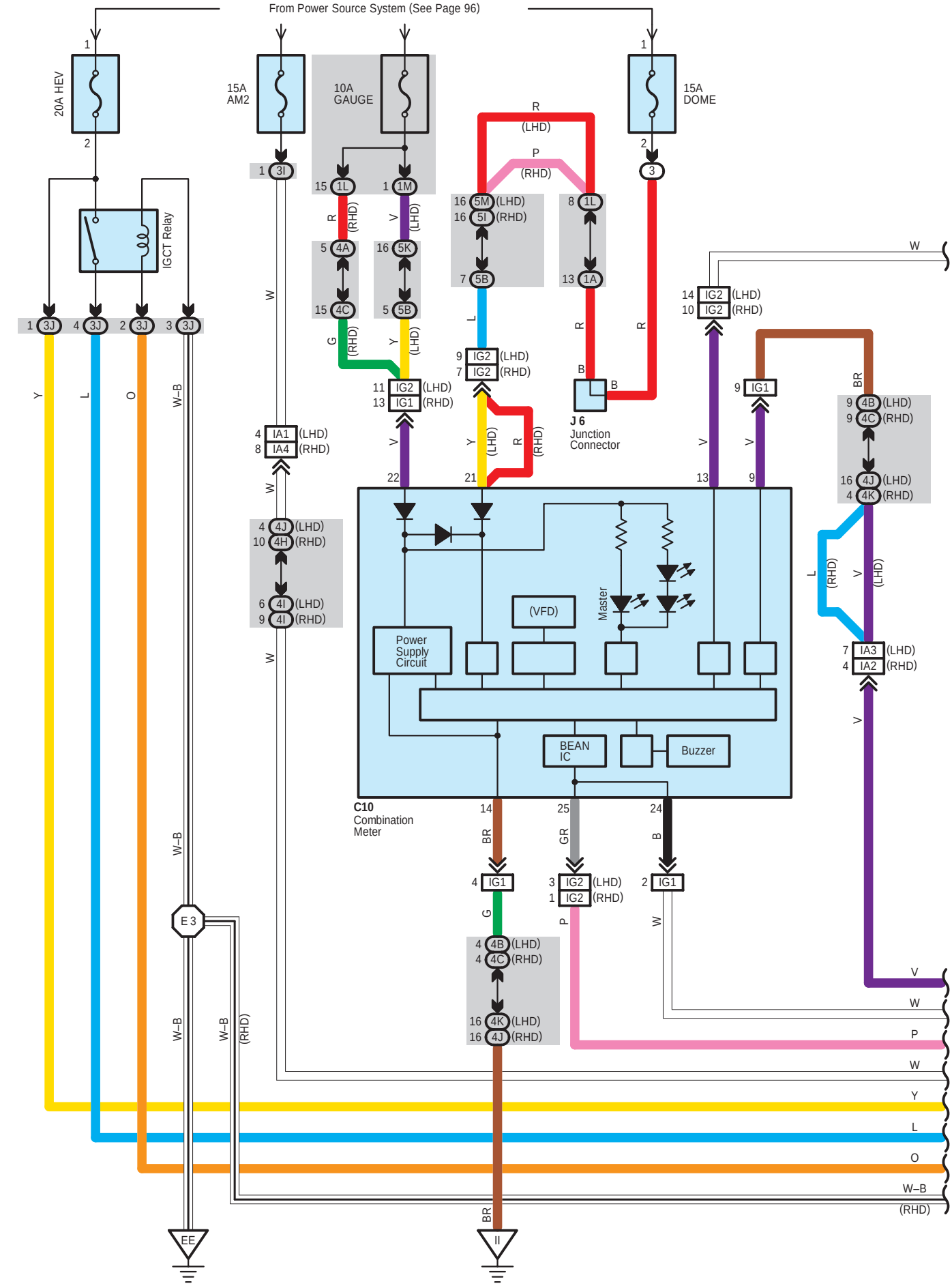
