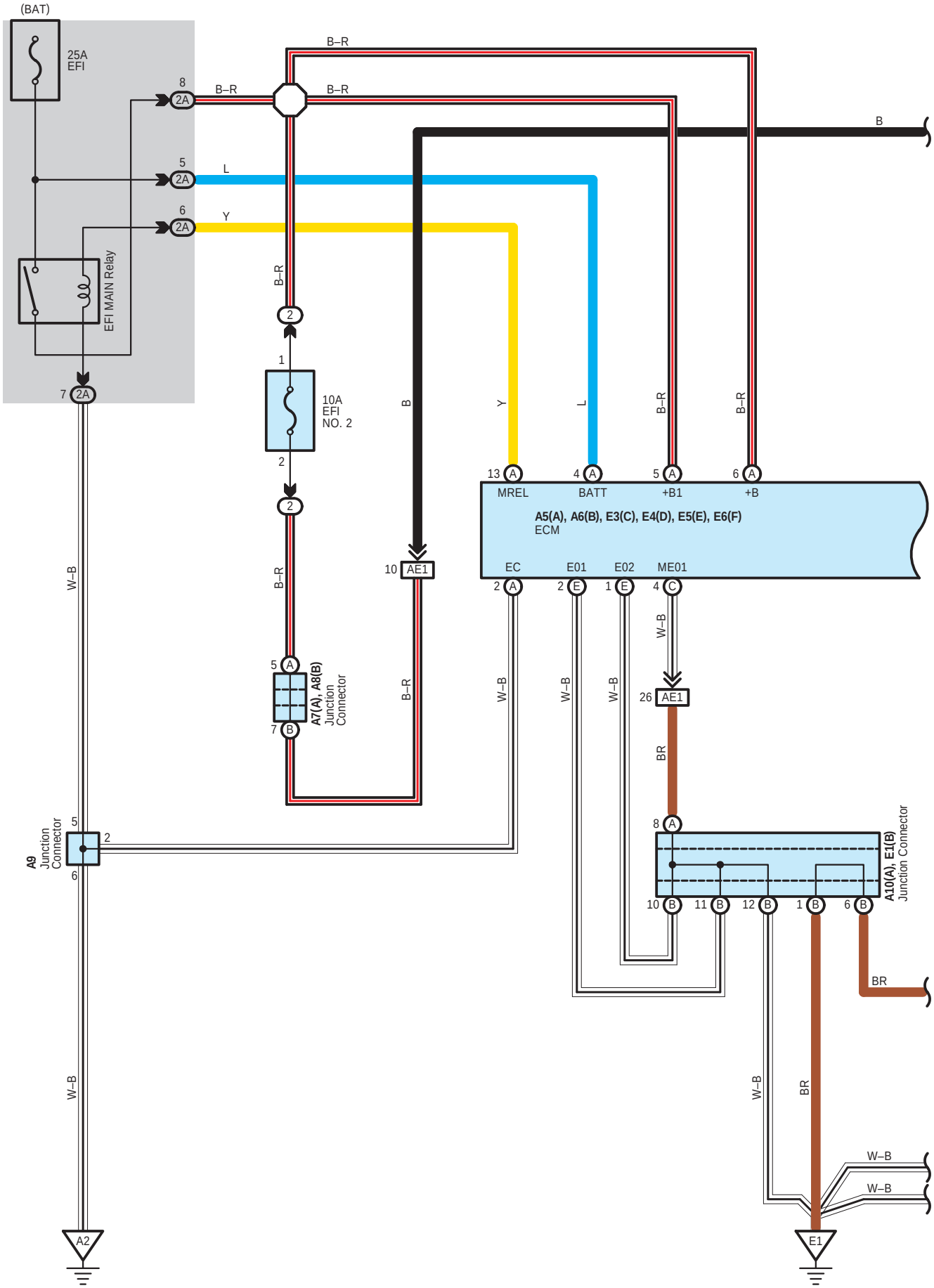
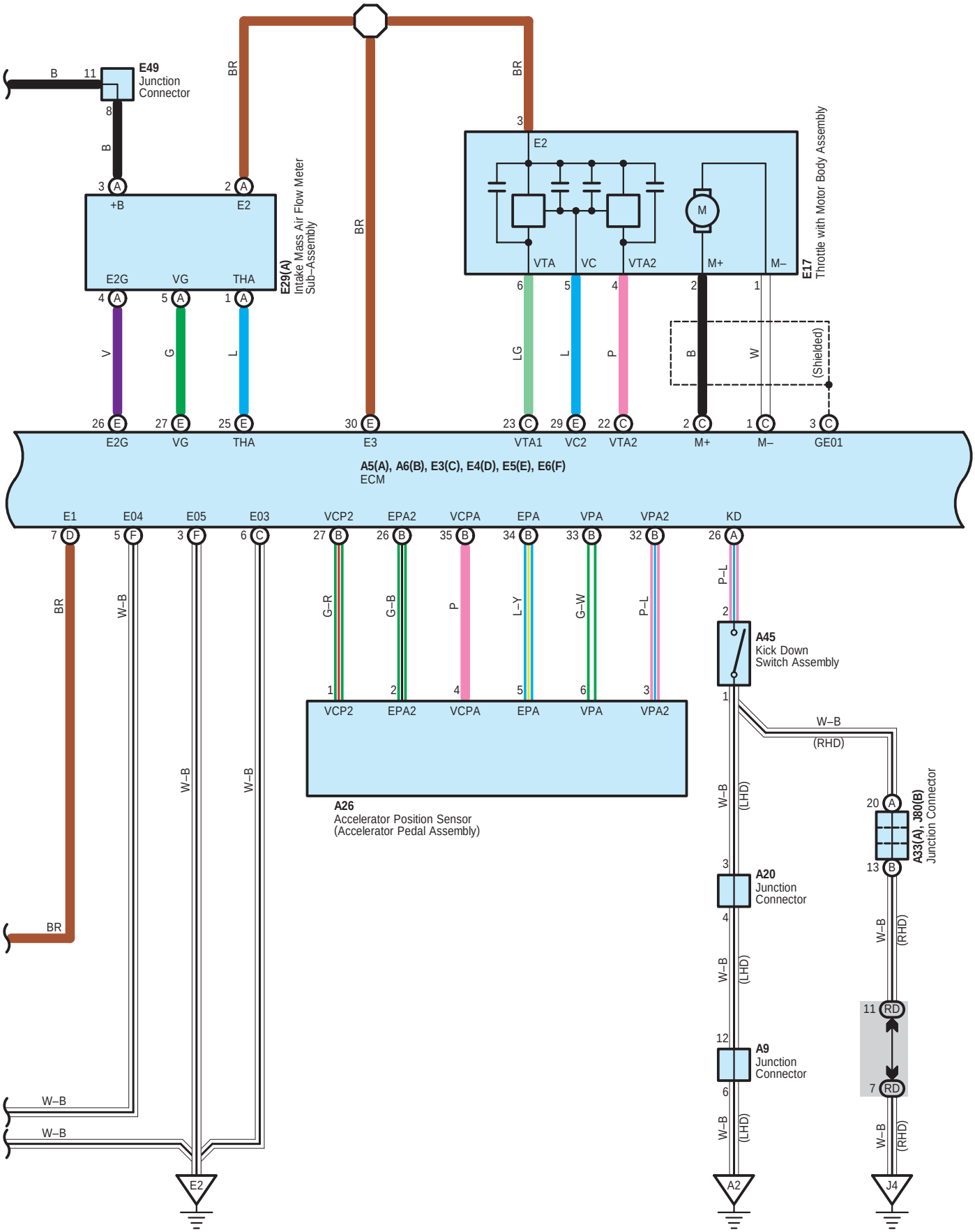
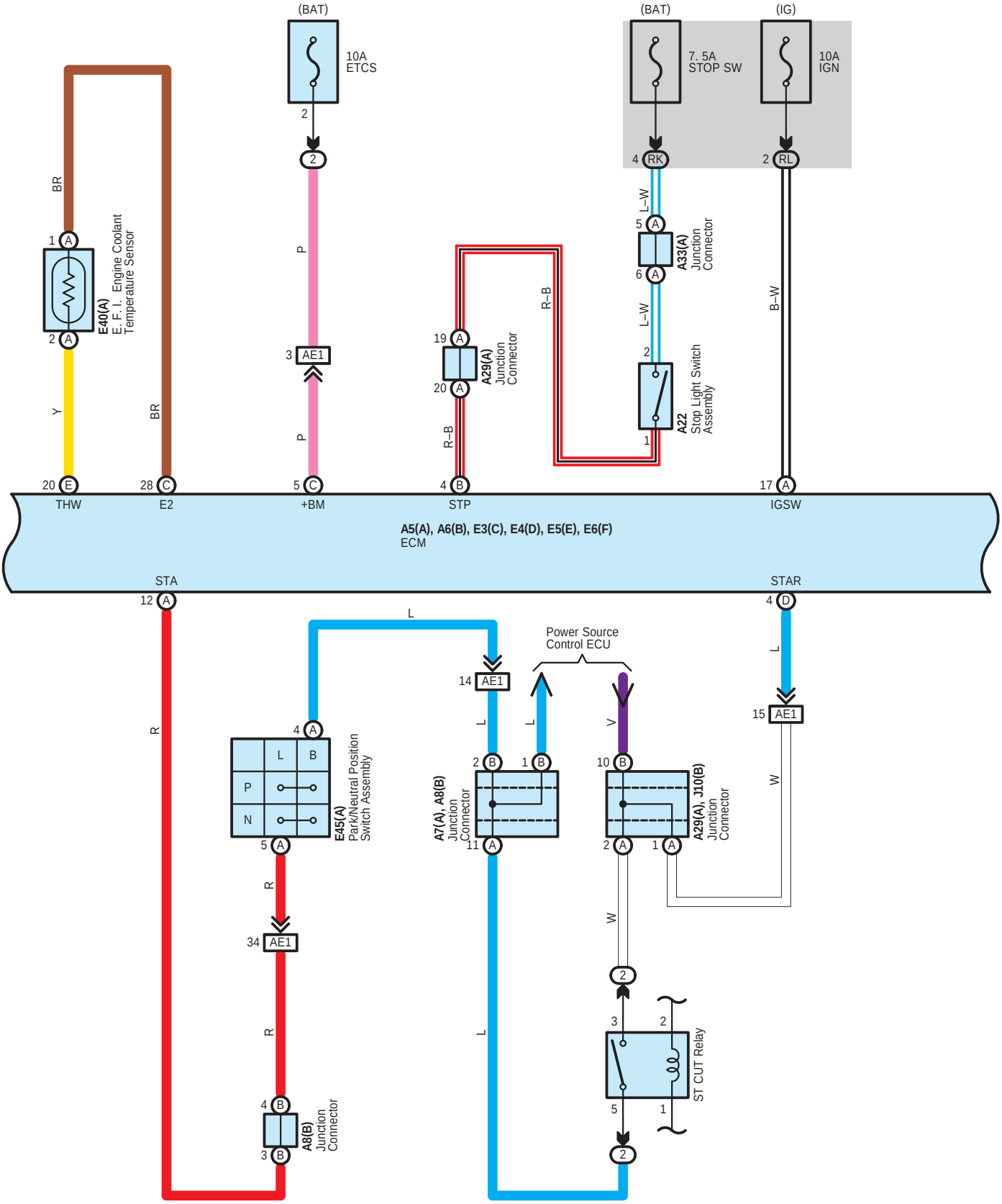
