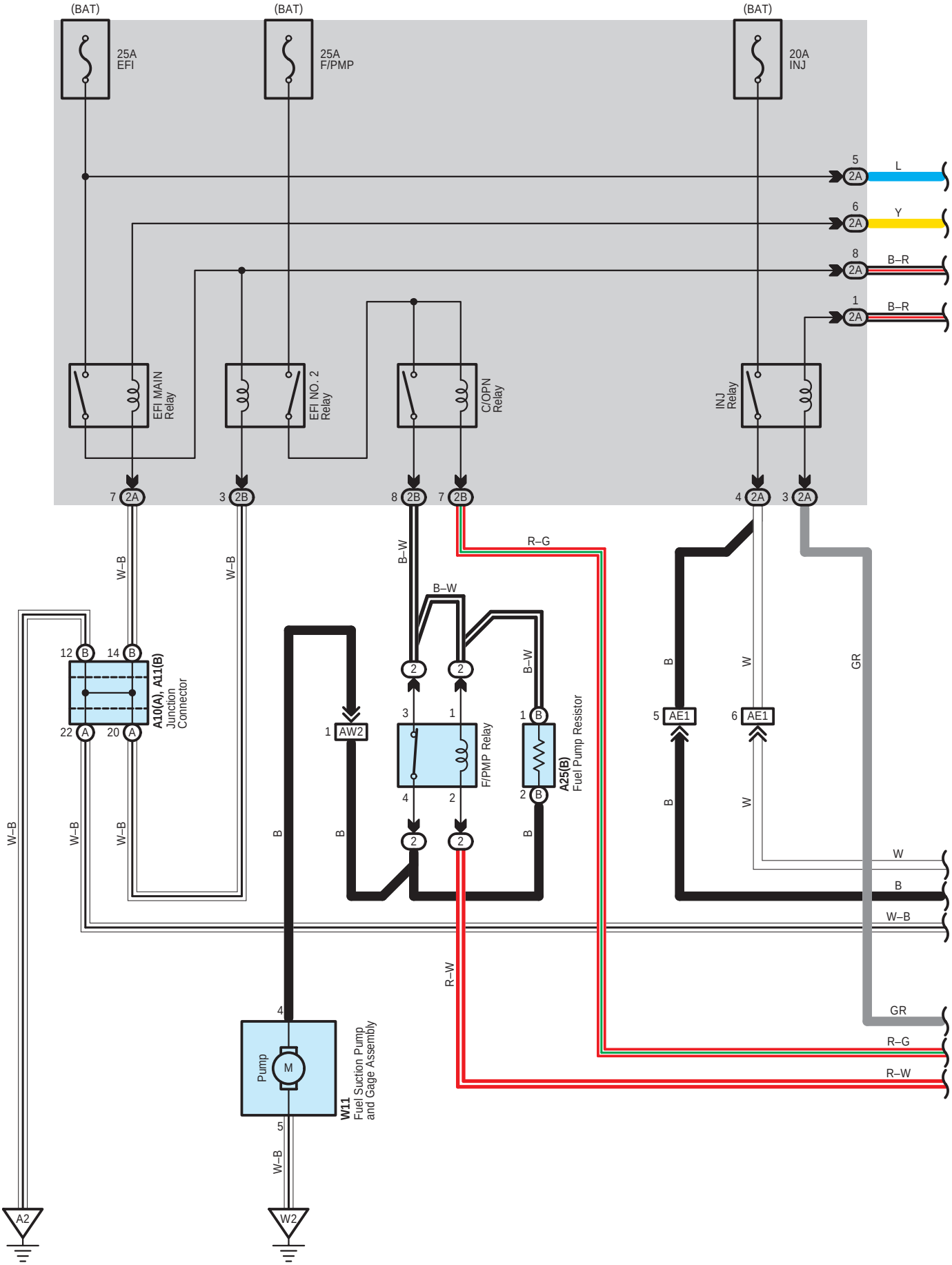
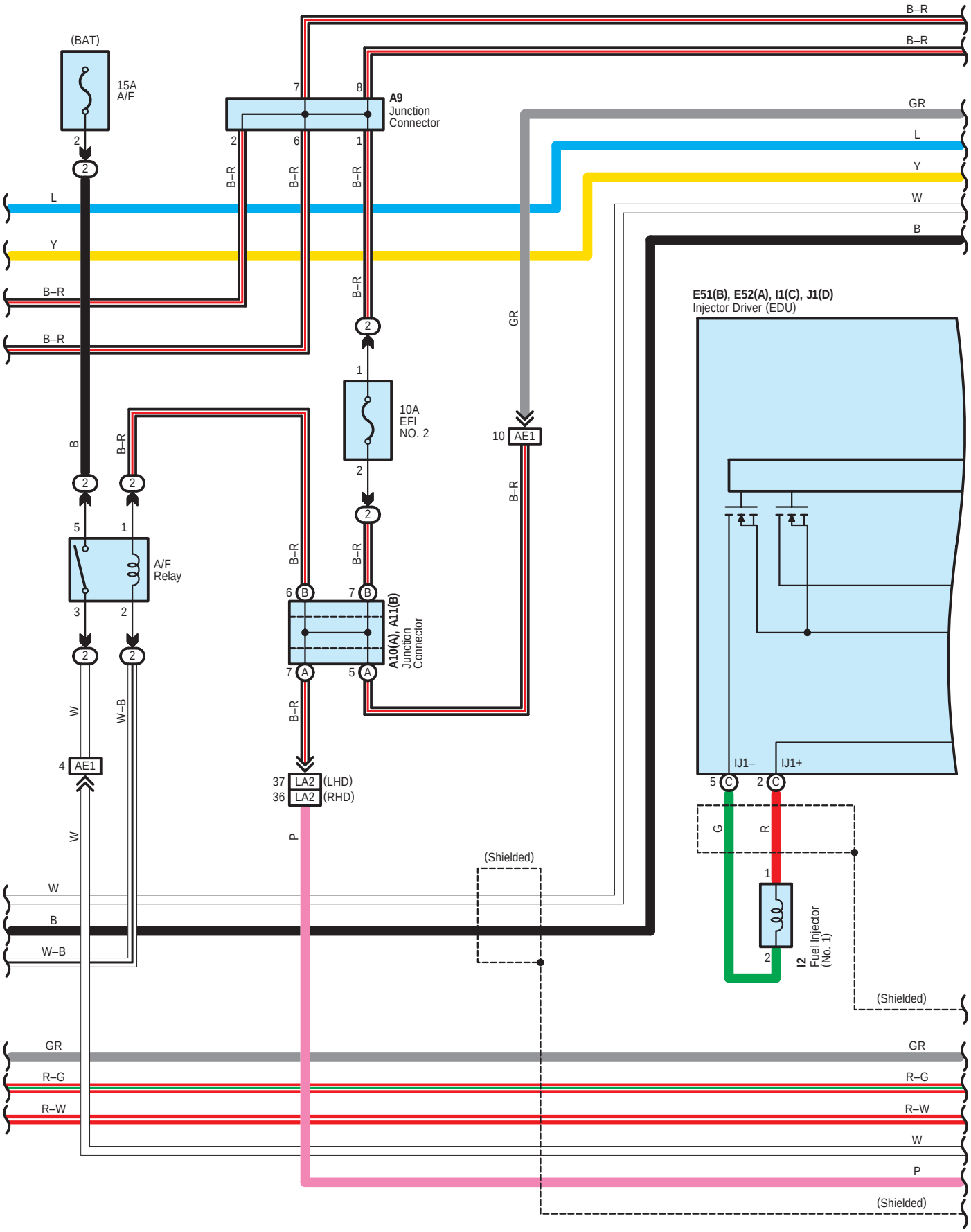
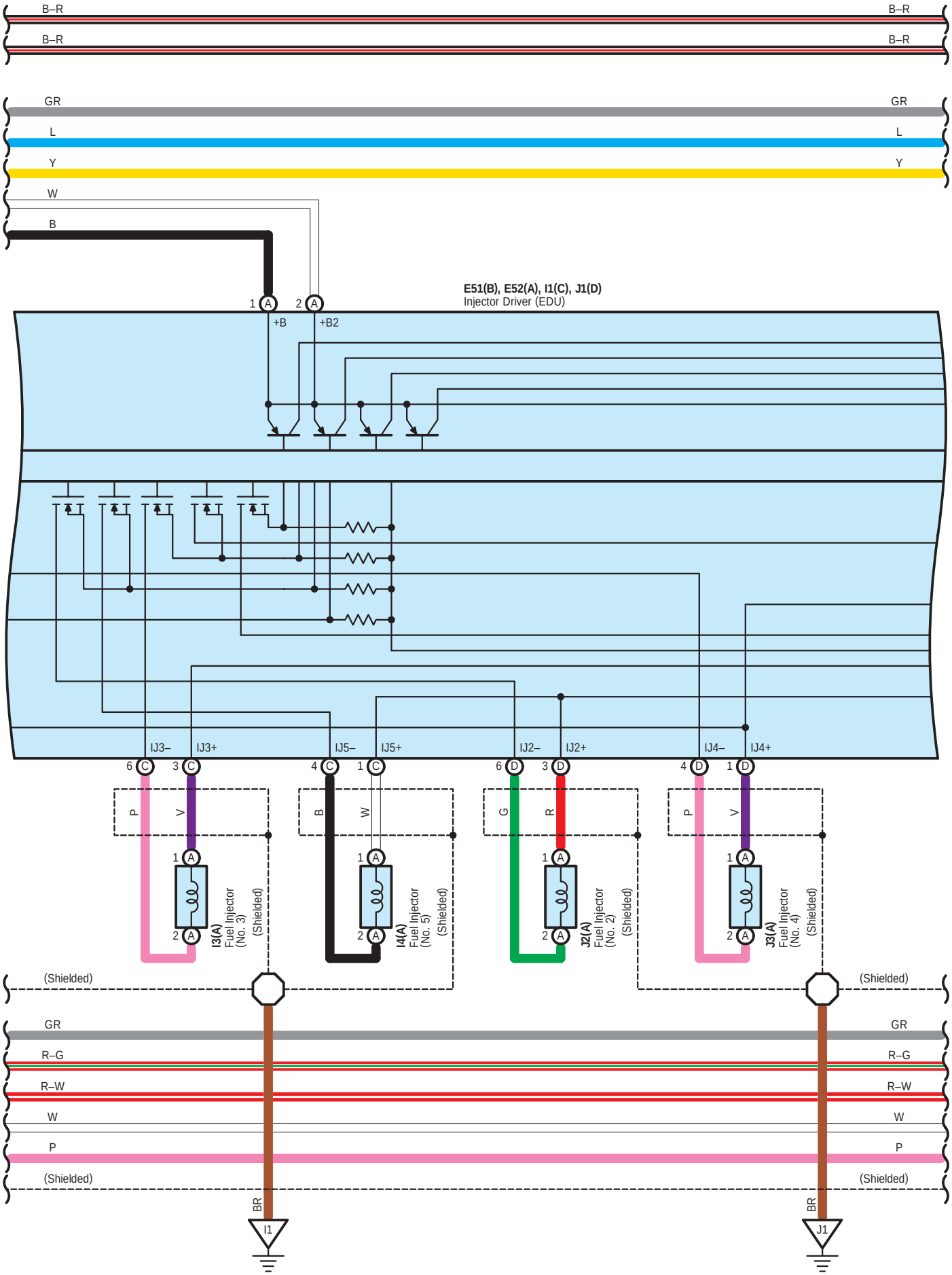
