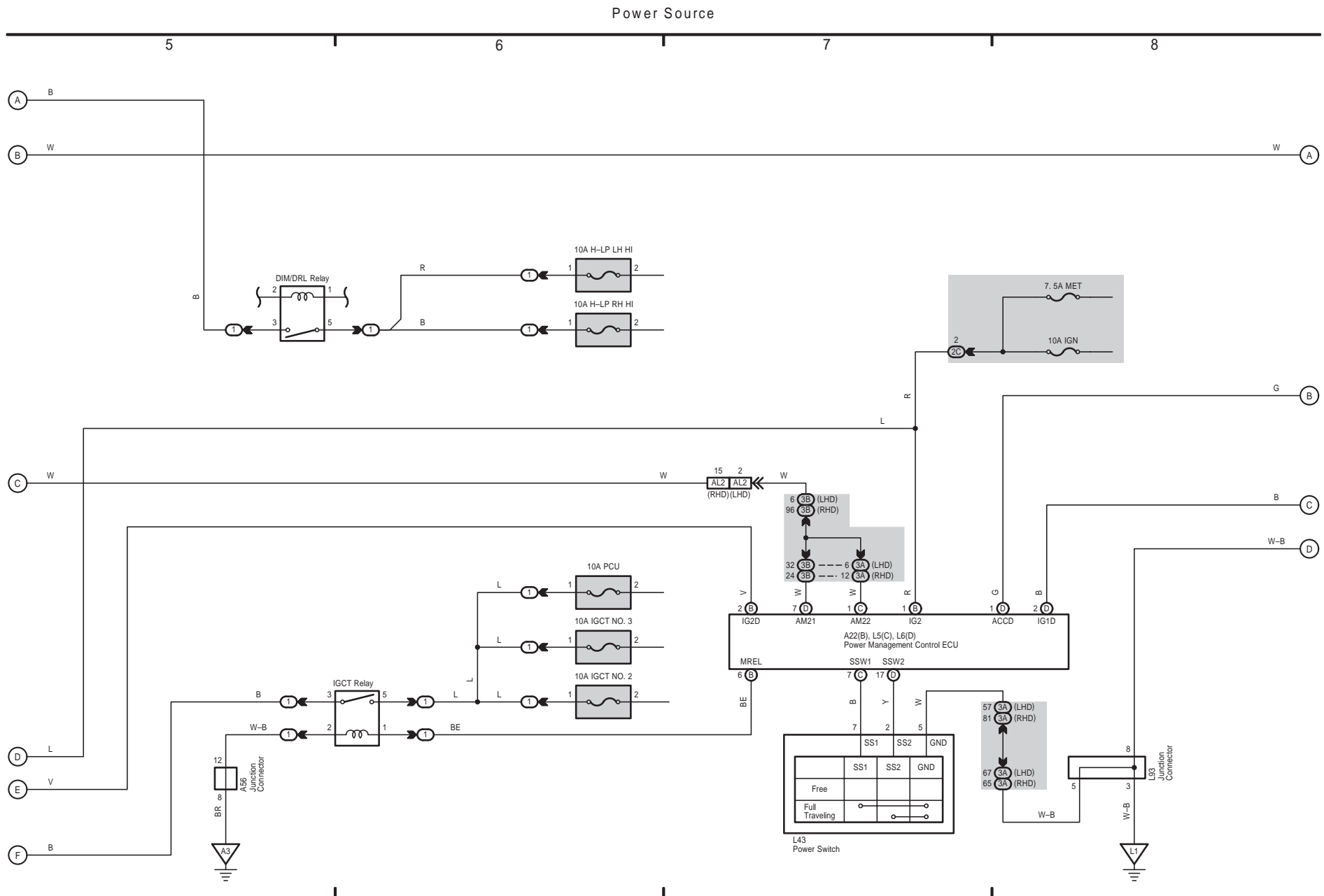


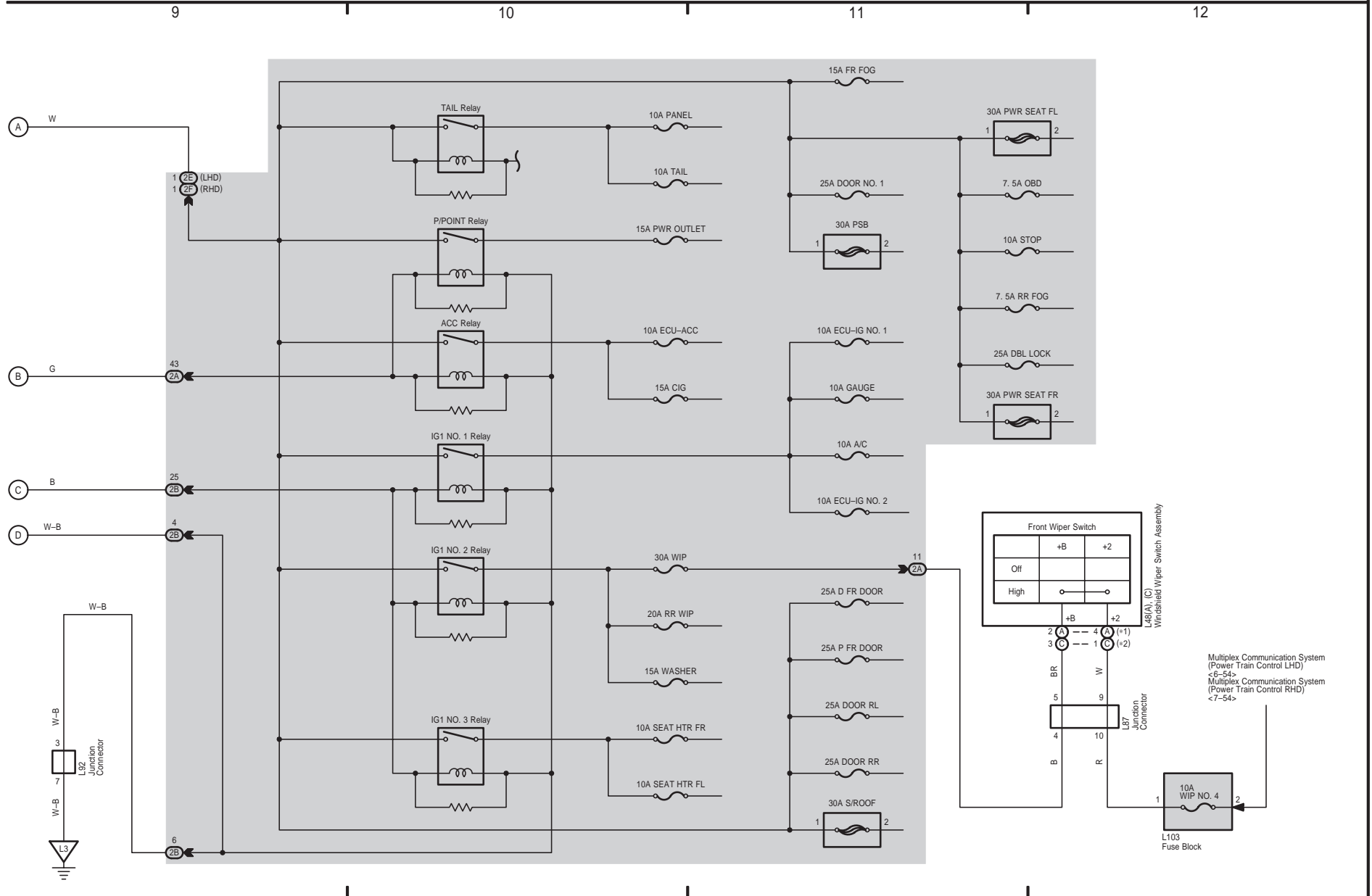
PRIUS (EM12A0E)



1 PRIUS (Cont' d)

Power Source

* 1 : Light Control Switch LH Side Type
 * 2 : Light Control Switch RH Side Type

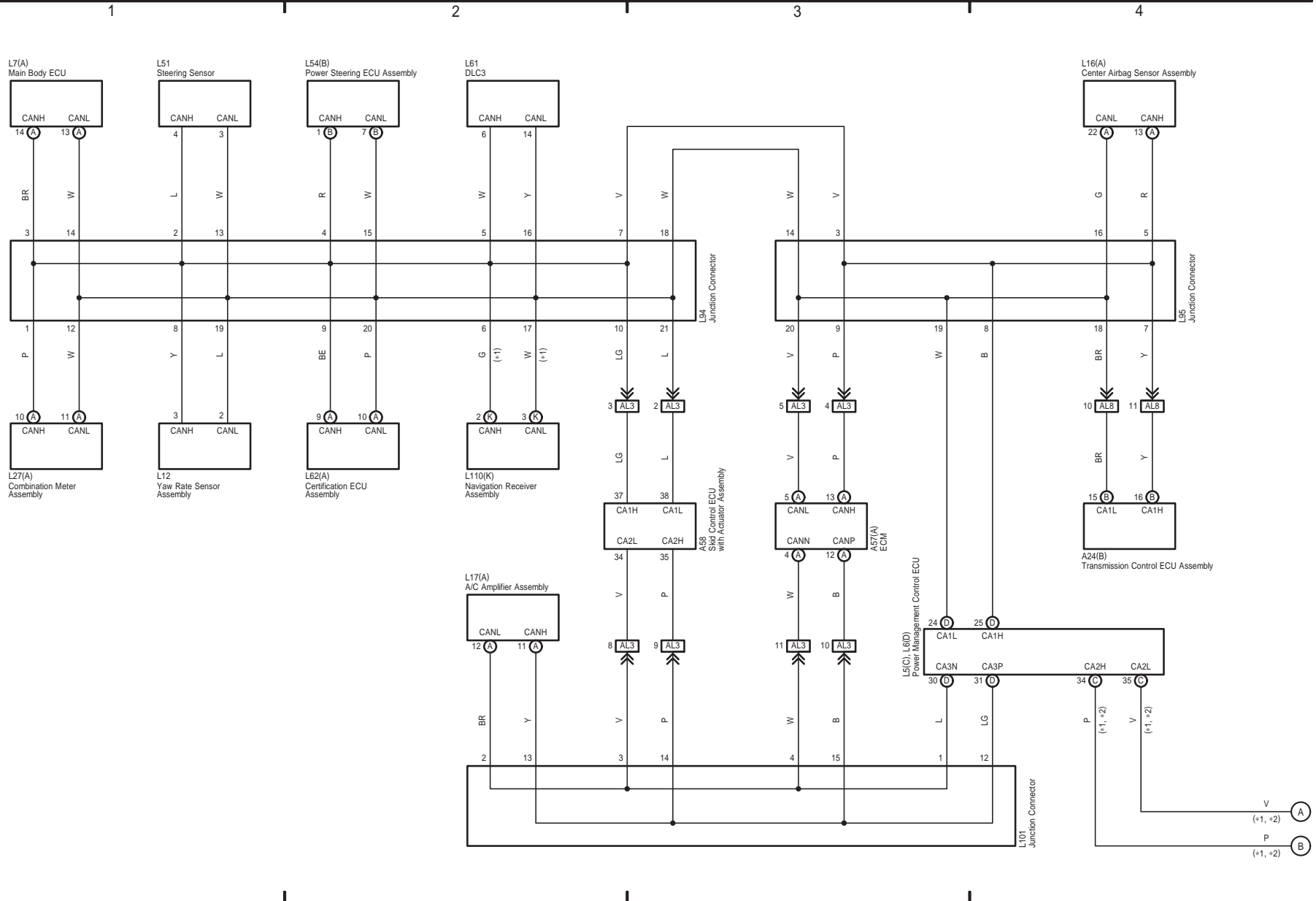


PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (CAN LHD)

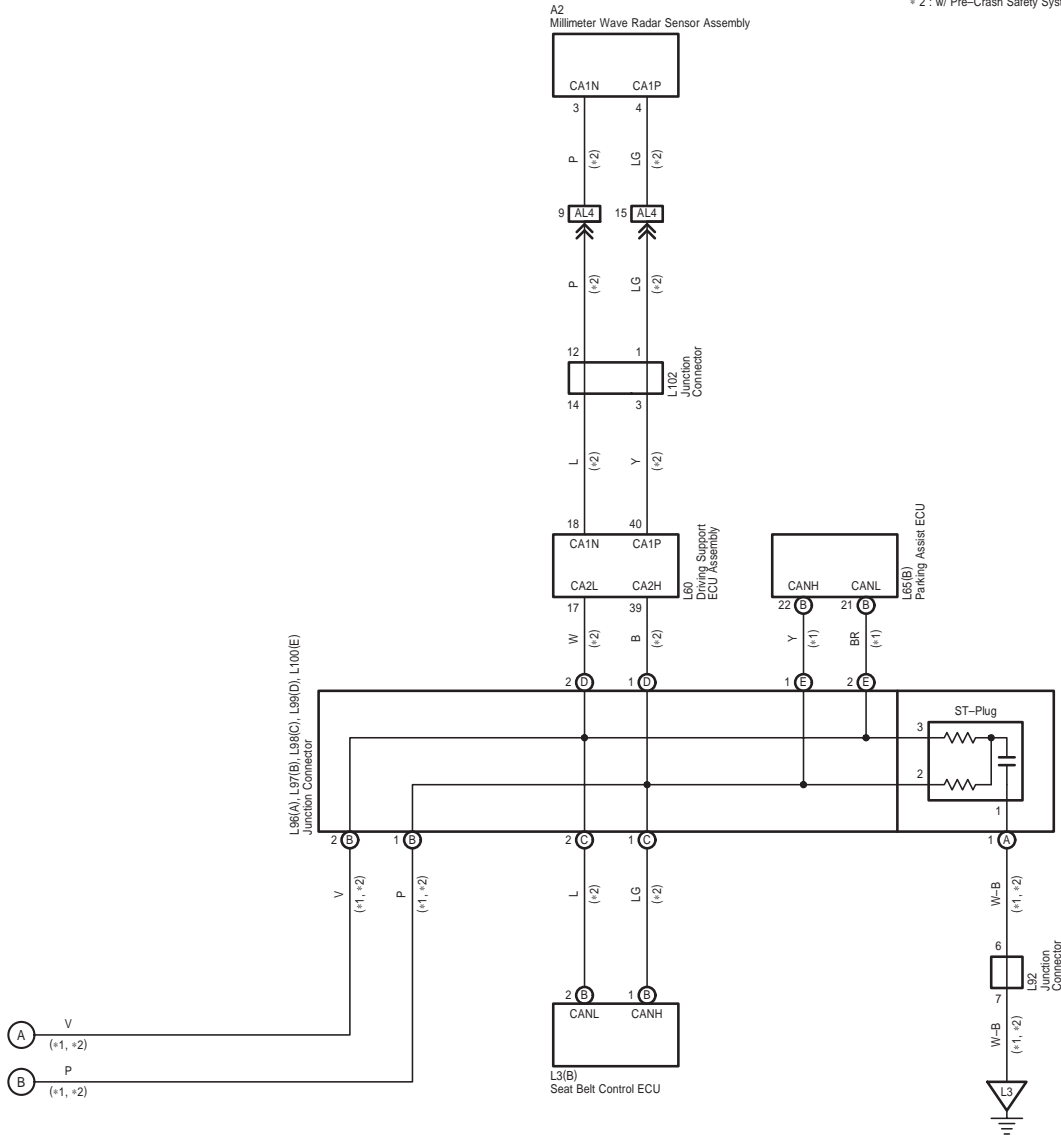
* 1 : w/ Intelligent Parking Assist
* 2 : w/ Pre-Crash Safety System



Multiplex Communication System (CAN LHD)

5 6 7 8

* 1 : w/ Intelligent Parking Assist
 * 2 : w/ Pre-Crash Safety System



PRIUS (EM12A0E)

3 PRIUS

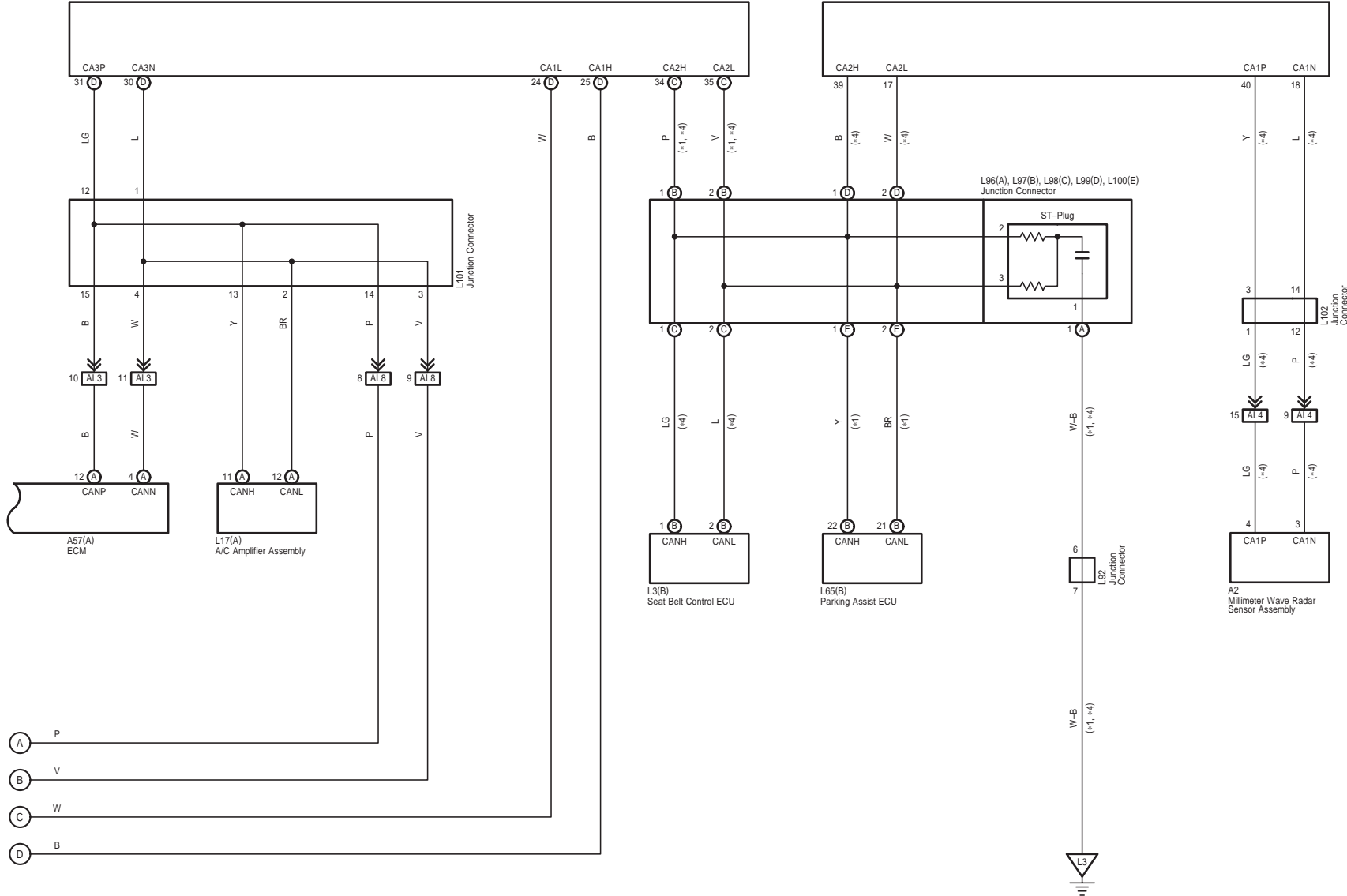
Multiplex Communication System (CAN RHD)

* 1 : w/ Navigation System
 * 4 : w/ Pre-Crash Safety System

5 6 7 8

L5(C), L6(D)
 Power Management Control ECU

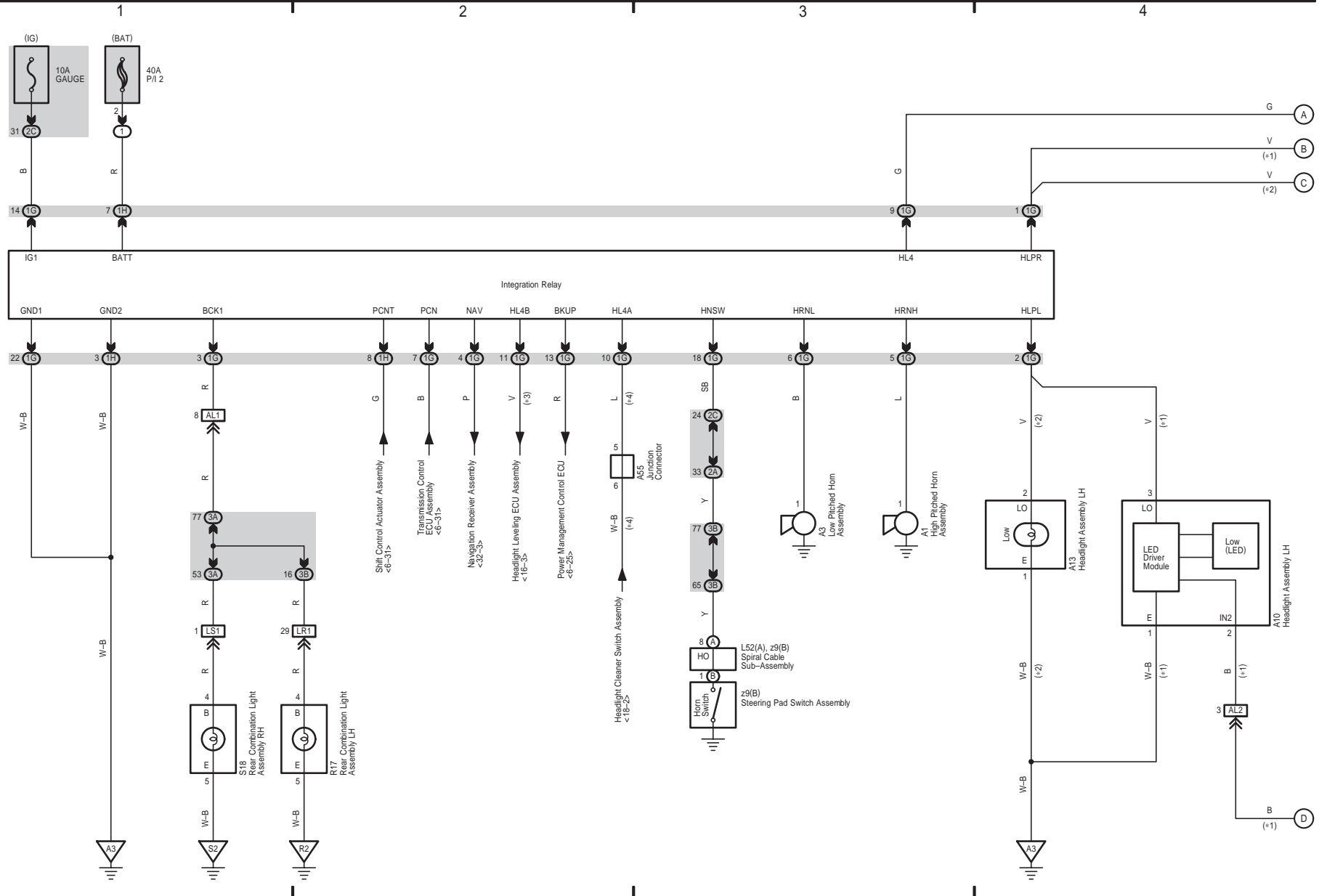
L60
 Driving Support ECU Assembly



PRIUS (EM12A0E)

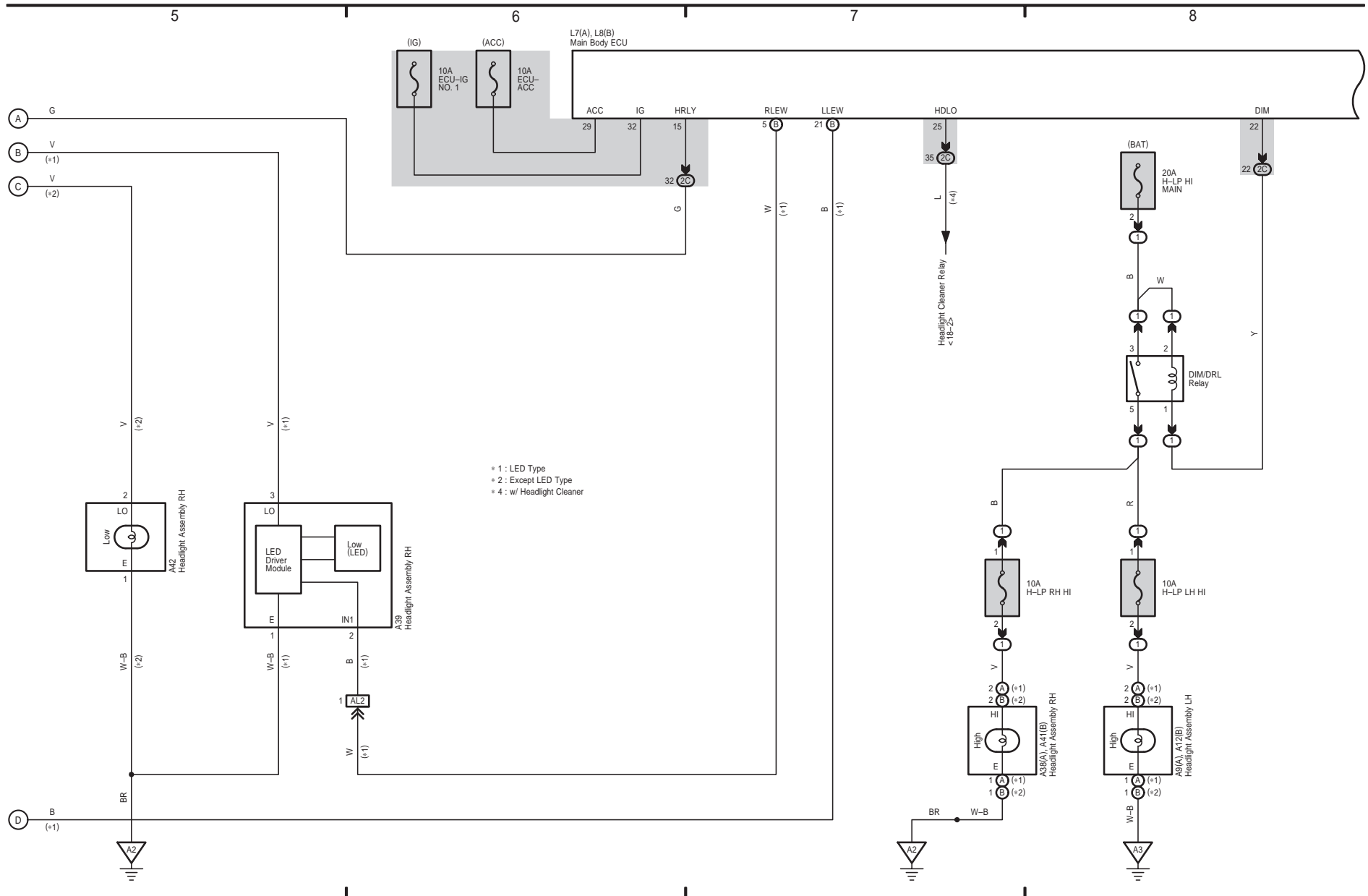
Multiplex Communication System (Body Control LHD)

- * 1 : LED Type
- * 2 : Except LED Type
- * 3 : w/ Headlight Beam Level Control (Automatic)
- * 4 : w/ Headlight Cleaner



PRIUS (EM12A0E)

Multiplex Communication System (Body Control LHD)

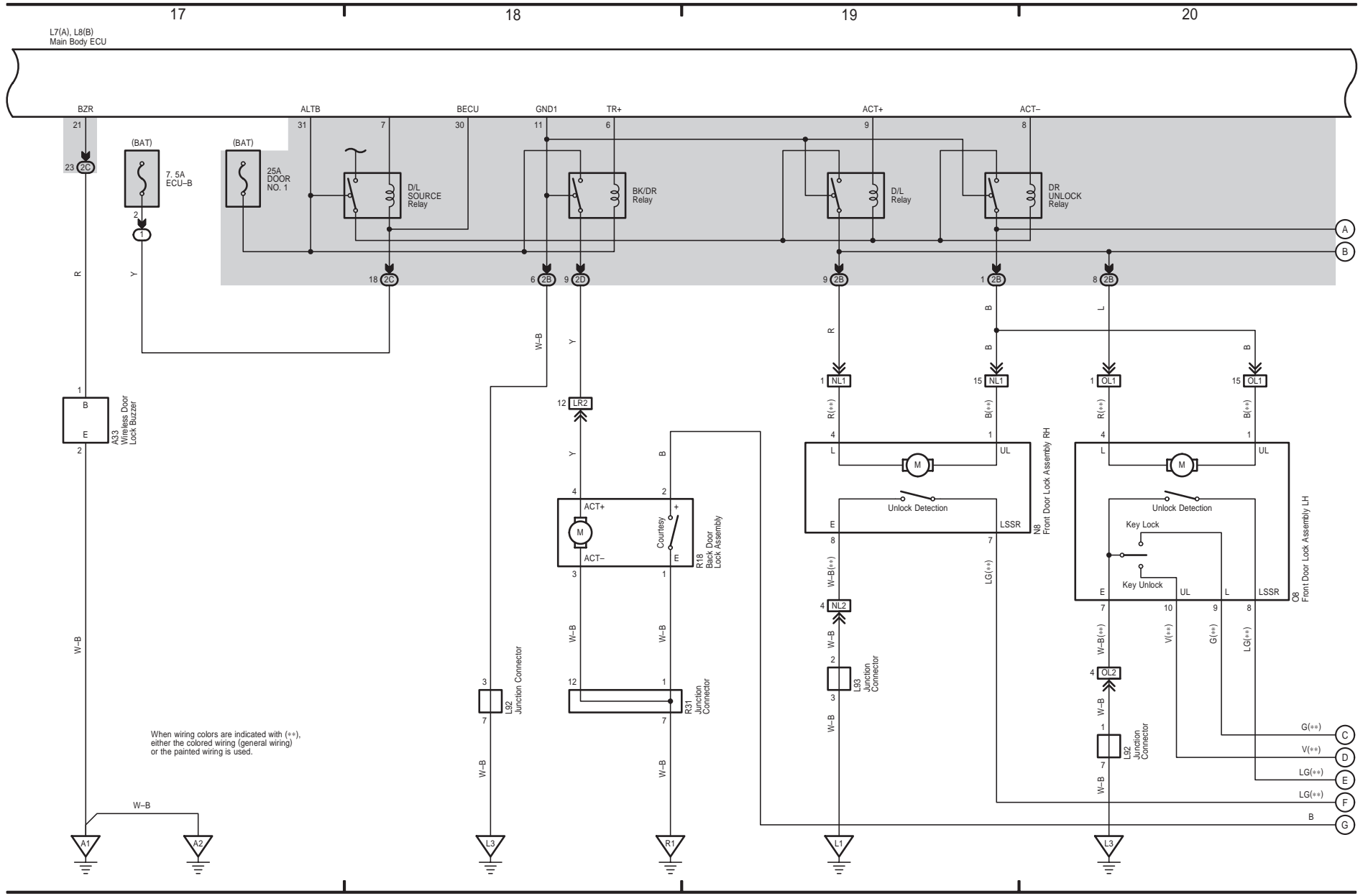


PRIUS (EM12A0E)

Multiplex Communication System (Body Control LHD)

PRIUS (EM12A0E)

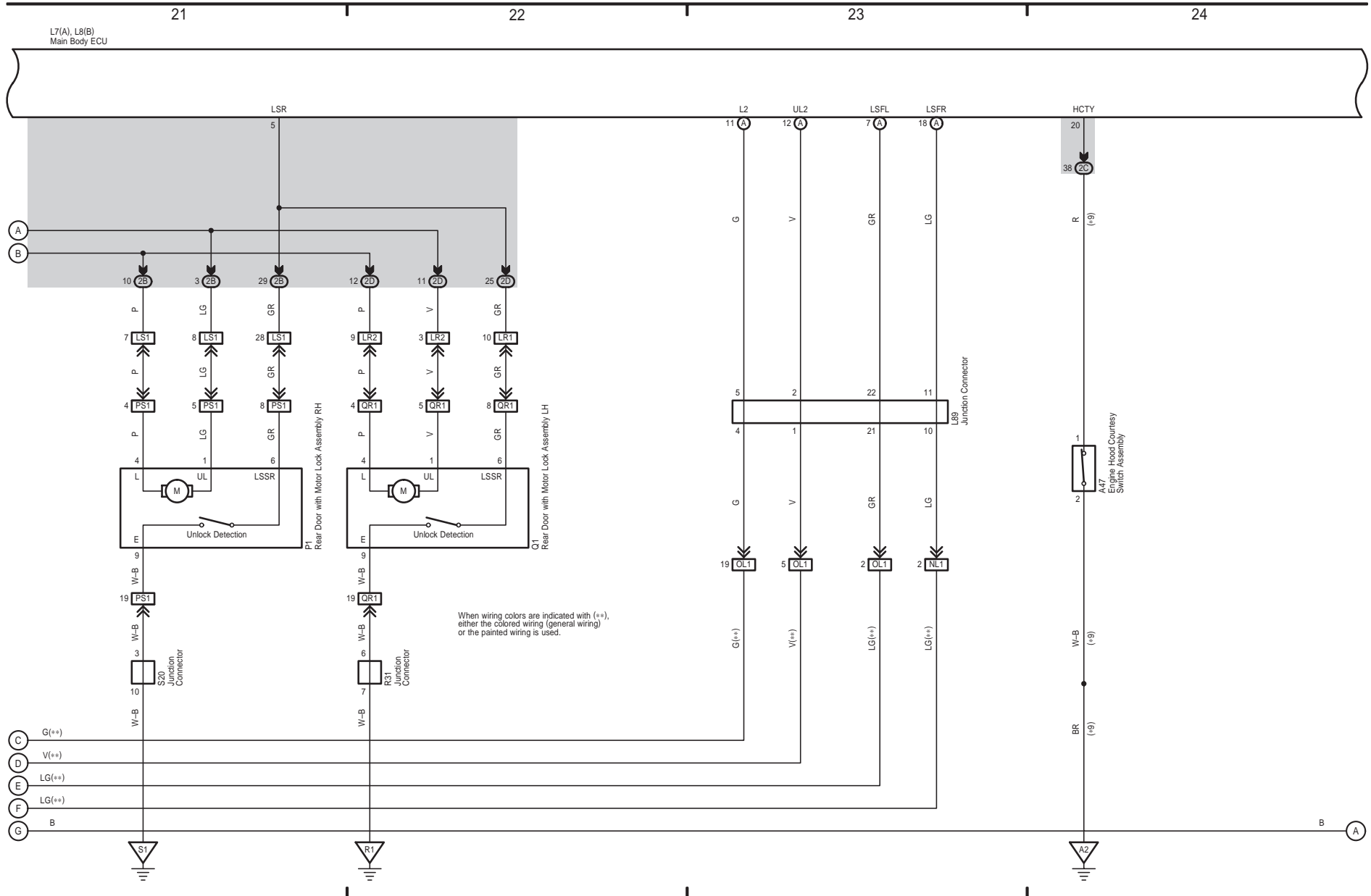
OVERALL ELECTRICAL WIRING DIAGRAM



Multiplex Communication System (Body Control LHD)

*9 : w/ Remote Air Conditioner System

PRIUS (EM12A0E)



Multiplex Communication System (Body Control LHD)

*10 : w/ No. 1 Interior Illumination Light Assembly

L7(A), L8(B)
Main Body ECU

25

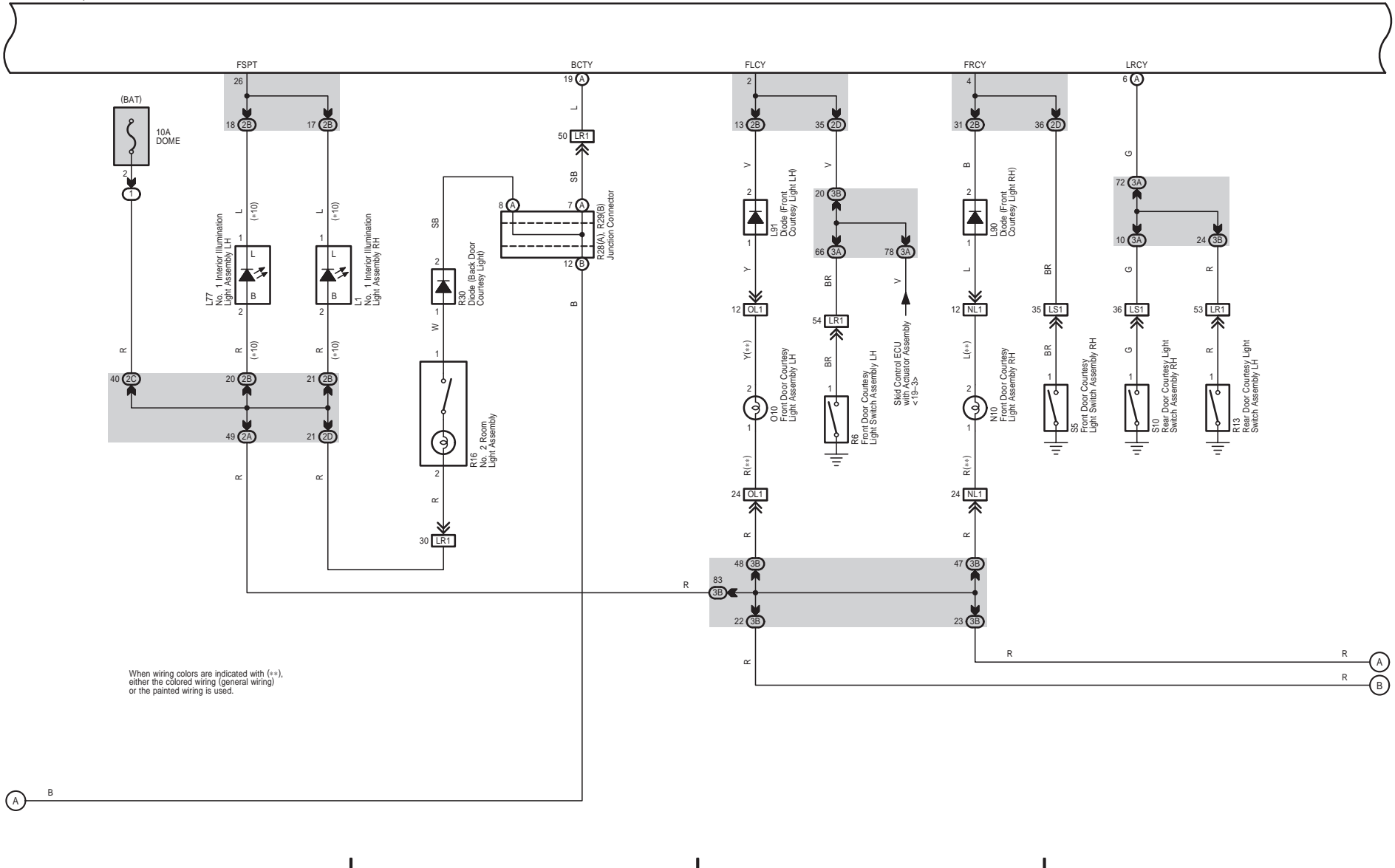
26

27

28

PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM



(A) B

(A)
(B)

