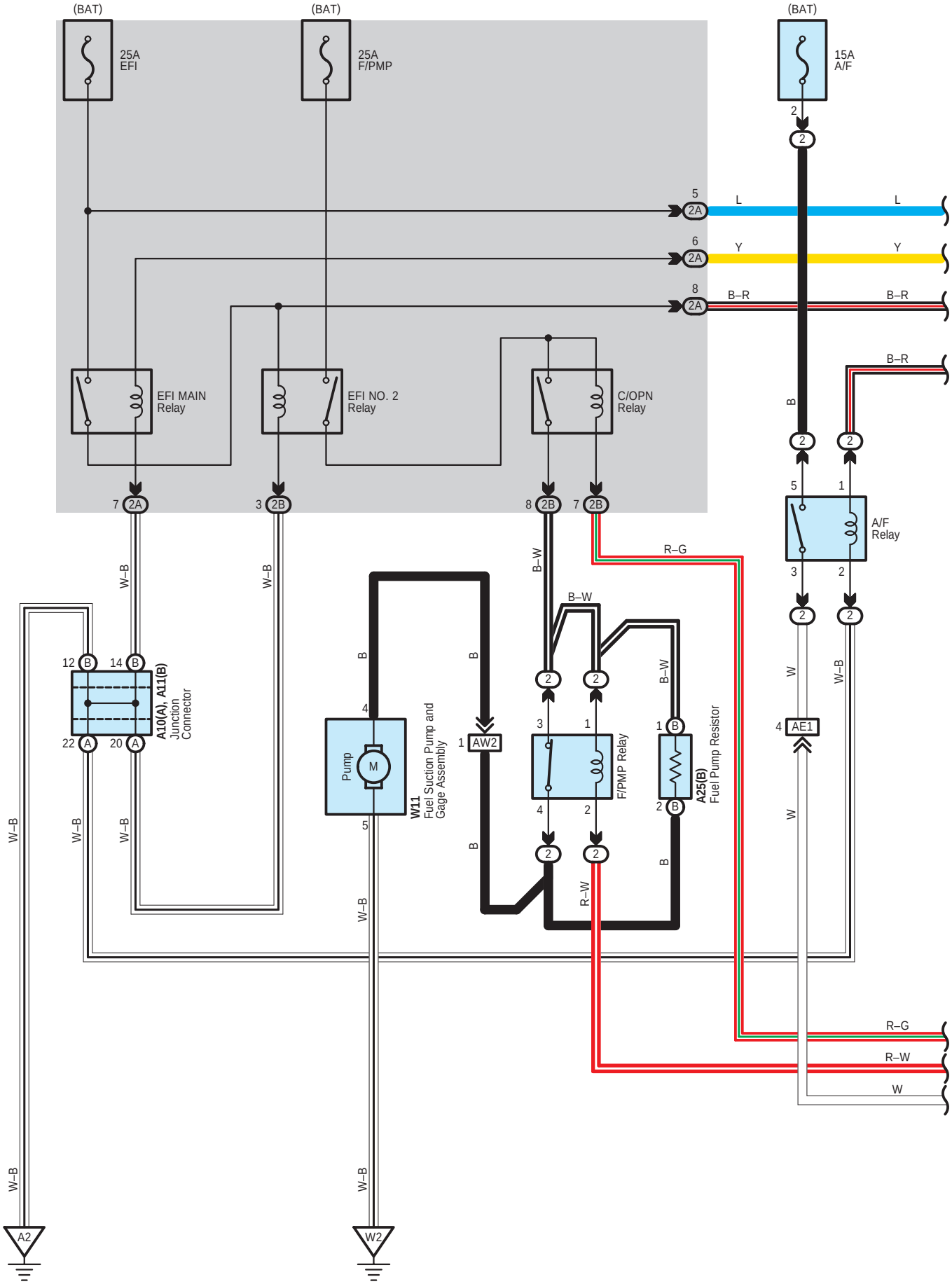
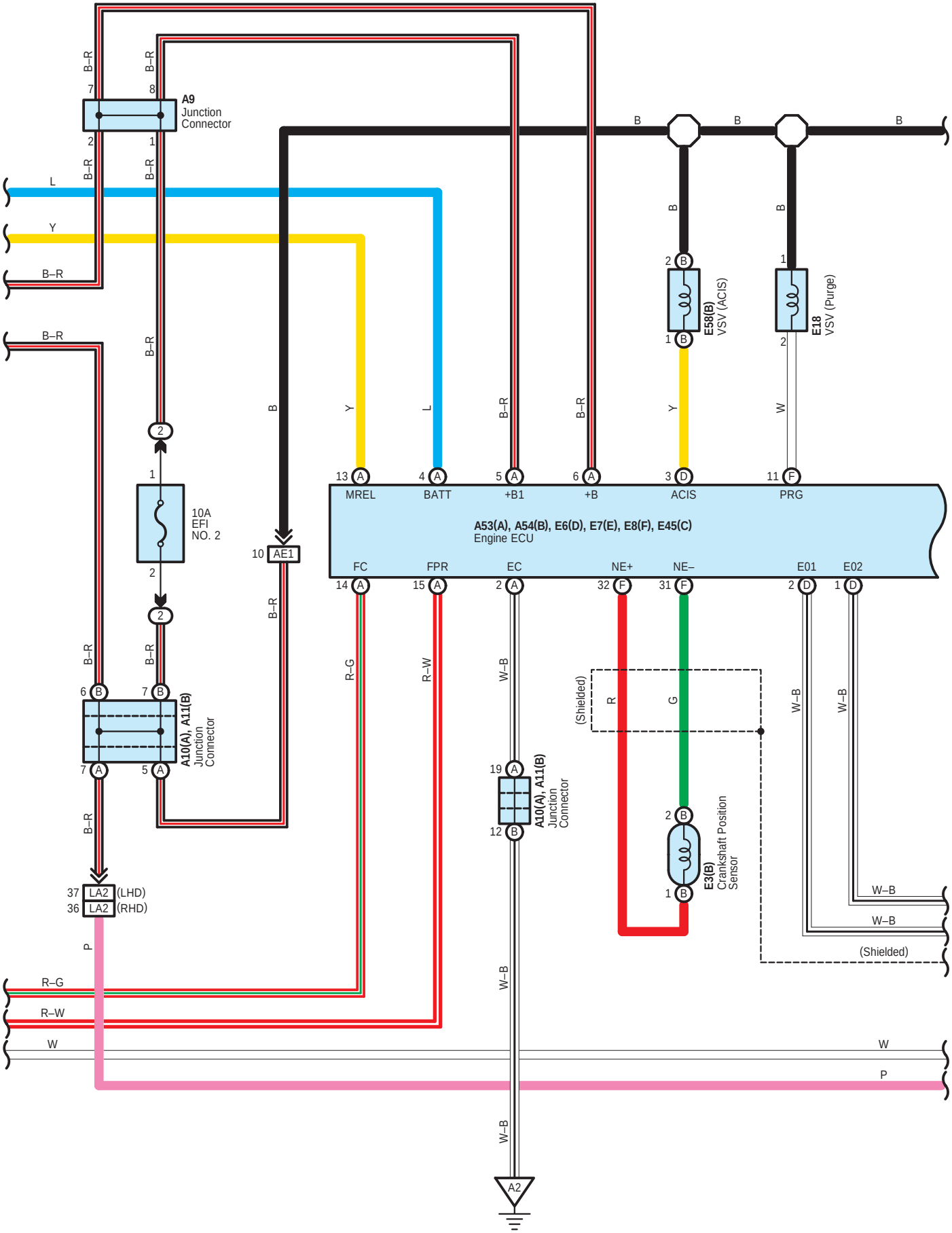
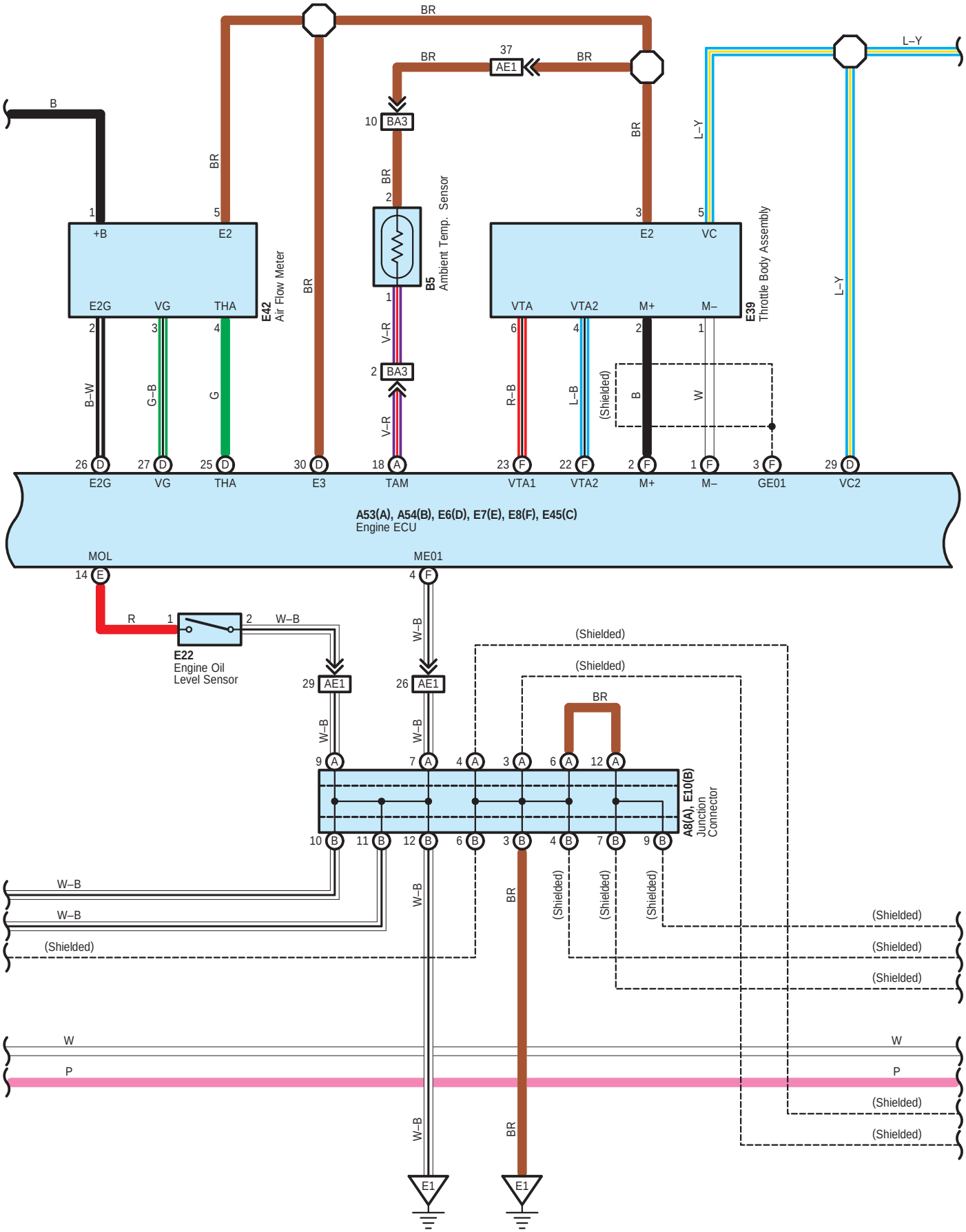
