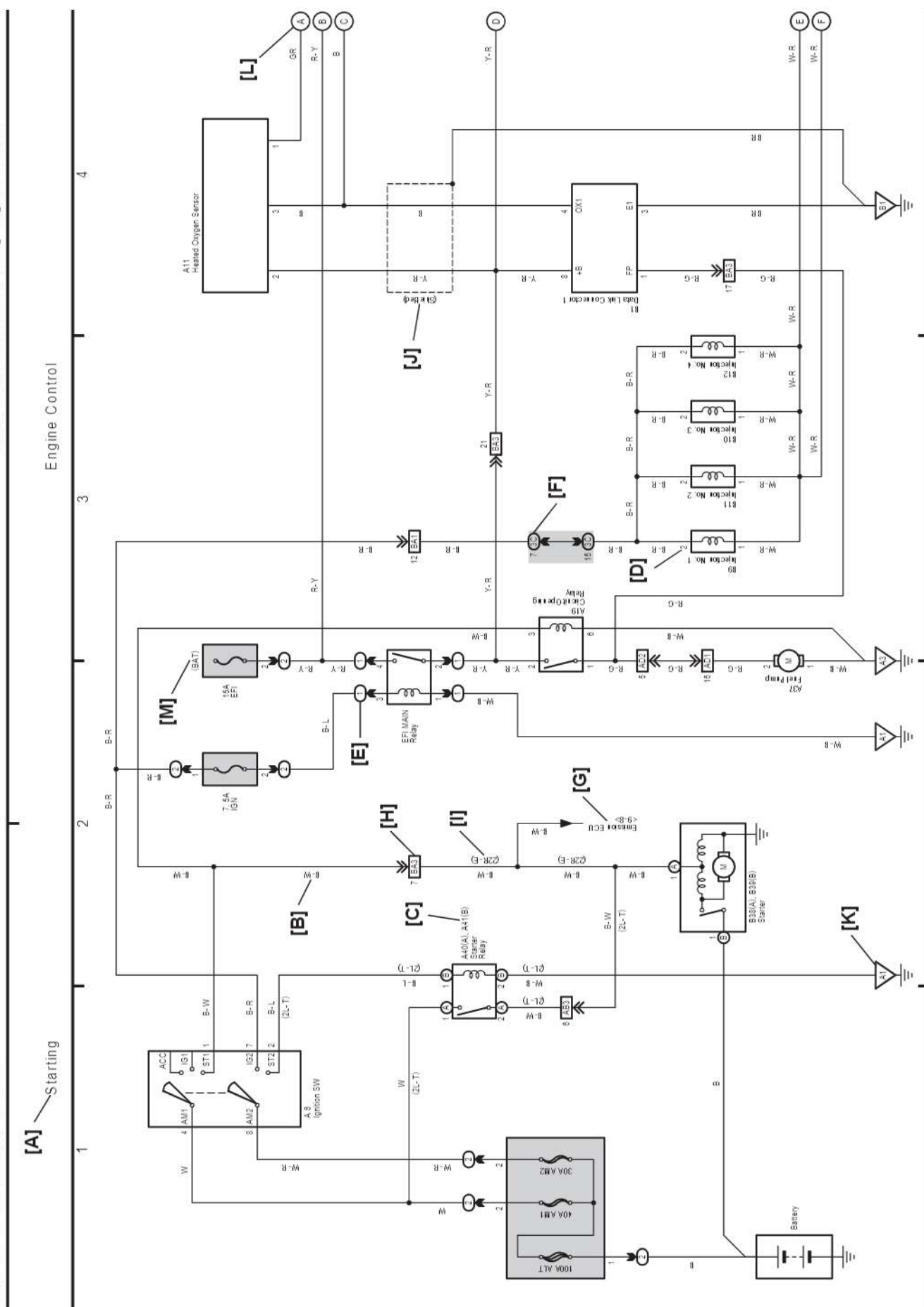


M OVERALL ELECTRICAL WIRING DIAGRAM

* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the wiring diagram section.



[A] : System Title

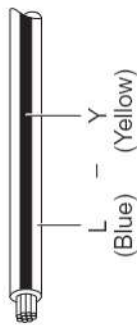
[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B = Black W = White BR = Brown
L = Blue V = Violet SB = Sky Blue
R = Red G = Green LG = Light Green
P = Pink Y = Yellow GR = Gray
O = Orange

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

Example: L - Y

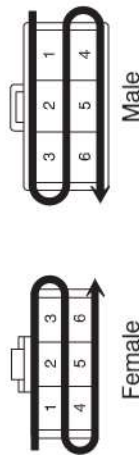


[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector.

The numbering system is different for female and male connectors.

Example: Numbered in other from upper left to lower right



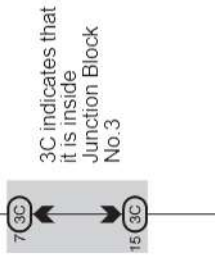
The numbering system for the overall wiring diagram is the same as above

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: ① Indicates Relay Block No.1

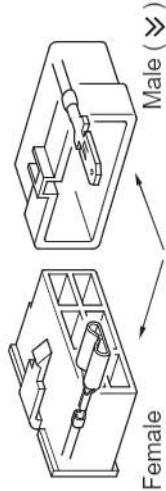
[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example:



[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↗). Outside numerals are pin numbers.



[I] : () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.



[K] : Indicates a ground point.

[L] : The same code occurring on the next page indicates that the wire harness is continuous.

[M] : Indicates the ignition key position(s) when the power is supplied to the fuse(s).

M OVERALL ELECTRICAL WIRING DIAGRAM

SYSTEM INDEX

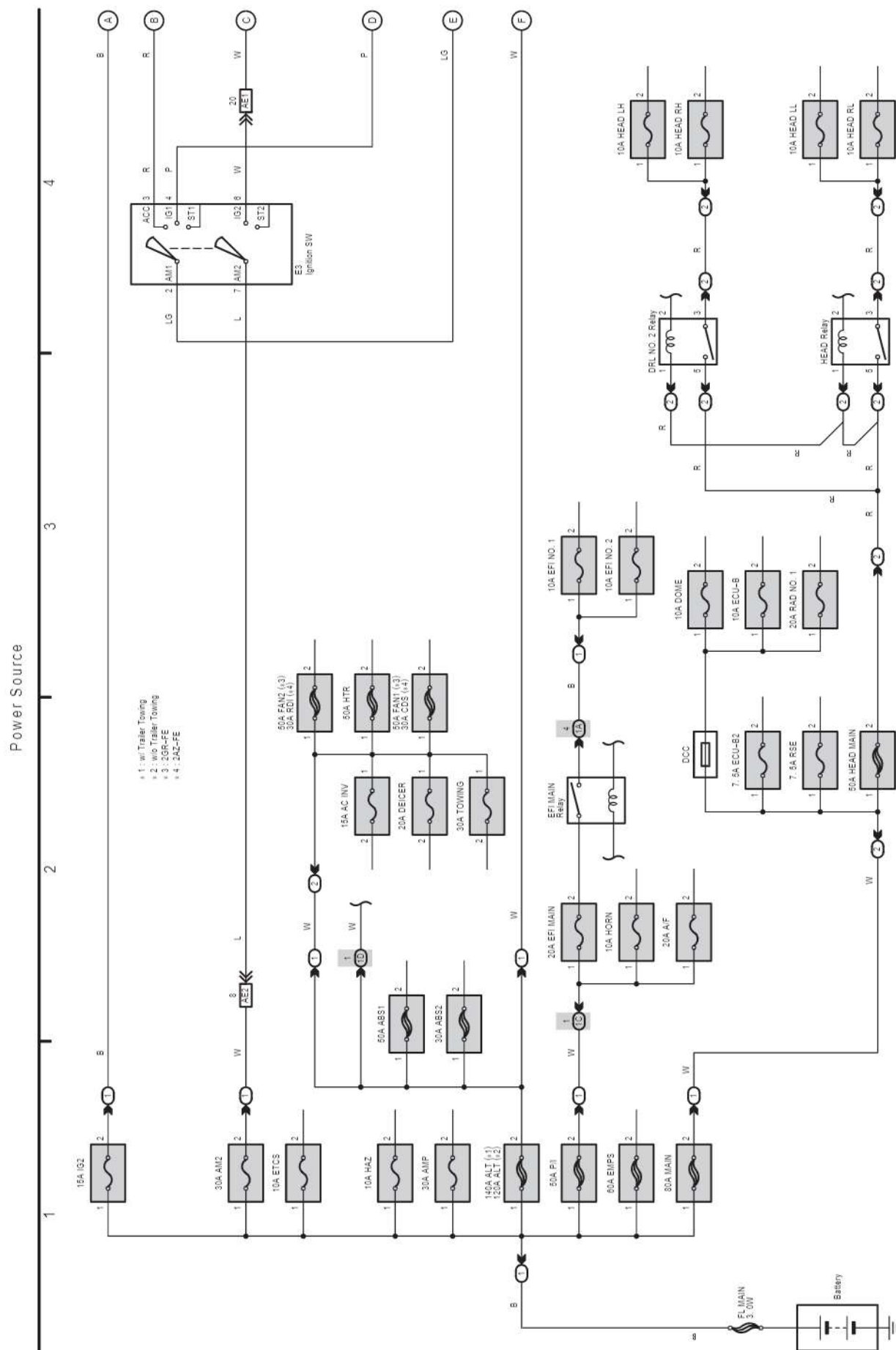
SYSTEMS	LOCATION	SYSTEMS	LOCATION
ABS	20-1	Manual Air Conditioning	31-1
Audio System (Except JBL)	27-1	Mirror Heater	16-3
Audio System (JBL)	26-1	Multiplex Communication System (CAN)	2-1
Auto LSD	20-1	* Door Lock Control	
Automatic Air Conditioning	30-1	* Headlight	
Back-Up Light	12-1	* Interior Light	
Charging (w/ Trailer Towing)	4-1	* Key Reminder	
Charging (w/o Trailer Towing)	3-1	* Light Auto Turn Off System	
Clock (w/ Automatic Air Conditioning)	30-1	* Wireless Door Lock Control	
Clock (w/o Automatic Air Conditioning)	17-3	Power Outlet (115V)	24-3
Combination Meter	28-1	Power Outlet (12V)	24-1
Cooling Fan (2GR-FE)	29-1	Power Seat	25-1
Cruise Control (2AZ-FE)	8-11	Power Source	1-1
Cruise Control (2GR-FE)	7-15	Power Window	13-1
Data Link Connector 3	9-1	Radiator Fan and Condenser Fan (2AZ-FE)	29-3
Downhill Assist Control	20-1	Rear Window Defogger	16-3
Electronically Controlled Transmission and A/T Indicator (2AZ-FE)	8-13	Rear Wiper and Washer	15-3
Electronically Controlled Transmission and A/T Indicator (2GR-FE)	7-17	Remote Control Mirror	16-1
Engine Control (2AZ-FE)	8-1	Seat Belt Warning	19-7
Engine Control (2GR-FE)	7-1	Seat Heater	18-1
Engine Immobiliser System	9-3	Shift Lock	21-1
EPS	22-1	Sliding Roof	23-3
Front Fog Light	14-2	SRS	19-1
Front Window Deicer	17-1	Starting	3-3
Front Wiper and Washer	15-1	Stop Light	12-3
Hill-Start Assist Control	20-1	Taillight	11-1
Horn	14-1	Tire Pressure Warning System	21-3
Ignition (2AZ-FE)	6-1	TRAC	20-1
Ignition (2GR-FE)	5-1	Trailer Towing	18-3
Illumination	11-1	Turn Signal and Hazard Warning Light	10-1
		VSC	20-1
		4WD	23-1

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M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

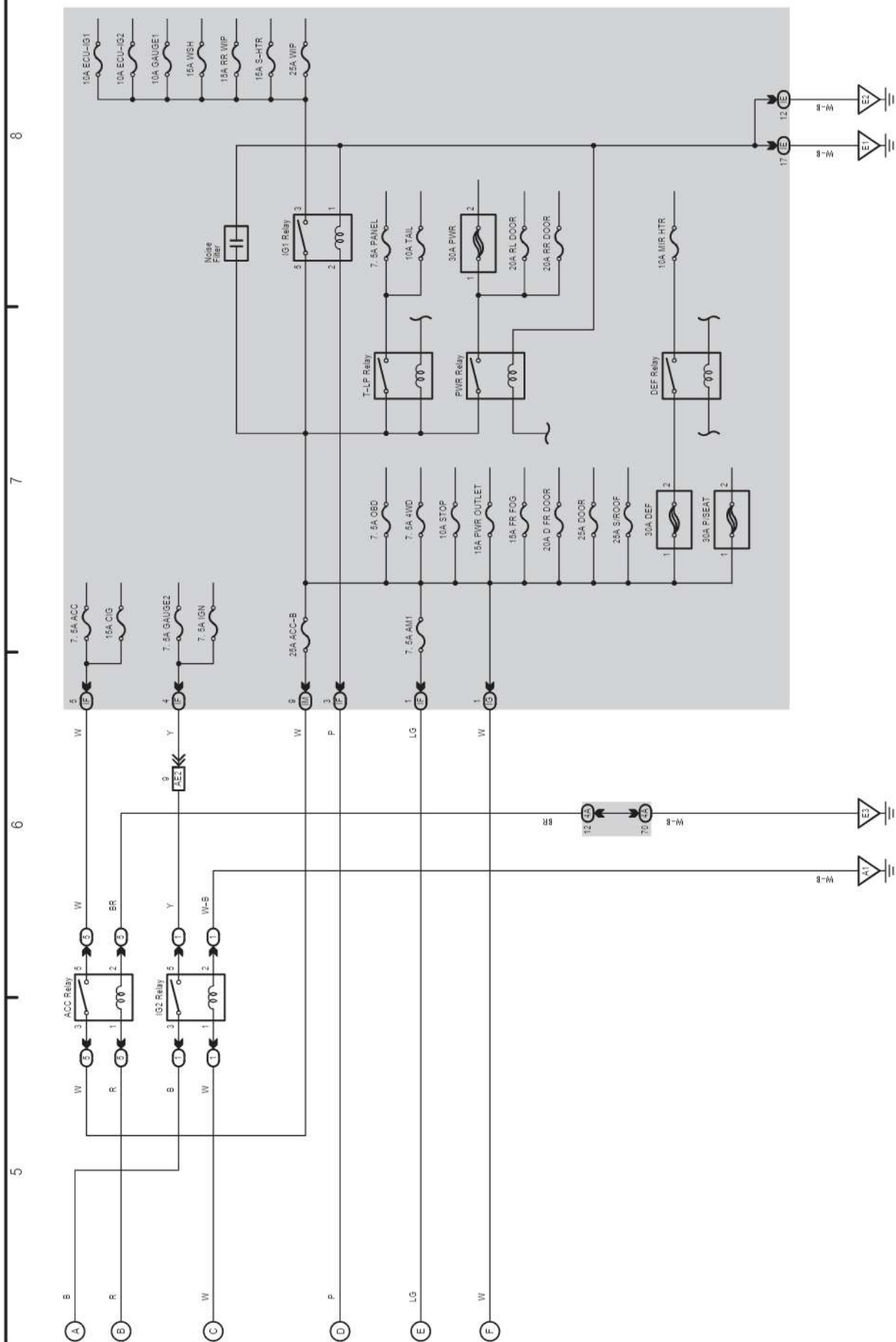
1 RAV4



RAV4 (EM03T0U)

1 RAV4 (Cont' d)

Power Source

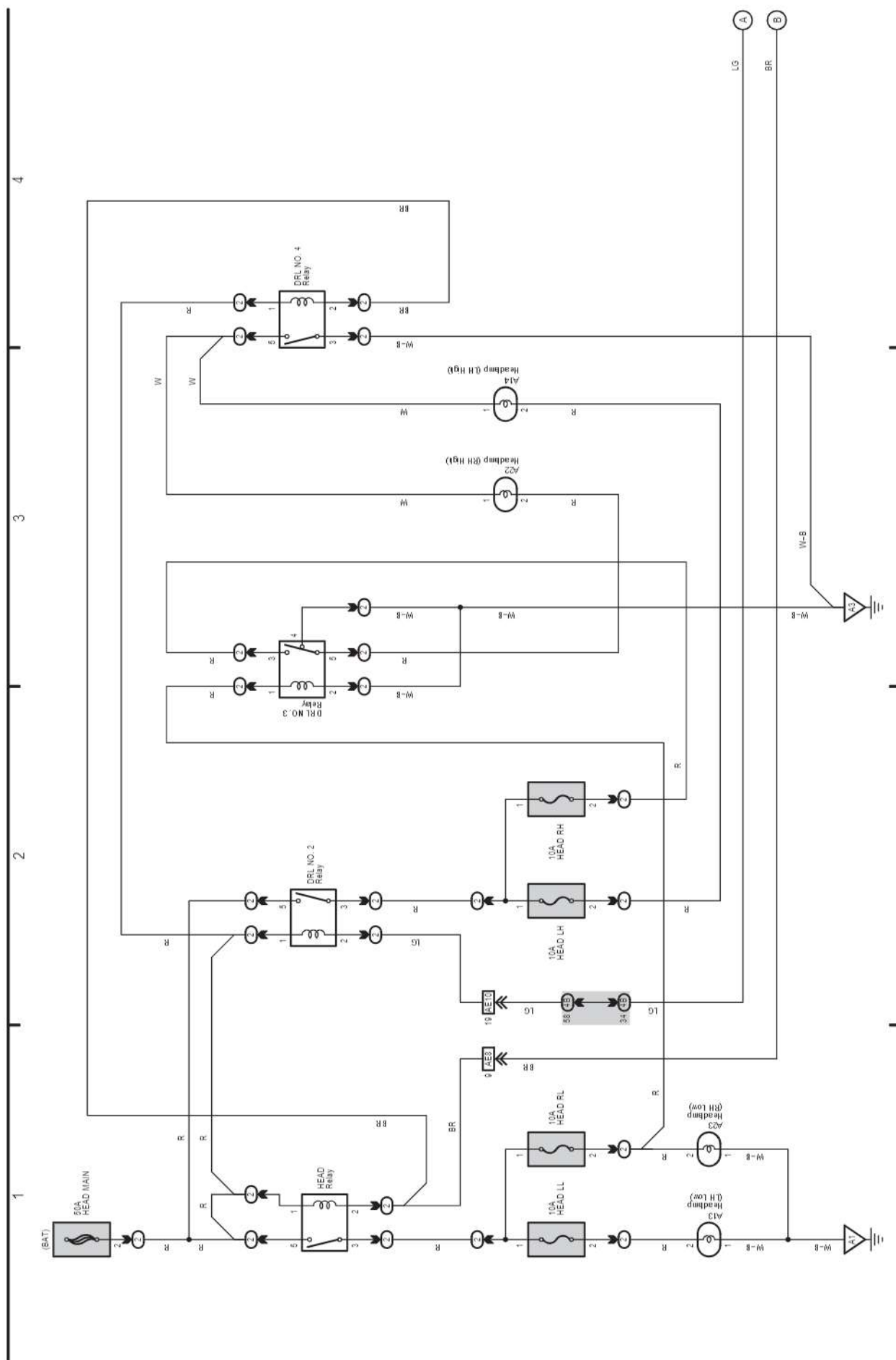


M OVERALL ELECTRICAL WIRING DIAGRAM

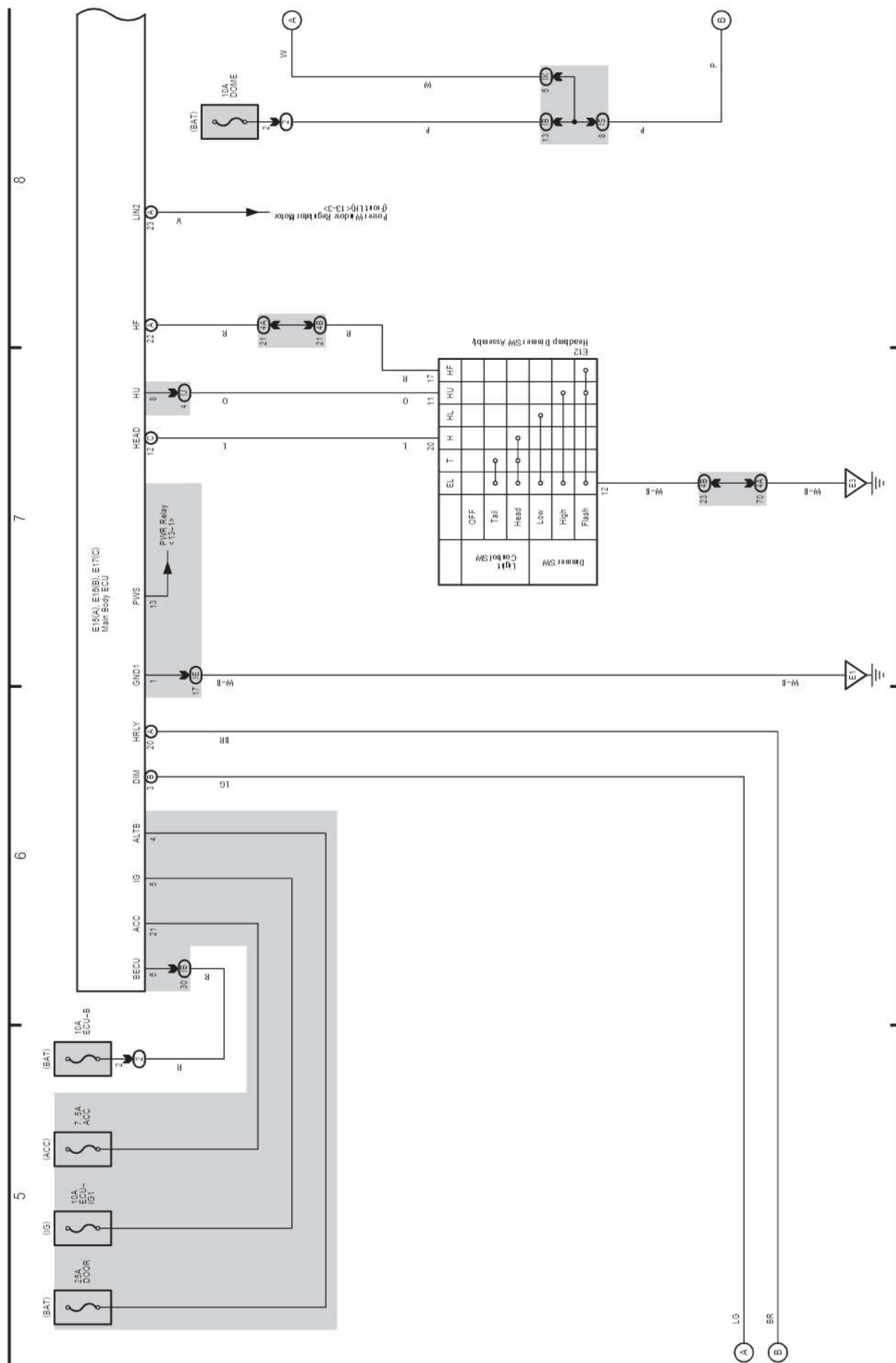
(Cont. next page)

2 RAV4

Multiplex Communication System (CAN)



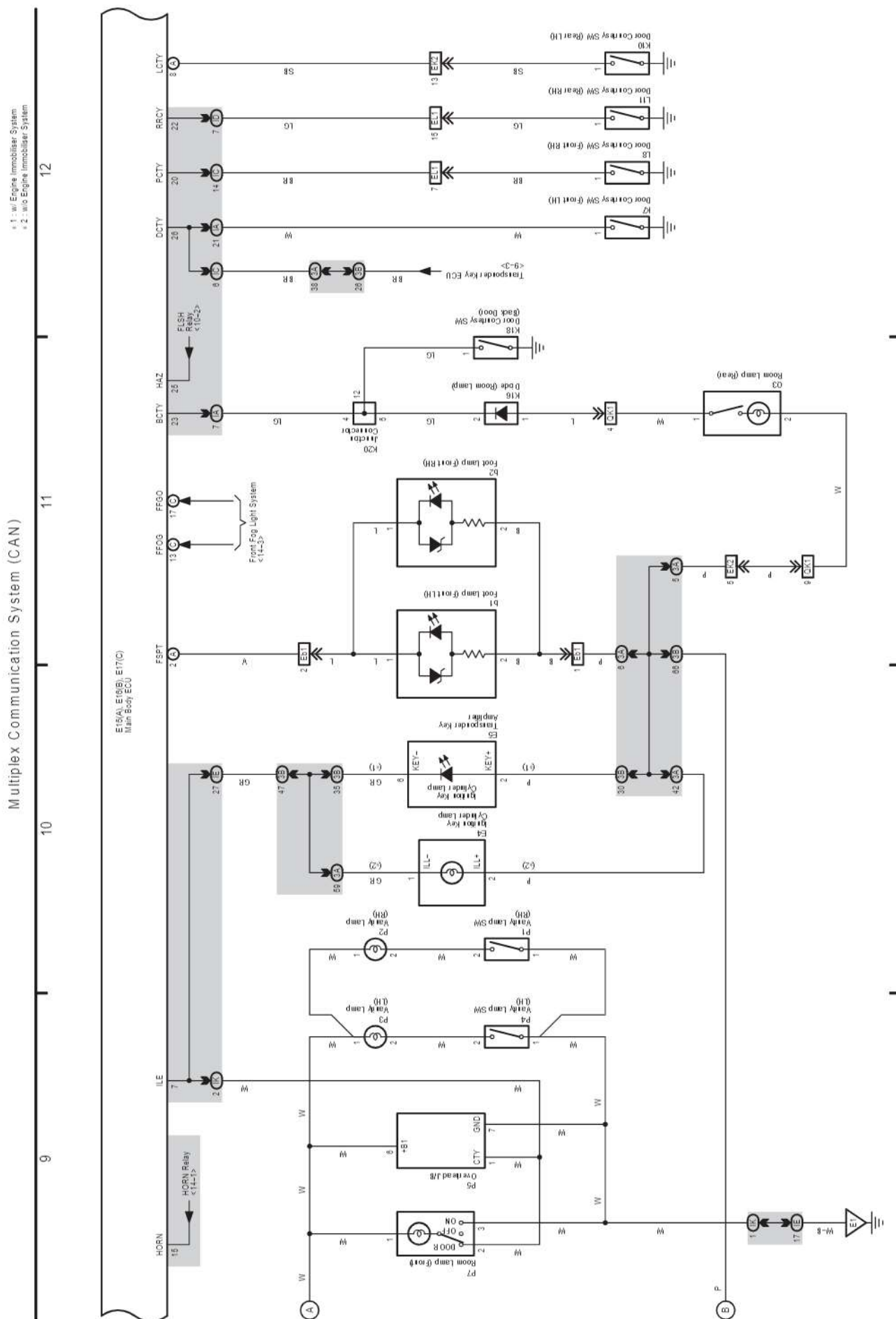
Multiplex Communication System (CAN)