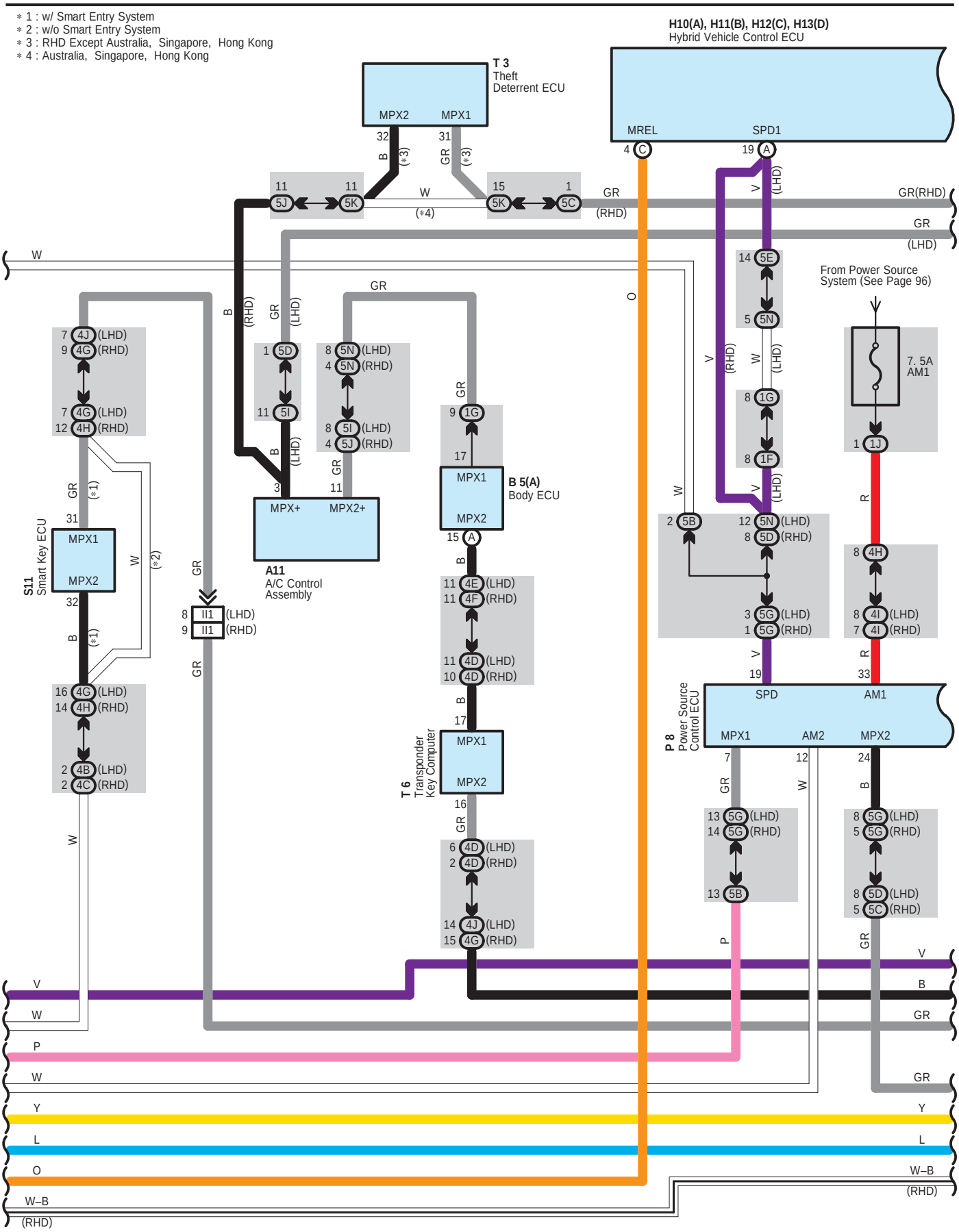
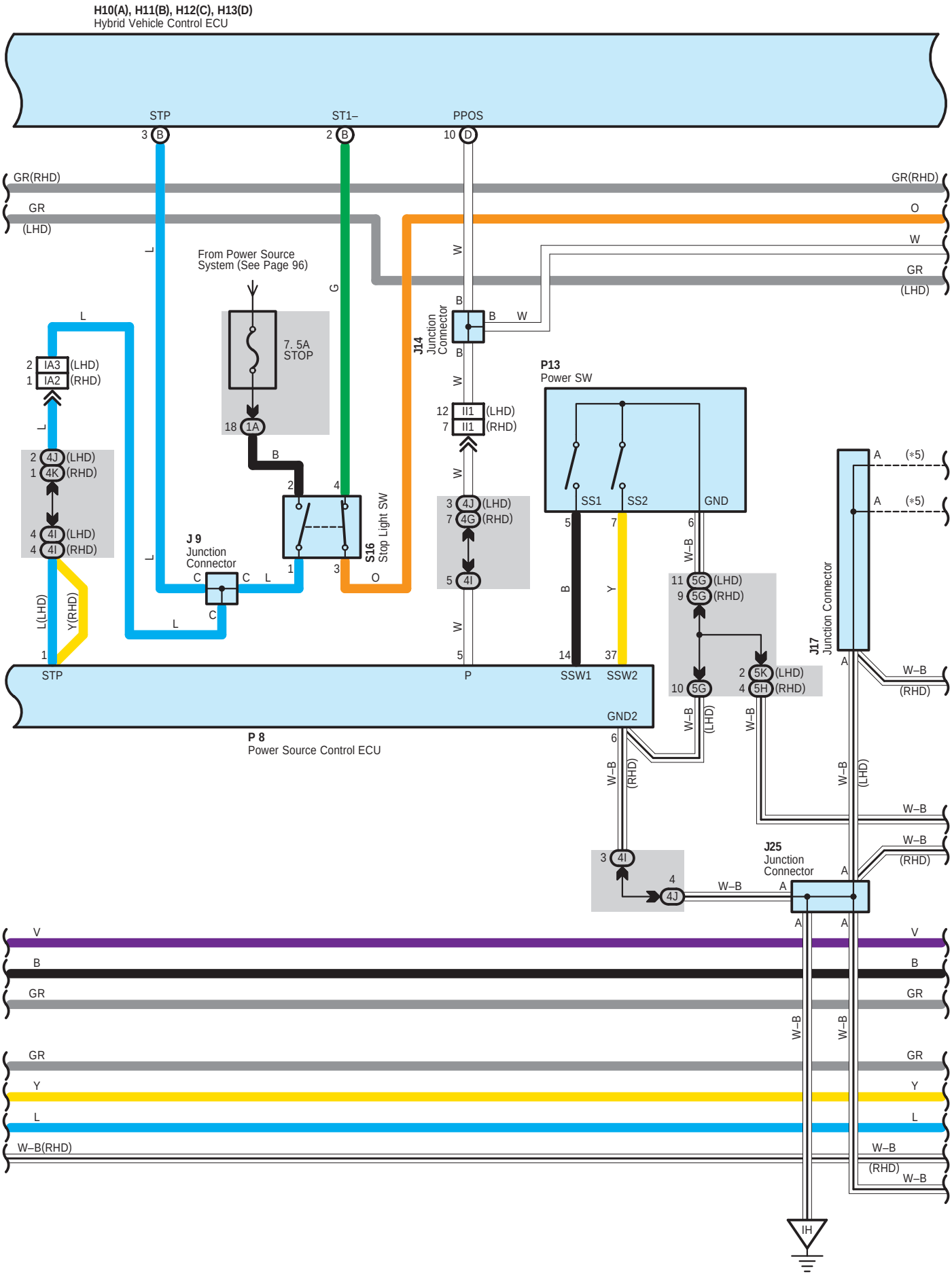
