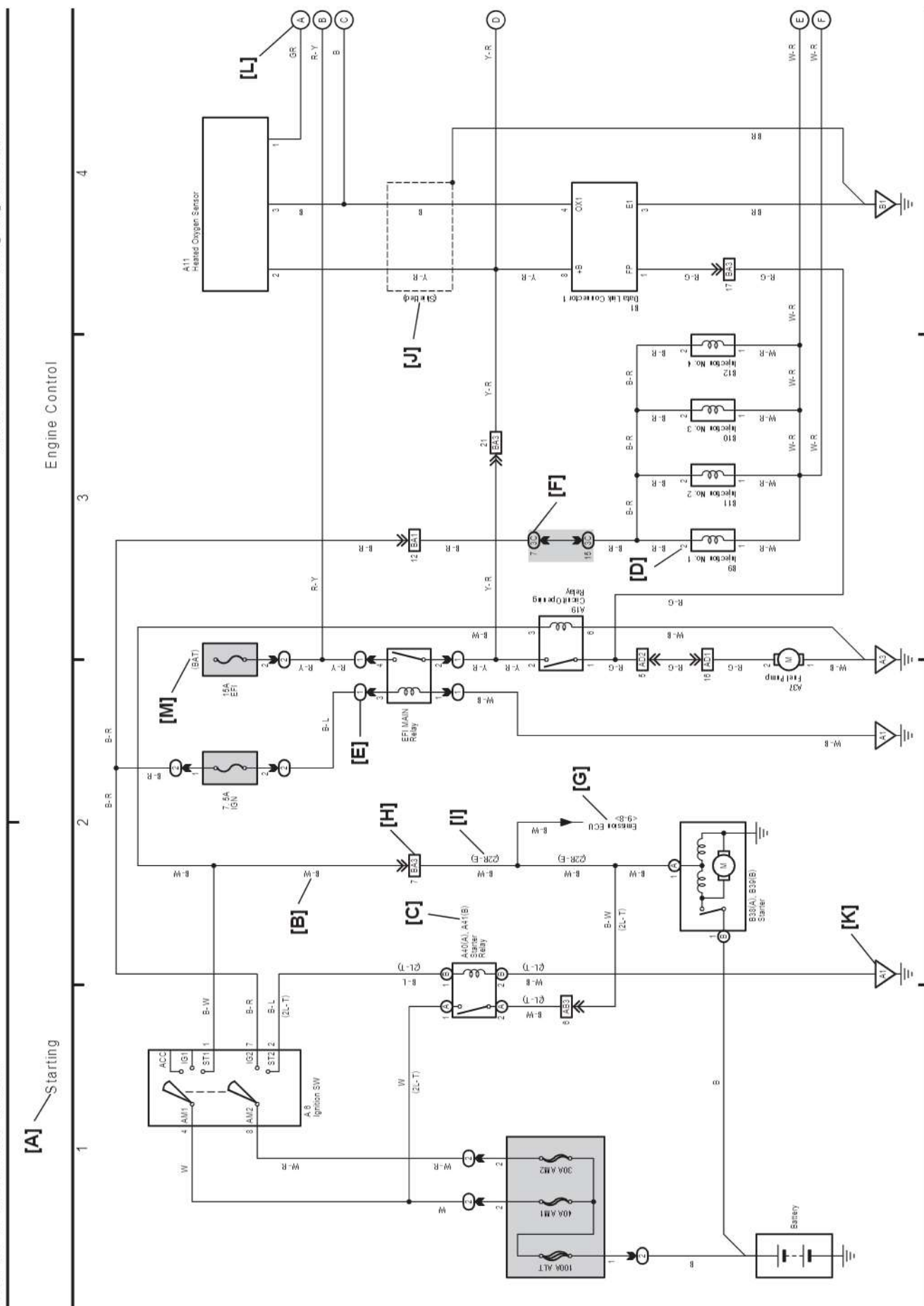


M OVERALL ELECTRICAL WIRING DIAGRAM

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



[A] : System Title

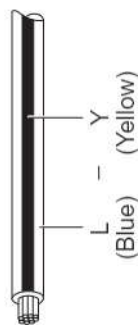
[B] : Indicates the wiring color.

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

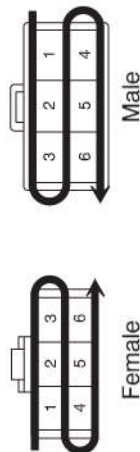


[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[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



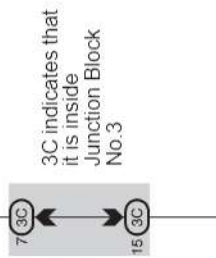
The numbering system for the overall wiring diagram is the same as above

[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

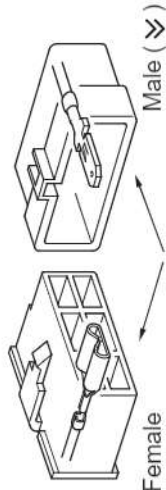
[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

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	13-1	* Option Connector (Off-road Lamp)	
Accessory Meter	21-3	* Option Connector (TVIP)	
Air Conditioning	25-1	* Power Window	
Audio System	23-1	* Rear Window Defogger	
Auto LSD	13-1	* Rear Wiper and Washer	
Back-Up Light	12-1	* Seat Belt Warning	
Charging	4-1	* Wireless Door Lock Control	
Clock	21-1	Multiplex Communication System (CAN)	7-1
Combination Meter	24-1	Option Connector (Automatic Glare-Resistant EC Mirror)	26-3
Cruise Control	5-17	Option Connector (Trailer Towing)	26-1
Data Link Connector 3	6-1	Power Outlet (115V)	20-1
Electric Tension Reducer	18-3	Power Outlet (12V)	20-4
Electronically Controlled Transmission and A/T Indicator	5-14	Power Source	1-1
Engine Control	5-1	Rear Differential Lock	15-1
Front Wiper and Washer	17-1	Remote Control Mirror	19-1
Horn	18-1	Shift Lock	19-3
Ignition	3-1	SRS	16-1
Illumination	10-1	Starting	2-1
Multiplex Communication System (BEAN)	8-1	Stop Light	11-1
* Door Lock Control		Taillight	10-1
* Headlight		TOYOTA Parking Assist (Clearance Sonar)	22-1
* Interior Light		TRAC	13-1
* Key Reminder		Turn Signal and Hazard Warning Light	9-1
* Light Auto Turn Off System		VSC	13-1
* Option Connector (Driving Lamp)		4WD	14-1

