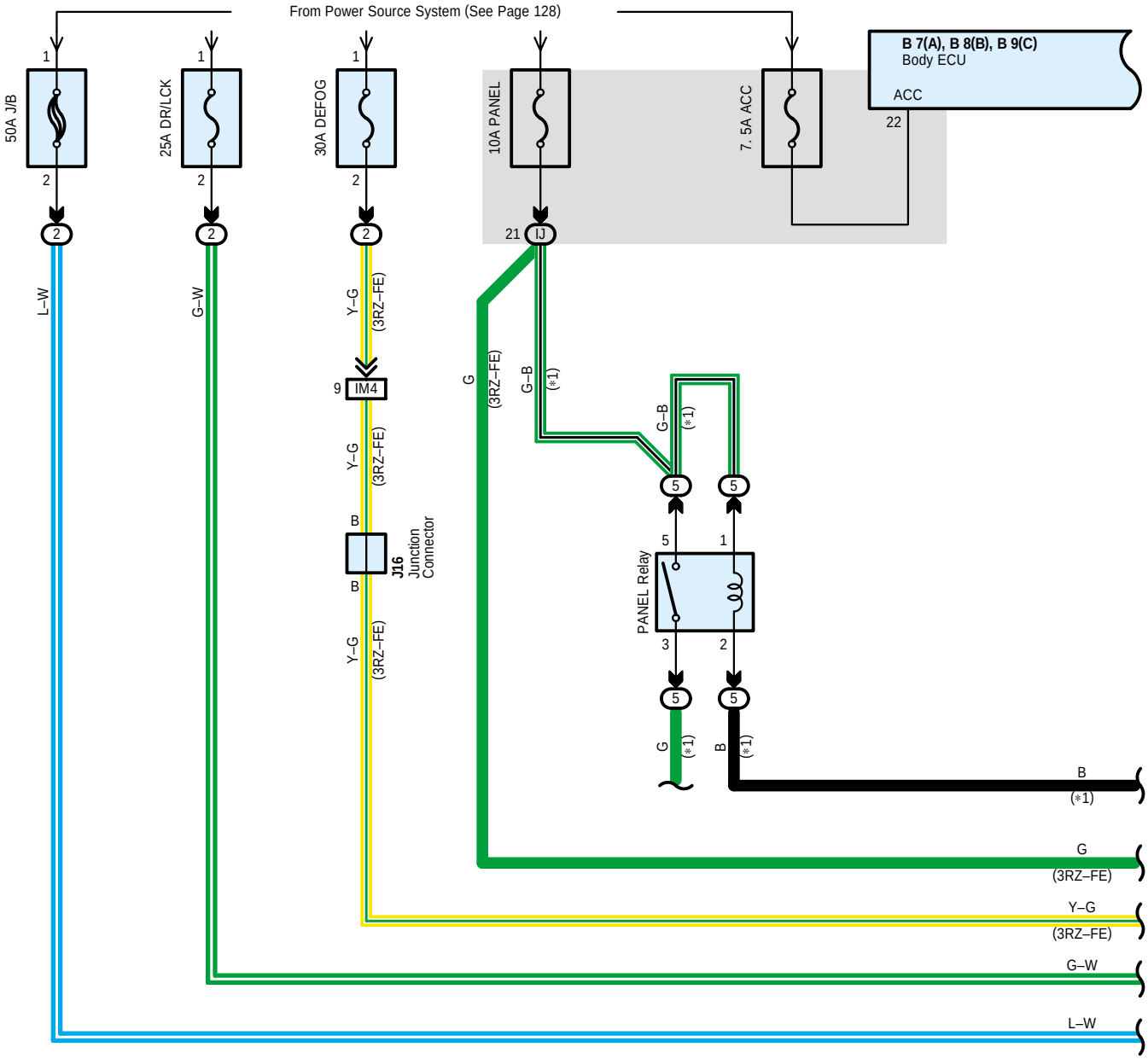
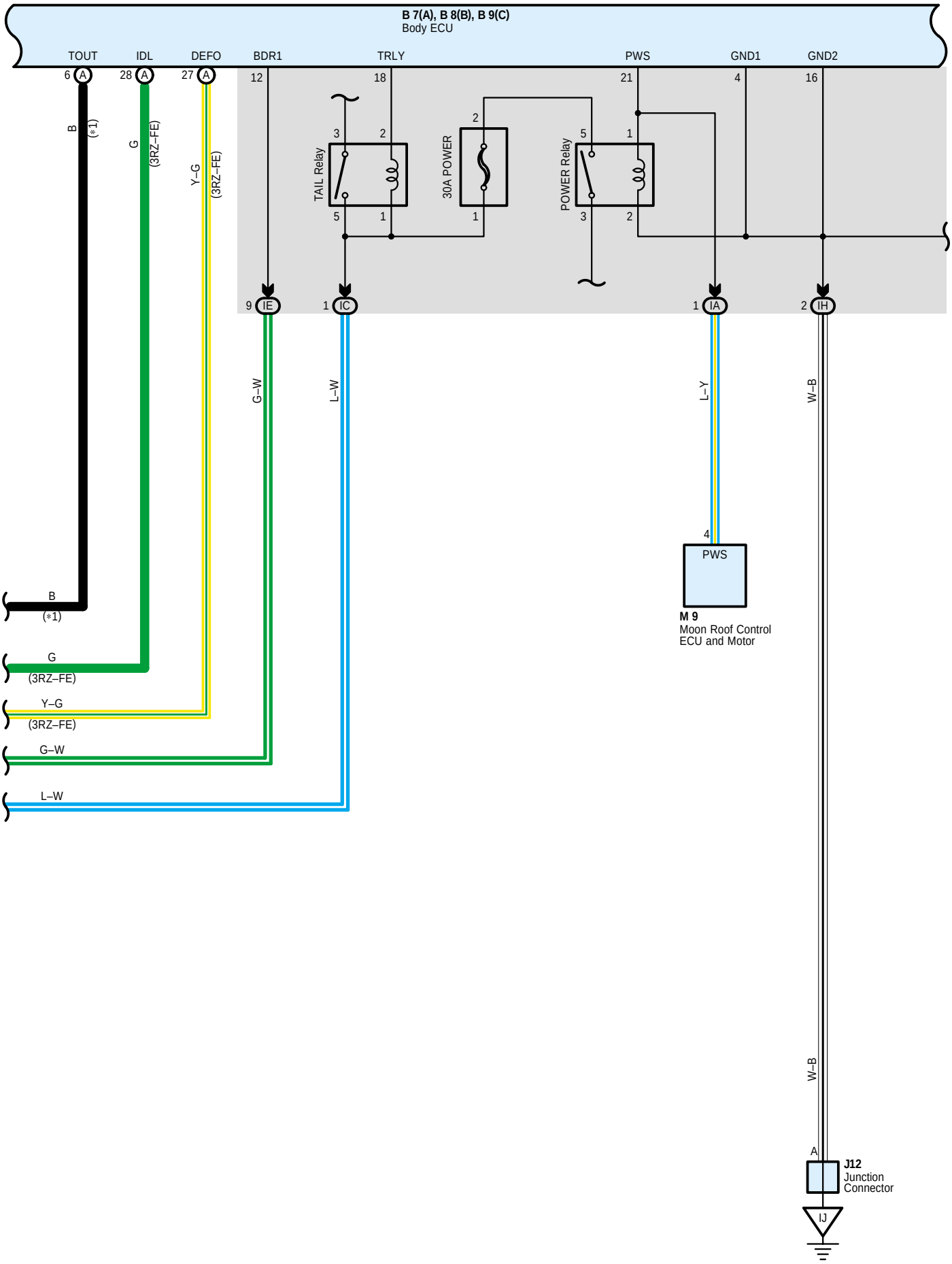
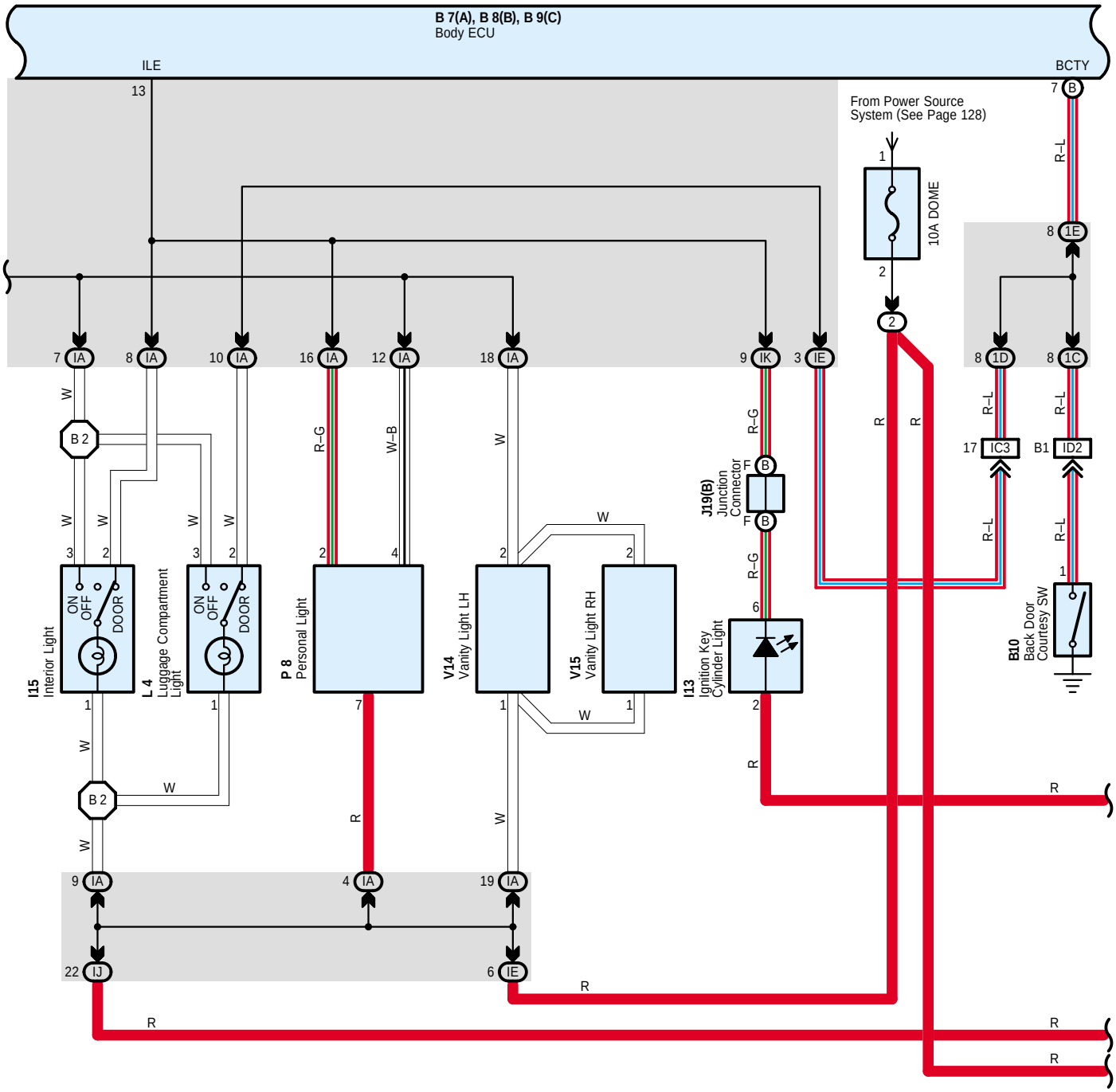
Multiplex Communication System (LHD)

