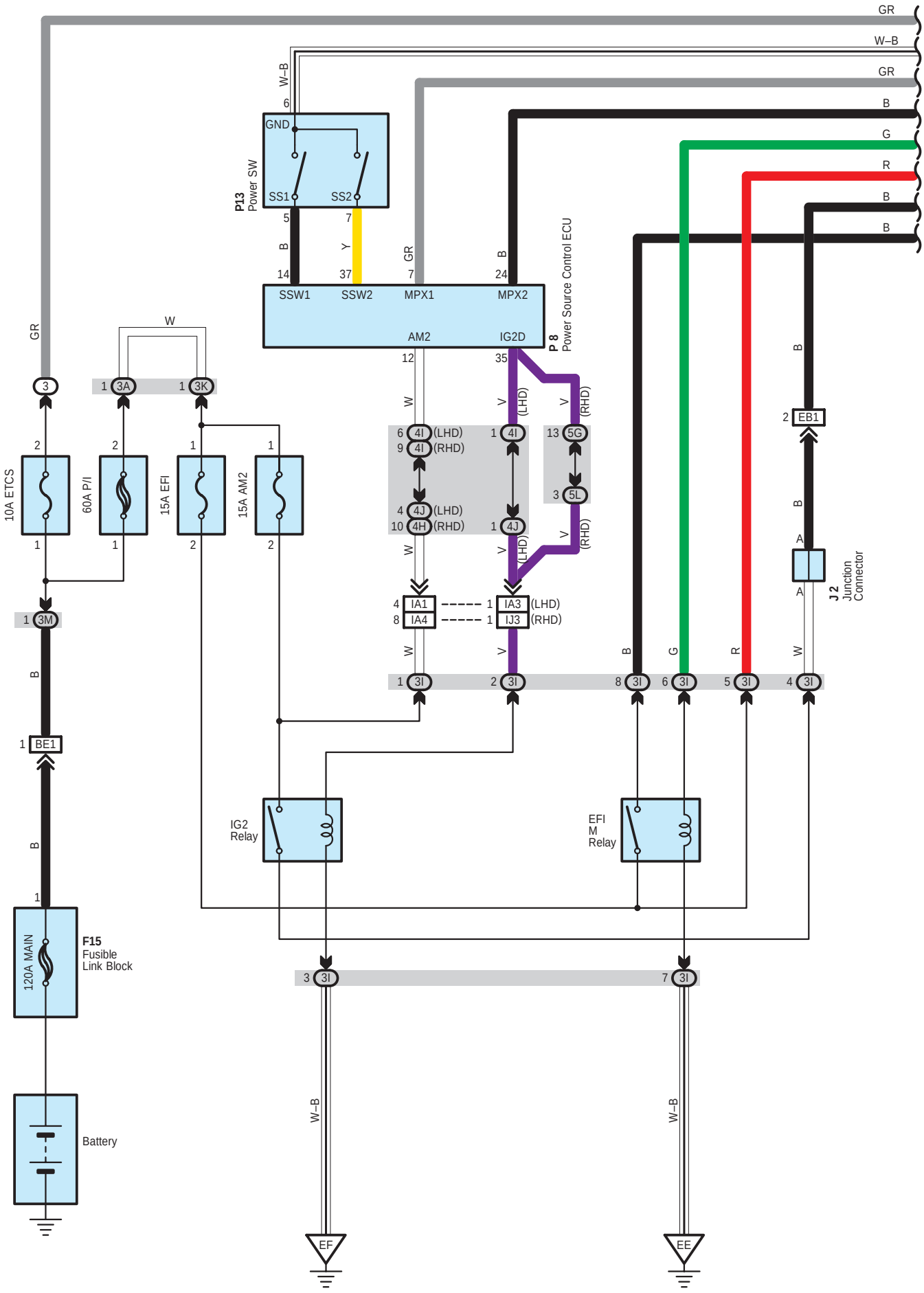
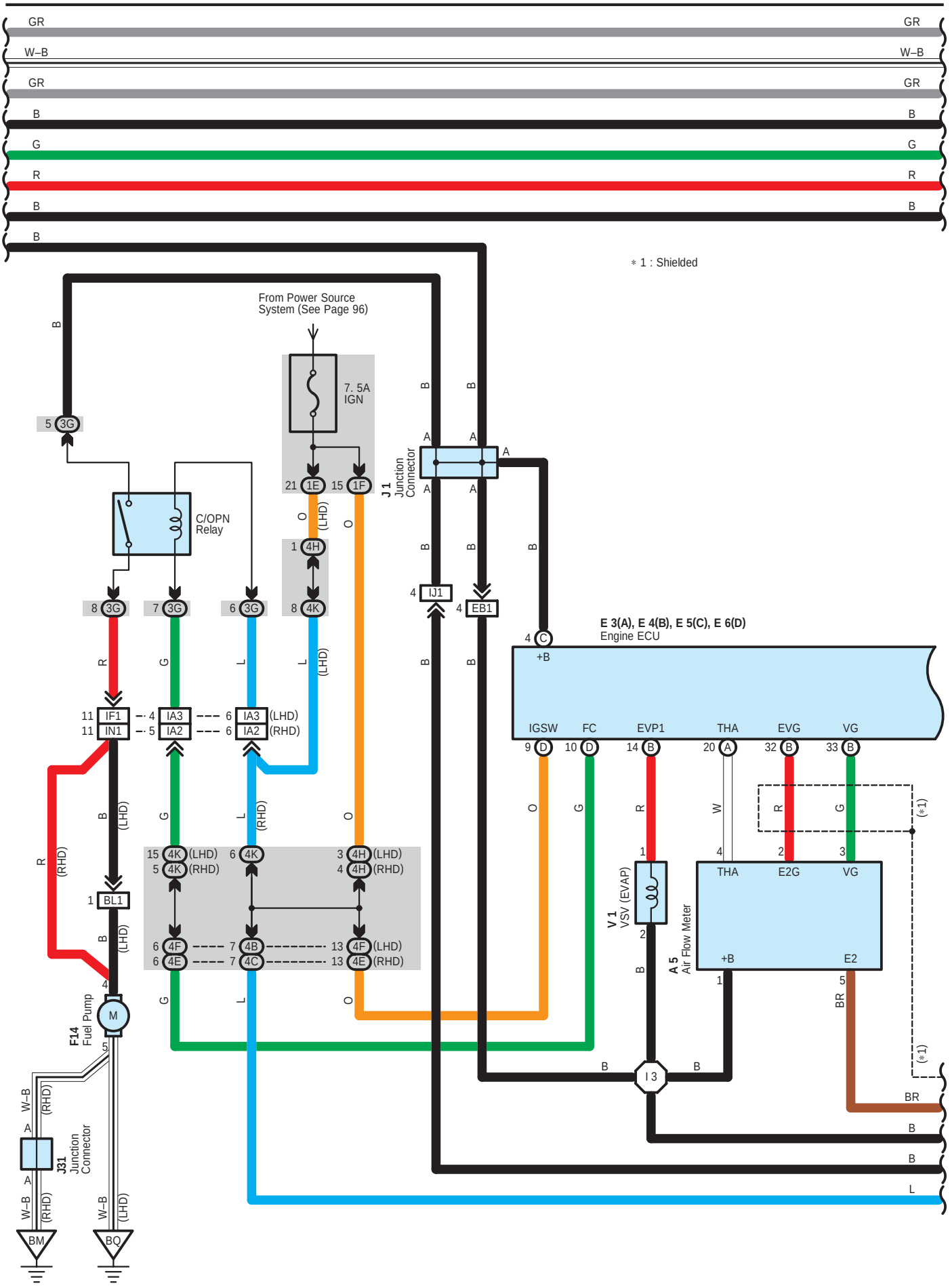
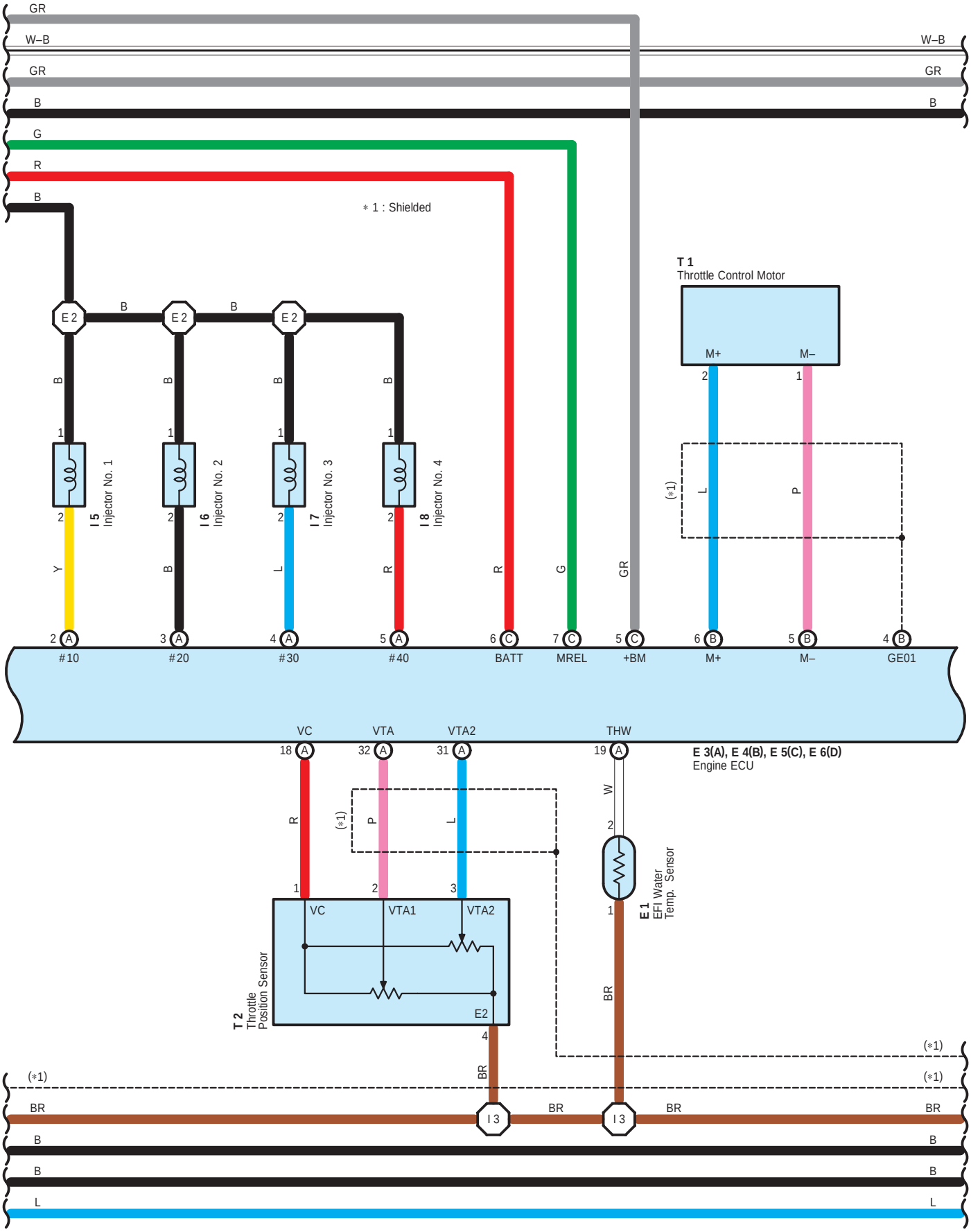
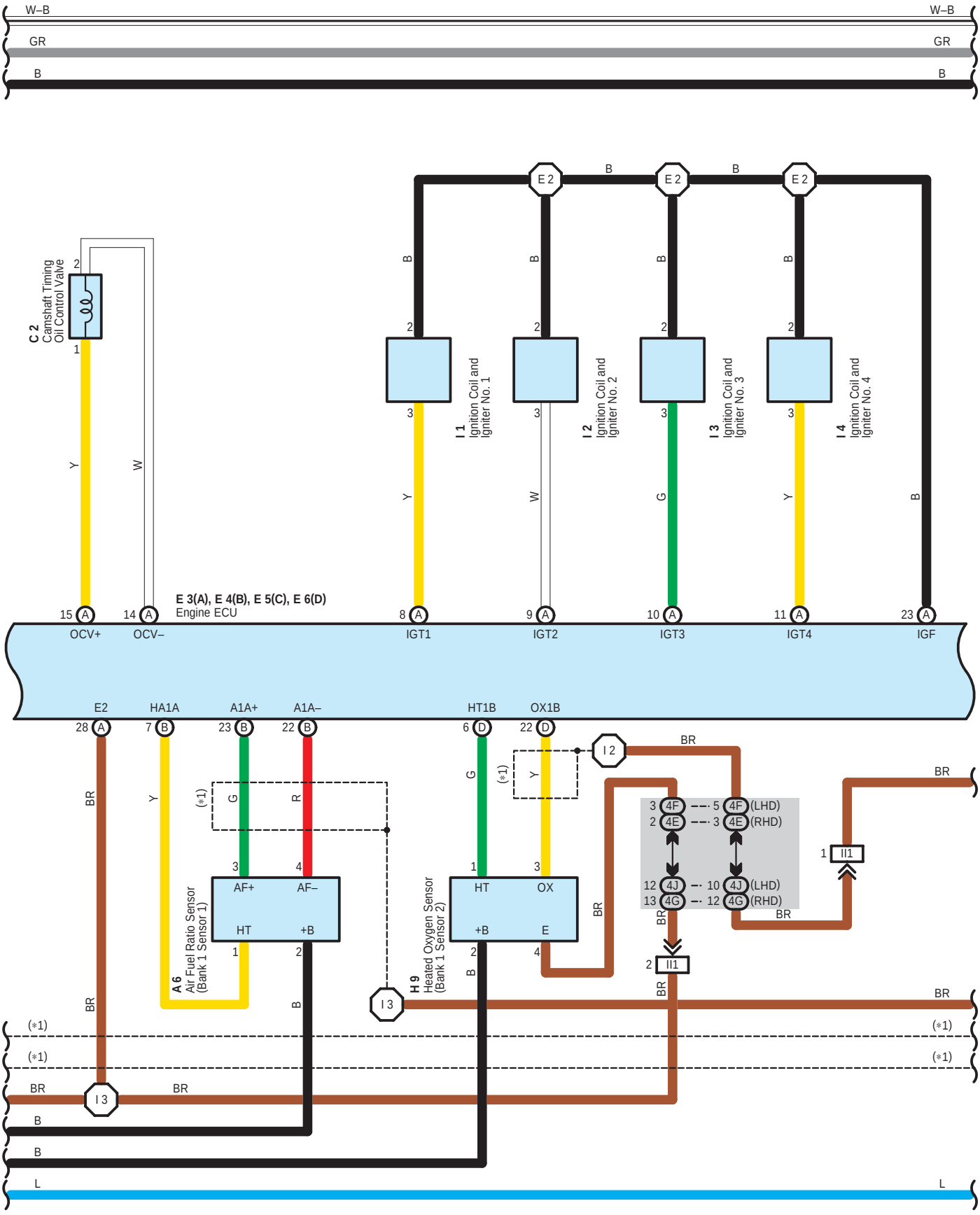
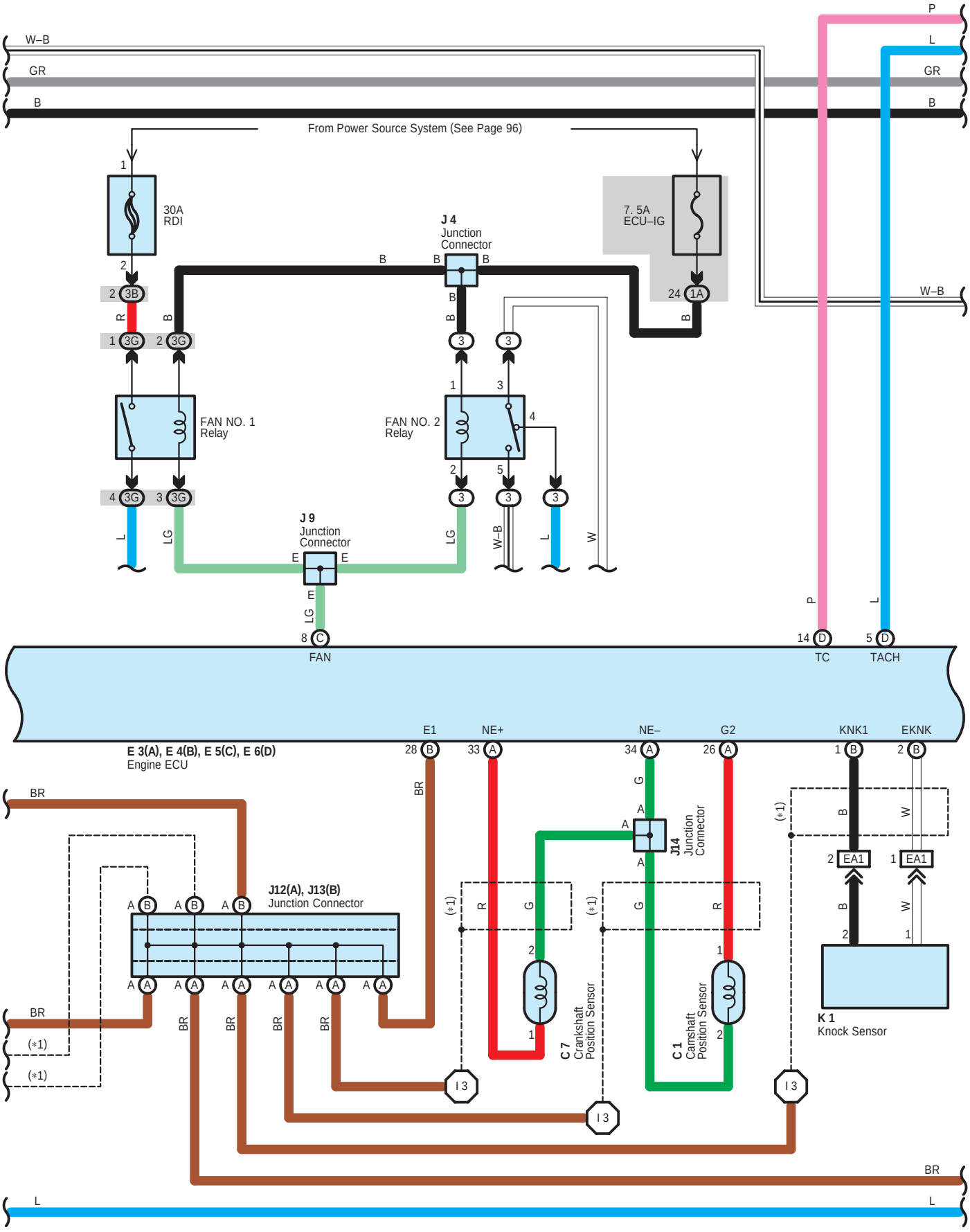
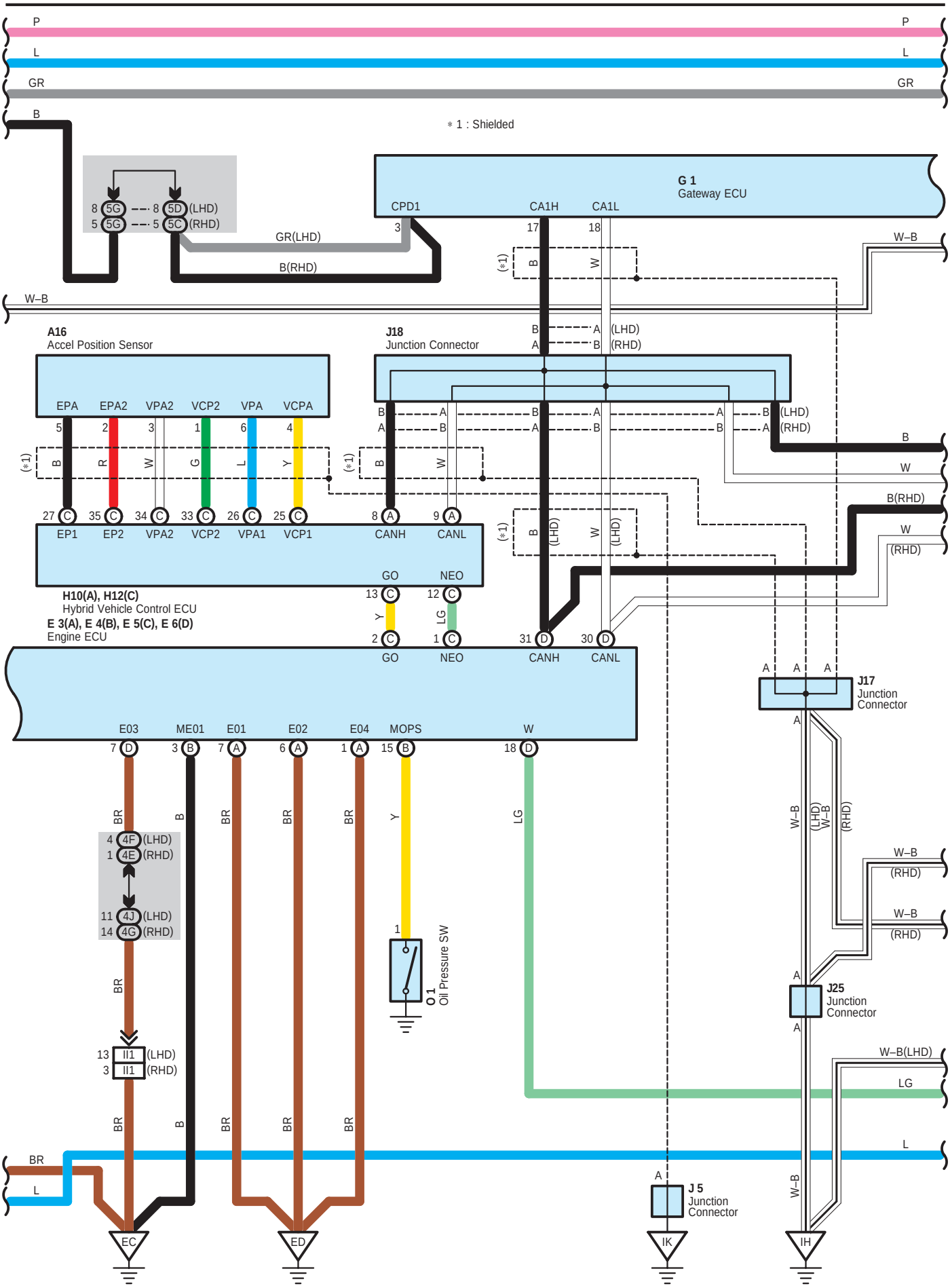

GR
W–B
GR
B
G
R
B
B
W–B
6
GND
SS1
SS2
P13
Power SW
5
7
B
Y
14
37
SSW1
SSW2
GR
7
MPX1
B
24
MPX2
P 8
Power Source Control ECU
AM2
IG2D
12
35
W
V
(LHD)
V
(RHD)
6 4I (LHD)
9 4I (RHD)
1 4I
13 5G
3 5L
4 4J (LHD)
10 4H (RHD)
1 4J
V
(LHD)
V
(RHD)
W
V
4 IA1
8 IA4
1 IA3 (LHD)
1 IJ3 (RHD)
W
V
1 3I
2 3I
8 3I
6 3I
5 3I
