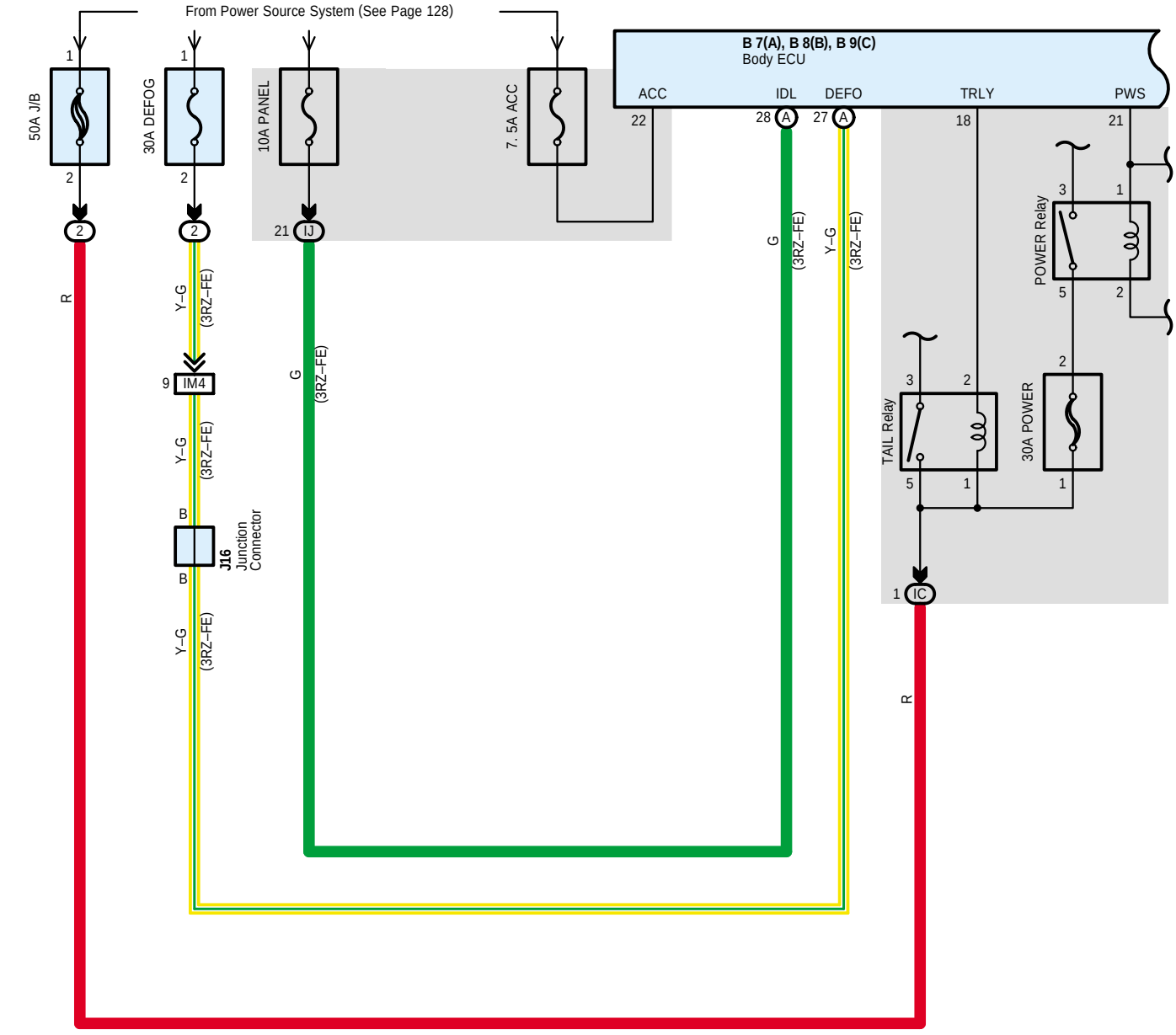
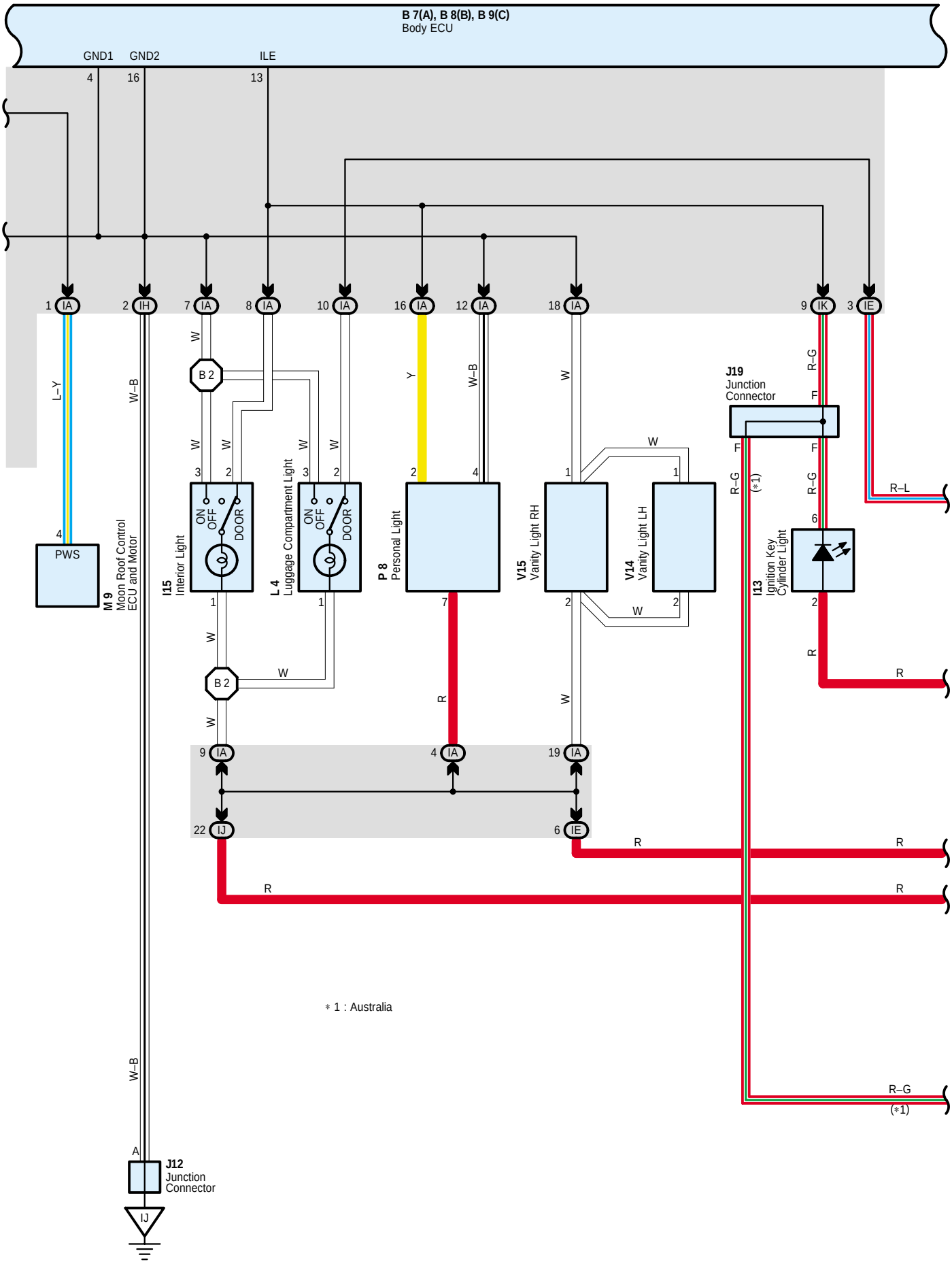
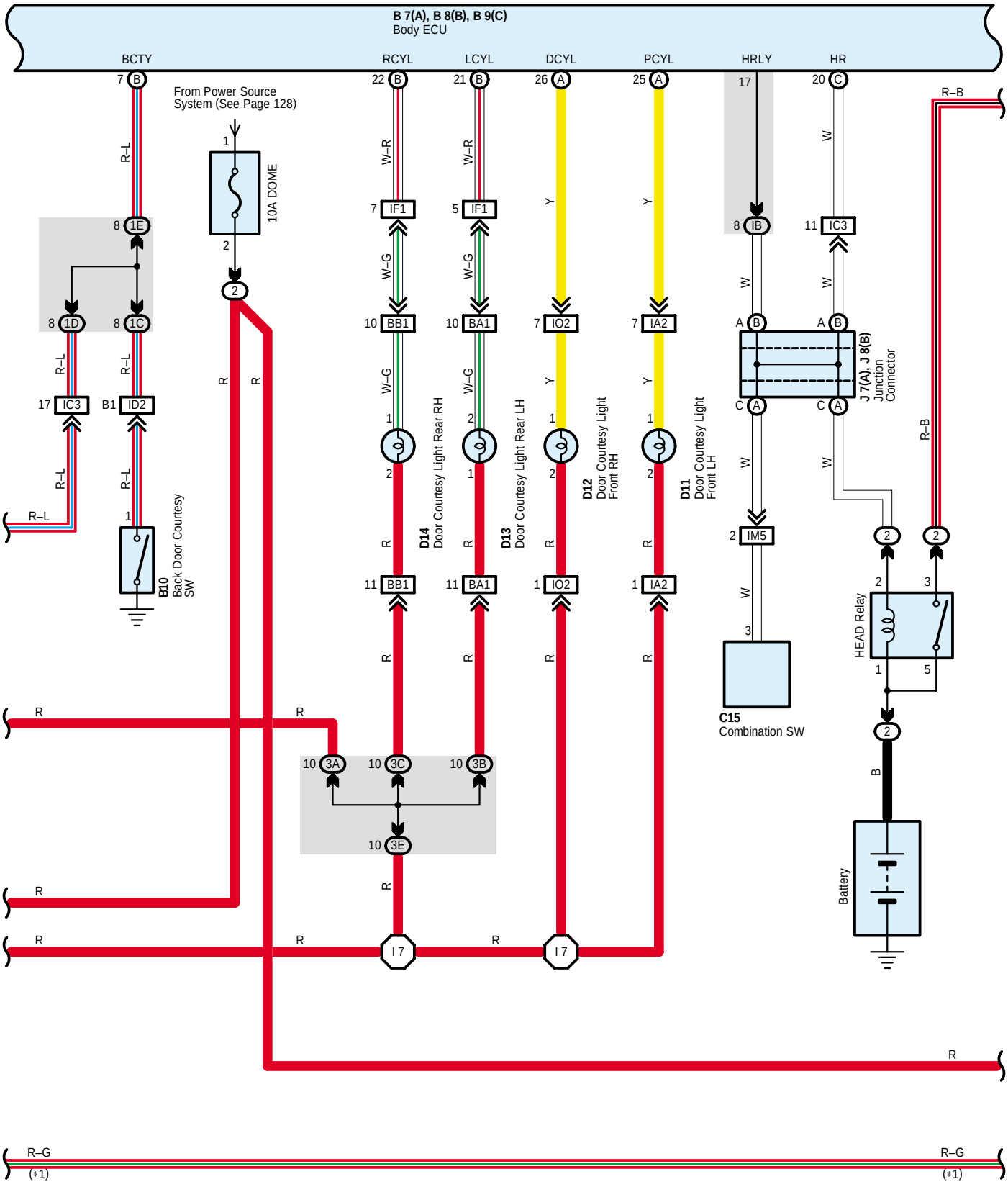
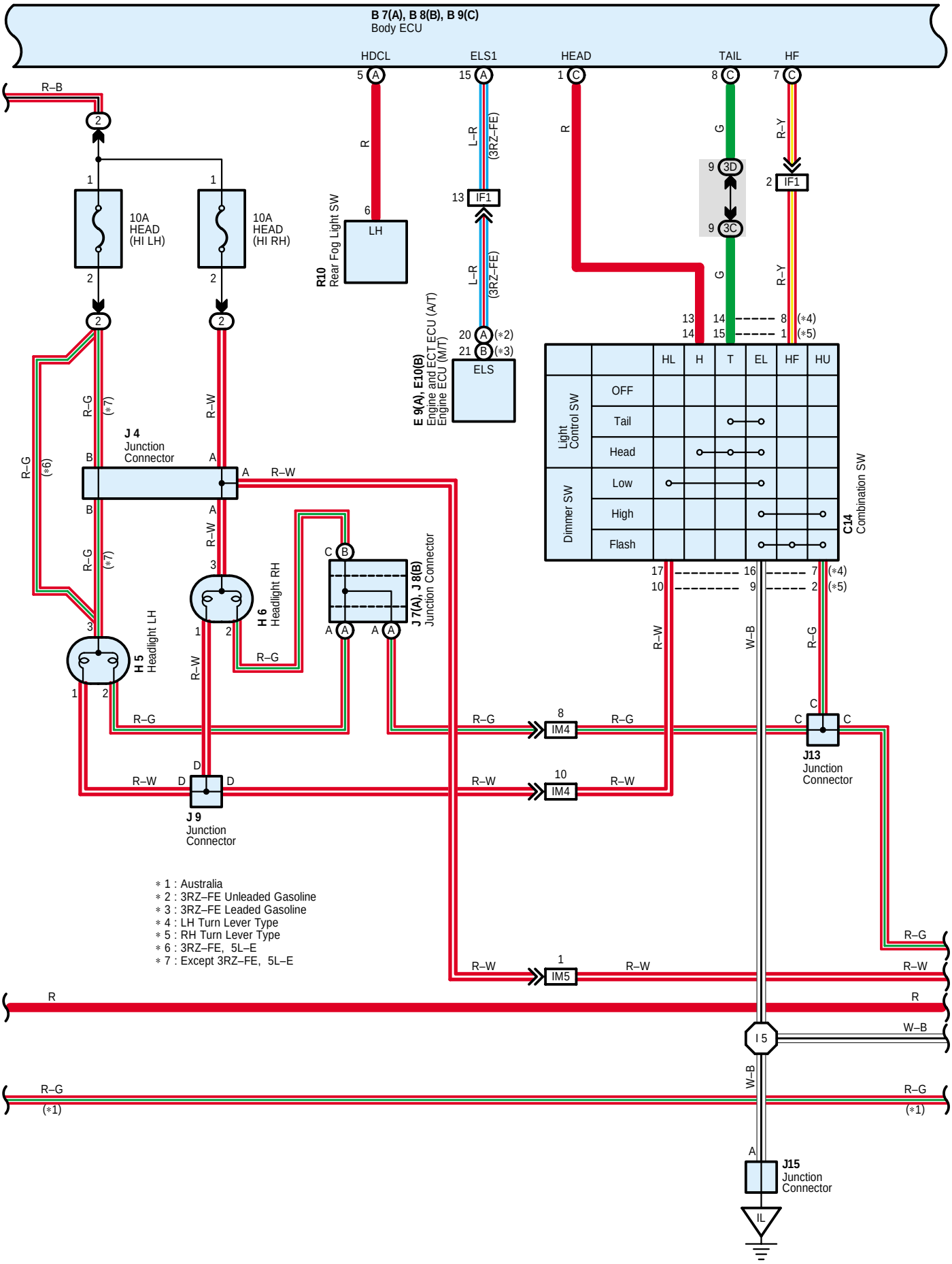
Multiplex Communication System (RHD)