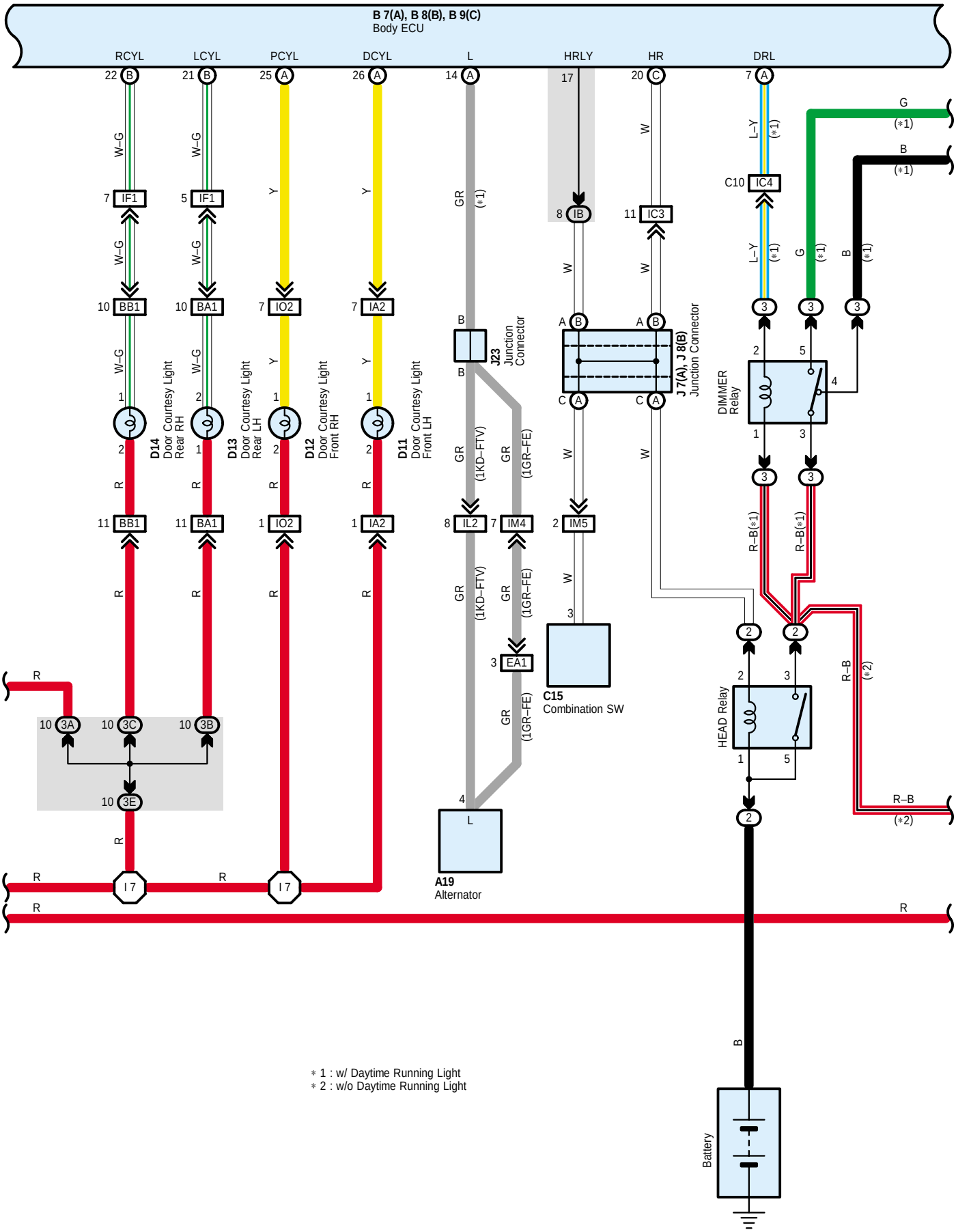


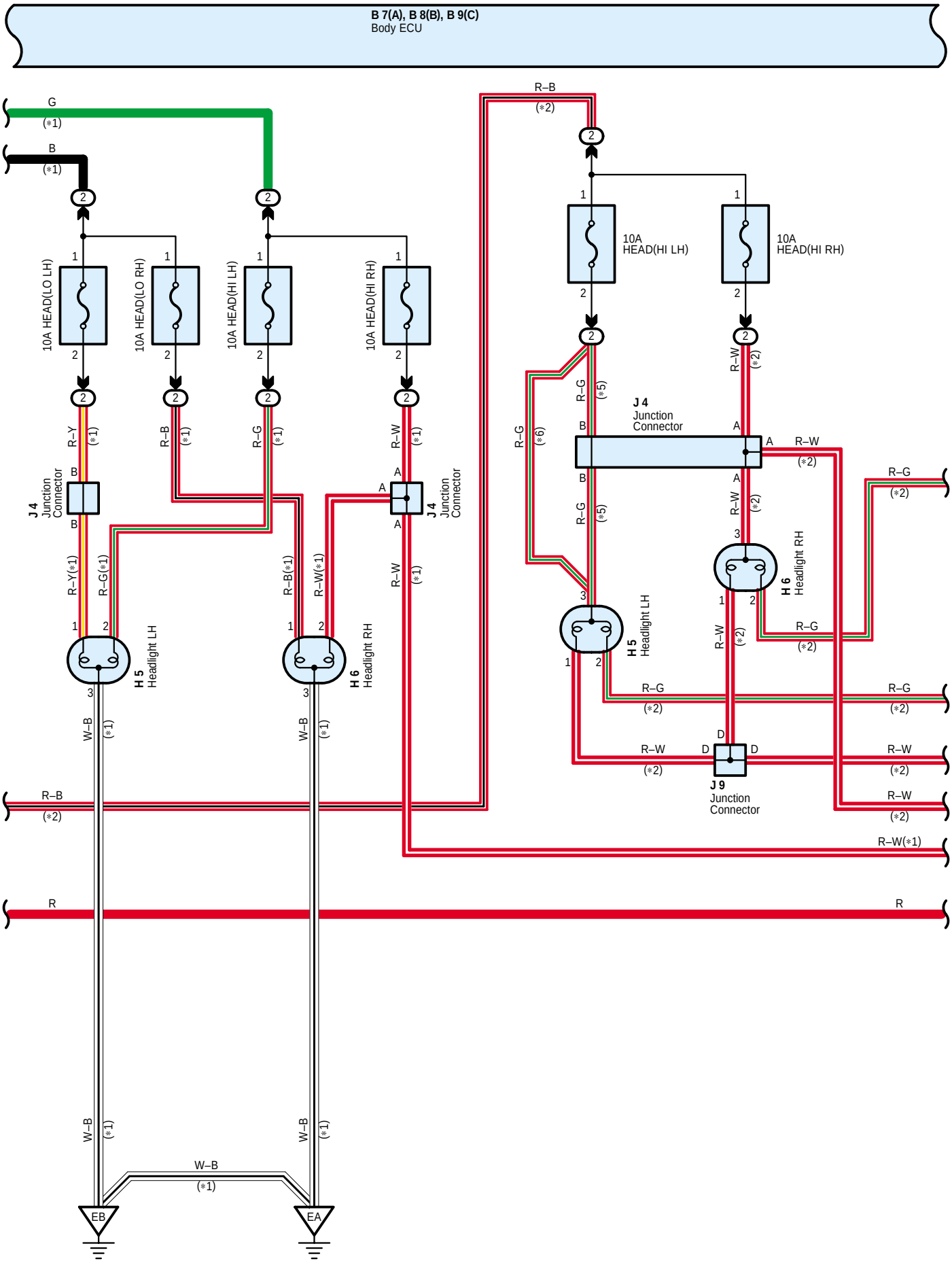
* 1 : w/ Daytime Running Light

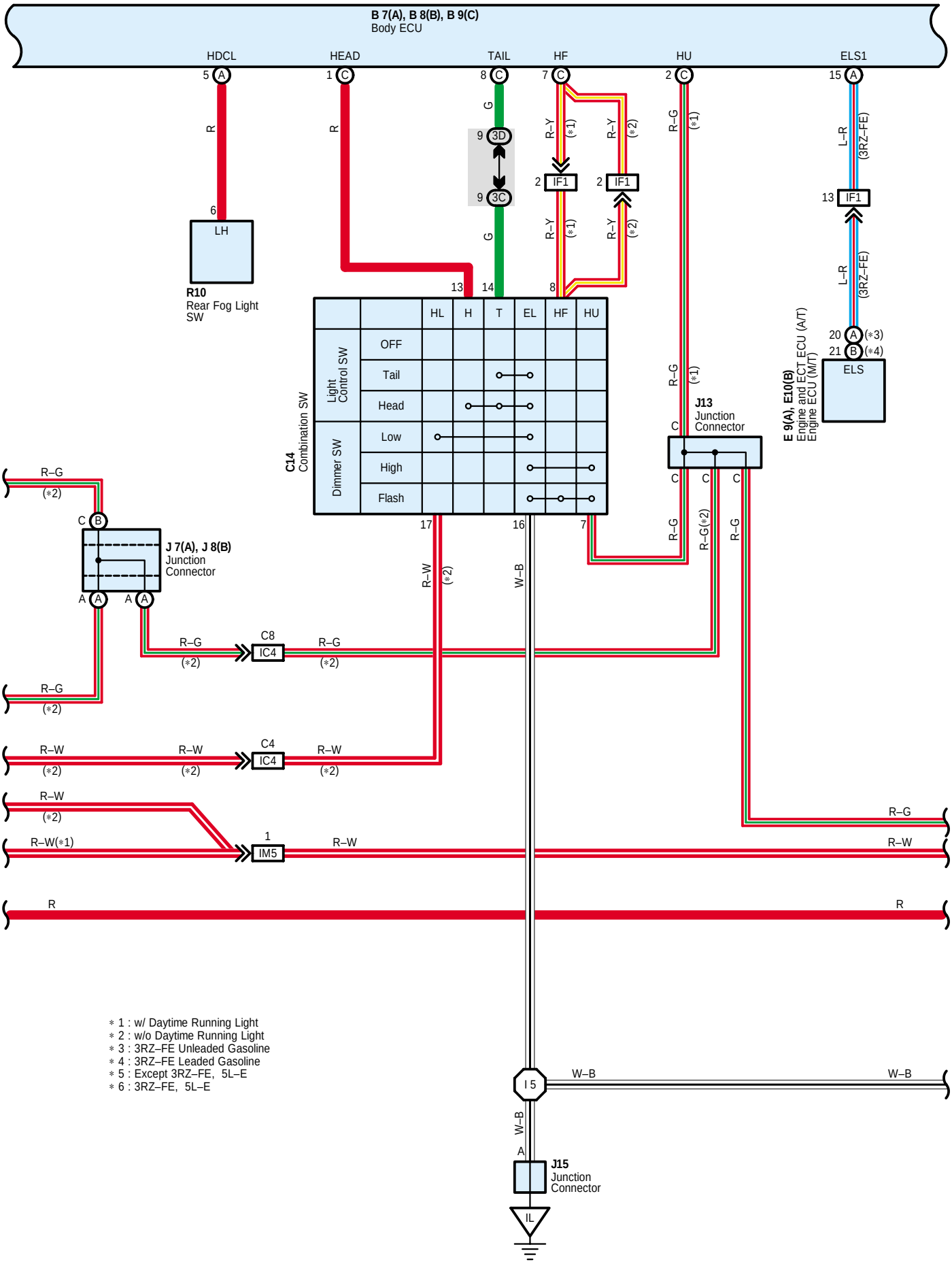

B 7(A), B 8(B), B 9(C)
Body ECU
TOUT
IDL
DEFO
BDR1
TRLY
PWS
GND1
GND2
6 A
28 A
27 A
12
18
21
4
16
B
(*1)
G
(3RZ–FE)
Y–G
(3RZ–FE)
TAIL Relay
30A POWER
POWER Relay
3
2
5
1
2
1
5
1
3
2
9 IE
1 IC
1 IA
2 IH
G–W
L–W
L–Y
W–B
4
PWS
M 9
Moon Roof Control
ECU and Motor
B
(*1)
G
(3RZ–FE)
Y–G
(3RZ–FE)
G–W
L–W
W–B
A
J12
Junction
Connector
IJ

Multiplex Communication System (LHD)