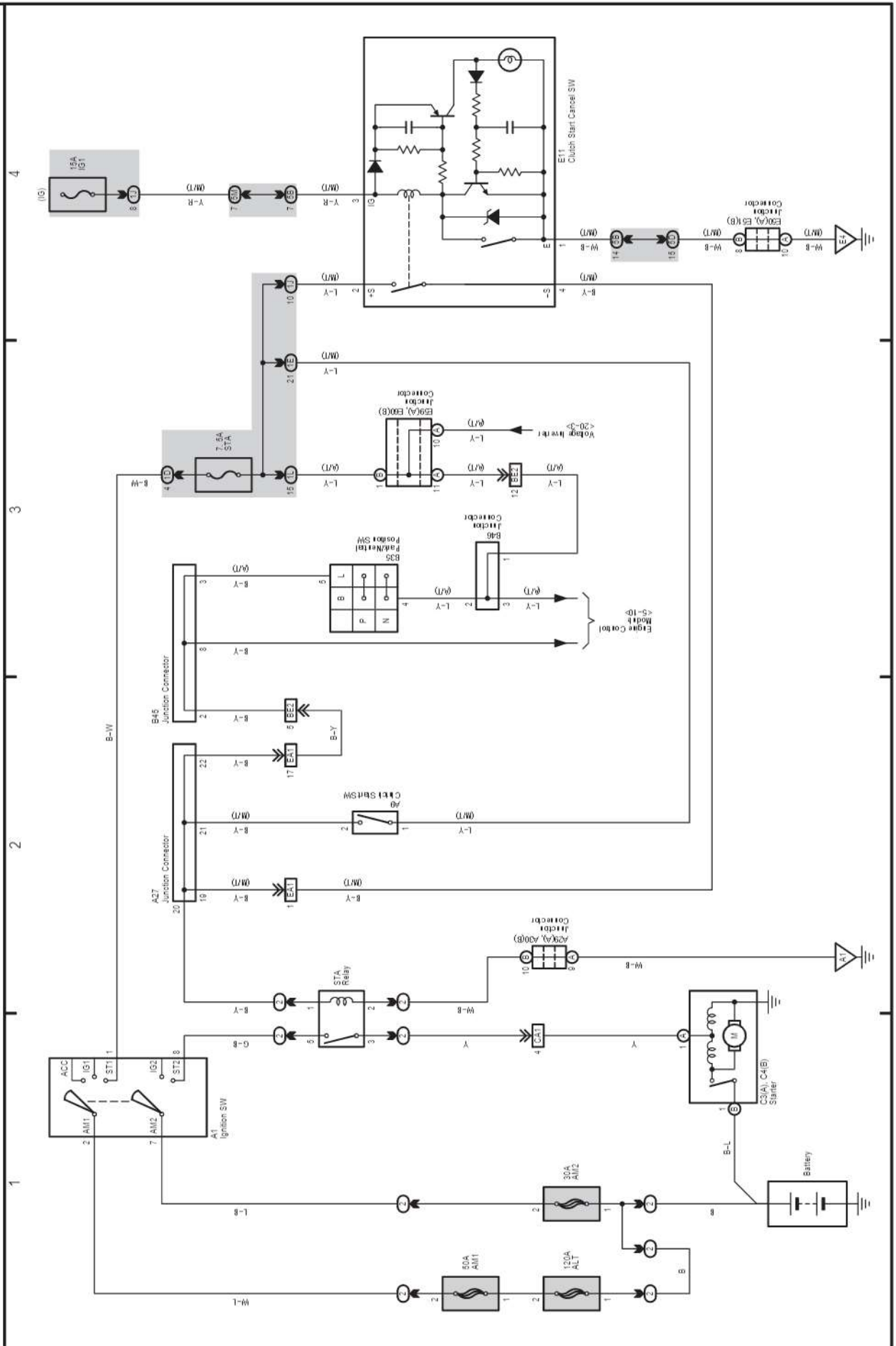
Power Source



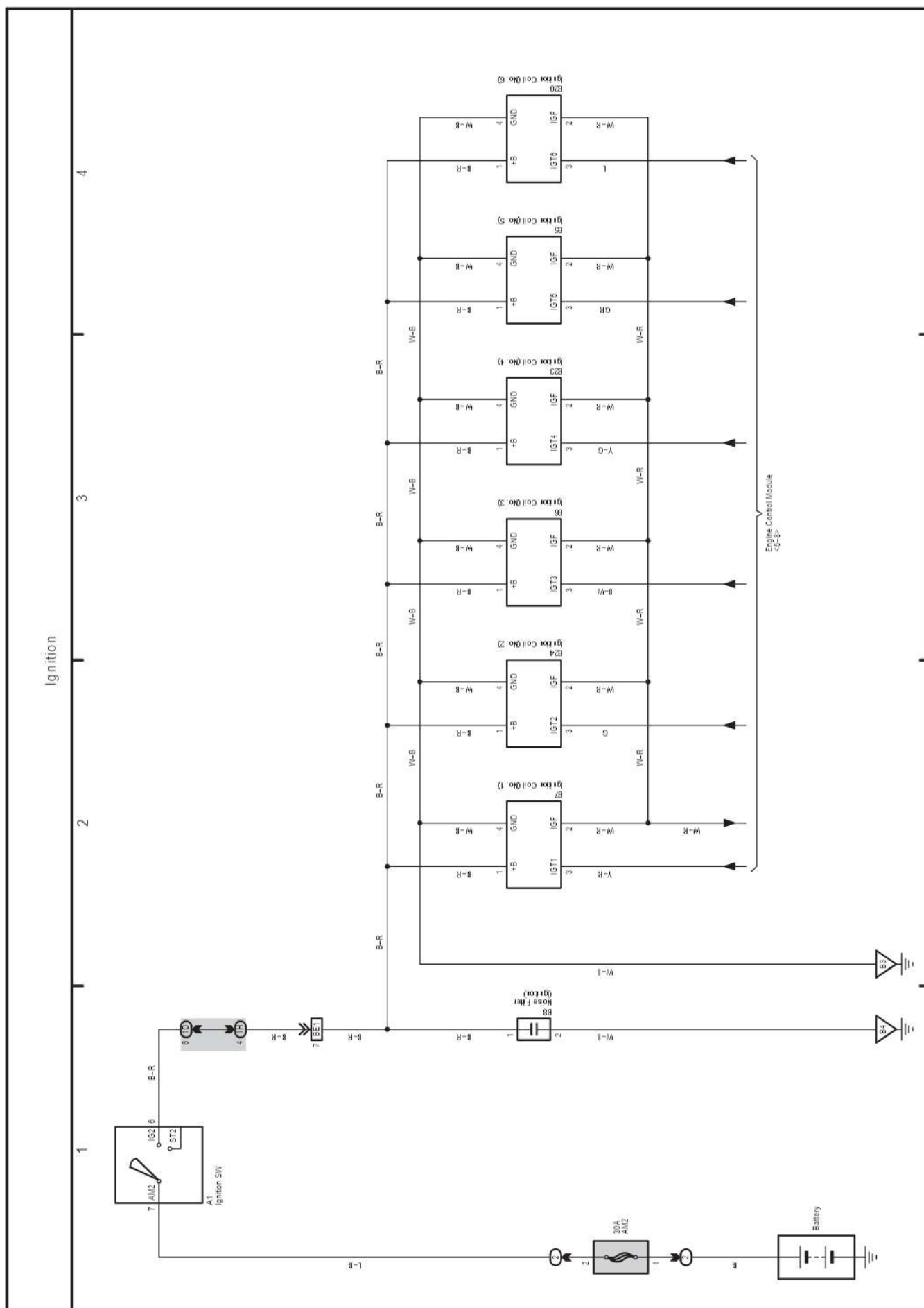
M OVERALL ELECTRICAL WIRING DIAGRAM

2 FJ CRUISER

Starting



3 FJ CRUISER



M OVERALL ELECTRICAL WIRING DIAGRAM

4 FJ CRUISER

* 1 : w/ Daytime Running Light

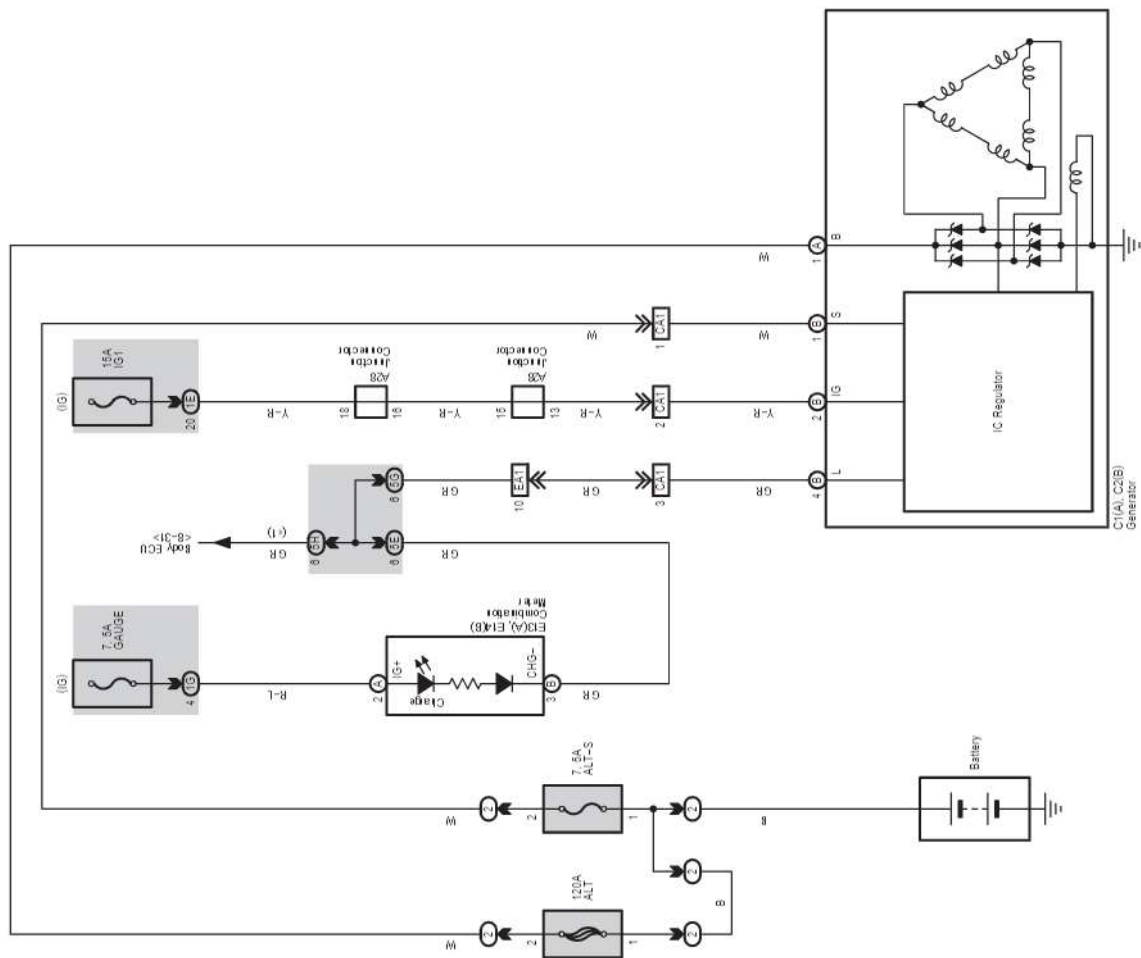
Charging

4

3

2

1



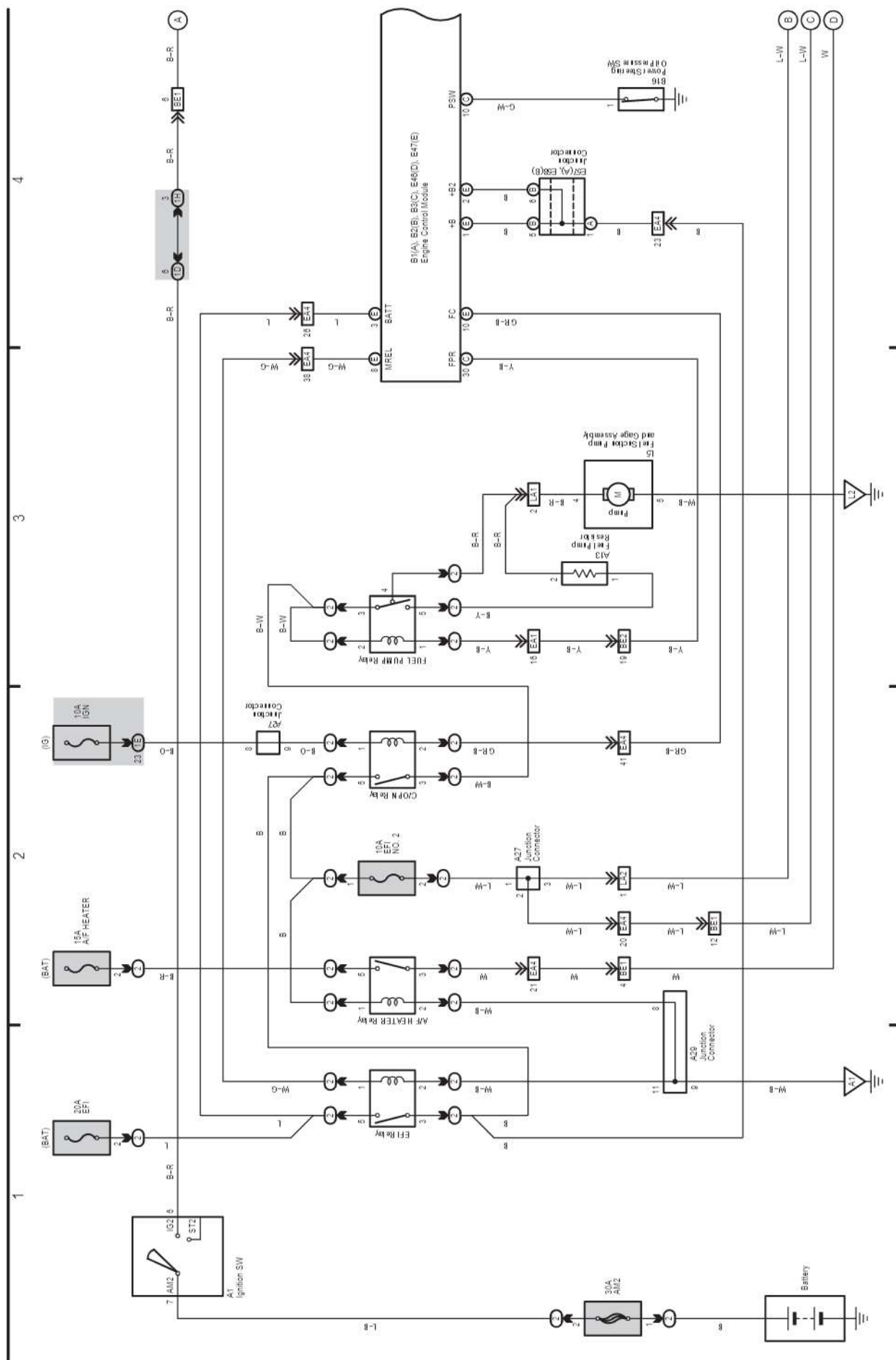
cardiagn.com

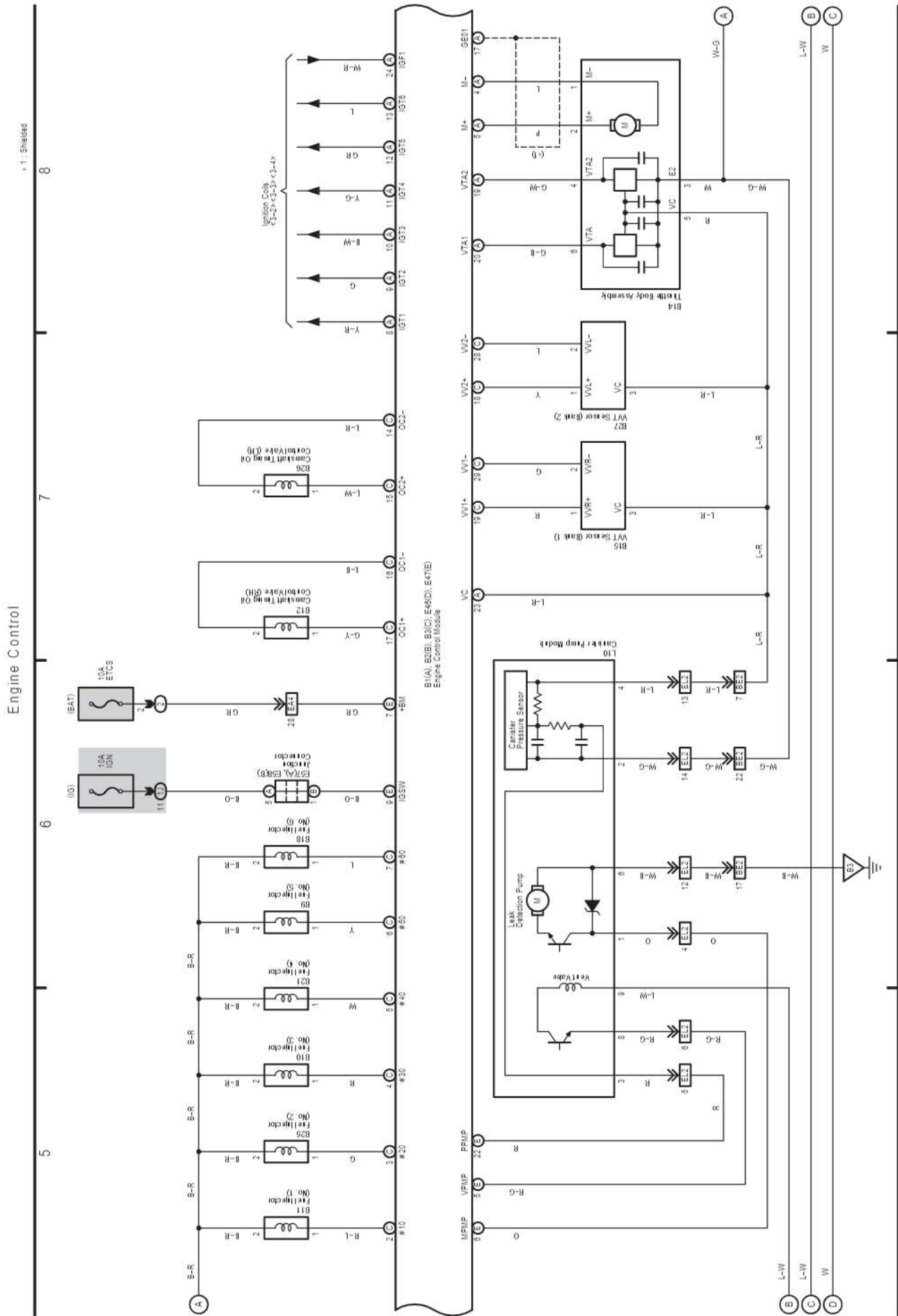
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