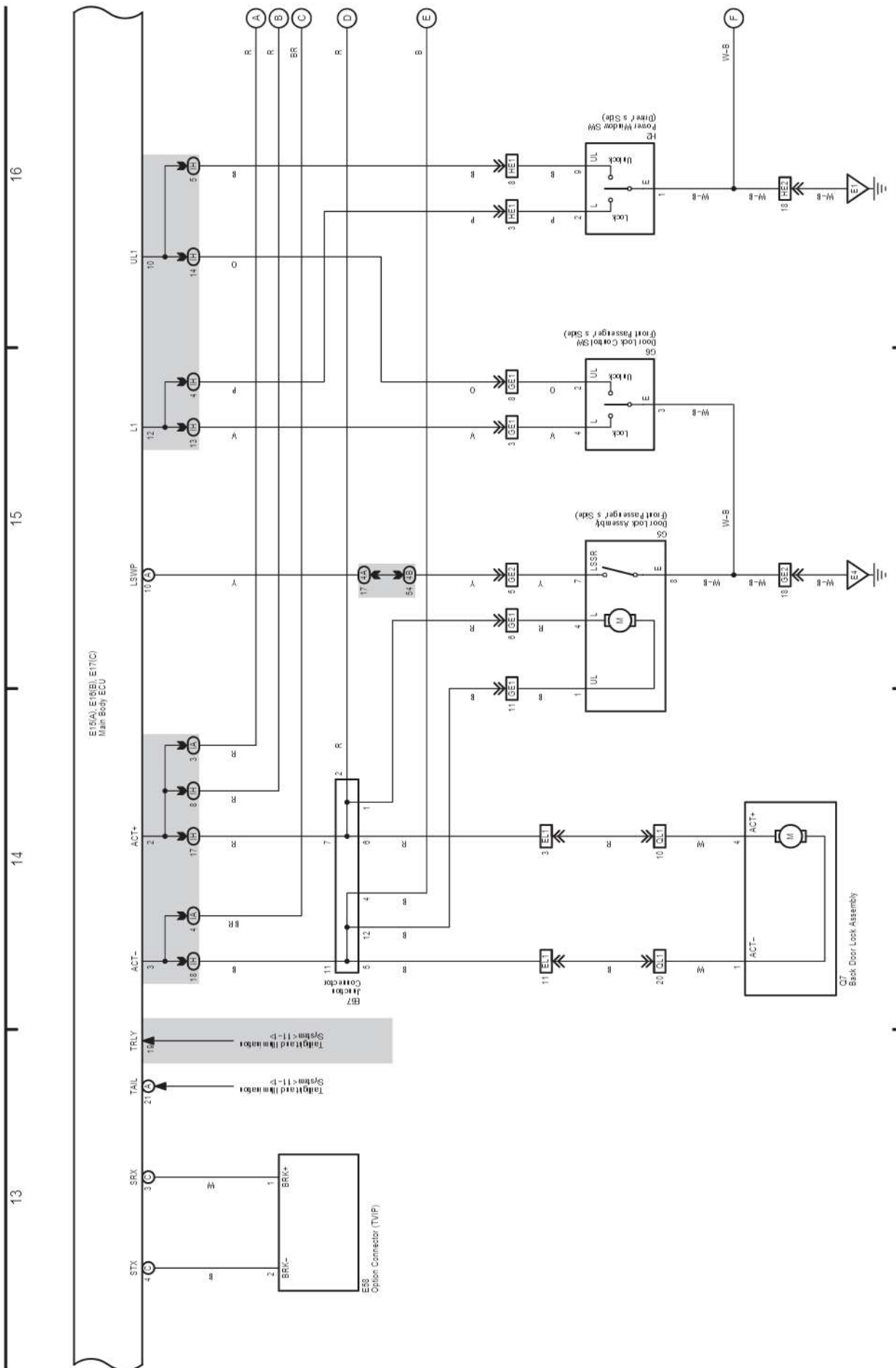
M OVERALL ELECTRICAL WIRING DIAGRAM

2 RAV4 (Cont' d)

(Cont. next page)



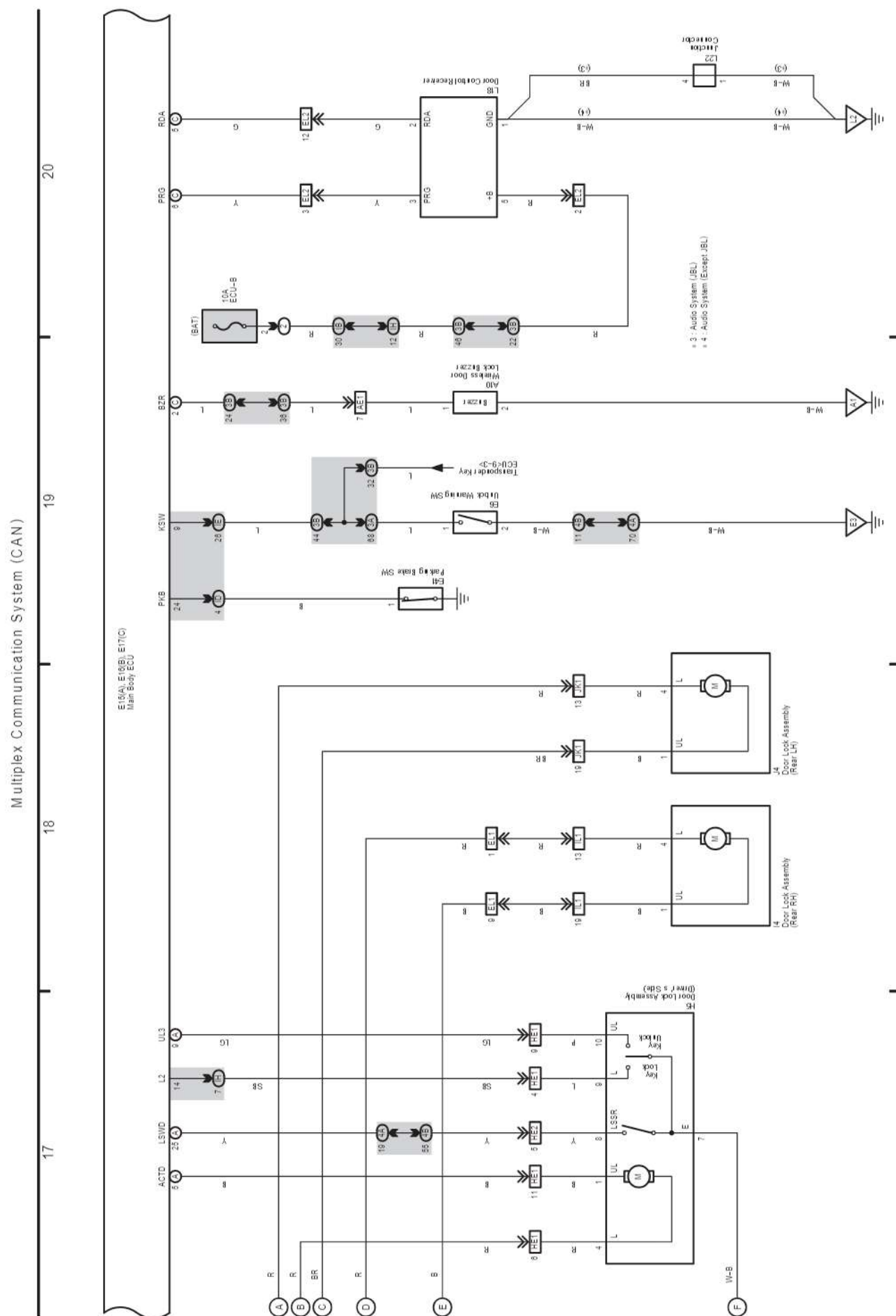
Multiplex Communication System (CAN)



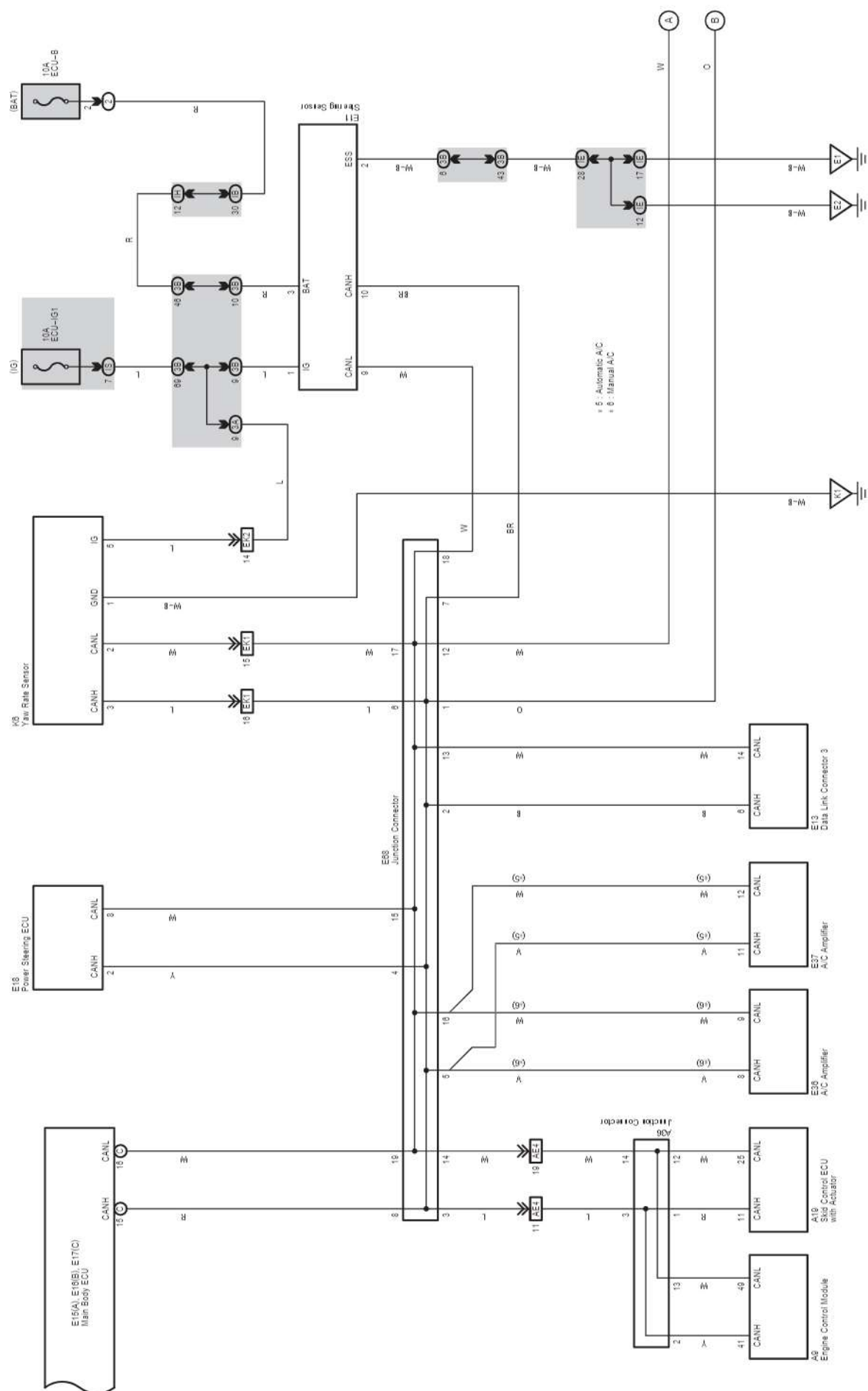
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

2 RAV4 (Cont' d)

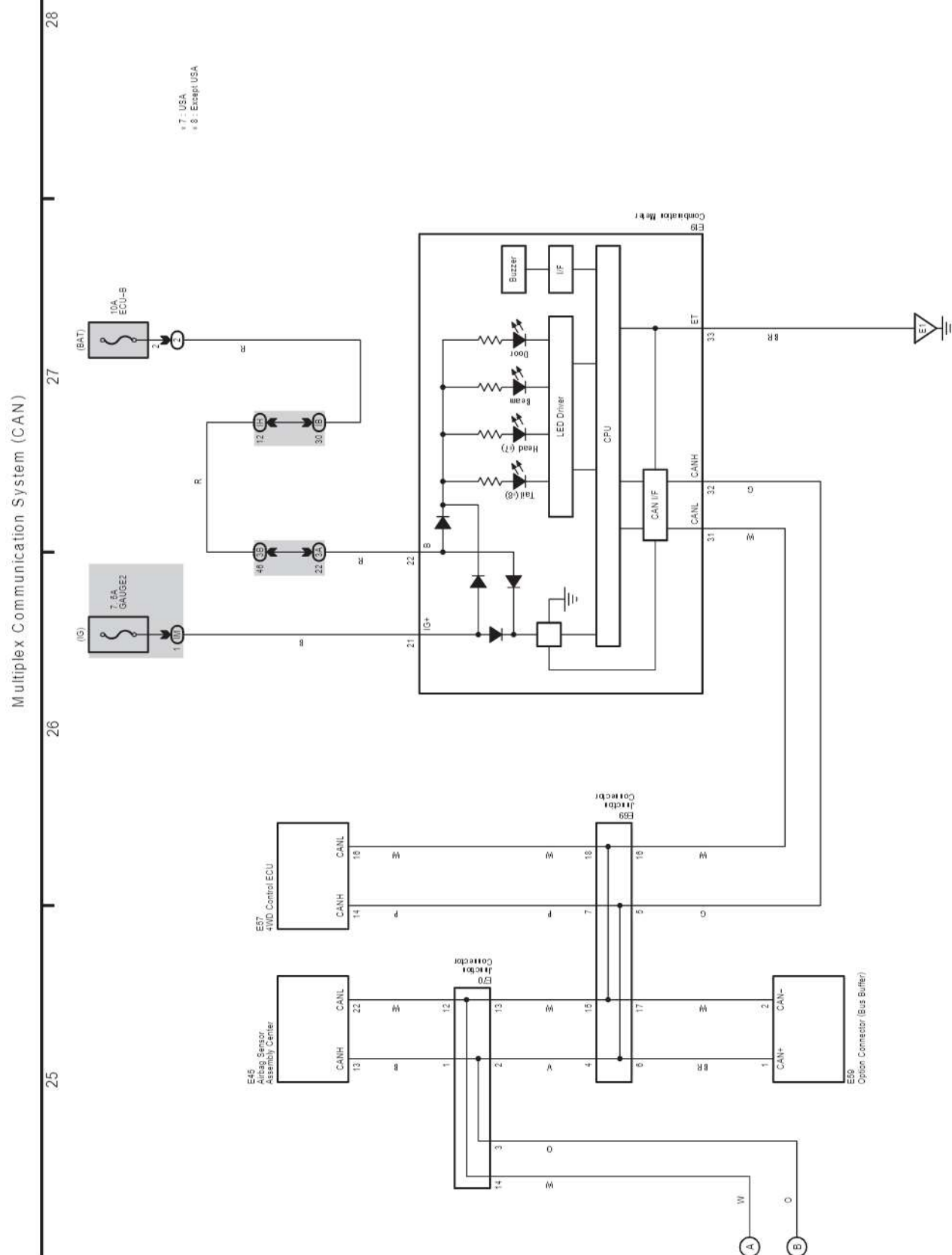


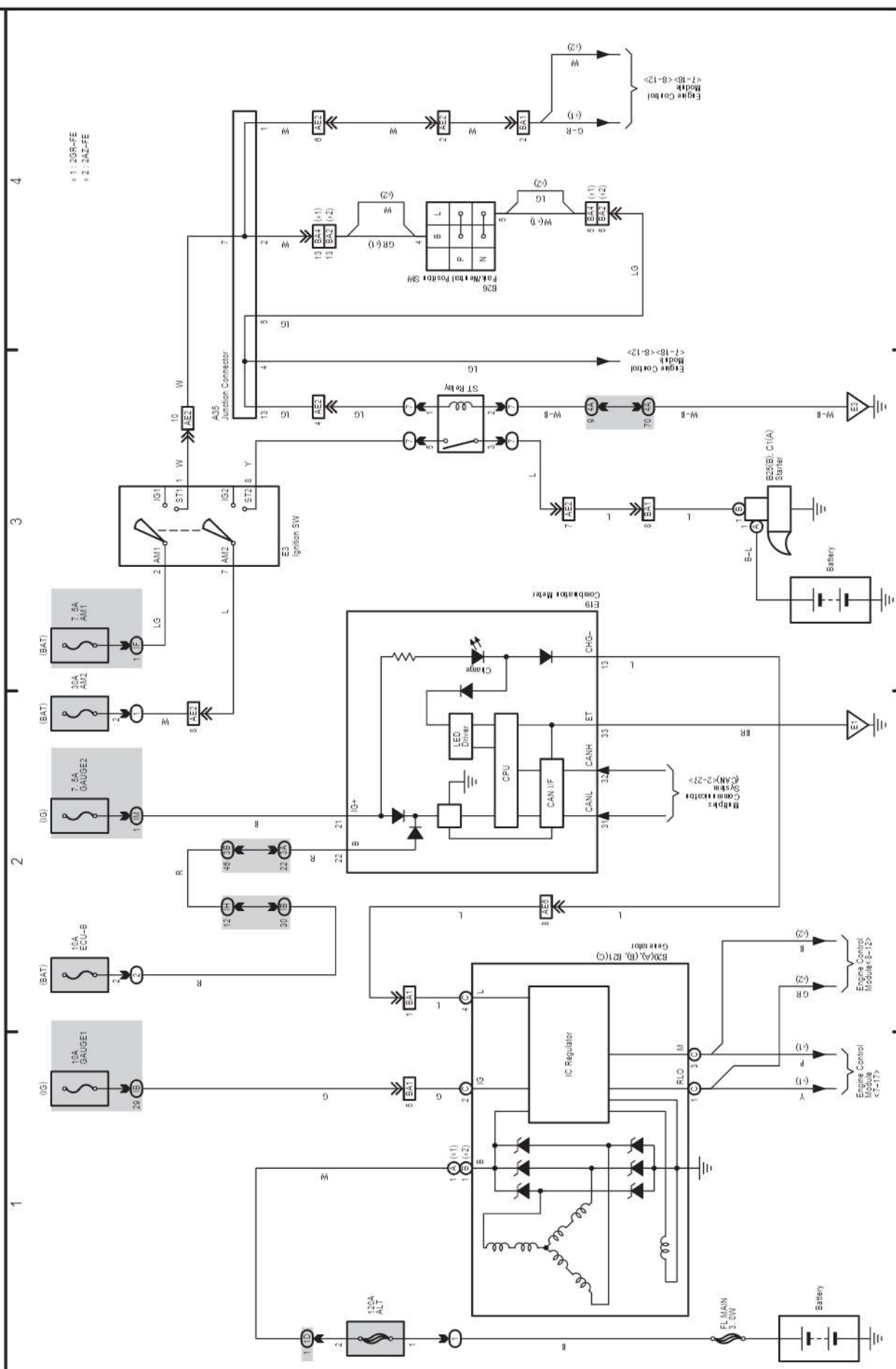
24



M OVERALL ELECTRICAL WIRING DIAGRAM

2 RAV4 (Cont' d)

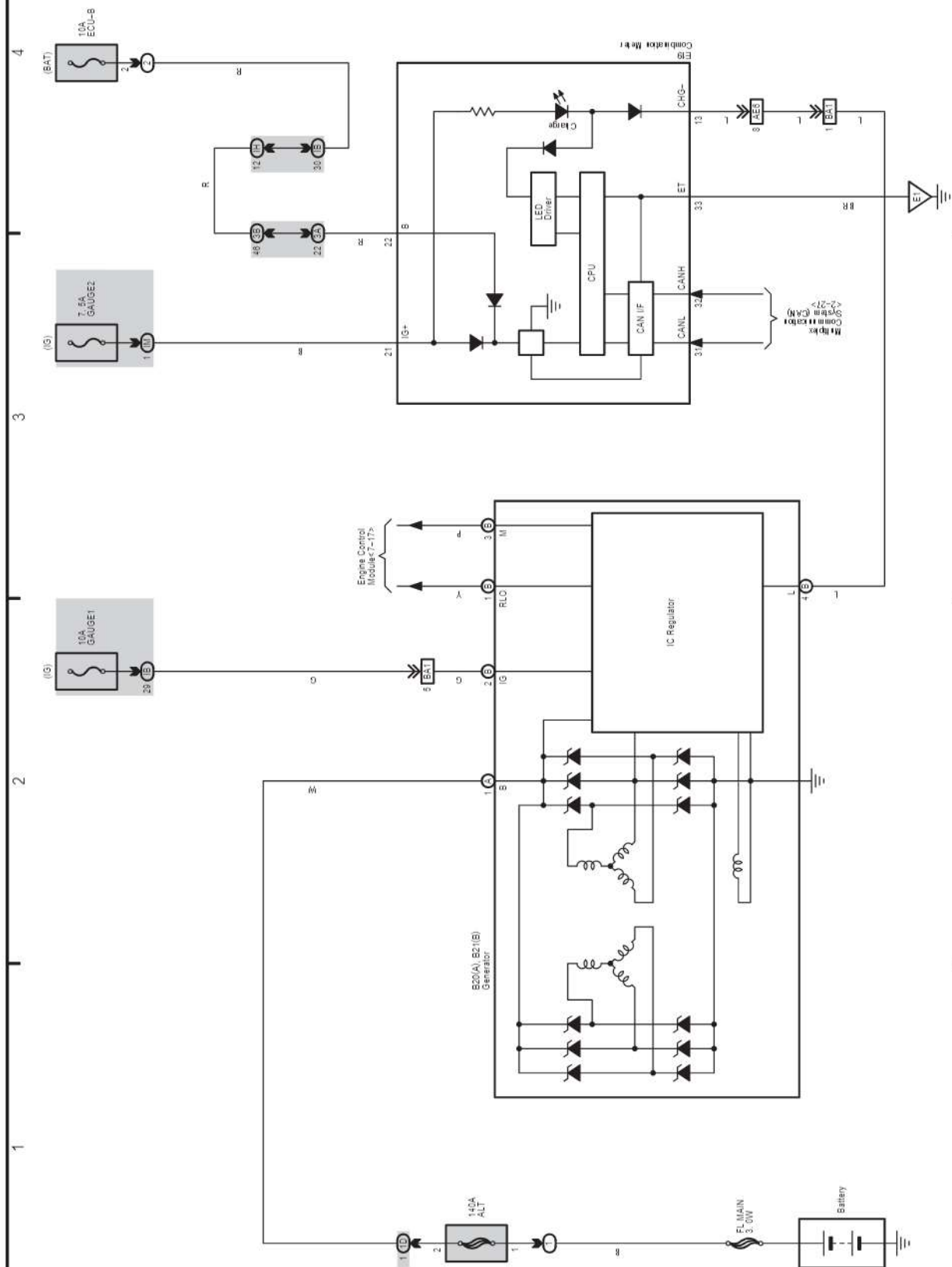




M OVERALL ELECTRICAL WIRING DIAGRAM

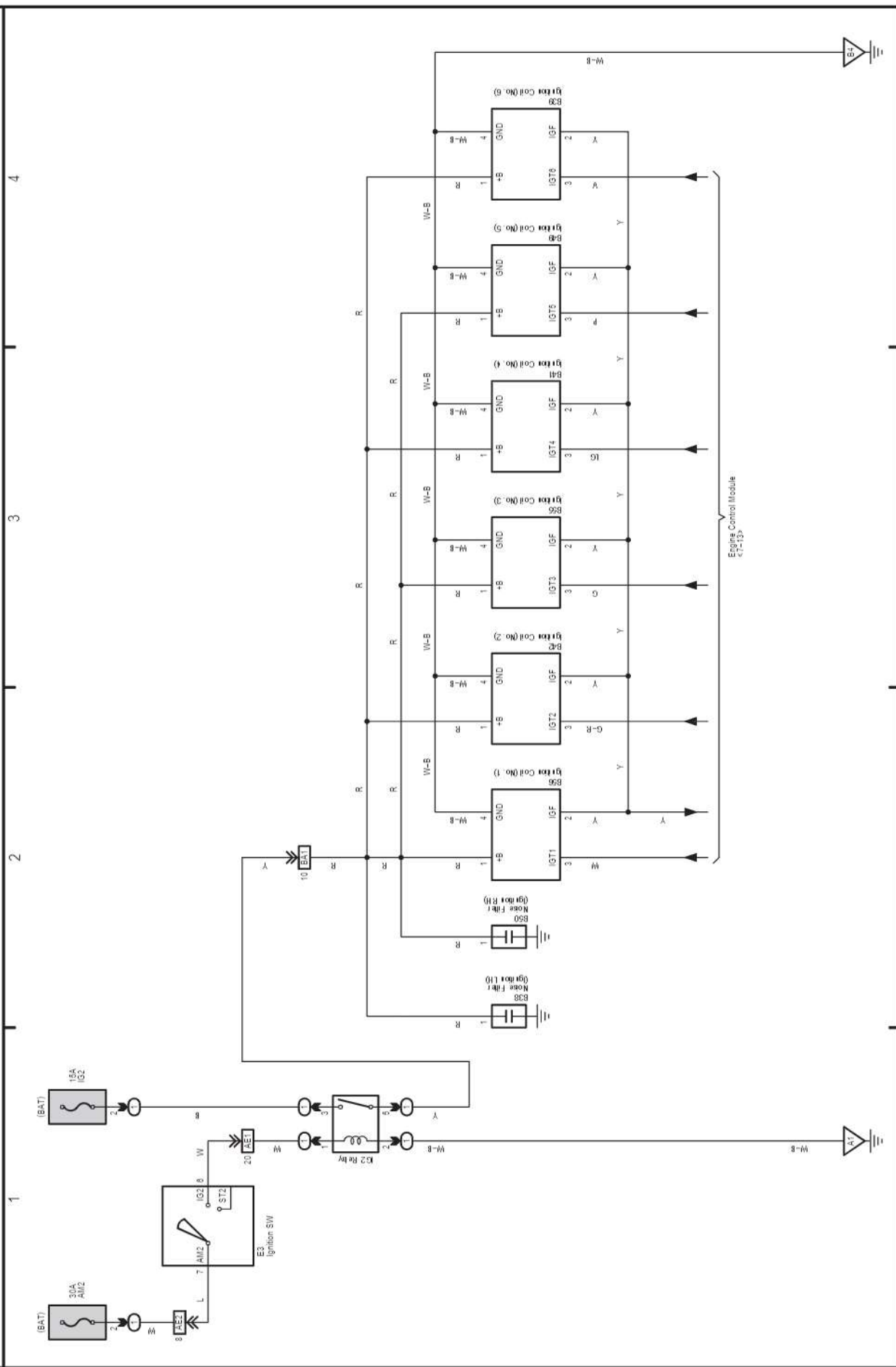
4 RAV4

Charging (w/ Trailer Towing)