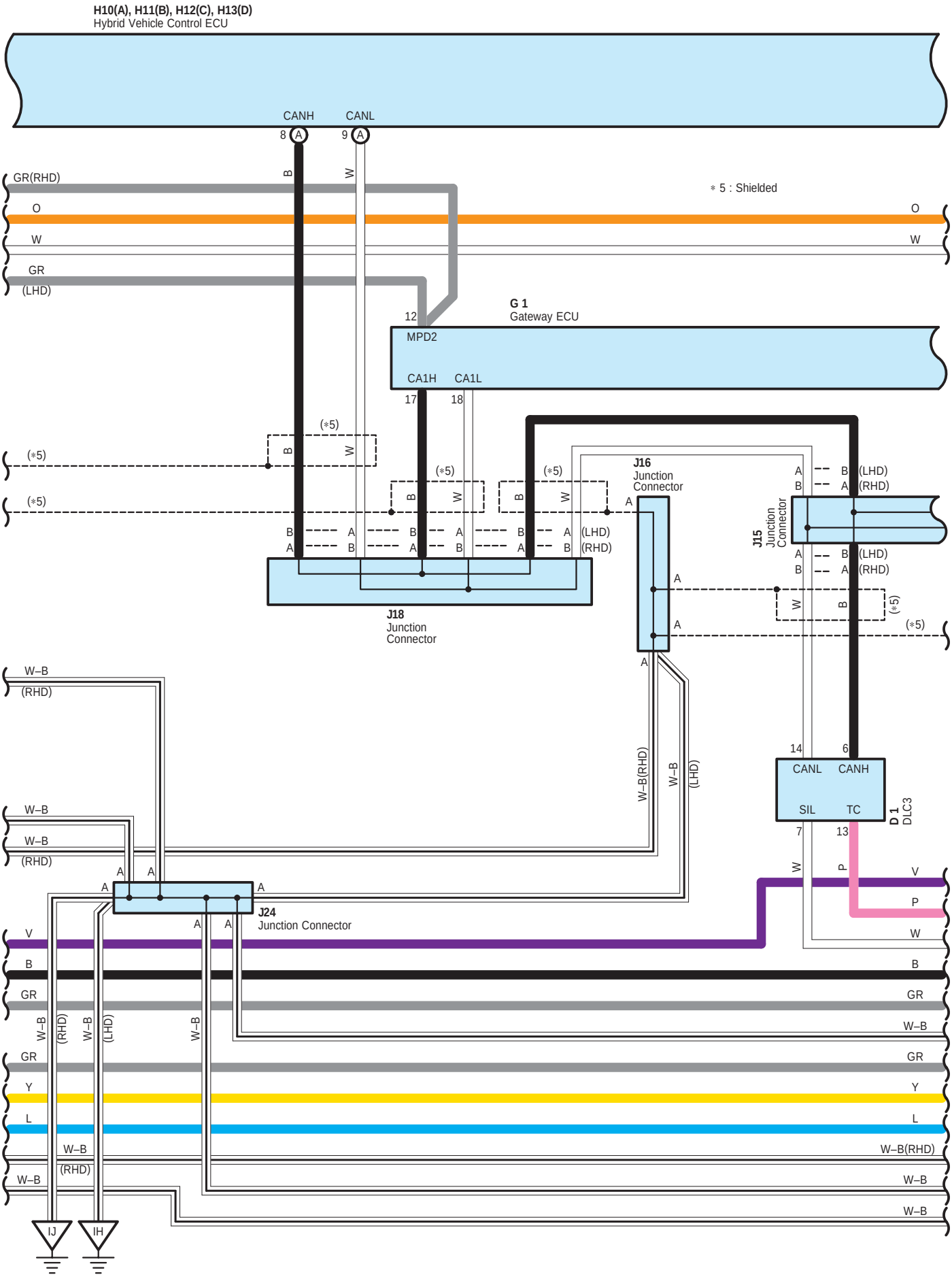