4 3I
B
G
R
W
B
2 EB1
B
A
A
J 2
Junction Connector
GR
W
3
1 3A
1 3K
2
2
1
1
10A ETCS
60A P/I
15A EFI
15A AM2
1
1
2
2
1 3M
B
1 BE1
B
1
120A MAIN
F15
Fusible
Link Block
Battery
IG2
Relay
EFI
M
Relay
3 3I
7 3I
W–B
W–B
EF
EE

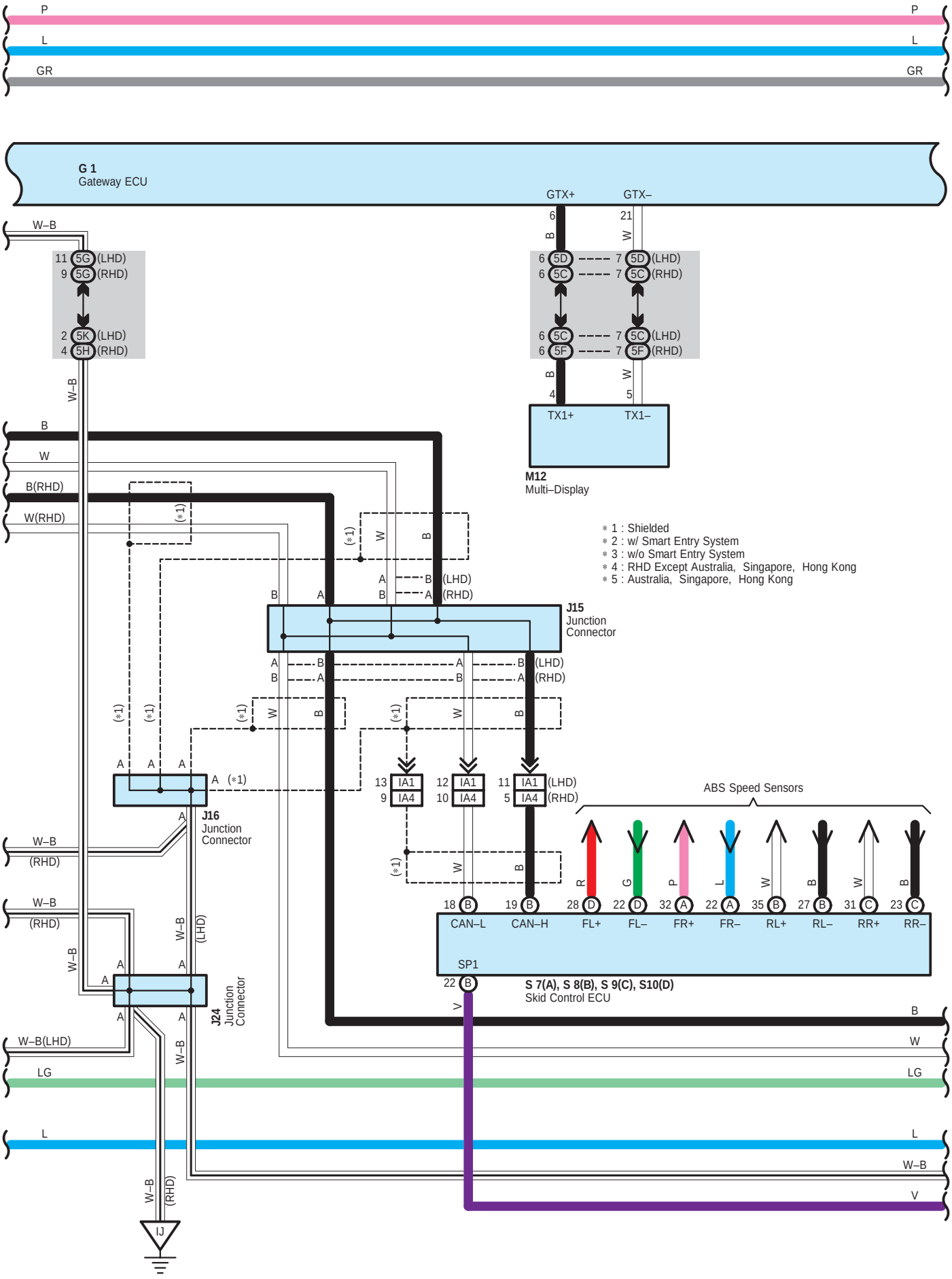

GR
W–B
GR
B
G
R
B
B
* 1 : Shielded
From Power Source System (See Page 96)
7. 5A IGN
C/OPN Relay
J1 Junction Connector
E 3(A), E 4(B), E 5(C), E 6(D) Engine ECU
+B
IGSW
FC
EVP1
THA
EVG
VG
F14 Fuel Pump
V1 VSV (EVAP)
A5 Air Flow Meter
E2G
E2
J31 Junction Connector
BM
BQ
I3
IJ1
EB1
IF1
IN1
IA3