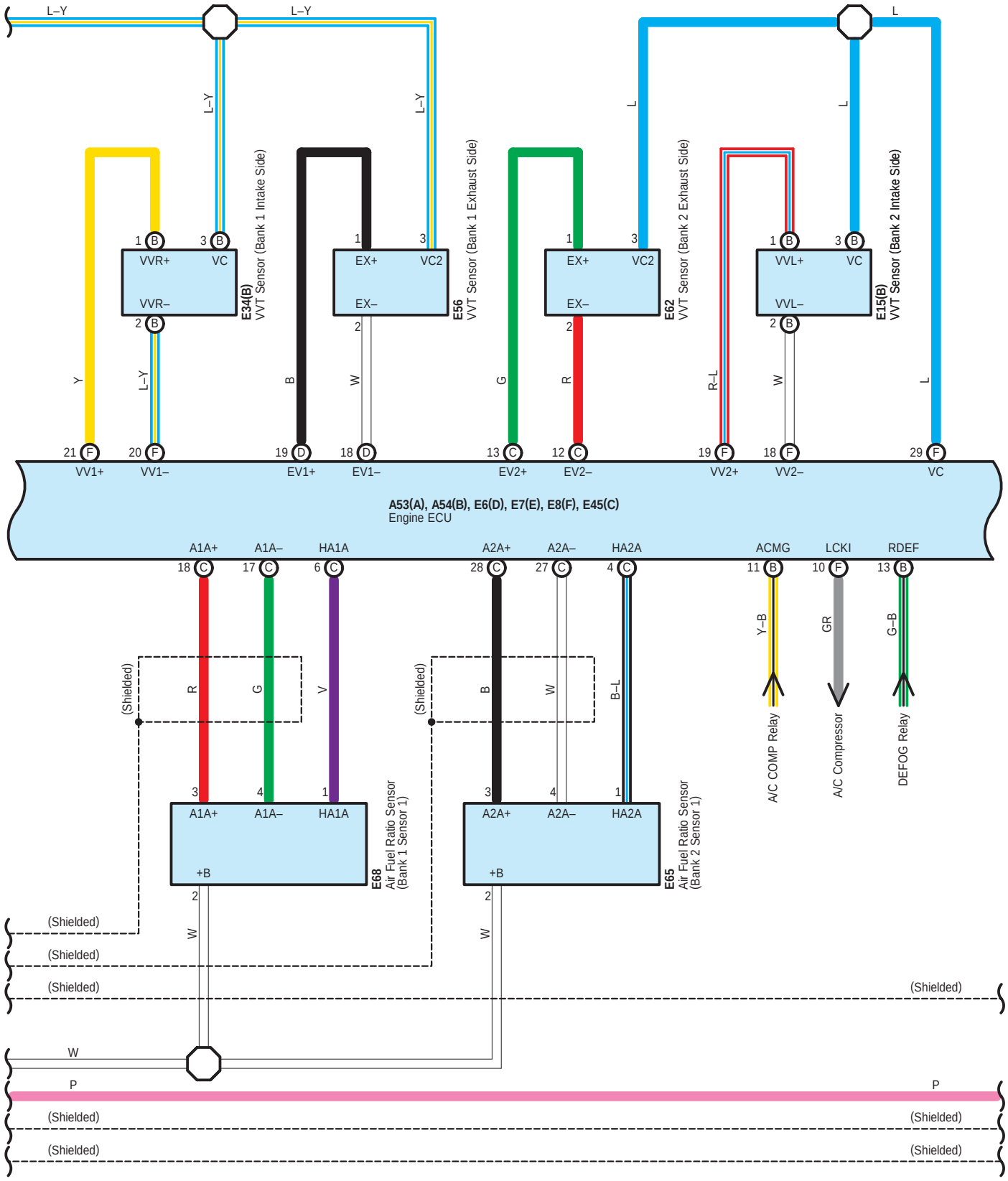
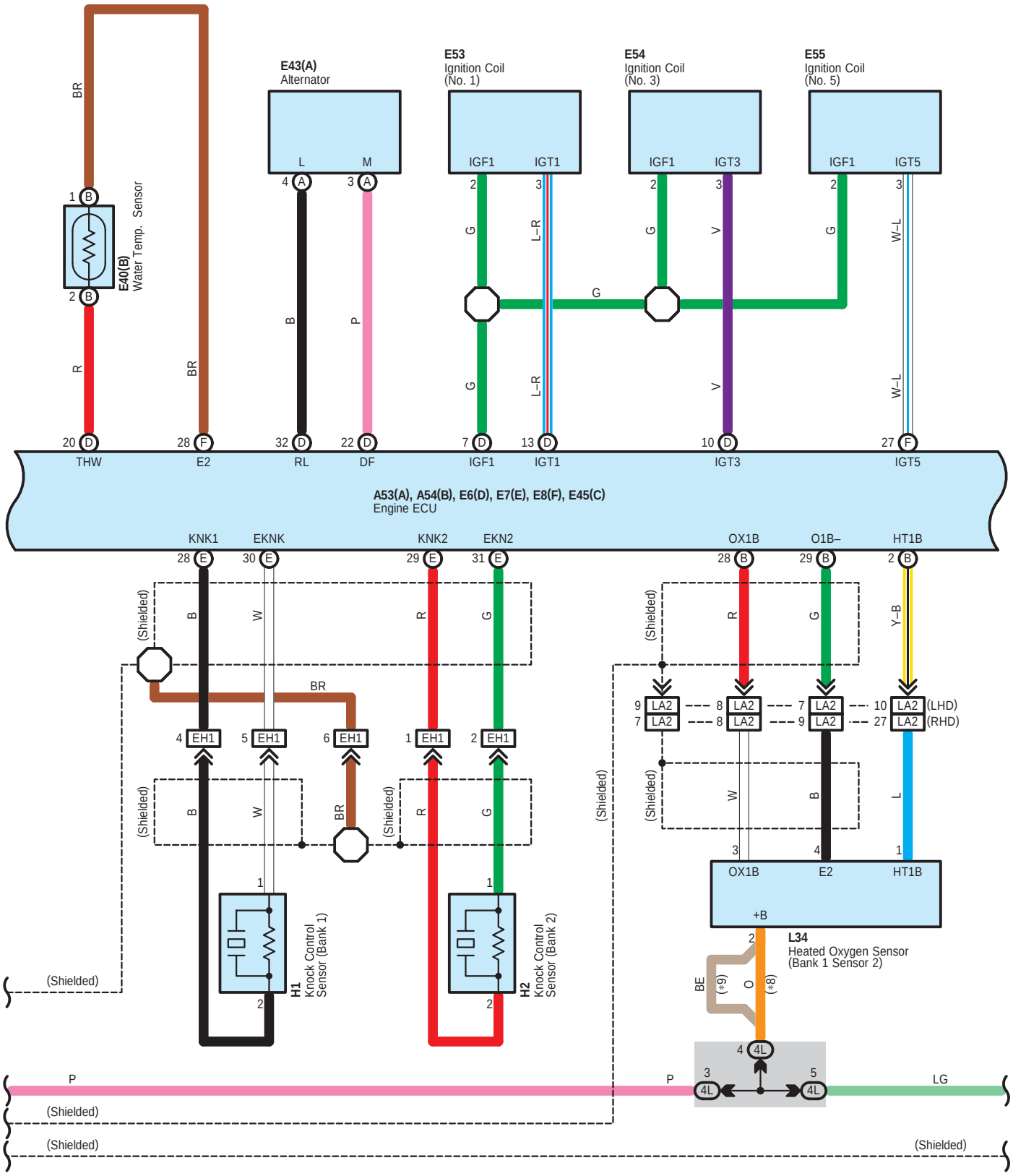
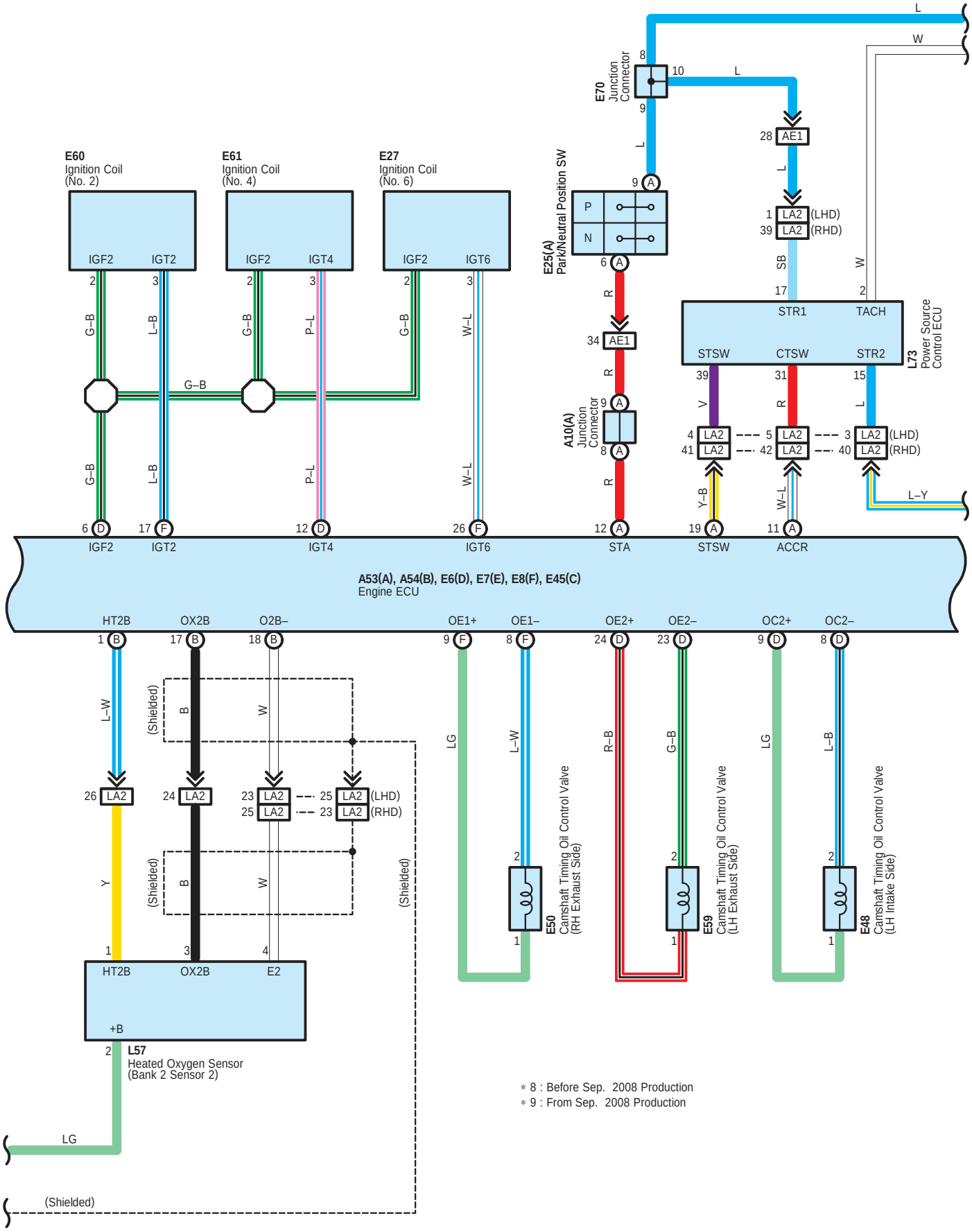