5 RAV4

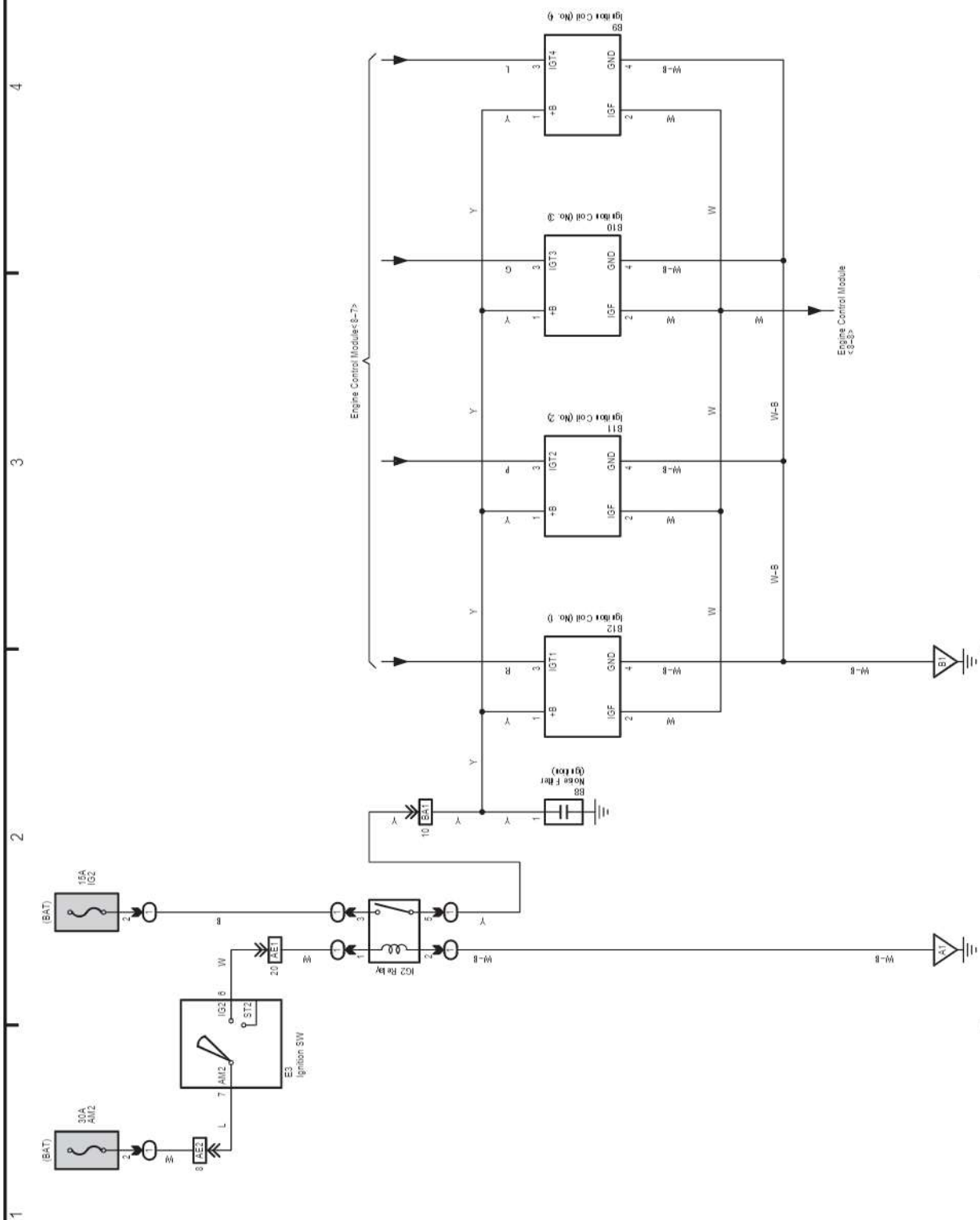
Ignition (2GR-FE)



M OVERALL ELECTRICAL WIRING DIAGRAM

6 RAV4

Ignition (2AZ-FE)



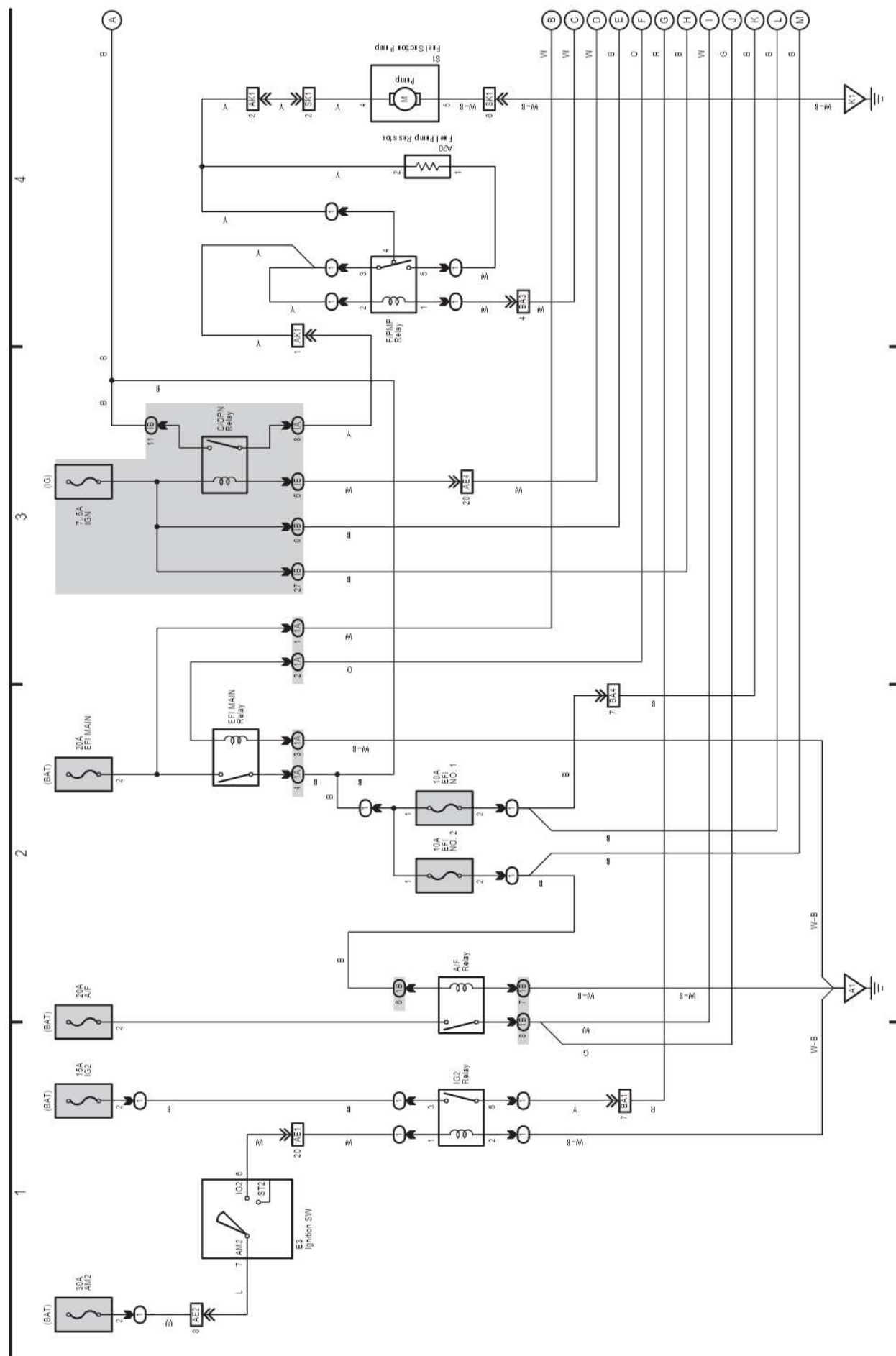
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M OVERALL ELECTRICAL WIRING DIAGRAM

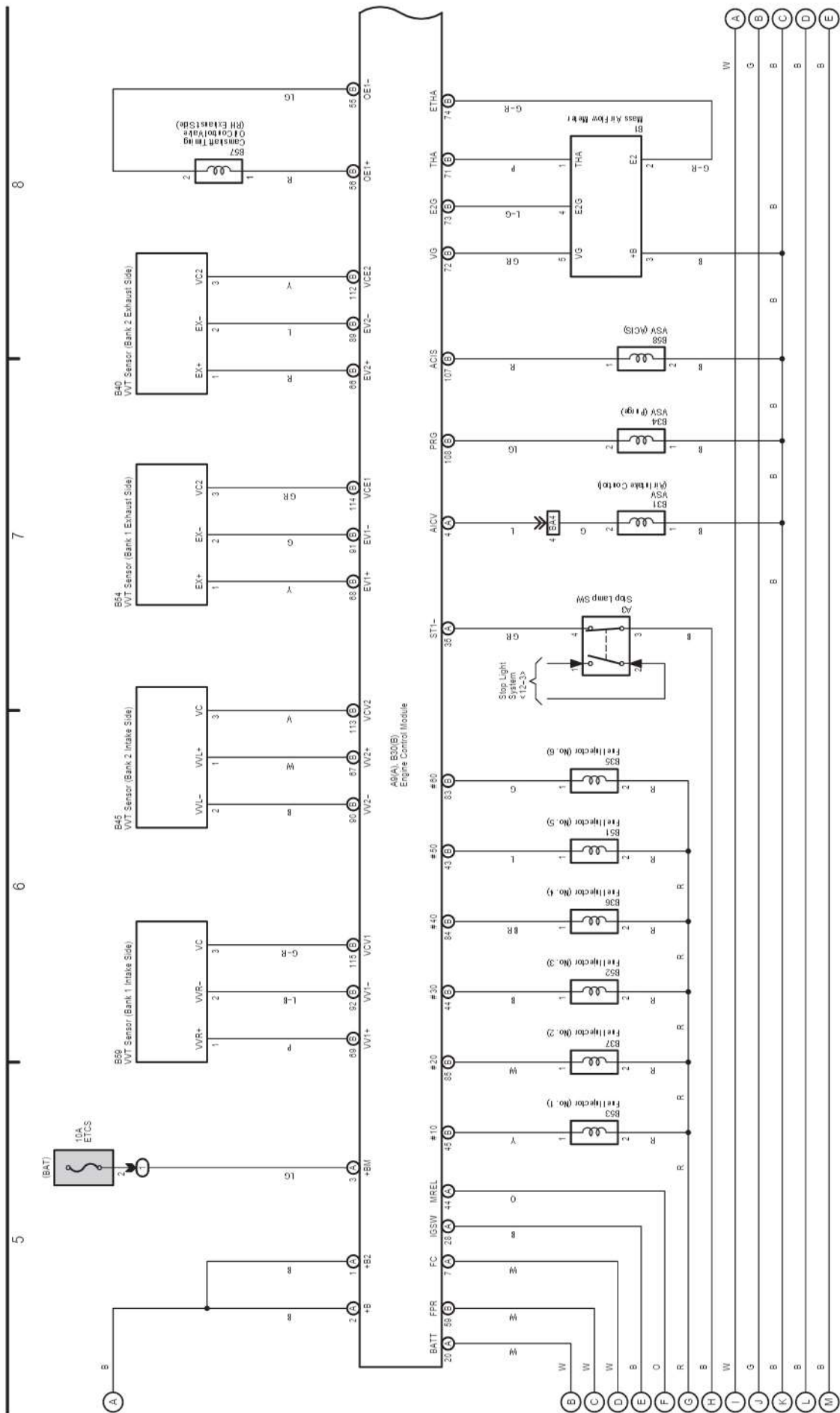
(Cont. next page)

7 RAV4

Engine Control (2GR-FE)



Engine Control (2GR-FE)

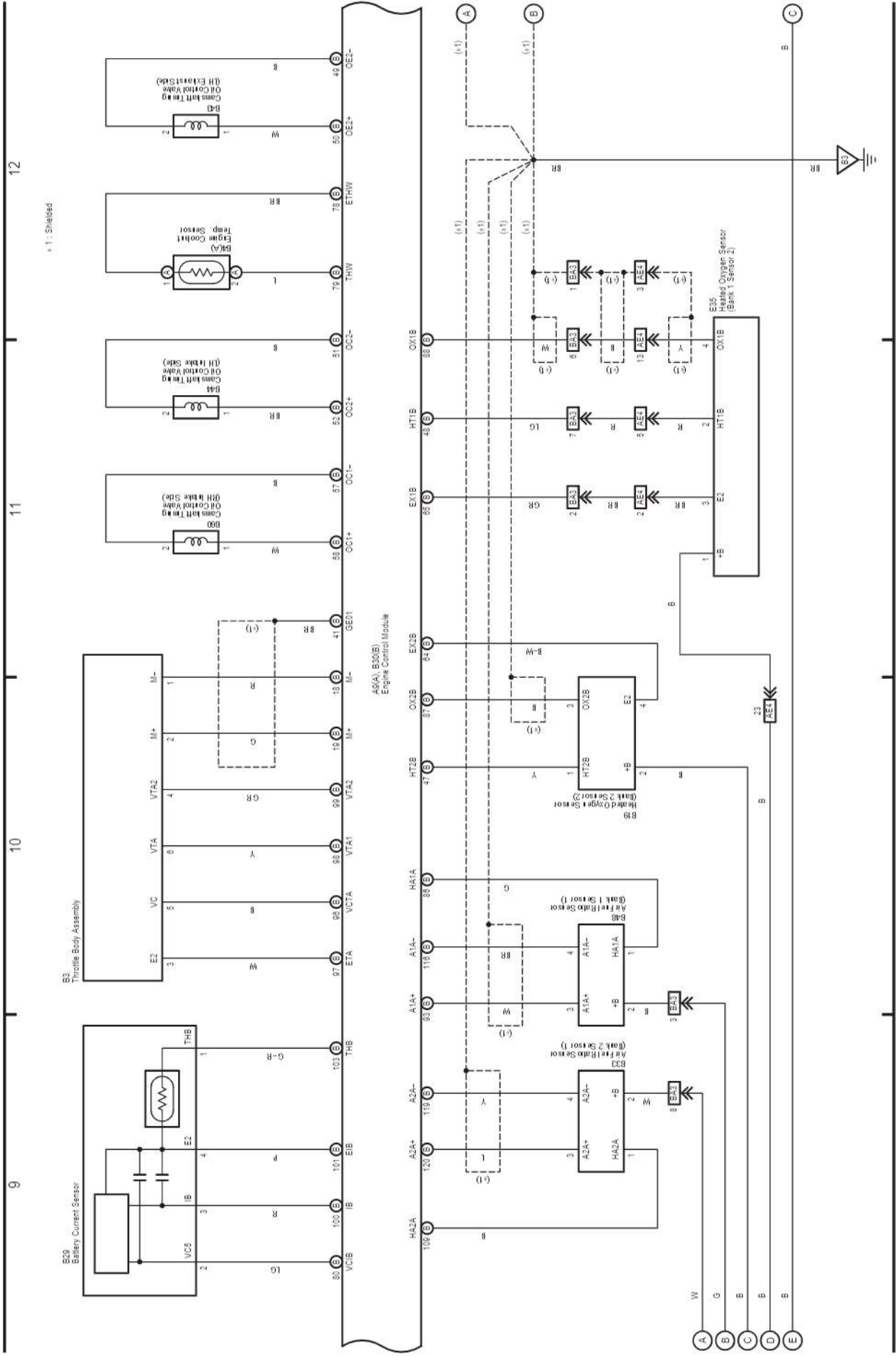


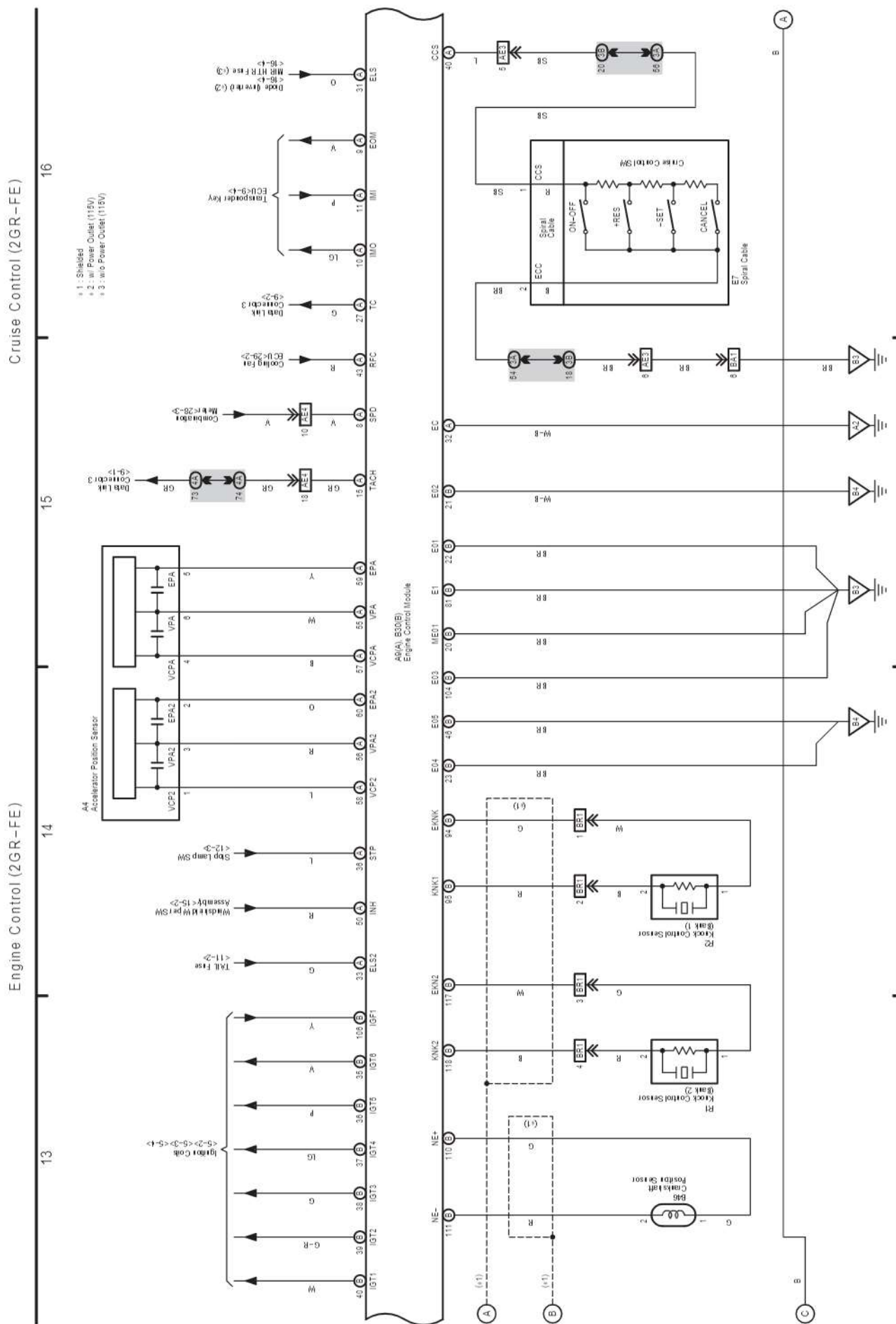
M OVERALL ELECTRICAL WIRING DIAGRAM

7 RAV4 (Cont' d)

(Cont. next page)

Engine Control (2GR-FE)





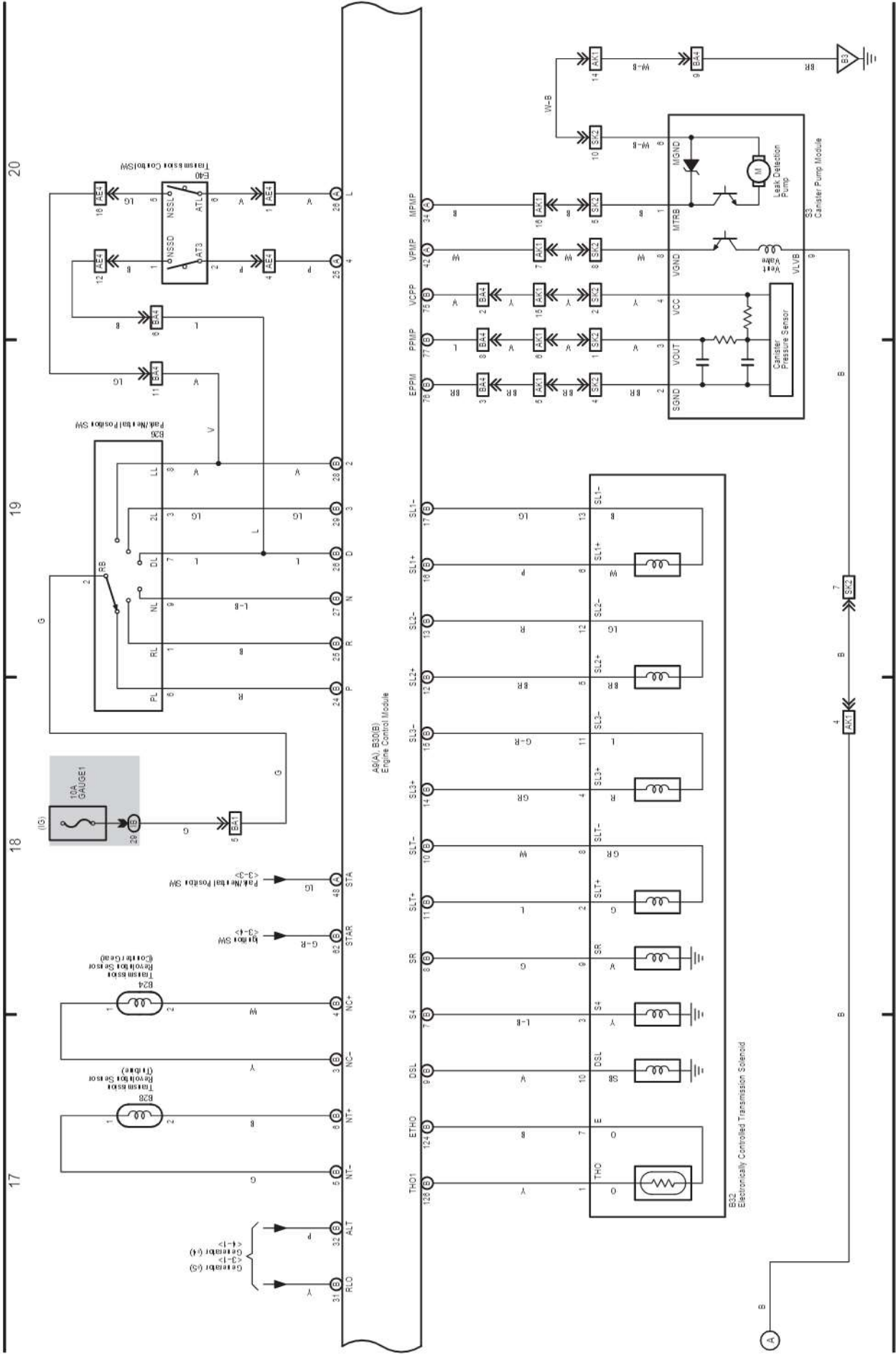
M OVERALL ELECTRICAL WIRING DIAGRAM

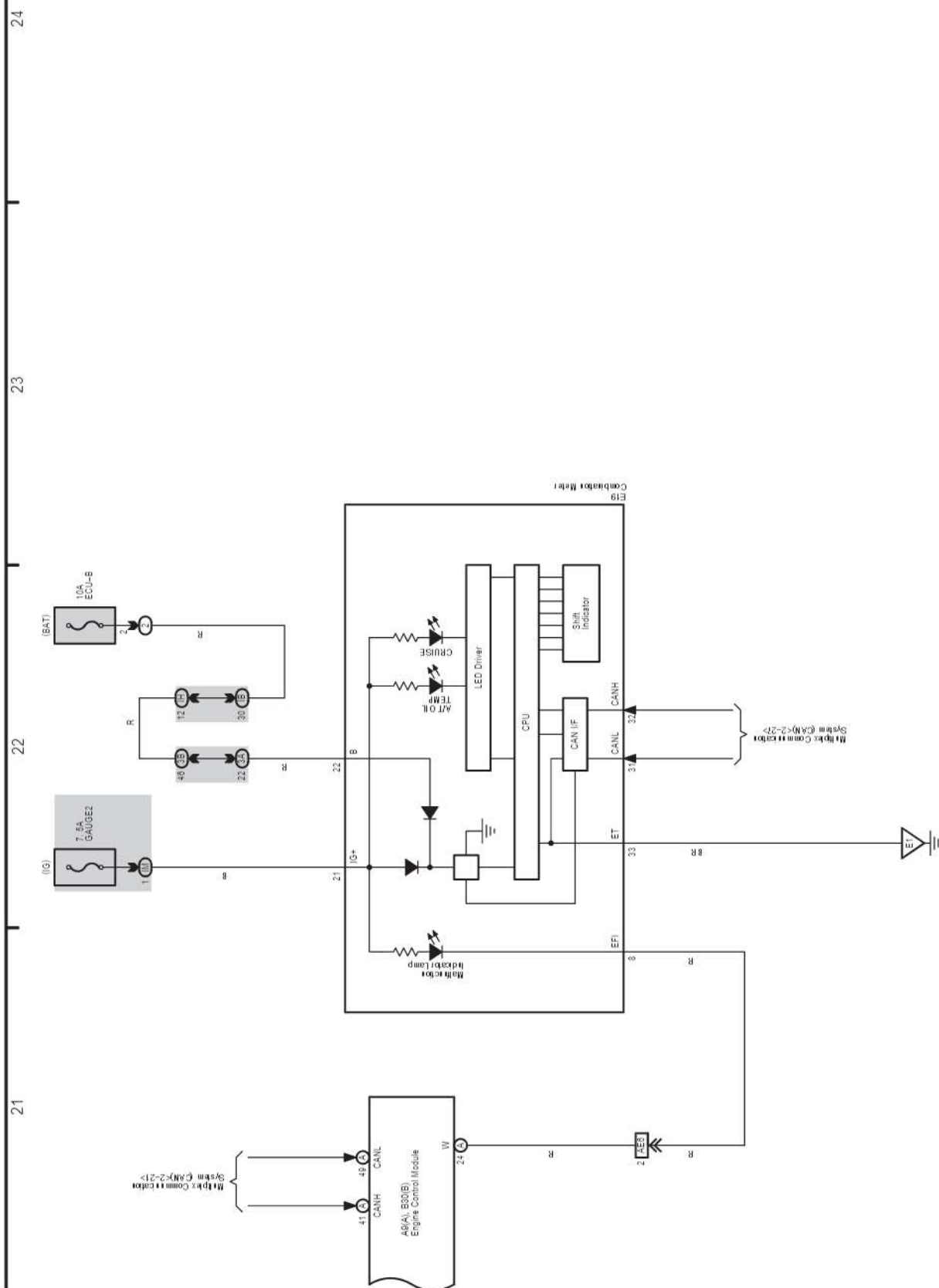
7 RAV4 (Cont' d)