IA2
BL1
(LHD)
(RHD)

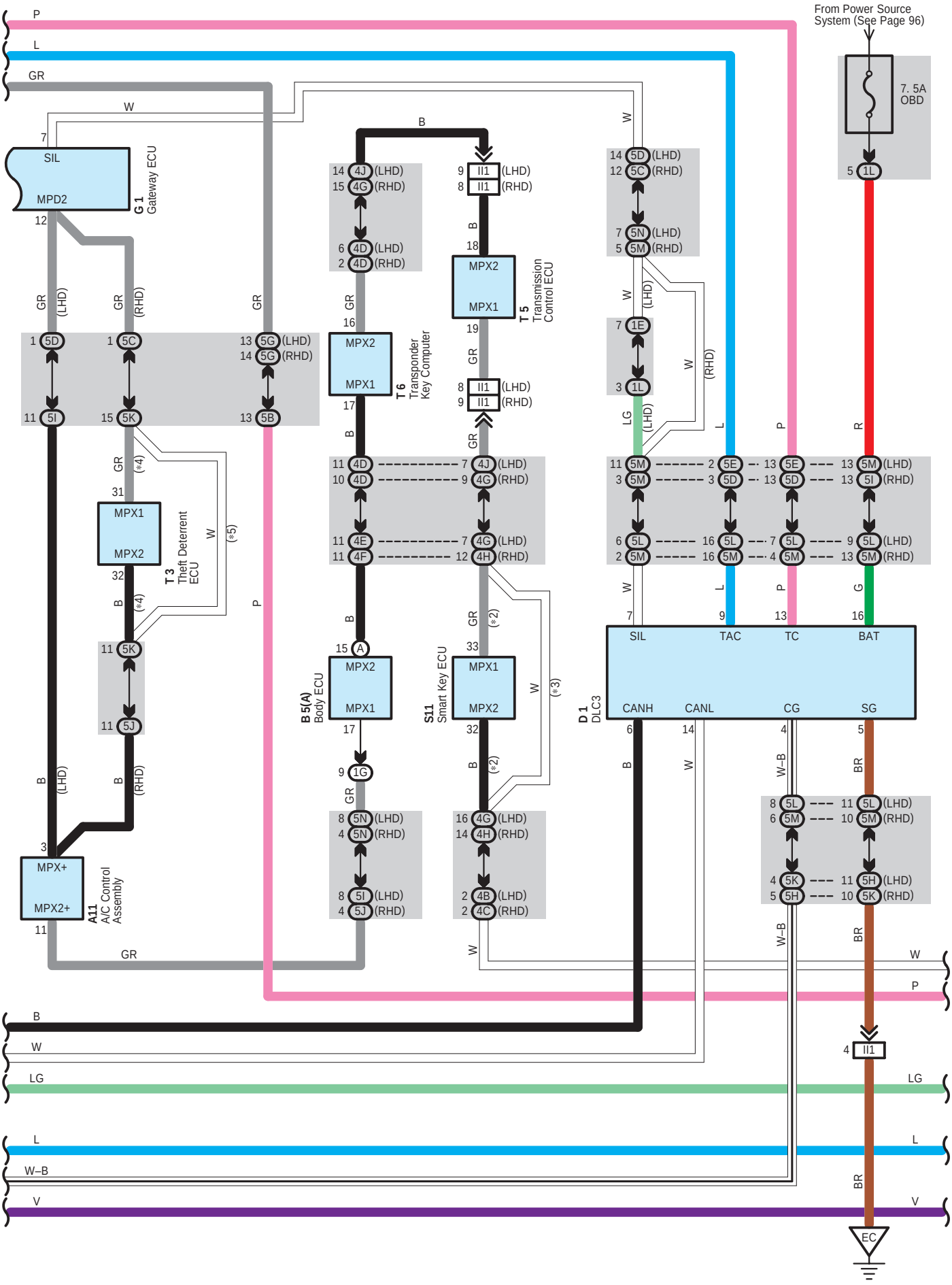

GR
W–B
GR
B
G
R
B
∗1 : Shielded
E 2
B
E 2
B
E 2
B
B
B
B
1
1
1
1
I 5
Injector No. 1
I 6
Injector No. 2
I 7
Injector No. 3
I 8
Injector No. 4
2
2
2
2
Y
B
L
R
R
G
GR
T 1
Throttle Control Motor
M+
M–
2
1
(∗1)
L
P
2 A
#10
3 A
#20
4 A
#30
5 A
#40
6 C
BATT
7 C
MREL
5 C
+BM
6 B
M+
5 B
M–
4 B
GE01
VC
VTA
VTA2
THW
18 A
32 A
31 A
19 A
E 3(A), E 4(B), E 5(C), E 6(D)
Engine ECU
R
(∗1)
P
L
W
2
1
2
3
1
E 1
EFI Water
Temp. Sensor
VC
VTA1
VTA2
T 2
Throttle
Position Sensor
E2
4
BR
BR
(∗1)
(∗1)
(∗1)
BR
I 3