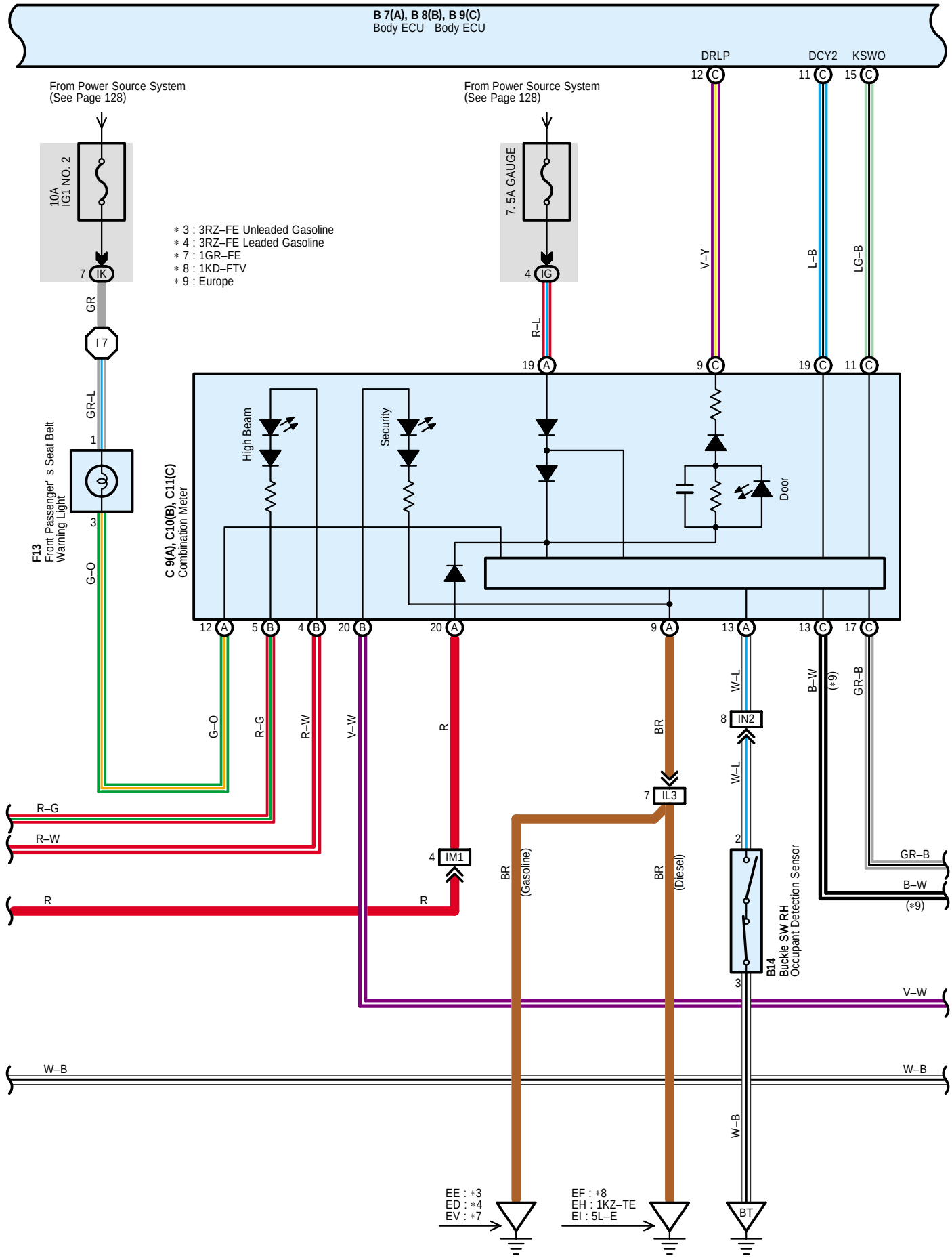


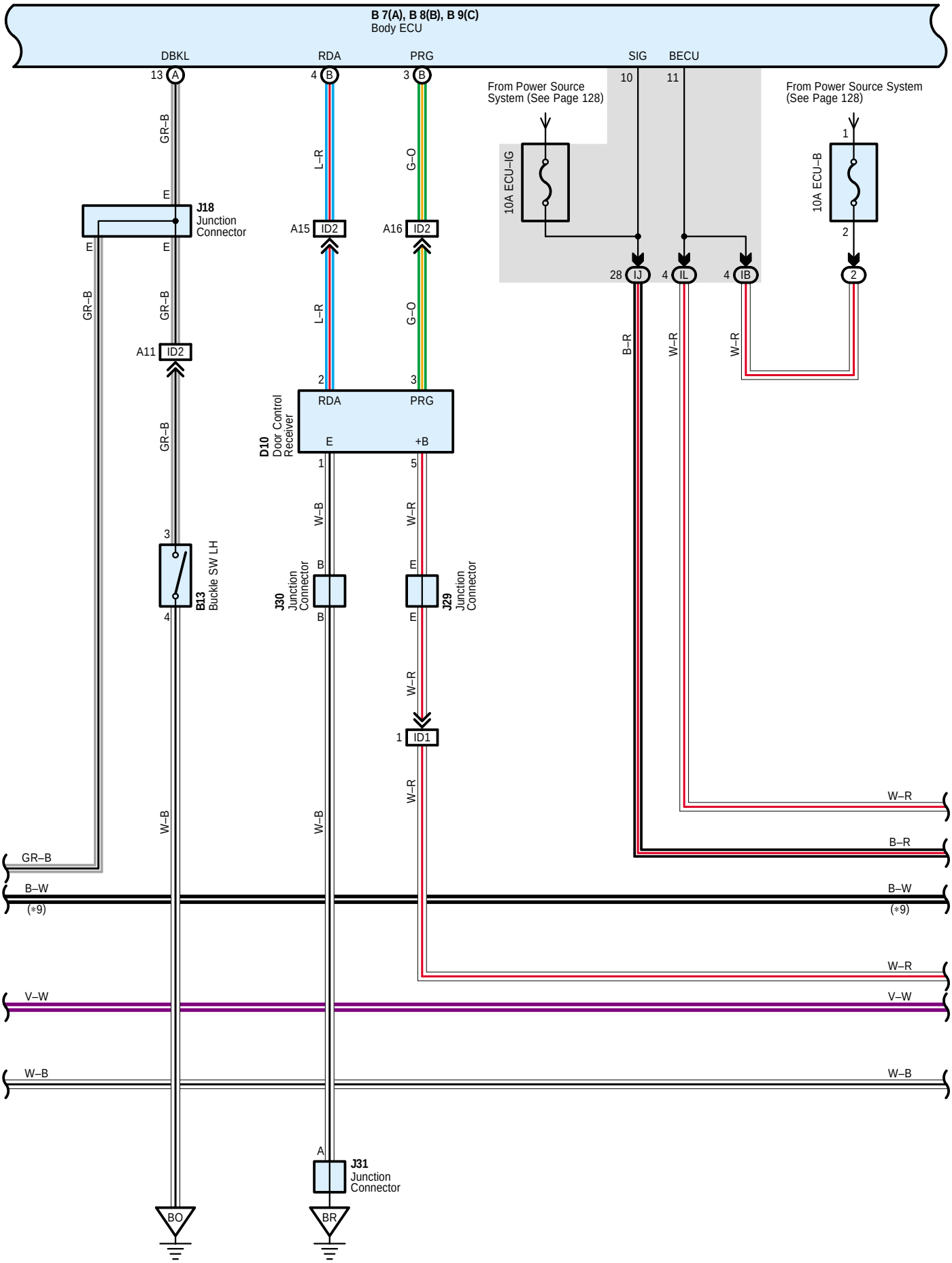

B 7(A), B 8(B), B 9(C)
Body ECU
RCYL
LCYL
PCYL
DCYL
L
HRLY
HR
DRL
D14 Door Courtesy Light Rear RH
D13 Door Courtesy Light Rear LH
D12 Door Courtesy Light Front RH
D11 Door Courtesy Light Front LH
J23 Junction Connector
J 7(A), J 8(B) Junction Connector
DIMMER Relay
HEAD Relay
C15 Combination SW
A19 Alternator
Battery
(1KD–FTV)
(1GR–FE)
