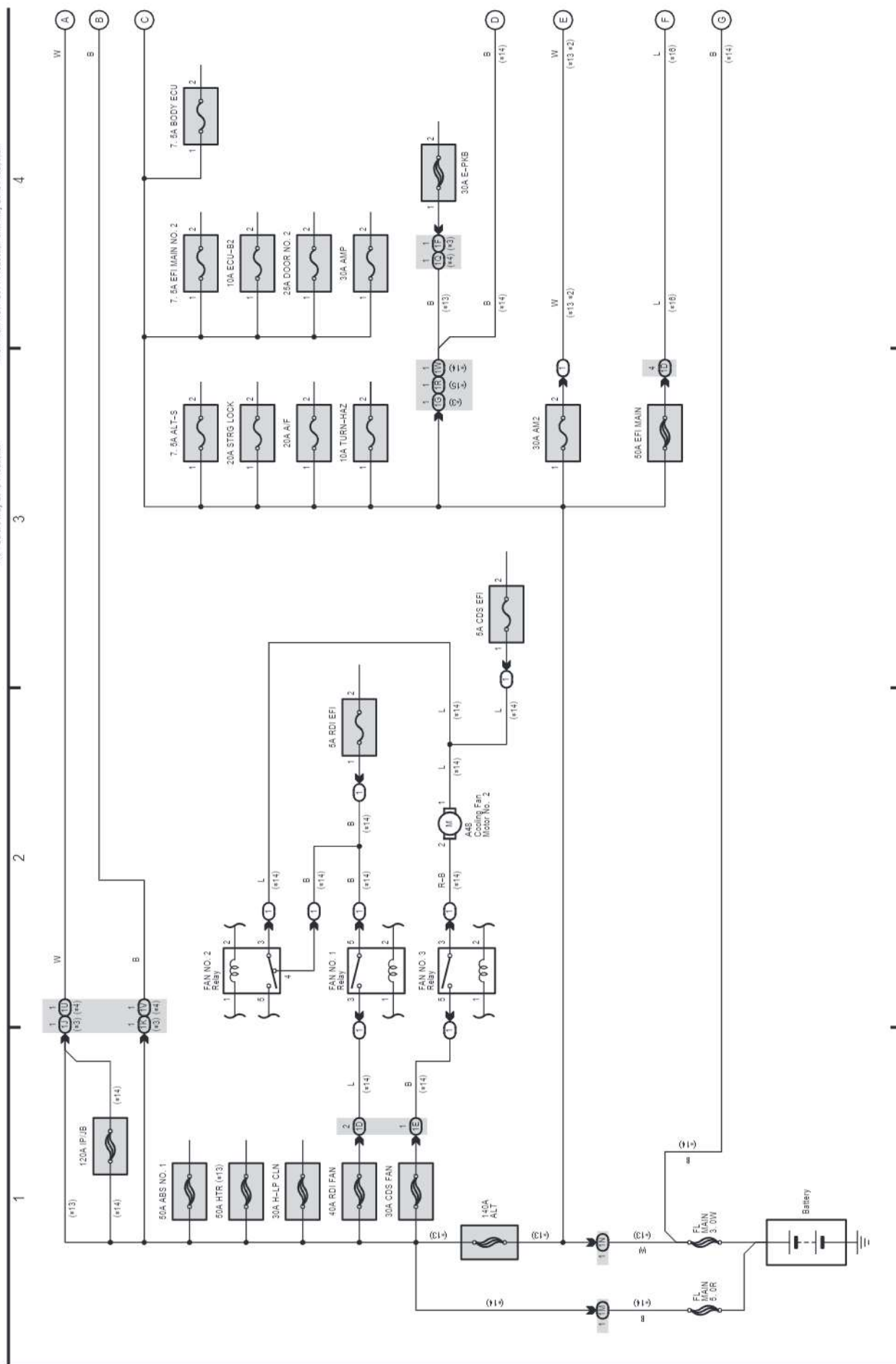


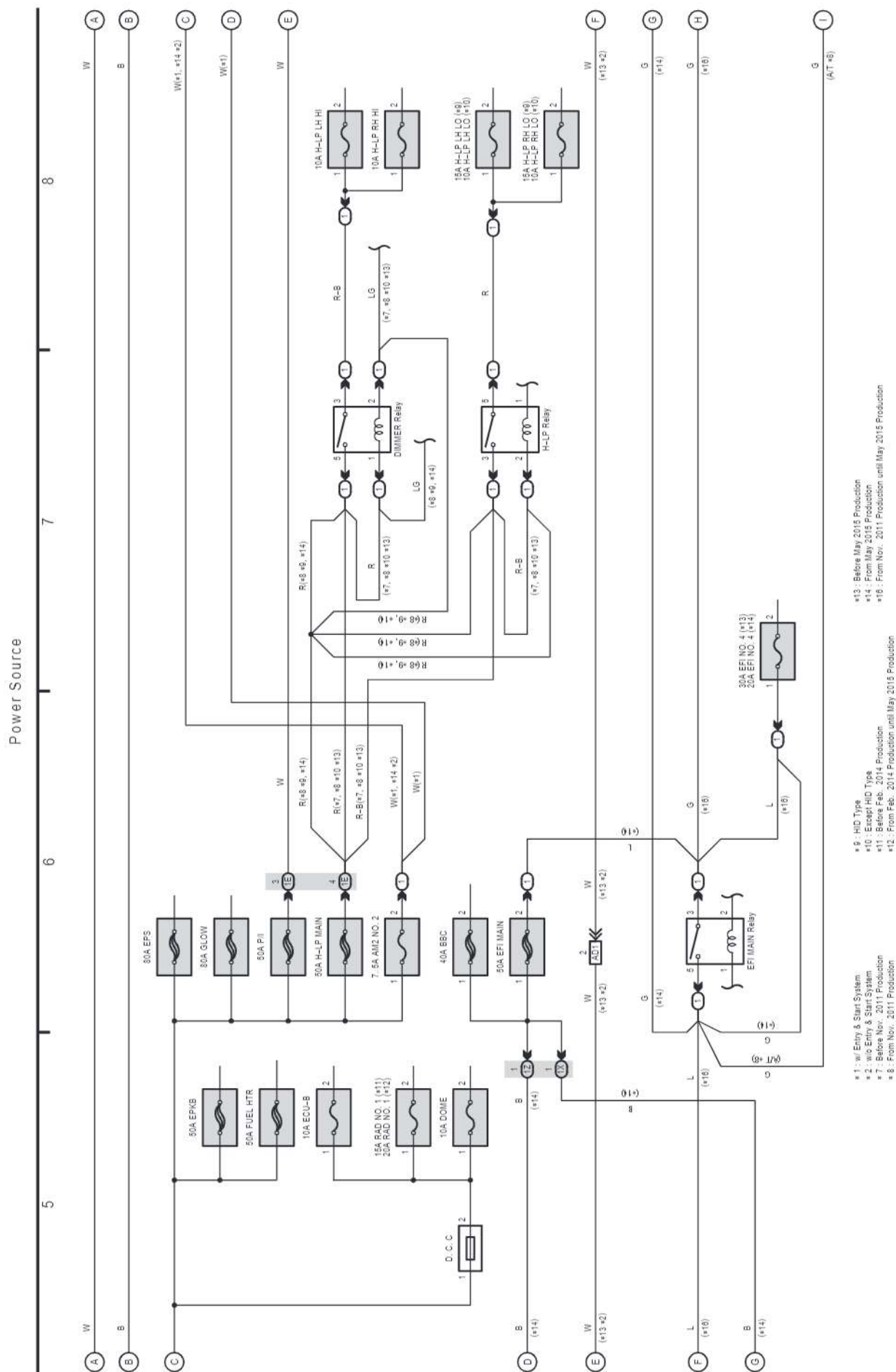
(Cont. next page)

Power Source



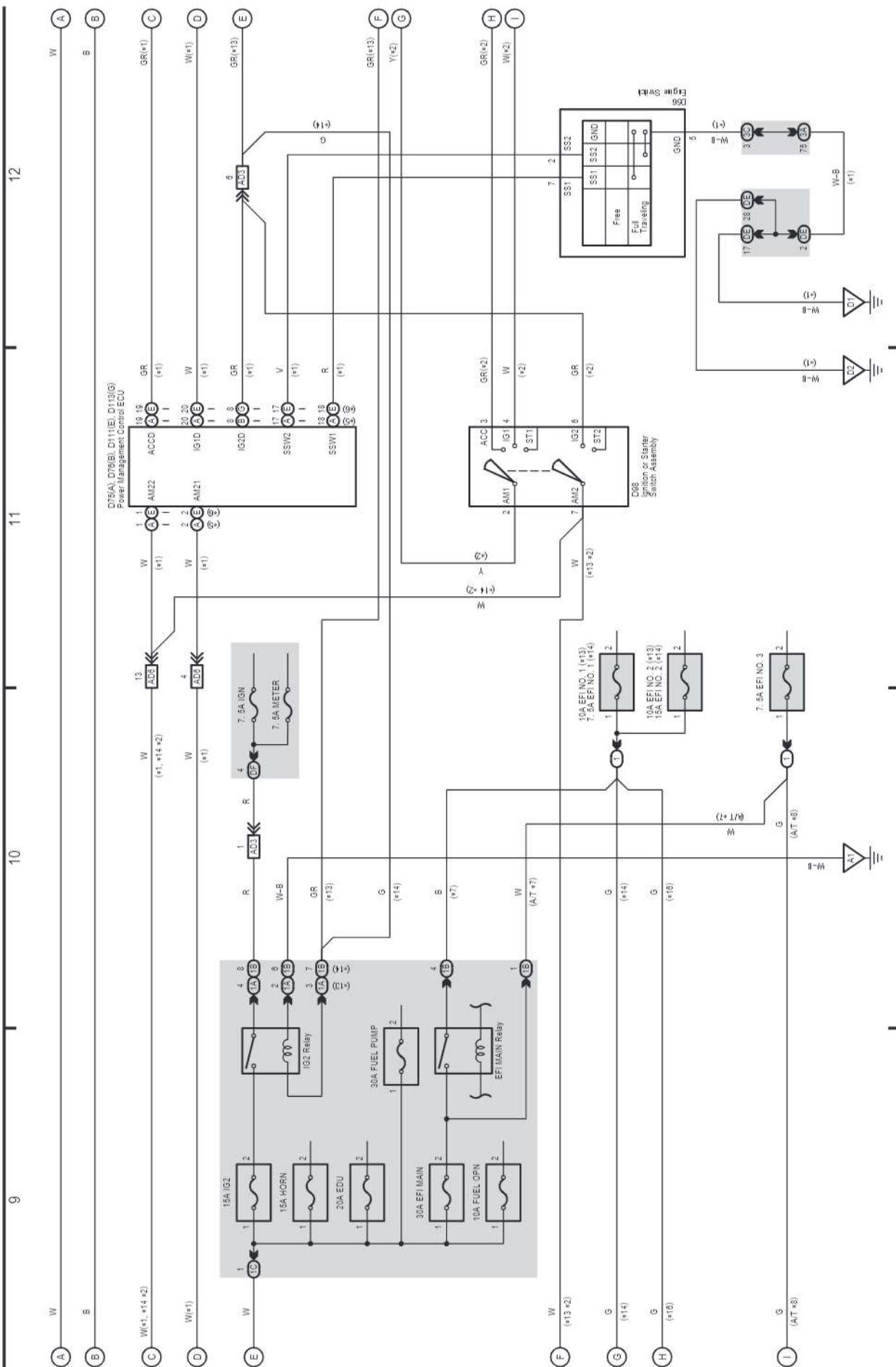
AVENSIS (EM25H4E)

(Cont. next page)

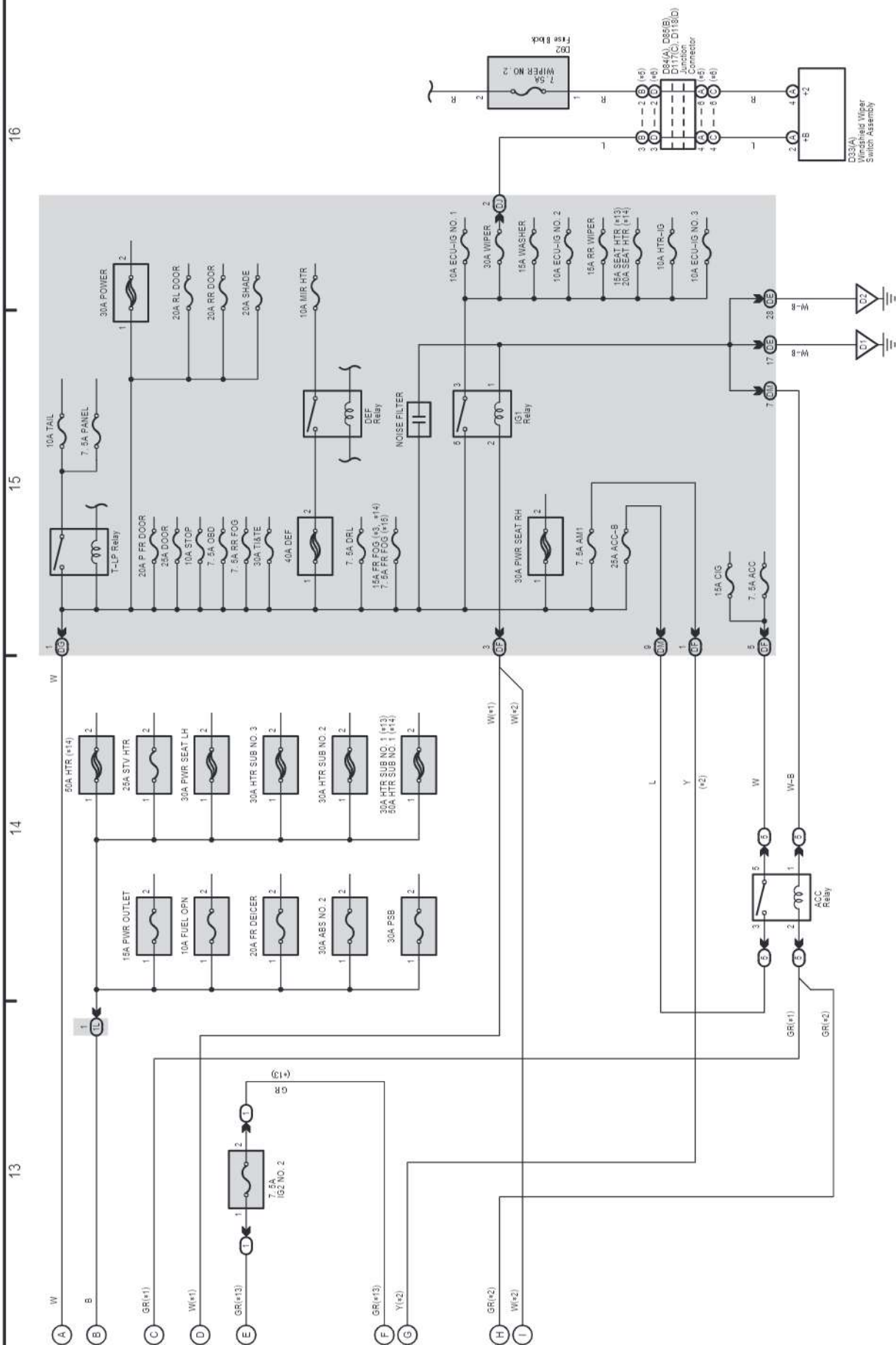


(Cont. next page)

* 8 : From Nov. 2011 Production
* 13 : Before May 2015 Production
* 14 : From May 2015 Production
* 16 : From Nov. 2011 Production until May 2015 Production

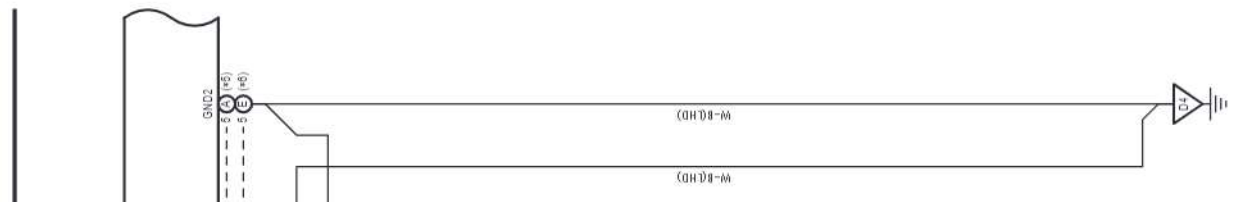


Power Source



(Cont. next page)

(Cont. next page)



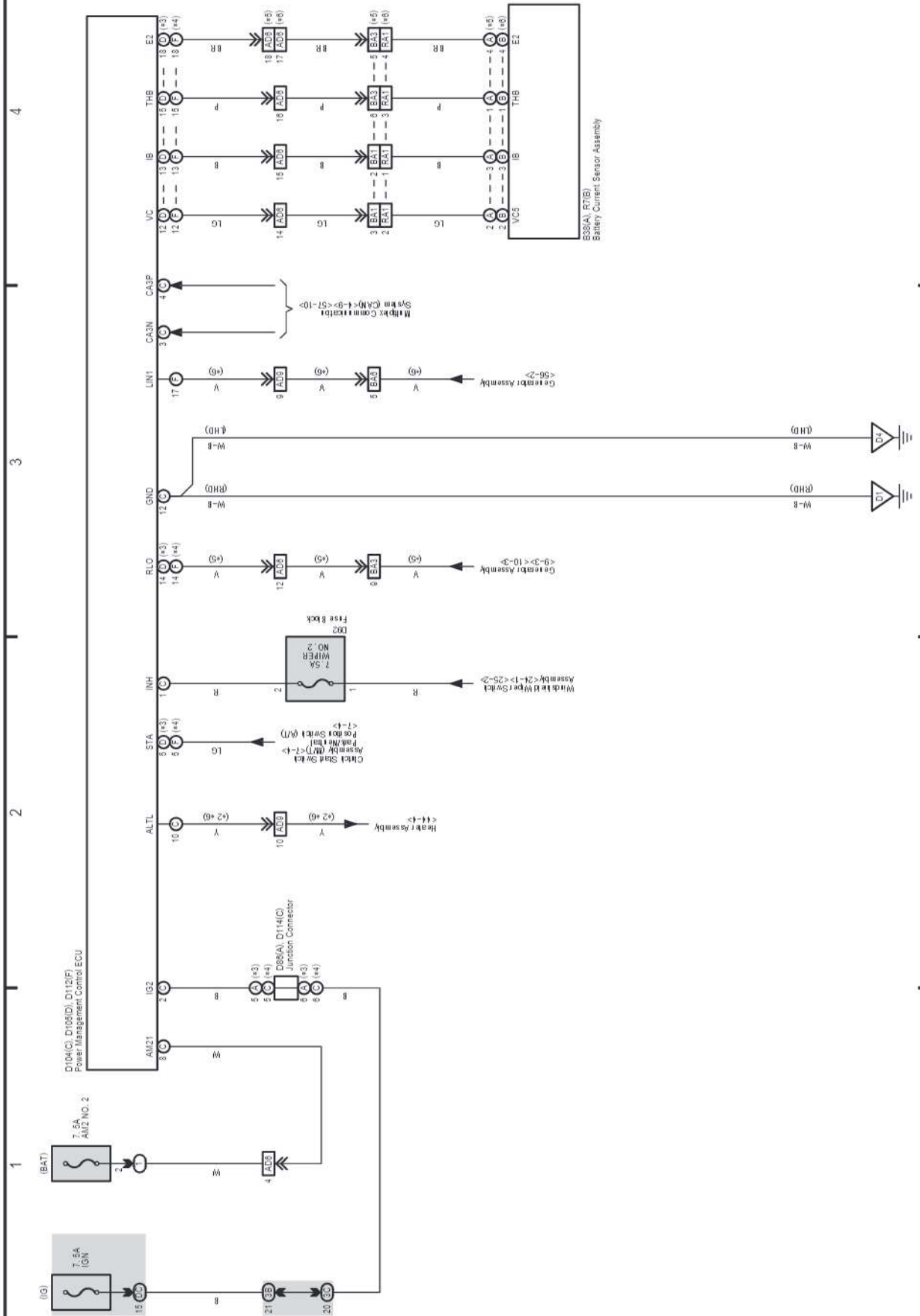


M OVERALL ELECTRICAL WIRING DIAGRAM

3 AVENSIS

Electric Power Control System (w/o Entry & Start System)

* 2 : w/ Power Heater (Combustion Type)
 * 3 : Before Jun. 2010 Production
 * 4 : From Jun. 2010 Production
 * 5 : Before May 2015 Production
 * 6 : From May 2015 Production

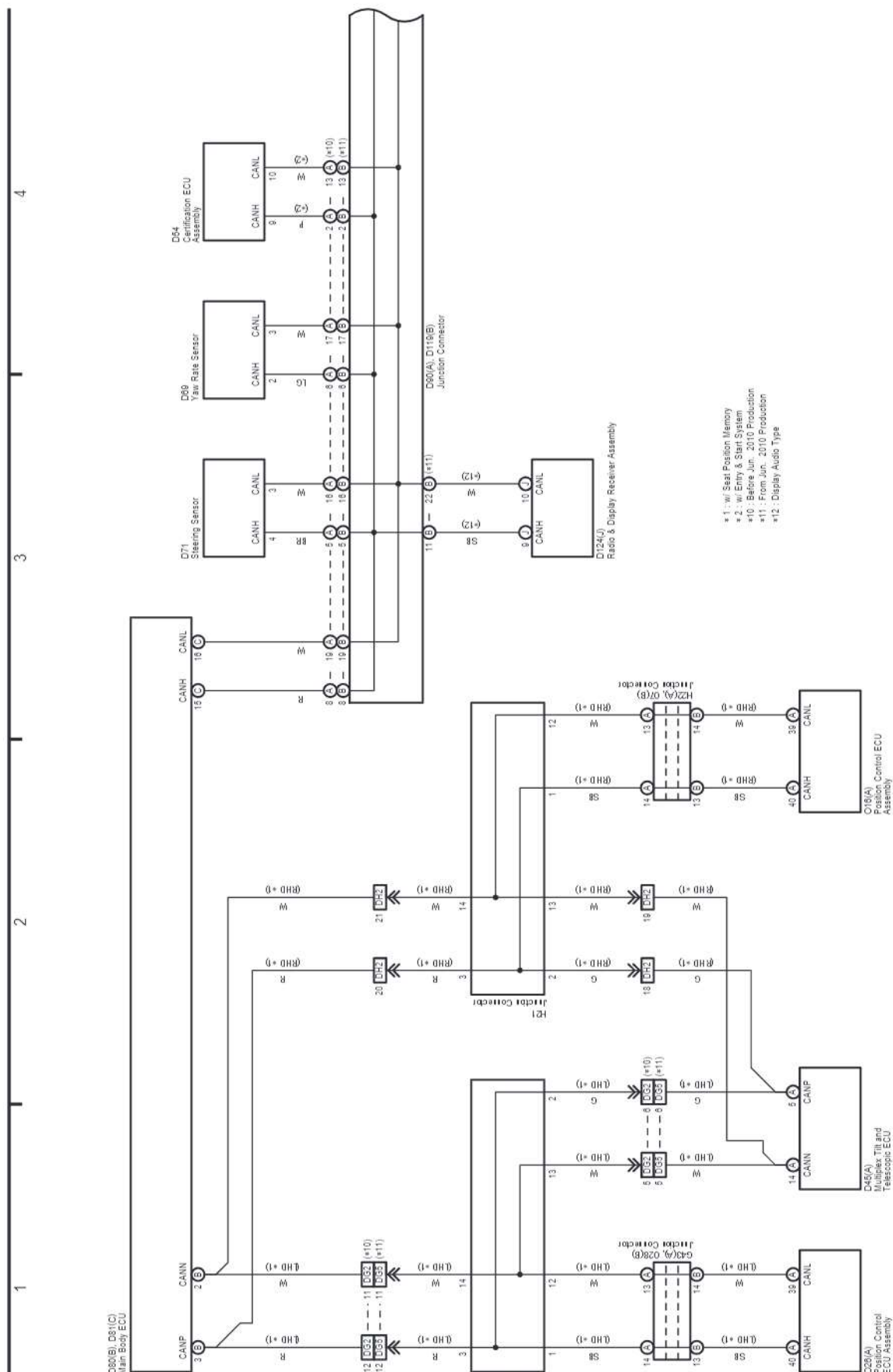


M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

4 AVENSIS

Multiplex Communication System (CAN) (Before May 2015 Production)



AVENSIS (EM25H4E)

D75(A), D104(C), D111(E)
Power Management Control ECU

D86
Combination Meter

D47(A), D101(B)
Air Conditioning
Amplifier Assembly

D10(A)
Airbag ECU Assembly

D60
Power Steering
ECU Assembly

D60(DC3)

A42
Stop Control ECU

A40(A), B39(B)
ECM

A38
Transmission Control
ECU Assembly

Junction Connector

J03

J08

J09

J10

J11

J12

J13

J14

J15

J16

J17

J18

J19

J20

J21

J22

J23

J24

J25

J26

J27

J28

J29

J30

J31

J32

J33

J34

J35

J36

J37

J38

J39

J40

J41

J42

J43

J44

J45

J46

J47

J48

J49

J50

J51

J52

J53

J54

J55

J56

J57

J58

J59

J60

J61

J62

J63

J64

J65

J66

J67

J68

J69

J70

J71

J72

J73

J74

J75

J76

J77

J78

J79

J80

J81

J82

J83

J84

J85

J86

J87

J88

J89

J90

J91

J92

J93

J94

J95

J96

J97

J98

J99

J100

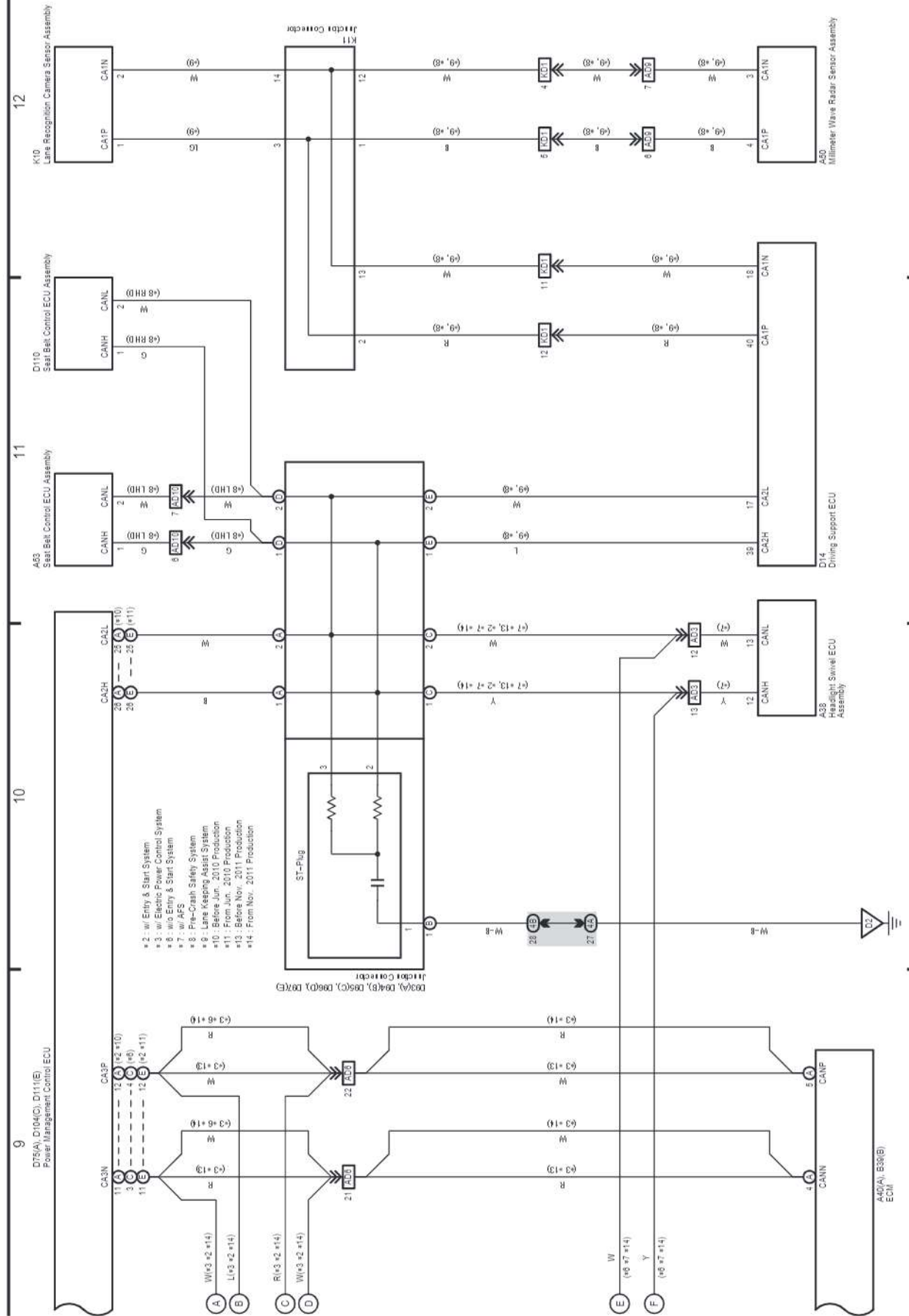
Legend:

- # 2 : w/ Entry & Start System
- # 3 : w/ Electric Power Control System
- # 4 : Automatic A/C
- # 5 : Manual A/C
- # 6 : w/o Entry & Start System
- # 7 : w/o Entry & Start System
- # 8 : Before Jun. 2010 Production
- # 9 : From Jun. 2010 Production
- # 10 : Before Nov. 2011 Production
- # 11 : From Nov. 2011 Production
- # 12 : Before Nov. 2011 Production
- # 13 : From Nov. 2011 Production
- # 14 : From Nov. 2011 Production

M OVERALL ELECTRICAL WIRING DIAGRAM

4 AVENSIS (Cont' d)

Multiplex Communication System (CAN) (Before May 2015 Production)



AVENSIS (EM25H4E)

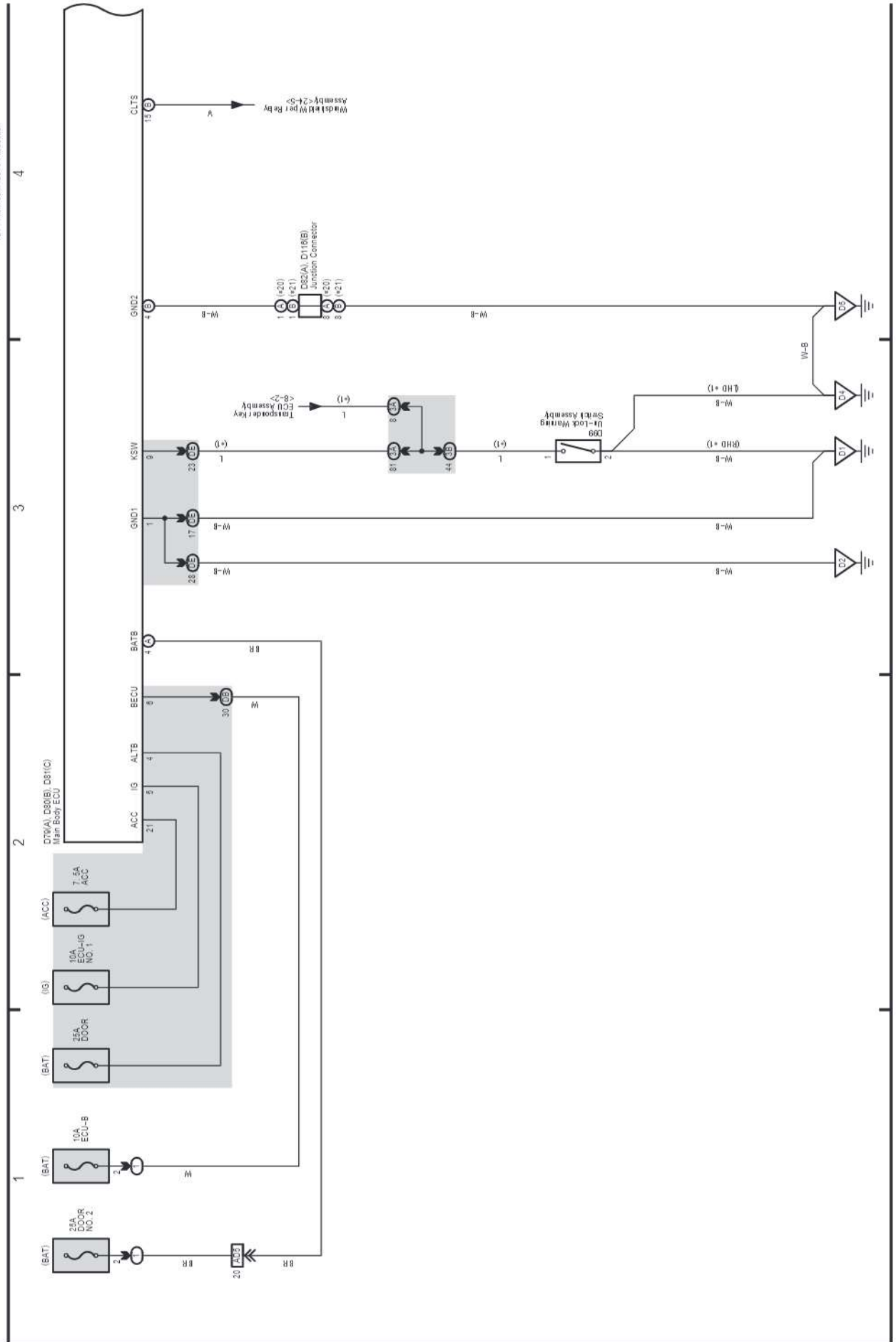
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

5 AVENSIS

* 1 : w/o Entry & Start System
* 20 : Before Jun. 2010 Production
* 21 : From Jun. 2010 Production

Key Reminder (w/o Entry & Start System) (Before Nov. 2011 Production)

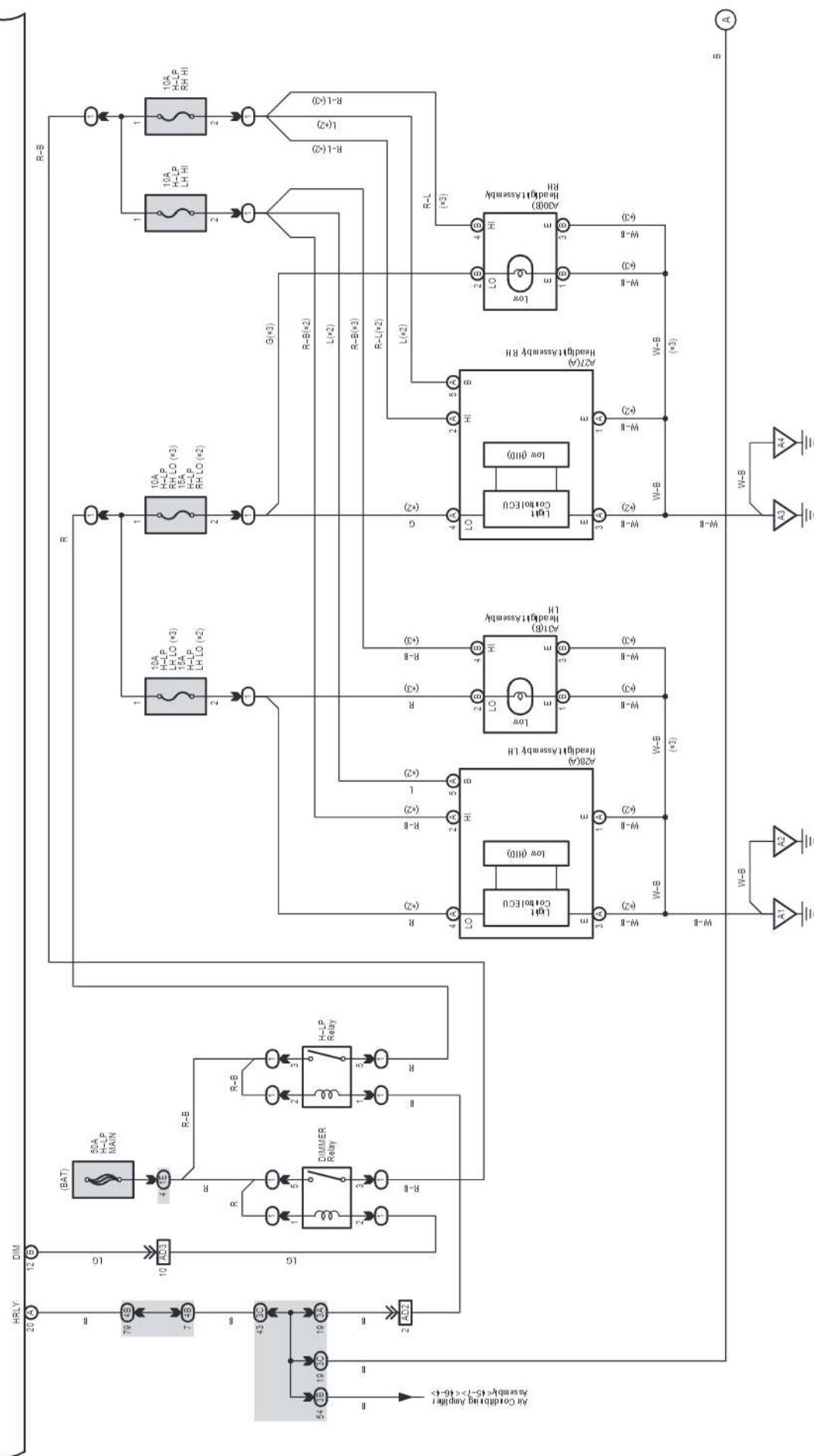


AVENSIS (EM25H4E)

Headlight (Before Nov. 2011 Production)

* 2: HID Type
* 3: Except HID Type

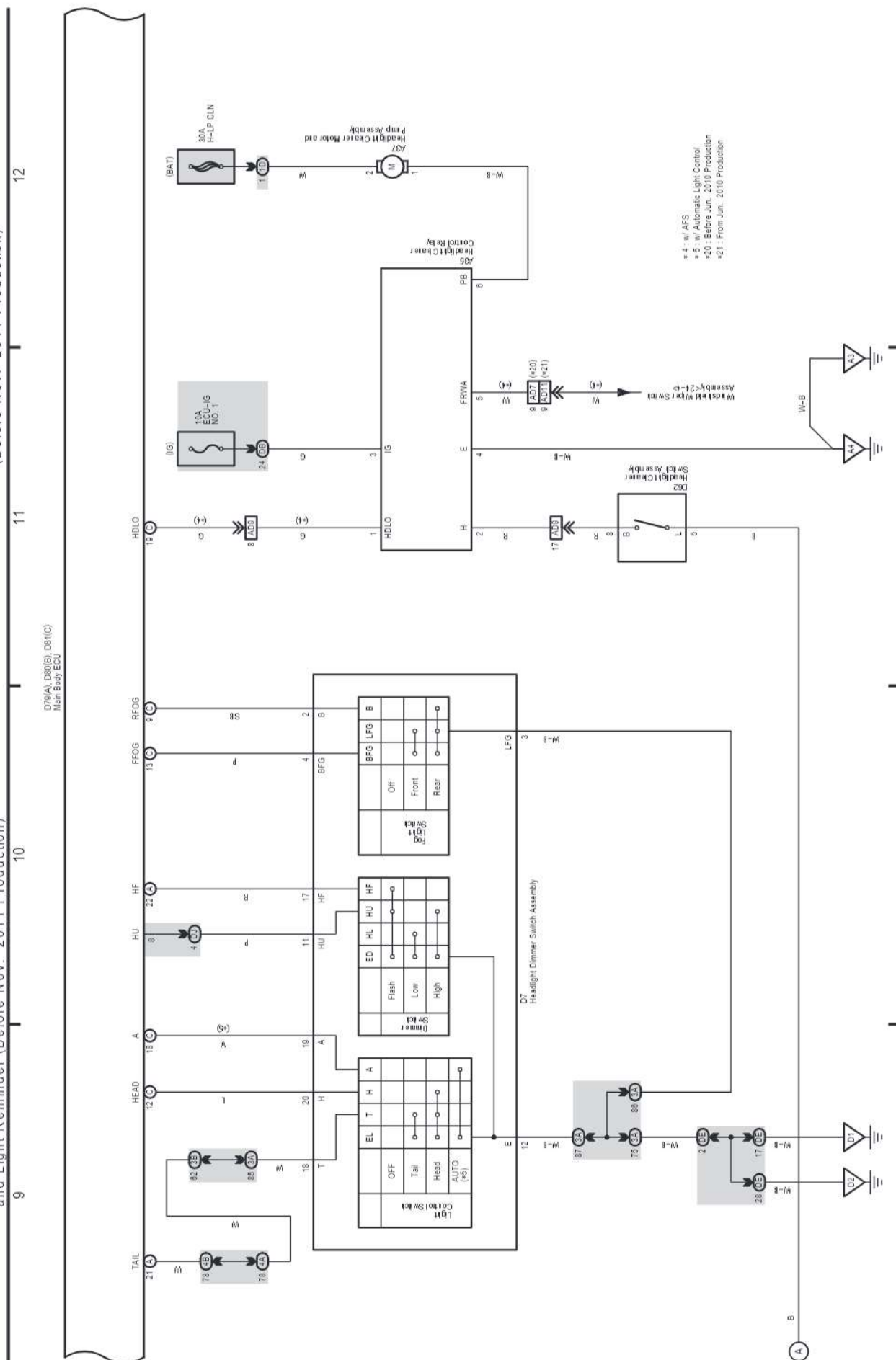
D79(A), D80(B), D81(C)
Main Body ECU



5 AVENSIS (Cont' d)

Automatic Light Control (Before Nov. 2011 Production),
Light Auto Turn Off System (Before Nov. 2011 Production)
and Light Reminder (Before Nov. 2011 Production)

Headlight Cleaner
(Before Nov. 2011 Production)



AVENSIS (EM25H4E)

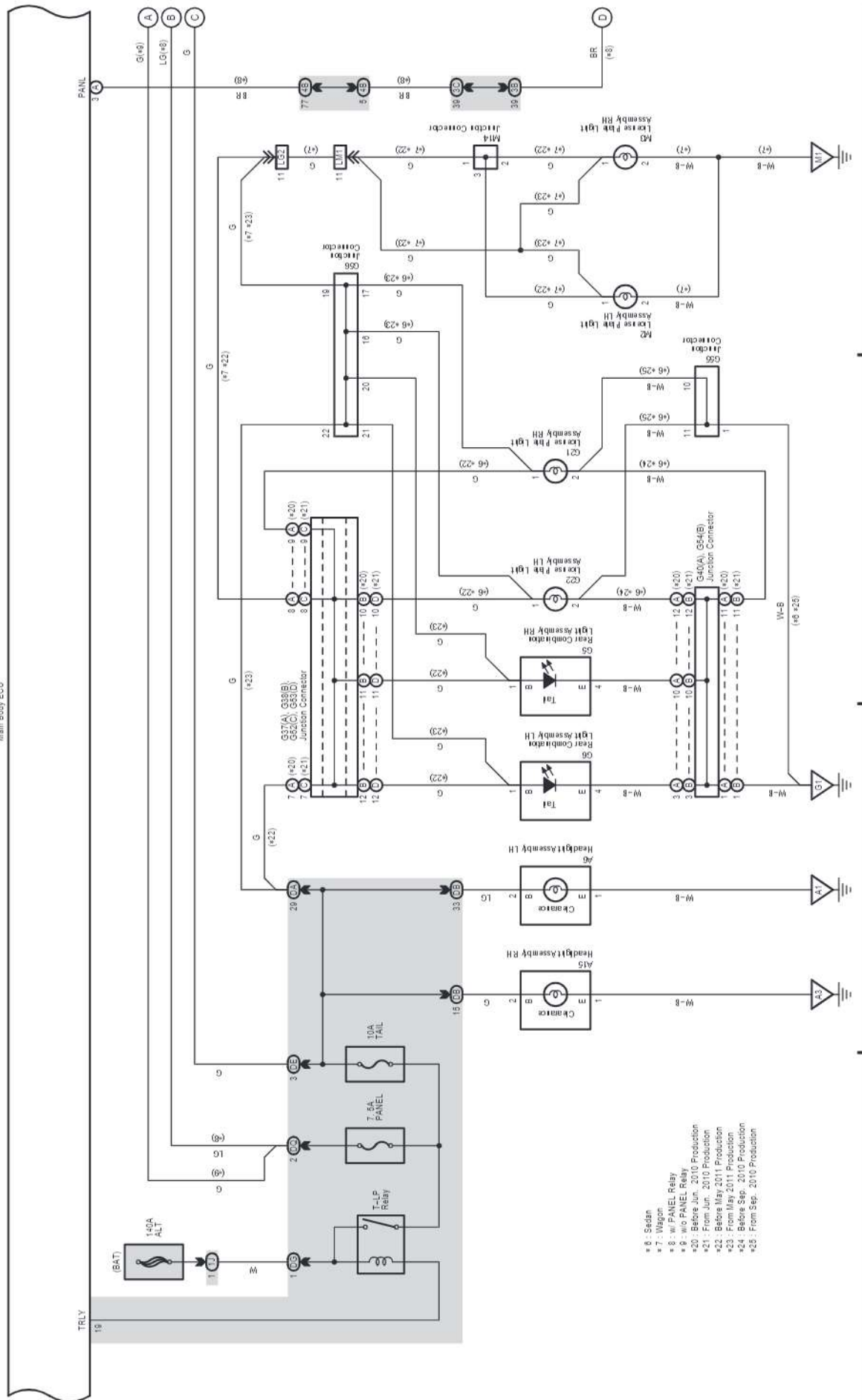
Taillight (Before Nov. 2011 Production)

16

15

14

13

D79(A), D80(B), D81(C)
Main Body ECU

M OVERALL ELECTRICAL WIRING DIAGRAM

5 AVENSIS (Cont' d)

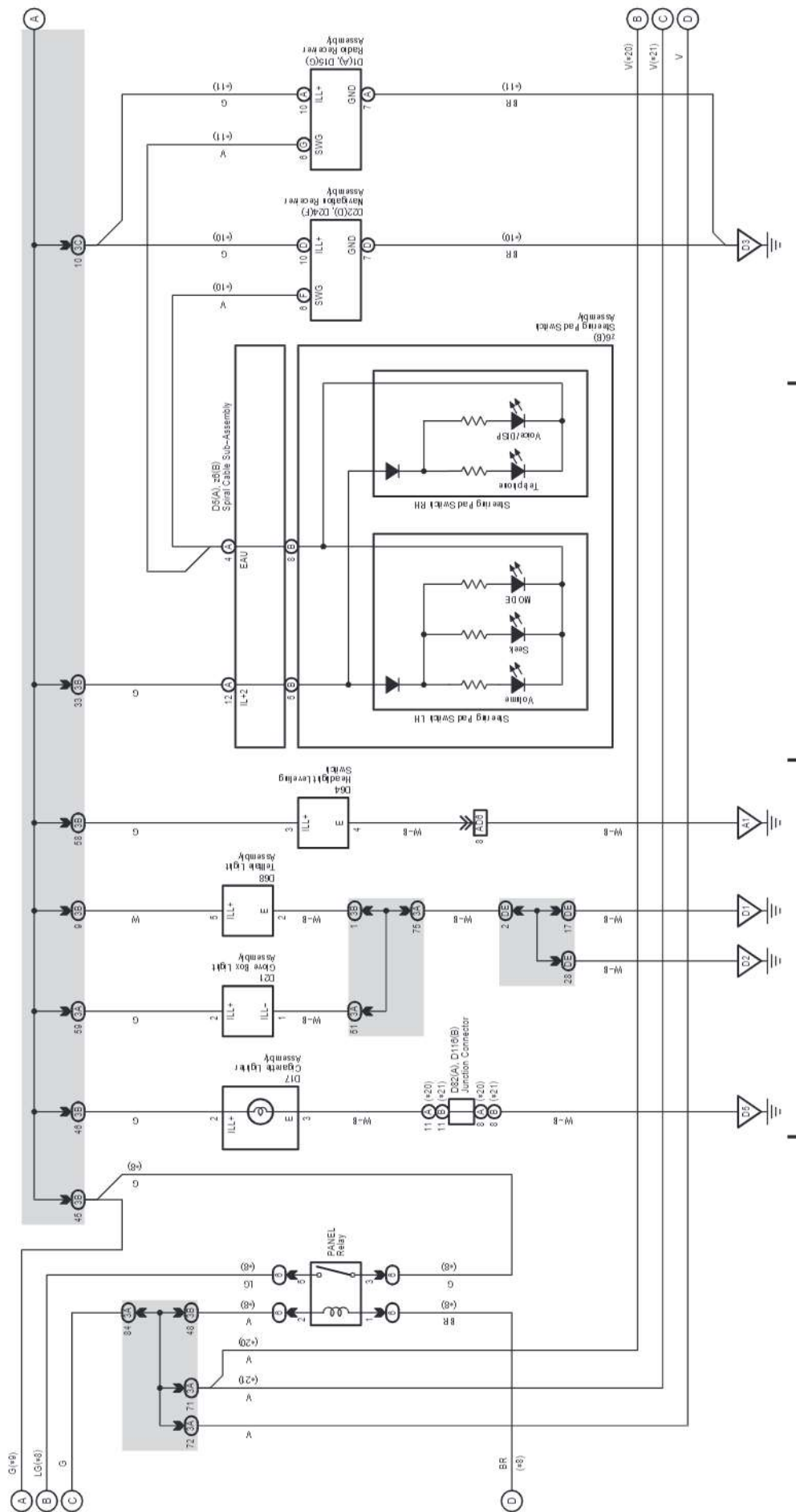
(Cont. next page)

*11 : w/o Navigation System
*20 : Before Jun. 2010 Production
*21 : From Jun. 2010 Production

*8 : w/ PANEL Relay
*9 : w/o PANEL Relay
*10 : w/ Navigation System

Illumination (Before Nov. 2011 Production)

D79(A), D80(B), D81(C)
Main Body ECU



AVENSIS (EM25H4E)

Illumination (Before Nov. 2011 Production)

*20 : Before Jun. 2010 Production
*21 : From Jun. 2010 Production

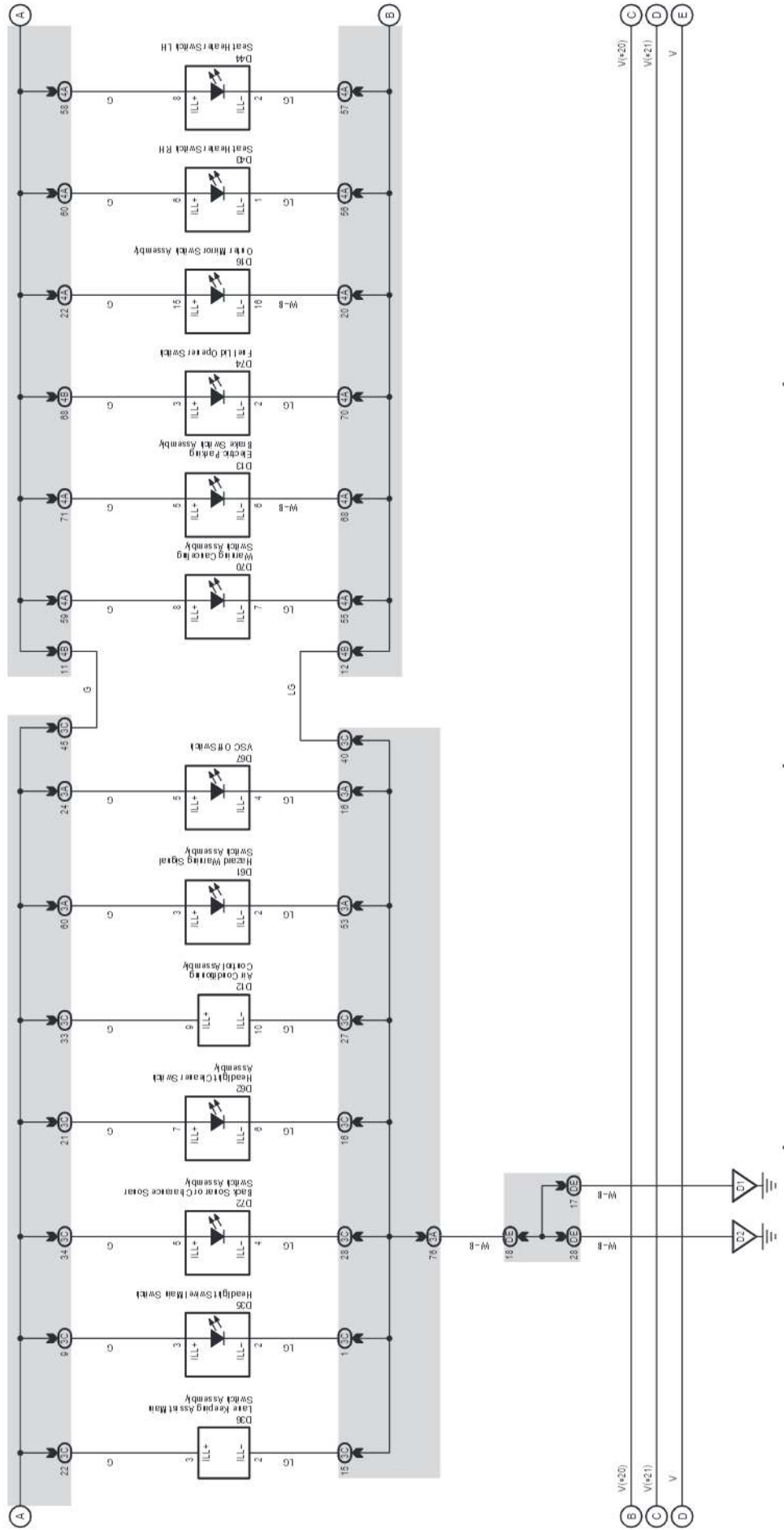
21

22

23

24

D79(A), D80(B), D81(C)
Main Body ECU



M OVERALL ELECTRICAL WIRING DIAGRAM

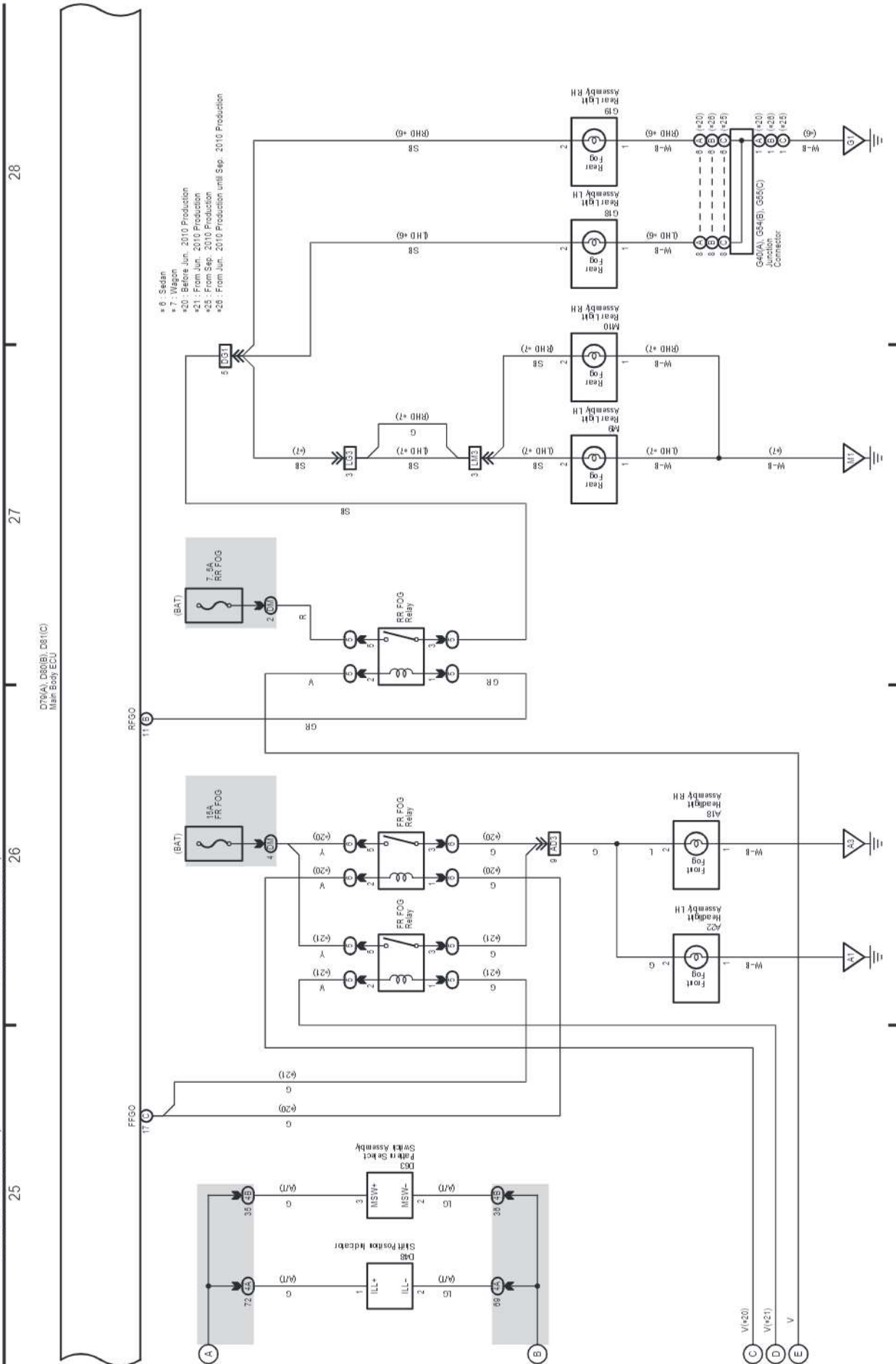
5 AVENSIS (Cont' d)

(Cont. next page)

Illumination
(Before Nov.
2011 Production)

Front Fog Light
(Before Nov.
2011 Production)

Rear Fog Light
(Before Nov. 2011 Production)



* : w/o Entry & Start System
x20 : Before Jun. 2010 Production
x21 : From Jun. 2010 Production



M OVERALL ELECTRICAL WIRING DIAGRAM

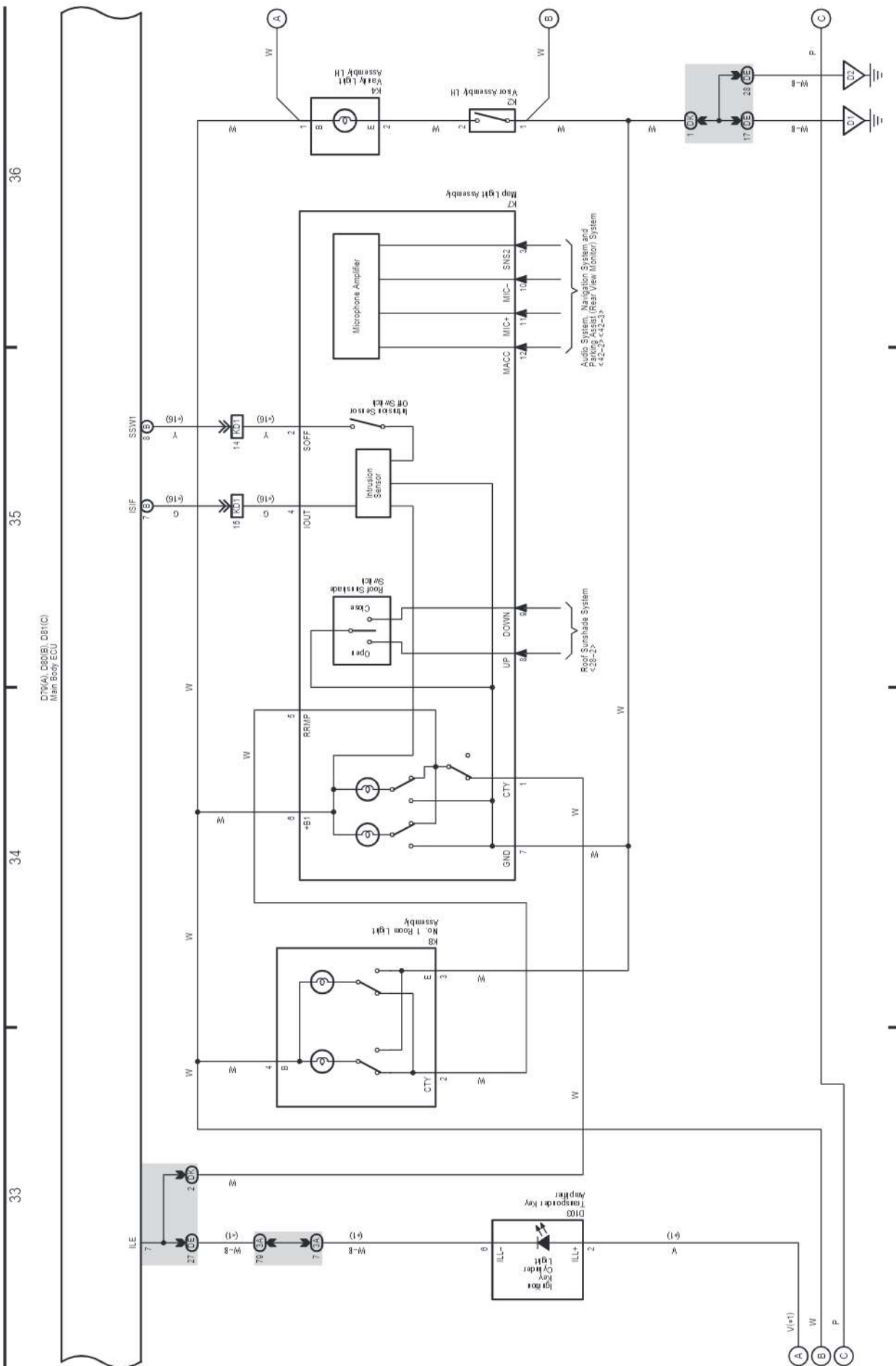
5 AVENSIS (Cont' d)

(Cont. next page)

Interior Light (Before Nov. 2011 Production)

*1: w/o Entry & Start System
*10: w/ Intrusion Sensor

D79(A), D80(B), D81(C)
Main Body ECU



AVENSIS (EM25H4E)

Back Door Opener (Before Nov. 2011 Production)



M OVERALL ELECTRICAL WIRING DIAGRAM

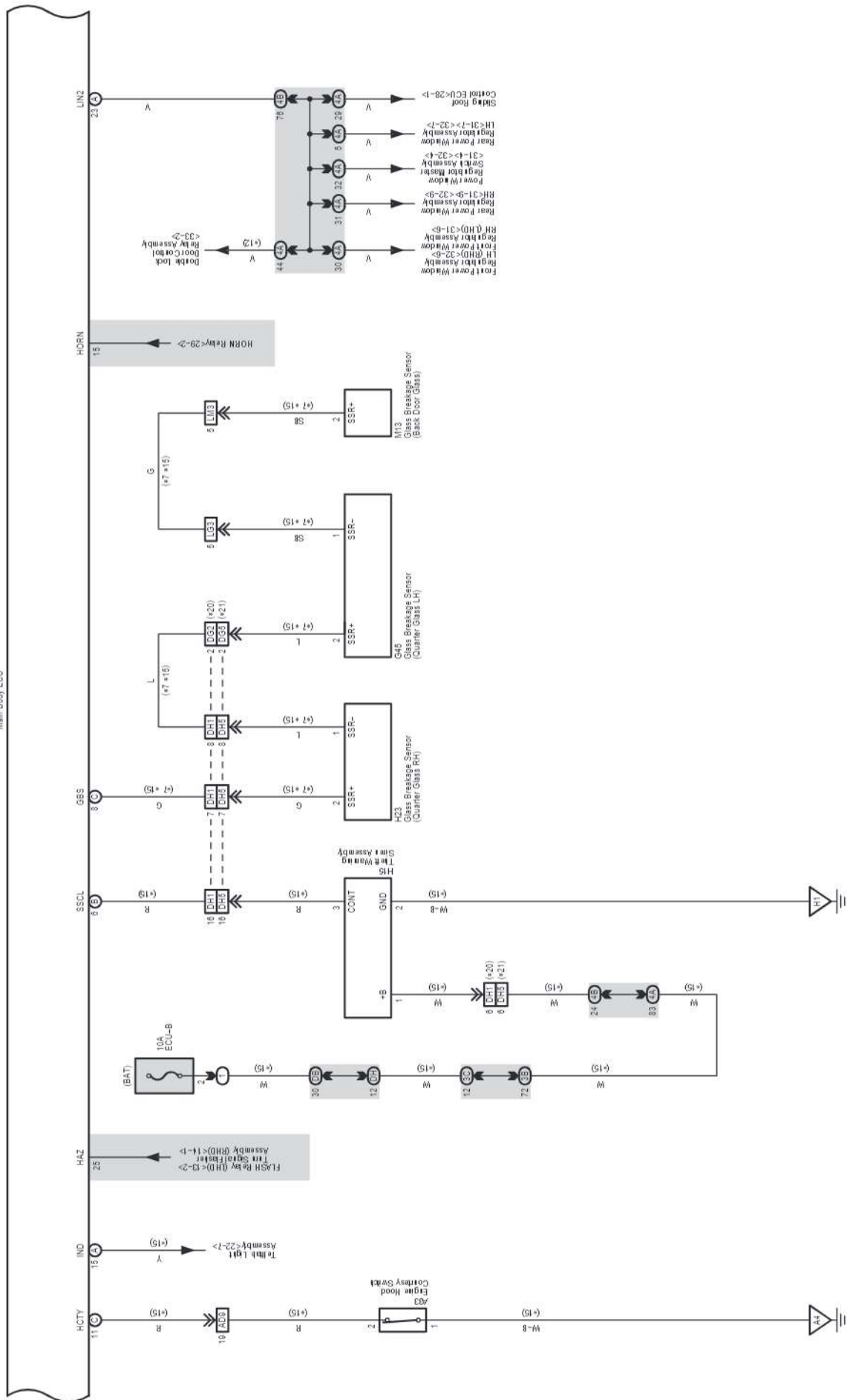
5 AVENSIS (Cont' d)

(Cont. next page)

*7 : Wagon
*12 : w/ Double Locking
*15 : w/ Theft Deterrent
*20 : Before Jun. 2010 Production
*21 : From Jun. 2010 Production

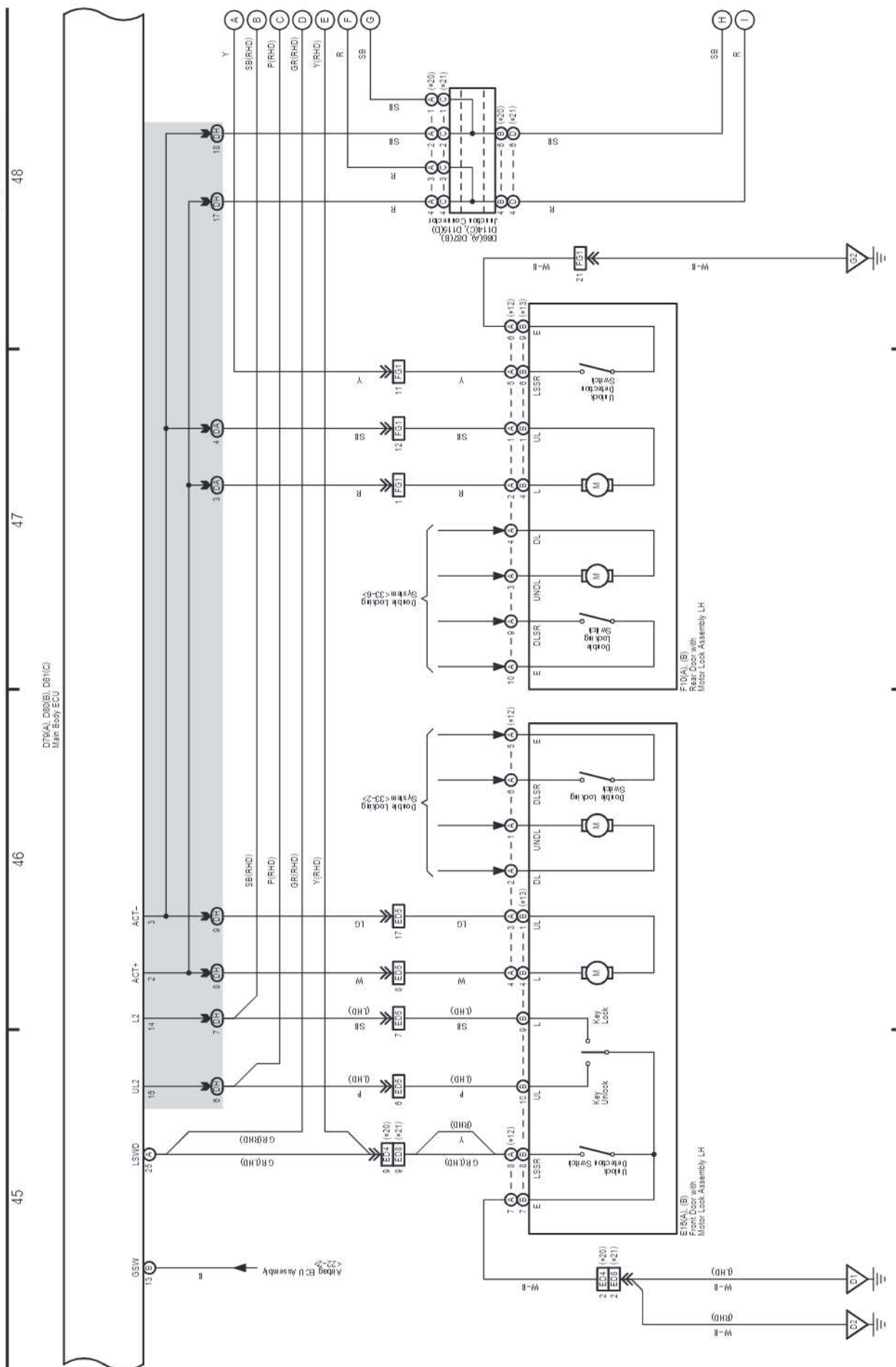
Theft Deterrent (Before Nov. 2011 Production)