BR
I 3
BR
BR
B
B
B
B
L
L

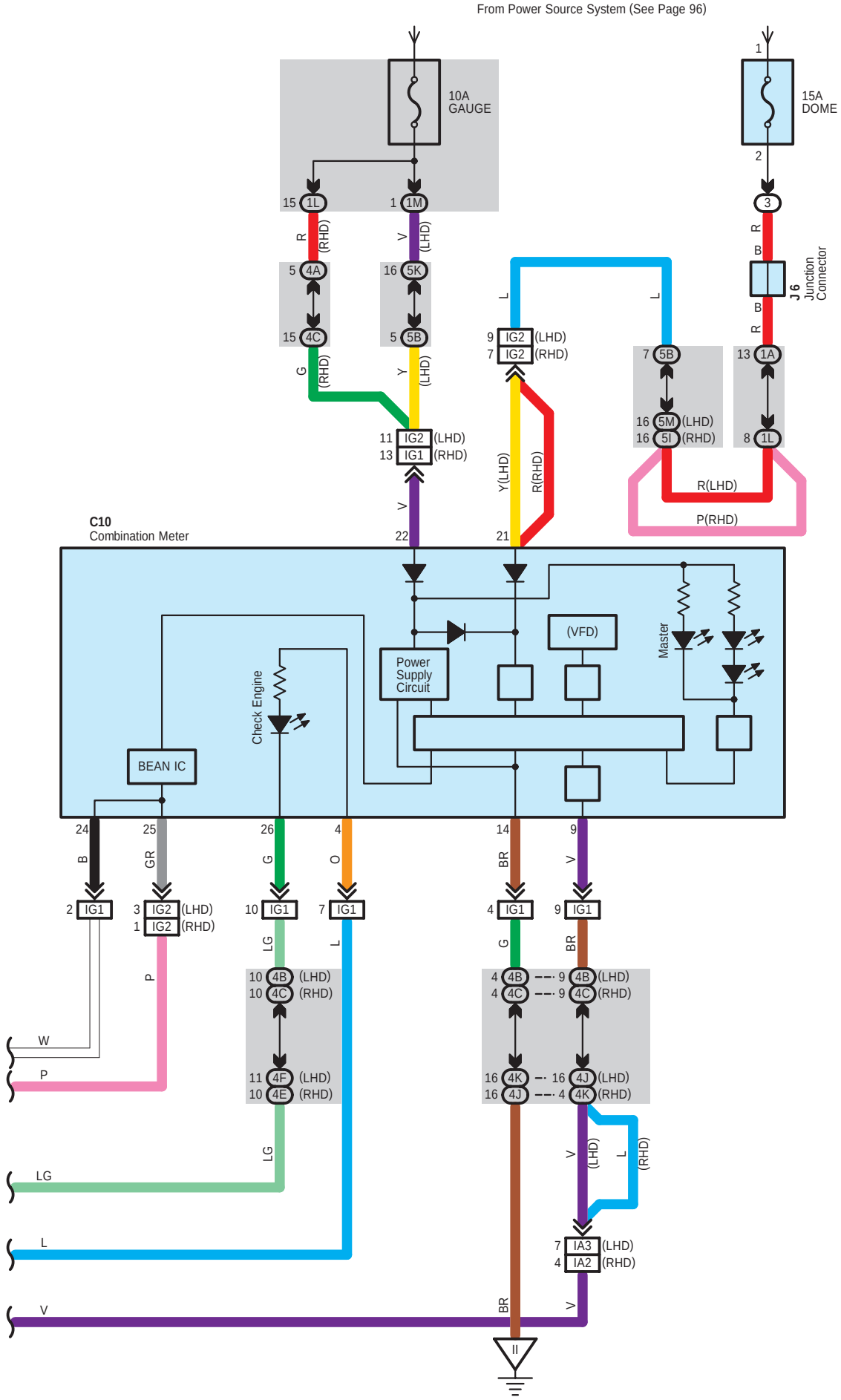

W–B
GR
B
C 2
Camshaft Timing Oil Control Valve
I 1
Ignition Coil and Igniter No. 1
I 2
Ignition Coil and Igniter No. 2
I 3
Ignition Coil and Igniter No. 3
I 4
Ignition Coil and Igniter No. 4
E 3(A), E 4(B), E 5(C), E 6(D)
Engine ECU
OCV+
OCV–
IGT1
IGT2
IGT3
IGT4
IGF
E2
HA1A
A1A+
A1A–
HT1B
OX1B
A 6
Air Fuel Ratio Sensor (Bank 1 Sensor 1)
AF+
AF–
HT
+B
H 9
Heated Oxygen Sensor (Bank 1 Sensor 2)
OX
E
(LHD)
(RHD)
(*1)


W–B
GR
B
From Power Source System (See Page 96)
P
L
GR
B
W–B
30A
RDI