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light

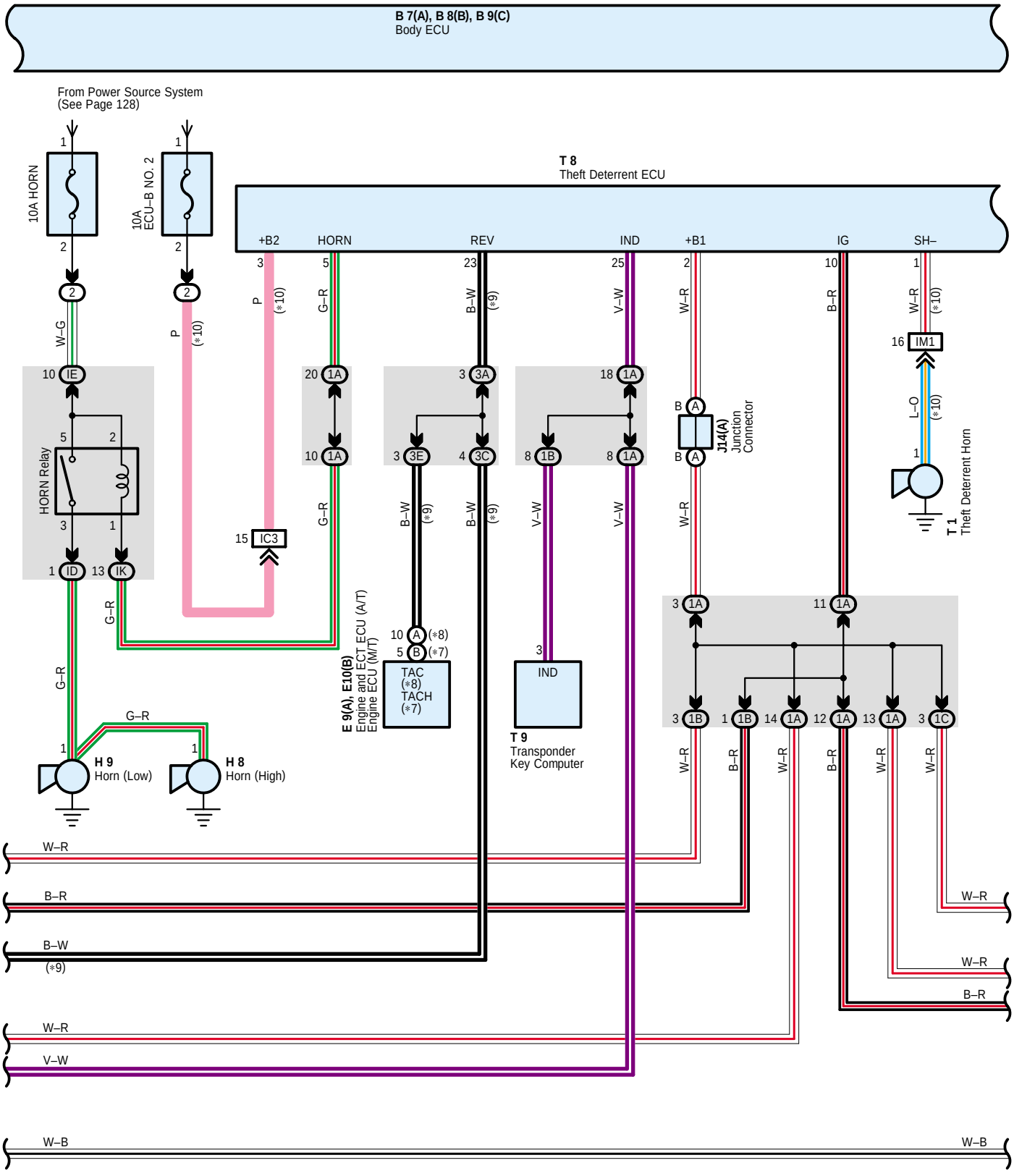

B 7(A), B 8(B), B 9(C)
Body ECU
G
(*1)
B
(*1)
10A HEAD(LO LH)
10A HEAD(LO RH)
10A HEAD(HI LH)
10A HEAD(HI RH)
R–Y
R–B
R–G
R–W
J 4
Junction Connector
R–Y(*1)
R–G(*1)
R–B(*1)
R–W(*1)
H 5
Headlight LH
H 6
Headlight RH
W–B
R–B
(*2)
R–G
(*6)
(*5)
10A HEAD(HI LH)
10A HEAD(HI RH)
J 9
Junction Connector
R–G
(*2)
R–W
(*2)
R
EB
EA