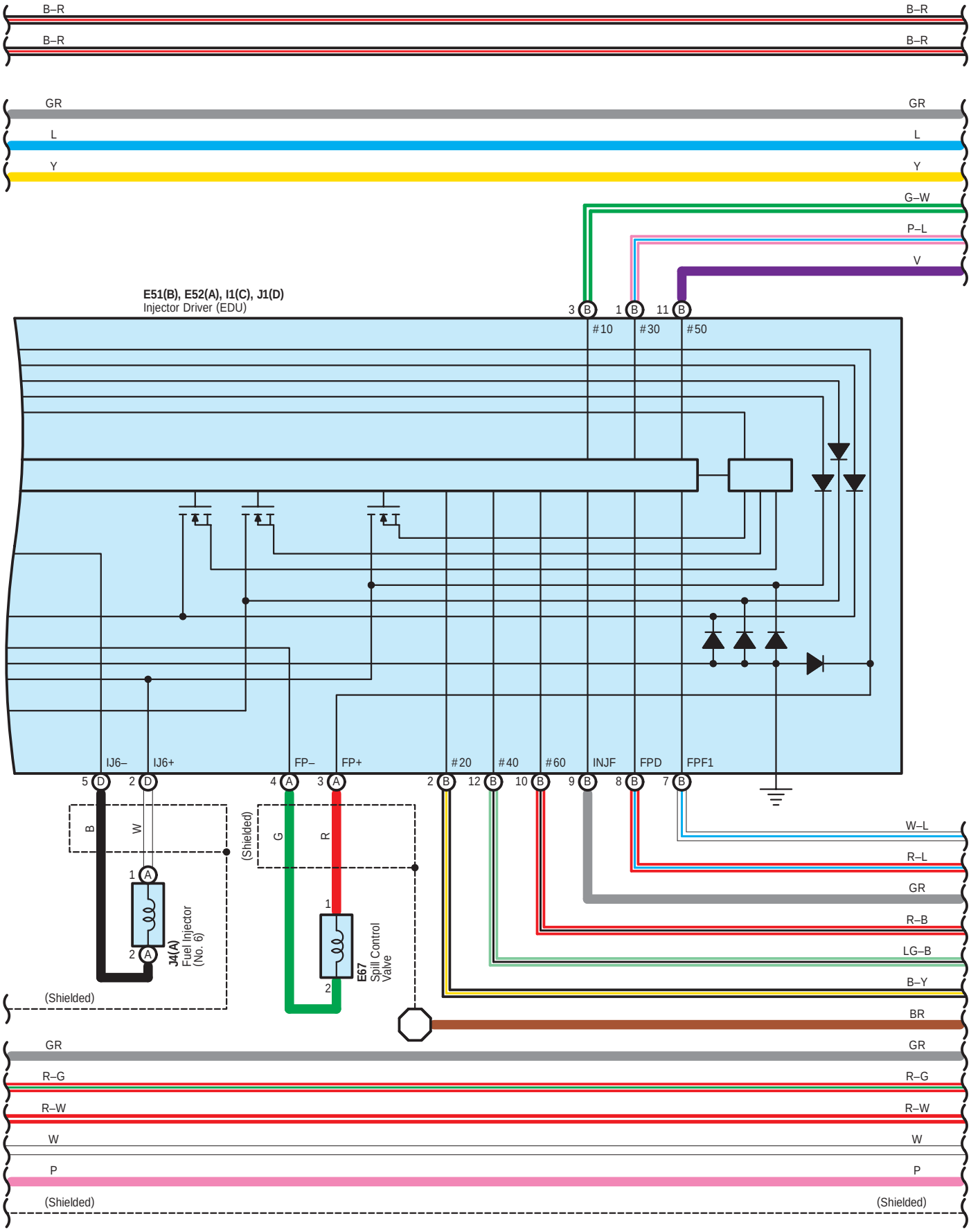
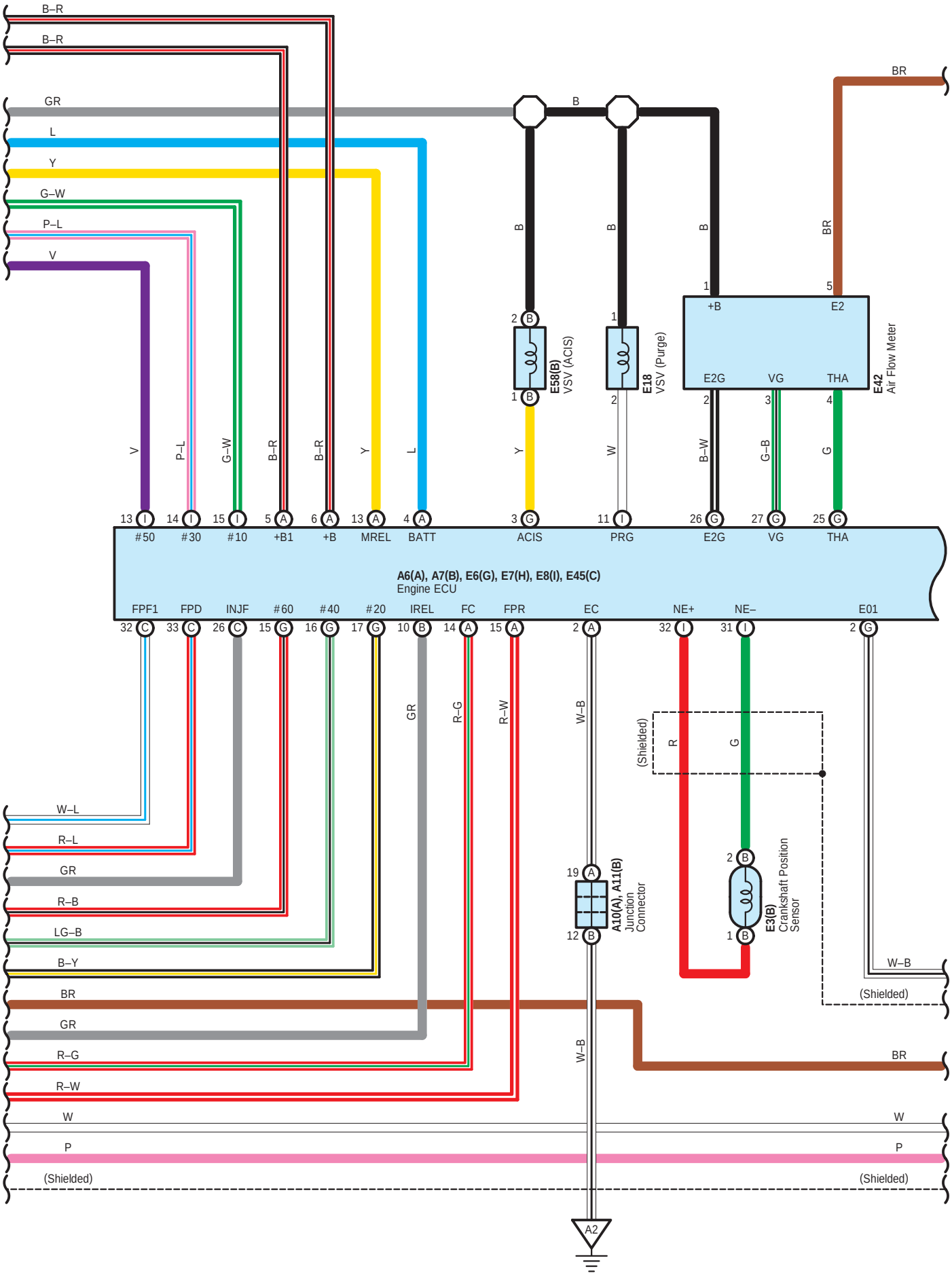
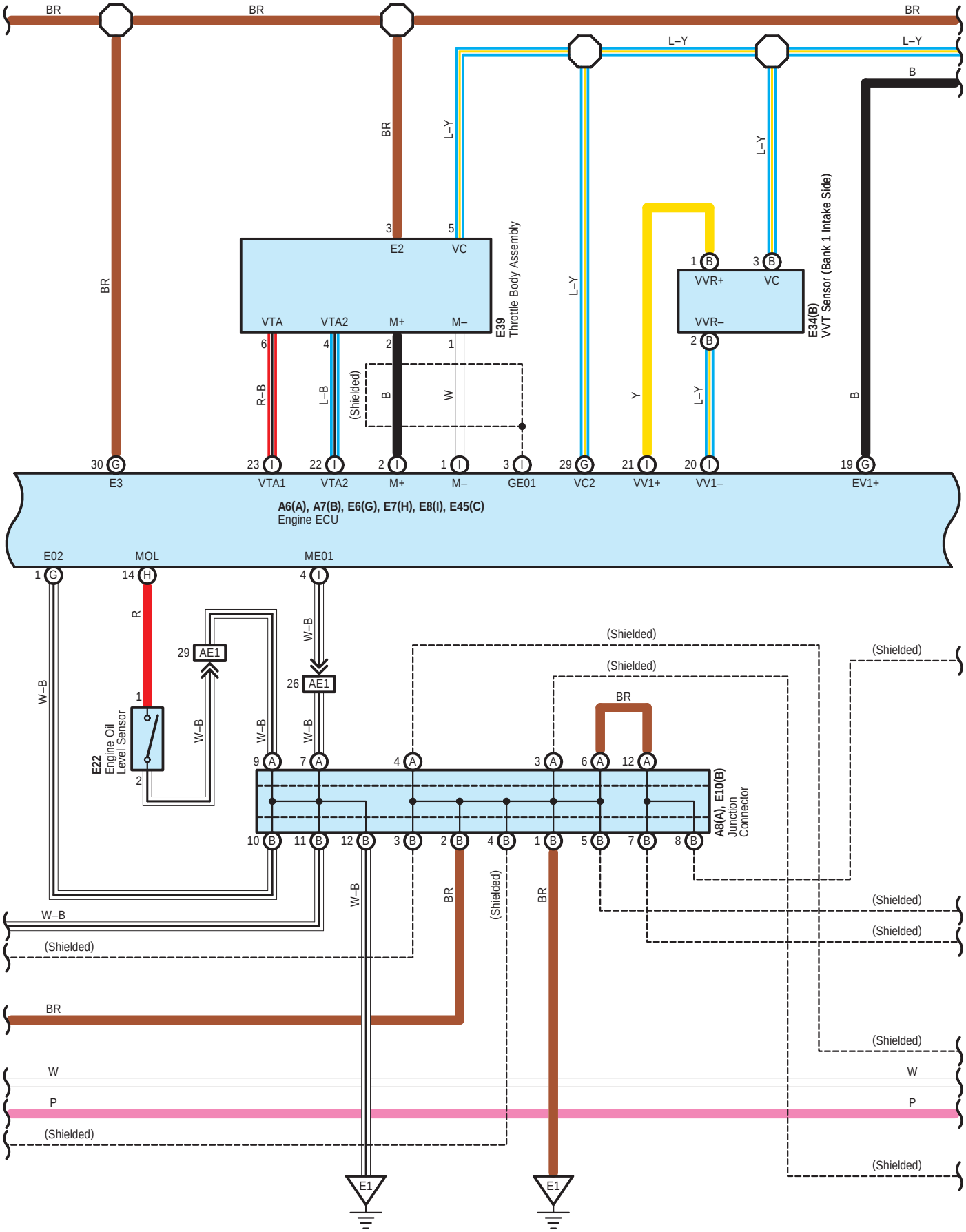