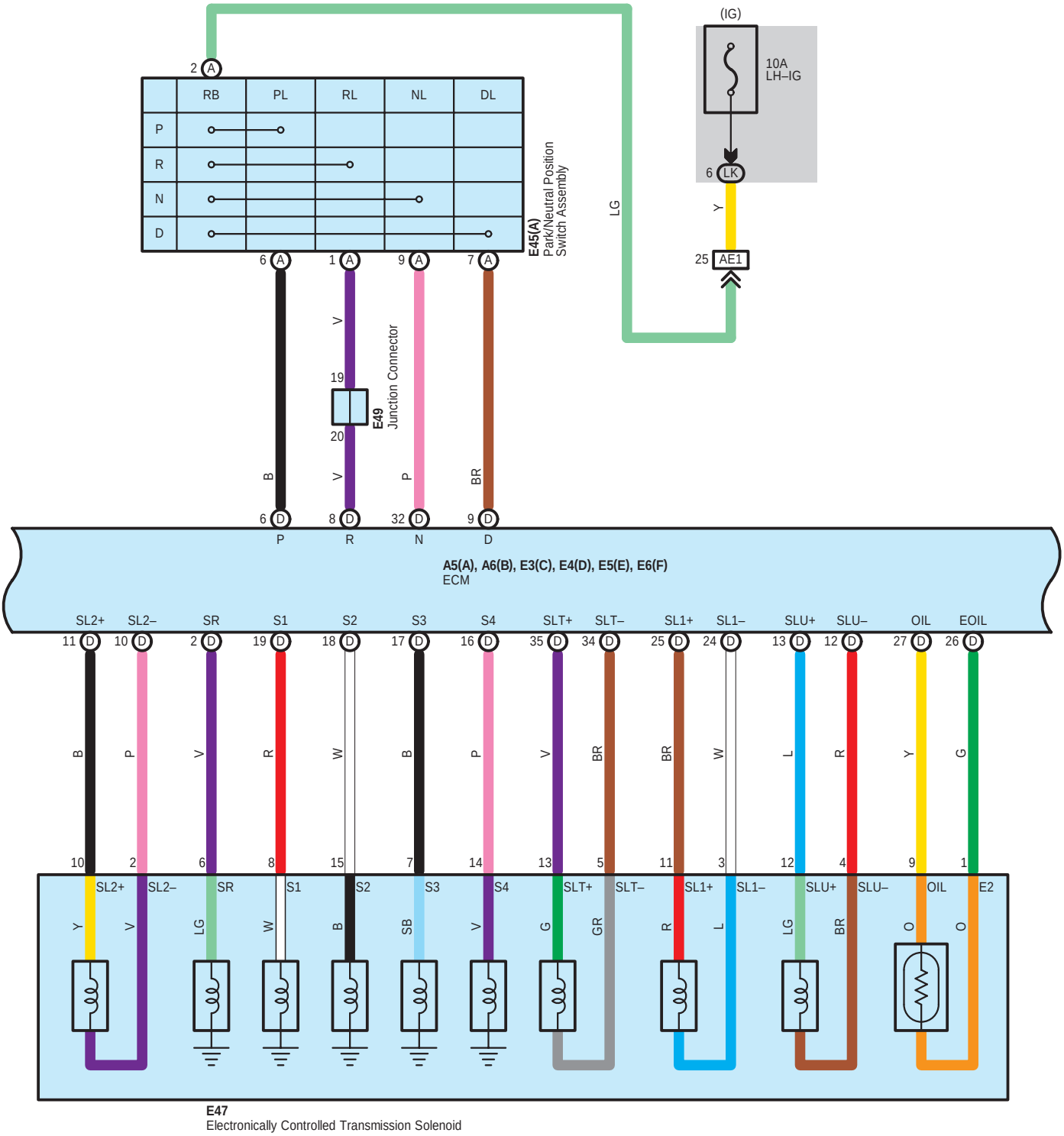
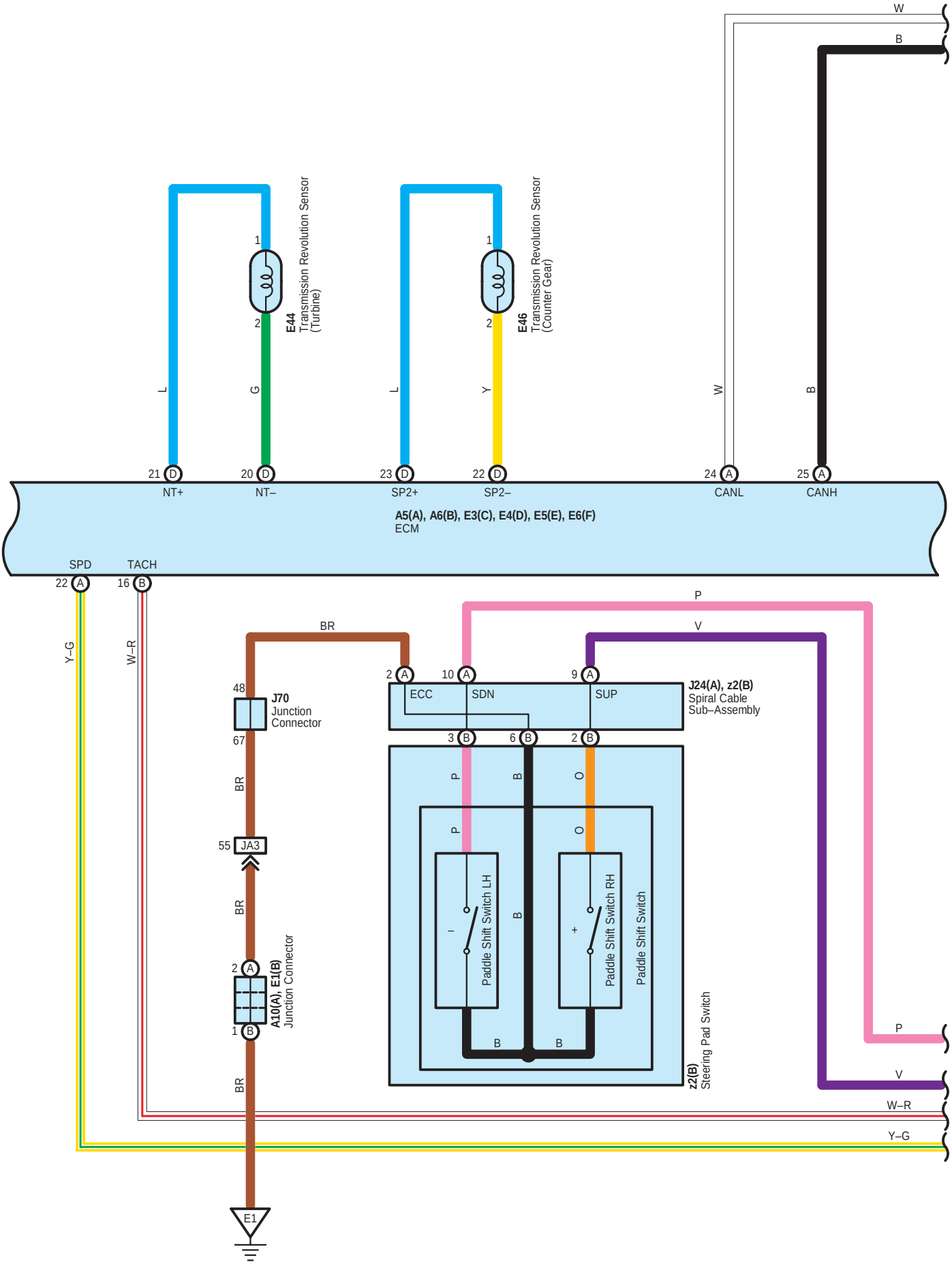
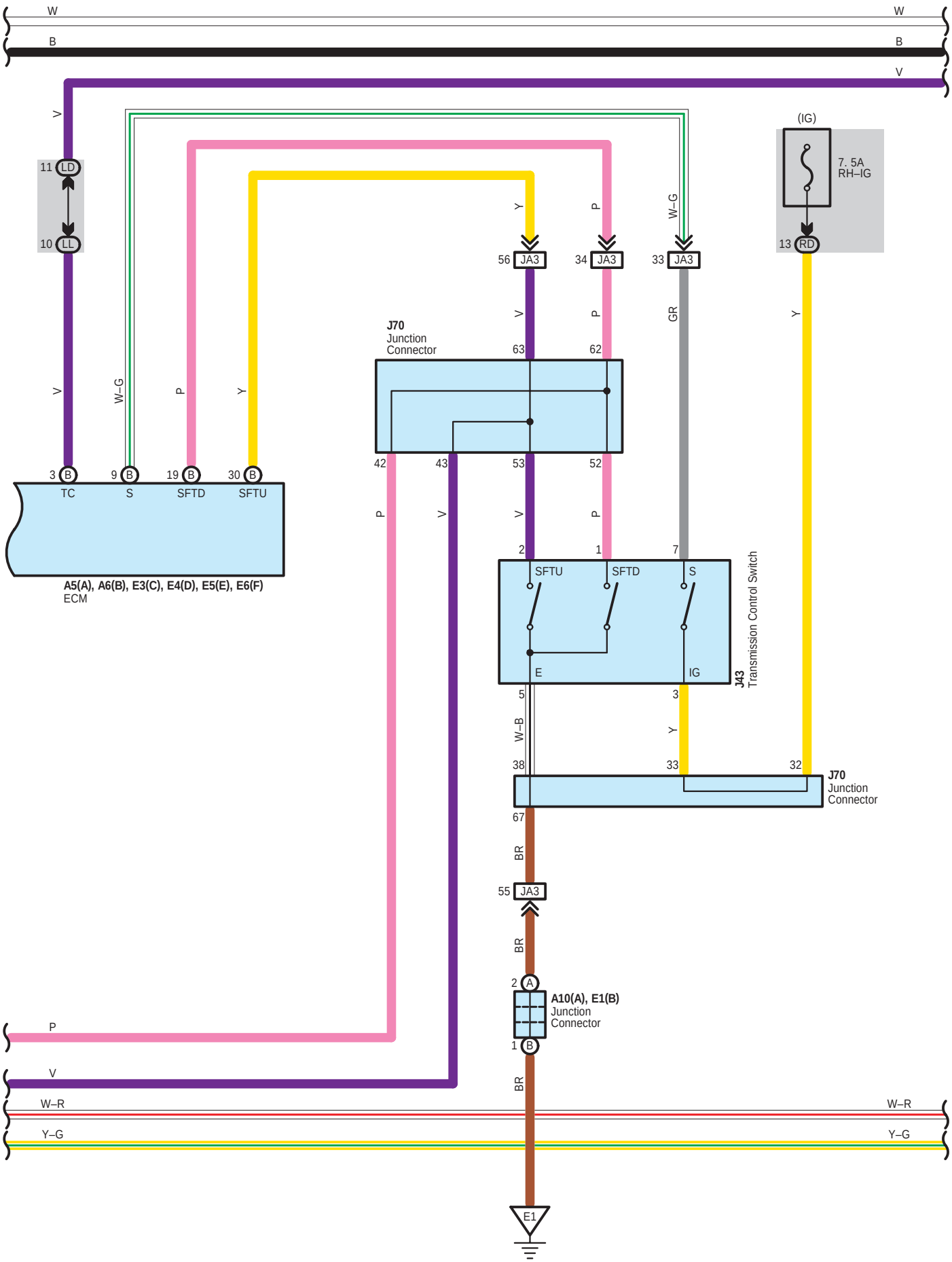