(Cont. next page)

Electronically Controlled Transmission and A/T Indicator (2GR-FE)

* 4 : w/ Trailer Towing
* 5 : w/o Trailer Towing



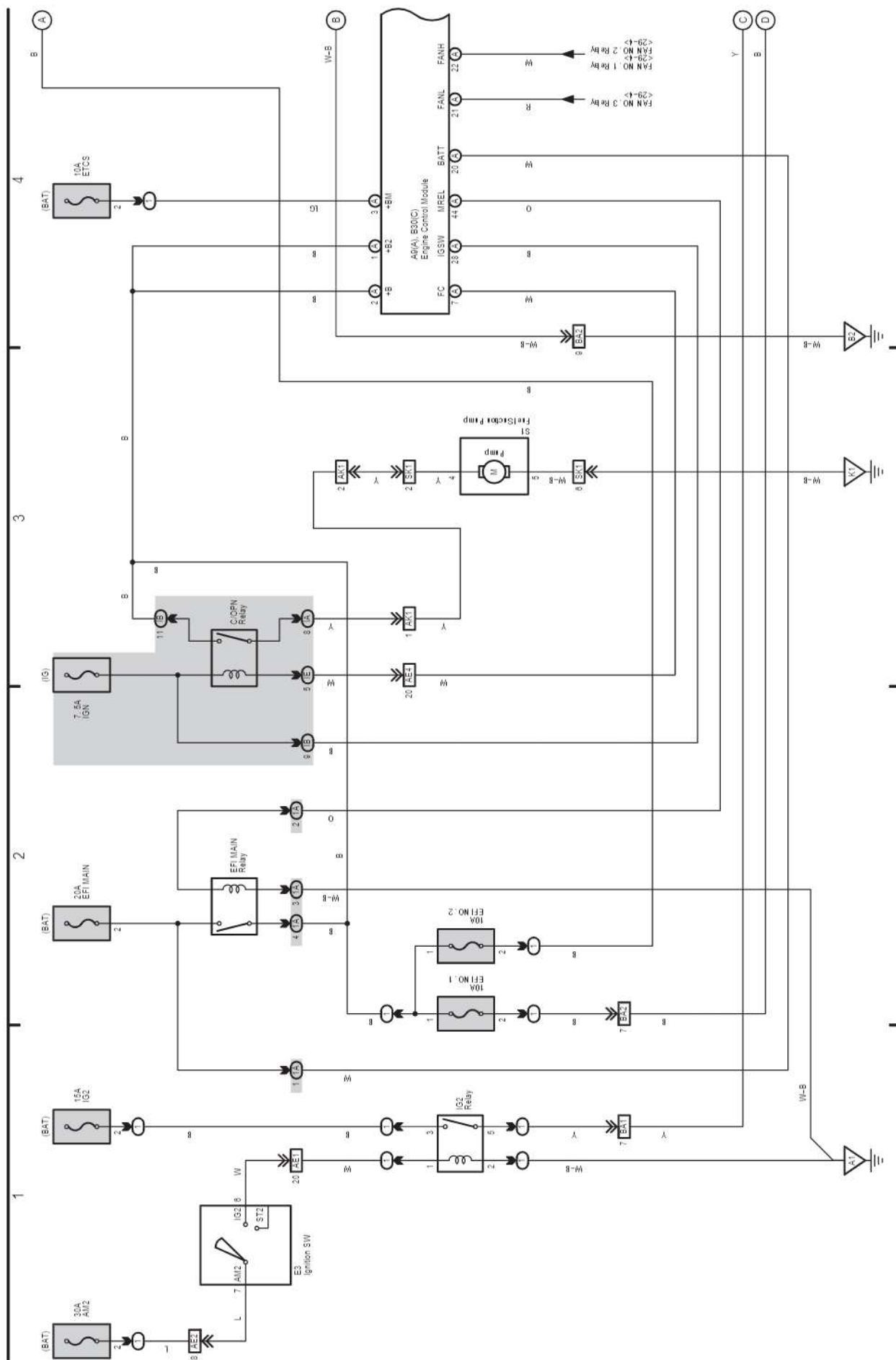


M OVERALL ELECTRICAL WIRING DIAGRAM

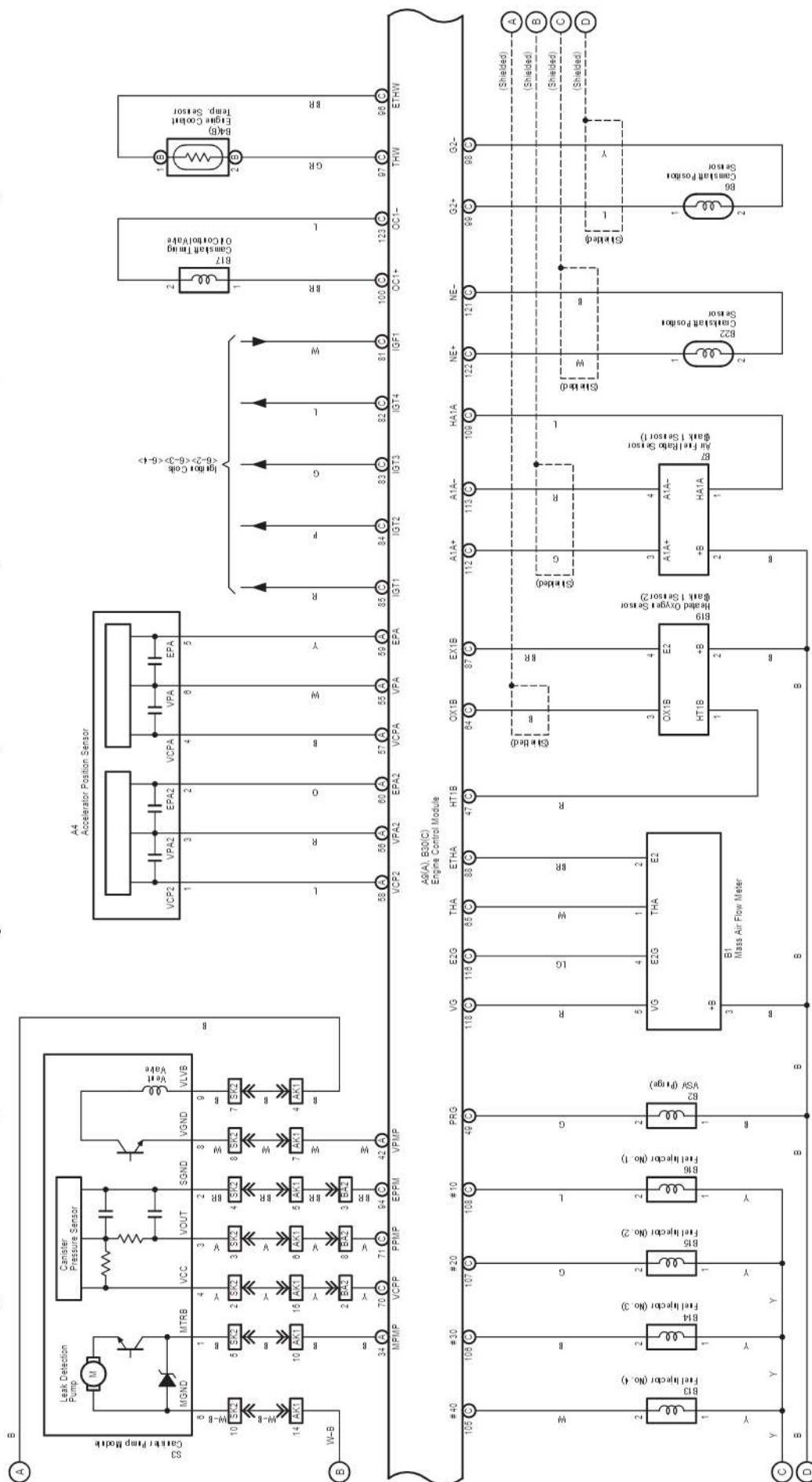
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8 RAV4

Engine Control (2AZ-FE)



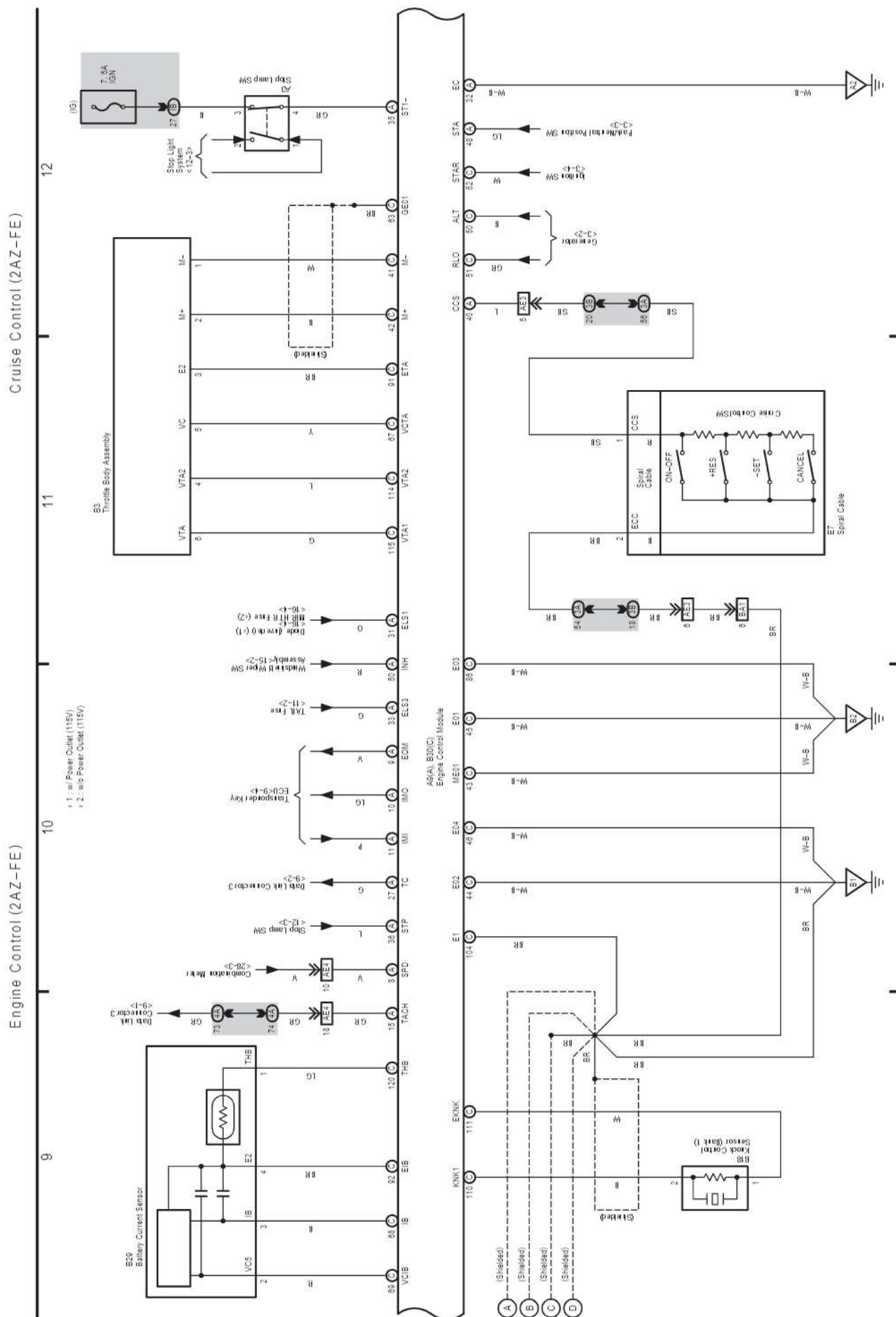
8



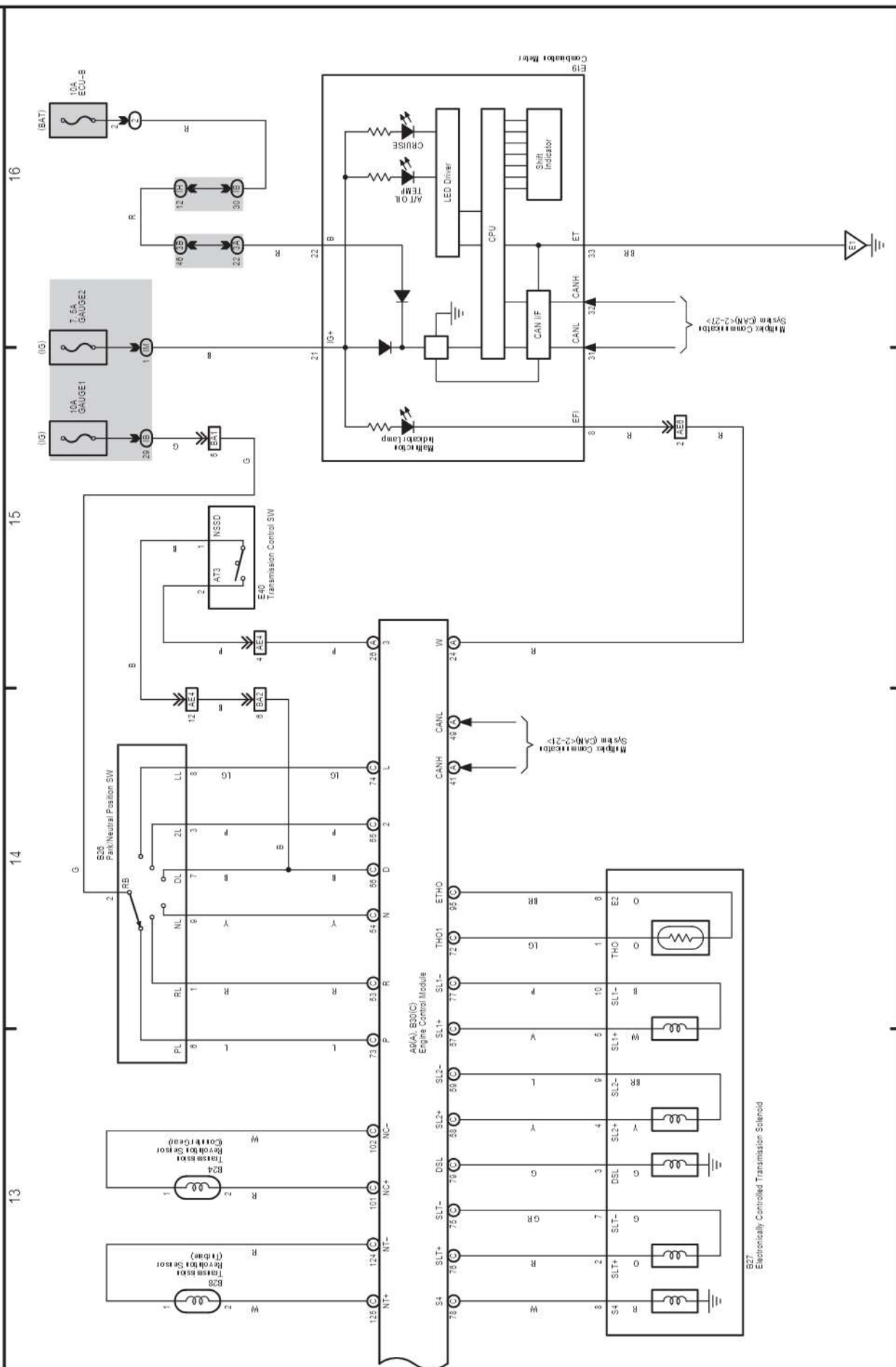
M OVERALL ELECTRICAL WIRING DIAGRAM

8 RAV4 (Cont' d)

(Cont. next page)

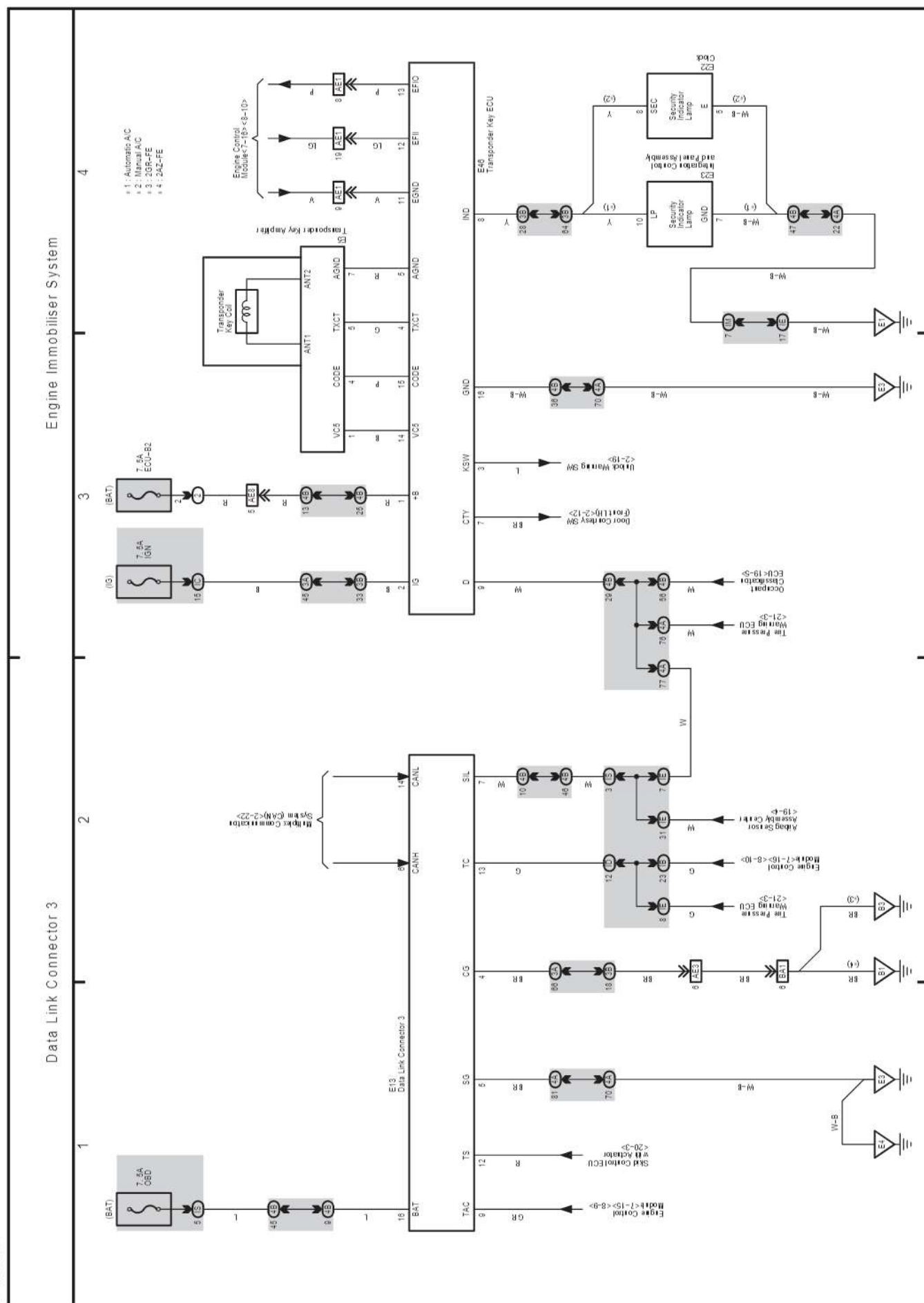


Electronically Controlled Transmission and A/T Indicator (2AZ-FE)

