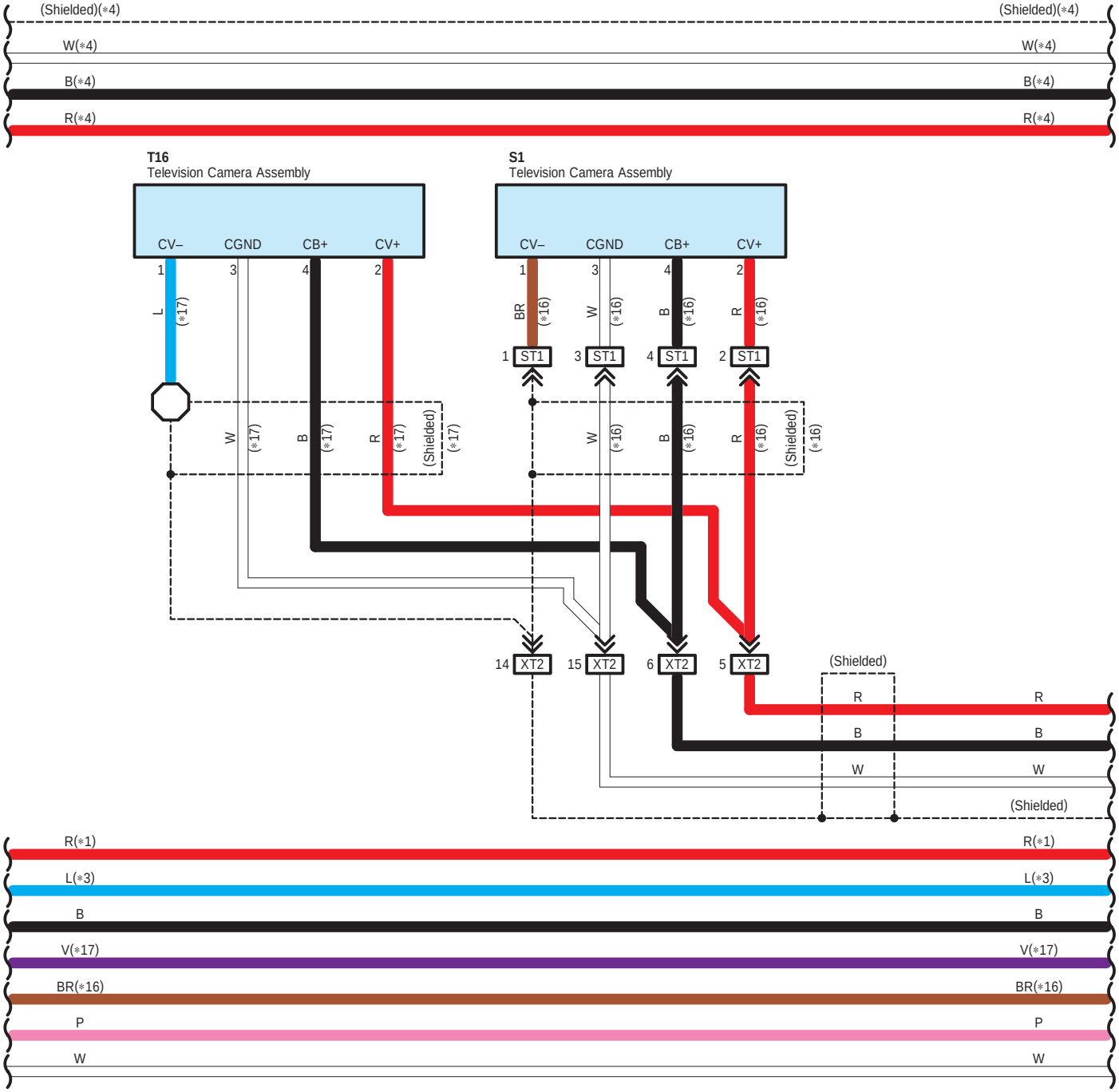

(BAT)
10A
DOME
(IG)
7. 5A
GAUGE
NO. 2
(BAT)
10A
ECU–B (∗16)
10A
ECU–B
NO. 1 (∗17)
E16(A), (B)
Junction
Connector
E1
Combination Meter
B2
IG+
B
Power Supply
Circuit
+B(DOME) or IG
Master
Warning
Drive IC
+B(DOME)
IG2
Micro Computer
Buzzer
FR
FE
ES
E3
E2
D46(A), E17(B)
Junction
Connector
D48
Junction
Connector
E16(A), (B)
Junction
Connector
O9
Fuel Sender Gauge Assembly
Gauge
D3
E1

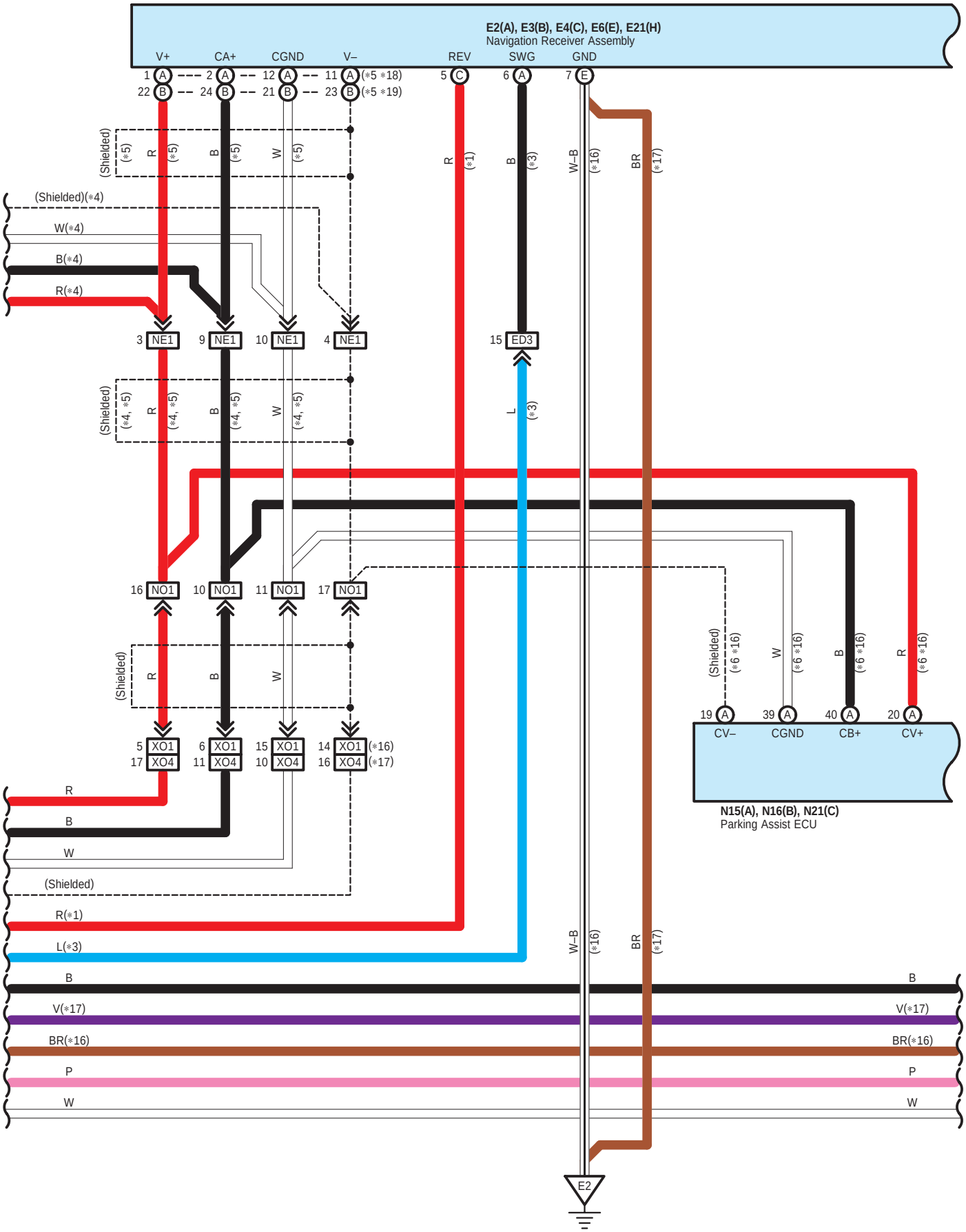

∗ 1 : w/ Navigation System
∗16 : Before Jul. 2010 Production
∗17 : From Jul. 2010 Production
BR(∗16)
GR(∗17)
BR (∗16)
GR (∗17)
17 ED3
P
14
E1
Combination Meter
MSSL
IG2
IG2
Micro Computer
CAN I/F
S
WLVL
CANL
CANH
SI
LCL–
LCL+
SYNC
MCLK
MDAT
7
8
26
25
29
17
16
38
36
37
Y
P
W
P
V
BR
G
SB
L
R
Y
11 ED1
2 ED5
13 ED5
L
LG (∗17)
BR (∗16)
P
4 BD1
17 AD3 (∗16)
8 AD11 (∗17)
16 AD4
G
1
B26
Engine Oil Pressure
Switch Assembly
1
S
E
A29
Level Warning
Switch Assembly
2
BR
11
A39
Junction
Connector
5
BR
A6
R
L
SB
G
V(∗17)
BR(∗16)
P
W