(BAT)
25A
EFI
8
2A
B–R
B–R
B–R
B
5
2A
L
6
2A
Y
EFI MAIN Relay
B–R
2
1
10A
EFI
NO. 2
2
7
2A
B
Y
L
B–R
B–R
13 A
MREL
4 A
BATT
5 A
+B1
6 A
+B
A5(A), A6(B), E3(C), E4(D), E5(E), E6(F)
ECM
EC
E01
E02
ME01
2 A
2 E
1 E
4 C
10 AE1
W–B
B–R
5 A
7 B
A7(A), A8(B)
Junction
Connector
B–R
W–B
W–B
W–B
W–B
26 AE1
BR
8 A
A10(A), E1(B)
Junction Connector
10 B
11 B
12 B
1 B
6 B
BR
5
2
6
A9
Junction
Connector
W–B
W–B
BR
W–B
W–B
A2
E1

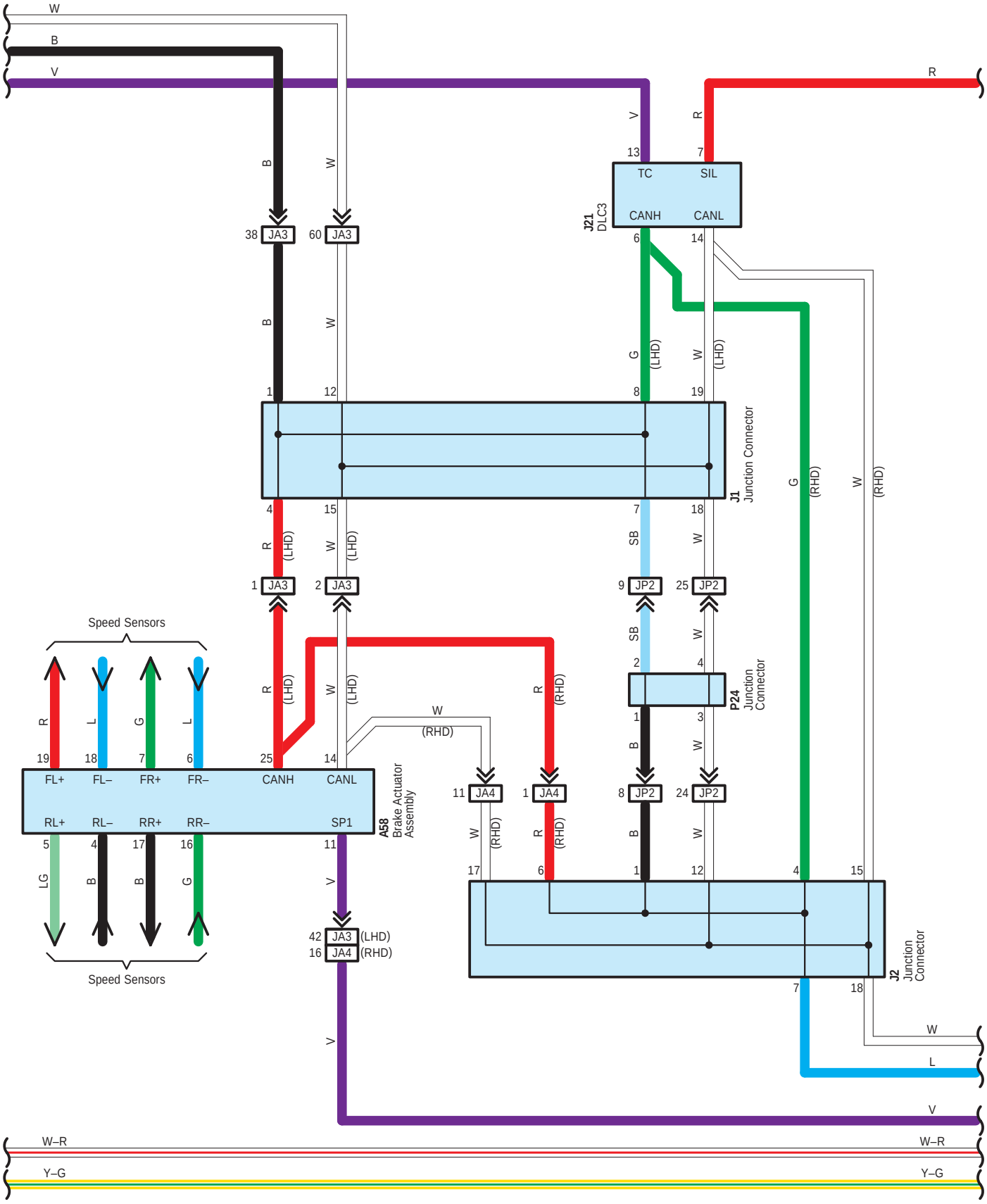

E49
Junction
Connector
B
11
8
B
BR
BR
BR
3
2
+B
E2
E29(A)
Intake Mass Air Flow Meter
Sub–Assembly
E2G
VG
THA
4
5
1
V
G
L
26
27
25
30
E2G
VG
THA
E3
E2
M
VTA
VC
VTA2
M+
M–
E17
Throttle with Motor Body Assembly
6
5
4
2
1
LG
L
P
B
W
(Shielded)
23
29
22
2
1
3
VTA1
VC2
VTA2
M+
M–
GE01
A5(A), A6(B), E3(C), E4(D), E5(E), E6(F)
ECM
E1
E04
E05
E03
VCP2
EPA2
VCPA
EPA
VPA
VPA2
KD
7
5
3
6
27
26
35
34
33
32
26
BR
W–B
W–B
W–B
G–R
G–B
P
L–Y
G–W
P–L
P–L
1
2
4
5
6
3
2
VCP2
EPA2
VCPA
EPA
VPA
VPA2
A26
Accelerator Position Sensor
(Accelerator Pedal Assembly)
A45
Kick Down
Switch Assembly
1
W–B
(RHD)
W–B
(LHD)
20
13
A33(A), J80(B)
Junction Connector
3
A20
Junction
Connector
4
W–B
(LHD)
W–B
(RHD)
11
RD
12
A9
Junction
Connector
6
7
RD
W–B
(LHD)
W–B
(RHD)
BR
W–B
W–B
E2
A2
J4