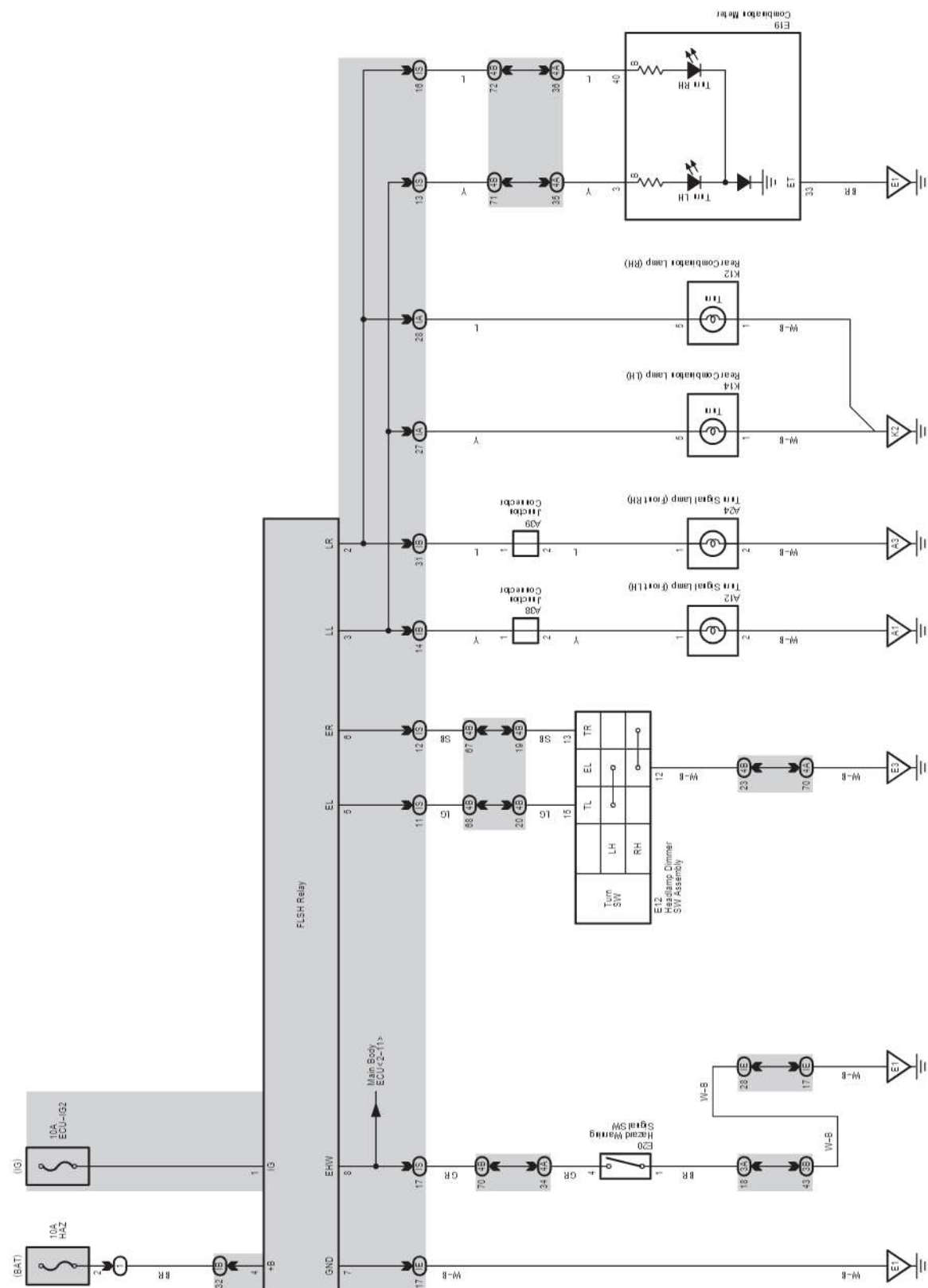


M OVERALL ELECTRICAL WIRING DIAGRAM

9 RAV4



7

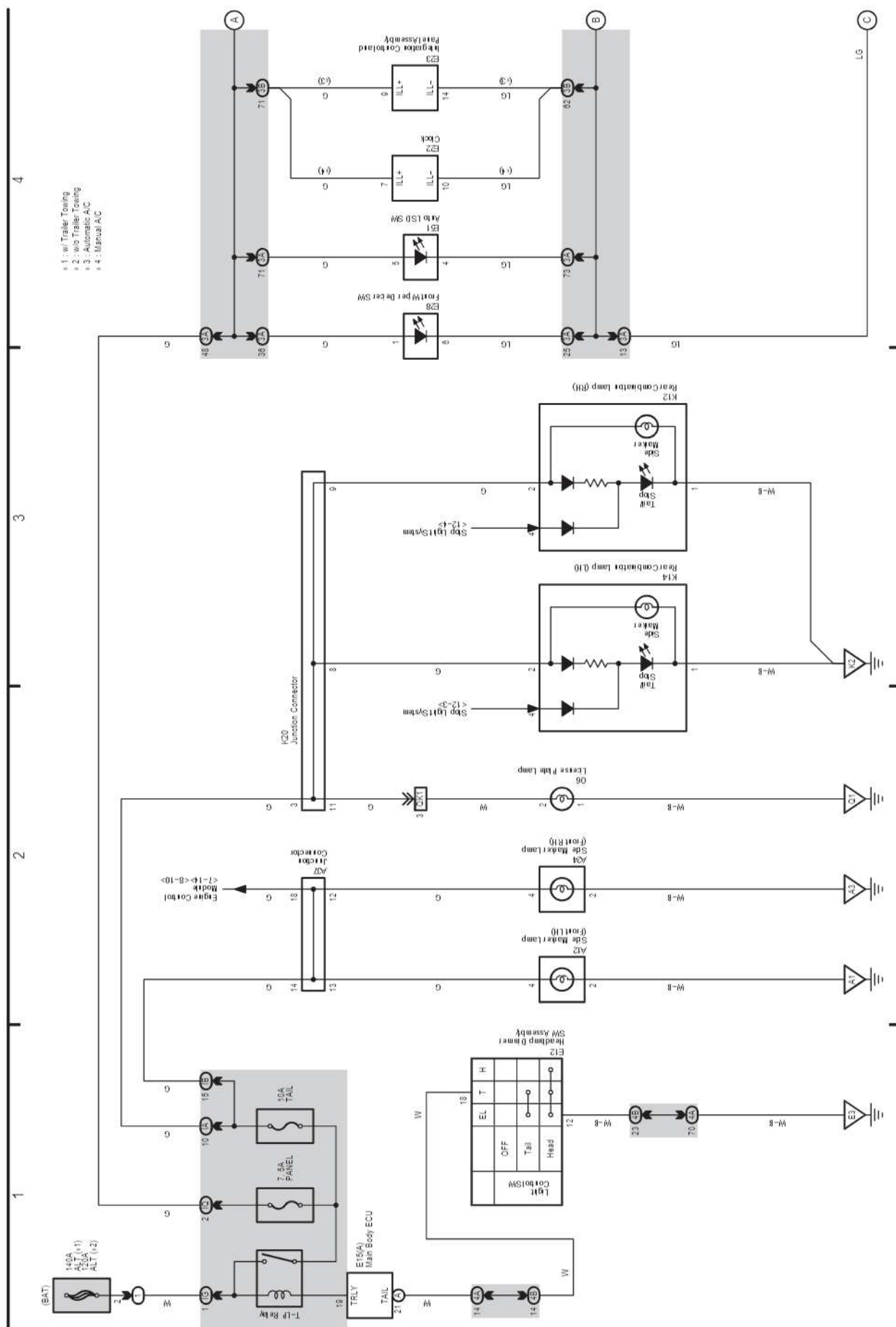


M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

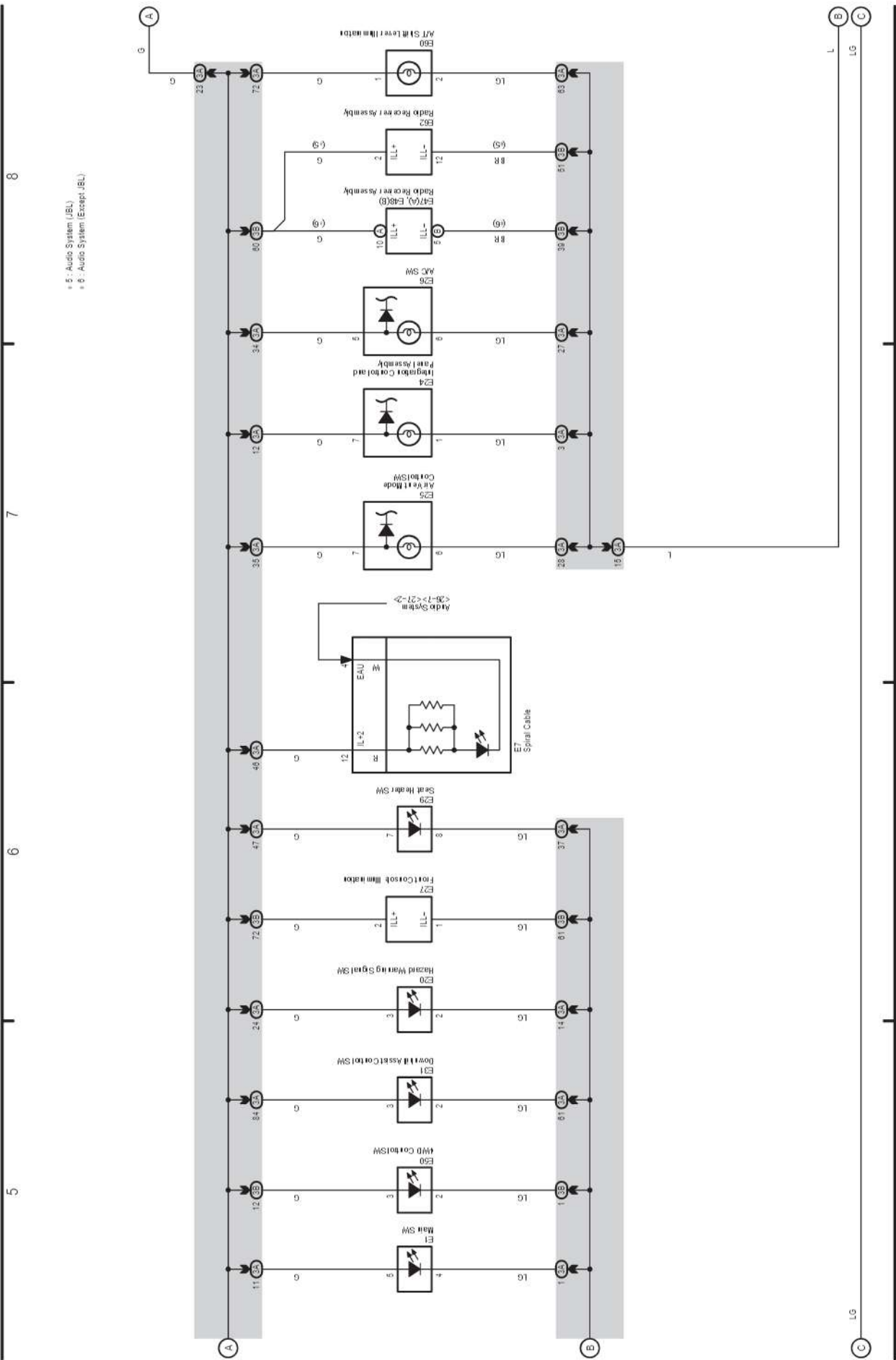
11 RAV4

Taillight and Illumination



- 1 : w/ Trailer Towing
- 2 : w/o Trailer Towing
- 3 : Automatic A/C
- 4 : Manual A/C