From Power Source System (See Page 96)
20A HEV
IGCT Relay
15A AM2
10A GAUGE
15A DOME
J 6 Junction Connector
C10 Combination Meter
Power Supply Circuit
(VFD)
Master
BEAN IC
Buzzer
E 3
EE
II
(LHD)
(RHD)

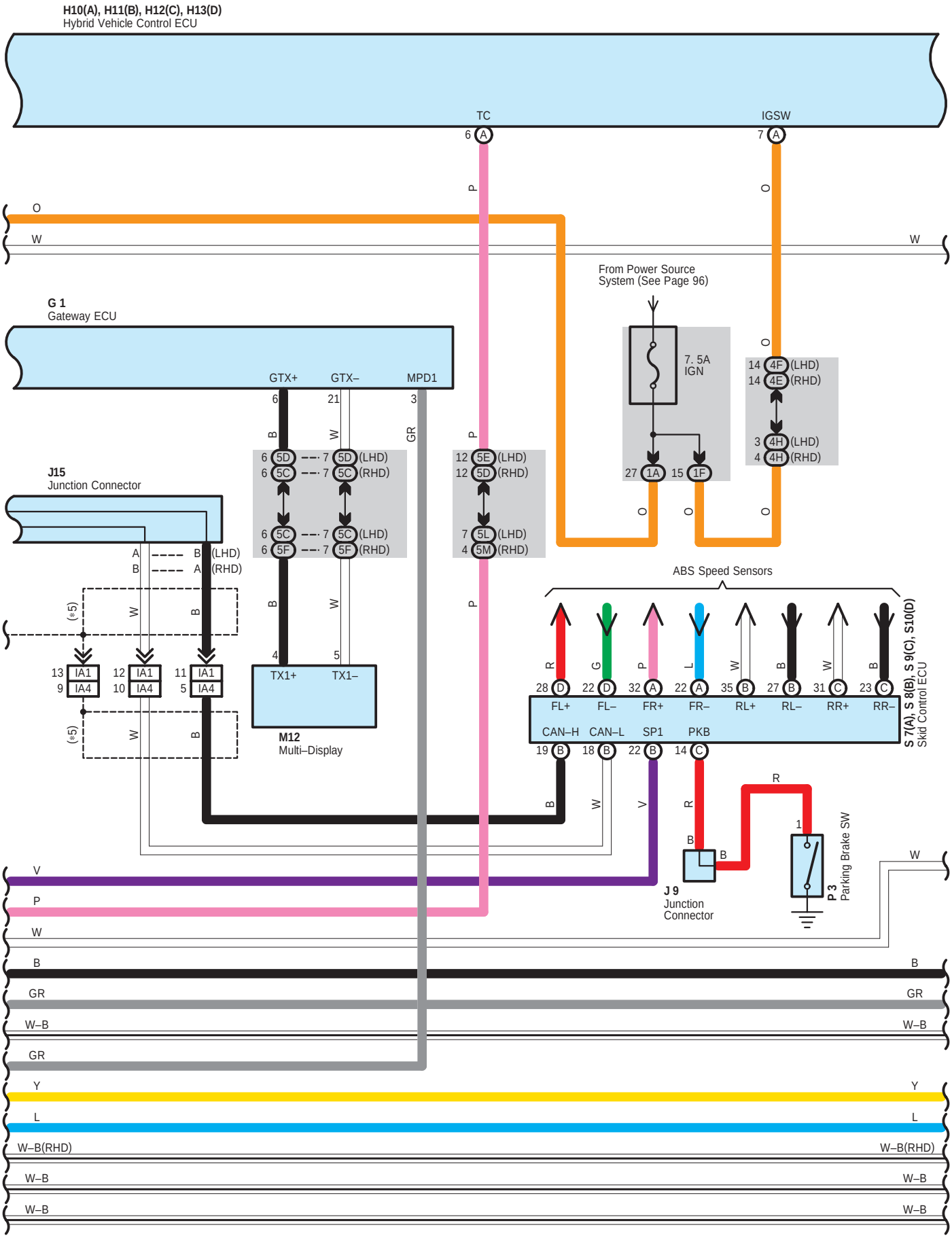

∗ 1 : w/ Smart Entry System
∗ 2 : w/o Smart Entry System
∗ 3 : RHD Except Australia, Singapore, Hong Kong
∗ 4 : Australia, Singapore, Hong Kong
H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
MREL
SPD1
T 3
Theft
Deterrent ECU
MPX2
MPX1
From Power Source System (See Page 96)
7. 5A
AM1
S11
Smart Key ECU
A11
A/C Control
Assembly
MPX+
MPX2+
B 5(A)
Body ECU
T 6
Transponder
Key Computer
P 8
Power Source
Control ECU
SPD
AM1
AM2
(LHD)
(RHD)
GR(RHD)
GR
(LHD)
W
B
V
R
O
P
Y
L
W–B
(RHD)