(BAT)
25A
EFI
(BAT)
25A
F/PMP
(BAT)
20A
INJ
5
2A
L
6
2A
Y
8
2A
B–R
1
2A
B–R
EFI MAIN
Relay
EFI NO. 2
Relay
C/OPN
Relay
INJ
Relay
7 2A
3 2B
8 2B
7 2B
4 2A
3 2A
W–B
W–B
B–W
R–G
B–W
12 B
14 B
22 A
20 A
A10(A), A11(B)
Junction
Connector
1 AW2
3
1
4
2
F/PMP Relay
B–W
1 B
2 B
A25(B)
Fuel Pump Resistor
B
W
GR
5 AE1
6 AE1
B
W
W–B
W–B
W–B
B
B
B
B
W
B
W–B
R–W
GR
R–G
R–W
4
Pump
M
W11
Fuel Suction Pump
and Gage Assembly
5
W–B
A2
W2

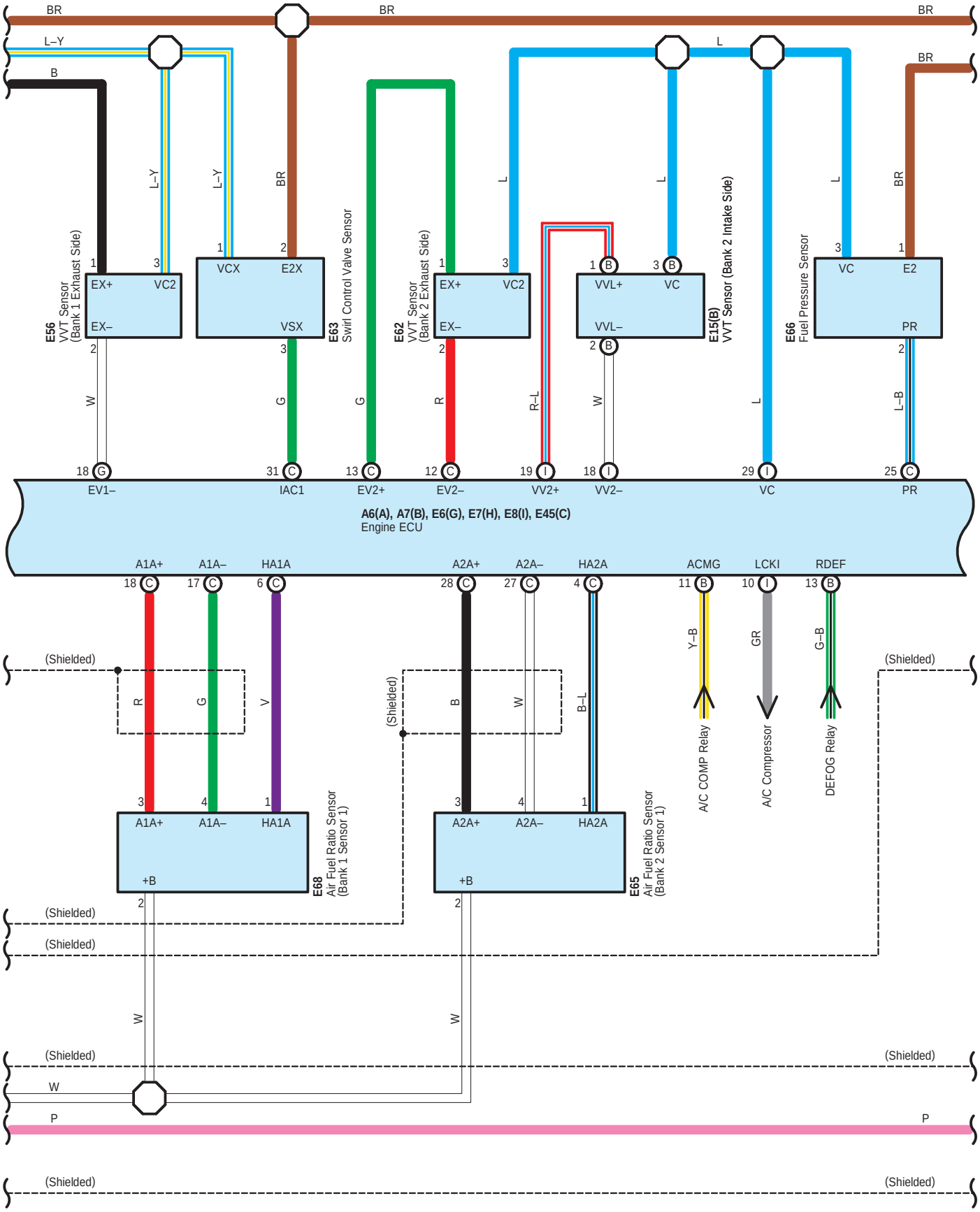

(BAT)
15A
A/F
A9
Junction
Connector
10A
EFI
NO. 2
AE1
A/F
Relay
A10(A), A11(B)
Junction
Connector
LA2
(LHD)
(RHD)
E51(B), E52(A), I1(C), J1(D)
Injector Driver (EDU)
IJ1–
IJ1+
I2
Fuel Injector
(No. 1)
(Shielded)
B–R
GR
L
Y
W
B
W–B
R–G
R–W
P

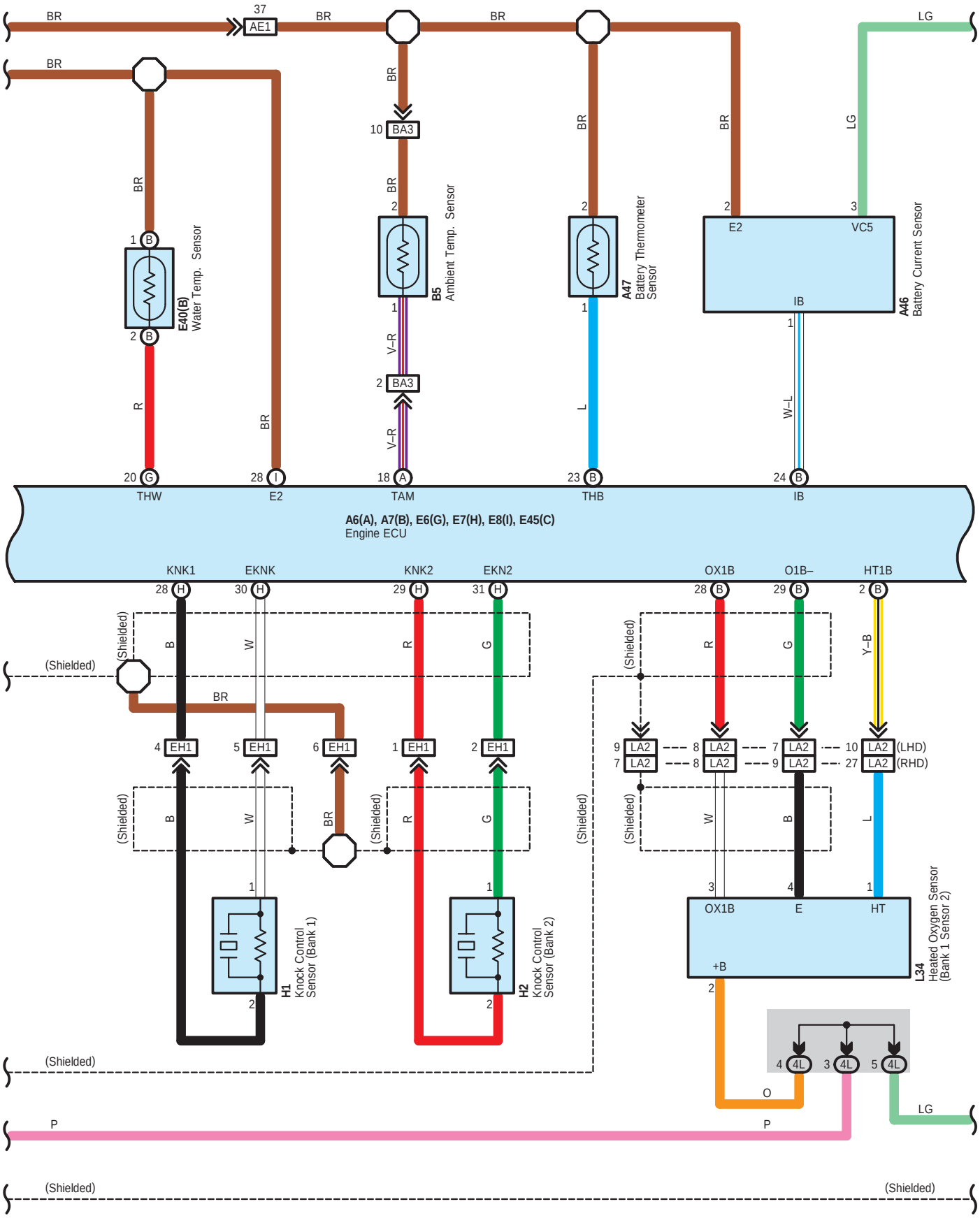

B–R
B–R
B–R
B–R
GR
L
Y
GR
L
Y
W
B
E51(B), E52(A), I1(C), J1(D)
Injector Driver (EDU)
1 A
2 A
+B
+B2
IJ3–
IJ3+
IJ5–
IJ5+
IJ2–
IJ2+
IJ4–
IJ4+
6 C
3 C
4 C
1 C
6 D
3 D
4 D
1 D
P
V
B
W
G
R
P
V
I3(A)
Fuel Injector
(No. 3)
(Shielded)
I4(A)
Fuel Injector
(No. 5)
(Shielded)
J2(A)
Fuel Injector
(No. 2)
(Shielded)
J3(A)
Fuel Injector
(No. 4)
(Shielded)
(Shielded)
(Shielded)
GR
R–G
R–W
W
P
(Shielded)
GR
R–G
R–W
W
P
(Shielded)
BR
I1
BR
J1