Taillight and Illumination



M OVERALL ELECTRICAL WIRING DIAGRAM

11 RAV4 (Cont' d)

Taillight and Illumination

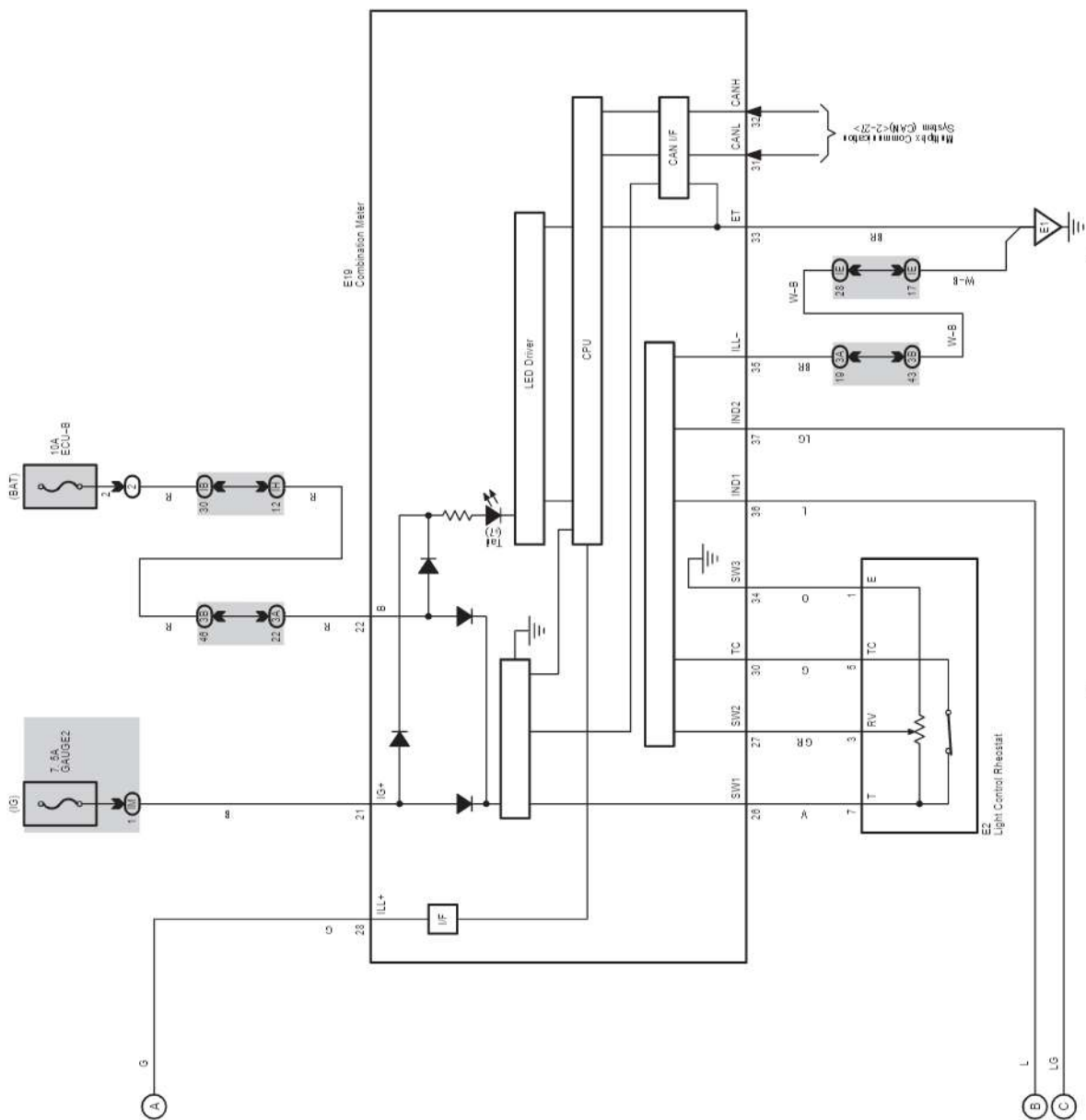
12

11

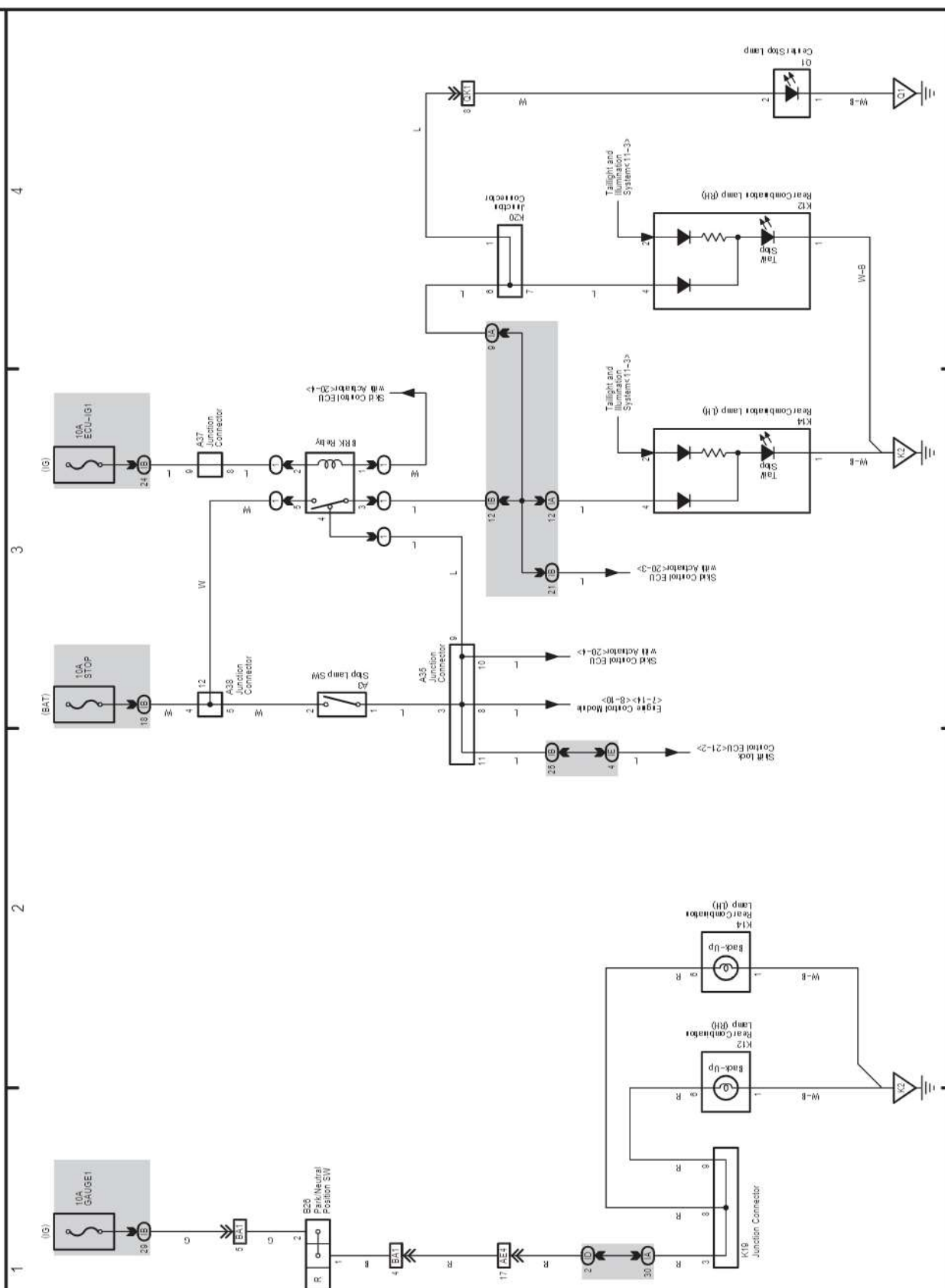
10

9

* 7: Except USA



Stop Light

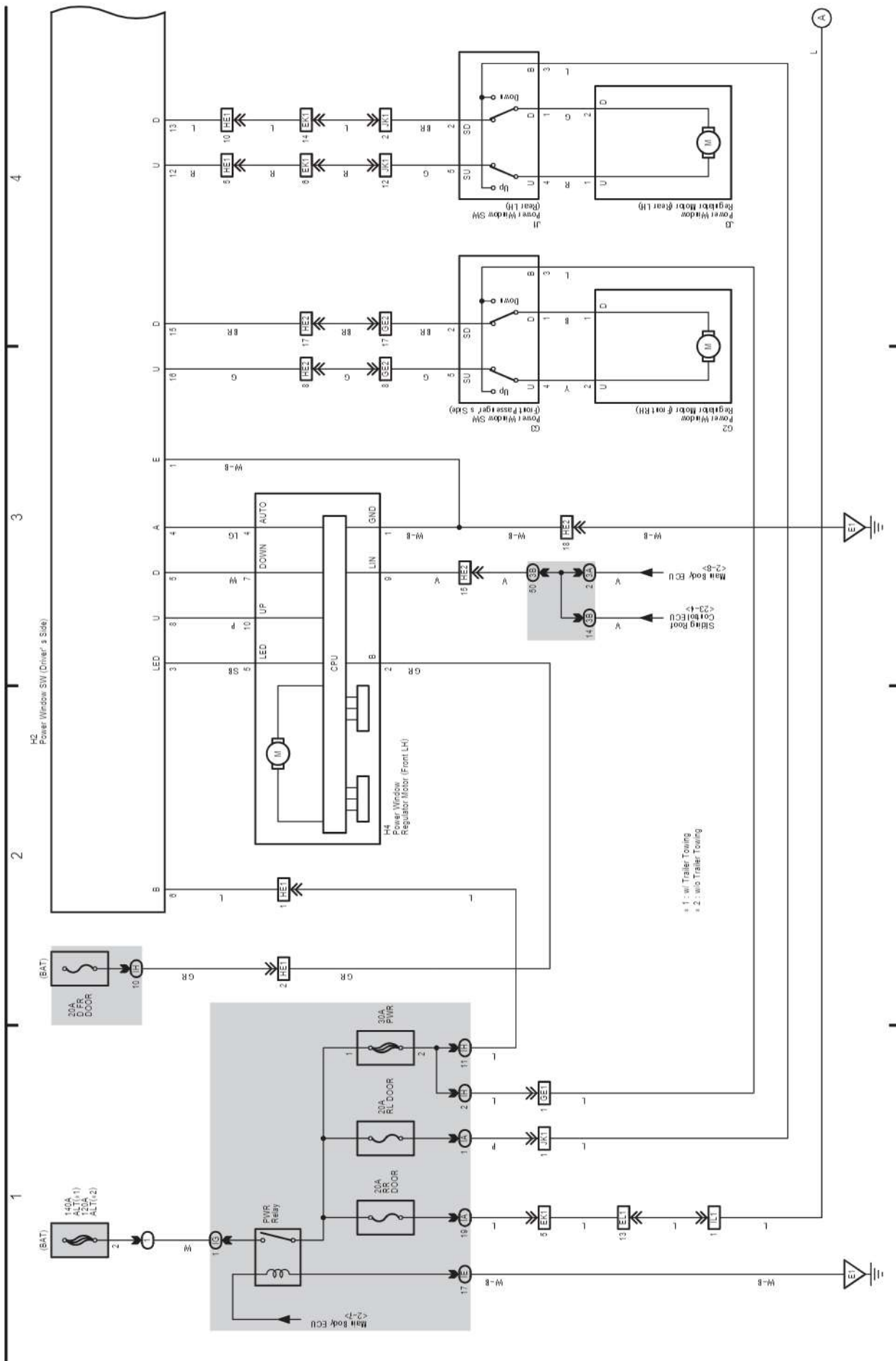


M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

13 RAV4

Power Window



13 RAV4 (Cont' d)

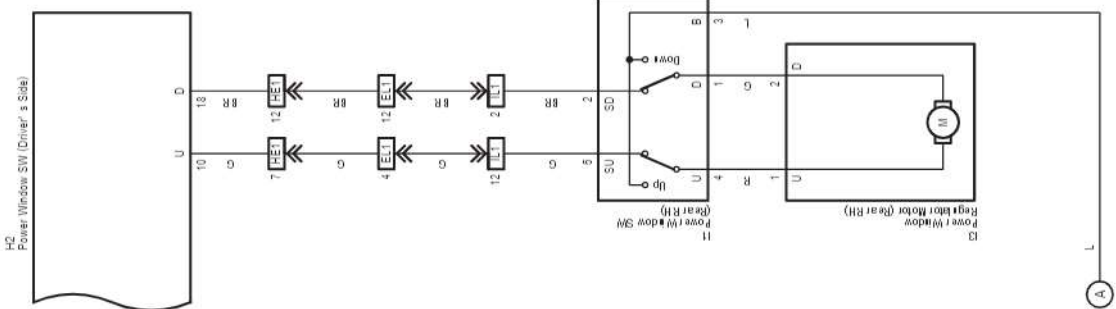
Power Window

8

7

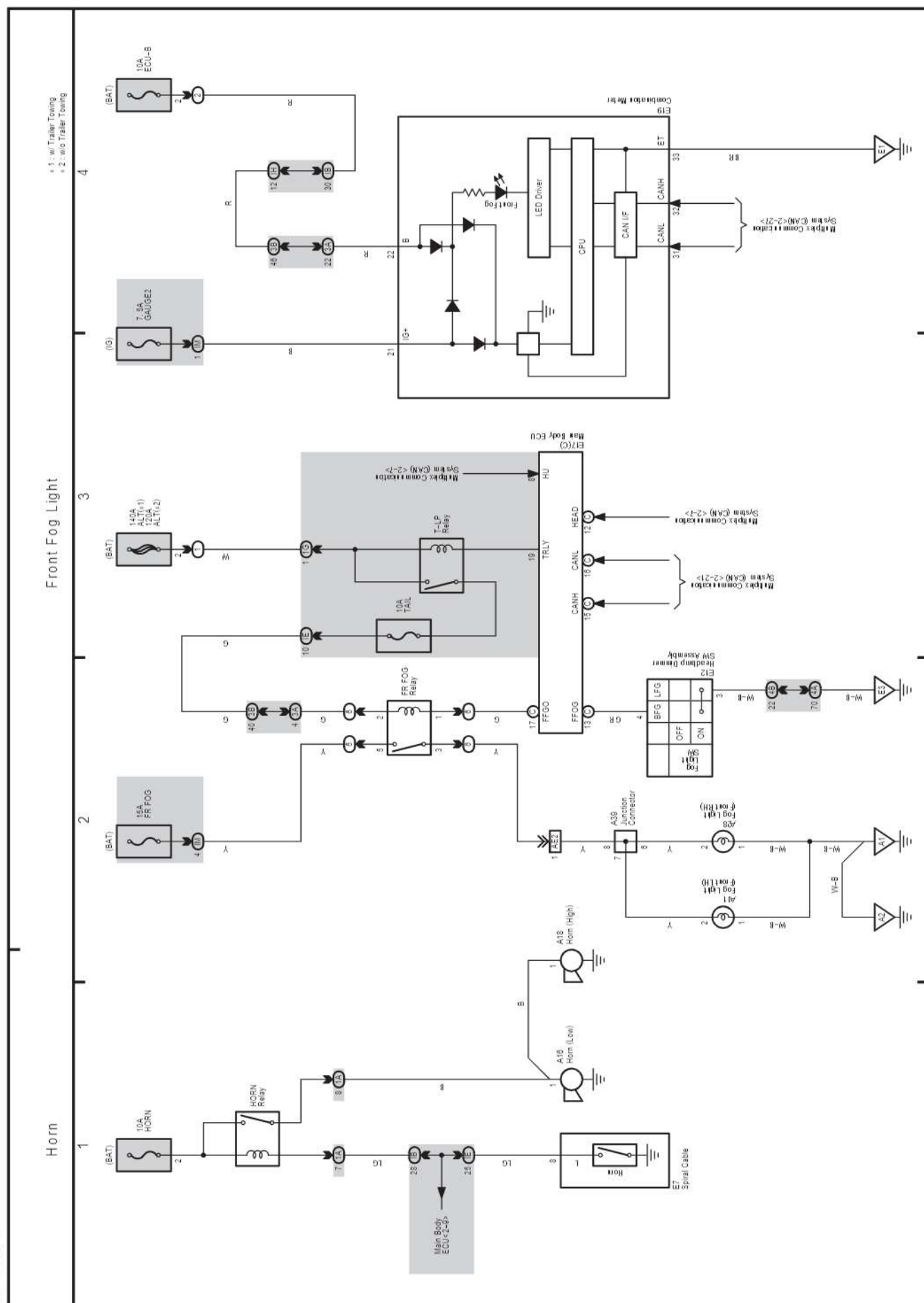
6

5



M OVERALL ELECTRICAL WIRING DIAGRAM

14 RAV4



Rear Wiper and Washer

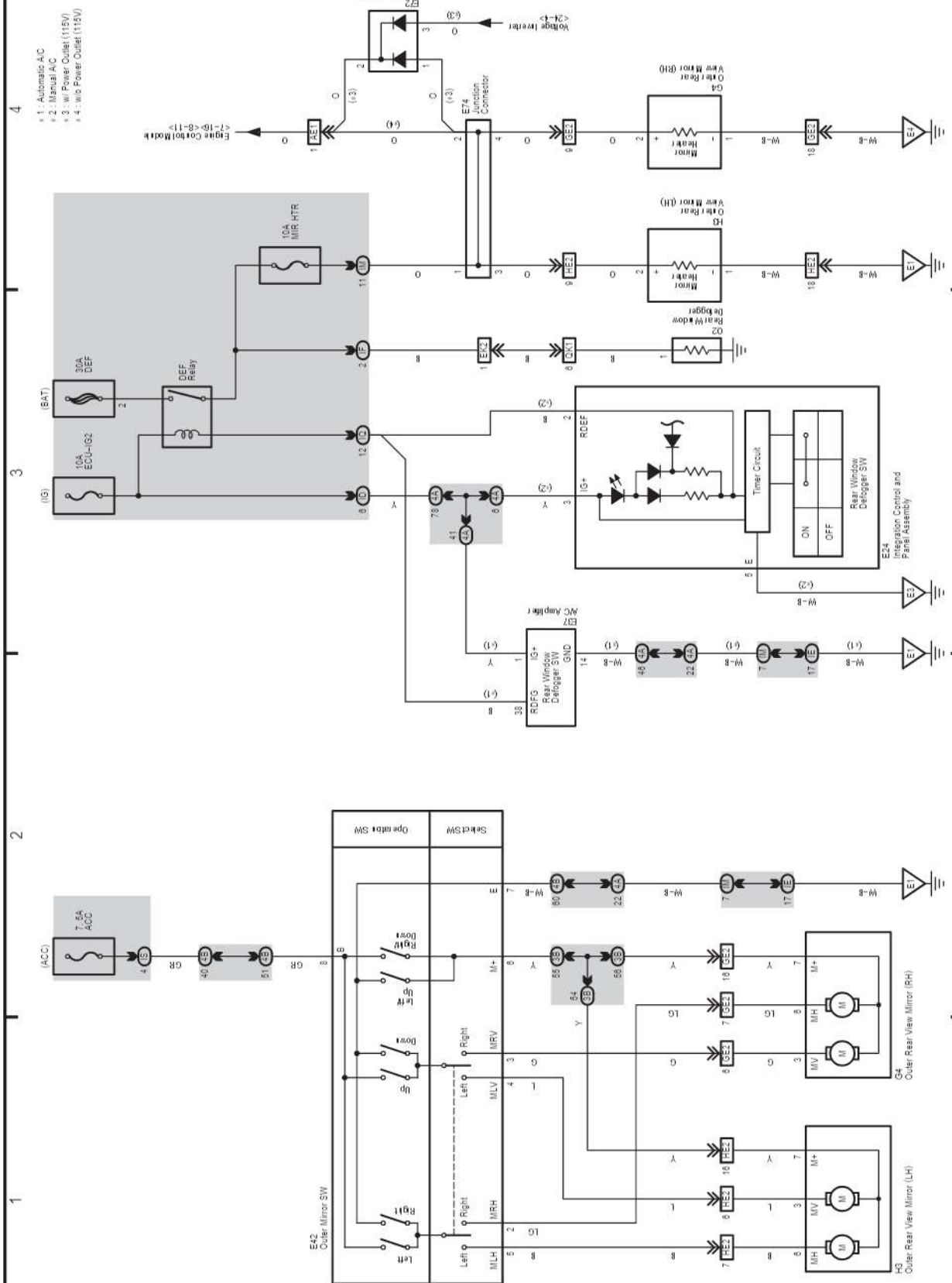


M OVERALL ELECTRICAL WIRING DIAGRAM

16 RAV4

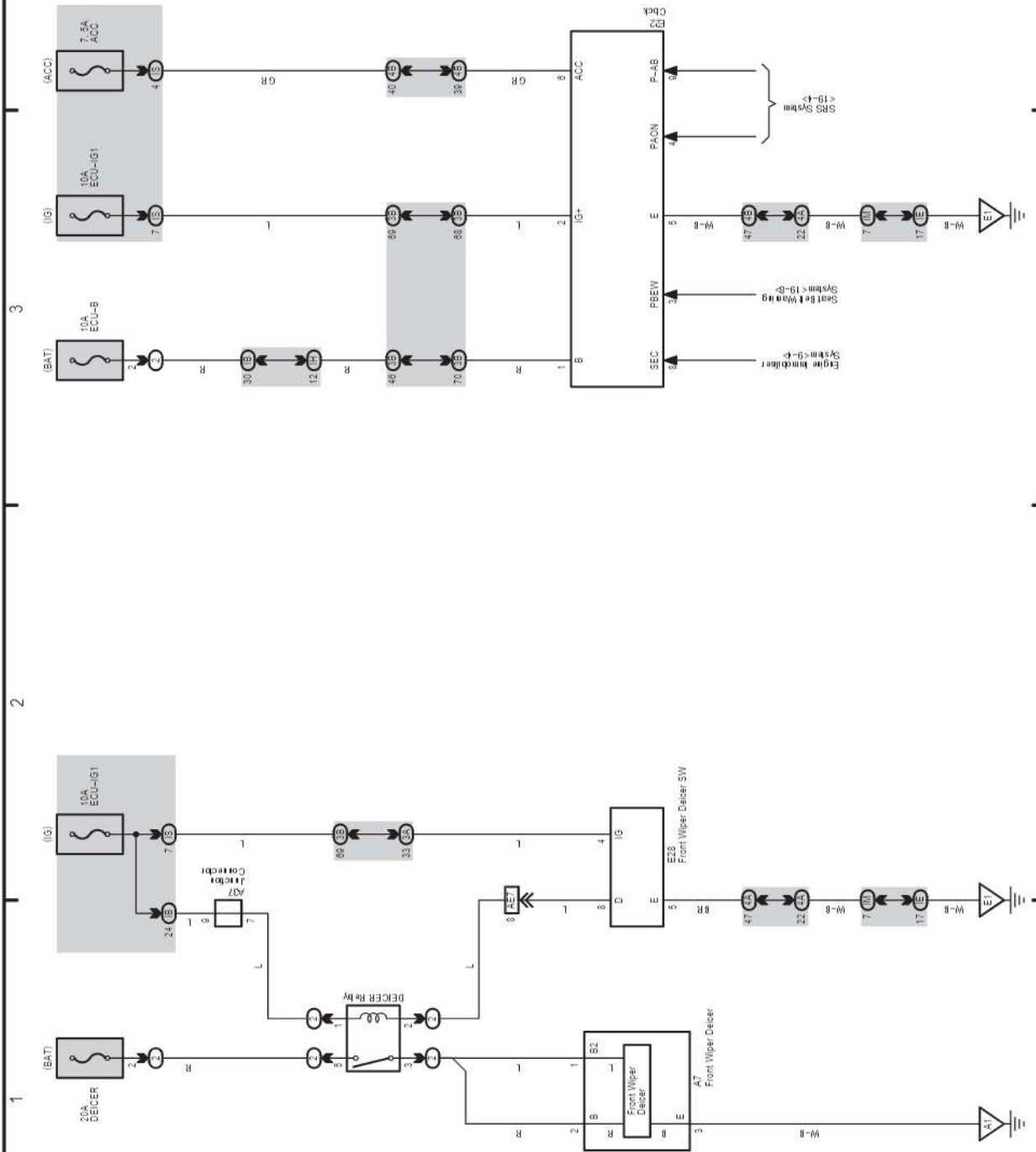
Remote Control Mirror

Rear Window Defogger and Mirror Heater



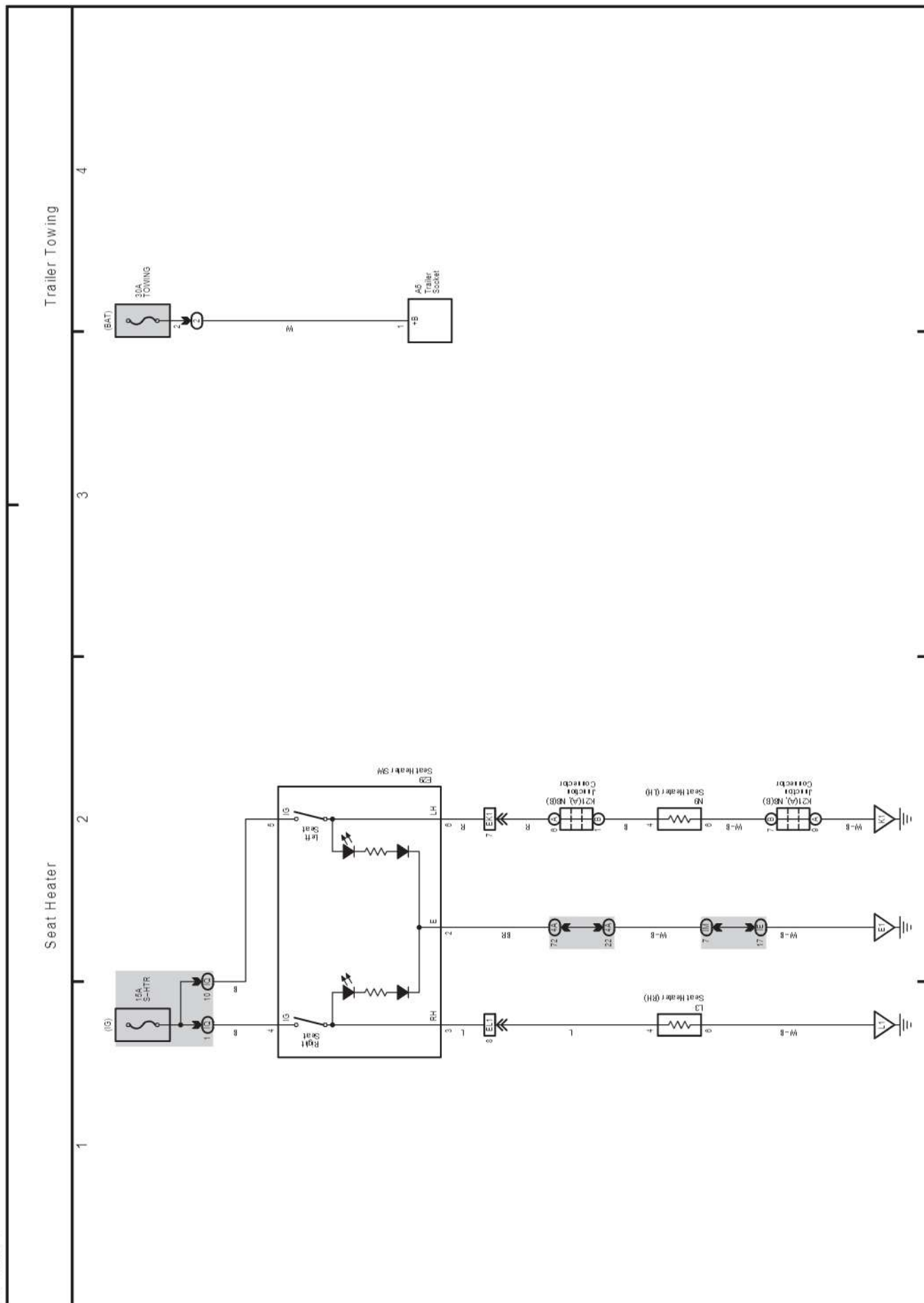
Front Window Deicer

Clock (w/o Automatic Air Conditioning)



M OVERALL ELECTRICAL WIRING DIAGRAM

18 RAV4

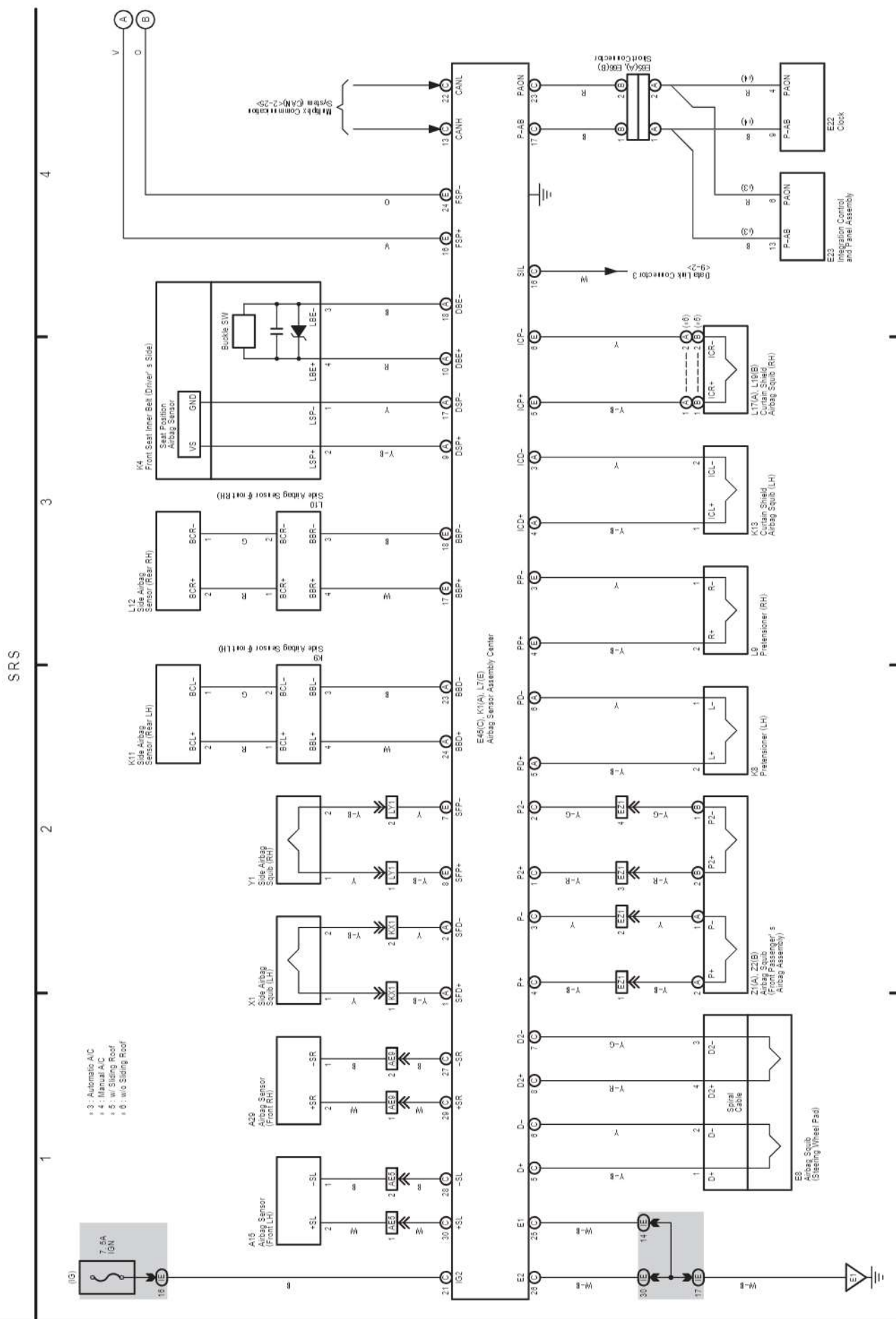


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M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