D79(A), D80(B), D81(C)
Main Body ECU



AVENSIS (EM25H4E)

*13 : w/o Double Locking
*20 : Before Jun. 2010 Production
*21 : From Jun. 2010 Production



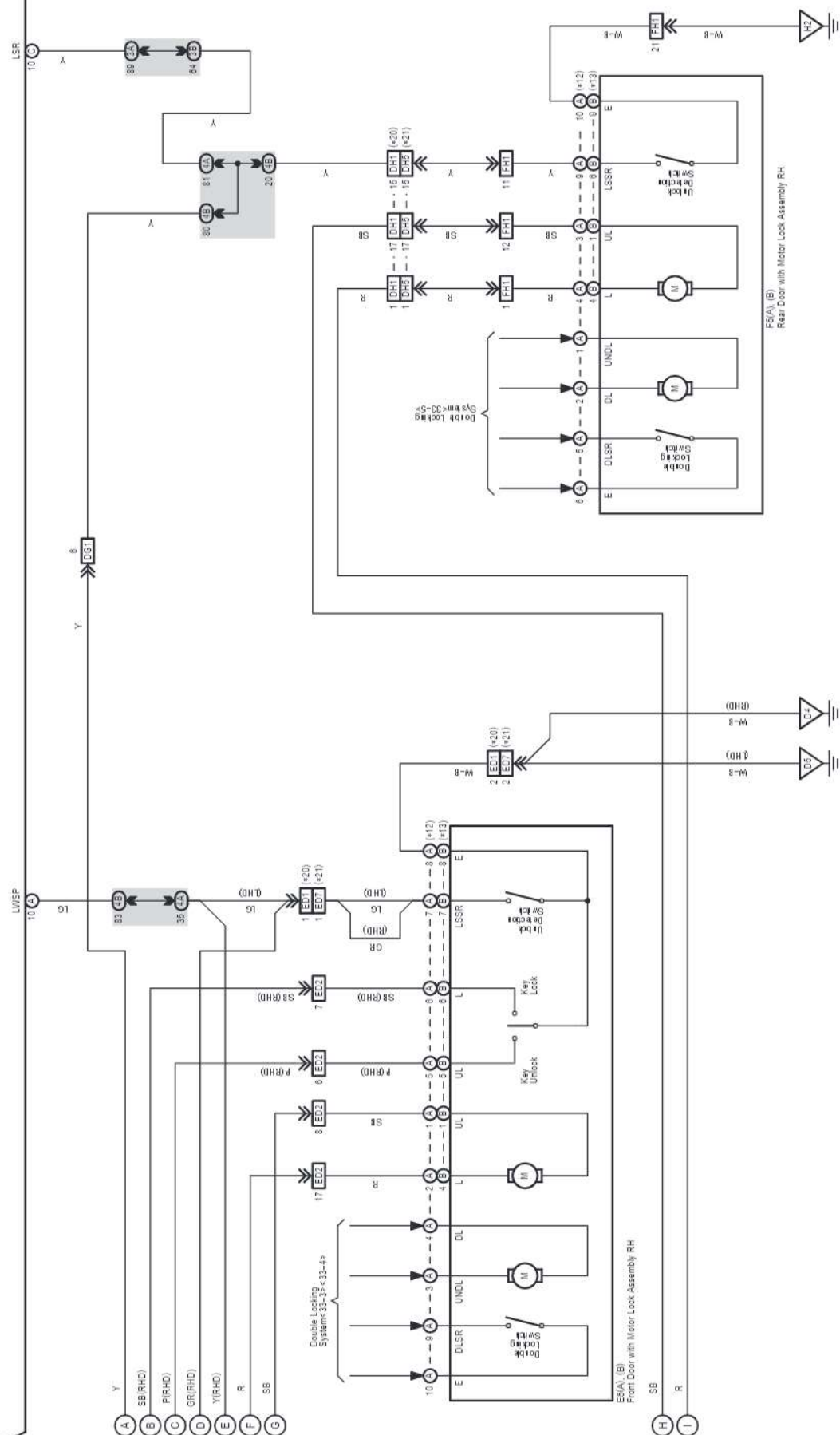
(Cont. next page)

5 AVENSIS (Cont' d)

#12 : w/ Double Locking
#13 : w/o Double Locking
#20 : Before Jun. 2010 Production
#21 : From Jun. 2010 Production

Door Lock Control (Before Nov. 2011 Production)

D79(A), D80(B), D81(C)
Main Body ECU



AVENSIS (EM25H4E)

Wireless Door Lock Control (w/o Entry & Start System) (Before Nov. 2011 Production)

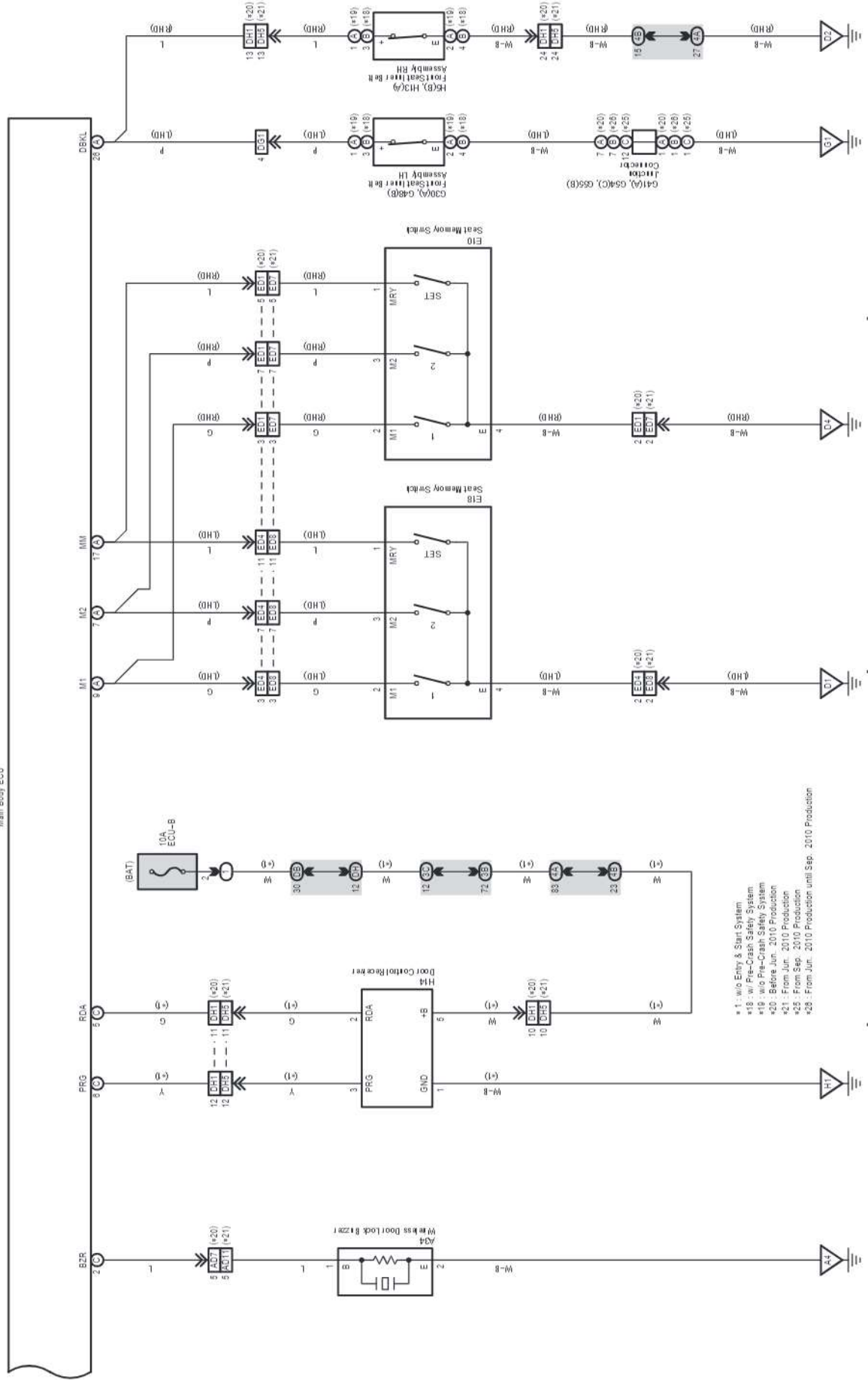
53

54

55

56

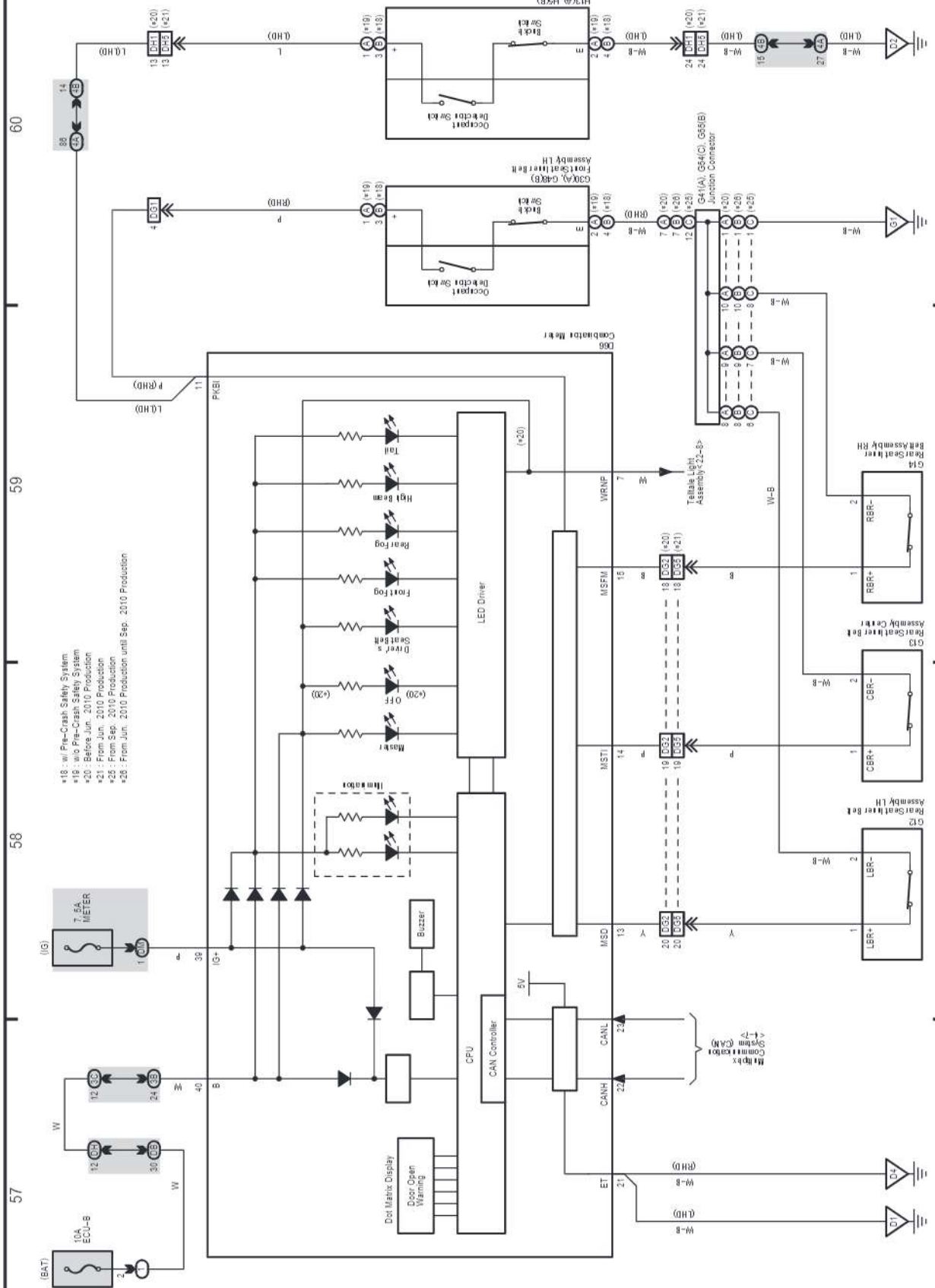
D76(A), D80(B), D81(C)
Main Body ECU



M OVERALL ELECTRICAL WIRING DIAGRAM

5 AVENSIS (Cont' d)

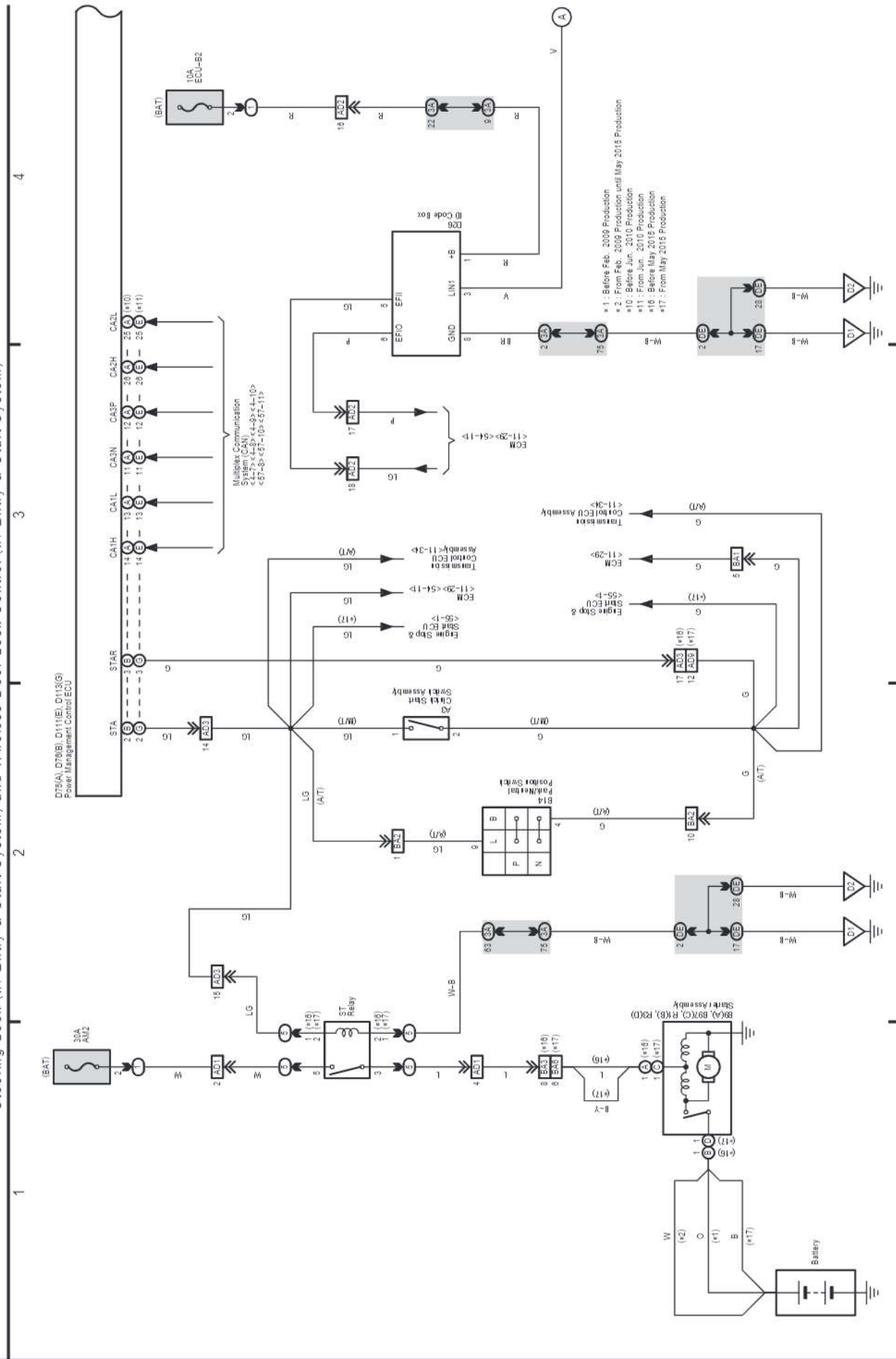
Seat Belt Warning (Before Nov. 2011 Production)



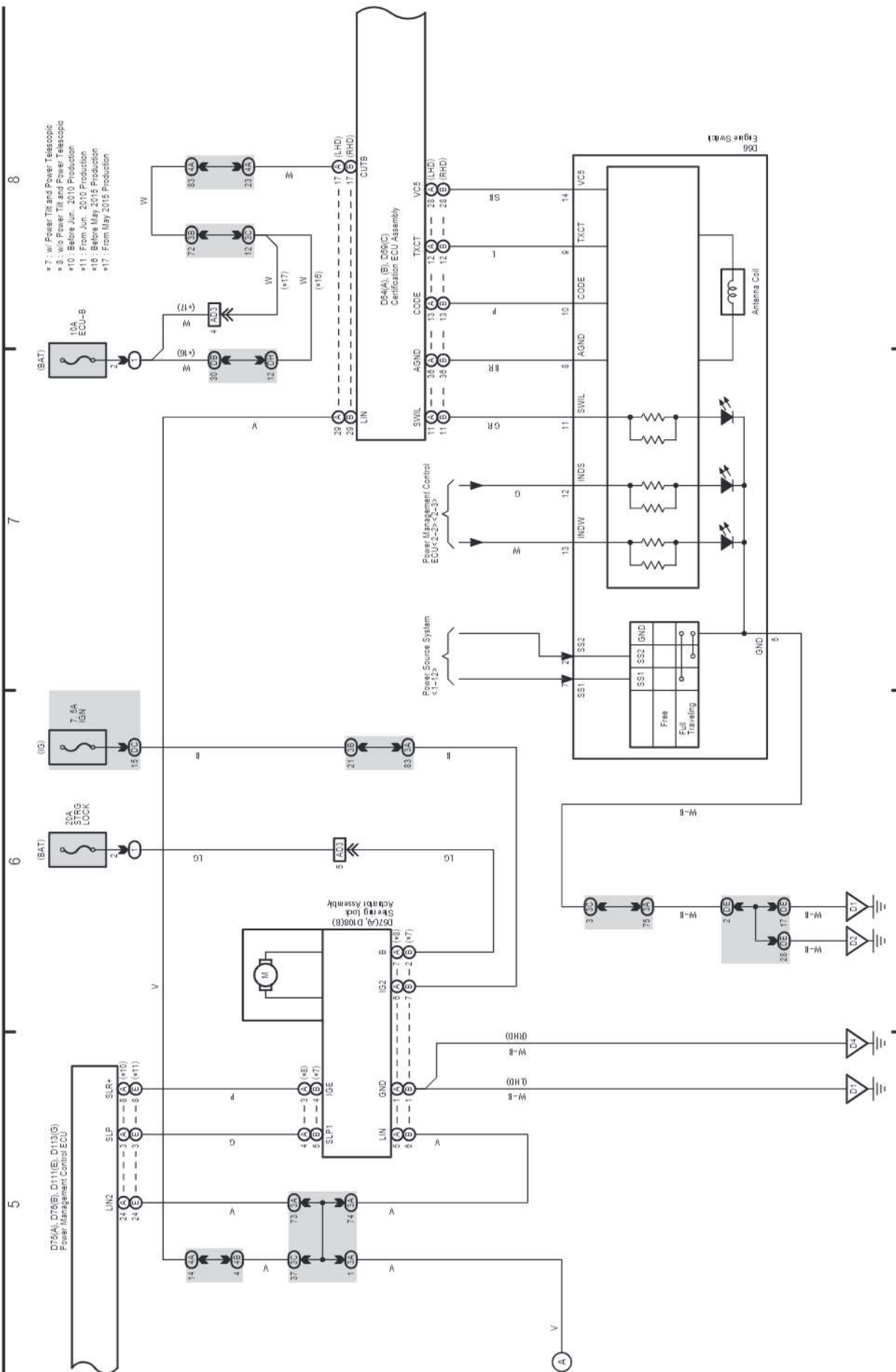
AVENSIS (EM25H4E)

M OVERALL ELECTRICAL WIRING DIAGRAM

Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System),
Steering Lock (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System)

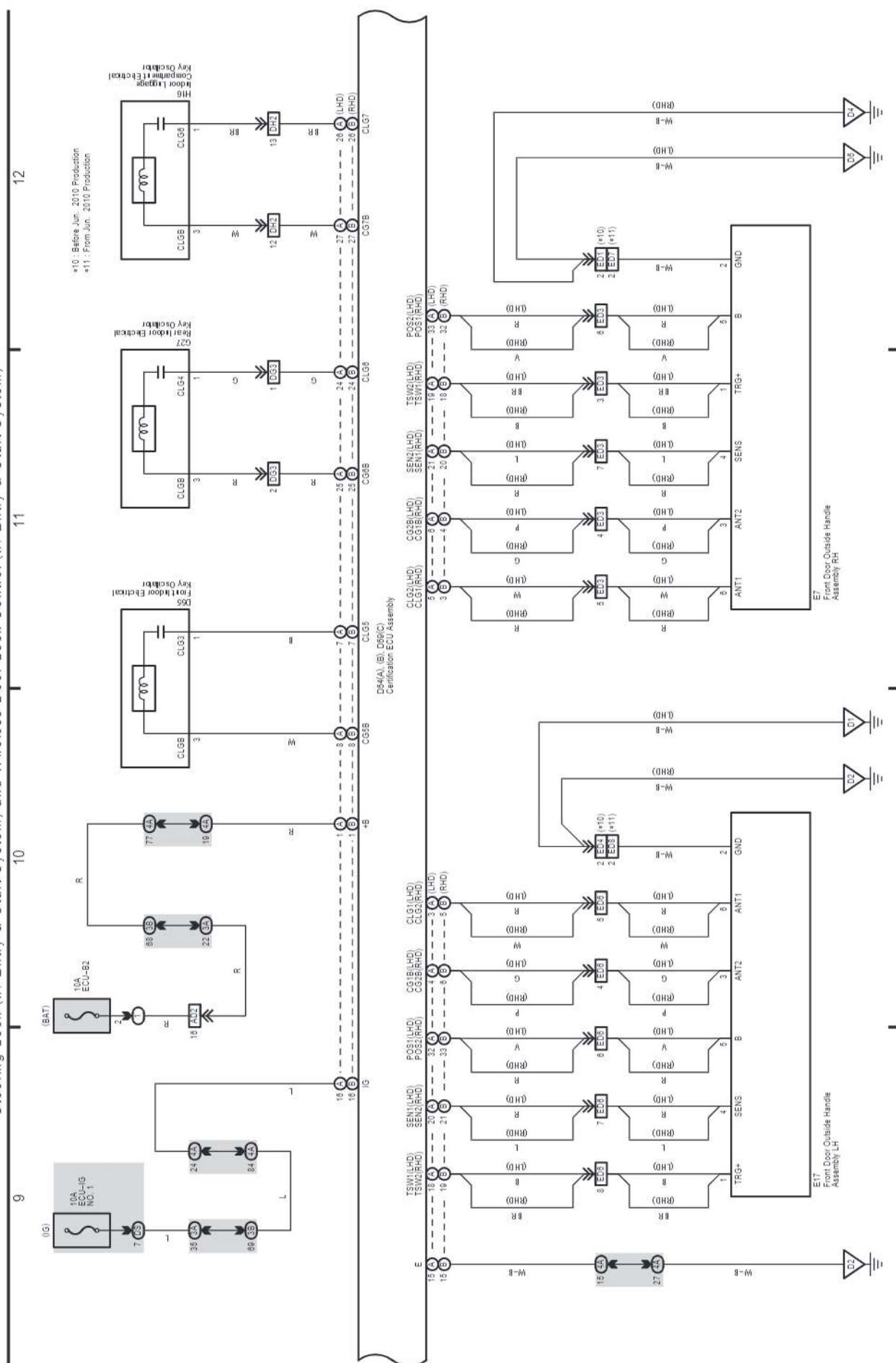


Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System),
Steering Lock (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System)

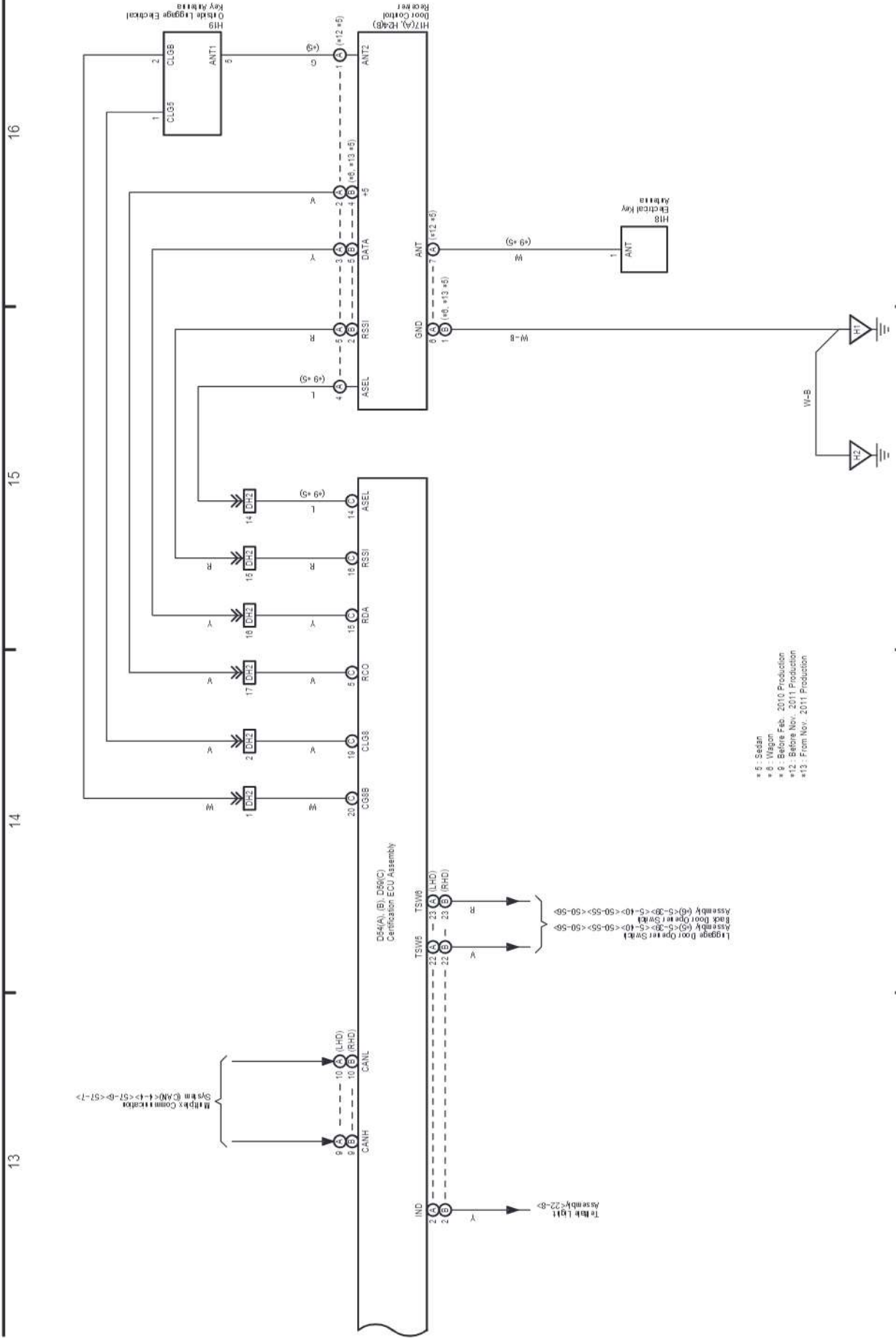


M OVERALL ELECTRICAL WIRING DIAGRAM

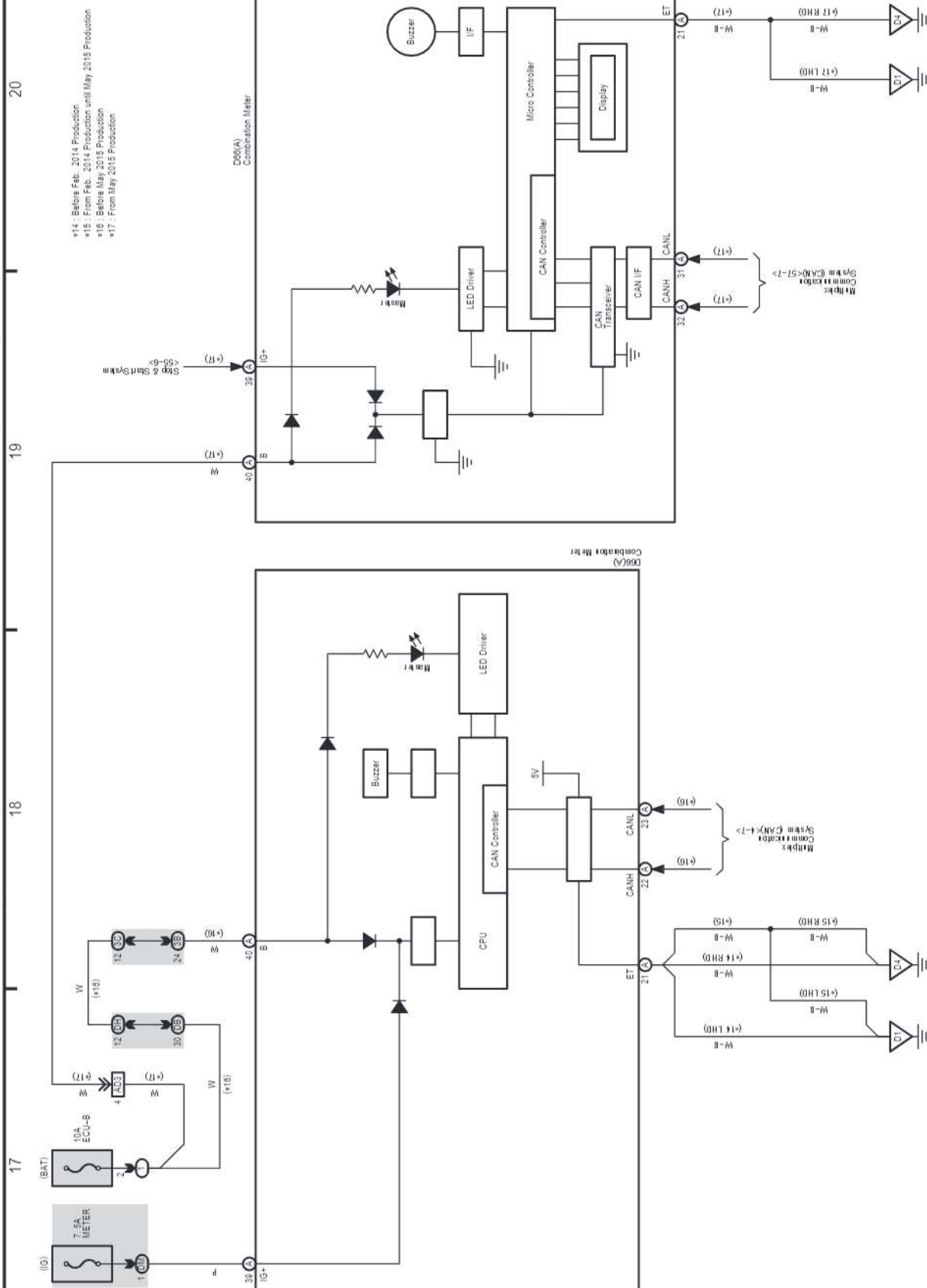
Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System), Steering Lock (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System)



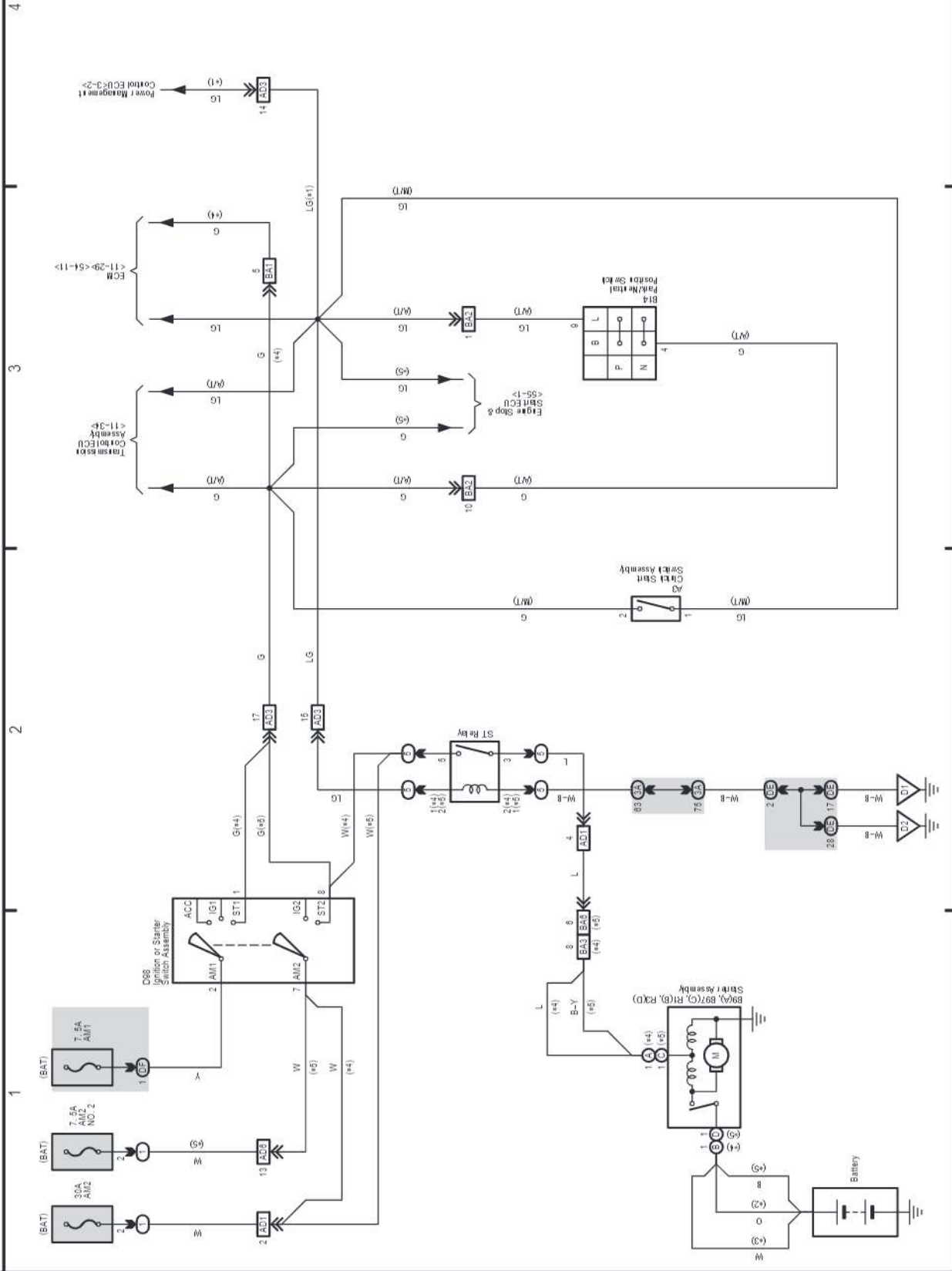
Engine Immobiliser System (w/ Entry & Start System), Entry & Start System, Starting (w/ Entry & Start System),
Steering Lock (w/ Entry & Start System) and Wireless Door Lock Control (w/ Entry & Start System)



6 AVENSIS (Cont' d)



Starting (w/o Entry & Start System)

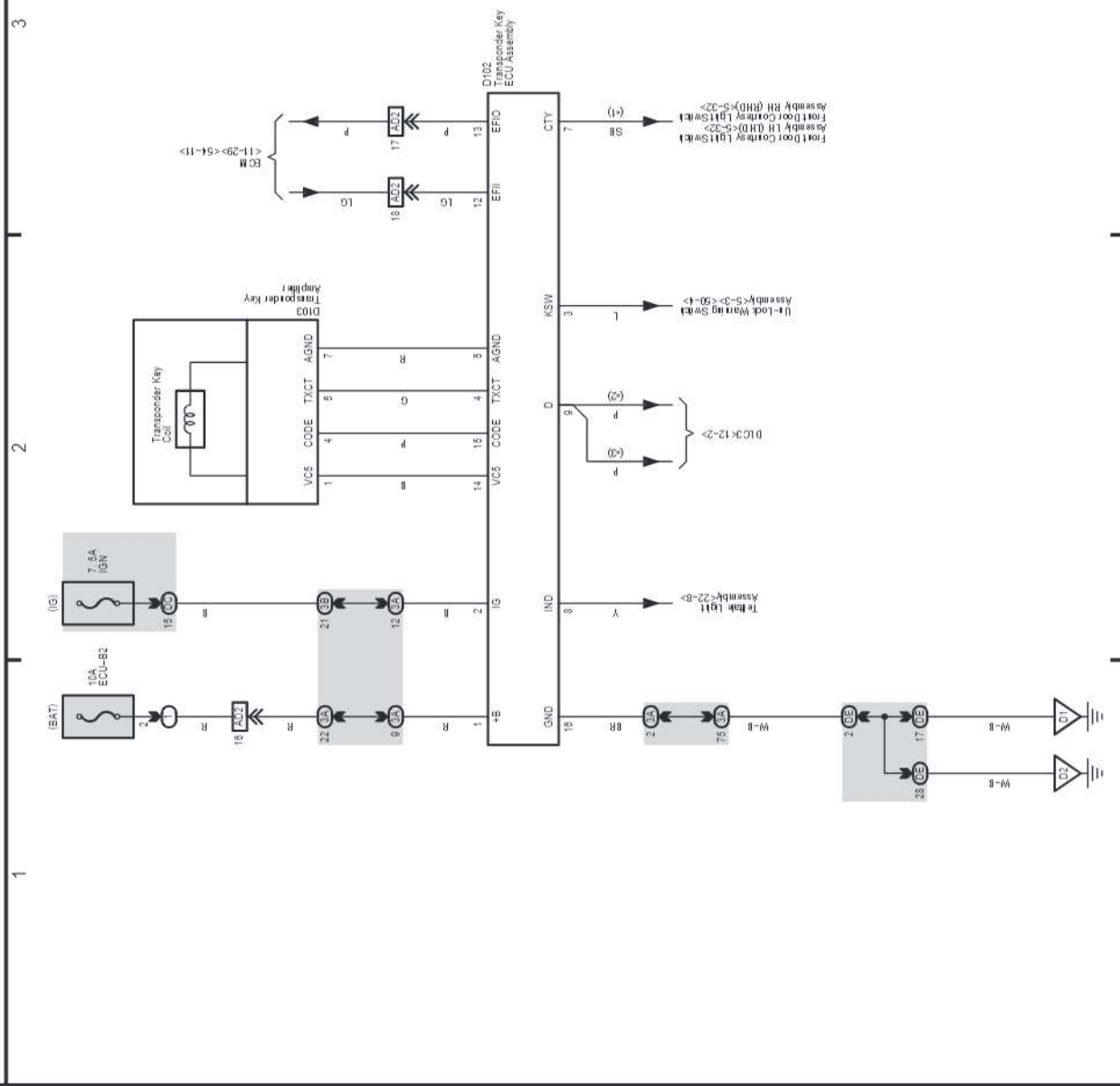


M OVERALL ELECTRICAL WIRING DIAGRAM

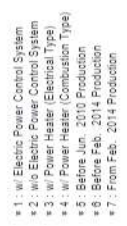
8 AVENSIS

* 1 : Before Jun. 2010 Production
* 2 : Before Feb. 2014 Production
* 3 : From Feb. 2014 Production

Engine Immobiliser System (w/o Entry & Start System)



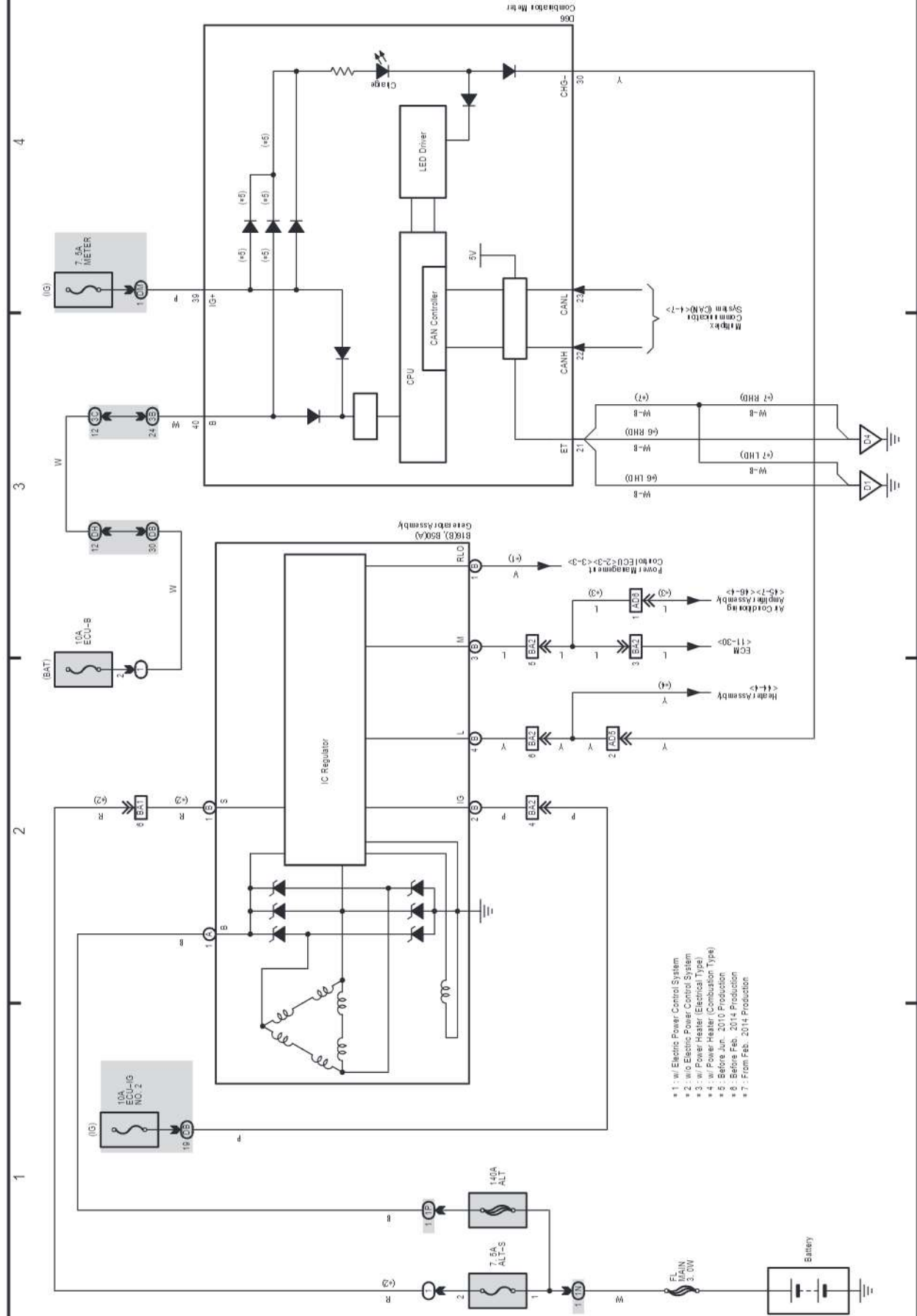
AVENSIS (EM25H4E)



M OVERALL ELECTRICAL WIRING DIAGRAM

10 AVENSIS

Charging (Except Cold Area Spec.) (Before May 2015 Production)



AVENSIS (EM25H4E)

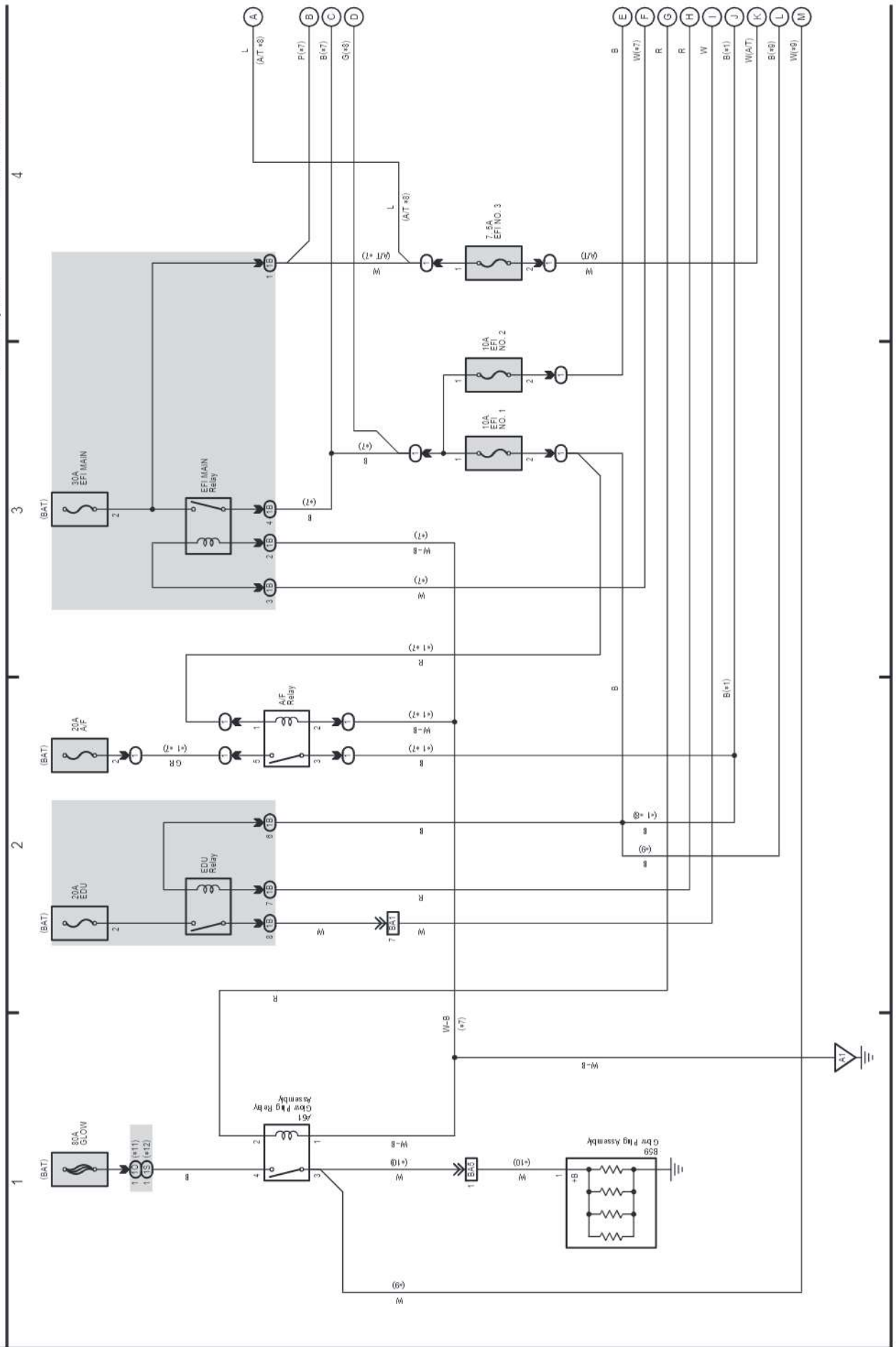
M OVERALL ELECTRICAL WIRING DIAGRAM

11 AVENSIS

(Cont. next page)

Engine Control (Before May 2015 Production)

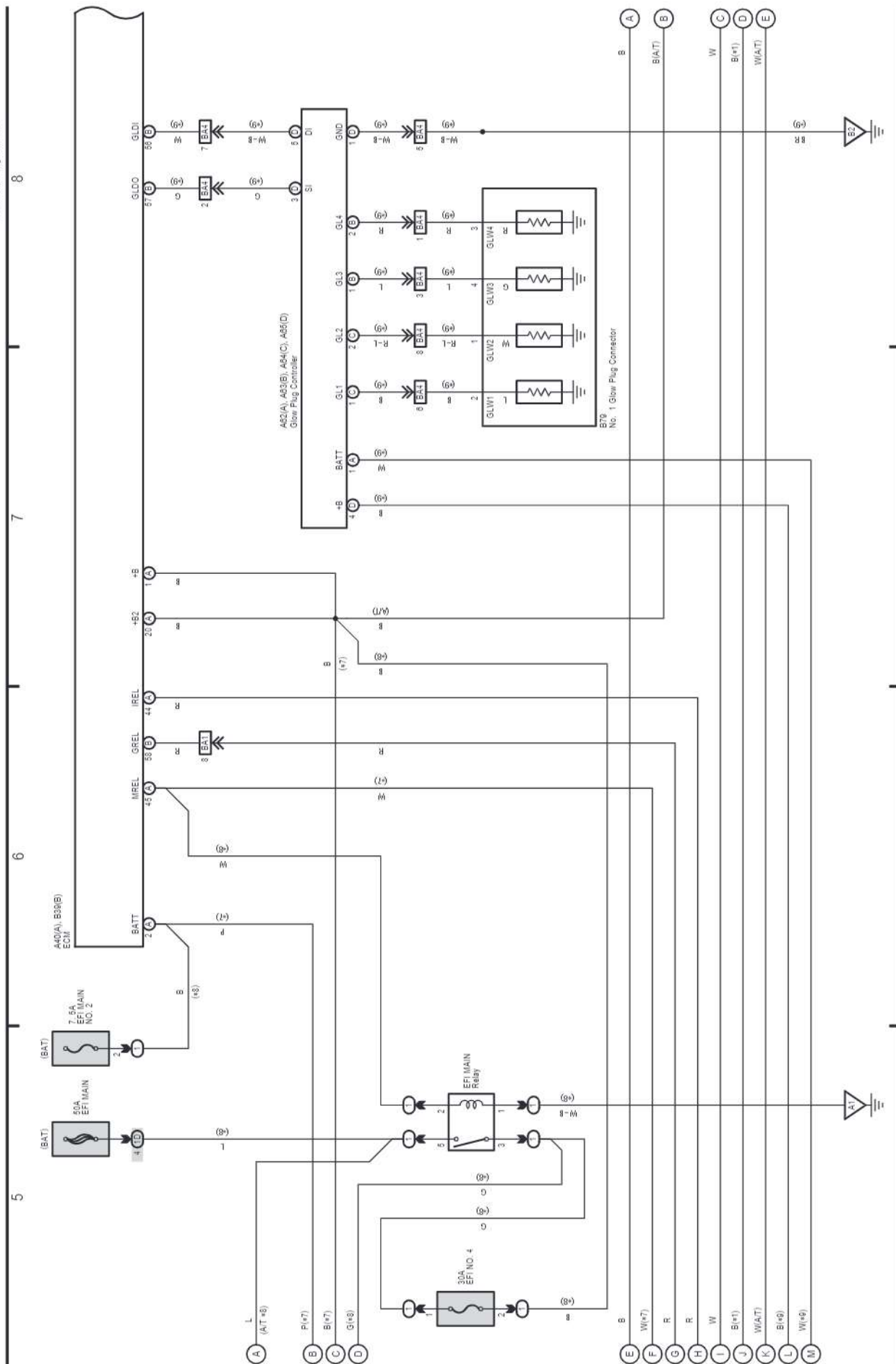
*1 : w/ Air Fuel Ratio Sensor
 *7 : Before Nov. 2011 Production
 *8 : From Nov. 2011 Production
 *9 : w/ Glow Plug Controller
 *10 : w/o Glow Plug Controller
 *11 : Before Feb. 2013 Production
 *12 : From Feb. 2013 Production



AVENSIS (EM25H4E)

Engine Control (Before May 2015 Production)

- *1 : w/ Air Fuel Ratio Sensor
- *7 : Before Nov. 2011 Production
- *8 : From Nov. 2011 Production
- *9 : w/ Glow Plug Controller



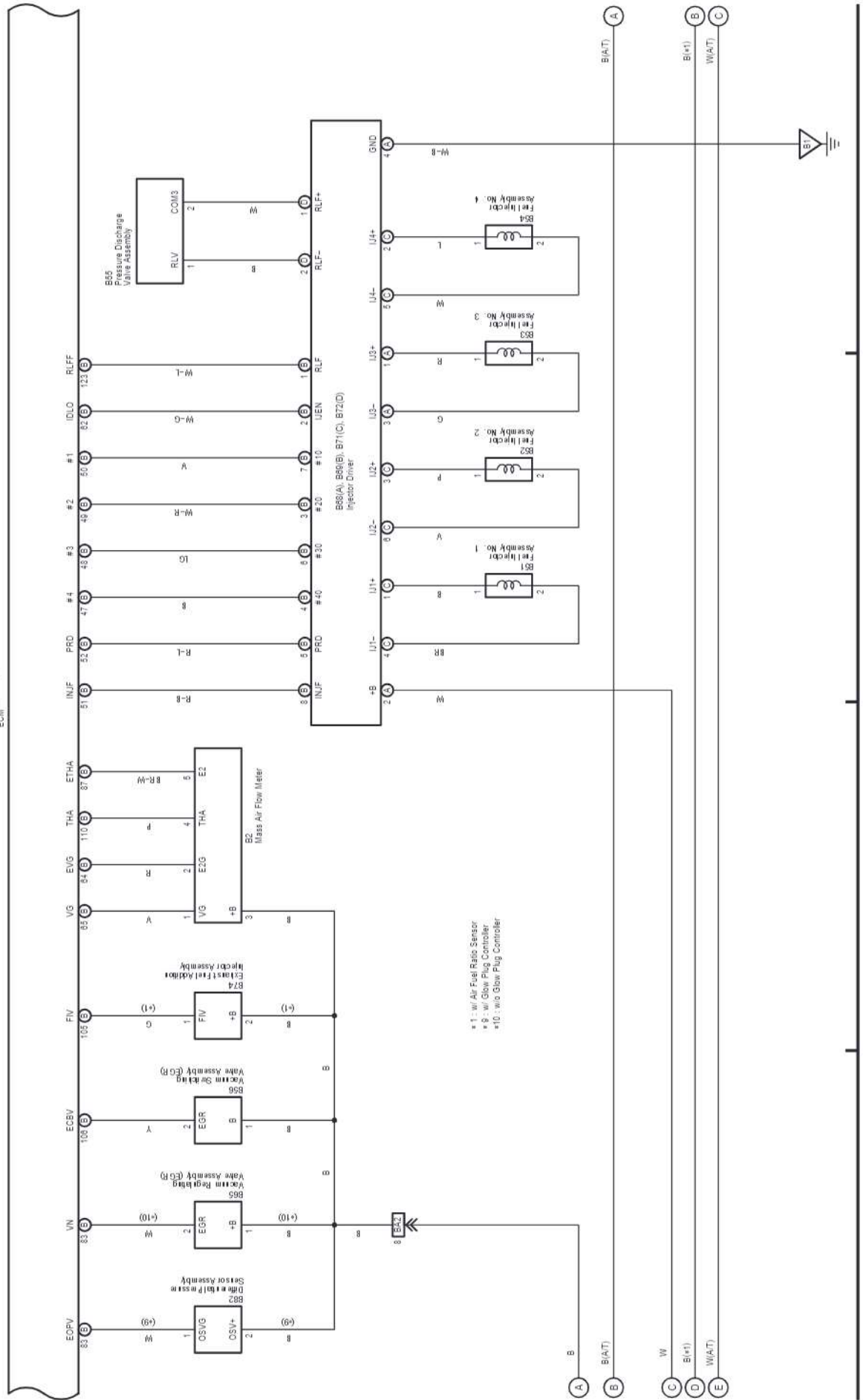
M OVERALL ELECTRICAL WIRING DIAGRAM

11 AVENSIS (Cont' d)

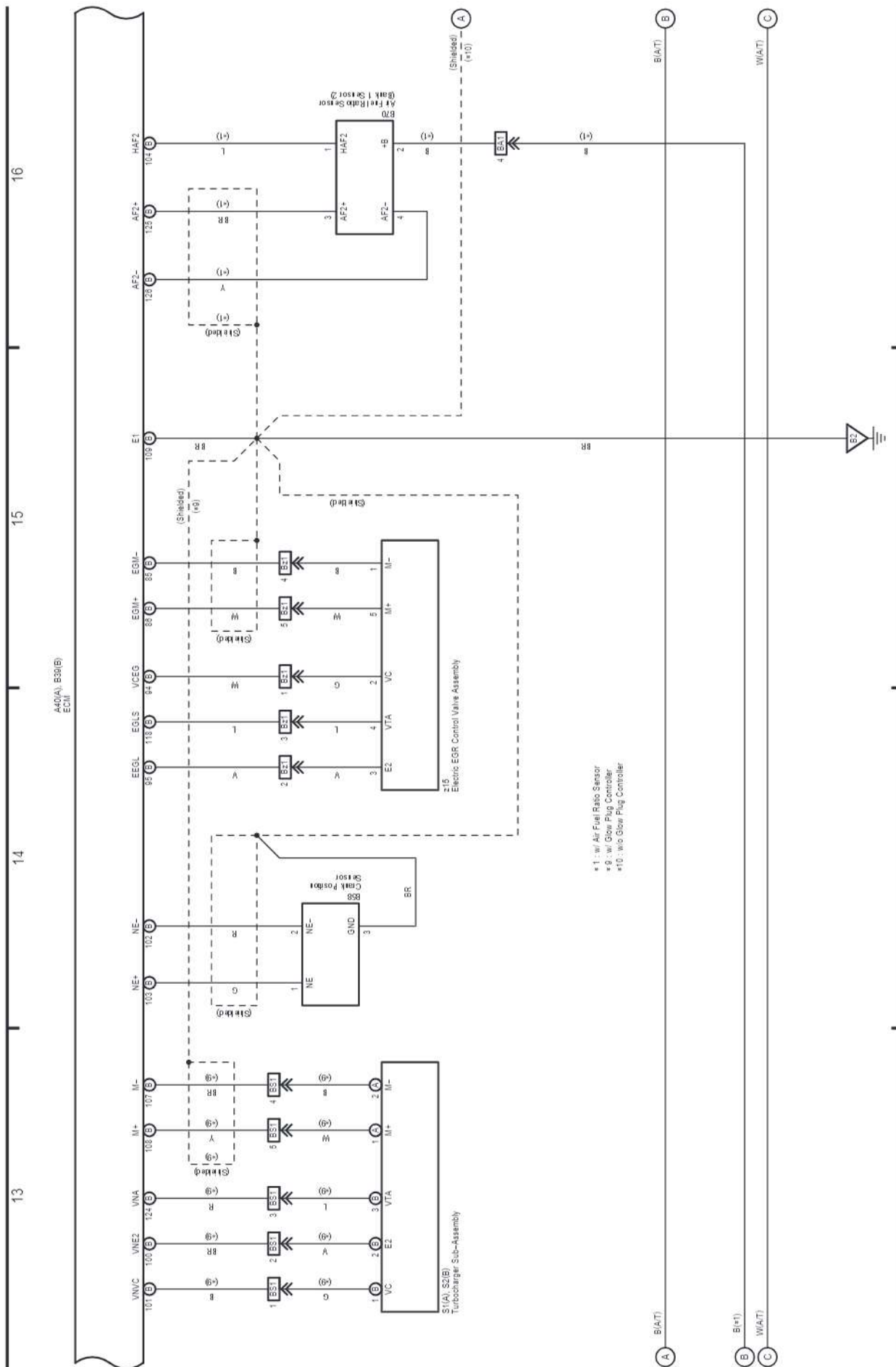
(Cont. next page)

Engine Control (Before May 2015 Production)

A40(A), B38(B)
ECM



AVENSIS (EM25H4E)



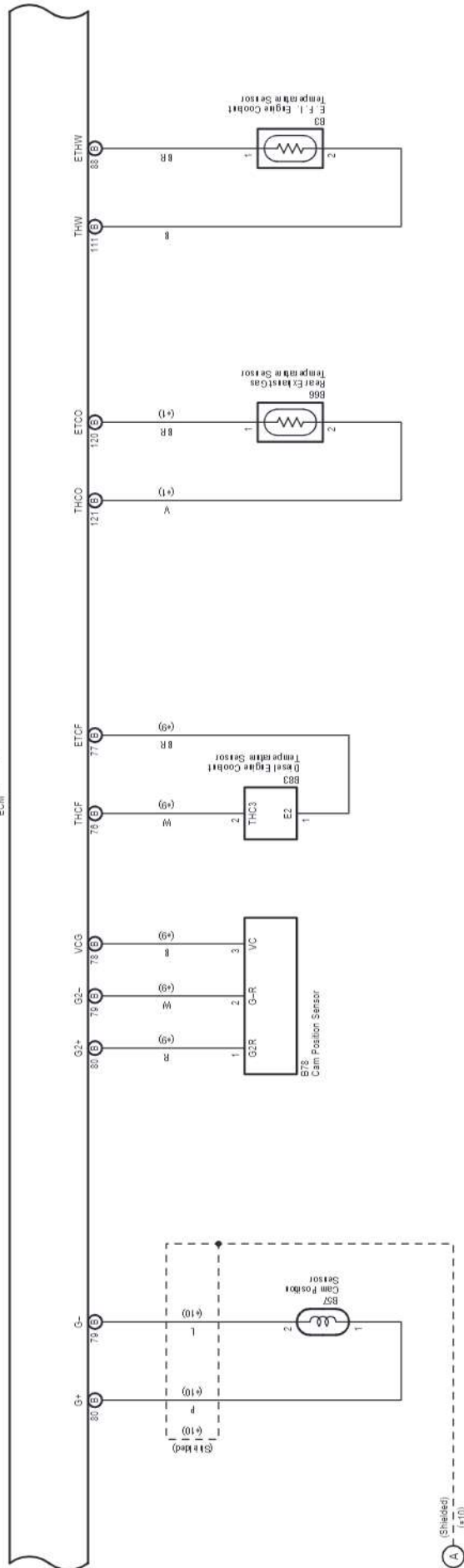
M OVERALL ELECTRICAL WIRING DIAGRAM

11 AVENSIS (Cont' d)

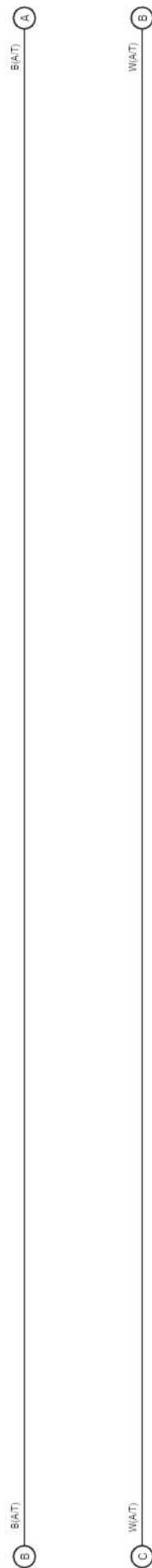
(Cont. next page)

Engine Control (Before May 2015 Production)

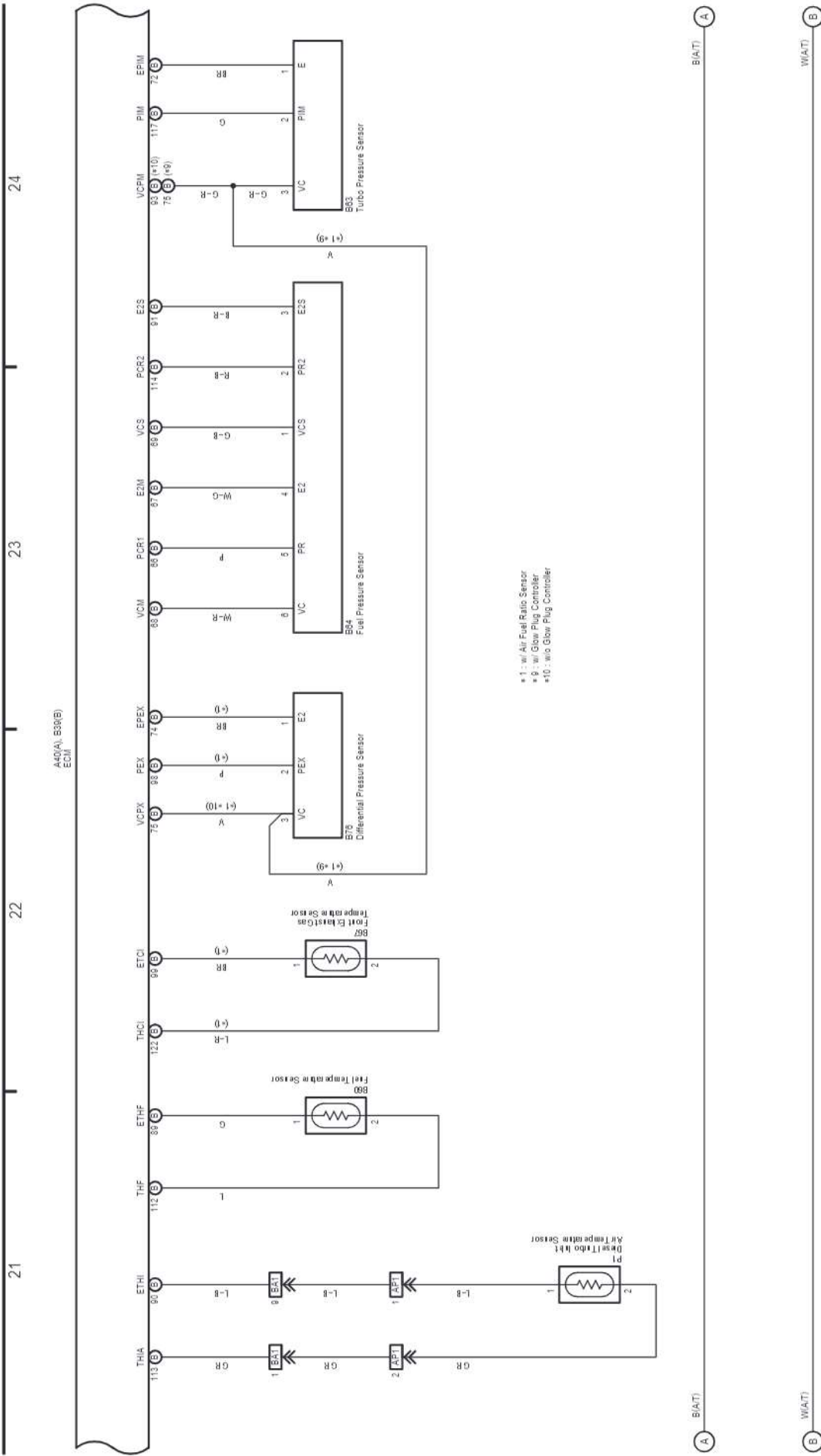
A40(A), B30(B)
ECM



* 1 : w/ Air Fuel Ratio Sensor
* 9 : w/ Glow Plug Controller
* 10 : w/o Glow Plug Controller

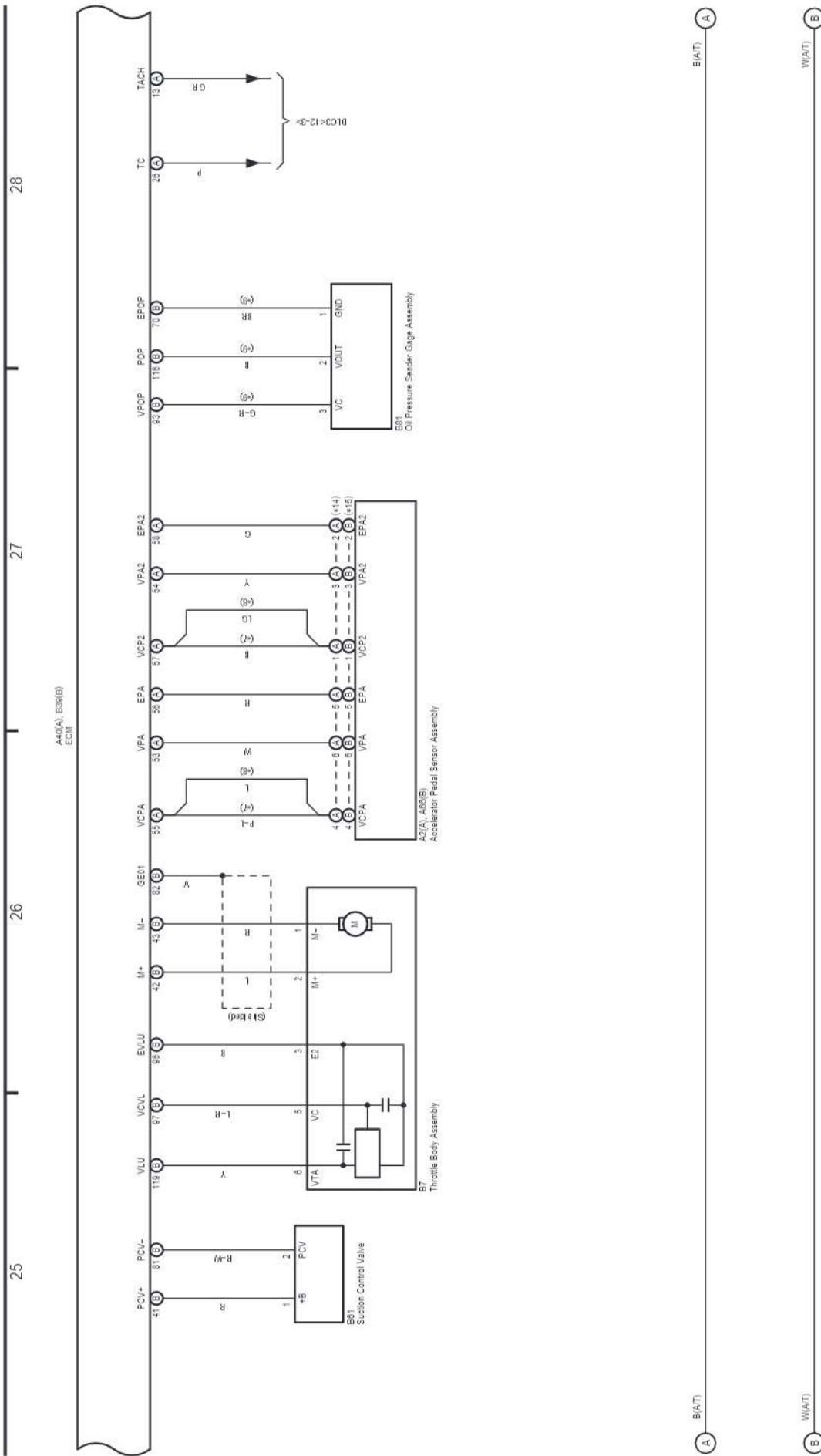


Engine Control (Before May 2015 Production)