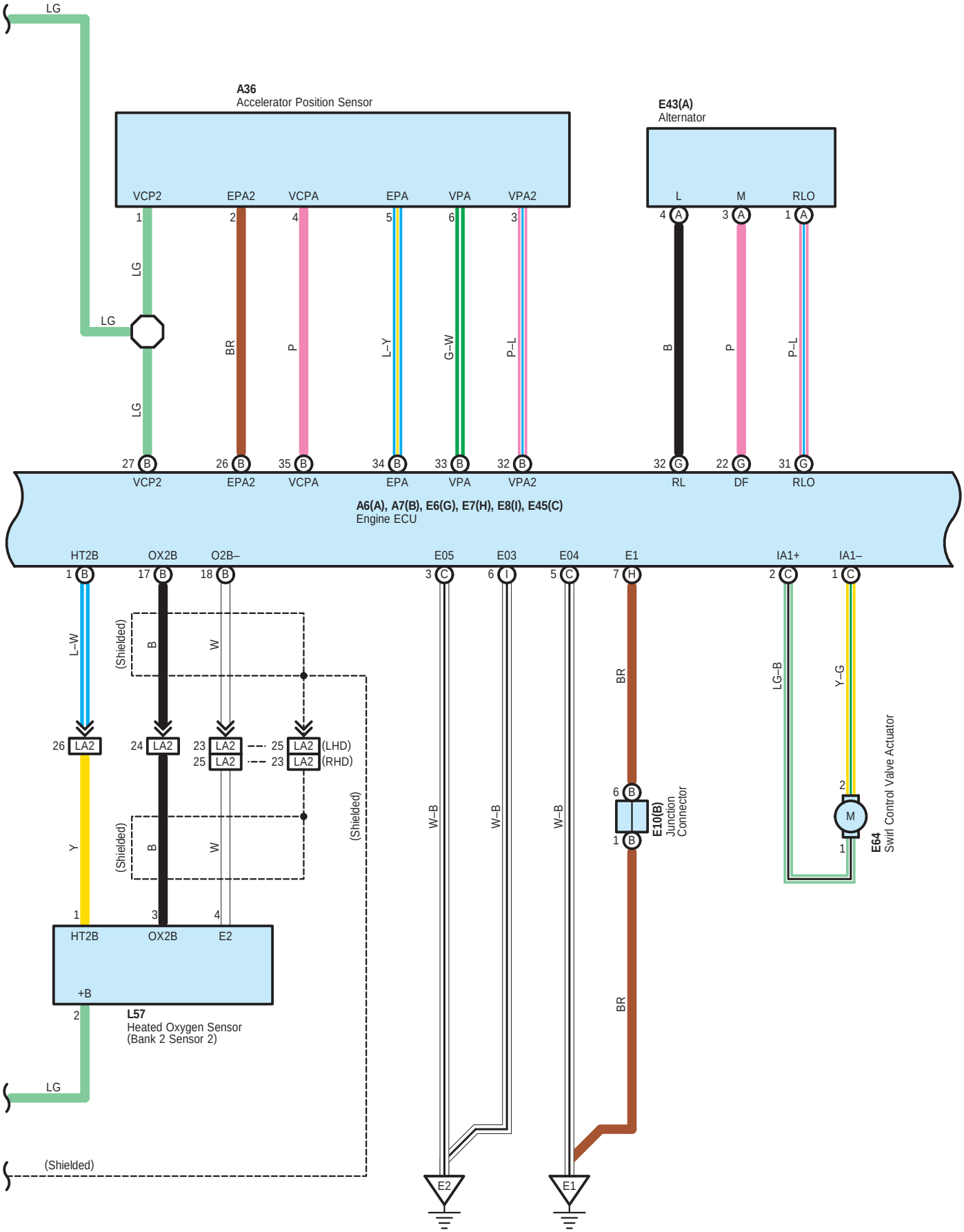

B–R
B–R
B–R
B–R
GR
L
Y
GR
L
Y
G–W
P–L
V
E51(B), E52(A), I1(C), J1(D)
Injector Driver (EDU)
3 B #10
1 B #30
11 B #50
IJ6–
IJ6+
FP–
FP+
#20
#40
#60
INJF
FPD
FPF1
5 D
2 D
4 A
3 A
2 B
12 B
10 B
9 B
8 B
7 B
B
W
(Shielded)
G
R
1 A
2 A
J4(A)
Fuel Injector
(No. 6)
1
2
E67
Spill Control
Valve
(Shielded)
W–L
R–L
GR
R–B
LG–B
B–Y
BR
GR
R–G
R–W
W
P
(Shielded)
GR
R–G
R–W
W
P
(Shielded)

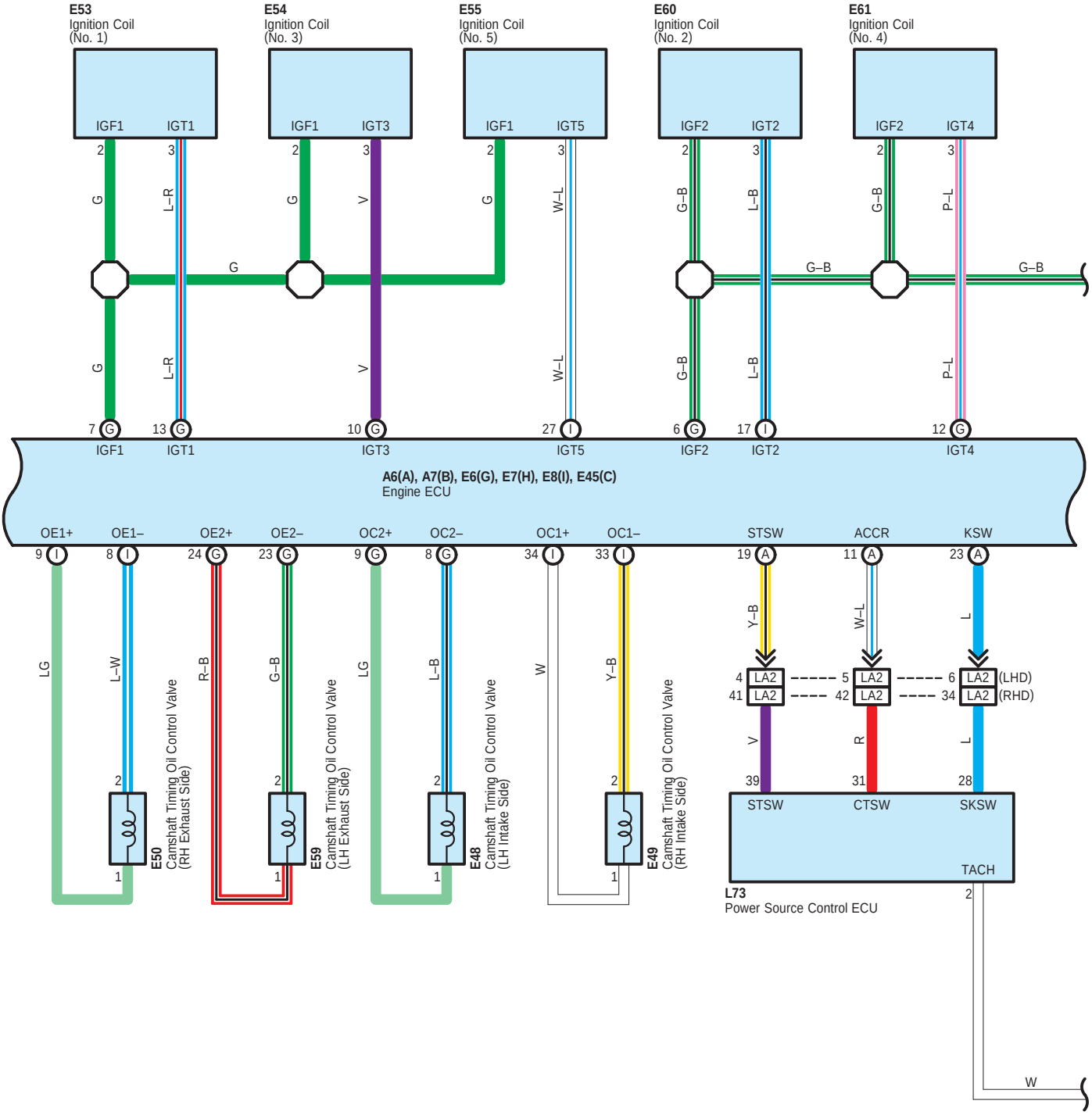

B–R
B–R
GR
L
Y
G–W
P–L
V
BR
B
B
B
B
BR
E58(B)
VSV (ACIS)
E18
VSV (Purge)
+B
E2
E2G
VG
THA
E42
Air Flow Meter
V
P–L
G–W
B–R
B–R
Y
L
Y
W
B–W
G–B
G
#50
#30
#10
+B1
+B
MREL
BATT
ACIS
PRG
E2G
VG
THA
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
FPF1
FPD
INJF
#60
#40
#20
IREL
FC
FPR
EC
NE+
NE–
E01
GR
R–G
R–W
W–B
(Shielded)
R
G
W–L
R–L
GR
R–B
LG–B
B–Y
BR
GR
R–G
R–W
W
P
(Shielded)
A10(A), A11(B)
Junction
Connector
E3(B)
Crankshaft Position
Sensor
W–B
(Shielded)
BR
W–B
W
P
(Shielded)
A2

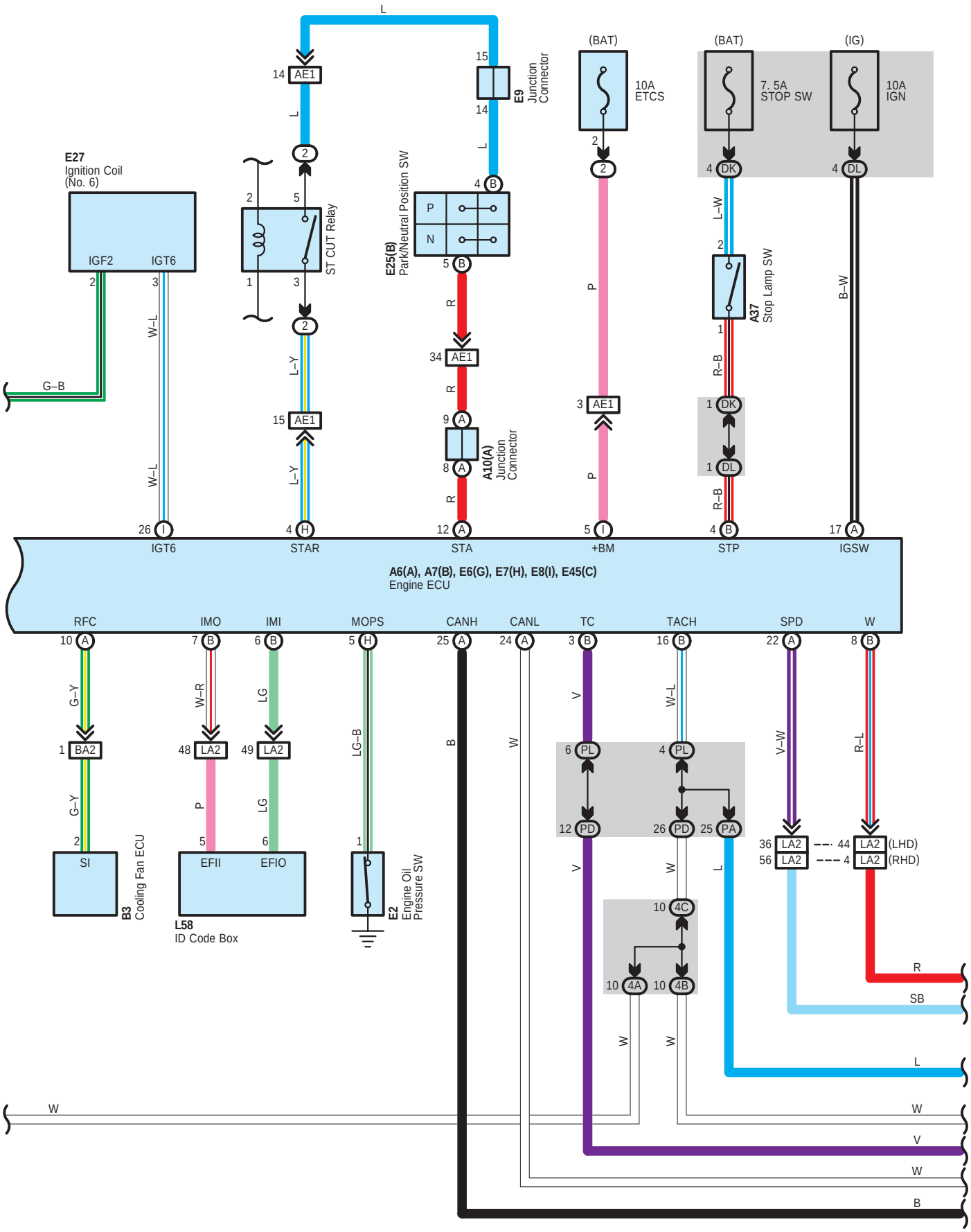

BR
BR
BR
L–Y
L–Y
B
BR
L–Y
L–Y
BR
3
5
E2
VC
E39
Throttle Body Assembly
VTA
VTA2
M+
M–
6
4
2
1
R–B
L–B
(Shielded)
B
W
L–Y
Y
L–Y
B
1
3
VVR+
VC
VVR–
2
E34(B)
VVT Sensor (Bank 1 Intake Side)
30
23
22
2
1
3
29
21
20
19
E3
VTA1
VTA2
M+
M–
GE01
VC2
VV1+
VV1–
EV1+
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
E02
MOL
ME01
1
14
4
R
W–B
29
AE1
26
AE1
(Shielded)
(Shielded)
(Shielded)
BR
1
E22
Engine Oil
Level Sensor
2
W–B
W–B
W–B
W–B
9
7
4
3
6
12
A8(A), E10(B)
Junction
Connector
10
11
12
3
2
4
1
5
7
8
W–B
BR
(Shielded)
BR
(Shielded)
(Shielded)
(Shielded)
W–B
(Shielded)
BR
(Shielded)
W
W
P
P
(Shielded)
(Shielded)
E1
E1