19 RAV4

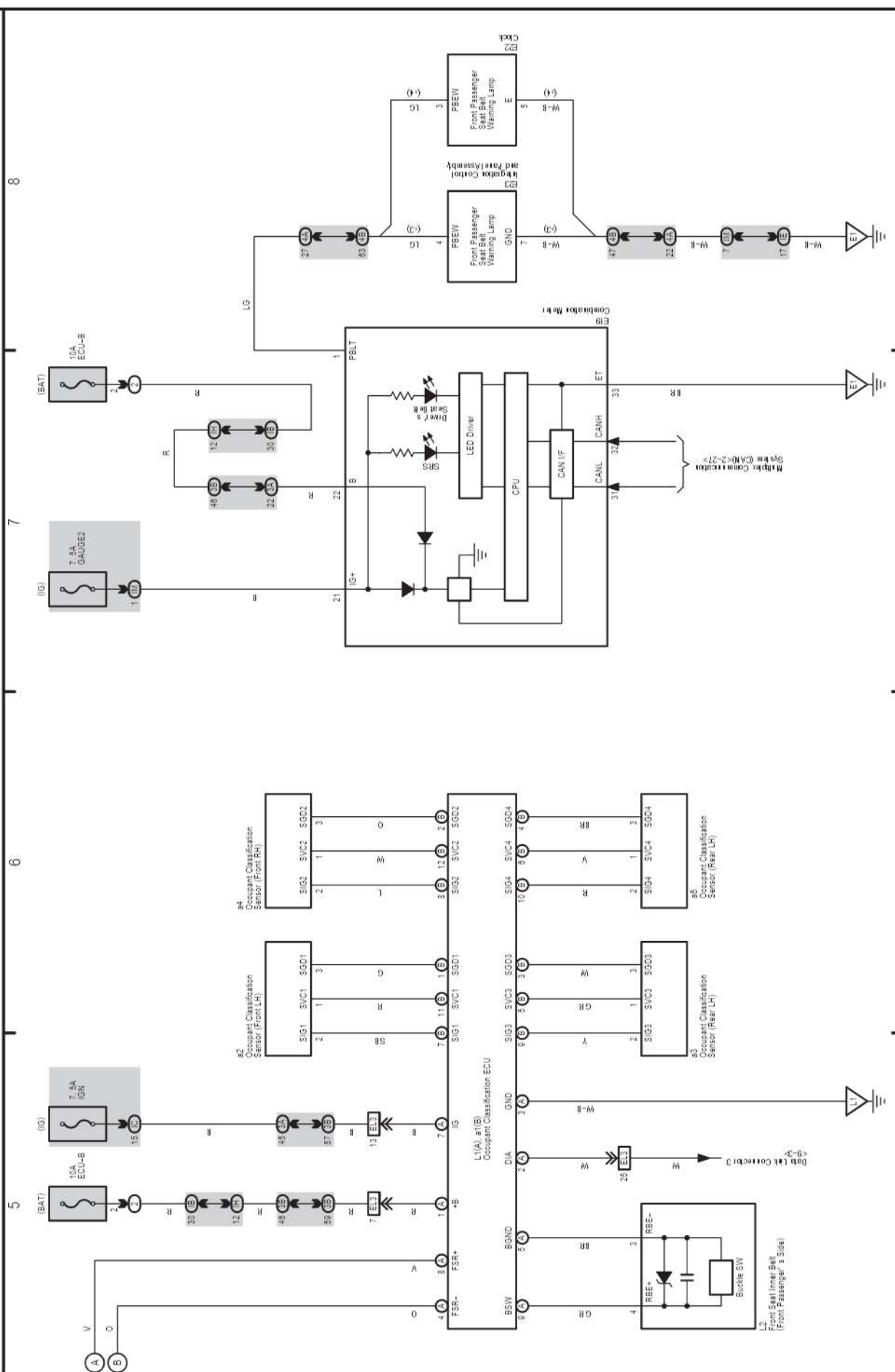


19 RAV4 (Cont'd)

SRS

Seat Belt Warning

* 3. Automatic A/C
* 4. Manual A/C

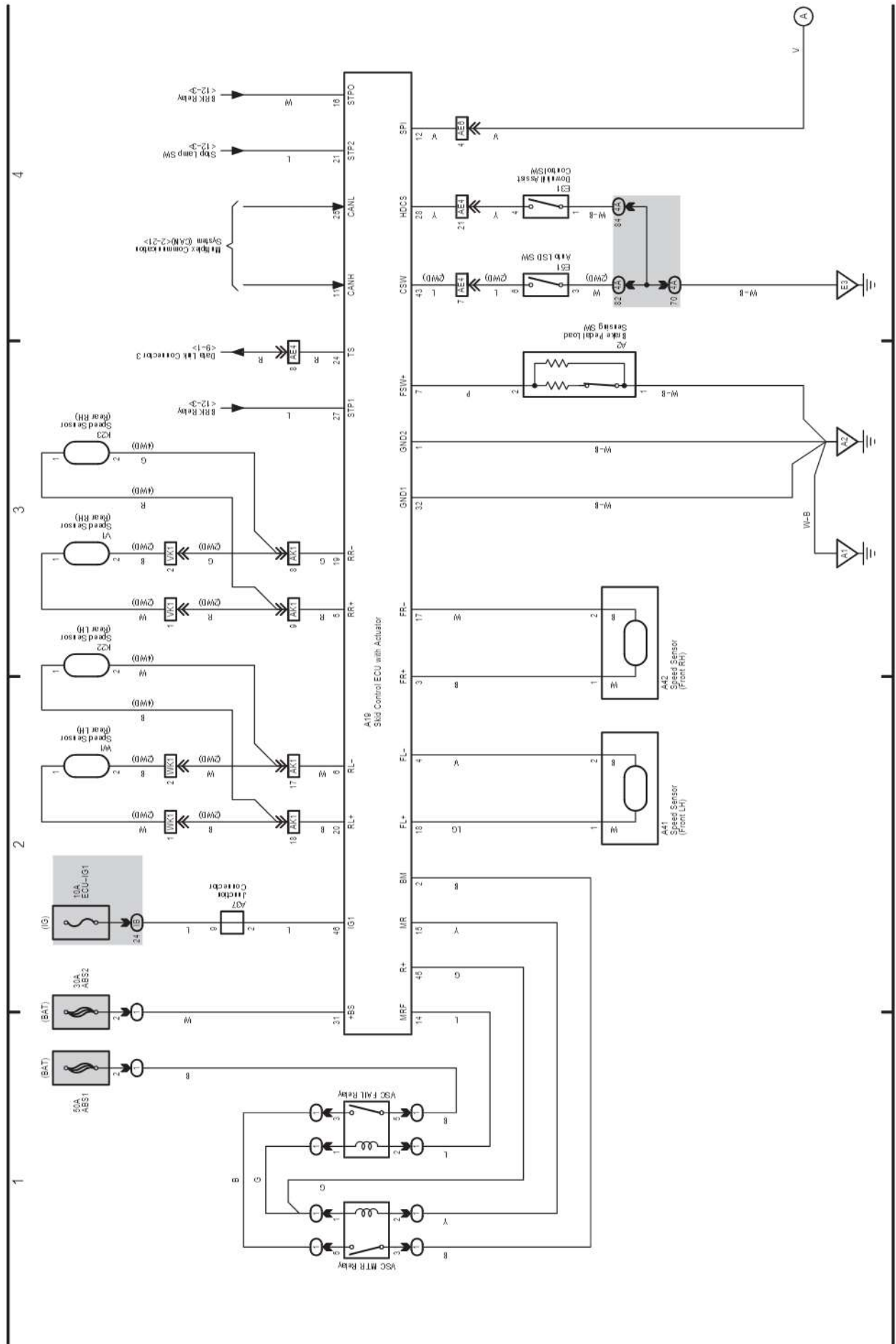


M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

20 RAV4

ABS, TRAC, VSC, Auto LSD, Downhill Assist Control and Hill-Start Assist Control



8

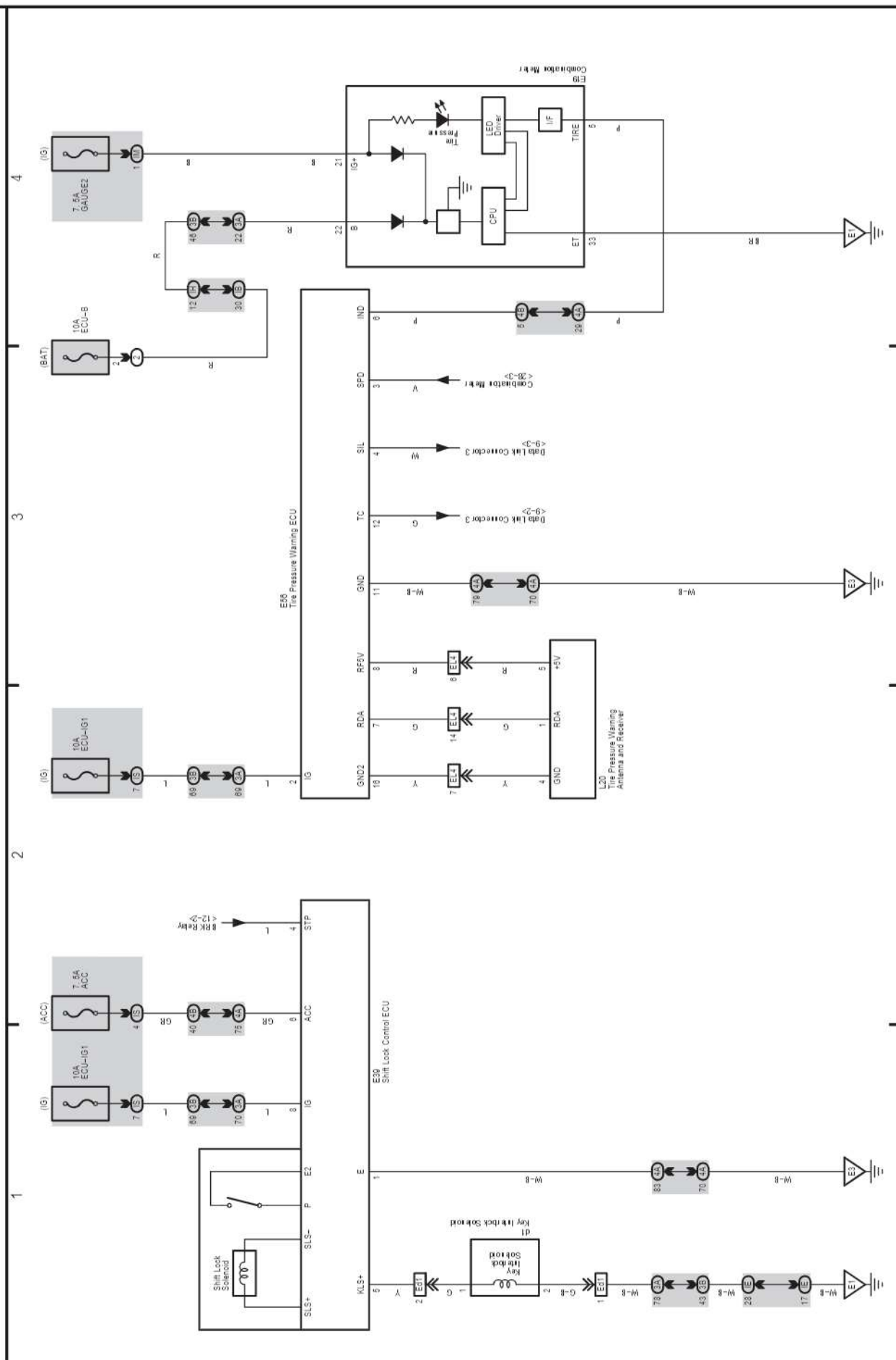


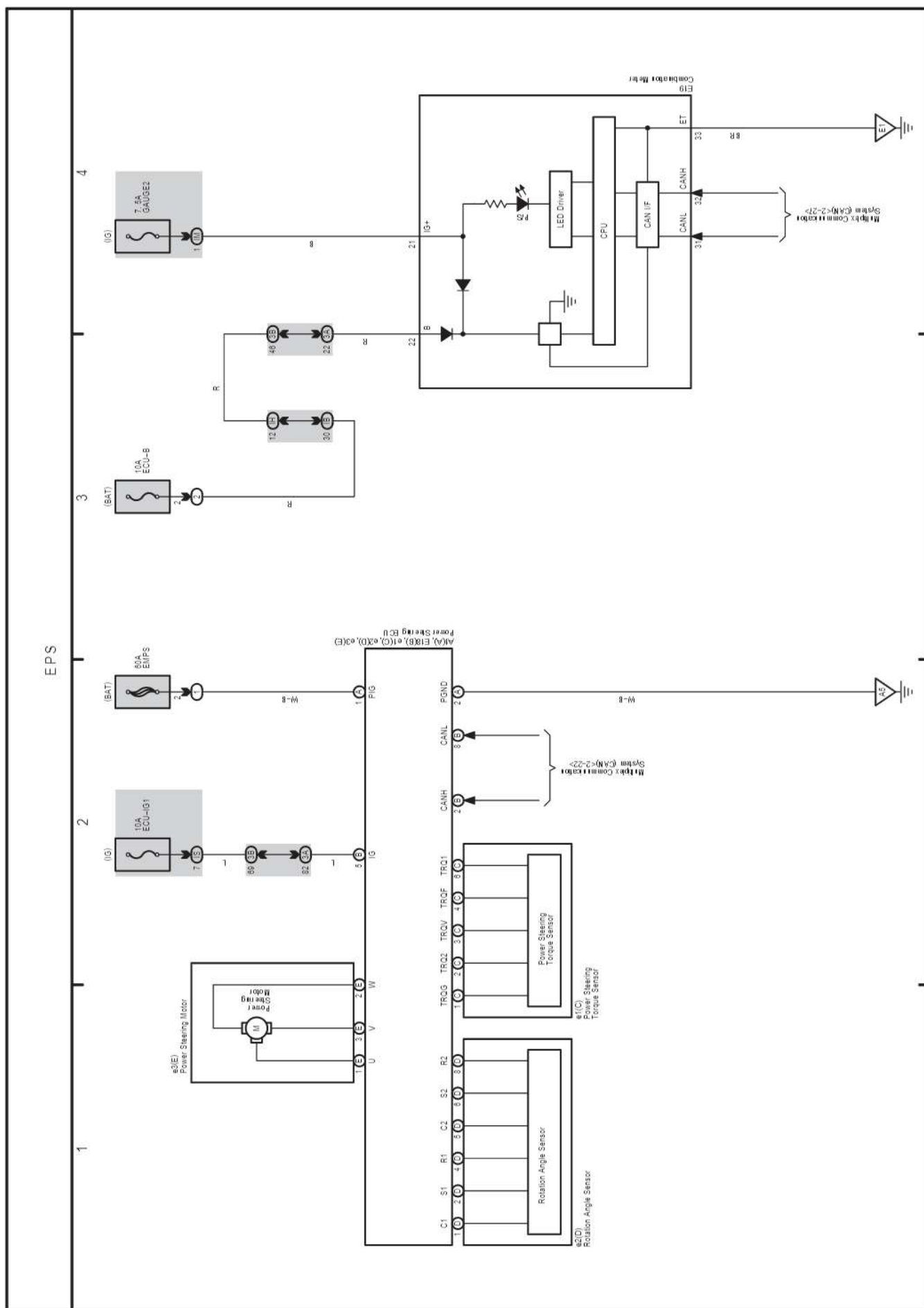
M OVERALL ELECTRICAL WIRING DIAGRAM

21 RAV4

Shift Lock

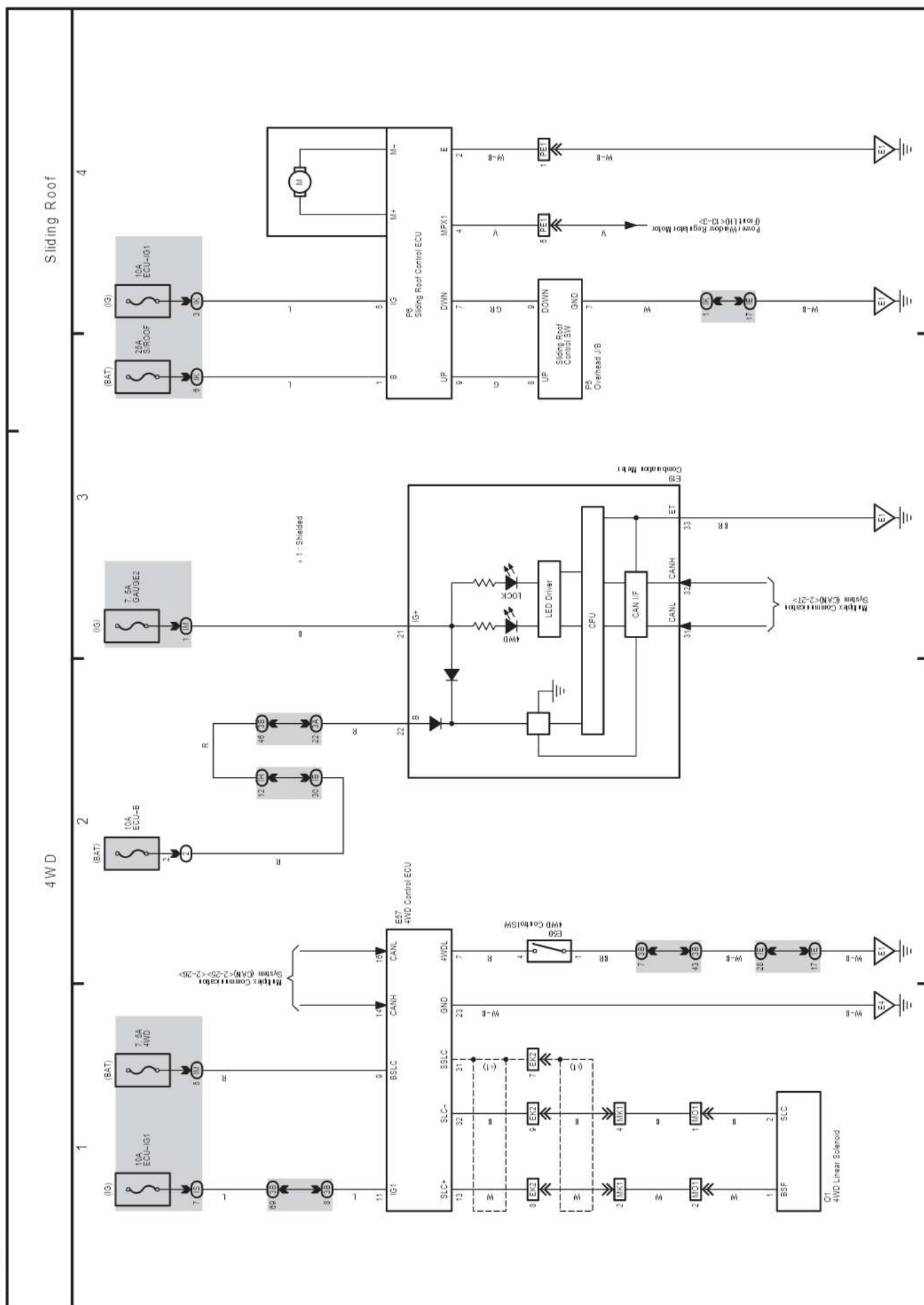
Tire Pressure Warning System



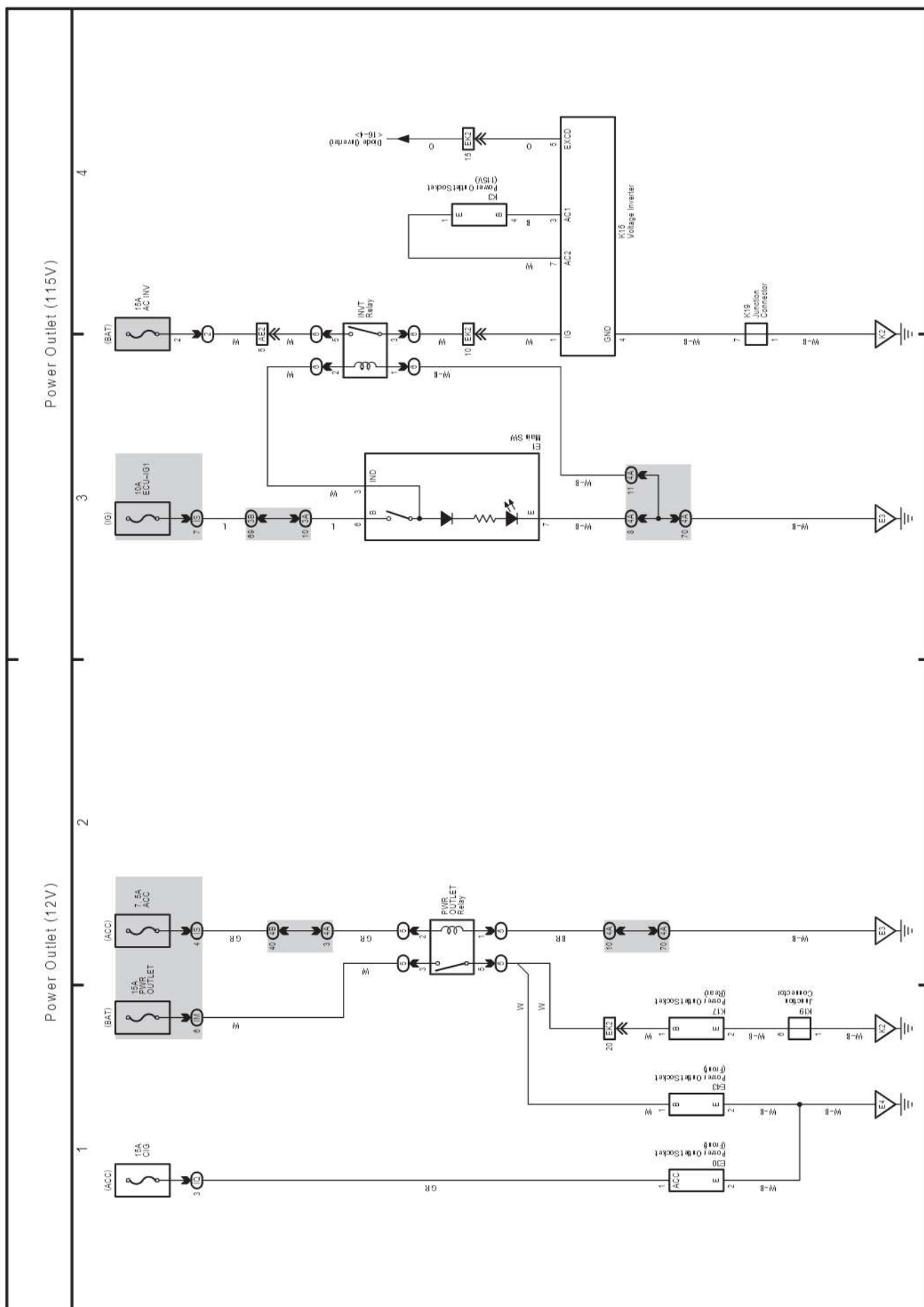


M OVERALL ELECTRICAL WIRING DIAGRAM

23 RAV4



24 RAV4

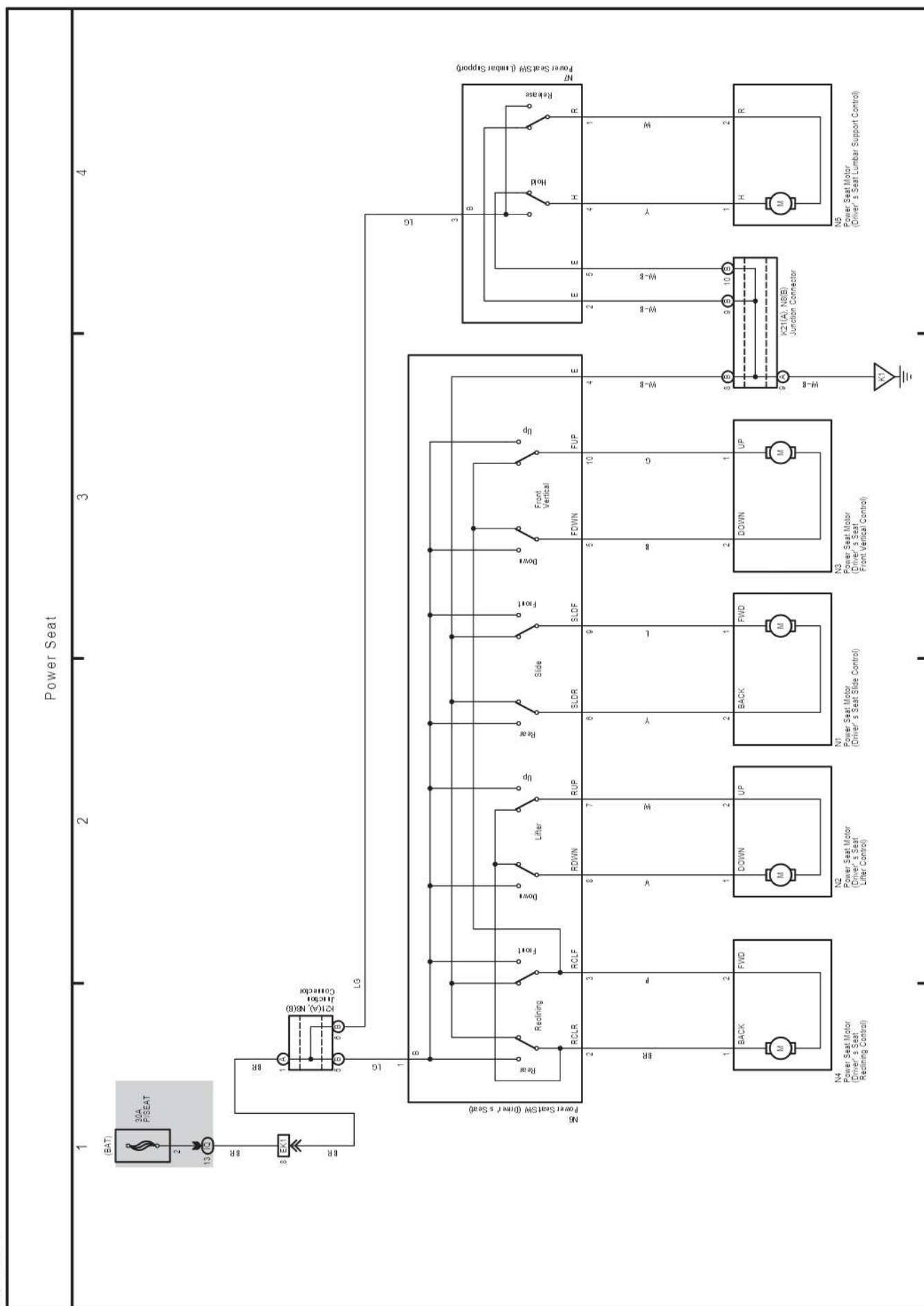


M OVERALL ELECTRICAL WIRING DIAGRAM

25 RAV4

420

RAV4 (EM03T0U)

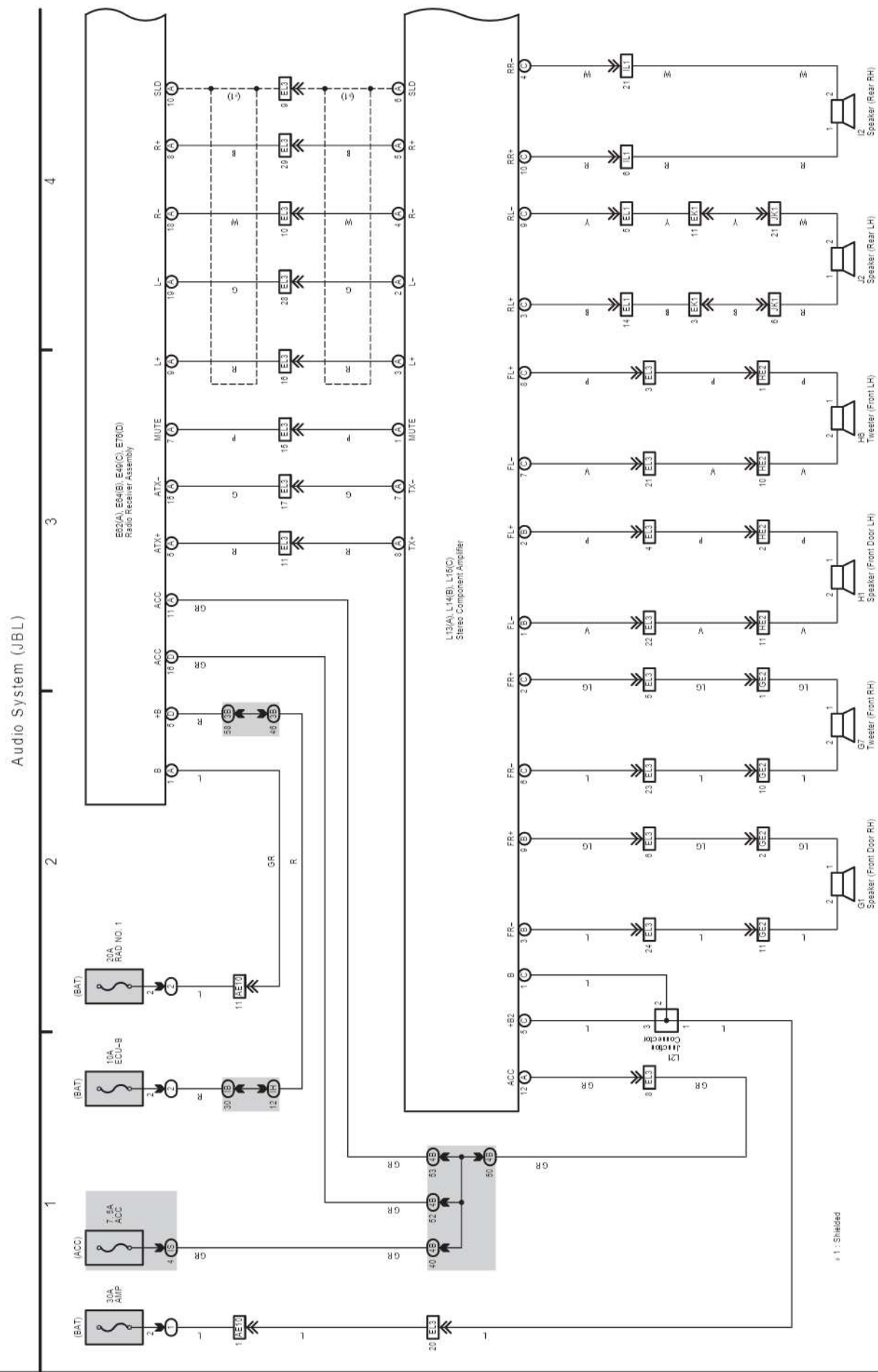


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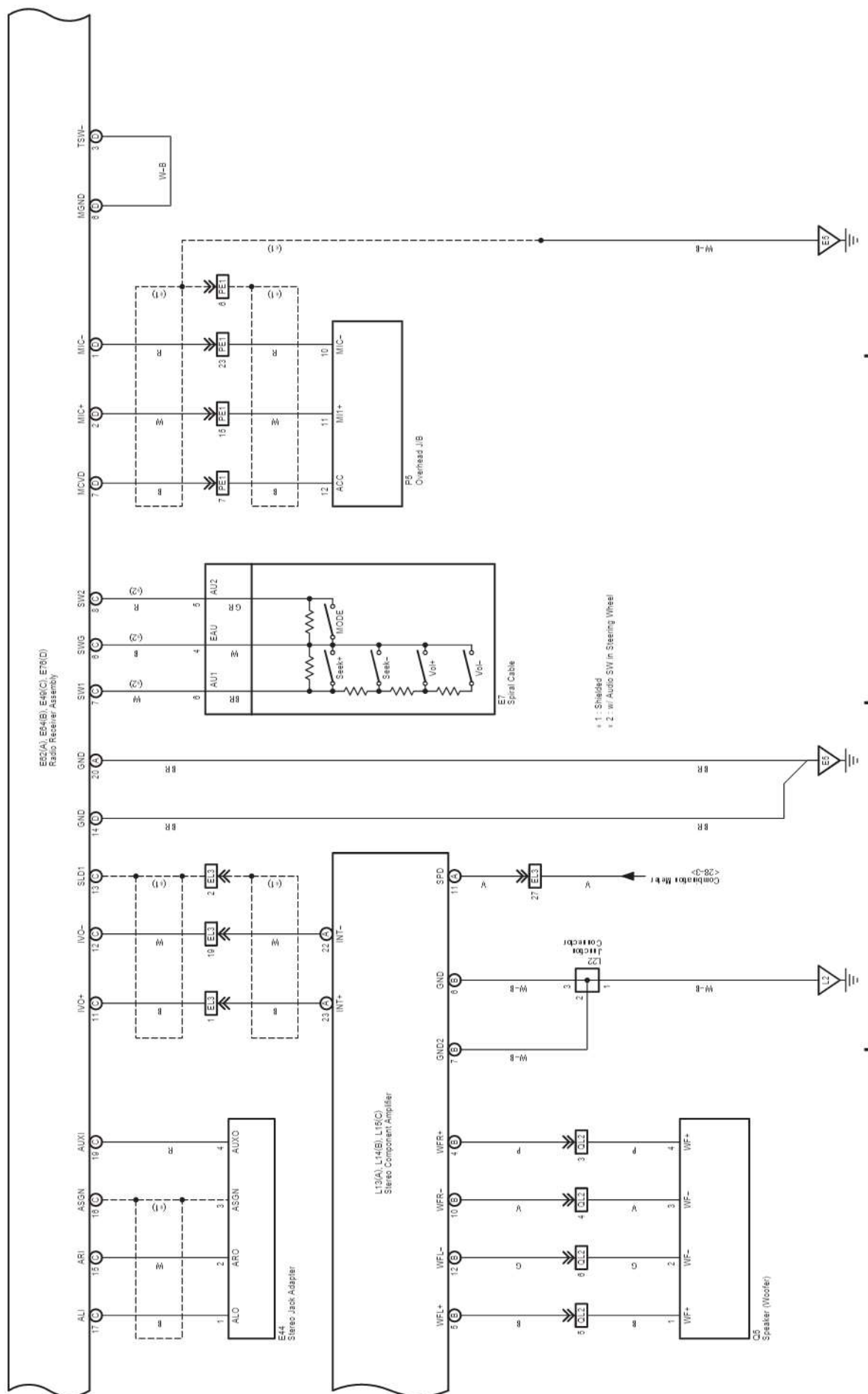
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

26 RAV4



5



M OVERALL ELECTRICAL WIRING DIAGRAM

26 RAV4 (Cont' d)

Audio System (JBL)