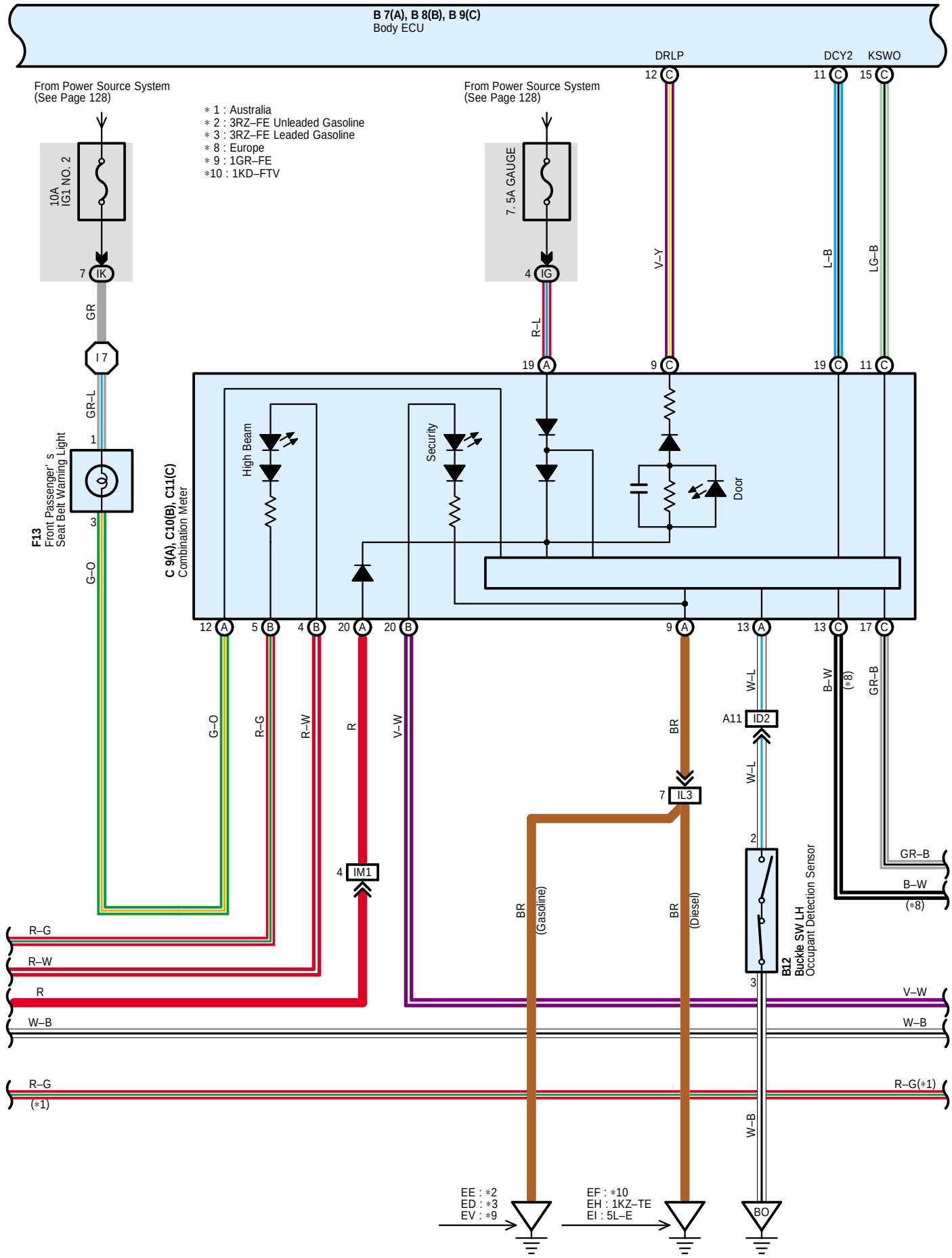

B 7(A), B 8(B), B 9(C)
Body ECU
GND1
GND2
ILE
4
16
13
1 IA
2 IH
7 IA
8 IA
10 IA
16 IA
12 IA
18 IA
9 IK
3 IE
L–Y
W–B
W
B 2
Y
W–B
R–G
J19
Junction
Connector
F
R–G
(*1)
R–L
PWS
M 9
Moon Roof Control
ECU and Motor
I15
Interior Light
ON
OFF
DOOR
L 4
Luggage Compartment Light
P 8
Personal Light
V15
Vanity Light RH
V14
Vanity Light LH
I13
Ignition Key
Cylinder Light
R
9 IA
4 IA
19 IA
22 IJ
6 IE
* 1 : Australia
A
J12
Junction
Connector
IJ