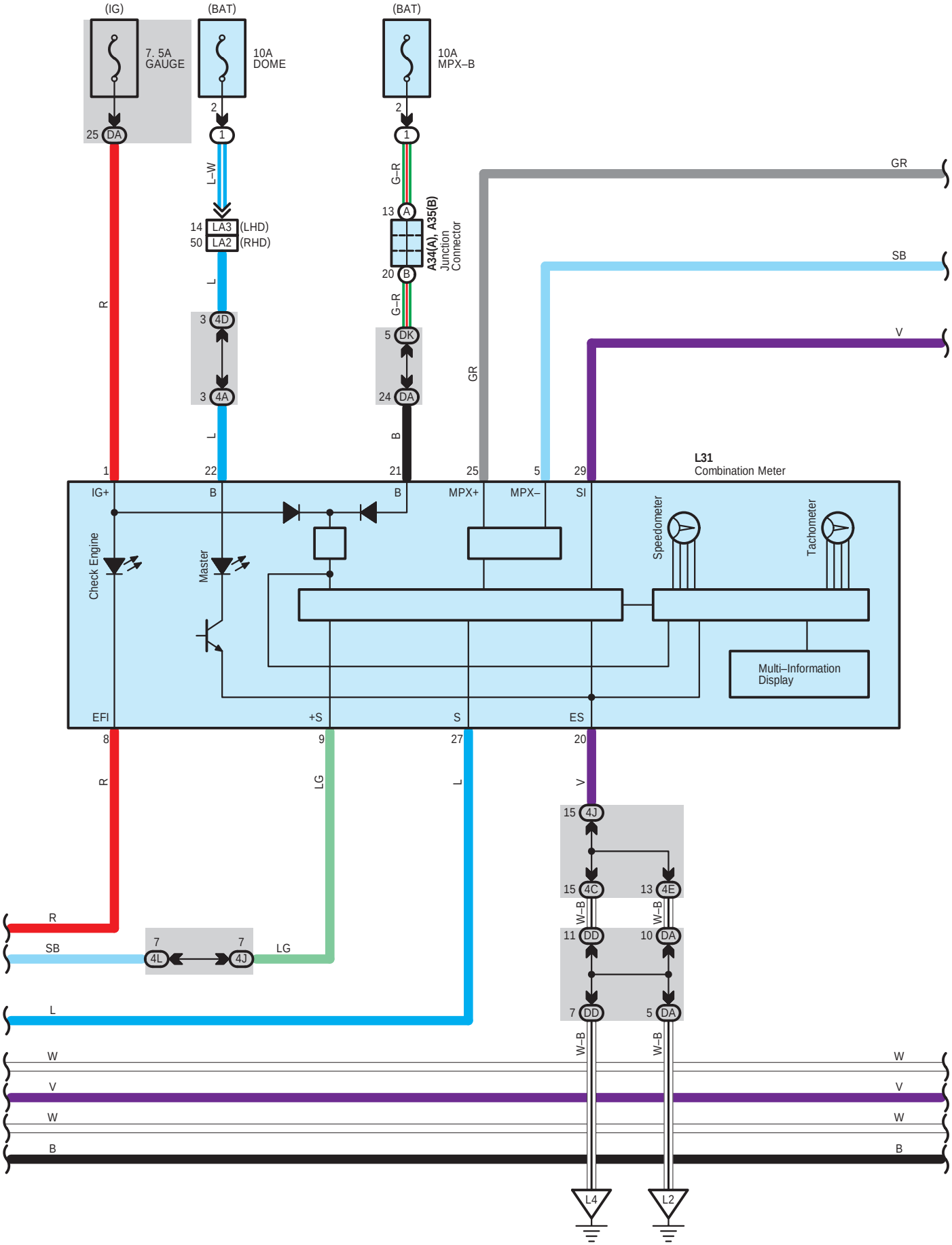

BR
L–Y
B
L
E56
VVT Sensor
(Bank 1 Exhaust Side)
EX+
VC2
EX–
VCX
E2X
VSX
E63
Swirl Control Valve Sensor
E62
VVT Sensor
(Bank 2 Exhaust Side)
VVL+
VC
VVL–
E15(B)
VVT Sensor (Bank 2 Intake Side)
E66
Fuel Pressure Sensor
E2
PR
W
G
R
R–L
L–B
EV1–
IAC1
EV2+
EV2–
VV2+
VV2–
VC
PR
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
A1A+
A1A–
HA1A
A2A+
A2A–
HA2A
ACMG
LCKI
RDEF
(Shielded)
V
B
B–L
Y–B
GR
G–B
A/C COMP Relay
A/C Compressor
DEFOG Relay
+B
E68
Air Fuel Ratio Sensor
(Bank 1 Sensor 1)
E65
Air Fuel Ratio Sensor
(Bank 2 Sensor 1)
P

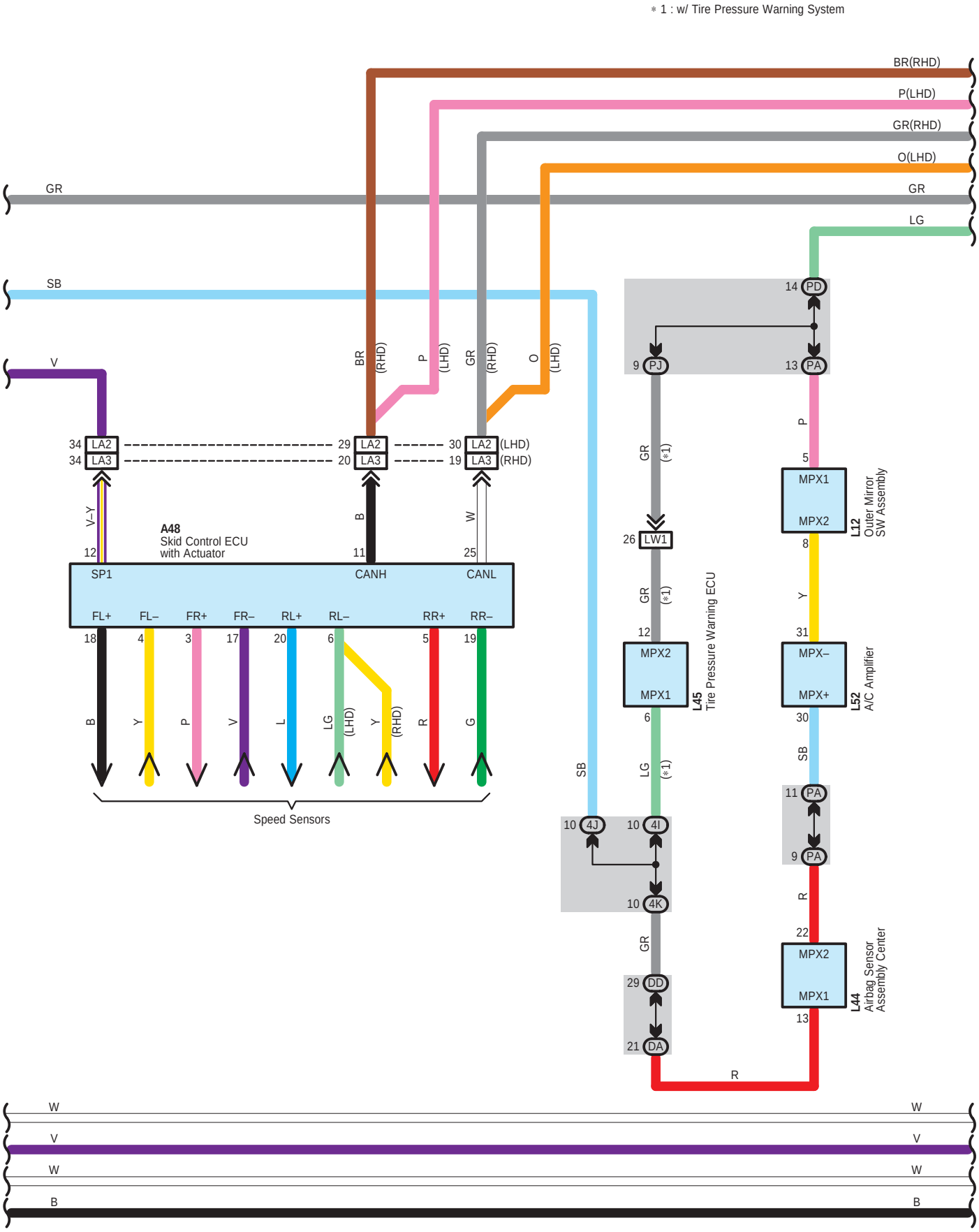

BR
37
AE1
BR
BR
LG
BR
10
BA3
BR
BR
LG
BR
2
B5
Ambient Temp. Sensor
2
A47
Battery Thermometer Sensor
2
E2
3
VC5
A46
Battery Current Sensor
IB
1
B
2
B
E40(B)
Water Temp. Sensor
V–R
2
BA3
V–R
R
BR
L
W–L
20
G
THW
28
I
E2
18
A
TAM
23
B
THB
24
B
IB
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
KNK1
EKNK
KNK2
EKN2
OX1B
O1B–
HT1B
28
H
30
H
29
H
31
H
28
B
29
B
2
B
(Shielded)
B
W
R
G
R
G
Y–B
BR
4
EH1
5
EH1
6
EH1
1
EH1
2
EH1
9
LA2
7
LA2
8
LA2
8
LA2
7
LA2
9
LA2
10
LA2
(LHD)
27
LA2
(RHD)
B
W
BR
R
G
W
B
L
1
2
H1
Knock Control Sensor (Bank 1)
1
2
H2
Knock Control Sensor (Bank 2)
3
OX1B
4
E
1
HT
+B
2
L34
Heated Oxygen Sensor (Bank 1 Sensor 2)
4
4L
3
4L
5
4L
O
P
P
LG