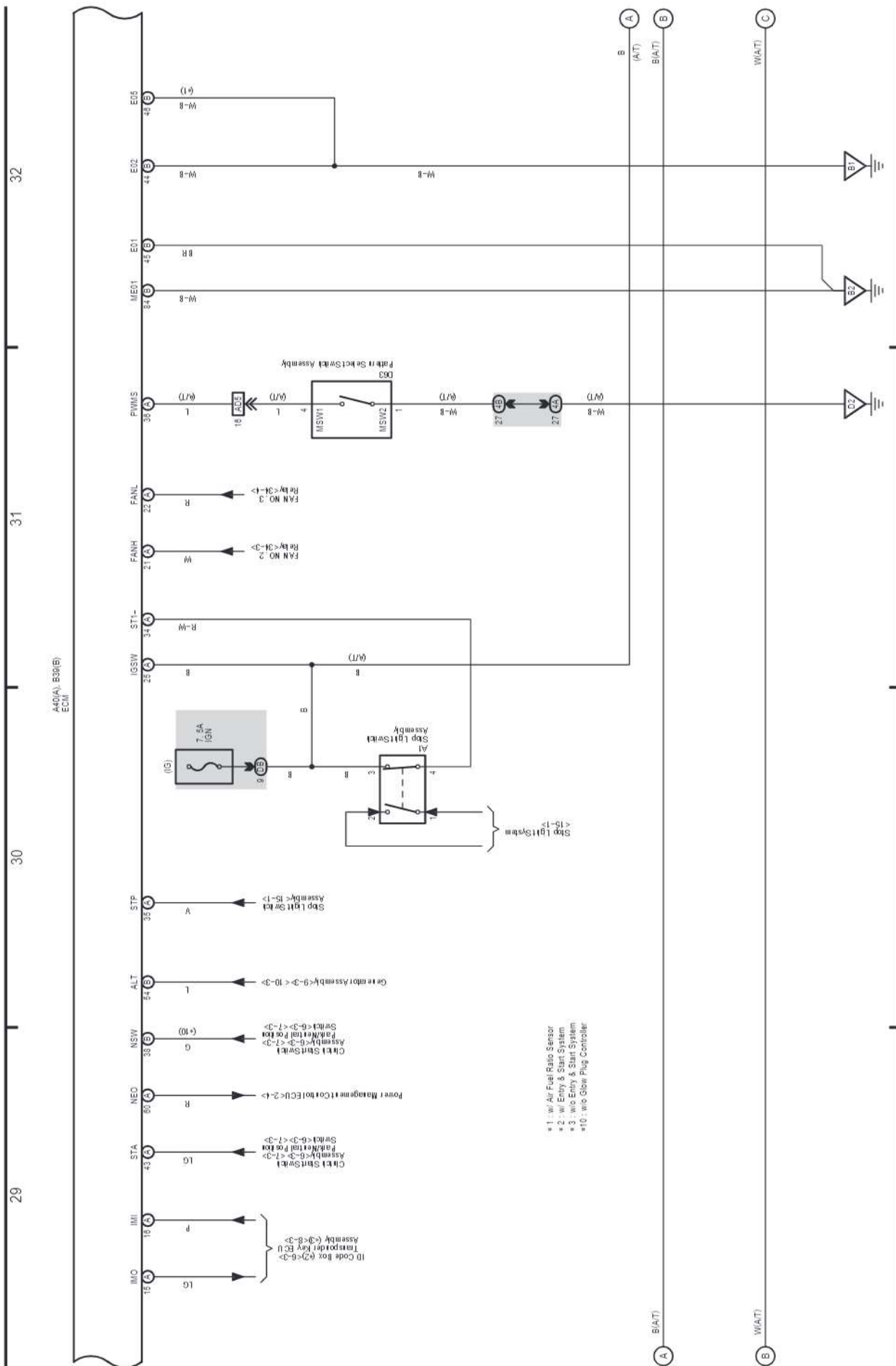


*7 : Before Nov. 2011 Production
 *8 : From Nov. 2011 Production
 *9 : w/ Glow Plug Controller
 *14 : Before Feb. 2014 Production
 *15 : From Feb. 2014 Production

Engine Control (Before May 2015 Production)



Engine Control (Before May 2015 Production)



M OVERALL ELECTRICAL WIRING DIAGRAM

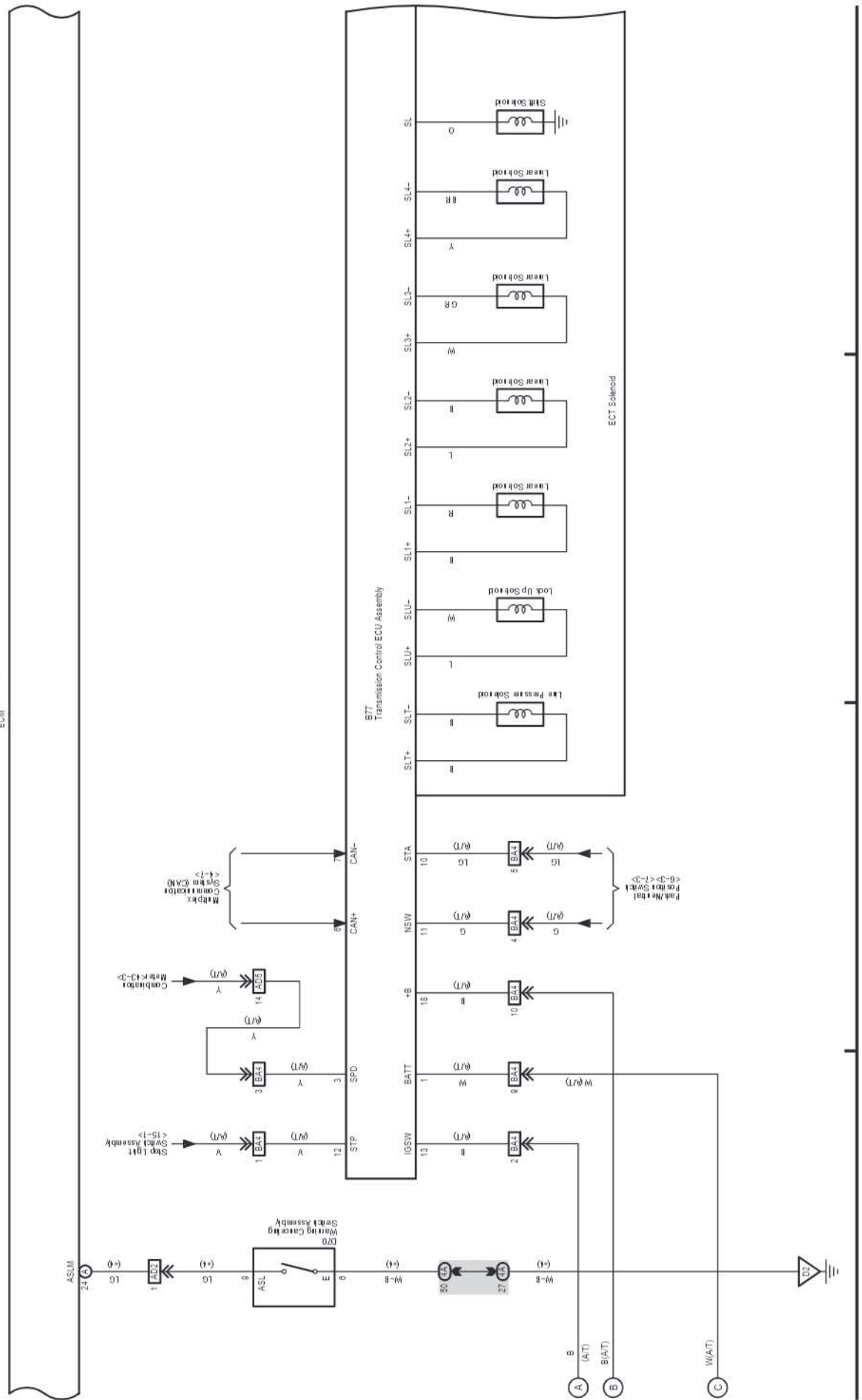
11 AVENSIS (Cont' d)

(Cont. next page)

ECT and A/T Indicator (Before May 2015 Production)

* 4 : w/ Warning Canceling Switch Assembly

A40(A), B30(B)
ECM



AVENSIS (EM25H4E)

ECT and A/T Indicator (Before May 2015 Production)

*11: Before Feb. 2013 Production

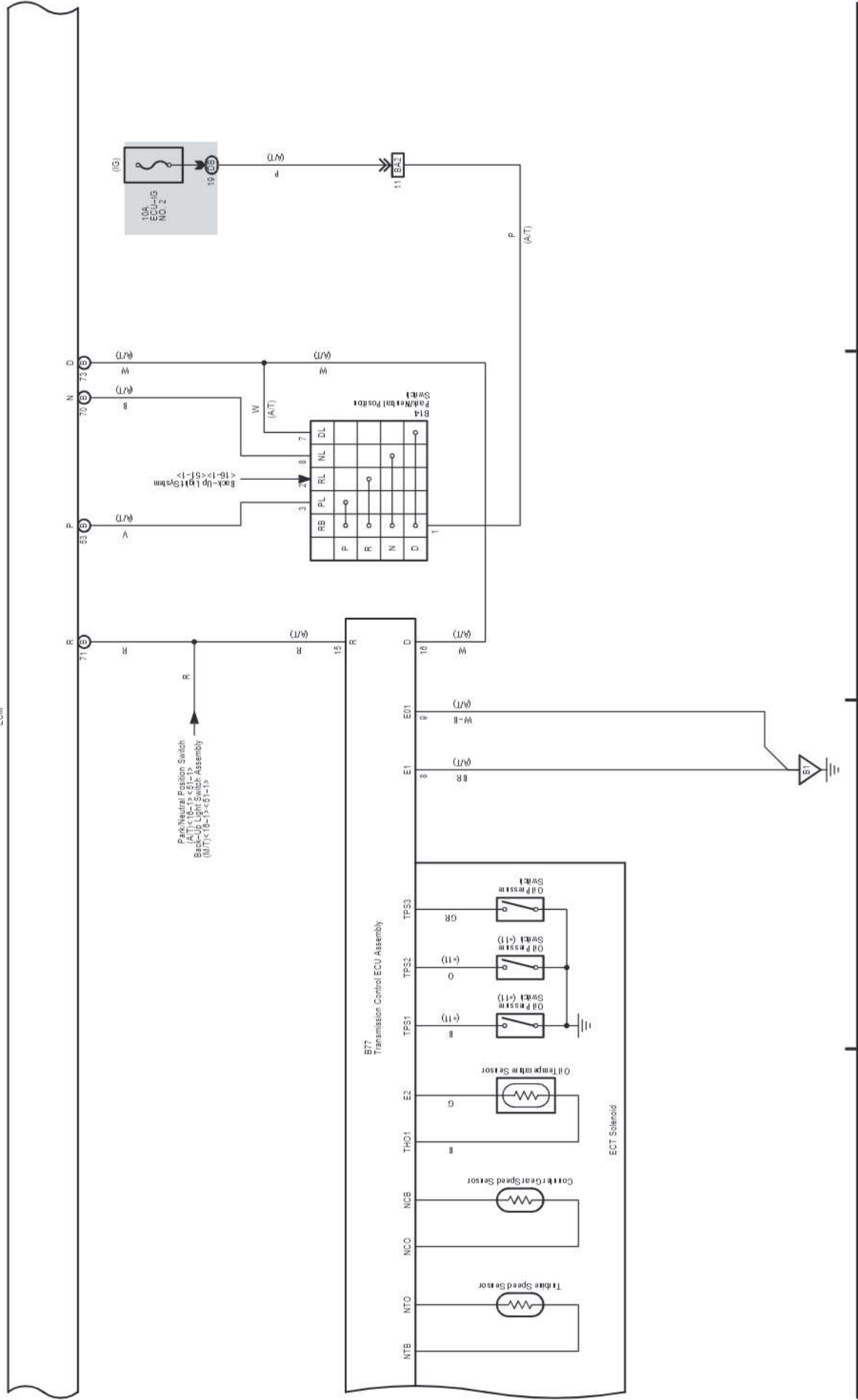
37

38

39

40

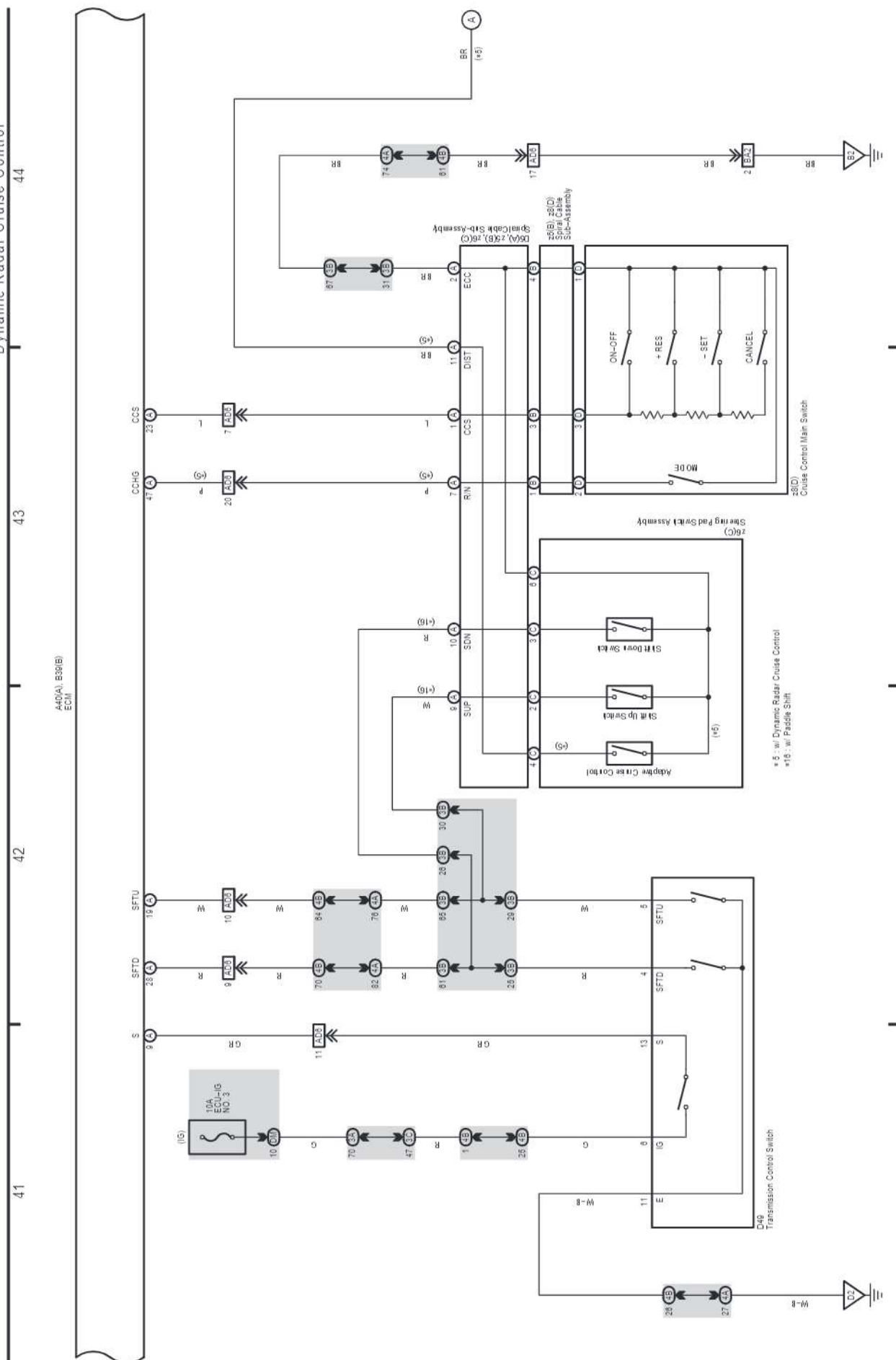
A40(A), B30(B)
ECM



(Cont. next page)

Cruise Control (Before May 2015 Production) or Dynamic Radar Cruise Control

ECT and A/T Indicator (Before May 2015 Production)



AVENSIS (EM25H4E)

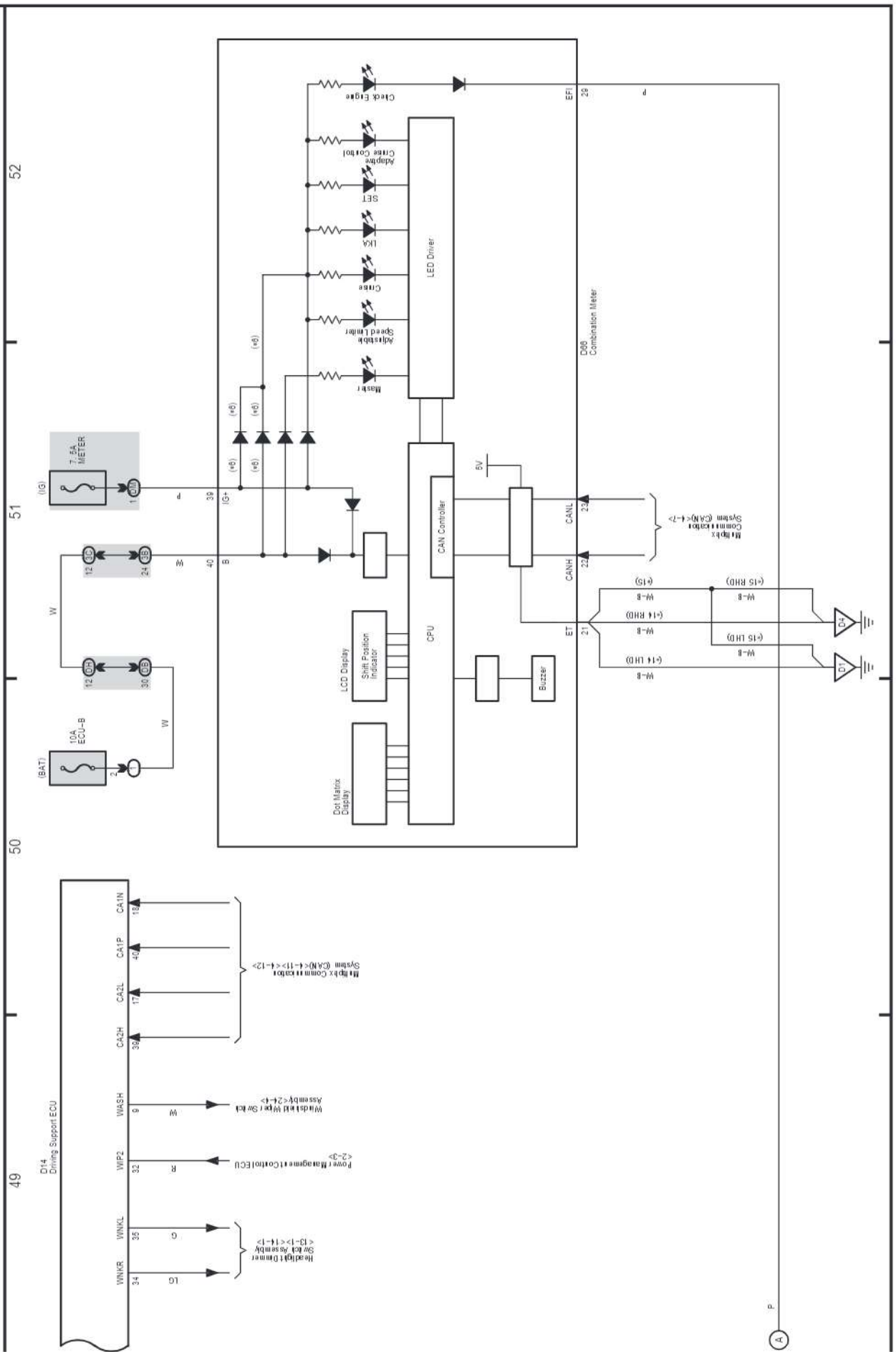


M OVERALL ELECTRICAL WIRING DIAGRAM

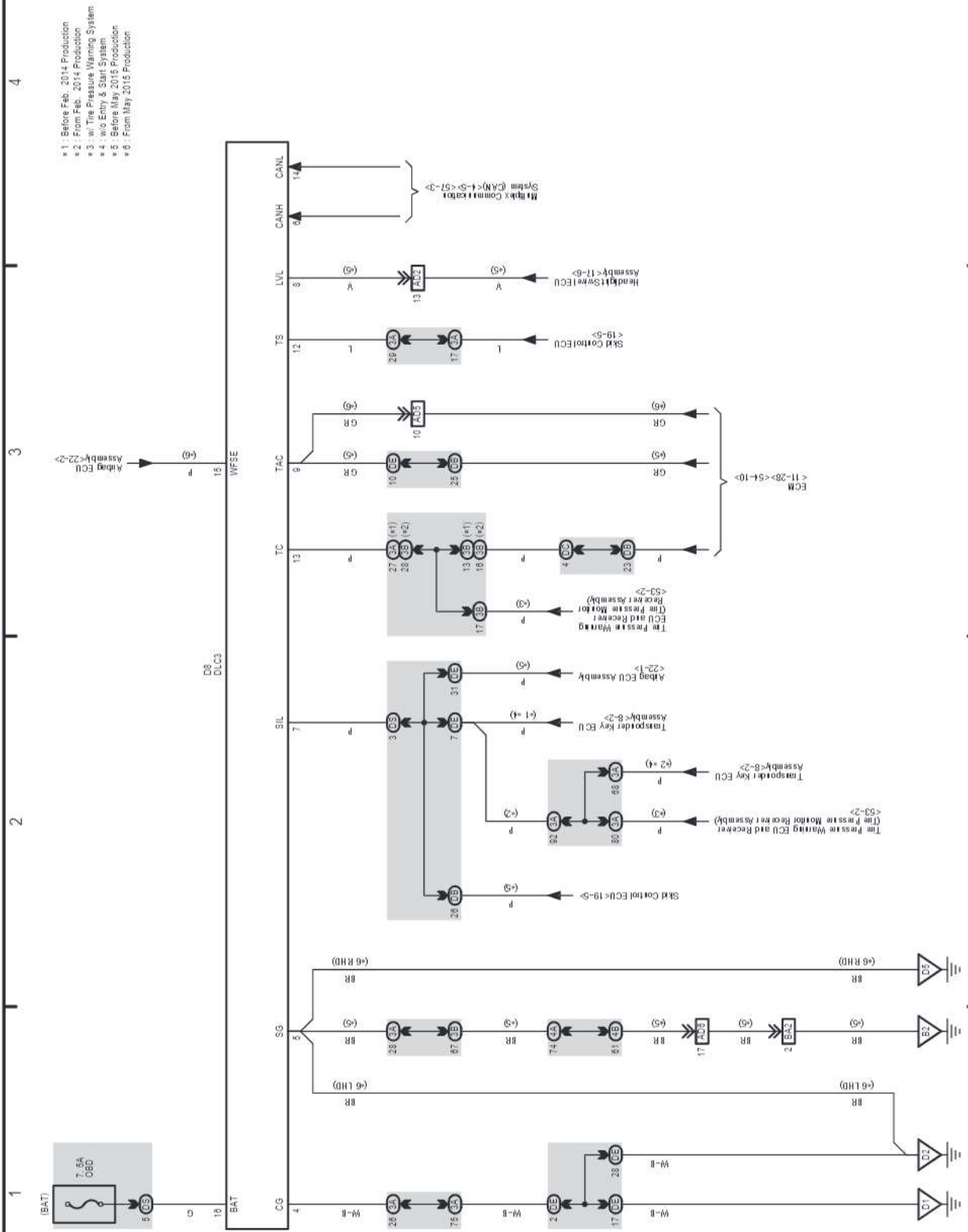
11 AVENSIS (Cont' d)

*8 : Before Jun. 2010 Production
*14 : Before Feb. 2014 Production
*16 : From Feb. 2014 Production

Lane Keeping Assist



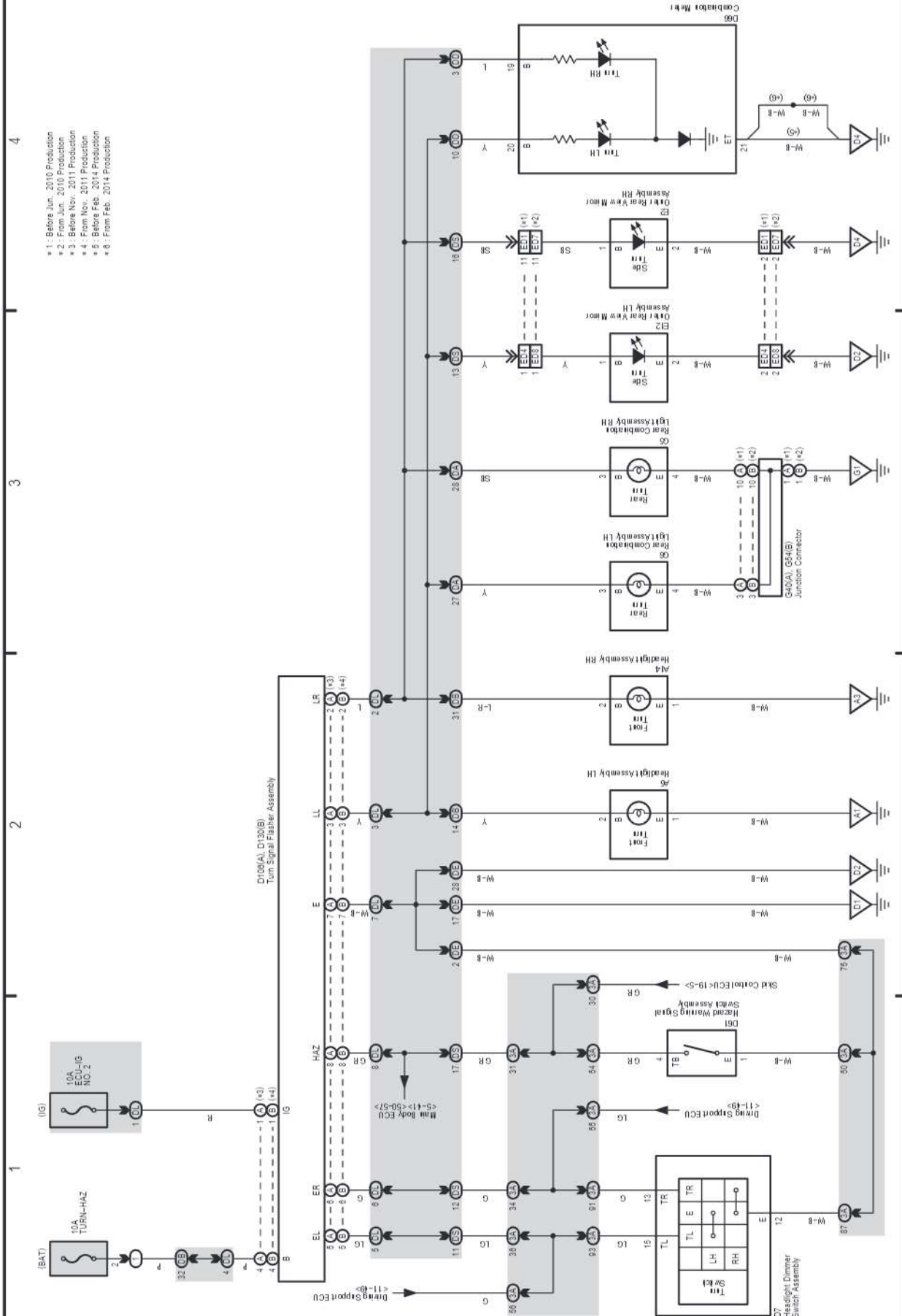
DLC3



13 AVENSIS

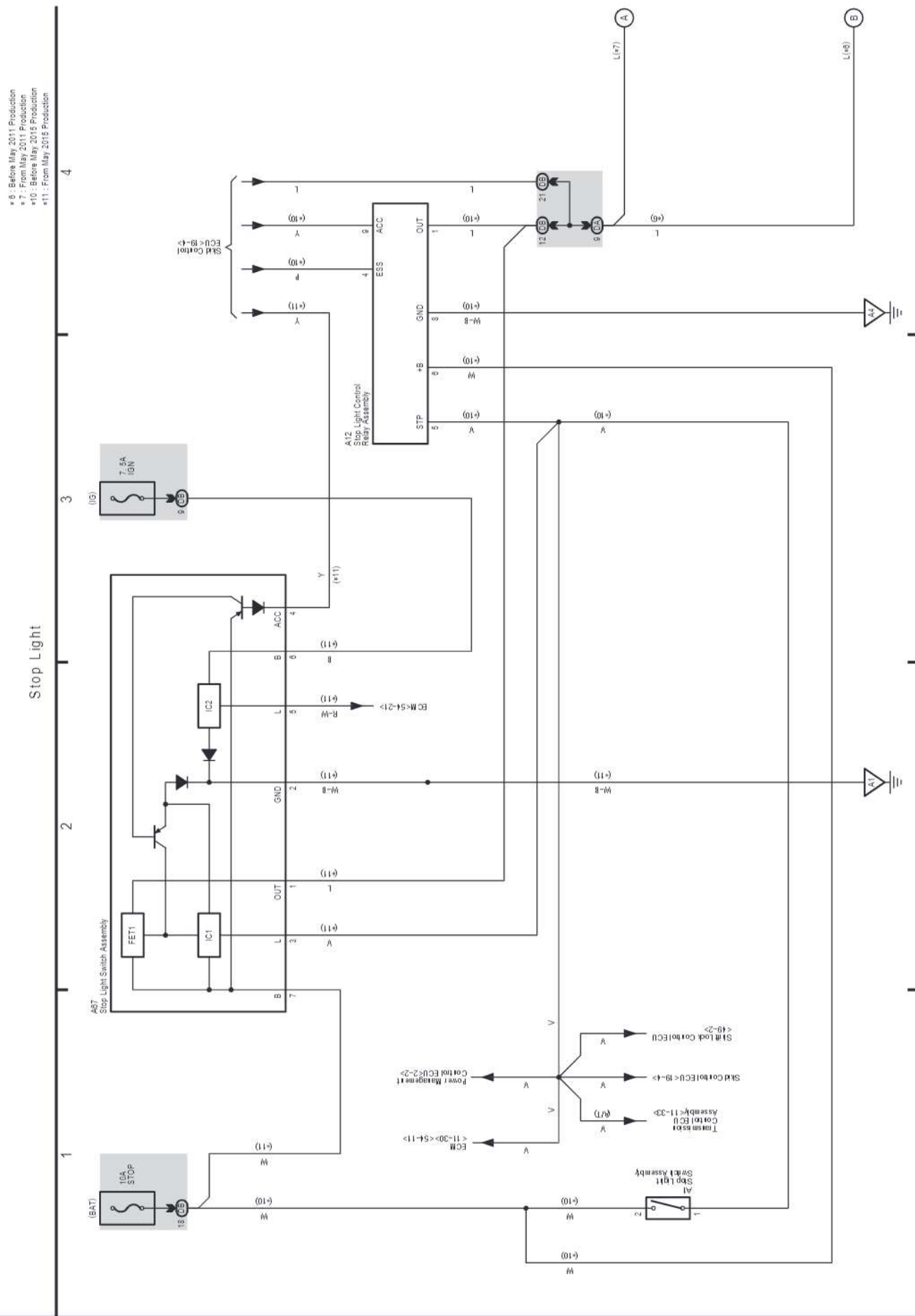


Turn Signal and Hazard Warning Light (RHD) (Before May 2015 Production)

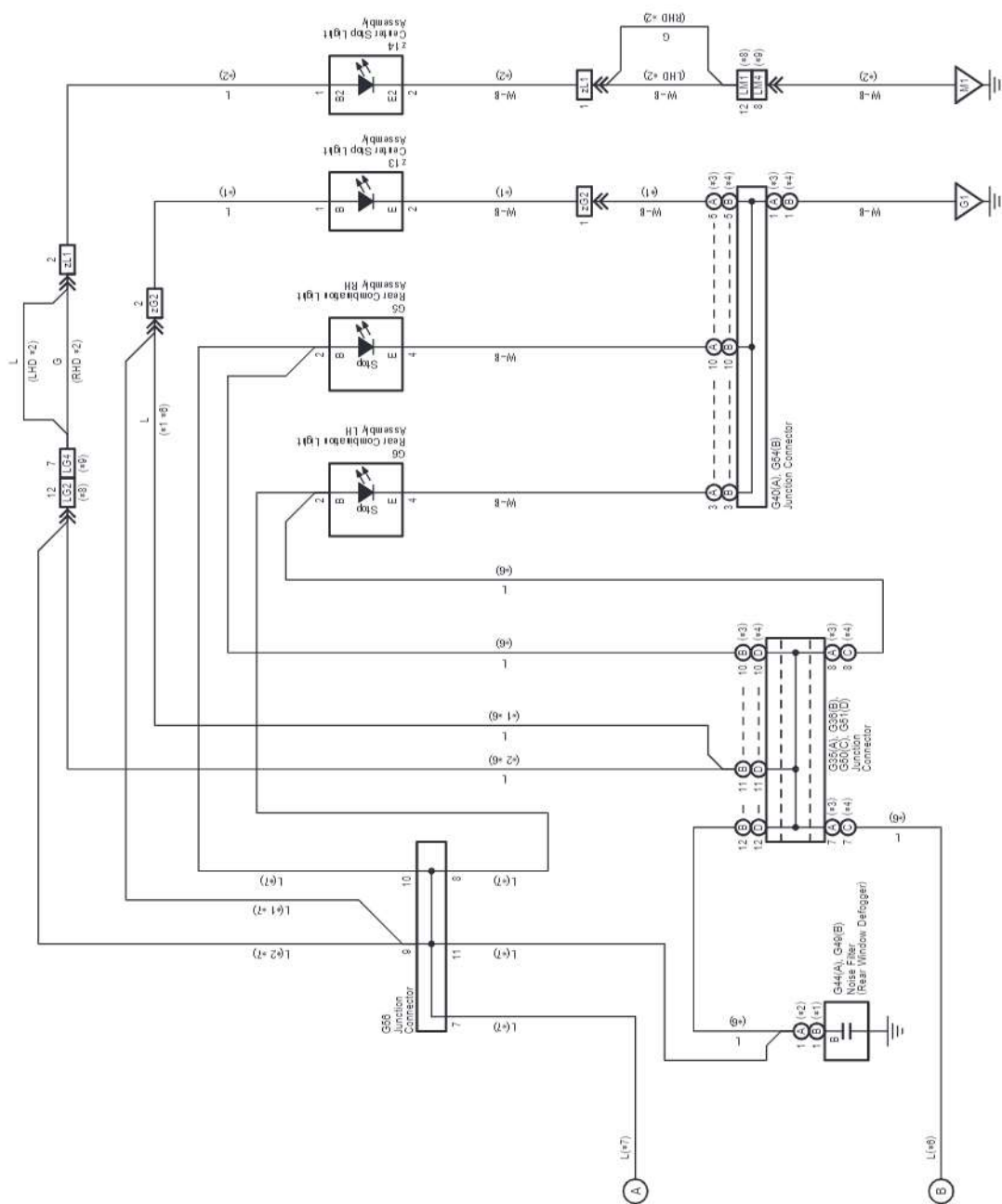


(Cont. next page)

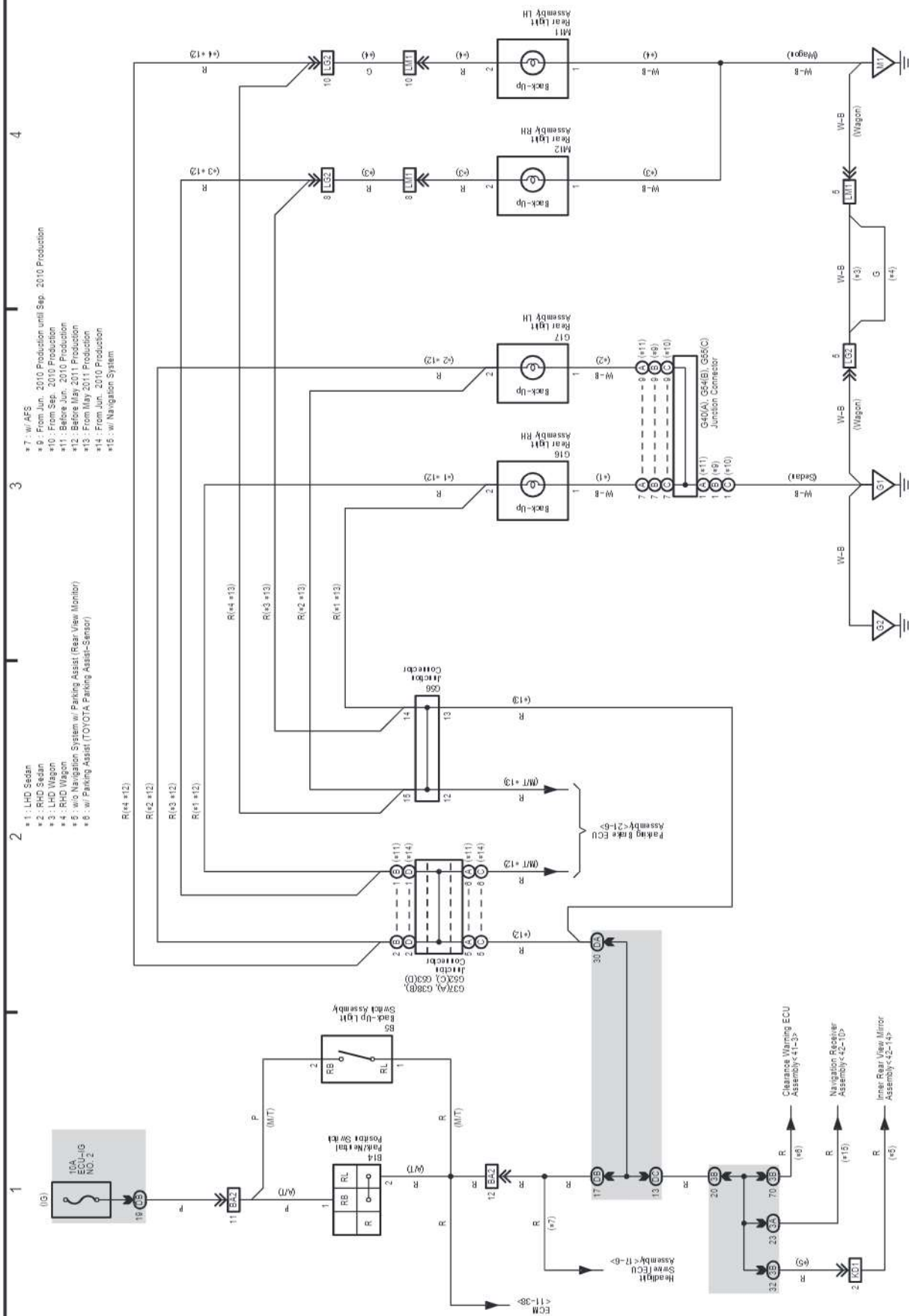
(Cont. next page)



Stop Light



16 AVENSIS



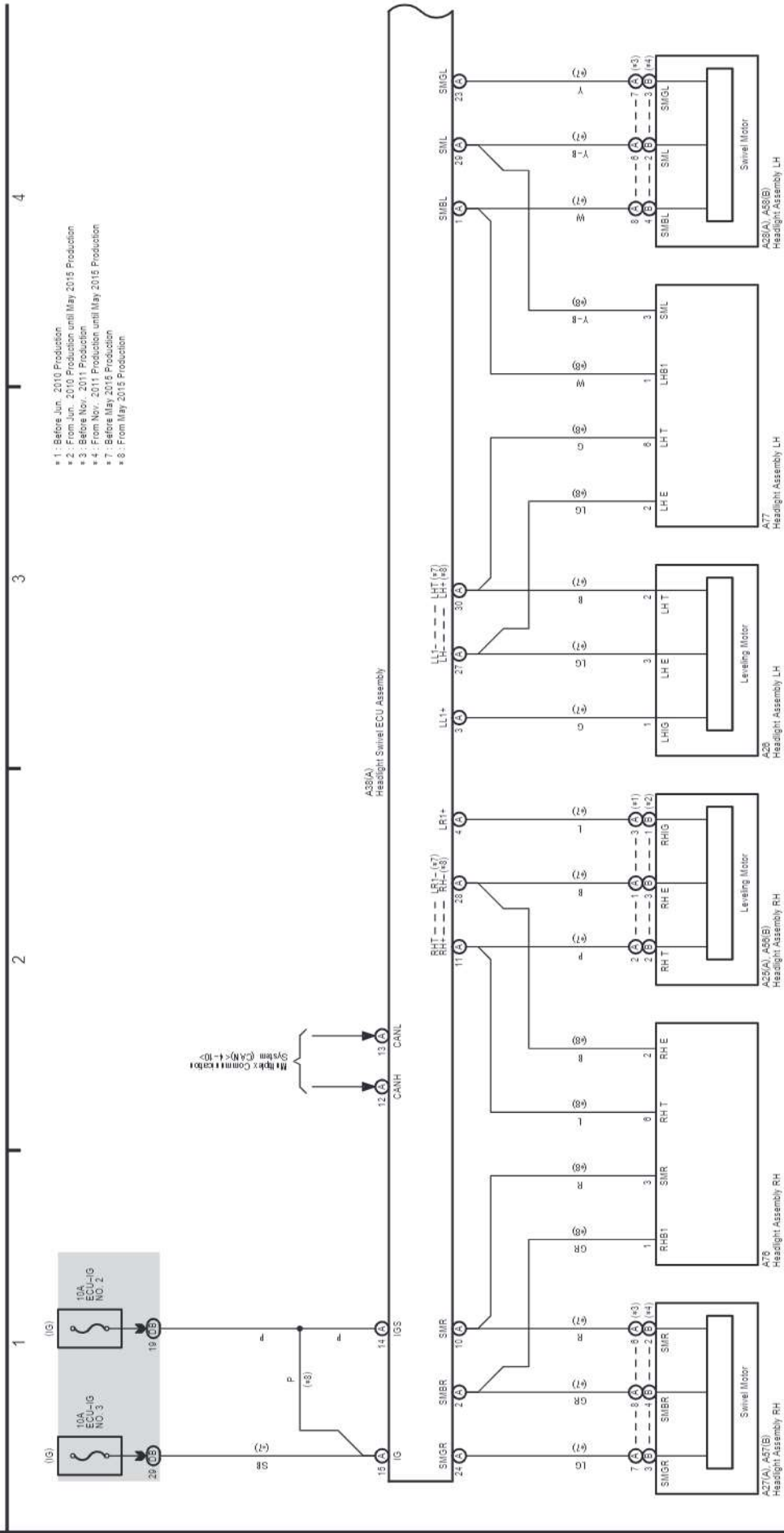
AVENSIS (EM25H4E)

M OVERALL ELECTRICAL WIRING DIAGRAM

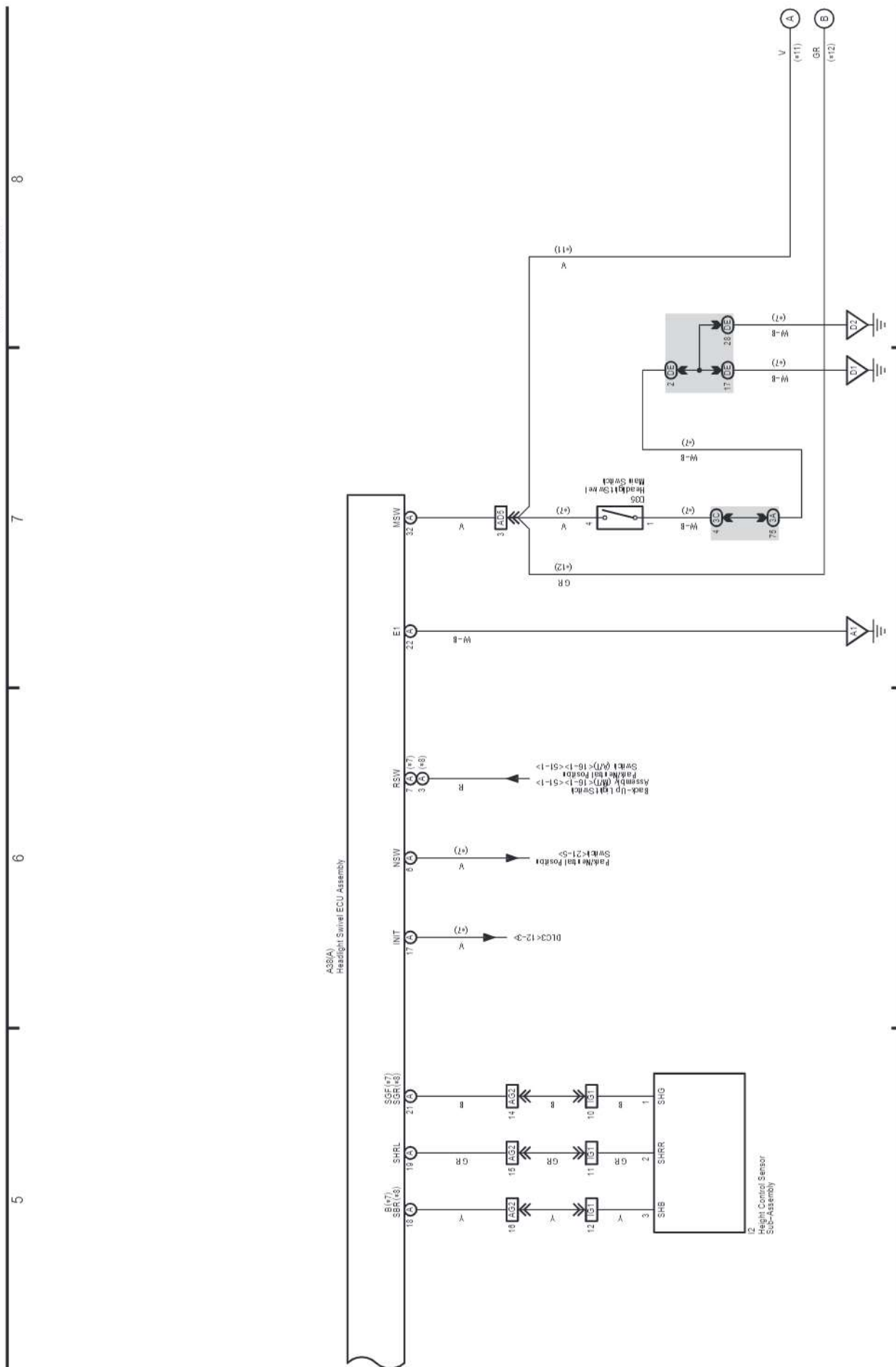
17 AVENSIS

(Cont. next page)

Adaptive Front-Lighting System



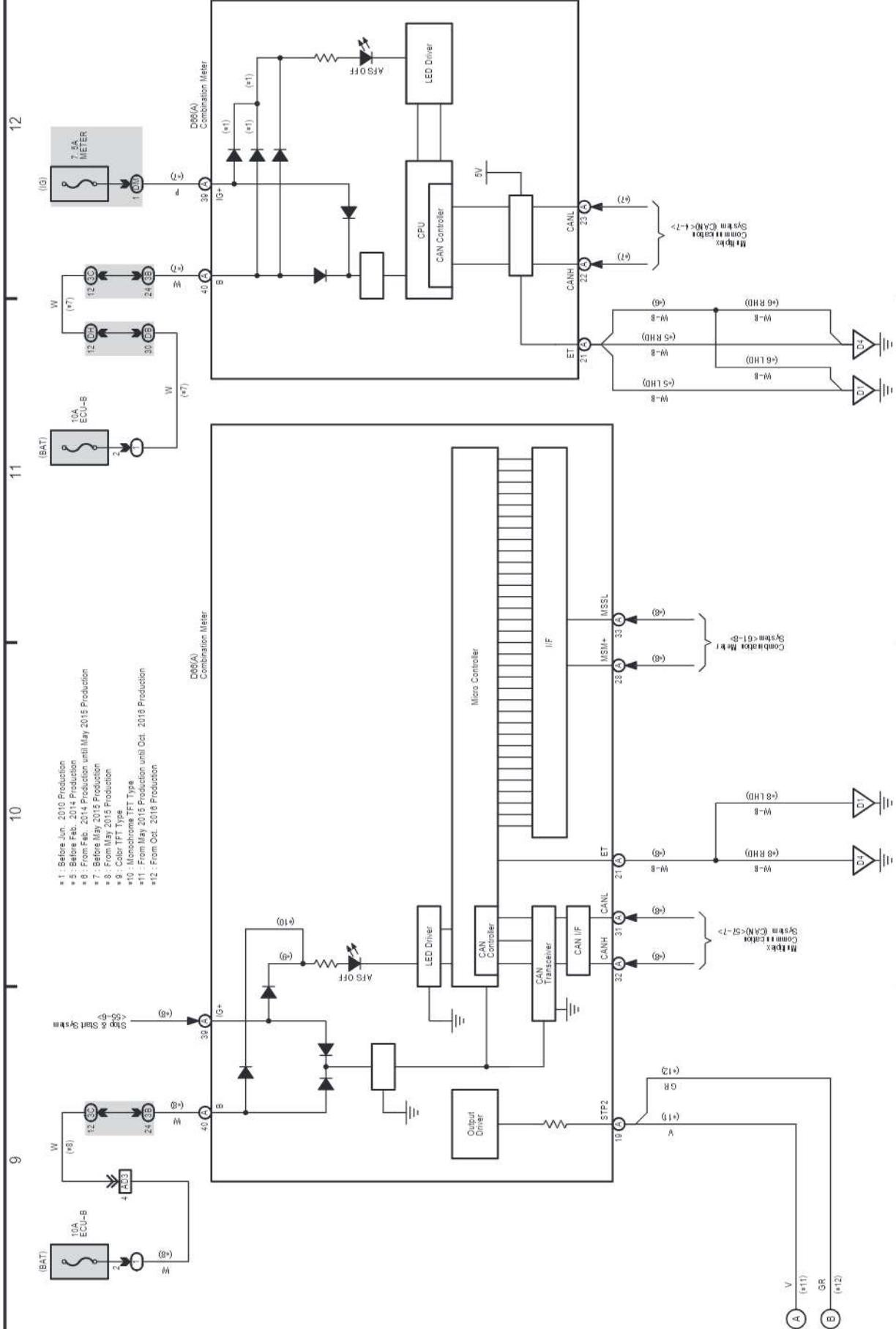
AVENSIS (EM25H4E)



M OVERALL ELECTRICAL WIRING DIAGRAM

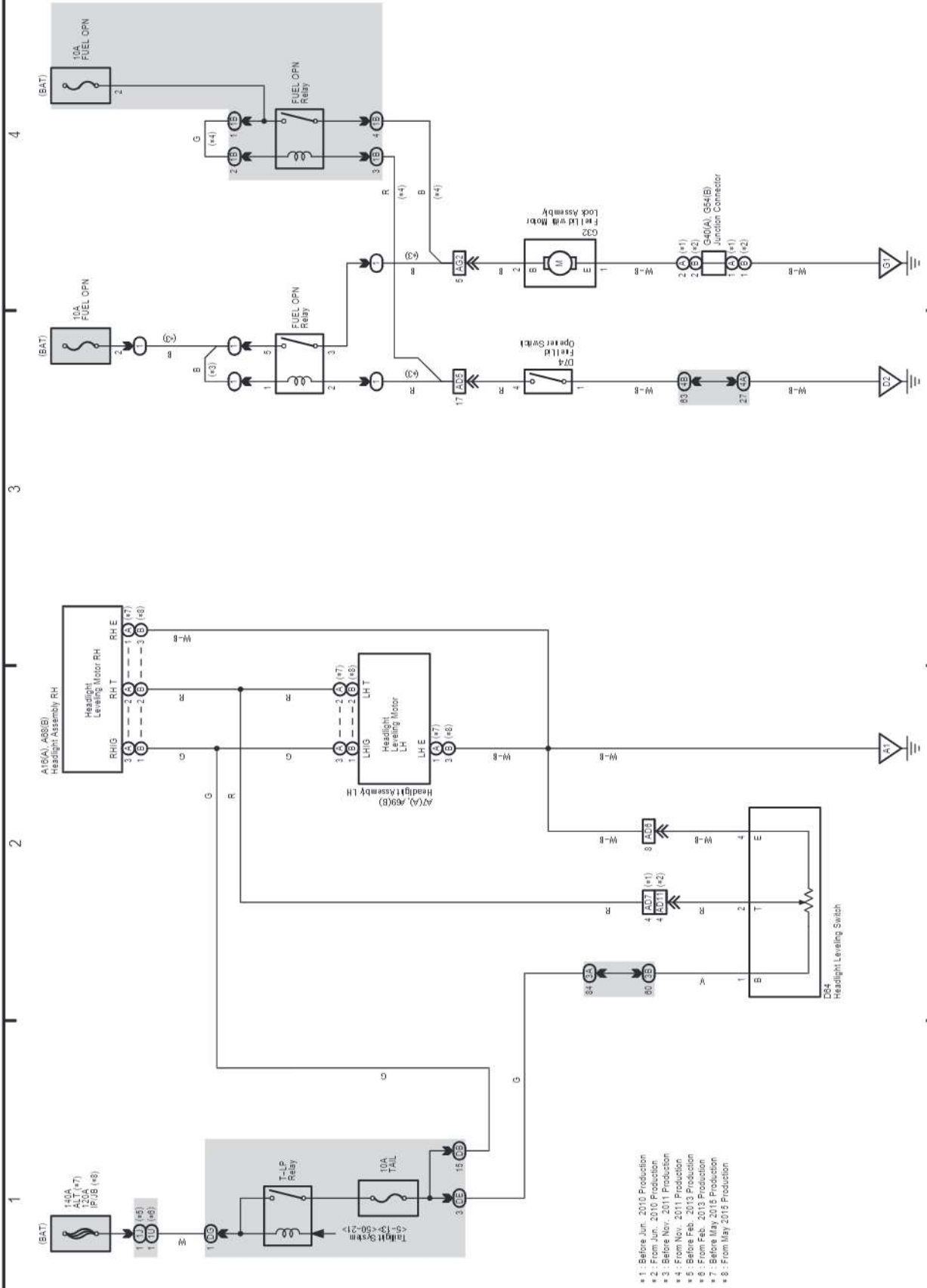
17 AVENSIS (Cont' d)

Adaptive Front-Lighting System



Headlight Beam Level Control (Manual)

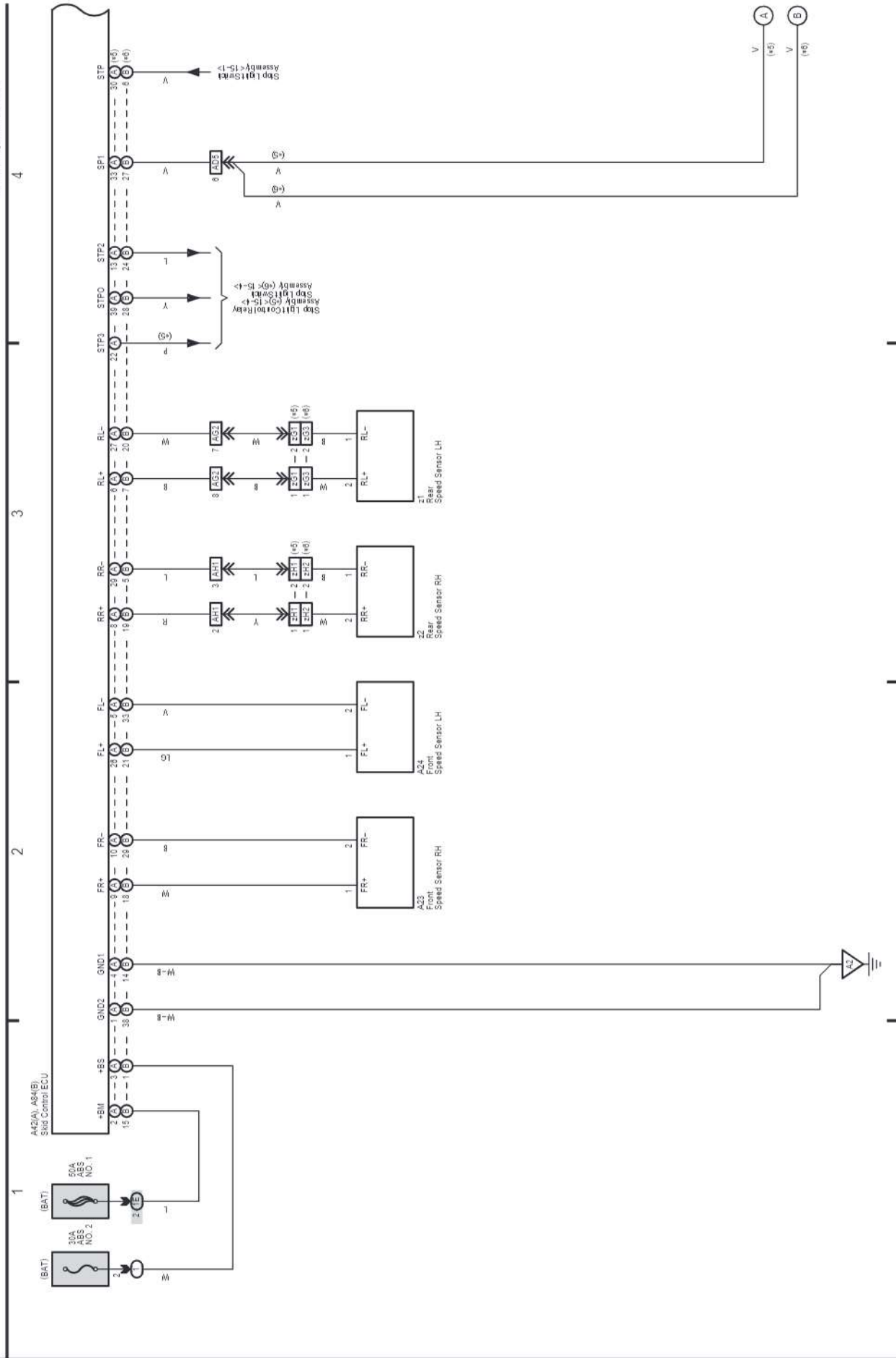
Fuel Lid Opener



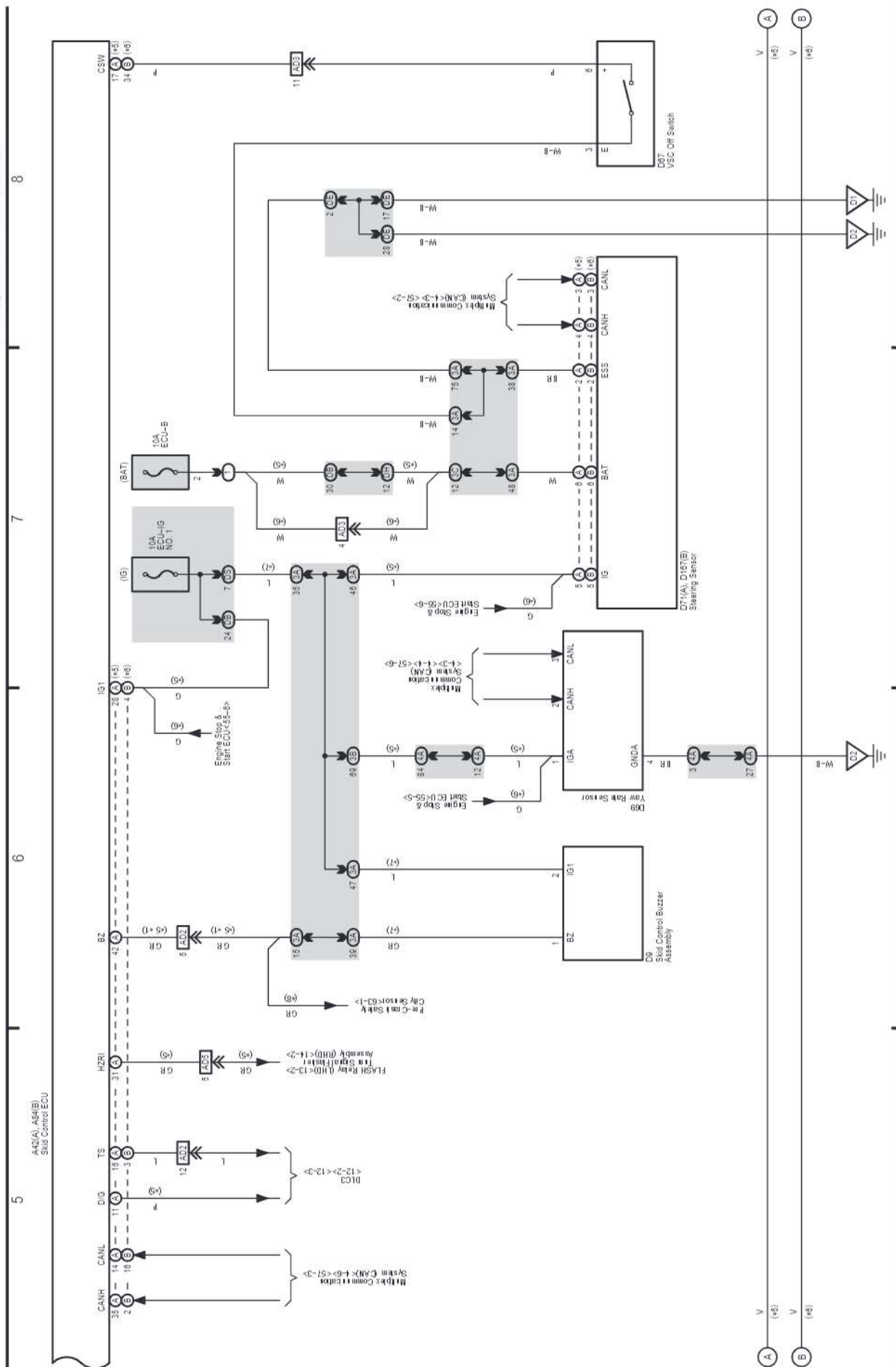
M OVERALL ELECTRICAL WIRING DIAGRAM

ABS, Hill-Start Assist Control, TRC and VSC

* 5 : Before May 2015 Production
* 6 : From May 2015 Production



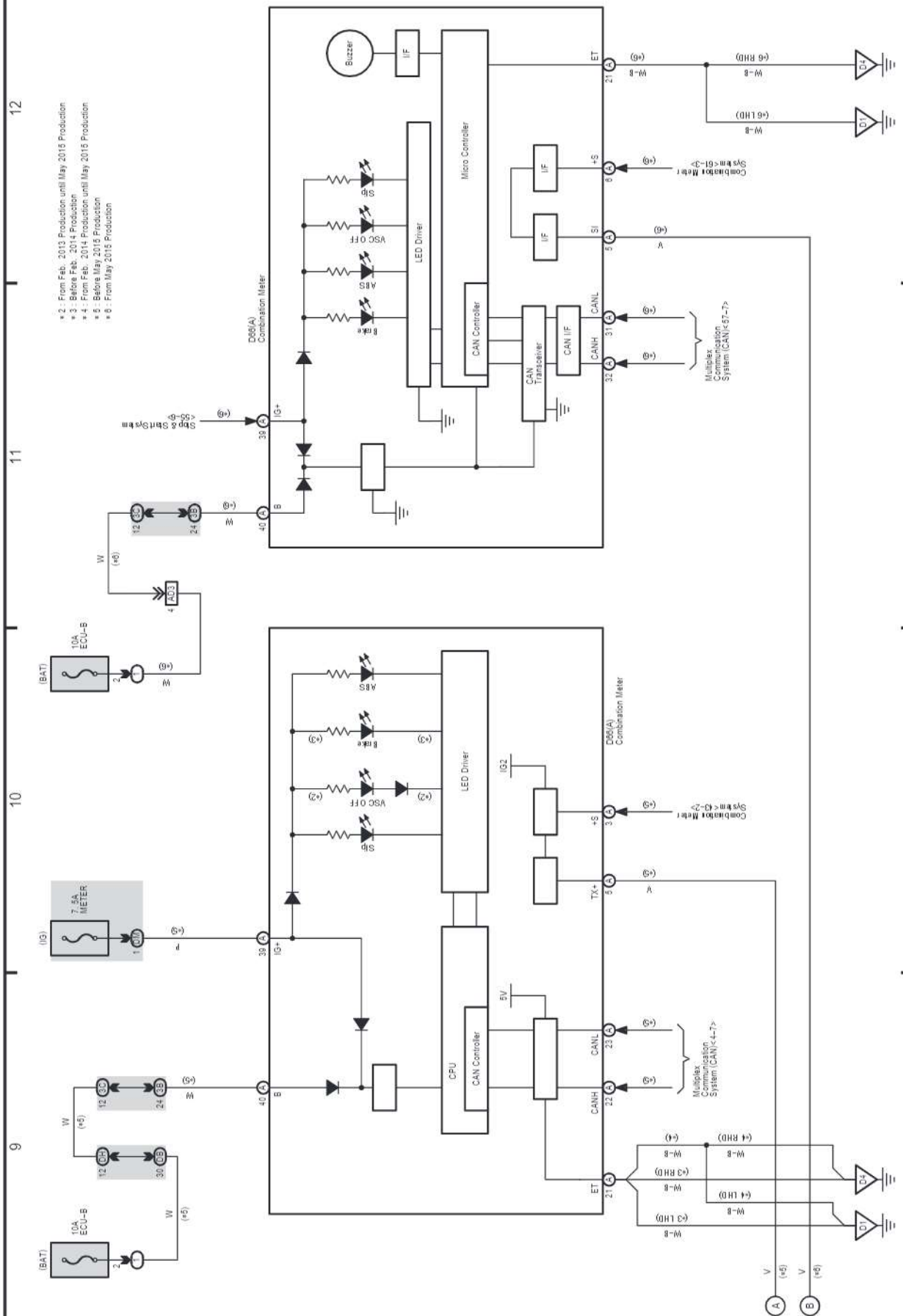
6 : From May 2015 Production
 # 7 : Before Oct. 2016 Production
 # 8 : From May 2015 Production until Oct. 2016 Production



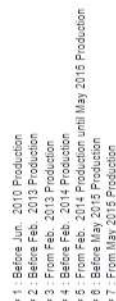
M OVERALL ELECTRICAL WIRING DIAGRAM

19 AVENSIS (Cont' d)

ABS, Hill-Start Assist Control, TRC and VSC



AVENSIS (EM25H4E)