Multiplex Communication System (Body Control LHD)

+11 : w/ Sliding Roof
+12 : w/o Sliding Roof

L7(A), L8(B)
Main Body ECU

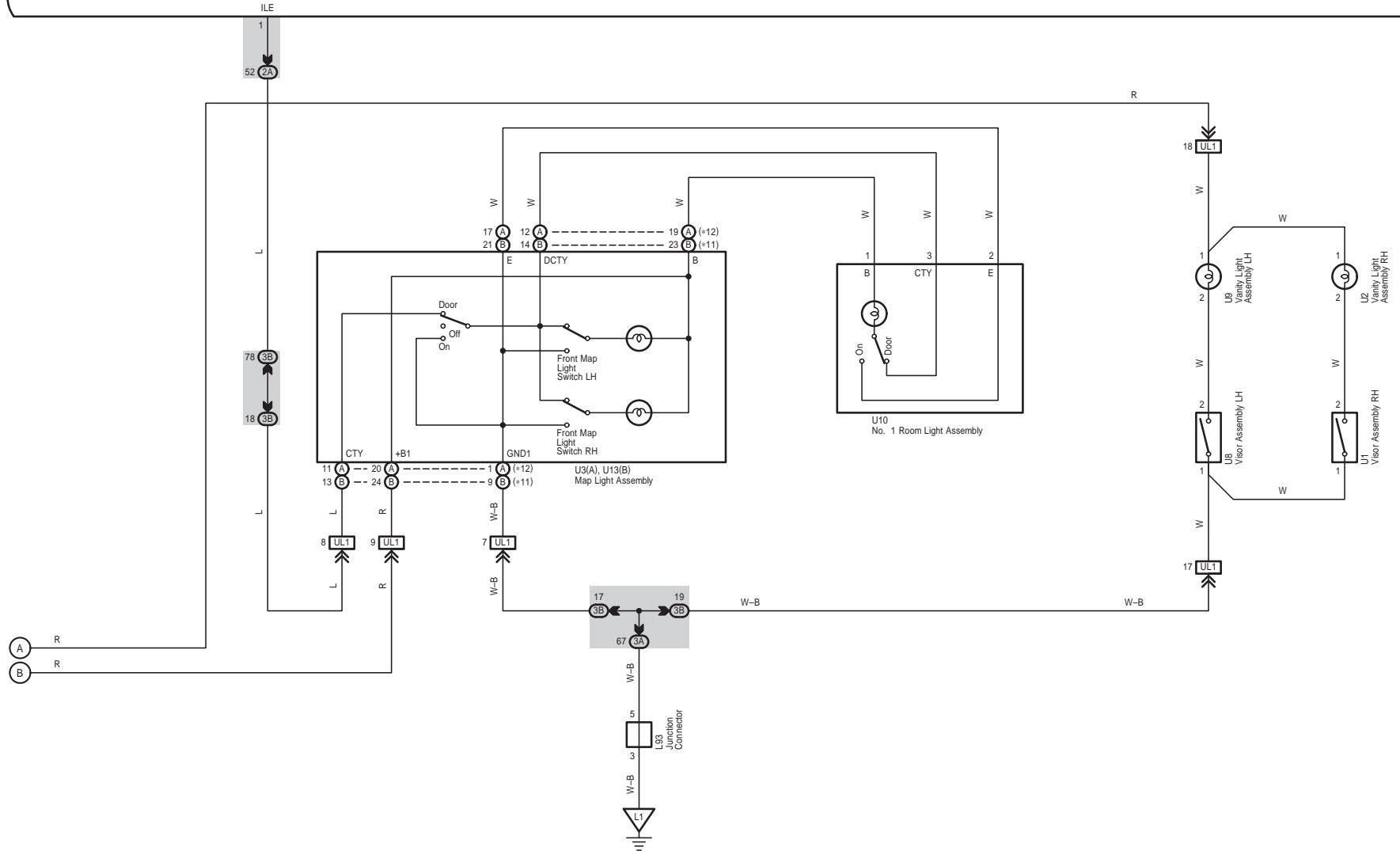
29

30

31

32

PRIUS (EM12A0E)



Multiplex Communication System (Body Control LHD)

+11 : w/ Sliding Roof

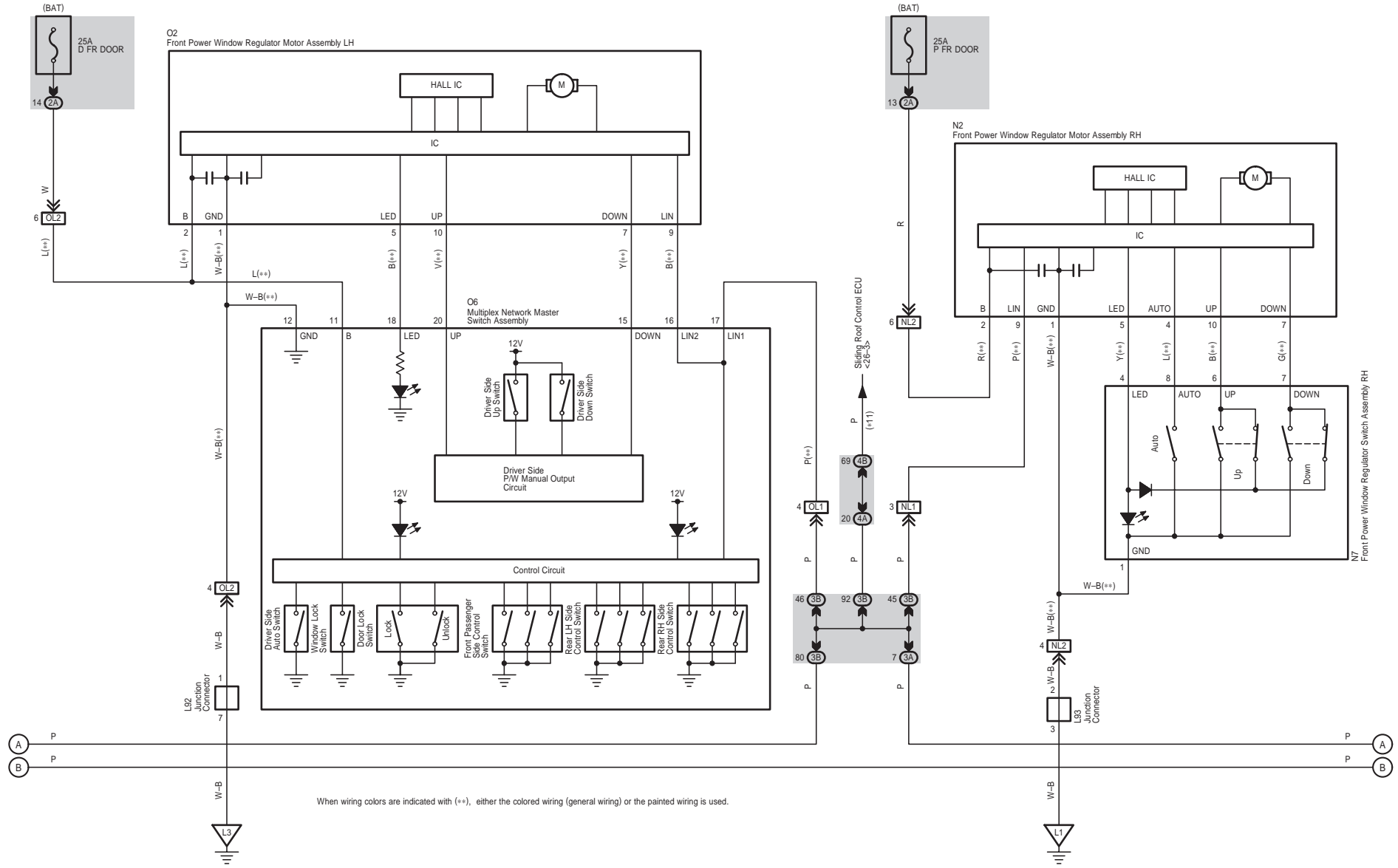
37

38

39

40

PRIUS (EM12A0E)

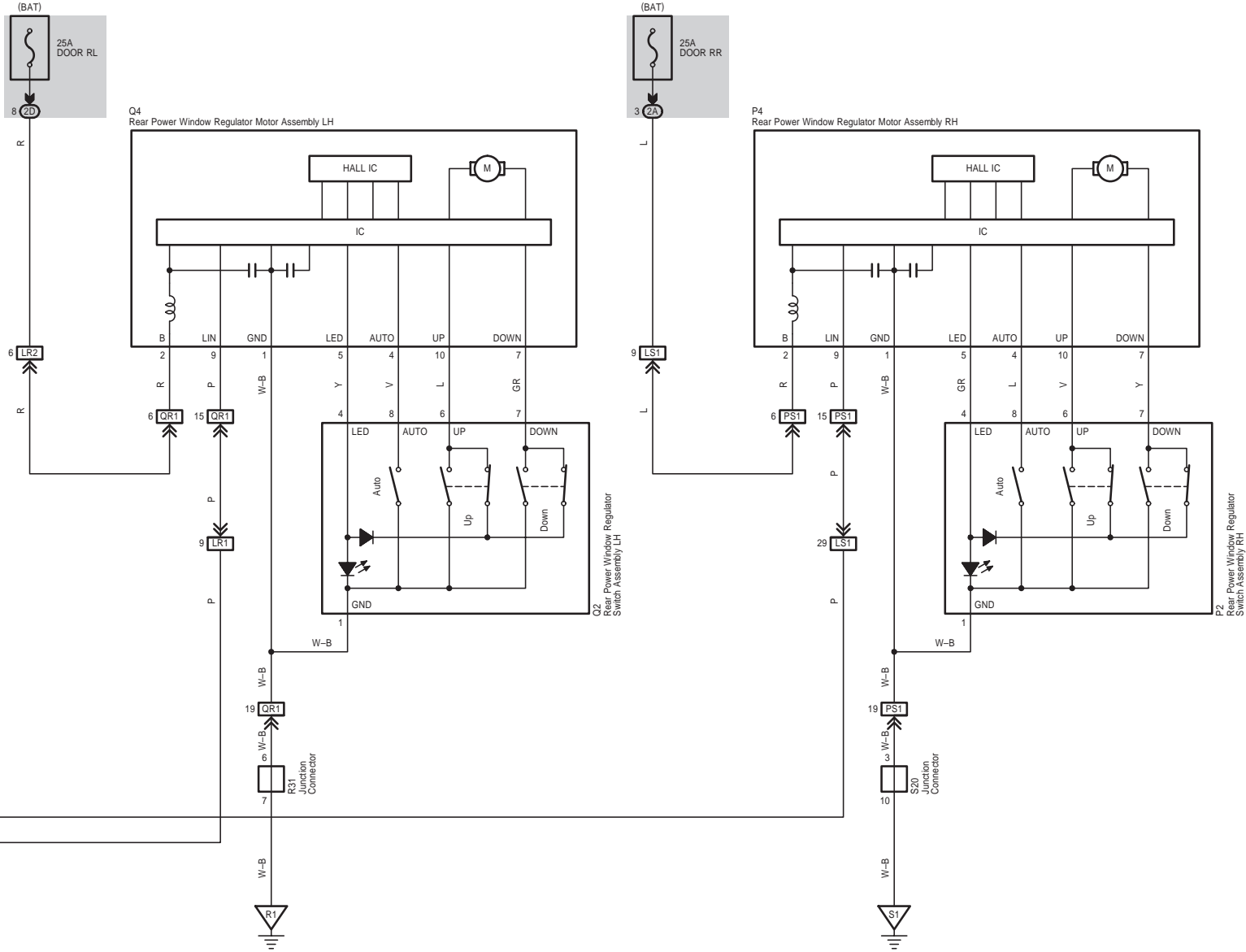


When wiring colors are indicated with (+), either the colored wiring (general wiring) or the painted wiring is used.



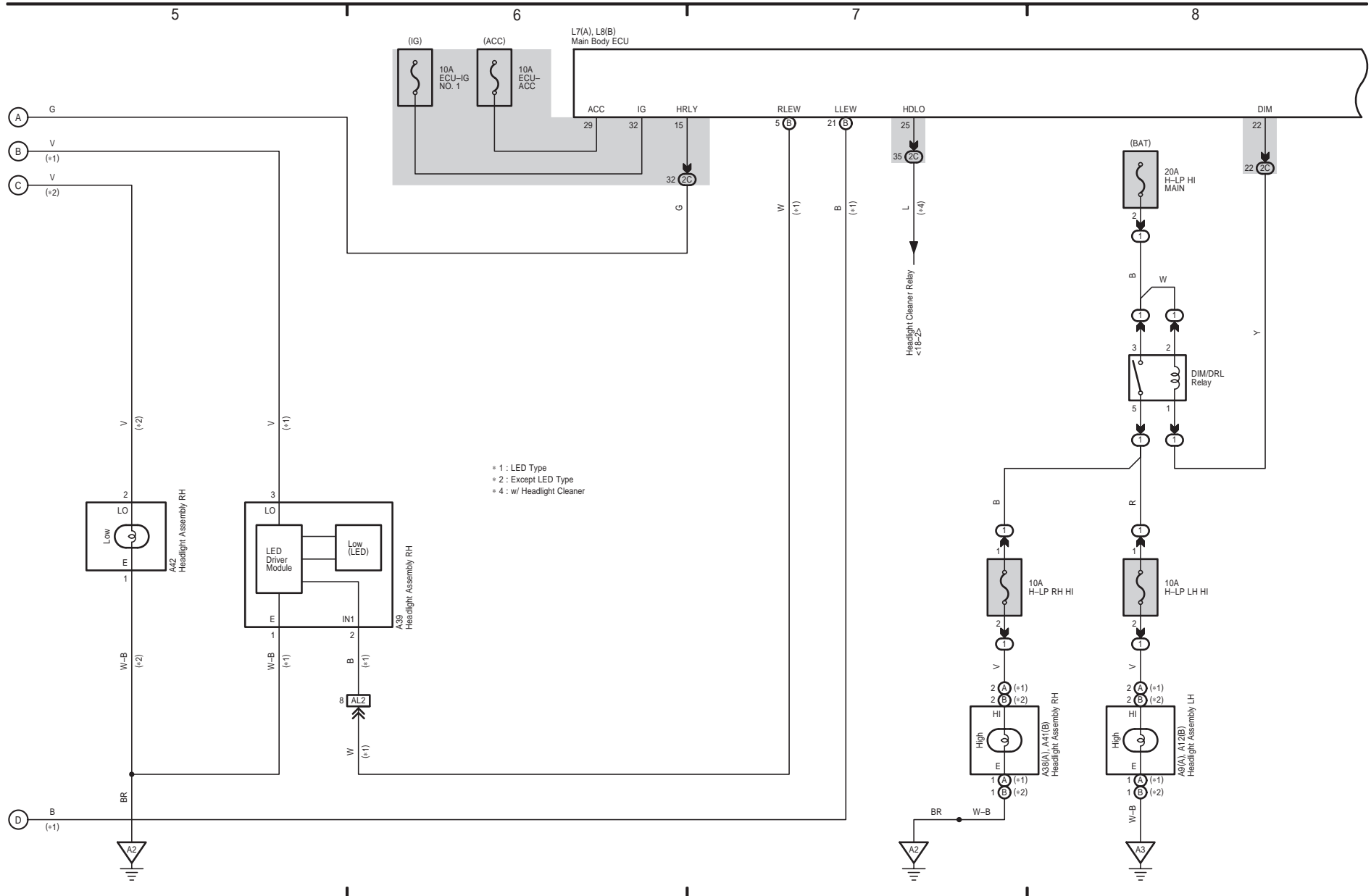
Multiplex Communication System (Body Control LHD)

41 42 43 44



PRIUS (EM12A0E)

Multiplex Communication System (Body Control RHD)



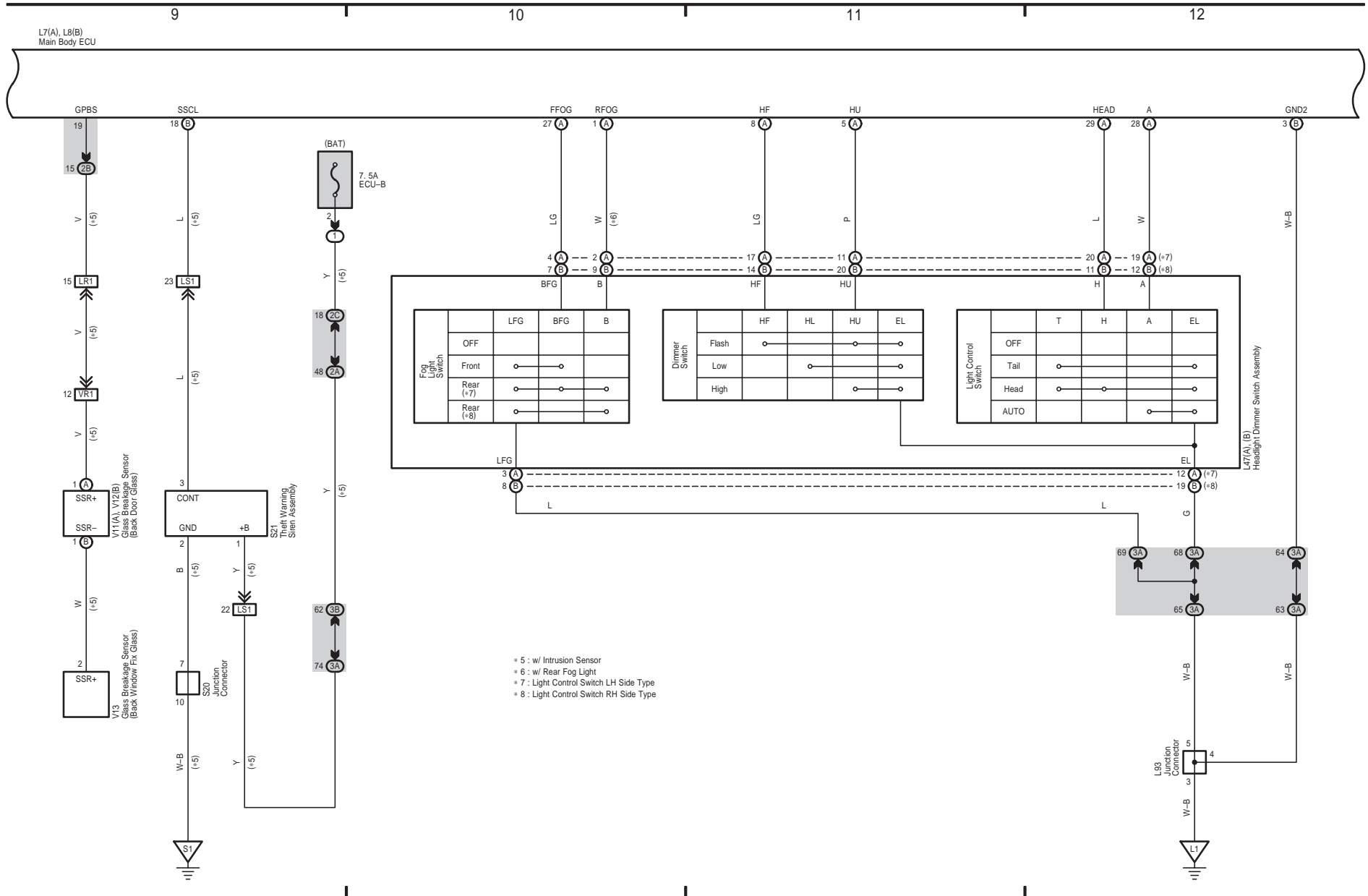
PRIUS (EM12A0E)



Multiplex Communication System (Body Control RHD)

PRIUS (EM12A0E)

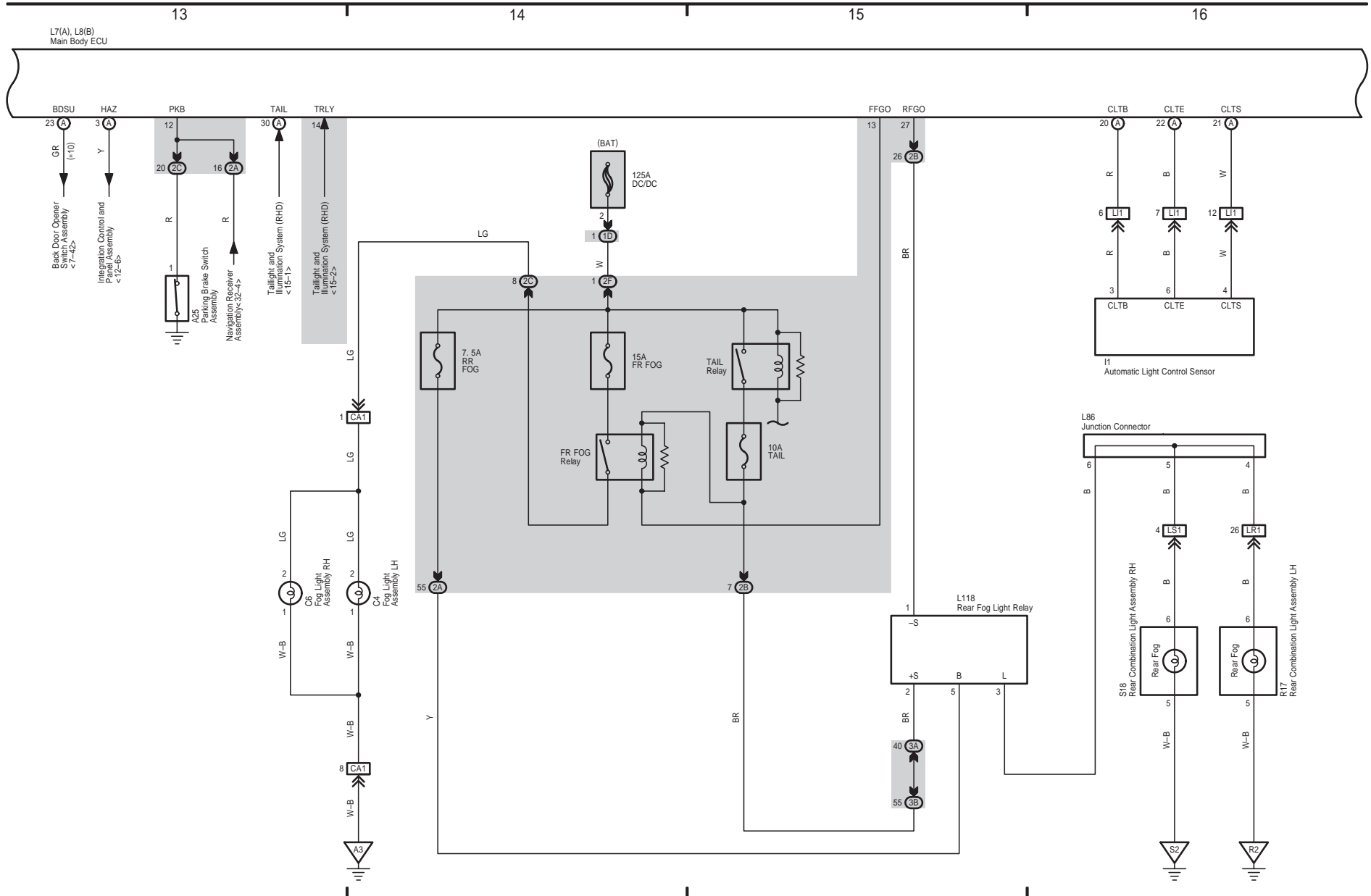
M OVERALL ELECTRICAL WIRING DIAGRAM



Multiplex Communication System (Body Control RHD)

*10 : Driver's Door Only Entry System

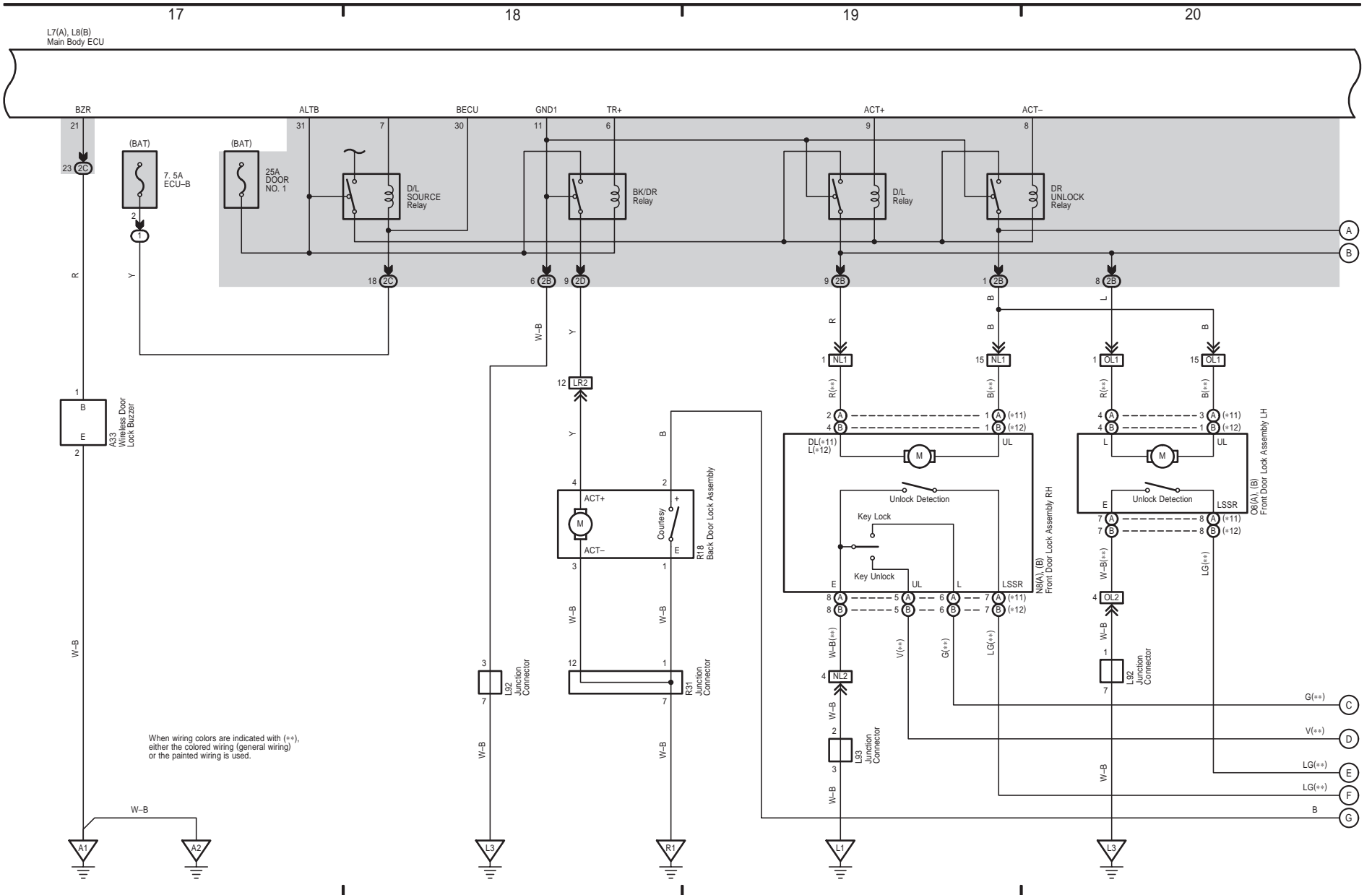
PRIUS (EM12A0E)



Multiplex Communication System (Body Control RHD)

*11 : w/ Double Locking
*12 : w/o Double Locking

PRIUS (EM12A0E)

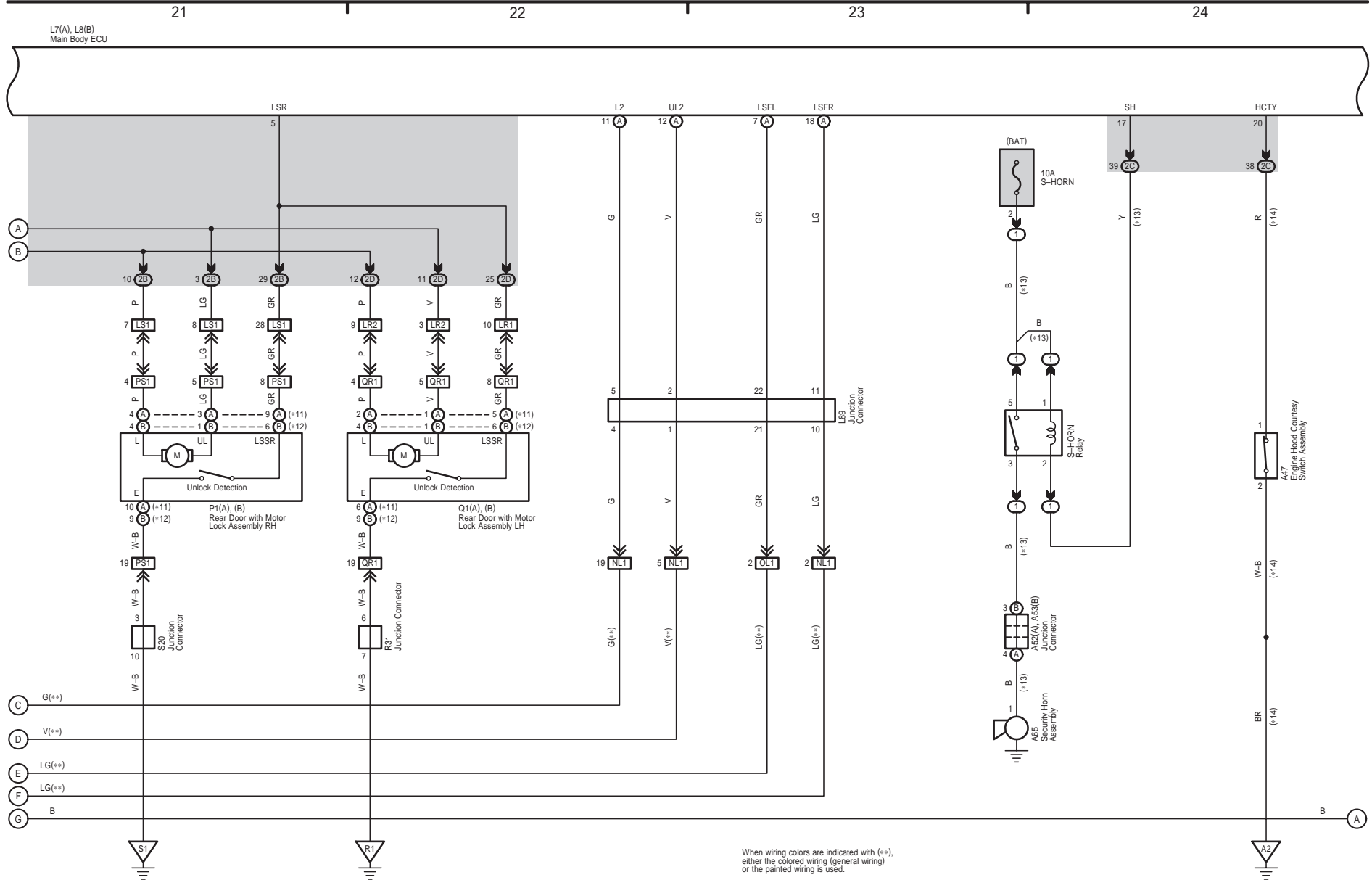


M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Body Control RHD)

- *11 : w/ Double Locking
- *12 : w/o Double Locking
- *13 : w/ Theft Deterrent w/o Intrusion Sensor
- *14 : w/ Remote Air Conditioner System, w/ Theft Deterrent

PRIUS (EM12A0E)



When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

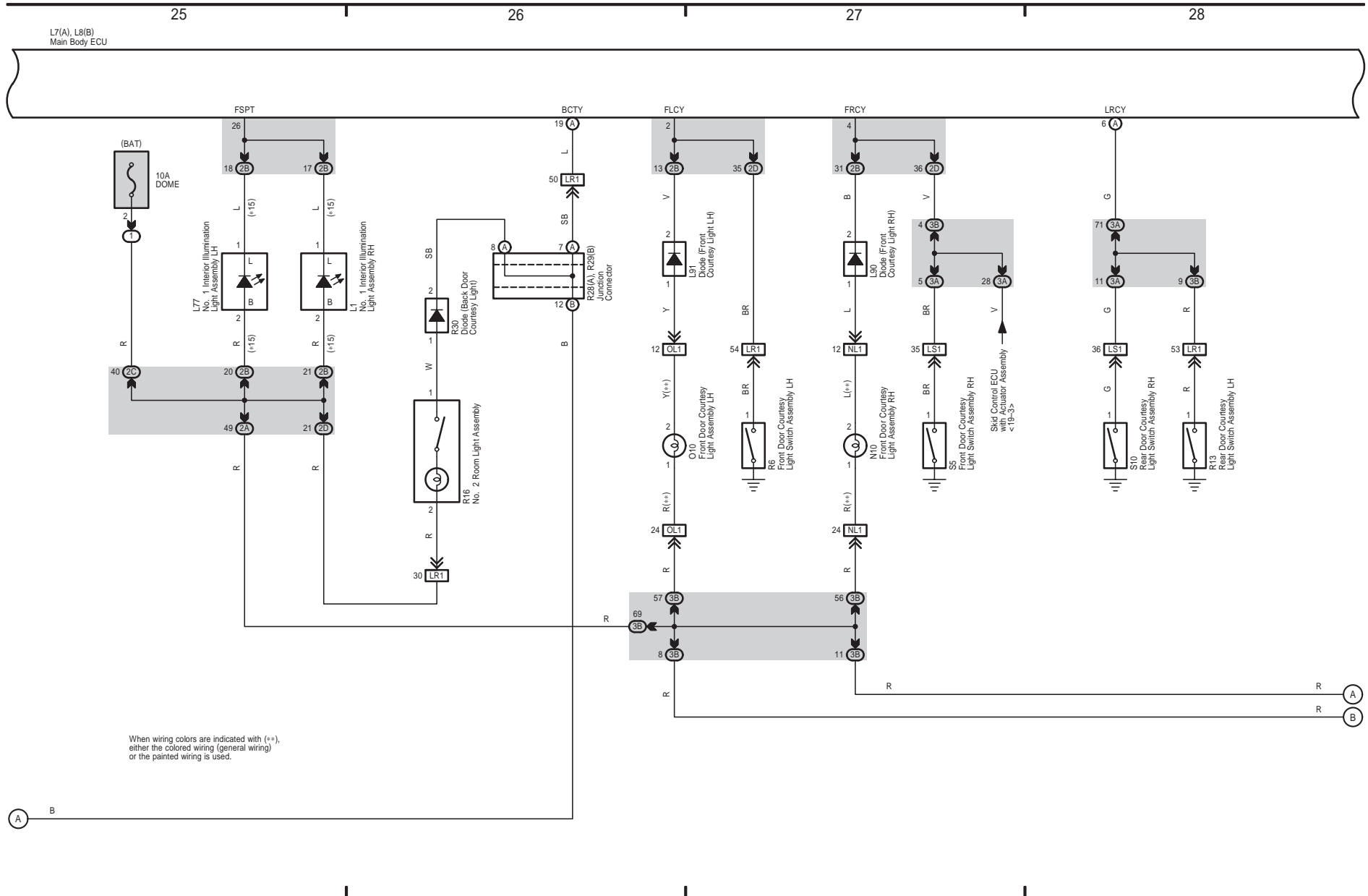


Multiplex Communication System (Body Control RHD)

*15 : w/ No. 1 Interior Illumination Light Assembly

PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM



Multiplex Communication System (Body Control RHD)