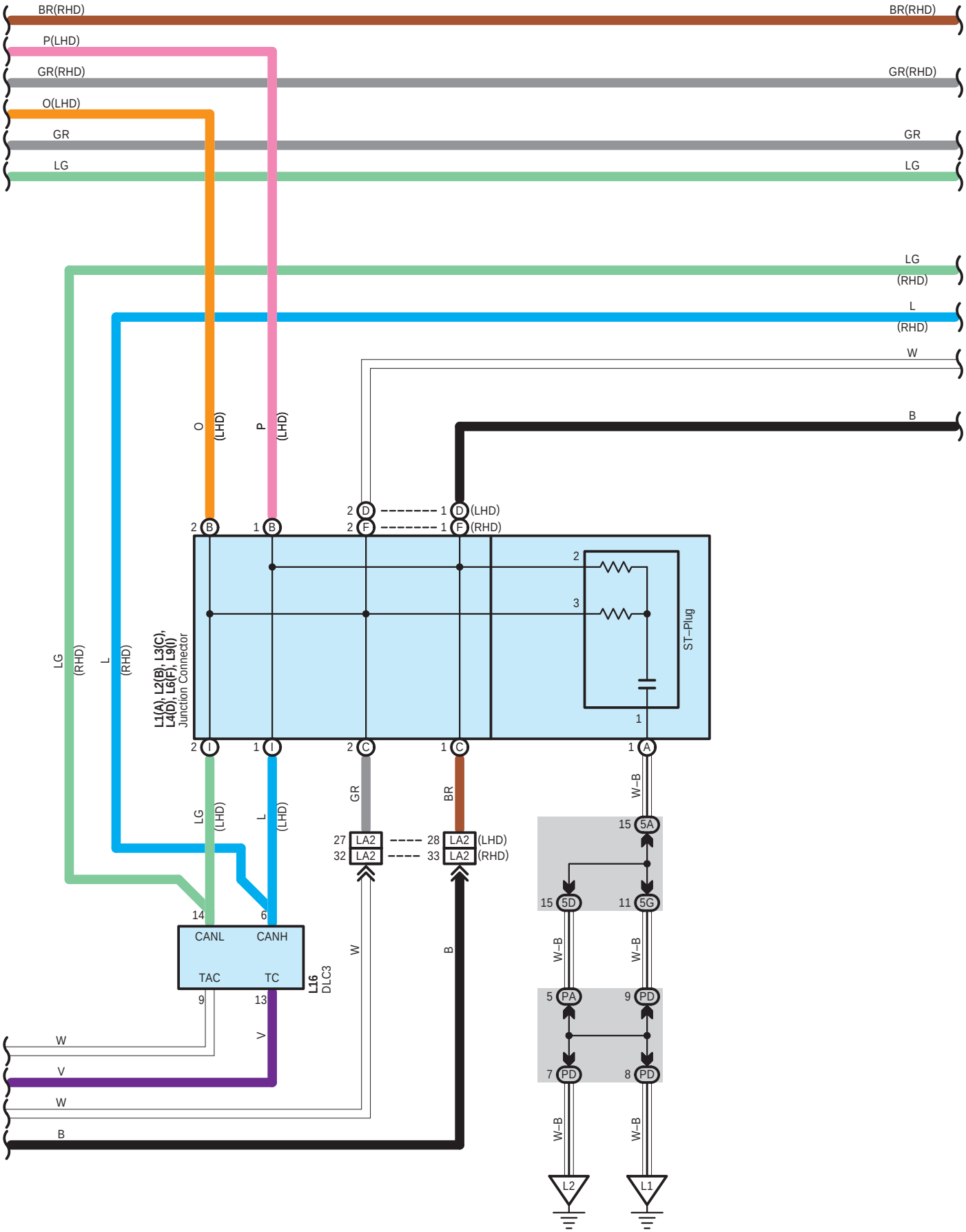

LG
A36
Accelerator Position Sensor
VCP2
EPA2
VCPA
EPA
VPA
VPA2
E43(A)
Alternator
L
M
RLO
LG
BR
P
L–Y
G–W
P–L
B
P
P–L
VCP2
EPA2
VCPA
EPA
VPA
VPA2
RL
DF
RLO
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
HT2B
OX2B
O2B–
E05
E03
E04
E1
IA1+
IA1–
L–W
(Shielded)
B
W
LA2
(LHD)
(RHD)
Y
W–B
BR
LG–B
Y–G
E10(B)
Junction
Connector
E64
Swirl Control Valve Actuator
HT2B
OX2B
E2
+B
L57
Heated Oxygen Sensor
(Bank 2 Sensor 2)
E2
E1

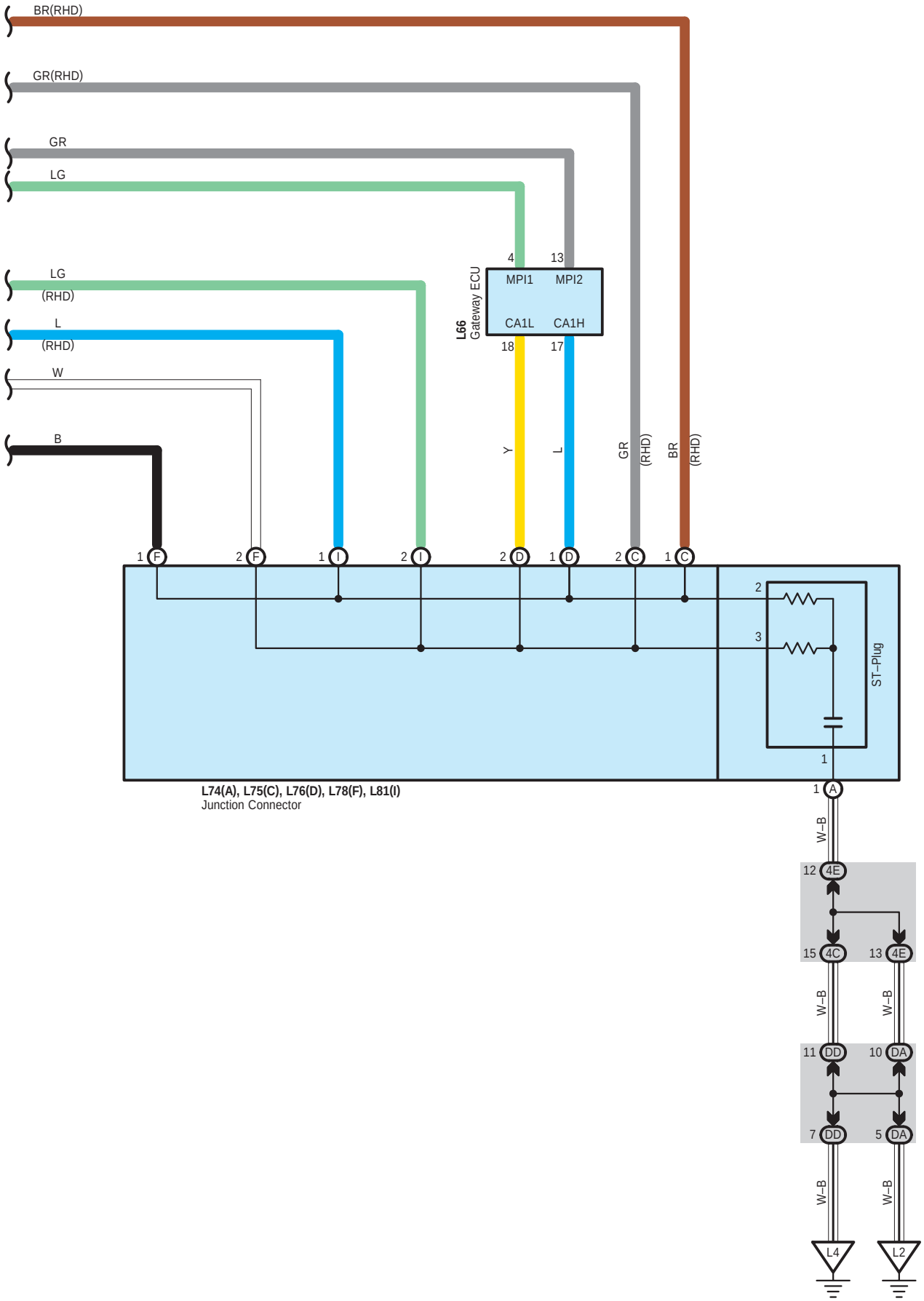

E53
Ignition Coil
(No. 1)
E54
Ignition Coil
(No. 3)
E55
Ignition Coil
(No. 5)
E60
Ignition Coil
(No. 2)
E61
Ignition Coil
(No. 4)
IGF1
IGT1
IGF1
IGT3
IGF1
IGT5
IGF2
IGT2
IGF2
IGT4
G
L–R
V
W–L
G–B
L–B
P–L
IGF1
IGT1
IGT3
IGT5
IGF2
IGT2
IGT4
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
OE1+
OE1–
OE2+
OE2–
OC2+
OC2–
OC1+
OC1–
STSW
ACCR
KSW
LG
L–W
R–B
W
Y–B
L
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)
E49
Camshaft Timing Oil Control Valve
(RH Intake Side)
LA2
(LHD)
(RHD)
STSW
CTSW
SKSW
TACH
L73
Power Source Control ECU
W


E27
Ignition Coil
(No. 6)
IGF2
IGT6
G–B
W–L
ST CUT Relay
L–Y
AE1
E9
Junction
Connector
E25(B)
Park/Neutral Position SW
P
N
R
A10(A)
Junction
Connector
(BAT)
10A
ETCS
7. 5A
STOP SW
(IG)
10A
IGN
L–W
A37
Stop Lamp SW
R–B
B–W
IGT6
STAR
STA
+BM
STP
IGSW
A6(A), A7(B), E6(G), E7(H), E8(I), E45(C)
Engine ECU
RFC
IMO
IMI
MOPS
CANH
CANL
TC
TACH
SPD
W
G–Y
BA2
SI
B3
Cooling Fan ECU
W–R
LA2
EFII
EFIO
L58
ID Code Box
LG
LG–B
E2
Engine Oil
Pressure SW
V
PL
PD
PA
4C
4A
4B
V–W
R–L
(LHD)
(RHD)
R
SB
L
W
V
B

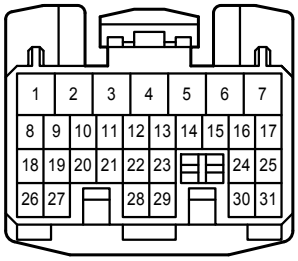

(IG)
7. 5A
GAUGE
25 DA
(BAT)
10A
DOME
2
1
L–W
14 LA3 (LHD)
50 LA2 (RHD)
L
3 4D
3 4A
L
(BAT)
10A
MPX–B
2
1
G–R
13 A
A34(A), A35(B)
Junction
Connector
20 B
G–R
5 DK
24 DA
B
GR
SB
V
R
GR
1
22
21
25
5
29
L31
Combination Meter
IG+
B
B
MPX+
MPX–
SI
Check Engine
Master
Speedometer
Tachometer
Multi–Information
Display
EFI
+S
S
ES
8
9
27
20
R
LG
L
V
15 4J
15 4C
13 4E
W–B
W–B
11 DD
10 DA
7 DD
5 DA
W–B
W–B
R
SB
7
4L
7
4J
LG
L
W
V
W
B
W
V
W
B
L4
L2


* 1 : w/ Tire Pressure Warning System
BR(RHD)
P(LHD)
GR(RHD)
O(LHD)
GR
GR
LG
SB
V
34 LA2
34 LA3
29 LA2
20 LA3
30 LA2 (LHD)
19 LA3 (RHD)
V–Y
B
W
A48
Skid Control ECU
with Actuator
12 SP1
11 CANH
25 CANL
FL+ FL– FR+ FR– RL+ RL– RR+ RR–
18 4 3 17 20 6 5 19
B Y P V L LG (LHD) Y (RHD) R G
Speed Sensors
BR (RHD)
P (LHD)
GR (RHD)
O (LHD)
14 PD
9 PJ
13 PA
GR (*1)
26 LW1
GR (*1)
12 MPX2
MPX1
6
L45 Tire Pressure Warning ECU
LG (*1)
10 4J
10 4I
10 4K
GR
29 DD
21 DA
SB
P
5 MPX1
MPX2
8
L12 Outer Mirror SW Assembly
Y
31 MPX–
MPX+
30
L52 A/C Amplifier
SB
11 PA
9 PA
R
22 MPX2
MPX1
13
L44 Airbag Sensor Assembly Center
R
W
V
W
B

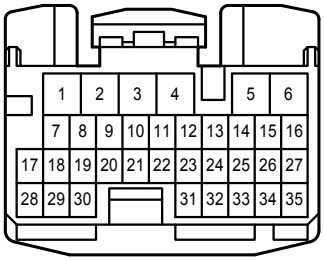

BR(RHD)
P(LHD)
GR(RHD)
O(LHD)
GR
LG
LG (RHD)
L (RHD)
W
B
O (LHD)
P (LHD)
2 D -------- 1 D (LHD)
2 F -------- 1 F (RHD)
2 B
1 B
L1(A), L2(B), L3(C), L4(D), L6(F), L9(I) Junction Connector
ST–Plug
2 I
1 I
2 C
1 C
1 A
LG (LHD)
L (LHD)
GR
BR
W–B
27 LA2 ---- 28 LA2 (LHD)
32 LA2 ---- 33 LA2 (RHD)
15 5A
15 5D
11 5G
14
6
CANL
CANH
TAC
TC
9
13
L16 DLC3
W
B
V
5 PA
9 PD
7 PD
8 PD
L2
L1


BR(RHD)
GR(RHD)
GR
LG
LG
(RHD)
L
(RHD)
W
B
L66
Gateway ECU
4
13
MPI1
MPI2
CA1L
CA1H
18
17
Y
L
GR
(RHD)
BR
(RHD)
1 F
2 F
1 I
2 I
2 D
1 D
2 C
1 C
2
3
1
ST−Plug
L74(A), L75(C), L76(D), L78(F), L81(I)
Junction Connector
1 A
W−B
12 4E
15 4C
13 4E
W−B
W−B
11 DD
10 DA
7 DD
5 DA
W−B
W−B
L4
L2