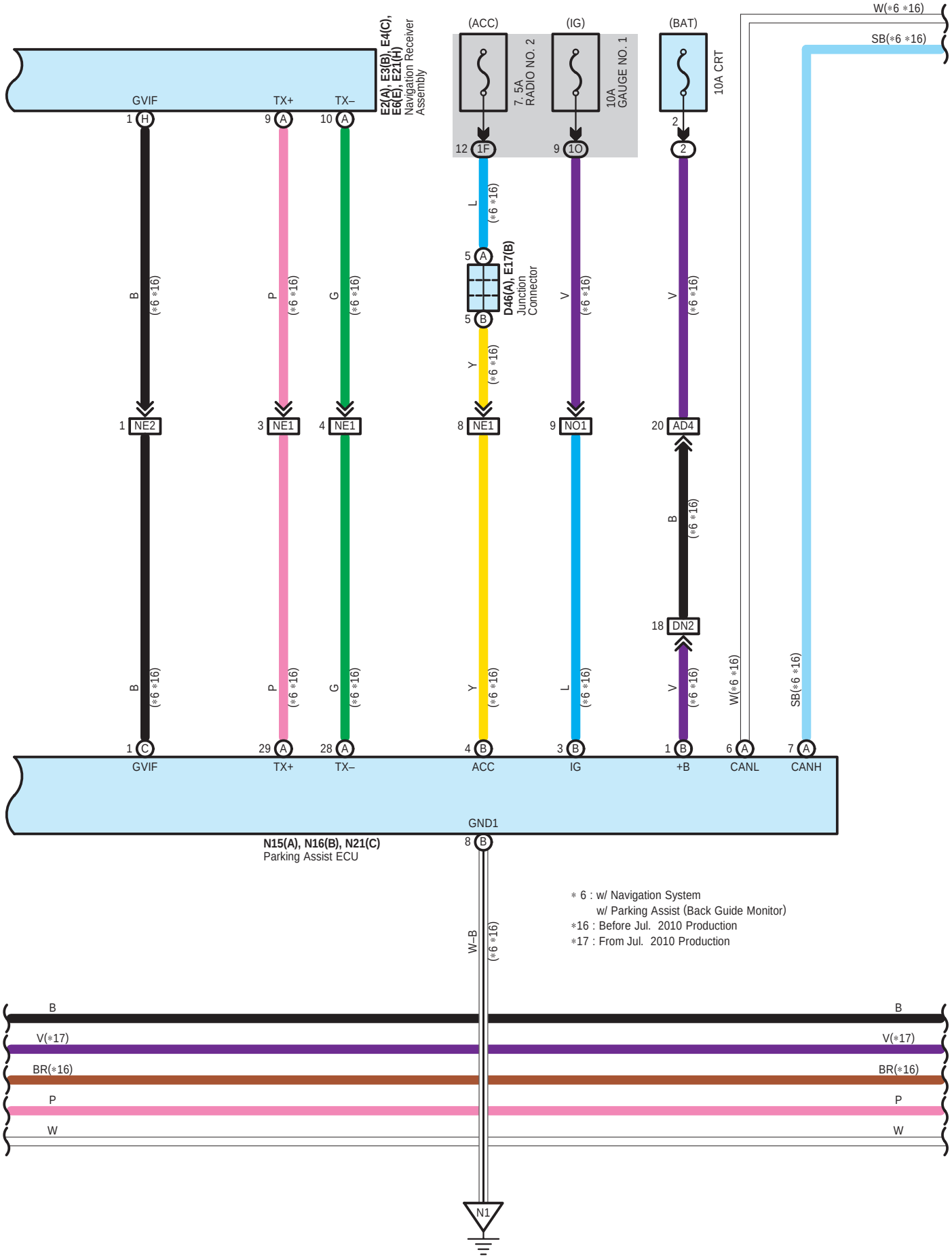

BR(*16)
GR(*17)
W–B
(*2 *17)
GR
(*2 *16)
10
GND
SG
E8
A/C Control Assembly
9
SB
(*2)
6 ED1
W–B
(*2)
22 A (*16)
22 B (*17)
E16(A), (B)
Junction
Connector
21 A (*16)
21 B (*17)
W–B
(*2)
GR
(*17)
BR
(*16)
SB
(*2)
L
(*3)
3 A
9 A
4 A
+DP
EAC
EAU
D53(A), z2(C)
Spiral Cable
Sub–Assembly
7 C
2 C
8 C
(*3)
Steering
Switch RH
DISP
(*2)
Steering
Switch LH
(*3)
z2(C)
Steering Pad Switch Assembly
B
9 BD2 (*16)
9 BD3 (*17)
B
(*16)
B
(*17)
11 A
9 A
D50(A)
Junction
Connector
R
(*16)
16 ED3
R(*4)
R
(*1)
Y
R
L
SB
G
R(*1)
L(*3)
B
W–B
(*2)
V(*17)
BR(*16)
P
W
E1

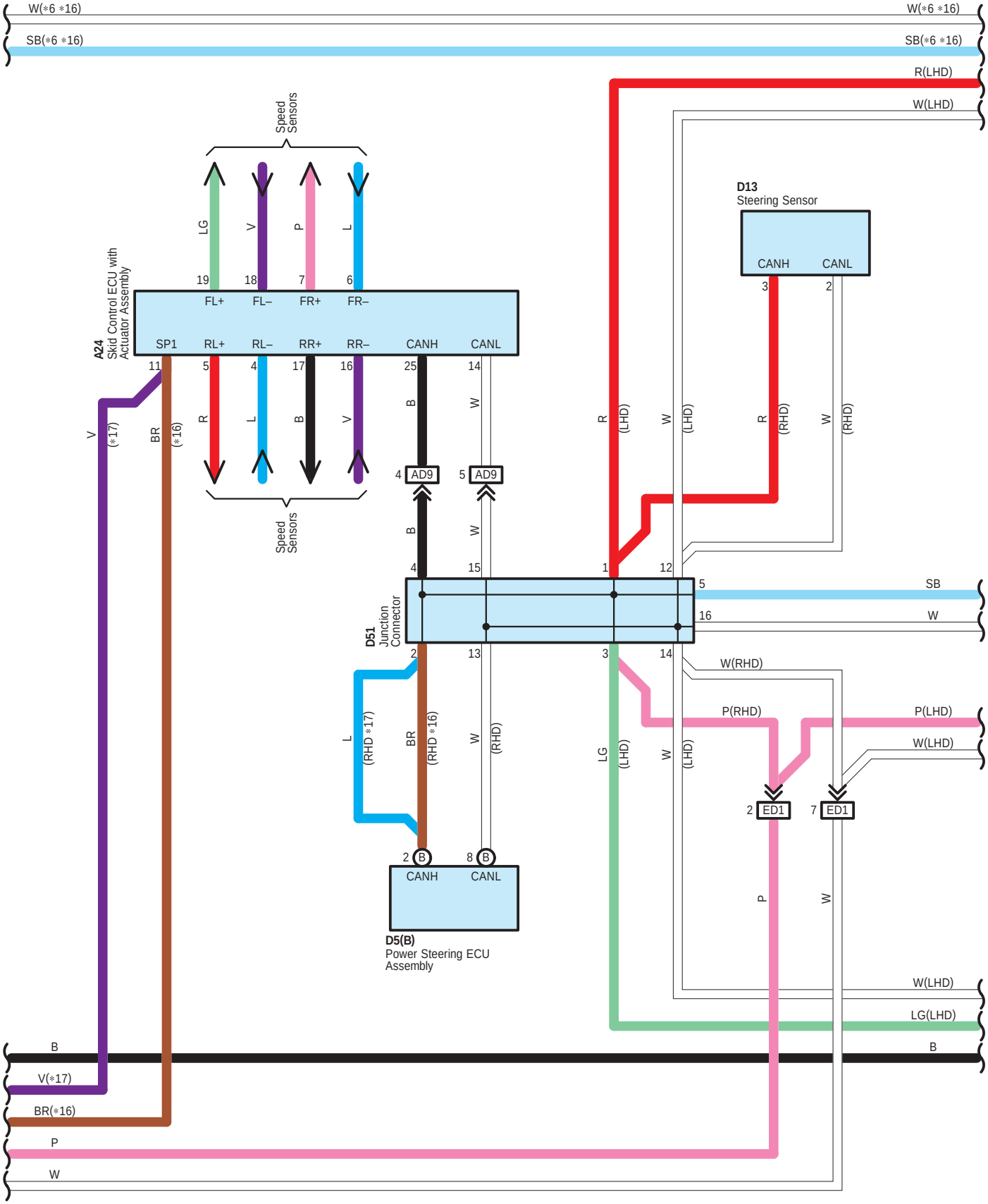

(BAT)
10A
ECU–B (*16)
10A
ECU–B
NO. 1 (*17)
(IG)
7. 5A
GAUGE
NO. 2
* 1 : w/ Navigation System
* 2 : w/ Steering A/C Switch
* 3 : w/o Steering A/C Switch
* 4 : w/o Navigation System
*16 : Before Jul. 2010 Production
*17 : From Jul. 2010 Production
E16(A), (B)
Junction
Connector
(Shielded)(*4)
W(*4)
B(*4)
R(*4)
+B
IG
V–
CGND
CA+
V+
E9
With Multi Information Display Clock Assembly
REV
DATA
CLK
SYNC
HSI–
HSI+
GND
SGND
D46(A), E17(B)
Junction Connector
E16(A), (B)
Junction Connector
D48
Junction Connector
R(*1)
L(*3)
B
V(*17)
BR(*16)
P
W
E1
D3

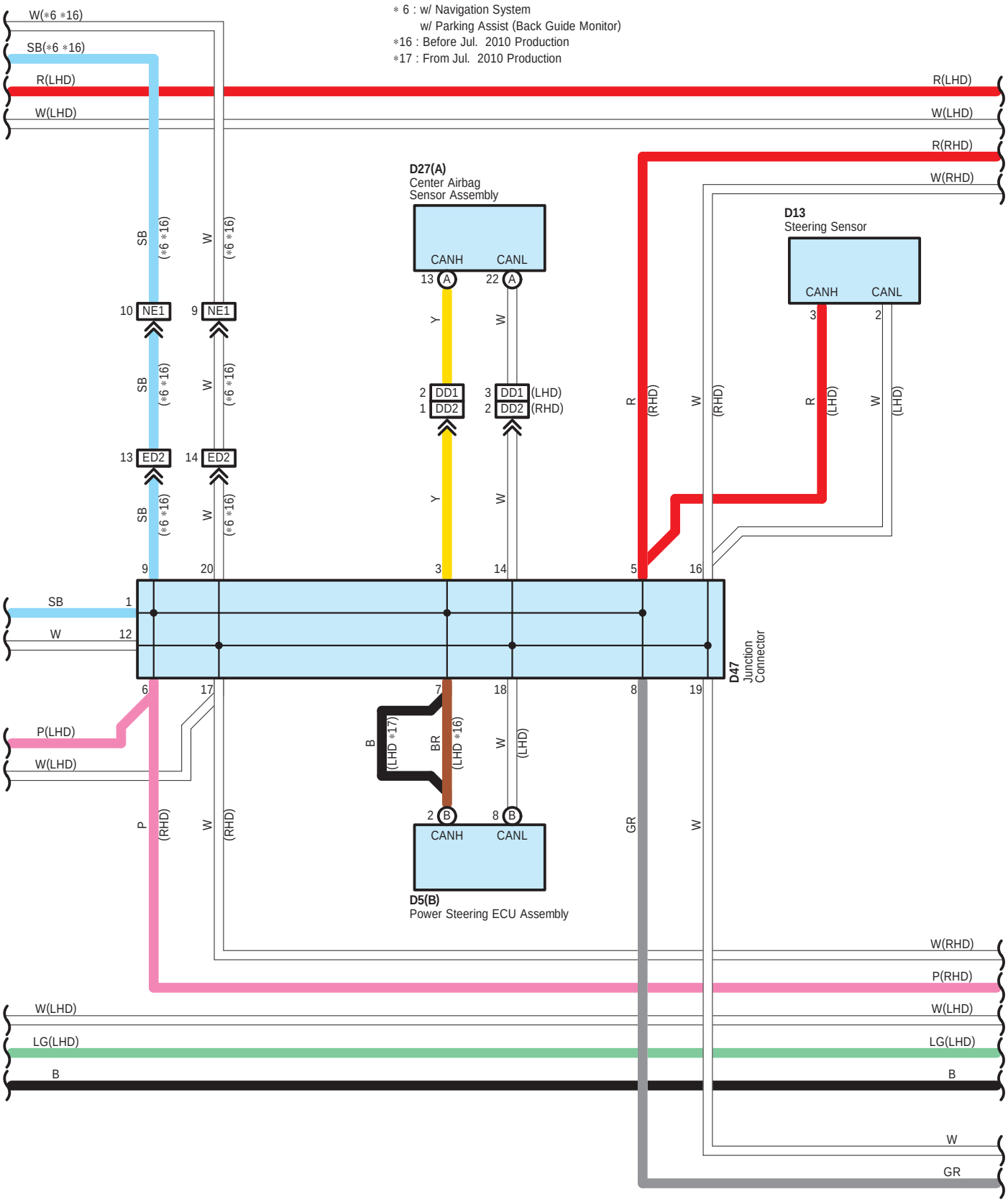
∗ 1 : w/ Navigation System
∗ 3 : w/o Steering A/C Switch
∗ 4 : w/o Navigation System
∗ 5 : w/ Navigation System w/ Parking Assist (Rear View Monitor)
∗ 6 : w/ Navigation System w/ Parking Assist (Back Guide Monitor)
∗16 : Before Jul. 2010 Production
∗17 : From Jul. 2010 Production
∗18 : w/ Multi–Media Interface ECU
∗19 : w/o Multi–Media Interface ECU