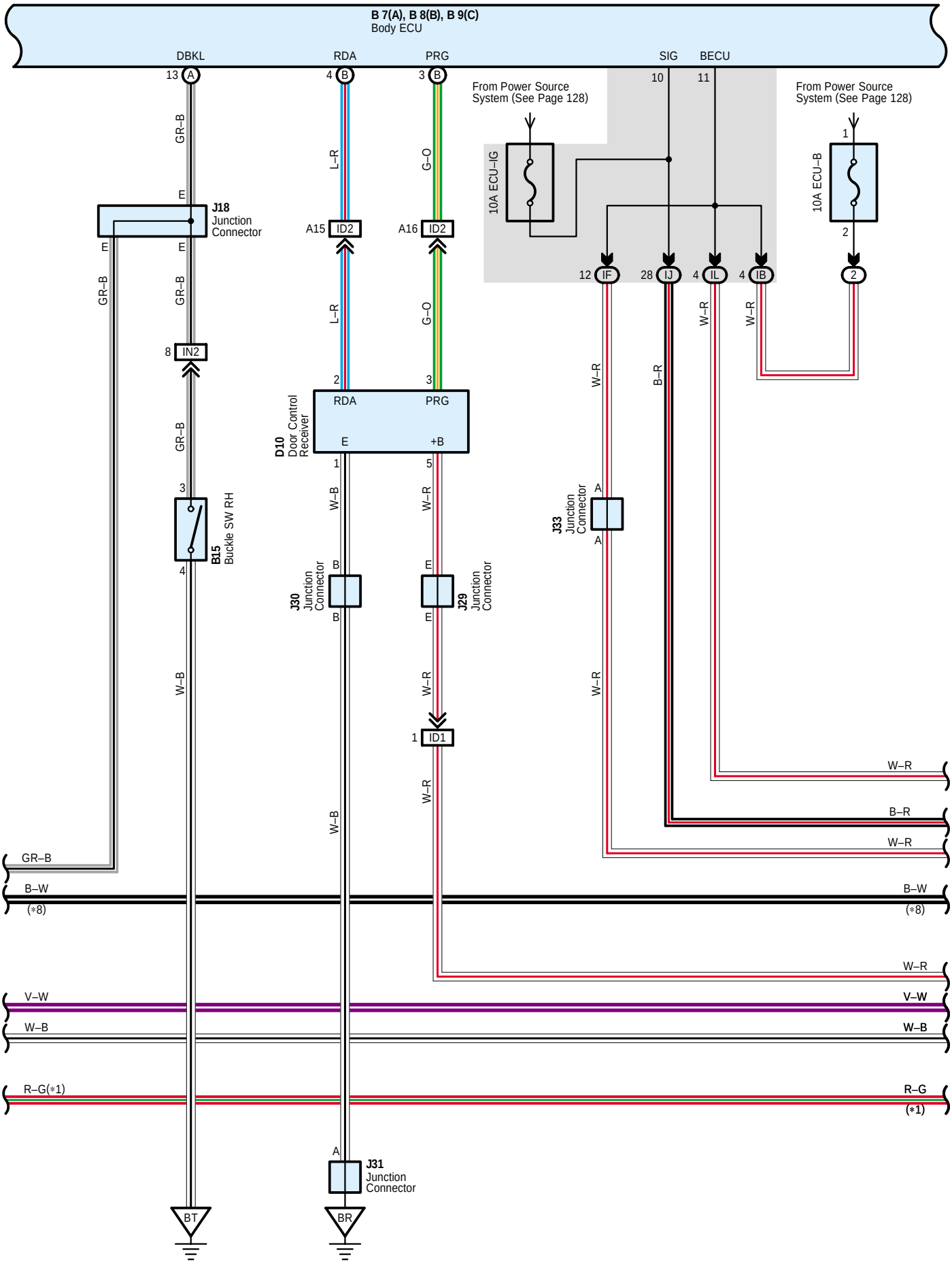
Multiplex Communication System (RHD)