5 FJ CRUISER

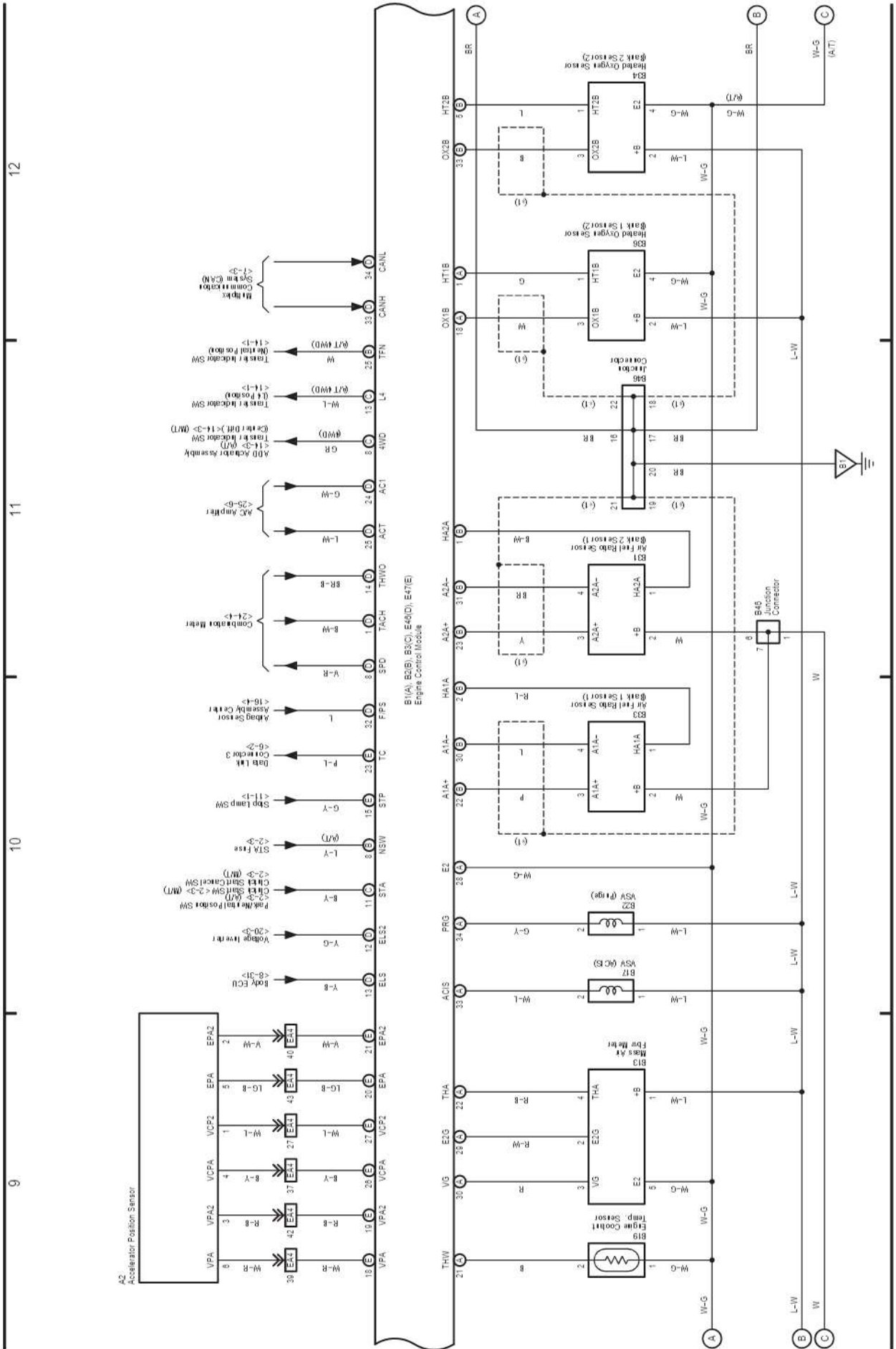
Engine Control





Engine Control

* 1 : Shielded



Engine Control

Electronically Controlled Transmission and A/T Indicator

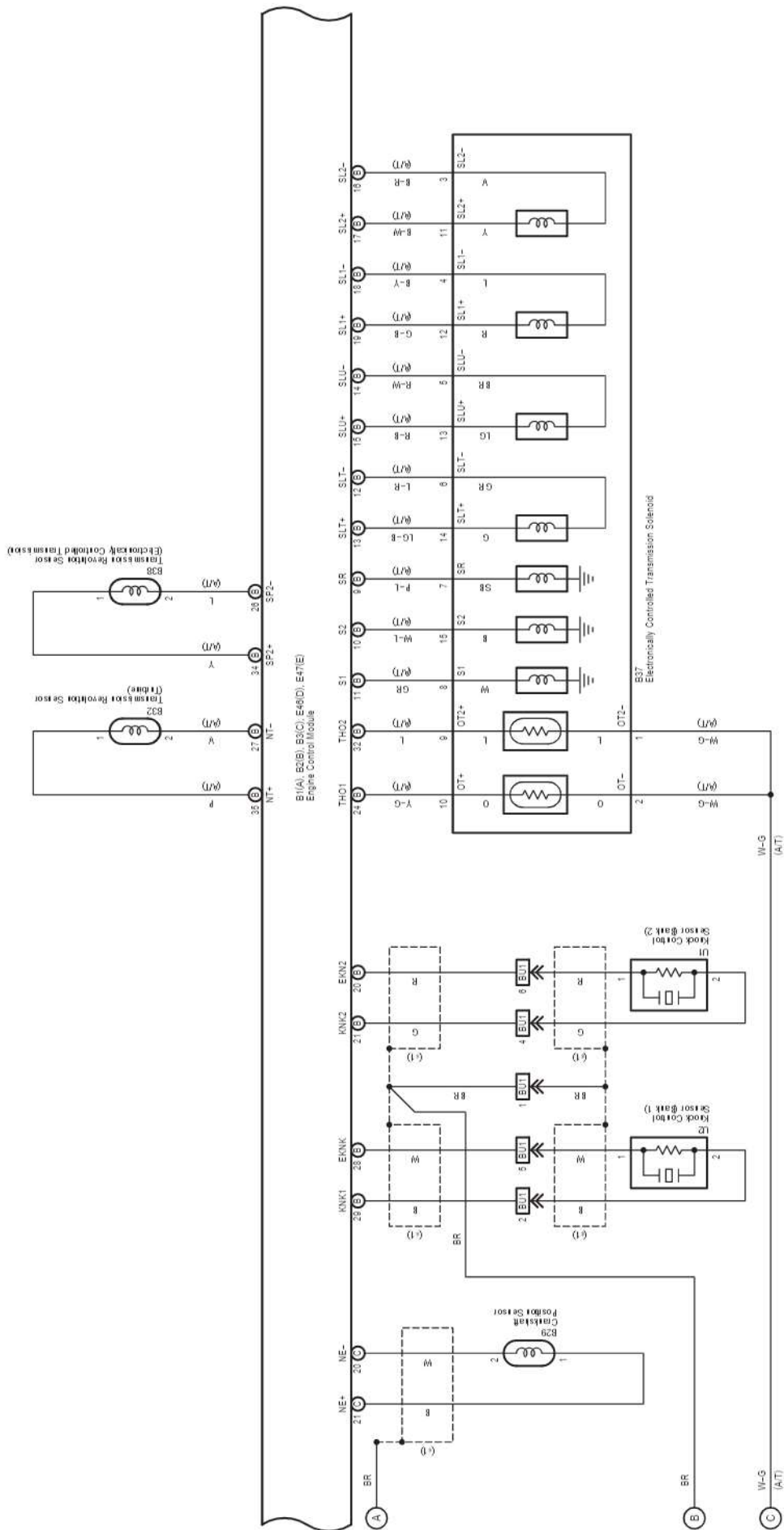
13

14

15

16

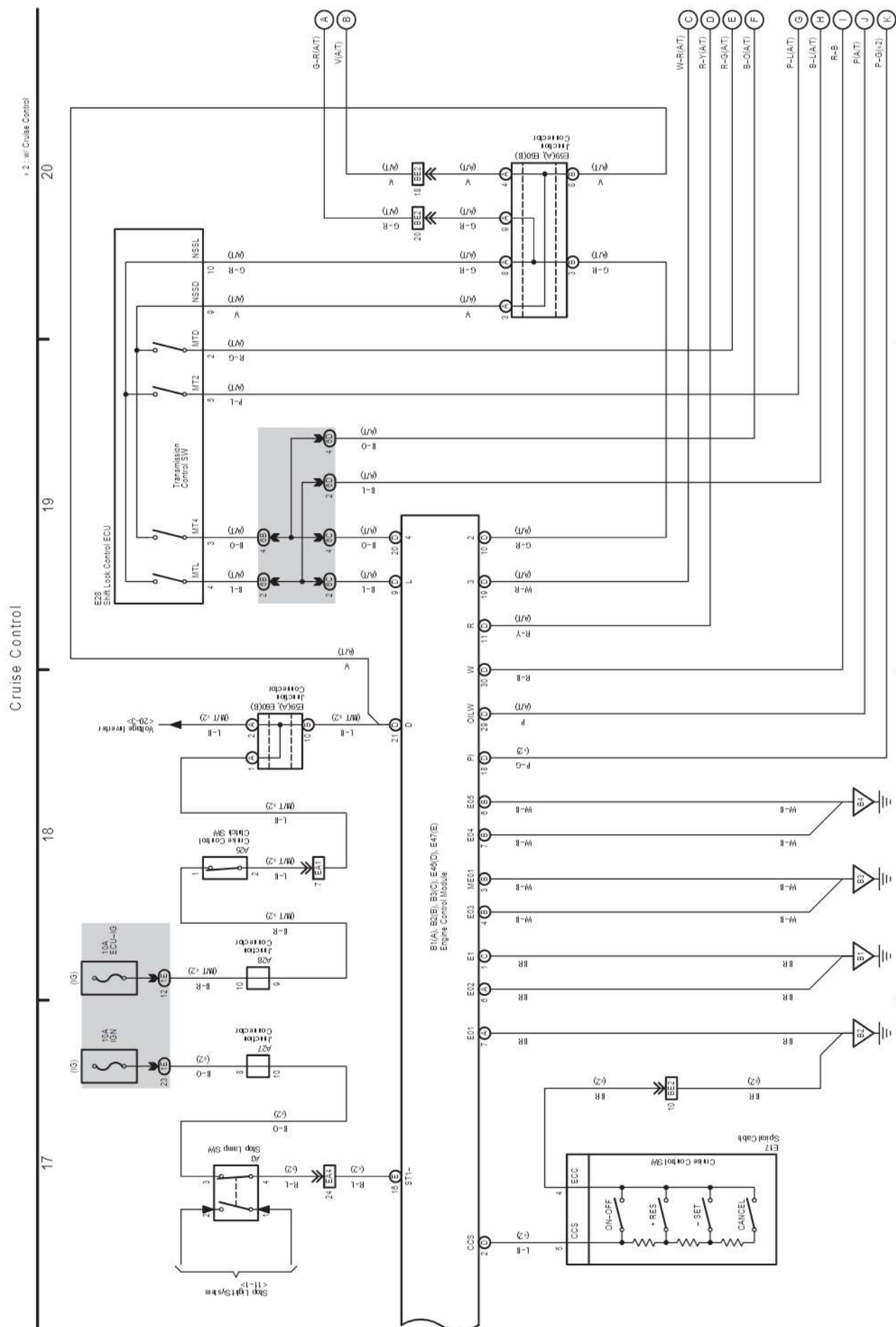
* 1 : Shielded



M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

5 FJ CRUISER (Cont' d)



Cruise Control

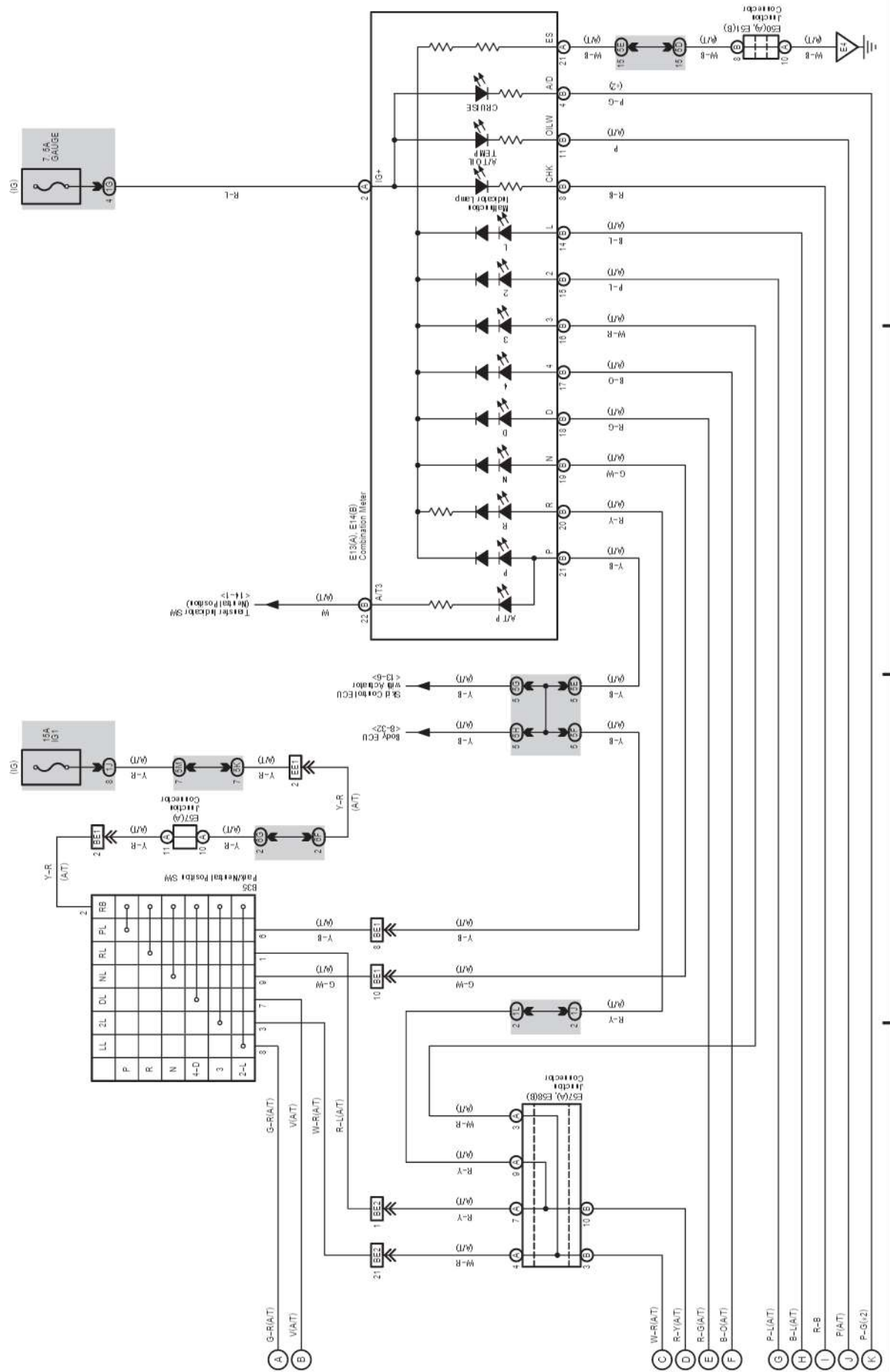
* 2 - w/ Cruise Control

21

22

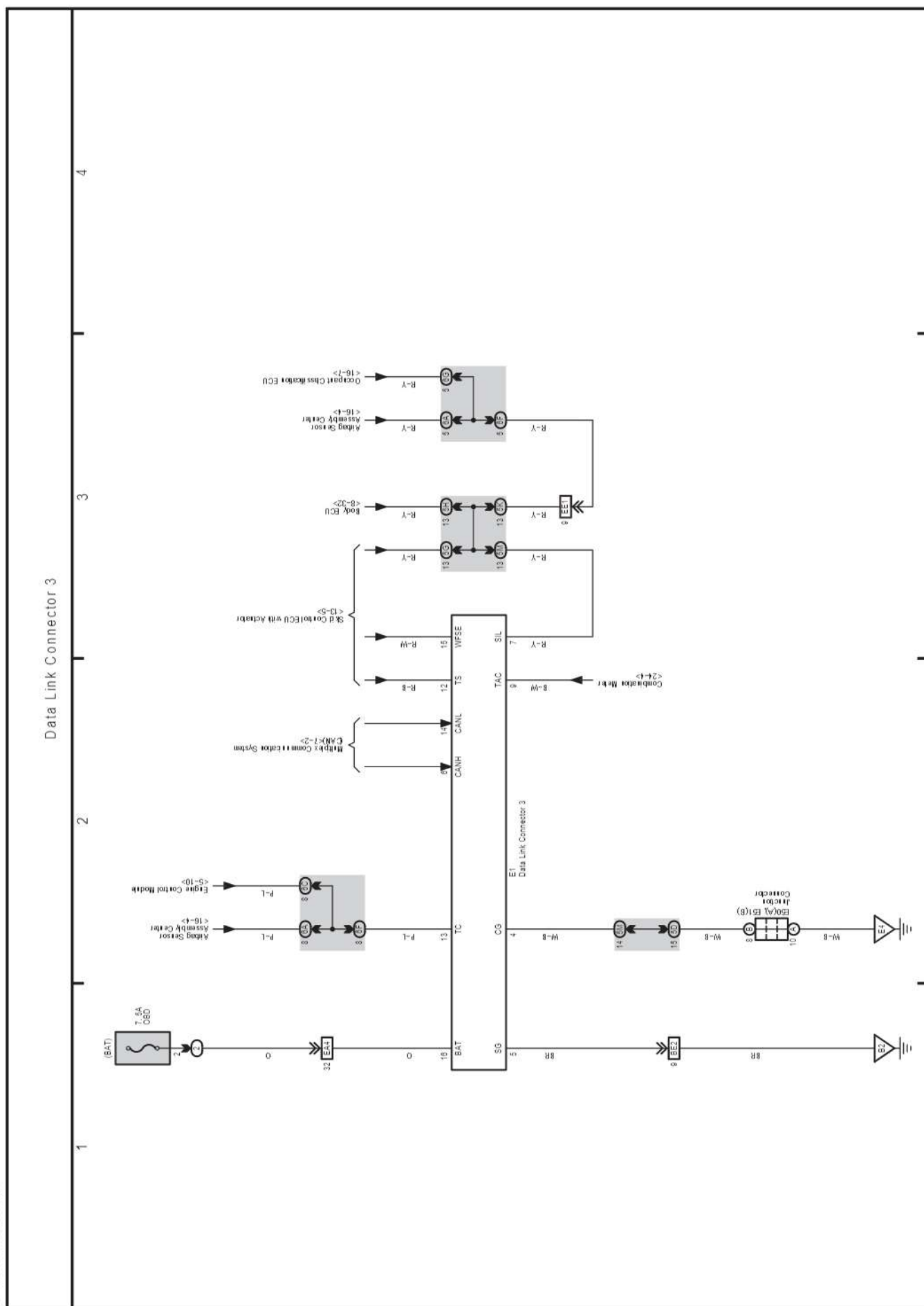
23

24

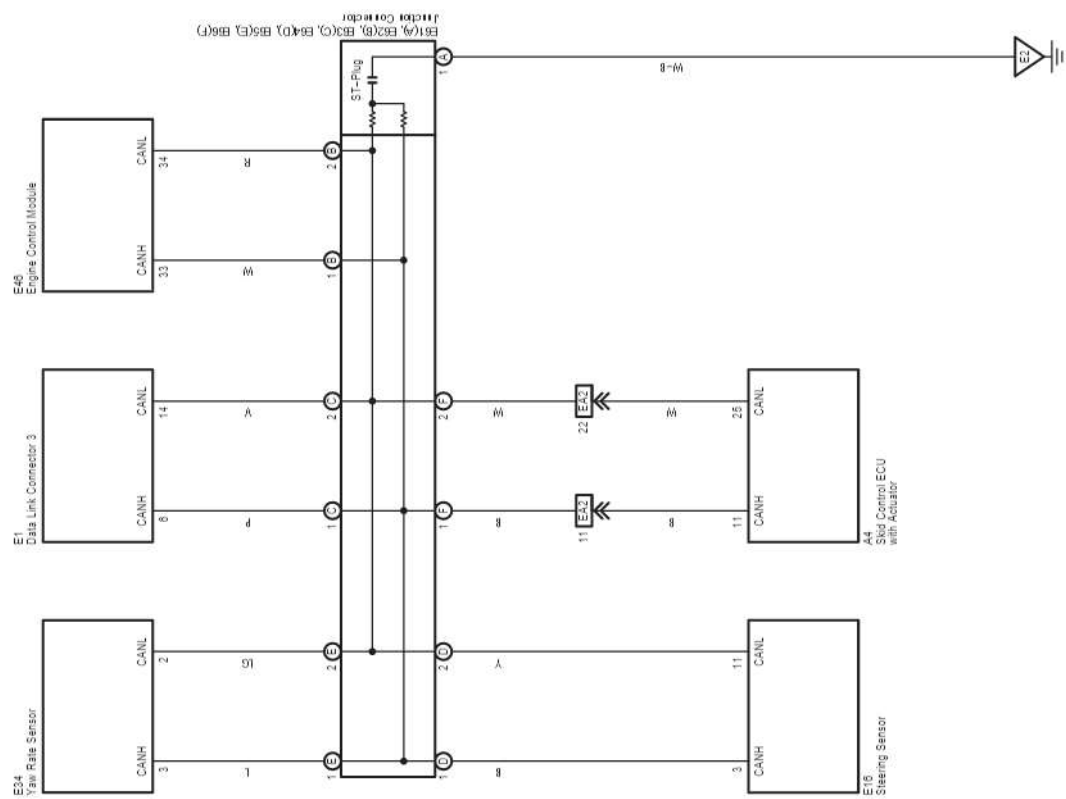


M OVERALL ELECTRICAL WIRING DIAGRAM

6 FJ CRUISER



Multiplex Communication System (CAN)