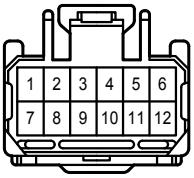
A 6
White



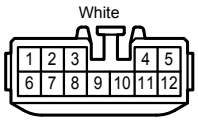
A 7
White



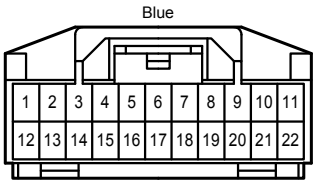
A 8
Gray



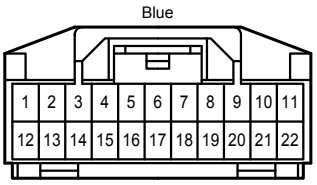
A 9
White



A 10
Blue



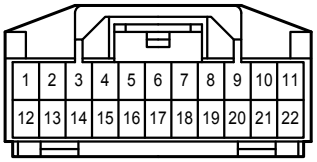
A 11
Blue



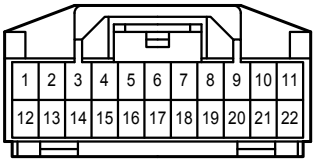
A 25
Black

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

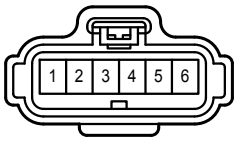
A 34
Blue



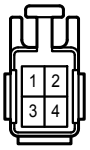
A 35
Blue



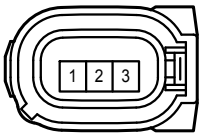
A 36
Black



A 37
Green

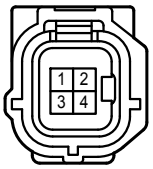


A 46
Black



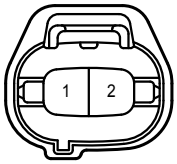
(Before Sep. 2007 Production)

A 46
Black

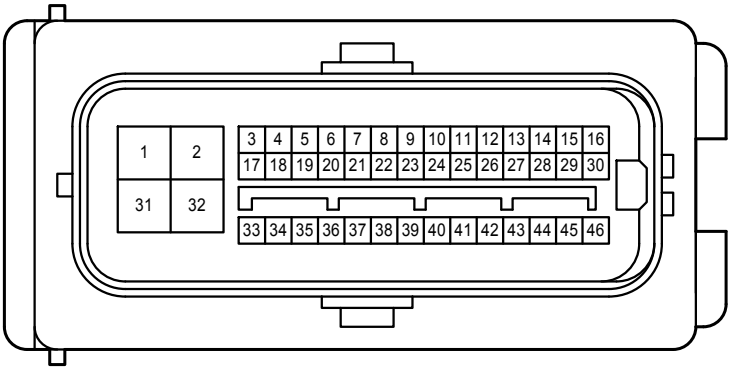


(From Sep. 2007 Production)

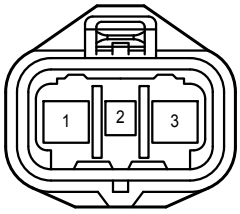
A 47
Black



A 48
Black



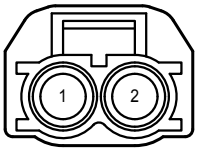
B 3
Black



B 5
Black

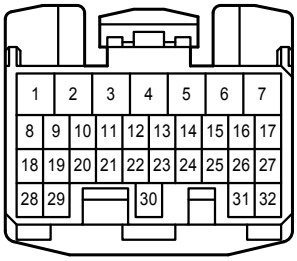
E 2
Gray

E 3
Black



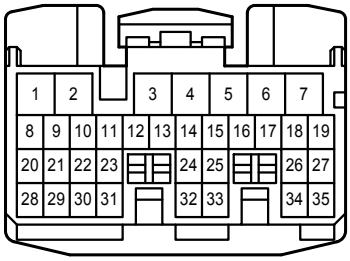
(3GR-FSE, 3GR-FE)

E 6
White



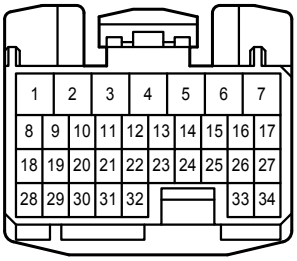
(Before Jul. 2006 Production Except 3GR-FSE)

E 7
White



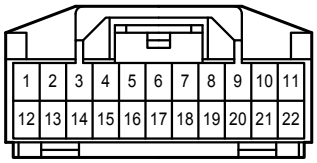
(Before Jul. 2006 Production Except 3GR-FSE)

E 8
White

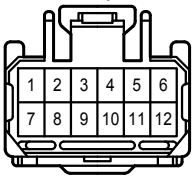


(Before Jul. 2006 Production Except 3GR-FSE)

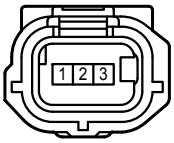
E 9
White



E 10
Gray

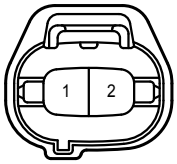


E 15
Black



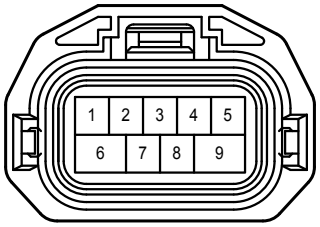
(1UR-FSE, 3GR-FSE, 3GR-FE, 2GR-FSE)

E 18
Black



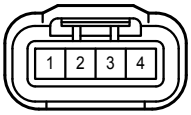
E 22
Gray

E 25
Gray

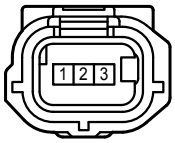


(3UZ-FE, 3GR-FE)

E 27
Gray

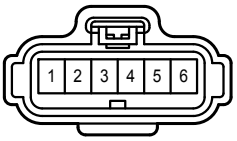


E 34
Black



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

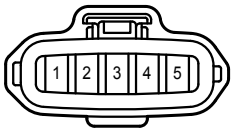
E 39
Black



E 40
Dark Gray

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

E 42
Black



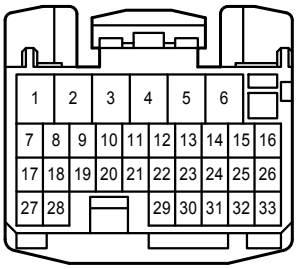
(Except 1UR-FSE)

E 42
Black

(1UR-FSE)

E 43
Black

E 45
White

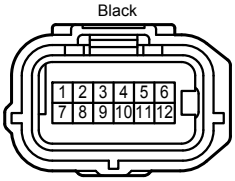


E 48
Black

E 49
Black

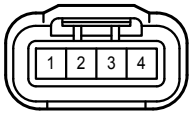
E 50
Black

E 51
Black

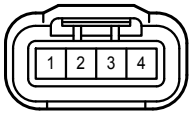


E 52
Gray

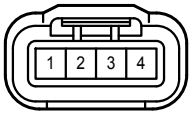
E 53
Gray



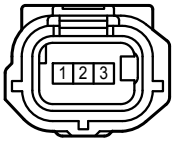
E 54
Black



E 55
Gray



E 56
Black



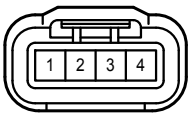
E 58
Black

(3GR-FSE, 3GR-FE)

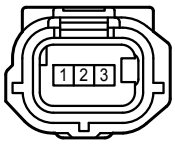
E 59
Black

E 60
Gray

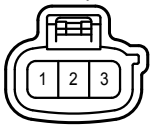
E 61
Black



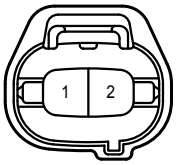
E 62
Black



E 63
Gray

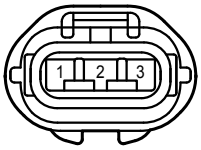


E 64
Black

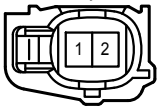


E 65
Dark Gray

E 66
Black

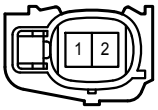


E 67
Gray

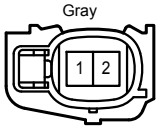


E 68
Dark Gray

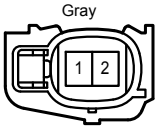
H 1
Black



H 2
Gray

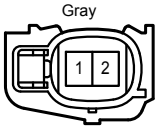


I 3
Gray



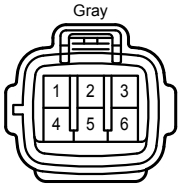
(3GR-FE)

I 4
Gray

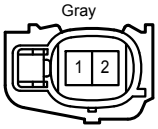


(3GR-FE)

J 1
Gray

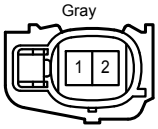


J 2
Gray



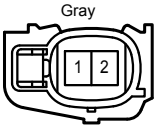
(3GR-FE)

J 3
Gray



(3GR-FE)

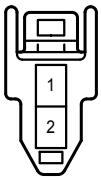
J 4
Gray



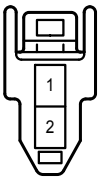
(3GR-FE)