7. 5A
ECU–IG
J 4
Junction
Connector
FAN NO. 1
Relay
FAN NO. 2
Relay
J 9
Junction
Connector
FAN
TC
TACH
E 3(A), E 4(B), E 5(C), E 6(D)
Engine ECU
E1
NE+
NE–
G2
KNK1
EKNK
J12(A), J13(B)
Junction Connector
J14
Junction
Connector
C 7
Crankshaft
Position Sensor
C 1
Camshaft
Position Sensor
K 1
Knock Sensor
EA1
BR
L
W
G
LG
(*1)


P
L
GR
B
＊1 : Shielded
8 5G
5 5G
8 5D (LHD)
5 5C (RHD)
GR(LHD)
B(RHD)
G 1
Gateway ECU
CPD1
CA1H
CA1L
3
17
18
W–B
(＊1)
A16
Accel Position Sensor
J18
Junction Connector
EPA
EPA2
VPA2
VCP2
VPA
VCPA
5
2
3
1
6
4
27 C
35 C
34 C
33 C
26 C
25 C
EP1
EP2
VPA2
VCP2
VPA1
VCP1
8 A
9 A
CANH
CANL
(LHD)
(RHD)
B
W
B(RHD)
W
(RHD)
H10(A), H12(C)
Hybrid Vehicle Control ECU
E 3(A), E 4(B), E 5(C), E 6(D)
Engine ECU
GO
NEO
13 C
12 C
2 C
1 C
31 D
30 D
J17
Junction
Connector
E03
ME01
E01
E02
E04
MOPS
W
7 D
3 B
7 A
6 A
1 A
15 B
18 D
BR
B
LG
Y
4 4F (LHD)
1 4E (RHD)
11 4J (LHD)
14 4G (RHD)
13 II1 (LHD)
3 II1 (RHD)
O 1
Oil Pressure SW
W–B
(LHD)
(RHD)
W–B(LHD)
LG
L
J25
Junction
Connector
J 5
Junction
Connector
EC
ED
IK
IH


P
L
GR
G 1
Gateway ECU
GTX+
GTX–
W–B
11 5G (LHD)
9 5G (RHD)
2 5K (LHD)
4 5H (RHD)