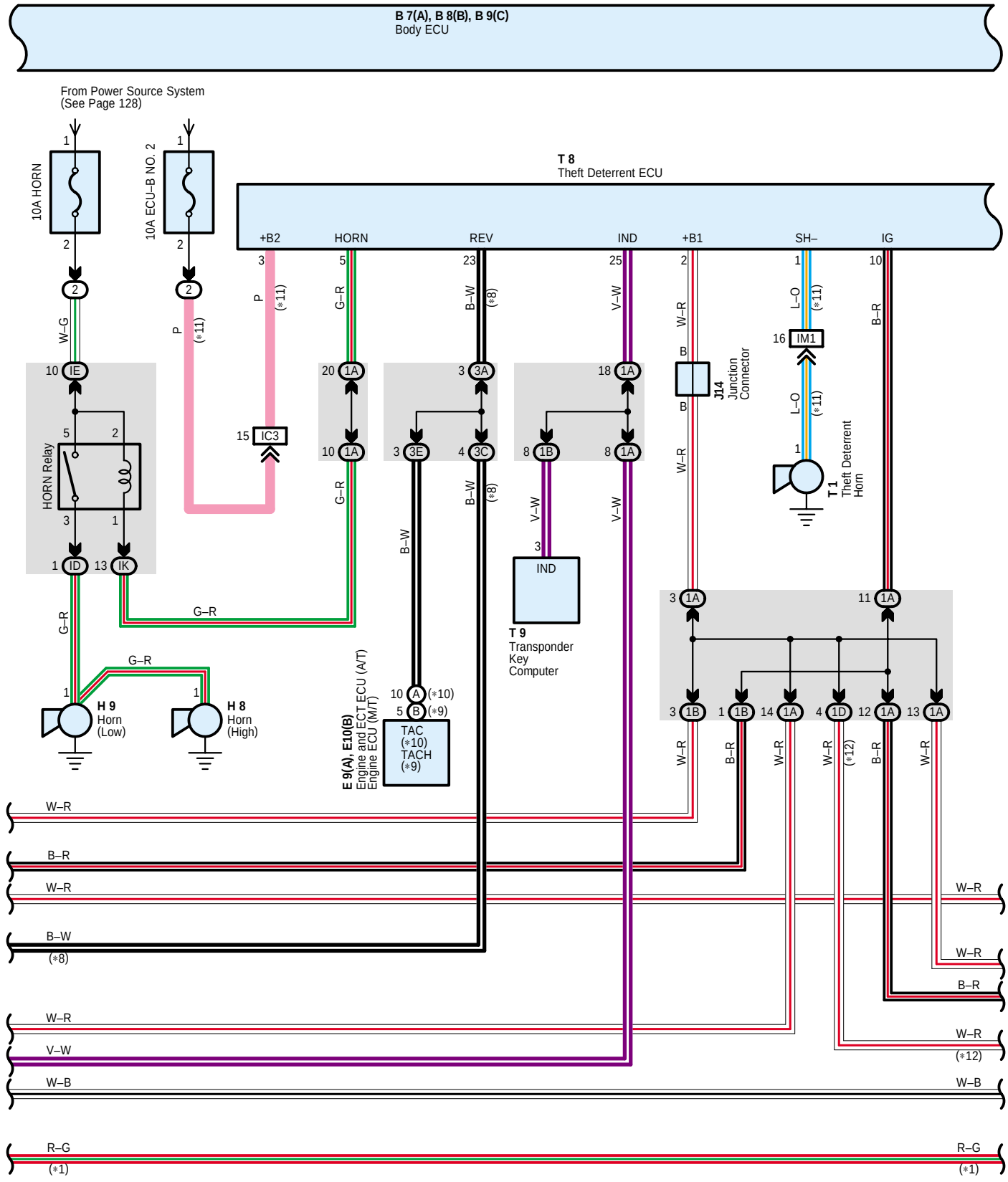


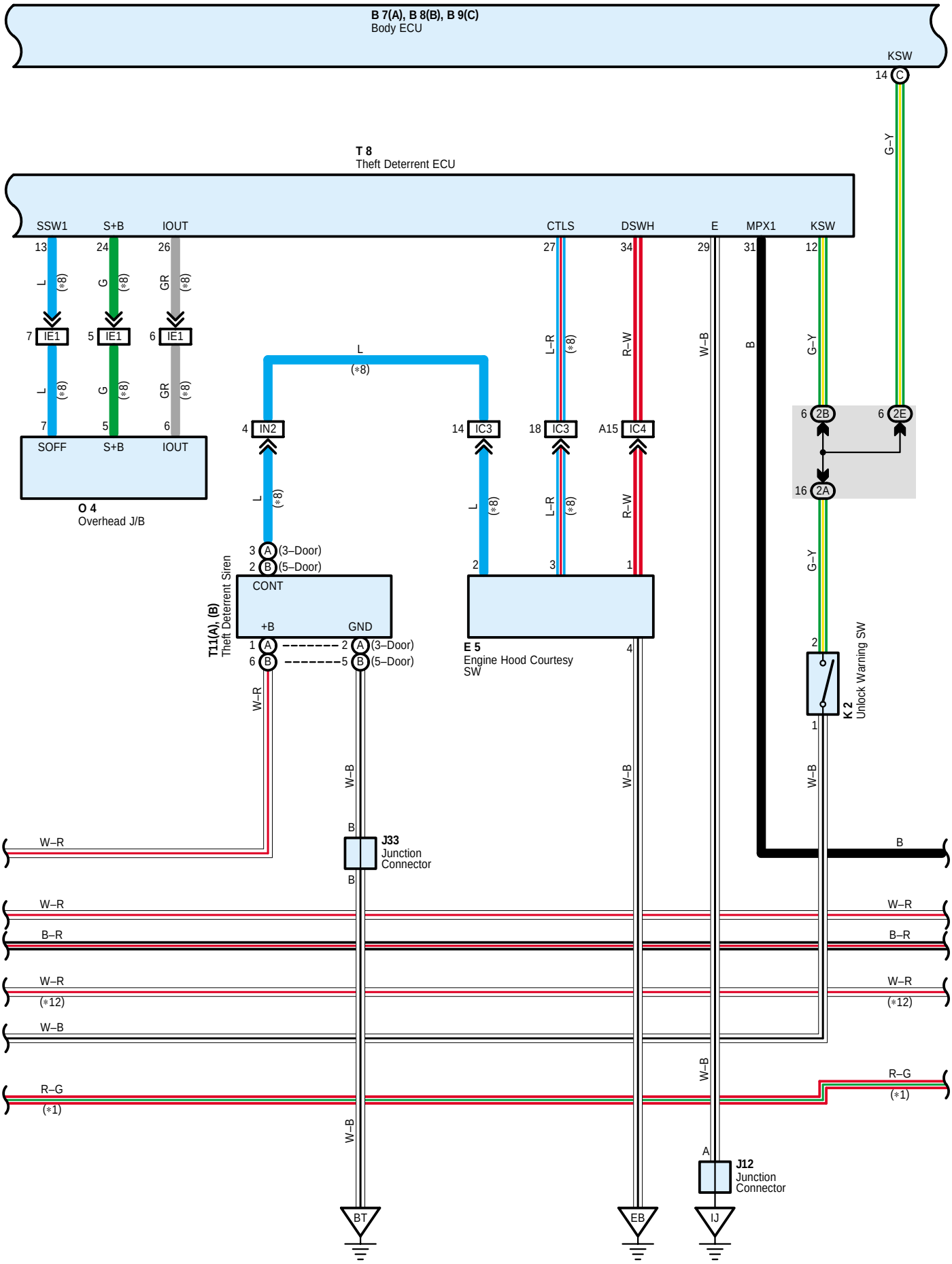

B 7(A), B 8(B), B 9(C)
Body ECU
HDCL
ELS1
HEAD
TAIL
HF
10A HEAD (HI LH)
10A HEAD (HI RH)
R10 Rear Fog Light SW
LH
E 9(A), E10(B) Engine and ECT ECU (A/T) Engine ECU (M/T)
ELS
IF1
3D
3C
J 4 Junction Connector
H 5 Headlight LH
H 6 Headlight RH
J 7(A), J 8(B) Junction Connector
J 9 Junction Connector
J13 Junction Connector
J15 Junction Connector
C14 Combination SW
Light Control SW
Dimmer SW
OFF
Tail
Head
Low
High
Flash
HL
H
T
EL
HF
HU
IM4
IM5
I 5
IL
∗1 : Australia
∗2 : 3RZ–FE Unleaded Gasoline
∗3 : 3RZ–FE Leaded Gasoline
∗4 : LH Turn Lever Type
∗5 : RH Turn Lever Type
∗6 : 3RZ–FE, 5L–E
∗7 : Except 3RZ–FE, 5L–E

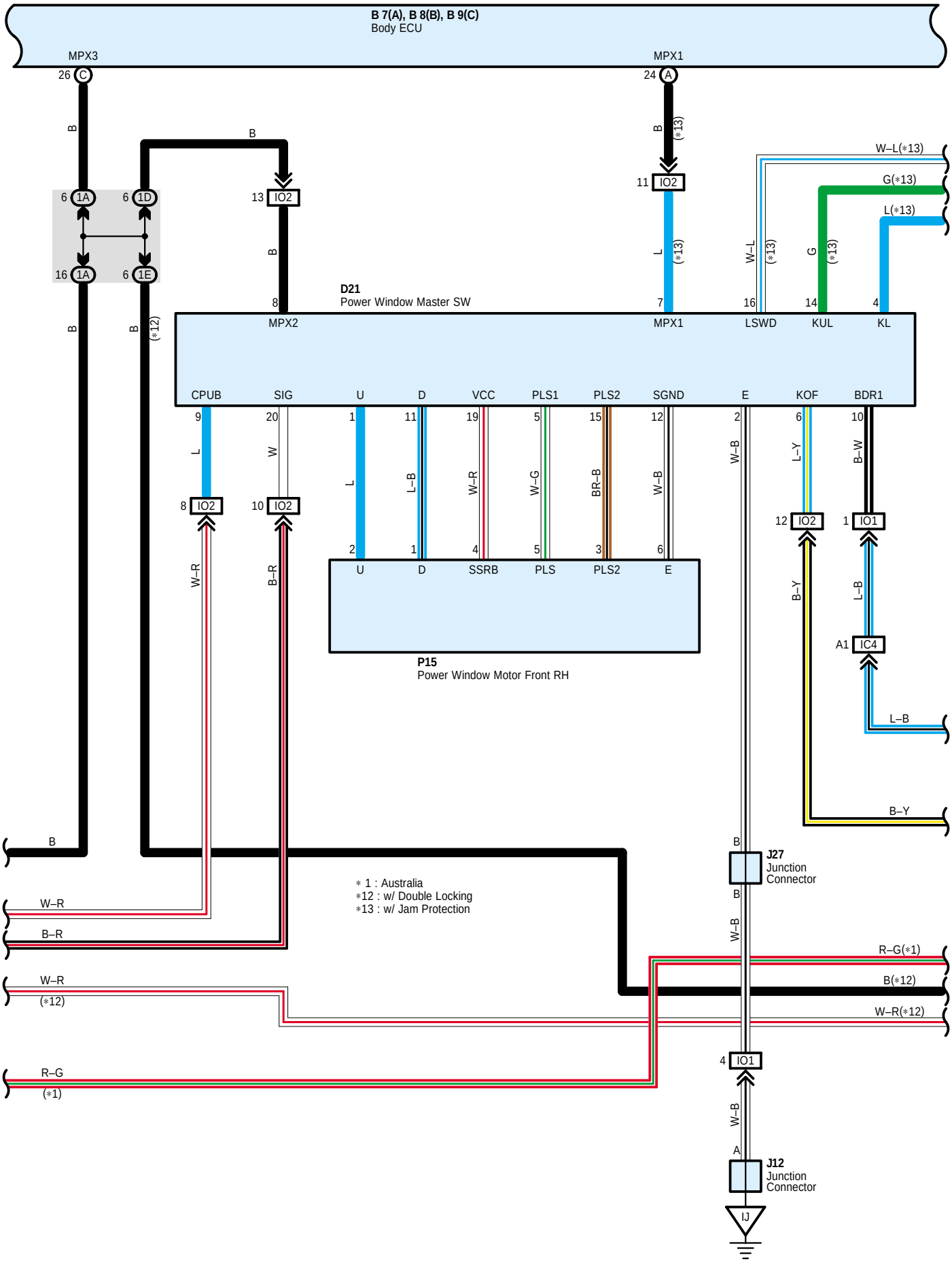
Multiplex Communication System (RHD)