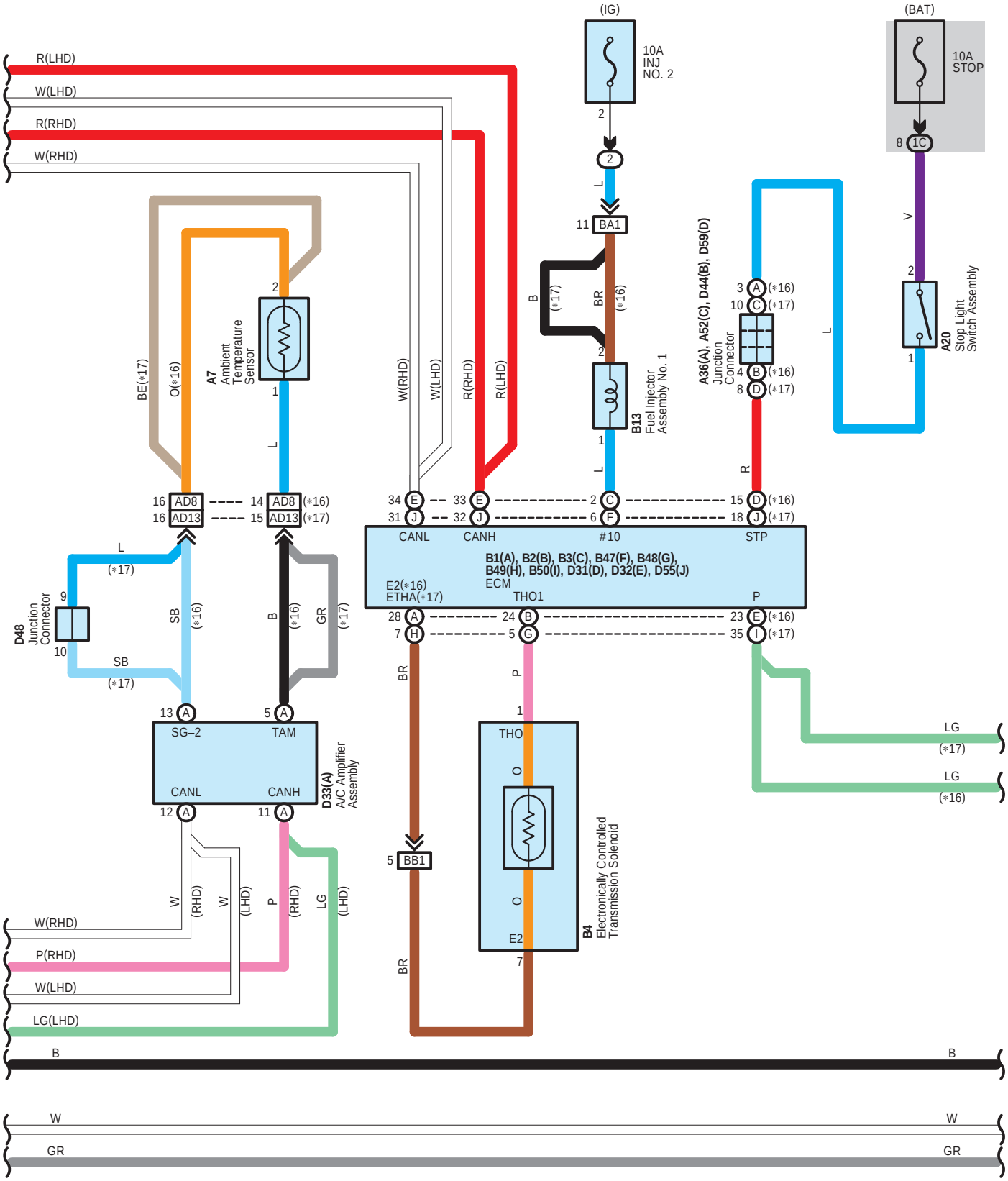


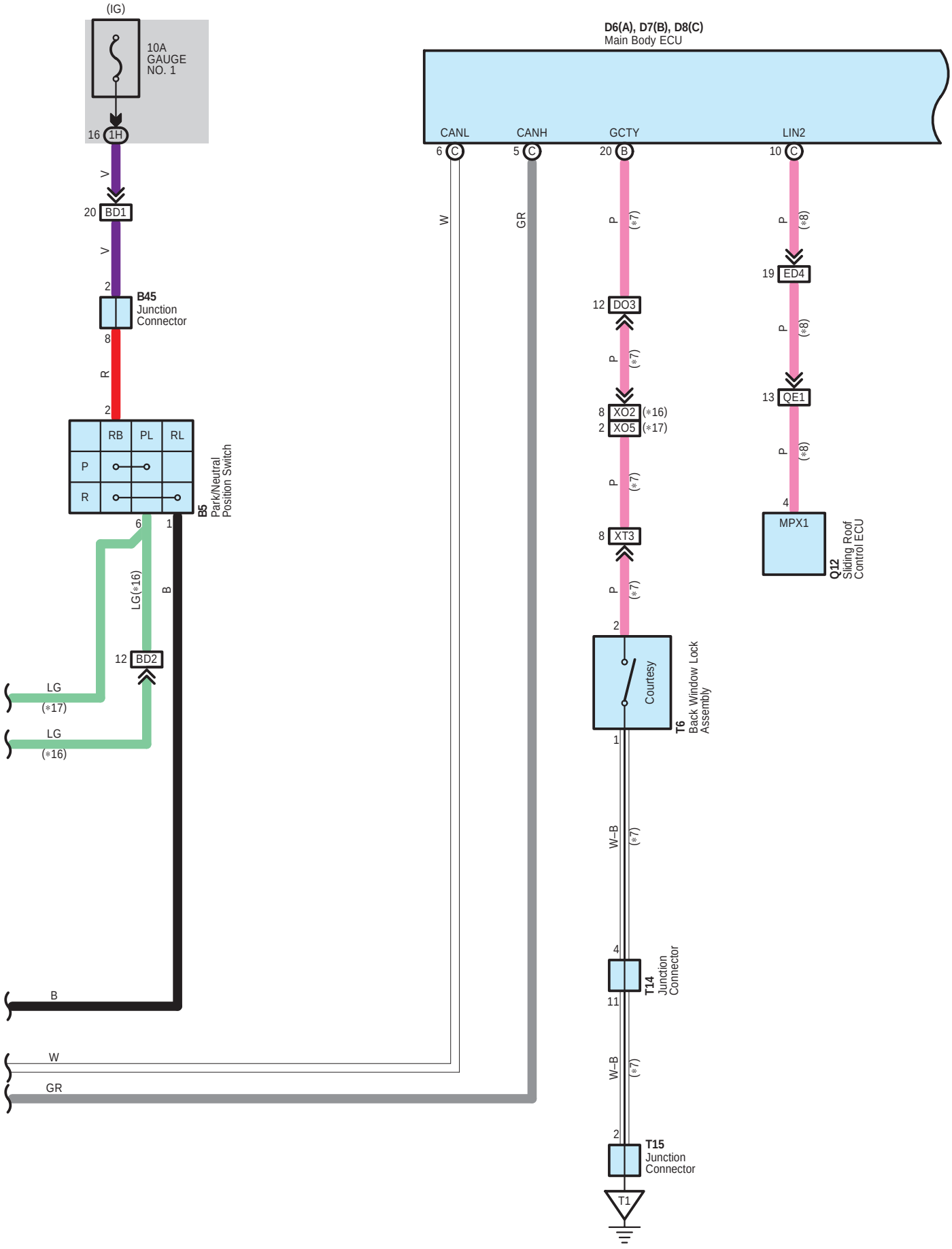

E2(A), E3(B), E4(C), E6(E), E21(H)
Navigation Receiver Assembly
V+
CA+
CGND
V–
REV
SWG
GND
(Shielded)(∗4)
W(∗4)
B(∗4)
R(∗4)
(Shielded)
R
B
W
(Shielded)
R(∗1)
L(∗3)
B
V(∗17)
BR(∗16)
P
W
W–B
BR
E2
N15(A), N16(B), N21(C)
Parking Assist ECU
CV–
CGND
CB+
CV+