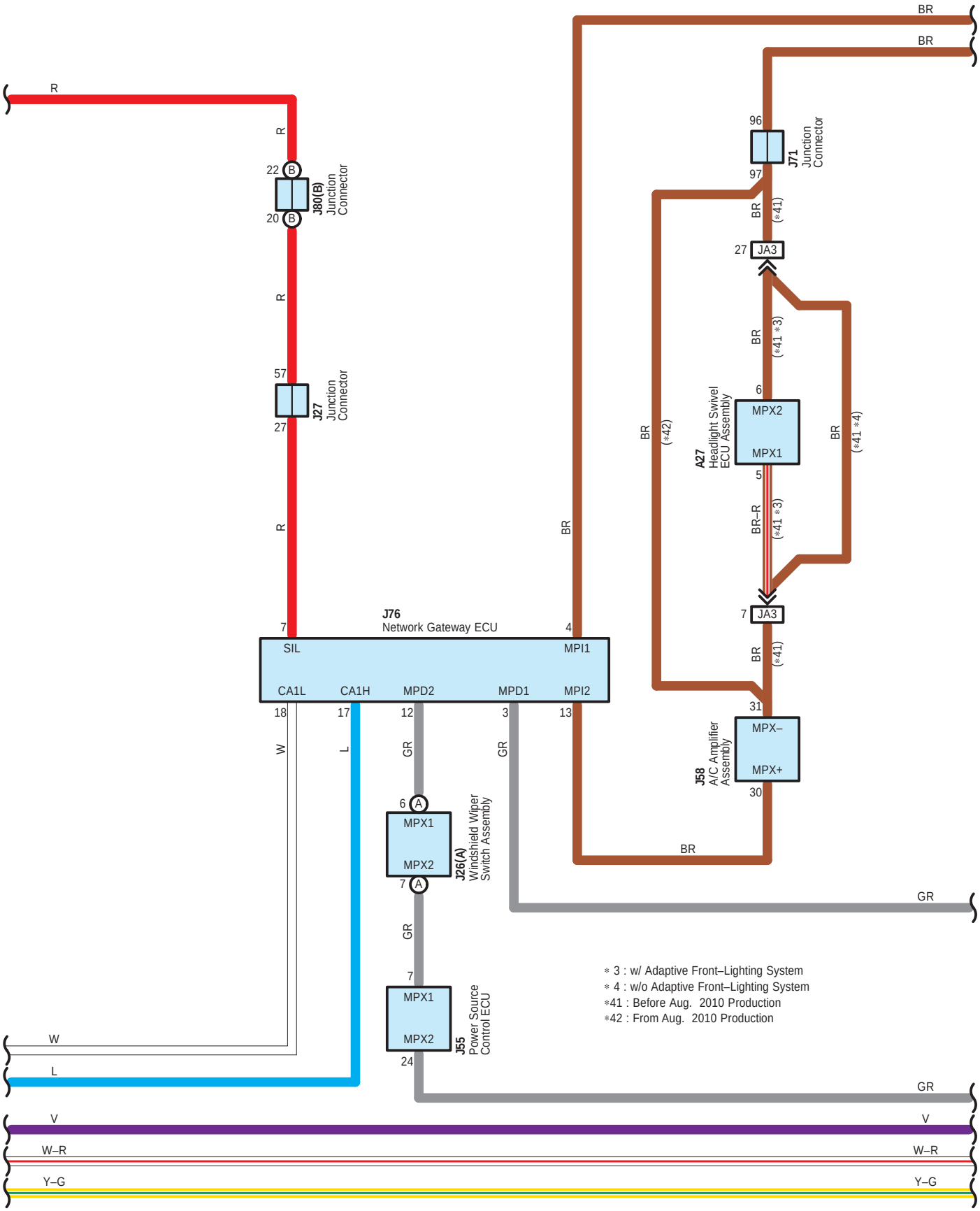

(BAT)
10A
ETCS
(BAT)
7. 5A
STOP SW
(IG)
10A
IGN
BR
E40(A)
E. F. I. Engine Coolant
Temperature Sensor
Y
BR
P
P
AE1
R–B
R–B
A29(A)
Junction
Connector
L–W
L–W
A33(A)
Junction
Connector
A22
Stop Light Switch
Assembly
B–W
THW
E2
+BM
STP
IGSW
A5(A), A6(B), E3(C), E4(D), E5(E), E6(F)
ECM
STA
STAR
L
R
Power Source
Control ECU
E45(A)
Park/Neutral Position
Switch Assembly
A7(A), A8(B)
Junction
Connector
A29(A), J10(B)
Junction
Connector
W
A8(B)
Junction
Connector
ST CUT Relay

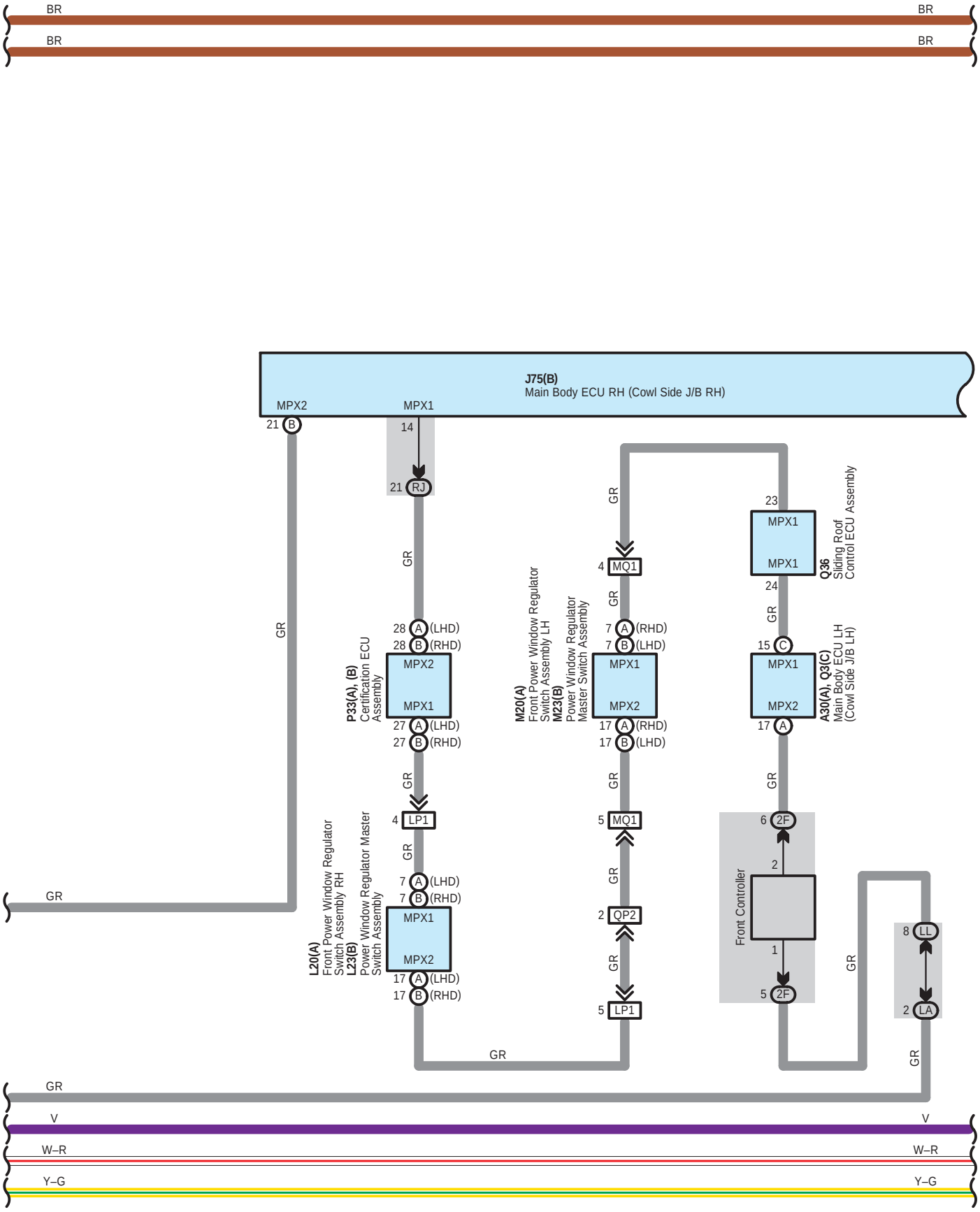

(IG)
10A
LH–IG
6 LK
Y
25 AE1
LG
2 A
RB PL RL NL DL
P
R
N
D
E45(A)
Park/Neutral Position
Switch Assembly
6 A 1 A 9 A 7 A
V
19
20
E49
Junction Connector
B V P BR
6 D 8 D 32 D 9 D
P R N D
A5(A), A6(B), E3(C), E4(D), E5(E), E6(F)
ECM
SL2+ SL2– SR S1 S2 S3 S4 SLT+ SLT– SL1+ SL1– SLU+ SLU– OIL EOIL
11 D 10 D 2 D 19 D 18 D 17 D 16 D 35 D 34 D 25 D 24 D 13 D 12 D 27 D 26 D
B P V R W B P V BR BR W L R Y G
10 2 6 8 15 7 14 13 5 11 3 12 4 9 1
SL2+ SL2– SR S1 S2 S3 S4 SLT+ SLT– SL1+ SL1– SLU+ SLU– OIL E2
Y V LG W B SB V G GR R L LG BR O O
E47
Electronically Controlled Transmission Solenoid