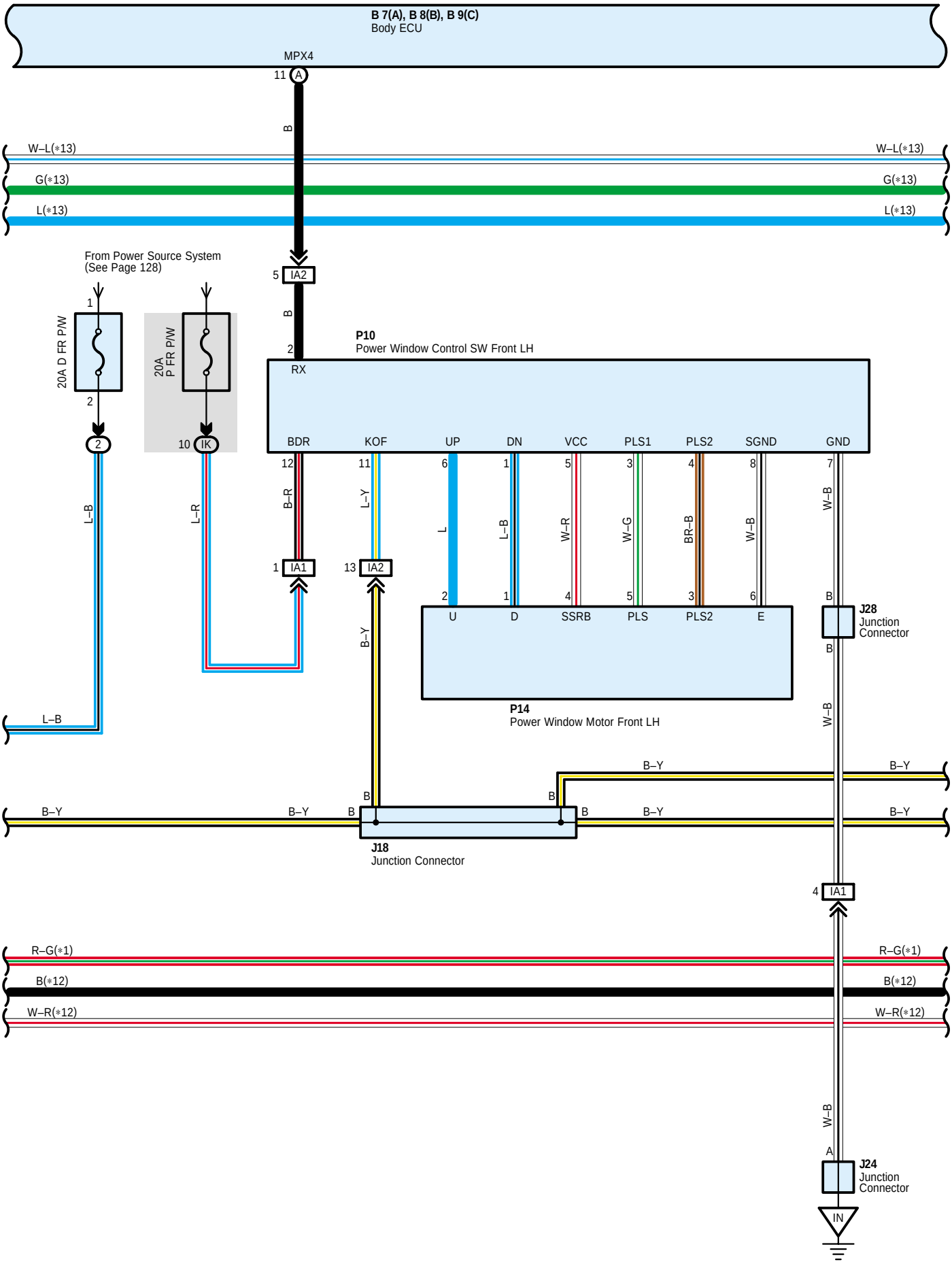



B 7(A), B 8(B), B 9(C)
Body ECU
DBKL
RDA
PRG
SIG
BECU
13 A
4 B
3 B
10
11
From Power Source System (See Page 128)
From Power Source System (See Page 128)
10A ECU-IG
10A ECU-B
1
2
12 IF
28 IJ
4 IL
4 IB
2
GR–B
L–R
G–O
W–R
B–R
E
J18
Junction Connector
A15 ID2
A16 ID2
8 IN2
3
B15
Buckle SW RH
4
D10
Door Control Receiver
RDA
PRG
E
+B
1
5
2
3
J30
Junction Connector
J29
Junction Connector
J33
Junction Connector
A
B
1 ID1
W–B
B–W
(*8)
V–W
R–G(*1)
A
J31
Junction Connector
BT
BR

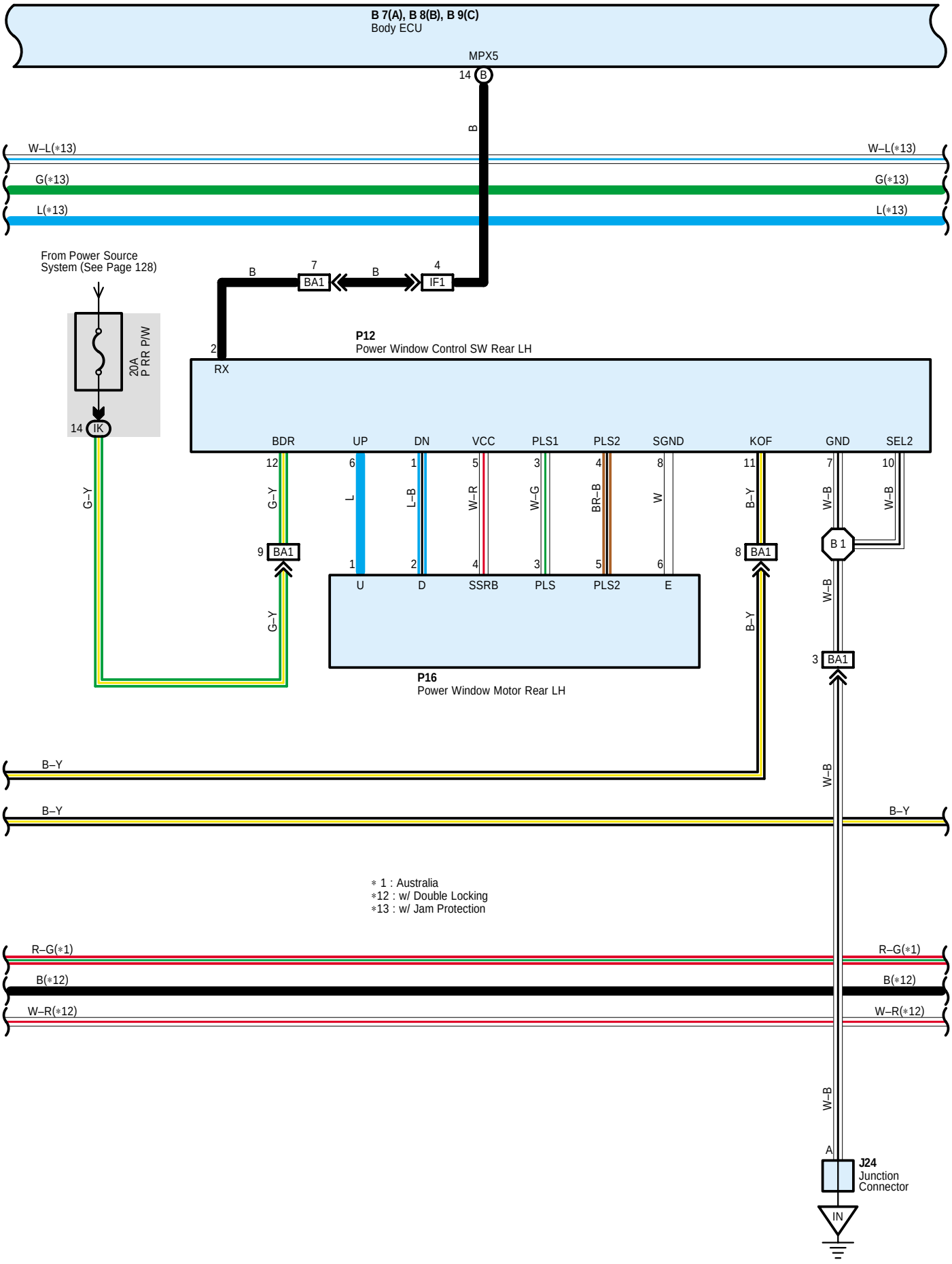

B 7(A), B 8(B), B 9(C)
Body ECU
From Power Source System
(See Page 128)
10A HORN
10A ECU–B NO. 2
T 8
Theft Deterrent ECU
+B2
HORN
REV
IND
+B1
SH–
IG
HORN Relay
IC3
J14
Junction
Connector
T 1
Theft Deterrent
Horn
H 9
Horn
(Low)
H 8
Horn
(High)
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
TAC
(*10)
TACH
(*9)
T 9
Transponder
Key
Computer
W–R
B–R
B–W
(*8)
V–W
W–B
R–G
(*1)
(*12)
* 1 : Australia
* 8 : Europe
* 9 : 1GR–FE
*10 : 1KD–FTV
*11 : Except Europe
*12 : w/ Double Locking