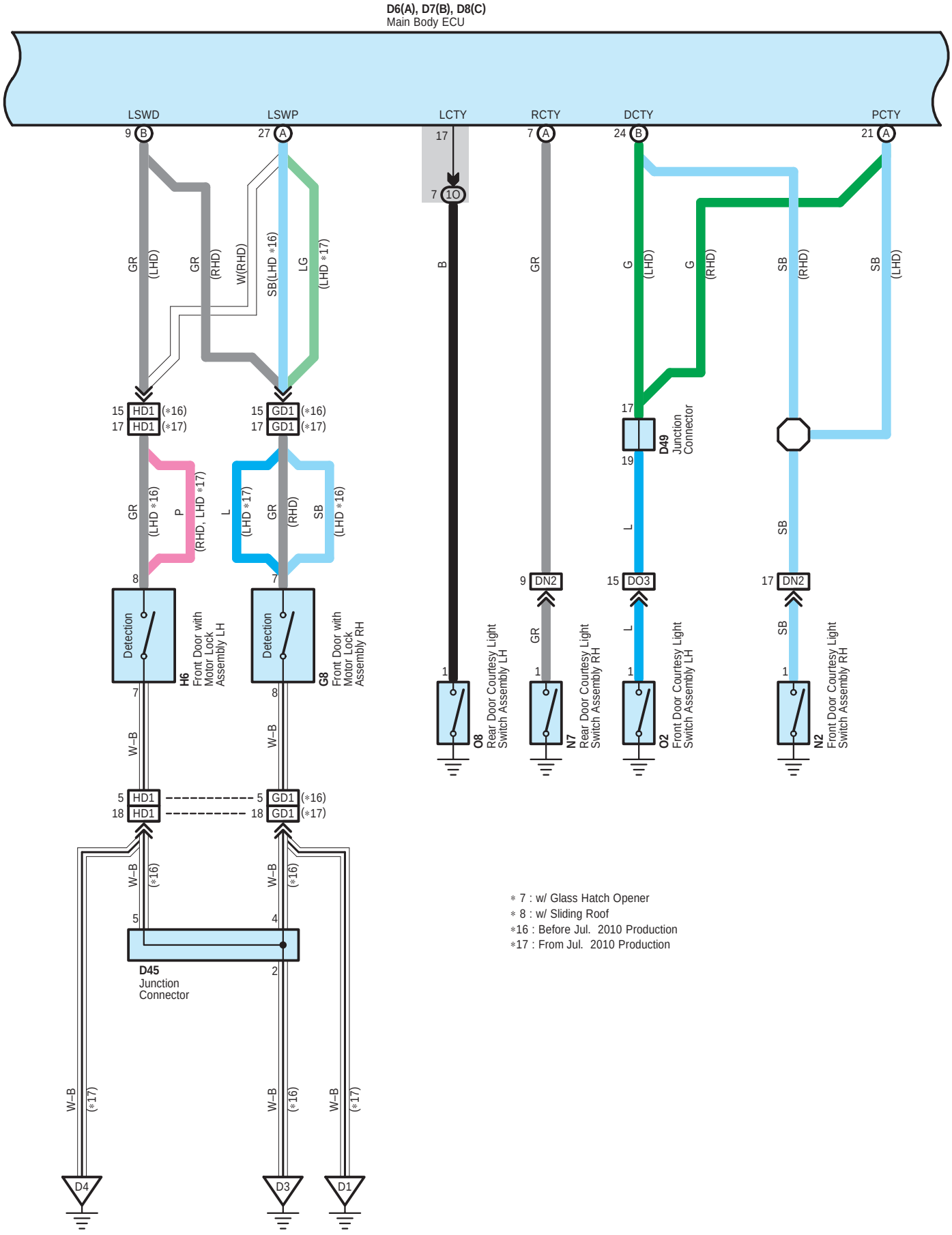

E2(A), E3(B), E4(C), E6(E), E21(H)
Navigation Receiver Assembly
GVIF
TX+
TX–
(ACC)
(IG)
(BAT)
7. 5A RADIO NO. 2
10A GAUGE NO. 1
10A CRT
W(∗6 ∗16)
SB(∗6 ∗16)
D46(A), E17(B)
Junction Connector
N15(A), N16(B), N21(C)
Parking Assist ECU
GND1
GVIF
TX+
TX–
ACC
IG
+B
CANL
CANH
W–B (∗6 ∗16)
B
V(∗17)
BR(∗16)
P
W
N1
∗ 6 : w/ Navigation System
w/ Parking Assist (Back Guide Monitor)
∗16 : Before Jul. 2010 Production
∗17 : From Jul. 2010 Production


W(*6 *16)
SB(*6 *16)
R(LHD)
W(LHD)
Speed Sensors
LG
V
P
L
19
18
7
6
FL+
FL–
FR+
FR–
A24
Skid Control ECU with Actuator Assembly
SP1
RL+
RL–
RR+
RR–
CANH
CANL
11
5
4
17
16
25
14
V
(*17)
BR
(*16)
R
L
B
W
4
5
AD9
AD9
Speed Sensors
D13
Steering Sensor
CANH
CANL
3
2
R
(LHD)
W
(LHD)
R
(RHD)
W
(RHD)
1
12
15
4
D51
Junction Connector
5
16
SB
W
2
13
3
14
W(RHD)
L
(RHD *17)
BR
(RHD *16)
W
(RHD)
LG
(LHD)
W
(LHD)
P(RHD)
P(LHD)
W(LHD)
2
ED1
7
ED1
2
B
8
B
CANH
CANL
D5(B)
Power Steering ECU Assembly
P
W
W(LHD)
LG(LHD)
B
B
V(*17)
BR(*16)
P
W

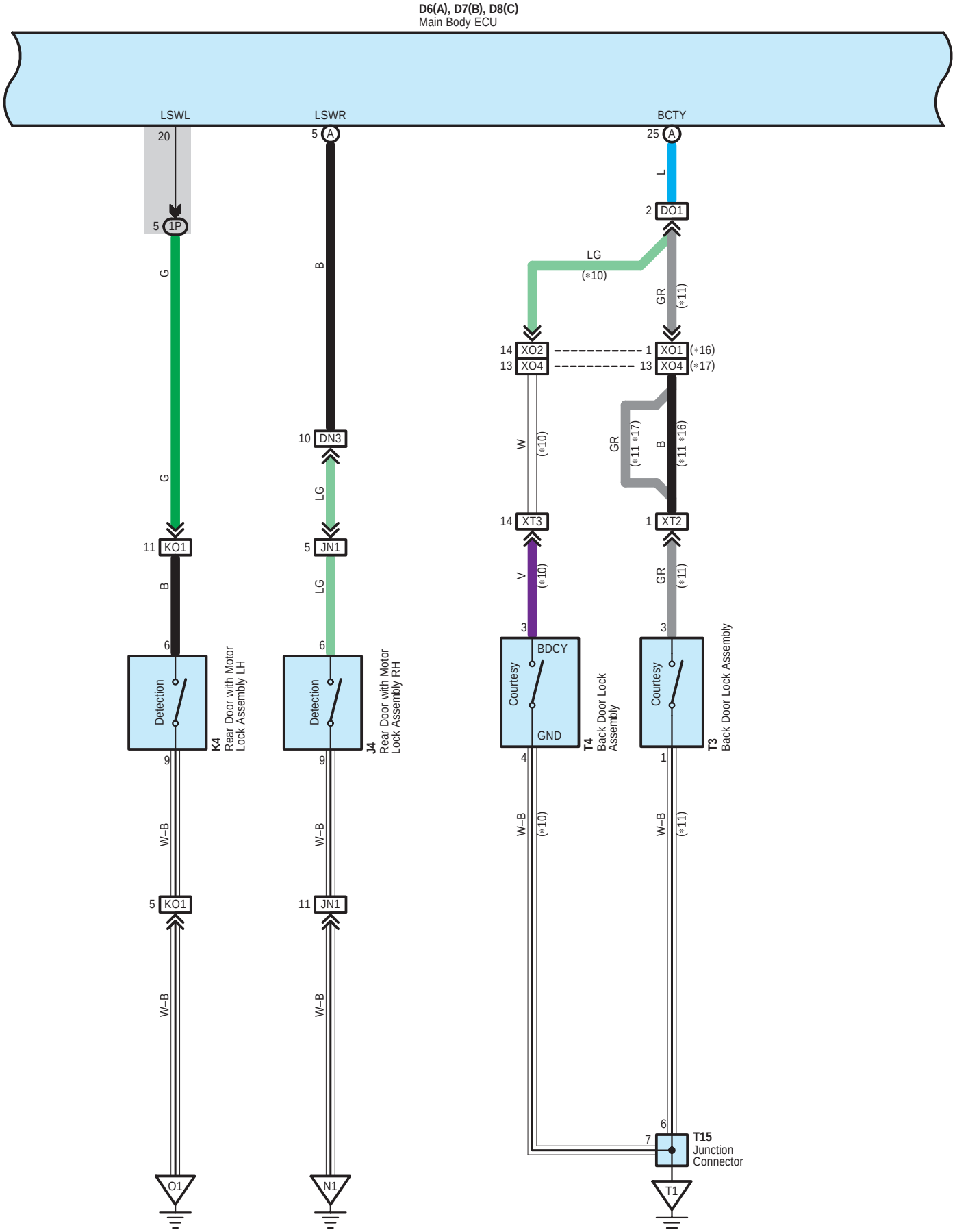

∗ 6 : w/ Navigation System
w/ Parking Assist (Back Guide Monitor)
∗16 : Before Jul. 2010 Production
∗17 : From Jul. 2010 Production
W(∗6 ∗16)
SB(∗6 ∗16)
R(LHD)
W(LHD)
R(LHD)
W(LHD)
R(RHD)
W(RHD)
D27(A)
Center Airbag
Sensor Assembly
CANH
CANL
D13
Steering Sensor
CANH
CANL
NE1
ED2
DD1
DD2
(LHD)
(RHD)
D47
Junction
Connector
D5(B)
Power Steering ECU Assembly
P(LHD)
P(RHD)
LG(LHD)
B
W
GR

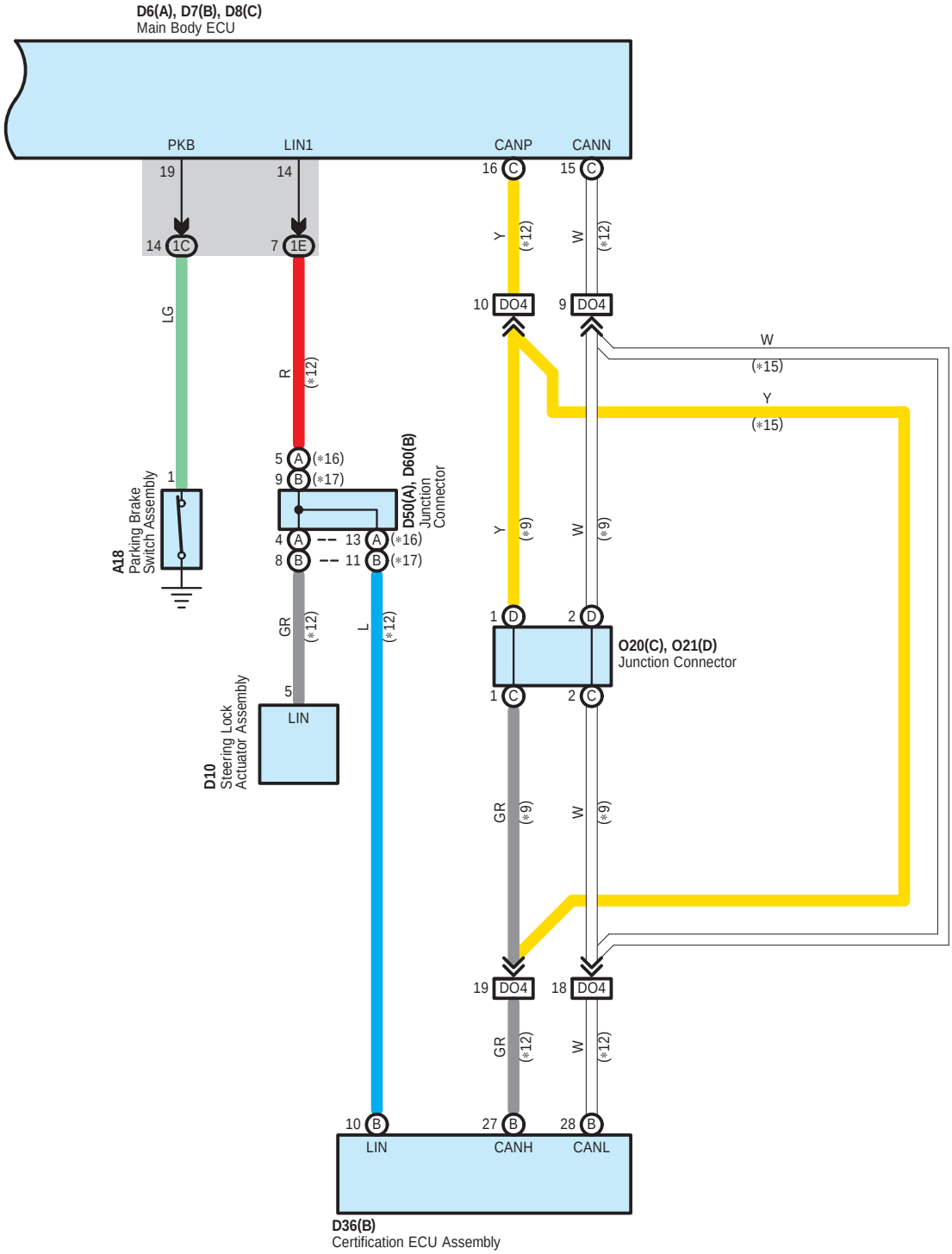

(IG)
10A
INJ
NO. 2
(BAT)
10A
STOP
R(LHD)
W(LHD)
R(RHD)
W(RHD)
BE(*17)
O(*16)
A7
Ambient
Temperature
Sensor
W(RHD)
W(LHD)
R(RHD)
R(LHD)
B
(*17)
BR
(*16)
B13
Fuel Injector
Assembly No. 1
A36(A), A52(C), D44(B), D59(D)
Junction
Connector
V
A20
Stop Light
Switch Assembly
AD8
AD13
(*16)
(*17)
CANL
CANH
#10
STP
B1(A), B2(B), B3(C), B47(F), B48(G),
B49(H), B50(I), D31(D), D32(E), D55(J)
ECM
E2(*16)
ETHA(*17)
THO1
D48
Junction
Connector
SB
(*16)
(*17)
GR
SG–2
TAM
D33(A)
A/C Amplifier
Assembly
THO
E2
B4
Electronically Controlled
Transmission Solenoid
BB1
LG
W
P
(RHD)
(LHD)
W(RHD)
P(RHD)
W(LHD)
LG(LHD)
B
W
GR