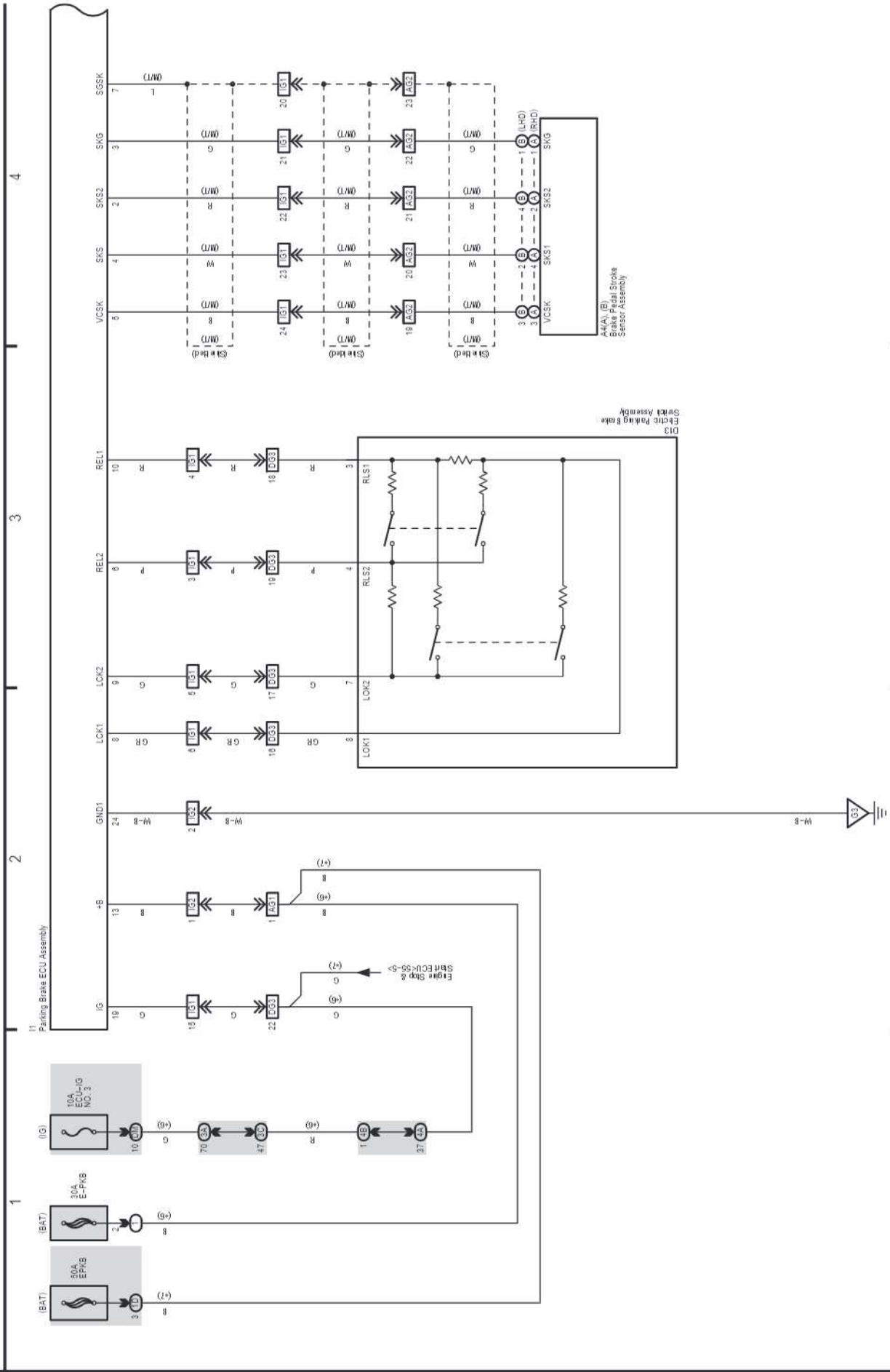


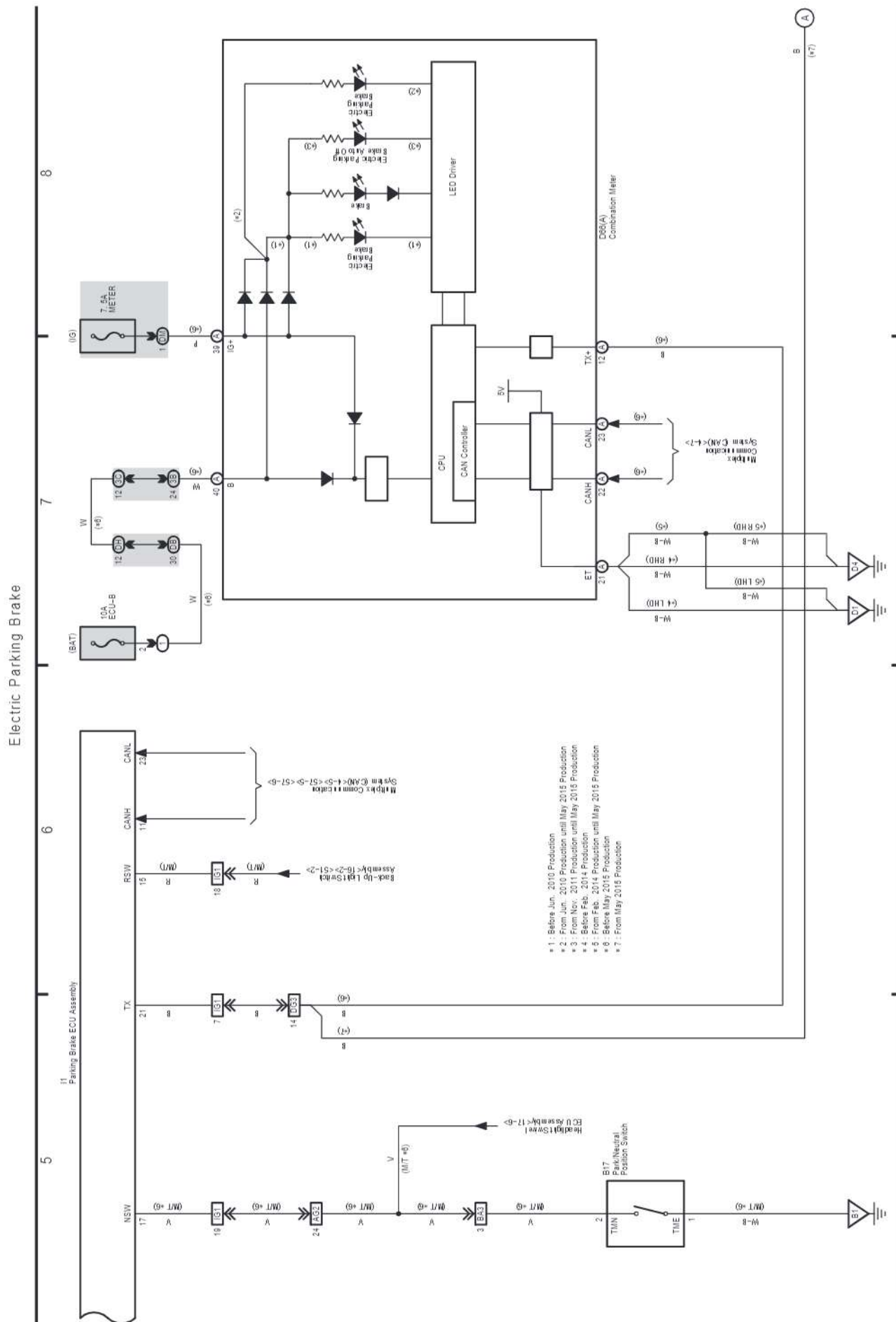


M OVERALL ELECTRICAL WIRING DIAGRAM

* 6 : Before May 2015 Production
* 7 : From May 2015 Production

Electric Parking Brake





M OVERALL ELECTRICAL WIRING DIAGRAM

21 AVENSIS (Cont' d)

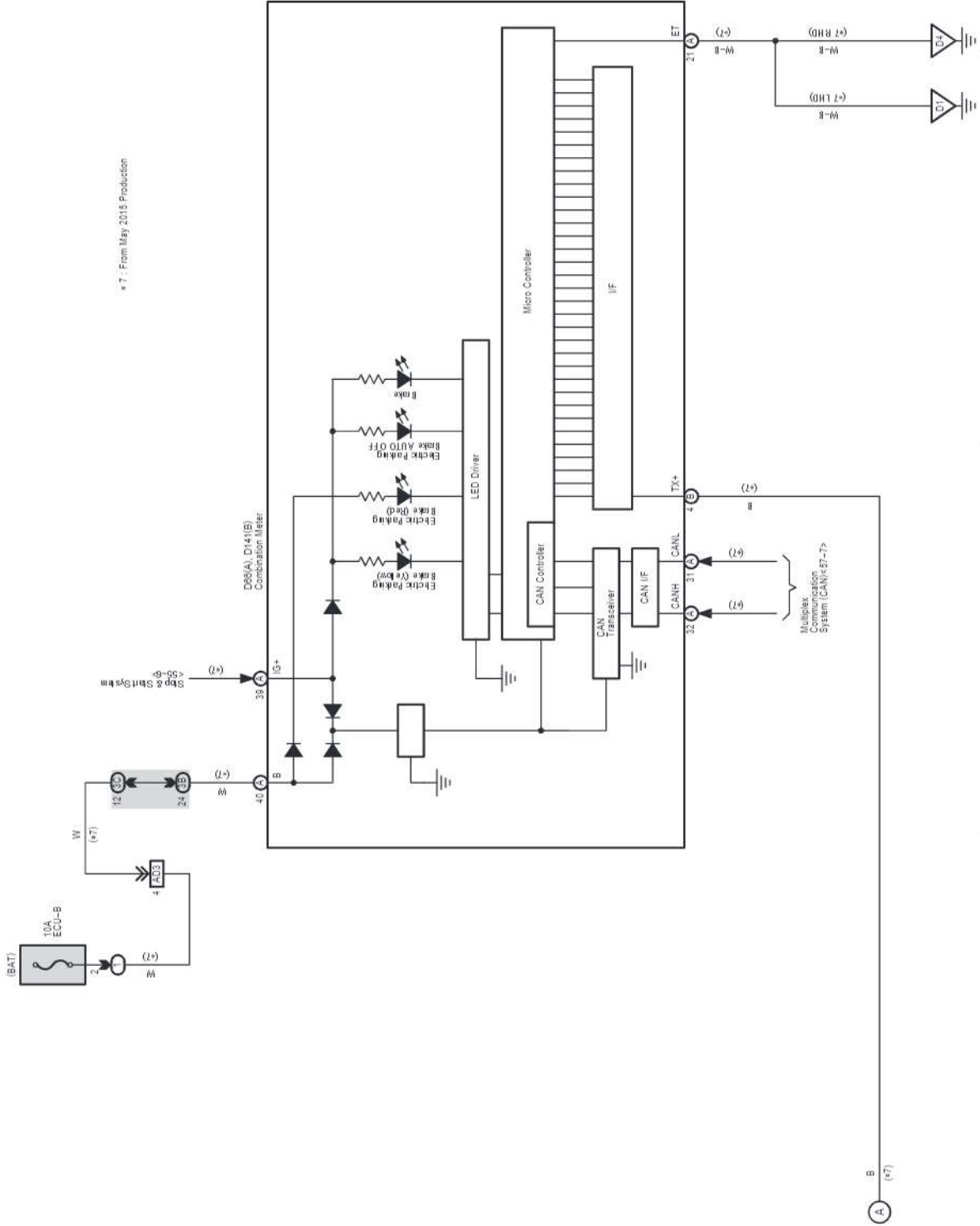
Electric Parking Brake

12

11

10

9



M OVERALL ELECTRICAL WIRING DIAGRAM

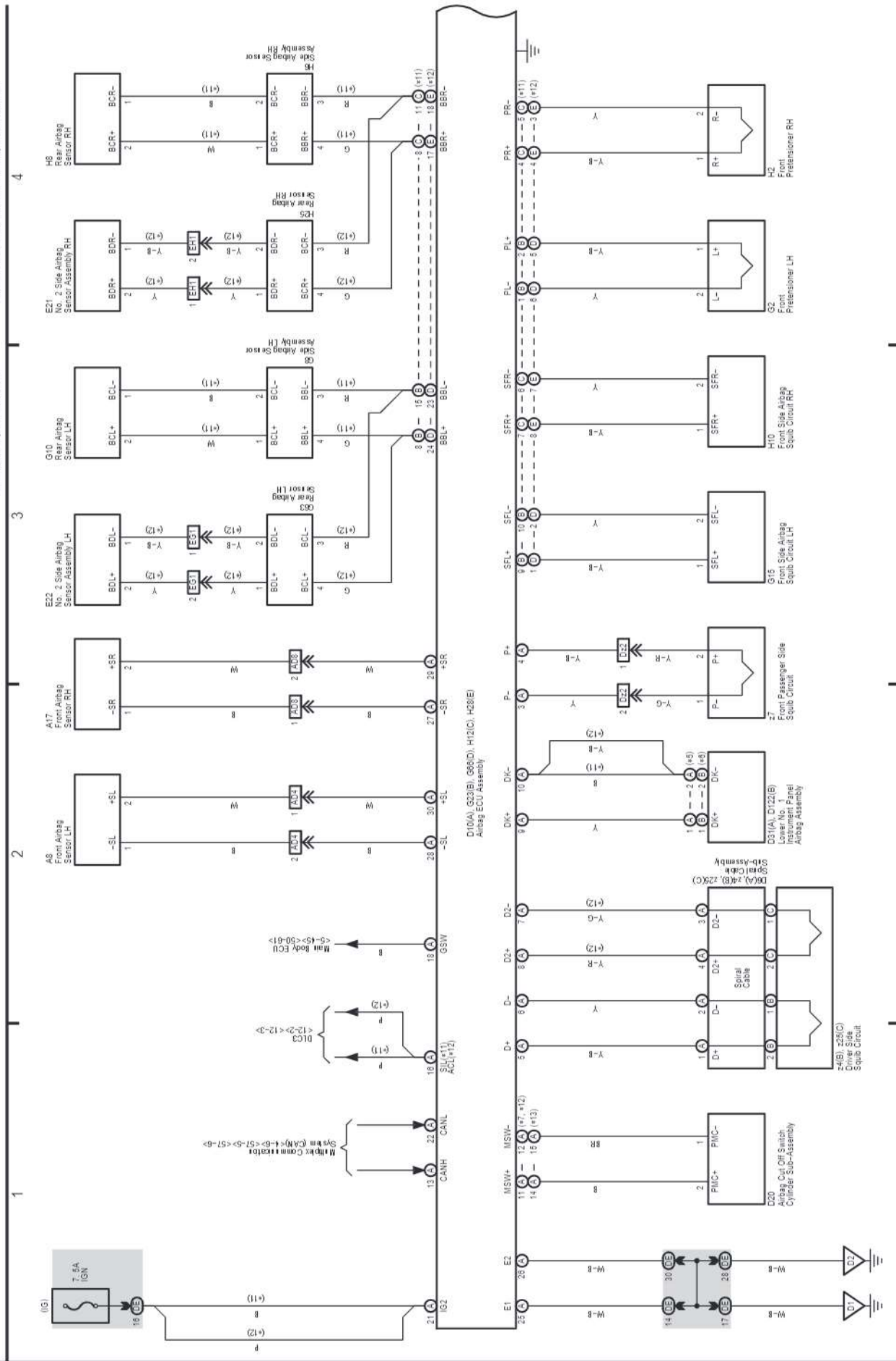
22 AVENSIS

(Cont. next page)

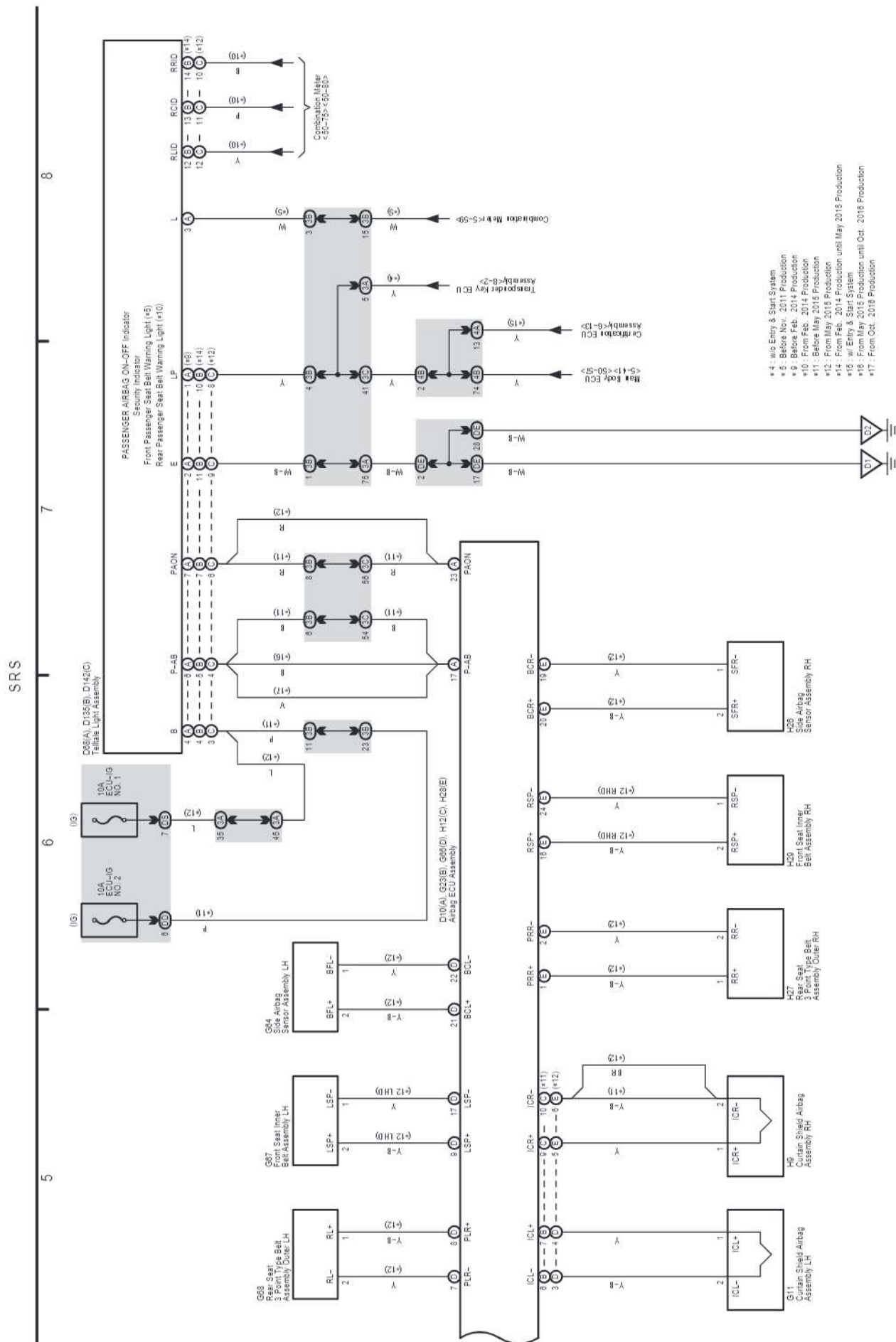
5 : Before Nov. 2011 Production
6 : From Nov. 2011 Production
7 : Before Mar. 2012 Production
11 : Before May 2015 Production

SRS

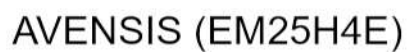
#12 : From May 2015 Production
#13 : From Mar. 2012 Production until May 2015 Production



AVENSIS (EM25H4E)



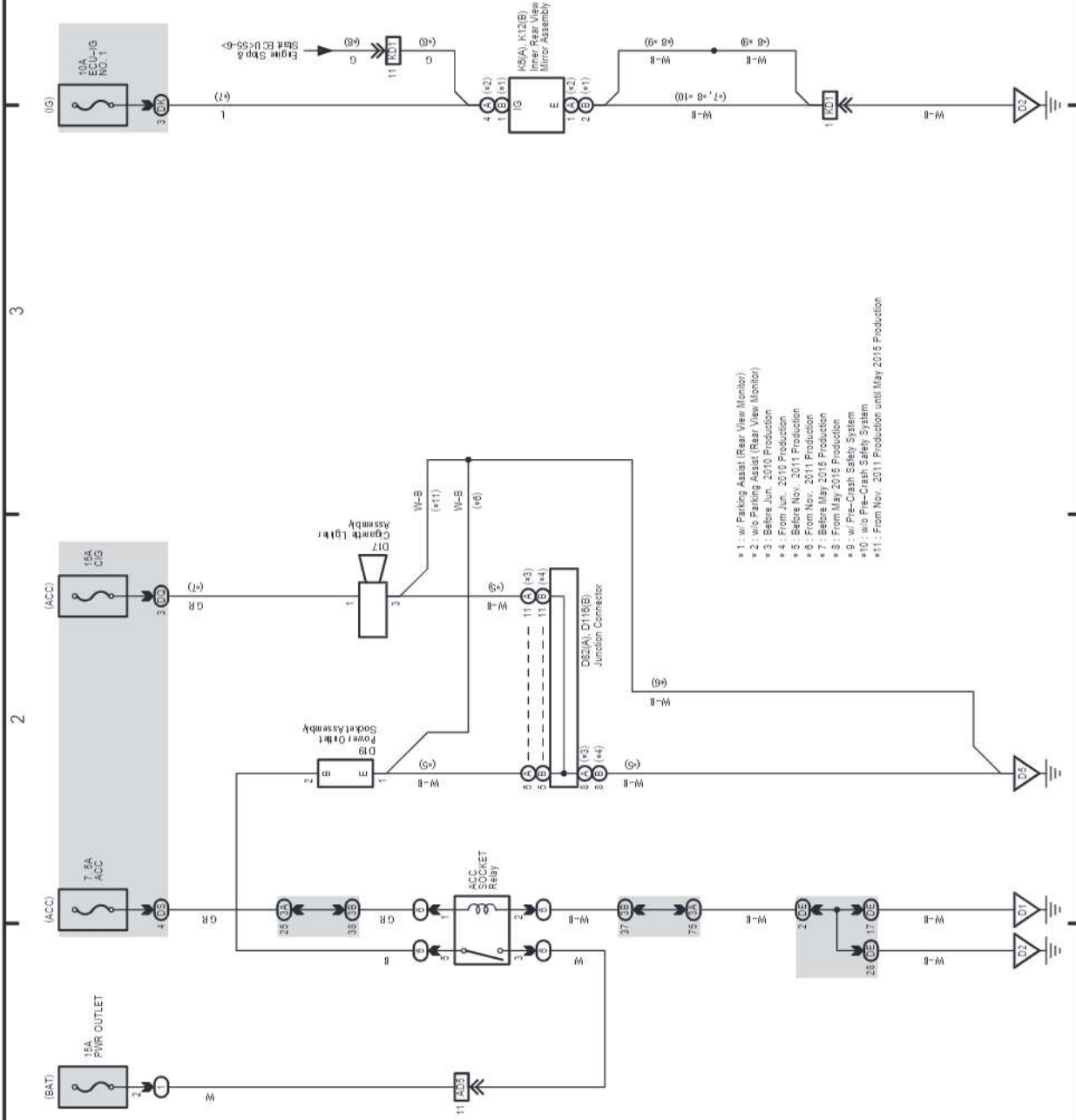
22 AVENSIS (Cont' d)



Power Outlet

Cigarette Lighter

Automatic Glare-Resistant EC Mirror



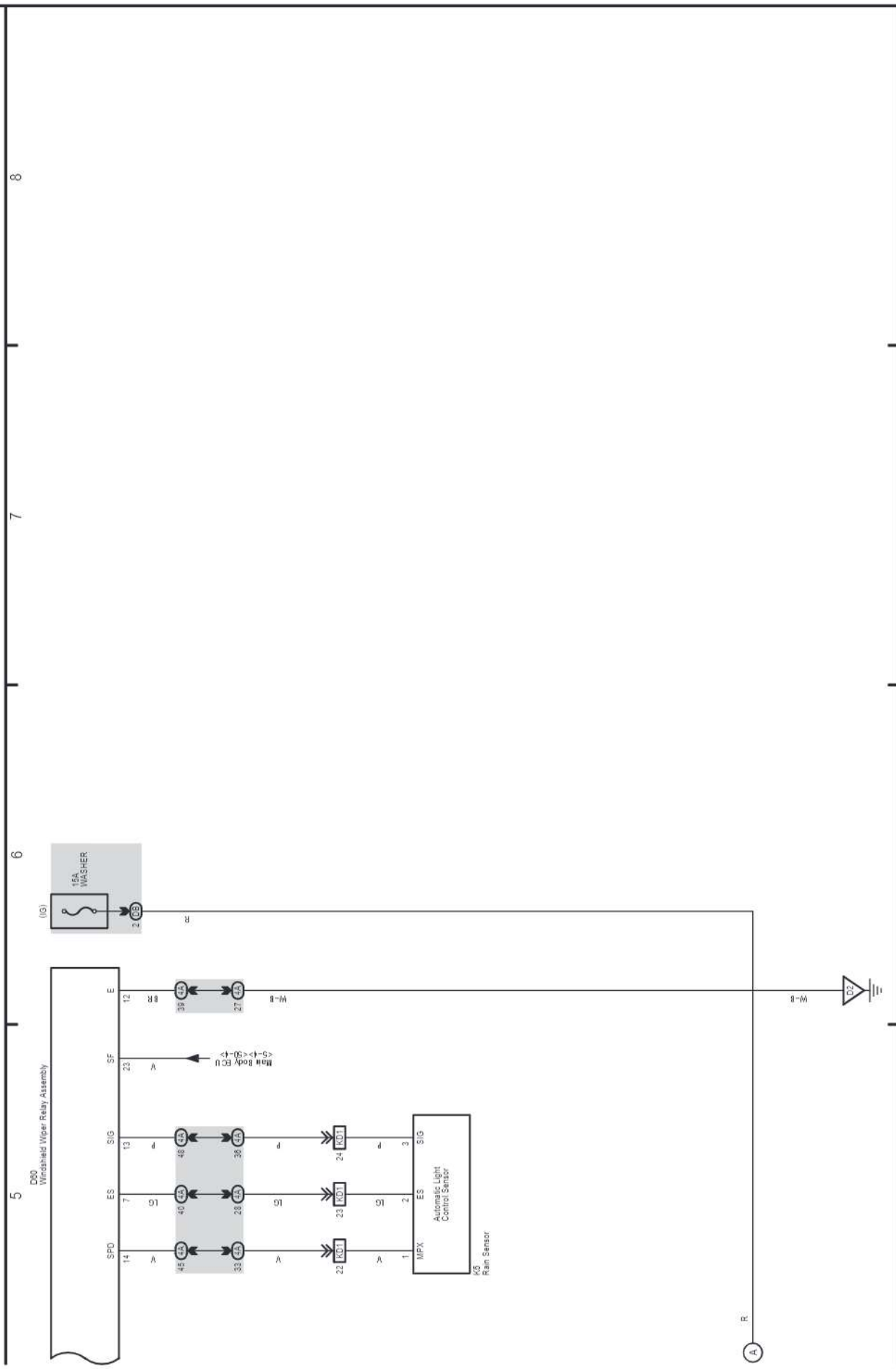
- * 1 : w/ Parking Assist (Rear View Monitor)
- * 2 : w/o Parking Assist (Rear View Monitor)
- * 3 : Before Jun. 2010 Production
- * 4 : From Jun. 2010 Production
- * 5 : Before Nov. 2011 Production
- * 6 : From Nov. 2011 Production
- * 7 : Before May 2012 Production
- * 8 : From May 2012 Production
- * 9 : w/ Pre-Crash Safety System
- * 10 : w/o Pre-Crash Safety System
- * 11 : From Nov. 2011 Production until May 2013 Production

M OVERALL ELECTRICAL WIRING DIAGRAM



AVENSIS (EM25H4E)

Front Wiper and Washer (w/ Auto Wiper System)

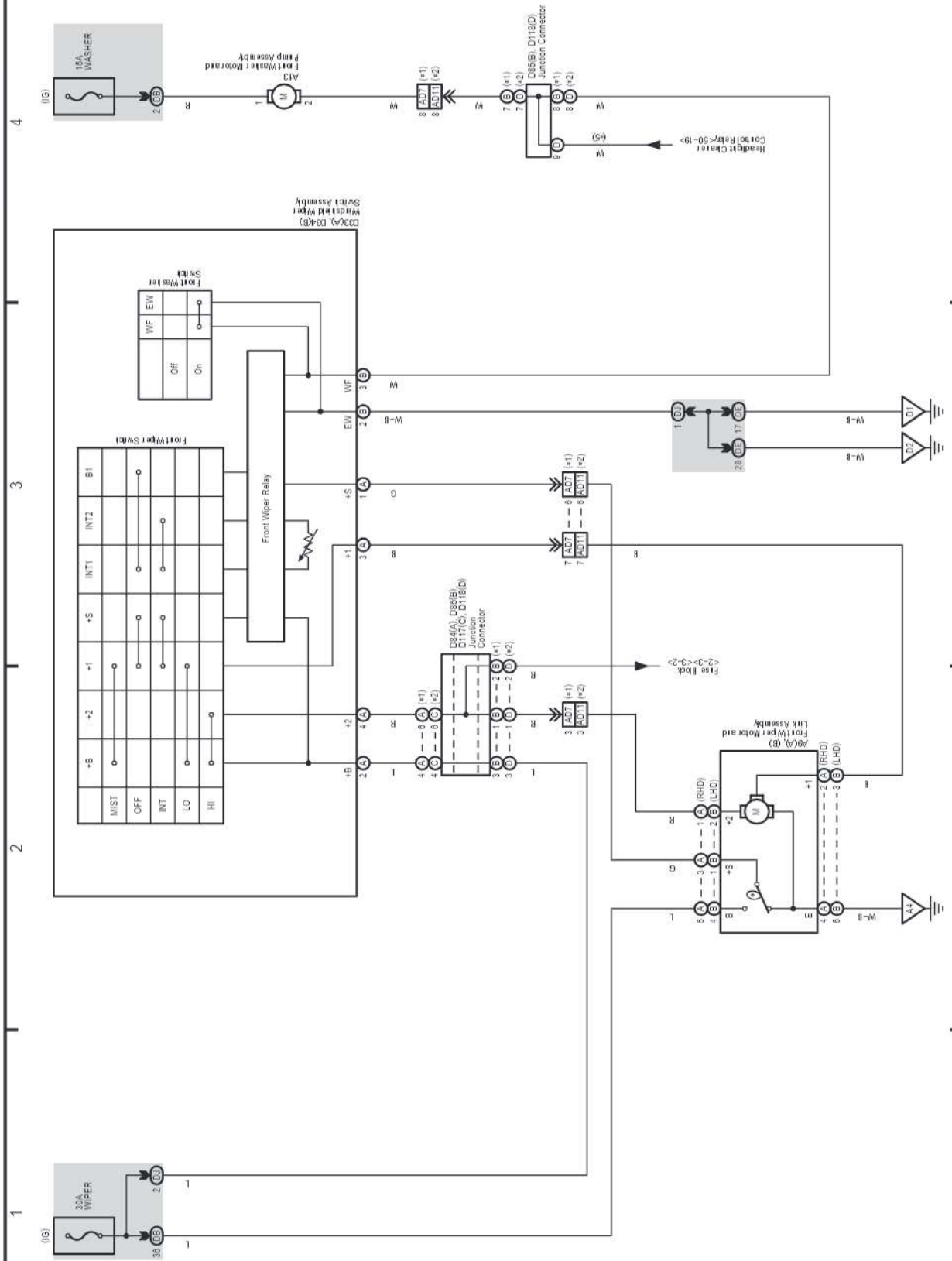


M OVERALL ELECTRICAL WIRING DIAGRAM

25 AVENSIS

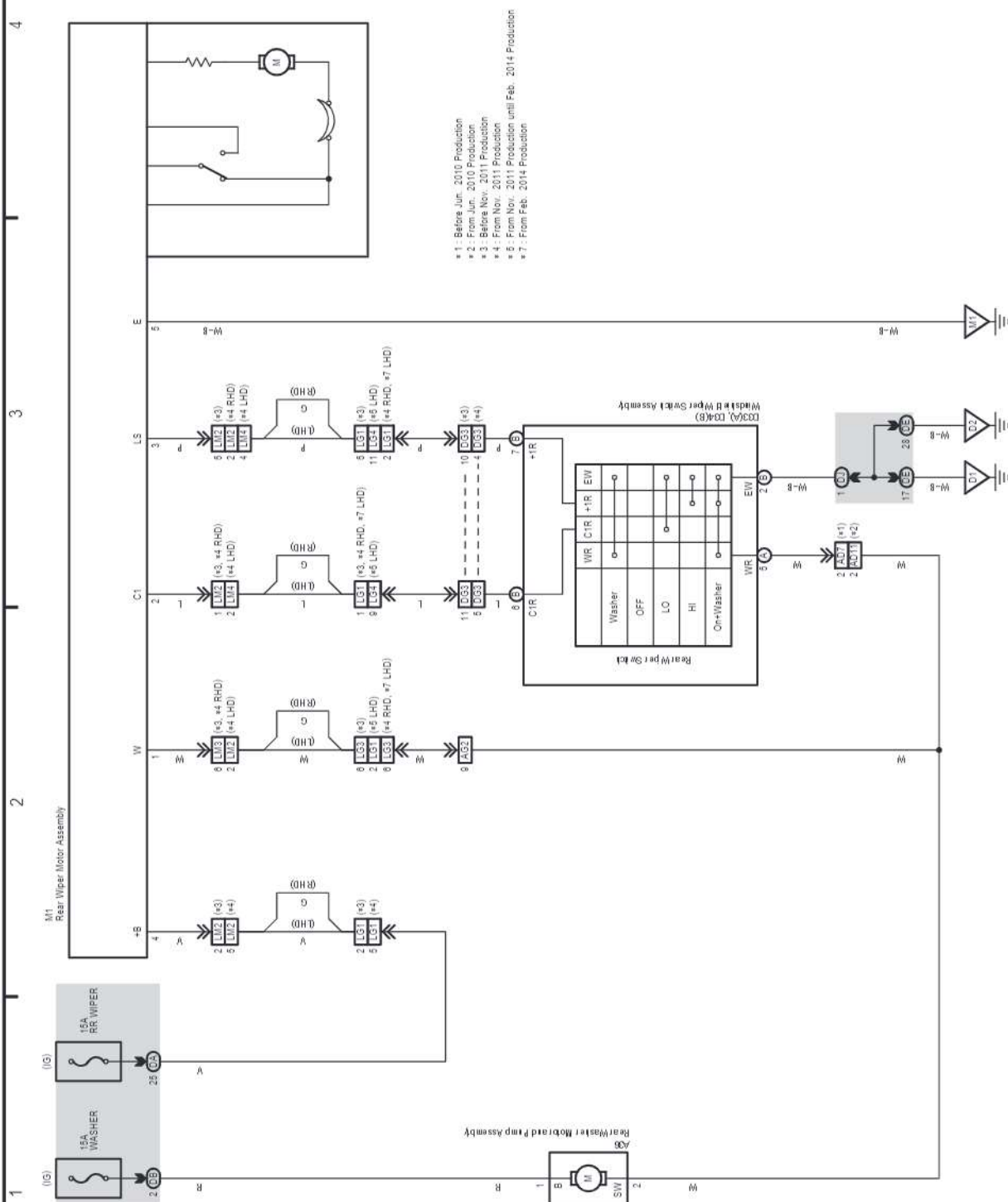
* 1 : Before Jun. 2010 Production
* 2 : From Jun. 2010 Production
* 3 : From Nov. 2011 Production

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



AVENSIS (EM25H4E)

Rear Wiper and Washer



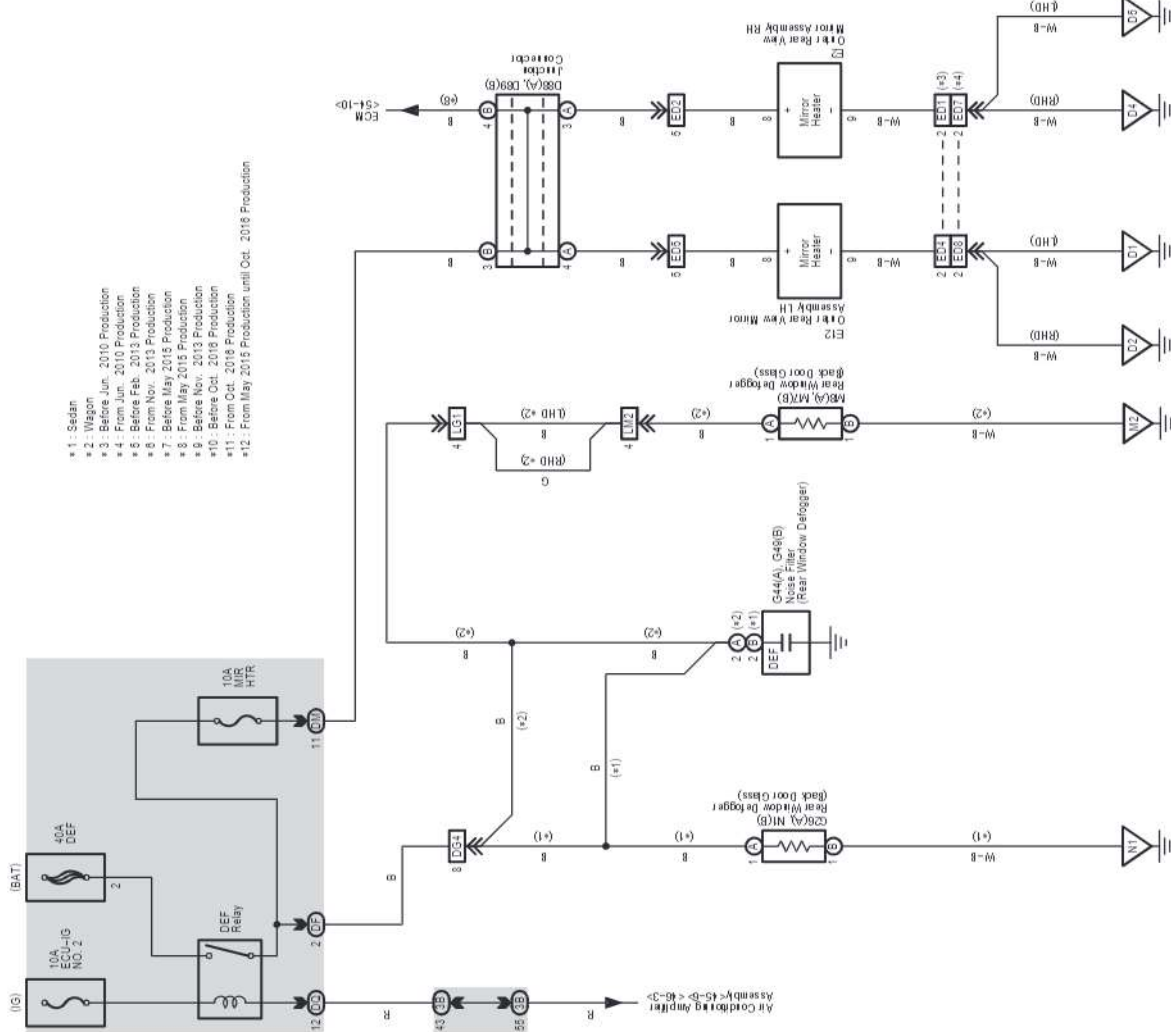
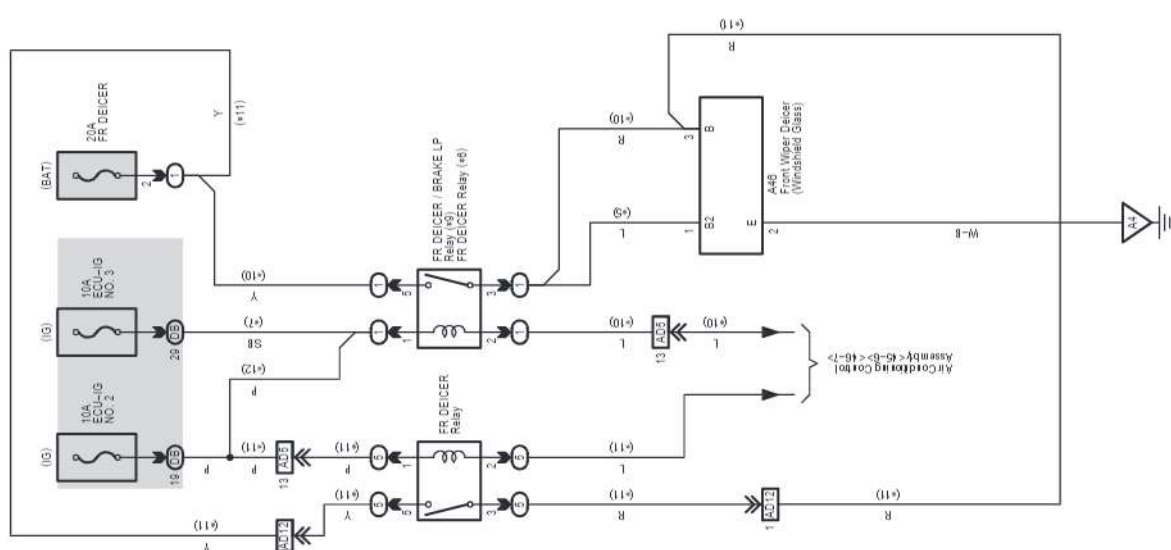
* 1 : Before Jun. 2010 Production
* 2 : From Jun. 2010 Production
* 3 : Before Nov. 2011 Production
* 4 : From Nov. 2011 Production
* 5 : From Nov. 2011 Production until Feb. 2014 Production
* 7 : From Feb. 2014 Production

M OVERALL ELECTRICAL WIRING DIAGRAM

27 AVENSIS

Front Window Deicer

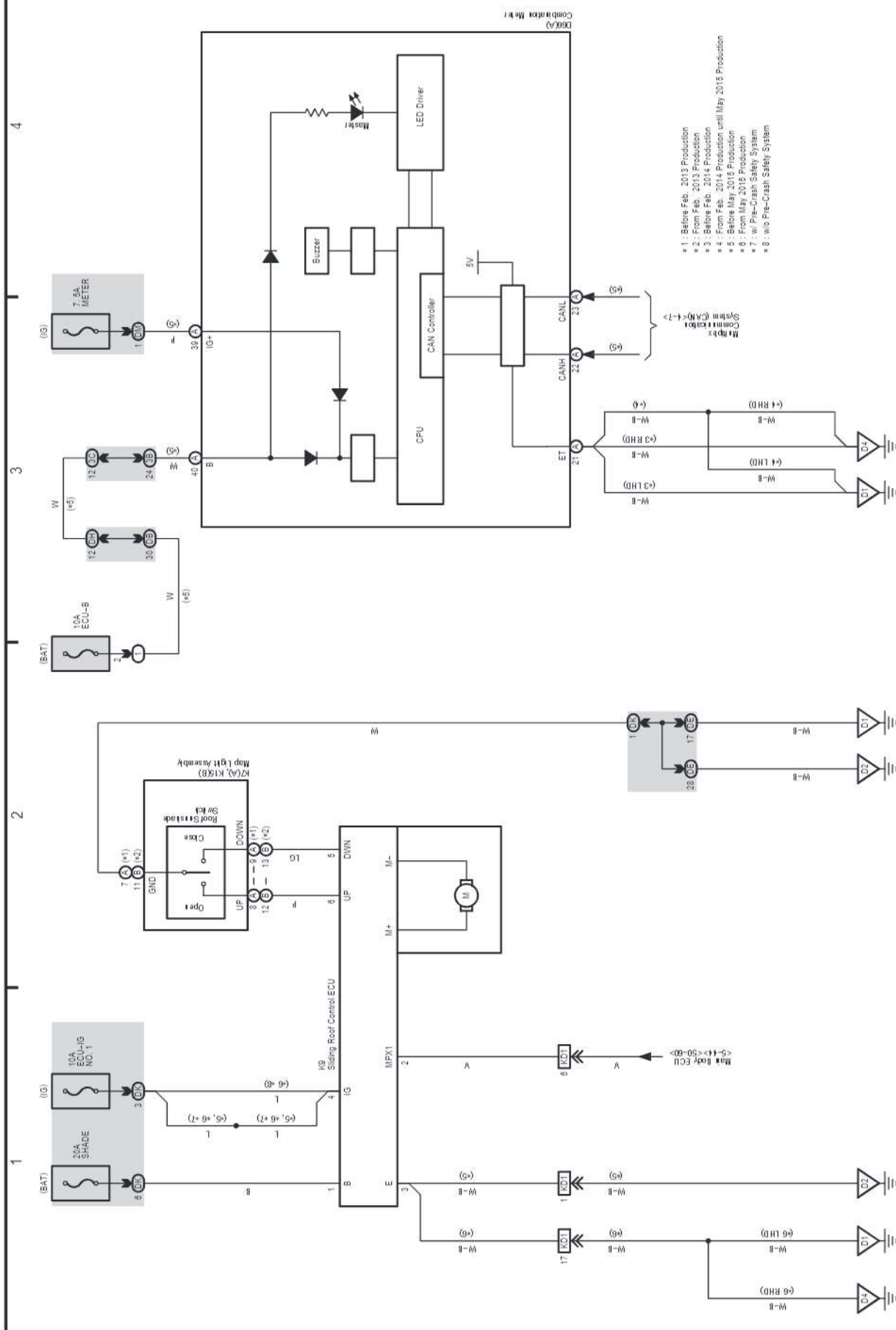
Rear Window Defogger and Mirror Heater



- * 1: Sedan
- * 2: Wagon
- * 3: Before Jun. 2010 Production
- * 4: From Jun. 2010 Production
- * 5: Before Feb. 2013 Production
- * 6: From Feb. 2013 Production
- * 7: Before May 2013 Production
- * 8: From May 2013 Production
- * 9: Before Nov. 2013 Production
- * 10: From Nov. 2013 Production
- * 11: From Oct. 2016 Production
- * 12: From May 2019 Production until Oct. 2018 Production

AVENSIS (EM25H4E)

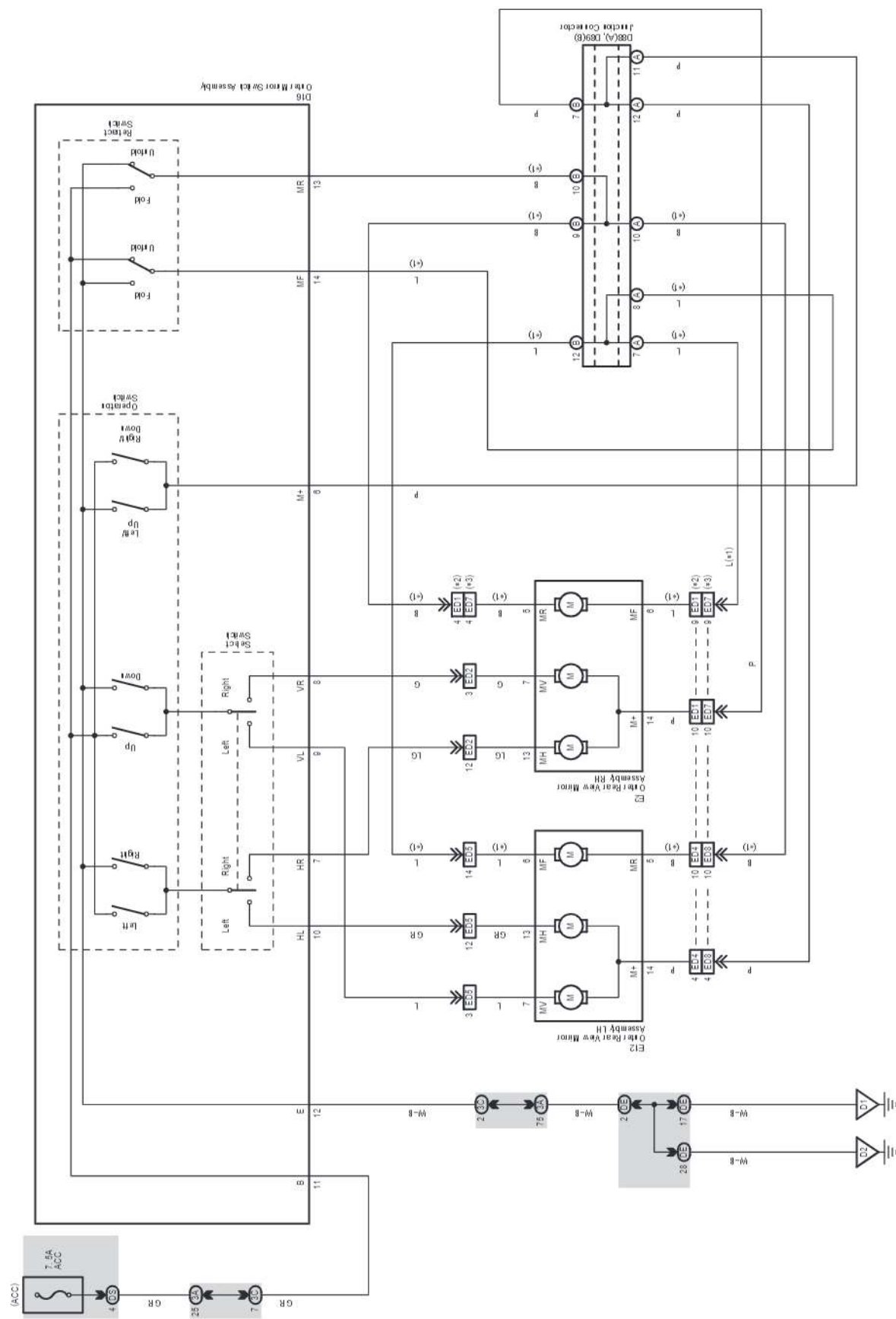
Roof Sunshade System



29 AVENSIS

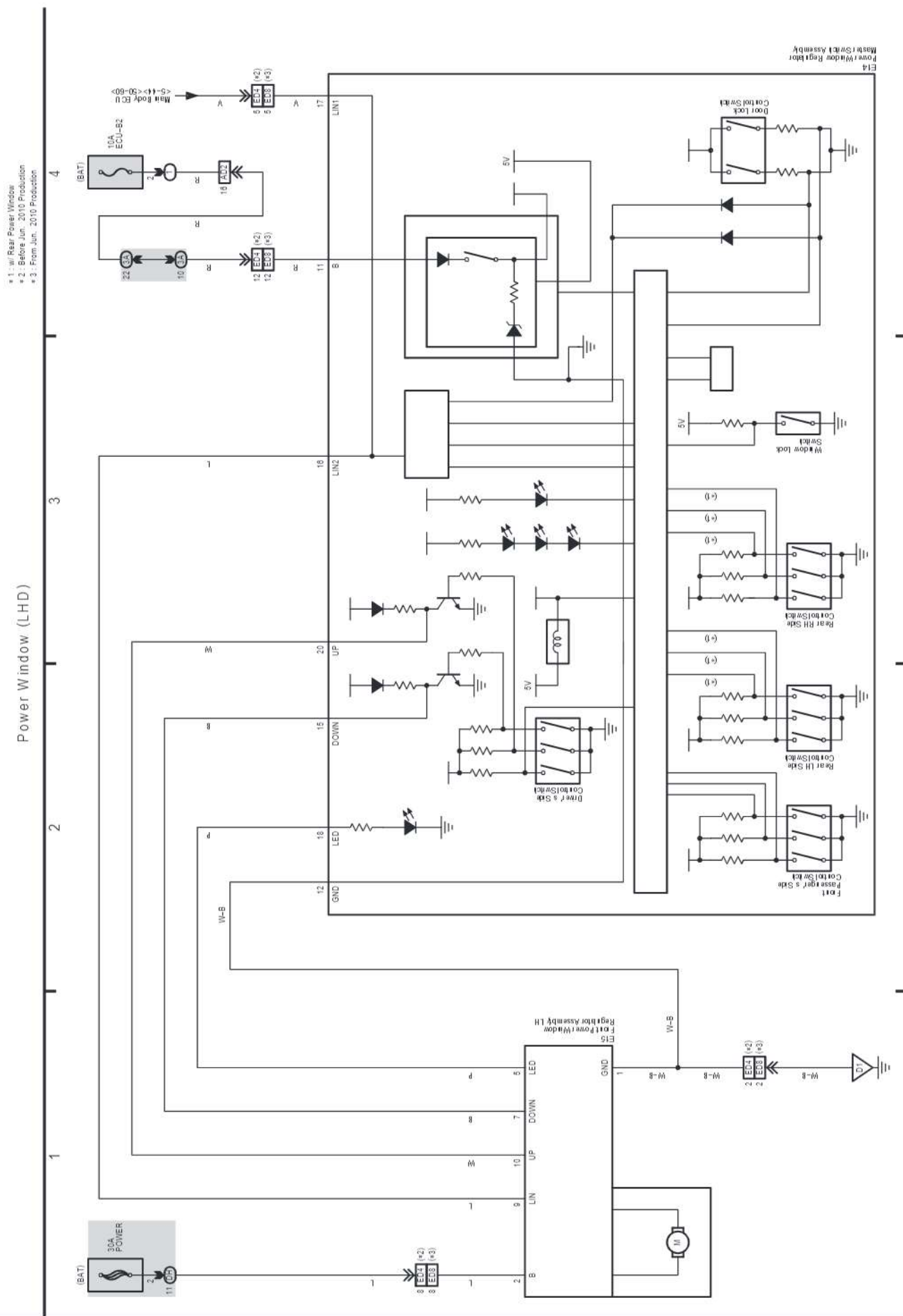


7



(Cont. next page)

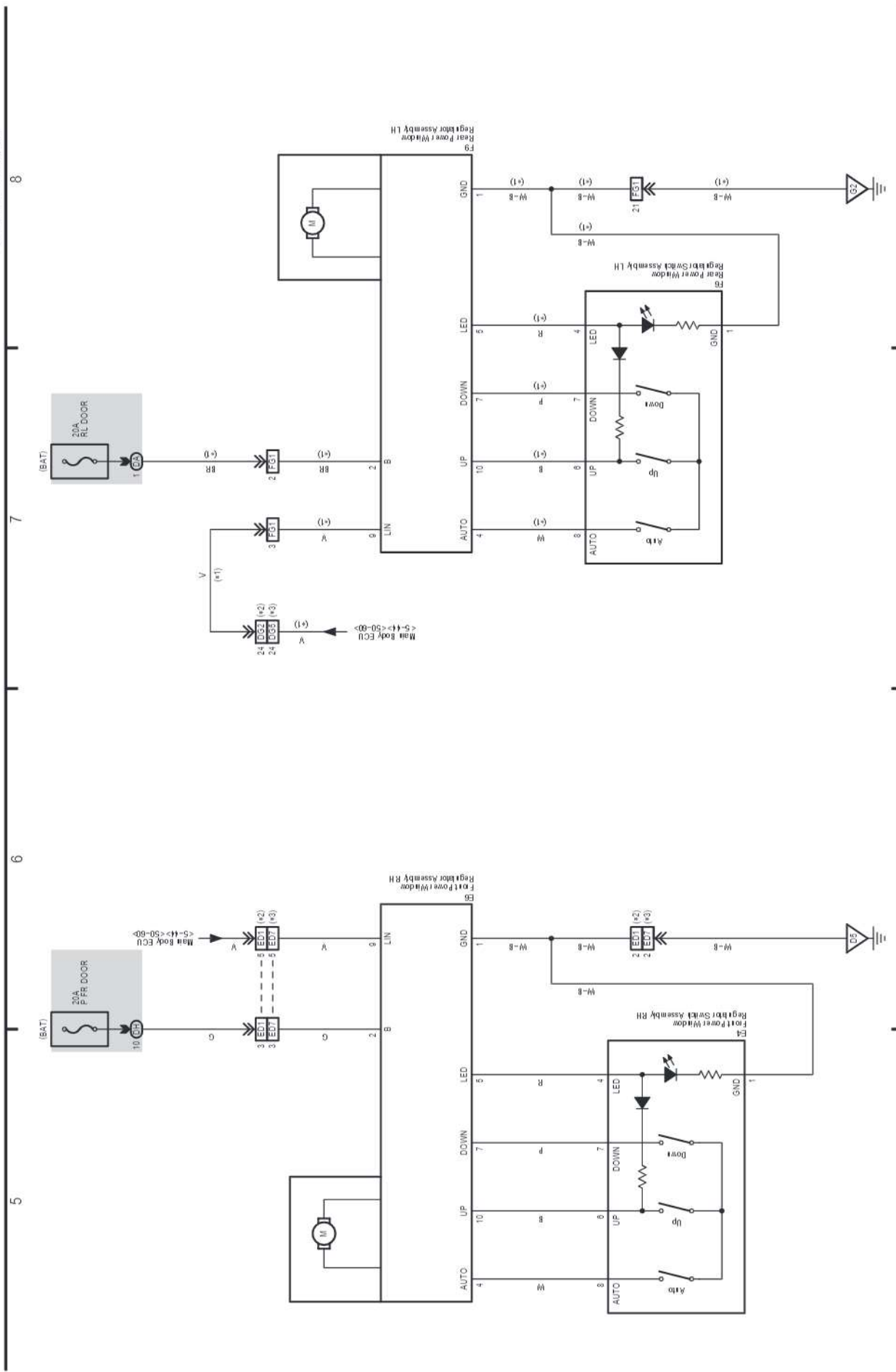
(Cont. next page)



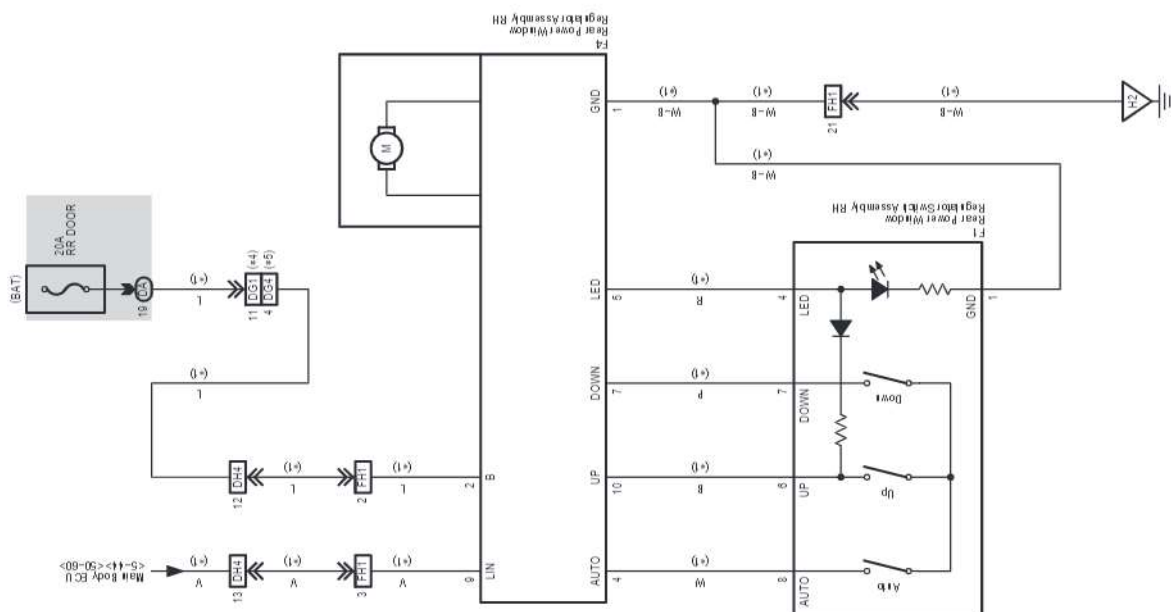
AVENSIS (EM25H4E)

* 1 : 1st Rear Power Window
 * 2 : Before Jun. 2010 Production
 * 3 : From Jun. 2010 Production

Power Window (LHD)



31 AVENSIS (Cont' d)



AVENSIS (EM25H4E)

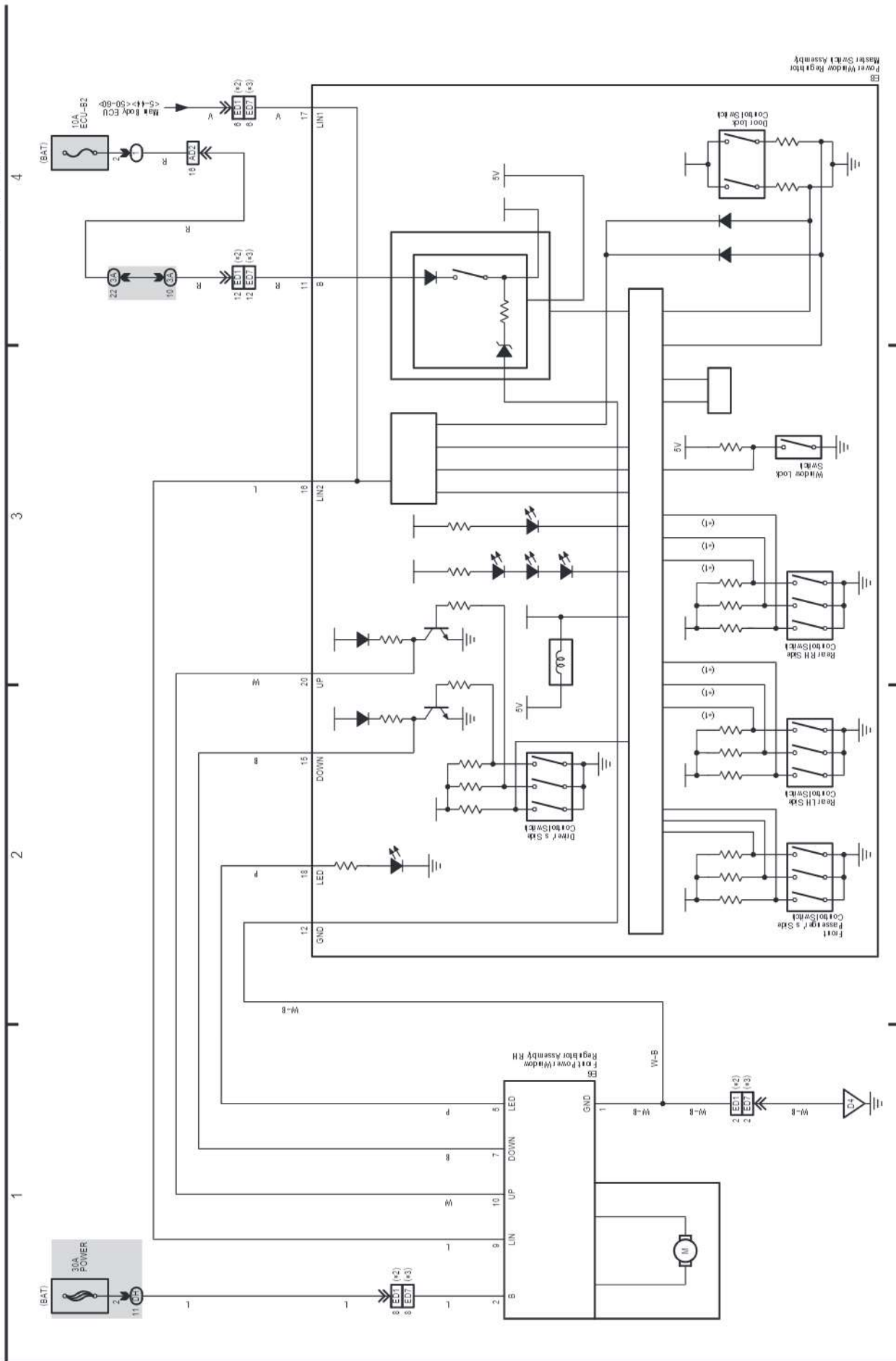
M OVERALL ELECTRICAL WIRING DIAGRAM

32 AVENSIS

(Cont. next page)

- * 1 : w/ Rear Power Window
- * 2 : Before Jun. 2010 Production
- * 3 : From Jun. 2010 Production

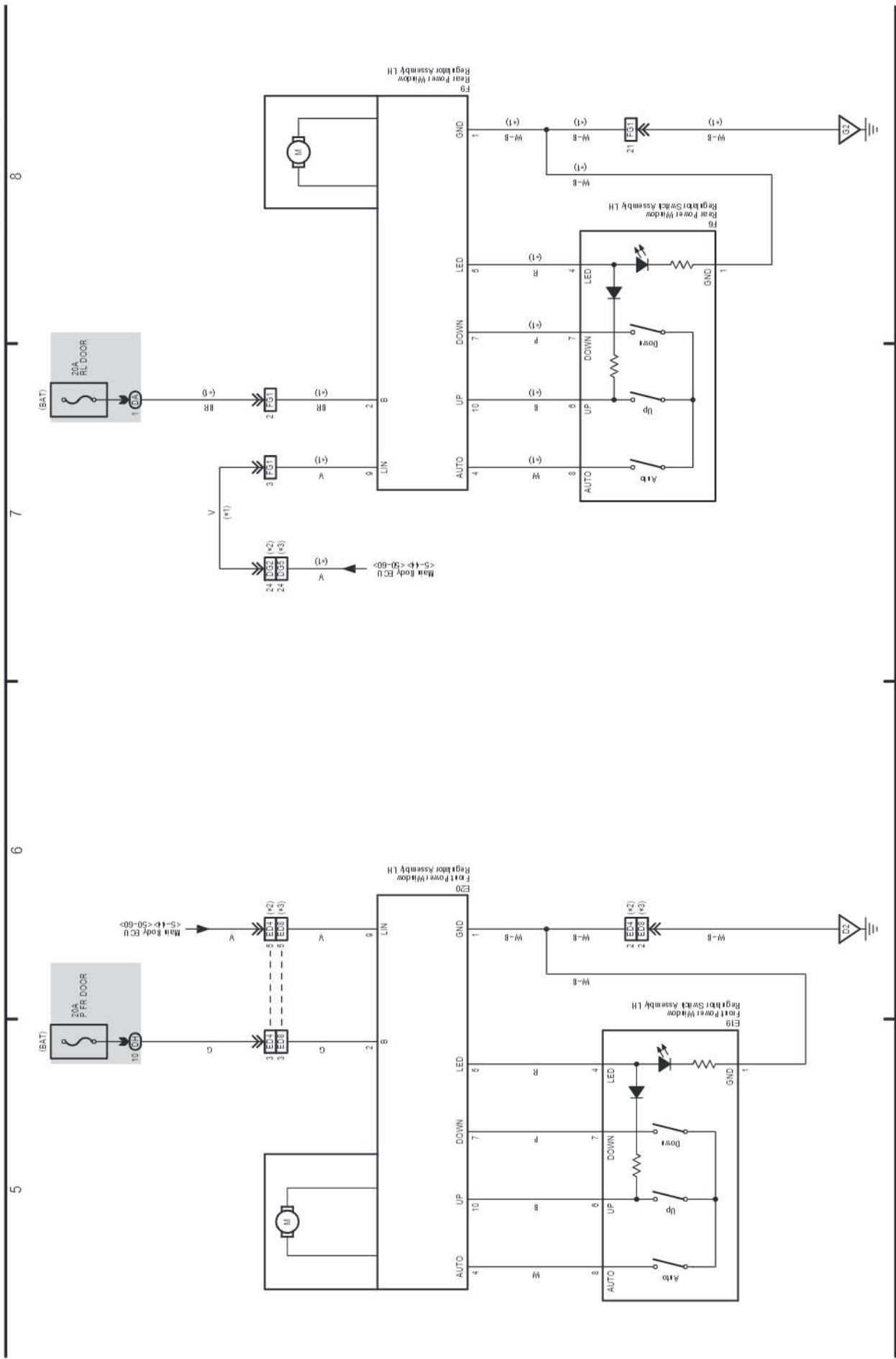
Power Window (RHD)



AVENSIS (EM25H4E)

- * 1 : w/ Rear Power Window
- * 2 : Before Jun. 2010 Production
- * 3 : From Jun. 2010 Production

Power Window (RHD)



M OVERALL ELECTRICAL WIRING DIAGRAM

32 AVENSIS (Cont' d)

* 1 : w/ Rear Power Window
* 4 : Before Nov. 2011 Production
* 5 : From Nov. 2011 Production

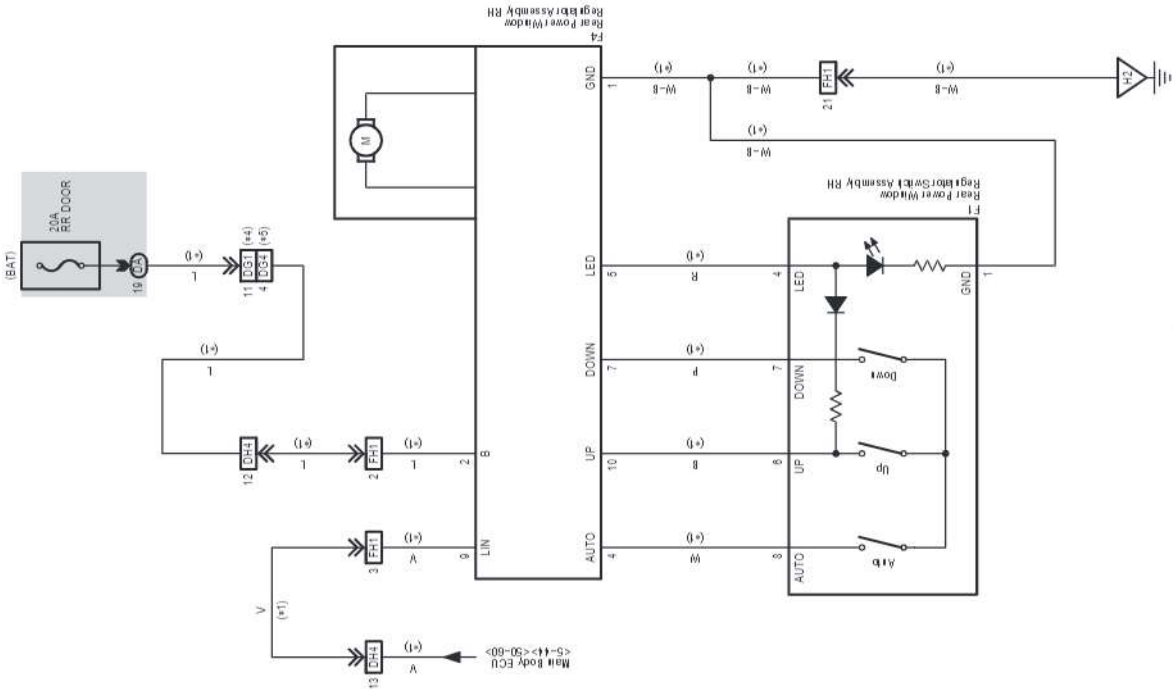
Power Window (RHD)

12

11

10

9

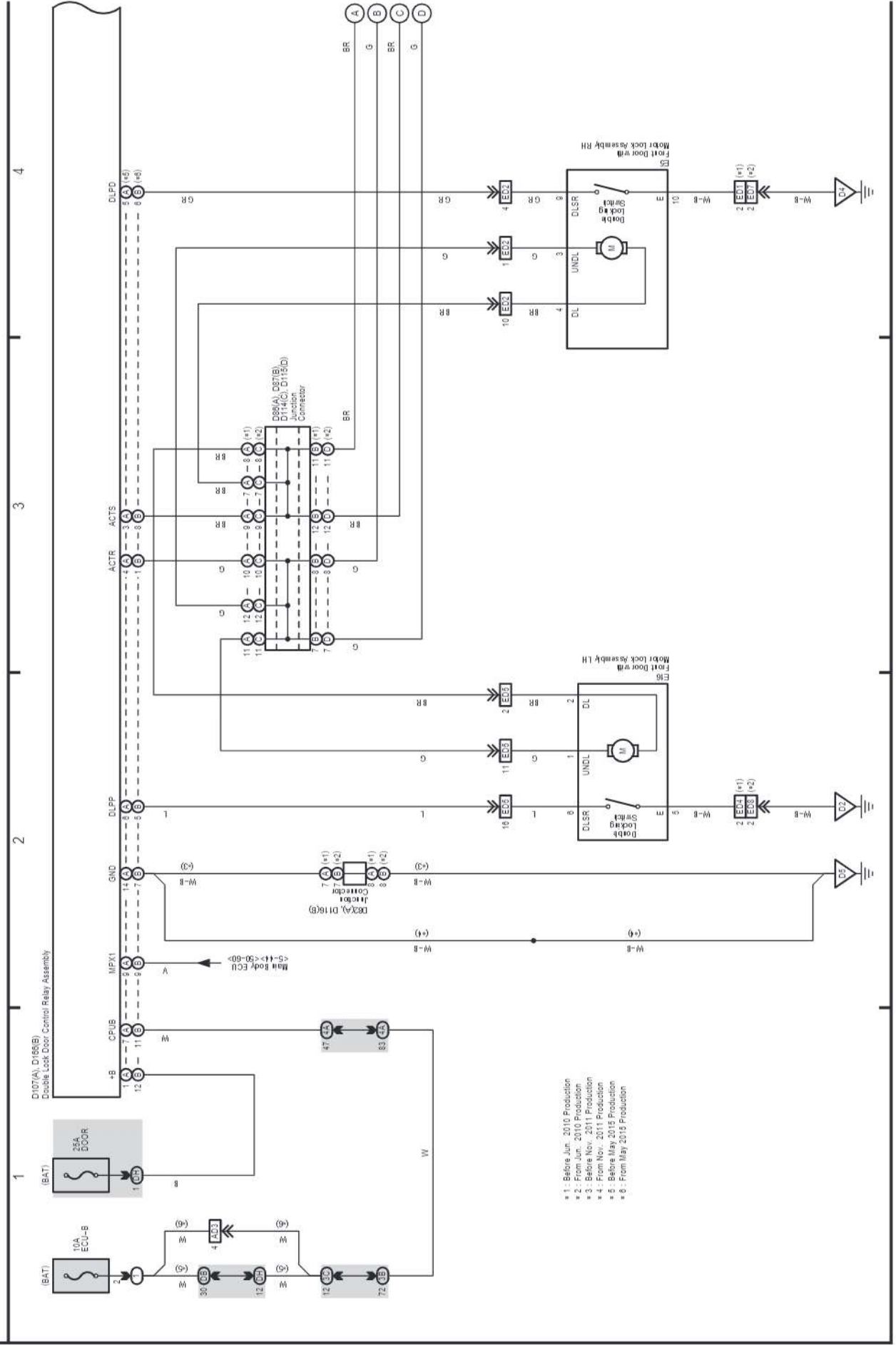


M OVERALL ELECTRICAL WIRING DIAGRAM

33 AVENSIS

(Cont. next page)