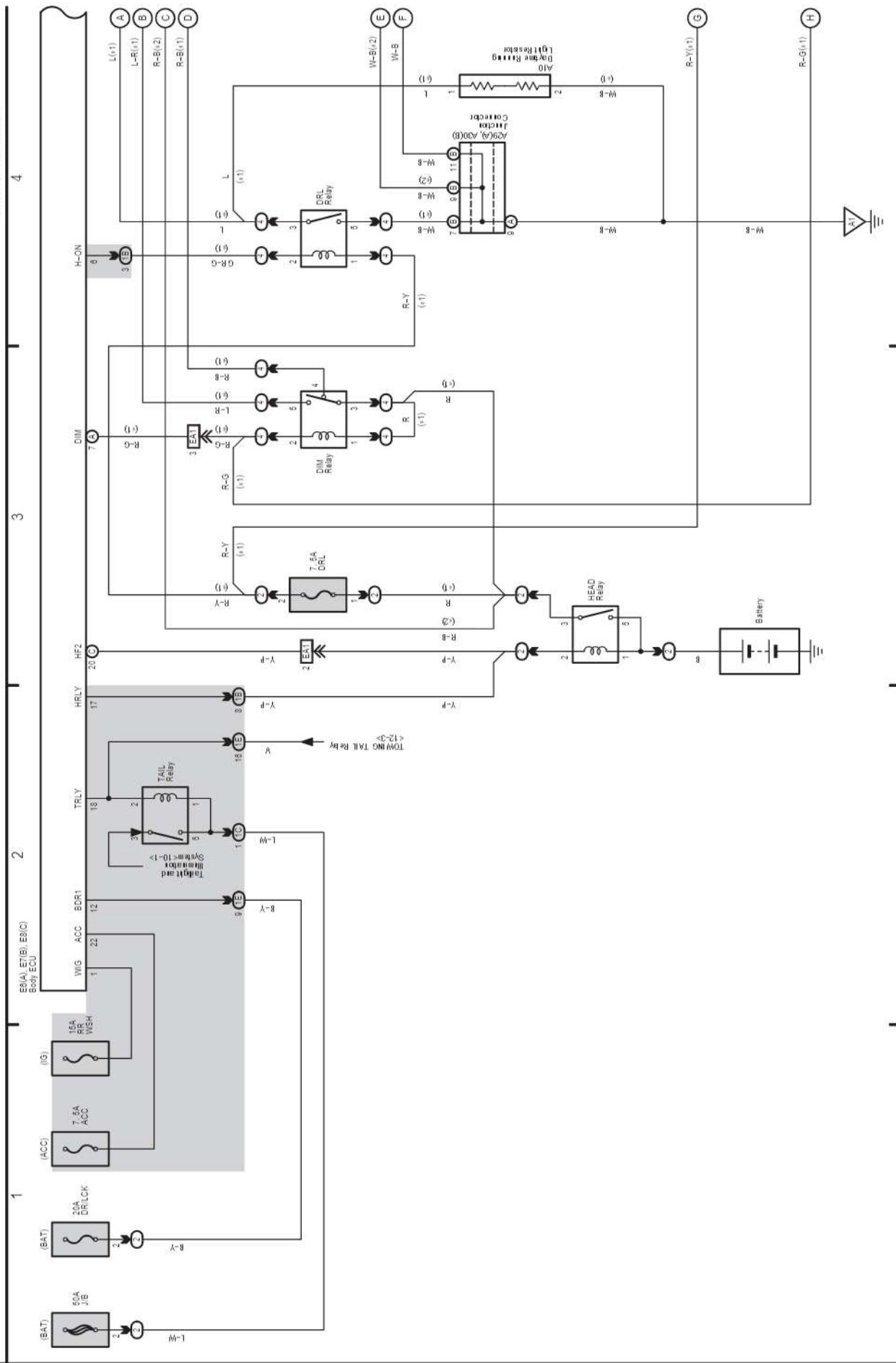
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

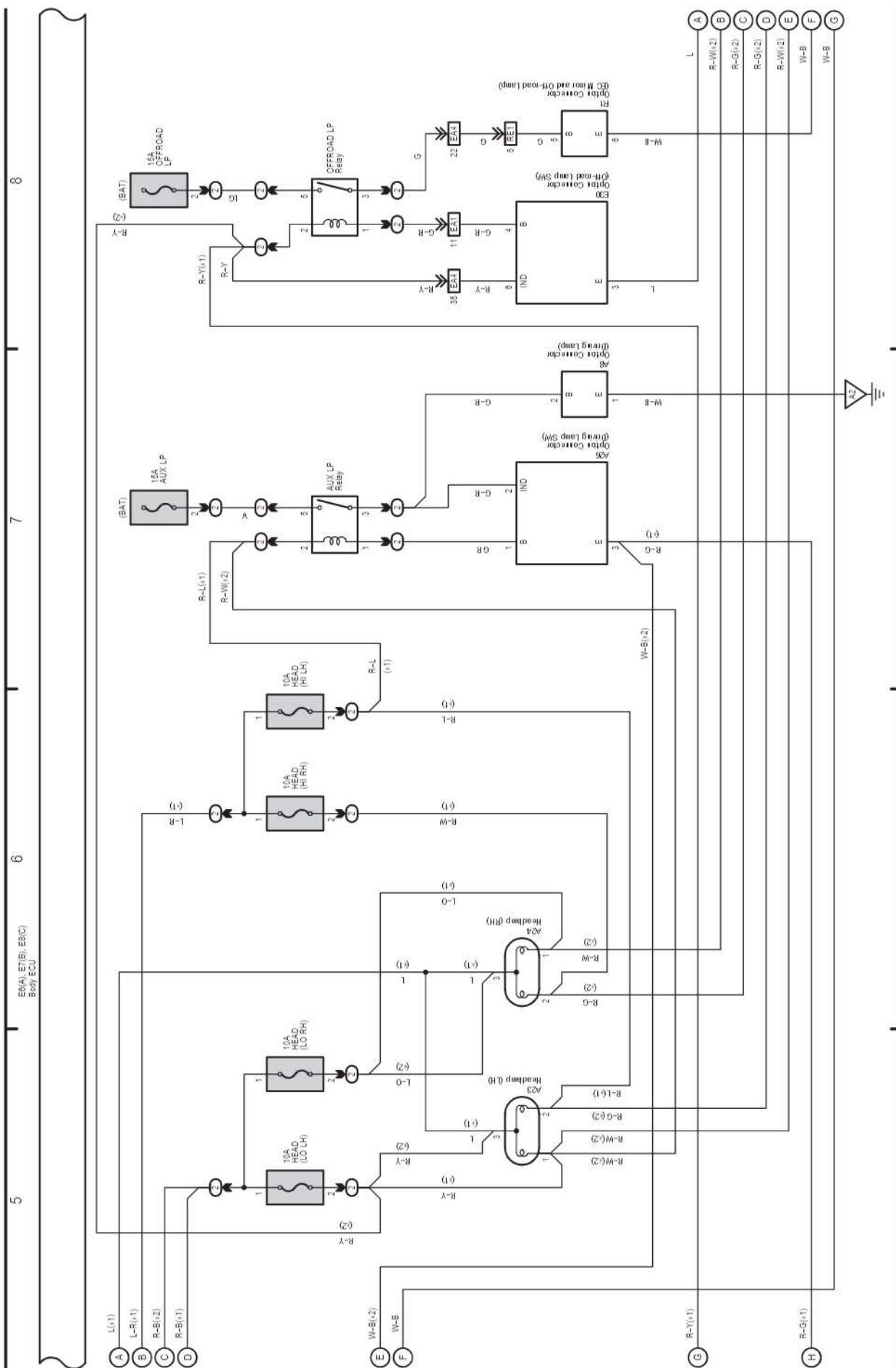
8 FJ CRUISER

Multiplex Communication System (BEAN)

* 1 : w/ Daytime Running Light
+ 2 : w/o Daytime Running Light



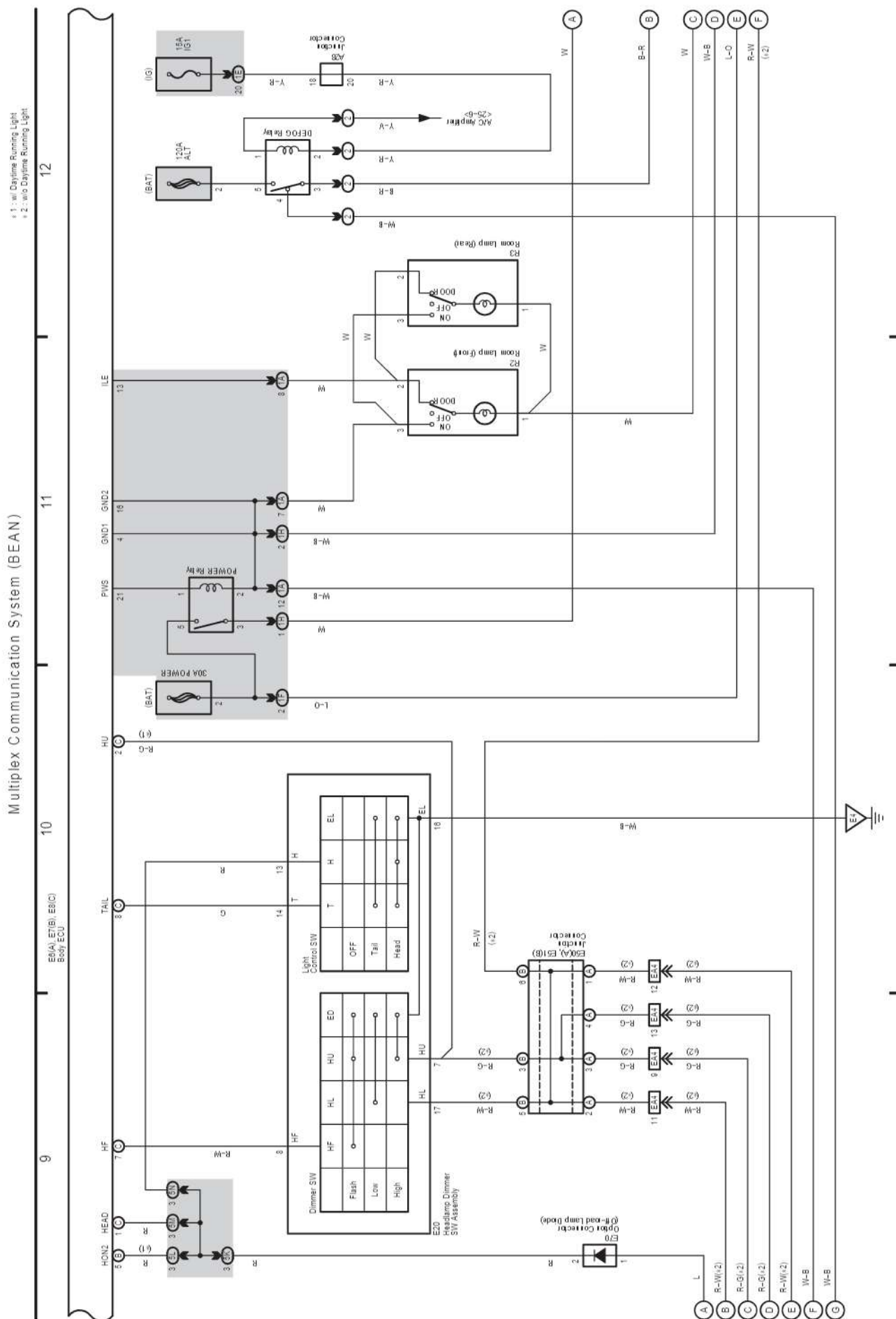
* 1 : w/ Daytime Running Light
* 2 : w/o Daytime Running Light



M OVERALL ELECTRICAL WIRING DIAGRAM

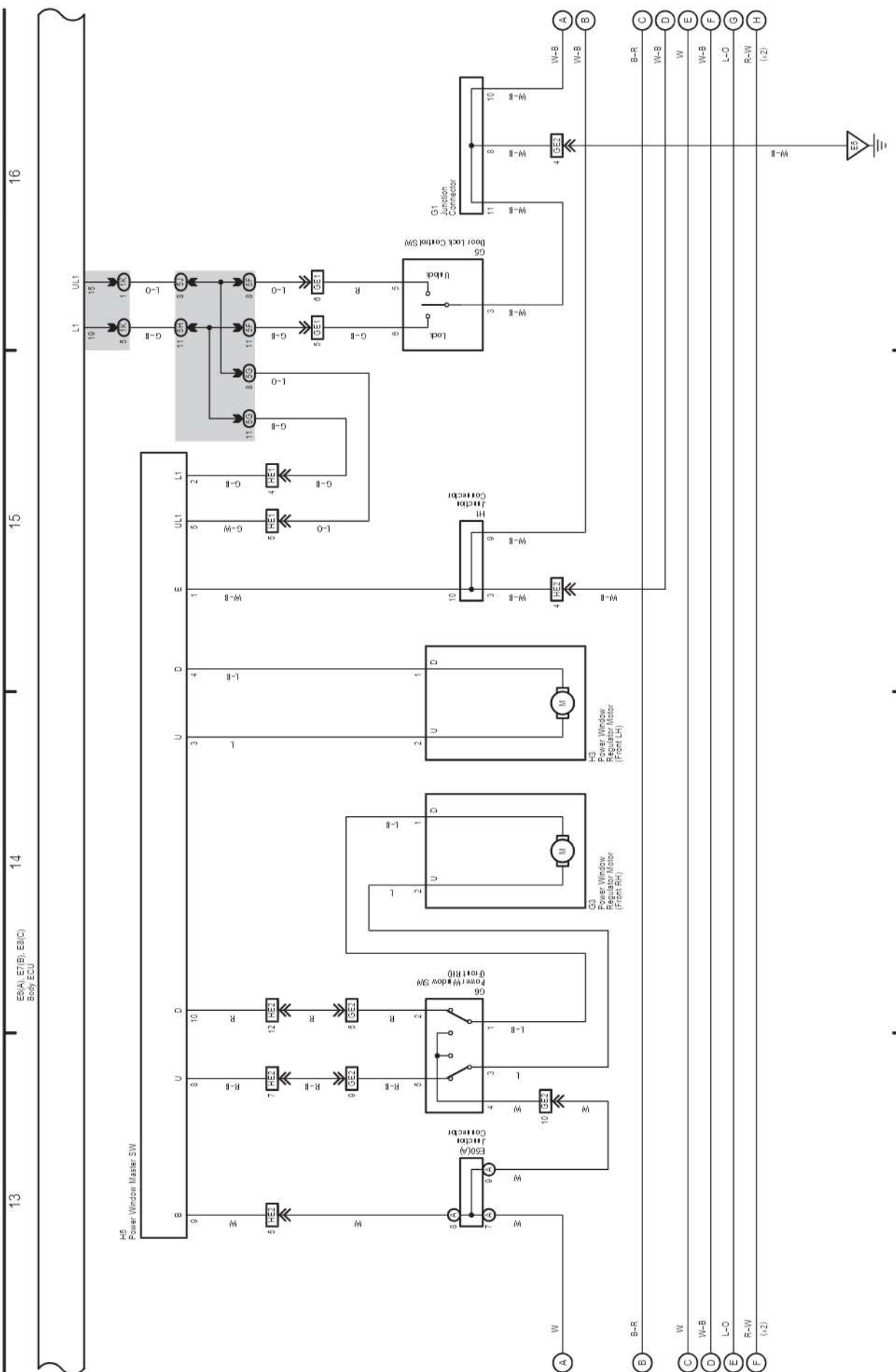
(Cont. next page)