(IG)
10A
GAUGE
NO. 1
16 1H
V
20 BD1
V
2
B45
Junction
Connector
8
R
2
RB PL RL
P
R
B5
Park/Neutral
Position Switch
6 1
LG(*16)
B
12 BD2
LG
(*17)
LG
(*16)
B
W
GR
D6(A), D7(B), D8(C)
Main Body ECU
CANL CANH GCTY LIN2
6 C
5 C
20 B
10 C
W
GR
P (*7)
12 DO3
P (*7)
8 XO2 (*16)
2 XO5 (*17)
P (*7)
8 XT3
P (*7)
2
Courtesy
T6
Back Window Lock
Assembly
1
W–B (*7)
4
T14
Junction
Connector
11
W–B (*7)
2
T15
Junction
Connector
T1
P (*8)
19 ED4
P (*8)
13 QE1
P (*8)
4
MPX1
Q12
Sliding Roof
Control ECU



* 7 : w/ Glass Hatch Opener
* 8 : w/ Sliding Roof
*16 : Before Jul. 2010 Production
*17 : From Jul. 2010 Production


D6(A), D7(B), D8(C)
Main Body ECU
LSWL
LSWR
BCTY
20
5 1P
G
G
11 KO1
B
6
Detection
K4
Rear Door with Motor Lock Assembly LH
9
W–B
5 KO1
W–B
O1
5 A
B
10 DN3
LG
5 JN1
LG
6
Detection
J4
Rear Door with Motor Lock Assembly RH
9
W–B
11 JN1
W–B
N1
25 A
L
2 DO1
LG
(*10)
GR
(*11)
14 XO2
13 XO4
1 XO1 (*16)
13 XO4 (*17)
W
(*10)
GR
(*11 *17)
B
(*11 *16)
14 XT3
1 XT2
V
(*10)
GR
(*11)
3
BDCY
Courtesy
GND
T4
Back Door Lock Assembly
3
Courtesy
T3
Back Door Lock Assembly
4
W–B
(*10)
1
W–B
(*11)
6
7
T15
Junction Connector
T1



∗ 9 : w/ Smart Entry & Start System w/ Power Back Door
∗10 : w/ Power Back Door
∗11 : w/o Power Back Door
∗12 : w/ Smart Entry & Start System
∗15 : w/ Smart Entry & Start System w/o Power Back Door
∗16 : Before Jul. 2010 Production
∗17 : From Jul. 2010 Production