L 1
White

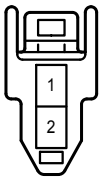
L 2
White



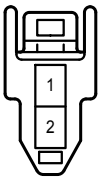
L 3
White



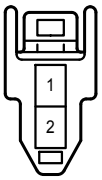
L 4
White



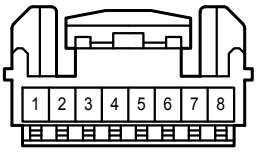
L 6
White



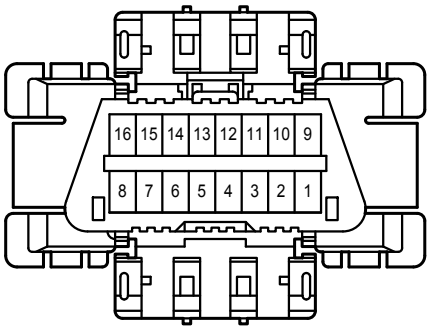
L 9
White



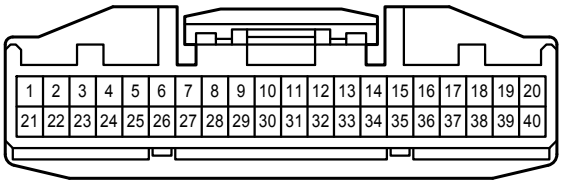
L 12
White



L 16
White

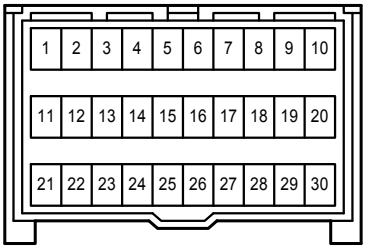


L 31
White

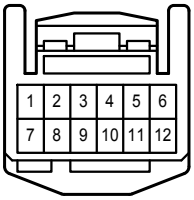


L 34
Dark Gray

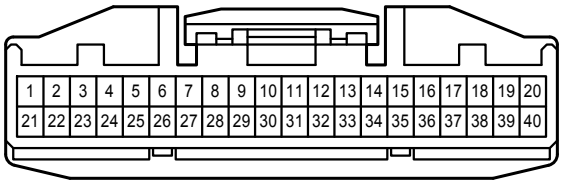
L 44
Yellow



L 45
Black

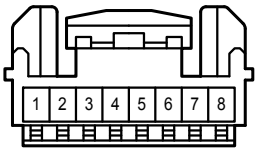


L 52
White

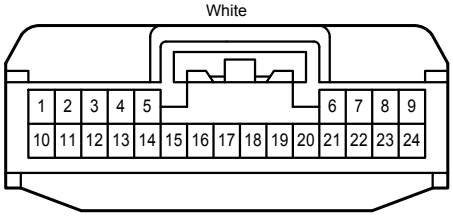


L 57
Dark Gray

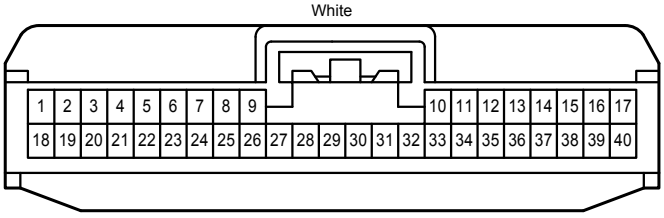
L 58
White



L 66
White

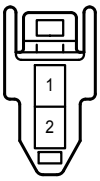


L 73
White

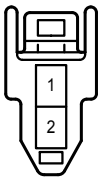


L 74
White

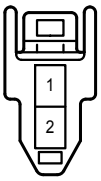
L 75
White



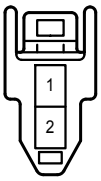
L 76
White



L 78
White

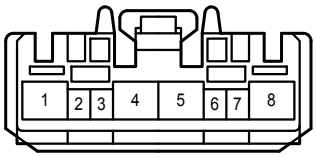


L 81
White

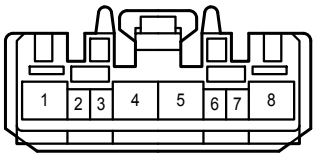


W 11
White

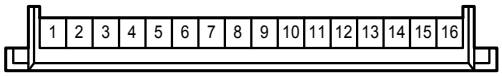
2A
White



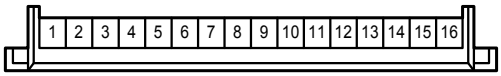
2B
White



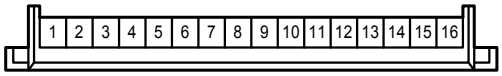
4A
White



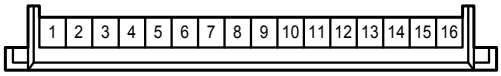
4B
White



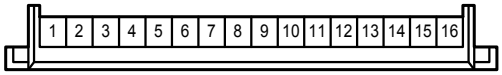
4C
White



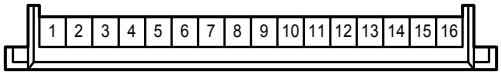
4D
White



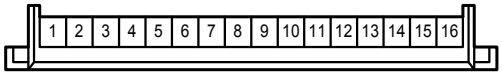
4E
White



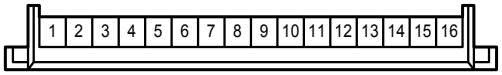
4I
White



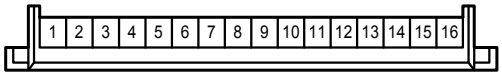
4J
White



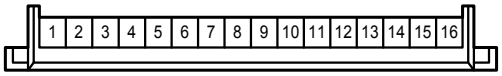
4K
White



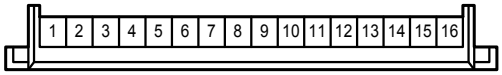
4L
White



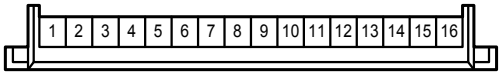
5A
White



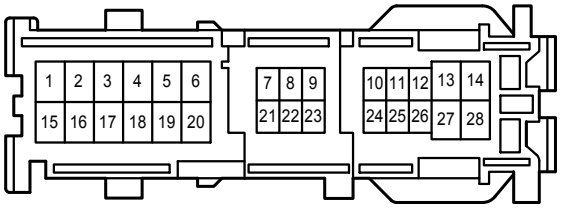
5D
White



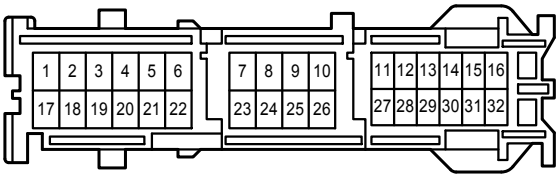
5G
White



DA
White

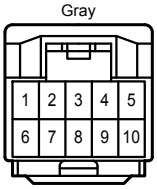


DD
White

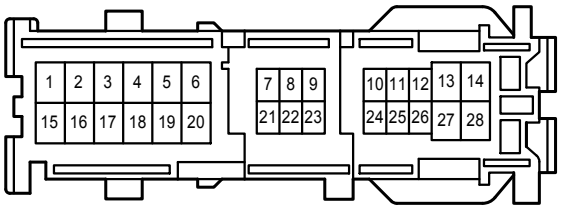


DK
Gray

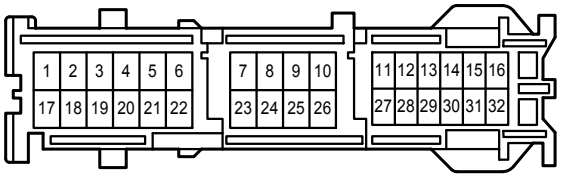
DL
Gray



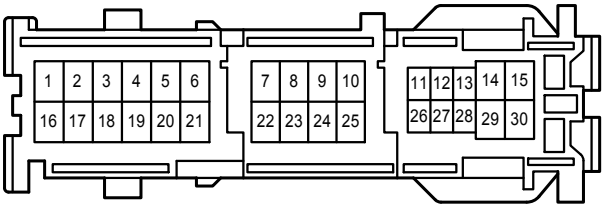
PA
White



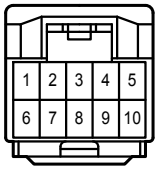
PD
White



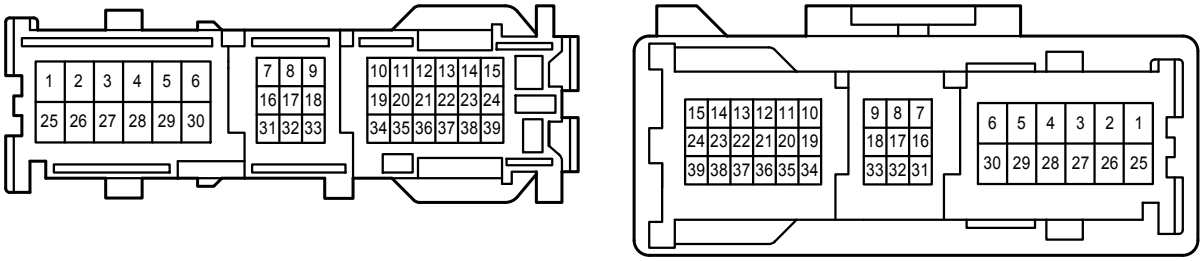
PJ
Gray



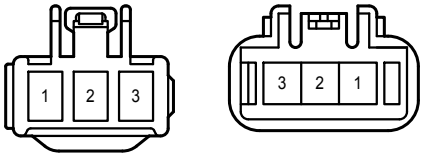
PL
Gray



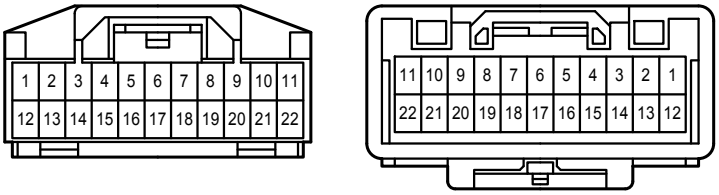
AE1
White



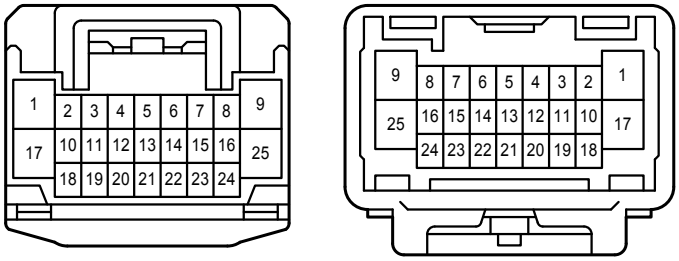
AW2
White



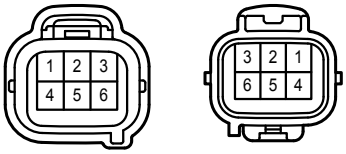
BA2
Gray



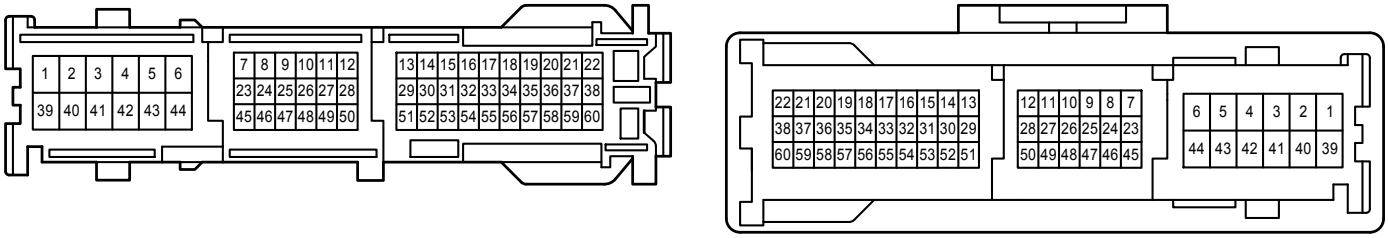
BA3
White



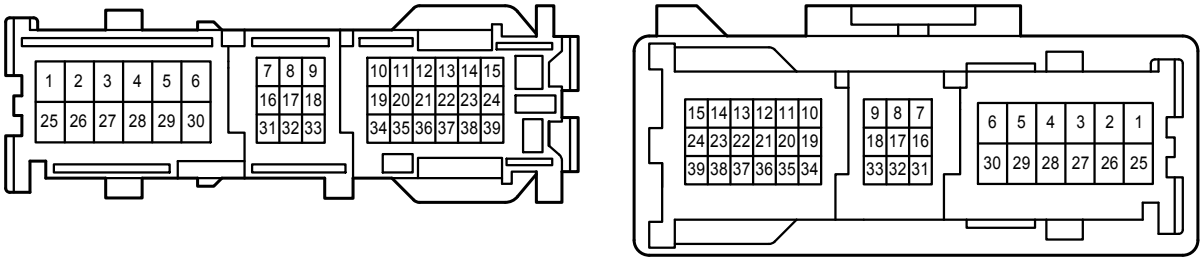
EH1
Gray

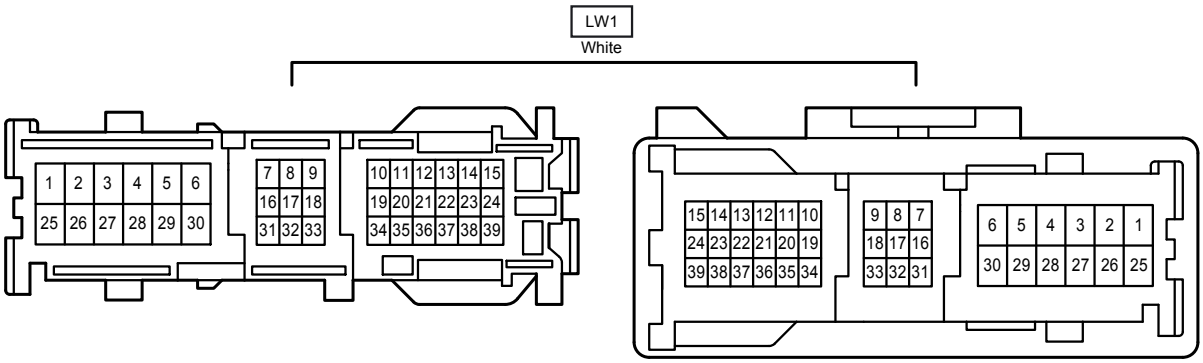


LA2
White



LA3
White




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