- + 5 : w/ Intrusion Sensor
- + 9 : w/ Sliding Roof
- +16 : w/o Sliding Roof

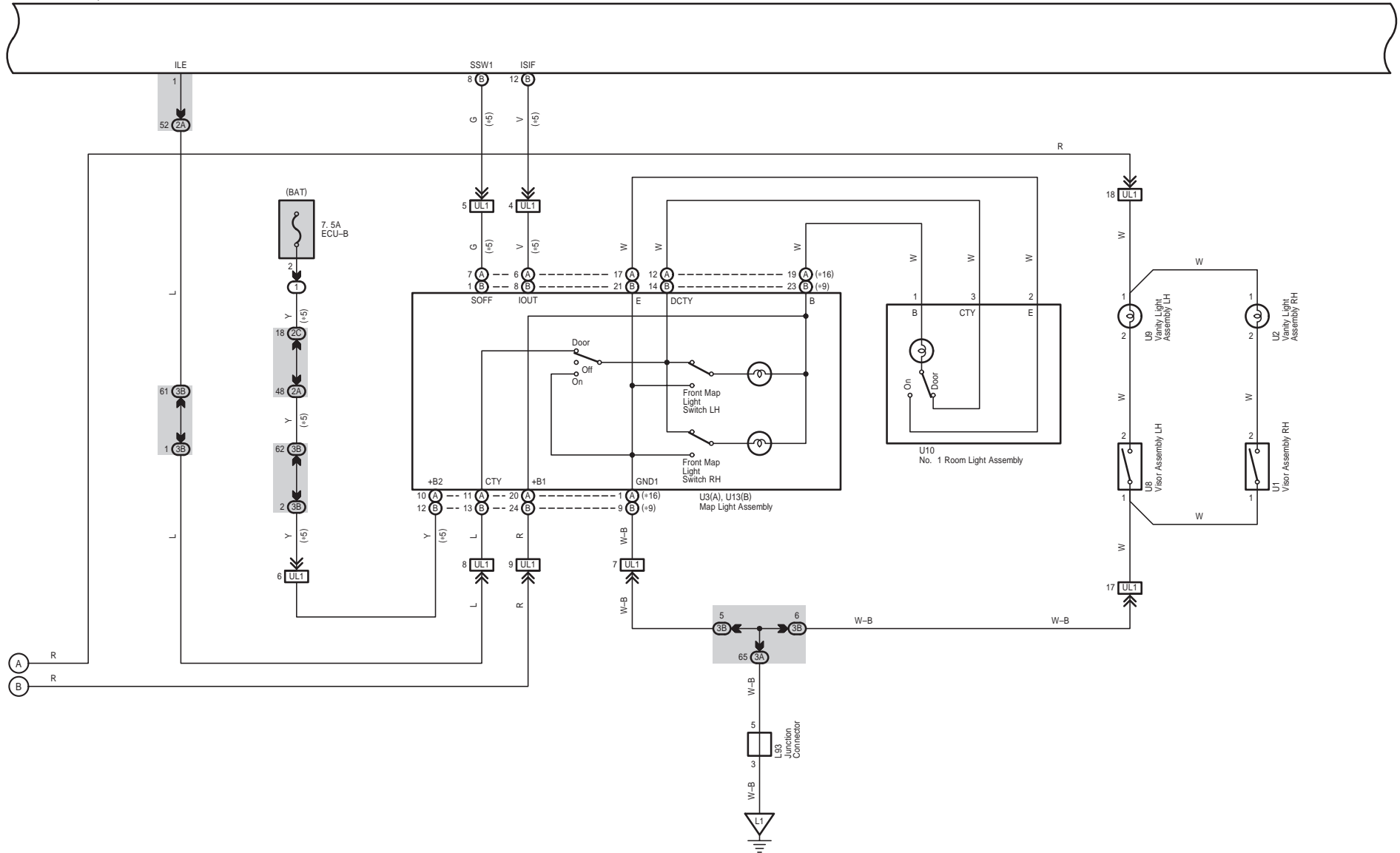
L7(A), L8(B)
Main Body ECU

29

30

31

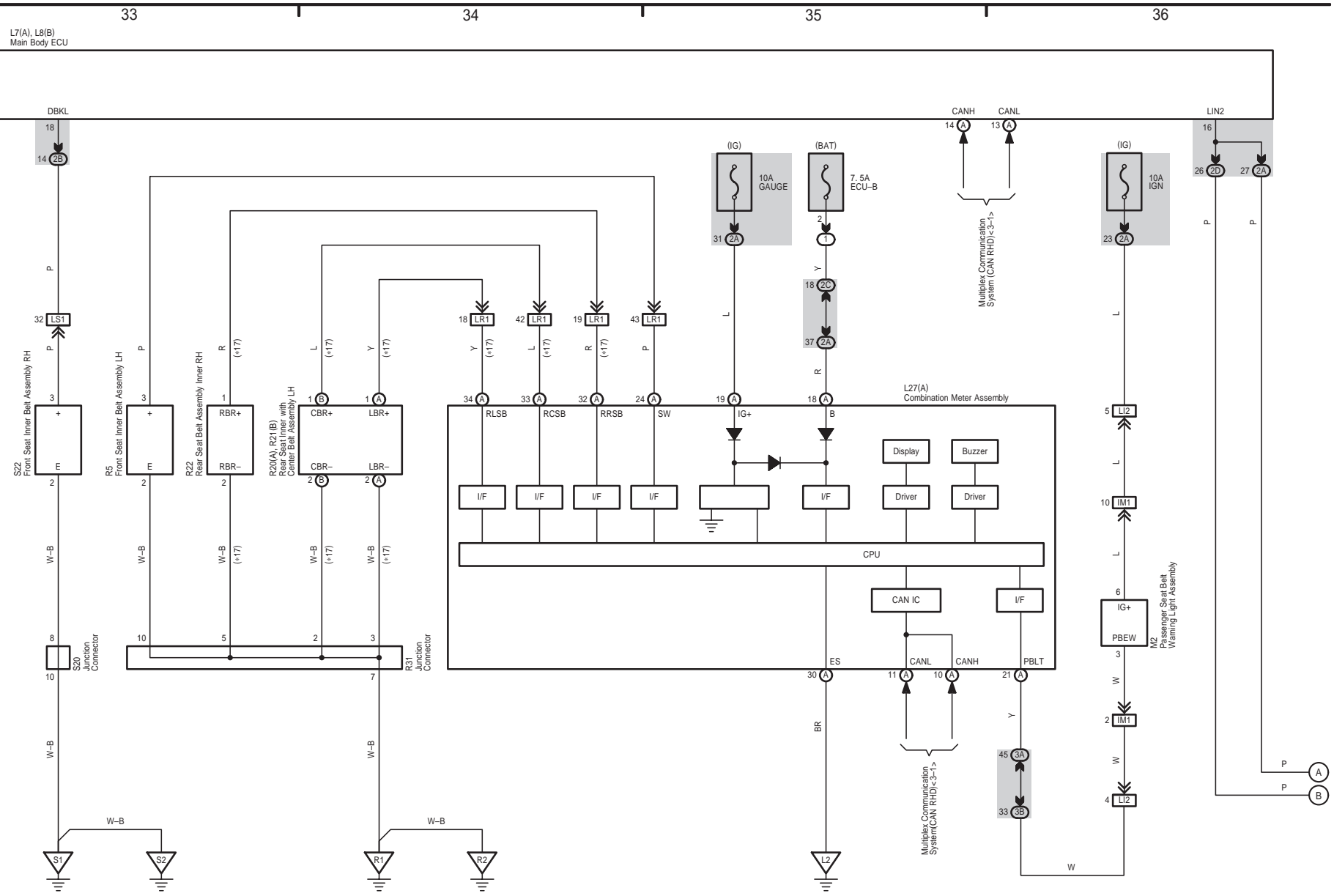
32



PRIUS (EM12A0E)

Multiplex Communication System (Body Control RHD)

*17 : w/ Rear Seat Belt Warning



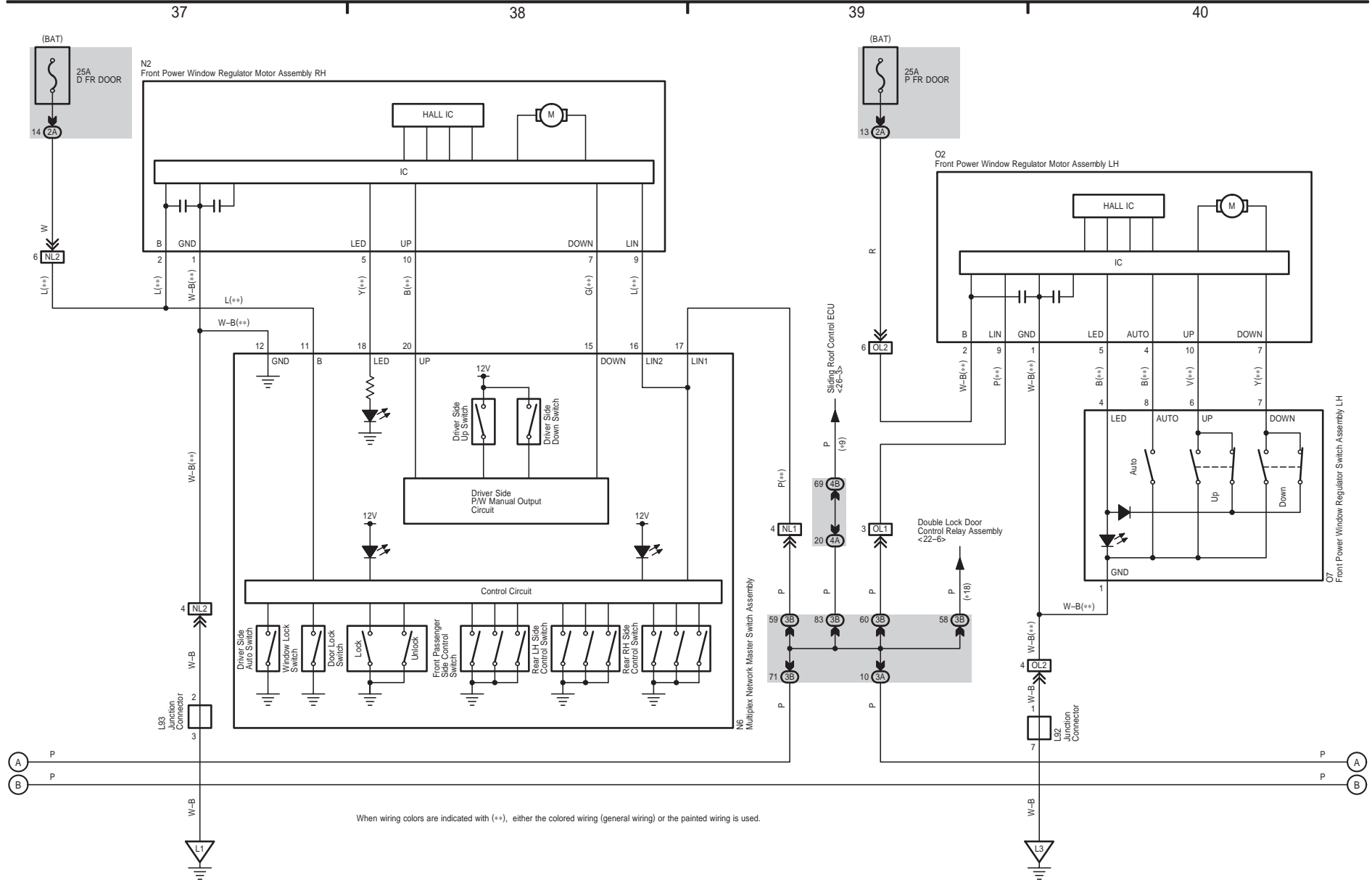
PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Body Control RHD)

* 9 : w/ Sliding Roof
 **18 : w/ Double Locking

PRIUS (EM12A0E)

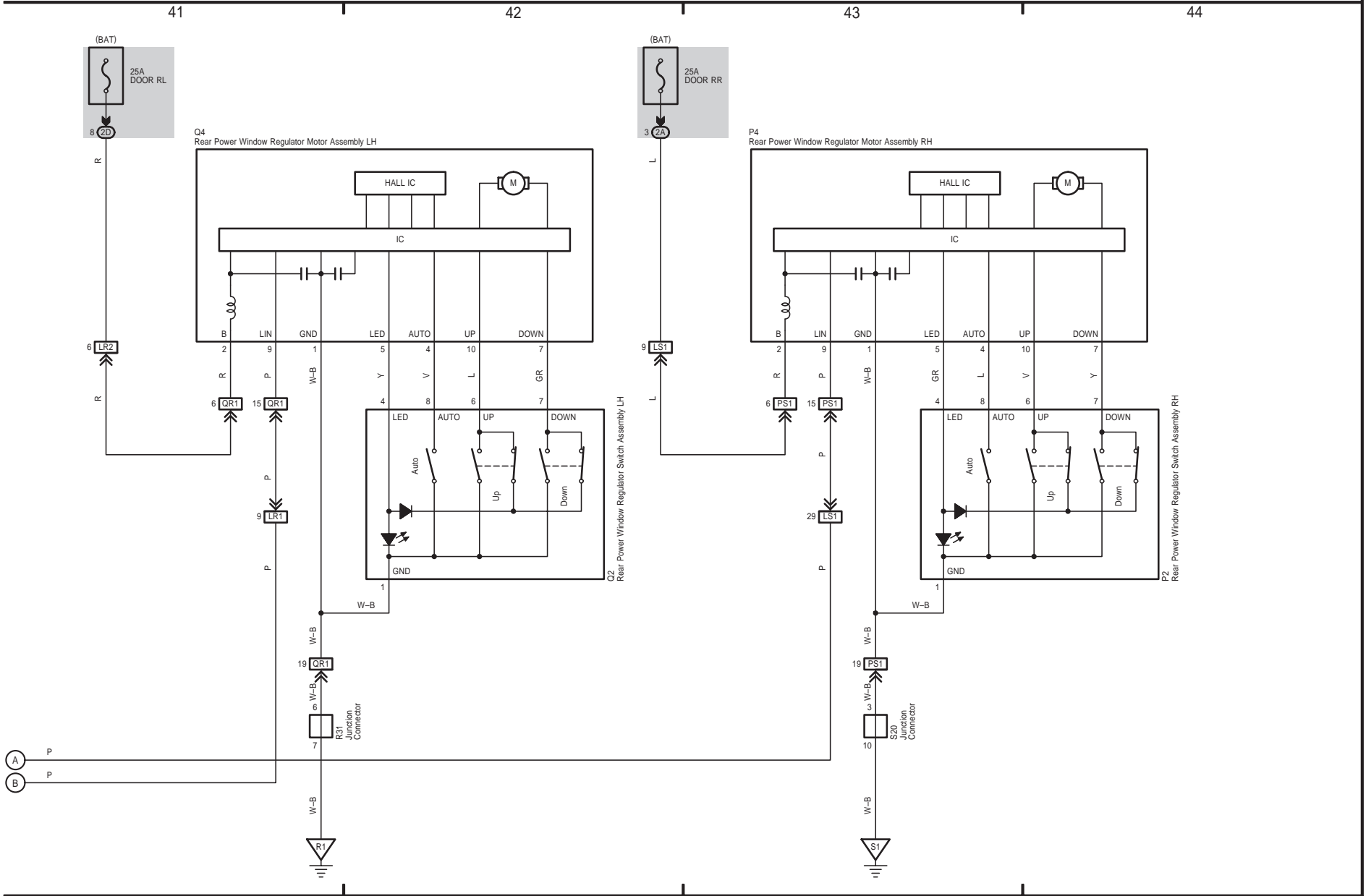


When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

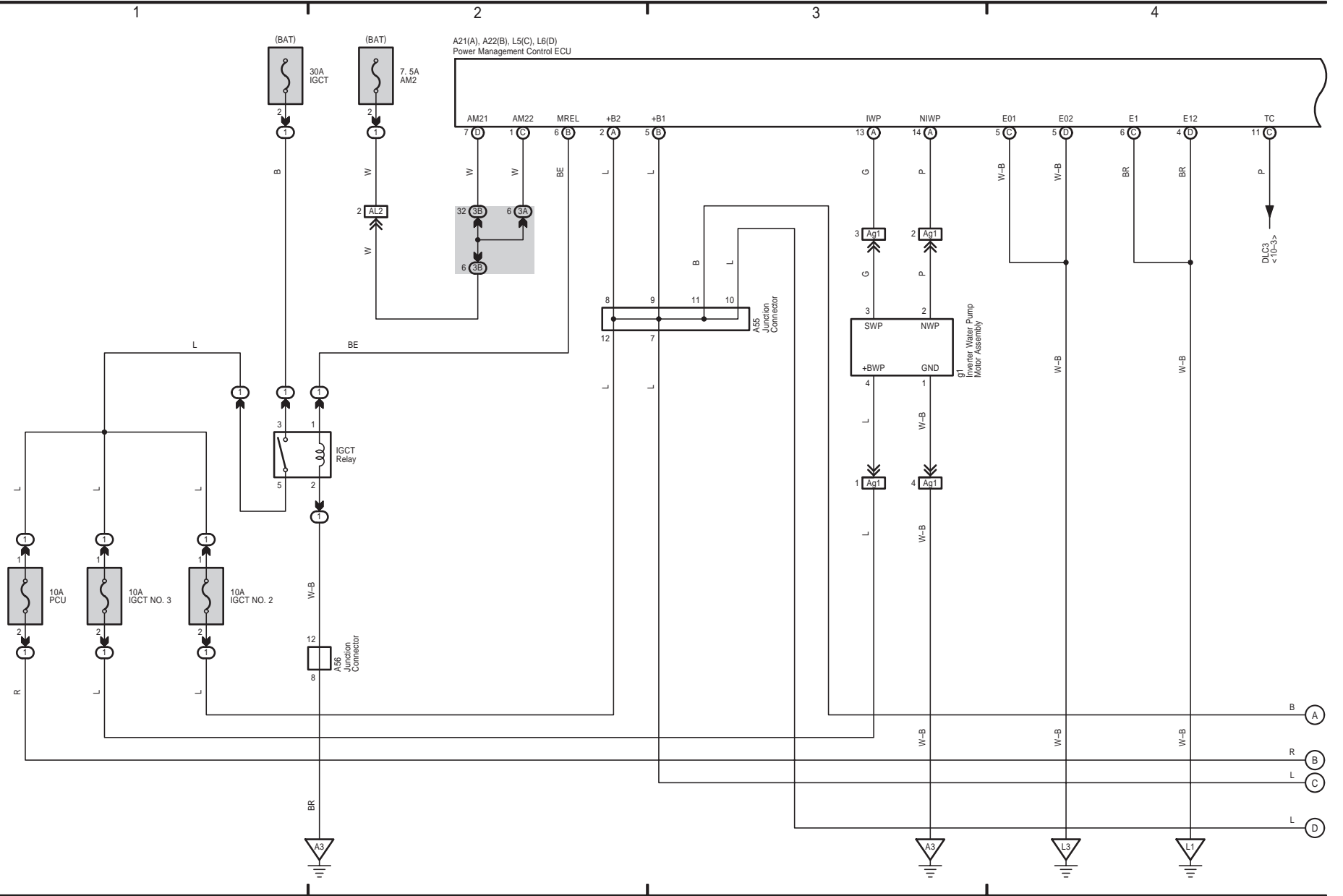


Multiplex Communication System (Body Control RHD)

PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control LHD)



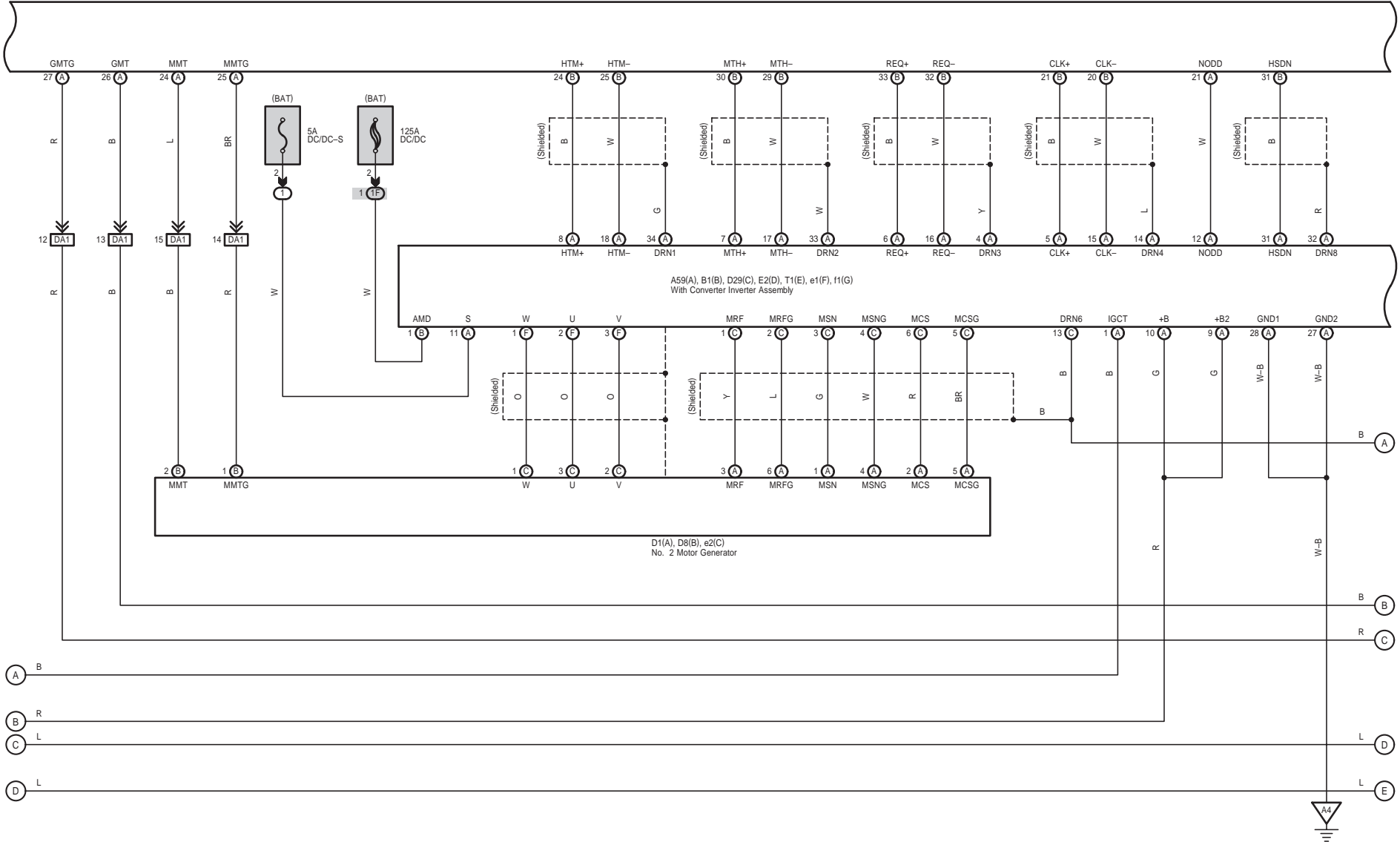
PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control LHD)

5 6 7 8

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

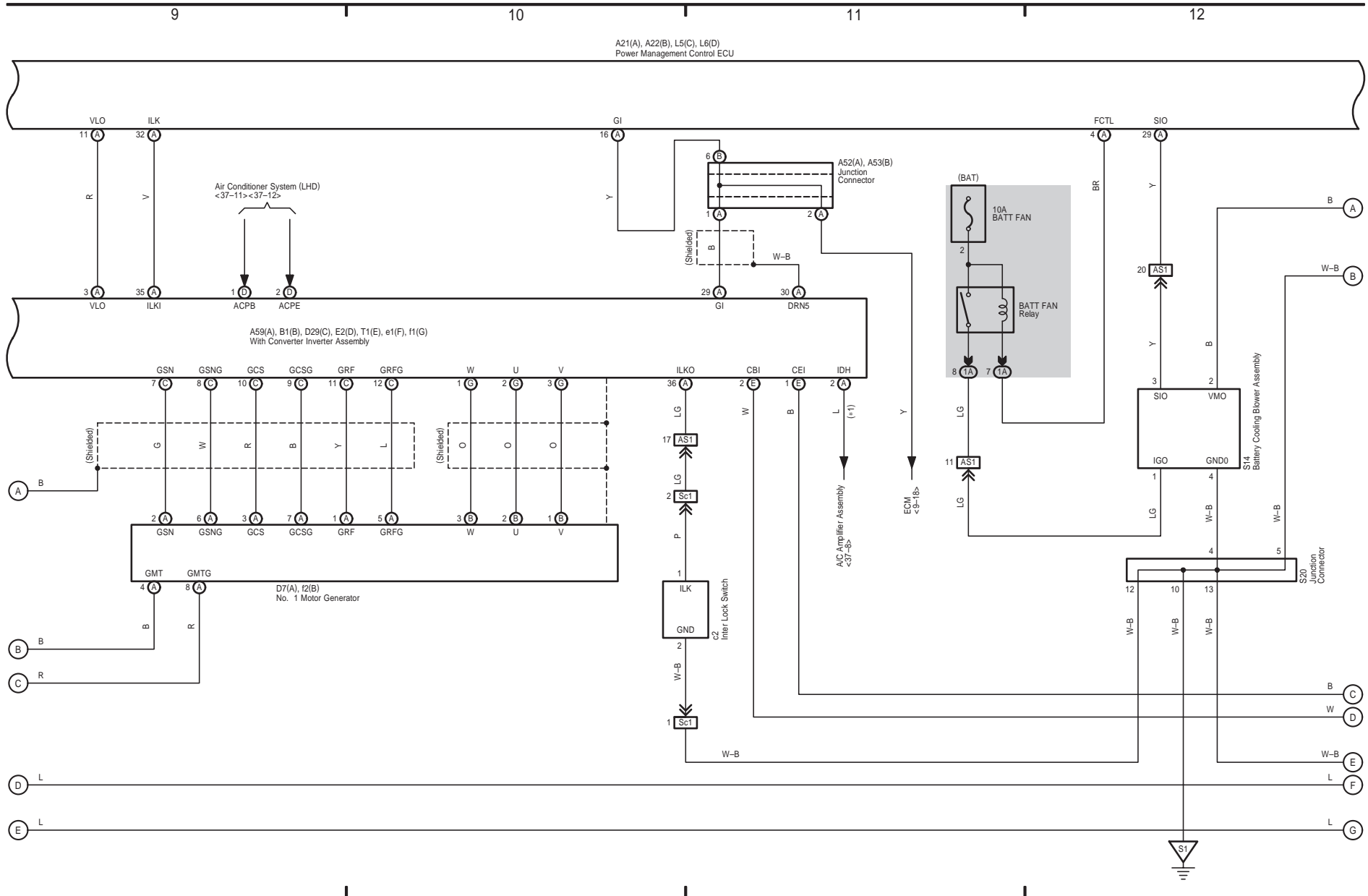


PRIUS (EM12A0E)

Multiplex Communication System (Power Train Control LHD)

* 1 : w/ PTC Heater

PRIUS (EM12A0E)



M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control LHD)

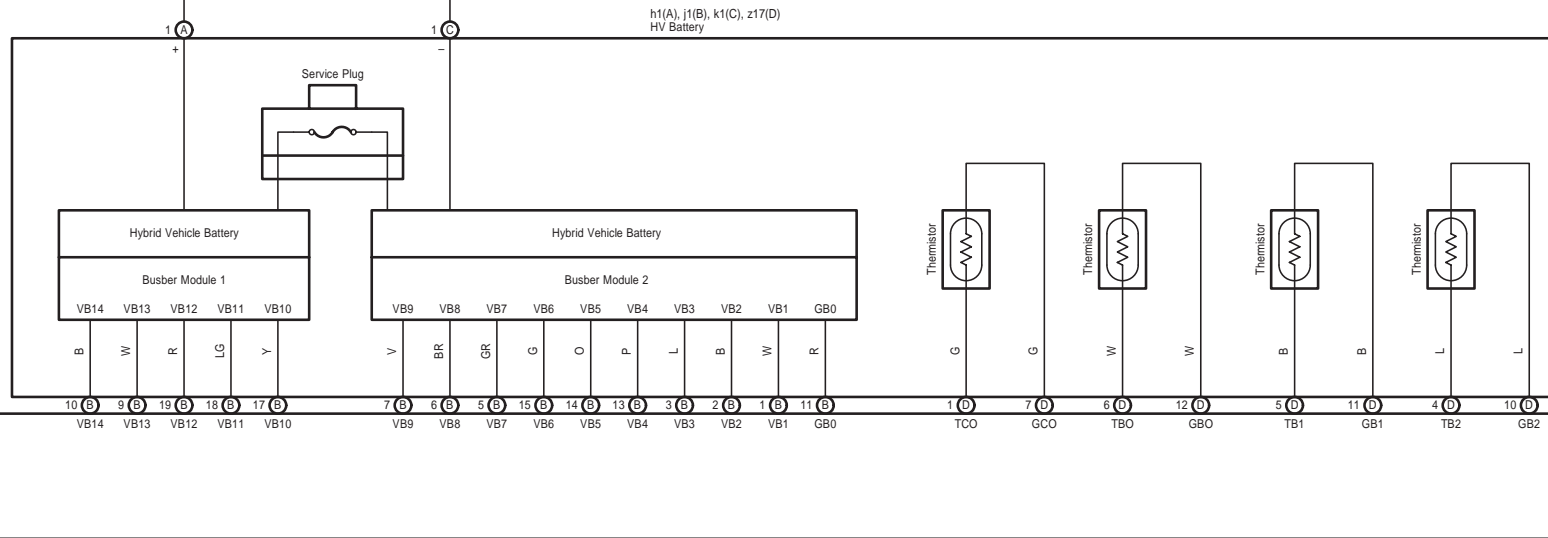
17

18

19

20

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU



c1(A), j1(B), z17(D)
Battery Voltage Sensor



PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control LHD)

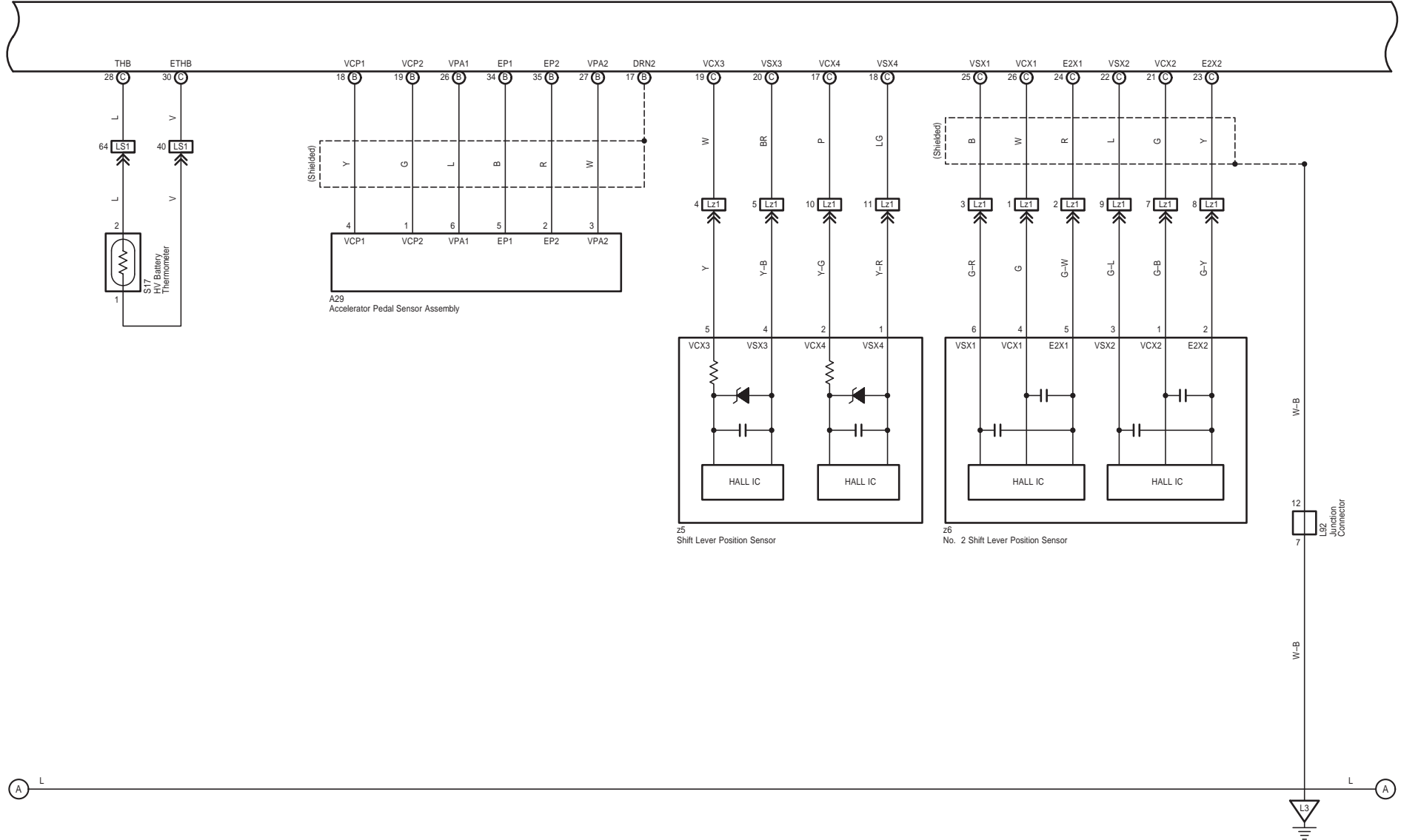
21

22

23

24

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

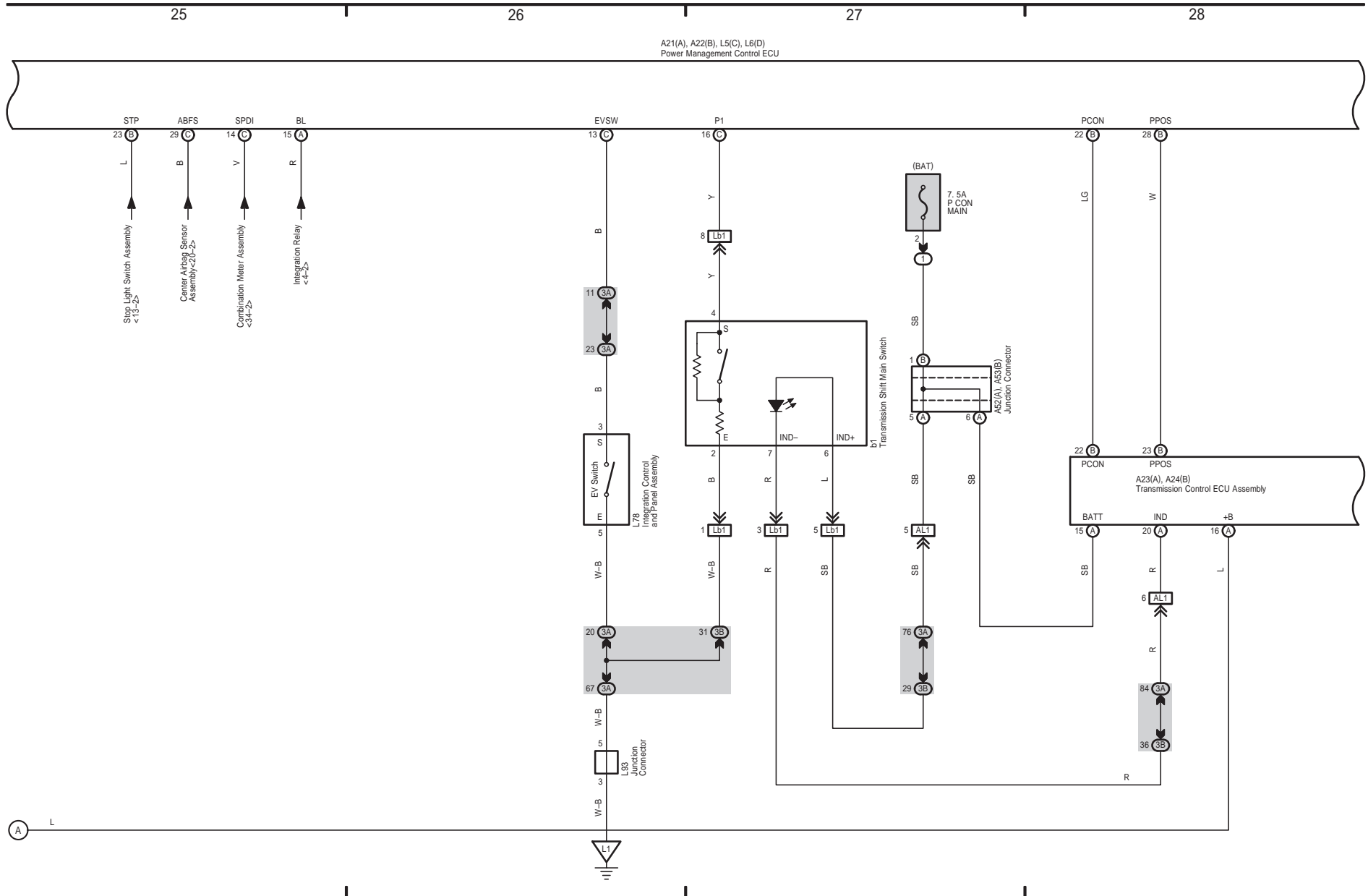


PRIUS (EM12A0E)

Multiplex Communication System (Power Train Control LHD)

PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM



Multiplex Communication System (Power Train Control LHD)