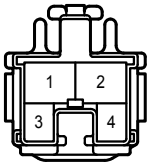
A 7
Black



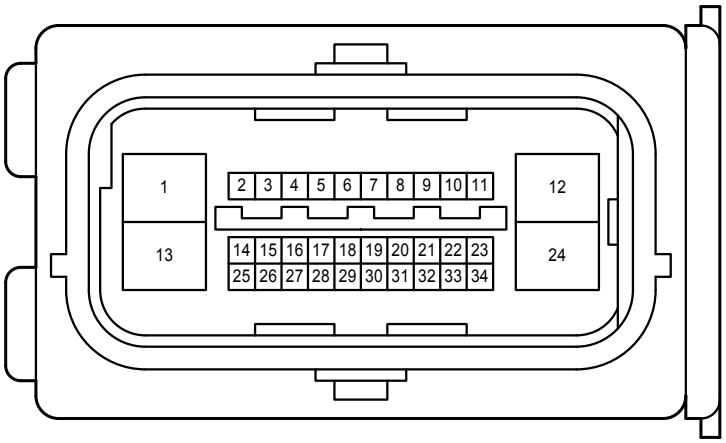
A 18
Black



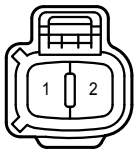
A 20
White



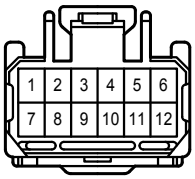
A 24
Black



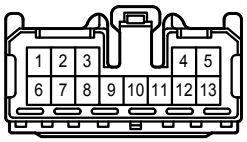
A 29
White



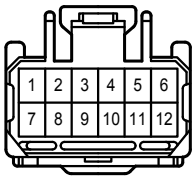
A 36
Black



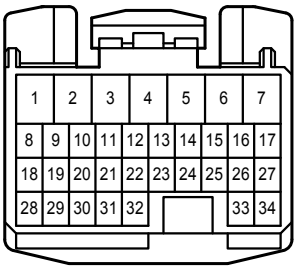
A 39
White



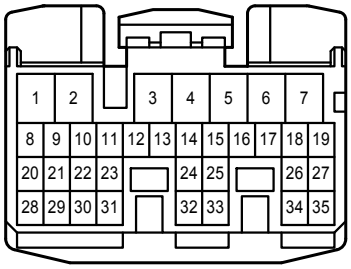
A 52
Black



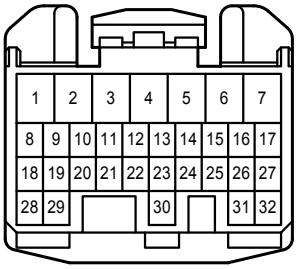
B 1
White



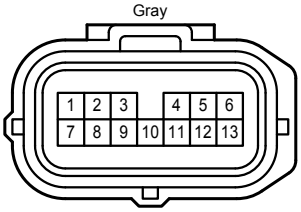
B 2
White



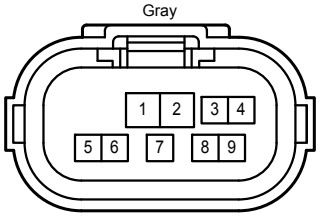
B 3
White



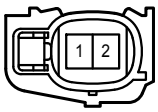
B 4
Gray



B 5
Gray



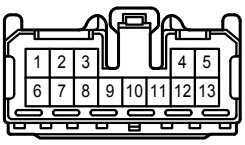
B 13
Brown



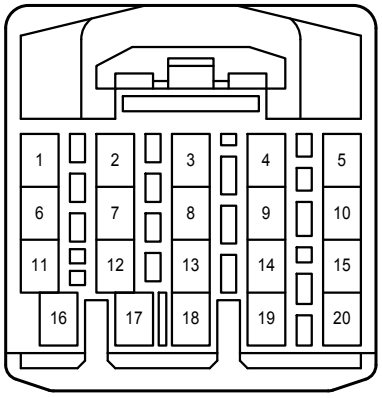
B 26
Gray



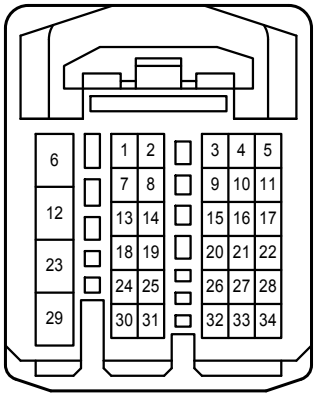
B 45
Blue



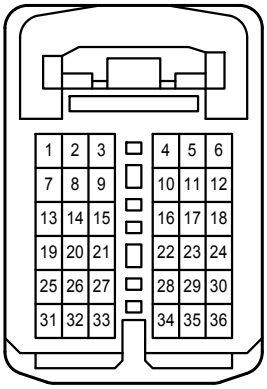
B 47
White



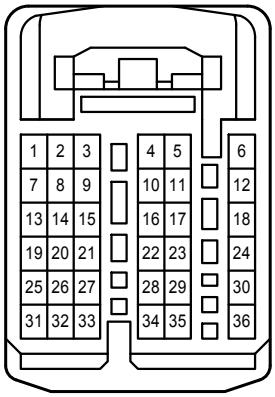
B 48
White



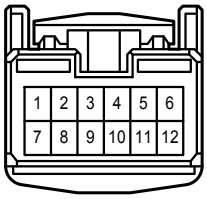
B 49
White



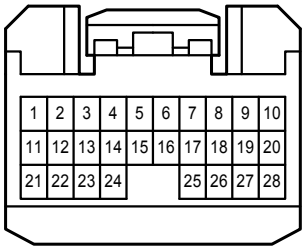
B 50
White



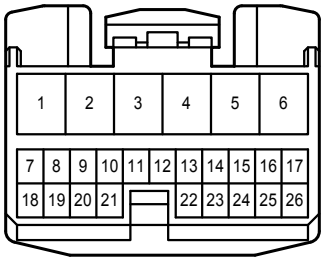
D 5
White



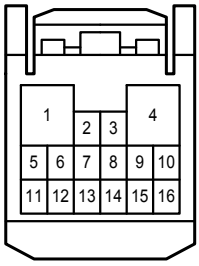
D 6
White



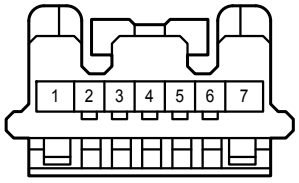
D 7
White



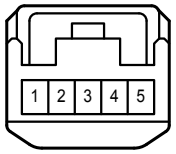
D 8
White



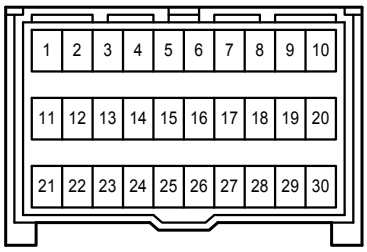
D 10
Black



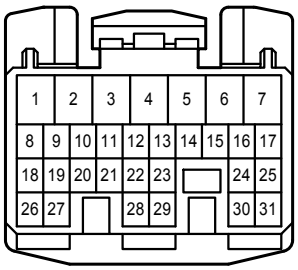
D 13
Black



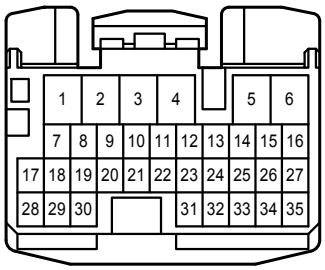
D 27
Yellow



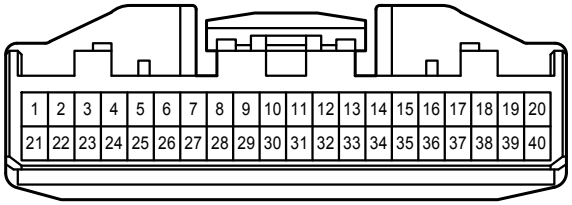
D 31
Black



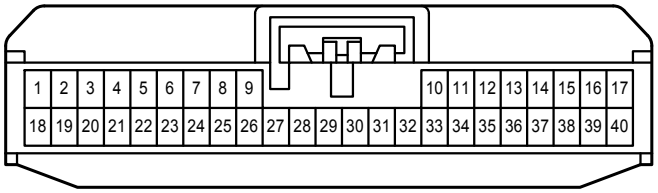
D 32
White



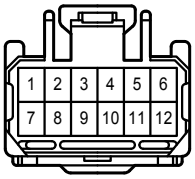
D 33
White



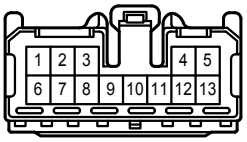
D 36
White



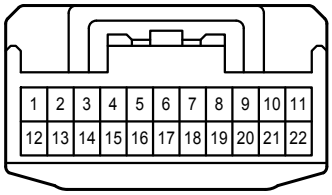
D 44
Black



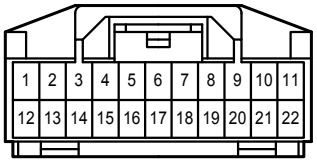
D 45
Black



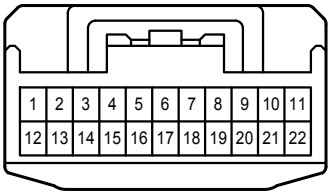
D 46
White



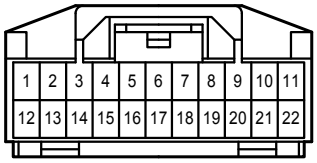
D 47
Gray



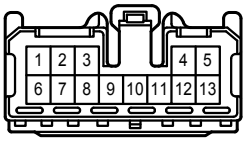
D 48
White



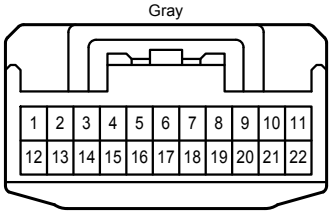
D 49
White



D 50
Blue



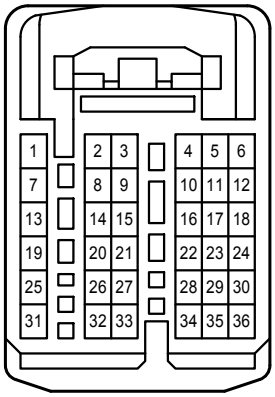
D 51
Gray



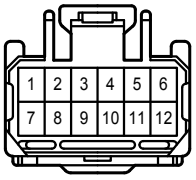
D 53
Black



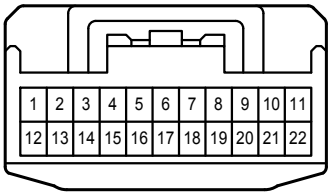
D 55
White



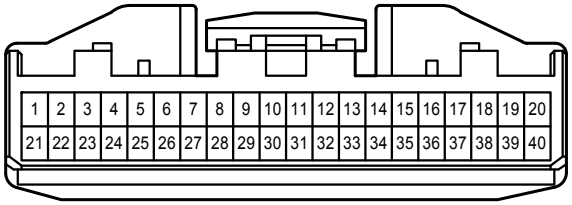
D 59
Black



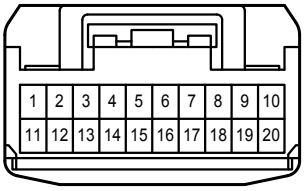
D 60
Blue



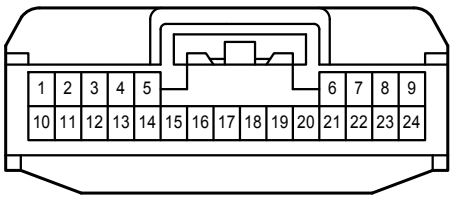
E 1
White



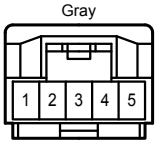
E 2
White



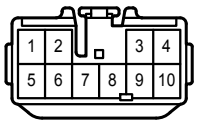
E 3
White



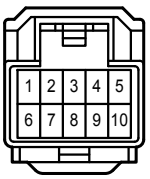
E 4
Gray



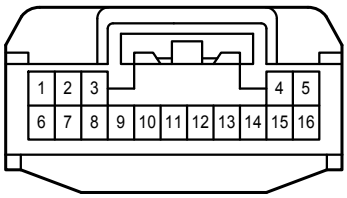
E 6
White



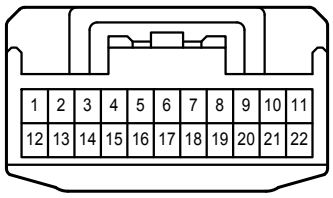
E 8
White



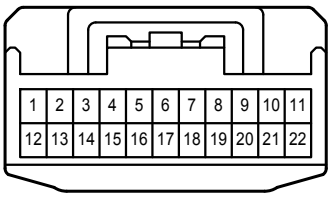
E 9
White



E 16
White



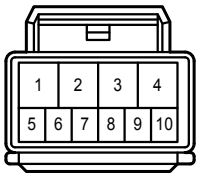
E 17
White