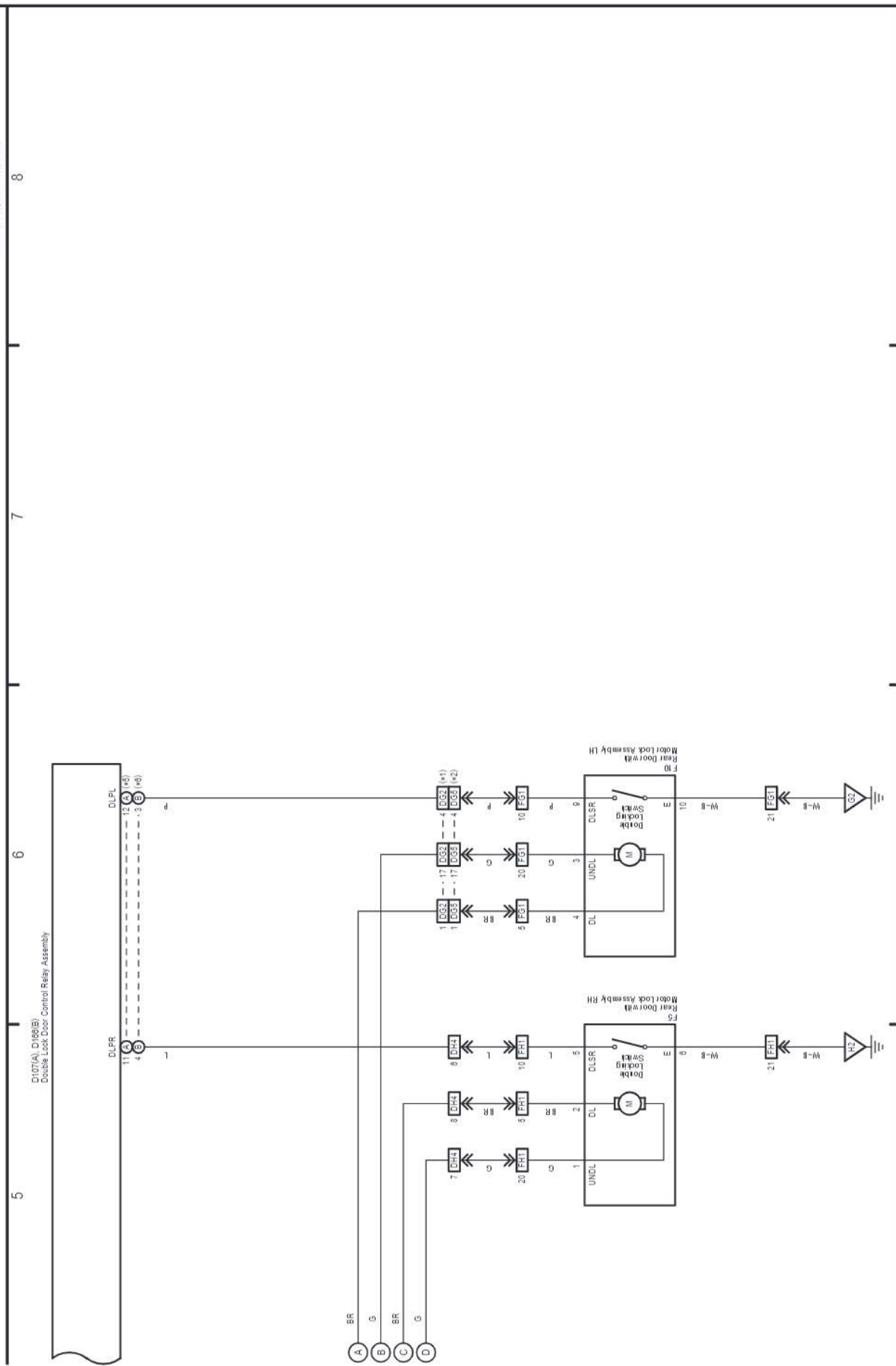
Double Locking



AVENSIS (EM25H4E)

- * 1 : Before Jun. 2010 Production
- * 2 : From Jun. 2010 Production
- * 5 : Before May 2015 Production
- * 8 : From May 2015 Production

Double Locking

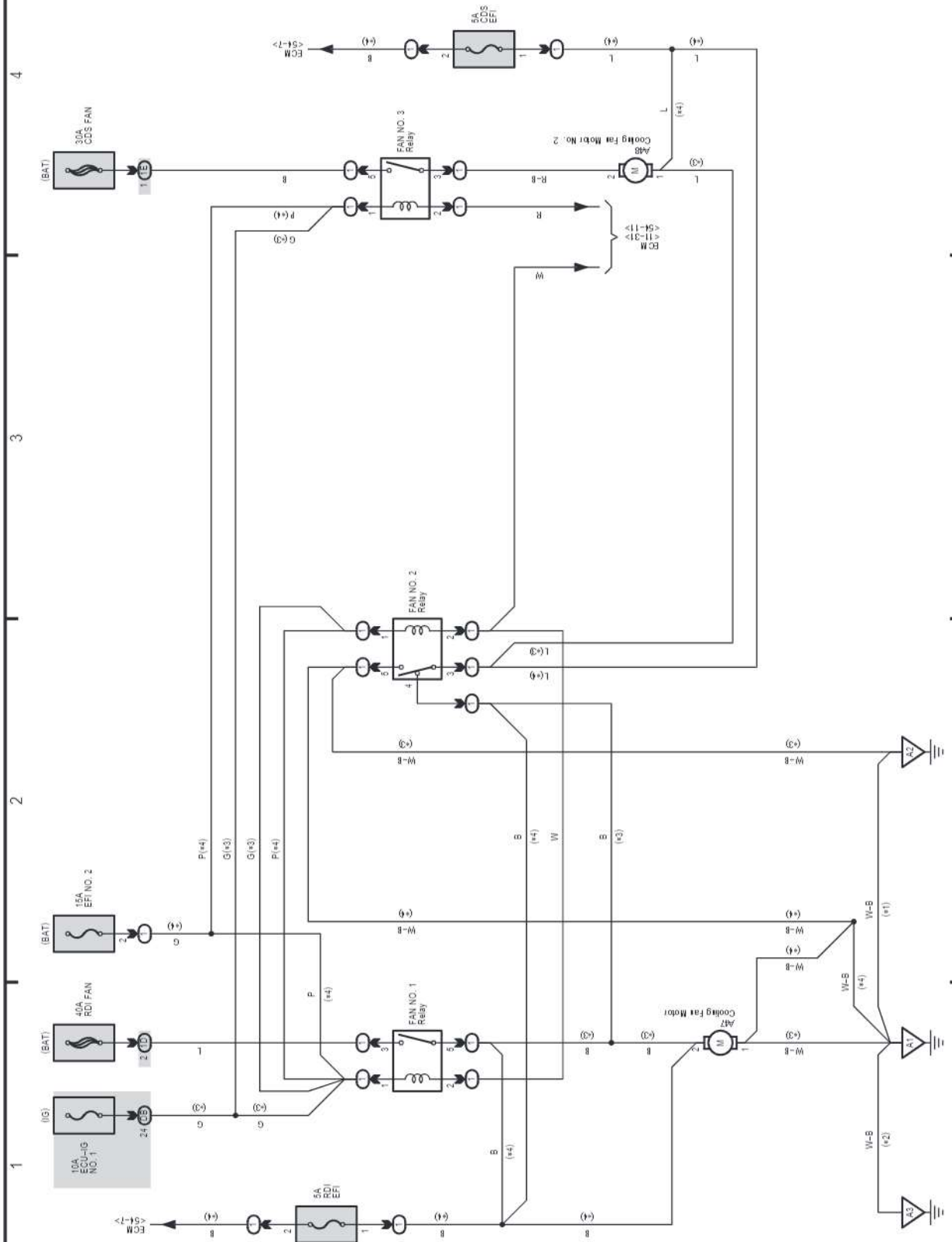


M OVERALL ELECTRICAL WIRING DIAGRAM

34 AVENSIS

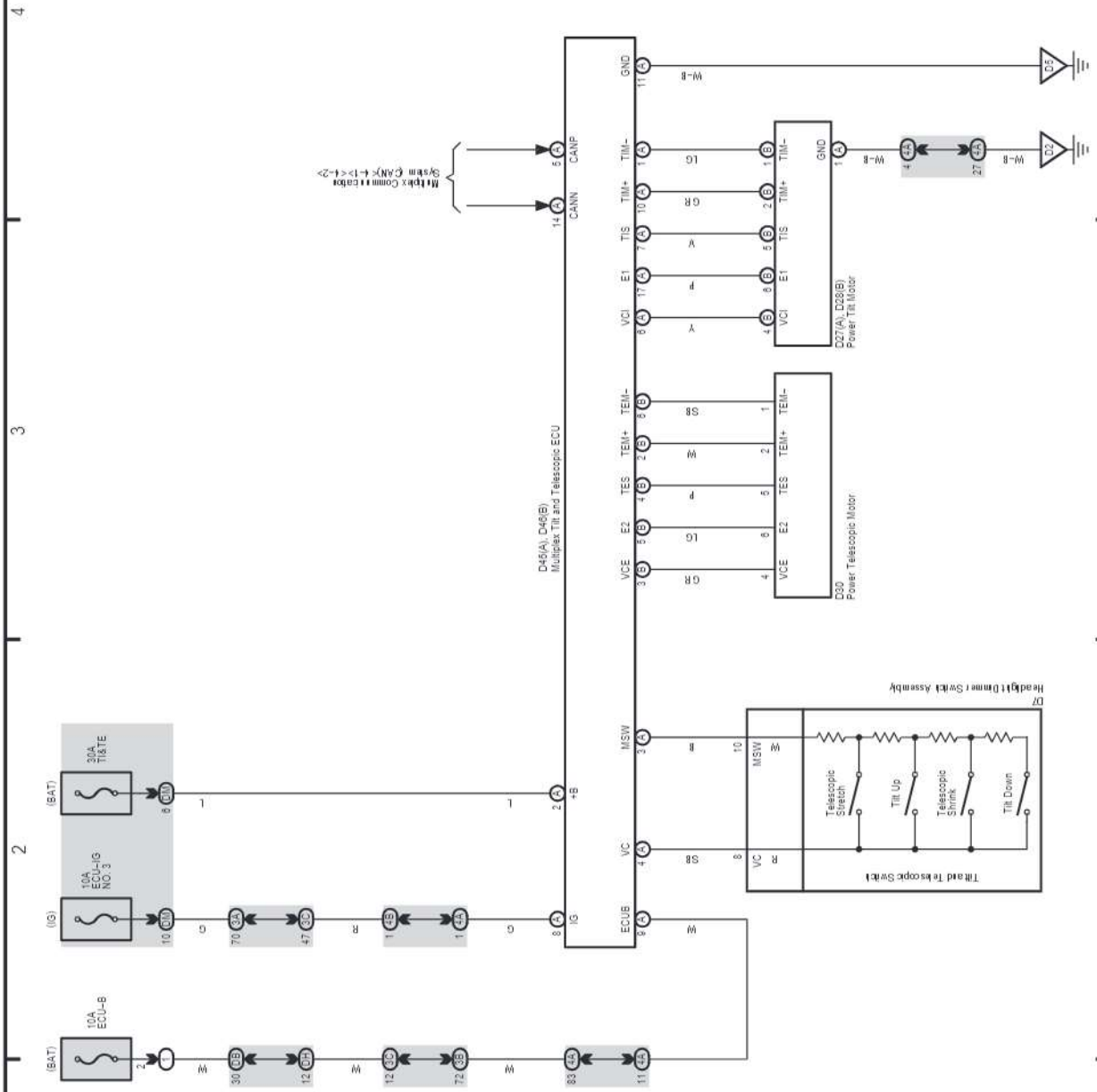
- * 1 : Before Feb. 2014 Production
- * 2 : From Feb. 2014 Production
- * 3 : Before May 2015 Production
- * 4 : From May 2015 Production

Cooling Fan

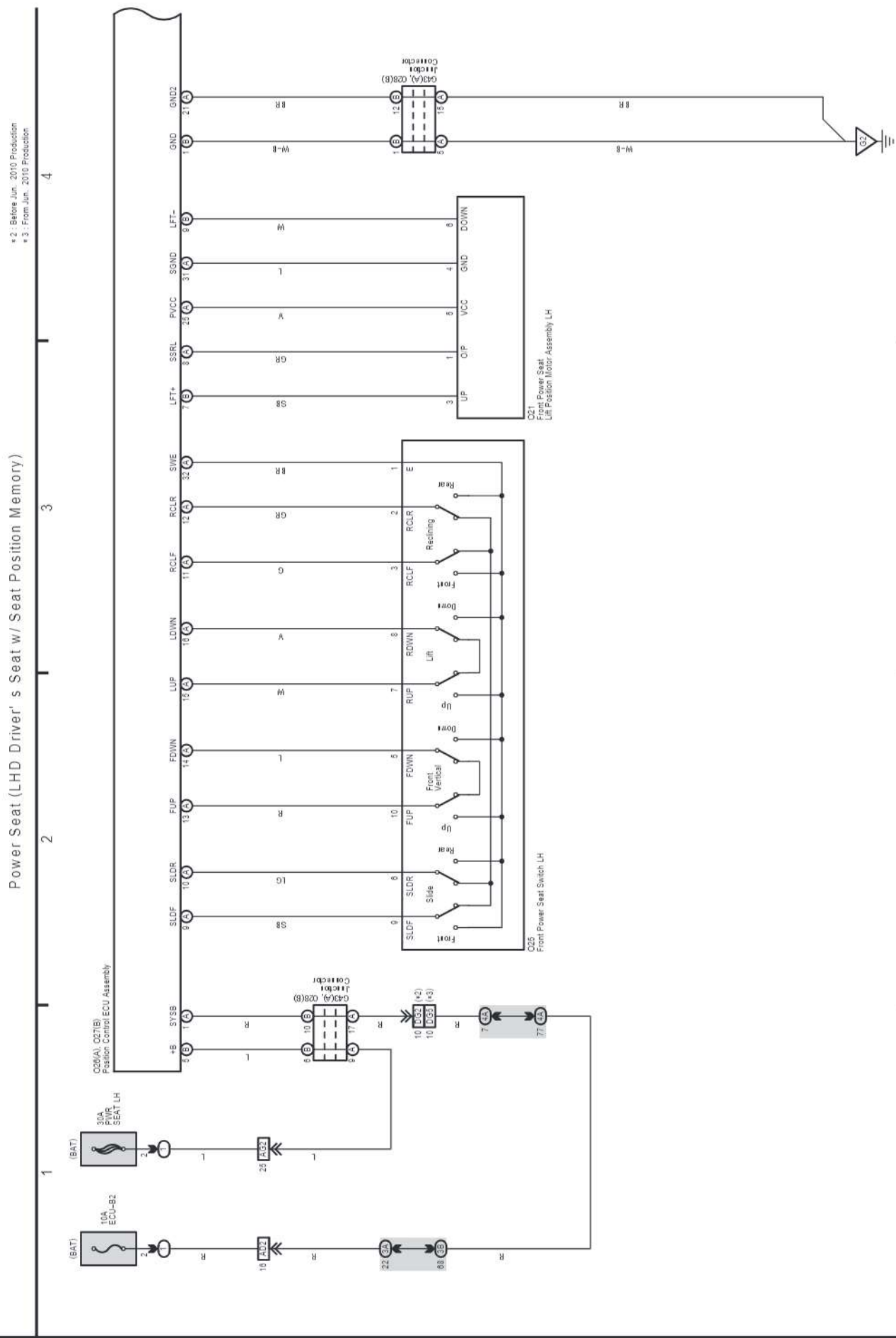


AVENSIS (EM25H4E)

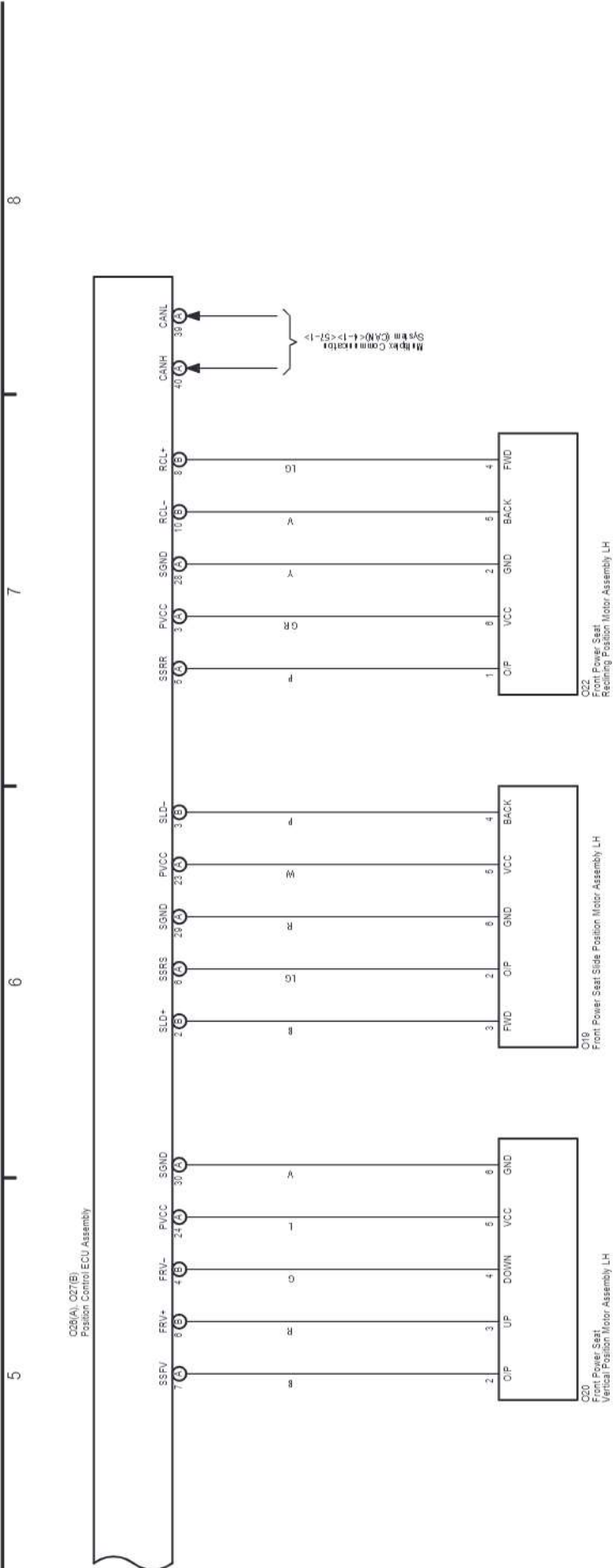
Power Tilt and Power Telescopic



M OVERALL ELECTRICAL WIRING DIAGRAM



Power Seat (LHD Driver's Seat w/ Seat Position Memory)

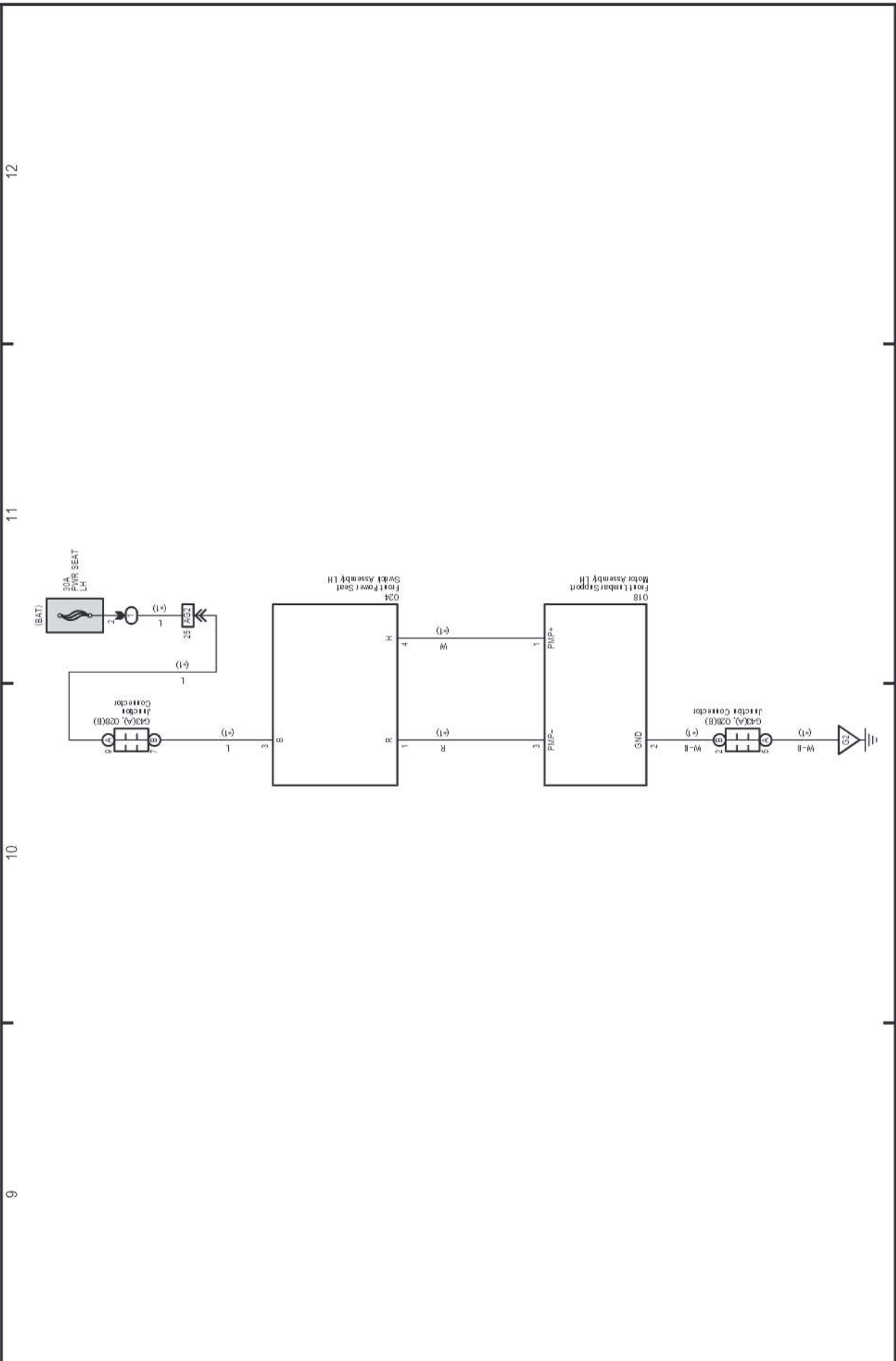


M OVERALL ELECTRICAL WIRING DIAGRAM

36 AVENSIS (Cont' d)

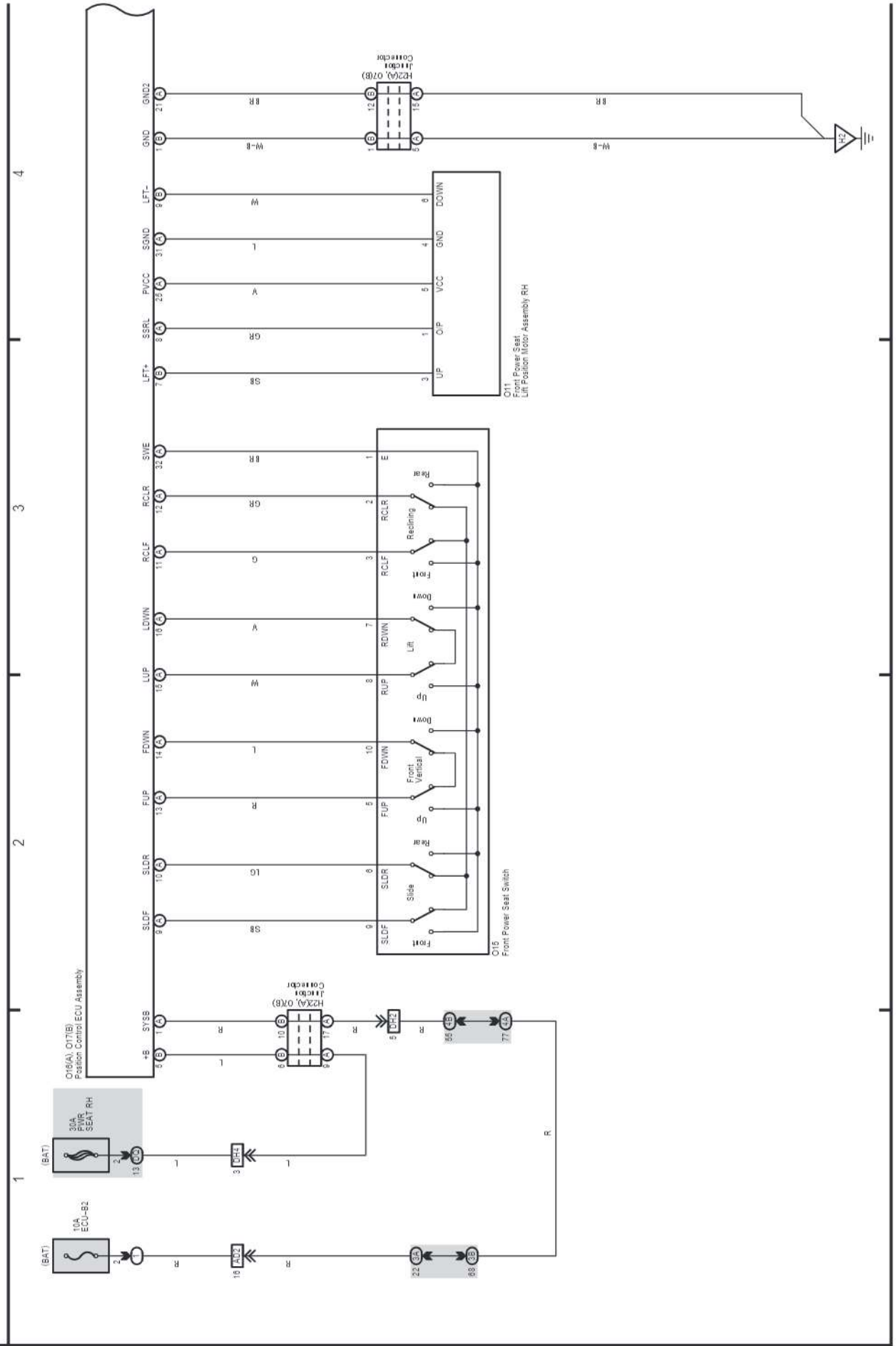
Power Seat (LHD Driver' s Seat w/o Seat Position Memory)

* 1 : Lumbar Support Only

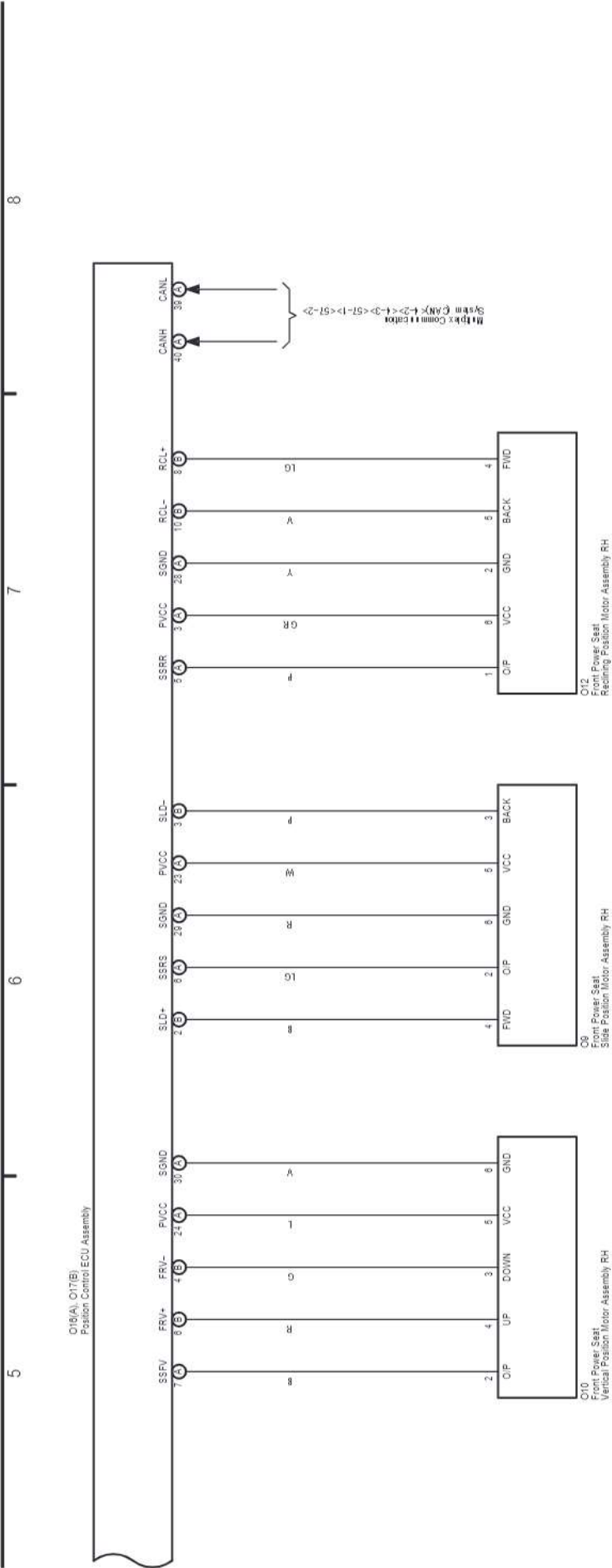


M OVERALL ELECTRICAL WIRING DIAGRAM

Power Seat (RHD Driver's Seat w/ Seat Position Memory)



Power Seat (RHD Driver' s Seat w/ Seat Position Memory)



M OVERALL ELECTRICAL WIRING DIAGRAM

37 AVENSIS (Cont' d)

Power Seat (RHD Driver' s Seat w/o Seat Position Memory)

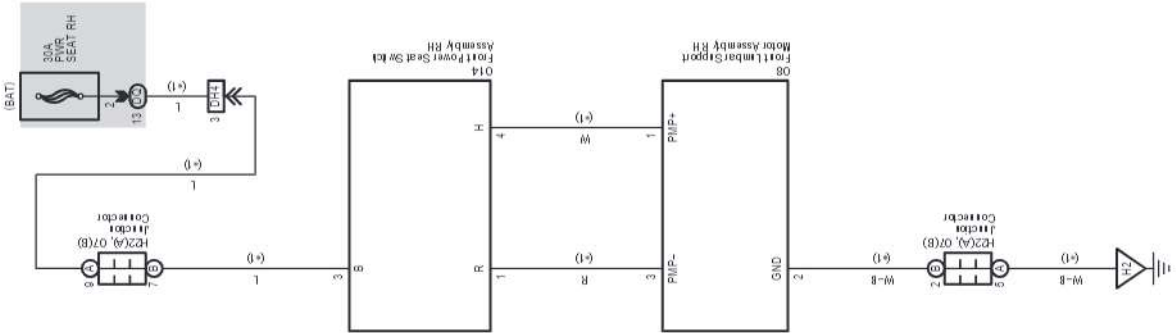
* 1 : Lumbar Support Only

12

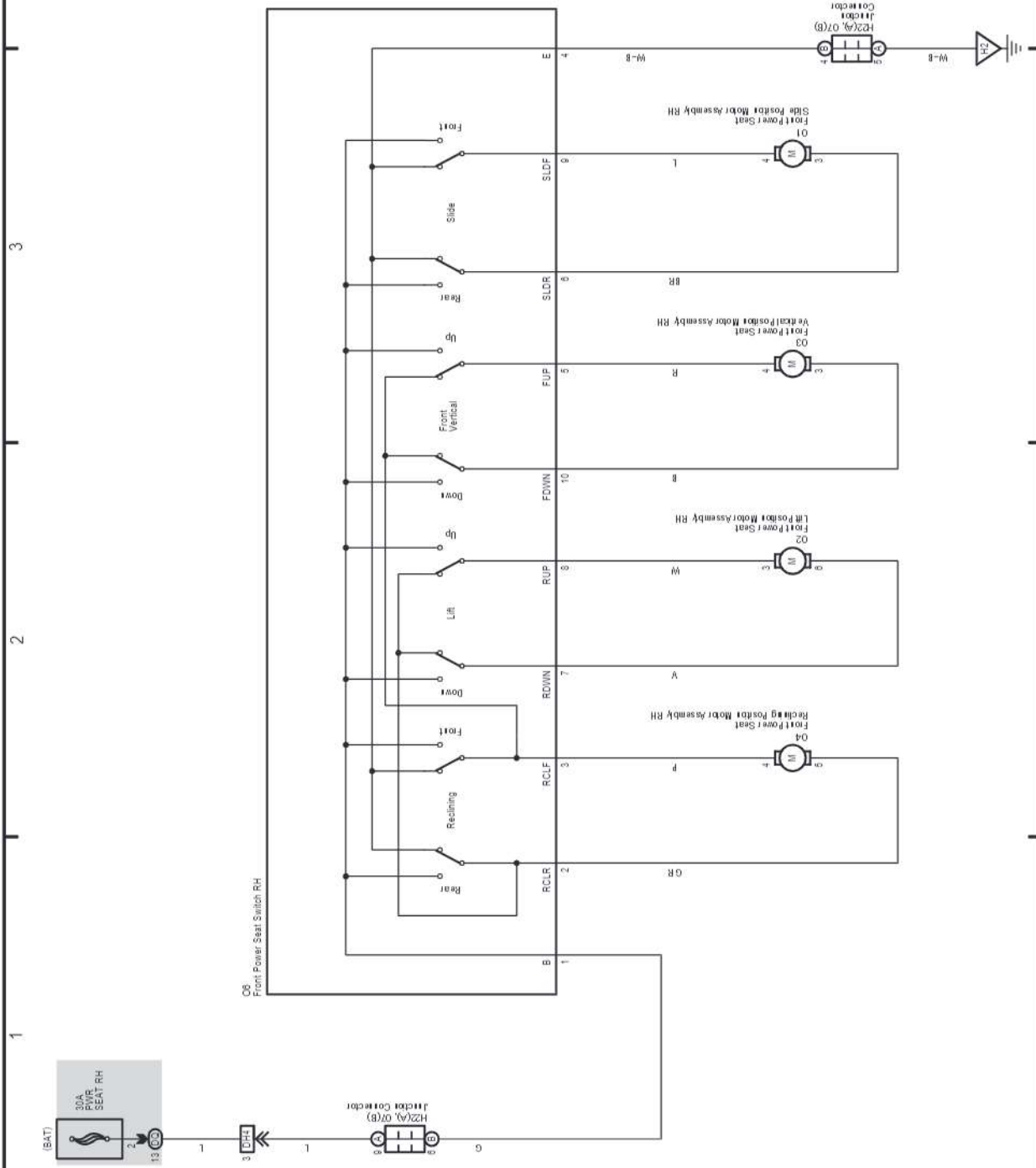
11

10

9



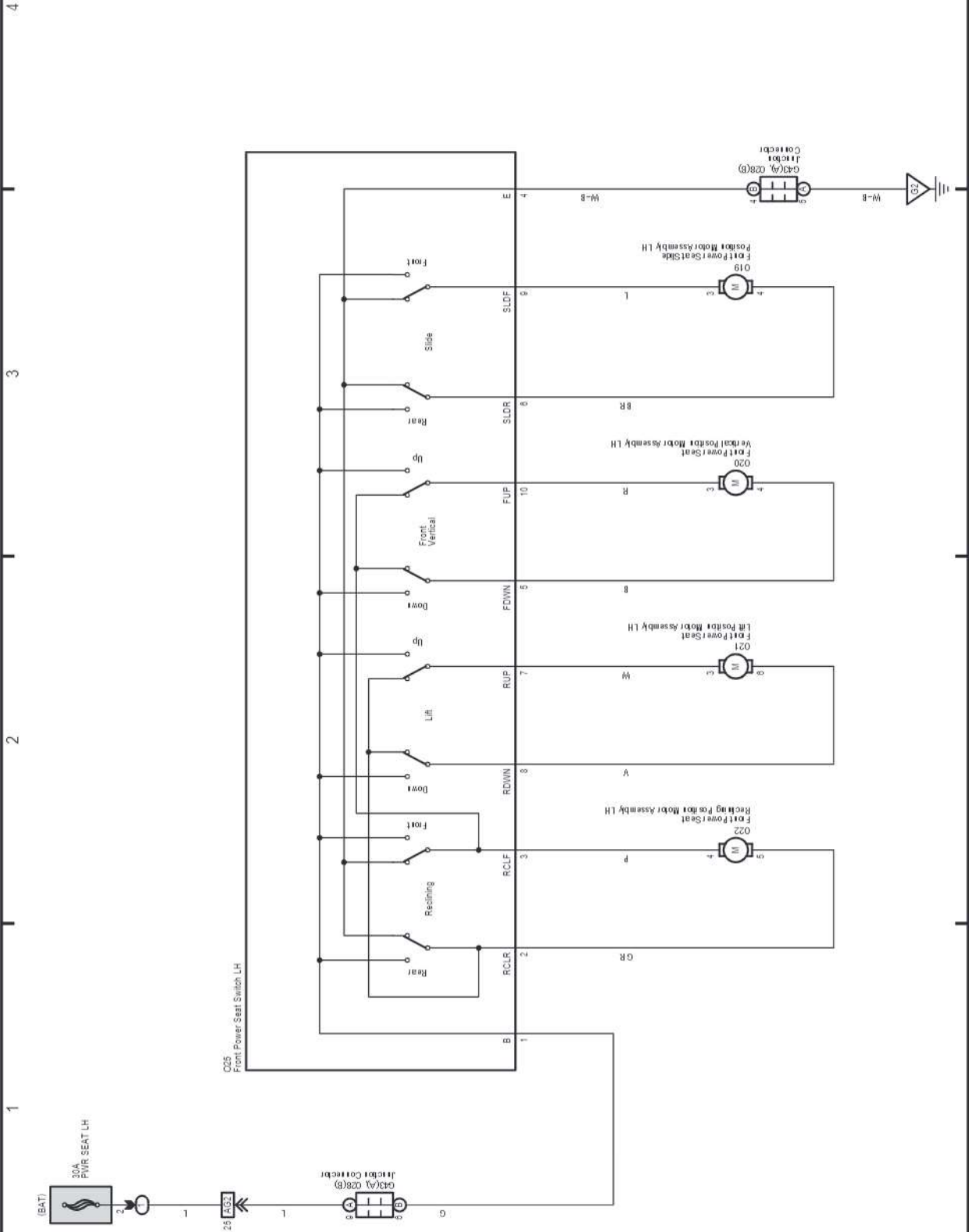
Power Seat (LHD Front Passenger' s Seat)



M OVERALL ELECTRICAL WIRING DIAGRAM

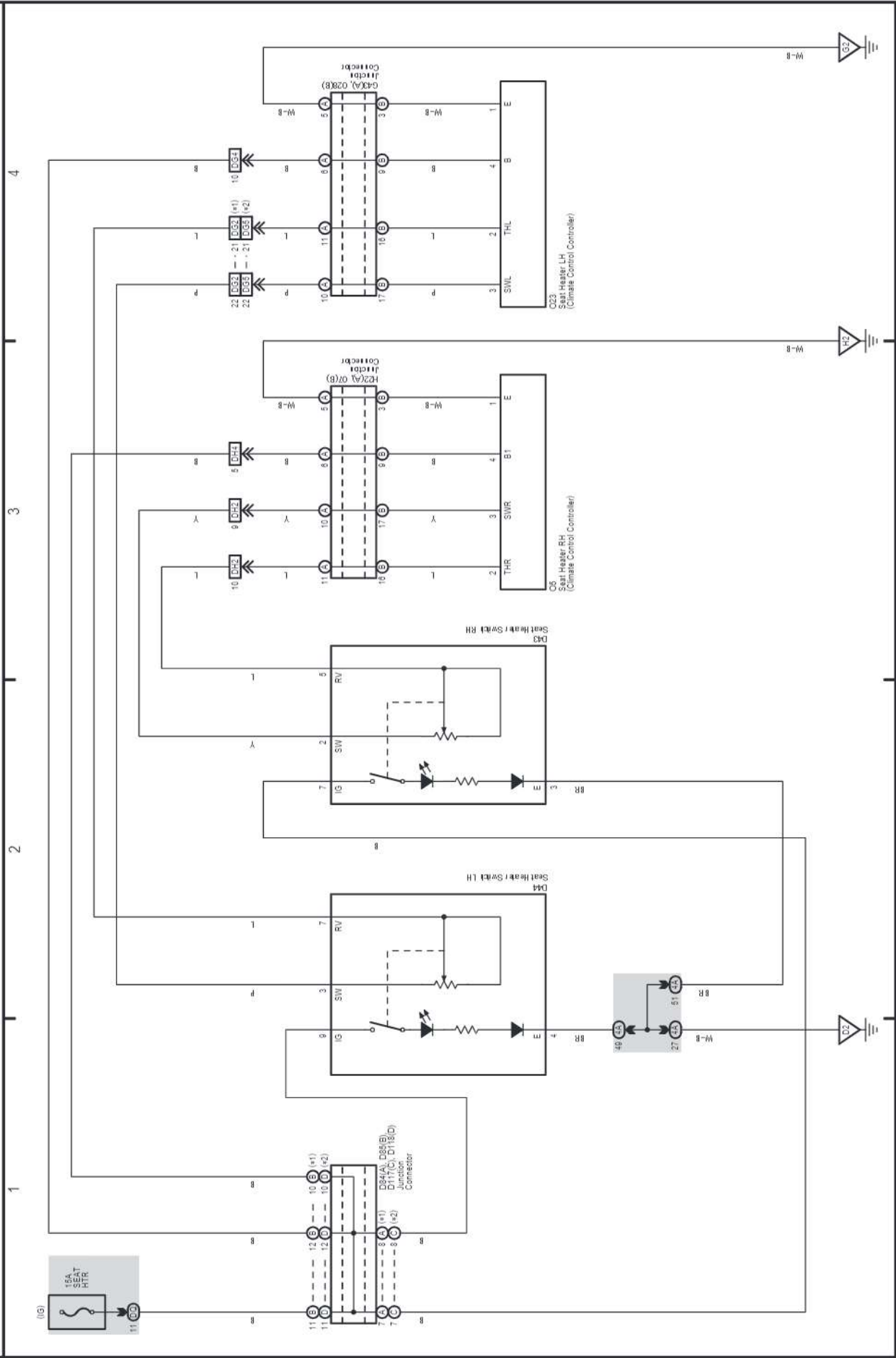
39 AVENSIS

Power Seat (RHD Front Passenger's Seat)



Seat Heater (Before May 2015 Production)

* 1 : Before Jun. 2010 Production
 * 2 : From Jun. 2010 Production

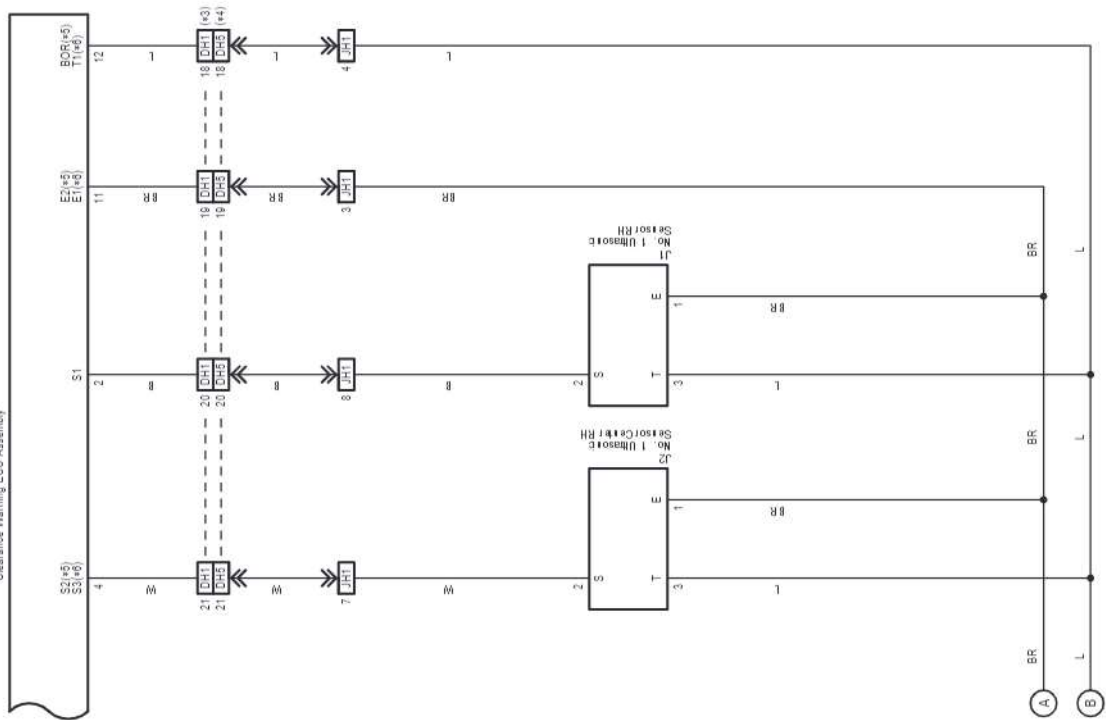


AVENSIS (EM25H4E)



Parking Assist (TOYOTA Parking Assist-Sensor)

D65
Clearance Warning ECU Assembly



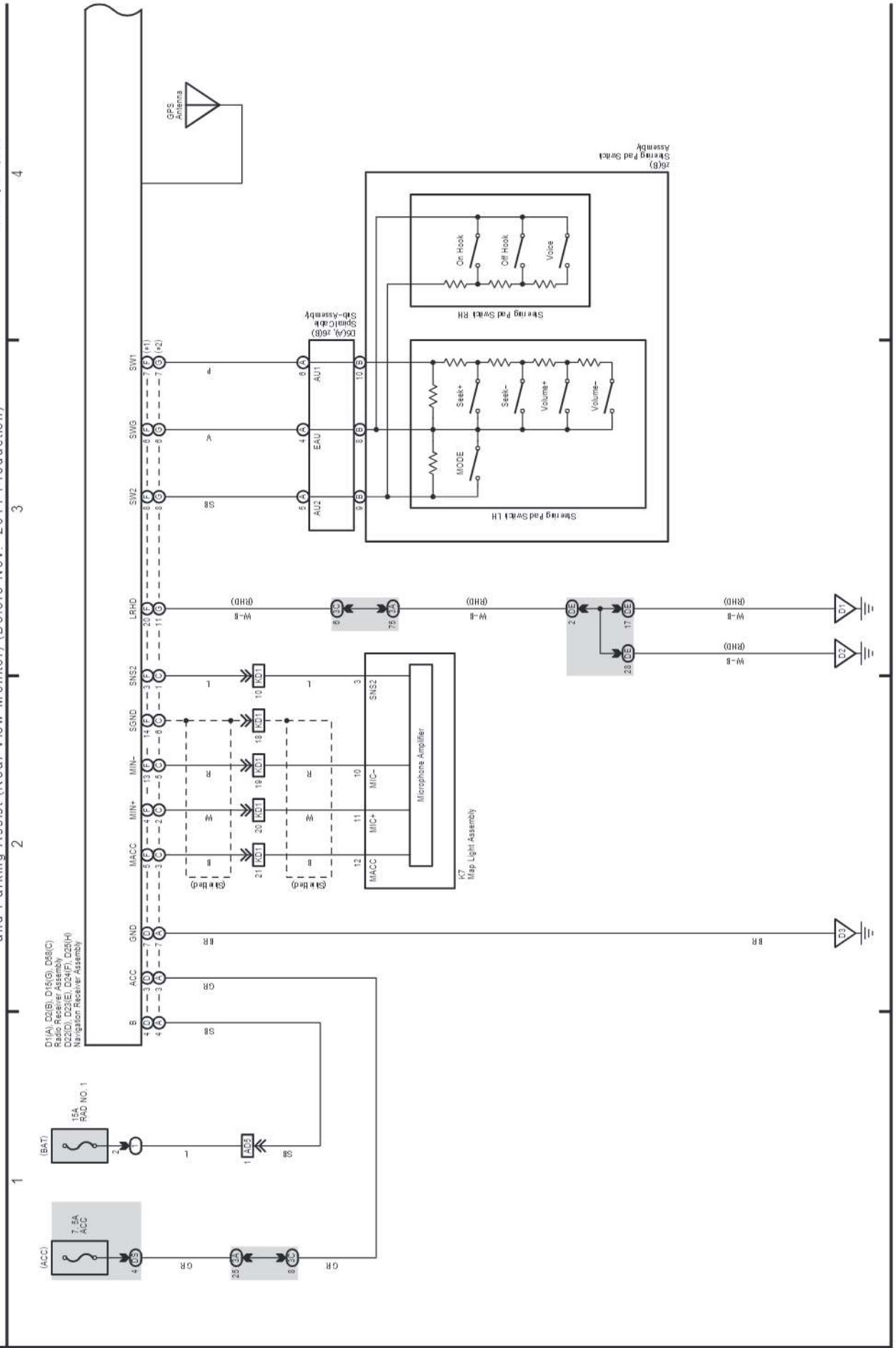
M OVERALL ELECTRICAL WIRING DIAGRAM

42 AVENSIS

(Cont. next page)

Audio System (Before Nov. 2011 Production),
Navigation System (Before Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (Before Nov. 2011 Production)

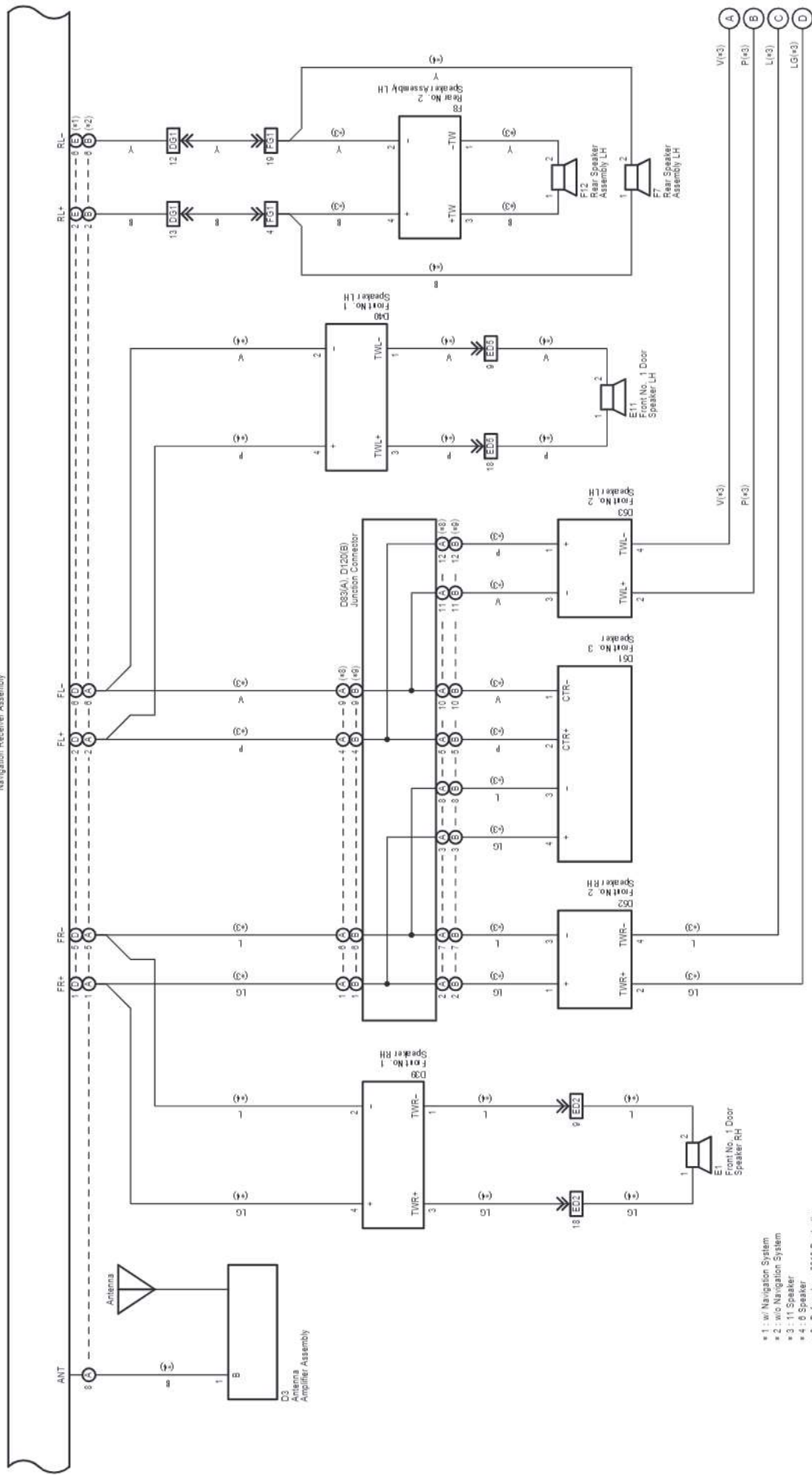
* 1 : w/ Navigation System
* 2 : w/o Navigation System



AVENSIS (EM25H4E)

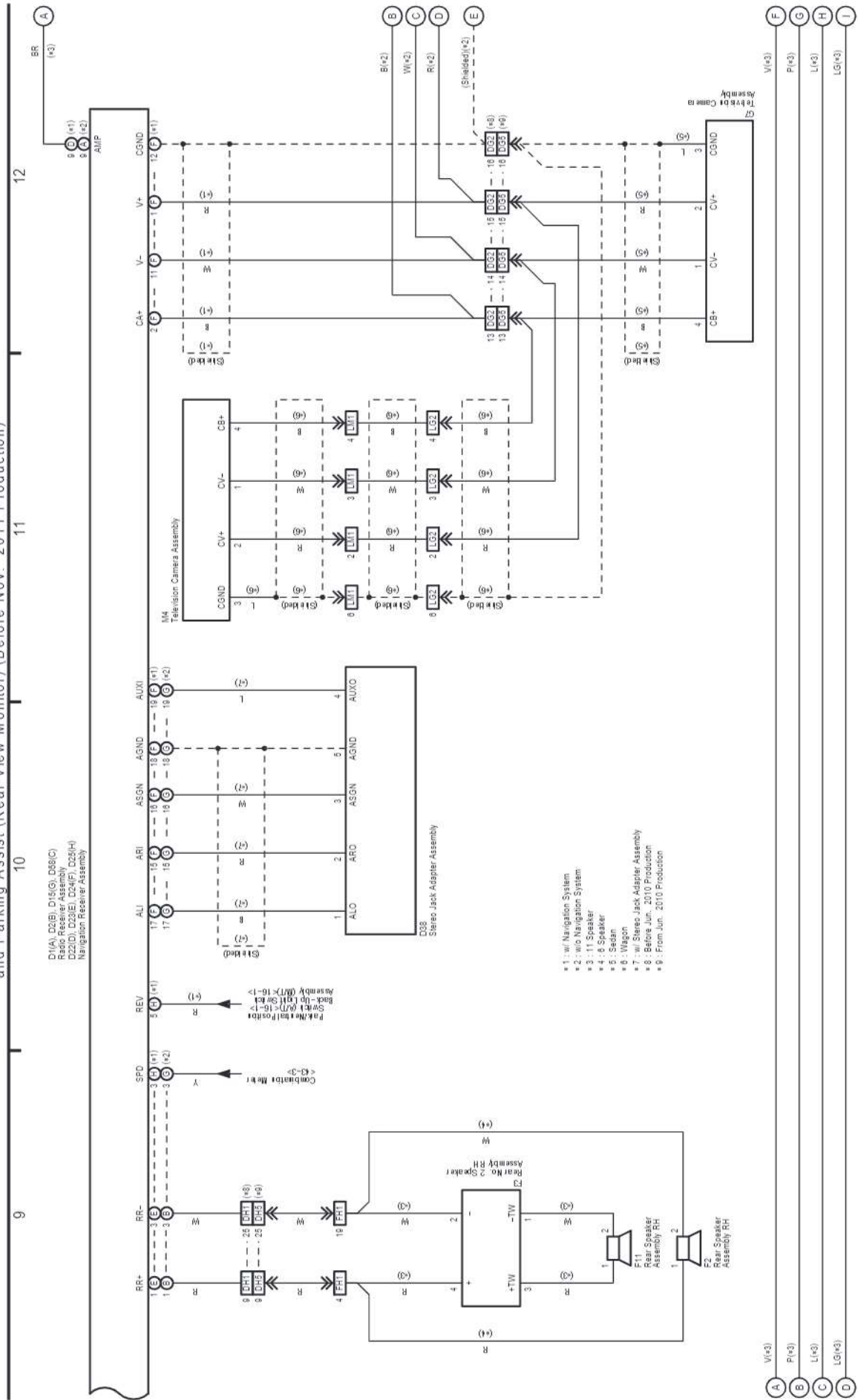
Audio System (Before Nov. 2011 Production),
Navigation System (Before Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (Before Nov. 2011 Production)

D1(A), D3(B), D15(G), D38(C)
Radio Receiver Assembly
D22(D), D23(E), D24(F), D28(H)
Navigation Receiver Assembly

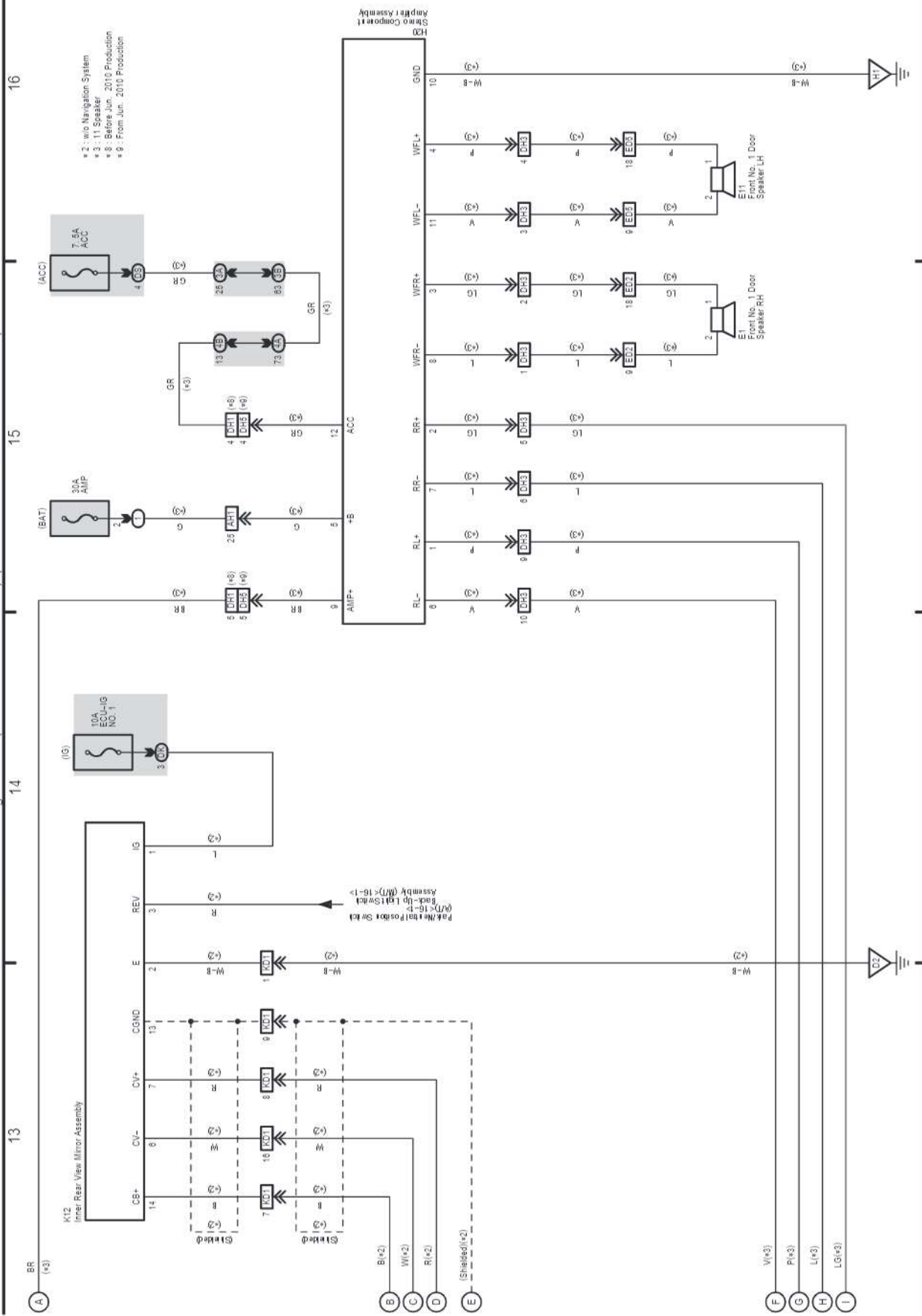


- * 1: w/ Navigation System
- * 2: w/o Navigation System
- * 3: 11 Speaker
- * 4: 8 Speaker
- * 5: 8 Speaker
- * 6: Before Jun. 2010 Production
- * 7: From Jun. 2010 Production

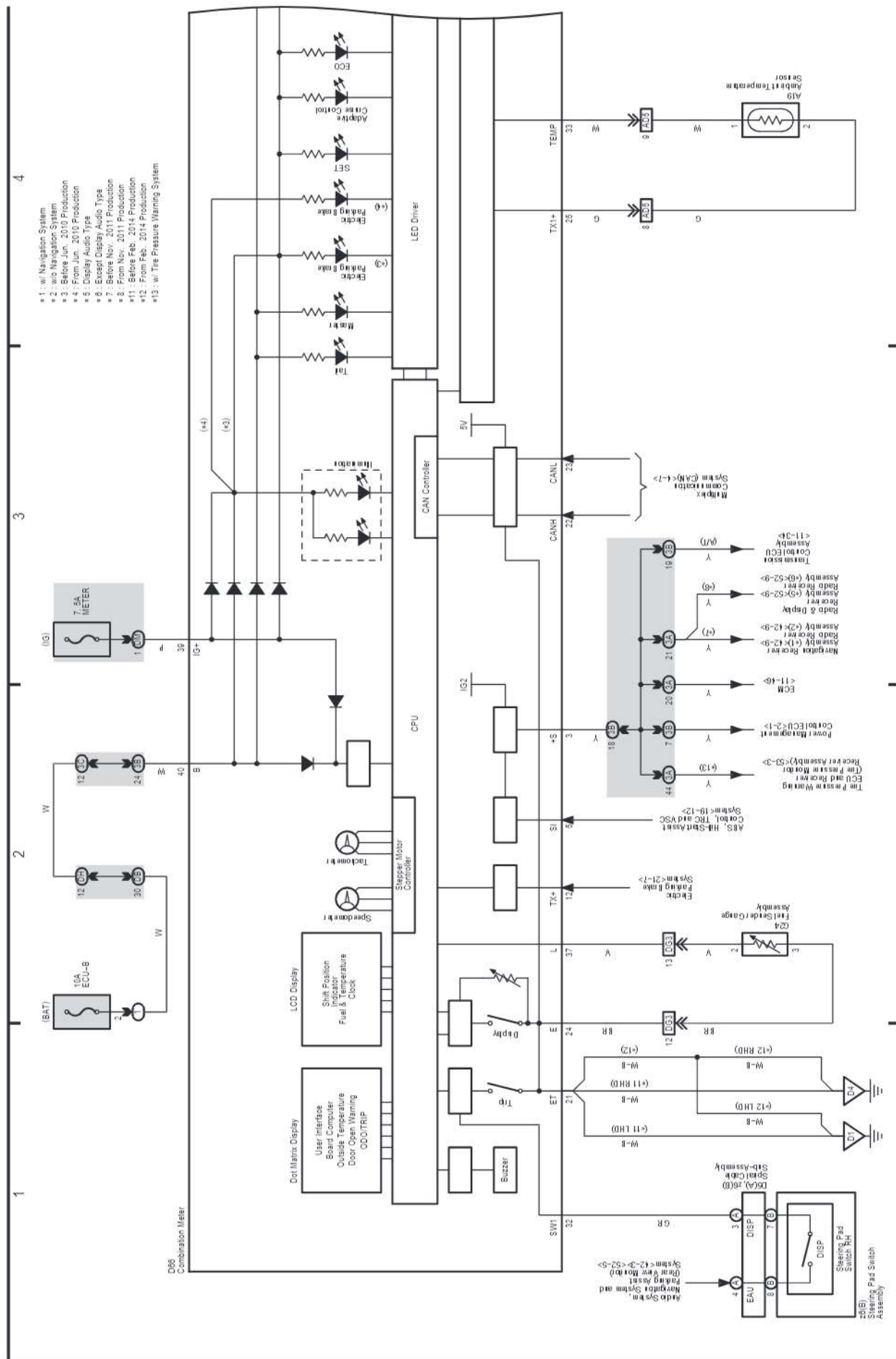
Audio System (Before Nov. 2011 Production),
Navigation System (Before Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (Before Nov. 2011 Production)



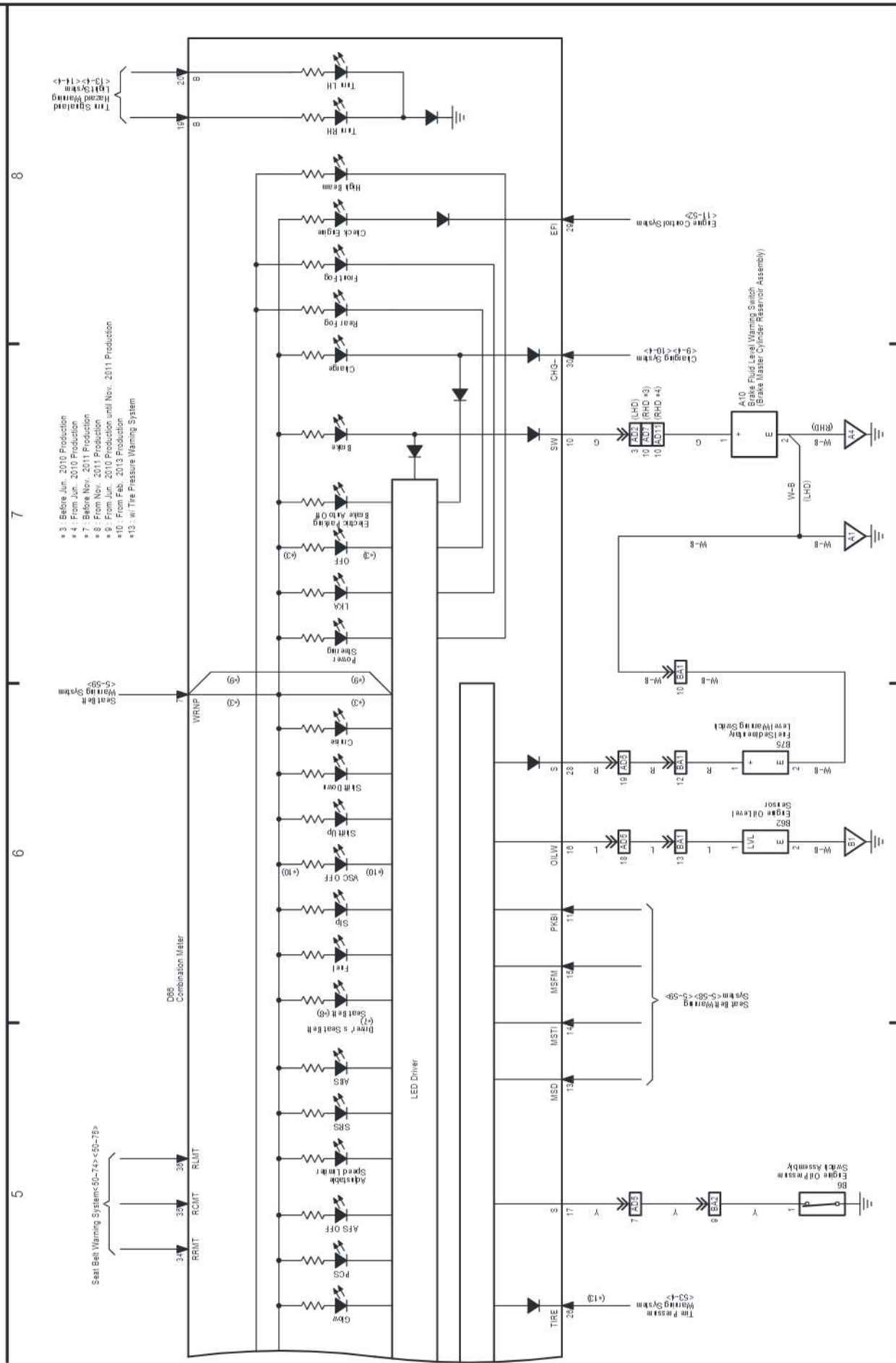
Audio System (Before Nov. 2011 Production),
Navigation System (Before Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (Before Nov. 2011 Production)



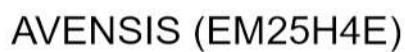
AVENSIS (EM25H4E)



Combination Meter (Before May 2015 Production)