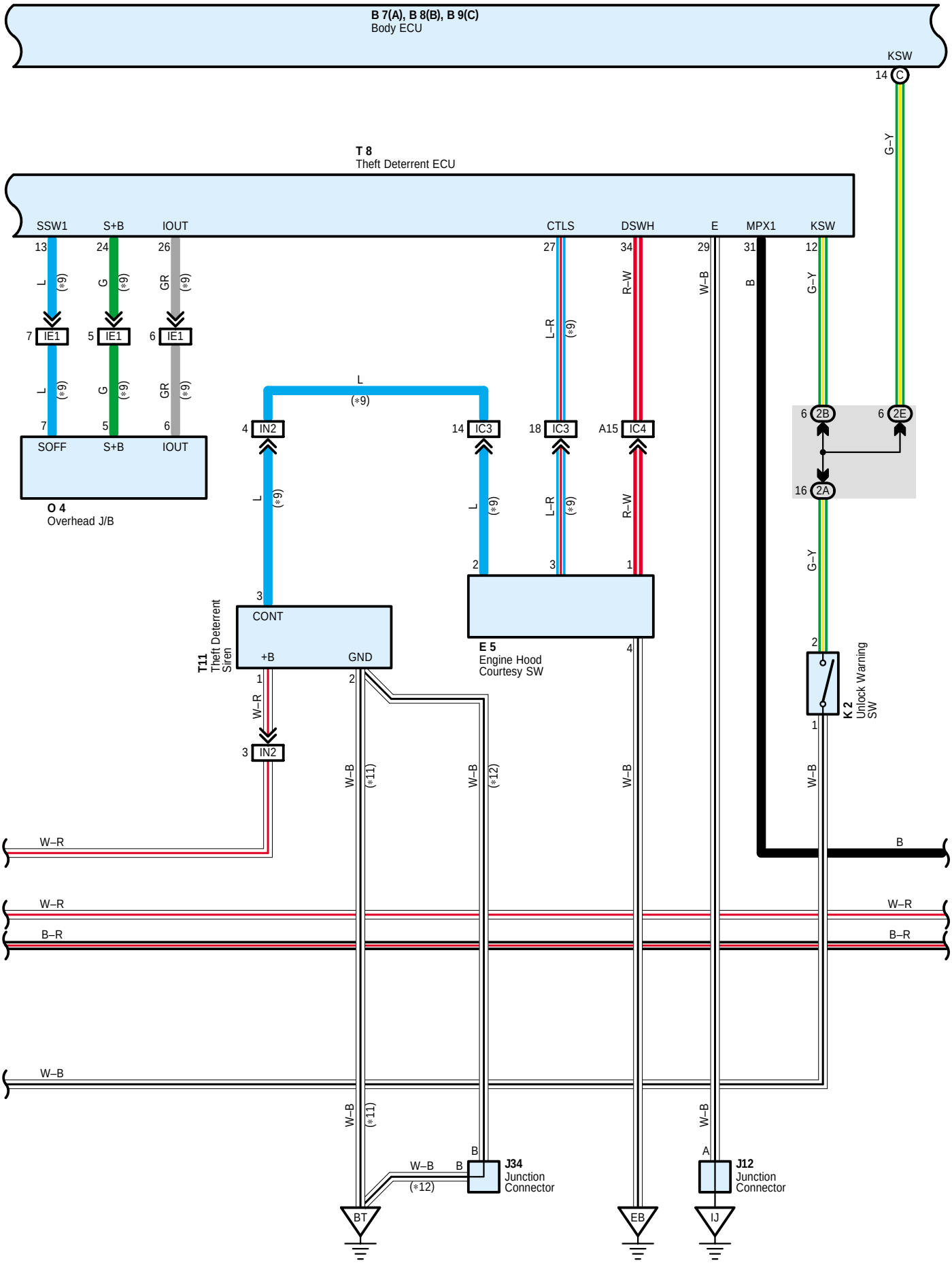

B 7(A), B 8(B), B 9(C)
Body ECU
HDCL
HEAD
TAIL
HF
HU
ELS1
R10
Rear Fog Light SW
LH
C14
Combination SW
Light Control SW
Dimmer SW
HL
H
T
EL
HF
HU
OFF
Tail
Head
Low
High
Flash
J13
Junction Connector
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
ELS
J 7(A), J 8(B)
Junction Connector
C8
IC4
C4
IC4
IM5
I 5
J15
Junction Connector
IL
R–G
R–W
R–Y
L–R
W–B
R
(*1)
(*2)
(*3)
(*4)
(3RZ–FE)
R–W(*1)
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light
* 3 : 3RZ–FE Unleaded Gasoline
* 4 : 3RZ–FE Leaded Gasoline
* 5 : Except 3RZ–FE, 5L–E
* 6 : 3RZ–FE, 5L–E

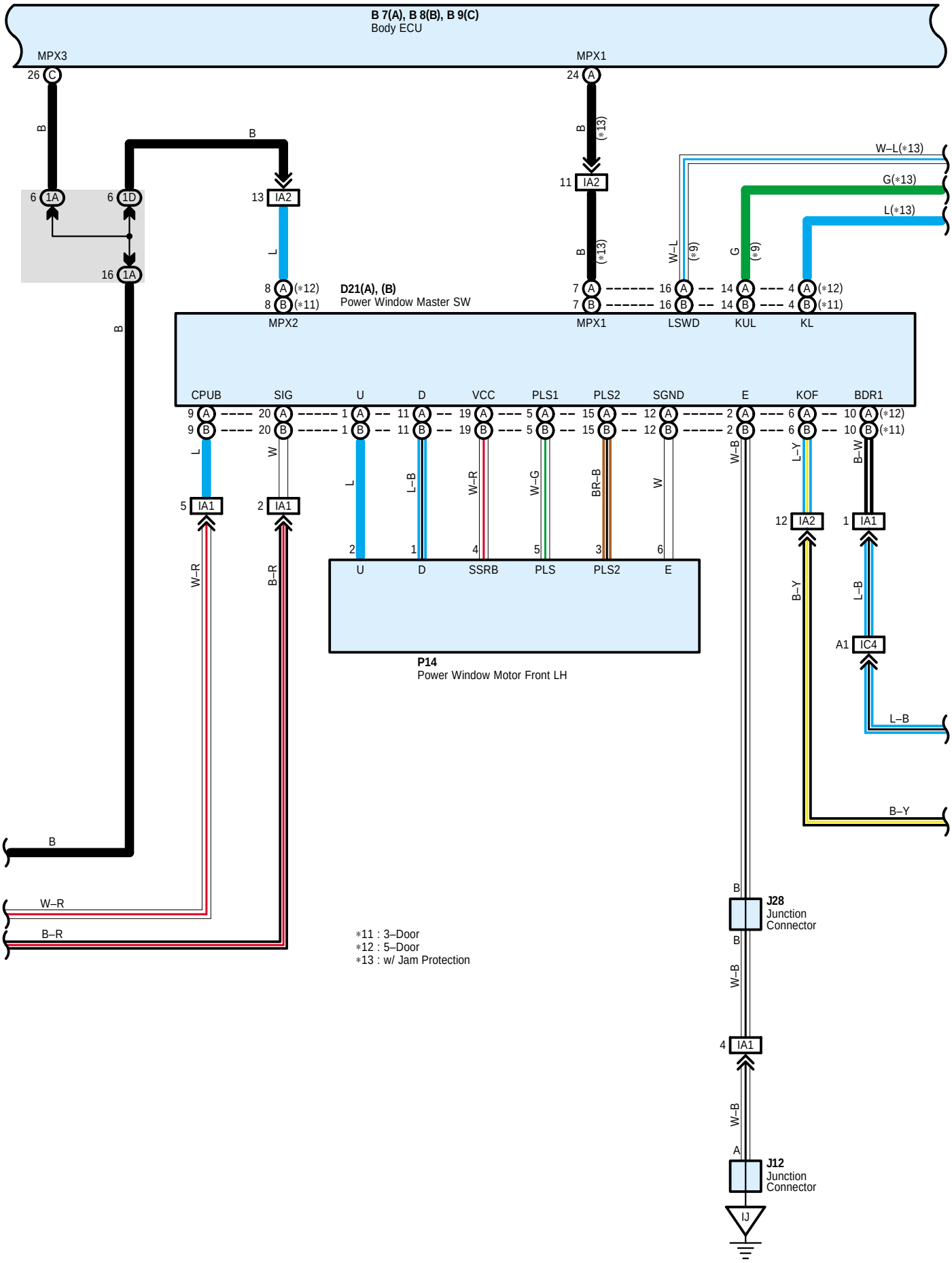
Multiplex Communication System (LHD)