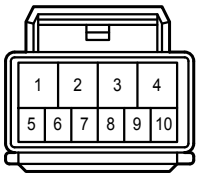
E 21
Blue



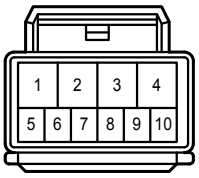
G 8
White



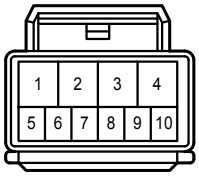
H 6
White



J 4
White



K 4
White



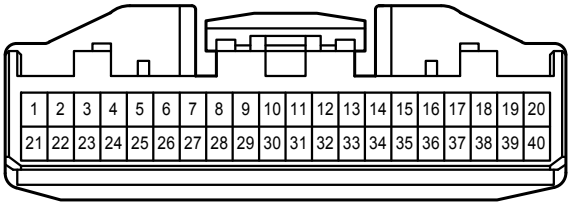
N 2
White



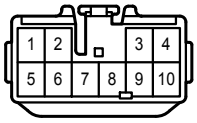
N 7
White



N 15
Black



N 16
Black



N 21
White



O 2
White



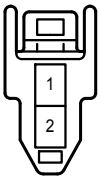
O 8
White



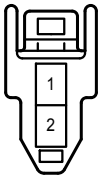
O 9
White



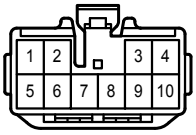
O 20
White



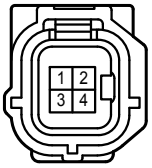
O 21
Gray



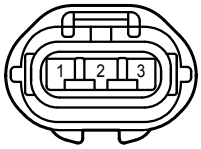
Q 12
White



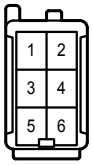
S 1
Black



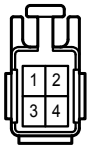
T 3
Black



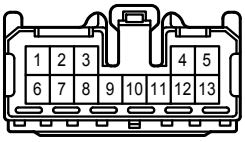
T 4
White



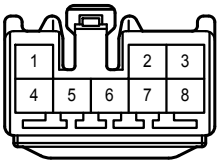
T 6
White



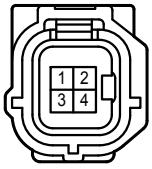
T 14
White



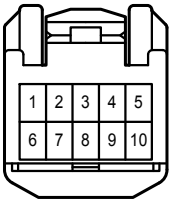
T 15
White



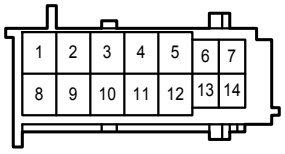
T 16
Black



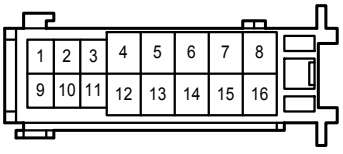
z 2
White



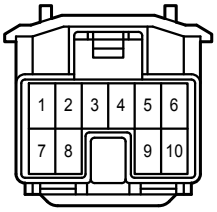
1C
White



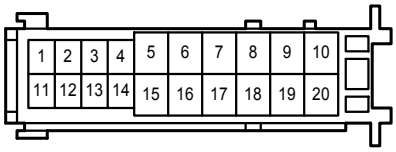
1D
White



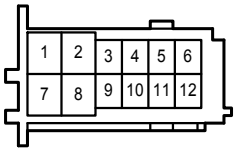
1E
Yellow



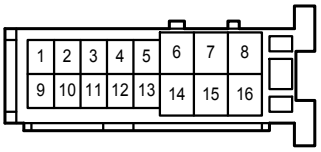
1F
White



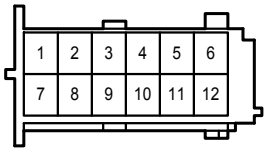
1G
White



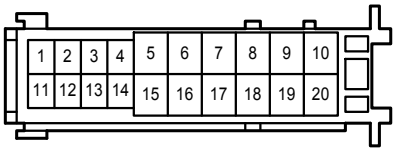
1H
White



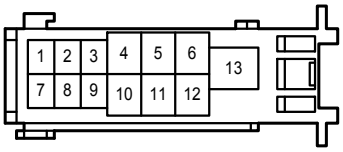
1L
White



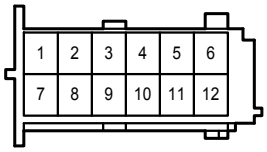
1M
White



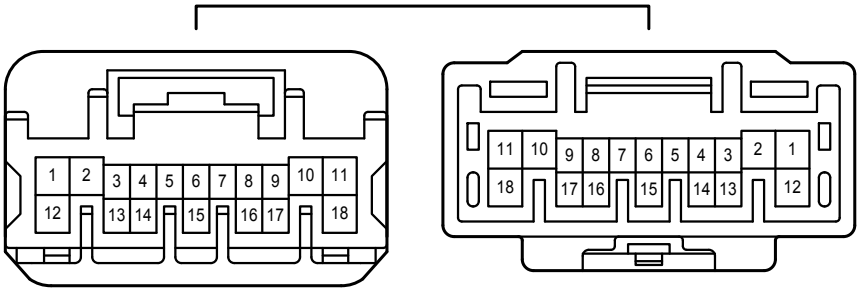
1O
White



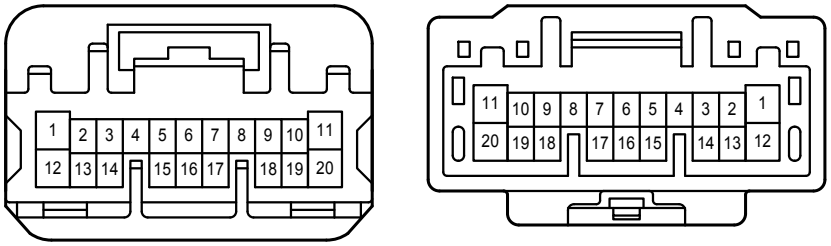
1P
White



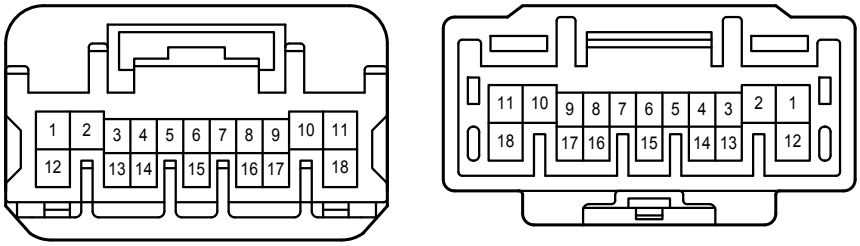
AD3
Blue



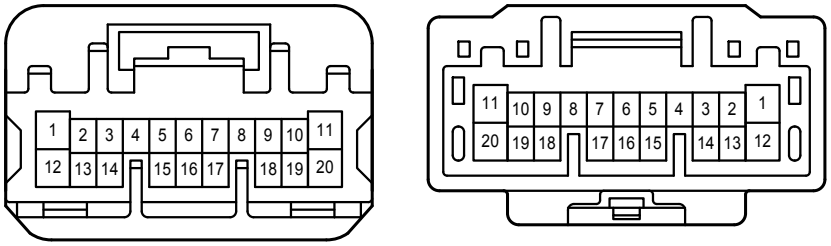
AD4
Gray



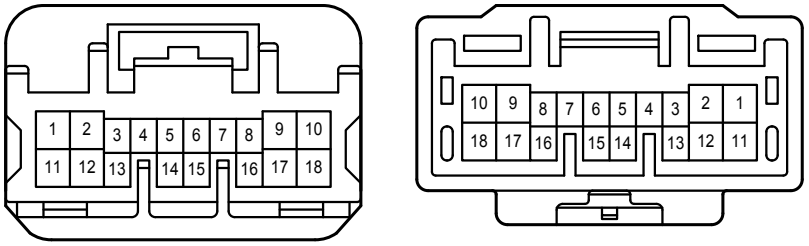
AD8
Blue



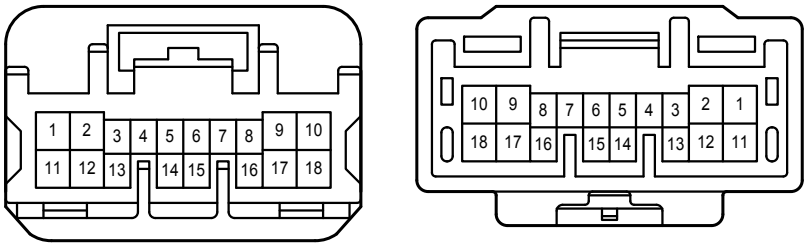
AD9
Gray



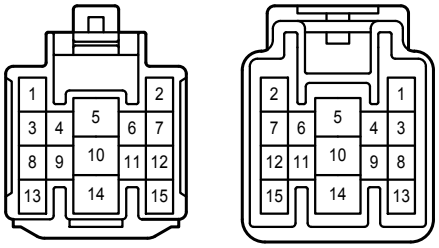
AD11
Blue



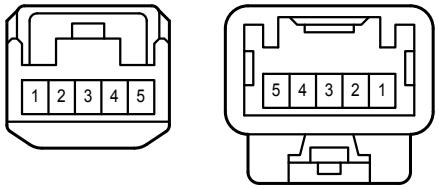
AD13
Blue



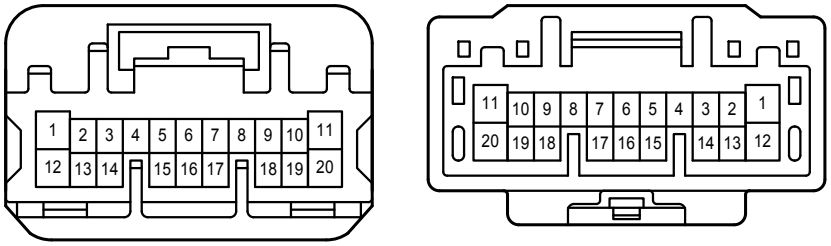
BA1
White



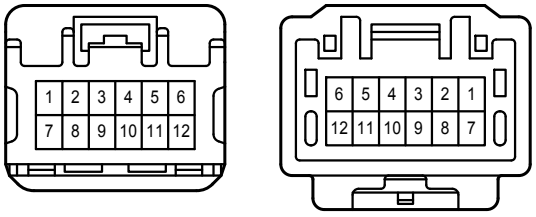
BB1
White



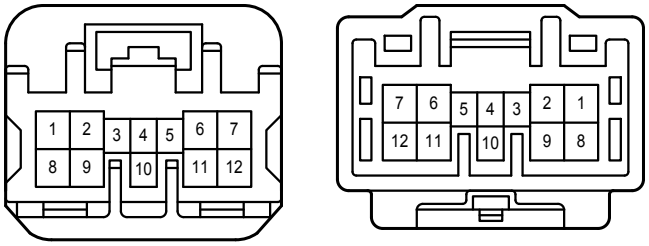
BD1
Gray



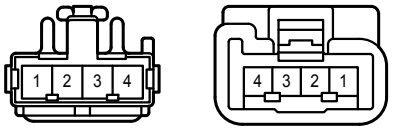
BD2
Gray



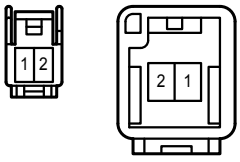
BD3
Gray



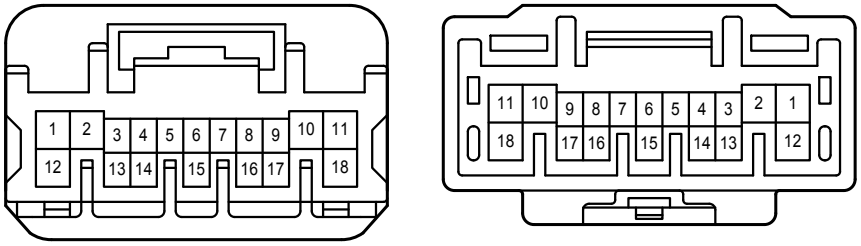
DD1
White

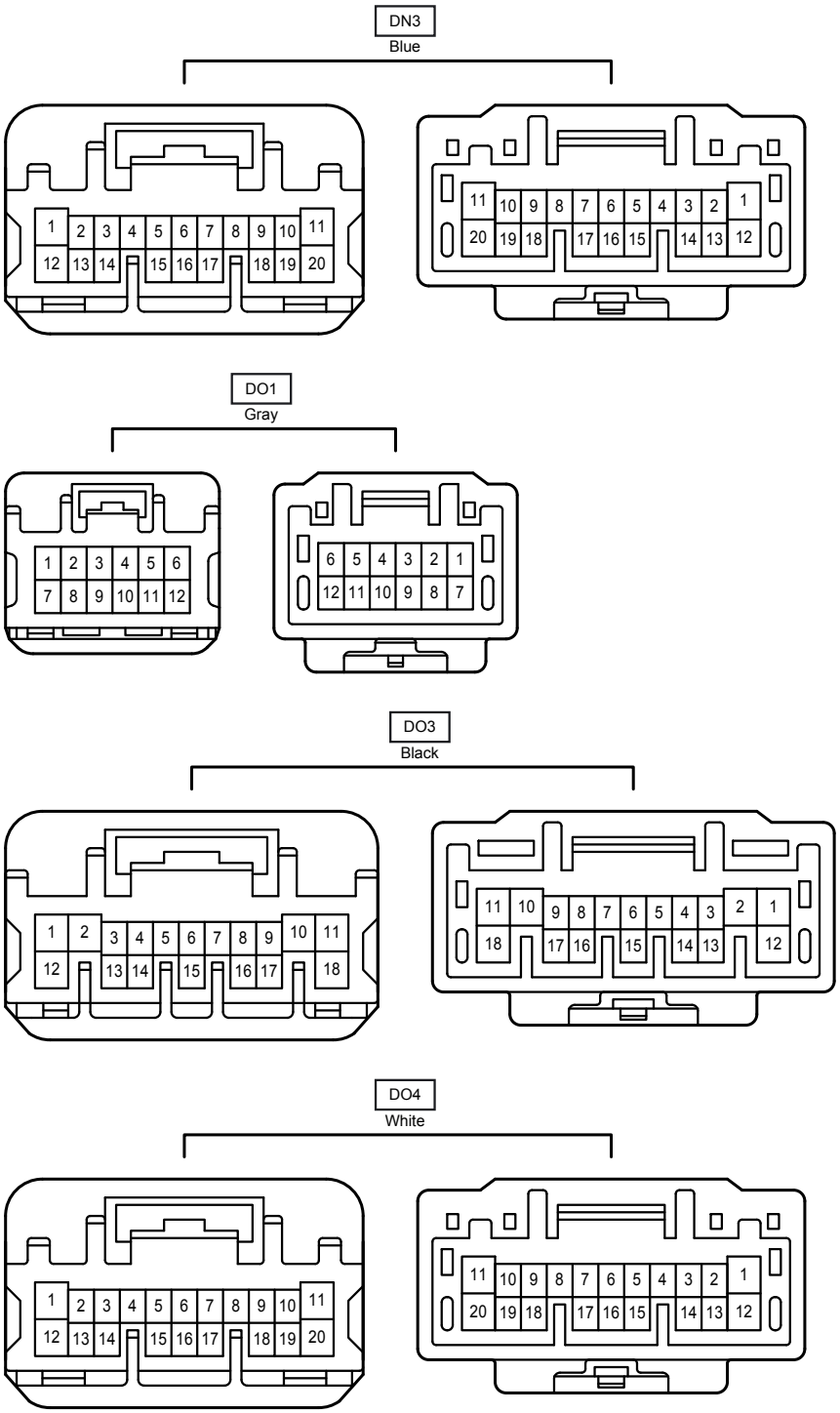


DD2
White

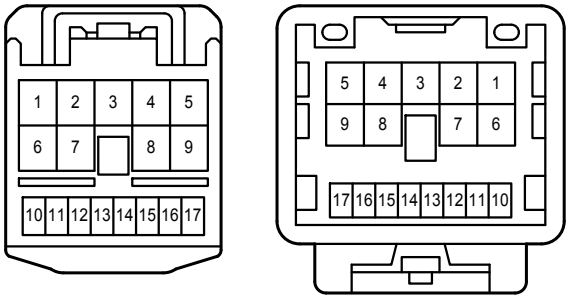


DN2
Black

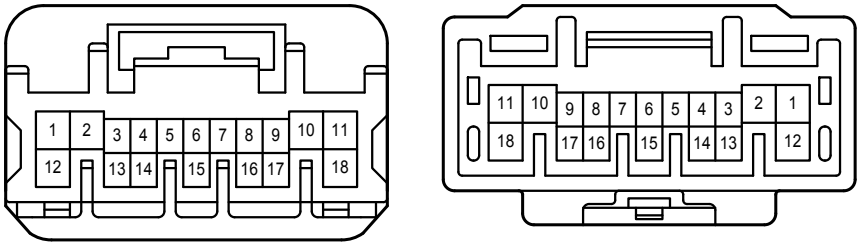



DN3
Blue
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12
DO1
Gray
1 2 3 4 5 6
7 8 9 10 11 12
6 5 4 3 2 1
12 11 10 9 8 7
DO3
Black
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18
11 10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12
DO4
White
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20
11 10 9 8 7 6 5 4 3 2 1
20 19 18 17 16 15 14 13 12