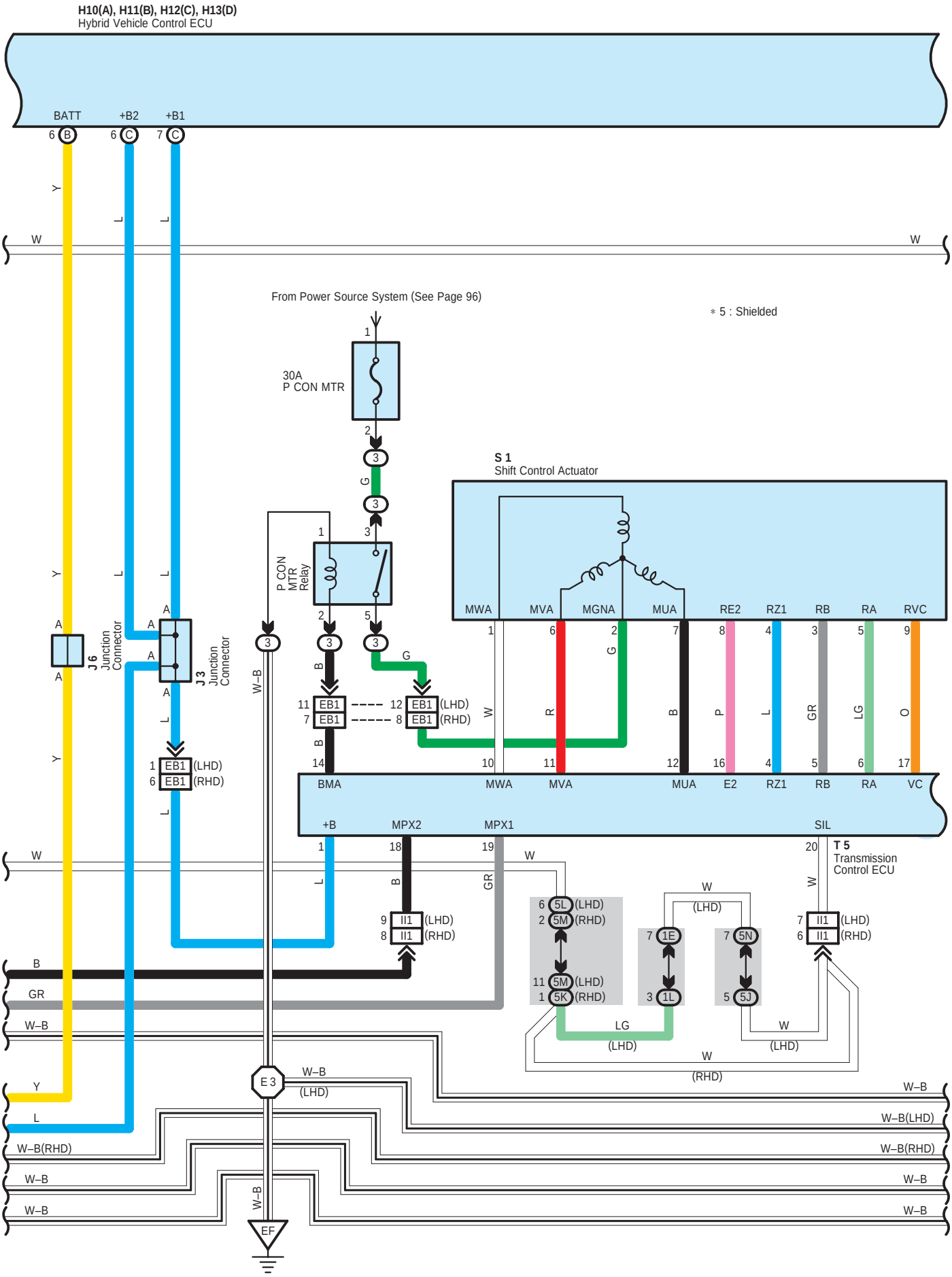
Shift Control System

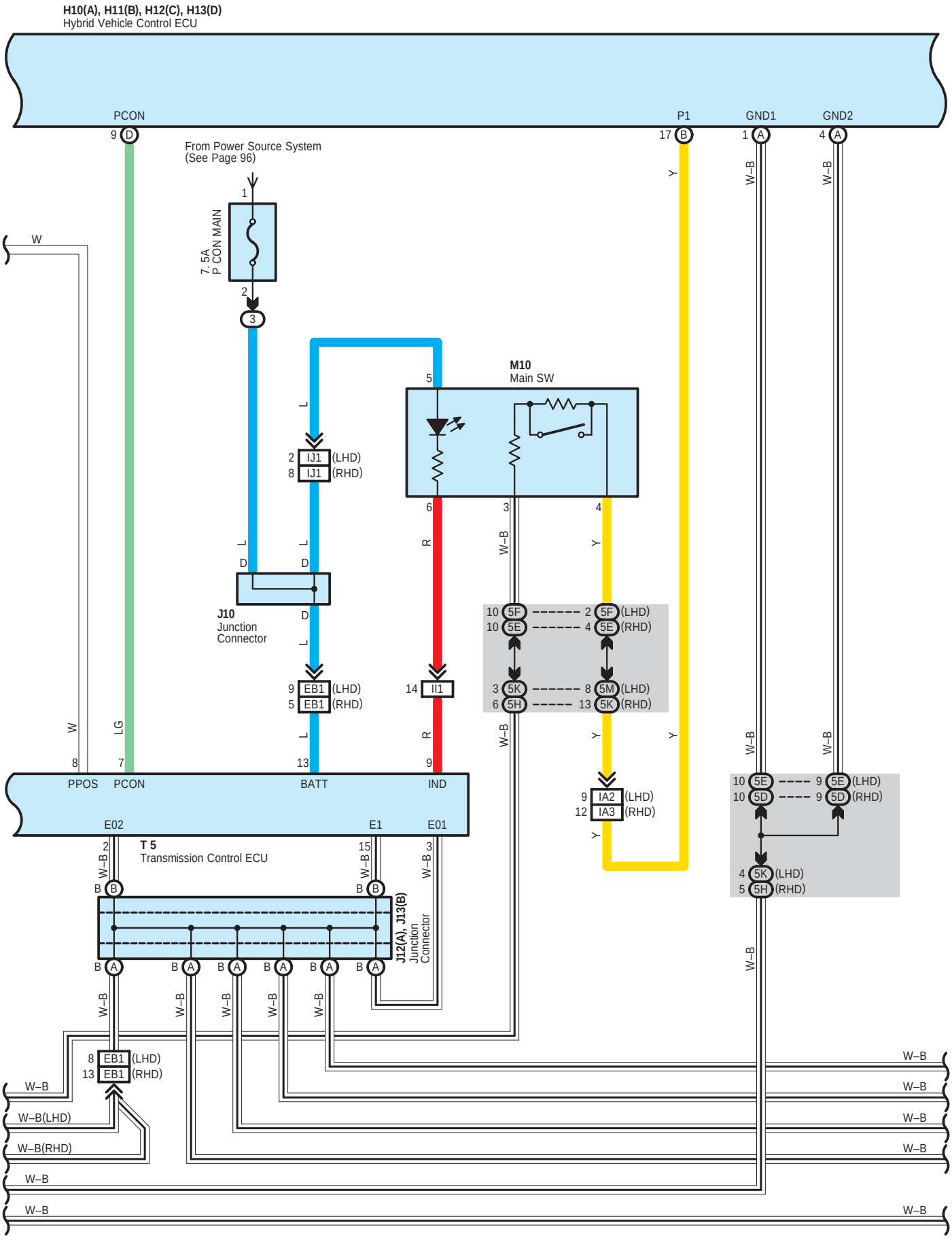


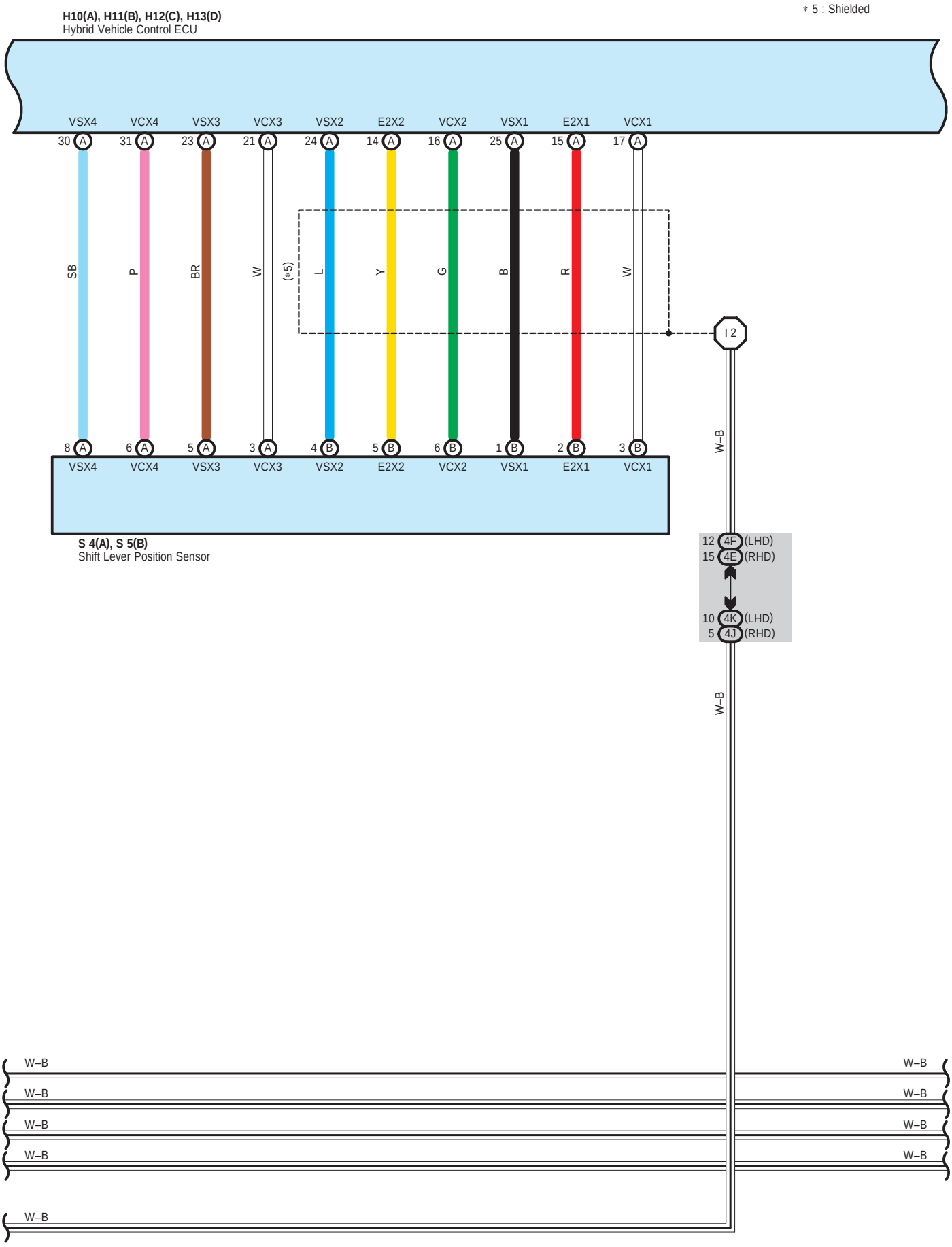

H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
CANH
CANL
8
9
GR(RHD)
O
W
GR
(LHD)
＊5 : Shielded
G 1
Gateway ECU
12
MPD2
CA1H
CA1L
17
18
(＊5)
J16
Junction
Connector
J15
Junction
Connector
J18
Junction
Connector
J24
Junction Connector
W–B
(RHD)
W–B(RHD)
W–B
(LHD)
14
6
CANL
CANH
SIL
TC
7
13
D 1
DLC3
V
P
B
GR
Y
L
IJ
IH