8 FJ CRUISER (Cont' d)



Multiplex Communication System (BEAN)

* 2 - w/o Daytime Running Light



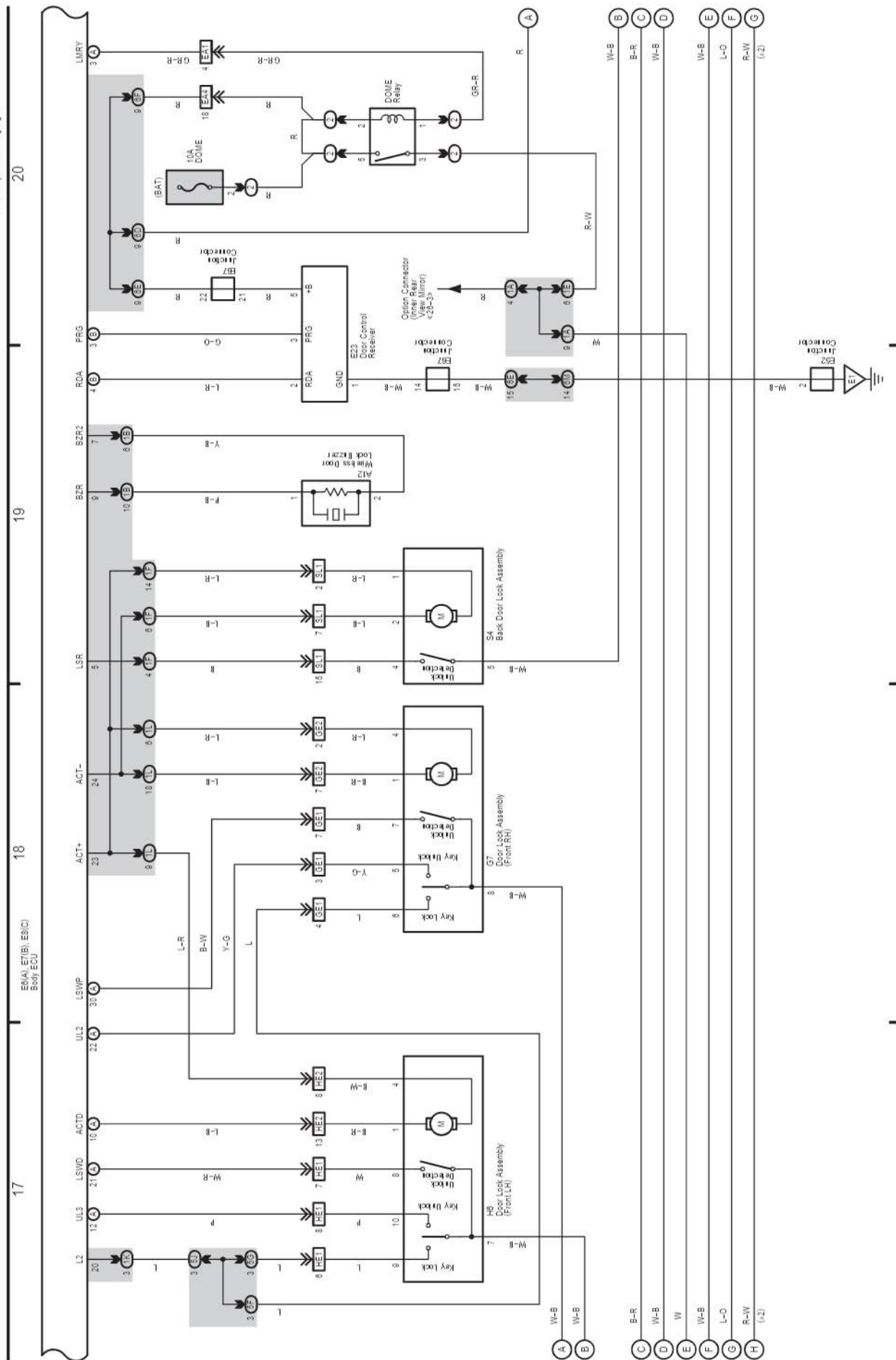
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

8 FJ CRUISER (Cont' d)

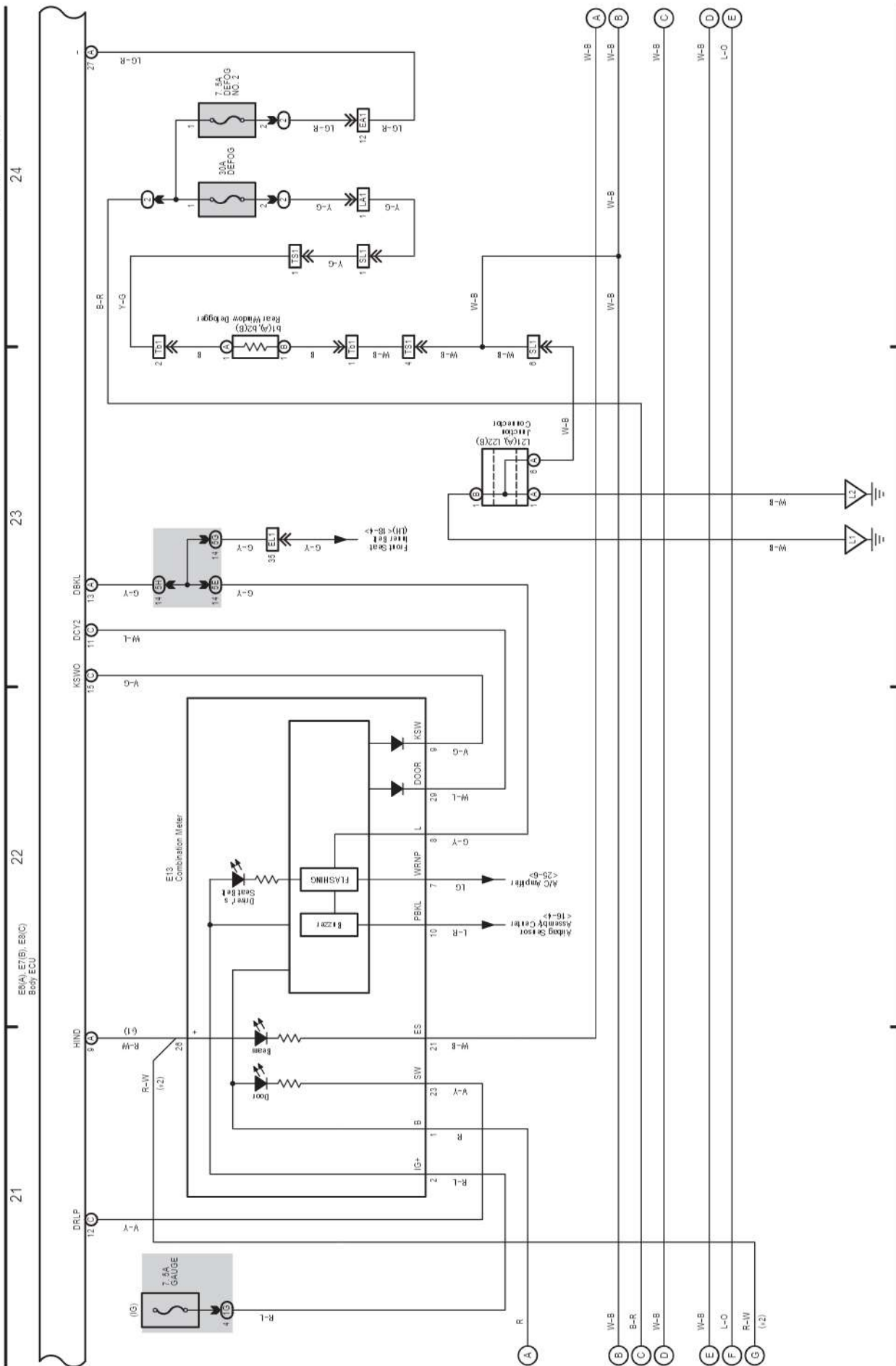
Multiplex Communication System (BEAN)

* 2: no Daytime Running Light



Multiplex Communication System (BEAN)

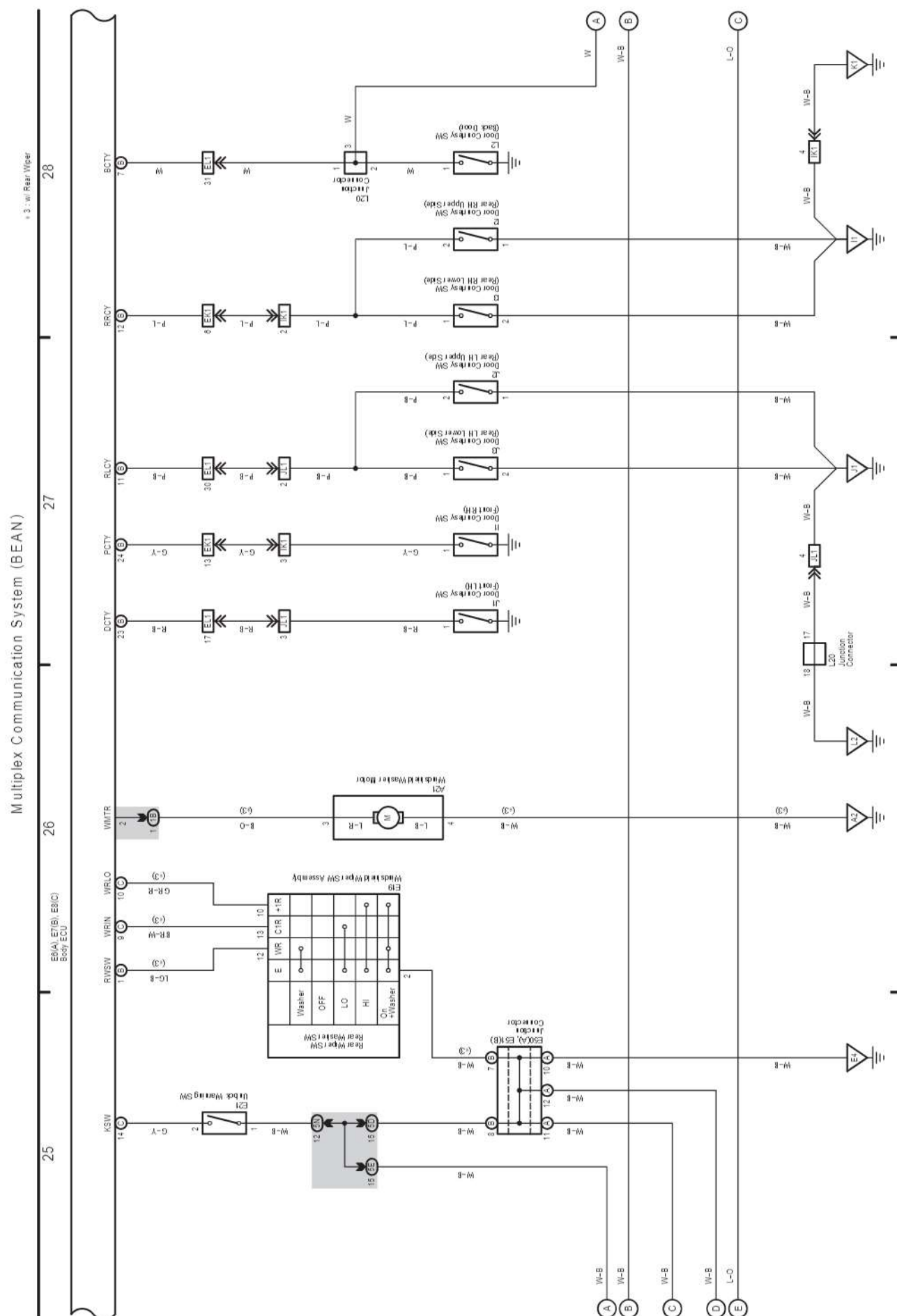
* 1 : w/ Daytime Running Light
 * 2 : w/o Daytime Running Light



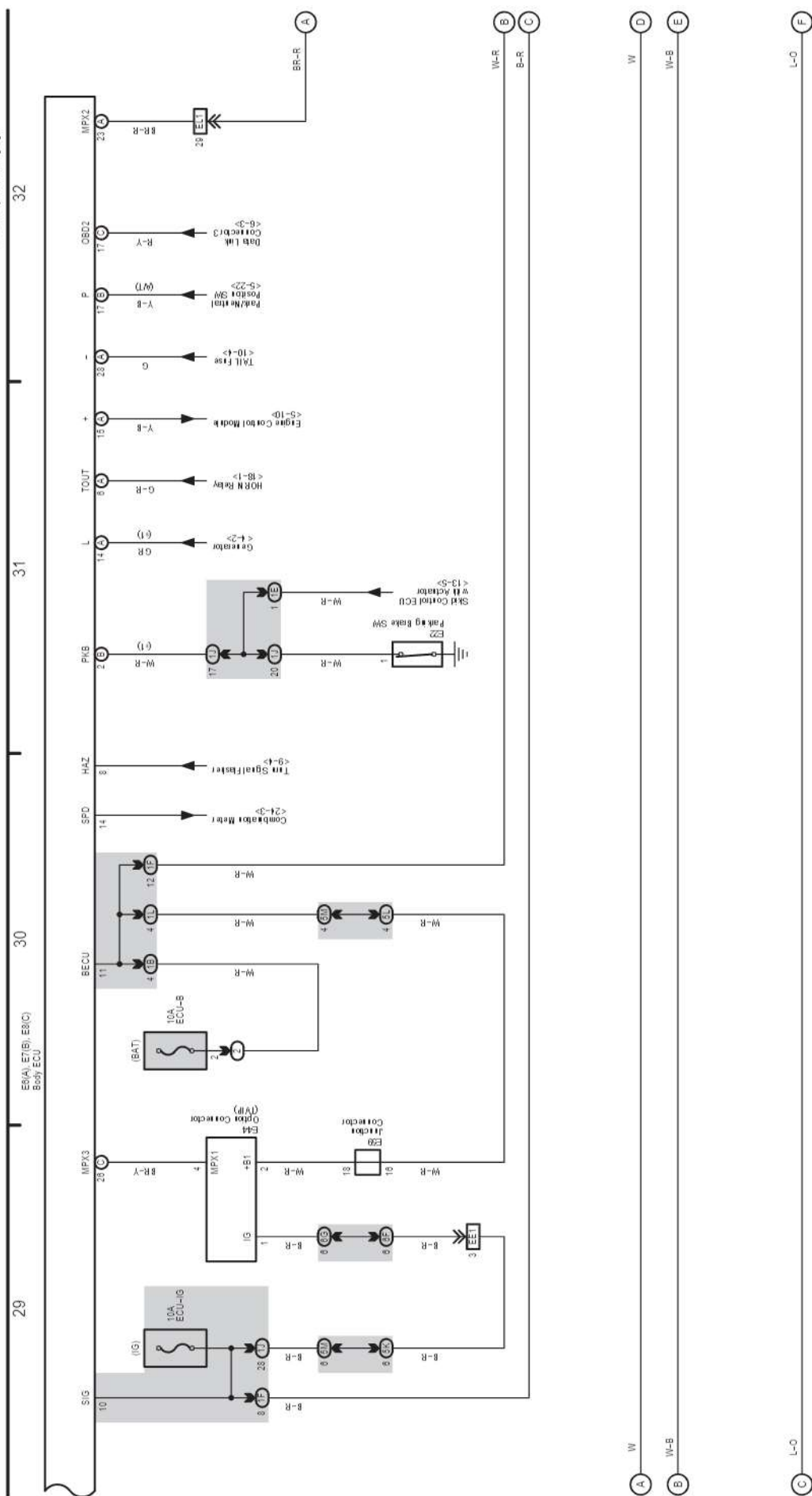
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