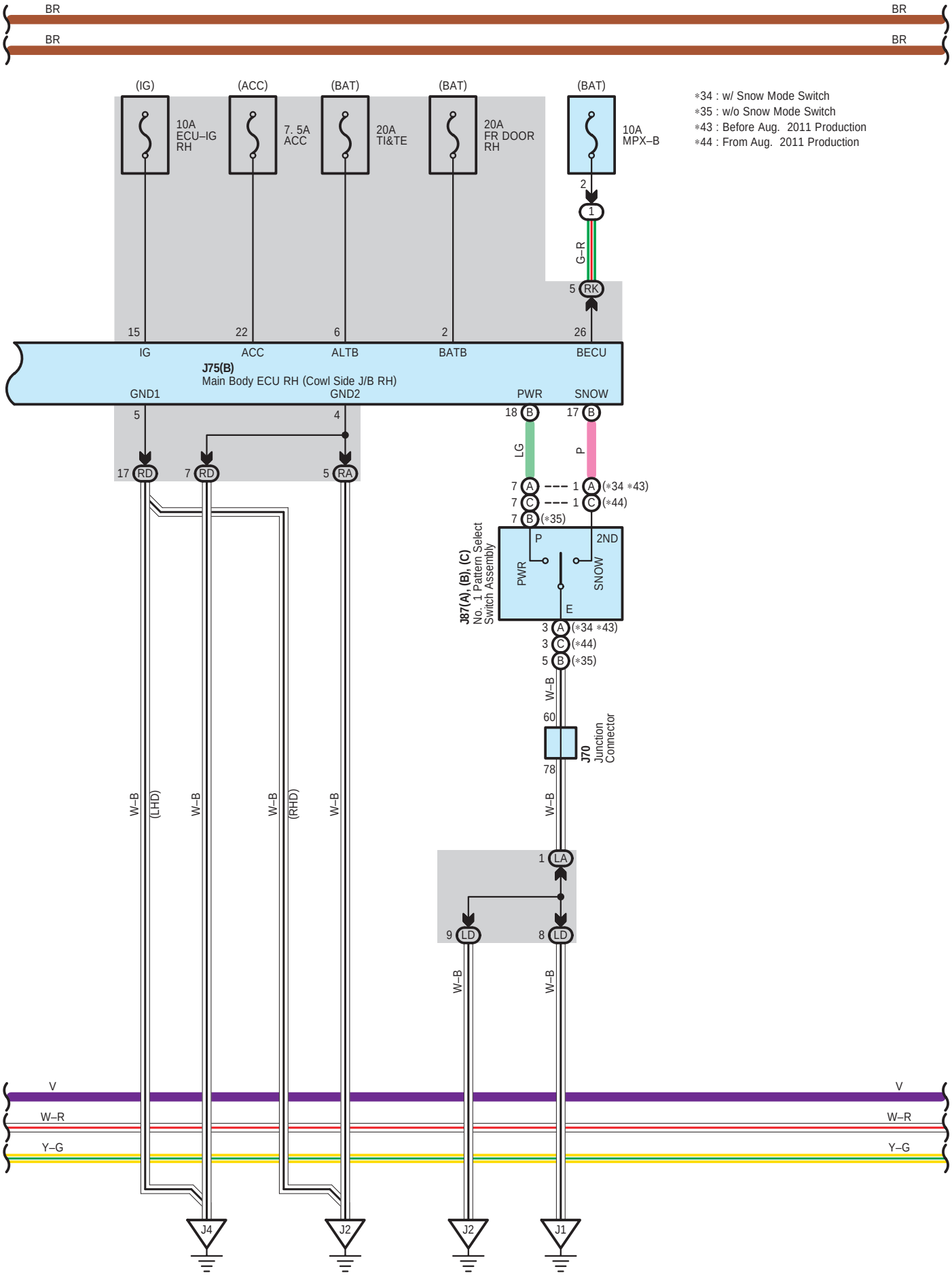

E44
Transmission Revolution Sensor
(Turbine)
E46
Transmission Revolution Sensor
(Counter Gear)
21 D NT+
20 D NT–
23 D SP2+
22 D SP2–
24 A CANL
25 A CANH
A5(A), A6(B), E3(C), E4(D), E5(E), E6(F)
ECM
SPD
TACH
22 A
16 B
J70
Junction
Connector
48
67
55 JA3
A10(A), E1(B)
Junction Connector
2 A
1 B
E1
2 A ECC
10 A SDN
9 A SUP
J24(A), z2(B)
Spiral Cable
Sub–Assembly
3 B
6 B
2 B
Paddle Shift Switch LH
Paddle Shift Switch RH
Paddle Shift Switch
z2(B)
Steering Pad Switch
W
B
L
G
Y
P
V
BR
O
W–R
Y–G

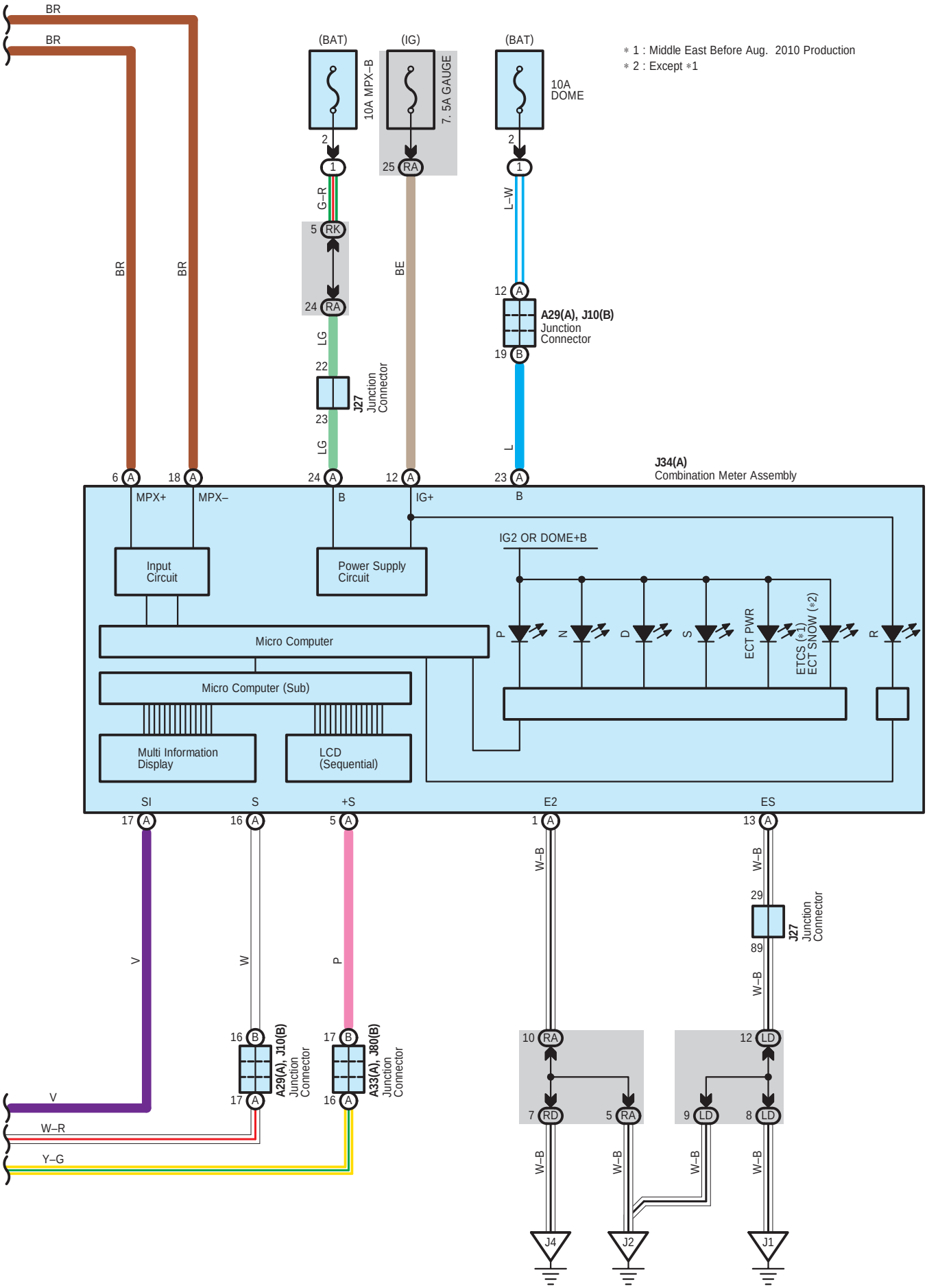

W
B
V
11 LD
10 LL
(IG)
7. 5A
RH–IG
13 RD
56 JA3
34 JA3
33 JA3
J70
Junction
Connector
63
62
42
43
53
52
3 B
9 B
19 B
30 B
TC
S
SFTD
SFTU
A5(A), A6(B), E3(C), E4(D), E5(E), E6(F)
ECM
W–G
P
Y
GR
2
1
7
SFTU
SFTD
S
E
IG
J43
Transmission Control Switch
5
3
W–B
38
33
32
J70
Junction
Connector
67
BR
55 JA3
2 A
A10(A), E1(B)
Junction
Connector
1 B
W–R
Y–G
E1


W
B
V
R
V
R
13
7
TC
SIL
CANH
CANL
J21
DLC3
6
14
B
W
38
JA3
60
JA3
B
W
G
(LHD)
W
(LHD)
1
12
8
19
J1
Junction Connector
G
(RHD)
W
(RHD)
4
15
7
18
R
(LHD)
W
(LHD)
SB
W
1
JA3
2
JA3
9
JP2
25
JP2
Speed Sensors
SB
W
2
4
P24
Junction Connector
R
(LHD)
W
(LHD)
R
(RHD)
W
(RHD)
1
3
B
W
R
L
G
L
19
18
7
6
25
14
FL+
FL–
FR+
FR–
CANH
CANL
A58
Brake Actuator Assembly
11
JA4
1
JA4
8
JP2
24
JP2
RL+
RL–
RR+
RR–
SP1
W
(RHD)
R
(RHD)
B
W
5
4
17
16
11
17
6
1
12
4
15
LG
B
B
G
V
42
JA3
(LHD)
16
JA4
(RHD)
J2
Junction Connector
7
18
Speed Sensors
W
L
V
V
W–R
W–R
Y–G
Y–G