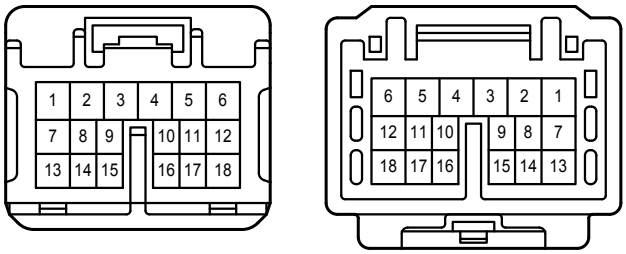
ED1
White



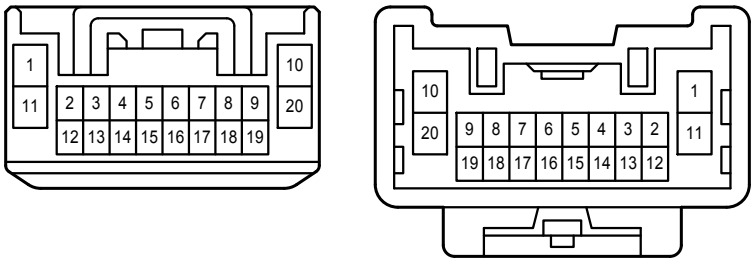
ED2
Blue



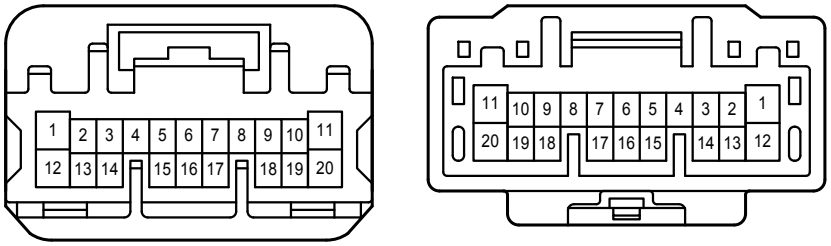
ED3
Black



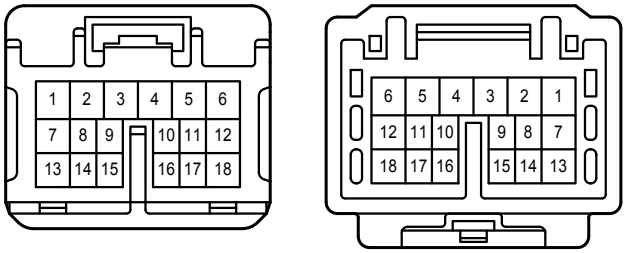
ED4
White



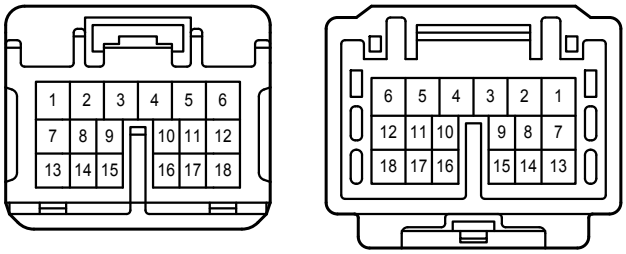
ED5
Gray



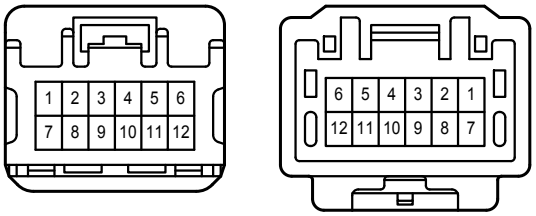
GD1
Black



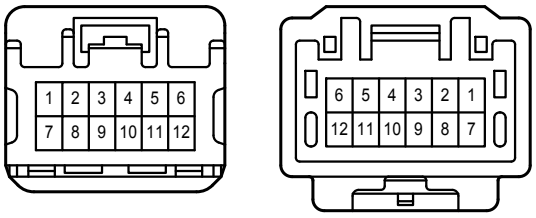
HD1
Black



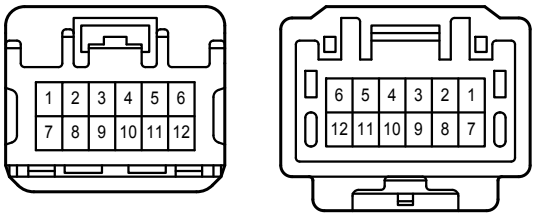
JN1
Gray



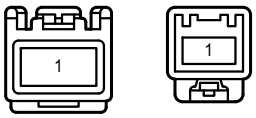
KO1
Gray



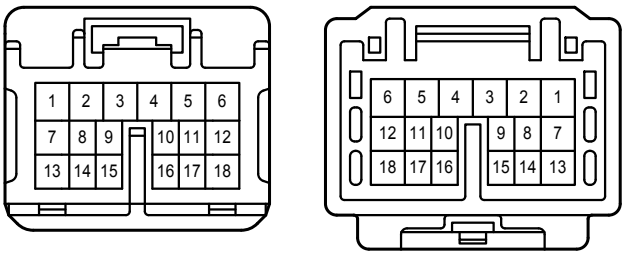
NE1
White



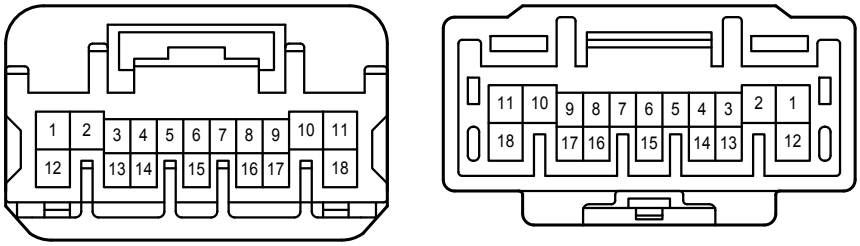
NE2
Blue



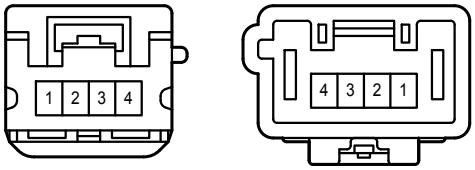
NO1
White



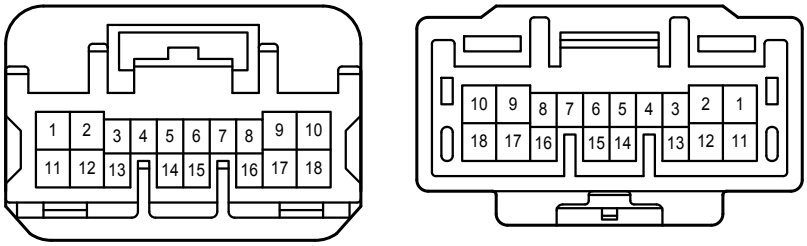
QE1
White



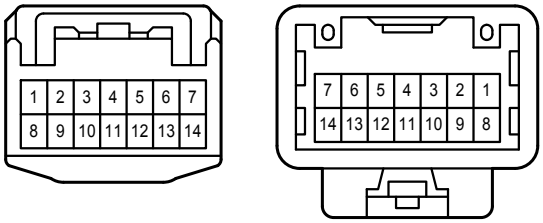
ST1
White



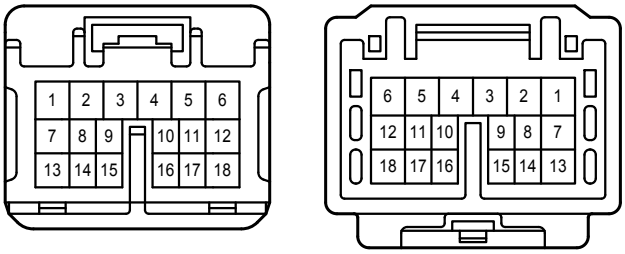
XO1
White



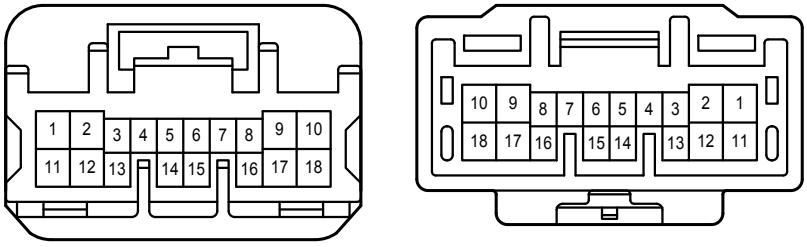
XO2
Blue

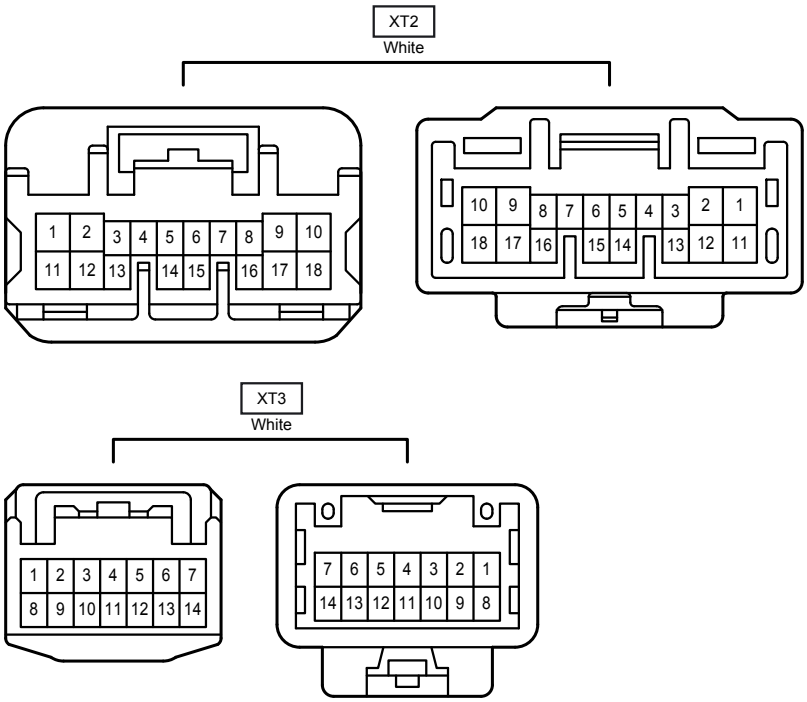


XO4
Black



XO5
White




XT2
White
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18
10 9 8 7 6 5 4 3 2 1
18 17 16 15 14 13 12 11
XT3
White
1 2 3 4 5 6 7
8 9 10 11 12 13 14
7 6 5 4 3 2 1
14 13 12 11 10 9 8