8 FJ CRUISER (Cont' d)



1 : w/ Daytime Running Light

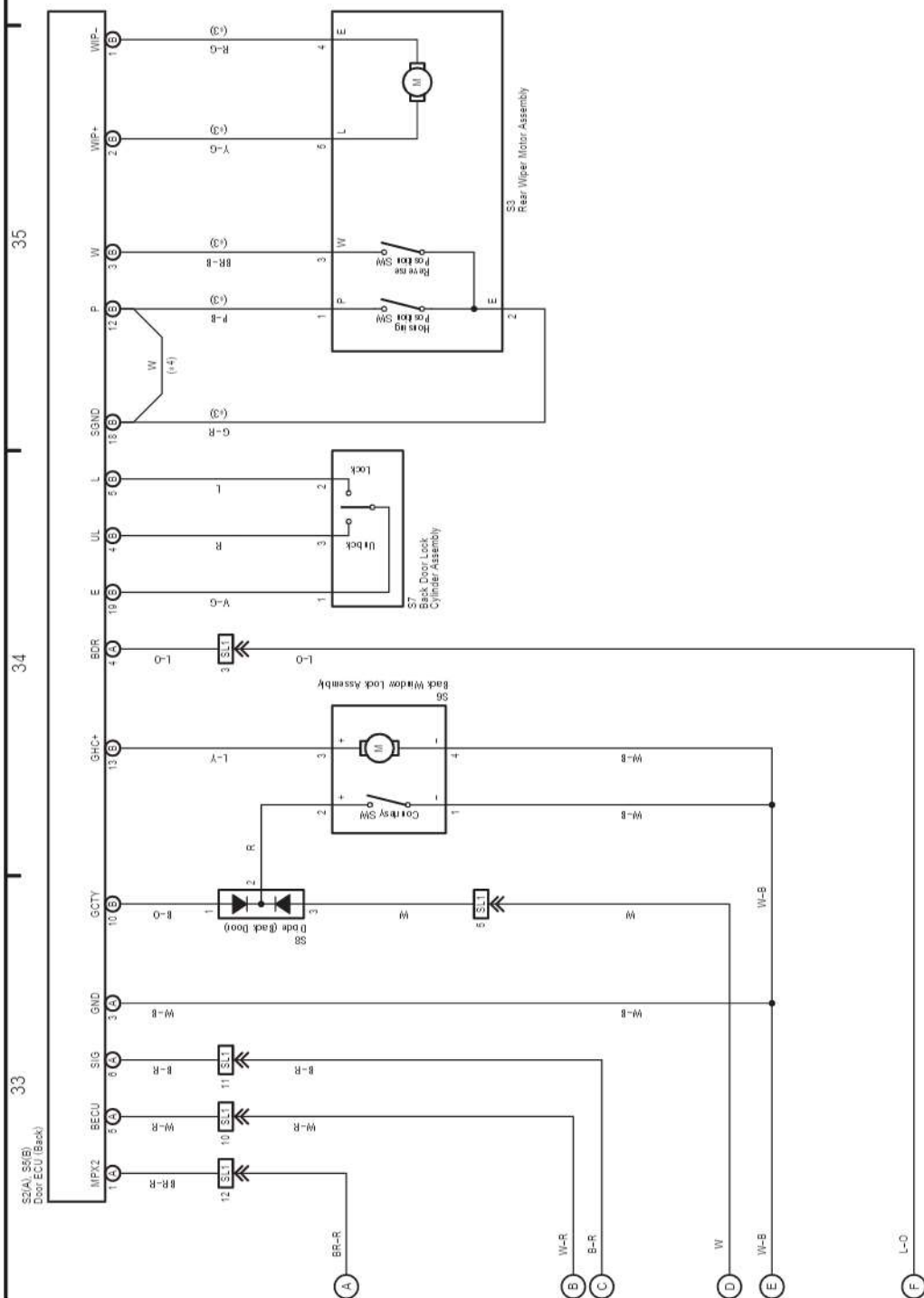


M OVERALL ELECTRICAL WIRING DIAGRAM

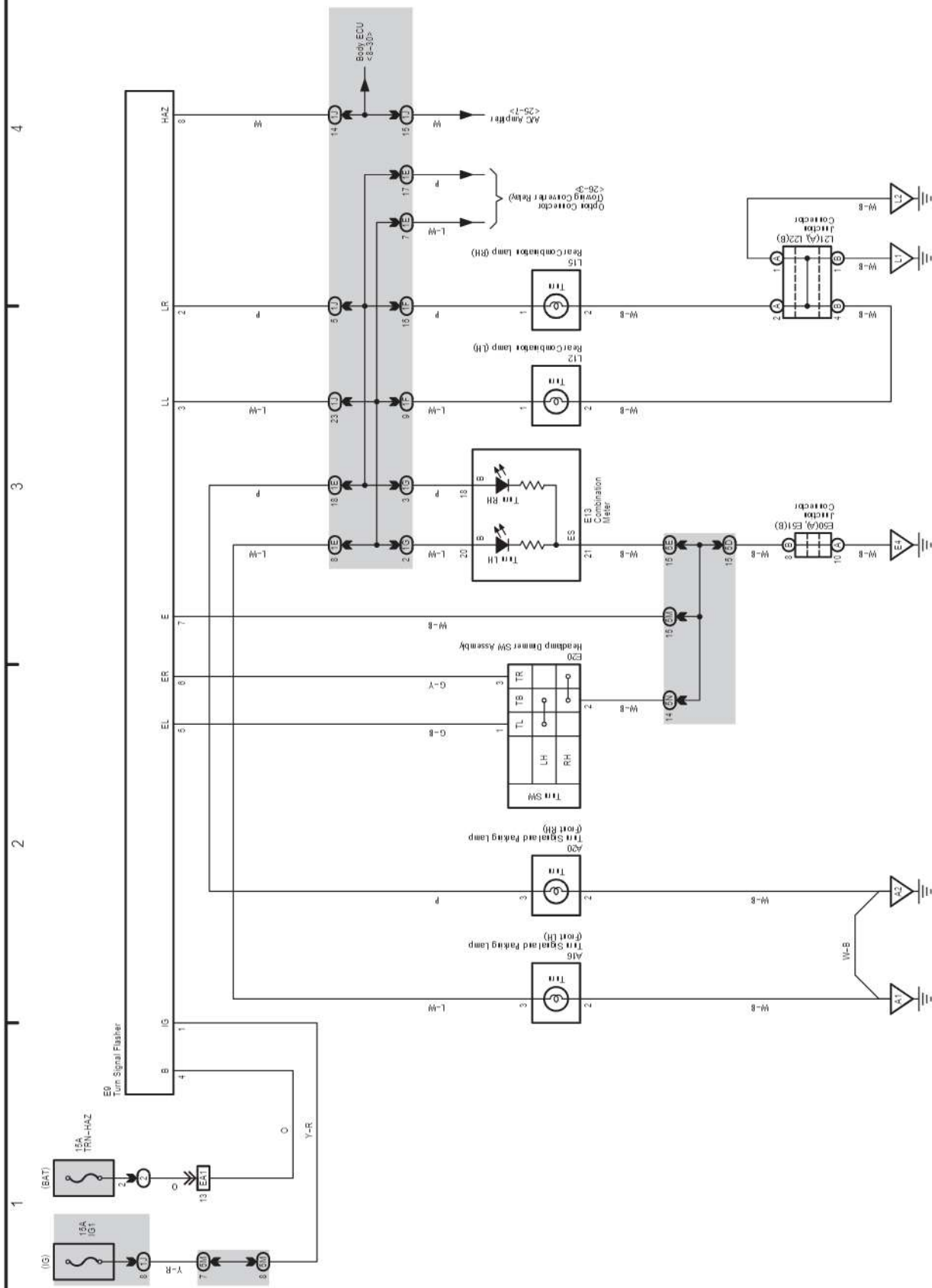
8 FJ CRUISER (Cont' d)

Multiplex Communication System (BEAN)

* 3 : w/ Rear Wiper
+ 4 : w/o Rear Wiper



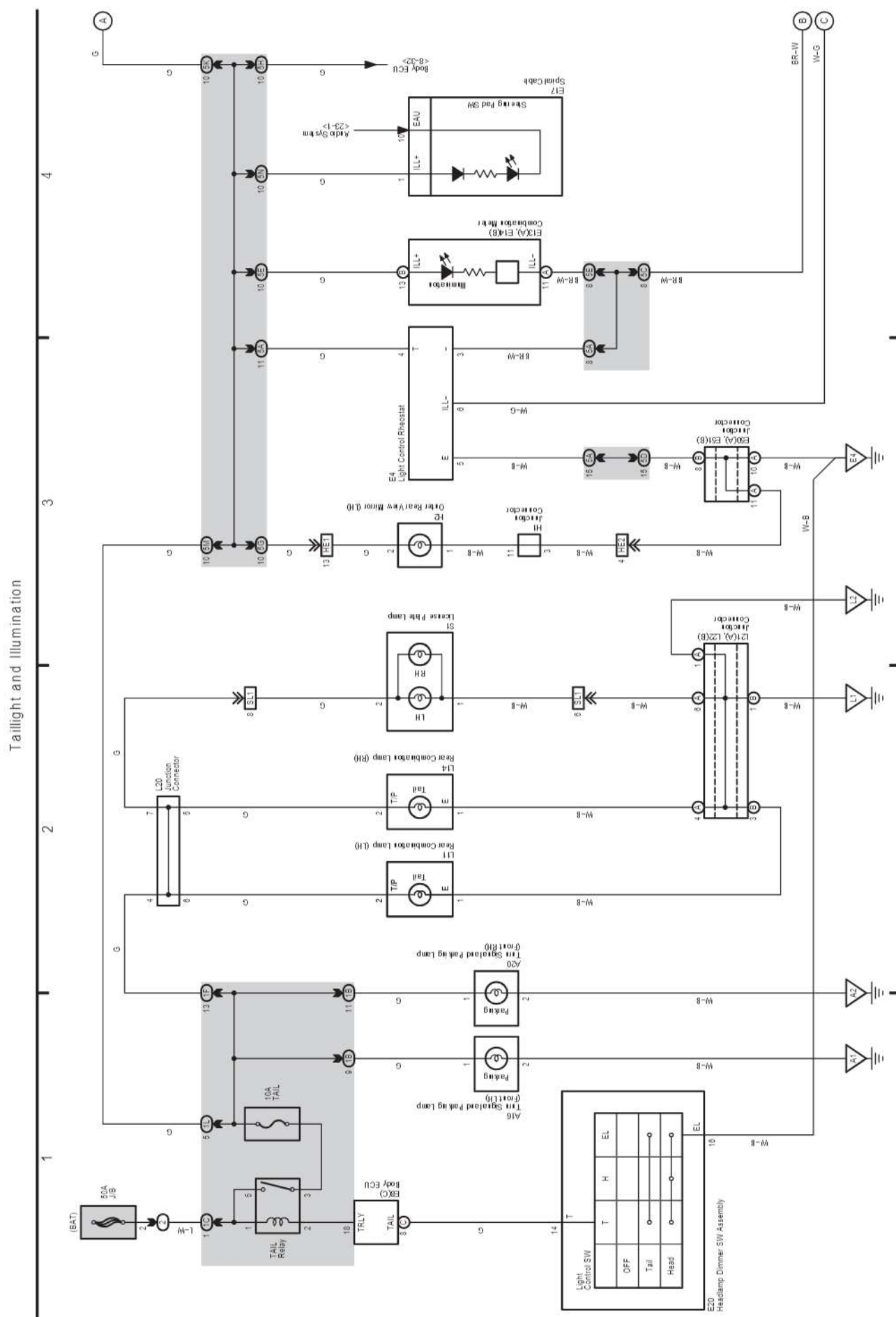
Turn Signal and Hazard Warning Light



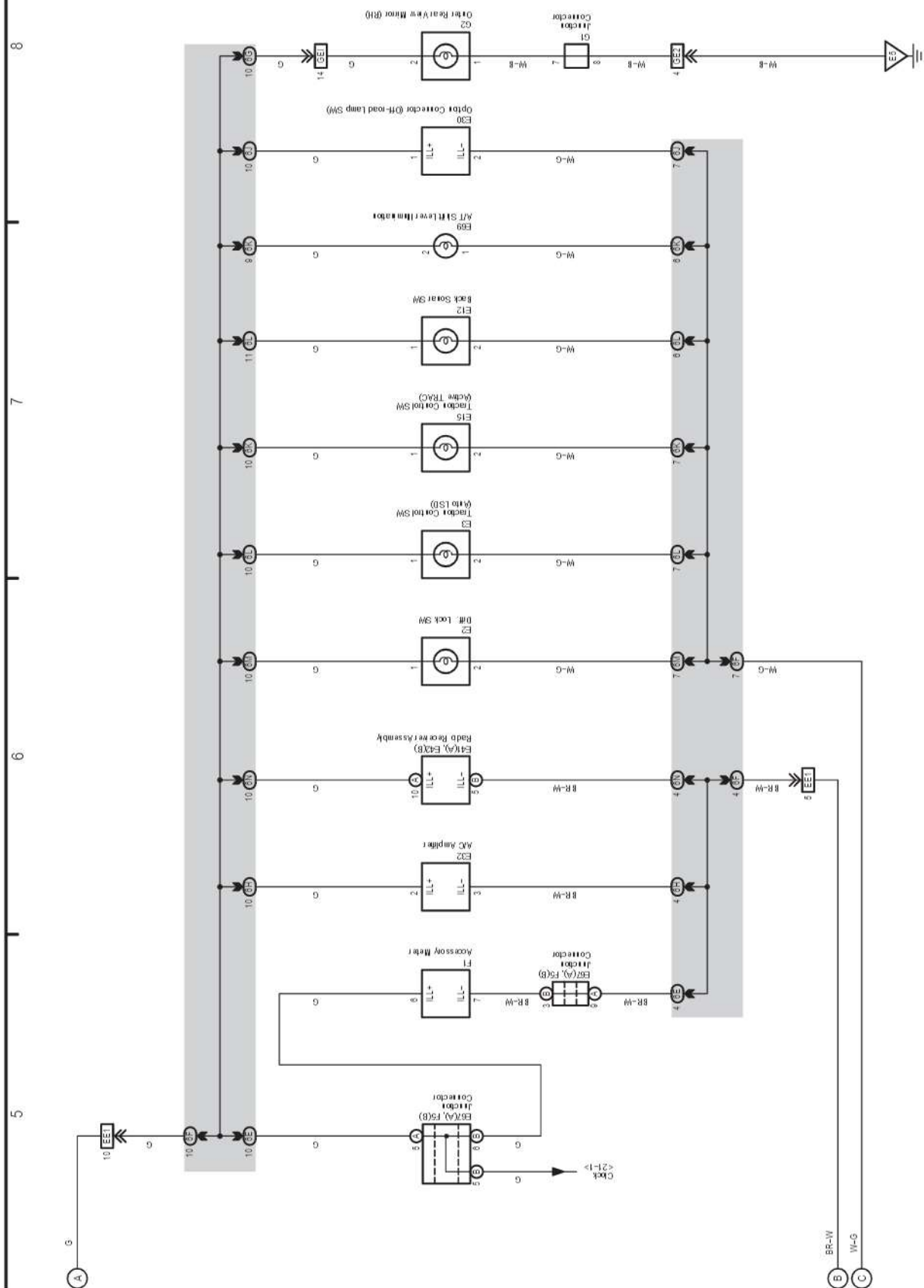
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