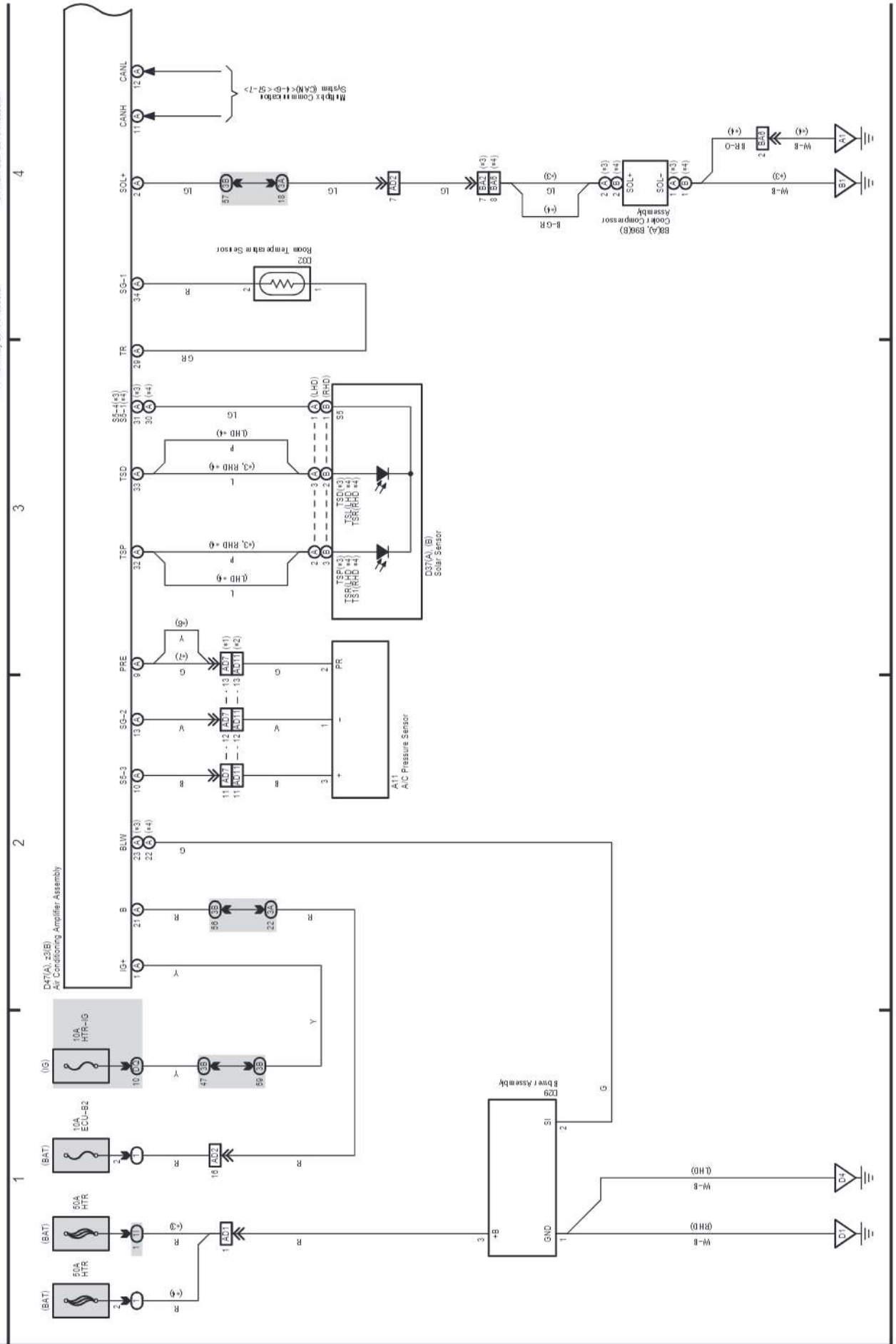


44 AVENSIS



Air Conditioner (Automatic A/C)

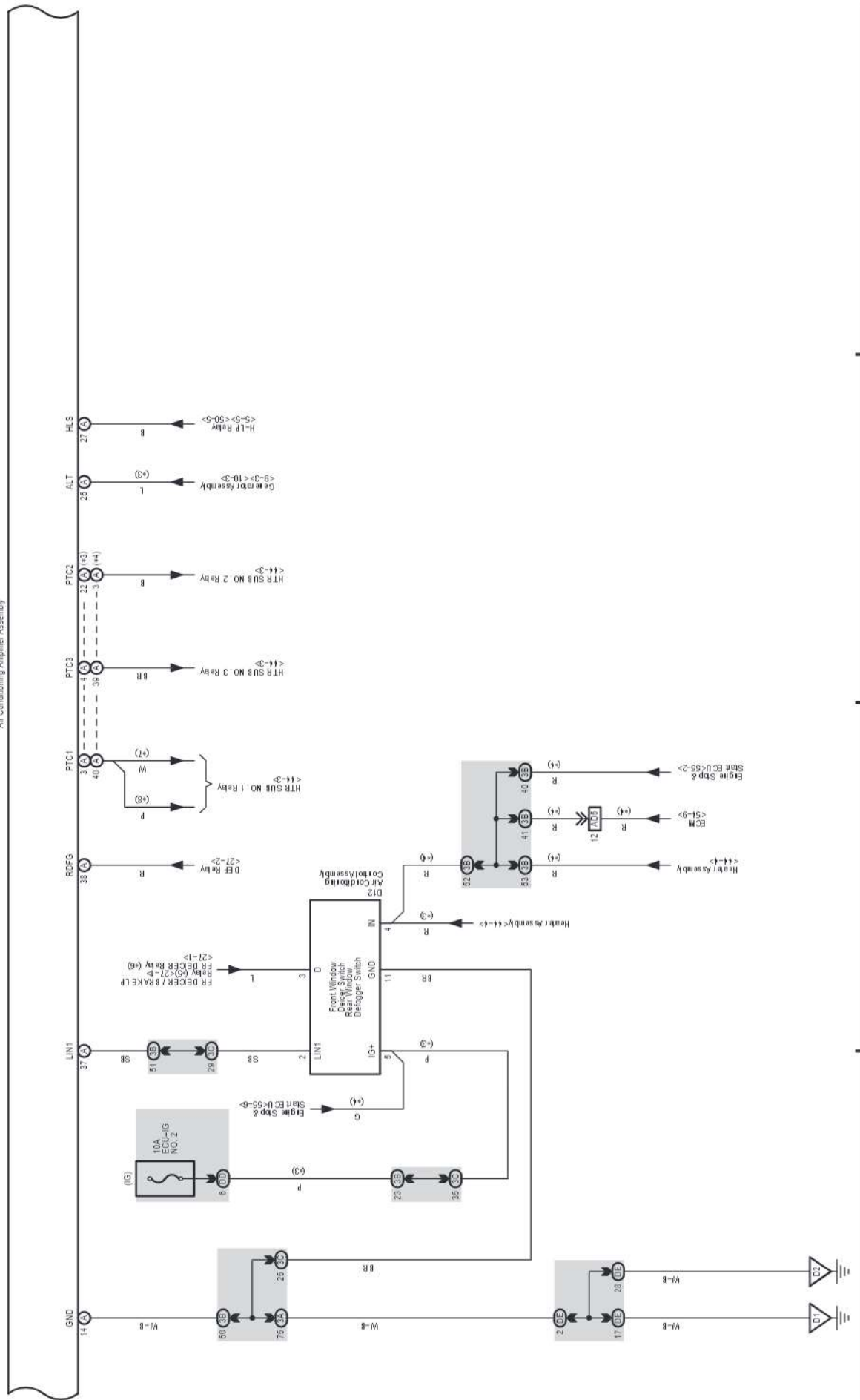
*1 : Before Jun. 2010 Production
 *2 : From Jun. 2010 Production
 *3 : Before May 2015 Production
 *4 : From May 2015 Production



* 3 : Before May 2016 Production
 * 4 : From May 2016 Production
 * 5 : Before Nov. 2013 Production
 * 6 : From Nov. 2013 Production

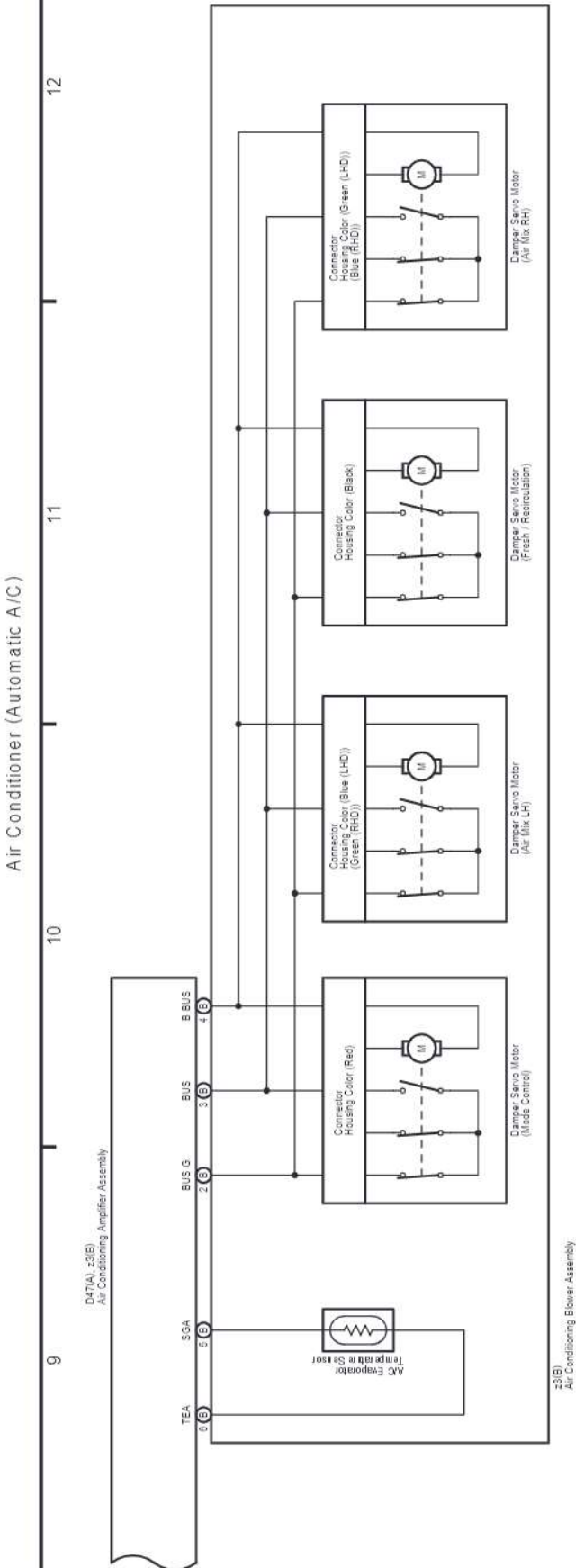
Air Conditioner (Automatic A/C)

D47(A), 23(B)
 Air Conditioning Amplifier Assembly



M OVERALL ELECTRICAL WIRING DIAGRAM

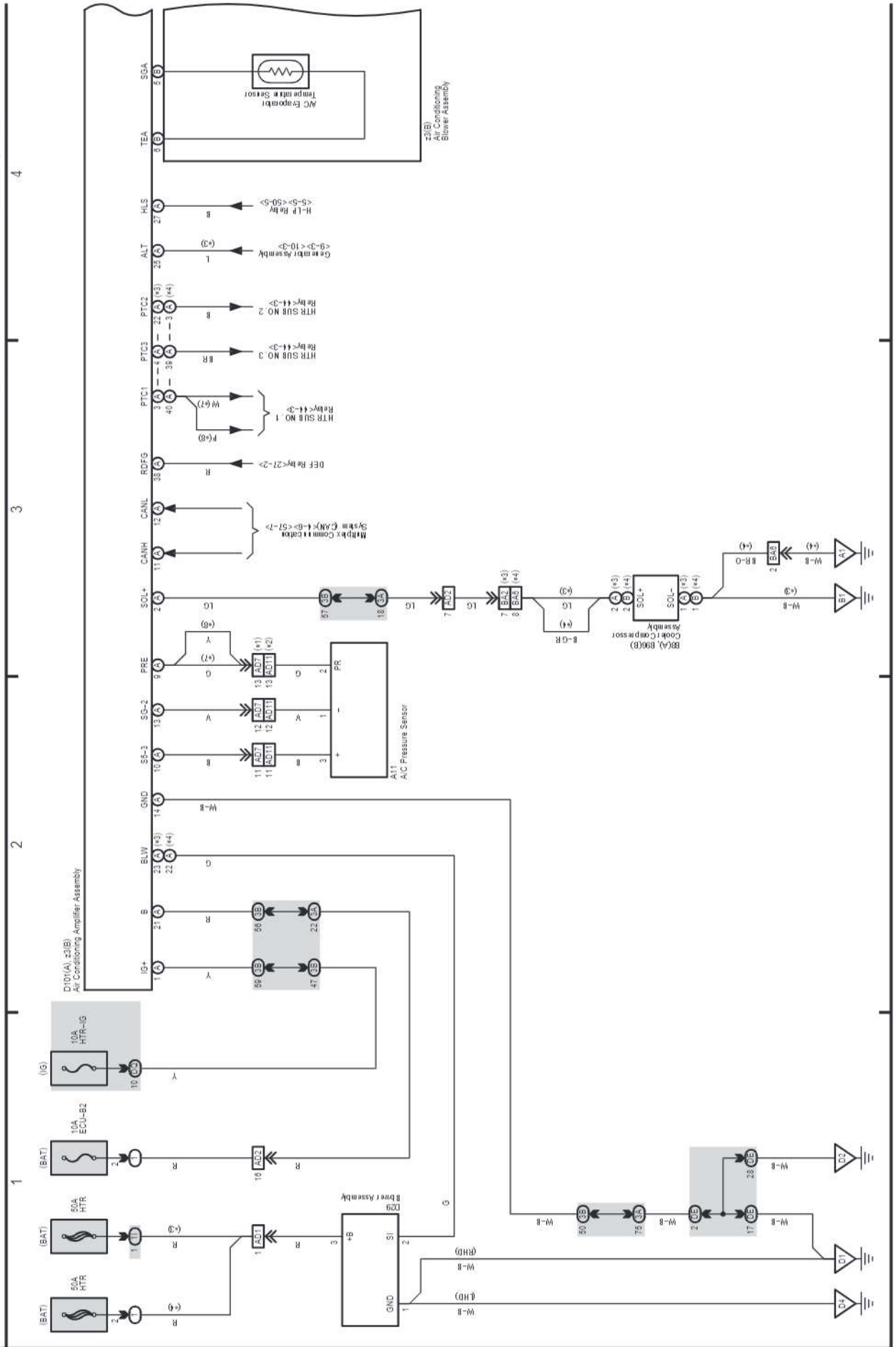
45 AVENSIS (Cont' d)



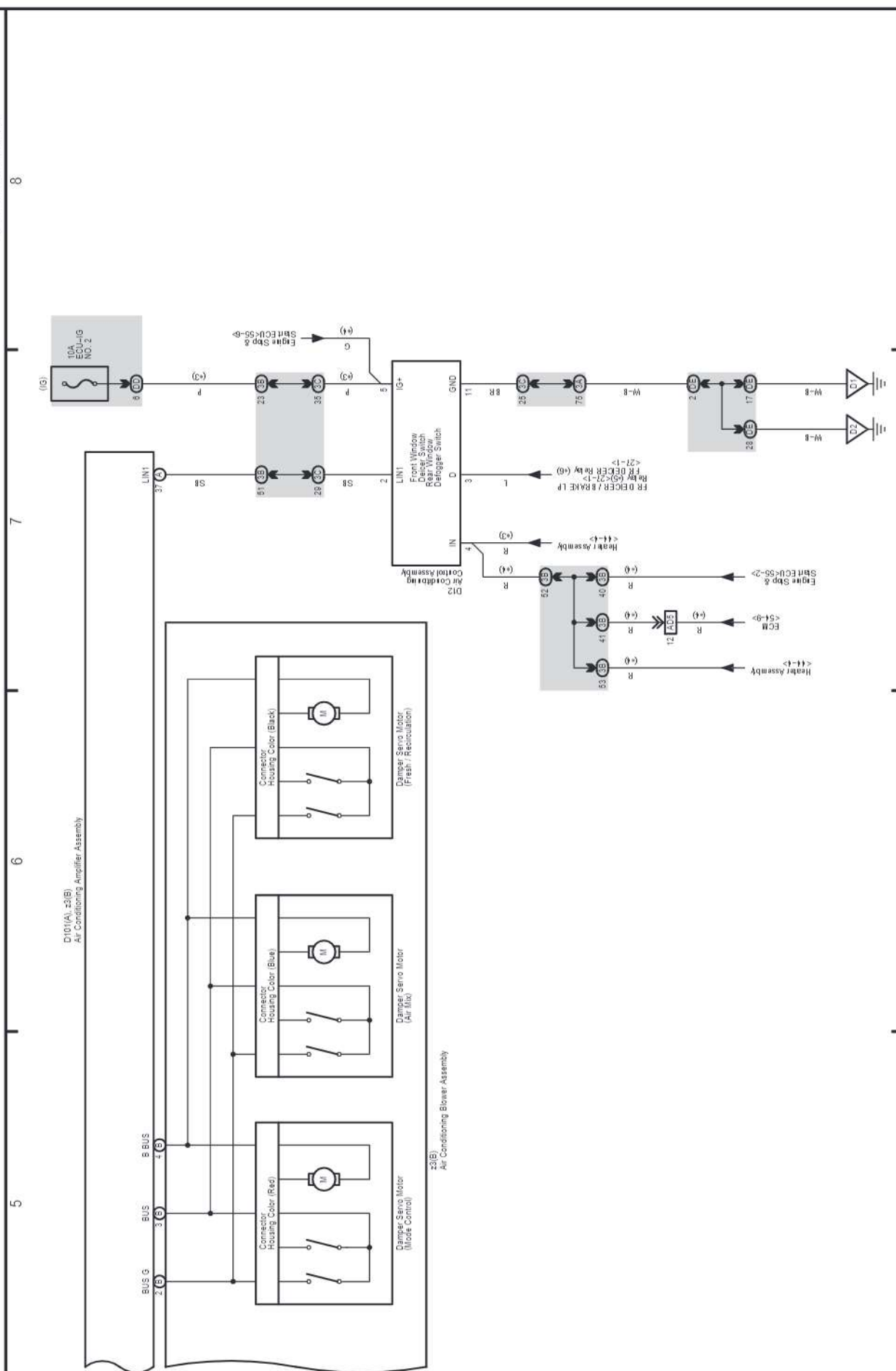
Air Conditioner (Manual A/C)

*1.: Before Jun. 2010 Production
 *2.: From Jun. 2010 Production
 *3.: Before May 2015 Production
 *4.: From May 2015 Production

*7.: Before Oct. 2016 Production
 *8.: From Oct. 2016 Production



Air Conditioner (Manual A/C)

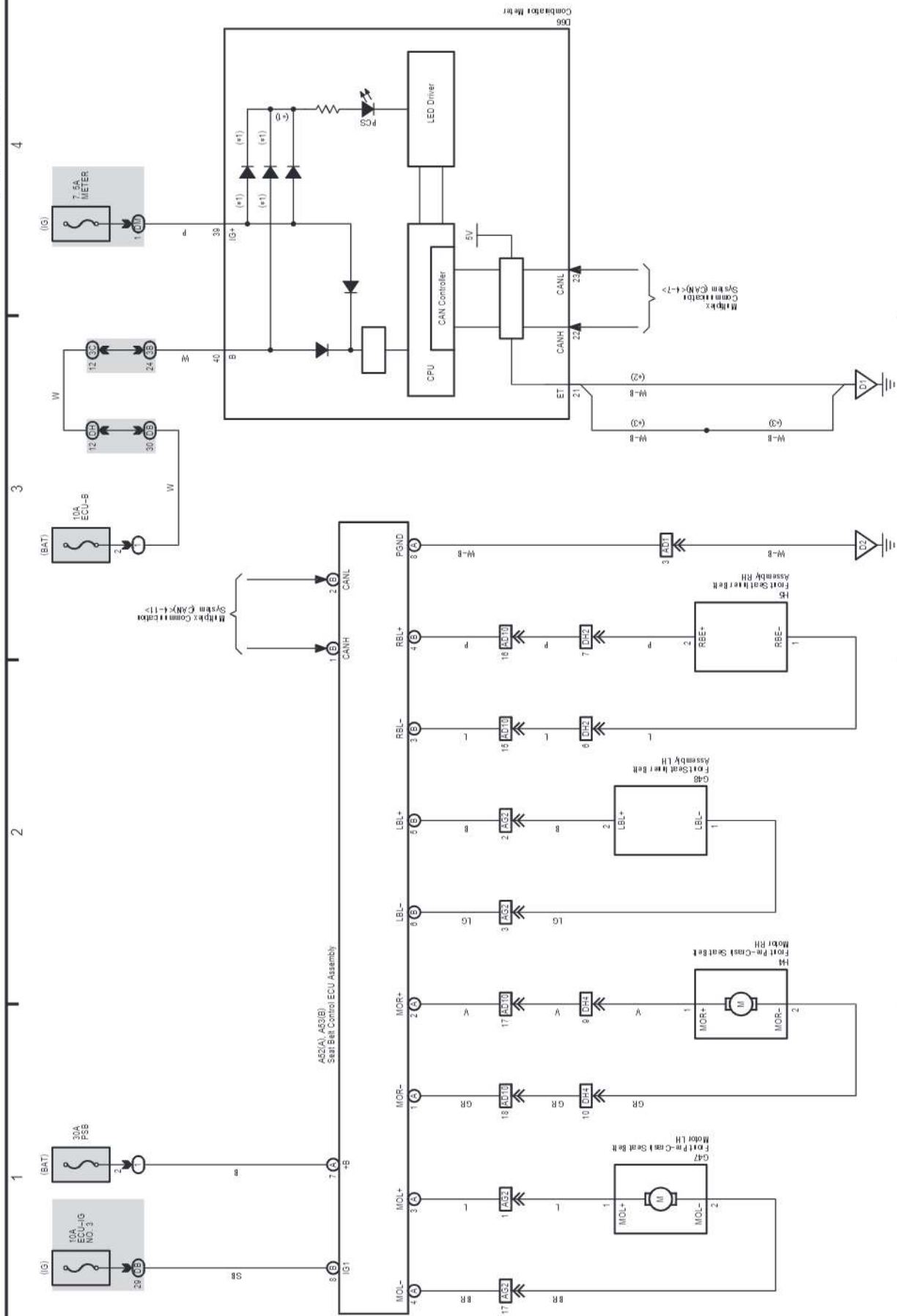


M OVERALL ELECTRICAL WIRING DIAGRAM

47 AVENSIS

Pre-Crash Safety System (LHD) (Before May 2015 Production)

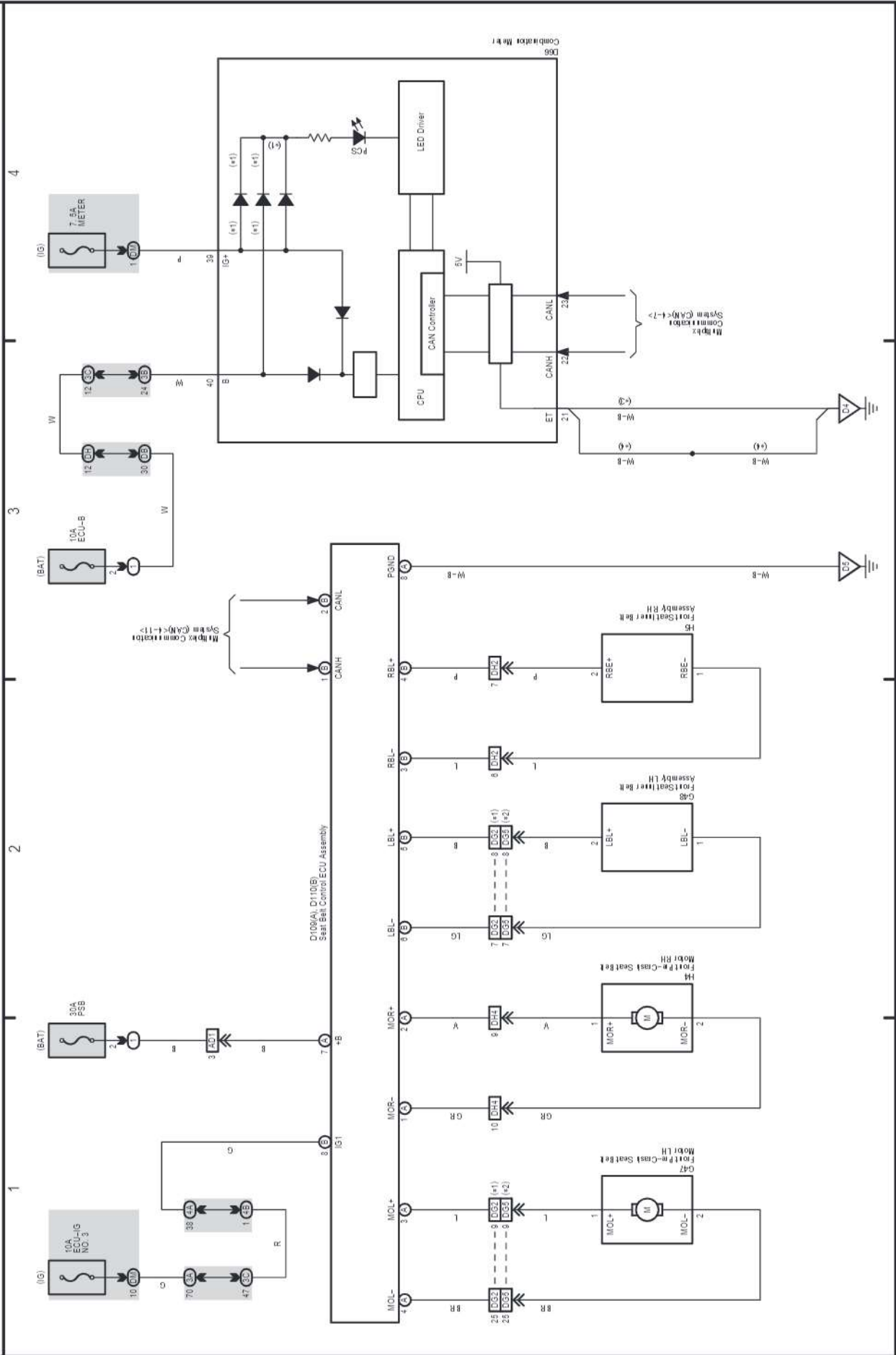
* 1 : Before Jun. 2010 Production
* 2 : Before Feb. 2014 Production
* 3 : From Feb. 2014 Production



AVENSIS (EM25H4E)

Pre-Crash Safety System (RHD) (Before May 2015 Production)

- * 1 : Before Jun. 2010 Production
- * 2 : From Jun. 2010 Production
- * 3 : Before Feb. 2014 Production
- * 4 : From Feb. 2014 Production



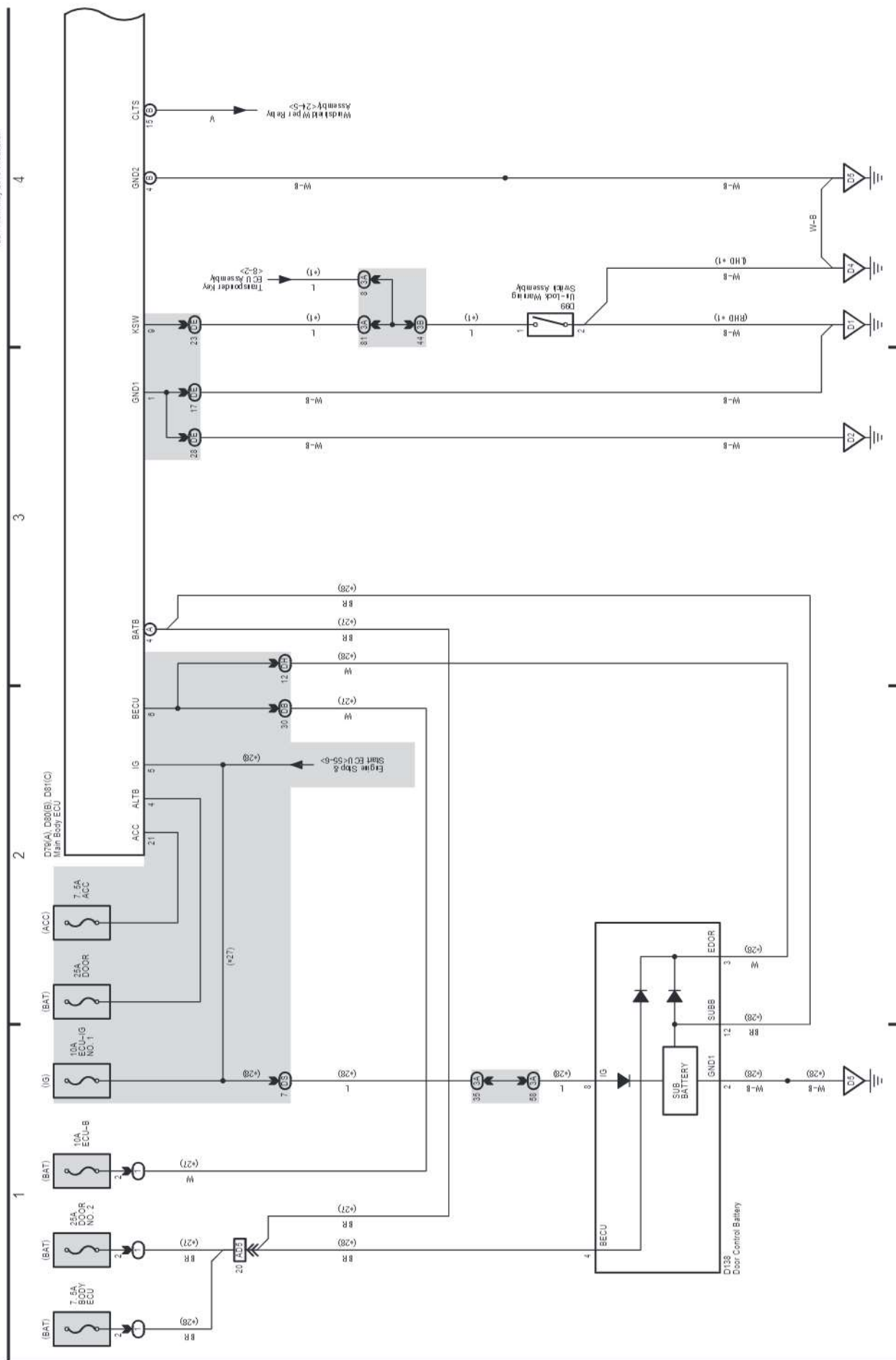
49 AVENSIS



50 AVENSIS

*1: w/o Entry & Start System
*27: Before May 2015 Production
*28: From May 2015 Production

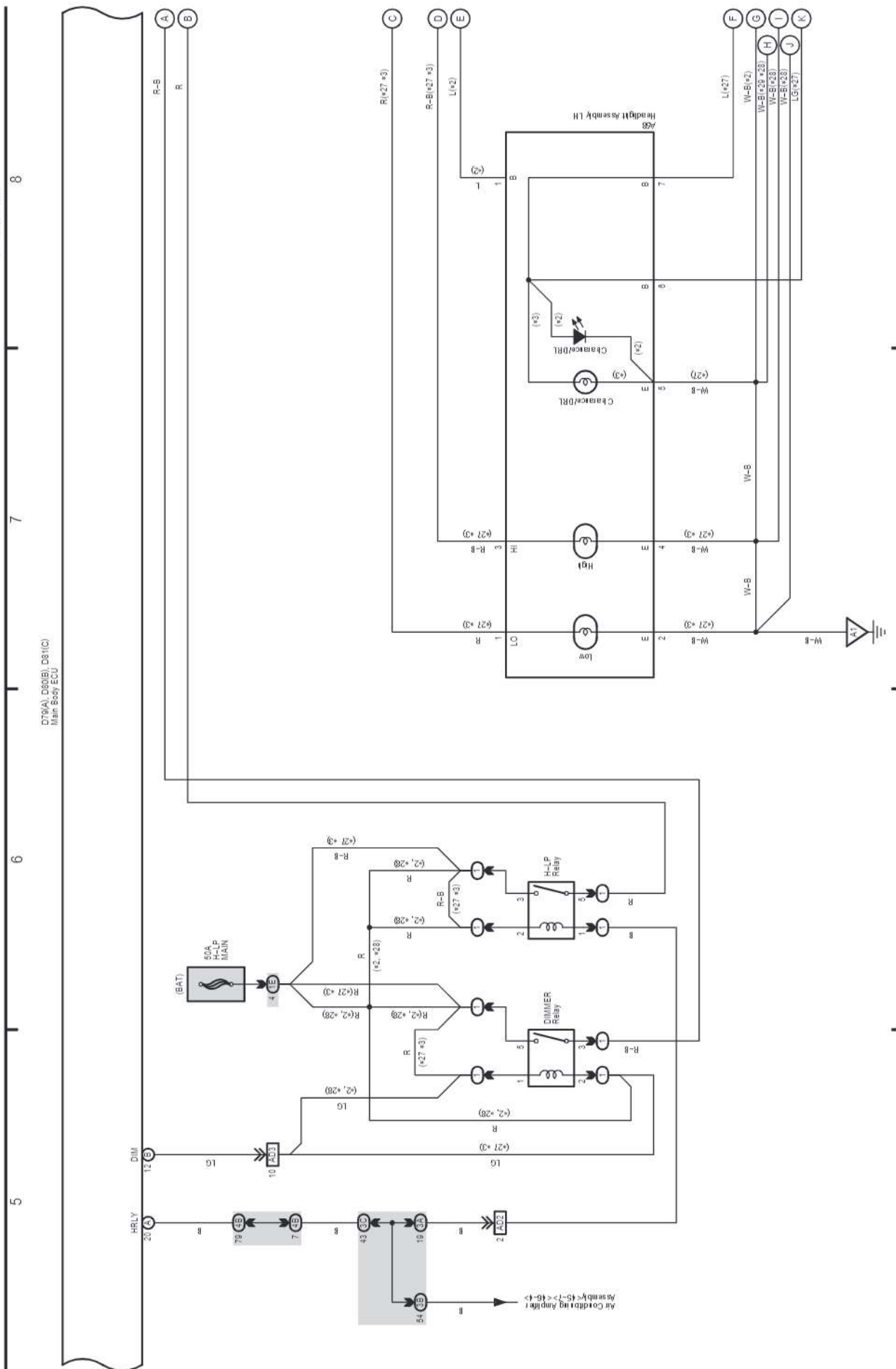
Key Reminder (w/o Entry & Start System) (From Nov. 2011 Production)



AVENSIS (EM25H4E)

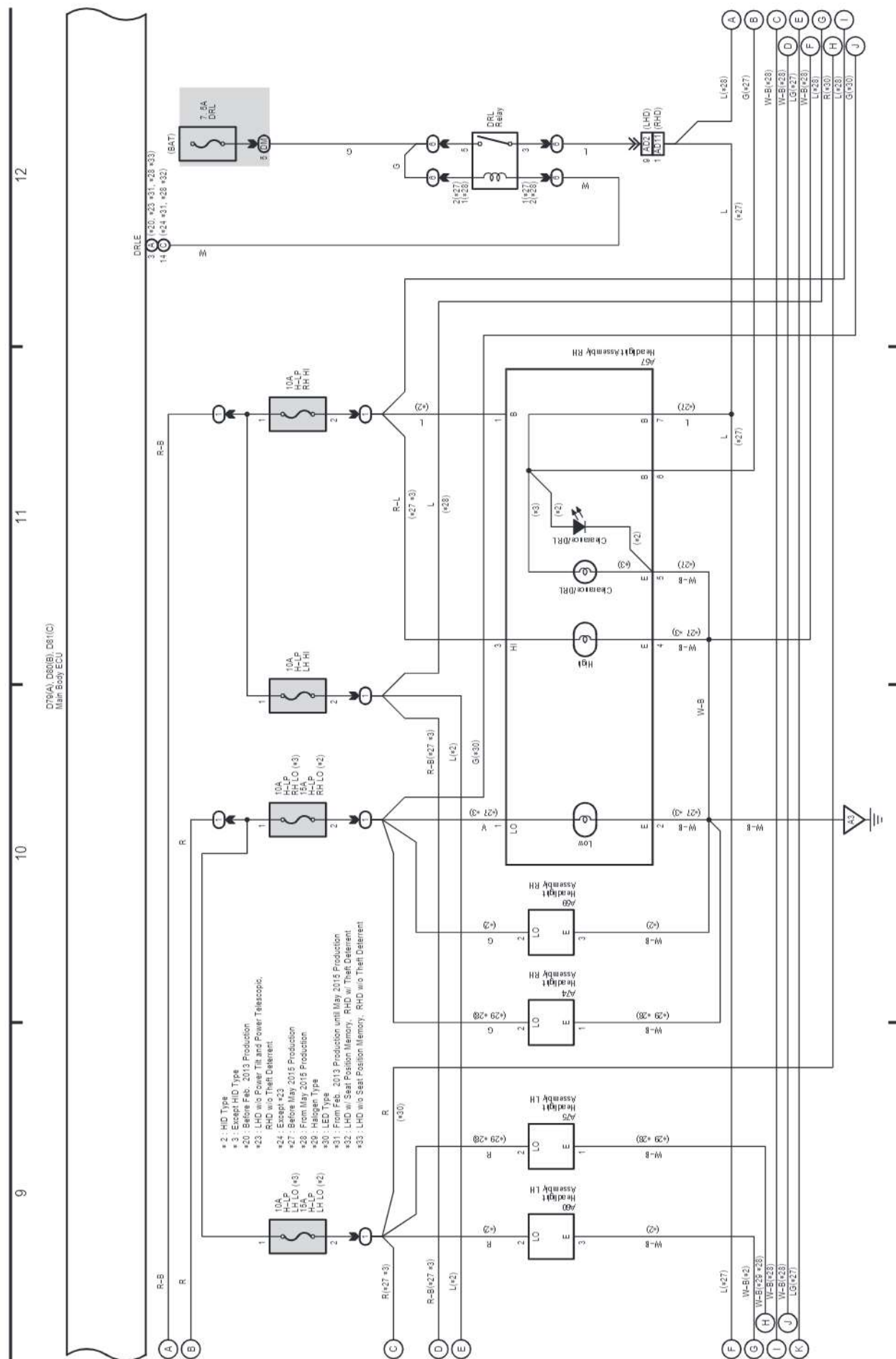
* 2 - HID Type
 * 3 - Except HID Type
 *27 - Before May 2015 Production
 *28 - From May 2015 Production
 *29 - Halogen Type

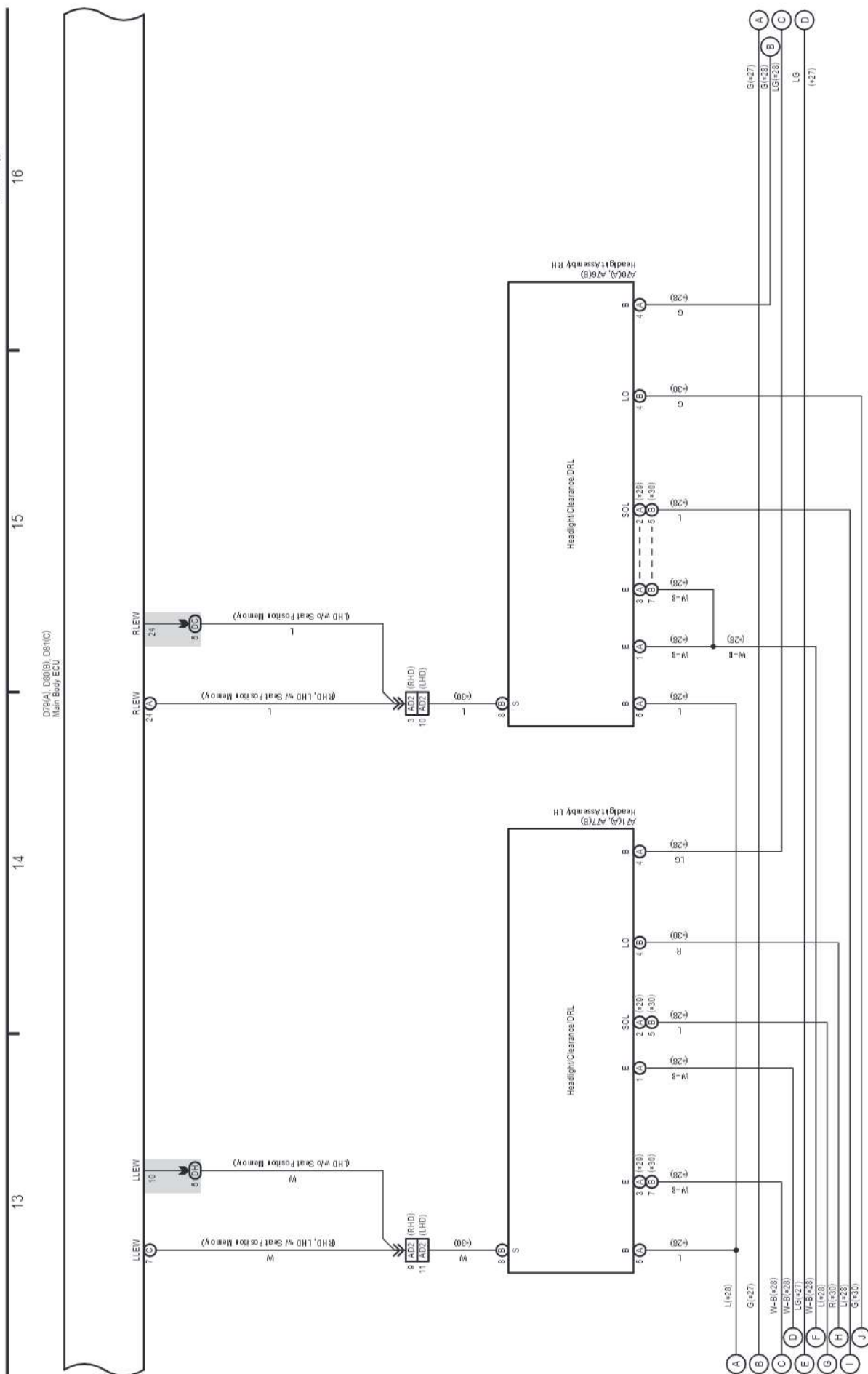
Headlight (From Nov. 2011 Production)



M OVERALL ELECTRICAL WIRING DIAGRAM

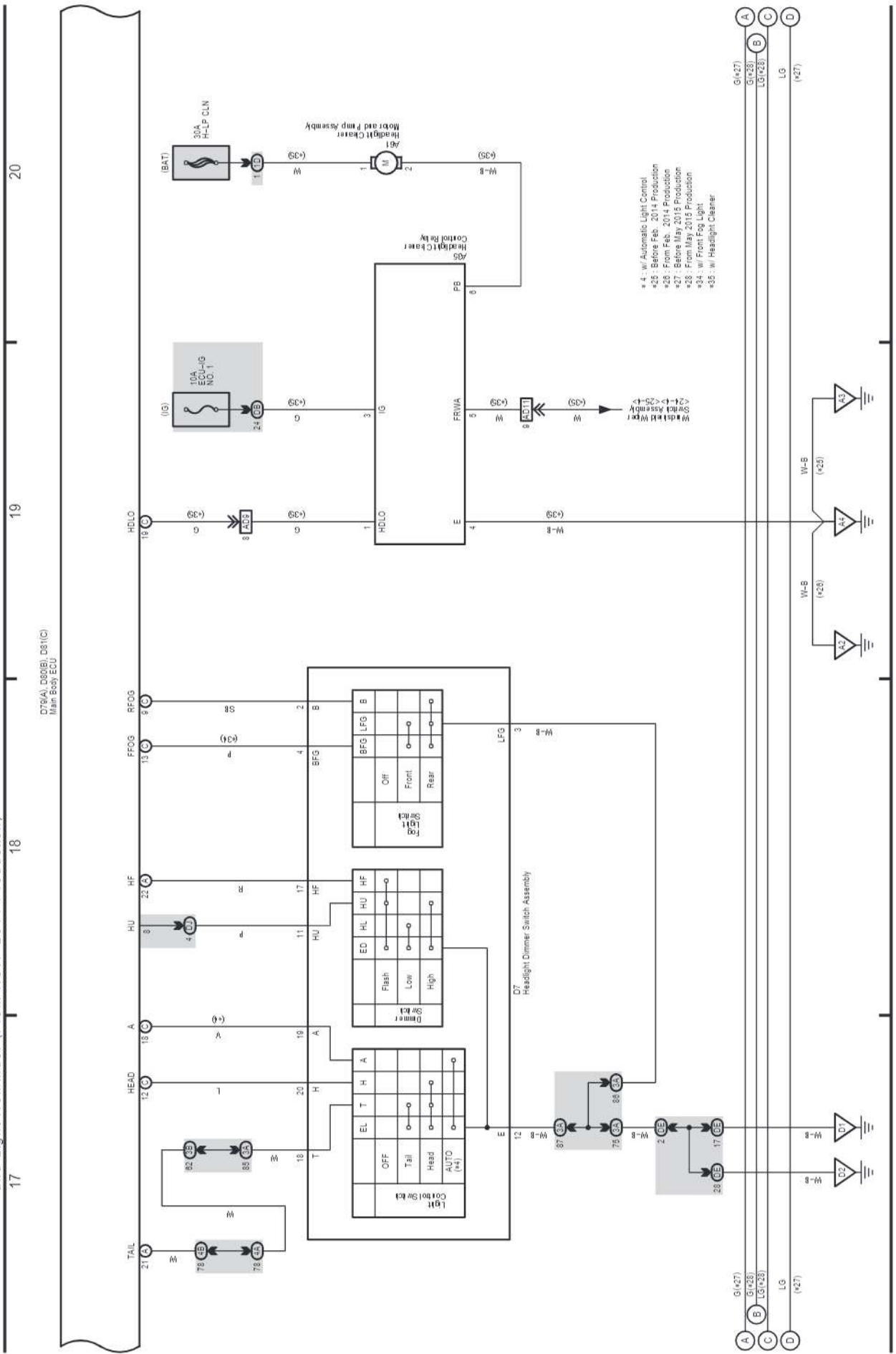
Headlight (From Nov. 2011 Production)



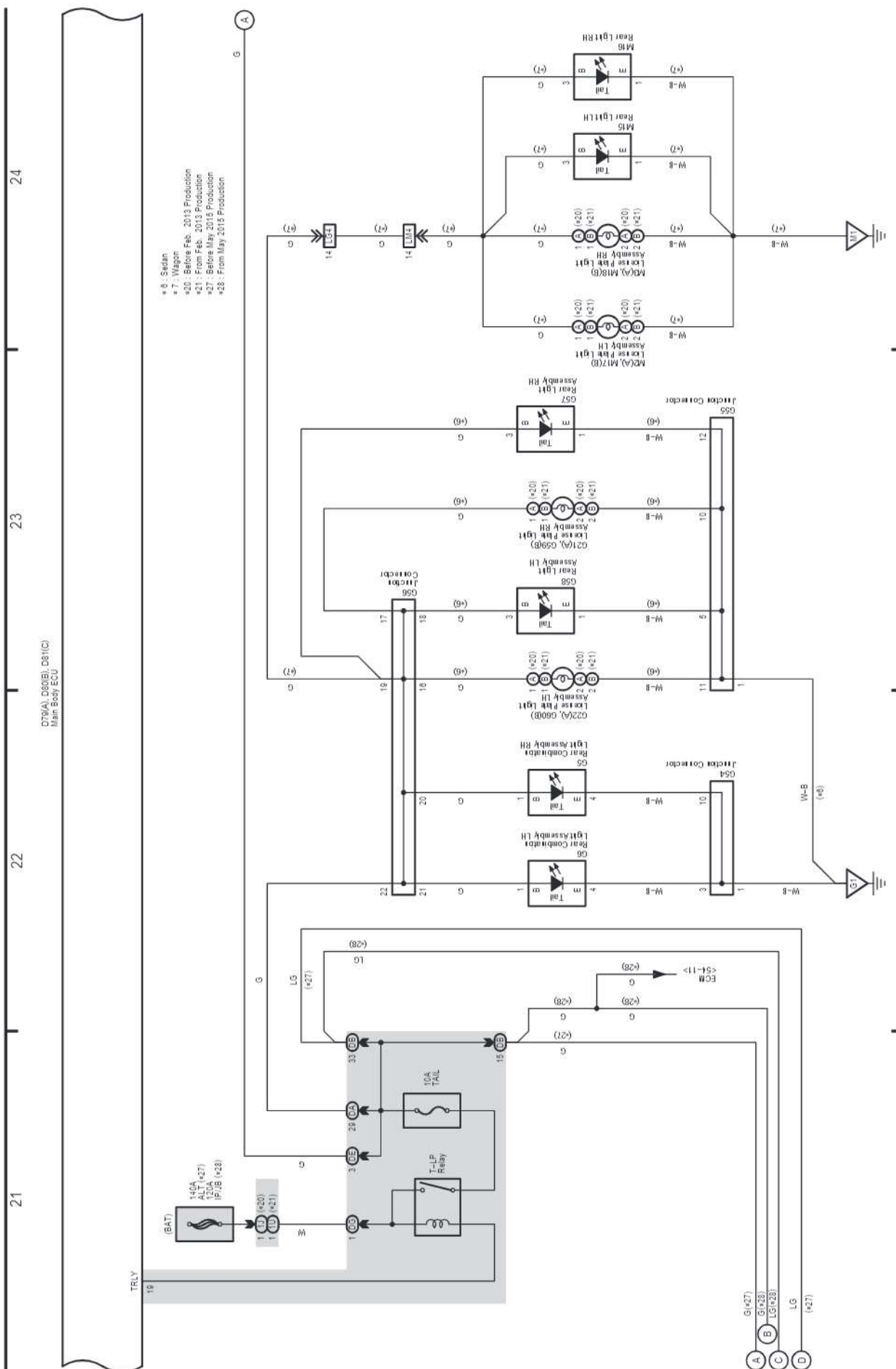


Automatic Light Control (From Nov. 2011 Production),
Light Auto Turn Off System (From Nov. 2011 Production)
and Light Reminder (From Nov. 2011 Production)

Headlight Cleaner
(From Nov. 2011 Production)

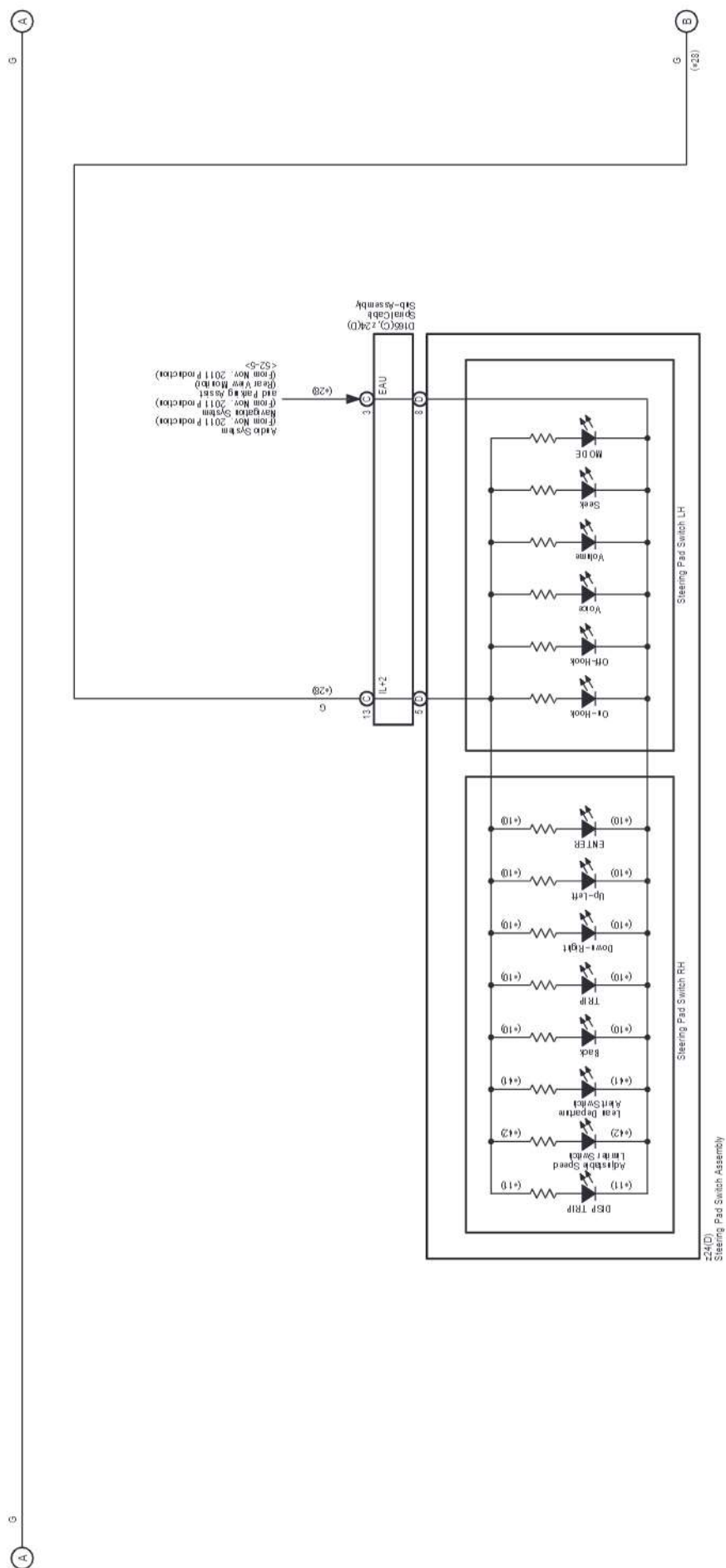


Taillight (From Nov. 2011 Production)



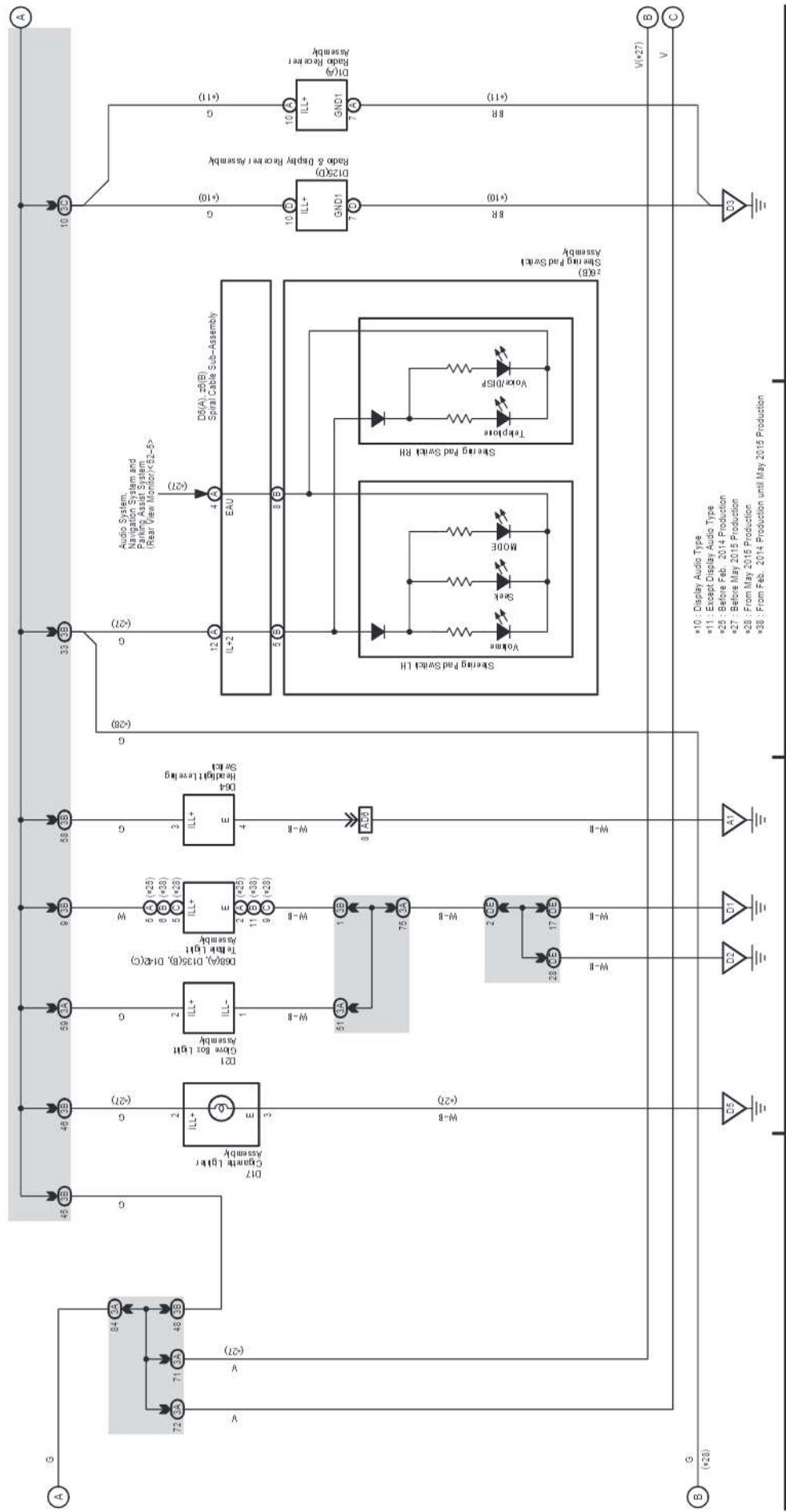
M OVERALL ELECTRICAL WIRING DIAGRAM

Illumination (From Nov. 2011 Production)

D79(A), D80(B), D81(C)
Main Body ECU

Illumination (From Nov. 2011 Production)

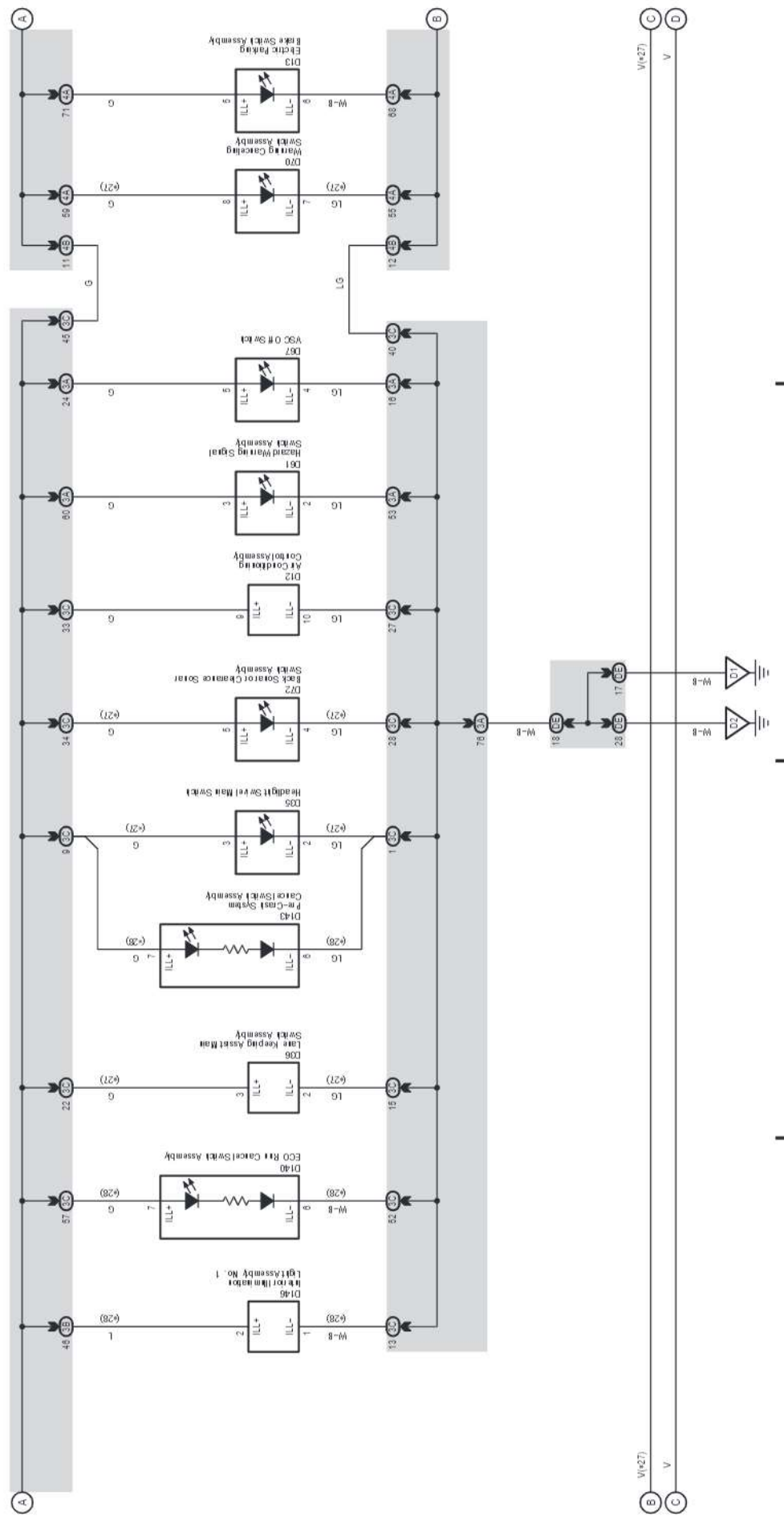
D79(A), D80(B), D81(C)
Main Body ECU



Illumination (From Nov. 2011 Production)

*27 : Before May 2015 Production
*28 : From May 2015 Production

D79(A), D80(B), D81(C)
Main Body ECU



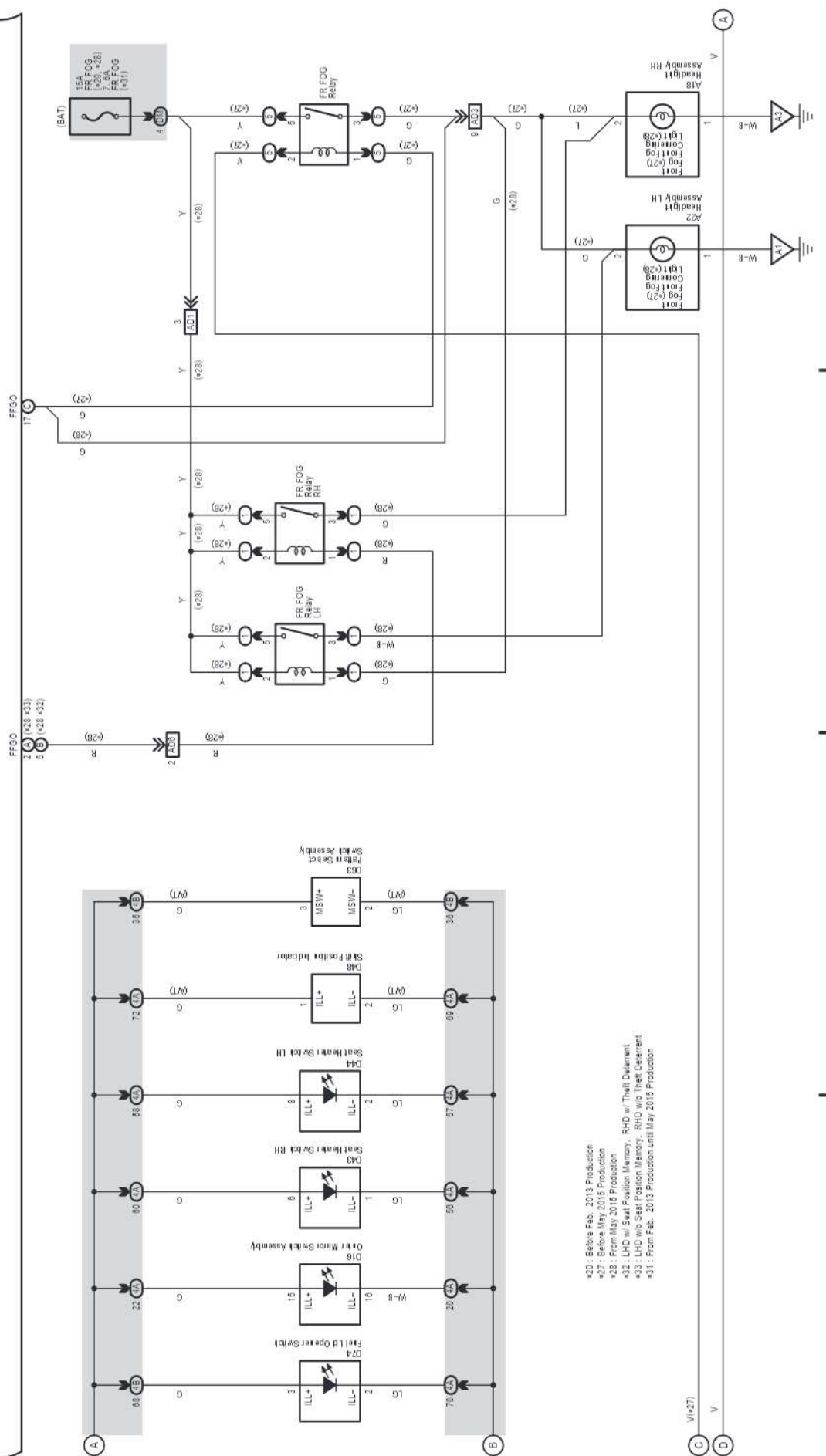
Illumination
(From Nov. 2011 Production)

37

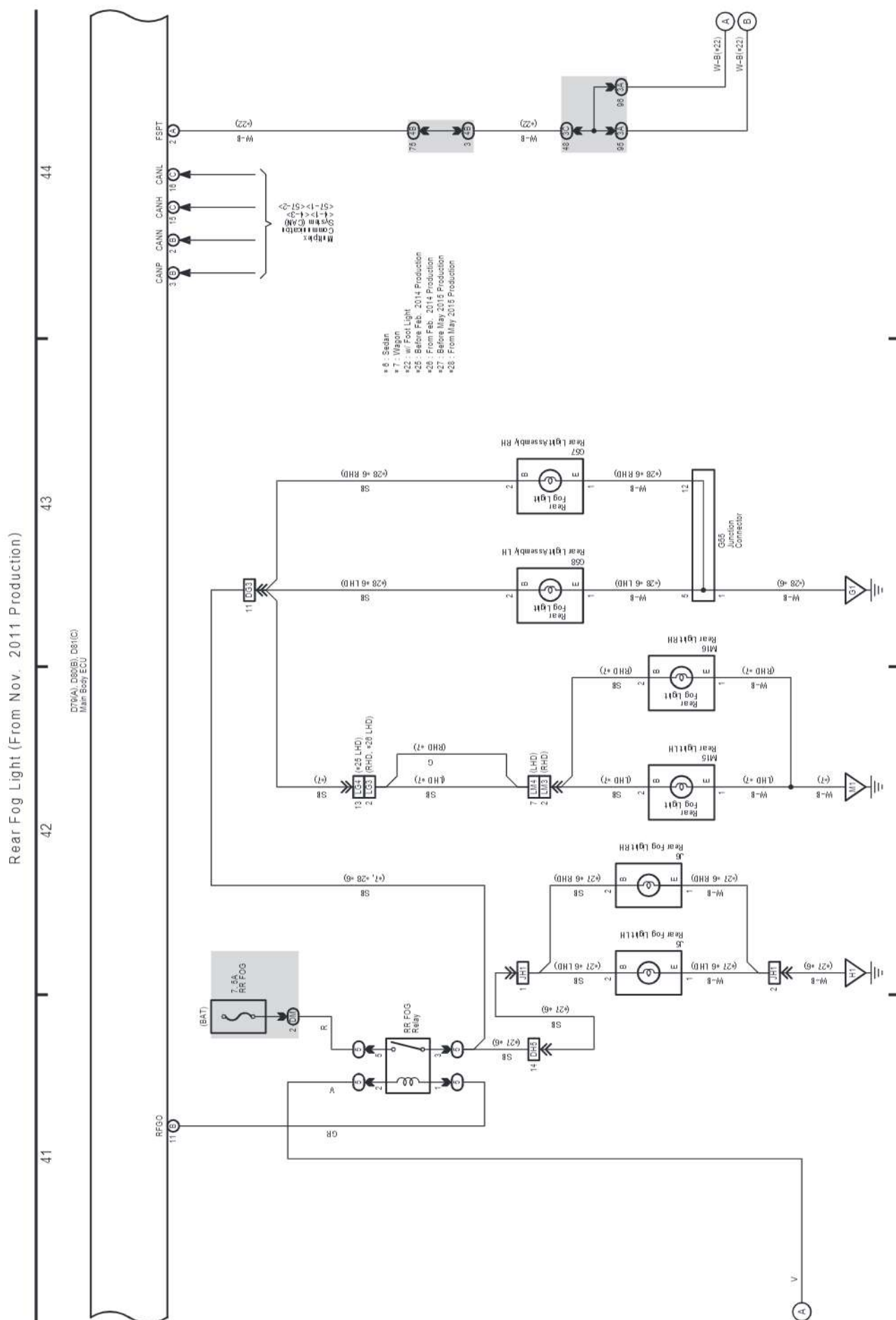
38

39

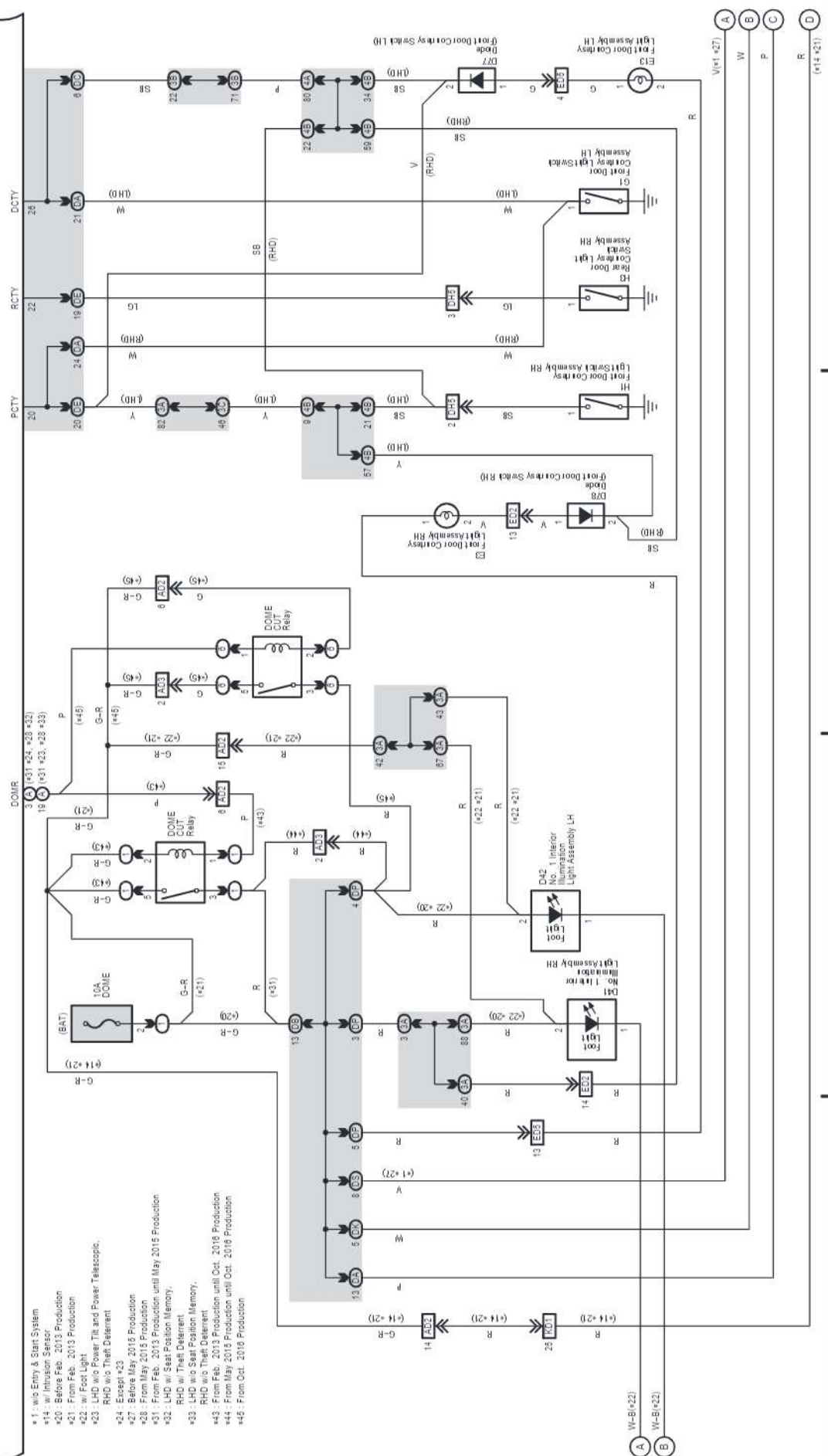
40

D79(A), D80(B), D81(C)
Main Body ECU

AVENSIS (EM25H4E)