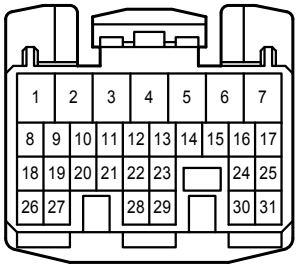

R
R
22 B
20 B
J80(B)
Junction
Connector
R
57
27
J27
Junction
Connector
R
7
J76
Network Gateway ECU
SIL
CA1L
CA1H
MPD2
MPD1
MPI1
MPI2
4
18
17
12
3
13
W
L
GR
GR
BR
BR
96
97
J71
Junction
Connector
BR
(*41)
27 JA3
BR
(*41 *3)
6
MPX2
MPX1
5
A27
Headlight Swivel
ECU Assembly
BR
(*42)
BR
(*41 *4)
BR–R
(*41 *3)
7 JA3
BR
(*41)
31
MPX–
MPX+
30
J58
A/C Amplifier
Assembly
BR
6 A
MPX1
MPX2
7 A
J26(A)
Windshield Wiper
Switch Assembly
GR
GR
7
MPX1
MPX2
24
J55
Power Source
Control ECU
W
L
GR
V
V
W–R
W–R
Y–G
Y–G
∗ 3 : w/ Adaptive Front–Lighting System
∗ 4 : w/o Adaptive Front–Lighting System
∗41 : Before Aug. 2010 Production
∗42 : From Aug. 2010 Production


BR
BR
BR
BR
J75(B)
Main Body ECU RH (Cowl Side J/B RH)
MPX2
MPX1
21 B
14
21 RJ
GR
28 A (LHD)
28 B (RHD)
MPX2
MPX1
P33(A), (B)
Certification ECU Assembly
27 A (LHD)
27 B (RHD)
4 LP1
7 A (LHD)
7 B (RHD)
MPX1
MPX2
L20(A)
Front Power Window Regulator Switch Assembly RH
L23(B)
Power Window Regulator Master Switch Assembly
17 A (LHD)
17 B (RHD)
GR
4 MQ1
7 A (RHD)
7 B (LHD)
MPX1
MPX2
M20(A)
Front Power Window Regulator Switch Assembly LH
M23(B)
Power Window Regulator Master Switch Assembly
17 A (RHD)
17 B (LHD)
5 MQ1
2 QP2
5 LP1
23
MPX1
MPX1
Q36
Sliding Roof Control ECU Assembly
24
15 C
MPX1
MPX2
A30(A), Q3(C)
Main Body ECU LH (Cowl Side J/B LH)
17 A
6 2F
2
Front Controller
1
5 2F
8 LL
2 LA
GR
V
W–R
Y–G

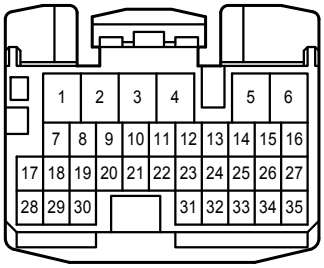

BR
BR
BR
BR
(IG)
(ACC)
(BAT)
(BAT)
(BAT)
10A
ECU–IG
RH
7. 5A
ACC
20A
TI&TE
20A
FR DOOR
RH
10A
MPX–B
∗34 : w/ Snow Mode Switch
∗35 : w/o Snow Mode Switch
∗43 : Before Aug. 2011 Production
∗44 : From Aug. 2011 Production
2
1
G–R
5 RK
15
22
6
2
26
IG
ACC
ALTB
BATB
BECU
J75(B)
Main Body ECU RH (Cowl Side J/B RH)
GND1
GND2
PWR
SNOW
5
4
18 B
17 B
LG
P
17 RD
7 RD
5 RA
7 A
7 C
7 B (∗35)
1 A (∗34 ∗43)
1 C (∗44)
J87(A), (B), (C)
No. 1 Pattern Select
Switch Assembly
P
2ND
PWR
SNOW
E
3 A (∗34 ∗43)
3 C (∗44)
5 B (∗35)
W–B
60
J70
Junction
Connector
78
W–B
(LHD)
W–B
W–B
(RHD)
W–B
1 LA
9 LD
8 LD
W–B
W–B
V
W–R
Y–G
V
W–R
Y–G
J4
J2
J2
J1


BR
BR
BR
BR
(BAT)
10A MPX–B
(IG)
7. 5A GAUGE
(BAT)
10A
DOME
∗ 1 : Middle East Before Aug. 2010 Production
∗ 2 : Except ∗1
G–R
L–W
BE
LG
LG
L
A29(A), J10(B)
Junction
Connector
J27
Junction
Connector
J34(A)
Combination Meter Assembly
MPX+
MPX–
B
IG+
B
Input
Circuit
Power Supply
Circuit
IG2 OR DOME+B
Micro Computer
Micro Computer (Sub)
Multi Information
Display
LCD
(Sequential)
P
N
D
S
ECT PWR
ETCS (∗1)
ECT SNOW (∗2)
R
SI
S
+S
E2
ES
V
W
P
W–B
W–B
A29(A), J10(B)
Junction
Connector
A33(A), J80(B)
Junction
Connector
J27
Junction
Connector
V
W–R
Y–G
W–B
W–B
W–B
W–B
J4
J2
J1

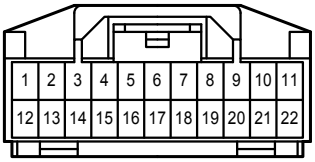
A 5
White



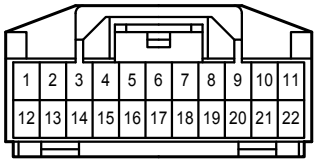
A 6
White



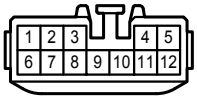
A 7
Blue



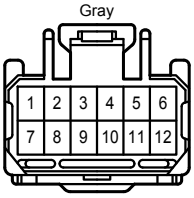
A 8
Blue



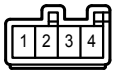
A 9
White



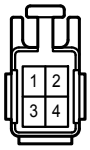
A 10
Gray



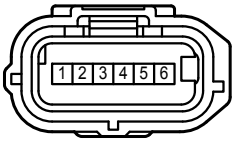
A 20
Black



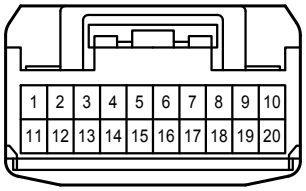
A 22
Green



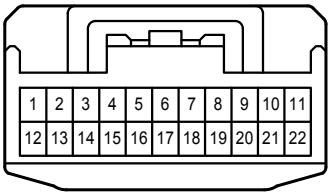
A 26
Black



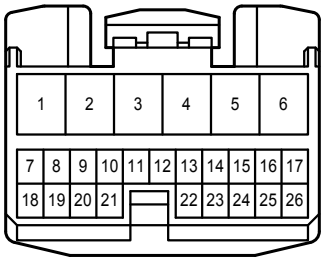
A 27
White



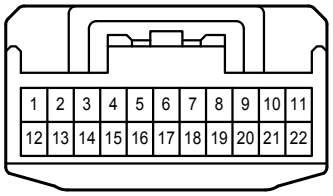
A 29
Black



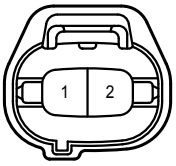
A 30
White



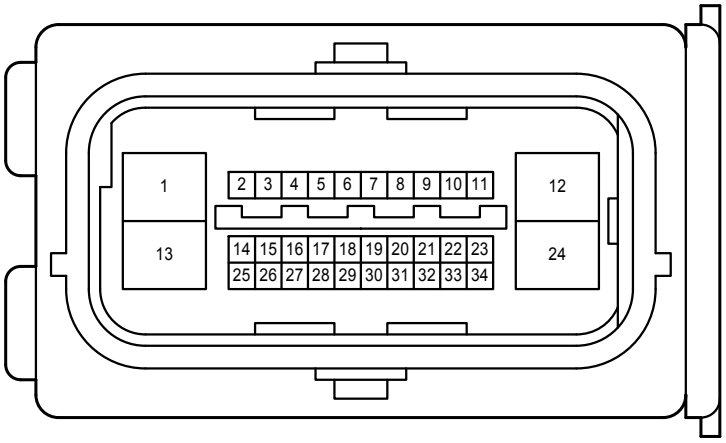
A 33
Black



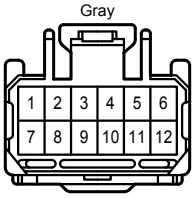
A 45
Black



A 58
Black



E 1
Gray



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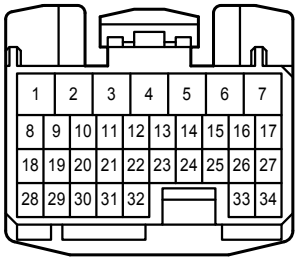

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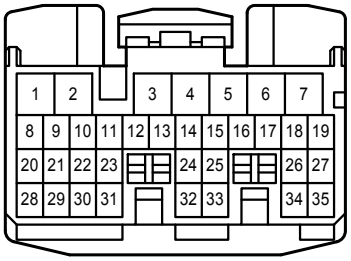

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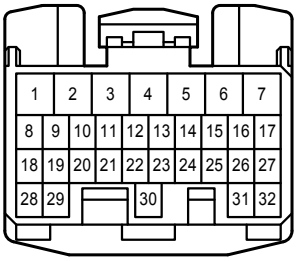