10 FJ CRUISER

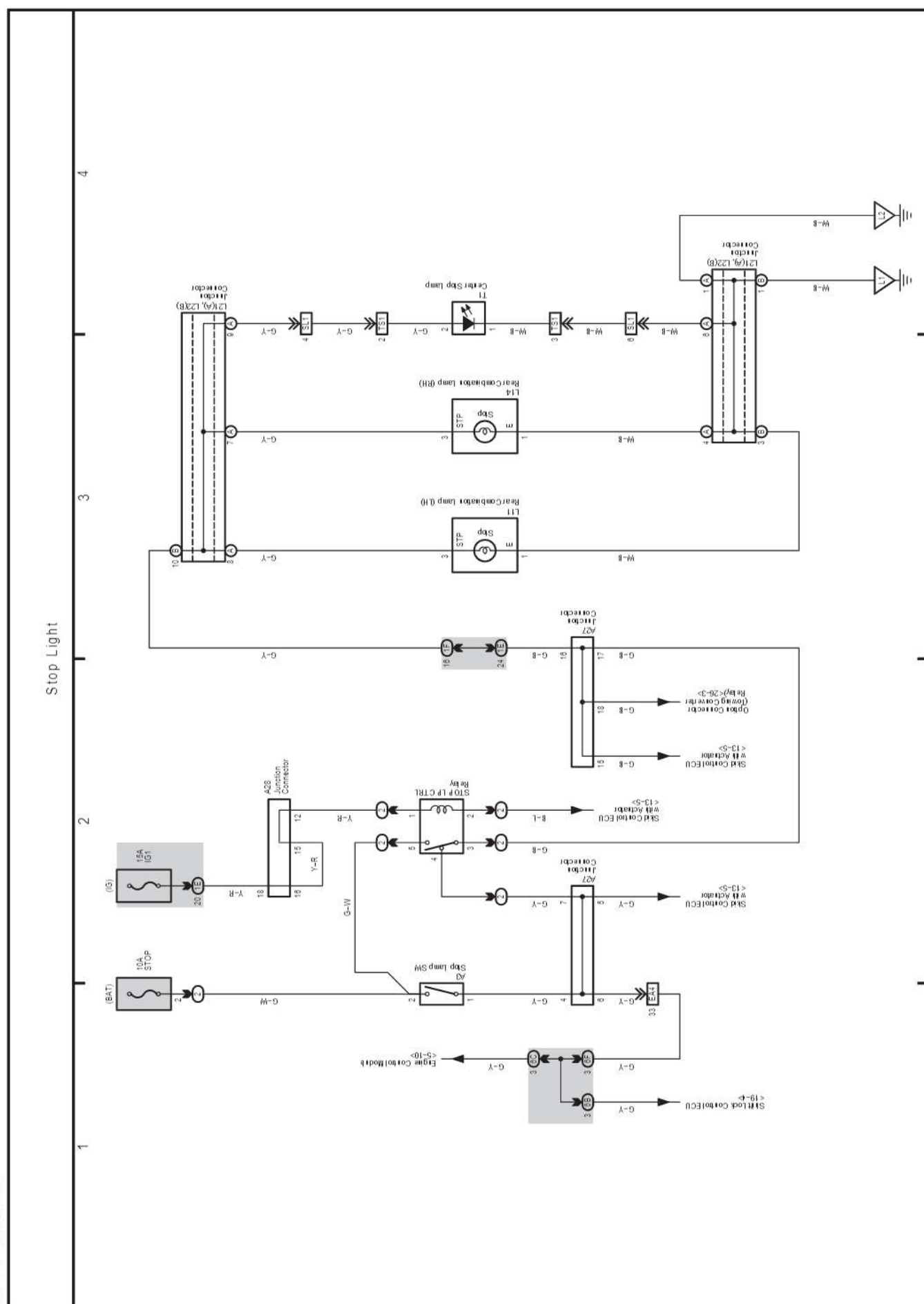


Taillight and Illumination

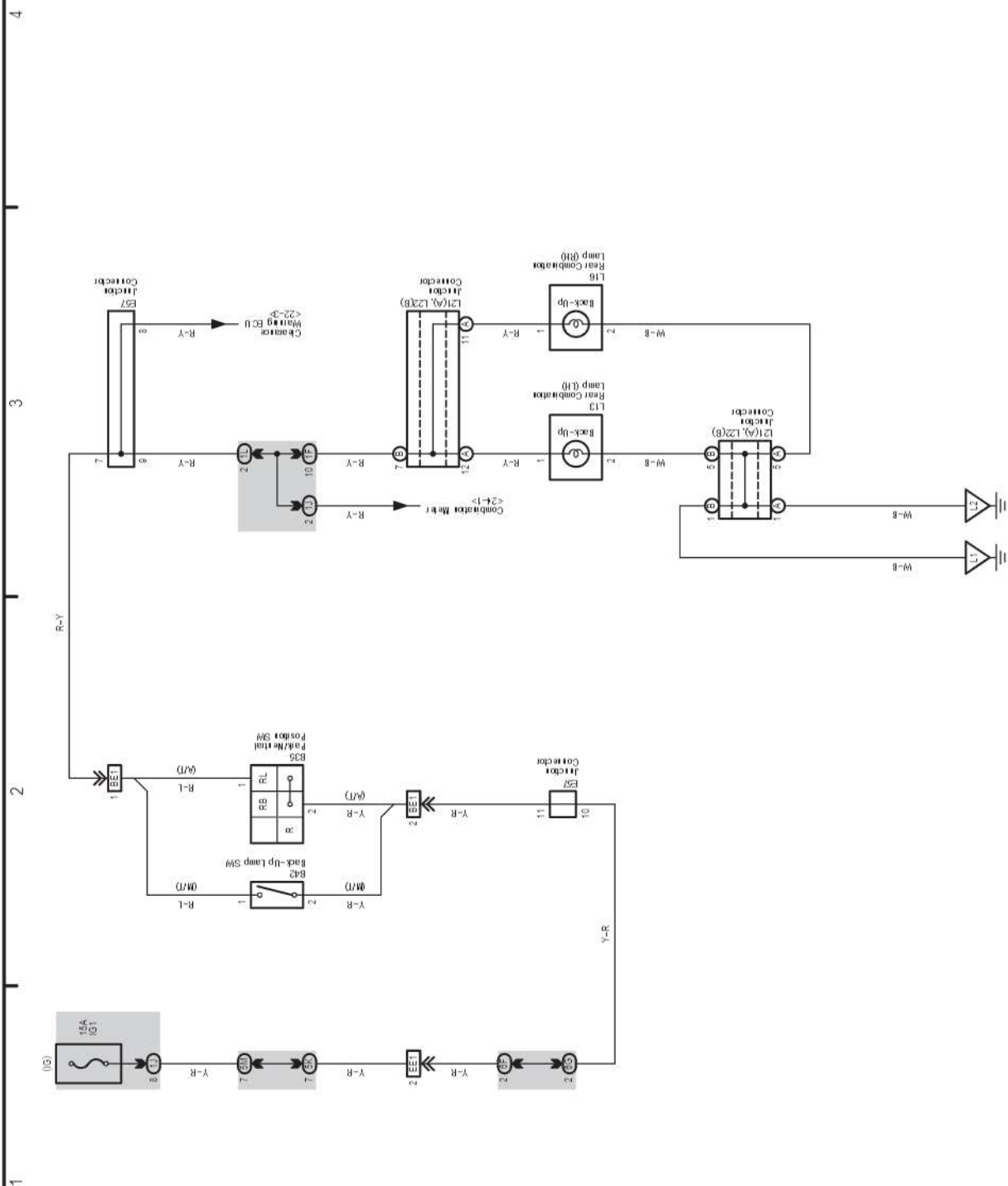


M OVERALL ELECTRICAL WIRING DIAGRAM

11 FJ CRUISER



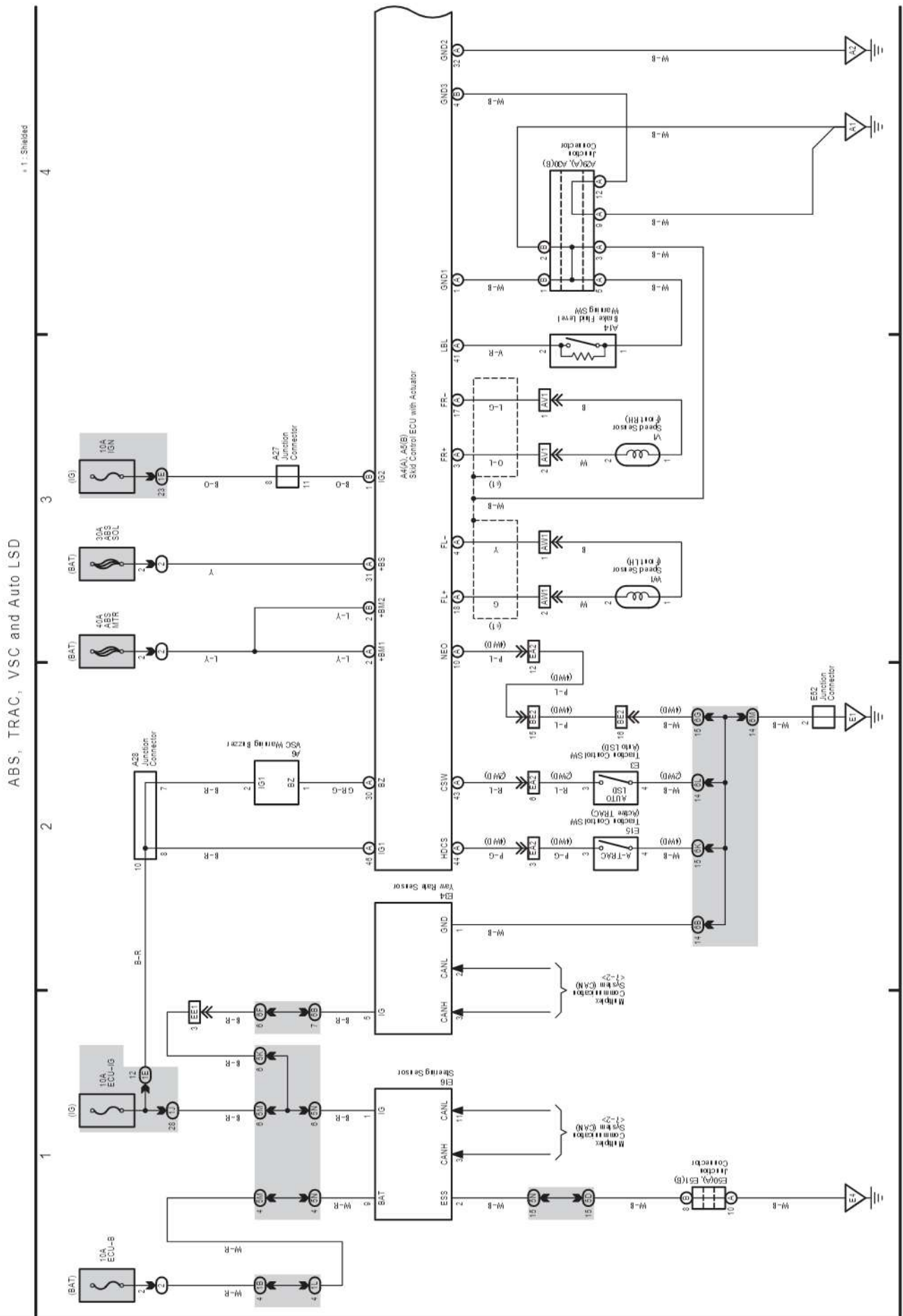
Back-Up Light



M OVERALL ELECTRICAL WIRING DIAGRAM

13 FJ CRUISER

(Cont. next page)