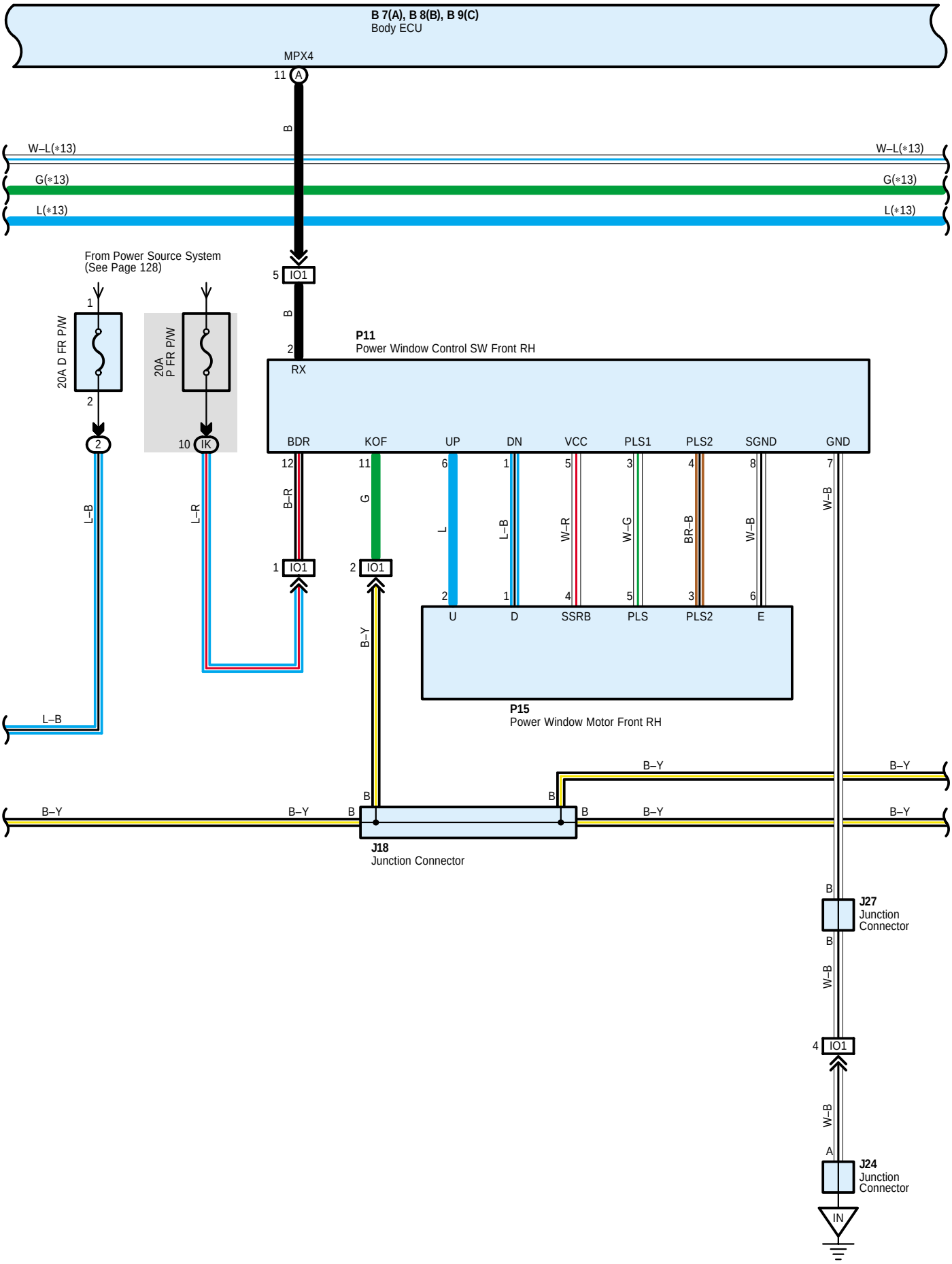



B 7(A), B 8(B), B 9(C)
Body ECU
DBKL
RDA
PRG
SIG
BECU
13 A
4 B
3 B
10
11
From Power Source System (See Page 128)
From Power Source System (See Page 128)
10A ECU–IG
10A ECU–B
1
2
28 IJ
4 IL
4 IB
2
GR–B
L–R
G–O
B–R
W–R
E
J18
Junction Connector
A15 ID2
A16 ID2
A11 ID2
D10
Door Control Receiver
RDA
PRG
E
+B
1
2
3
5
W–B
B
J30
Junction Connector
J29
Junction Connector
3
4
B13
Buckle SW LH
1 ID1
GR–B
B–W
(*9)
V–W
W–B
A
J31
Junction Connector
BO
BR

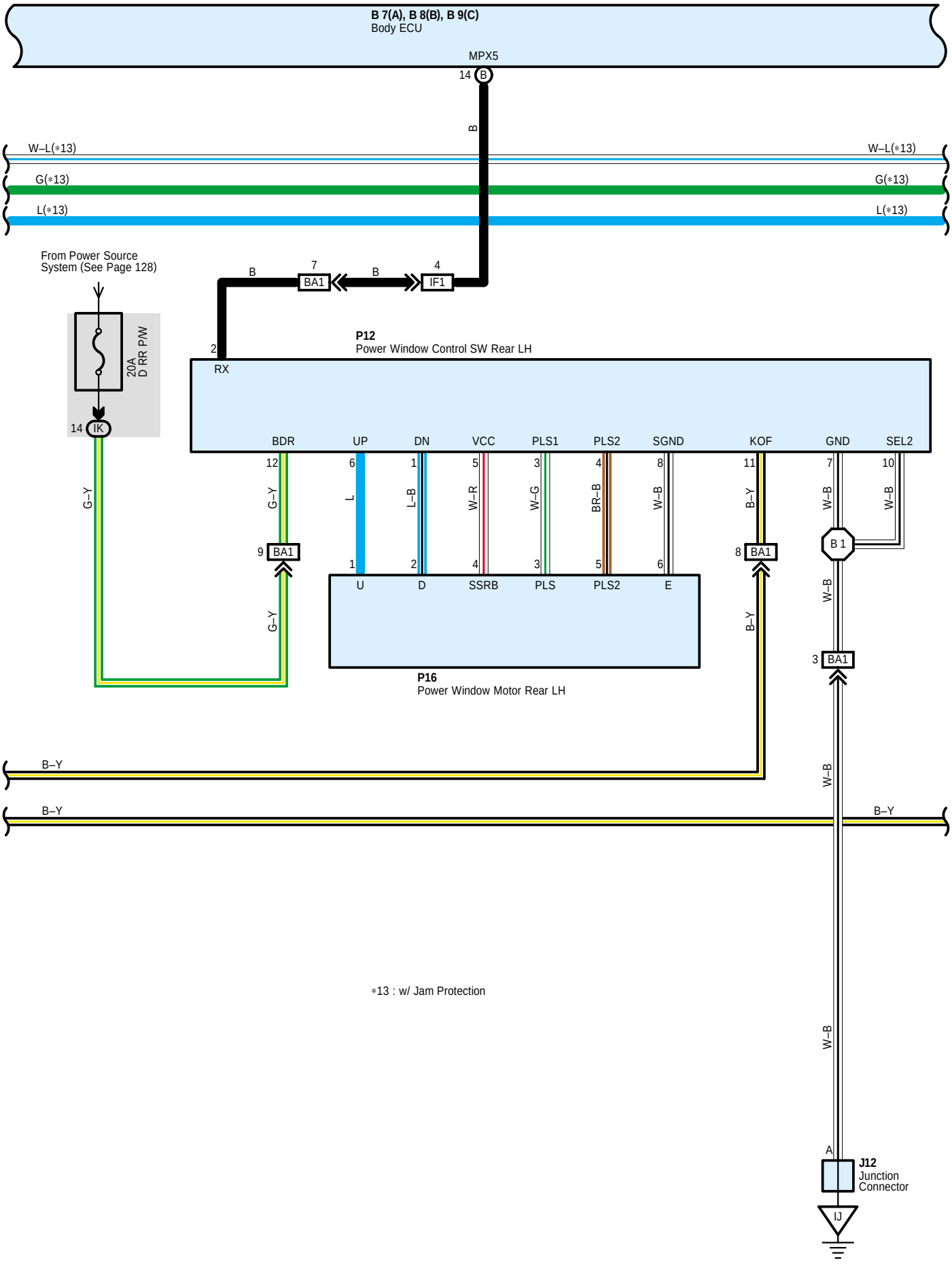

B 7(A), B 8(B), B 9(C)
Body ECU
From Power Source System
(See Page 128)
10A HORN
10A ECU–B NO. 2
T 8
Theft Deterrent ECU
+B2
HORN
REV
IND
+B1
IG
SH–
HORN Relay
IC3
J14(A)
Junction Connector
T 1
Theft Deterrent Horn
E 9(A), E10(B)
Engine and ECT ECU (A/T)
Engine ECU (M/T)
TAC
(*8)
TACH
(*7)
T 9
Transponder
Key Computer
H 9
Horn (Low)
H 8
Horn (High)
W–R
B–R
B–W
(*9)
V–W
W–B
G–R
P
(*10)
L–O
* 7 : 1GR–FE
* 8 : 1KD–FTV
* 9 : Europe
*10 : Except Europe
*11 : 3–Door
*12 : 5–Door