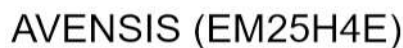


48

D79(A), D80(B), D81(C)
Main Body ECU

[Cont. next page)

(Cont. next page)



Interior Light
(From Nov. 2011 Production)

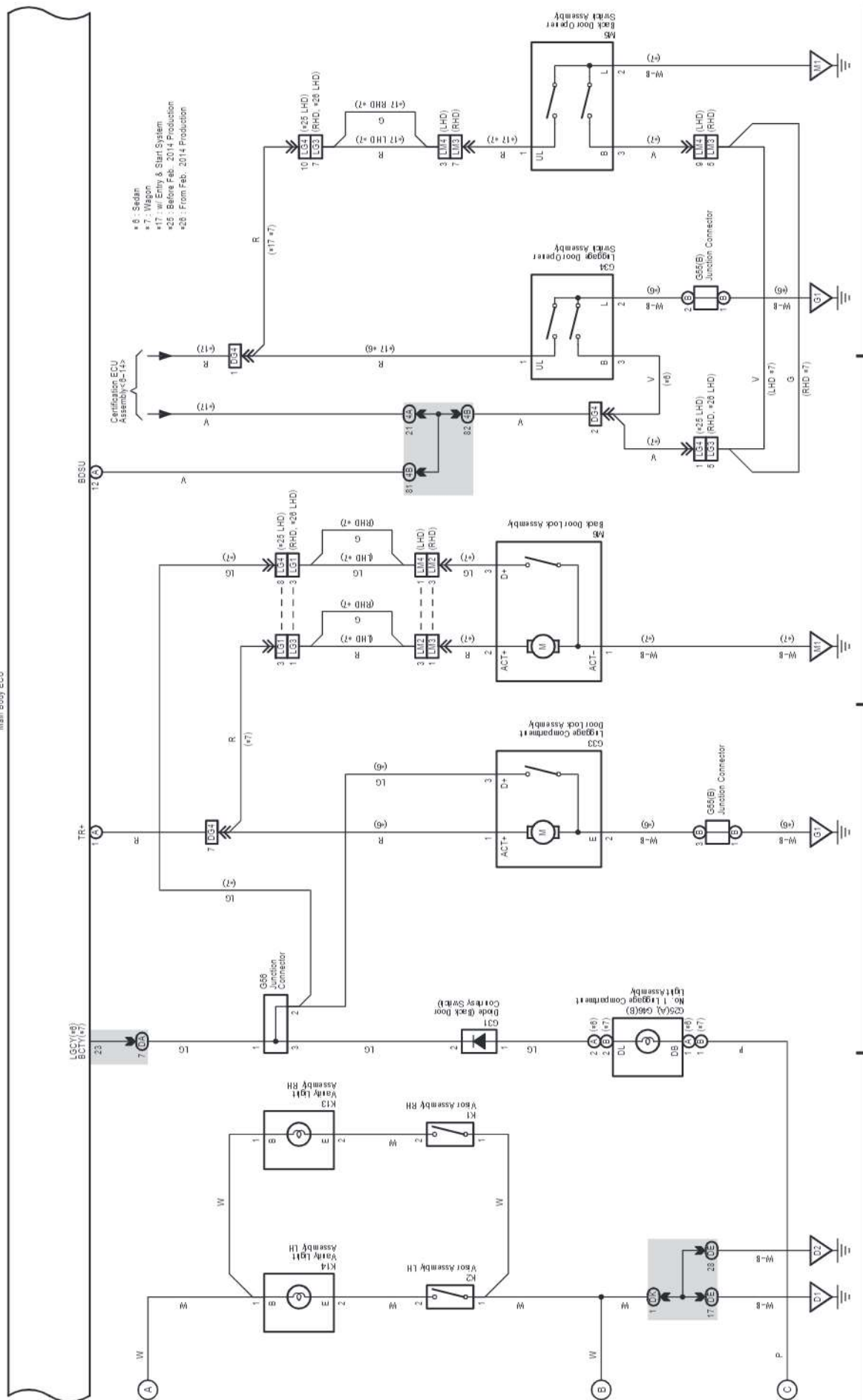
Back Door Opener (From Nov. 2011 Production)

53

54

55

56

D79(A), D80(B), D81(C)
Main Body ECU

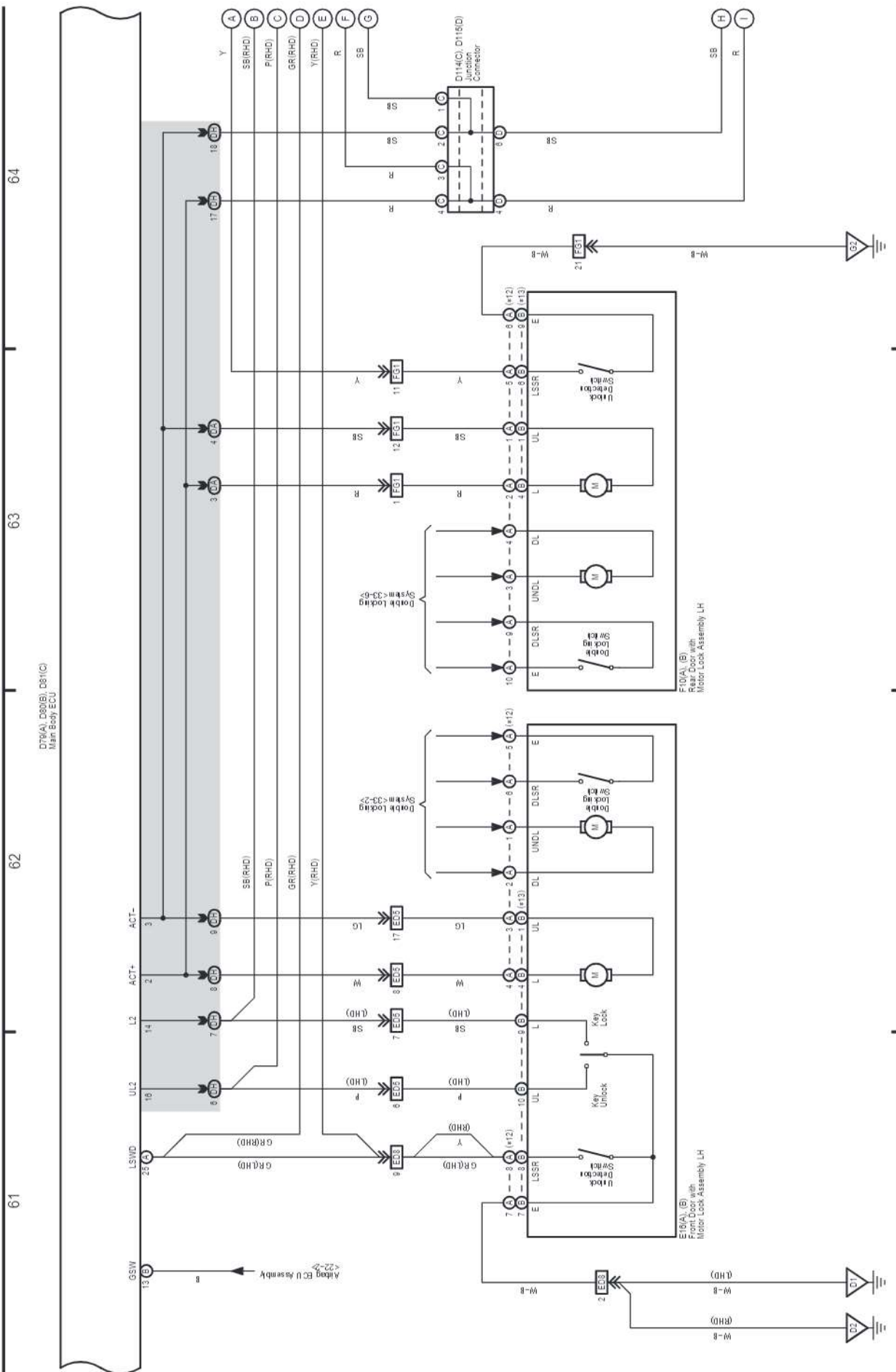
[Cont. next page)

(Cont. next page)



Door Lock Control (From Nov. 2011 Production)

*12 - w/ Double Locking
 *13 - w/o Double Locking



M OVERALL ELECTRICAL WIRING DIAGRAM

Door Lock Control (From Nov. 2011 Production)

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

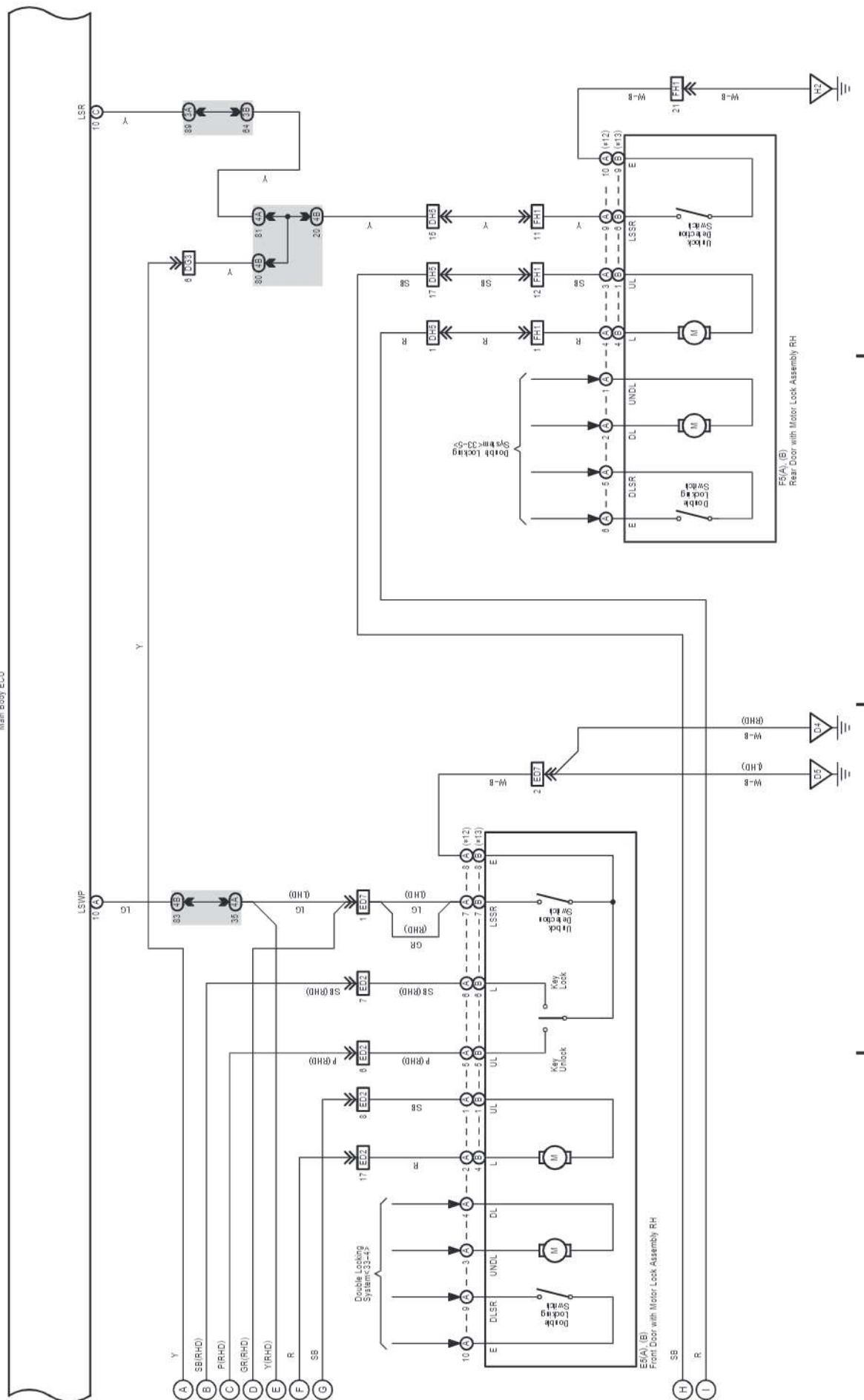
D79(A), D80(B), D81(C)
Main Body ECU

68

67

66

65



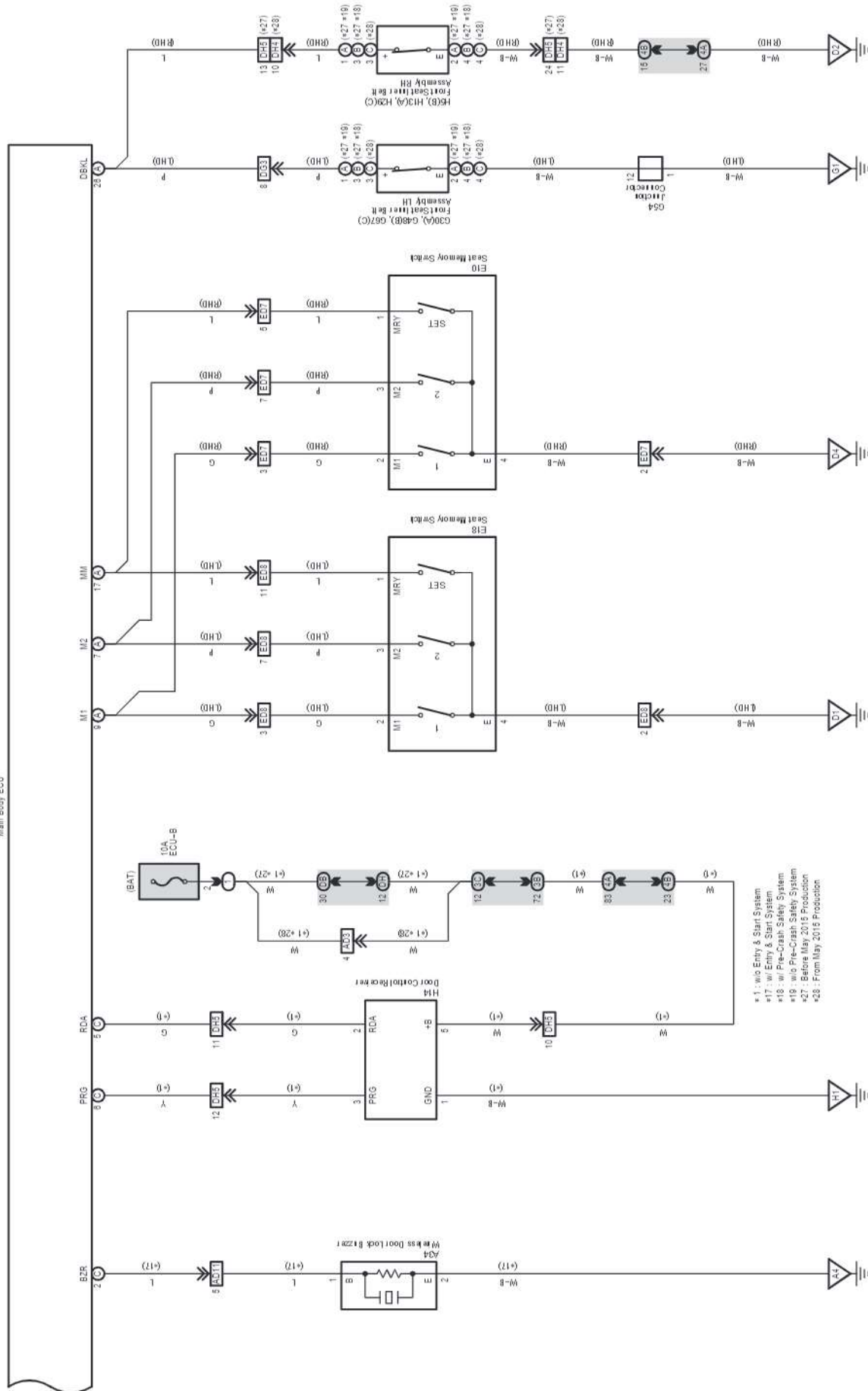
72

71

70

69

D79(A), D80(B), D81(C)
Main Body ECU



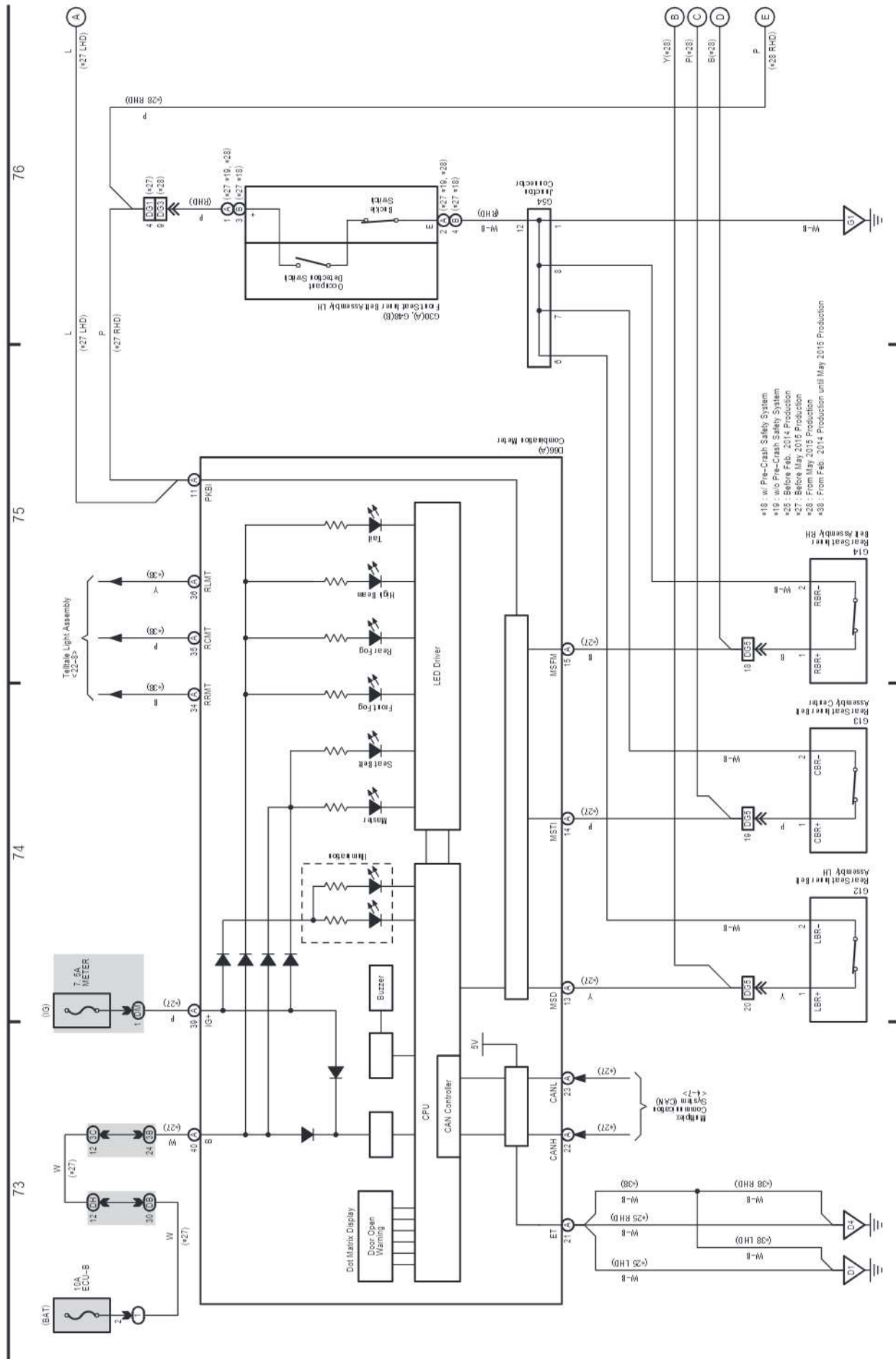
*1 : w/o Entry & Start System
*17 : w/ Entry & Start System
*18 : w/ Pre-Crash Safety System
*19 : w/o Pre-Crash Safety System
*27 : Before May 2015 Production
*28 : From May 2015 Production

M OVERALL ELECTRICAL WIRING DIAGRAM

50 AVENSIS (Cont' d)

(Cont. next page)

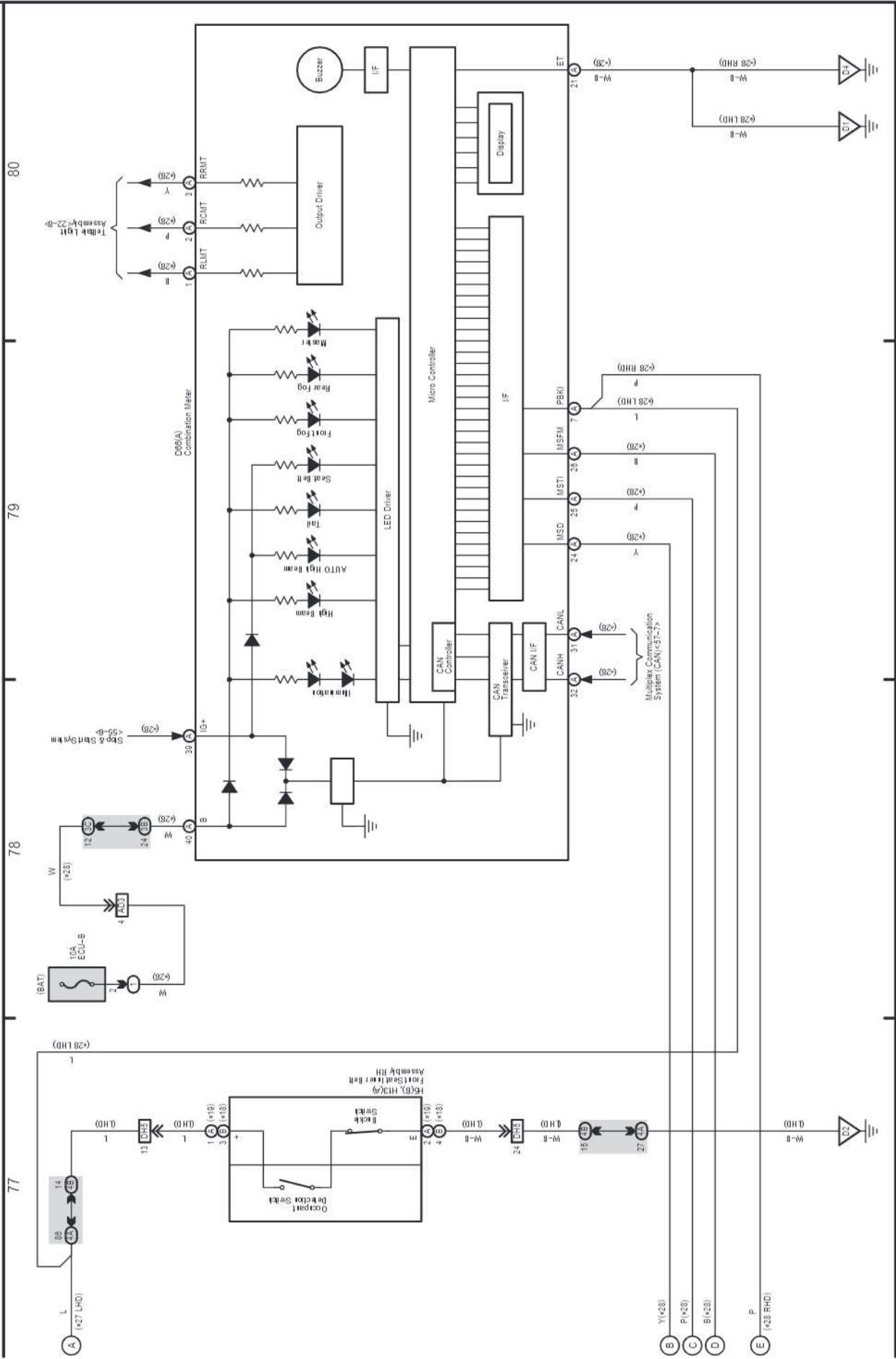
Seat Belt Warning (From Nov. 2011 Production)



AVENSIS (EM25H4E)

Seat Belt Warning (From Nov. 2011 Production)

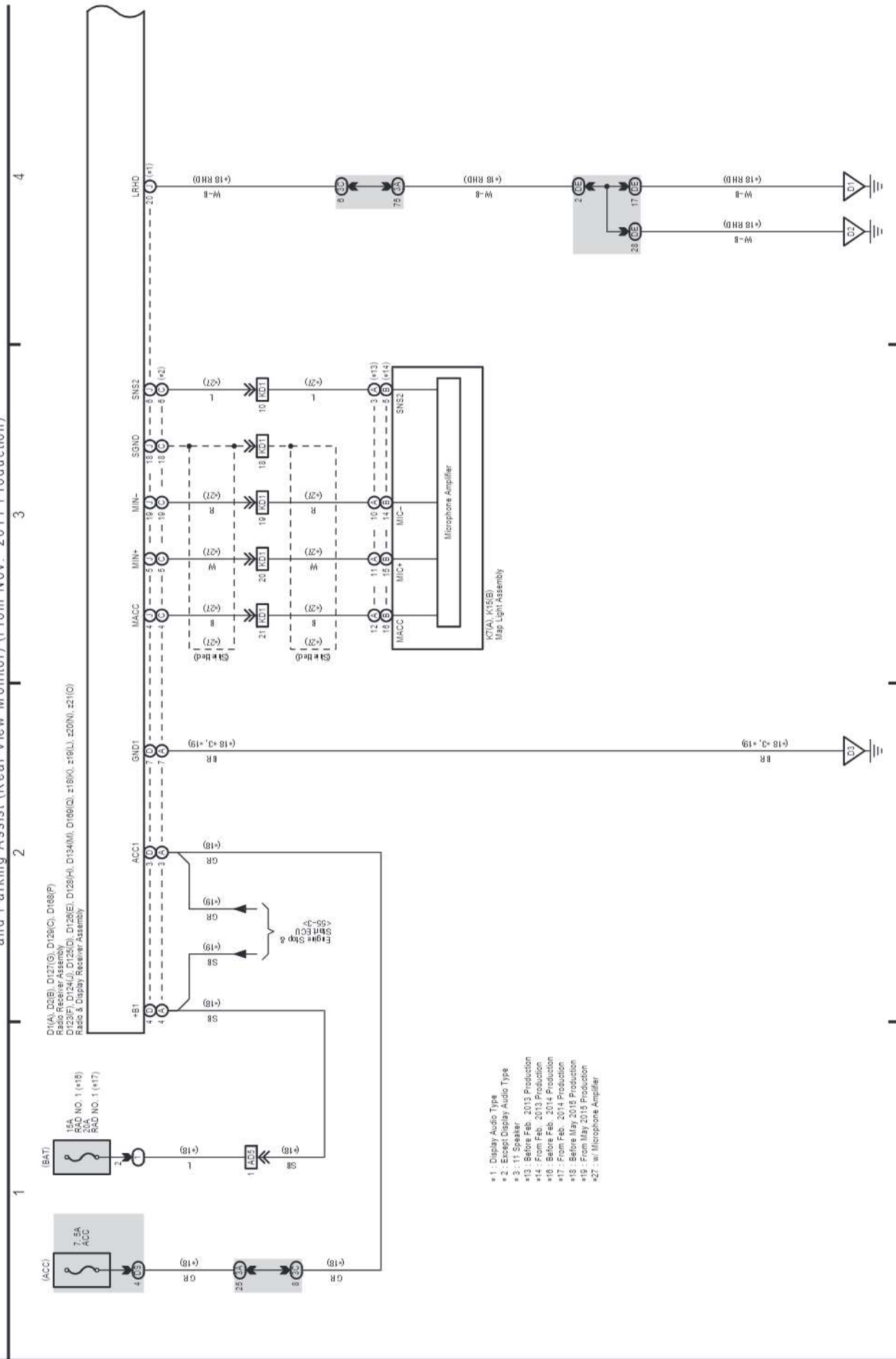
*18 : w/ Pre-Crash Safety System
 *19 : w/o Pre-Crash Safety System
 *27 : Before May 2015 Production
 *28 : From May 2015 Production



51 AVENSIS

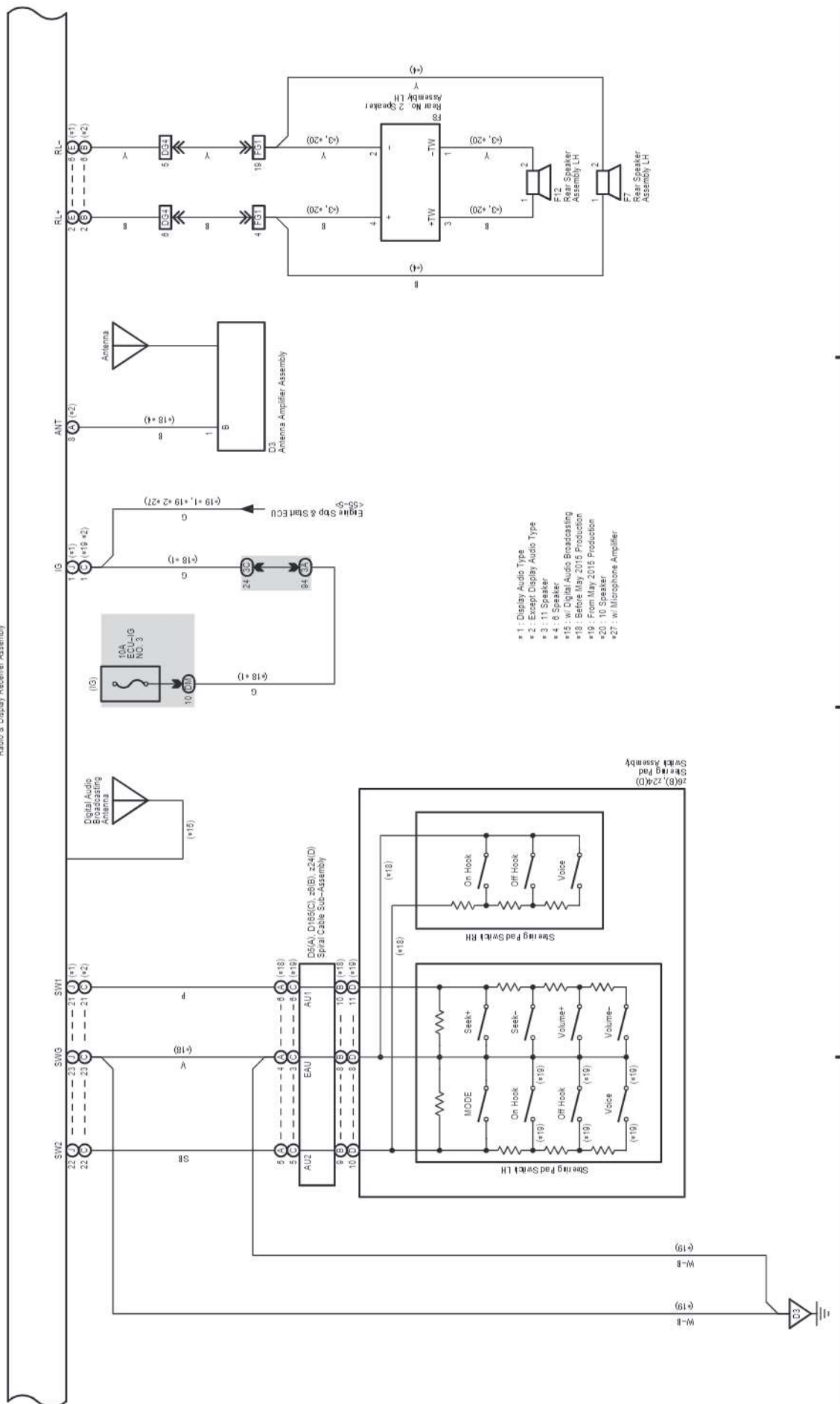


Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)

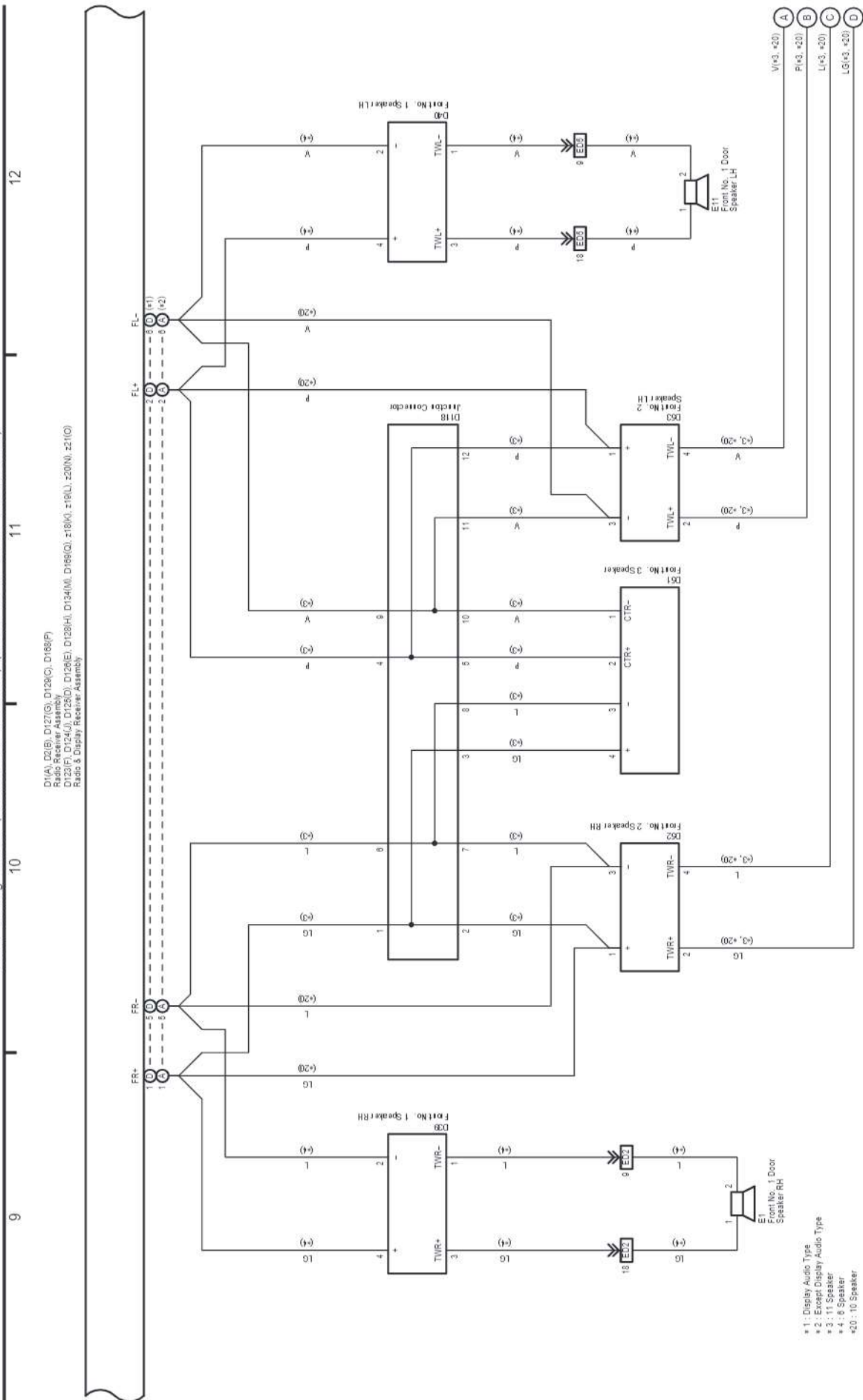


Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)

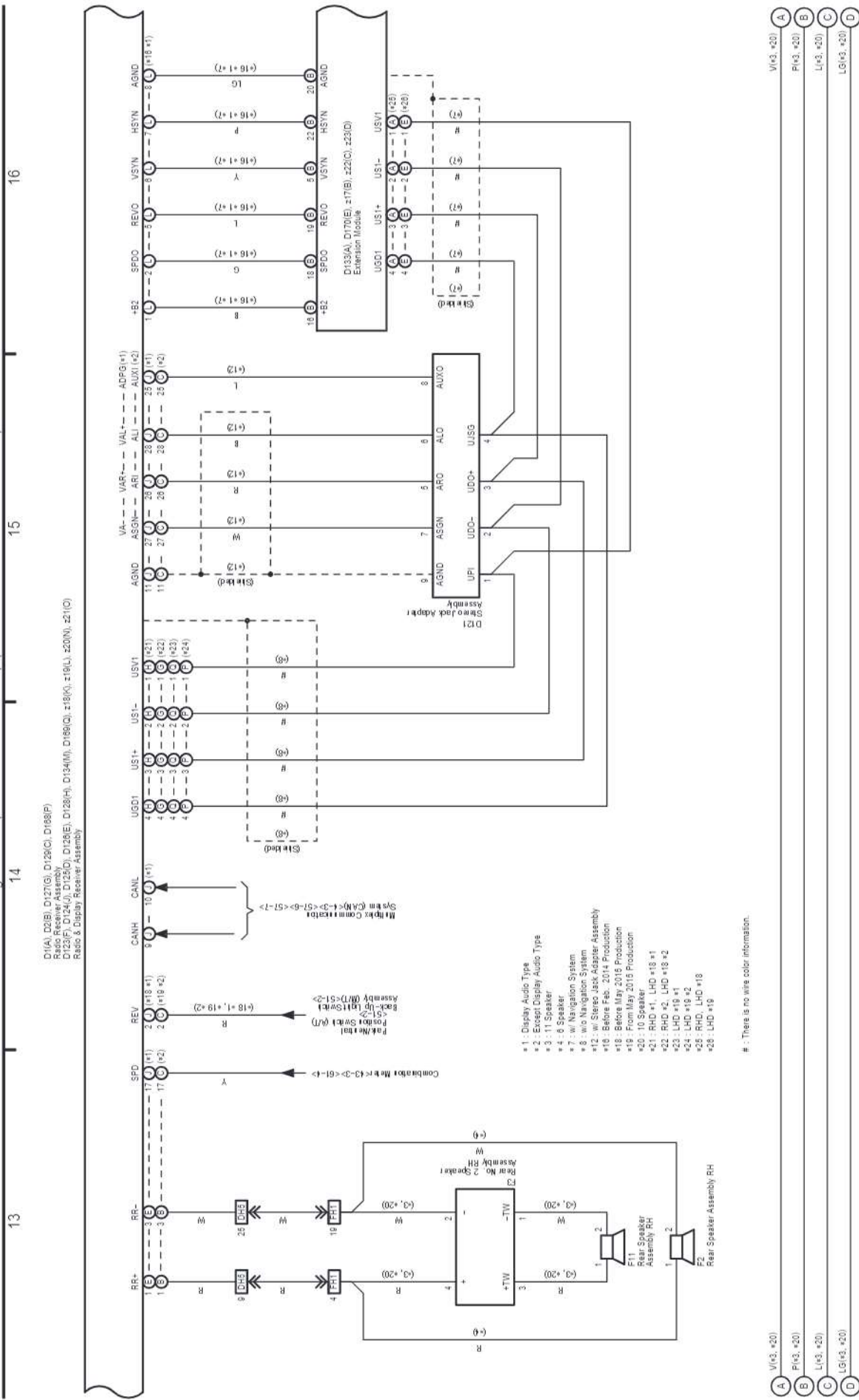
D1(A), D3(B), D127(G), D129(C), D188(F)
Radio Receiver Assembly
D123(F), D124(J), D125(D), D126(E), D128(H), D134(M), D166(Q), z18(K), z19(L), z20(N), z21(O)
Radio & Display Receiver Assembly



Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)



Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)

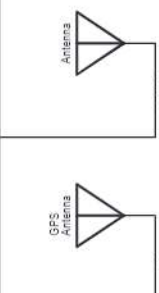
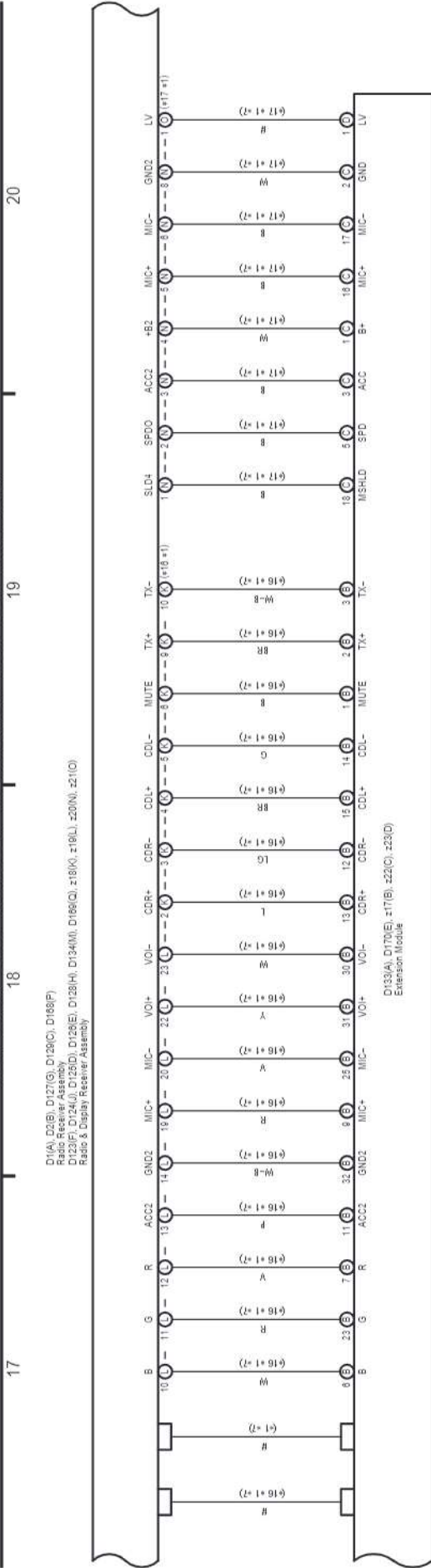


M OVERALL ELECTRICAL WIRING DIAGRAM

52 AVENSIS (Cont' d)

(Cont. next page)

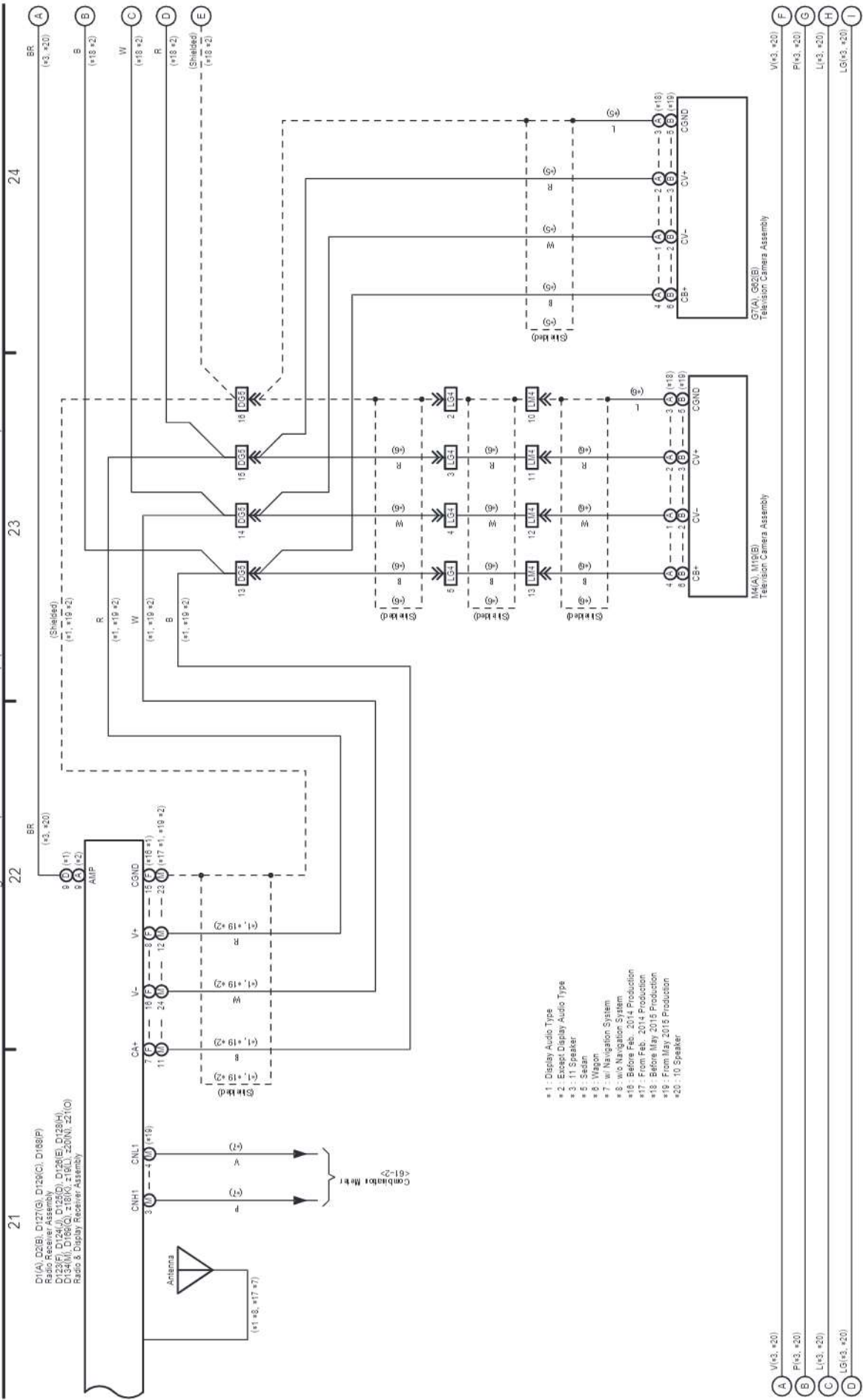
Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)



* 1 : Display Audio Type
* 3 : 11 Speaker
* 7 : w/ Navigation System
* 16 : Before Feb. 2014 Production
* 17 : From Feb. 2014 Production
* 20 : 10 Speaker
: There is no wire color information.

V(+3, +20)	A
P(+3, +20)	B
L(+3, +20)	C
LG(+3, +20)	D

Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)

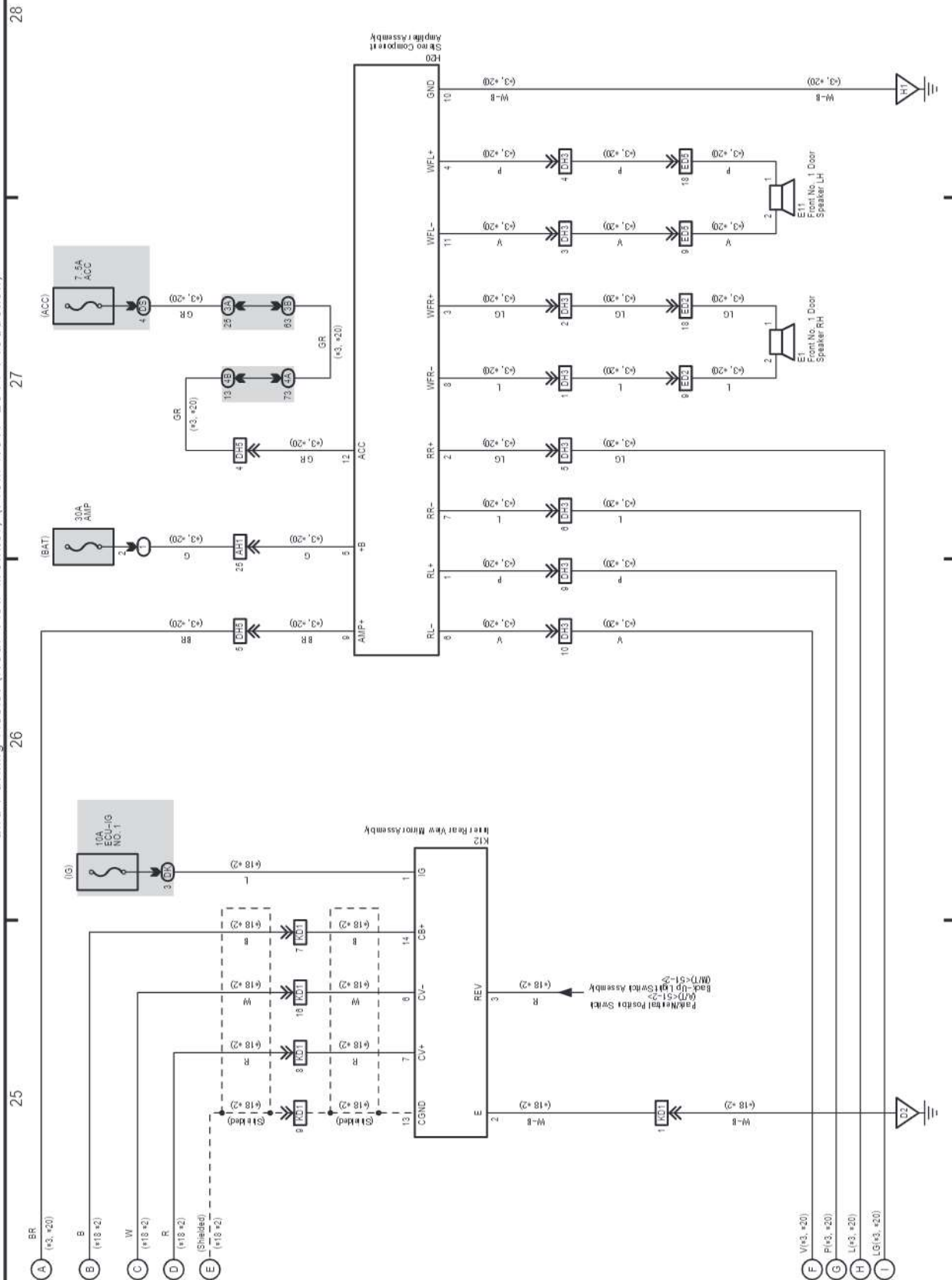


M OVERALL ELECTRICAL WIRING DIAGRAM

52 AVENSIS (Cont' d)

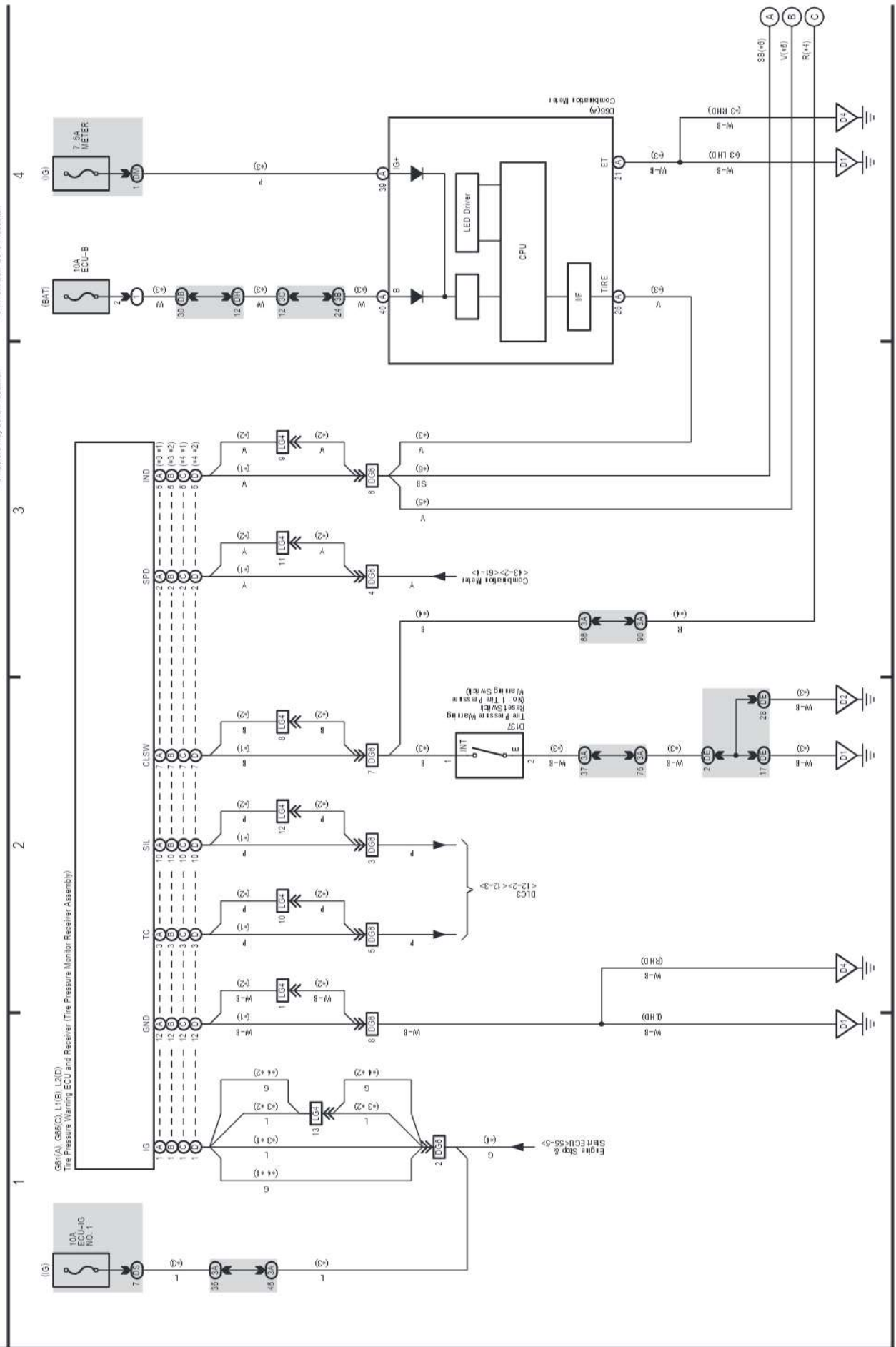
Audio System (From Nov. 2011 Production),
Navigation System (From Nov. 2011 Production)
and Parking Assist (Rear View Monitor) (From Nov. 2011 Production)

* 2 : Except Display Audio Type
* 3 : 11 Speaker
* 18 : Before May 2016 Production
* 20 : 10 Speaker

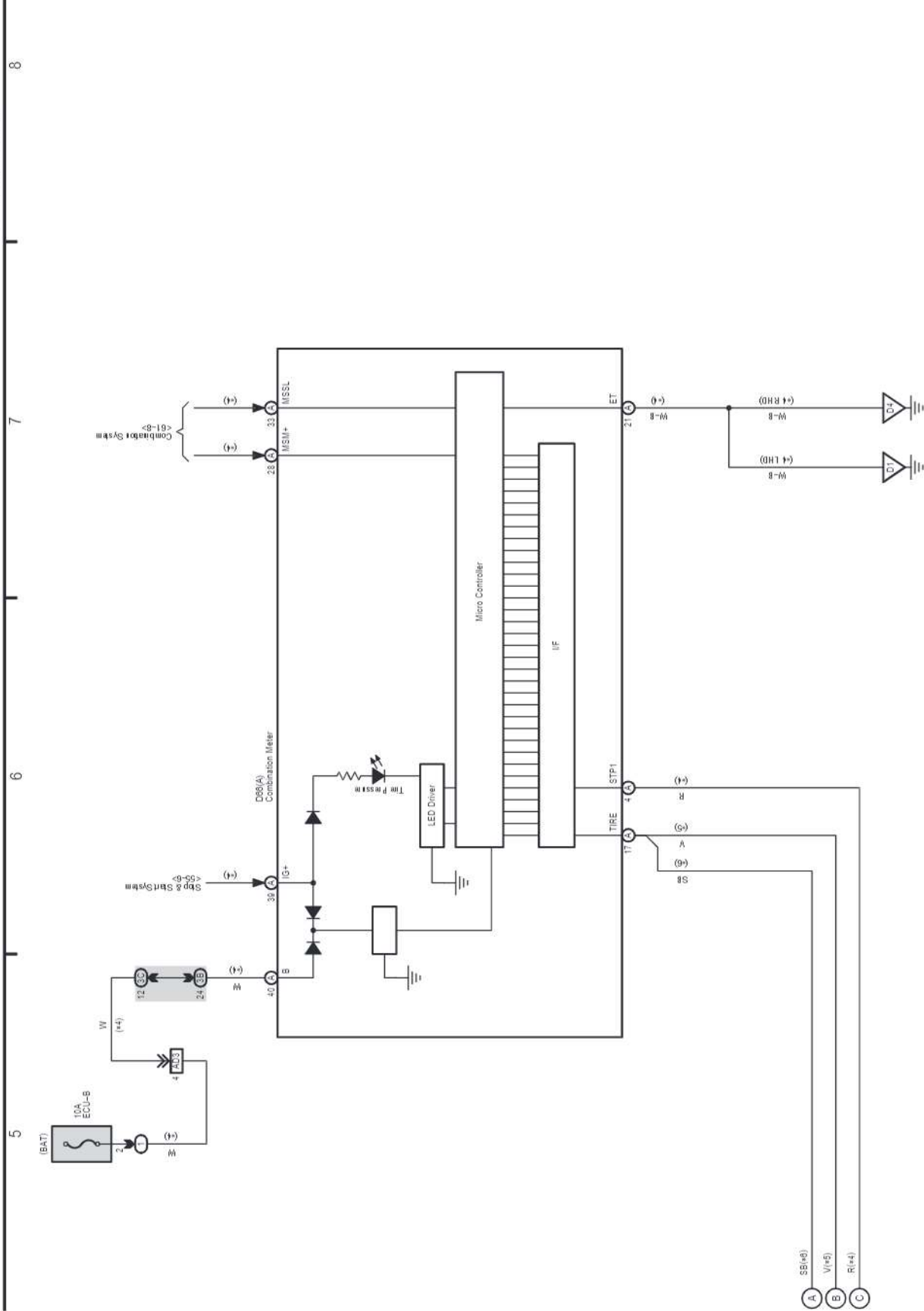


Tire Pressure Warning System

- * 1 : Sedan
 * 2 : Wagon
 * 3 : Before May 2015 Production
 * 4 : From May 2015 Production
 * 5 : From May 2015 Production until Oct. 2015 Production
 * 6 : From Oct. 2015 Production



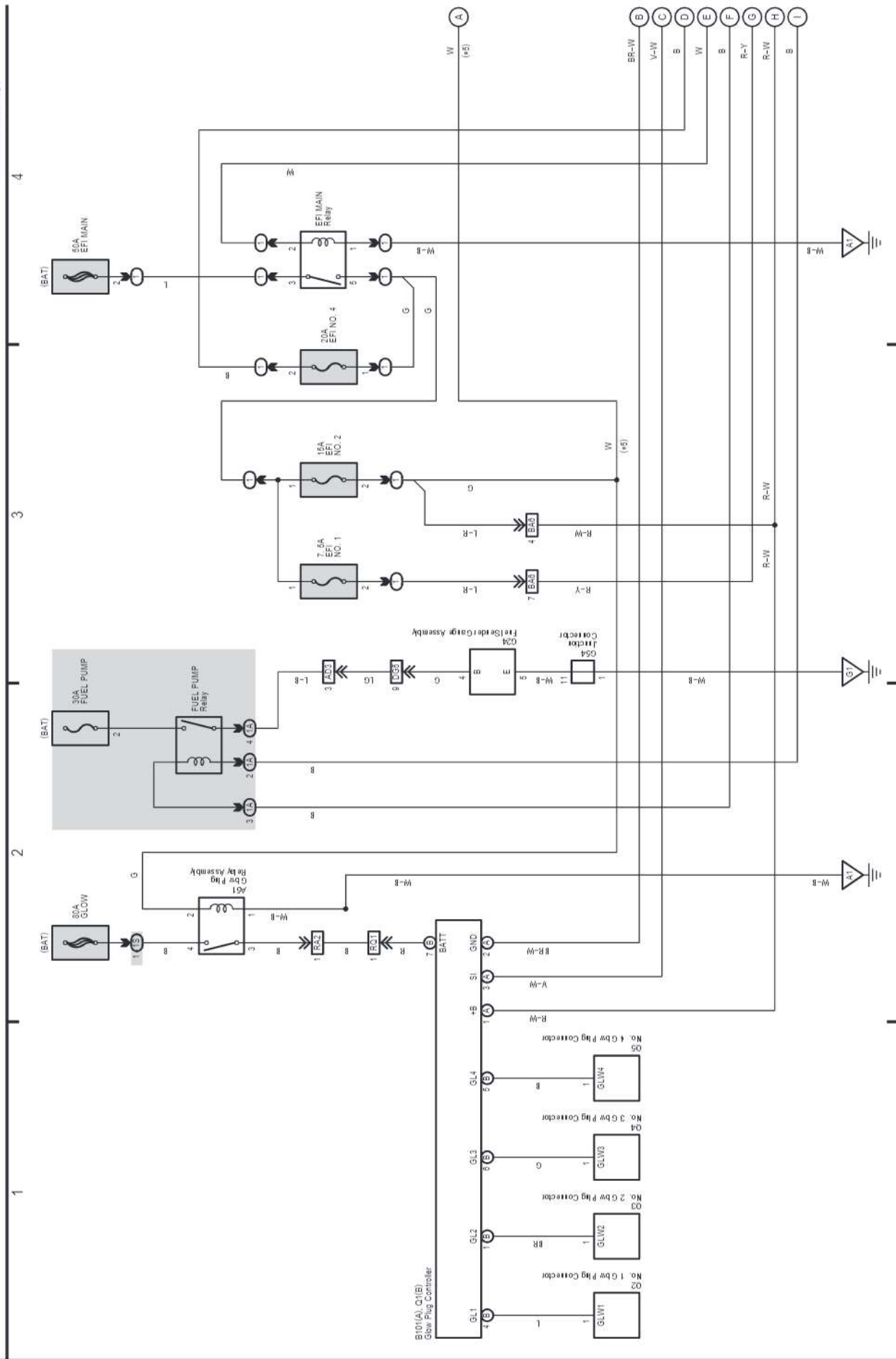
Tire Pressure Warning System



M OVERALL ELECTRICAL WIRING DIAGRAM

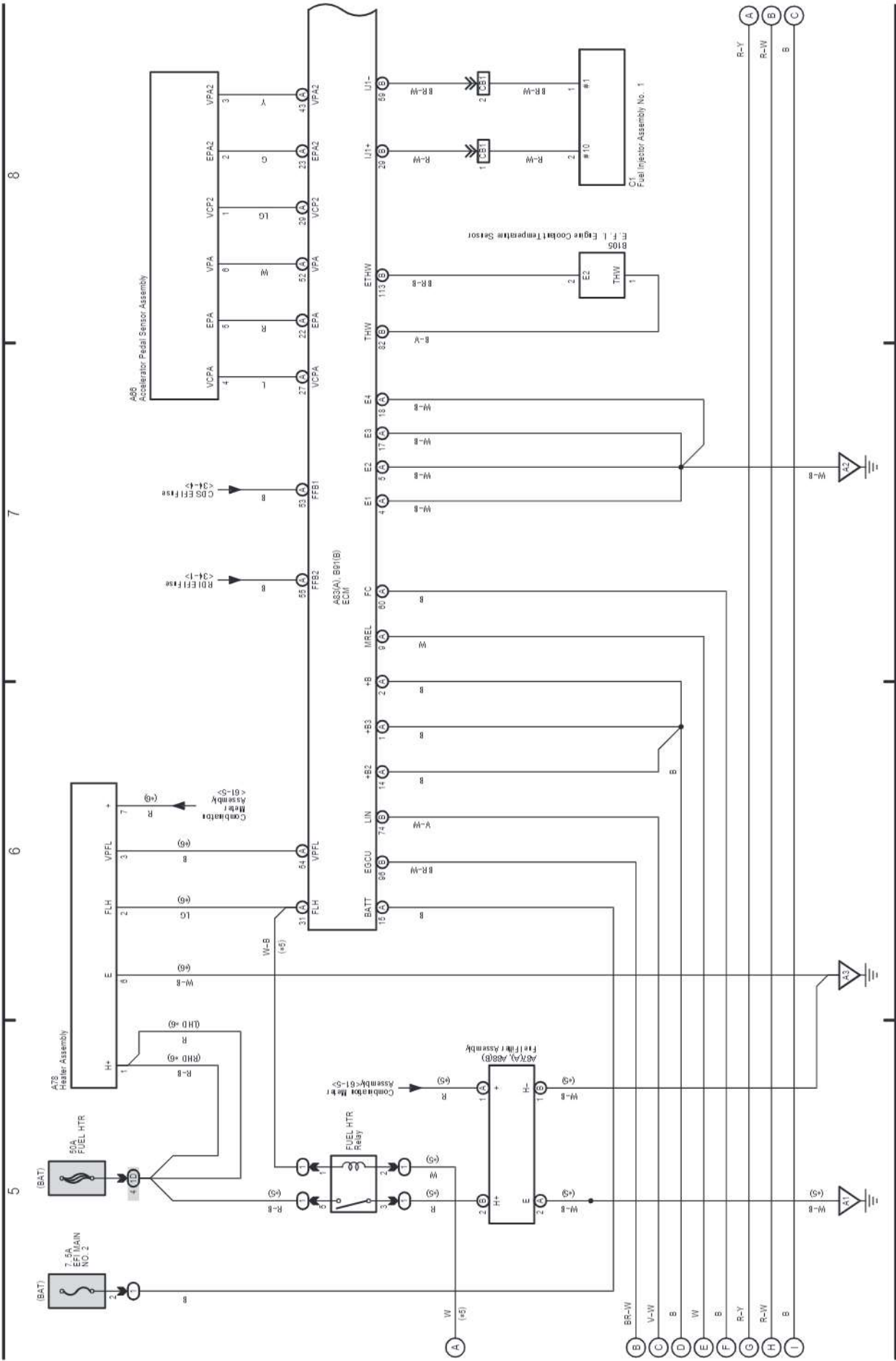
Engine Control (From May 2015 Production)

*5: w/ FUEL HTR Relay

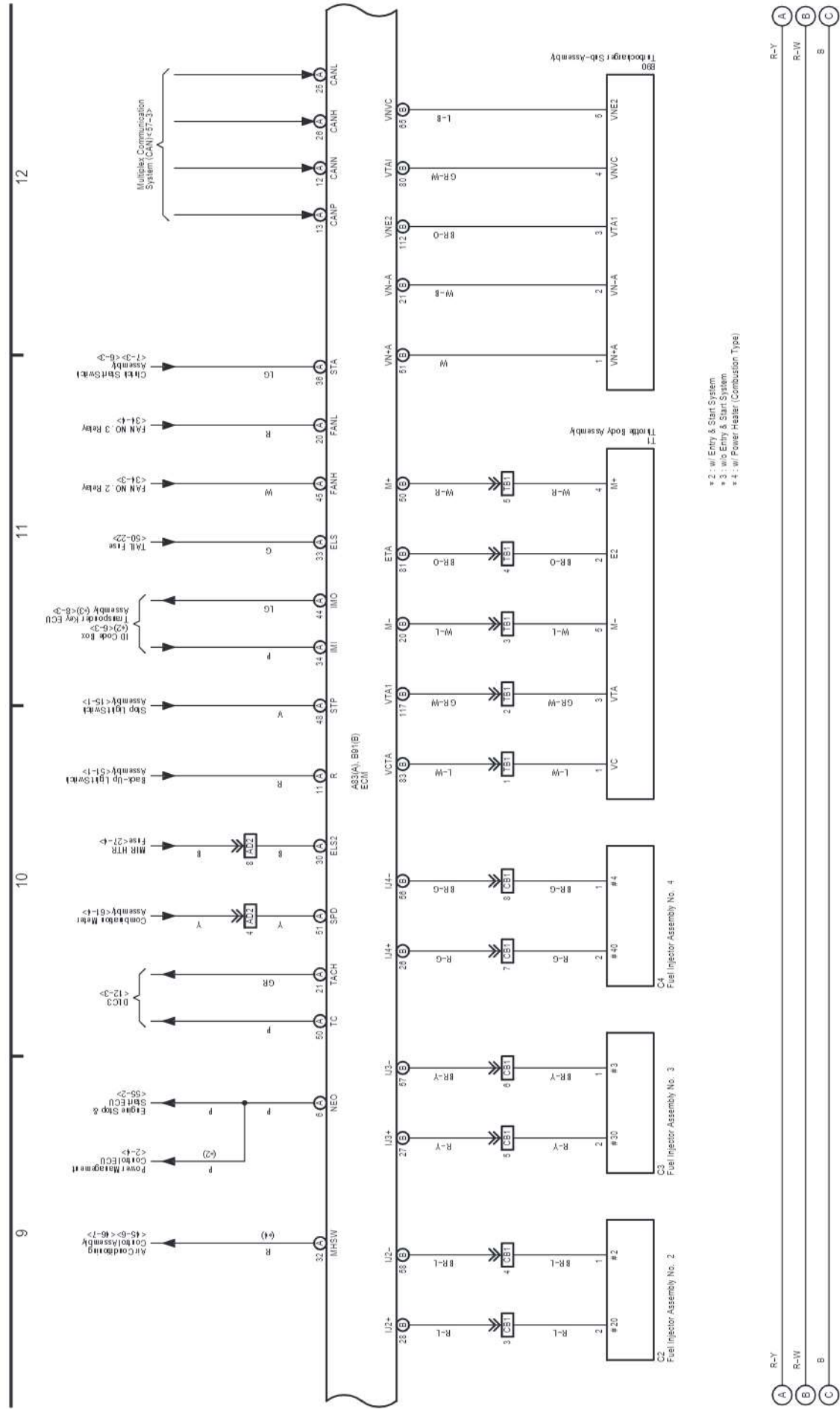


Engine Control (From May 2015 Production)