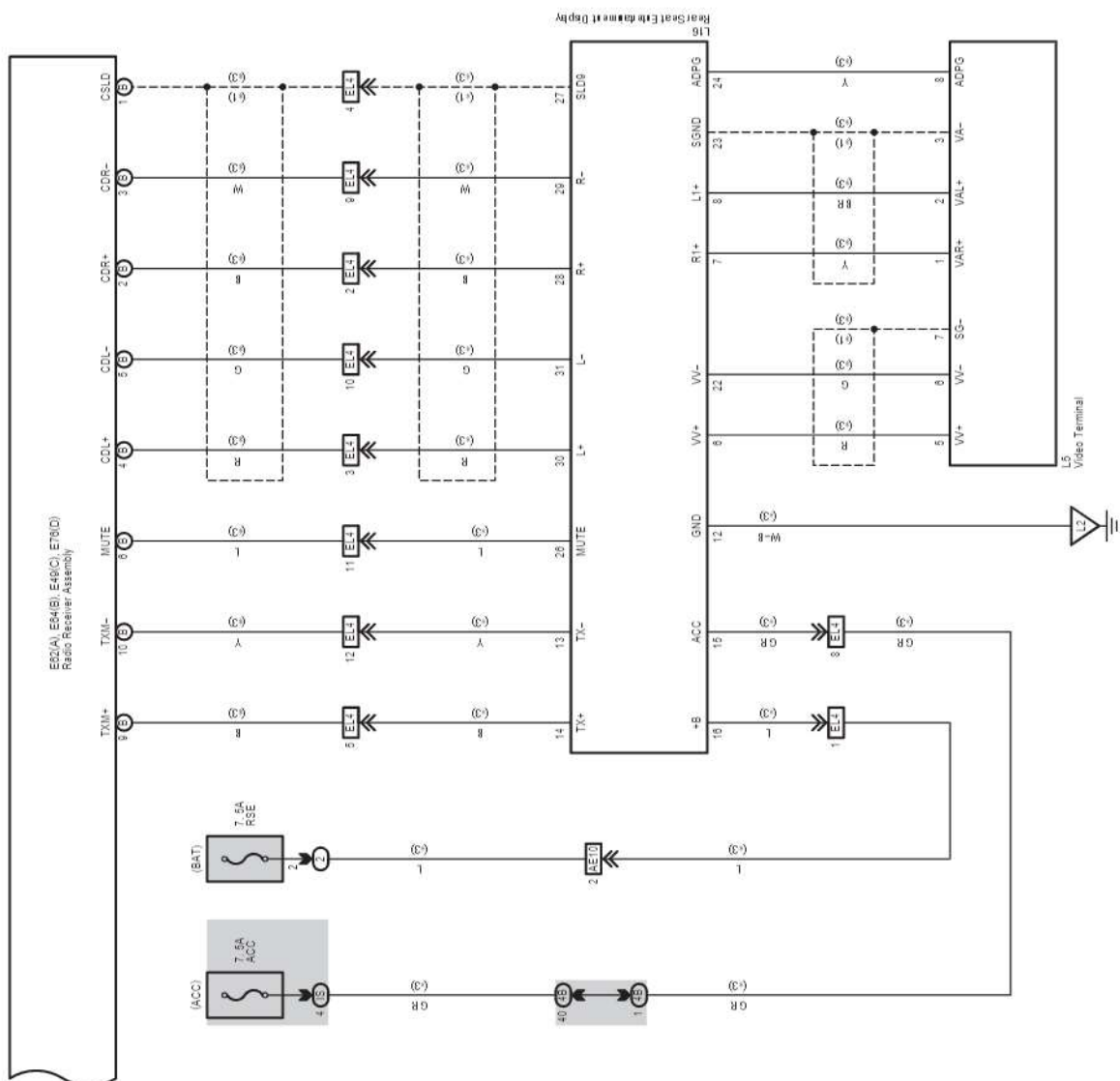
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11

10

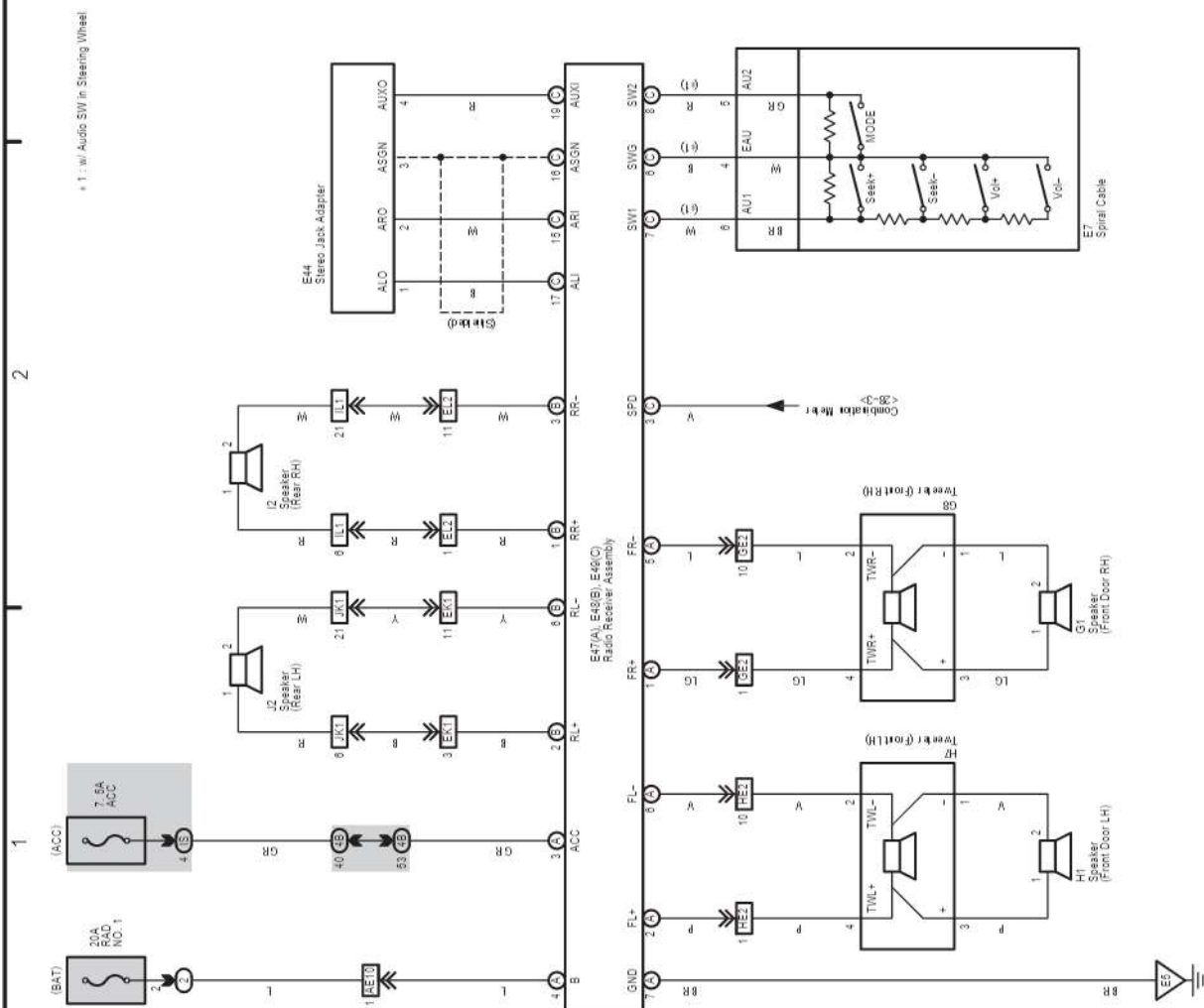
9

* 1 - Shielded
* 3 - w/ Rear Seat Entertainment System



RAV4 (EM03T0U)

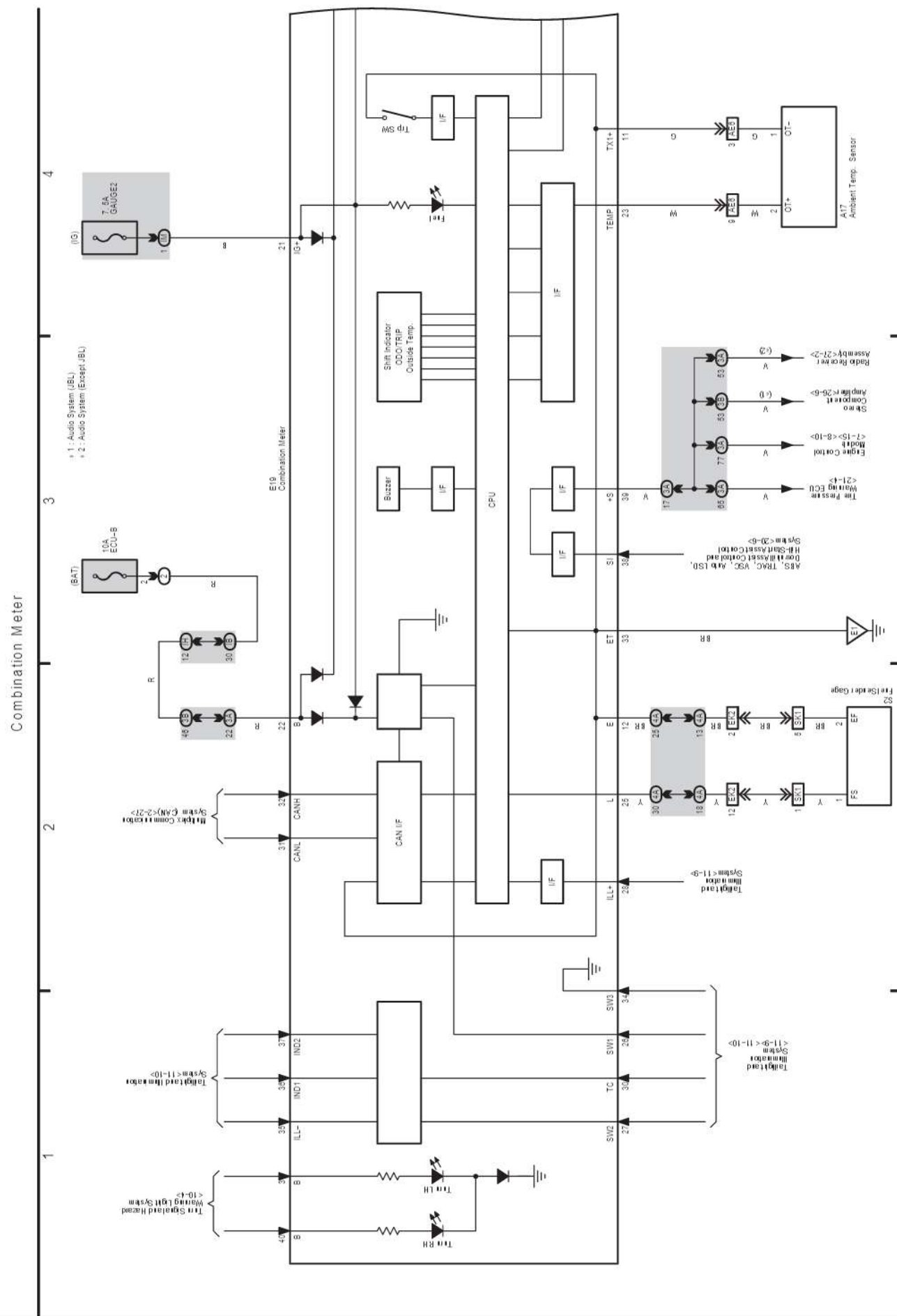
Audio System (Except JBL)

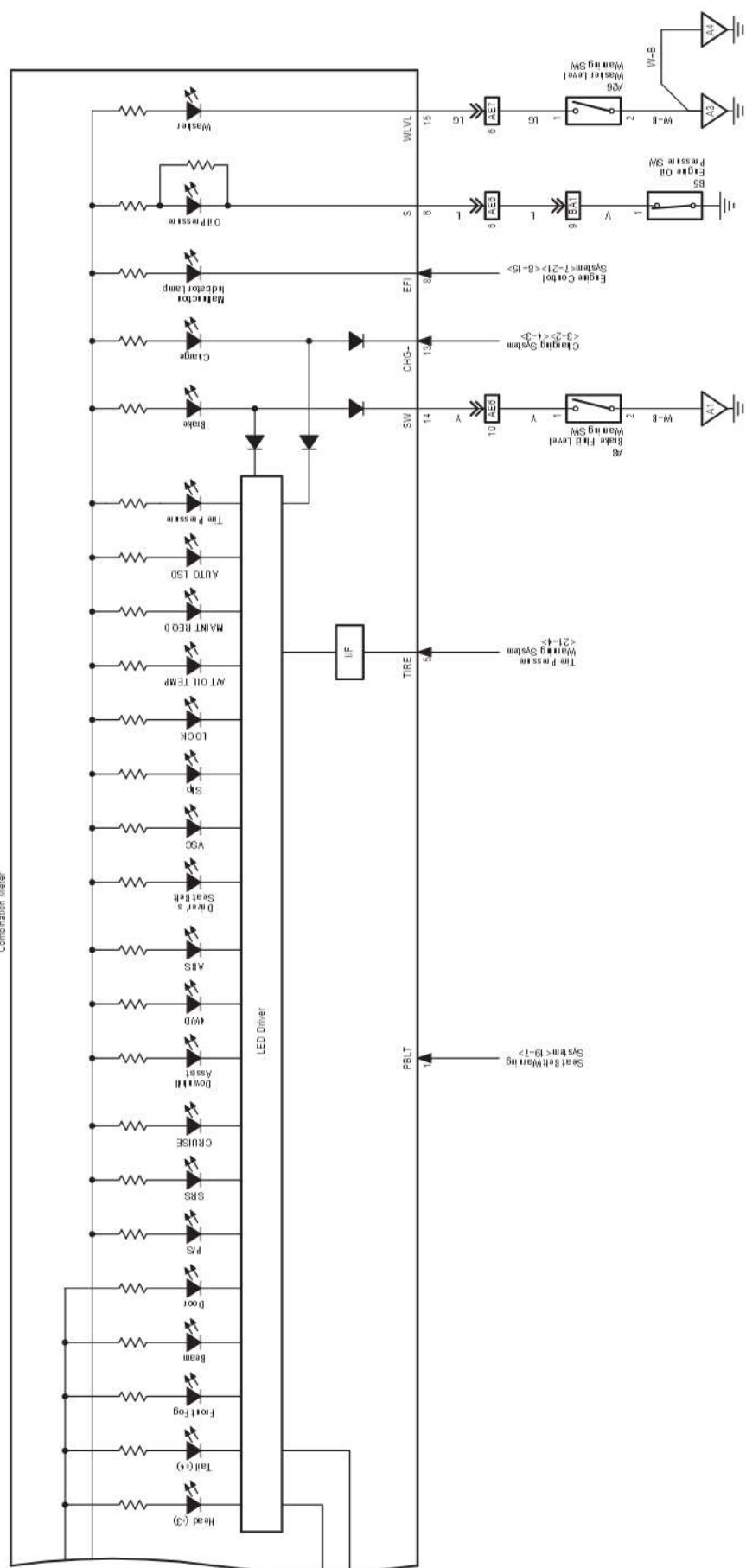


M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

28 RAV4



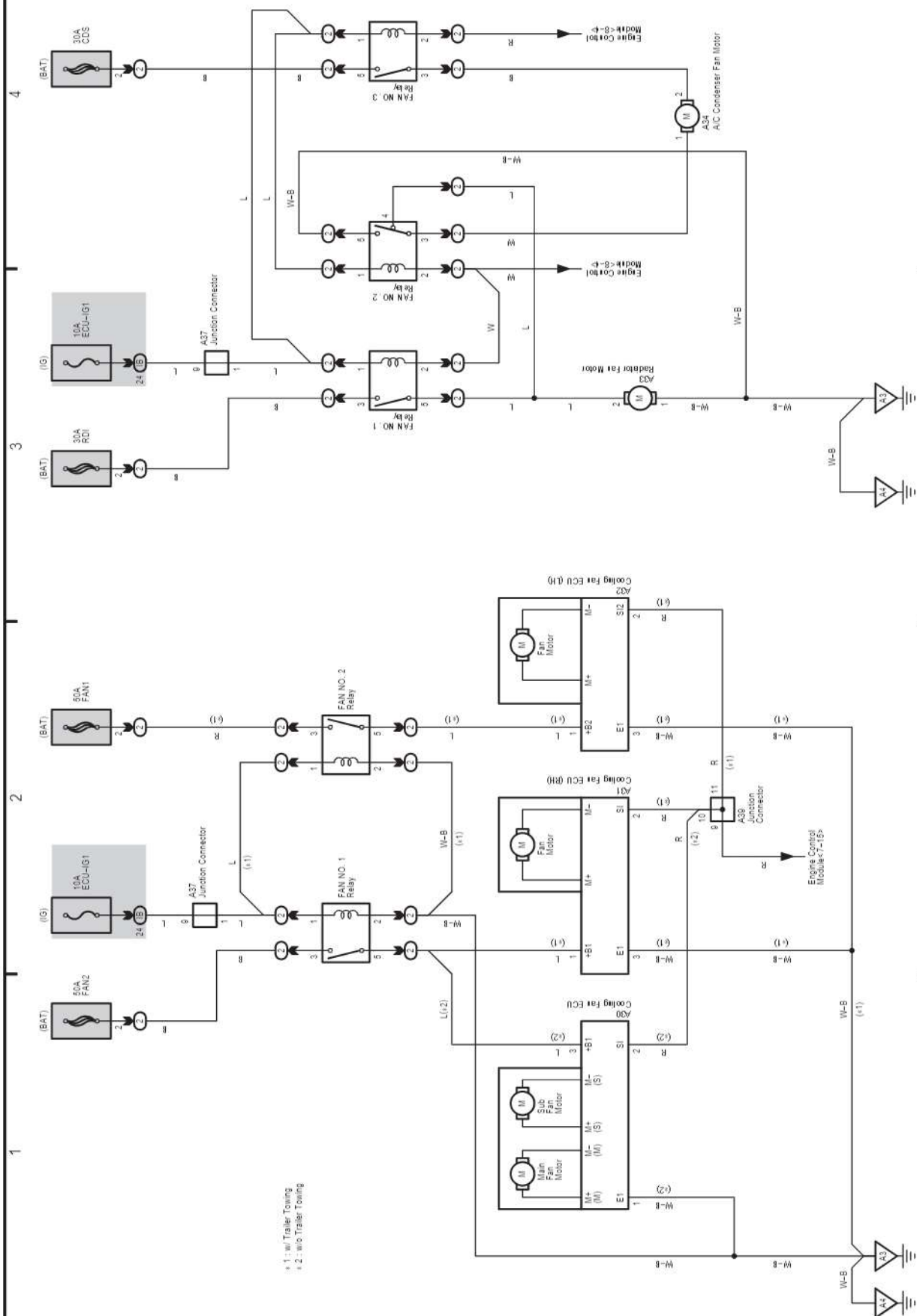


M OVERALL ELECTRICAL WIRING DIAGRAM

29 RAV4

Cooling Fan (2GR-FE)

Radiator Fan and Condenser Fan (2AZ-FE)



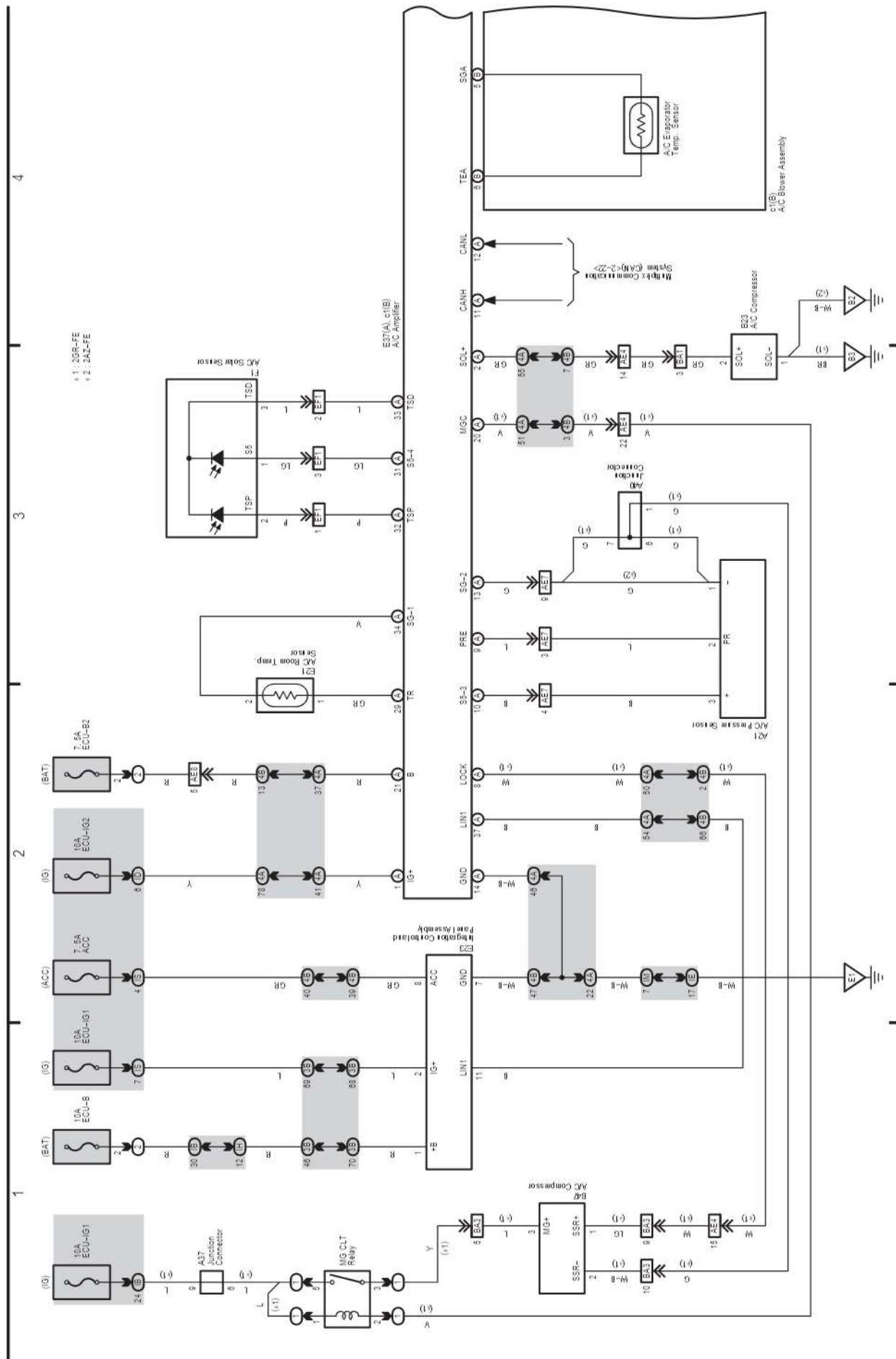
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M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

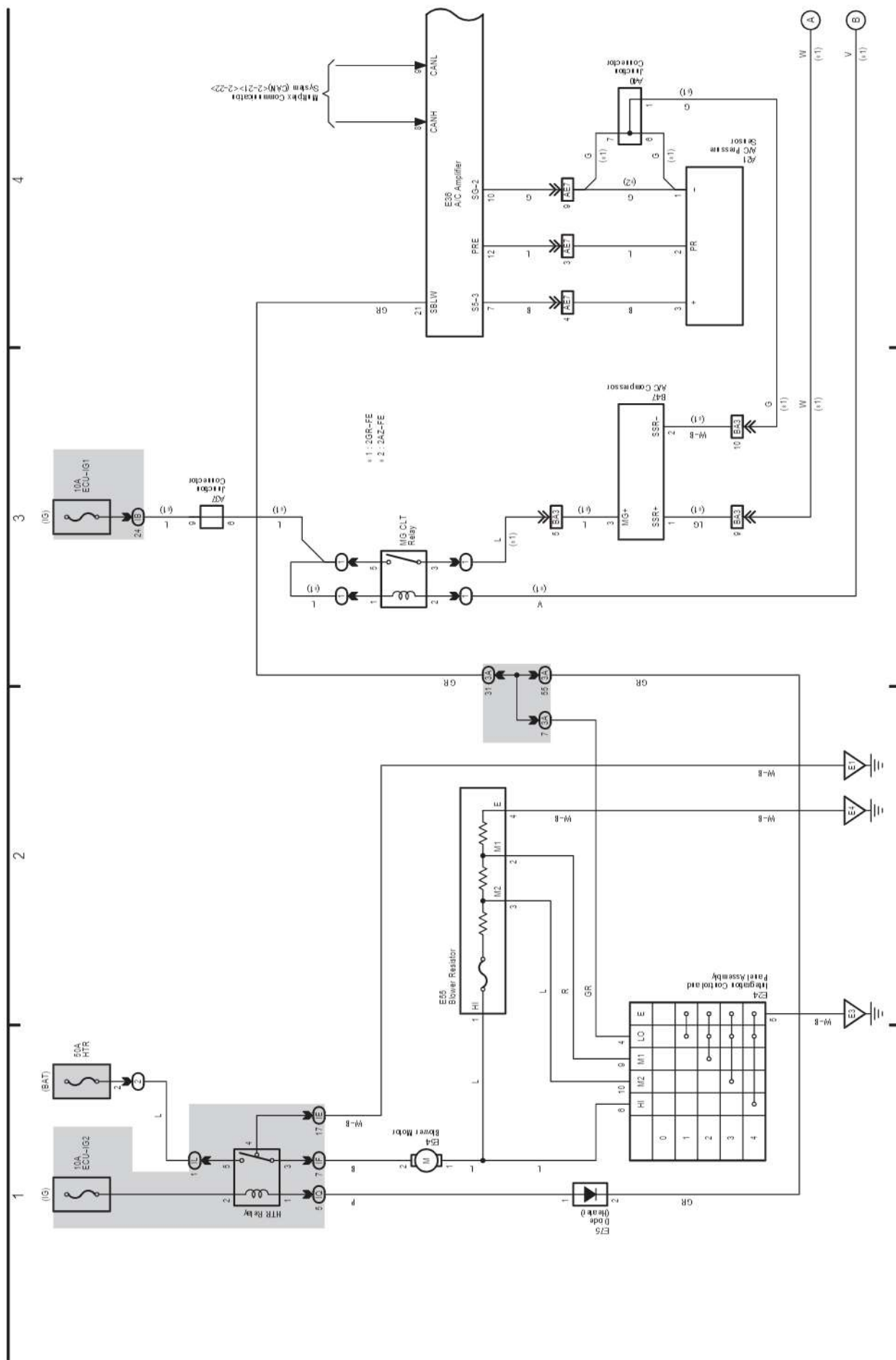
30 RAV4

Automatic Air Conditioning and Clock (w/ Automatic Air Conditioning)





Manual Air Conditioning



Manual Air Conditioning