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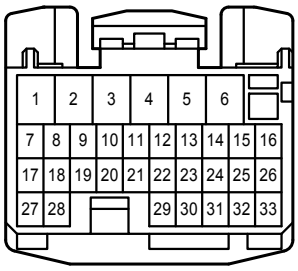

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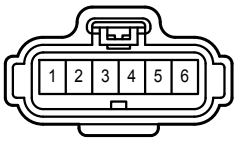

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E 40
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E 44
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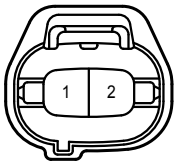

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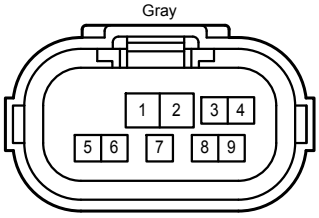

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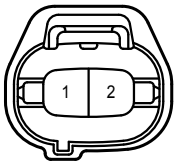

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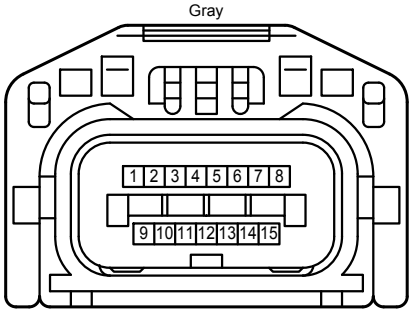

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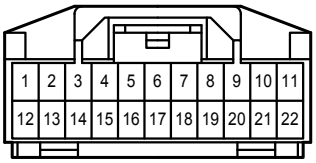

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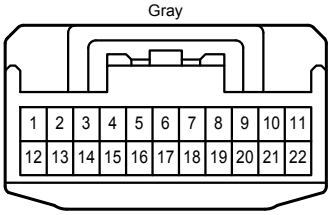

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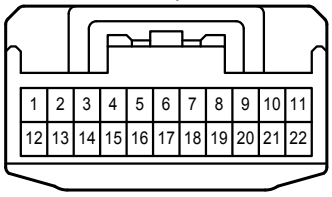

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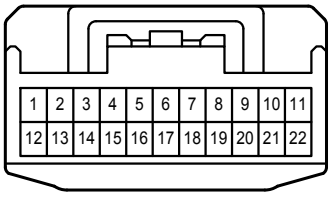

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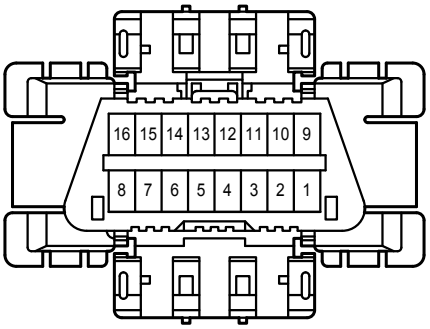

J 24
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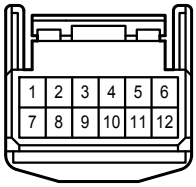

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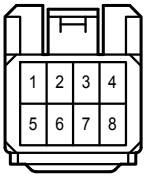

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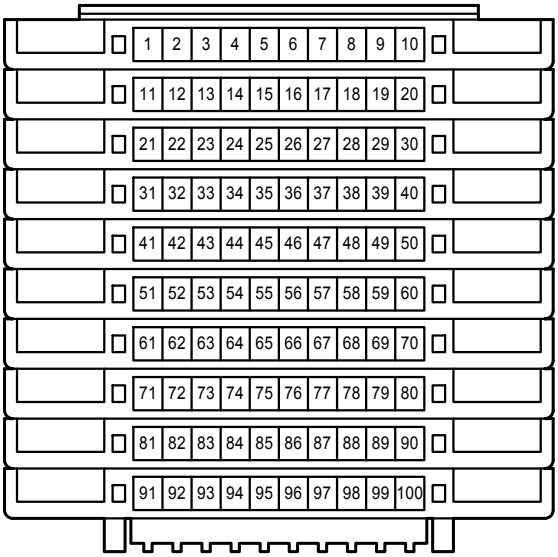

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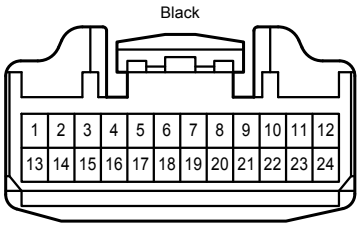

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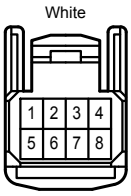

J 55
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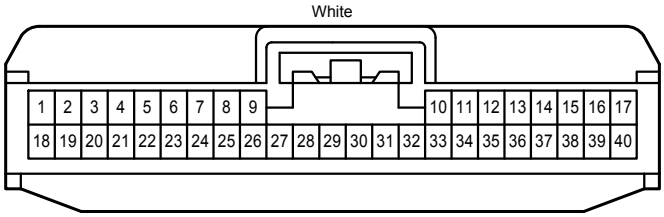

J 58
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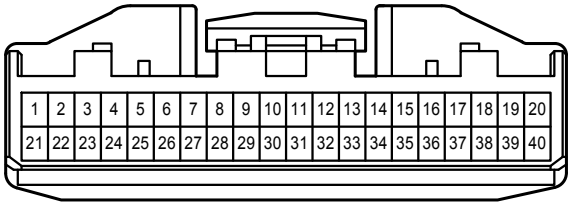

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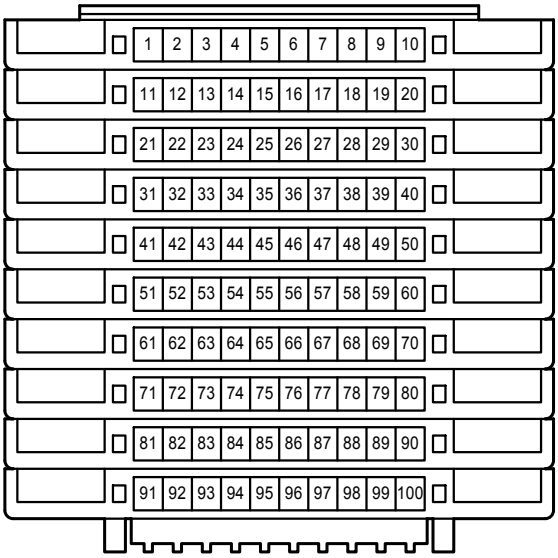

J 71
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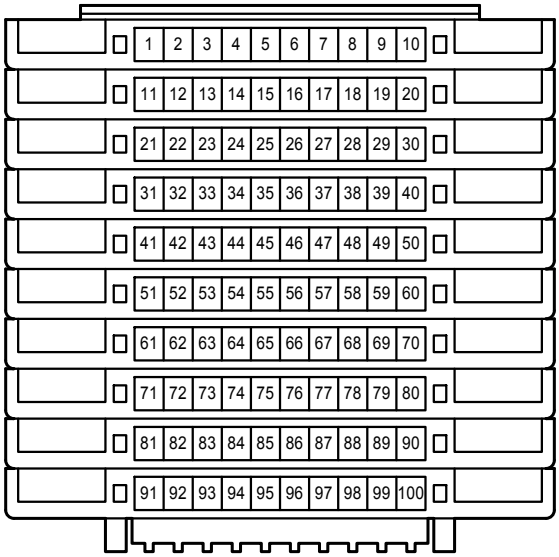

J 75
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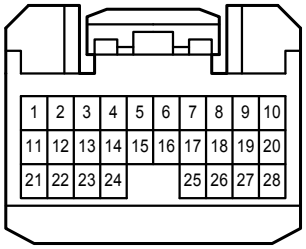

J 76
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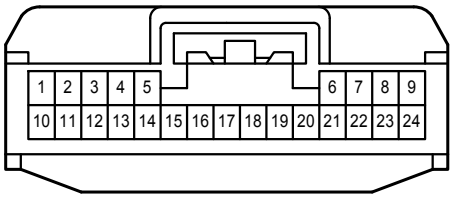
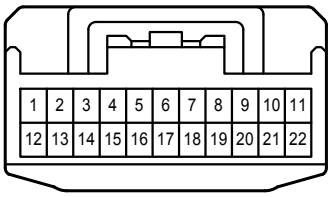


J 80
Black



J 87
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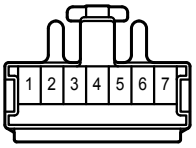
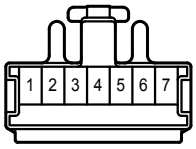


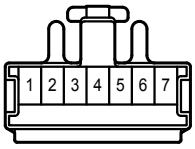
(w/o Snow Mode Switch)

J 87
Blue



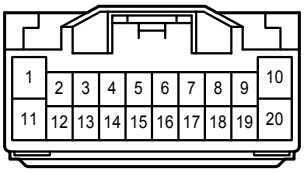
(From Aug. 2011 Production)

J 87
Black

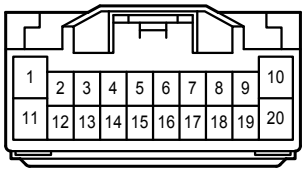


(w/ Snow Mode Switch, Before Aug. 2011 Production)

L 20
White



L 23
White



M 20
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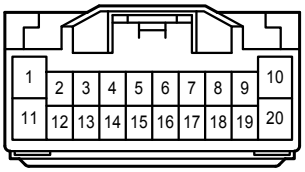

M 23
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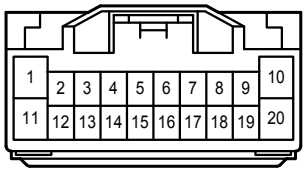
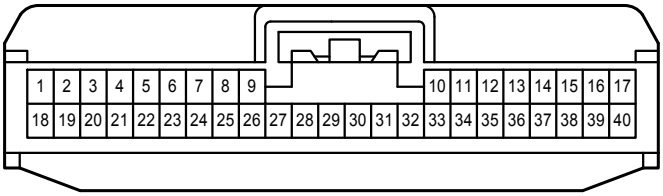