(BAT)
25A
EFI
(BAT)
25A
F/PMP
(BAT)
15A
A/F
EFI MAIN
Relay
EFI NO. 2
Relay
C/OPN
Relay
A/F
Relay
A10(A), A11(B)
Junction
Connector
W11
Fuel Suction Pump and
Gage Assembly
F/PMP Relay
A25(B)
Fuel Pump Resistor
AW2
AE1
A2
W2
L
Y
B–R
B
W–B
B–W
R–G
R–W
W

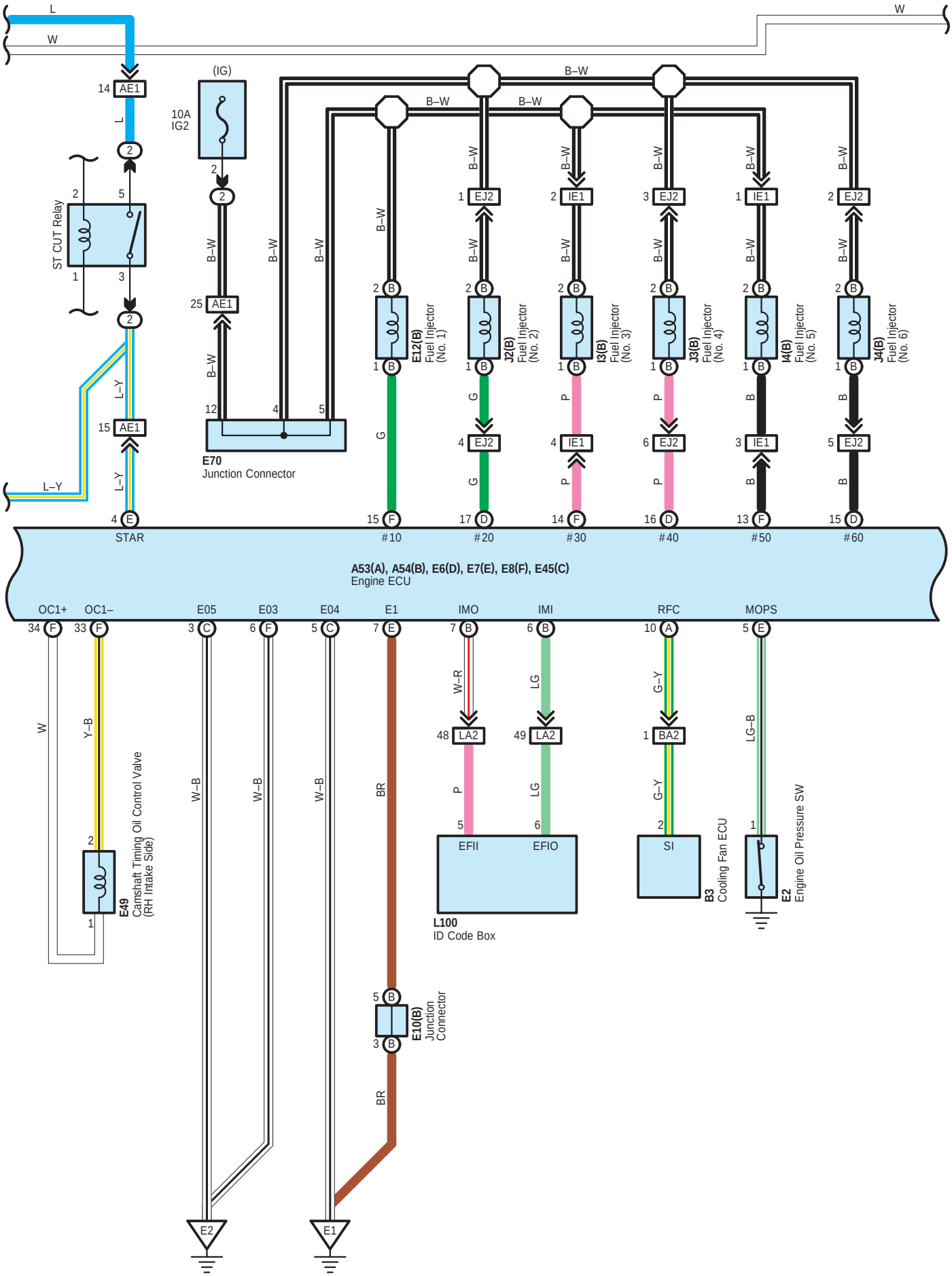

A9
Junction
Connector
B–R
L
Y
B
10A
EFI
NO. 2
AE1
A10(A), A11(B)
Junction
Connector
LA2 (LHD)
LA2 (RHD)
P
R–G
R–W
W
W–B
A2
E58(B)
VSV (ACIS)
E18
VSV (Purge)
MREL
BATT
+B1
+B
ACIS
PRG
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
FC
FPR
EC
NE+
NE–
E01
E02
(Shielded)
E3(B)
Crankshaft Position
Sensor