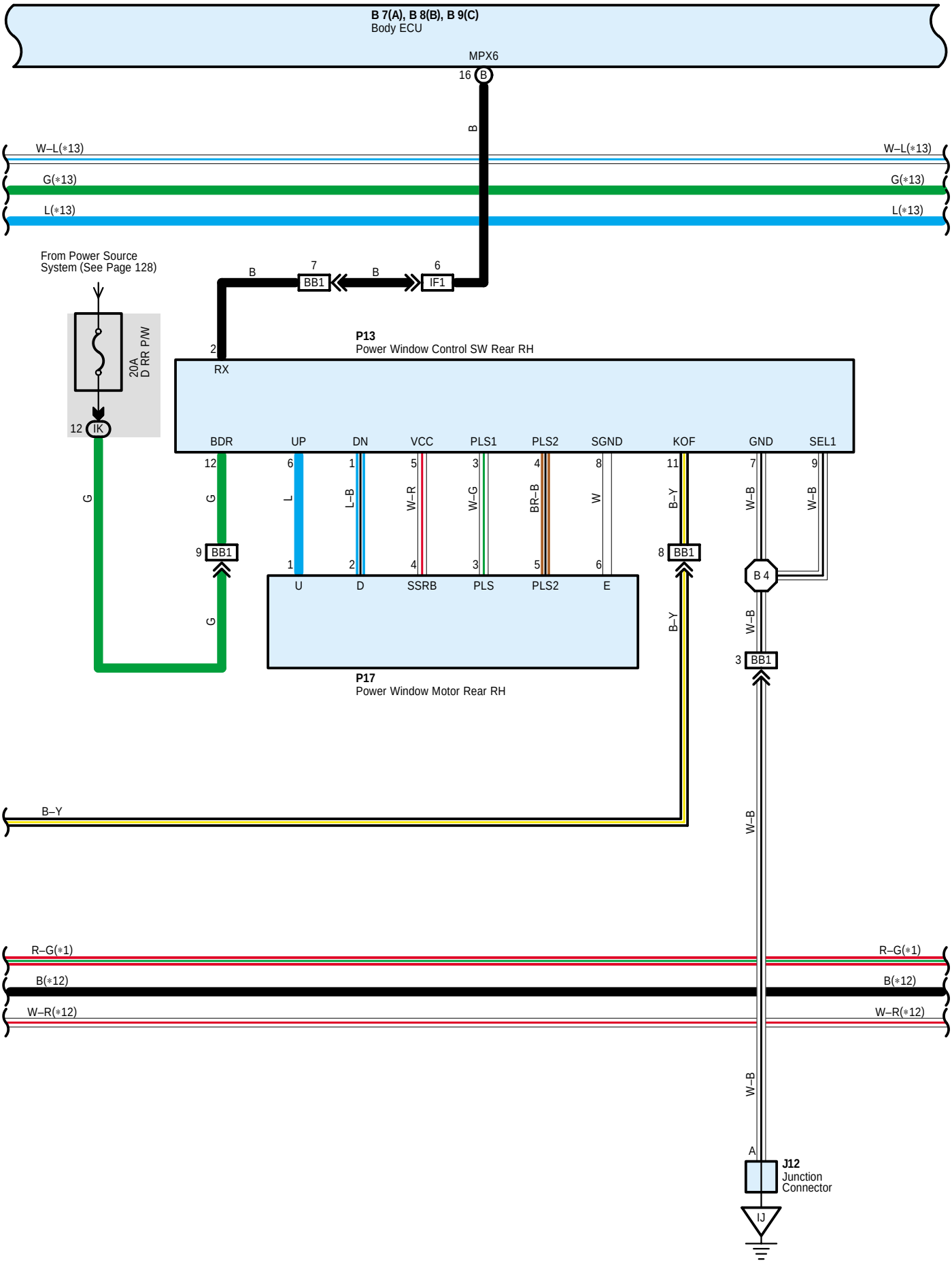

B 7(A), B 8(B), B 9(C)
Body ECU
KSW
14 C
G–Y
T 8
Theft Deterrent ECU
SSW1
S+B
IOUT
CTLS
DSWH
E
MPX1
KSW
13
24
26
27
34
29
31
12
L (*8)
G (*8)
GR (*8)
L–R (*8)
R–W
W–B
B
G–Y
7 IE1
5 IE1
6 IE1
L (*8)
G (*8)
GR (*8)
7
5
6
SOFF
S+B
IOUT
O 4
Overhead J/B
L (*8)
4 IN2
14 IC3
18 IC3
A15 IC4
L (*8)
L–R (*8)
R–W
3 A (3–Door)
2 B (5–Door)
CONT
2
3
1
T11(A), (B)
Theft Deterrent Siren
+B
GND
1 A
6 B
2 A (3–Door)
5 B (5–Door)
E 5
Engine Hood Courtesy SW
4
6 2B
6 2E
16 2A
G–Y
2
K 2
Unlock Warning SW
1
W–R
W–B
B
J33
Junction Connector
W–R
B–R
W–R
(*12)
W–B
R–G
(*1)
W–R
B–R
W–R
(*12)
R–G
(*1)
A
J12
Junction Connector
BT
EB
IJ


B 7(A), B 8(B), B 9(C)
Body ECU
MPX3
MPX1
26 C
24 A
6 1A
6 1D
16 1A
6 1E
13 IO2
11 IO2
8
MPX2
D21
Power Window Master SW
7
MPX1
16
LSWD
14
KUL
4
KL
W–L(∗13)
G(∗13)
L(∗13)
CPUB
SIG
U
D
VCC
PLS1
PLS2
SGND
E
KOF
BDR1
9
20
1
11
19
5
15
12
2
6
10
8 IO2
10 IO2
12 IO2
1 IO1
A1 IC4
U
D
SSRB
PLS
PLS2
E
P15
Power Window Motor Front RH
∗ 1 : Australia
∗12 : w/ Double Locking
∗13 : w/ Jam Protection
J27
Junction
Connector
J12
Junction
Connector
4 IO1
IJ
W–R
B–R
W–R
(∗12)
R–G
(∗1)
R–G(∗1)
B(∗12)
W–R(∗12)
B–Y
L–B

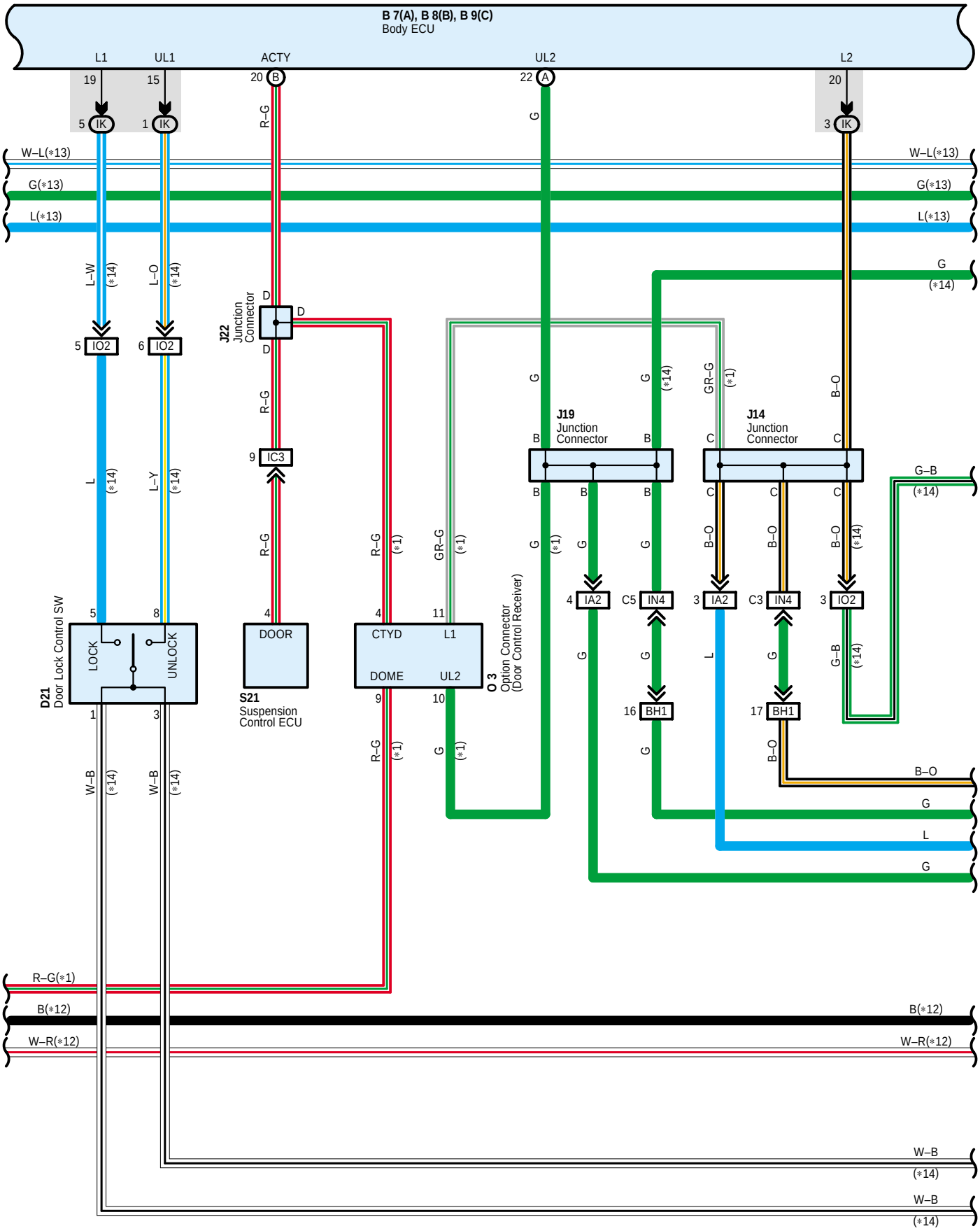

B 7(A), B 8(B), B 9(C)
Body ECU
MPX4
11 A
B
W–L(*13)
G(*13)
L(*13)
W–L(*13)
G(*13)
L(*13)
From Power Source System
(See Page 128)
20A D FR P/W
20A P FR P/W
1
2
2
10 IK
5 IA2
B
2
P10
Power Window Control SW Front LH
RX
BDR
KOF
UP
DN
VCC
PLS1
PLS2
SGND
GND
12
11
6
1
5
3
4
8
7
B–R
L–Y
L
L–B
W–R
W–G
BR–B
W–B
W–B
1 IA1
13 IA2
2
1
4
5
3
6
B
U
D
SSRB
PLS
PLS2
E
J28
Junction
Connector
B
P14
Power Window Motor Front LH
L–B
L–R
L–B
B–Y
B–Y
B–Y
B–Y
B–Y
B
B
B
B
J18
Junction Connector
4 IA1
R–G(*1)
B(*12)
W–R(*12)
R–G(*1)
B(*12)
W–R(*12)
W–B
A
J24
Junction
Connector
IN