6 5D 7 5D (LHD)
6 5C 7 5C (RHD)
6 5C 7 5C (LHD)
6 5F 7 5F (RHD)
TX1+
TX1–
M12
Multi–Display
B
W
B(RHD)
W(RHD)
(*1)
A B (LHD)
B A (RHD)
J15
Junction
Connector
J16
Junction
Connector
J24
Junction
Connector
(RHD)
(LHD)
W–B(LHD)
LG
V
IJ
13 IA1
9 IA4
12 IA1
10 IA4
11 IA1 (LHD)
5 IA4 (RHD)
ABS Speed Sensors
18 B CAN–L
19 B CAN–H
28 D FL+
22 D FL–
32 A FR+
22 A FR–
35 B RL+
27 B RL–
31 C RR+
23 C RR–
SP1
22 B
S 7(A), S 8(B), S 9(C), S10(D)
Skid Control ECU
* 1 : Shielded
* 2 : w/ Smart Entry System
* 3 : w/o Smart Entry System
* 4 : RHD Except Australia, Singapore, Hong Kong
* 5 : Australia, Singapore, Hong Kong


From Power Source System (See Page 96)
7. 5A OBD
G 1 Gateway ECU
T 3 Theft Deterrent ECU
T 6 Transponder Key Computer
T 5 Transmission Control ECU
B 5(A) Body ECU
S11 Smart Key ECU
D 1 DLC3
A11 A/C Control Assembly
SIL
MPD2
MPX1
MPX2
MPX+
TAC
TC
BAT
CANH
CANL
CG
SG
EC
(LHD)
(RHD)


From Power Source System (See Page 96)
10A GAUGE
15A DOME
J6 Junction Connector
C10
Combination Meter
BEAN IC
Check Engine
Power Supply Circuit
(VFD)
Master
IG1
IG2
IA3
IA2
(LHD)
(RHD)
R(LHD)
P(RHD)
Y(LHD)
R(RHD)