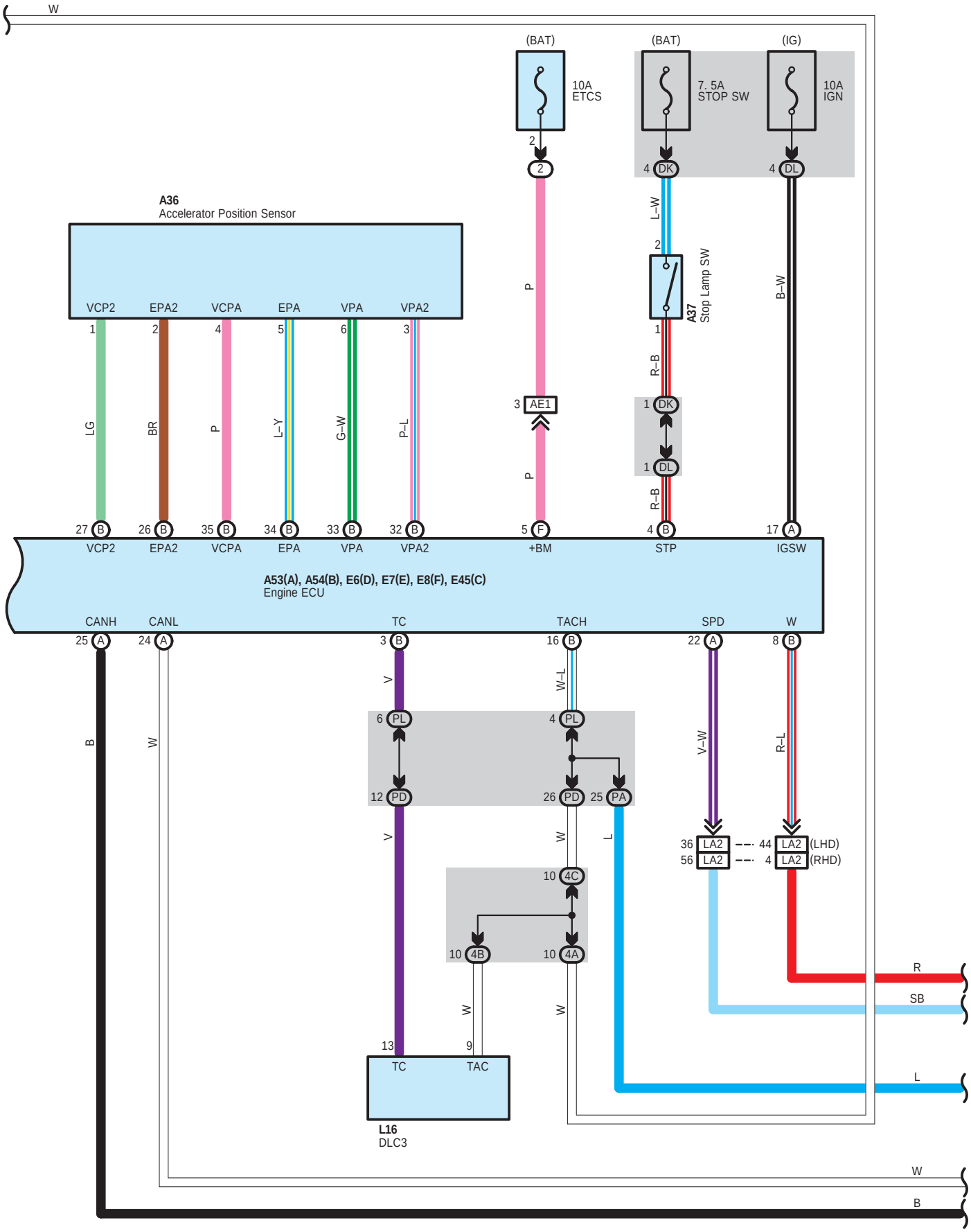

BR
37
AE1
BR
BR
L–Y
B
10 BA3
BR
BR
L–Y
BR
2
1
5
3
5
+B
E2
E2
VC
E2G
VG
THA
E42
Air Flow Meter
BR
B5
Ambient Temp. Sensor
VTA
VTA2
M+
M–
E39
Throttle Body Assembly
L–Y
1
V–R
2 BA3
V–R
B–W
G–B
G
R–B
L–B
(Shielded)
B
W
26 D
27 D
25 D
30 D
18 A
23 F
22 F
2 F
1 F
3 F
29 D
E2G
VG
THA
E3
TAM
VTA1
VTA2
M+
M–
GE01
VC2
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
MOL
ME01
14 E
4 F
R
1
2
W–B
W–B
E22
Engine Oil
Level Sensor
(Shielded)
(Shielded)
29 AE1
26 AE1
BR
W–B
W–B
9 A
7 A
4 A
3 A
6 A
12 A
A8(A), E10(B)
Junction
Connector
10 B
11 B
12 B
6 B
3 B
4 B
7 B
9 B
W–B
W–B
(Shielded)
W–B
BR
(Shielded)
(Shielded)
(Shielded)
(Shielded)
(Shielded)
(Shielded)
W
W
P
P
(Shielded)
(Shielded)
W–B
BR
E1
E1

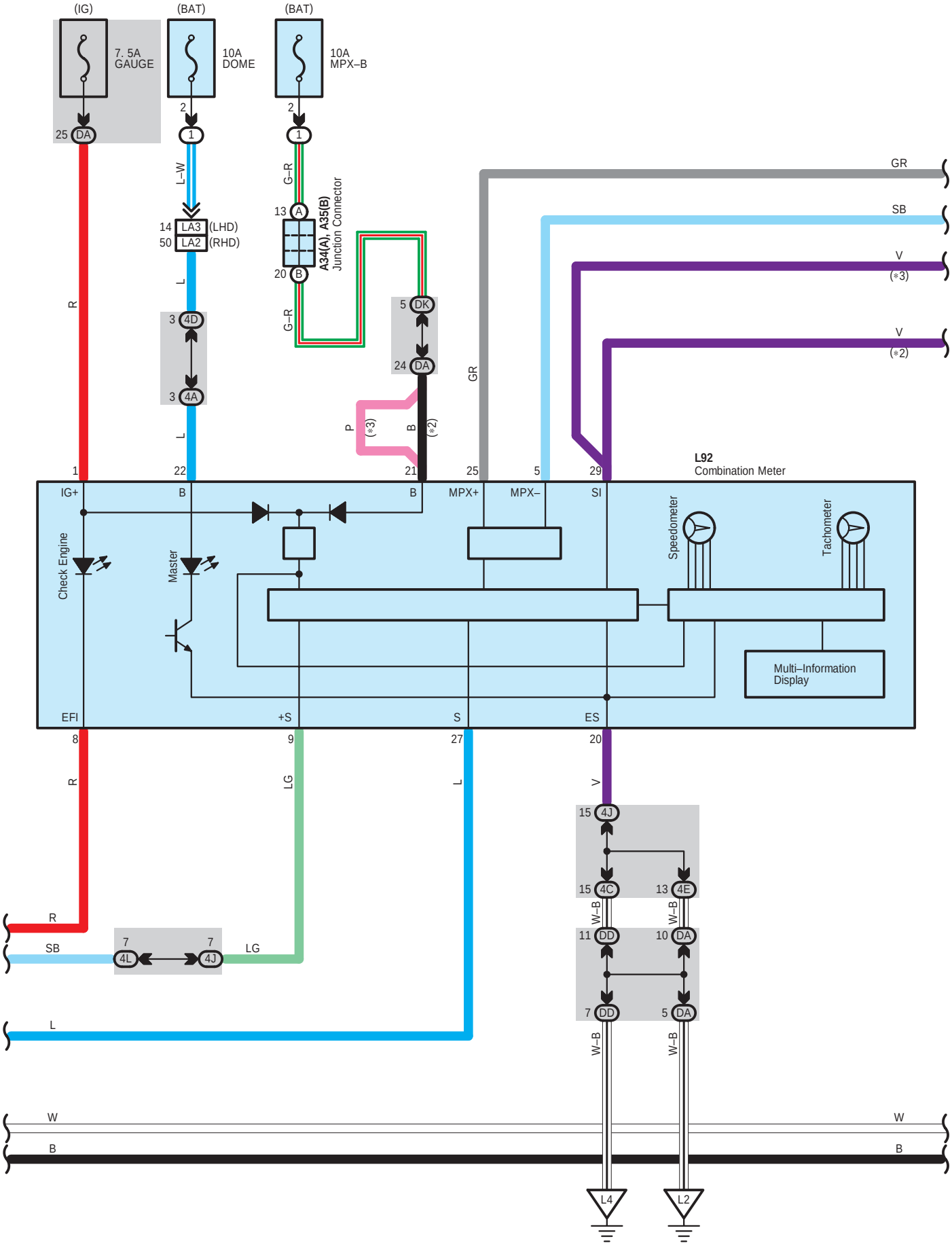

L–Y
L–Y
L
L–Y
L–Y
L
L
E34(B)
VVT Sensor (Bank 1 Intake Side)
VVR+
VC
VVR–
E56
VVT Sensor (Bank 1 Exhaust Side)
EX+
VC2
EX–
E62
VVT Sensor (Bank 2 Exhaust Side)
EX+
VC2
EX–
E15(B)
VVT Sensor (Bank 2 Intake Side)
VVL+
VC
VVL–
Y
L–Y
B
W
G
R
R–L
W
L
VV1+
VV1–
EV1+
EV1–
EV2+
EV2–
VV2+
VV2–
VC
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
ACMG
LCKI
RDEF
(Shielded)
R
G
V
(Shielded)
B
W
B–L
Y–B
GR
G–B
A/C COMP Relay
A/C Compressor
DEFOG Relay
E68
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
A1A+
A1A–
HA1A
+B
E65
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
A2A+
A2A–
HA2A
+B
W
W
(Shielded)
(Shielded)
(Shielded)
(Shielded)
W
P
P
(Shielded)
(Shielded)
(Shielded)
(Shielded)


E43(A)
Alternator
E53
Ignition Coil
(No. 1)
E54
Ignition Coil
(No. 3)
E55
Ignition Coil
(No. 5)
E40(B)
Water Temp. Sensor
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
THW
E2
RL
DF
IGF1
IGT1
IGT3
IGT5
KNK1
EKNK
KNK2
EKN2
OX1B
O1B–
HT1B
(Shielded)
H1
Knock Control
Sensor (Bank 1)
H2
Knock Control
Sensor (Bank 2)
L34
Heated Oxygen Sensor
(Bank 1 Sensor 2)
(LHD)
(RHD)
+B