P 24
Gray

P 33
White



Q 3
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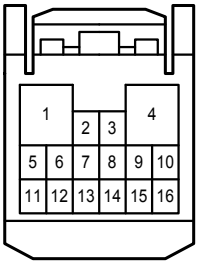
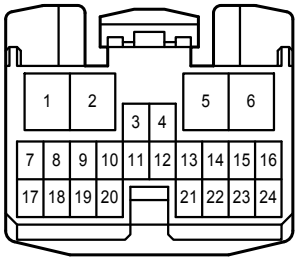


Q 36
Black



z 2
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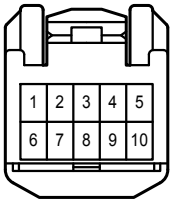

2A
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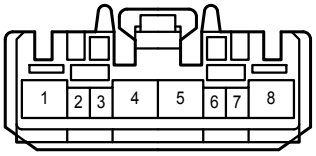
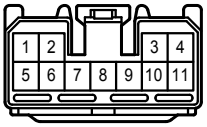


2F
Black



LA
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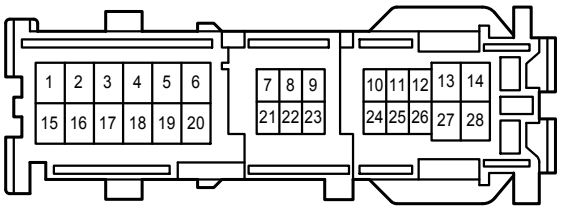

LD
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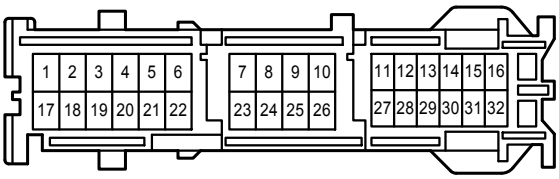
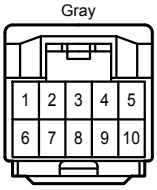


LK
Gray

LL
Gray



RA
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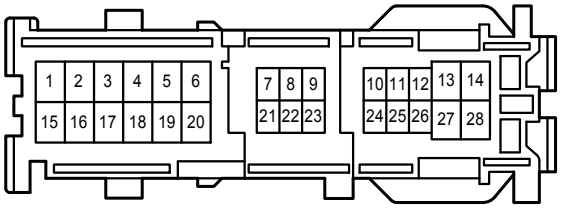

RD
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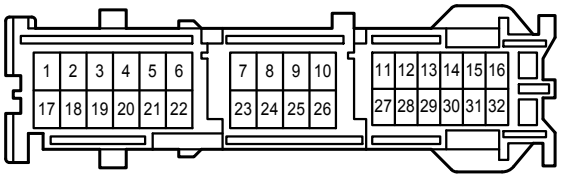

RJ
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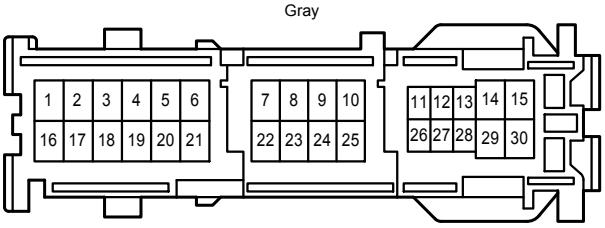
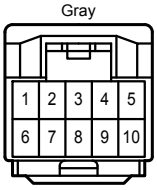


RK
Gray

RL
Gray



AE1
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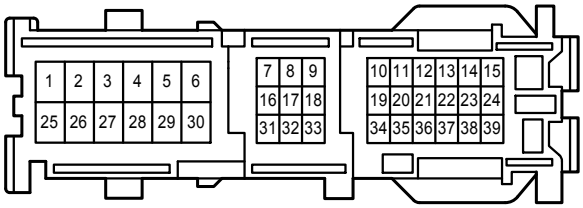

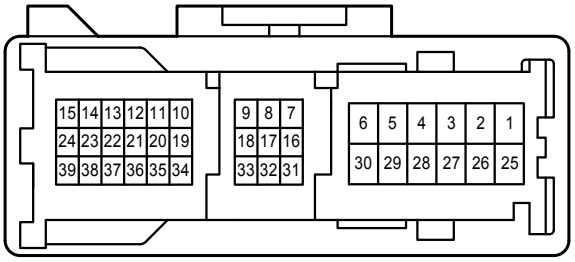

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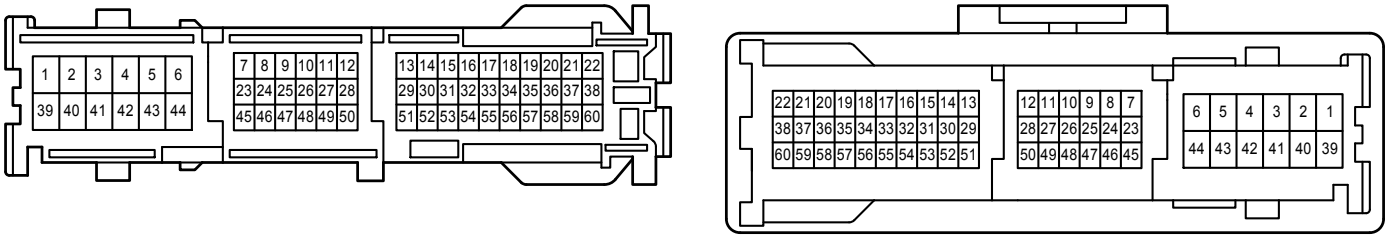

JA4
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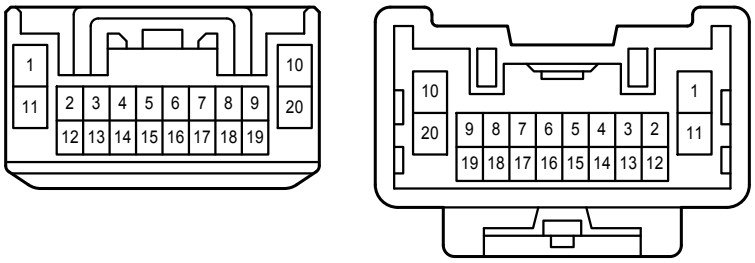

JP2
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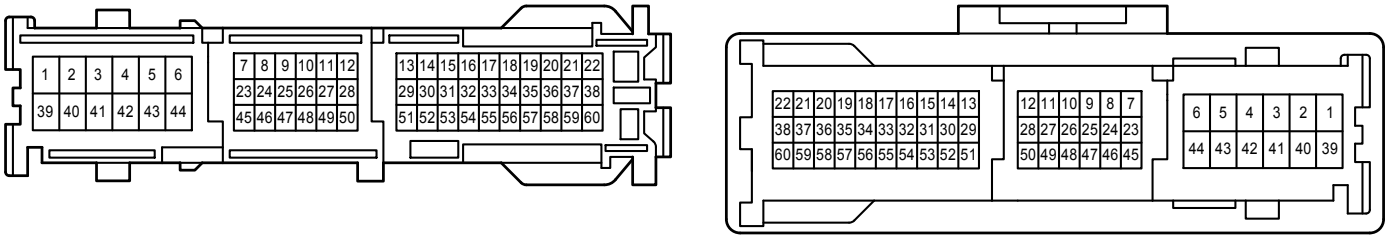

LP1
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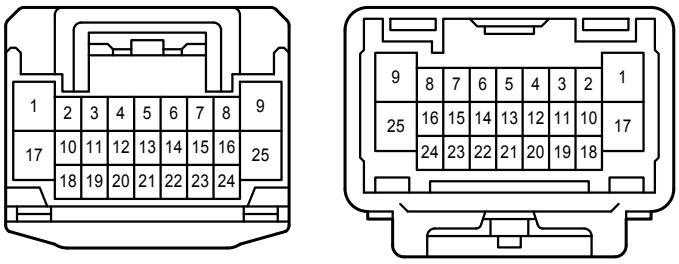

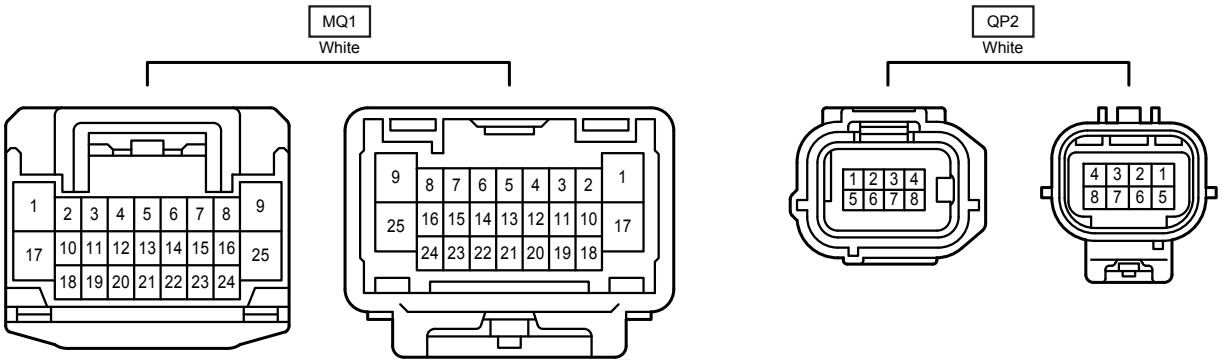
MQ1
White
1 2 3 4 5 6 7 8 9
17 10 11 12 13 14 15 16 25
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18
QP2
White
1 2 3 4
5 6 7 8
4 3 2 1
8 7 6 5