* 2 : w/o Dynamic Radar Cruise Control

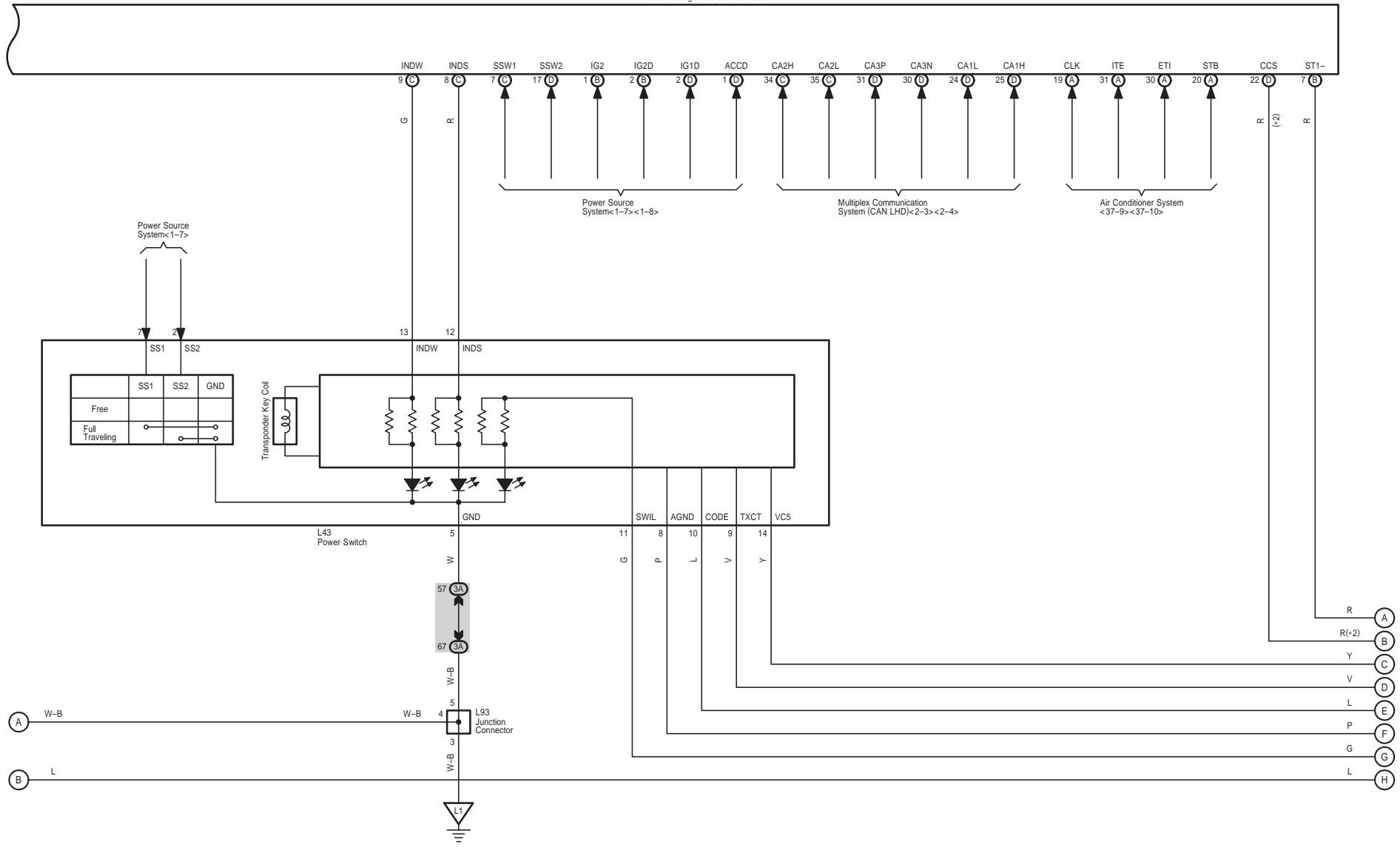
33

34

35

36

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU



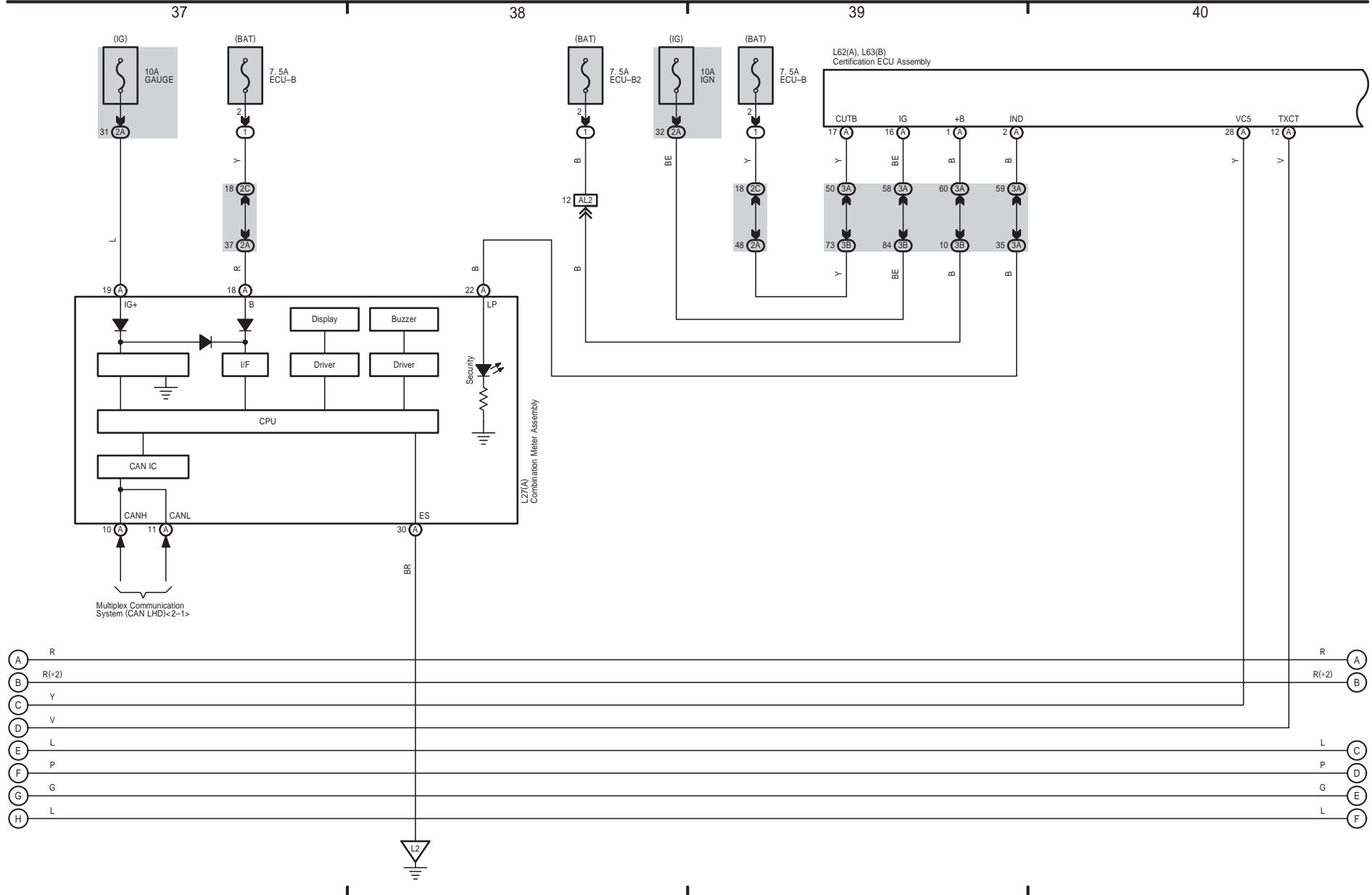
PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control LHD)

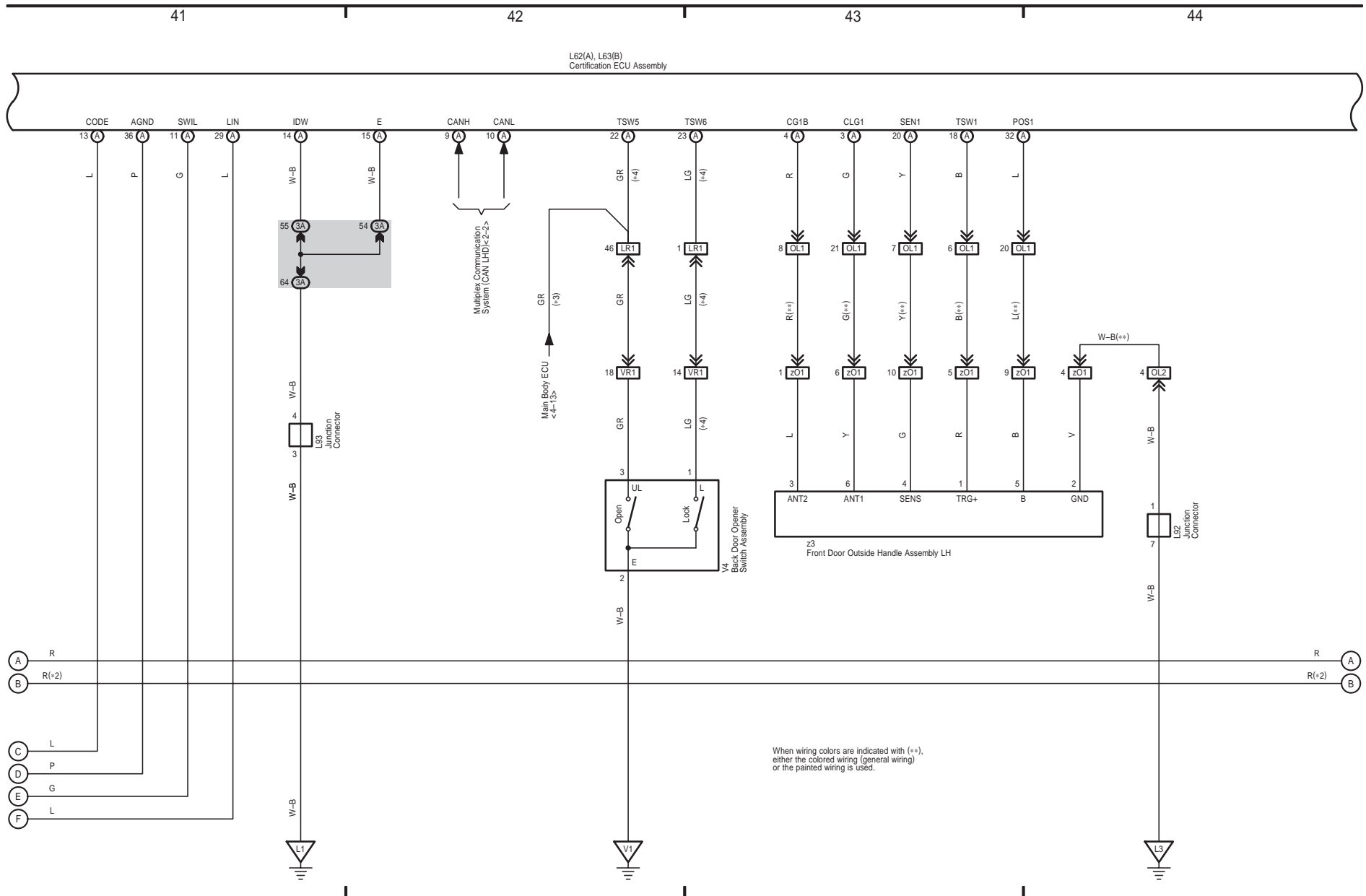
* 2 : w/o Dynamic Radar Cruise Control

PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control LHD)

- * 2 : w/o Dynamic Radar Cruise Control
- * 3 : Driver's Door Only Entry System
- * 4 : Except *3



PRIUS (EM12A0E)

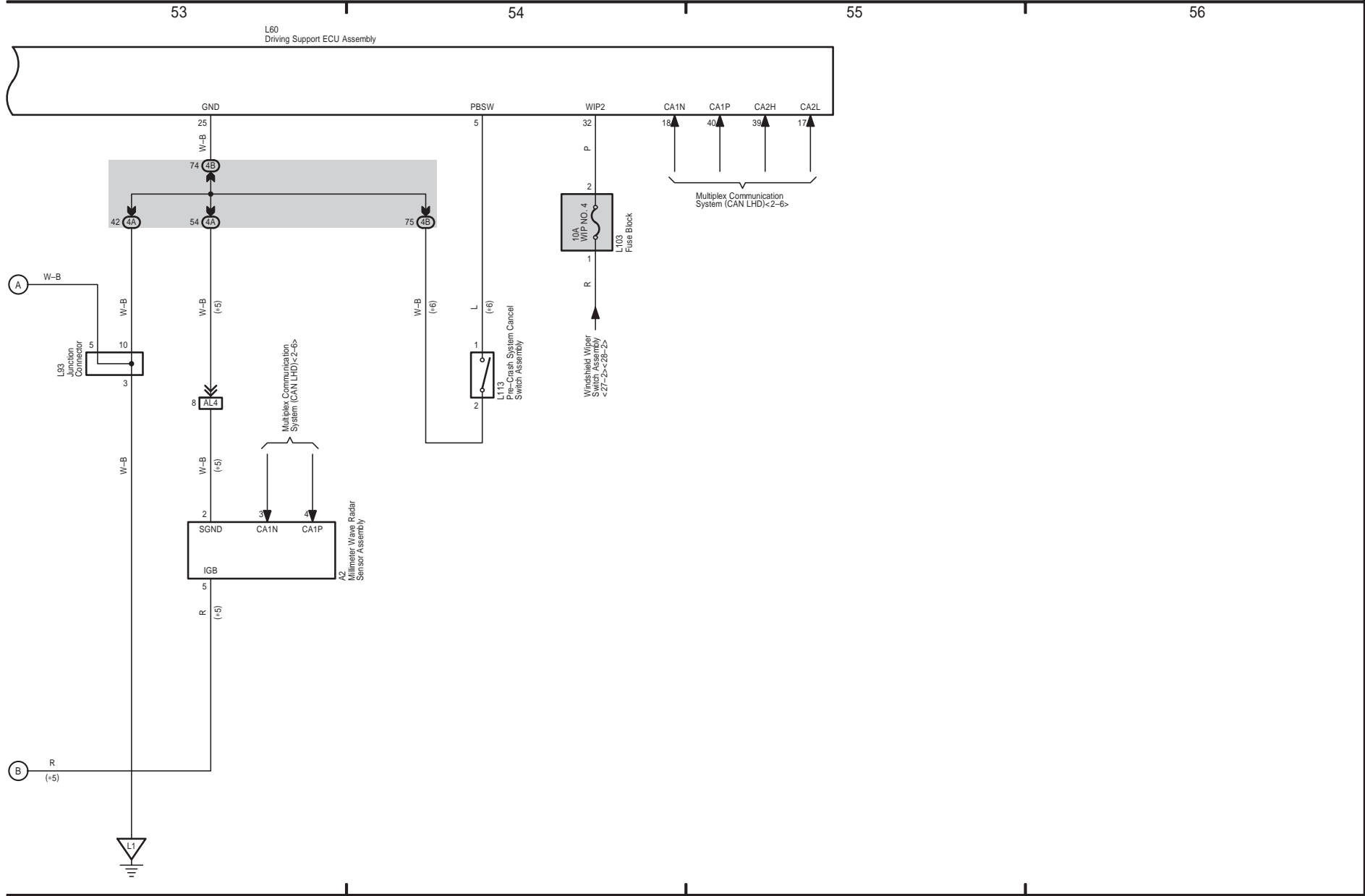
M OVERALL ELECTRICAL WIRING DIAGRAM

6 PRIUS (Cont' d)

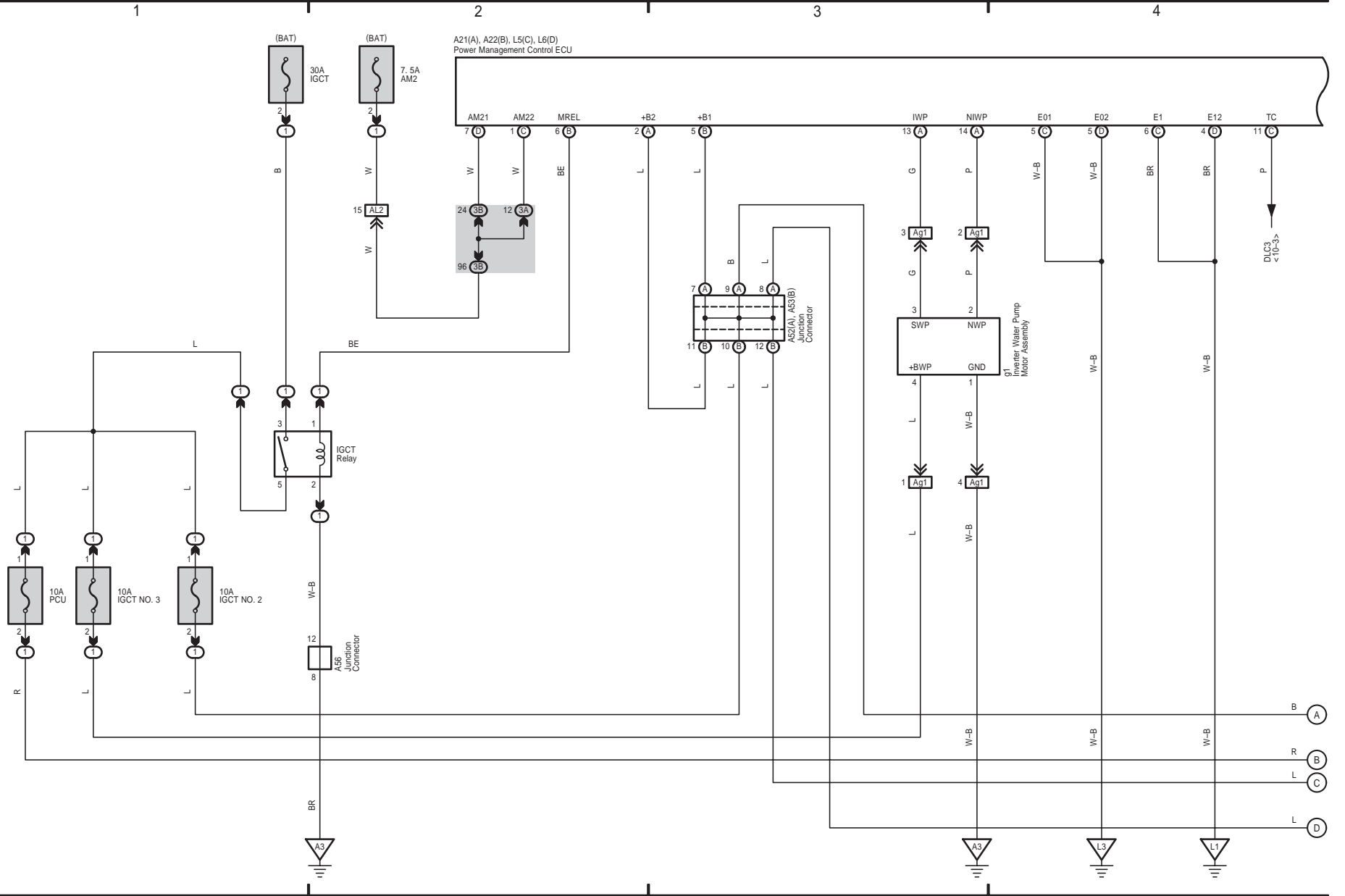
Multiplex Communication System (Power Train Control LHD)

• 5 : w/ Dynamic Radar Cruise Control
 • 6 : w/ Pre-Crash Safety Off Switch

PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control RHD)

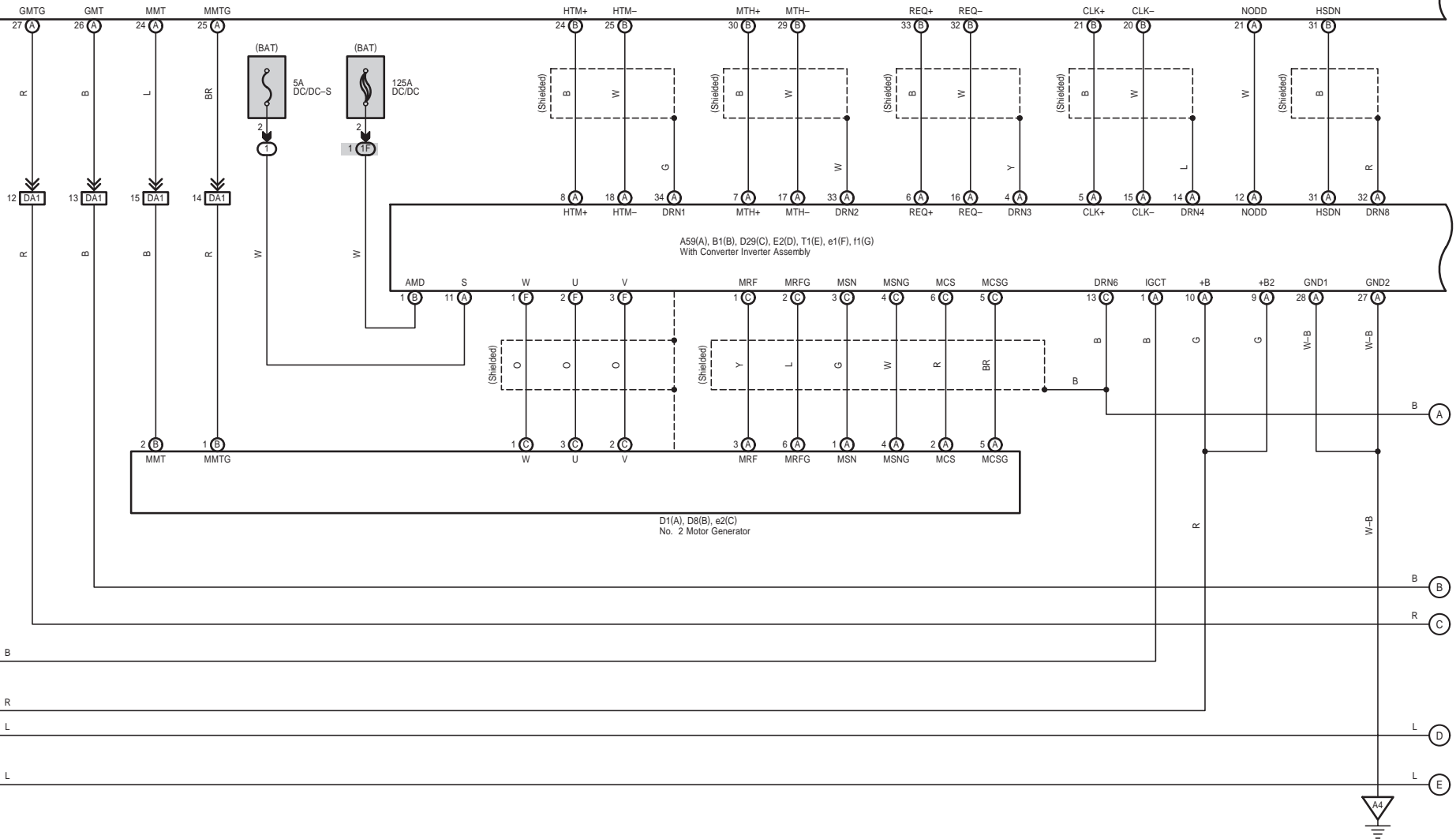


PRIUS (EM12A0E)

Multiplex Communication System (Power Train Control RHD)

5 6 7 8

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

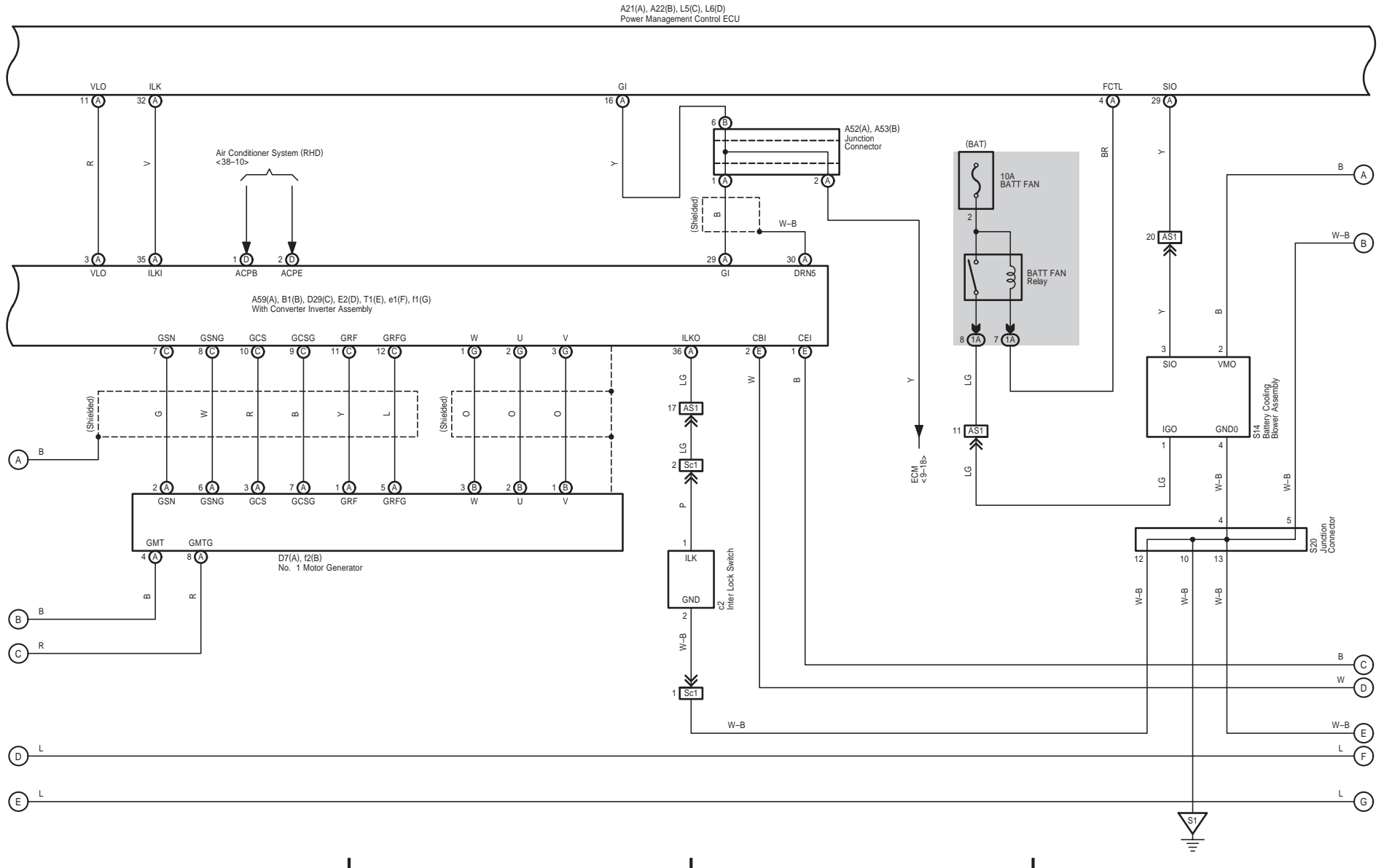


PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control RHD)

9 10 11 12



PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control RHD)

13

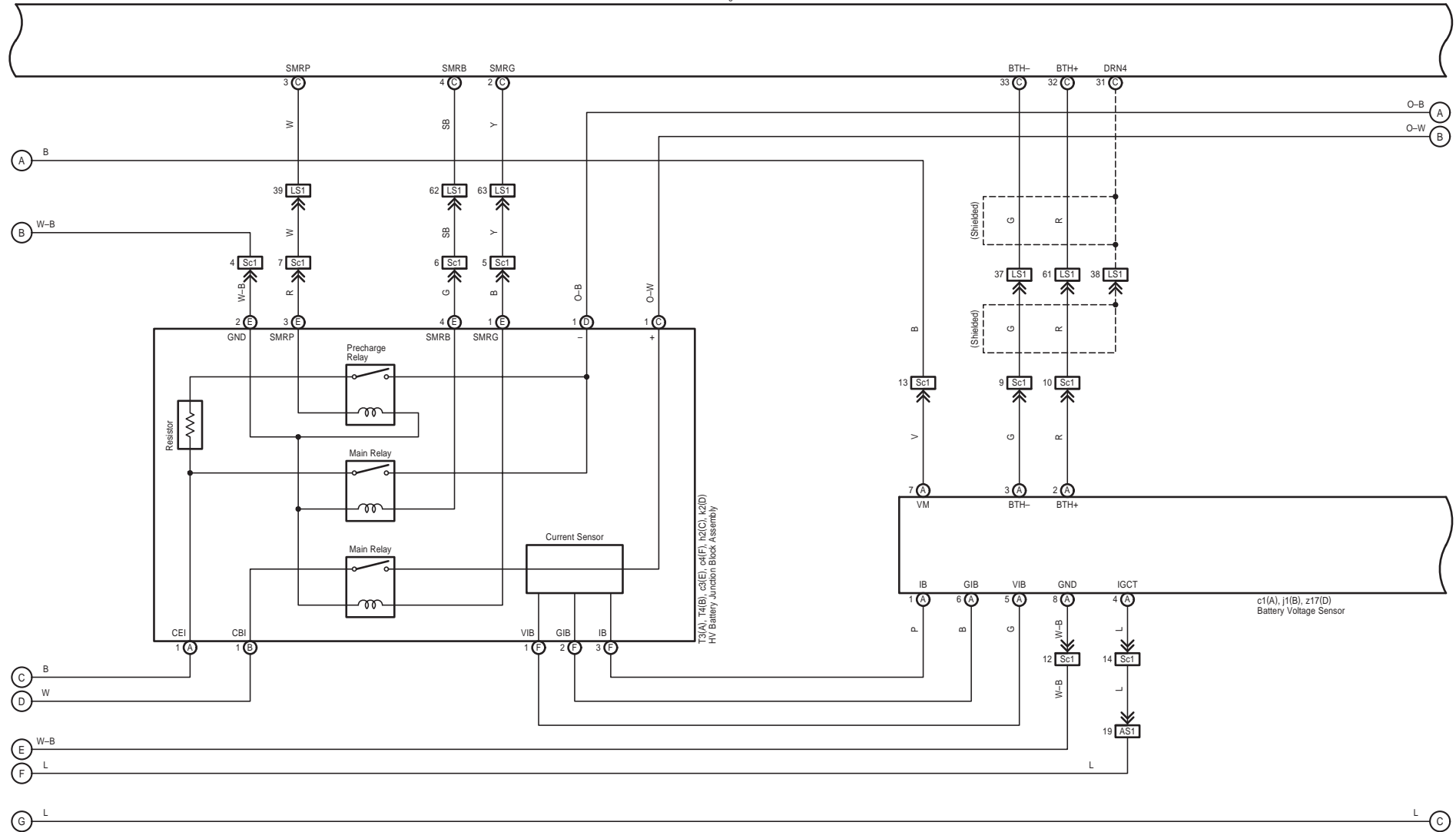
14

15

16

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control RHD)

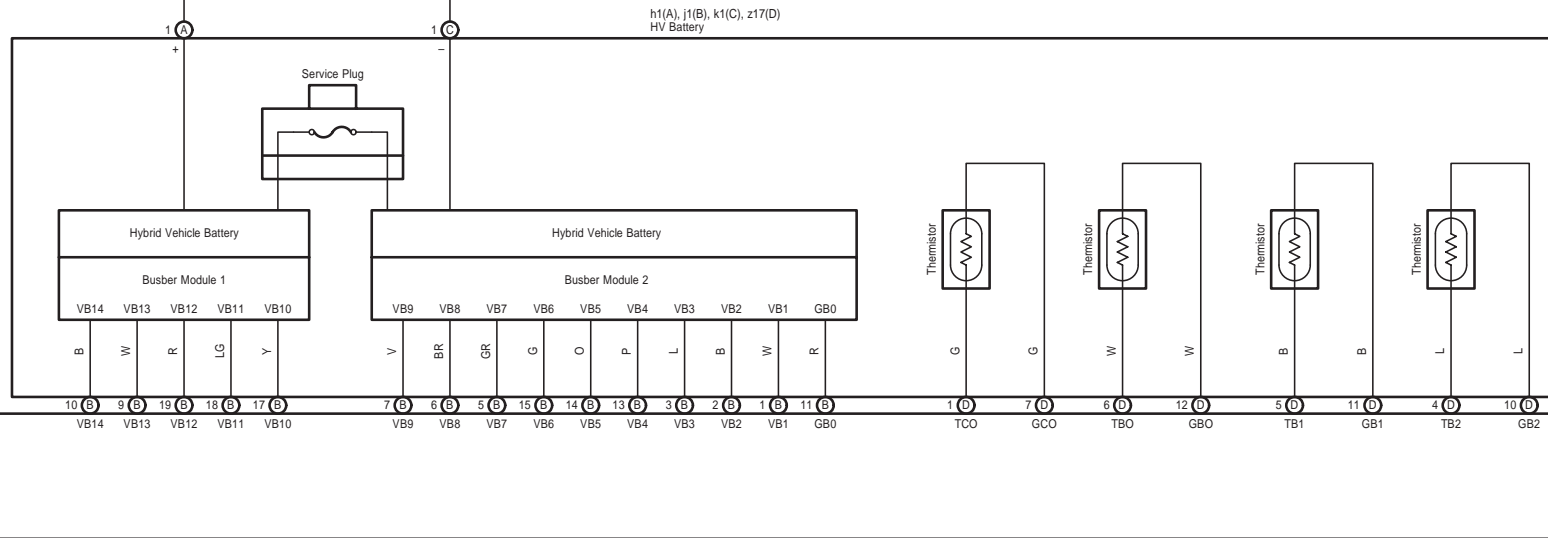
17

18

19

20

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU



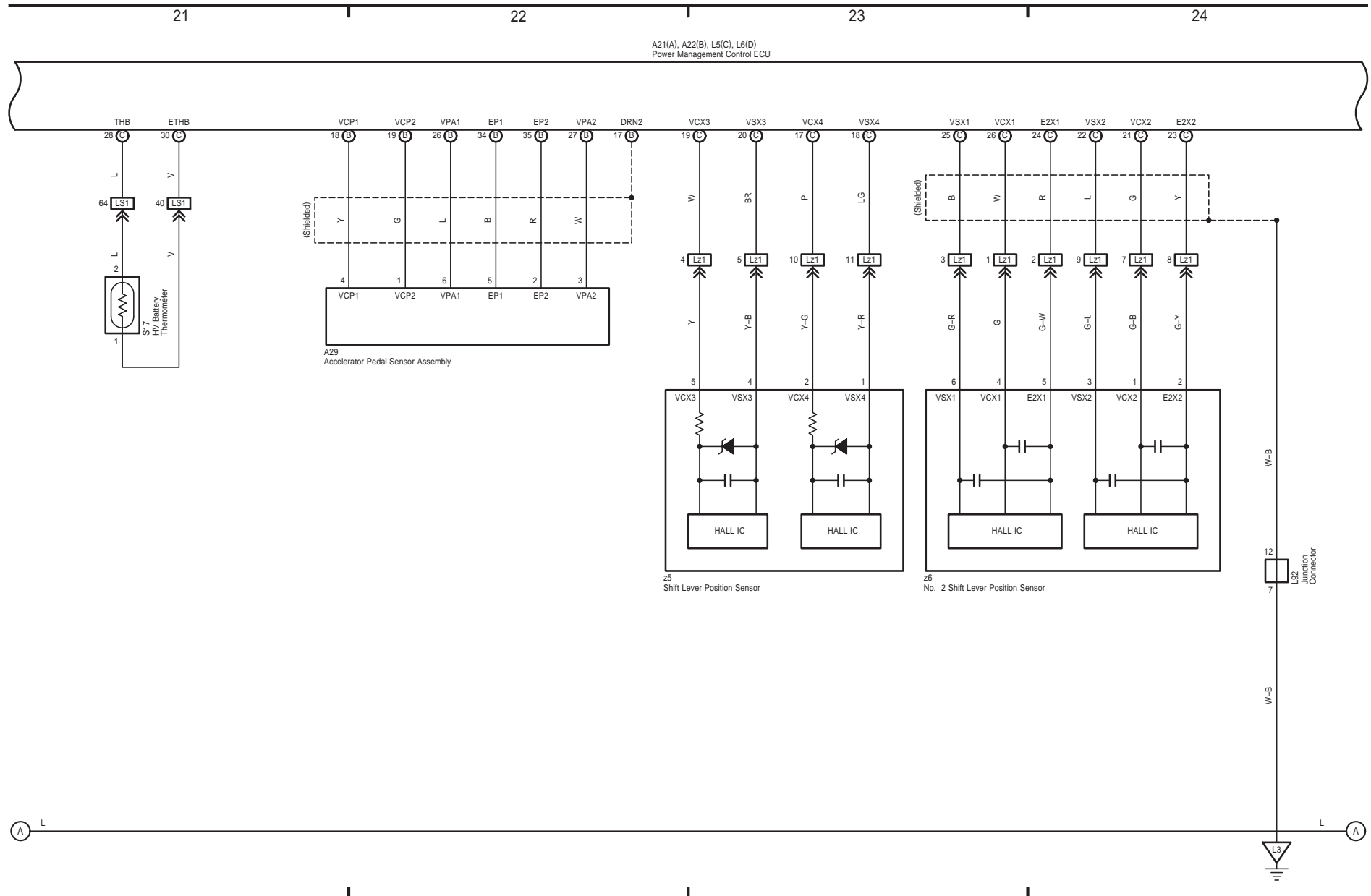
c1(A), j1(B), z17(D)
Battery Voltage Sensor



PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control RHD)