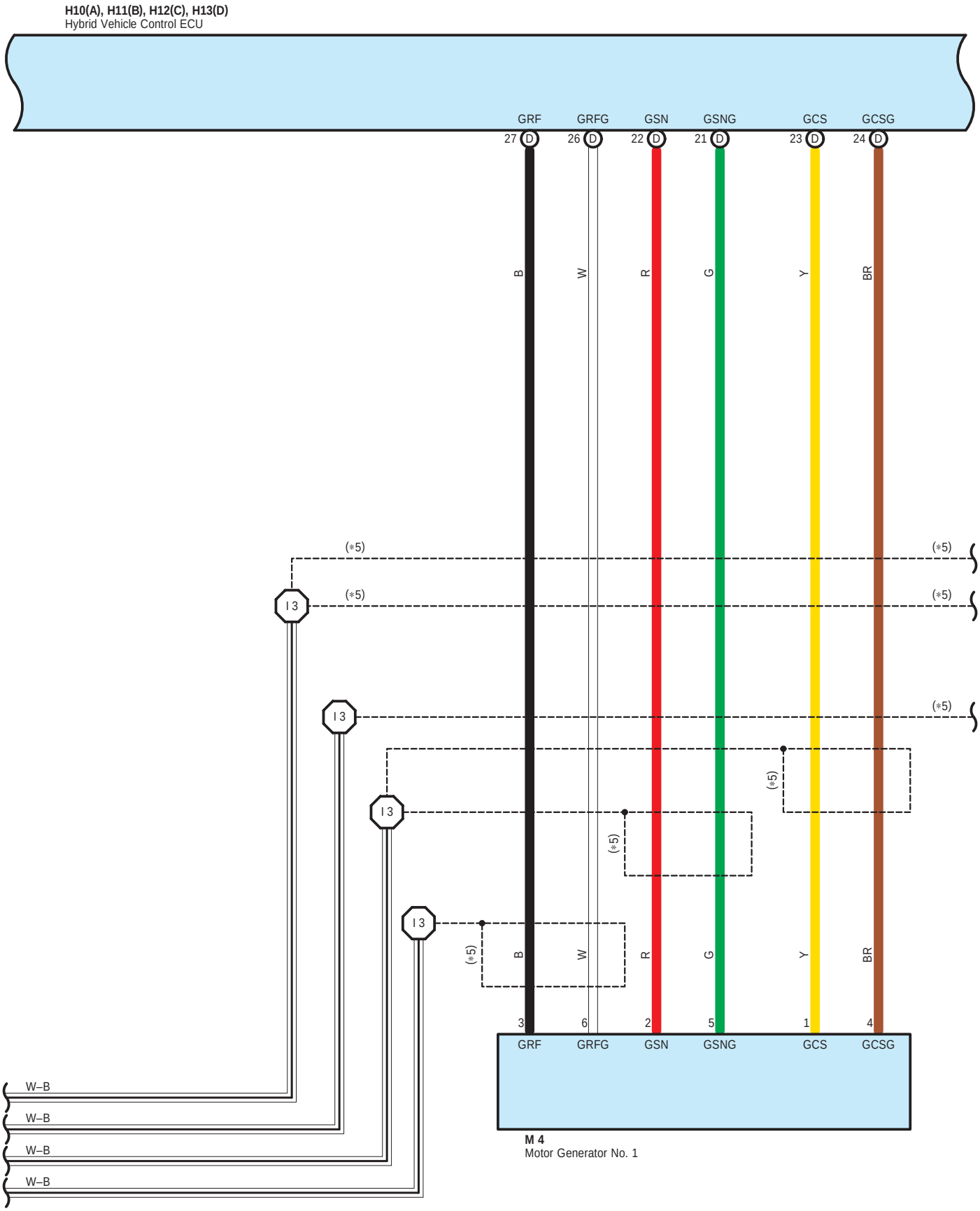
Shift Control System



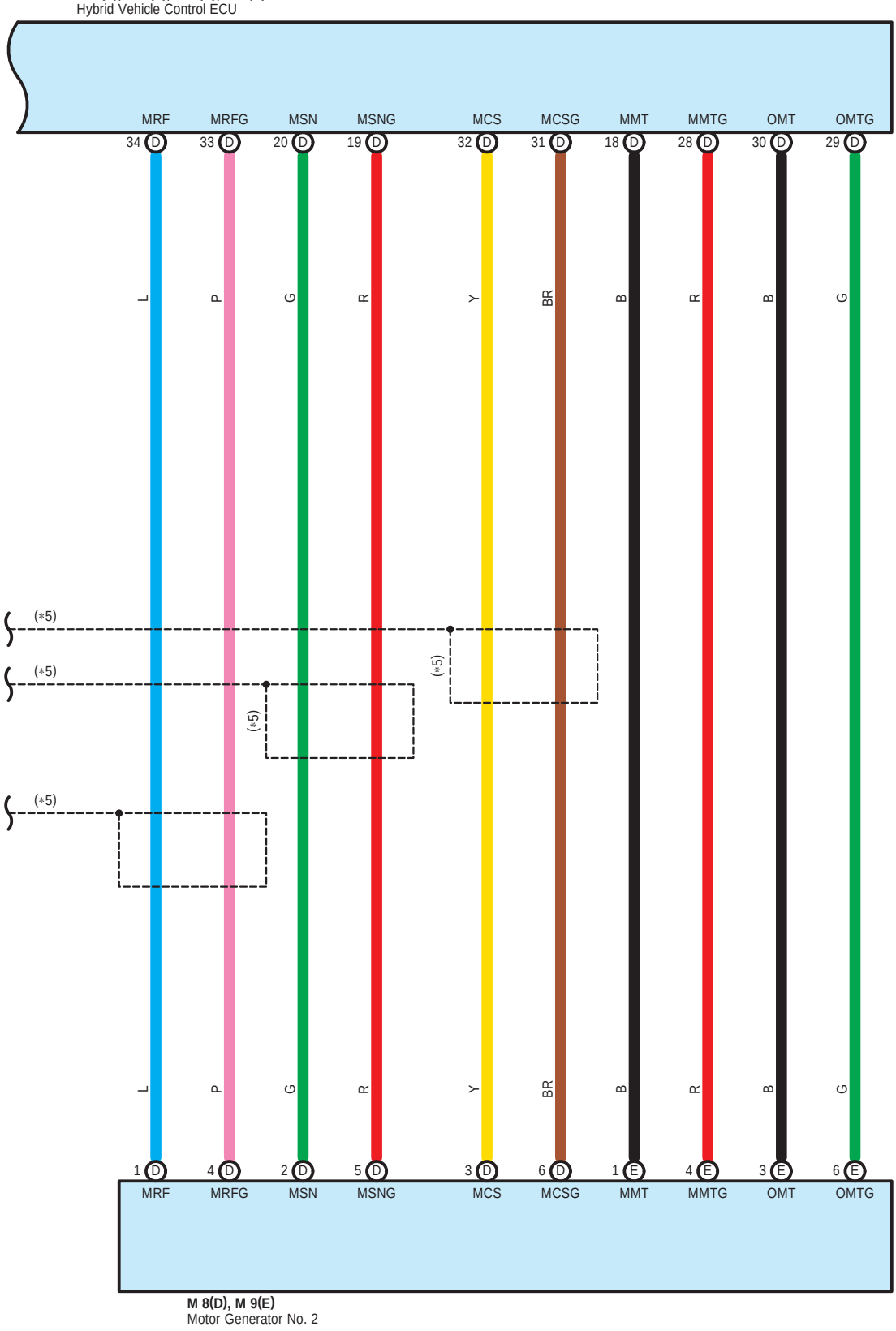

H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
BATT
+B2
+B1
From Power Source System (See Page 96)
* 5 : Shielded
30A
P CON MTR
S 1
Shift Control Actuator
P CON MTR Relay
J6 Junction Connector
J3 Junction Connector
MWA
MVA
MGNA
MUA
RE2
RZ1
RB
RA
RVC
BMA
E2
VC
+B
MPX2
MPX1
SIL
T 5
Transmission Control ECU
(LHD)
(RHD)
E3
EF
W–B
W–B(LHD)
W–B(RHD)


H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
PCON
P1
GND1
GND2
From Power Source System
(See Page 96)
7.5A
P CON MAIN
M10
Main SW
J10
Junction
Connector
T 5
Transmission Control ECU
J12(A), J13(B)
Junction
Connector
PPOS
PCON
BATT
IND
E02
E1
E01
(LHD)
(RHD)
W–B
W–B(LHD)
W–B(RHD)


H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