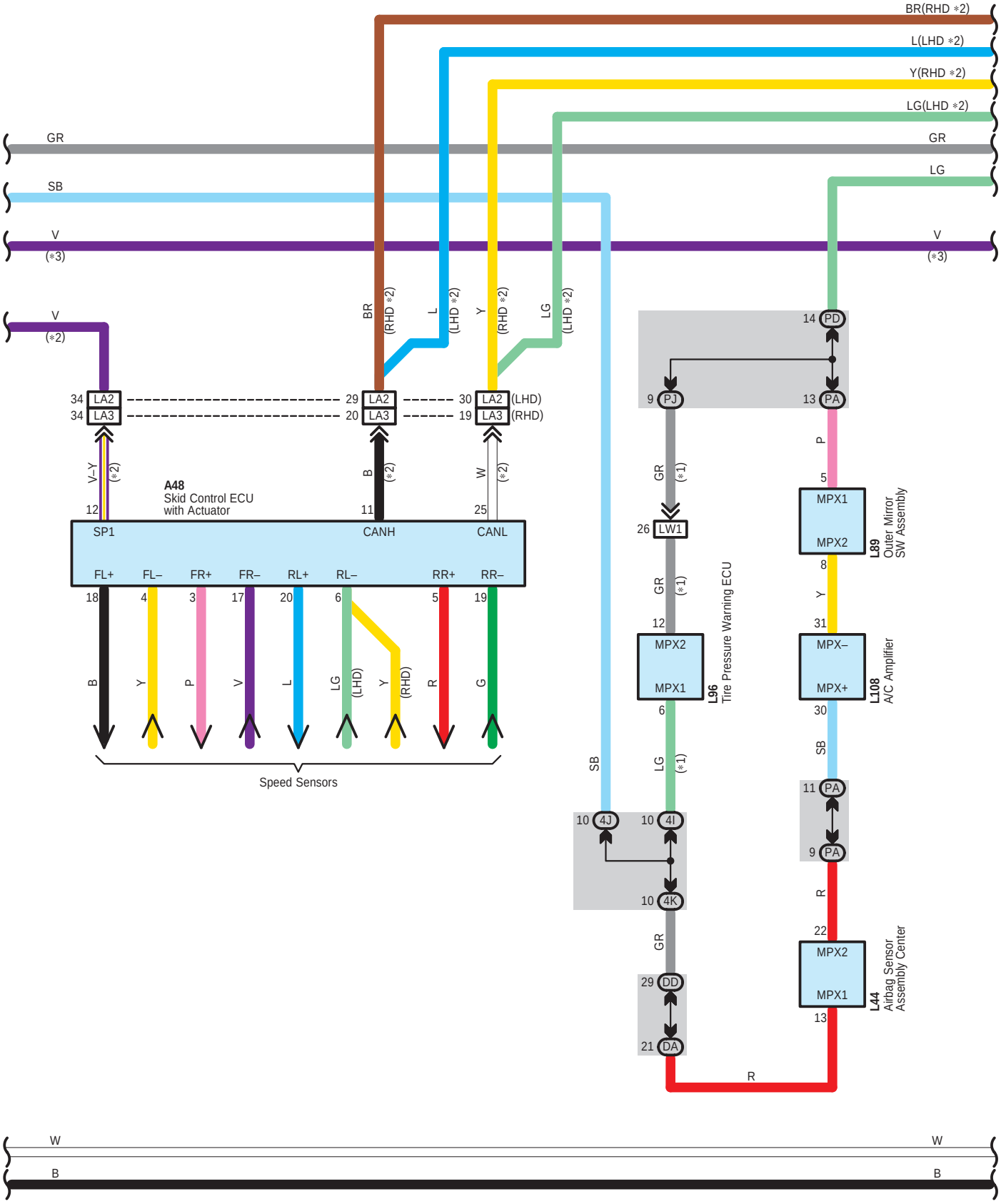

E60
Ignition Coil
(No. 2)
E61
Ignition Coil
(No. 4)
E27
Ignition Coil
(No. 6)
IGF2
IGT2
IGT4
IGT6
E70
Junction
Connector
E25(A)
Park/Neutral Position SW
P
N
A10(A)
Junction
Connector
AE1
LA2
(LHD)
(RHD)
STR1
TACH
STSW
CTSW
STR2
L73
Power Source
Control ECU
STA
ACCR
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
HT2B
OX2B
O2B–
OE1+
OE1–
OE2+
OE2–
OC2+
OC2–
(Shielded)
E50
Camshaft Timing Oil Control Valve
(RH Exhaust Side)
E59
Camshaft Timing Oil Control Valve
(LH Exhaust Side)
E48
Camshaft Timing Oil Control Valve
(LH Intake Side)
E2
+B
L57
Heated Oxygen Sensor
(Bank 2 Sensor 2)
∗ 8 : Before Sep. 2008 Production
∗ 9 : From Sep. 2008 Production

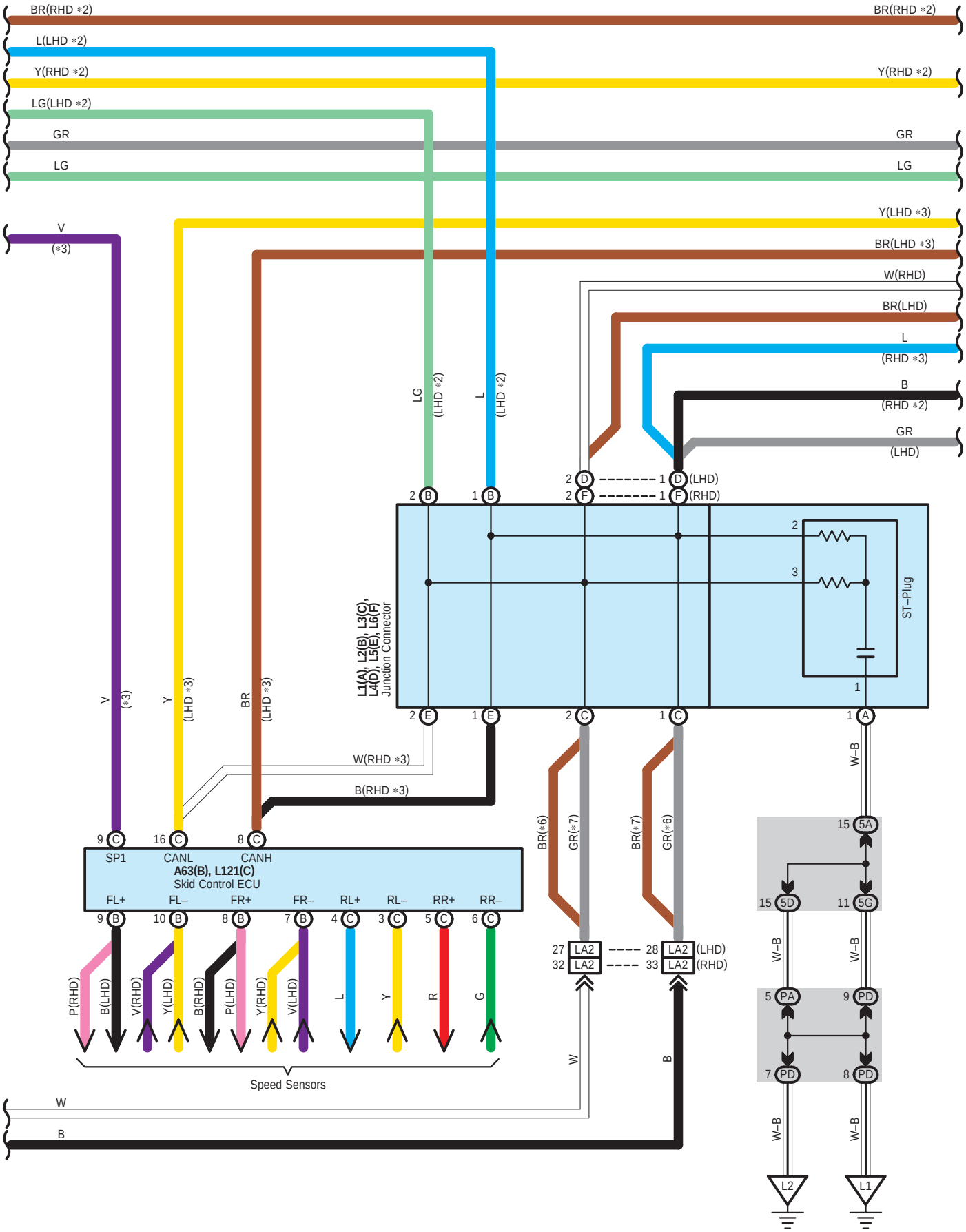

L
W
W
14 AE1
(IG)
10A
IG2
B–W
B–W
B–W
ST CUT Relay
25 AE1
E70
Junction Connector
15 AE1
L–Y
L–Y
4 E
STAR
E12(B)
Fuel Injector
(No. 1)
J2(B)
Fuel Injector
(No. 2)
I3(B)
Fuel Injector
(No. 3)
J3(B)
Fuel Injector
(No. 4)
I4(B)
Fuel Injector
(No. 5)
J4(B)
Fuel Injector
(No. 6)
15 F
#10
17 D
#20
14 F
#30
16 D
#40
13 F
#50
15 D
#60
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
OC1+
OC1–
E05
E03
E04
E1
IMO
IMI
RFC
MOPS
34 F
33 F
3 C
6 F
5 C
7 E
7 B
6 B
10 A
5 E
W
Y–B
W–B
W–B
W–B
BR
W–R
LG
G–Y
LG–B
48 LA2
49 LA2
1 BA2
P
LG
G–Y
EFII
EFIO
SI
E49
Camshaft Timing Oil Control Valve
(RH Intake Side)
L100
ID Code Box
B3
Cooling Fan ECU
E2
Engine Oil Pressure SW
E10(B)
Junction
Connector
BR
E2
E1

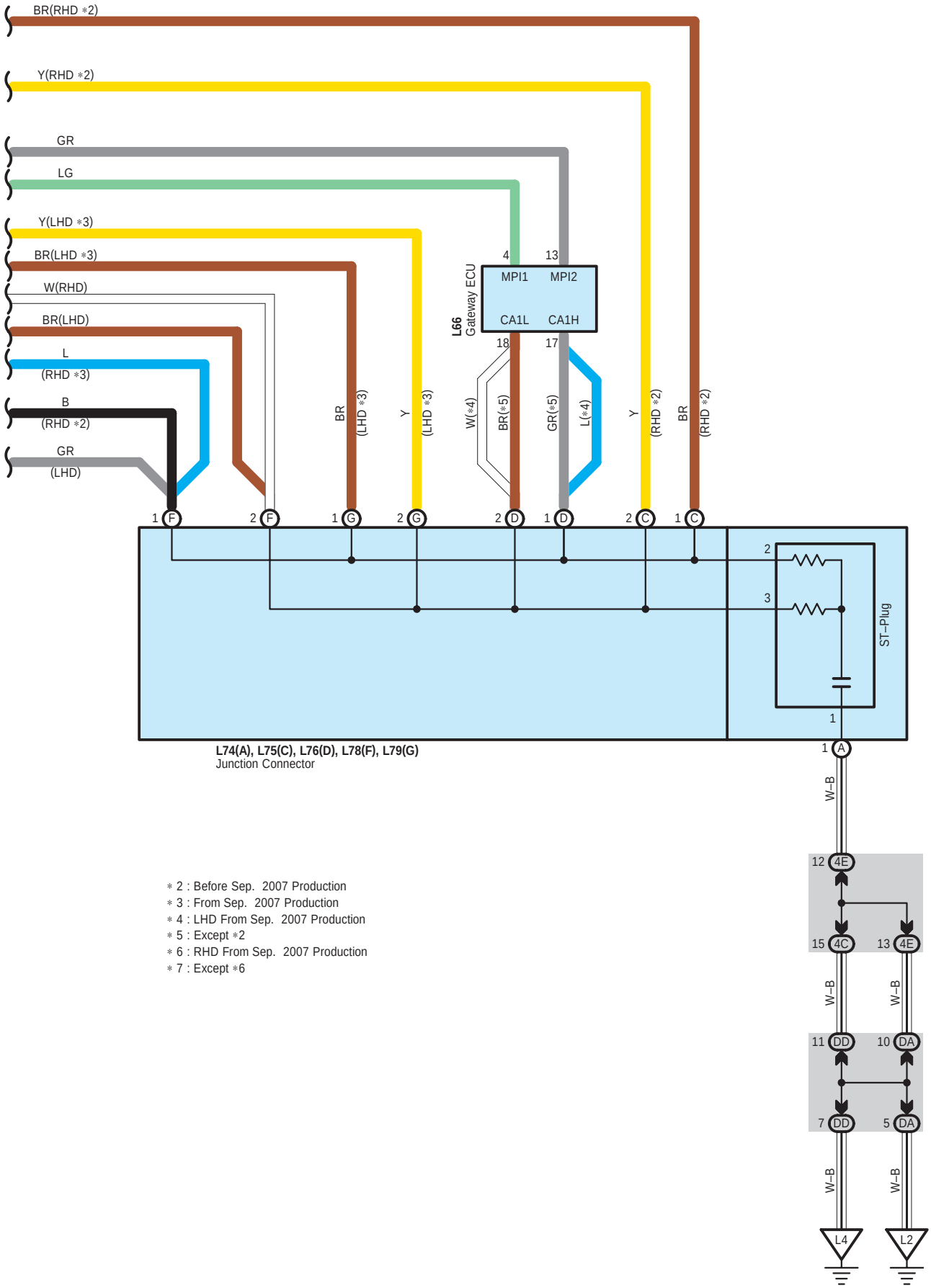

W
(BAT)
10A
ETCS
(BAT)
7. 5A
STOP SW
(IG)
10A
IGN
A36
Accelerator Position Sensor
VCP2
EPA2
VCPA
EPA
VPA
VPA2
A37
Stop Lamp SW
AE1
A53(A), A54(B), E6(D), E7(E), E8(F), E45(C)
Engine ECU
VCP2
EPA2
VCPA
EPA
VPA
VPA2
+BM
STP
IGSW
CANH
CANL
TC
TACH
SPD
W
LA2
(LHD)
(RHD)
PL
PD
PA
4C
4B
4A
TC
TAC
L16
DLC3
R
SB
L
W
B