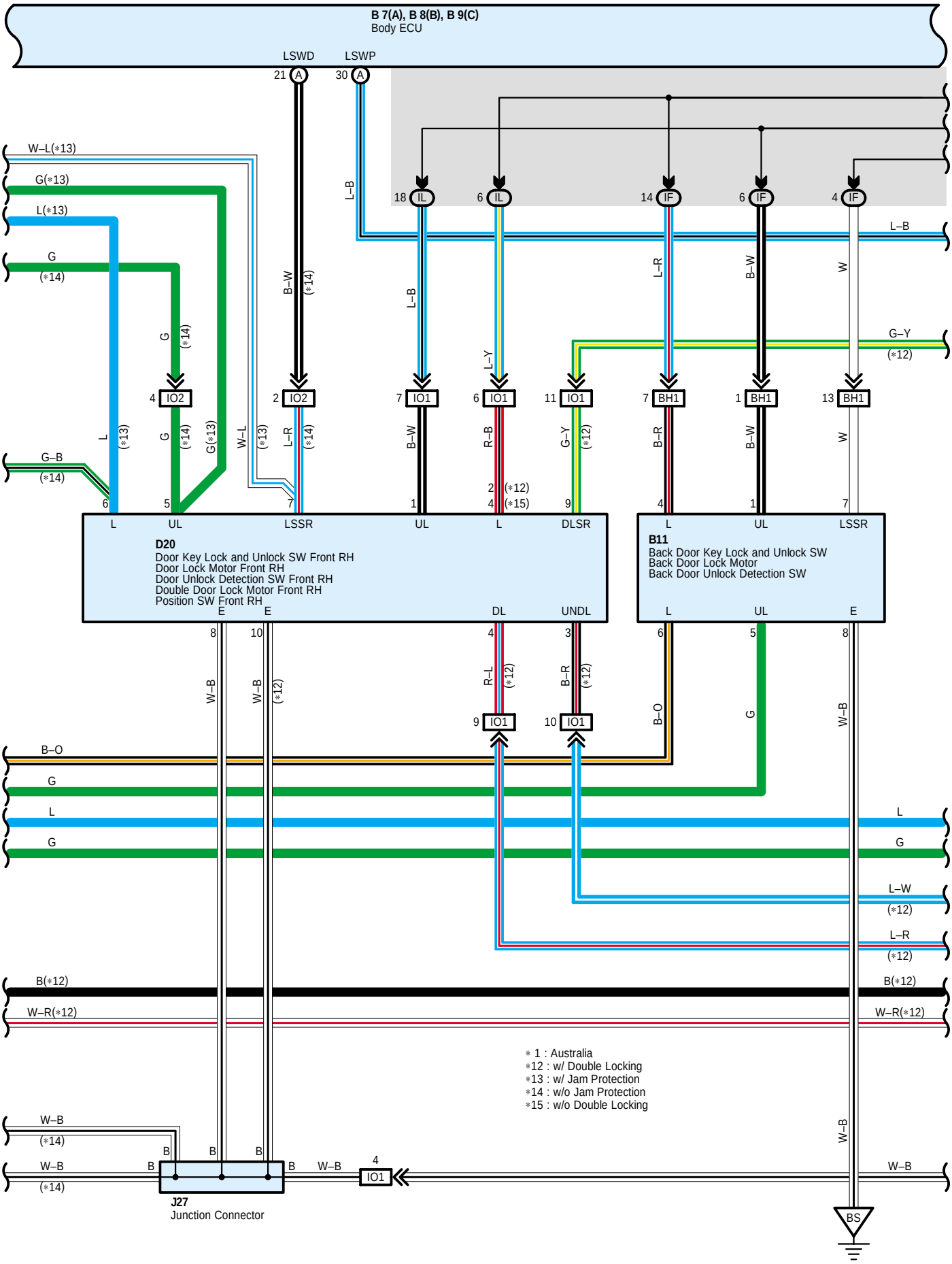
Multiplex Communication System (RHD)



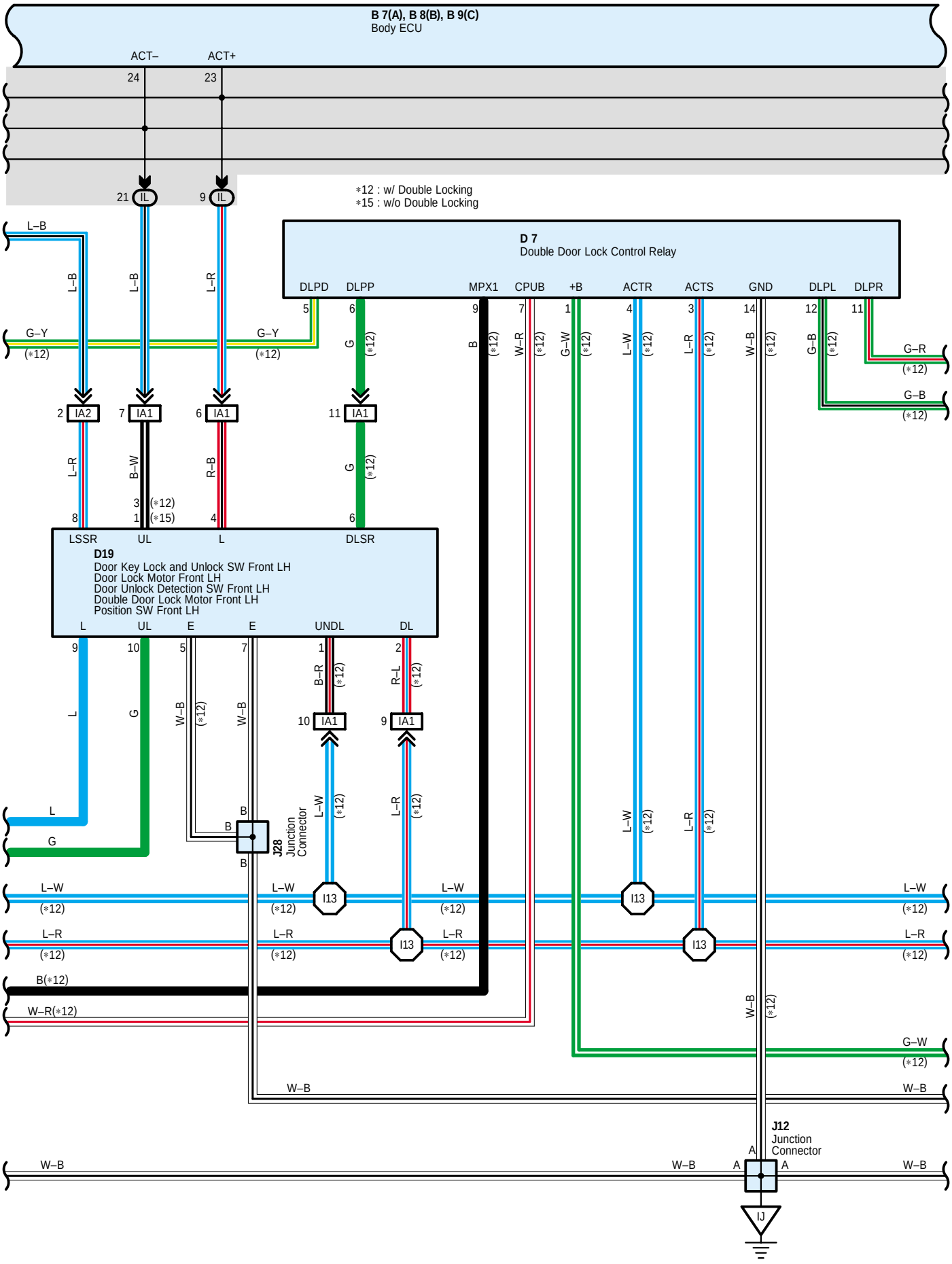

B 7(A), B 8(B), B 9(C)
Body ECU
MPX6
16 B
B
W–L(∗13)
G(∗13)
L(∗13)
From Power Source System (See Page 128)
B
7
BB1
B
6
IF1
20A D RR P/W
12 IK
2
RX
P13
Power Window Control SW Rear RH
BDR
UP
DN
VCC
PLS1
PLS2
SGND
KOF
GND
SEL1
12
6
1
5
3
4
8
11
7
9
G
L
L–B
W–R
W–G
BR–B
W
B–Y
W–B
9 BB1
8 BB1
B 4
3 BB1
1
2
4
3
5
6
U
D
SSRB
PLS
PLS2
E
P17
Power Window Motor Rear RH
B–Y
R–G(∗1)
B(∗12)
W–R(∗12)
A
J12
Junction Connector
IJ