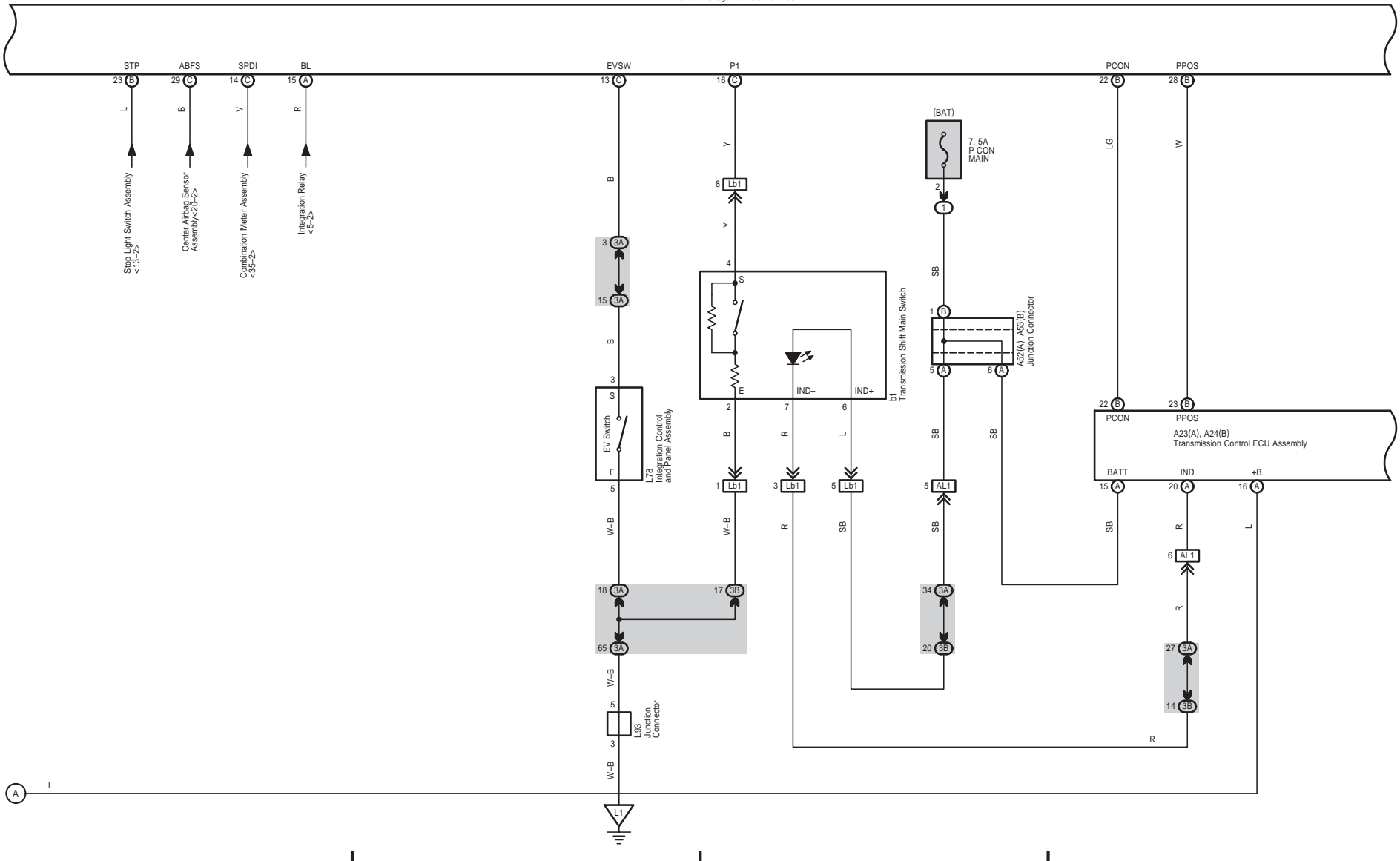
PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control RHD)

25 26 27 28

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU



PRIUS (EM12A0E)

Multiplex Communication System (Power Train Control RHD)

* 1 : w/ ID Code Box
 * 2 : w/o ID Code Box

29

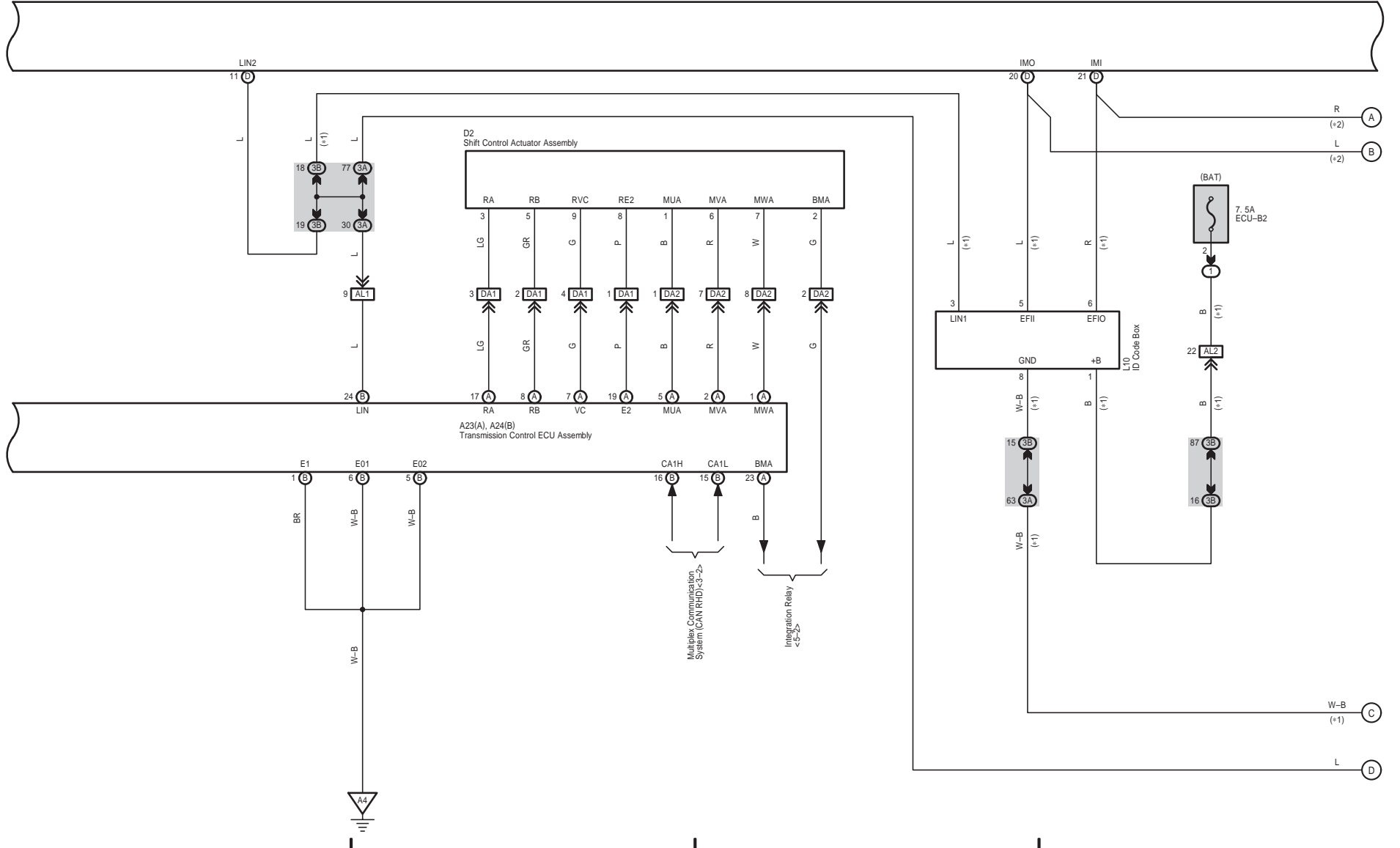
30

31

32

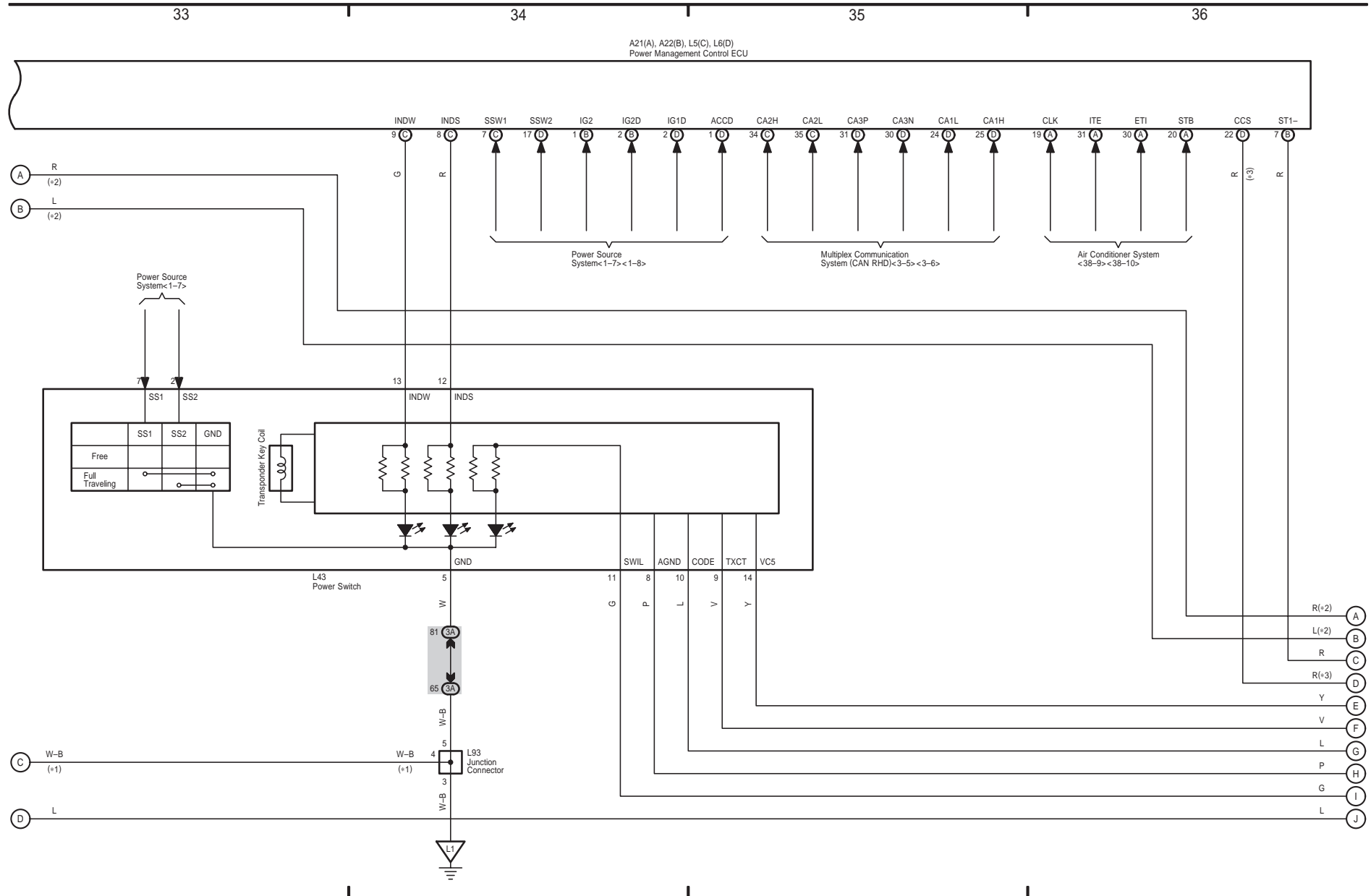
A21(A), A22(B), L5(C), L6(D)
 Power Management Control ECU

PRIUS (EM12A0E)



Multiplex Communication System (Power Train Control RHD)

- * 1 : w/ ID Code Box
- * 2 : w/o ID Code Box
- * 3 : w/o Dynamic Radar Cruise Control



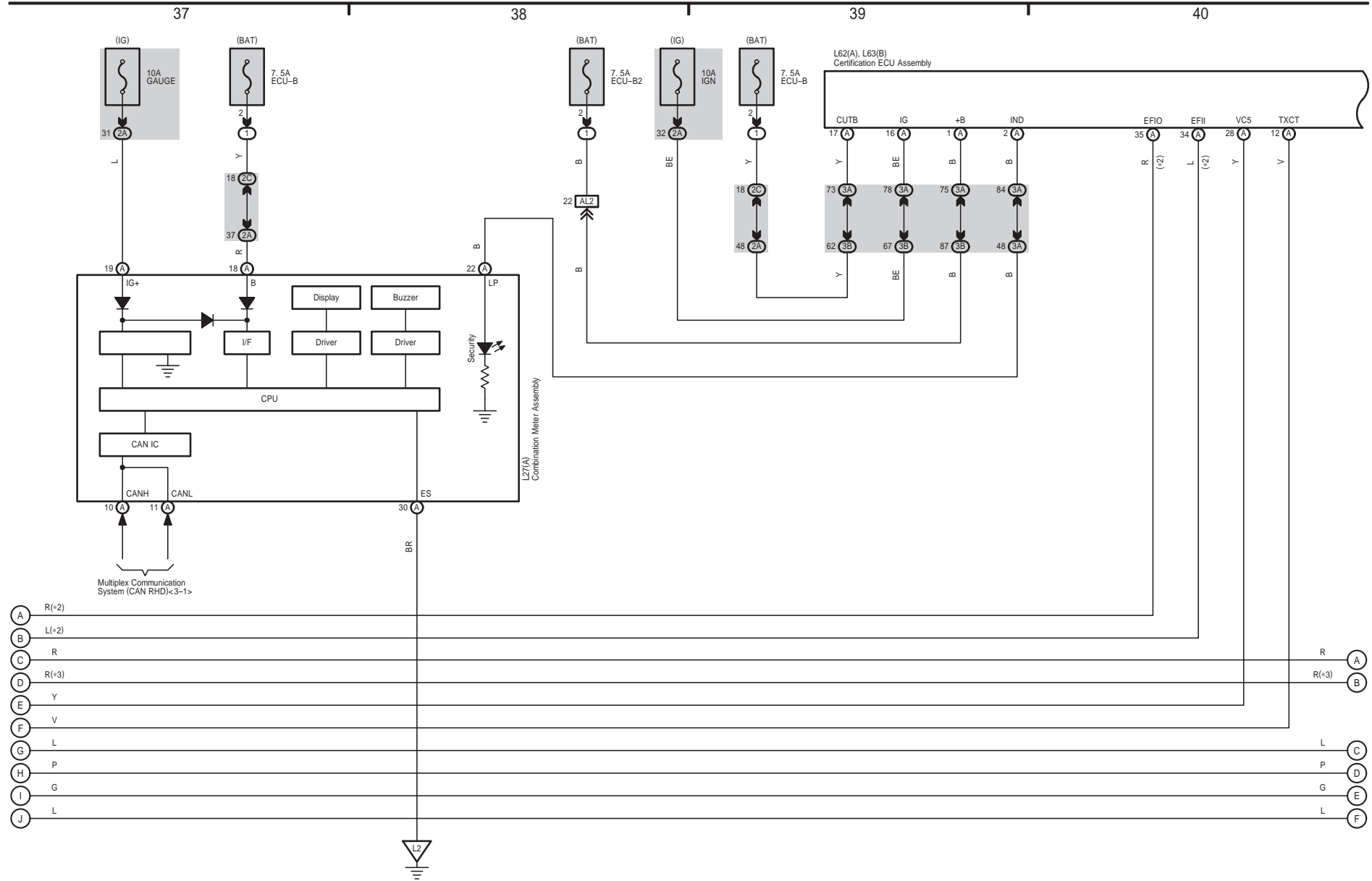
PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (Power Train Control RHD)

* 2 : w/o ID Code Box
 * 3 : w/o Dynamic Radar Cruise Control

PRIUS (EM12A0E)

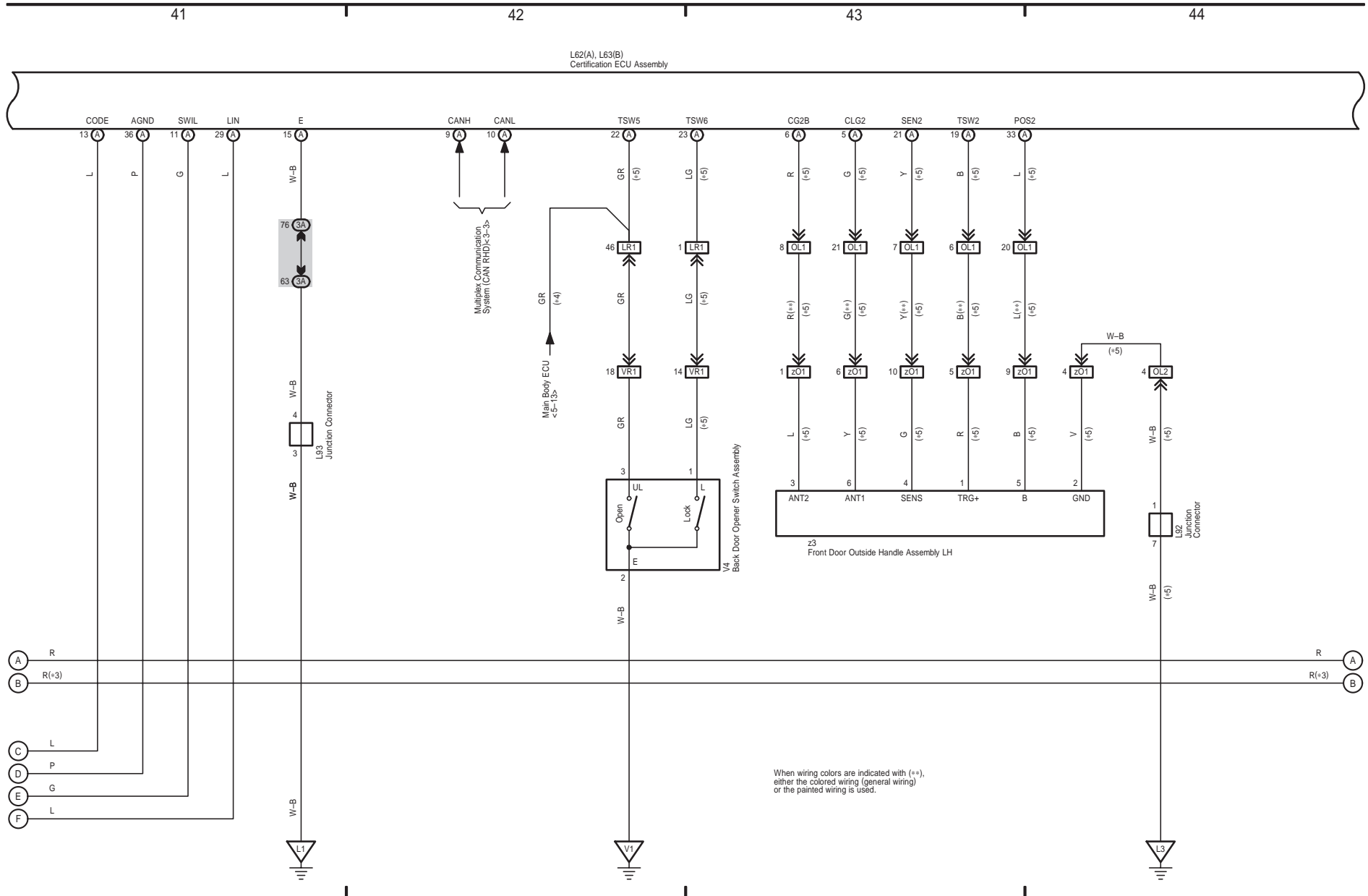


Multiplex Communication System (Power Train Control RHD)

* 3 : w/o Dynamic Radar Cruise Control
 * 4 : Driver's Door Only Entry System
 * 5 : Except *4

PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM



Multiplex Communication System (Power Train Control RHD)

- * 3 : w/o Dynamic Radar Cruise Control
- * 4 : Driver's Door Only Entry System
- * 5 : Except *4

45

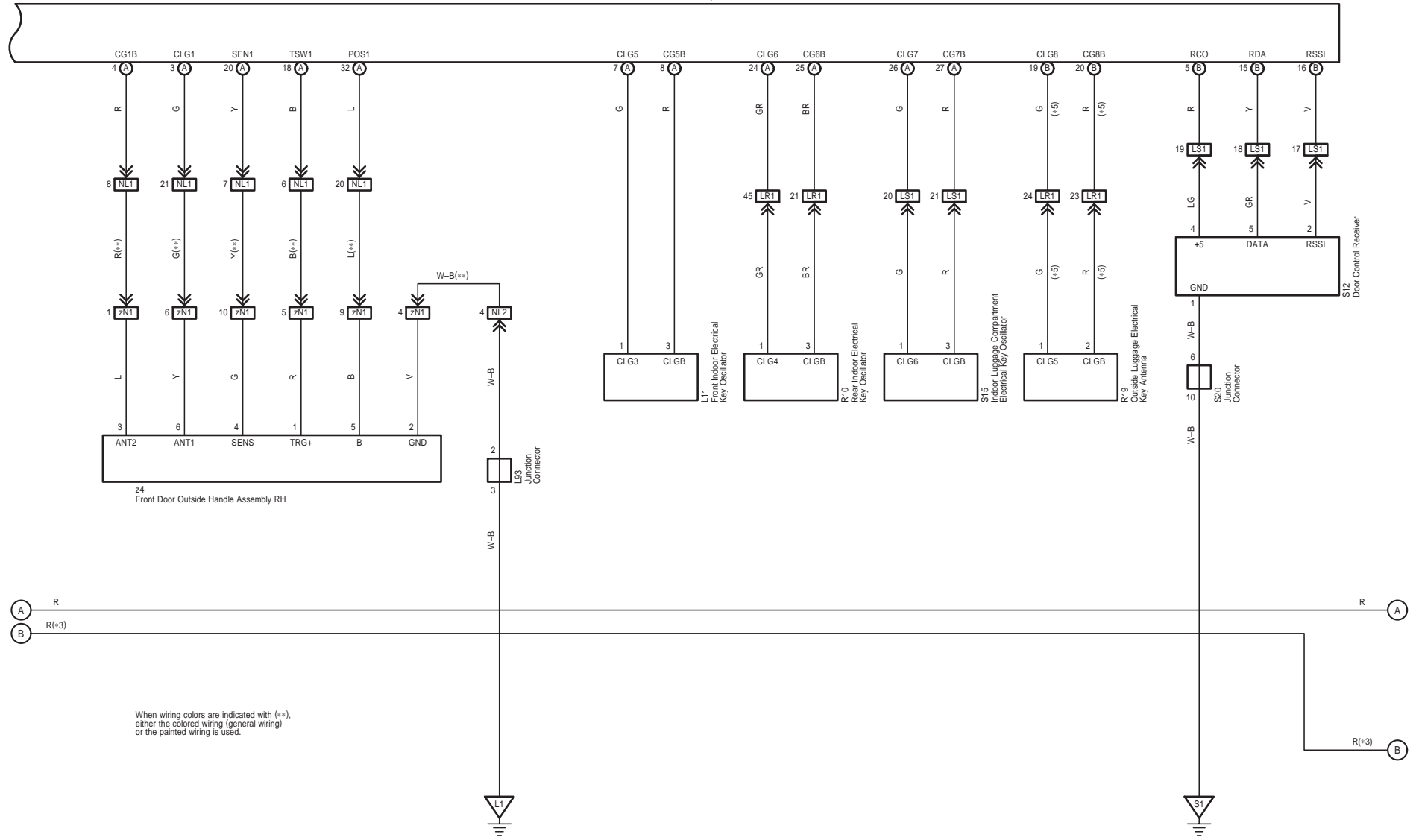
46

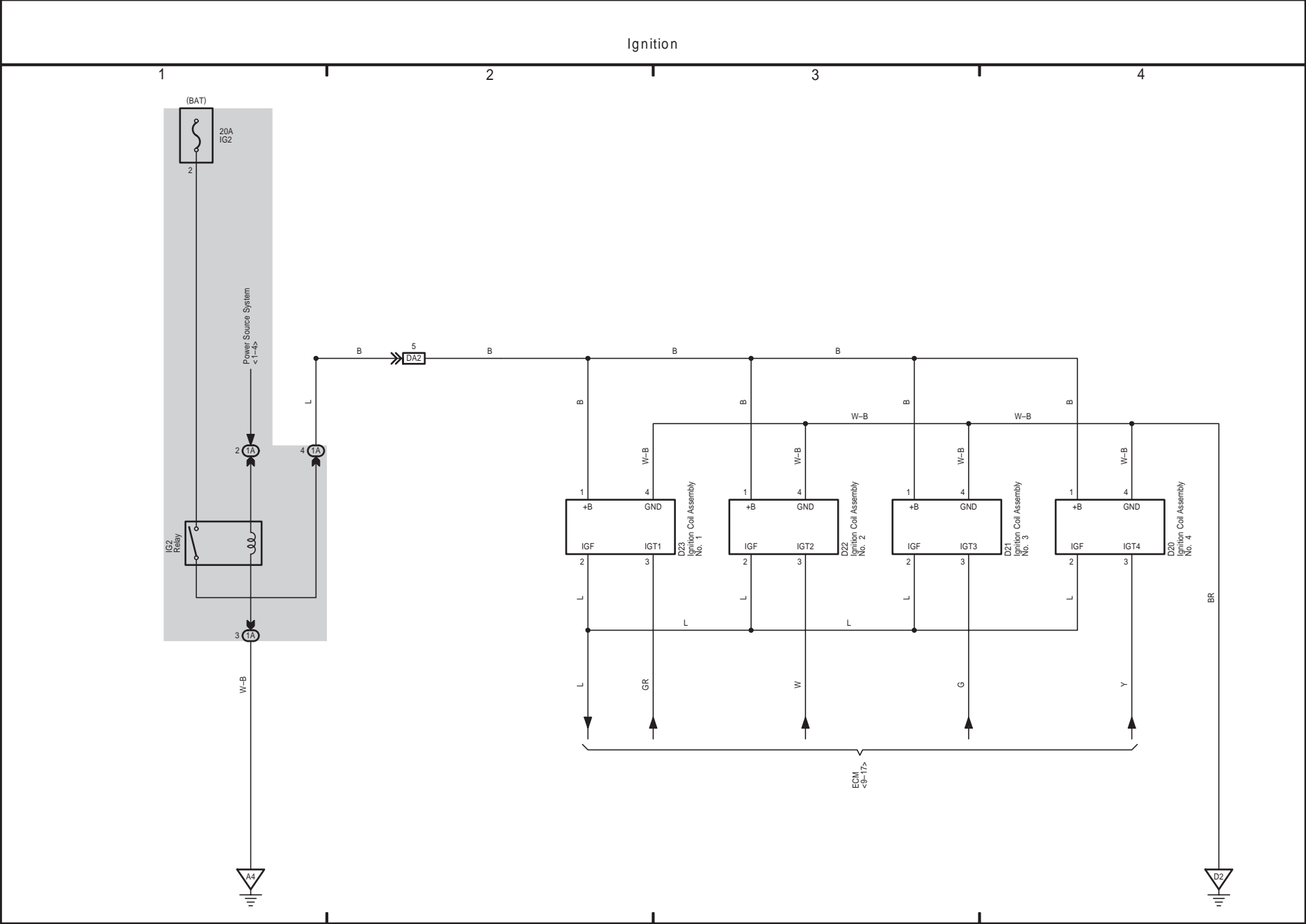
47

48

L62(A), L63(B)
Certification ECU Assembly

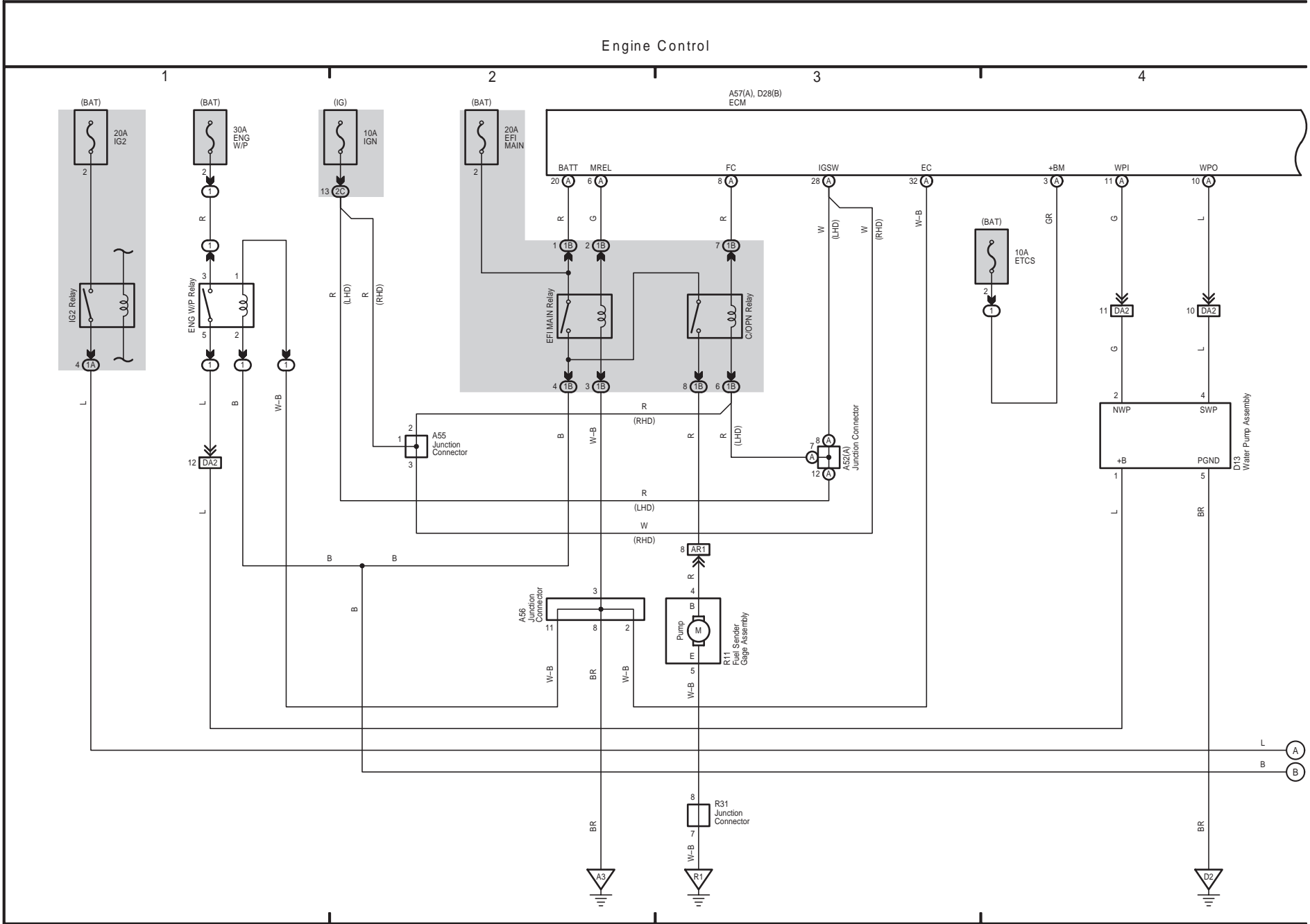
PRIUS (EM12A0E)





PRIUS (EM12A0E)

PRIUS (EM12A0E)

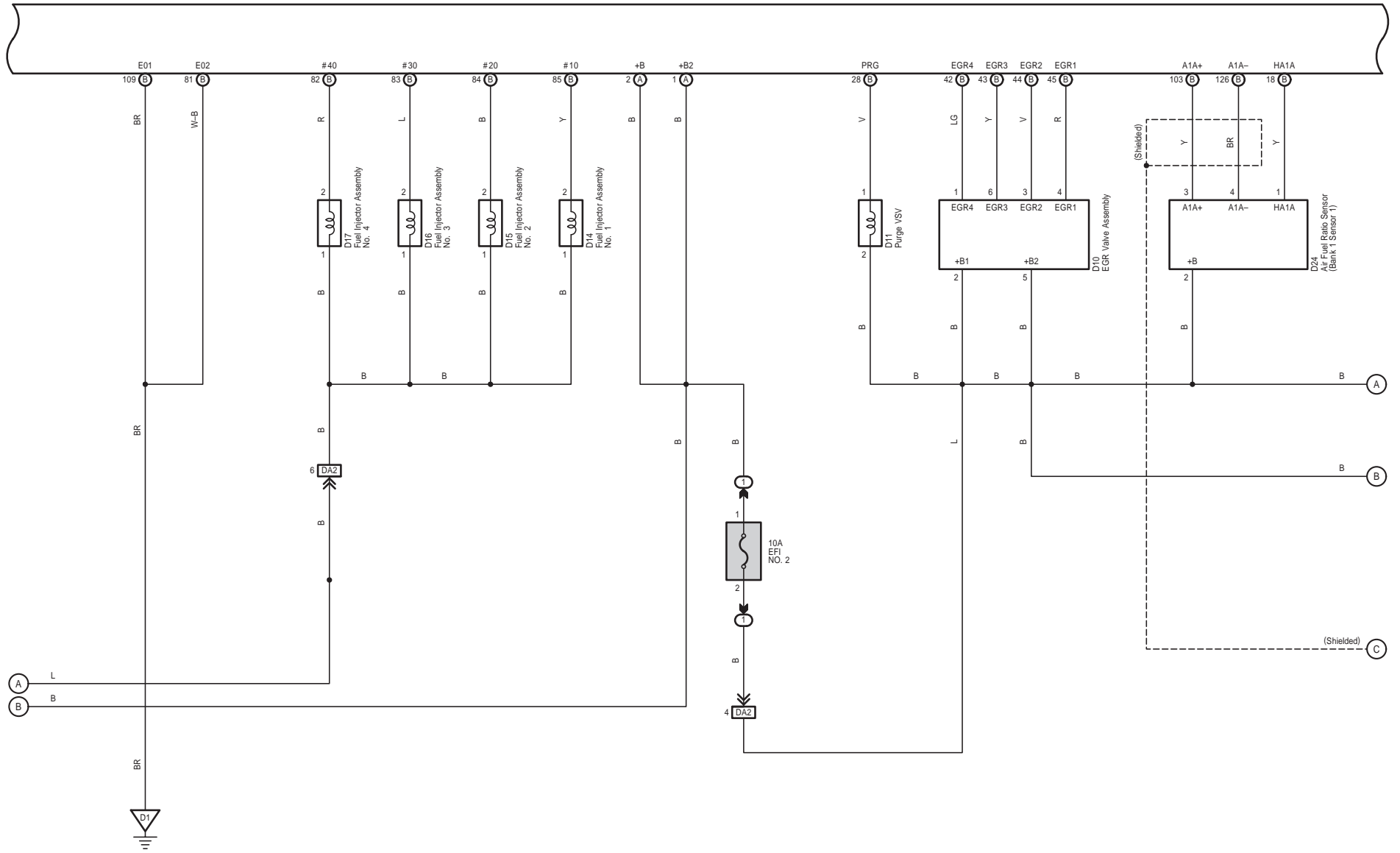


Engine Control

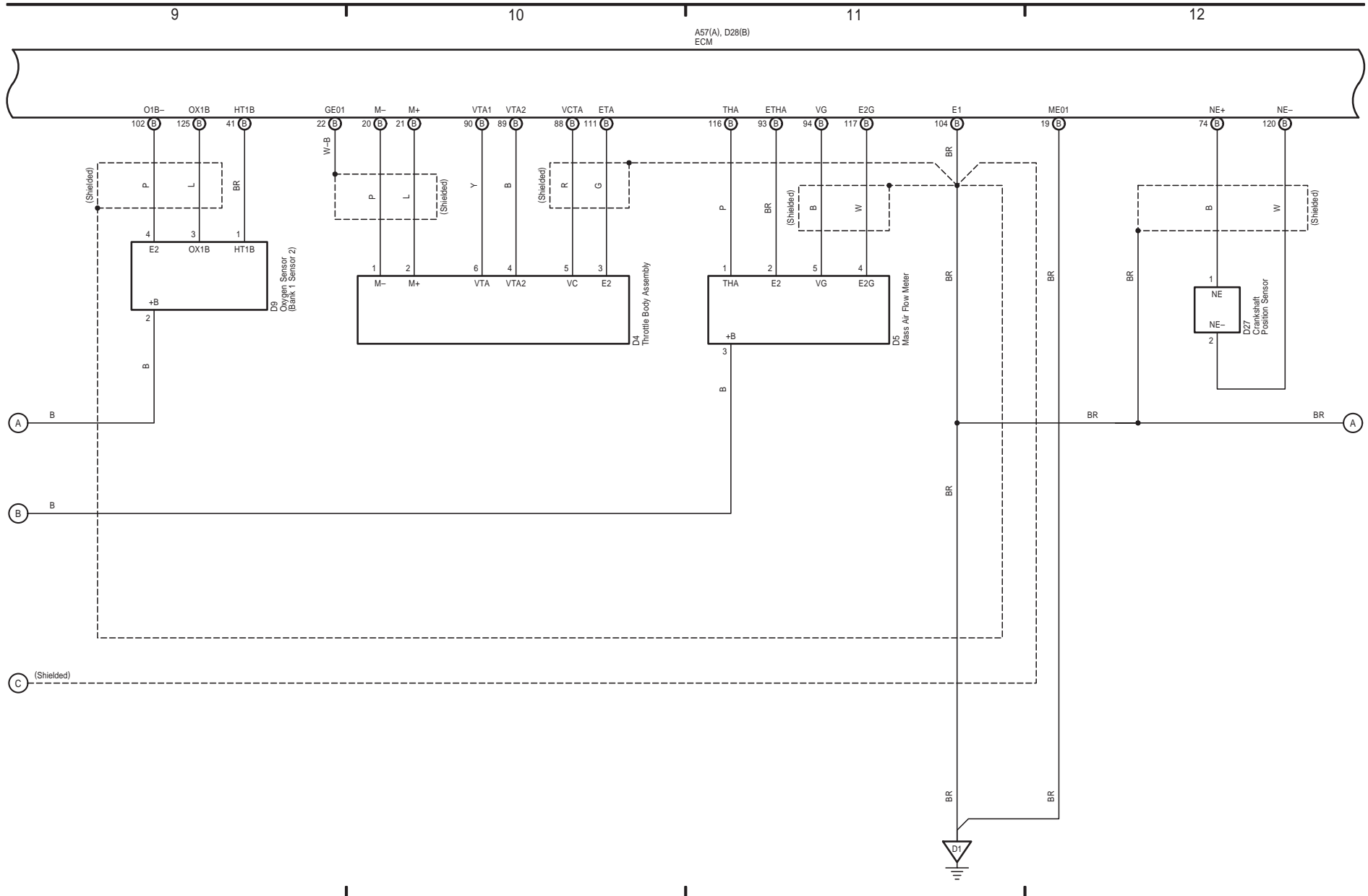
5 6 7 8

A57(A), D28(B)
ECM

PRIUS (EM12A0E)