(IG)
(BAT)
(BAT)
7. 5A
GAUGE
10A
DOME
10A
MPX–B
25 DA
2
1
L–W
G–R
14 LA3 (LHD)
50 LA2 (RHD)
13 A
20 B
A34(A), A35(B)
Junction Connector
R
L
3 4D
3 4A
5 DK
24 DA
P
(*3)
B
(*2)
GR
SB
V
(*3)
V
(*2)
L92
Combination Meter
1
22
21
25
5
29
IG+
B
B
MPX+
MPX–
SI
Check Engine
Master
Speedometer
Tachometer
Multi–Information
Display
EFI
+S
S
ES
8
9
27
20
LG
V
15 4J
15 4C
13 4E
W–B
11 DD
10 DA
7 DD
5 DA
7
4L
7
4J
W
B
L4
L2

∗ 1 : w/ Tire Pressure Warning System
∗ 2 : Before Sep. 2007 Production
∗ 3 : From Sep. 2007 Production

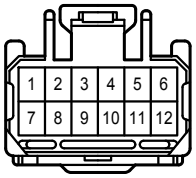



BR(RHD *2)
L(LHD *2)
Y(RHD *2)
LG(LHD *2)
GR
LG
V
(*3)
Y(LHD *3)
BR(LHD *3)
W(RHD)
BR(LHD)
L
(RHD *3)
B
(RHD *2)
GR
(LHD)
LG
(LHD *2)
L
(LHD *2)
2 D 1 D (LHD)
2 F 1 F (RHD)
2 B 1 B
L1(A), L2(B), L3(C),
L4(D), L5(E), L6(F)
Junction Connector
ST–Plug
2 E 1 E 2 C 1 C 1 A
V (*3)
Y (LHD *3)
BR (LHD *3)
W(RHD *3)
B(RHD *3)
W–B
9 C 16 C 8 C
SP1 CANL CANH
A63(B), L121(C)
Skid Control ECU
FL+ FL– FR+ FR– RL+ RL– RR+ RR–
9 B 10 B 8 B 7 B 4 C 3 C 5 C 6 C
P(RHD) B(LHD) V(RHD) Y(LHD) B(RHD) P(LHD) Y(RHD) V(LHD) L Y R G
Speed Sensors
BR(*6) GR(*7) BR(*7) GR(*6)
27 LA2 28 LA2 (LHD)
32 LA2 33 LA2 (RHD)
W
B
15 5A
15 5D 11 5G
5 PA 9 PD
7 PD 8 PD
W–B
L2
L1

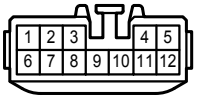


∗ 2 : Before Sep. 2007 Production
∗ 3 : From Sep. 2007 Production
∗ 4 : LHD From Sep. 2007 Production
∗ 5 : Except ∗2
∗ 6 : RHD From Sep. 2007 Production
∗ 7 : Except ∗6

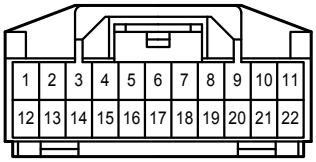
A 8
Gray



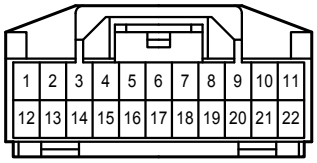
A 9
White



A 10
Blue



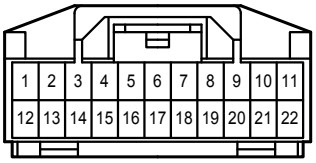
A 11
Blue



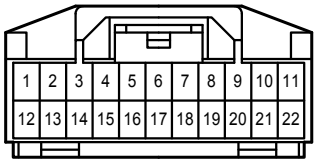
A 25
Black

(1UR-FSE, 3GR-FSE, 3GR-FE)

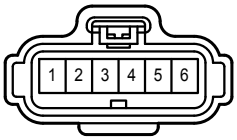
A 34
Blue



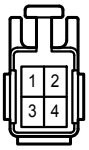
A 35
Blue



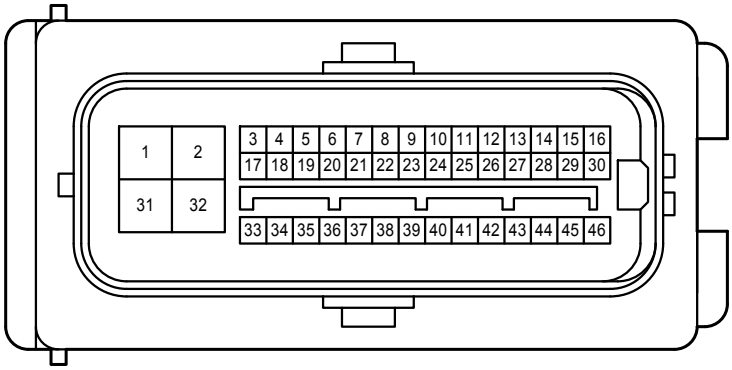
A 36
Black



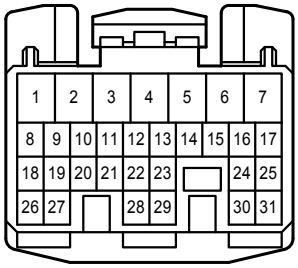
A 37
Green



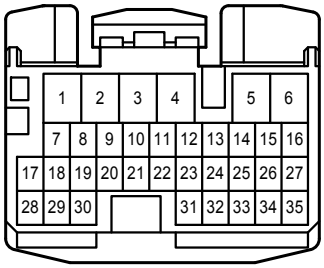
A 48
Black



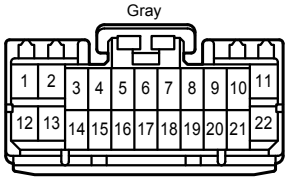
A 53
White



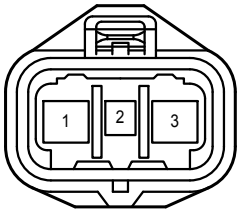
A 54
White



A 63
Gray



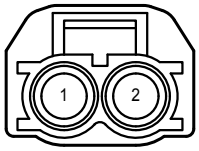
B 3
Black



B 5
Black

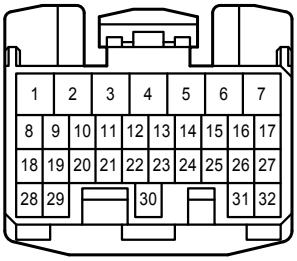
E 2
Gray

E 3
Black



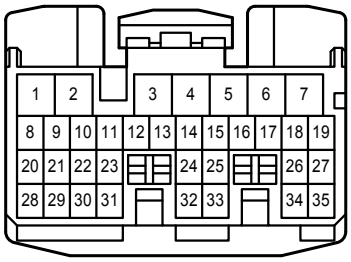
(3GR-FSE, 3GR-FE)

E 6
White



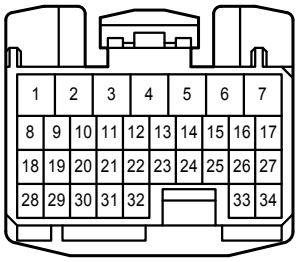
(Before Jul. 2006 Production Except 3GR-FSE)

E 7
White



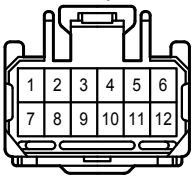
(Before Jul. 2006 Production Except 3GR-FSE)

E 8
White

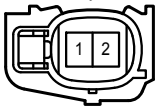


(Before Jul. 2006 Production Except 3GR-FSE)

E 10
Gray

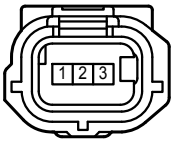


E 12
Gray



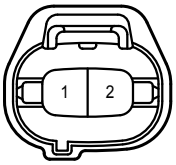
(3GR-FE)

E 15
Black



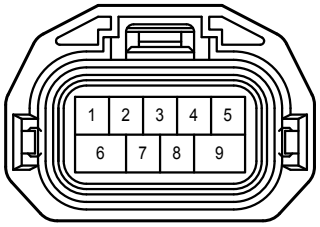
(1UR-FSE, 3GR-FSE, 3GR-FE, 2GR-FSE)

E 18
Black



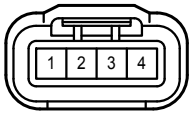
E 22
Gray

E 25
Gray

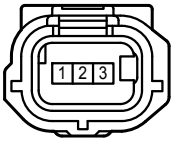


(3UZ-FE, 3GR-FE)

E 27
Gray

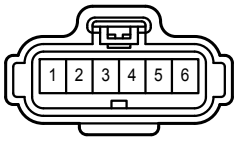


E 34
Black



(1UR-FSE, 3GR-FSE, 3GR-FE, 2GR-FSE)

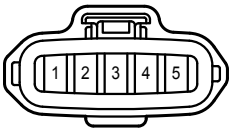
E 39
Black



E 40
Dark Gray

(1UR-FSE, 3GR-FSE, 3GR-FE, 2GR-FSE)

E 42
Black



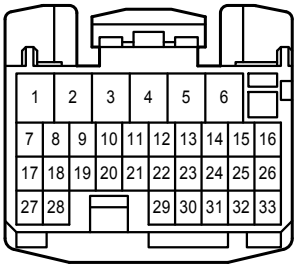
(Except 1UR-FSE)

E 42
Black

(1UR-FSE)