* 5 : Shielded
VSX4 VCX4 VSX3 VCX3 VSX2 E2X2 VCX2 VSX1 E2X1 VCX1
30 31 23 21 24 14 16 25 15 17
SB P BR W (*5) L Y G B R W
I 2
W–B
8 6 5 3 4 5 6 1 2 3
VSX4 VCX4 VSX3 VCX3 VSX2 E2X2 VCX2 VSX1 E2X1 VCX1
S 4(A), S 5(B)
Shift Lever Position Sensor
12 4F (LHD)
15 4E (RHD)
10 4K (LHD)
5 4J (RHD)
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B
W–B


H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
GRF
GRFG
GSN
GSNG
GCS
GCSG
27 D
26 D
22 D
21 D
23 D
24 D
B
W
R
G
Y
BR
(*5)
I 3
W–B
3
6
2
5
1
4
M 4
Motor Generator No. 1

＊5 : Shielded


H10(A), H11(B), H12(C), H13(D)
Hybrid Vehicle Control ECU
MRF
MRFG
MSN
MSNG
MCS
MCSG
MMT
MMTG
OMT
OMTG
34 D
33 D
20 D
19 D
32 D
31 D
18 D
28 D
30 D
29 D
L
P
G
R
Y
BR
B
R
B
G
(*5)
(*5)
(*5)
(*5)
(*5)
1 D
4 D
2 D
5 D
3 D
6 D
1 E
4 E
3 E
6 E
M 8(D), M 9(E)
Motor Generator No. 2