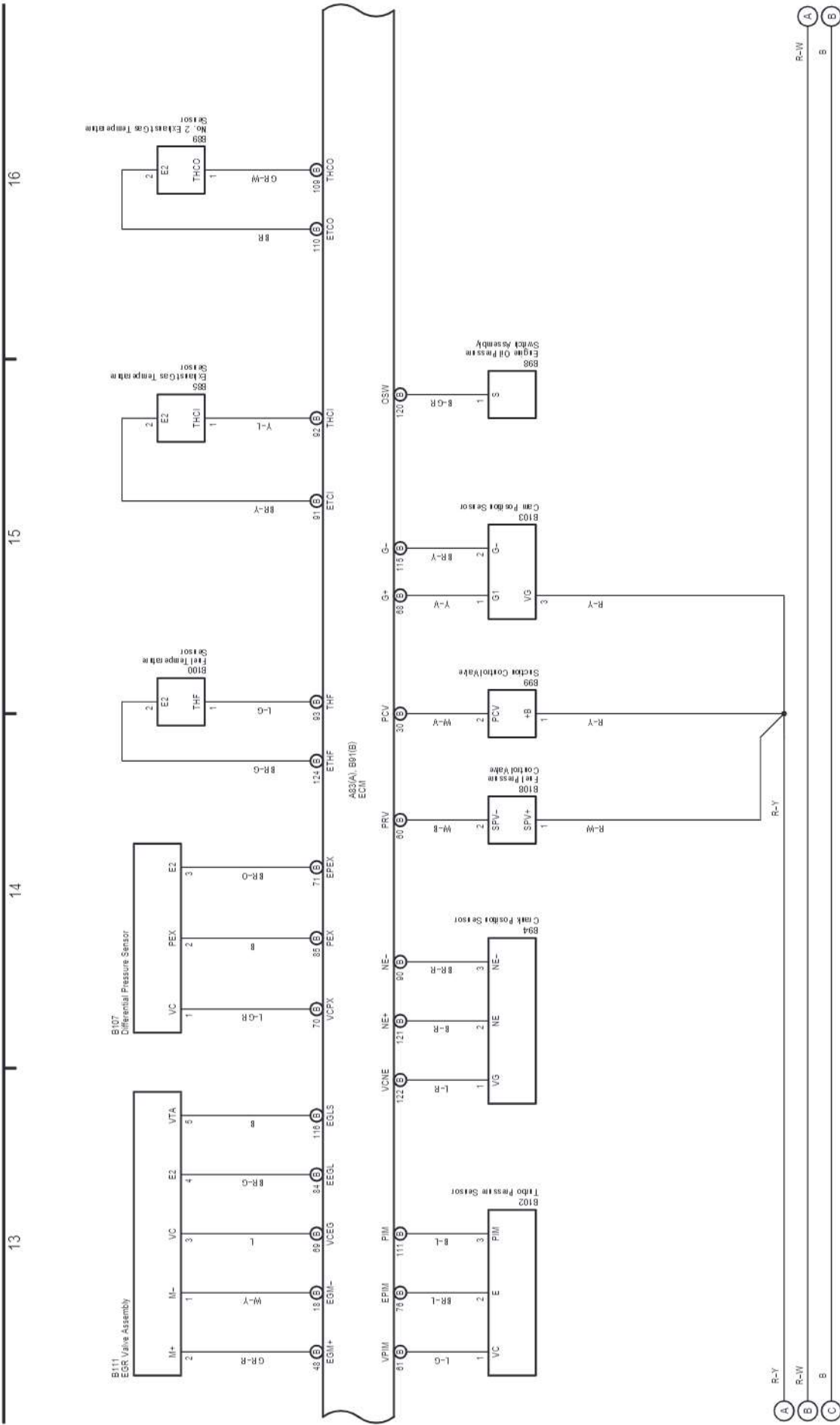
* 5 : w/ FUEL HTR Relay
 * 6 : w/o FUEL HTR Relay



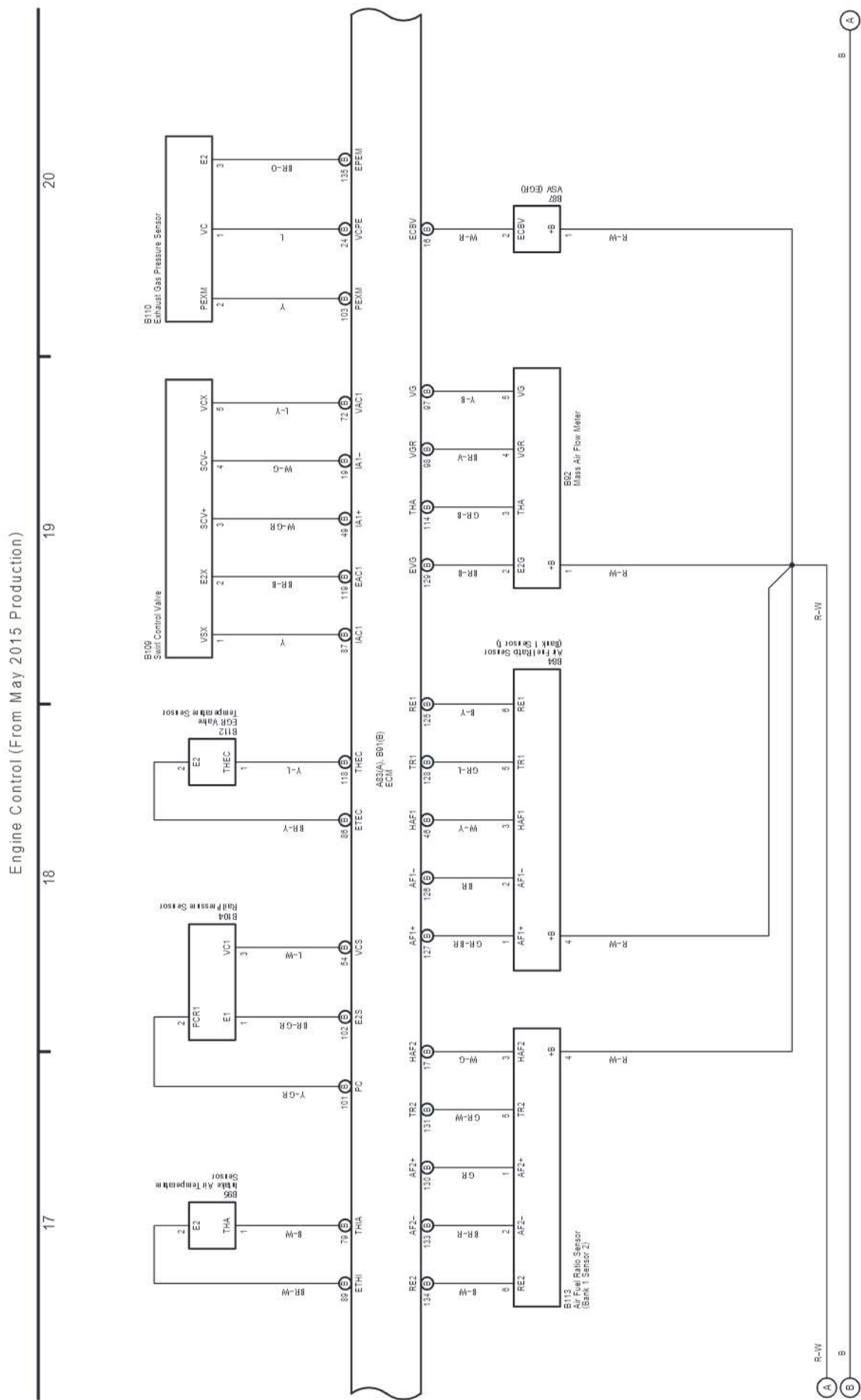
Engine Control (From May 2015 Production)

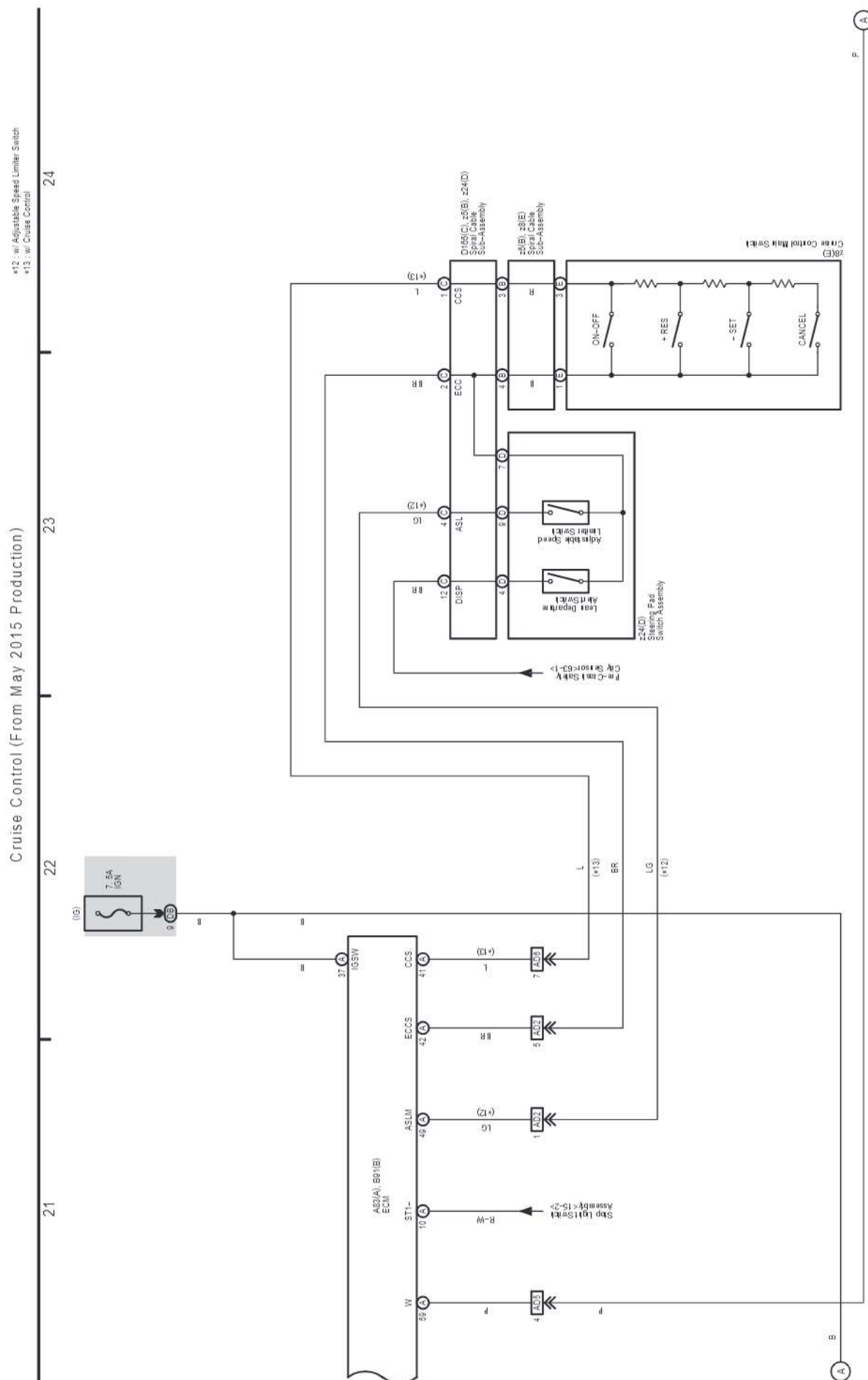


Engine Control (From May 2015 Production)

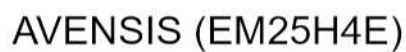


AVENSIS (EM25H4E)





54 AVENSIS (Cont' d)



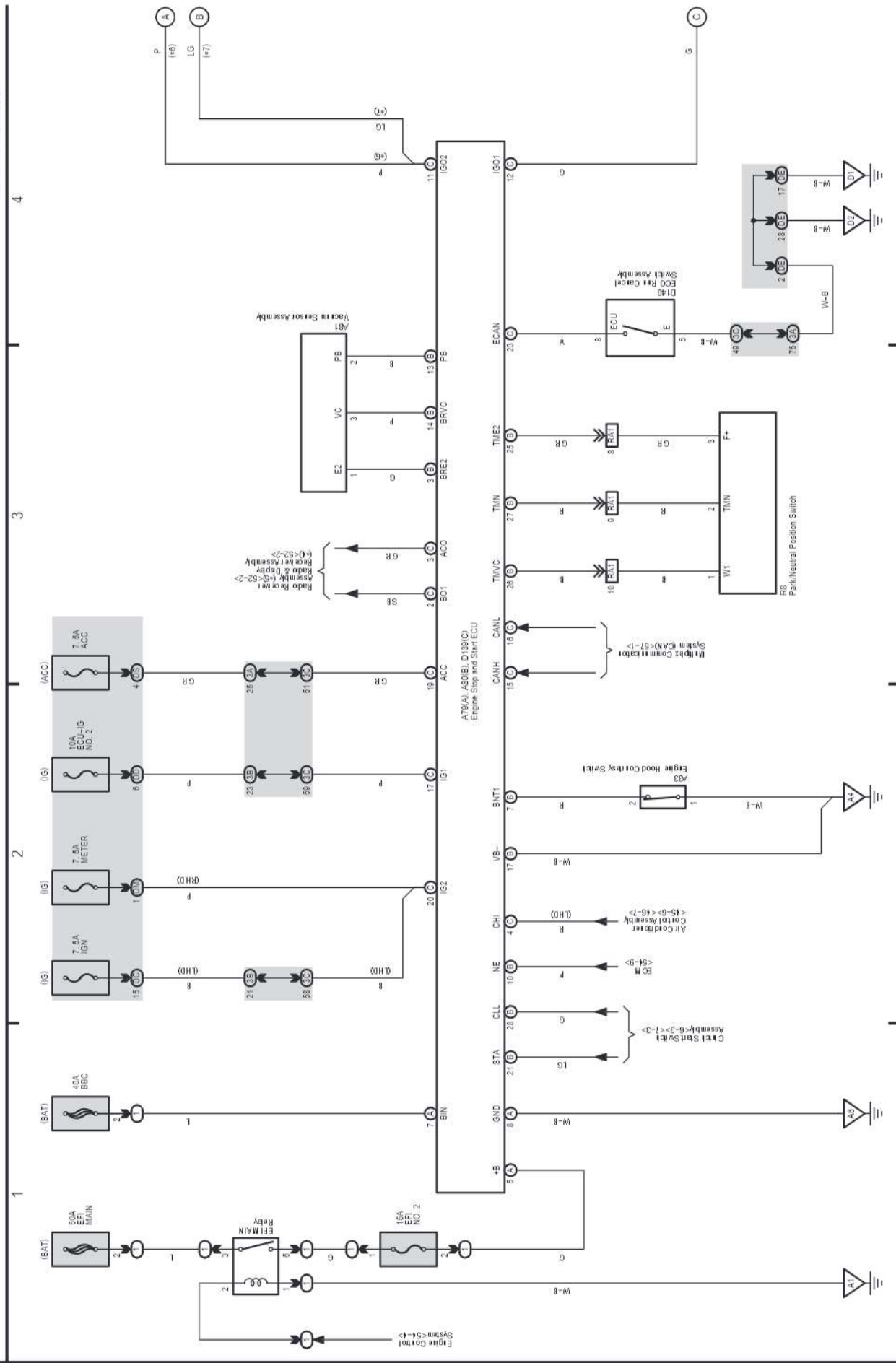
M OVERALL ELECTRICAL WIRING DIAGRAM

55 AVENSIS

(Cont. next page)

- * 4 : Display Audio Type
- * 6 : Except Display Audio Type
- * 6 : Before Oct. 2018 Production
- * 7 : From Oct. 2018 Production

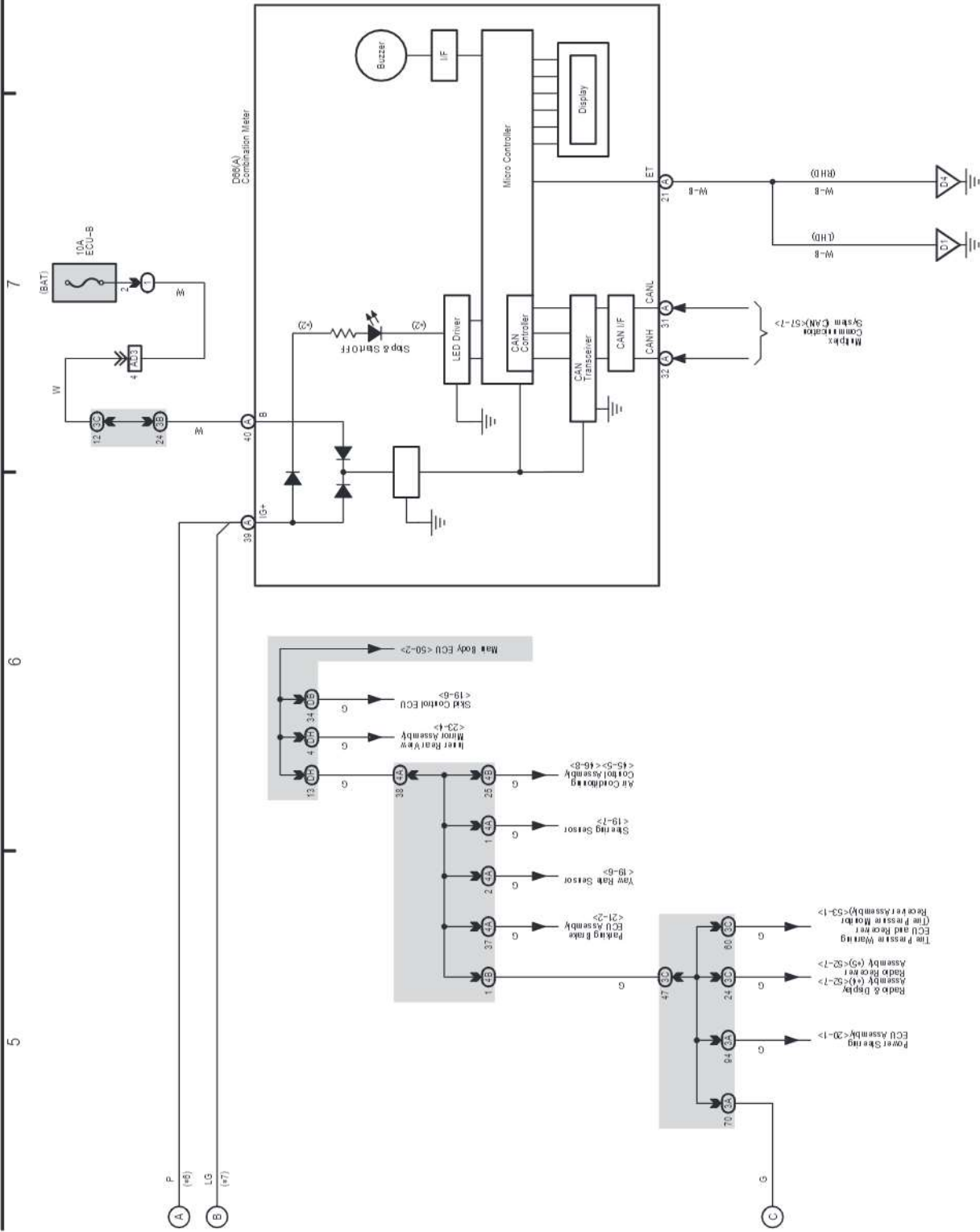
Stop & Start System



AVENSIS (EM25H4E)

Stop & Start System

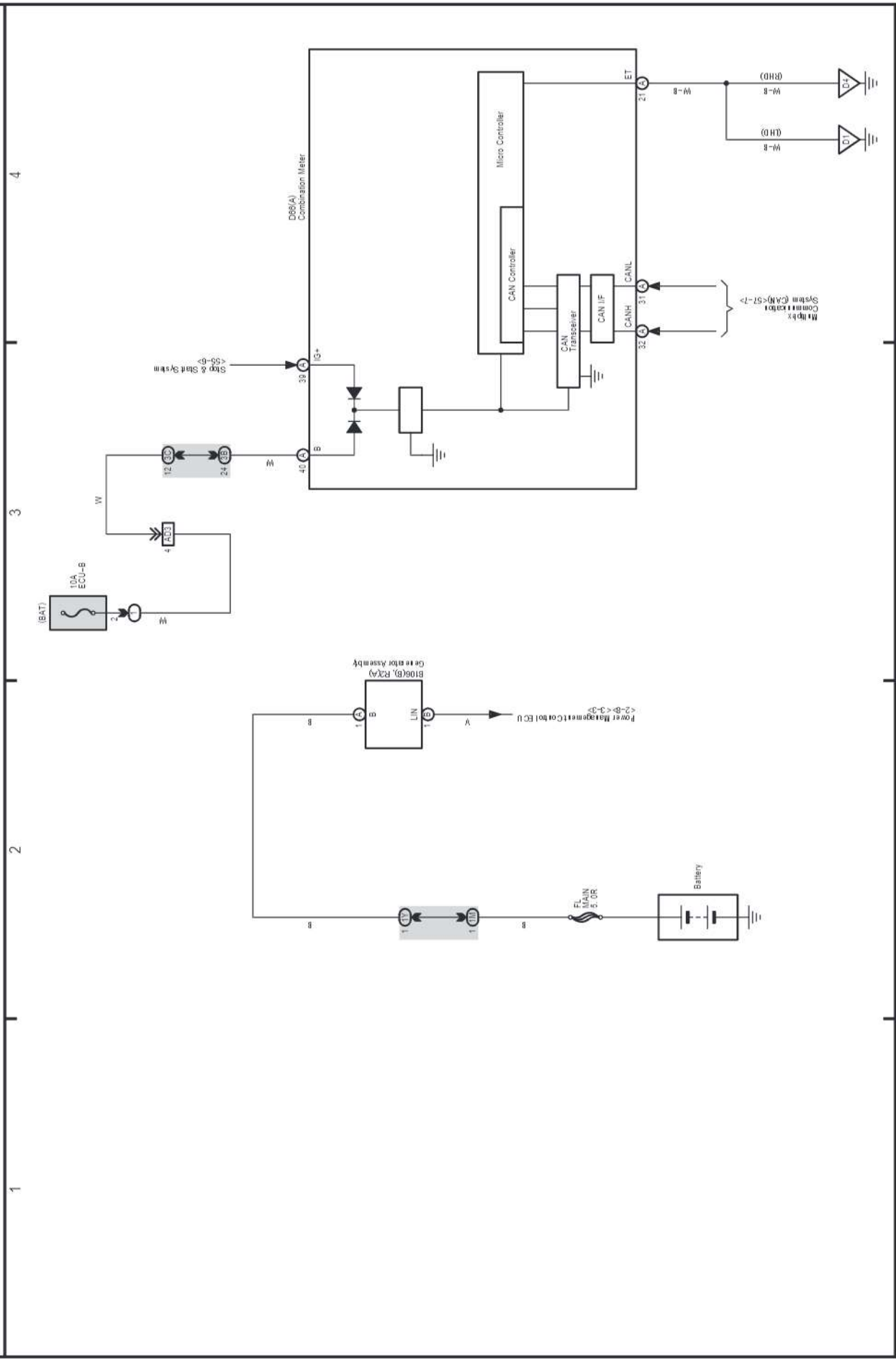
* 2: Monochrome TFT Type
 * 4: Display Audio Type
 * 5: Escal Display Audio Type
 * 6: Before Oct. 2016 Production
 * 7: From Oct. 2016 Production



M OVERALL ELECTRICAL WIRING DIAGRAM

56 AVENSIS

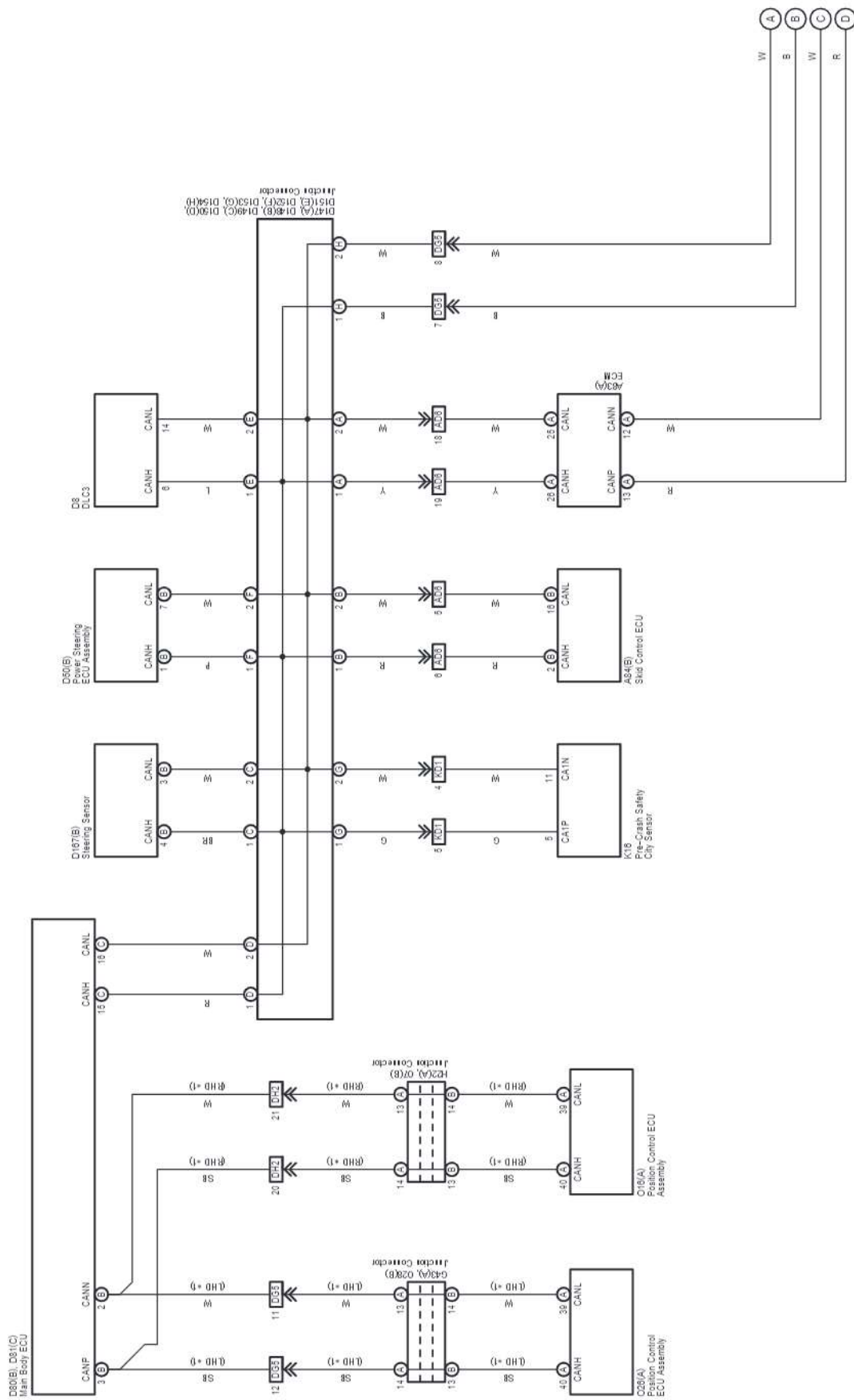
Charging (From May 2015 Production)



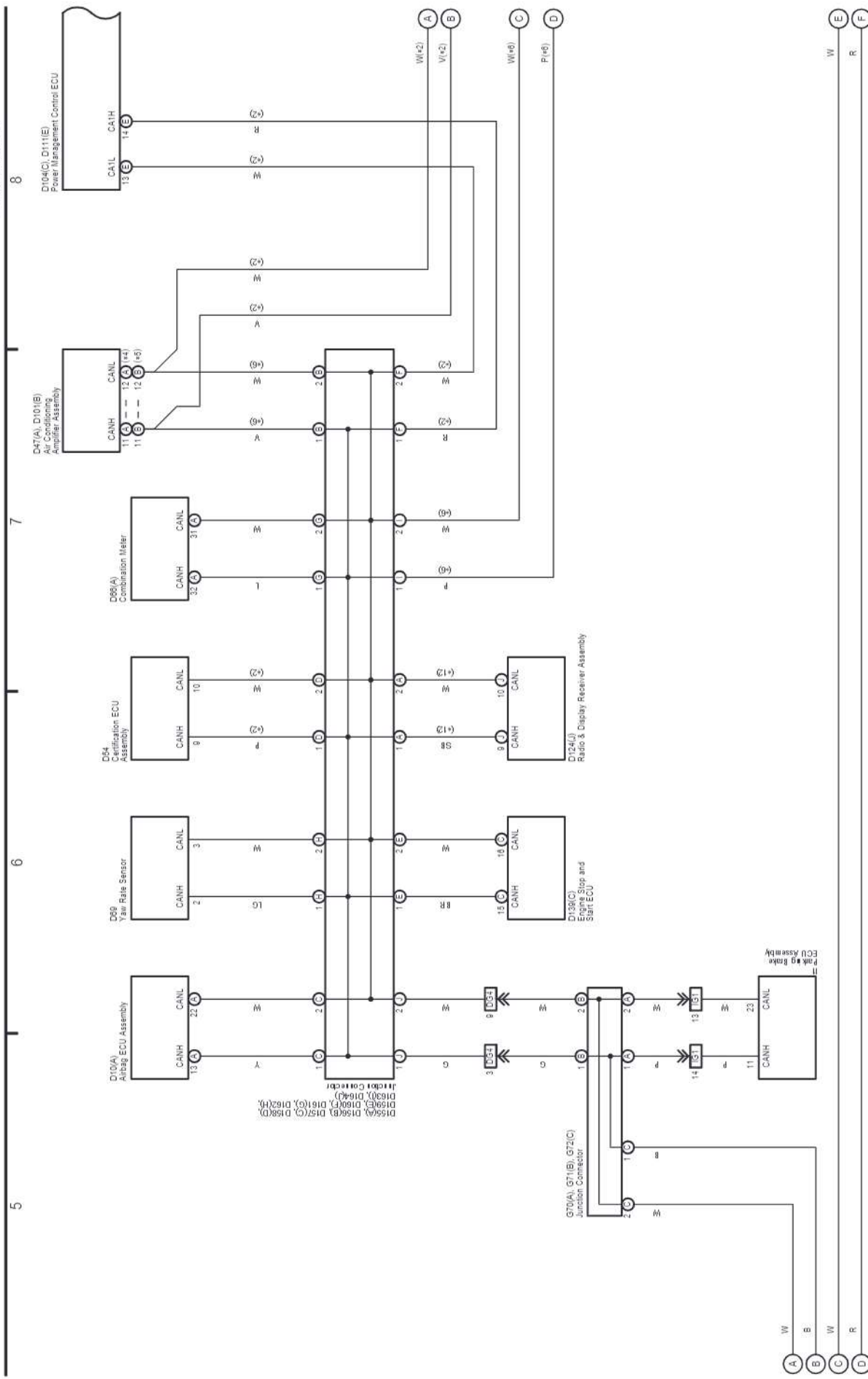
M OVERALL ELECTRICAL WIRING DIAGRAM

Multiplex Communication System (CAN) (From May 2015 Production)

* 1 : w/ Seat Position Memory



Multiplex Communication System (CAN) (From May 2015 Production)



M OVERALL ELECTRICAL WIRING DIAGRAM

57 AVENSIS (Cont' d)

* 2 : w/ Entry & Start System
 * 6 : w/o Entry & Start System
 * 7 : w/ AFS
 * 17 : w/o AFS

Multiplex Communication System (CAN) (From May 2015 Production)

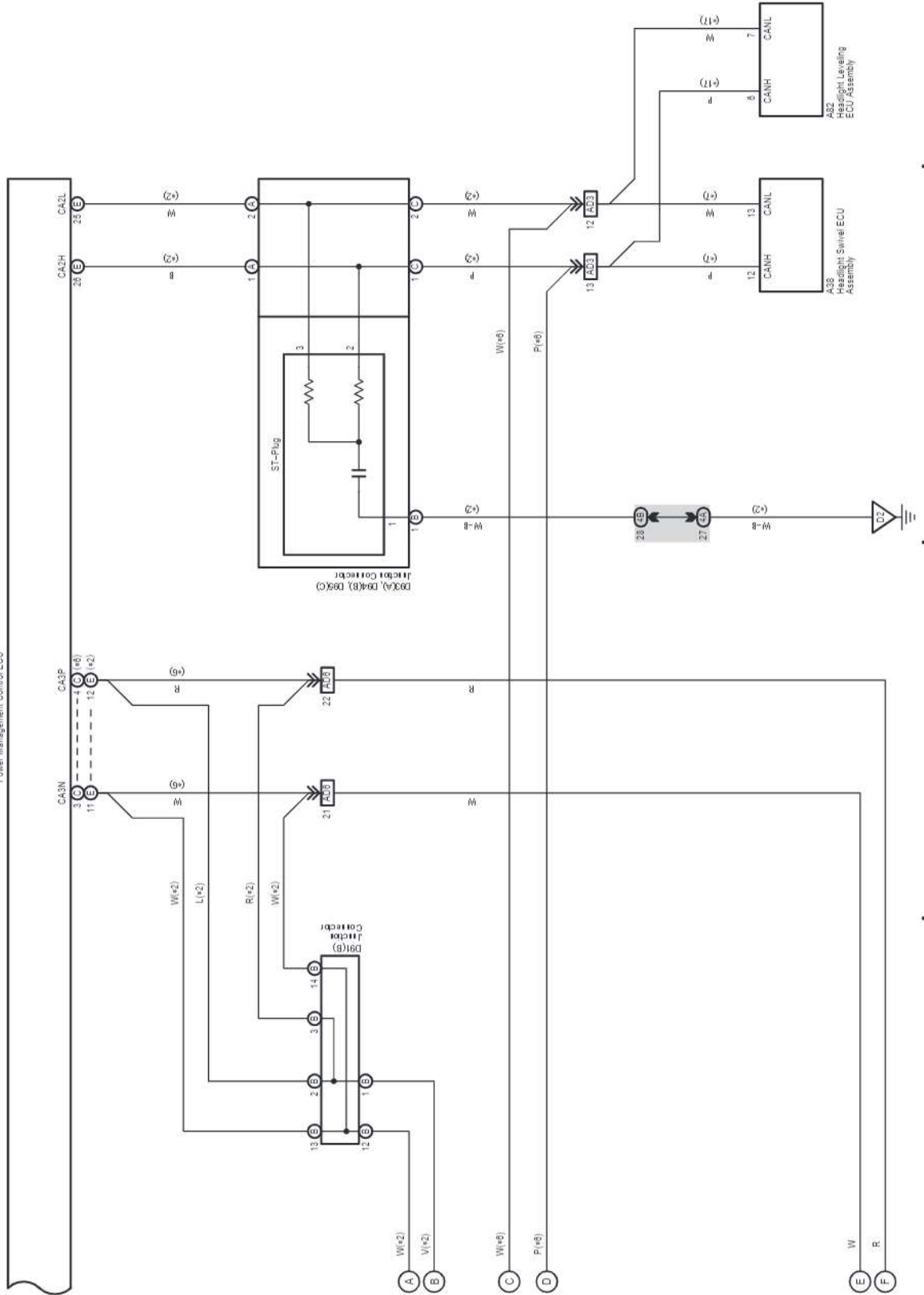
12

11

10

9

D104(C), D111(E)
 Power Management Control ECU



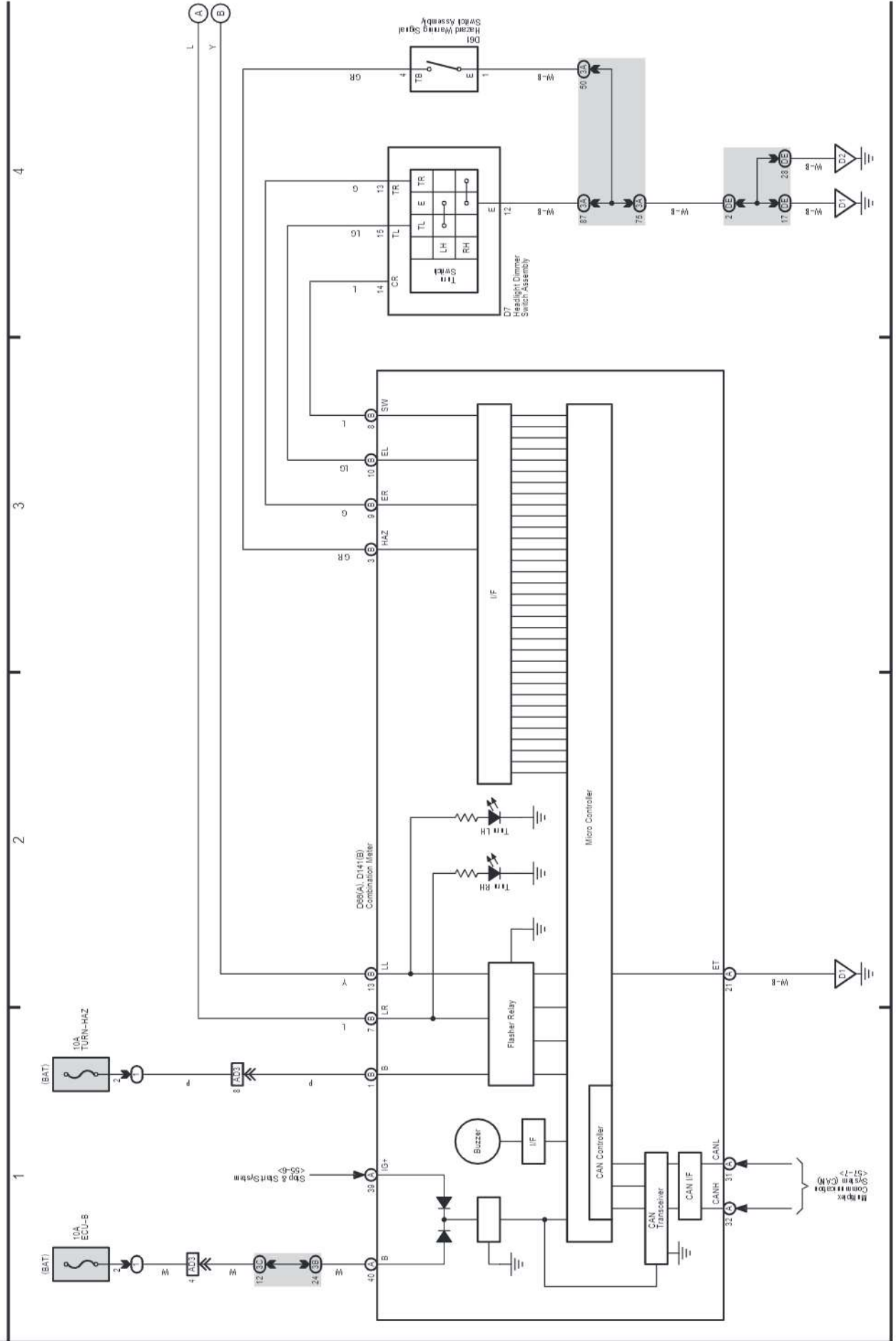
AVENSIS (EM25H4E)

M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

58 AVENSIS

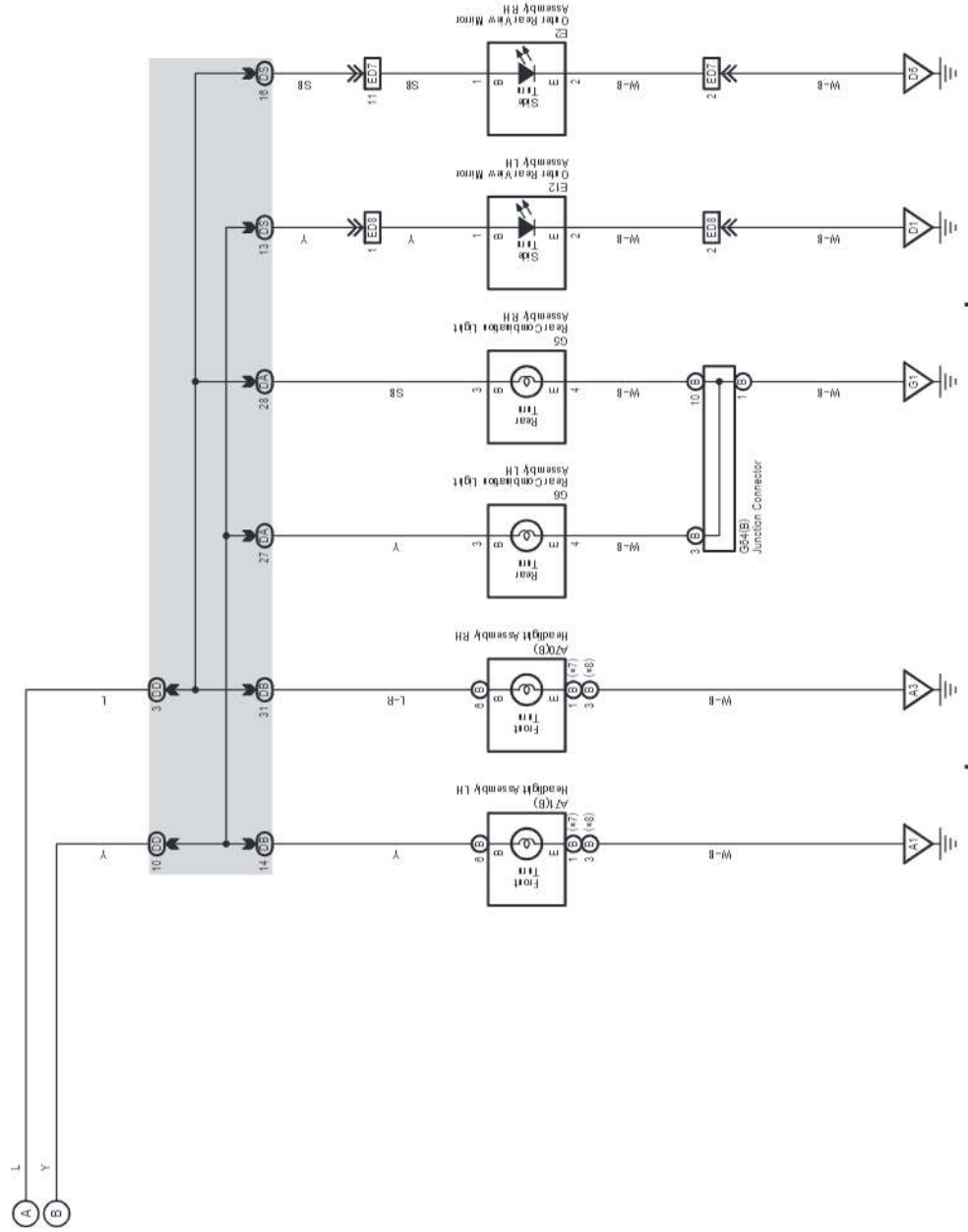
Turn Signal and Hazard Warning Light (LHD) (From May 2015 Production)



AVENSIS (EM25H4E)

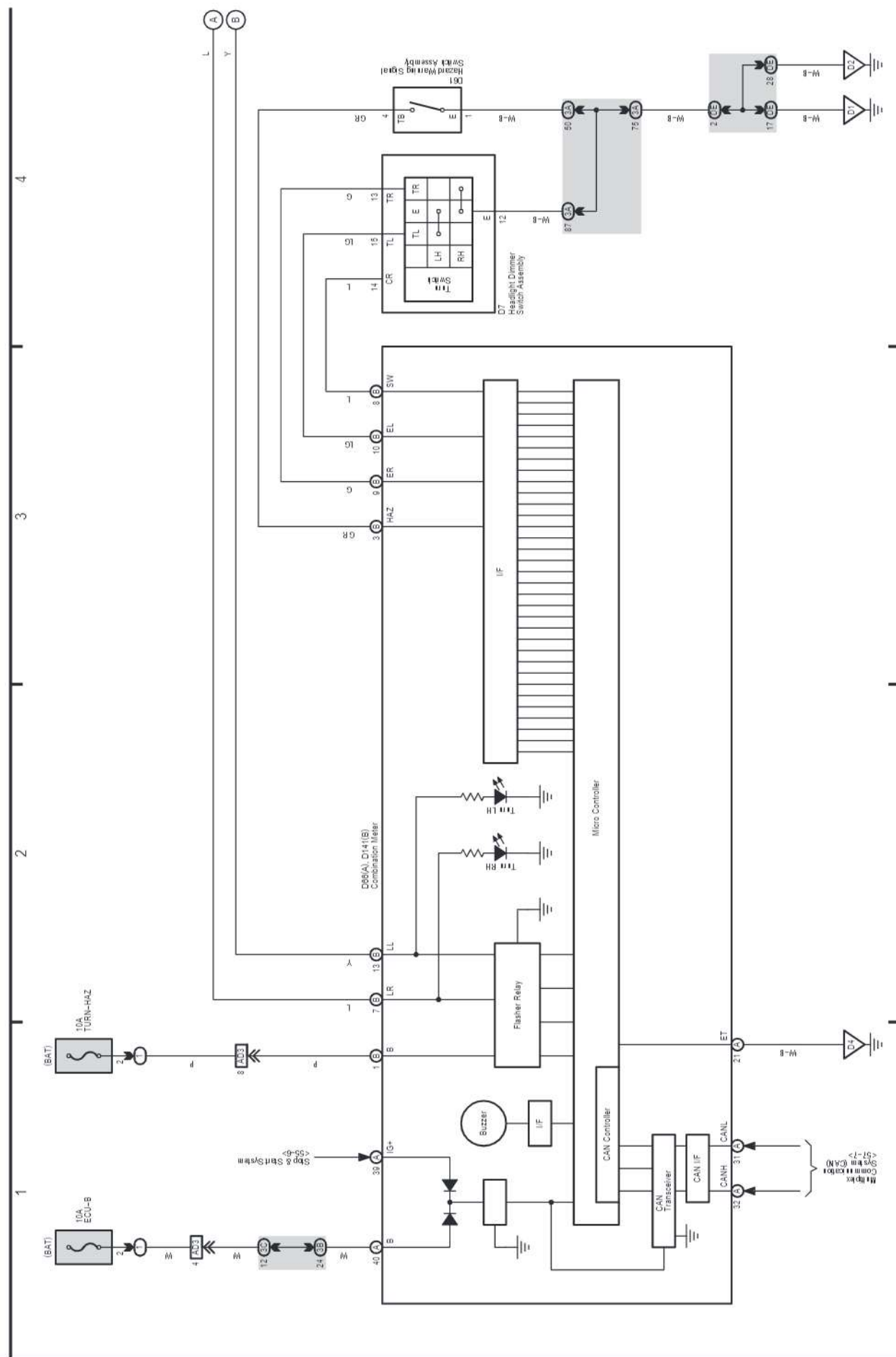
Turn Signal and Hazard Warning Light (LHD) (From May 2015 Production)

* 7 - Halogen Type
* 8 - LED Type



59 AVENSIS

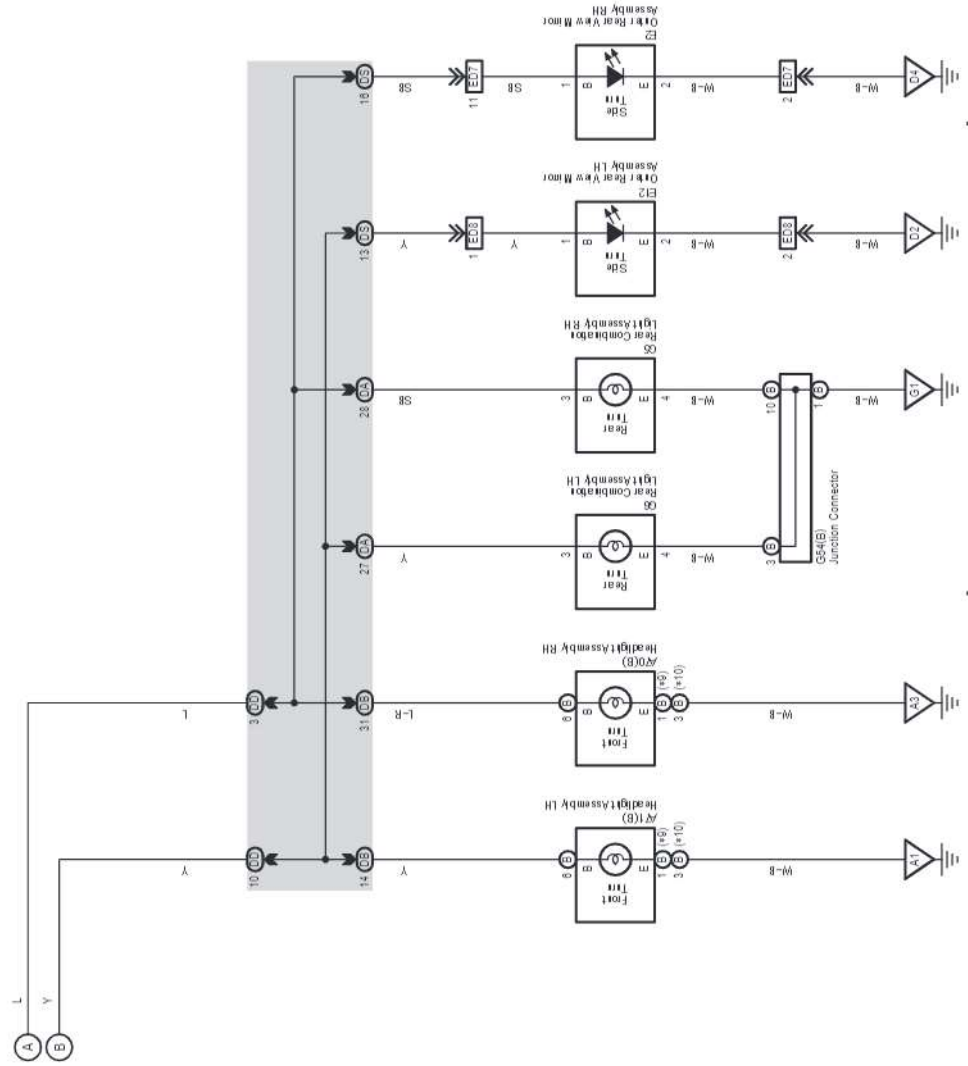
Turn Signal and Hazard Warning Light (RHD) (From May 2015 Production)



AVENSIS (EM25H4E)

Turn Signal and Hazard Warning Light (RHD) (From May 2015 Production)

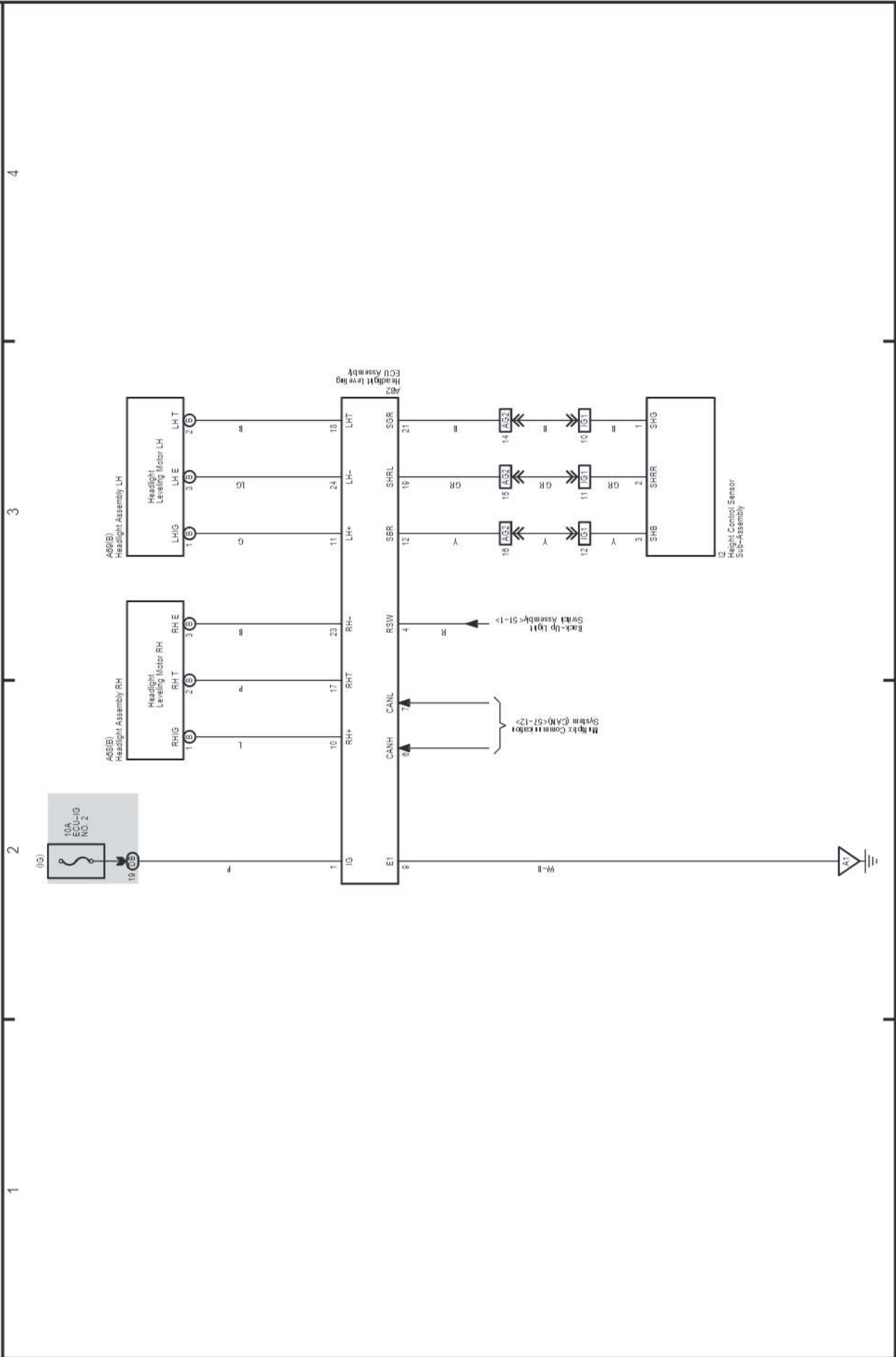
*9 - Halogen Type
*10 - LED Type



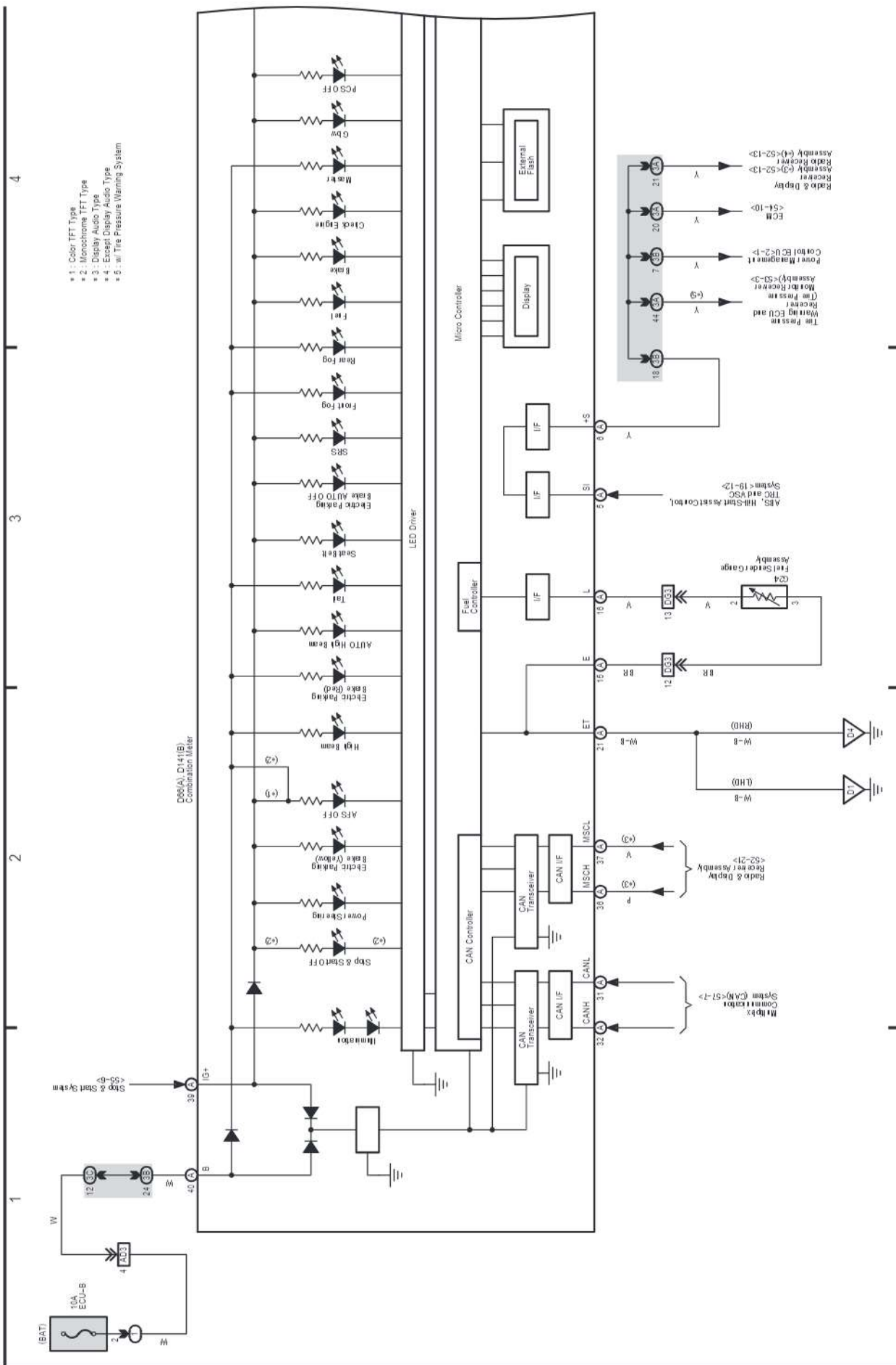
M OVERALL ELECTRICAL WIRING DIAGRAM

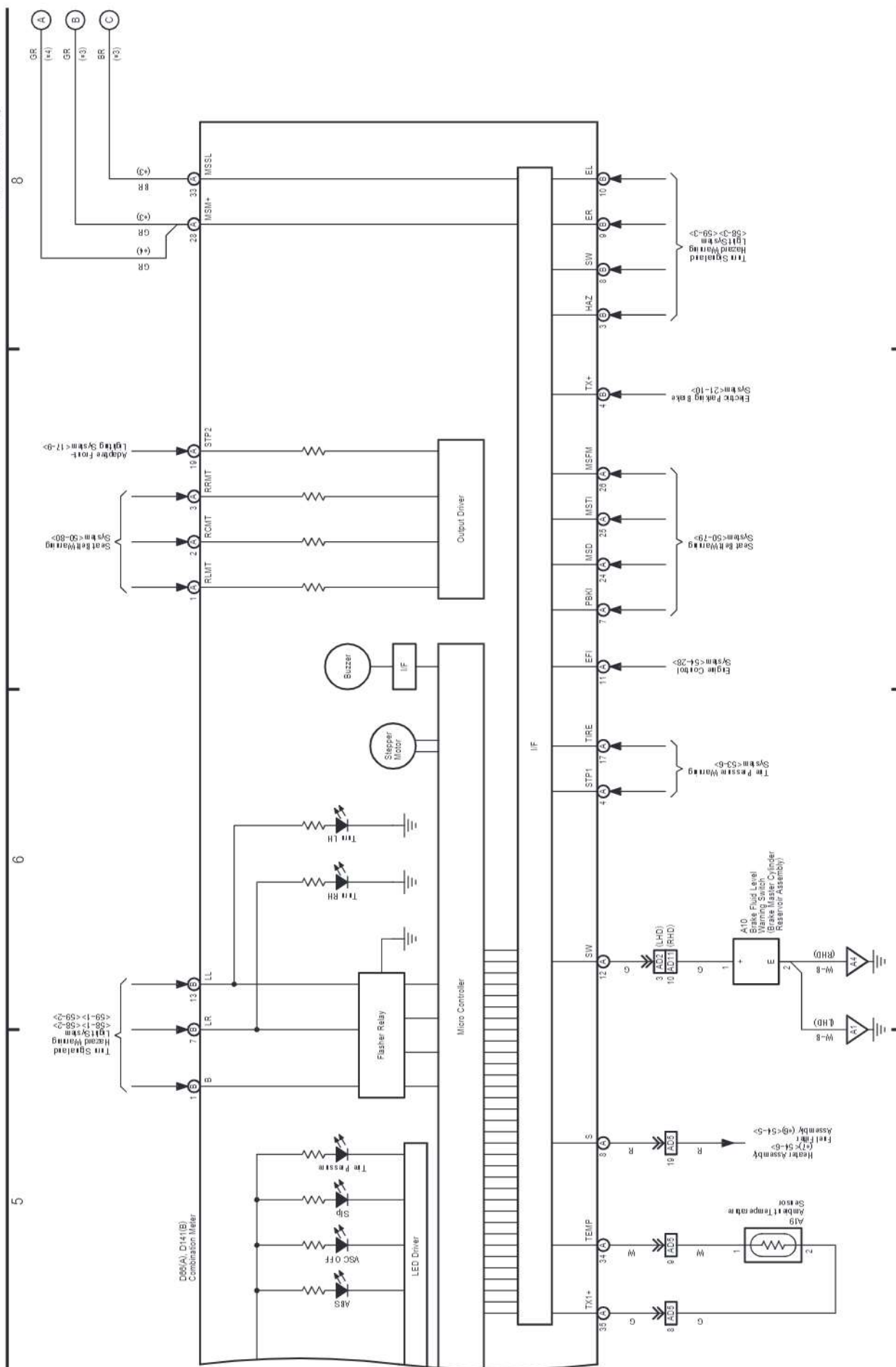
60 AVENSIS

Headlight Beam Level Control (Automatic)



M OVERALL ELECTRICAL WIRING DIAGRAM



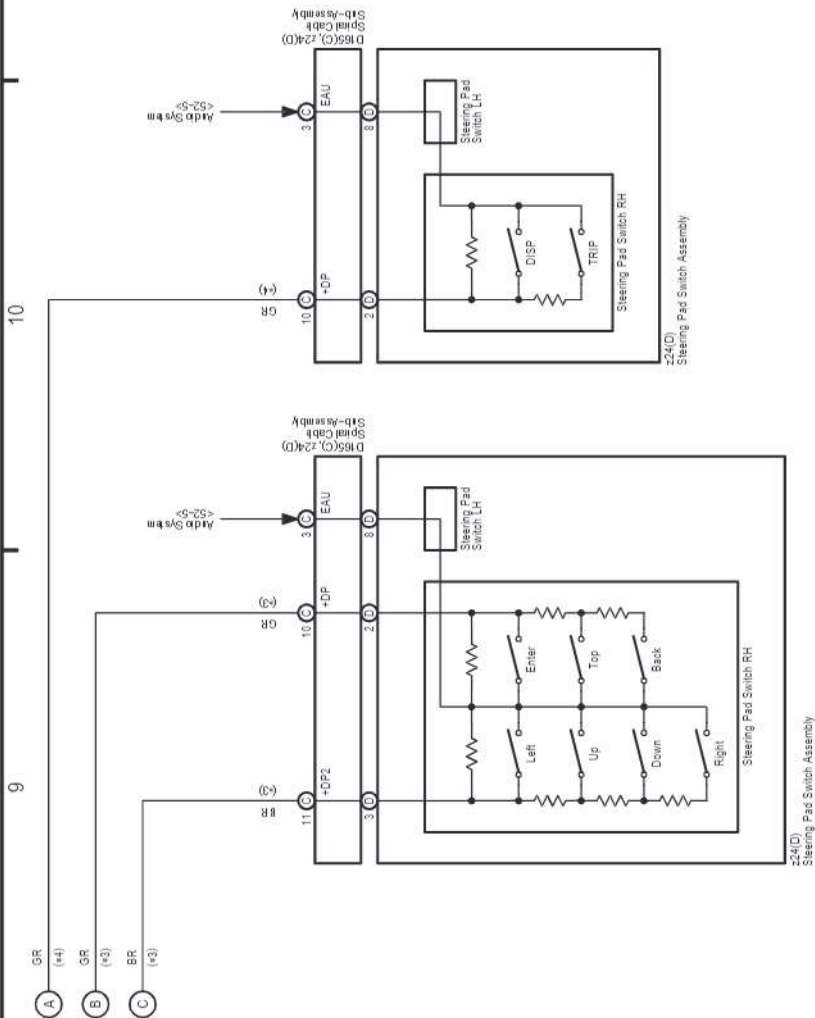


M OVERALL ELECTRICAL WIRING DIAGRAM

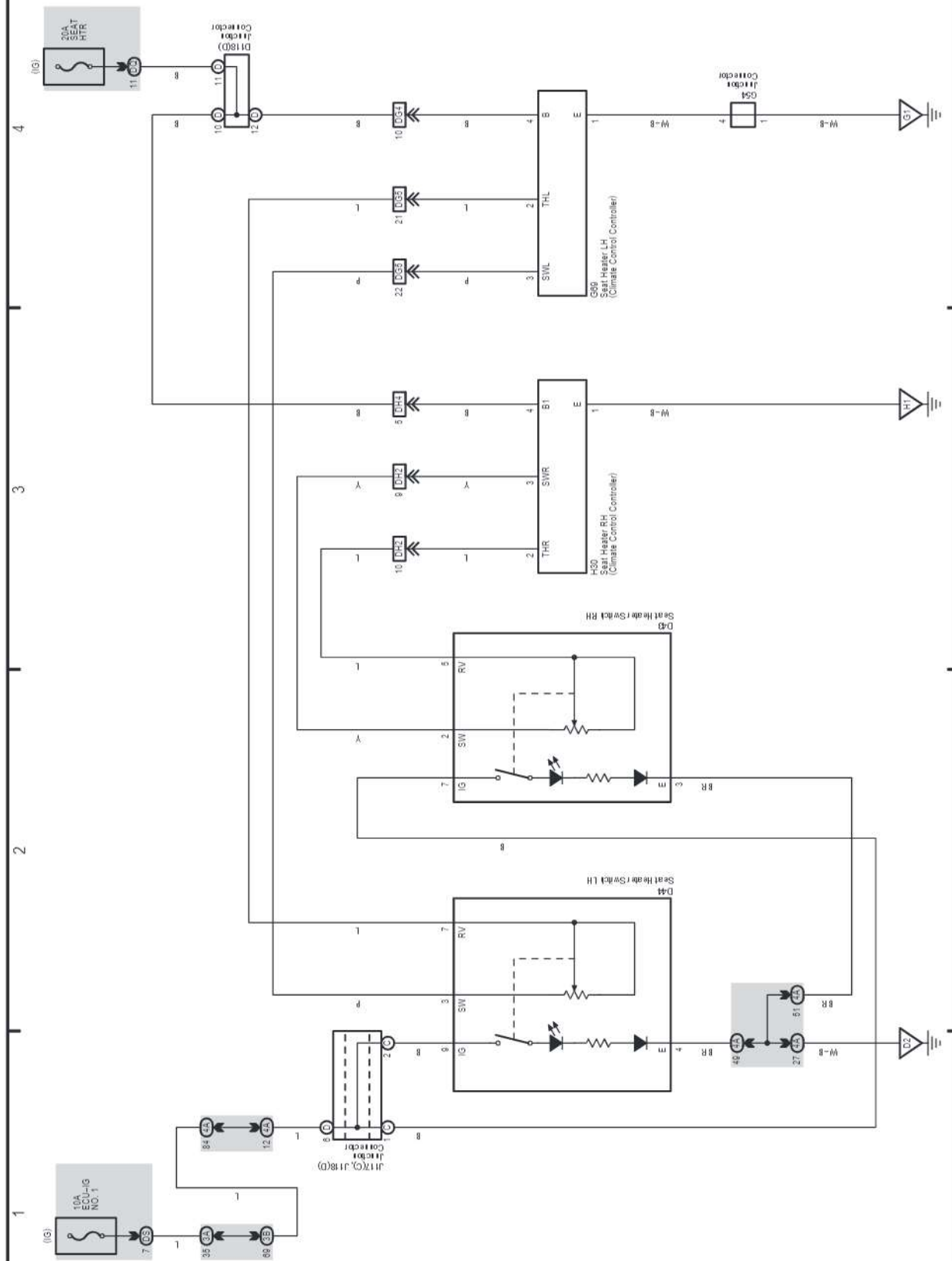
61 AVENSIS (Cont' d)

*3 : Display Audio Type
*4 : Except Display Audio Type

Combination Meter (From May 2015 Production)



Seat Heater (From May 2015 Production)



63 AVENSIS