Engine Control



PRIUS (EM12A0E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Engine Control

13

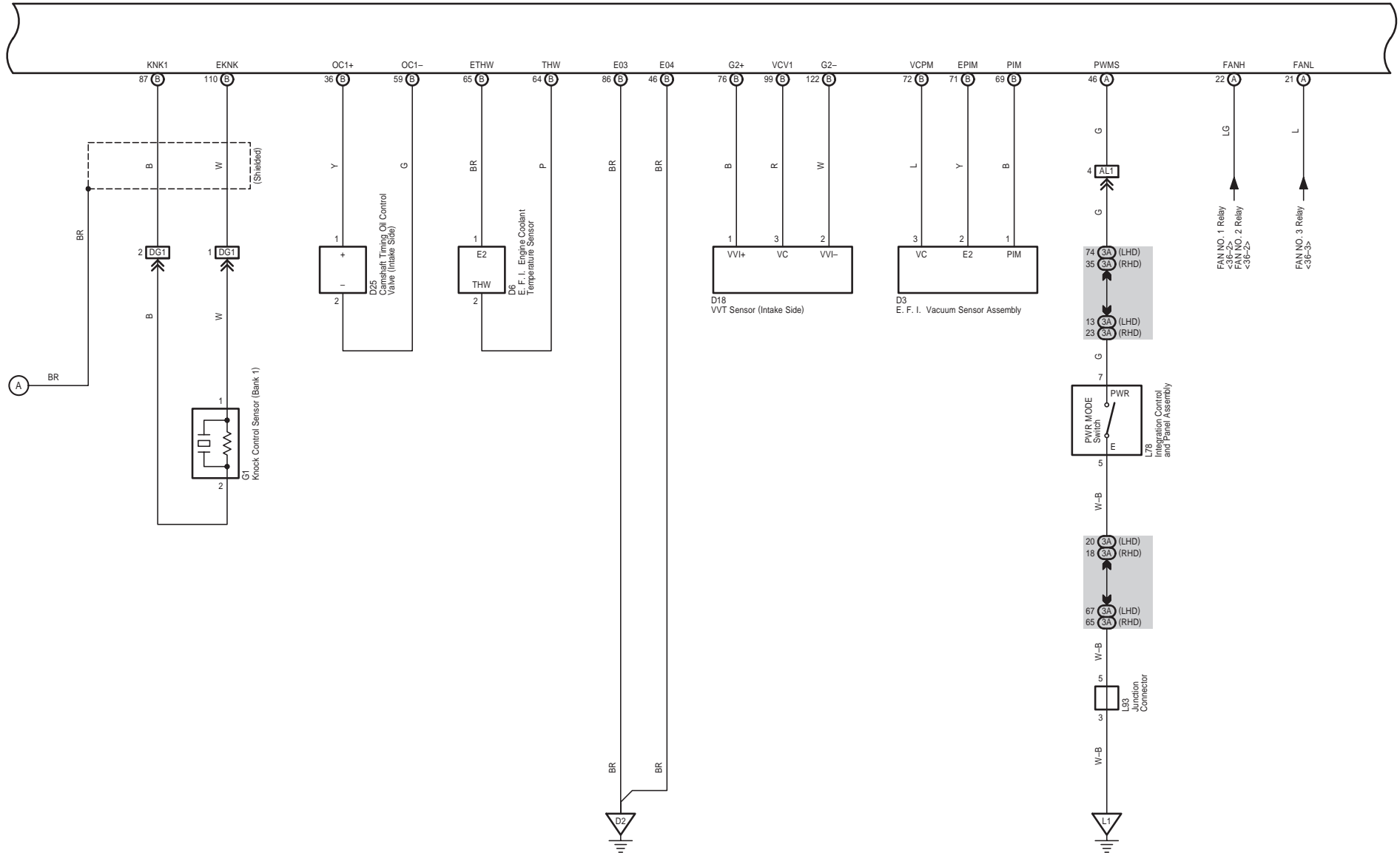
14

15

16

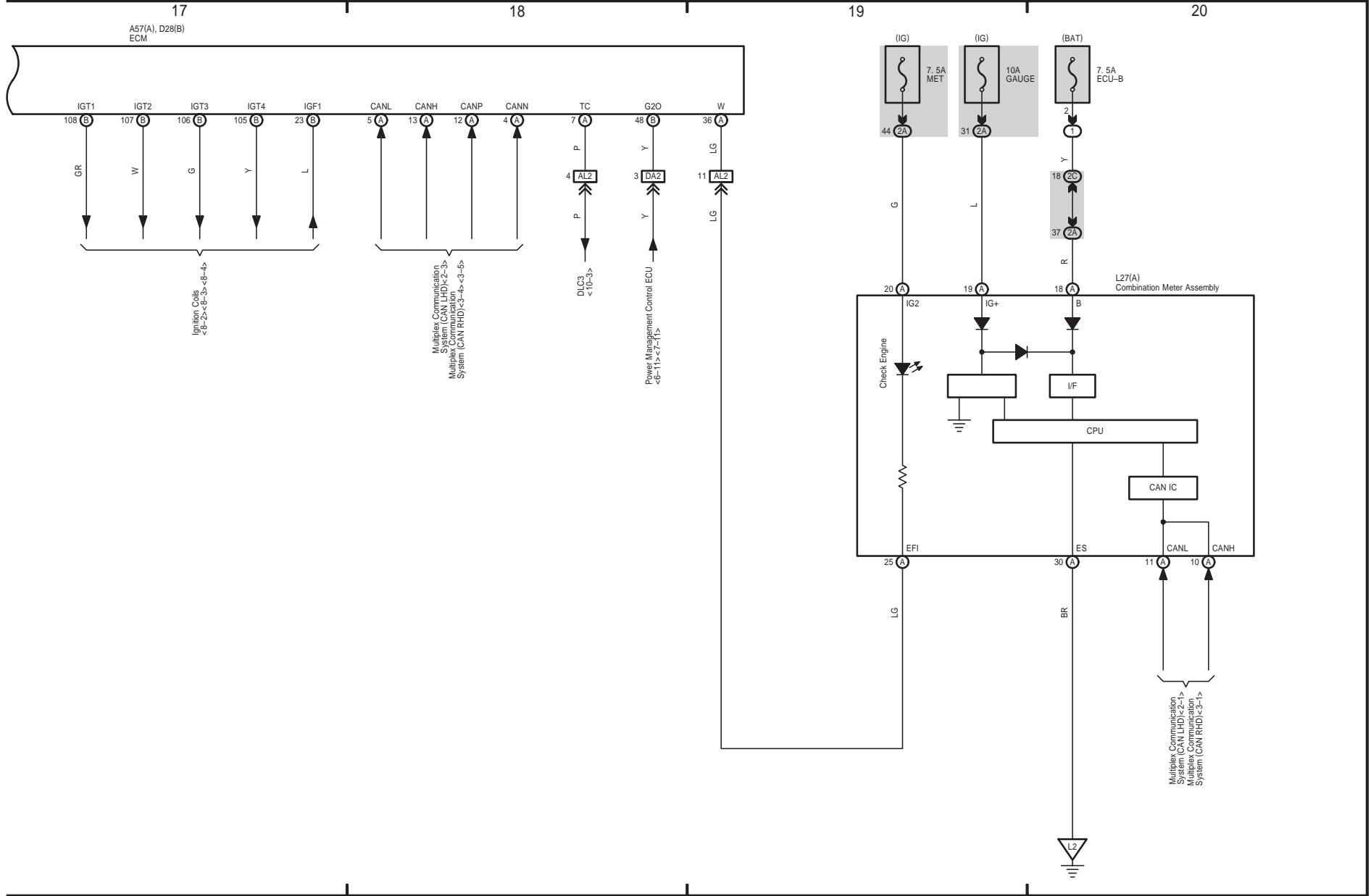
A57(A), D28(B)
ECM

PRIUS (EM12A0E)

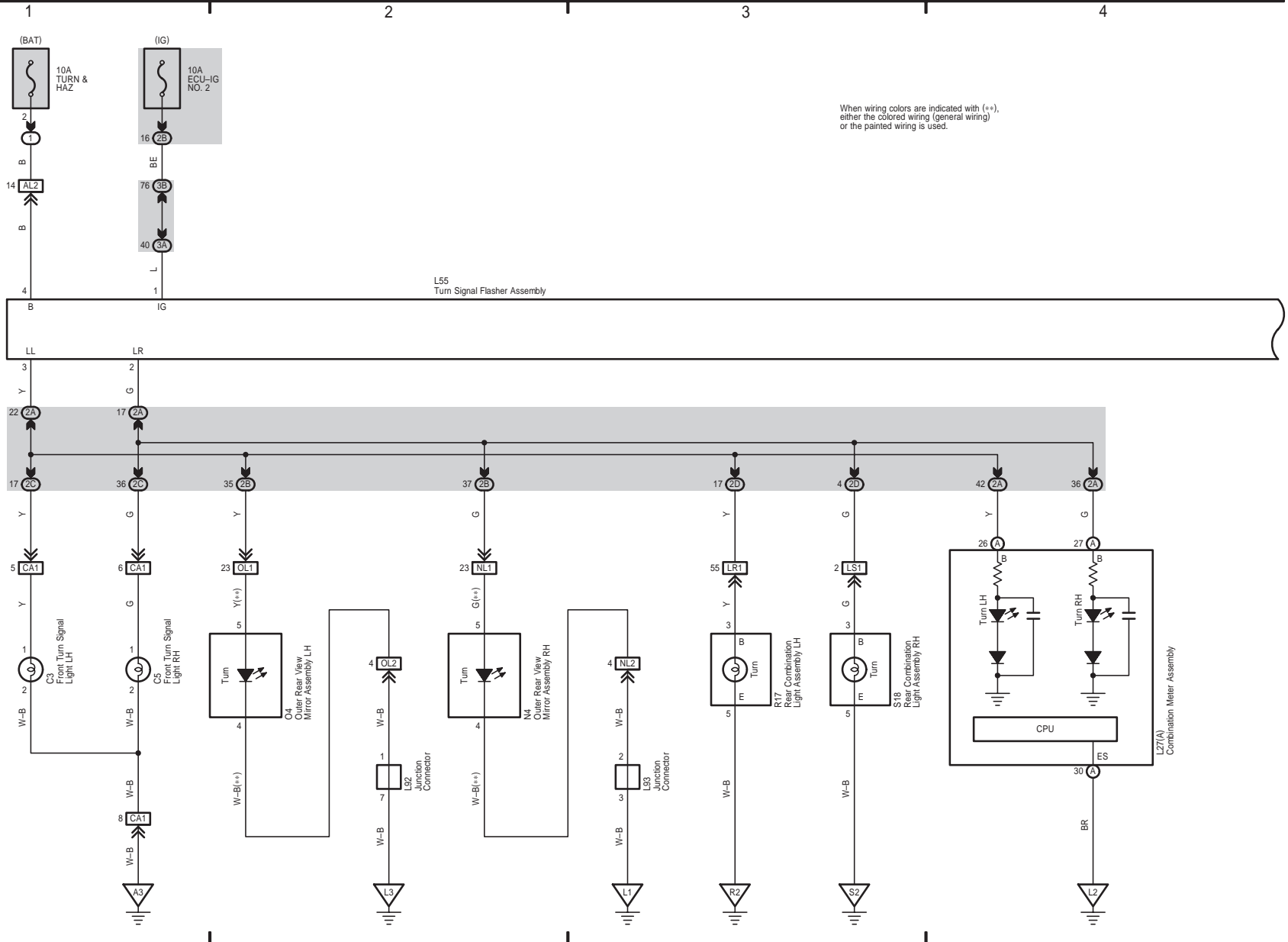


9 PRIUS (Cont' d)

Engine Control



Turn Signal and Hazard Warning Light (LHD)

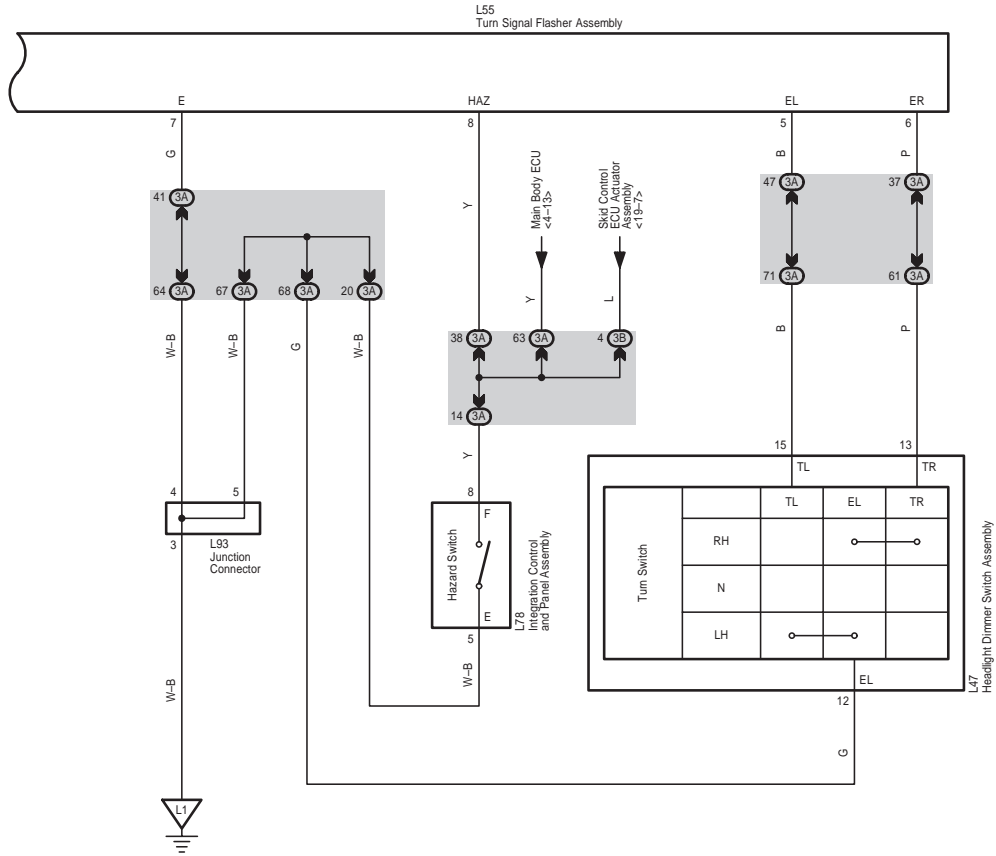


When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

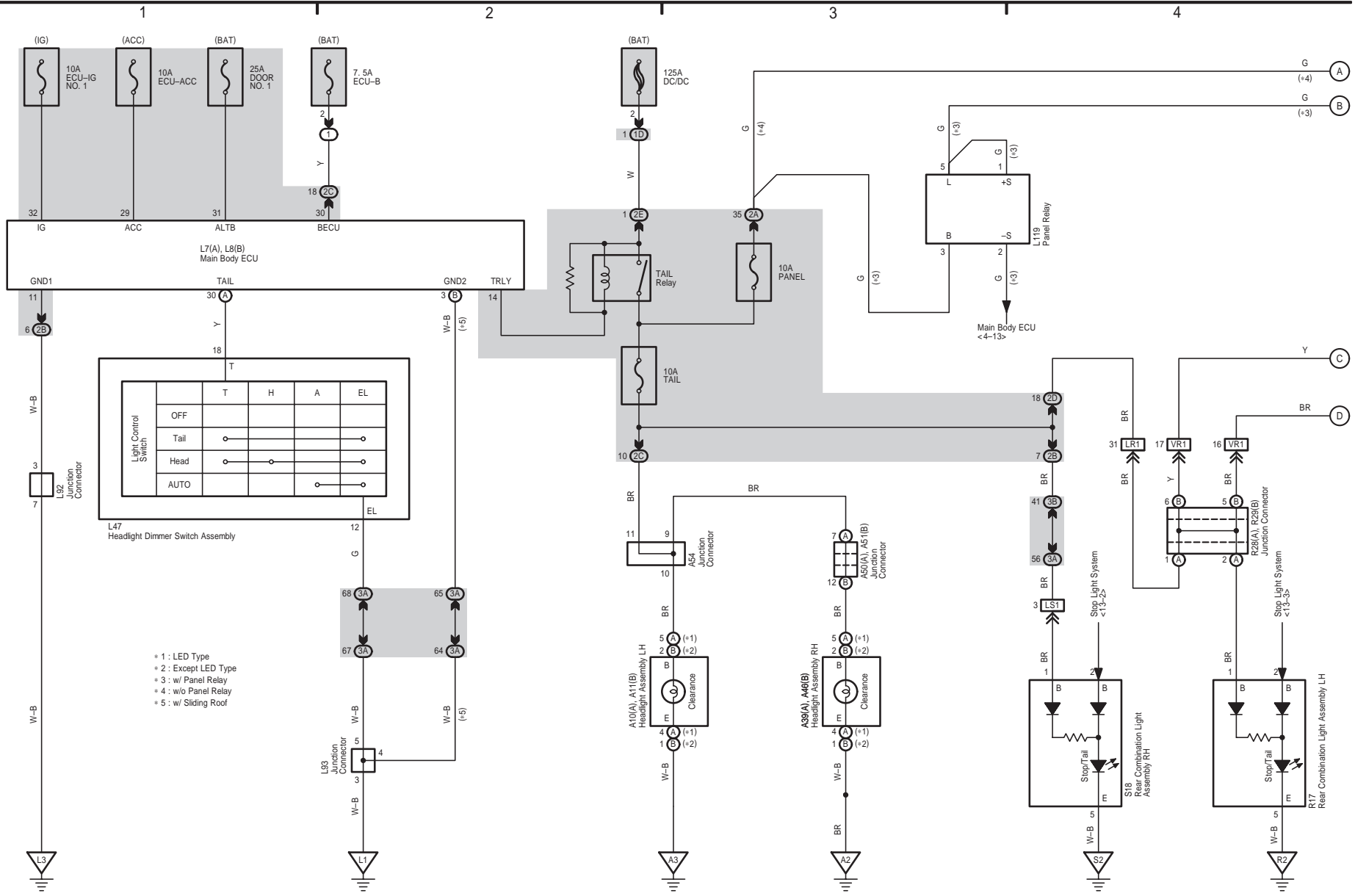
Turn Signal and Hazard Warning Light (LHD)

5 6 7 8

PRIUS (EM12A0E)



Taillight and Illumination (LHD)

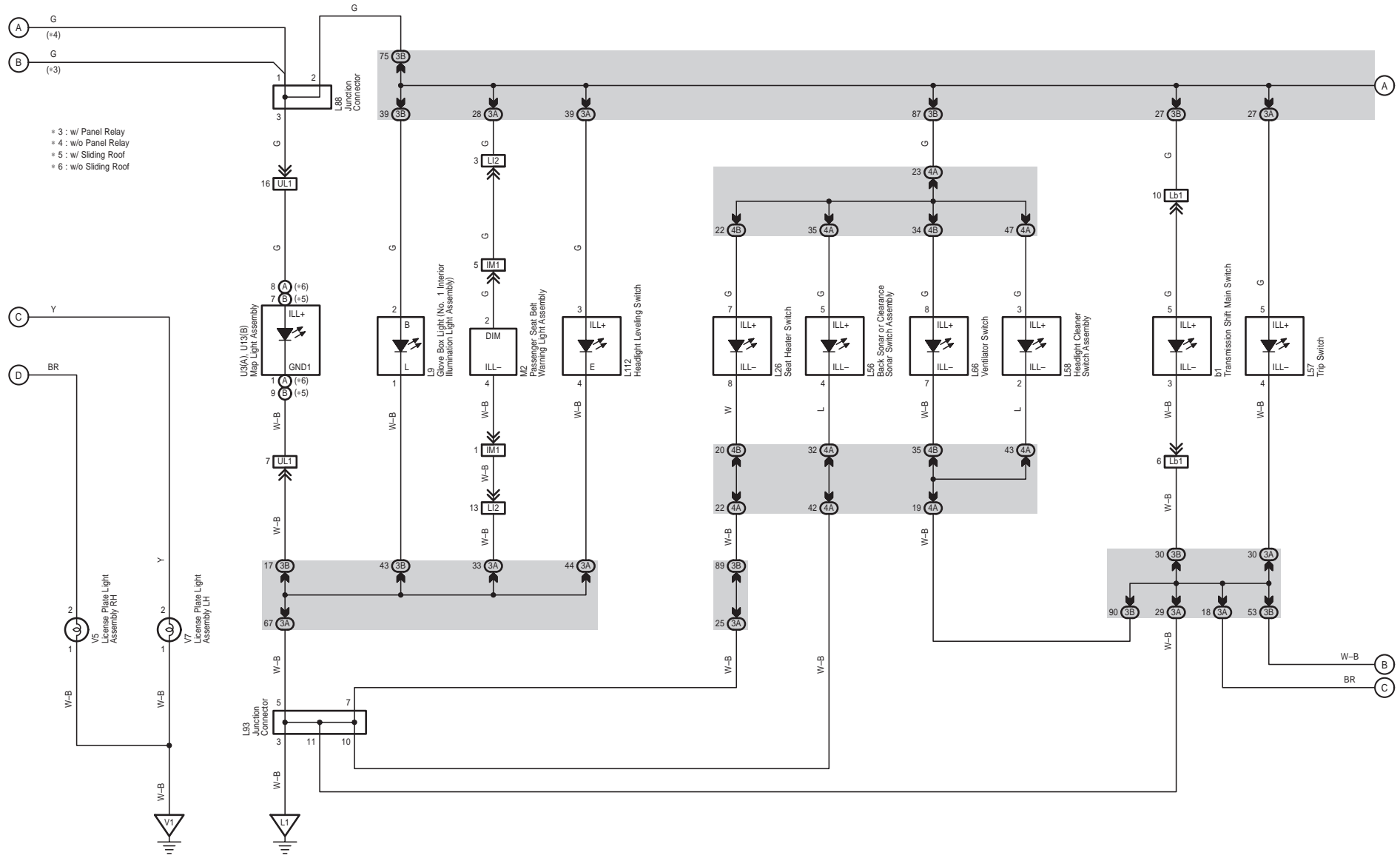


PRIUS (EM12A0E)

Taillight and Illumination (LHD)

5 | 6 | 7 | 8

PRIUS (EM12A0E)

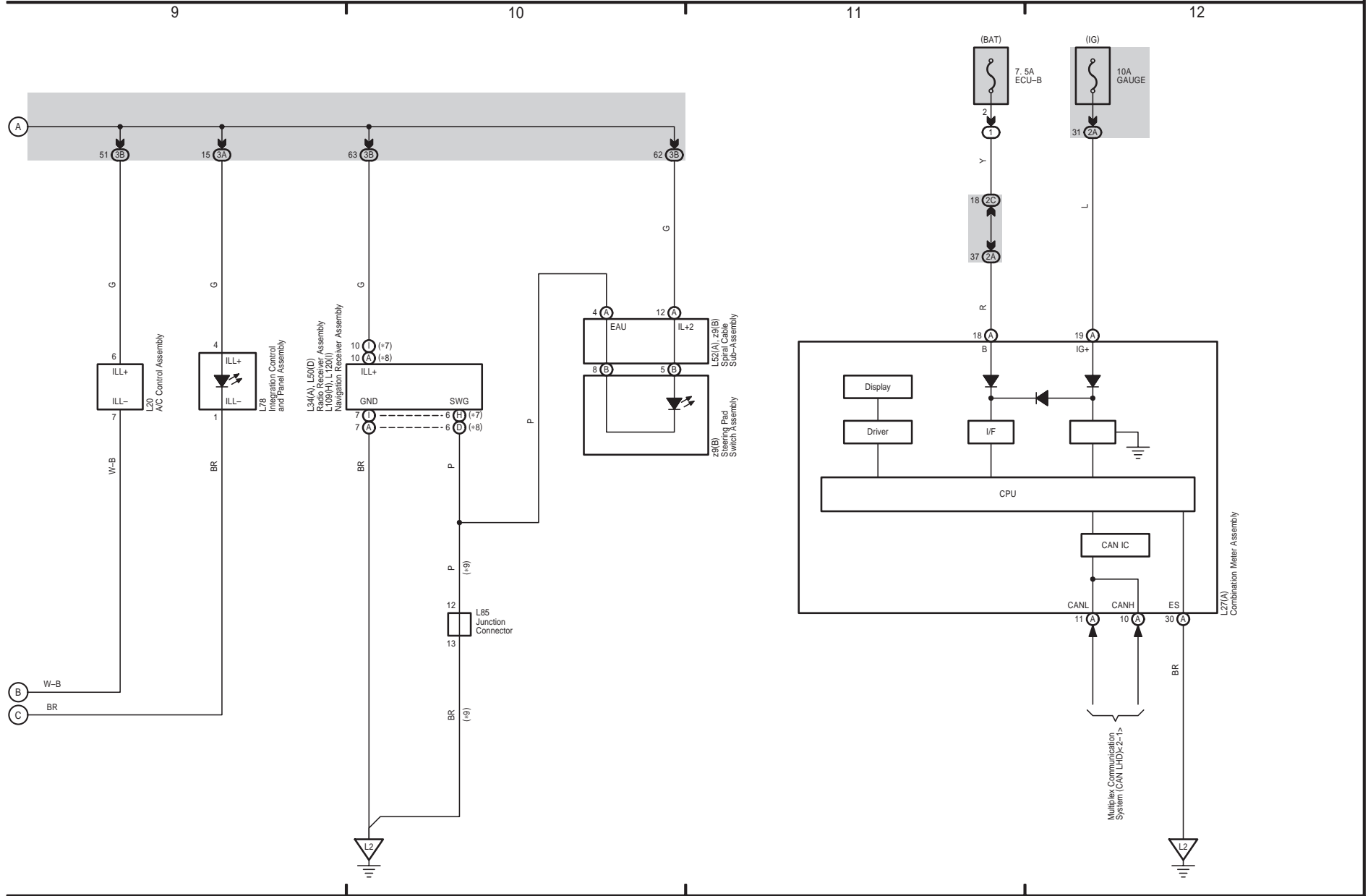


- * 3 : w/ Panel Relay
- * 4 : w/o Panel Relay
- * 5 : w/ Sliding Roof
- * 6 : w/o Sliding Roof

14 PRIUS (Cont' d)

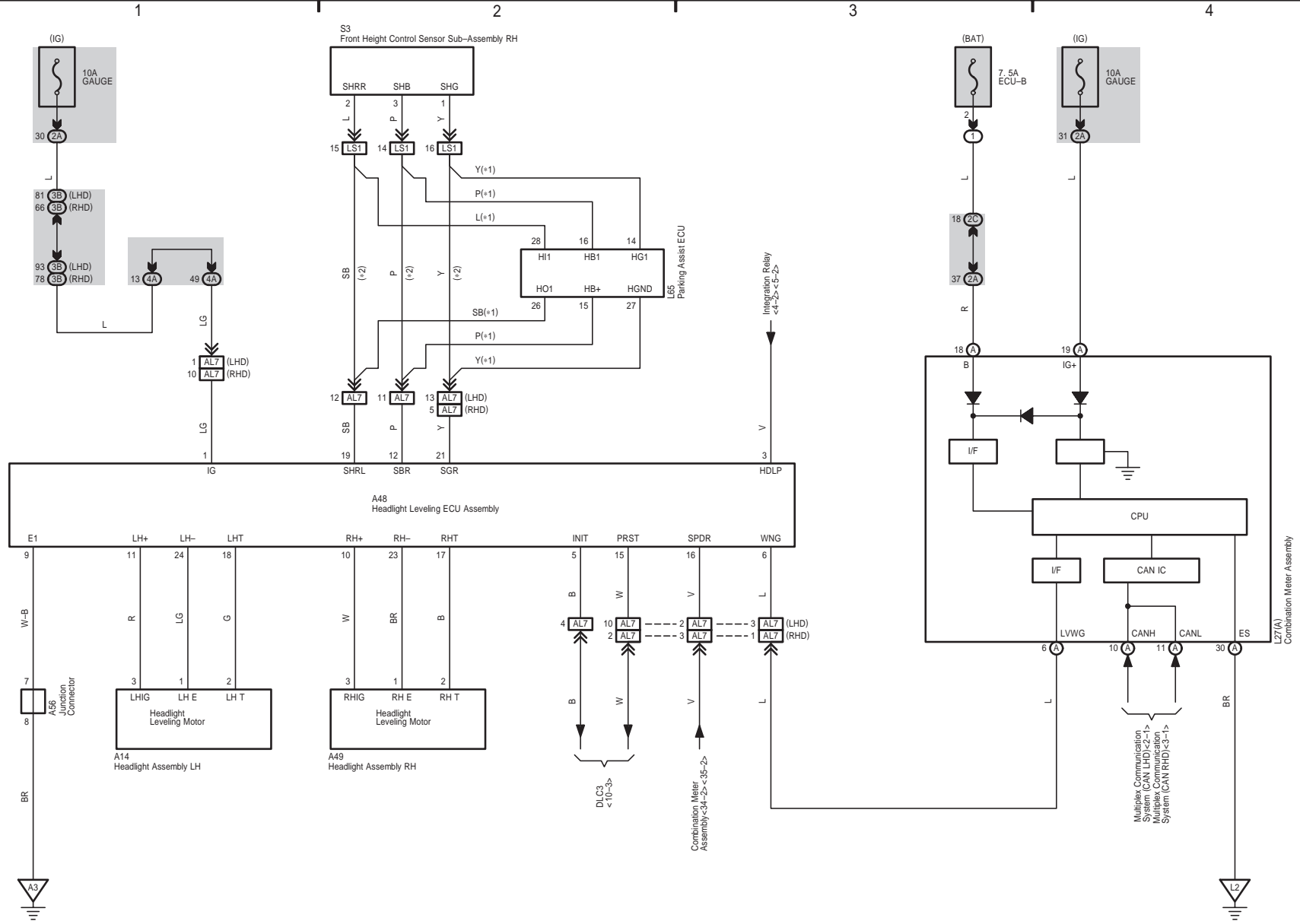
Taillight and Illumination (LHD)

- * 7 : w/ Navigation System
- * 8 : w/o Navigation System
- * 9 : w/ Intelligent Parking Assist



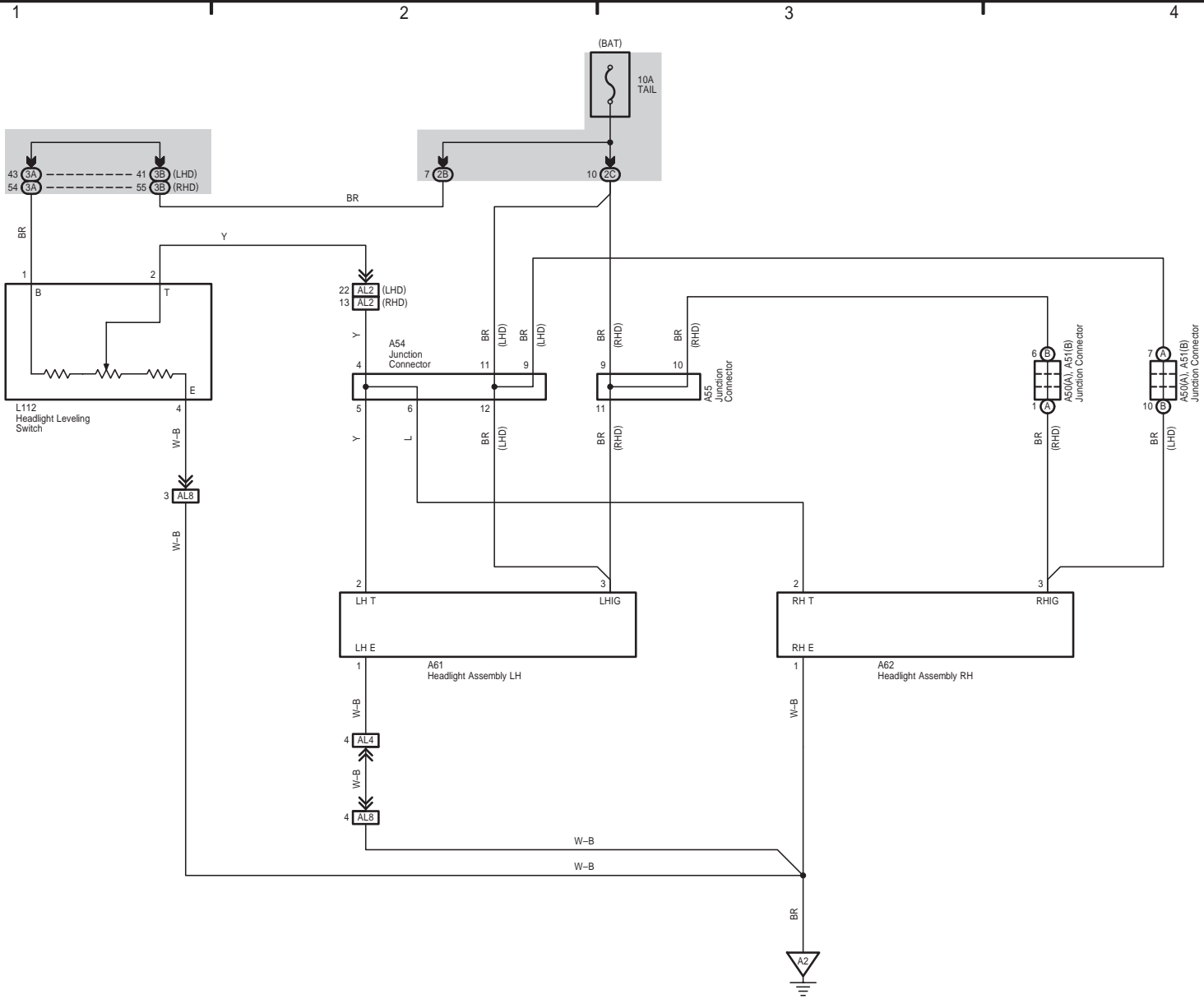
Headlight Beam Level Control (Automatic)

• 1 : w/ Intelligent Parking Assist
 • 2 : w/o Intelligent Parking Assist



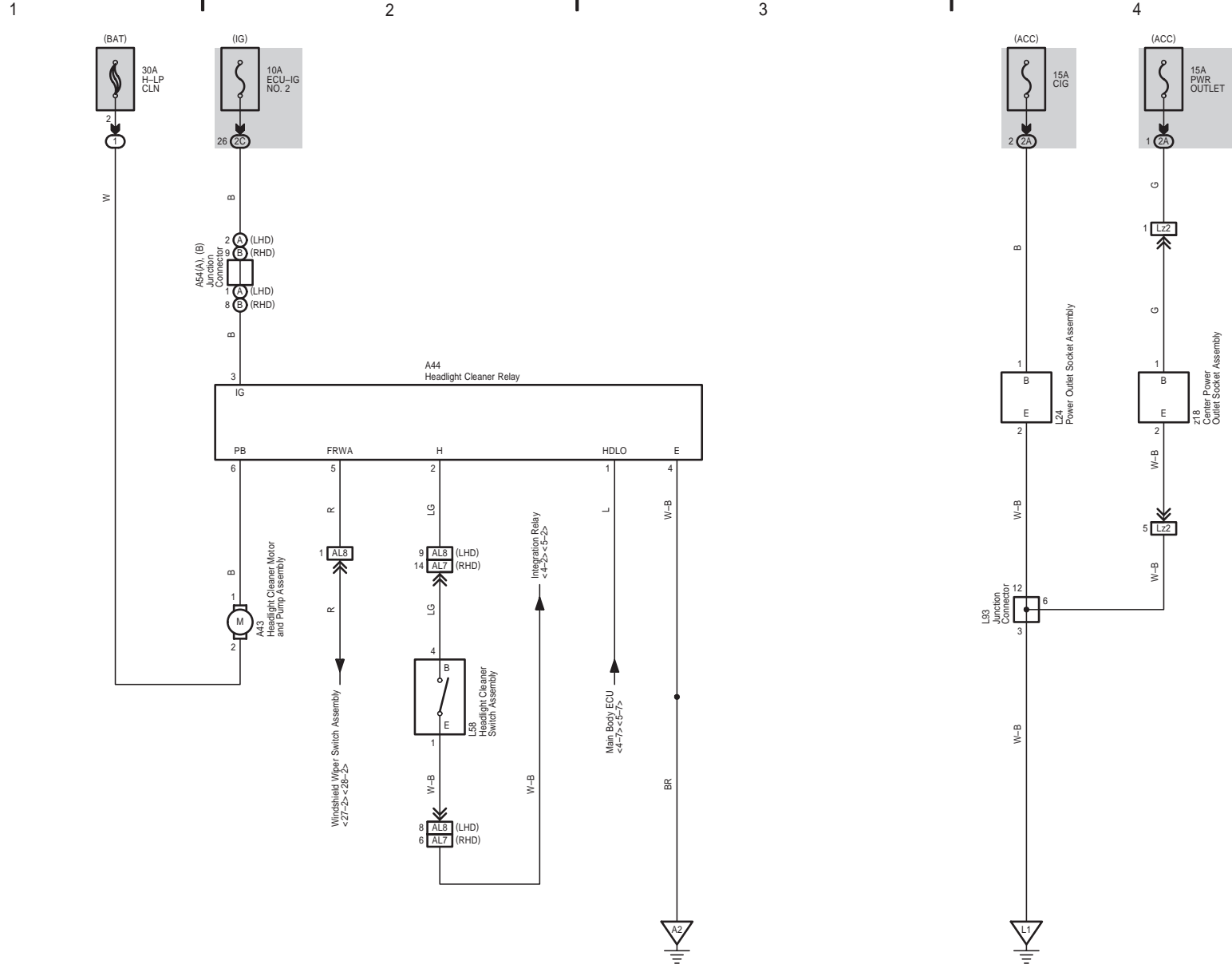
PRIUS (EM12A0E)