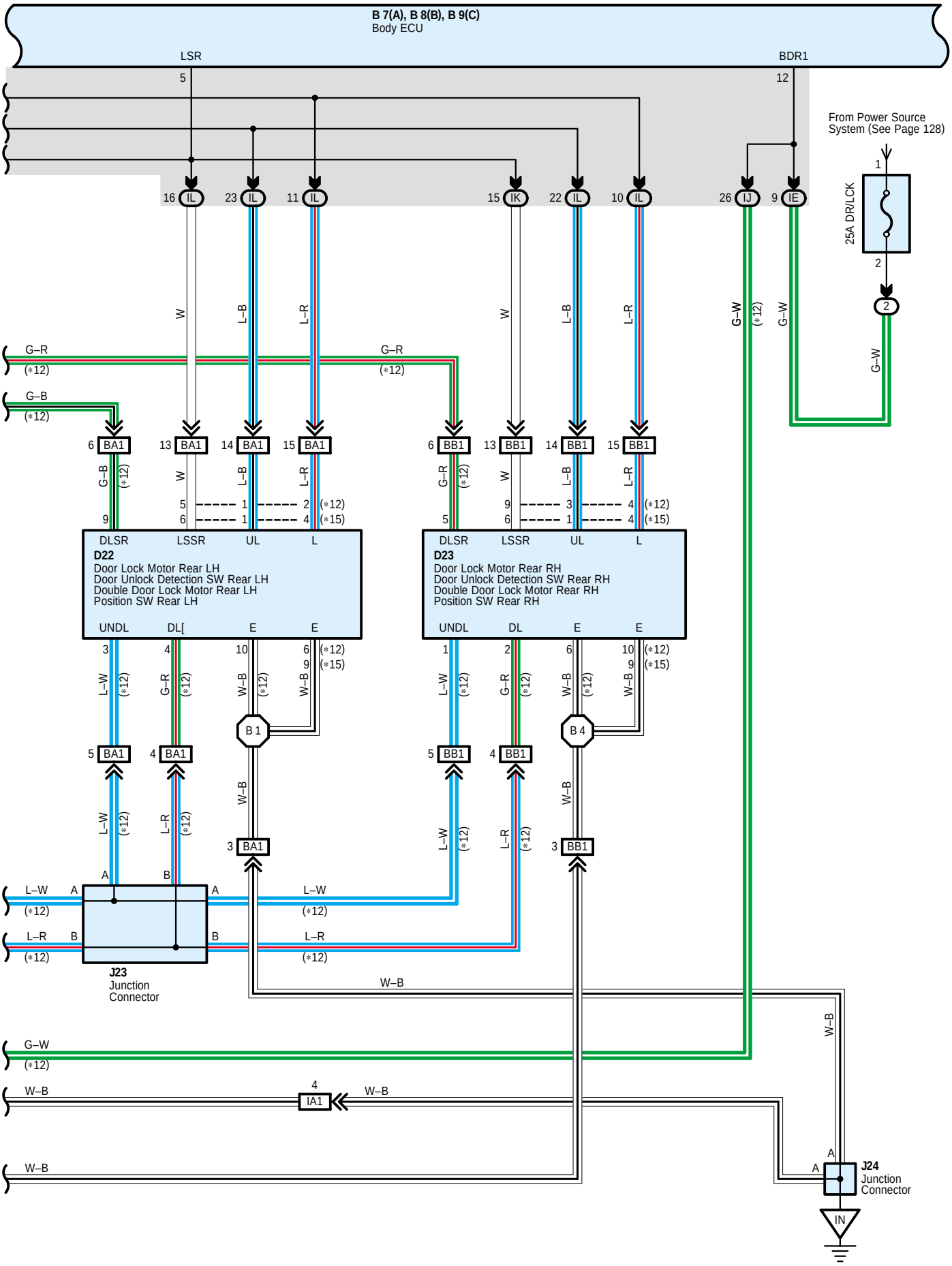
Multiplex Communication System (RHD)

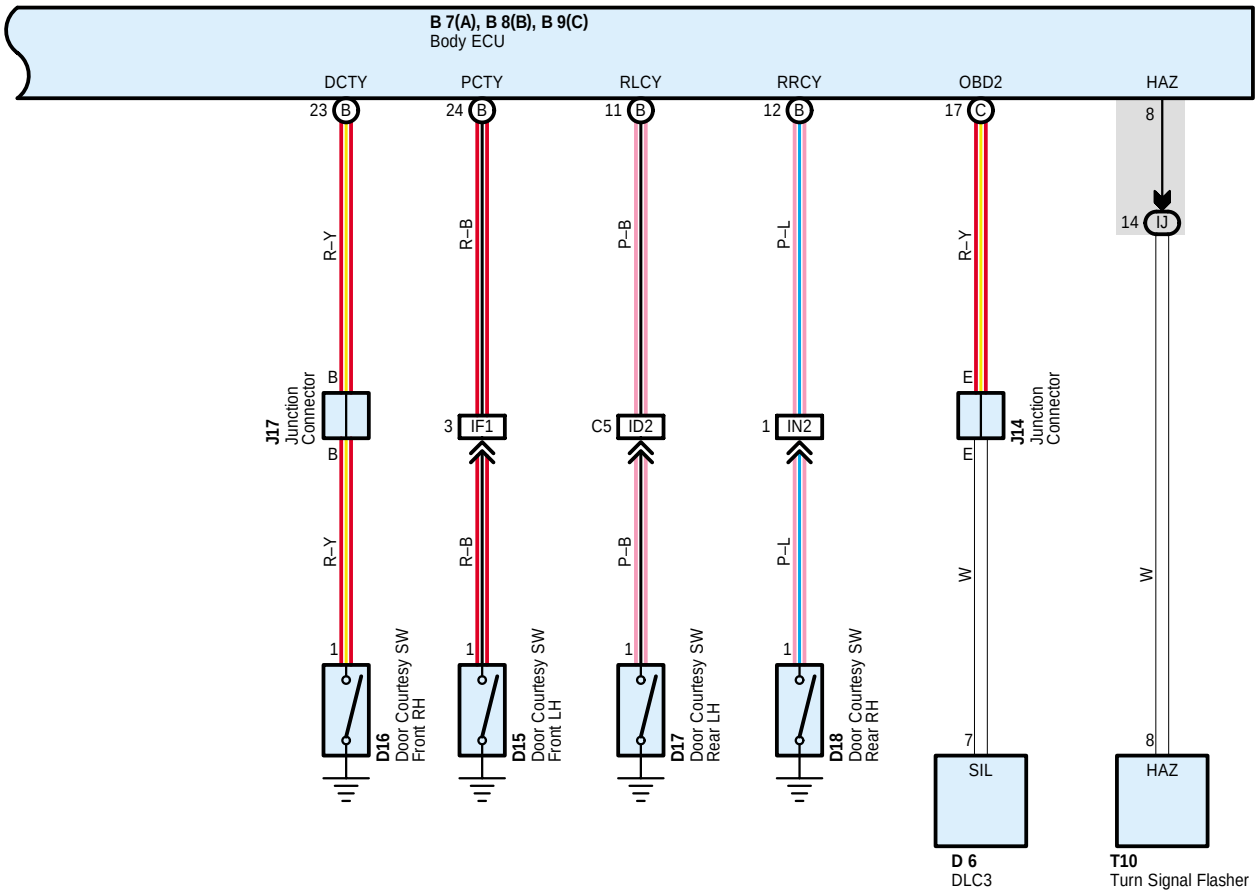



B 7(A), B 8(B), B 9(C)
Body ECU
LSWD
LSWP
21 A
30 A
18 IL
6 IL
14 IF
6 IF
4 IF
W–L(∗13)
G(∗13)
L(∗13)
G
(∗14)
L–B
B–W
(∗14)
L–R
W
G–Y
(∗12)
L–Y
4 IO2
2 IO2
7 IO1
6 IO1
11 IO1
7 BH1
1 BH1
13 BH1
G–B
(∗14)
L
(∗13)
G
(∗14)
G(∗13)
W–L
(∗13)
L–R
(∗14)
B–W
R–B
G–Y
(∗12)
B–R
B–W
W
2 (∗12)
4 (∗15)
6
5
7
1
2
4
9
4
1
7
L
UL
LSSR
UL
L
DLSR
L
UL
LSSR
D20
Door Key Lock and Unlock SW Front RH
Door Lock Motor Front RH
Door Unlock Detection SW Front RH
Double Door Lock Motor Front RH
Position SW Front RH
B11
Back Door Key Lock and Unlock SW
Back Door Lock Motor
Back Door Unlock Detection SW
E
E
DL
UNDL
L
UL
E
8
10
4
3
6
5
8
W–B
W–B
(∗12)
R–L
(∗12)
B–R
(∗12)
B–O
G
W–B
9 IO1
10 IO1
B–O
G
L
G
L
G
L–W
(∗12)
L–R
(∗12)
B(∗12)
W–R(∗12)
B(∗12)
W–R(∗12)
∗ 1 : Australia
∗12 : w/ Double Locking
∗13 : w/ Jam Protection
∗14 : w/o Jam Protection
∗15 : w/o Double Locking
W–B
(∗14)
W–B
(∗14)
B
B
B
B
B
W–B
4
IO1
W–B
W–B
J27
Junction Connector
W–B
BS

Multiplex Communication System (RHD)




B 7(A), B 8(B), B 9(C)
Body ECU
LSR
BDR1
From Power Source System (See Page 128)
25A DR/LCK
D22
Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
Double Door Lock Motor Rear LH
Position SW Rear LH
D23
Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
Double Door Lock Motor Rear RH
Position SW Rear RH
J23
Junction Connector
J24
Junction Connector
B 1
B 4
IA1
IN


B 7(A), B 8(B), B 9(C)
Body ECU
DCTY
PCTY
RLCY
RRCY
OBD2
HAZ
23 B
24 B
11 B
12 B
17 C
8
14 IJ
R–Y
R–B
P–B
P–L
R–Y
J17 Junction Connector
B
B
3 IF1
C5 ID2
1 IN2
E
E
J14 Junction Connector
W
W
1
1
1
1
7
8
D16 Door Courtesy SW Front RH
D15 Door Courtesy SW Front LH
D17 Door Courtesy SW Rear LH
D18 Door Courtesy SW Rear RH
SIL
HAZ
D 6
DLC3
T10
Turn Signal Flasher