E 43
Black

E 45
White



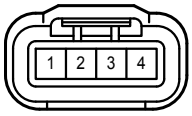
E 48
Black

E 49
Black

E 50
Black

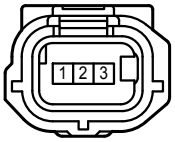
E 53
Gray

E 54
Black



E 55
Gray

E 56
Black



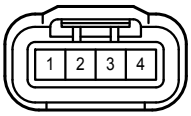
E 58
Black

(3GR-FSE, 3GR-FE)

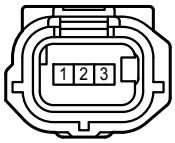
E 59
Black

E 60
Gray

E 61
Black



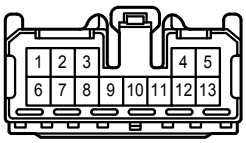
E 62
Black



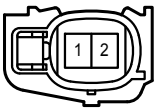
E 65
Dark Gray

E 68
Dark Gray

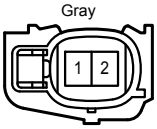
E 70
White



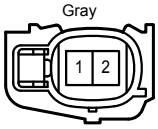
H 1
Black



H 2
Gray

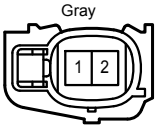


I 3
Gray



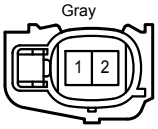
(3GR-FE)

I 4
Gray



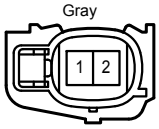
(3GR-FE)

J 2
Gray



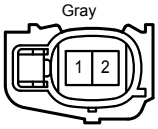
(3GR-FE)

J 3
Gray



(3GR-FE)

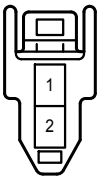
J 4
Gray



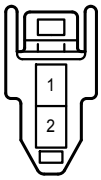
(3GR-FE)

L 1
White

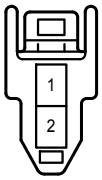
L 2
White



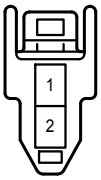
L 3
White



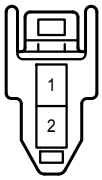
L 4
White



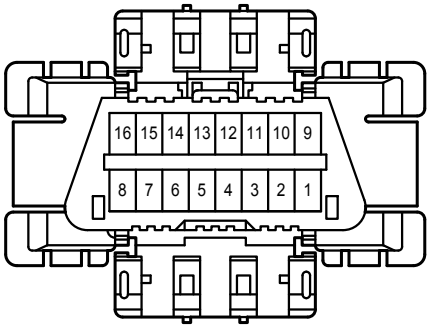
L 5
White



L 6
White

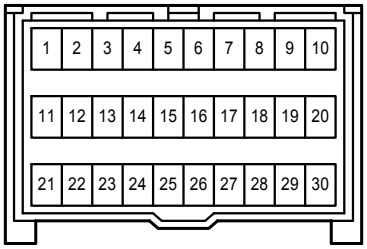


L 16
White



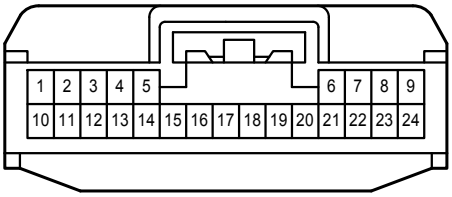
L 34
Dark Gray

L 44
Yellow

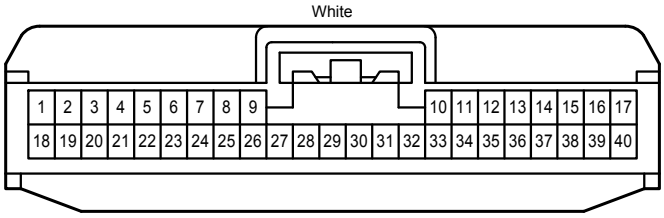


L 57
Dark Gray

L 66
White

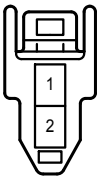


L 73
White

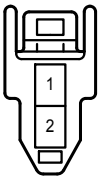


L 74
White

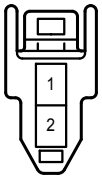
L 75
White



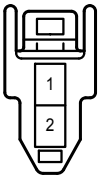
L 76
White



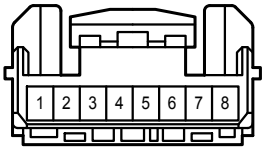
L 78
White



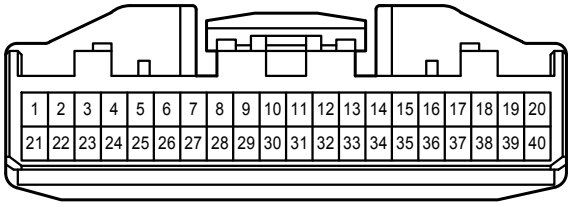
L 79
White



L 89
White

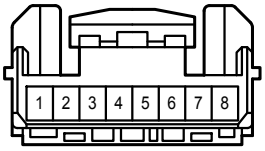


L 92
White

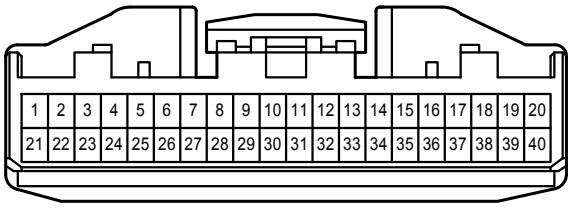


L 96
Black

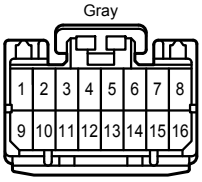
L100
White



L108
White

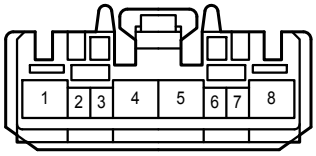


L121
Gray

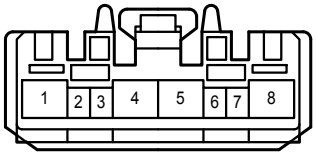


W 11
White

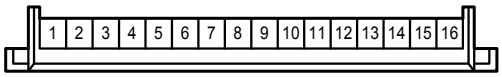
2A
White



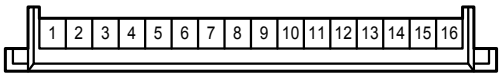
2B
White



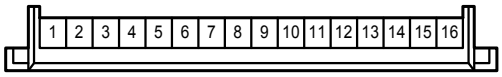
4A
White



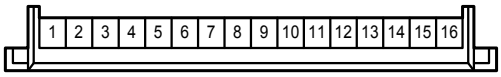
4B
White



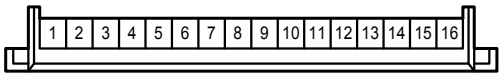
4C
White



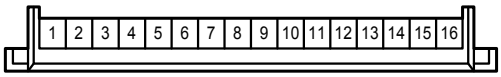
4D
White



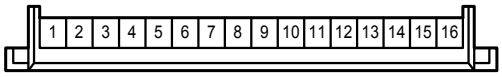
4E
White



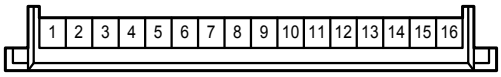
4I
White



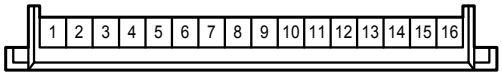
4J
White



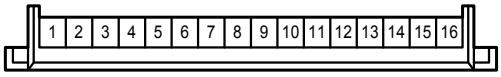
4K
White



4L
White



5A
White



5D
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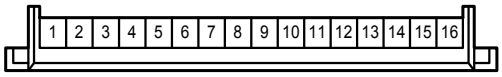

5G
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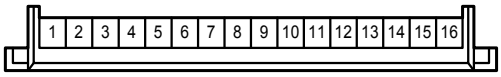

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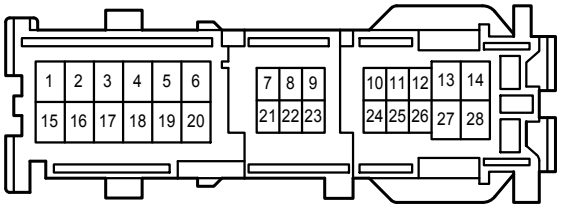

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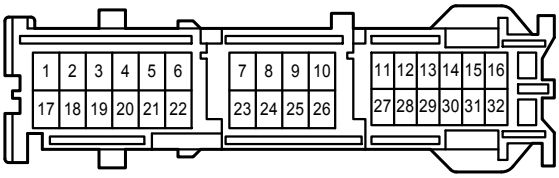
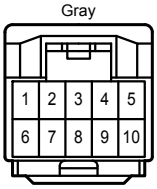


DK
Gray

DL
Gray



PA
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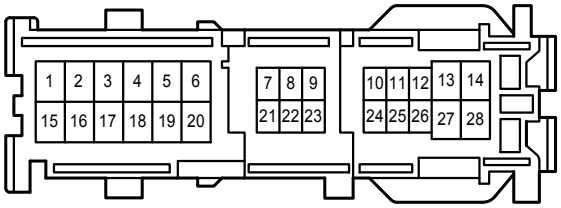