Headlight Beam Level Control (Manual)



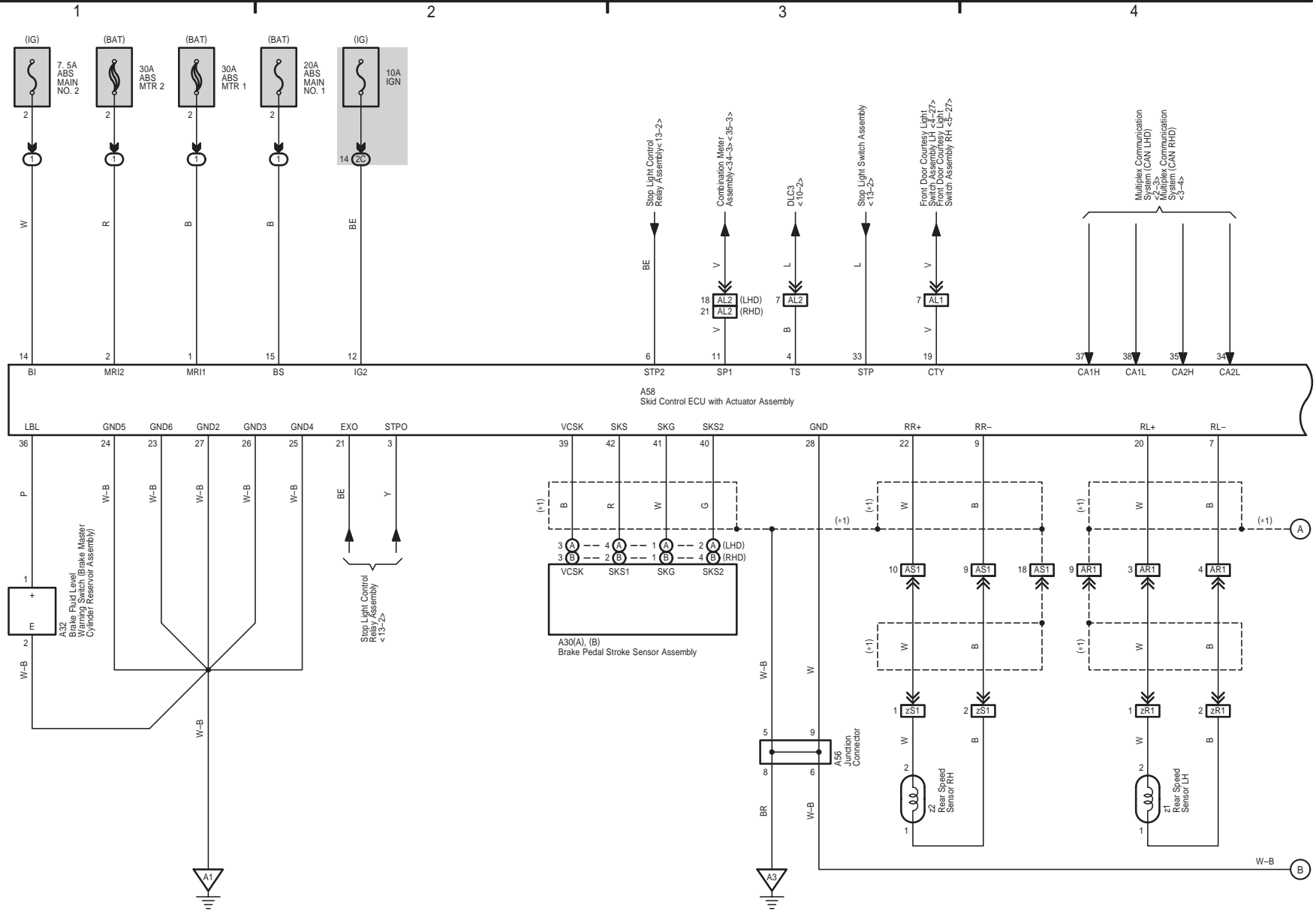
Headlight Cleaner

Power Outlet



ABS, TRC and VSC

* 1 : Shielded

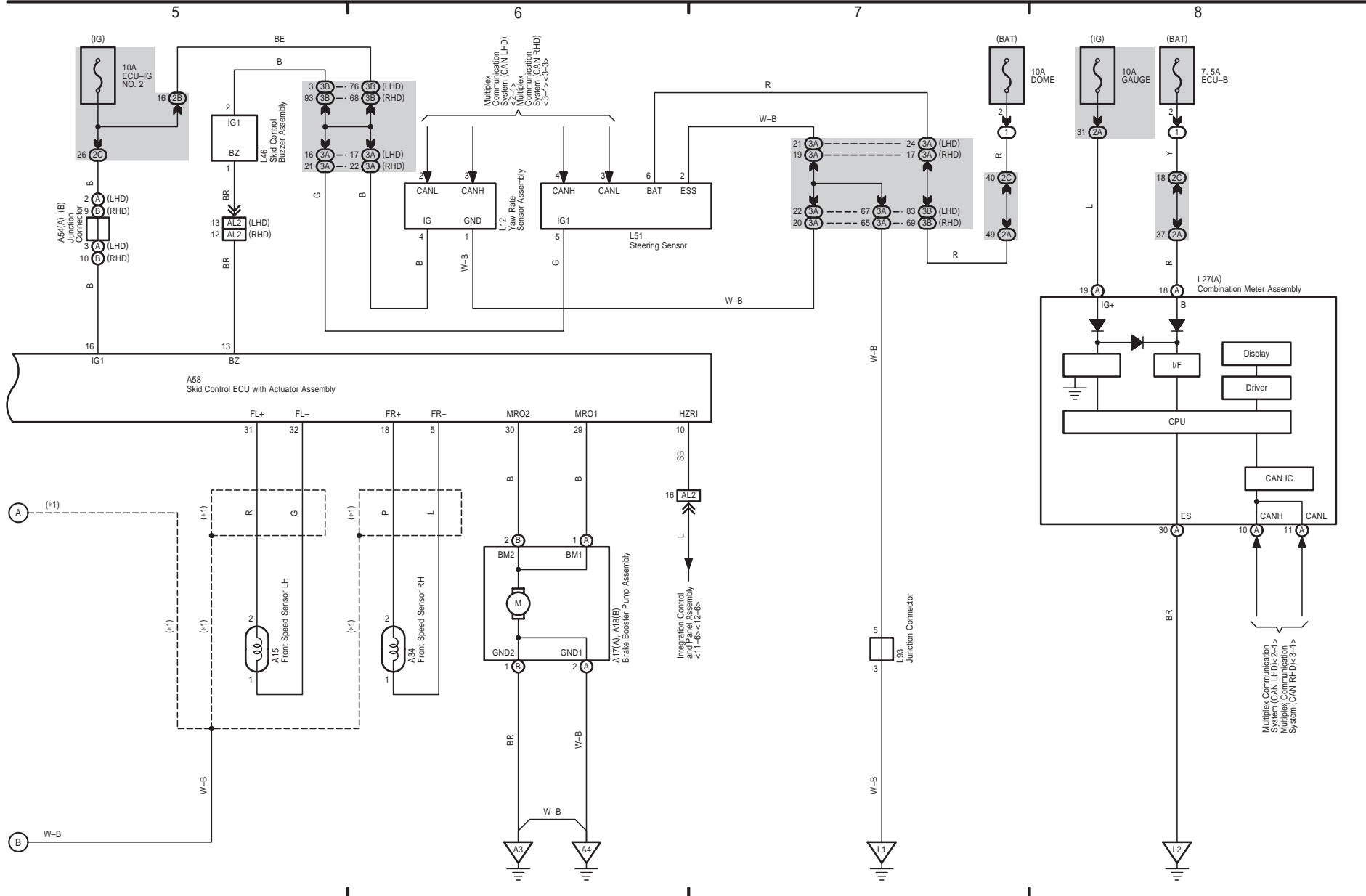


PRIUS (EM12A0E)

OVERALL ELECTRICAL WIRING DIAGRAM

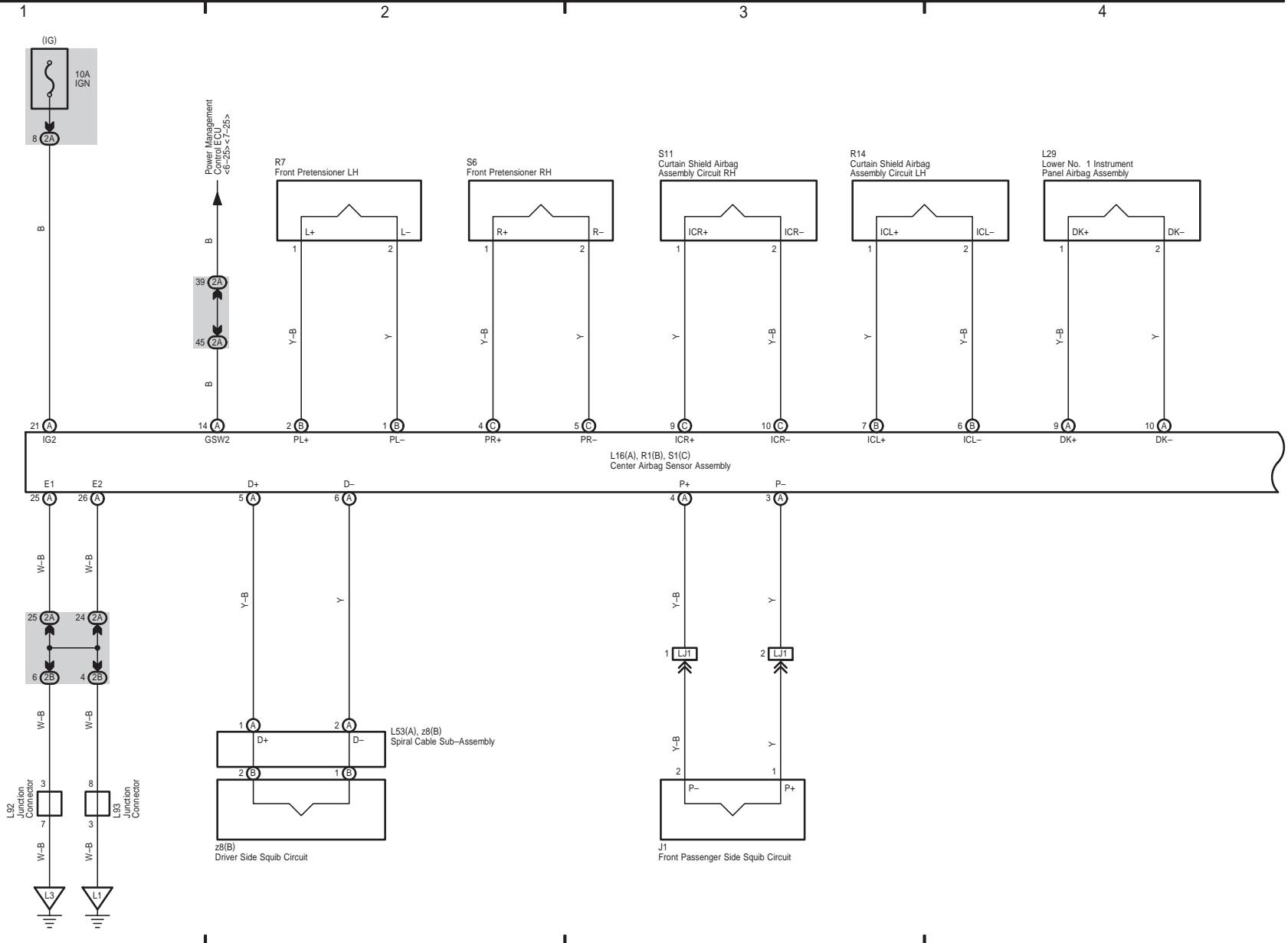
ABS, TRC and VSC

* 1: Shielded



PRIUS (EM12A0E)

SRS

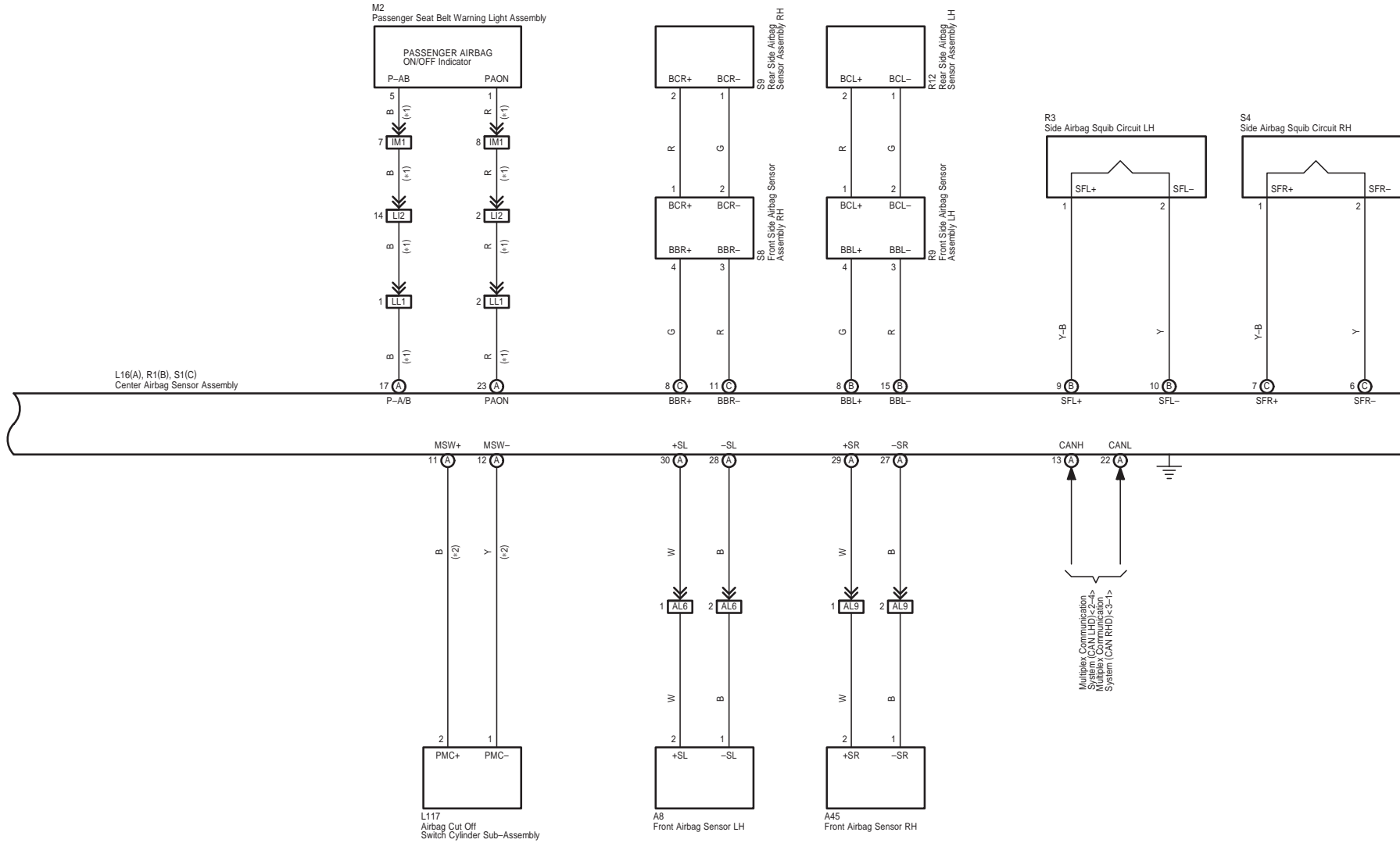


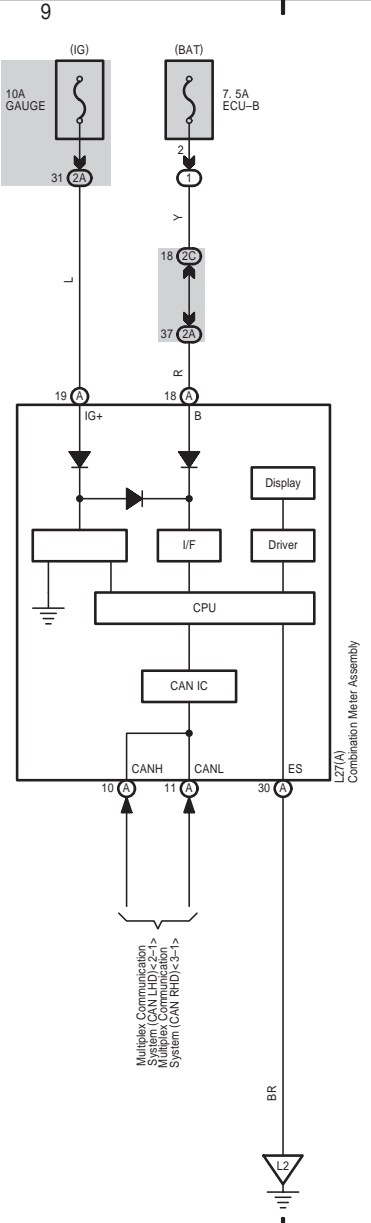
SRS

* 1 : w/ Passenger Airbag Indicator
 * 2 : w/ Passenger Airbag Cut Off Switch

5 6 7 8

PRIUS (EM12A0E)





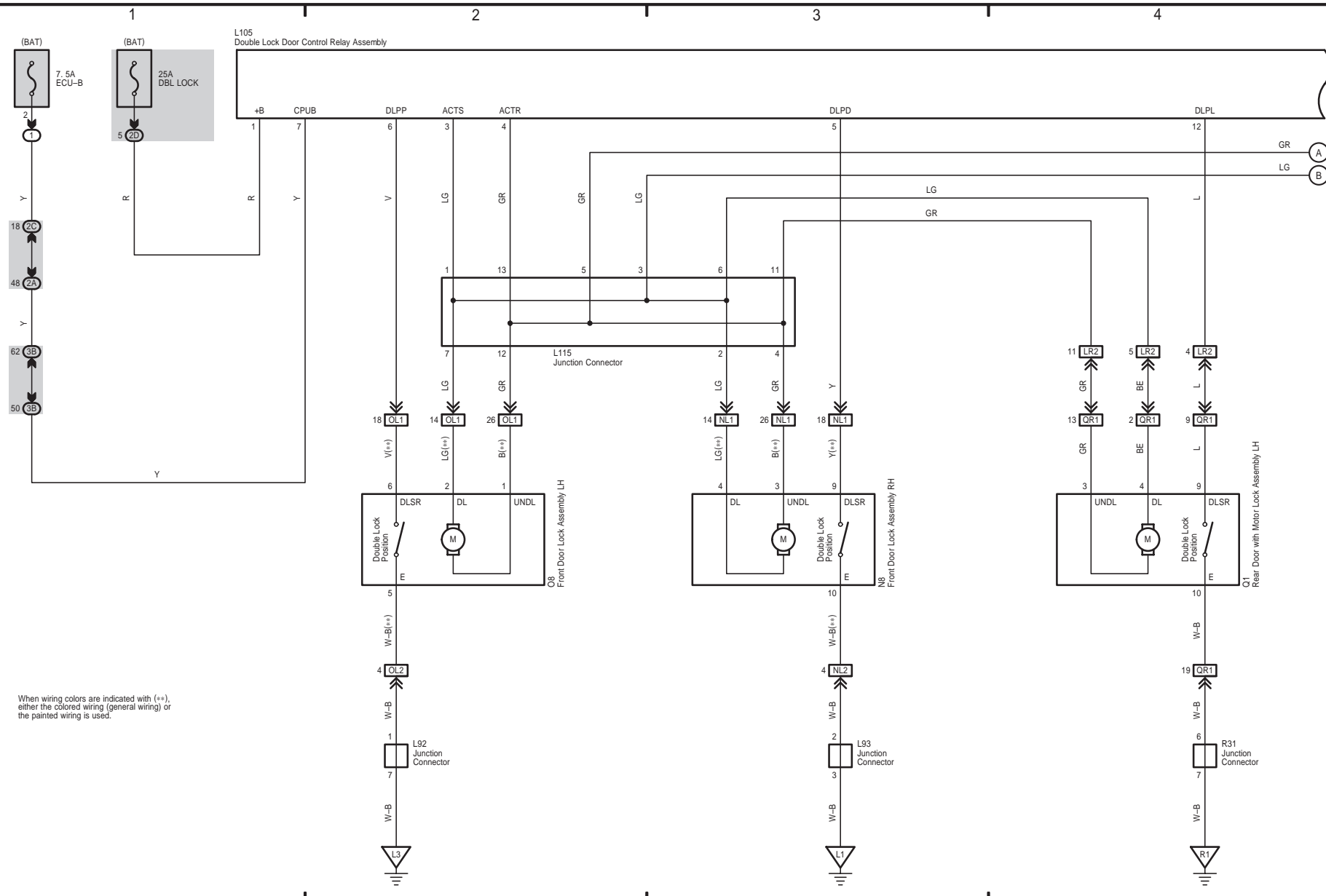
9

10

11

12

Double Locking

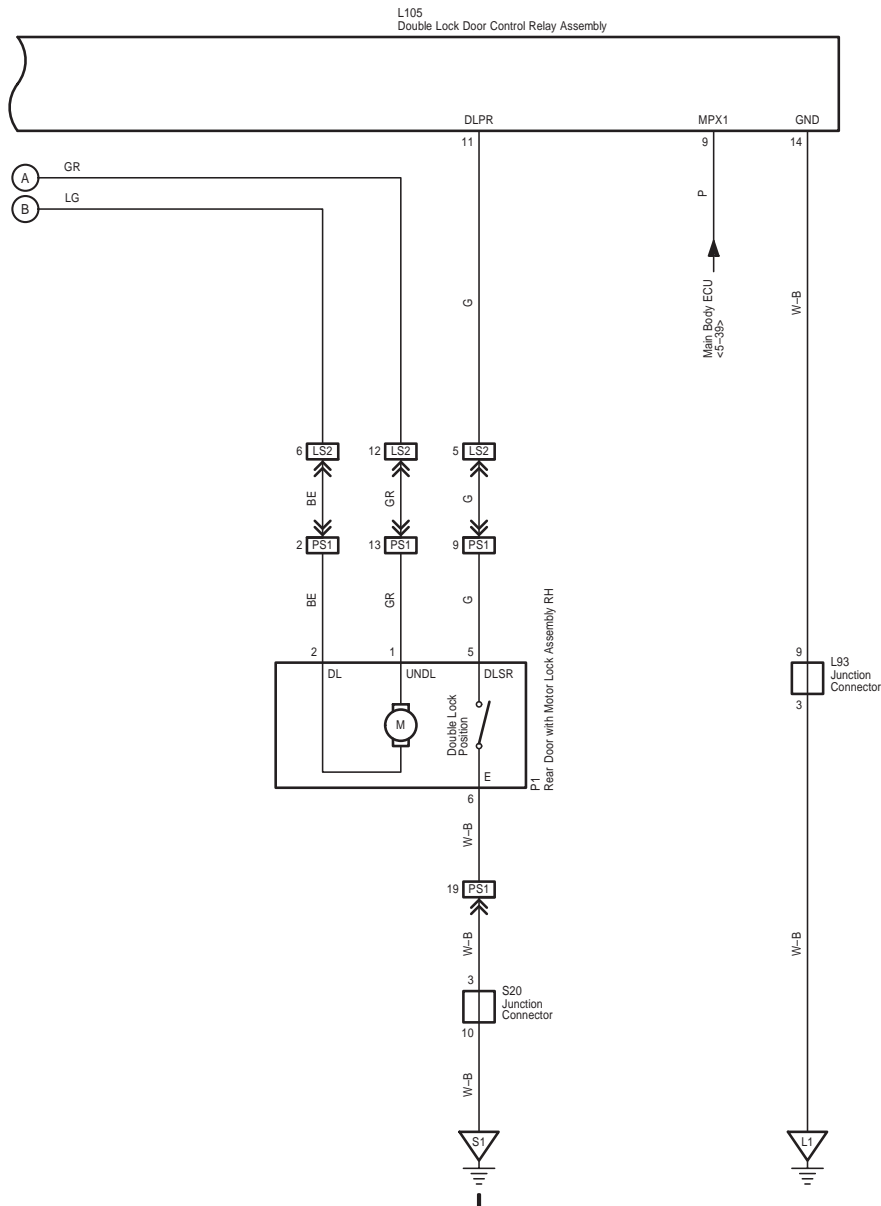


When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

PRIUS (EM12A0E)

Double Locking

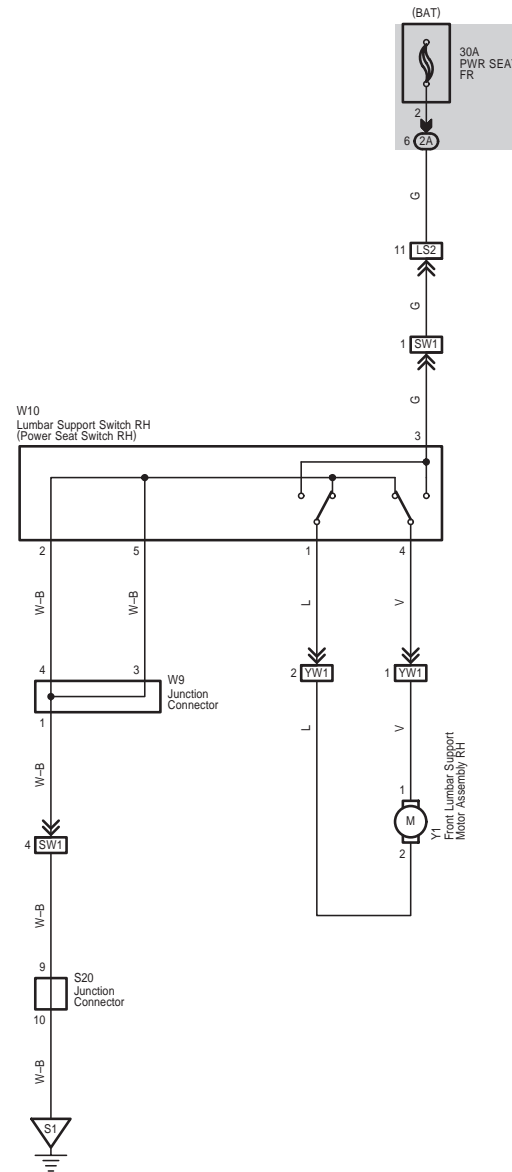
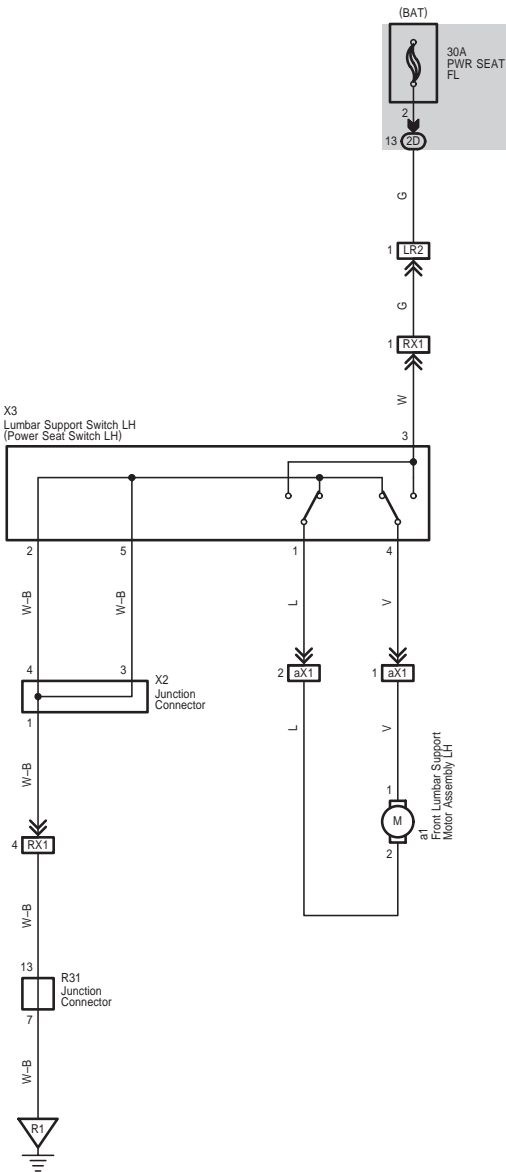
5 6 7 8



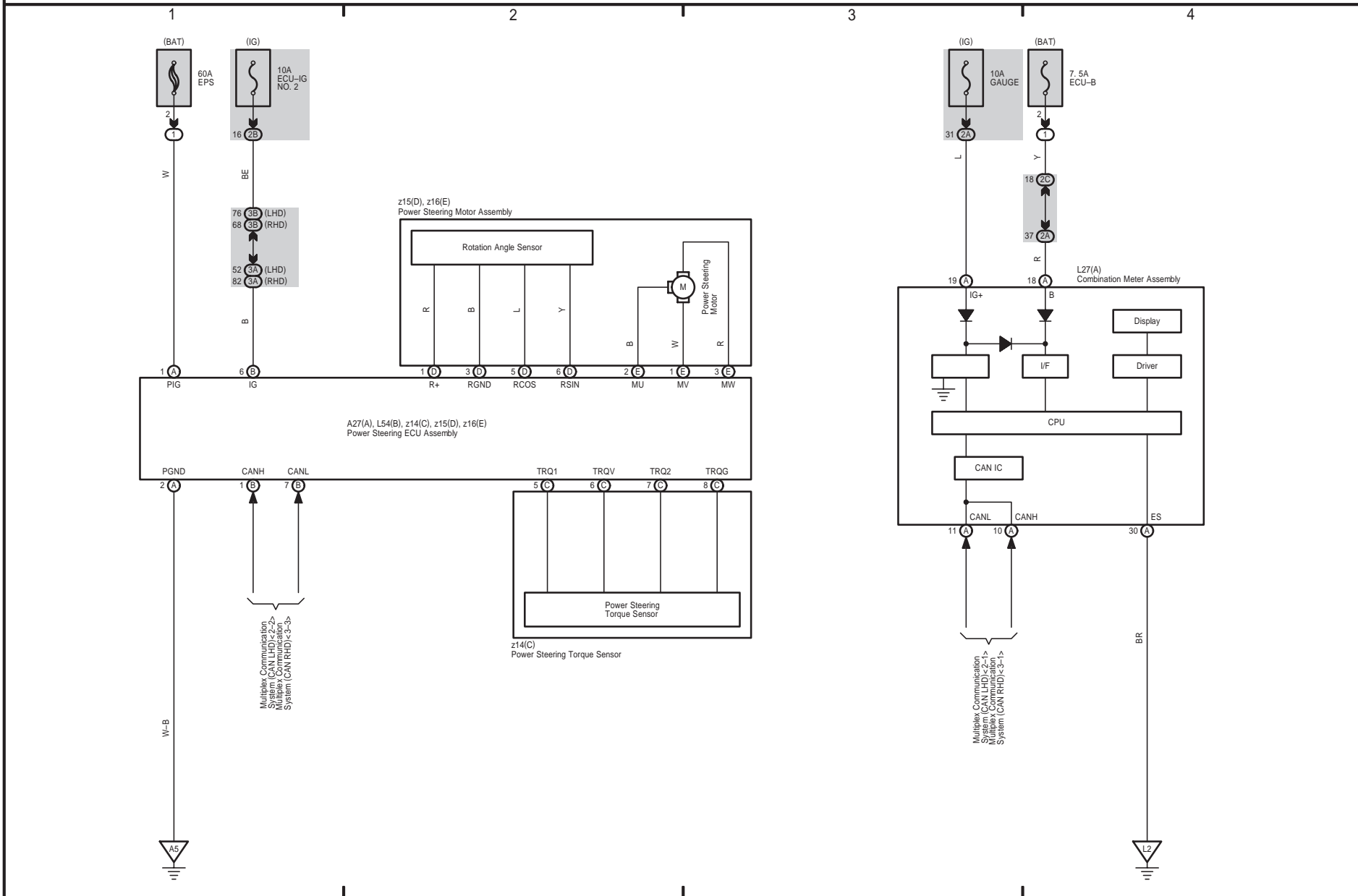
PRIUS (EM12A0E)

Power Seat (LHD)

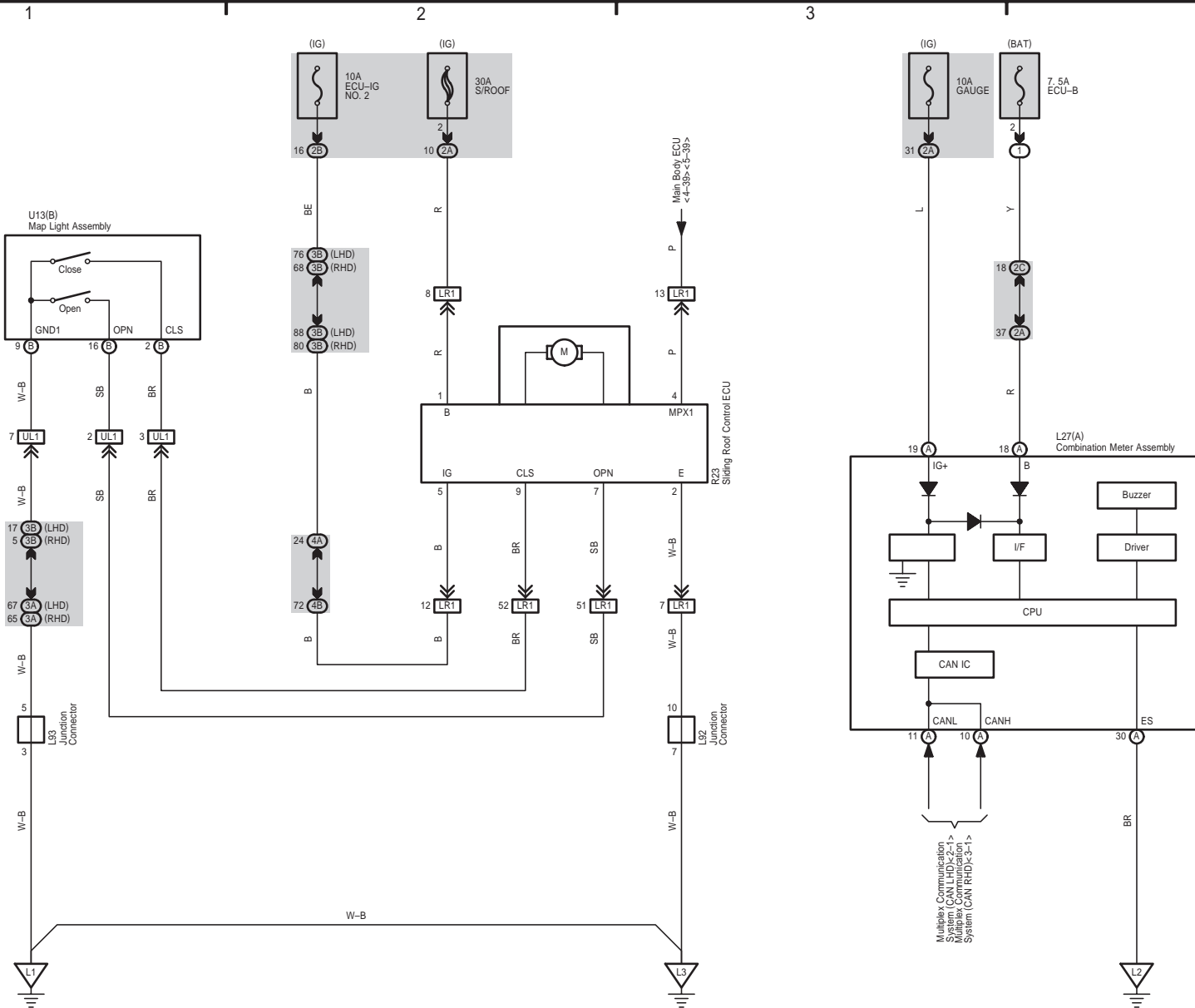
Power Seat (RHD)



EPS

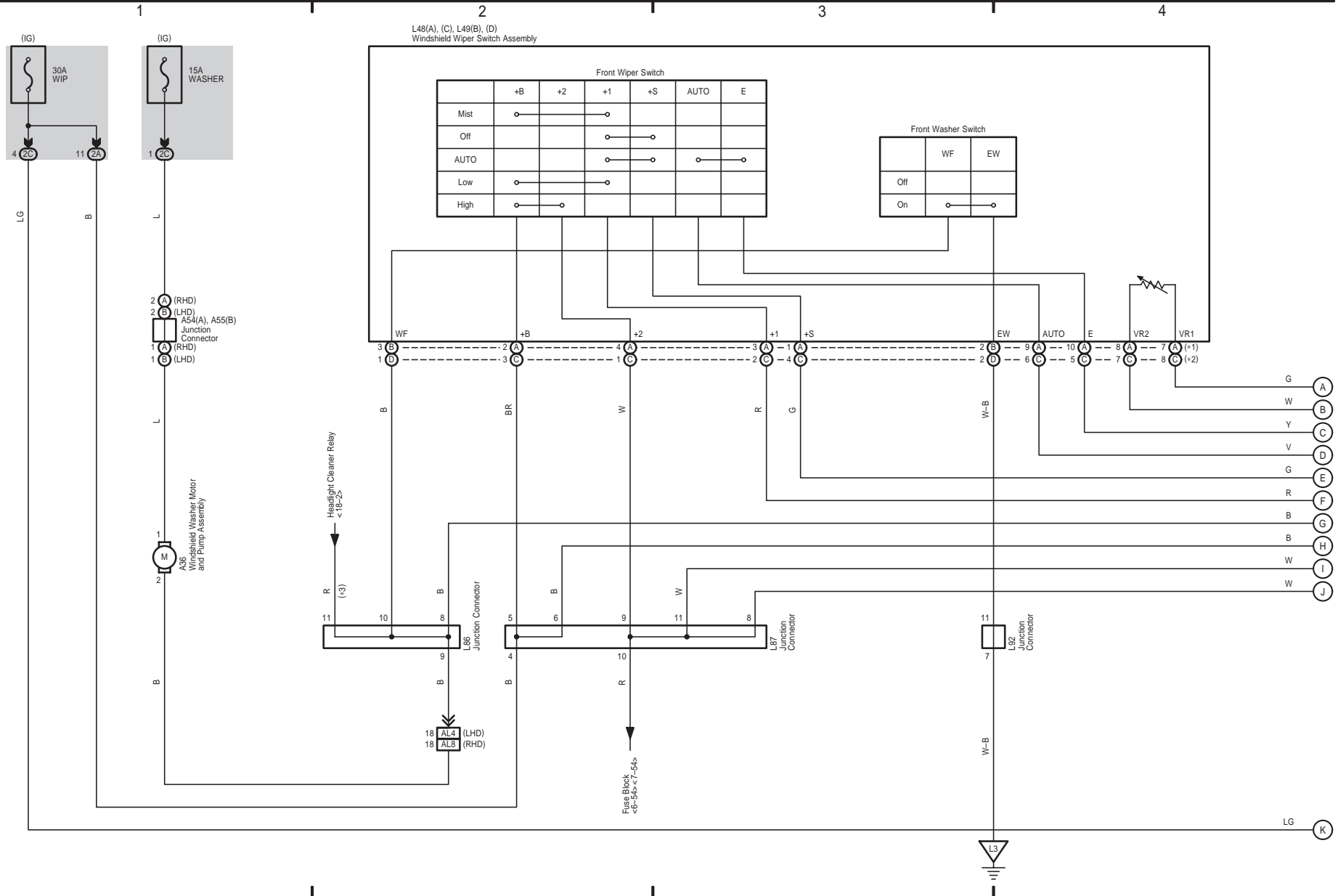


Sliding Roof



Front Wiper and Washer (w/ Auto Wiper System)