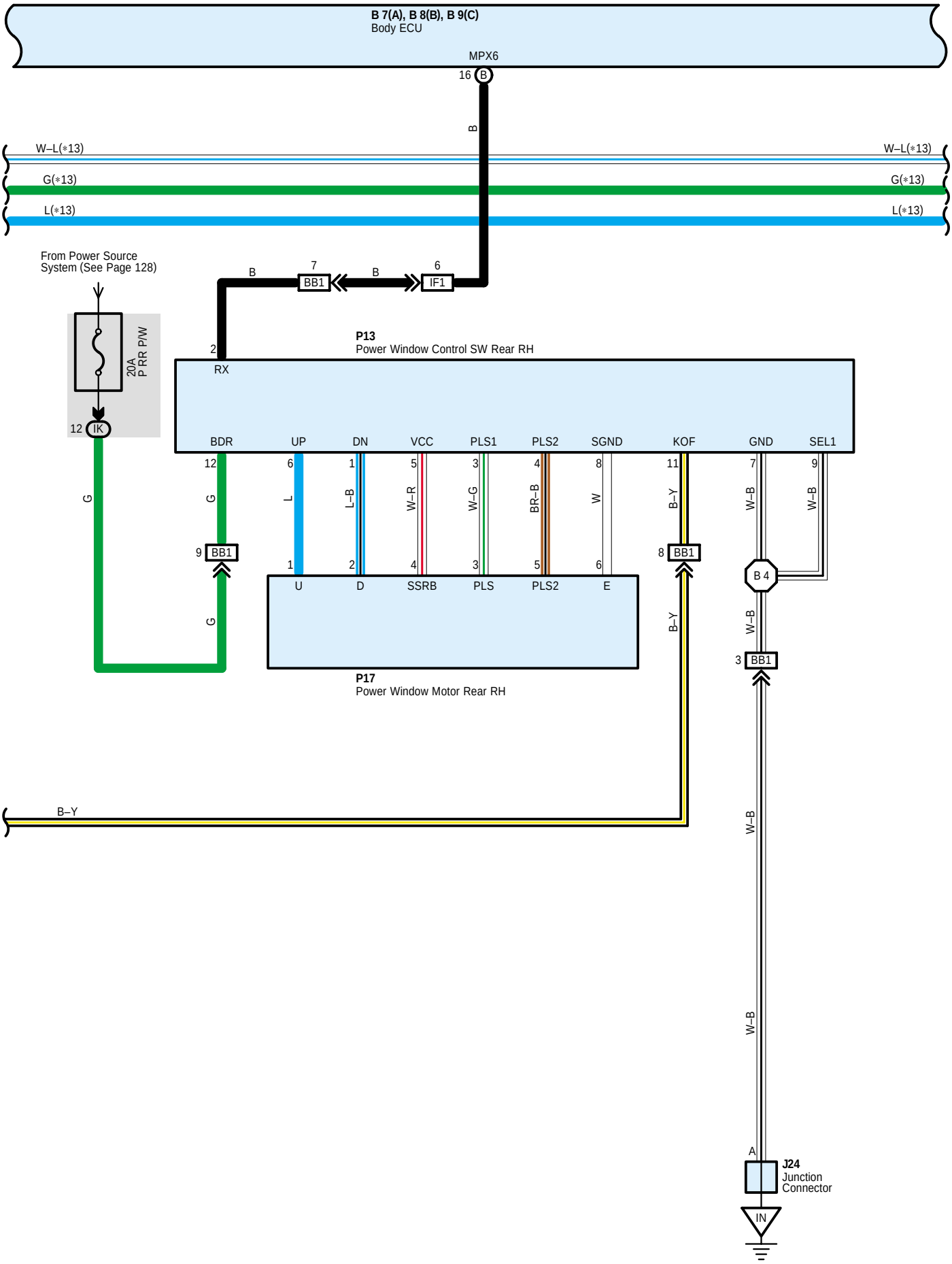

B 7(A), B 8(B), B 9(C)
Body ECU
KSW
14 C
G–Y
T 8
Theft Deterrent ECU
SSW1
S+B
IOUT
CTLS
DSWH
E
MPX1
KSW
13
24
26
27
34
29
31
12
L
G
GR
L–R
R–W
W–B
B
G–Y
(*9)
7 IE1
5 IE1
6 IE1
7
5
6
SOFF
S+B
IOUT
O 4
Overhead J/B
4 IN2
14 IC3
18 IC3
A15 IC4
6 2B
6 2E
16 2A
3
CONT
+B
GND
T11
Theft Deterrent
Siren
2
3
1
E 5
Engine Hood
Courtesy SW
4
K 2
Unlock Warning
SW
W–R
B
B–R
(*11)
(*12)
BT
EB
IJ
J34
Junction
Connector
J12
Junction
Connector


B 7(A), B 8(B), B 9(C)
Body ECU
MPX3
MPX1
26 C
24 A
B
B (*13)
11 IA2
W–L(*13)
G(*13)
L(*13)
W–L (*9)
G (*9)
6 1A
6 1D
13 IA2
16 1A
L
8 A (*12)
8 B (*11)
D21(A), (B)
Power Window Master SW
7 A
7 B
16 A
16 B
14 A
14 B
4 A (*12)
4 B (*11)
MPX2
MPX1
LSWD
KUL
KL
CPUB
SIG
U
D
VCC
PLS1
PLS2
SGND
E
KOF
BDR1
9 A
9 B
20 A
20 B
1 A
1 B
11 A
11 B
19 A
19 B
5 A
5 B
15 A
15 B
12 A
12 B
2 A
2 B
6 A
6 B
10 A (*12)
10 B (*11)
W
L–B
W–R
W–G
BR–B
W–B
L–Y
B–W
5 IA1
2 IA1
12 IA2
1 IA1
2
1
4
5
3
6
U
D
SSRB
PLS
PLS2
E
P14
Power Window Motor Front LH
B–R
B–Y
A1 IC4
L–B
B
W–R
B–R
*11 : 3–Door
*12 : 5–Door
*13 : w/ Jam Protection
J28
Junction
Connector
4 IA1
J12
Junction
Connector
IJ

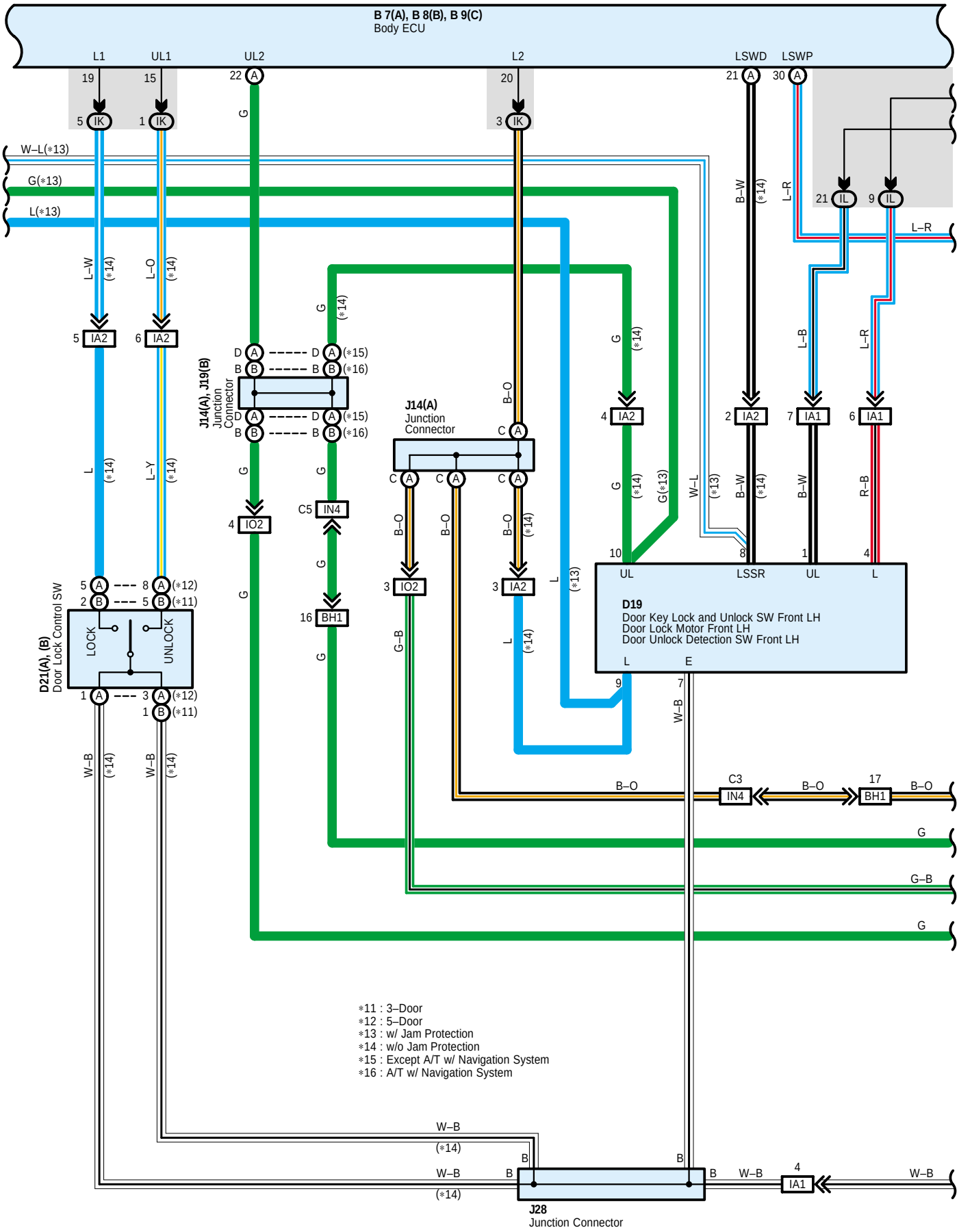

B 7(A), B 8(B), B 9(C)
Body ECU
MPX4
11 A
B
W–L(*13)
G(*13)
L(*13)
W–L(*13)
G(*13)
L(*13)
From Power Source System
(See Page 128)
20A D FR P/W
20A P FR P/W
1
2
5 IO1
B
2
RX
P11
Power Window Control SW Front RH
BDR
KOF
UP
DN
VCC
PLS1
PLS2
SGND
GND
12
11
6
1
5
3
4
8
7
B–R
G
L
L–B
W–R
W–G
BR–B
W–B
W–B
1 IO1
2 IO1
2
1
4
5
3
6
U
D
SSRB
PLS
PLS2
E
P15
Power Window Motor Front RH
2
10 IK
L–B
L–R
L–B
B–Y
B–Y
B–Y
B–Y
B–Y
B
B
B
B
J18
Junction Connector
B
J27
Junction
Connector
B
W–B
4 IO1
W–B
A
J24
Junction
Connector
IN