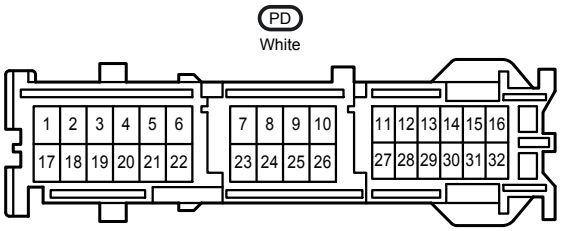
PD
White
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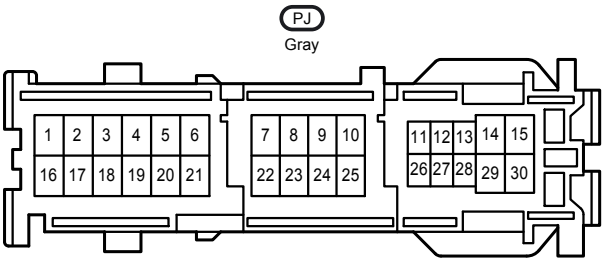
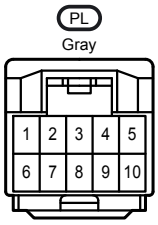
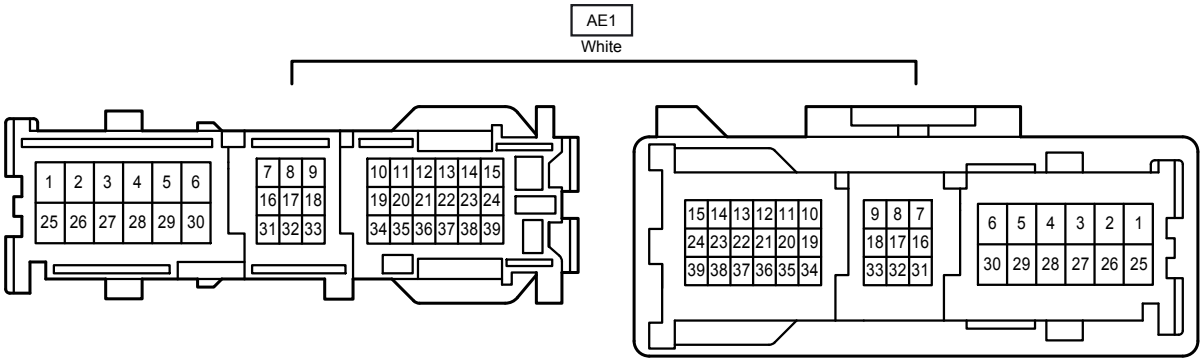
7 8 9 10
23 24 25 26
11 12 13 14 15 16
27 28 29 30 31 32


PJ
Gray
1 2 3 4 5 6
16 17 18 19 20 21
7 8 9 10
22 23 24 25
11 12 13 14 15
26 27 28 29 30


PL
Gray
1 2 3 4 5
6 7 8 9 10


AE1
White
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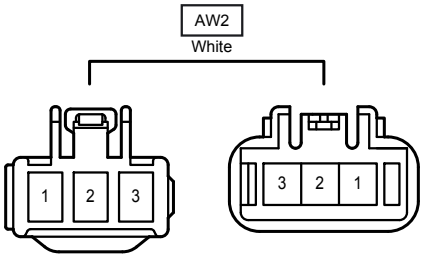
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25


AW2
White
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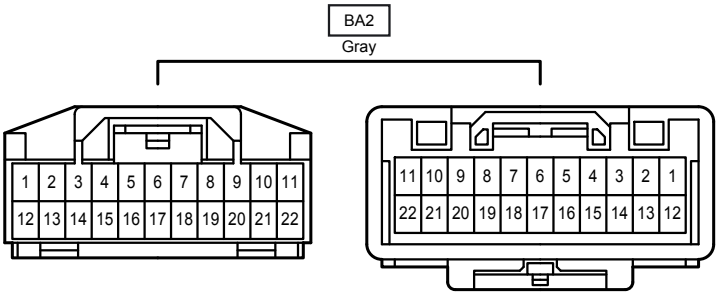
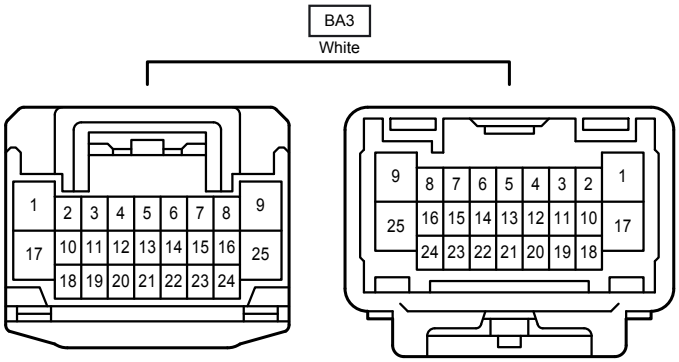
3 2 1


BA2
Gray
1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22
11 10 9 8 7 6 5 4 3 2 1
22 21 20 19 18 17 16 15 14 13 12


BA3
White
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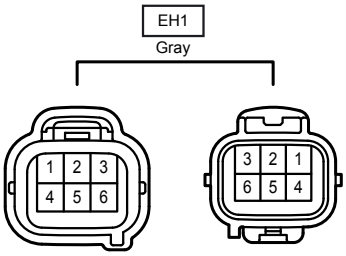
18 19 20 21 22 23 24
9 8 7 6 5 4 3 2 1
25 16 15 14 13 12 11 10 17
24 23 22 21 20 19 18


EH1
Gray
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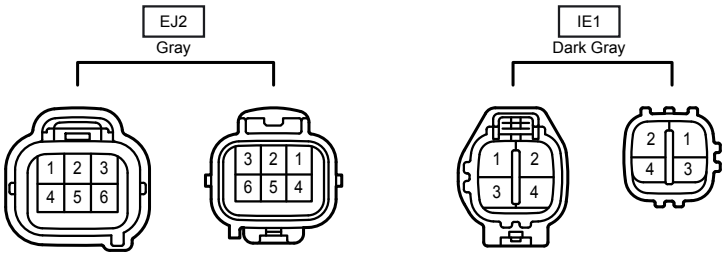
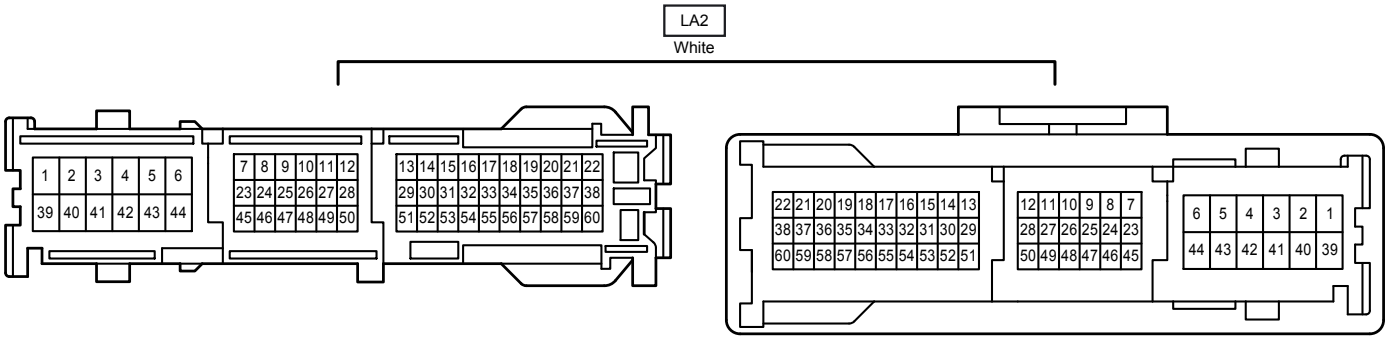
4 5 6
3 2 1
6 5 4


EJ2
Gray
1 2 3
4 5 6
3 2 1
6 5 4
IE1
Dark Gray
1 2
3 4
2 1
4 3


LA2
White
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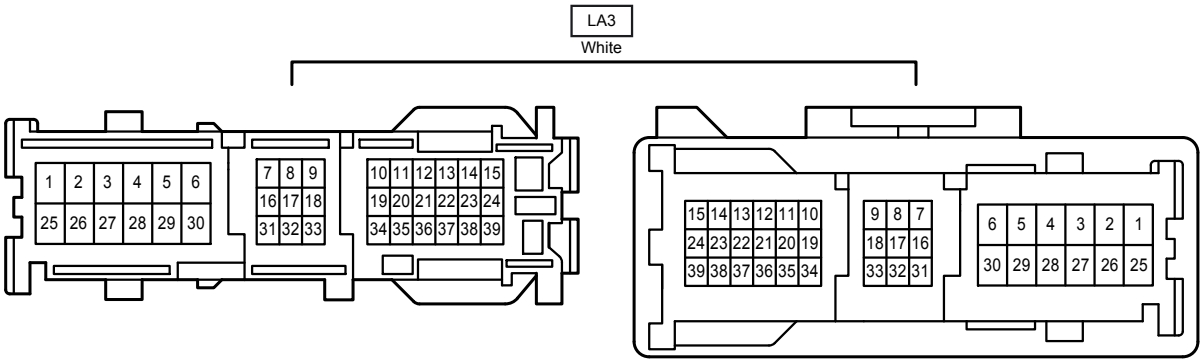
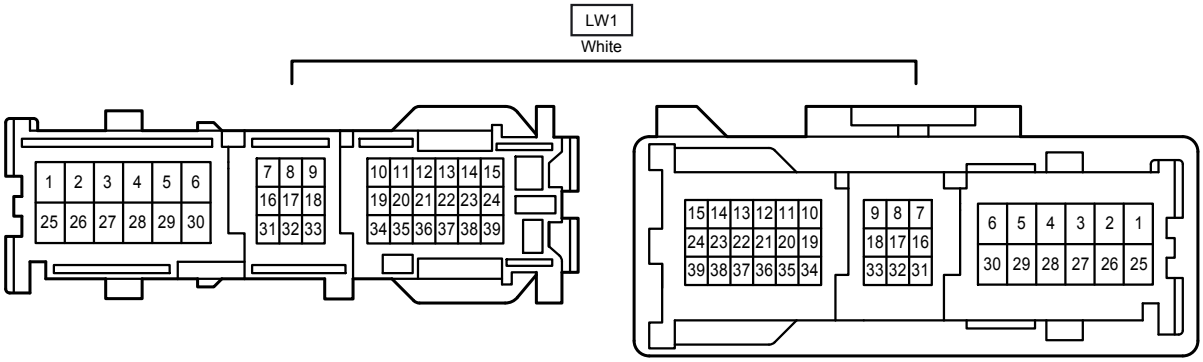
7 8 9 10 11 12
23 24 25 26 27 28
45 46 47 48 49 50
13 14 15 16 17 18 19 20 21 22
29 30 31 32 33 34 35 36 37 38
51 52 53 54 55 56 57 58 59 60
22 21 20 19 18 17 16 15 14 13
38 37 36 35 34 33 32 31 30 29
60 59 58 57 56 55 54 53 52 51
12 11 10 9 8 7
28 27 26 25 24 23
50 49 48 47 46 45
6 5 4 3 2 1
44 43 42 41 40 39


LA3
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25


LW1
White
1 2 3 4 5 6
25 26 27 28 29 30
7 8 9
16 17 18
31 32 33
10 11 12 13 14 15
19 20 21 22 23 24
34 35 36 37 38 39
15 14 13 12 11 10
24 23 22 21 20 19
39 38 37 36 35 34
9 8 7
18 17 16
33 32 31
6 5 4 3 2 1
30 29 28 27 26 25