- * 1 : Light Control Switch LH Side Type
- * 2 : Light Control Switch RH Side Type
- * 3 : w/ Headlight Cleaner

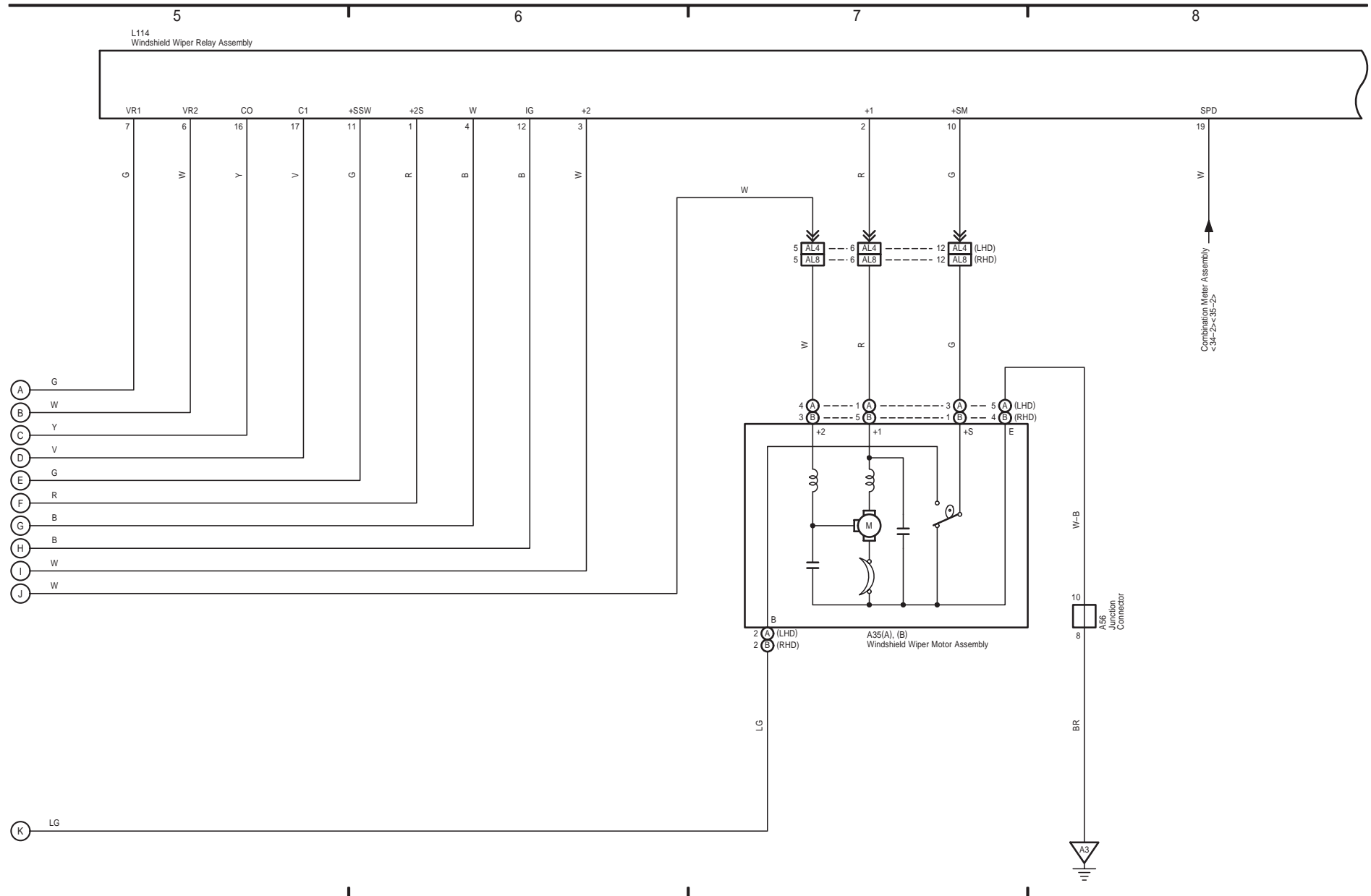


PRIUS (EM12A0E)

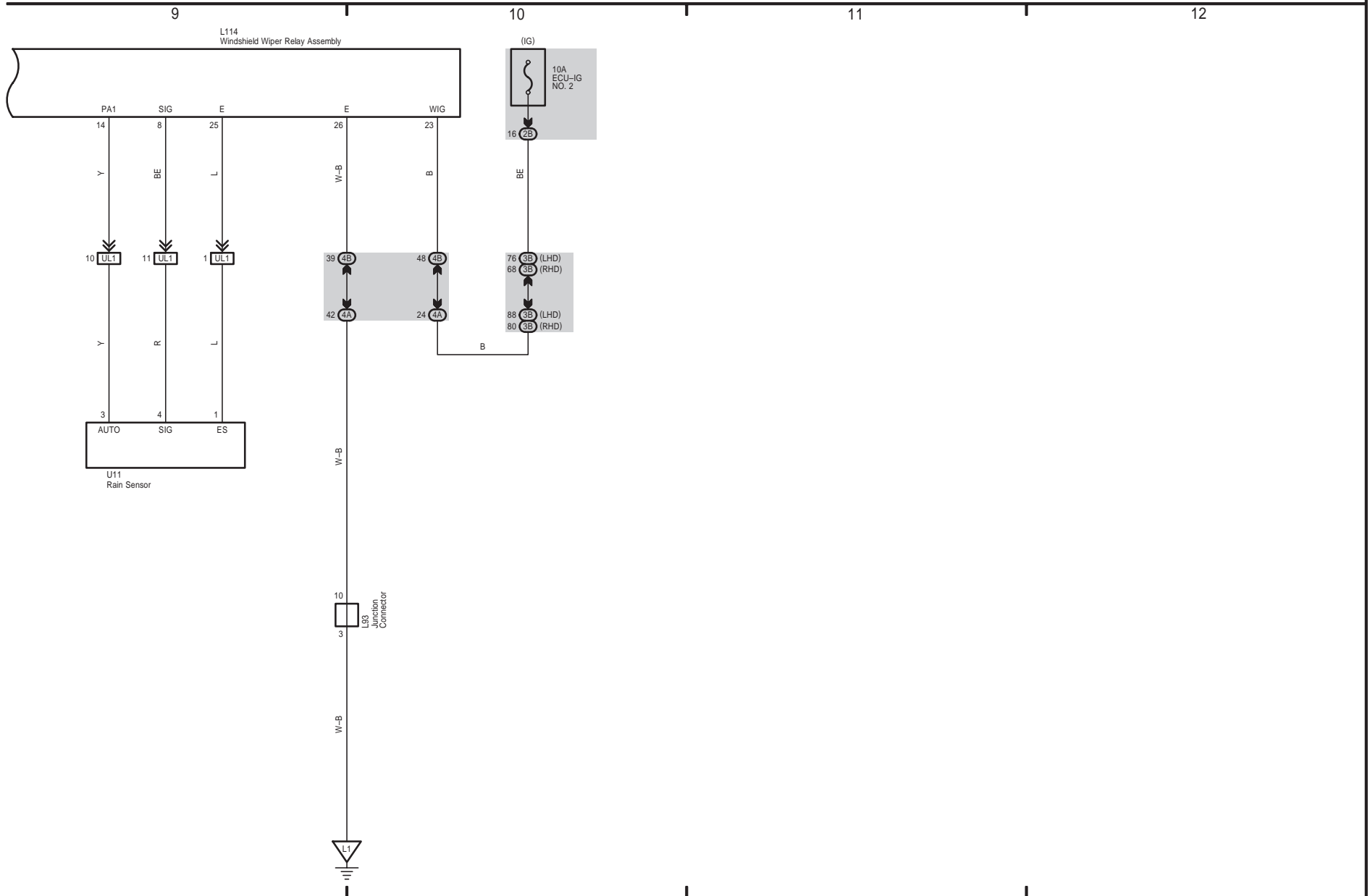
M OVERALL ELECTRICAL WIRING DIAGRAM

Front Wiper and Washer (w/ Auto Wiper System)

PRIUS (EM12A0E)



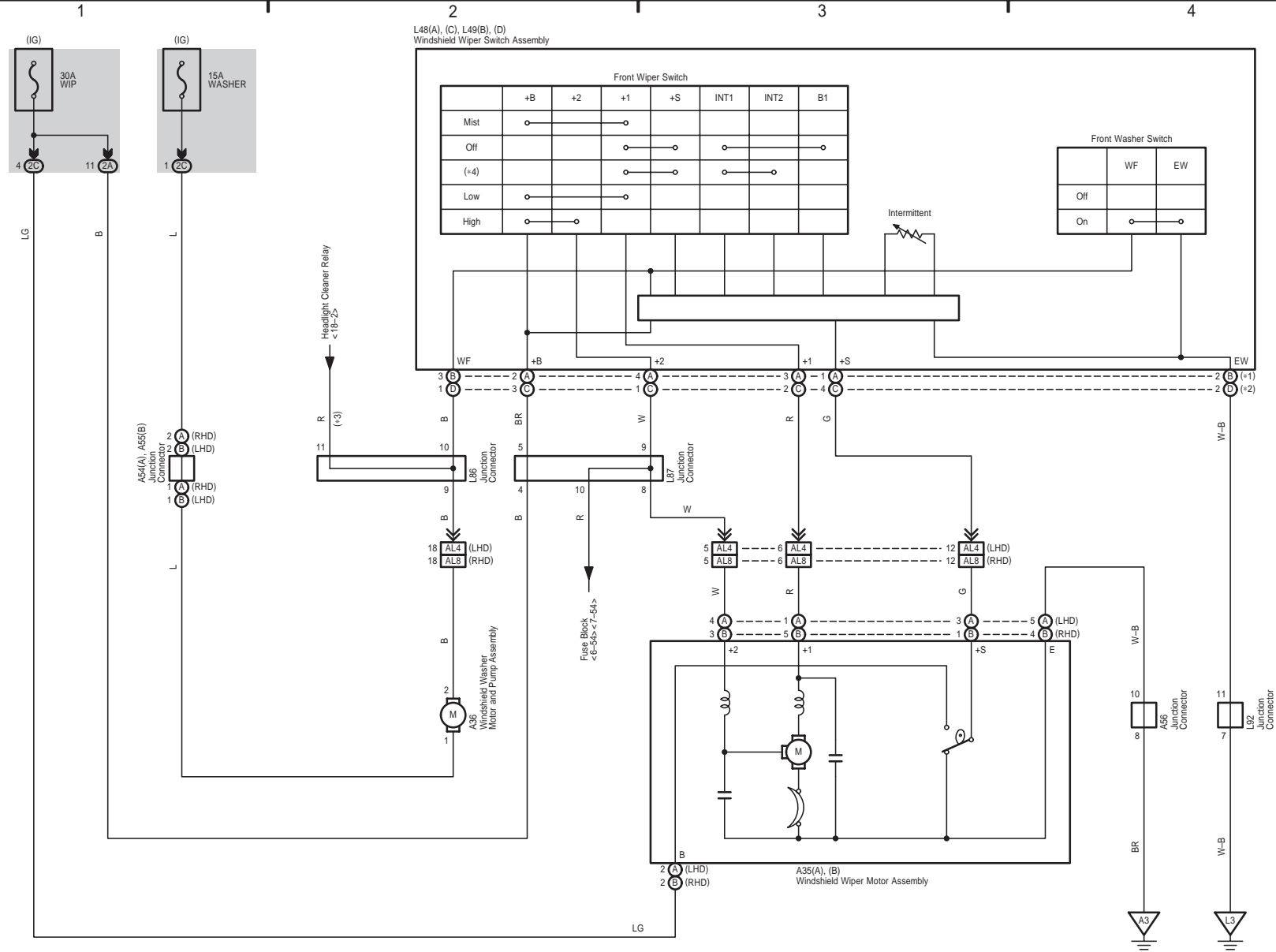
Front Wiper and Washer (w/ Auto Wiper System)



PRIUS (EM12A0E)

Front Wiper and Washer (w/o Auto Wiper System)

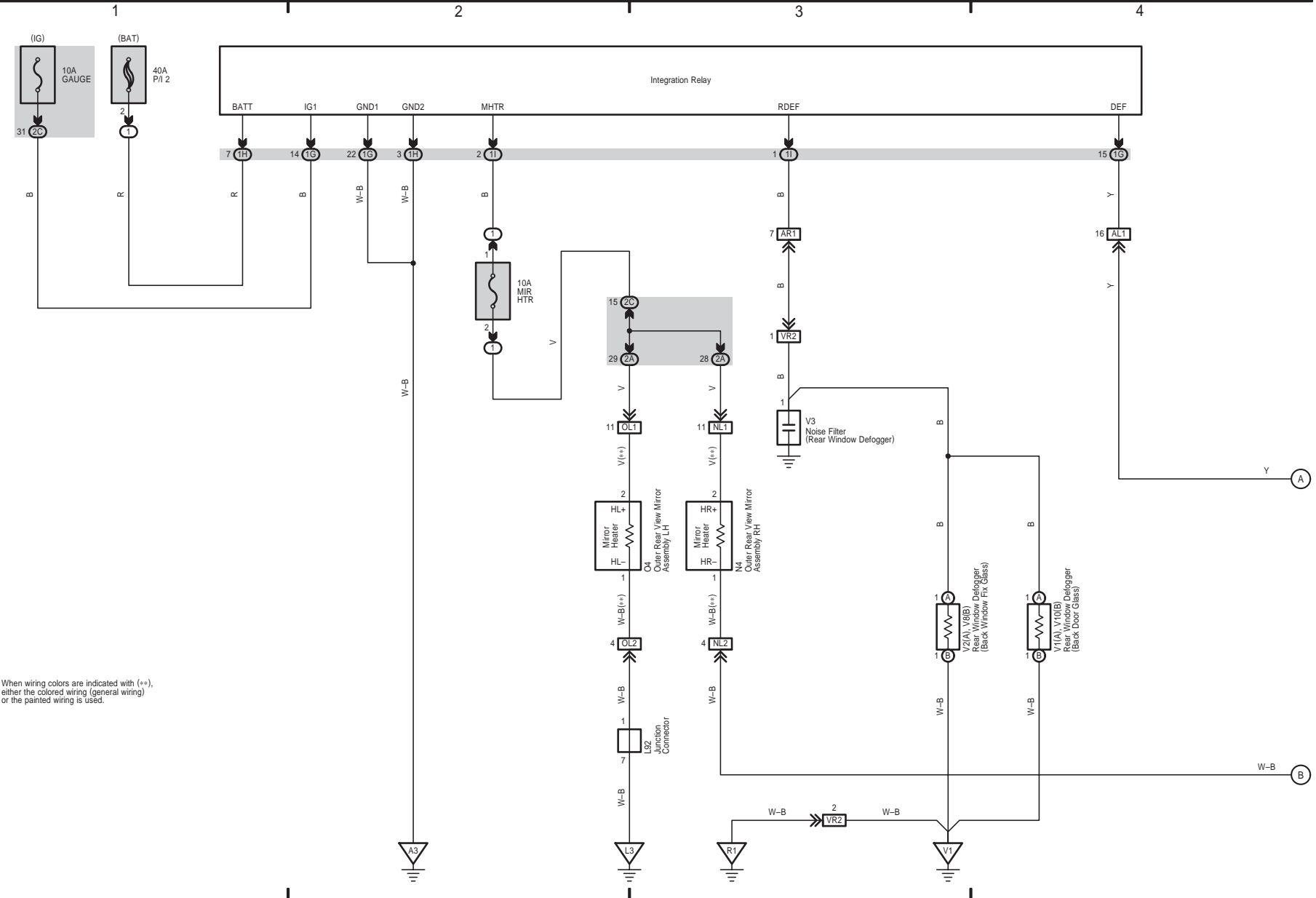
- * 1 : Light Control Switch LH Side Type
- * 2 : Light Control Switch RH Side Type
- * 3 : w/ Headlight Cleaner
- * 4 : Intermittent



PRIUS (EM12A0E)

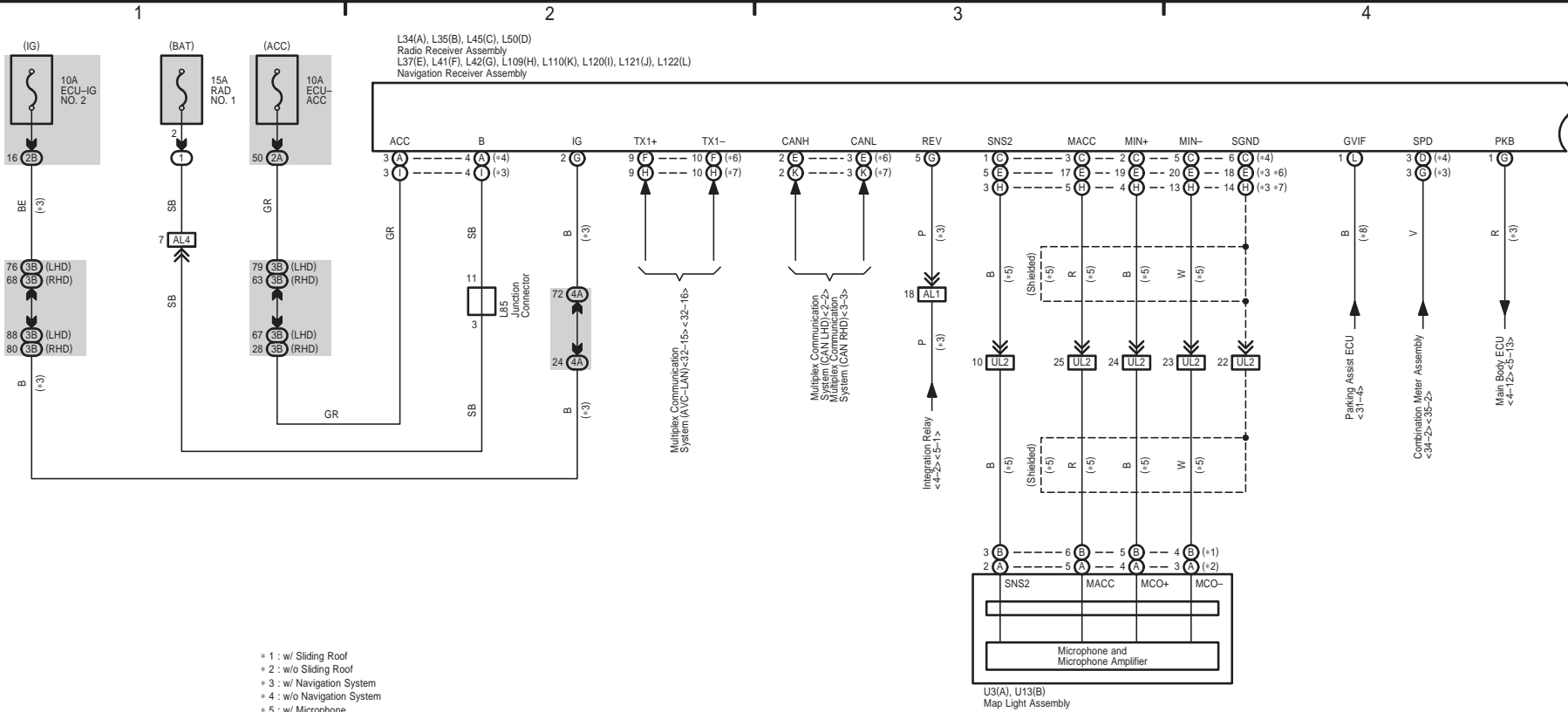


Rear Window Defogger and Mirror Heater



When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

Audio System (w/ Stereo Component Amplifier) and Navigation System

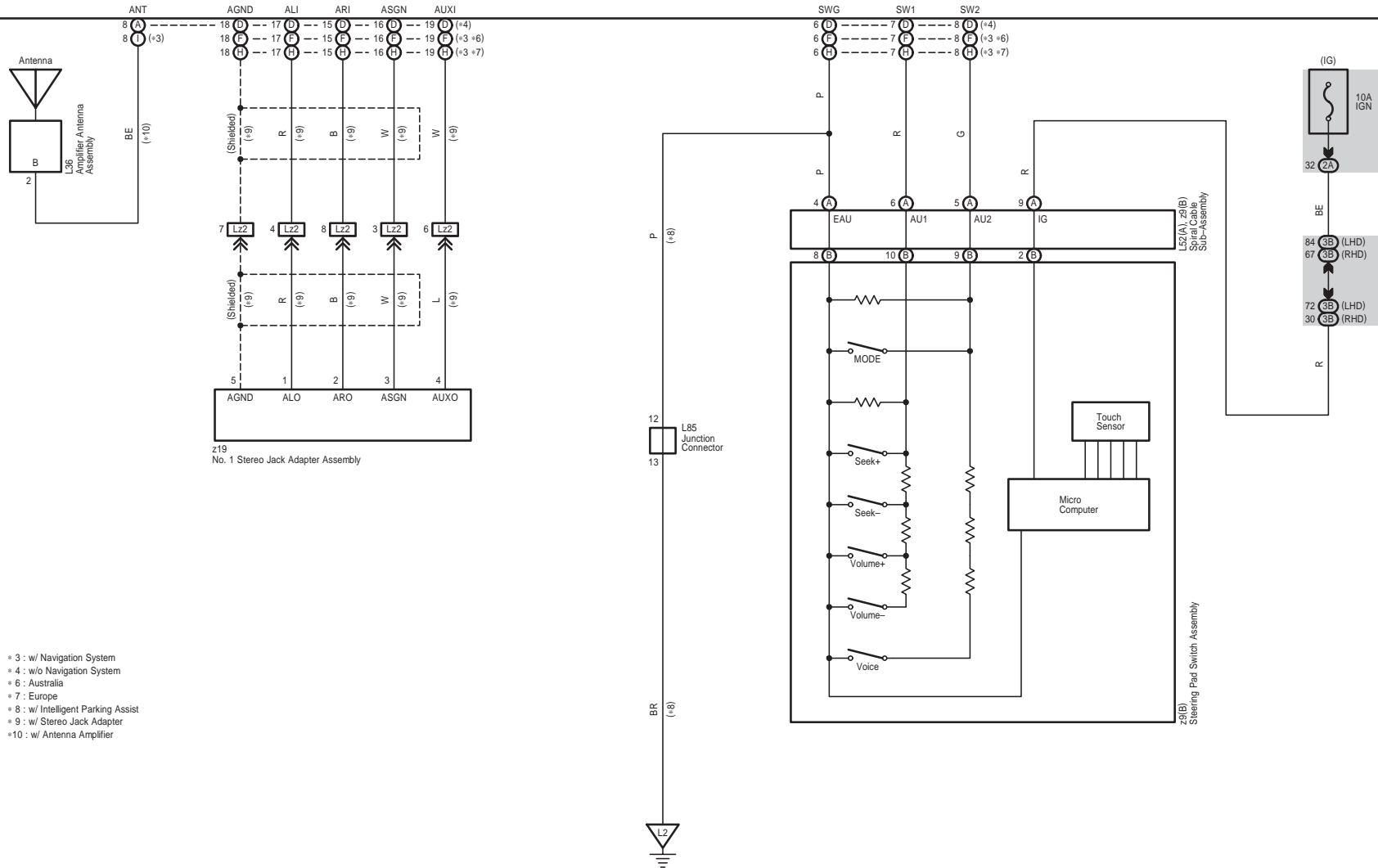


- * 1 : w/ Sliding Roof
- * 2 : w/o Sliding Roof
- * 3 : w/ Navigation System
- * 4 : w/o Navigation System
- * 5 : w/ Microphone
- * 6 : Australia
- * 7 : Europe
- * 8 : w/ Intelligent Parking Assist

Audio System (w/ Stereo Component Amplifier) and Navigation System

5 6 7 8

L34(A), L35(B), L45(C), L50(D)
Radio Receiver Assembly
L37(E), L41(F), L42(G), L109(H), L110(K), L120(I), L121(J), L122(L)
Navigation Receiver Assembly



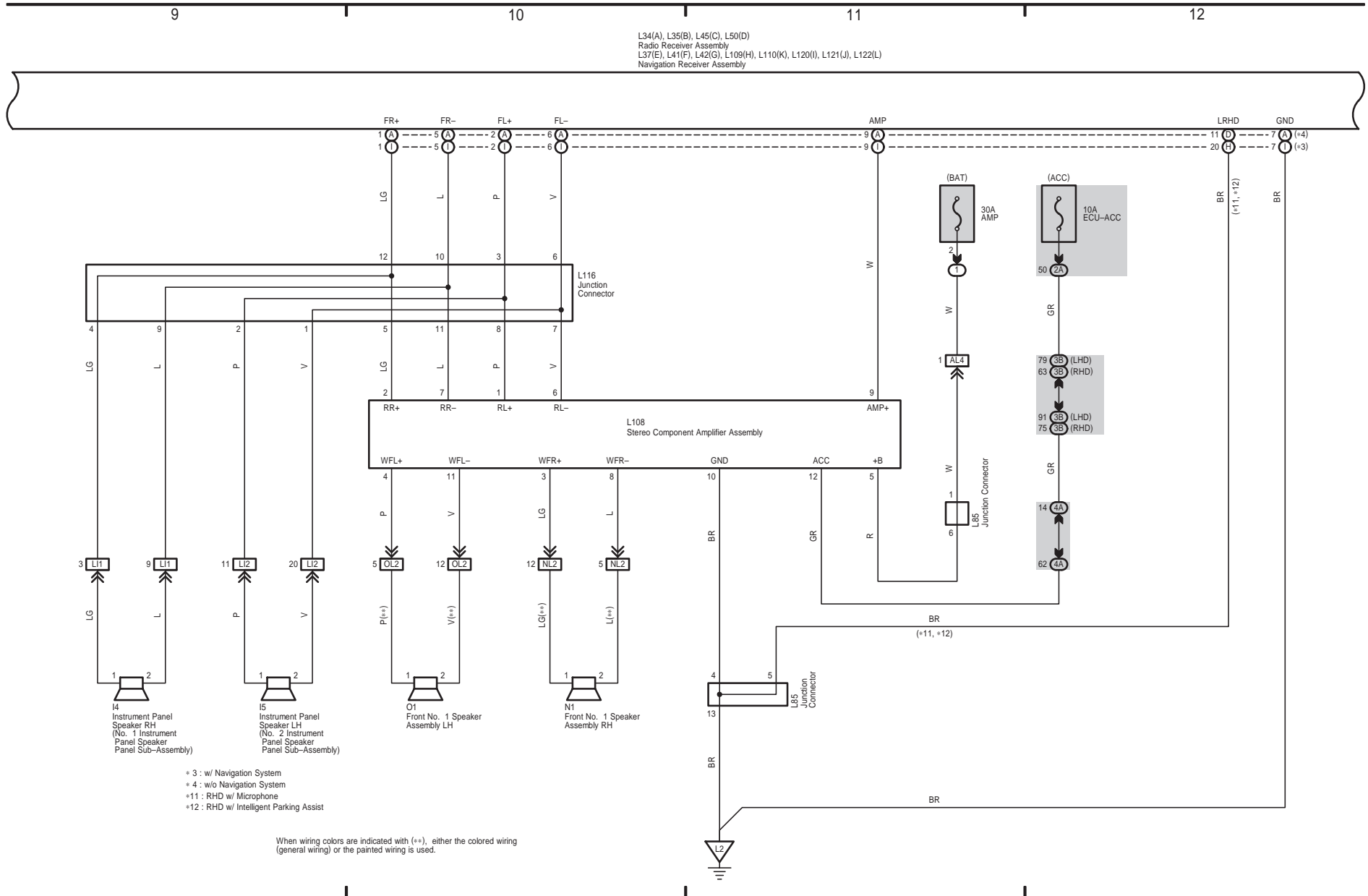
- * 3 : w/ Navigation System
- * 4 : w/o Navigation System
- * 6 : Australia
- * 7 : Europe
- * 8 : w/ Intelligent Parking Assist
- * 9 : w/ Stereo Jack Adapter
- * 10 : w/ Antenna Amplifier

PRIUS (EM12A0E)

Audio System (w/ Stereo Component Amplifier) and Navigation System

PRIUS (EM12A0E)

OVERALL ELECTRICAL WIRING DIAGRAM



Audio System (w/ Stereo Component Amplifier and Navigation System

Multiplex Communication System (AVC-LAN)

13

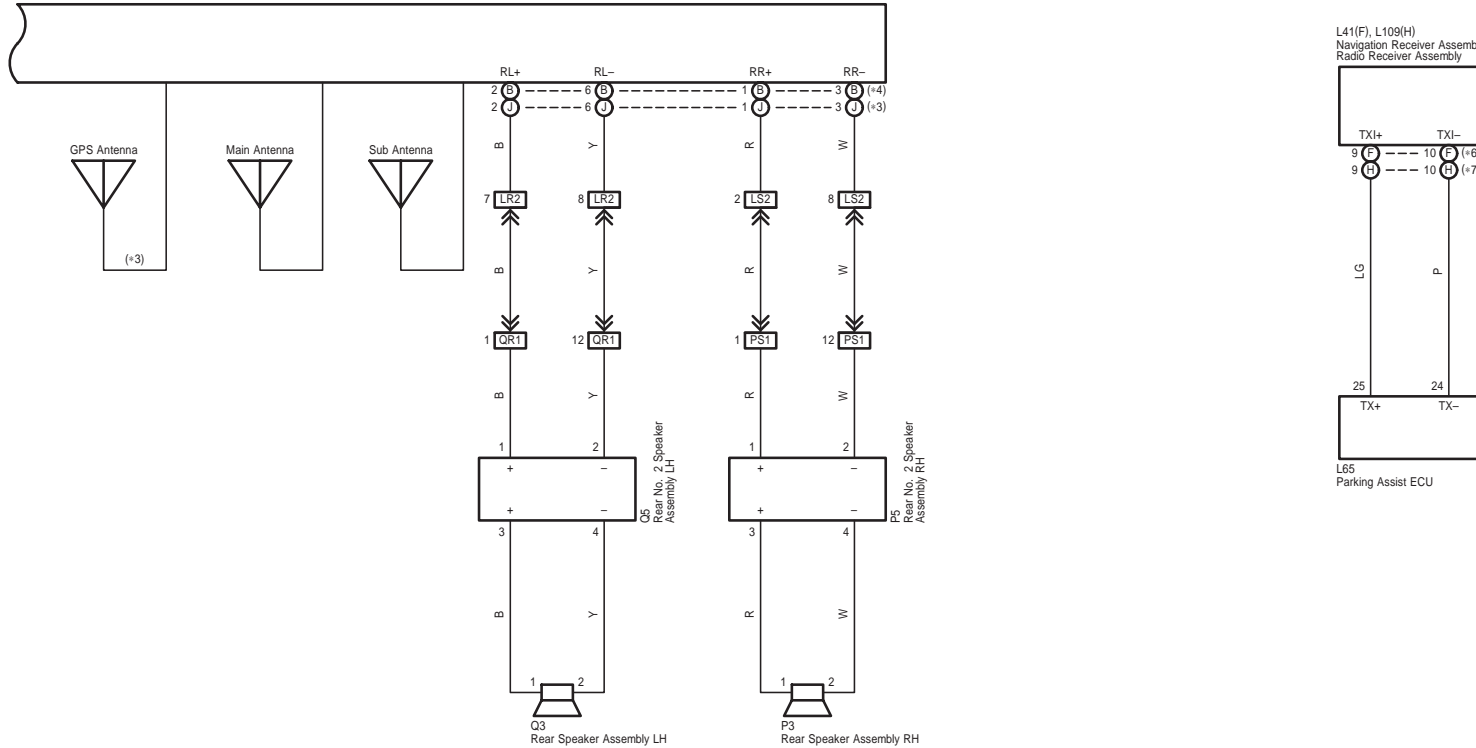
14

15

16

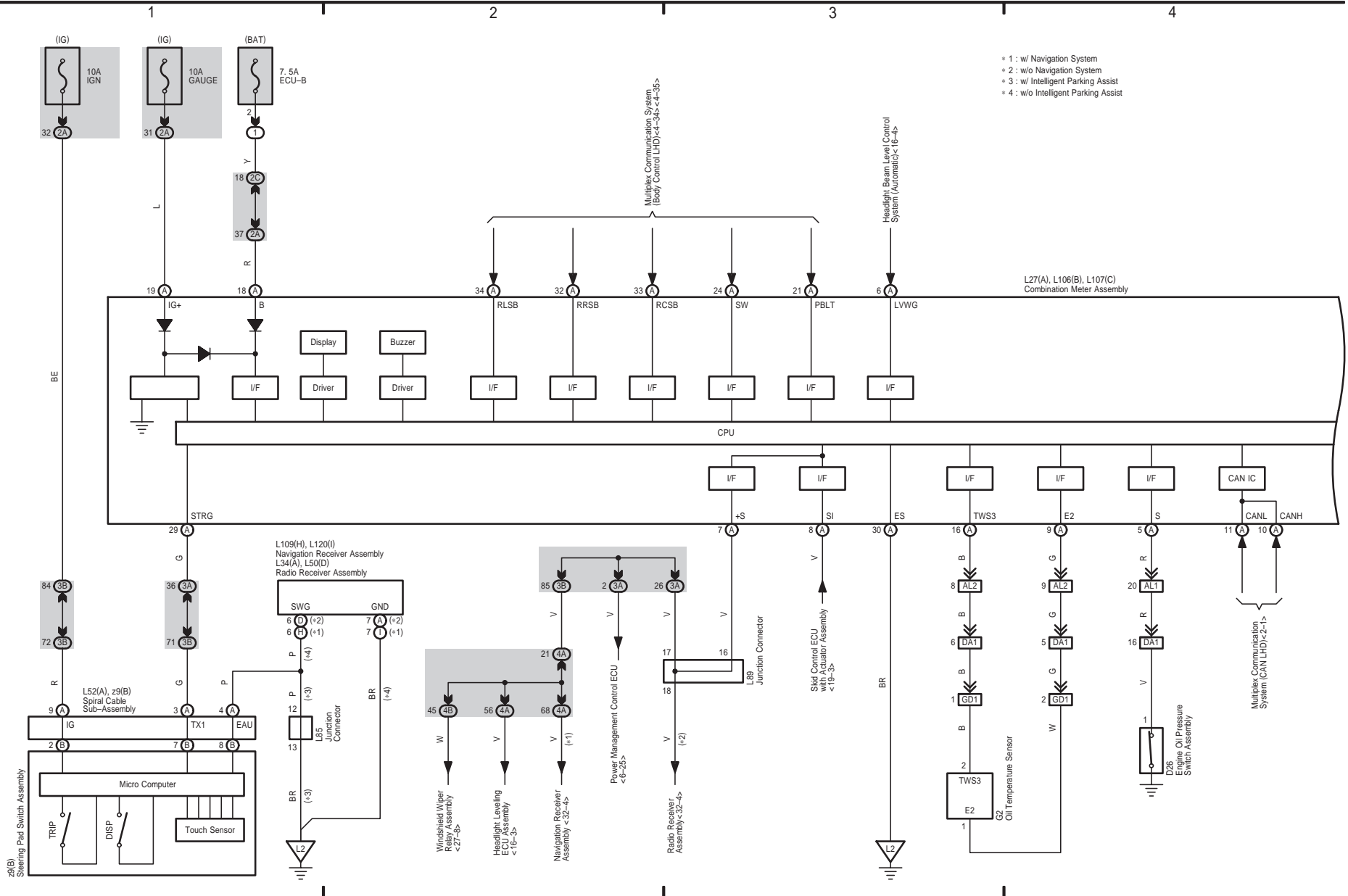
L34(A), L35(B), L45(C), L50(D)
Radio Receiver Assembly
L37(E), L41(F), L42(G), L109(H), L110(K), L120(I), L121(J), L122(L)
Navigation Receiver Assembly

L41(F), L109(H)
Navigation Receiver Assembly
Radio Receiver Assembly



- * 3 : w/ Navigation System
- * 4 : w/o Navigation System
- * 6 : Australia
- * 7 : Europe

Combination Meter (LHD)



Combination Meter (LHD)

PRIUS (EM12A0E)