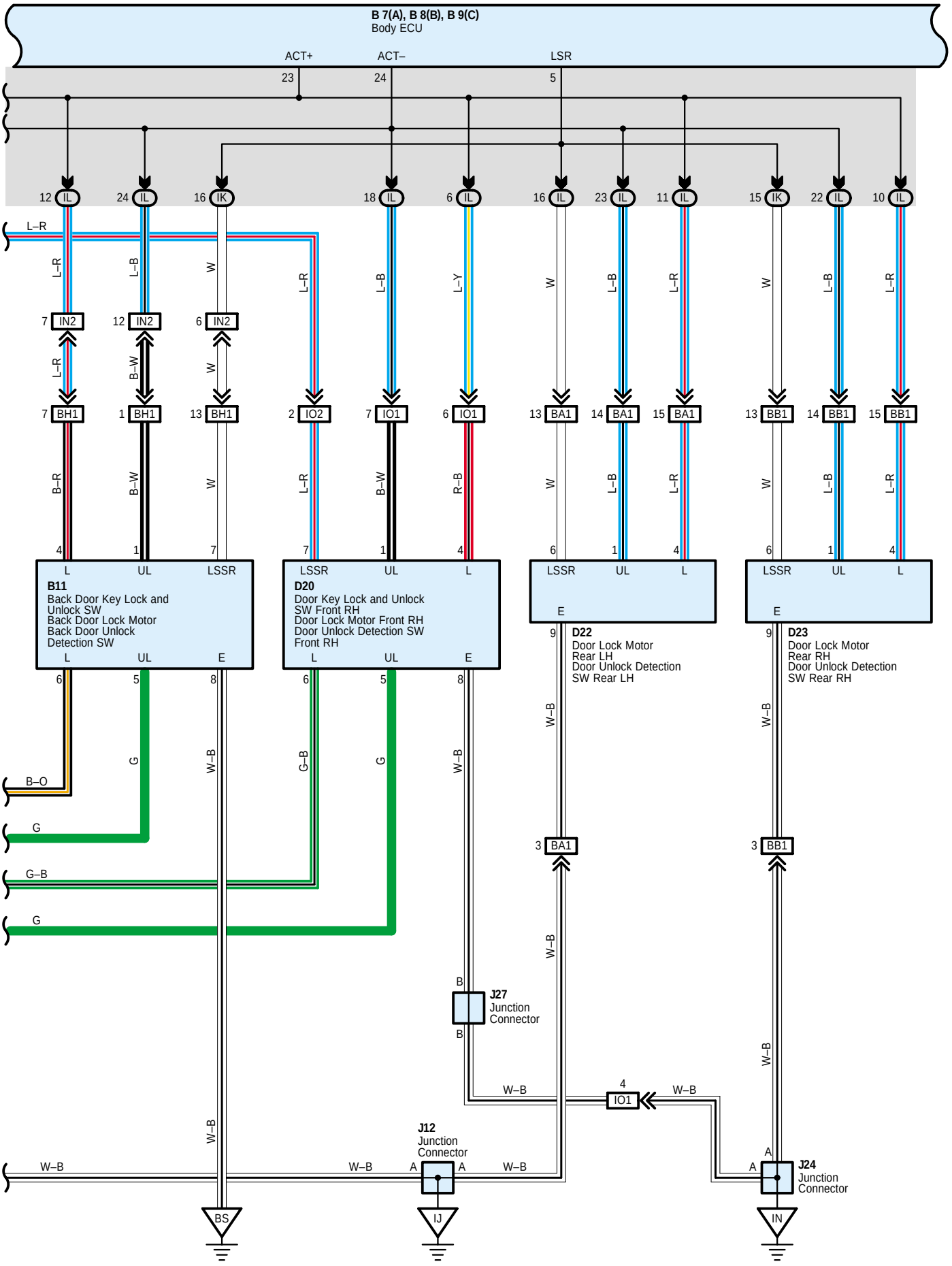
Multiplex Communication System (LHD)



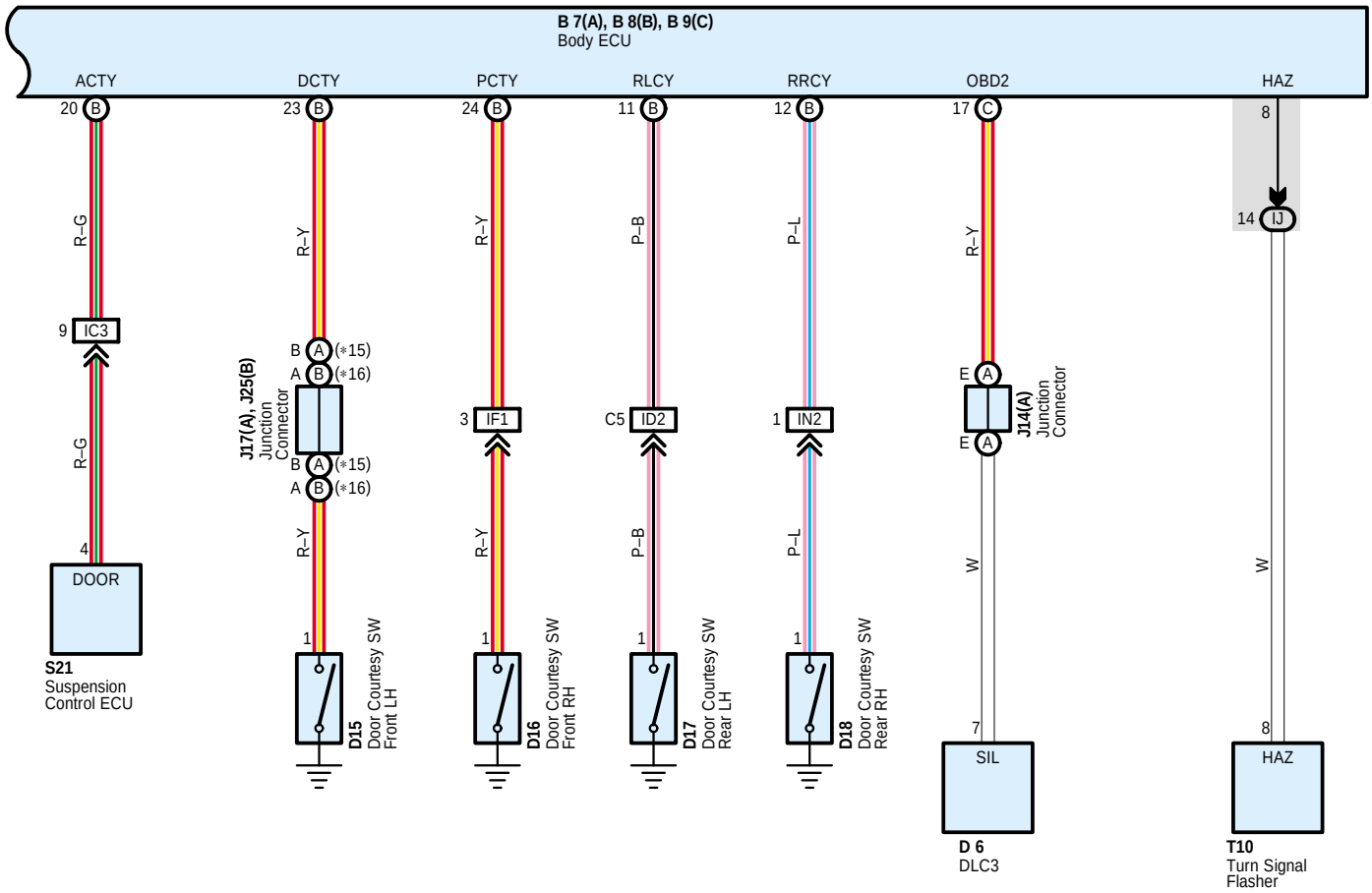

B 7(A), B 8(B), B 9(C)
Body ECU
MPX6
16 B
B
W–L(*13)
G(*13)
L(*13)
From Power Source System (See Page 128)
B
7
BB1
B
6
IF1
20A P RR P/W
2
RX
12 IK
P13
Power Window Control SW Rear RH
BDR
UP
DN
VCC
PLS1
PLS2
SGND
KOF
GND
SEL1
12
6
1
5
3
4
8
11
7
9
G
L
L–B
W–R
W–G
BR–B
W
B–Y
W–B
9 BB1
8 BB1
1
2
4
3
5
6
U
D
SSRB
PLS
PLS2
E
P17
Power Window Motor Rear RH
B 4
3 BB1
B–Y
A
J24
Junction Connector
IN

Multiplex Communication System (LHD)




B 7(A), B 8(B), B 9(C)
Body ECU
ACT+
ACT–
LSR
23
24
5
B11
Back Door Key Lock and Unlock SW
Back Door Lock Motor
Back Door Unlock Detection SW
D20
Door Key Lock and Unlock SW Front RH
Door Lock Motor Front RH
Door Unlock Detection SW Front RH
D22
Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
D23
Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH
J27
Junction Connector
J12
Junction Connector
J24
Junction Connector
BS
IJ
IN

Multiplex Communication System (LHD)



*15 : Except A/T w/ Navigation System
*16 : A/T w/ Navigation System