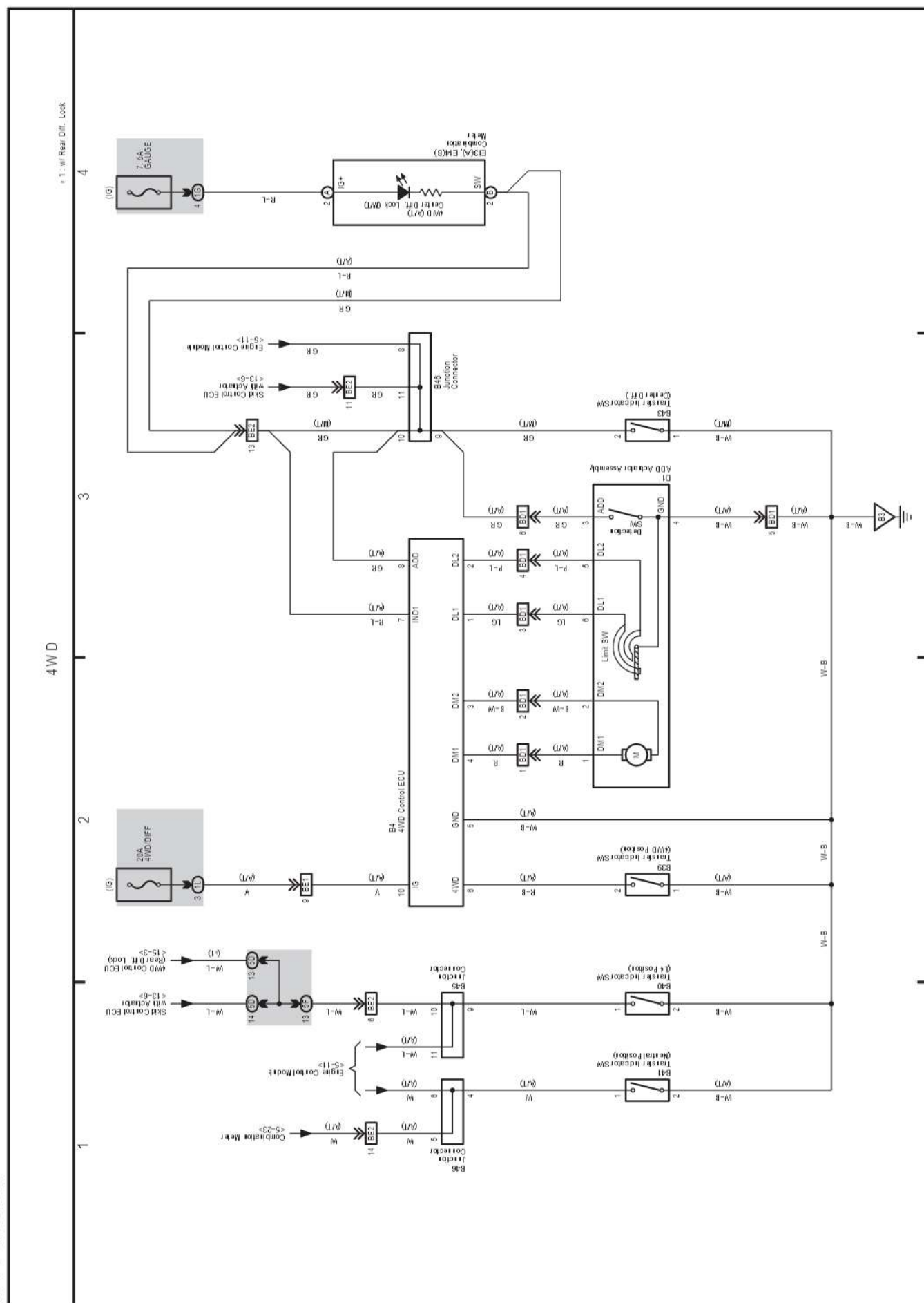


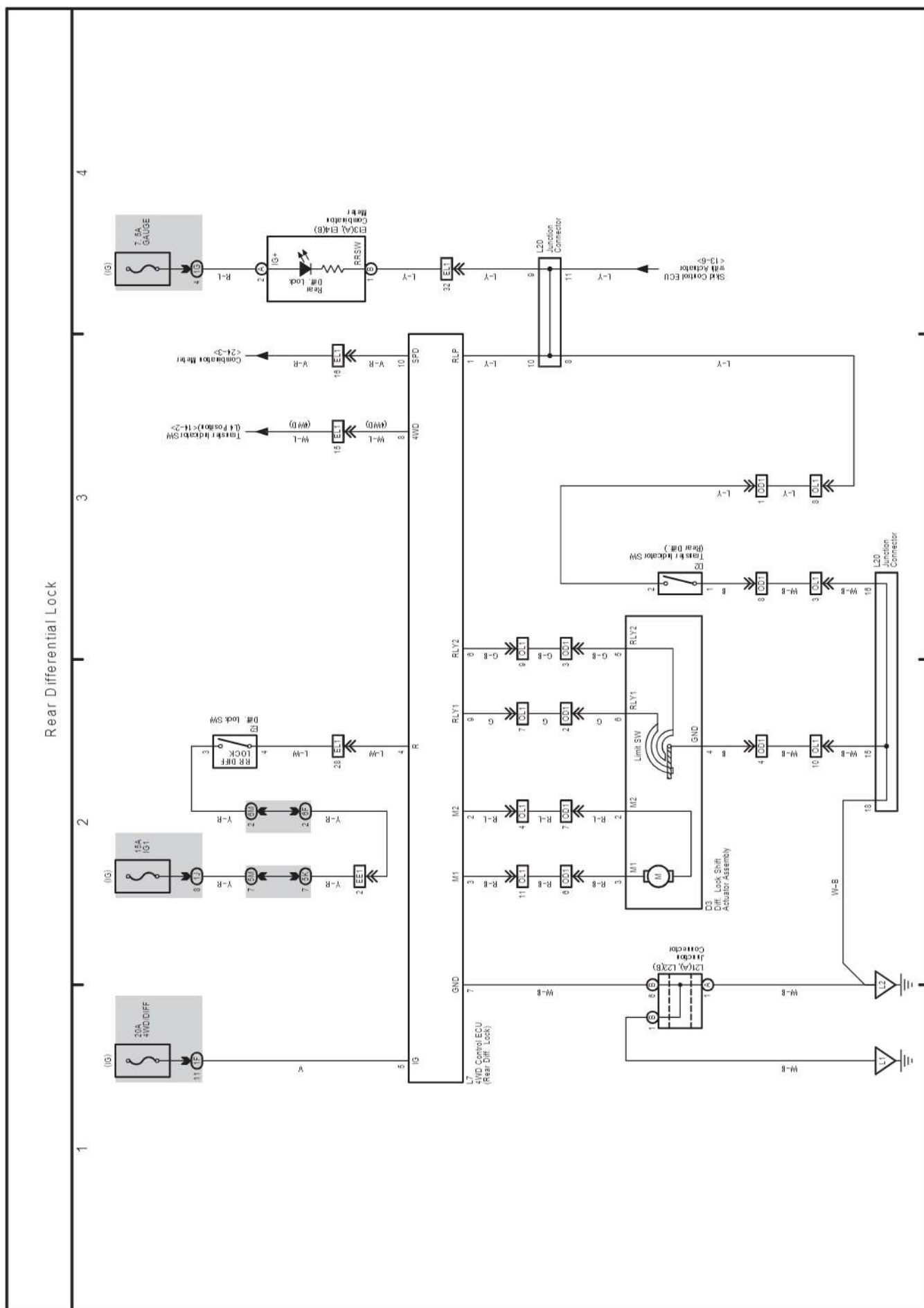
* 2 : w/ Rear Diff. Lock
* 3 : 4WD, 2WD w/ Rear Diff. Lock



M OVERALL ELECTRICAL WIRING DIAGRAM

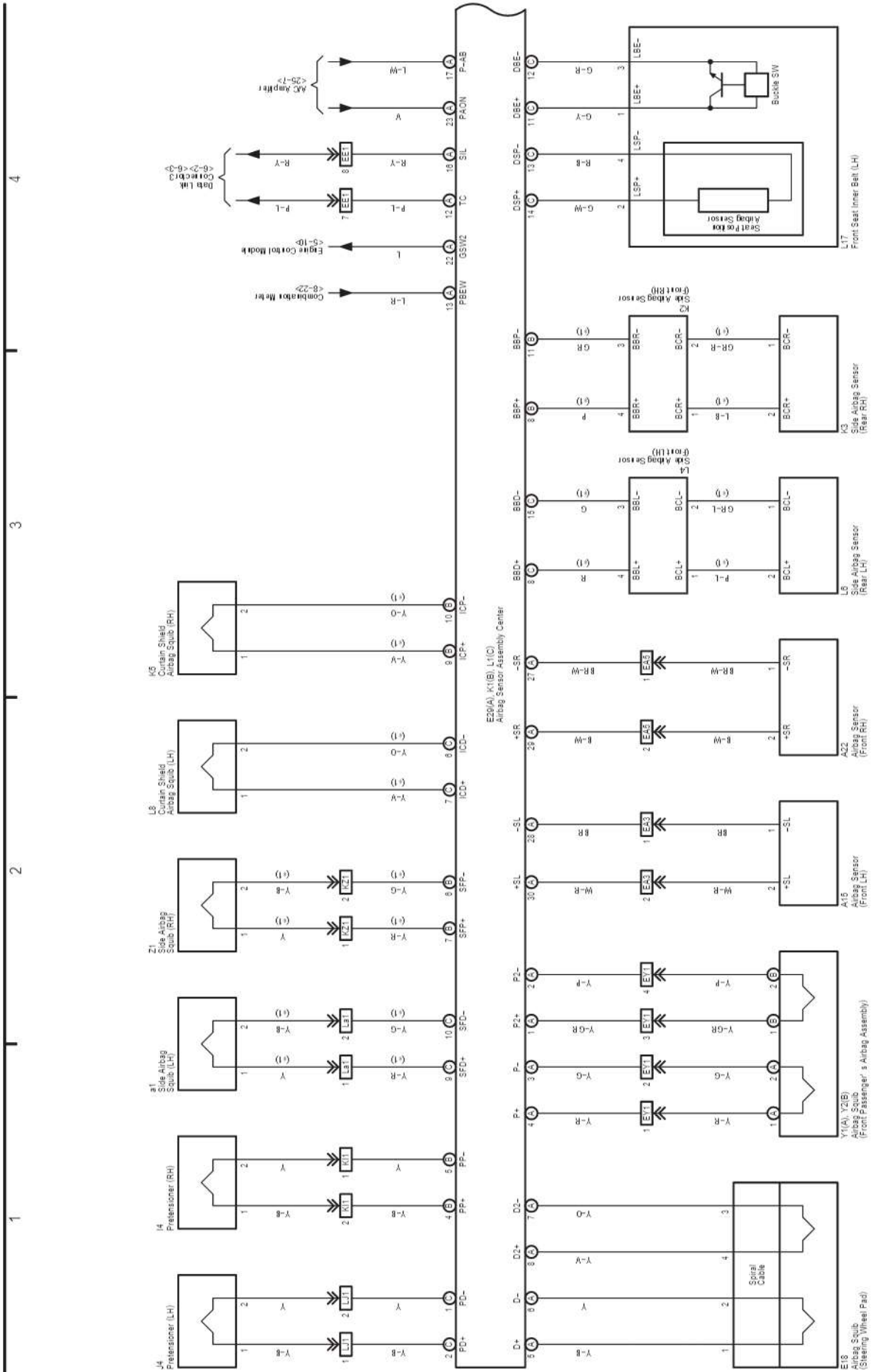
14 FJ CRUISER

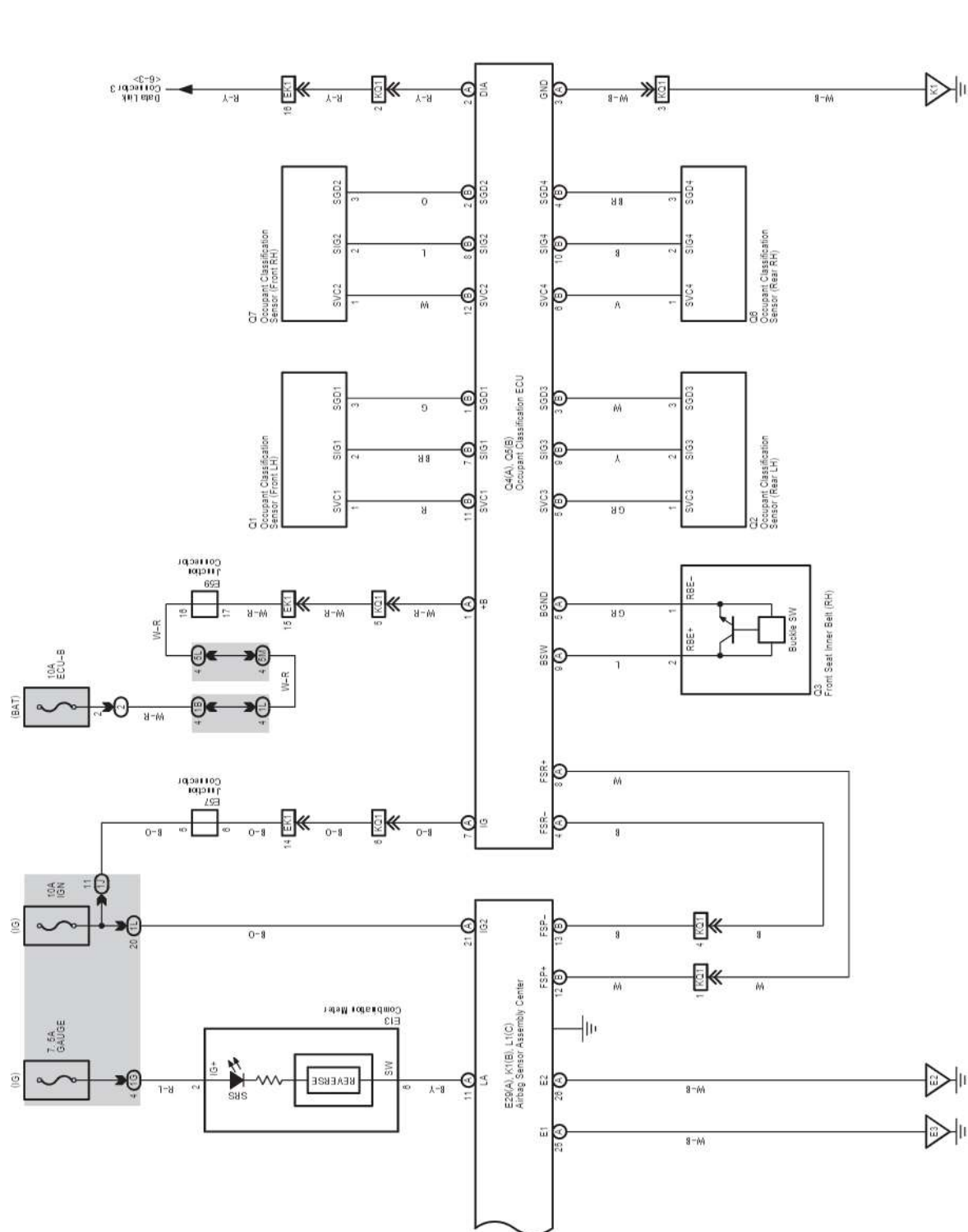




SRS

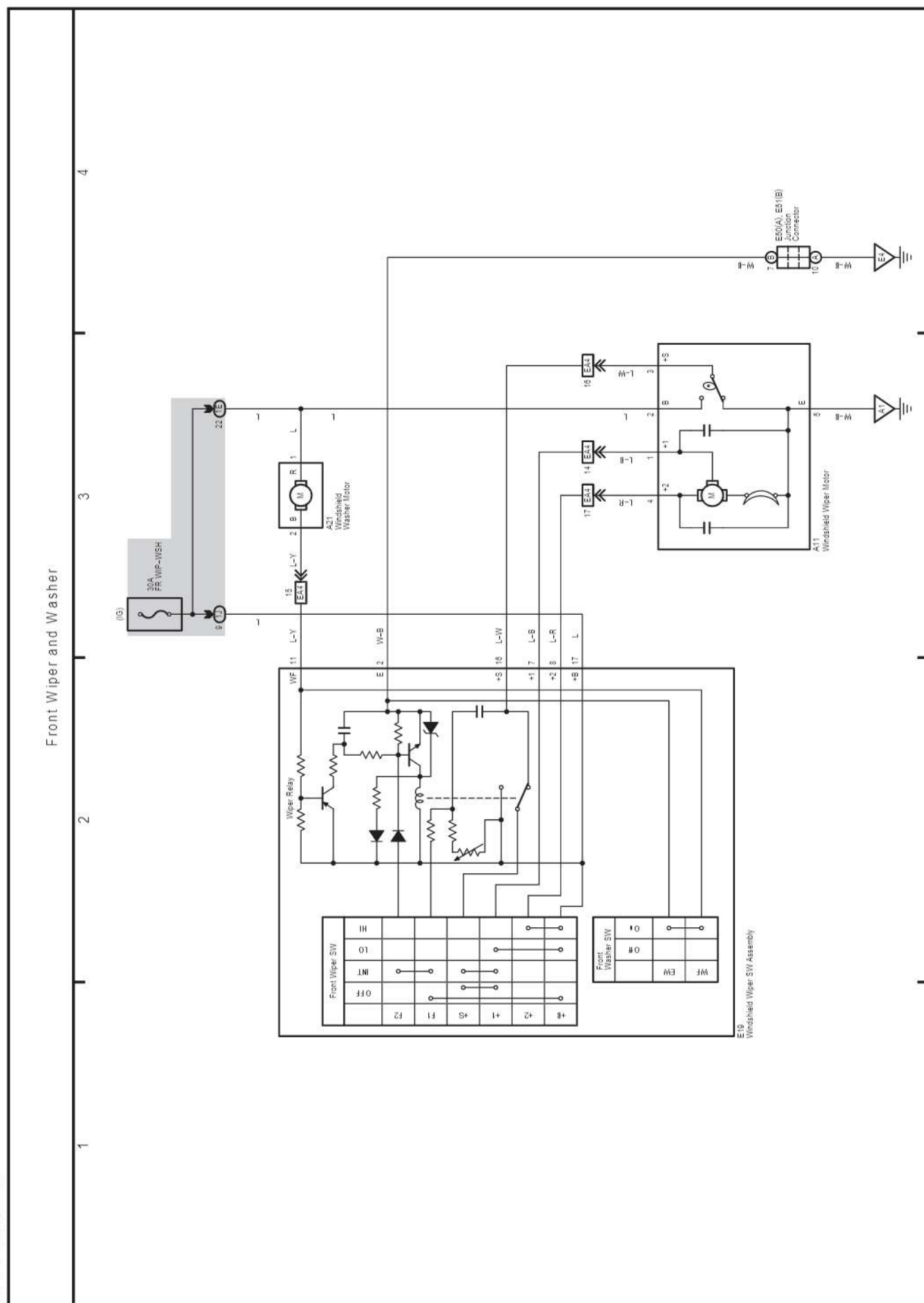
* 1 : w/ Side Airbag



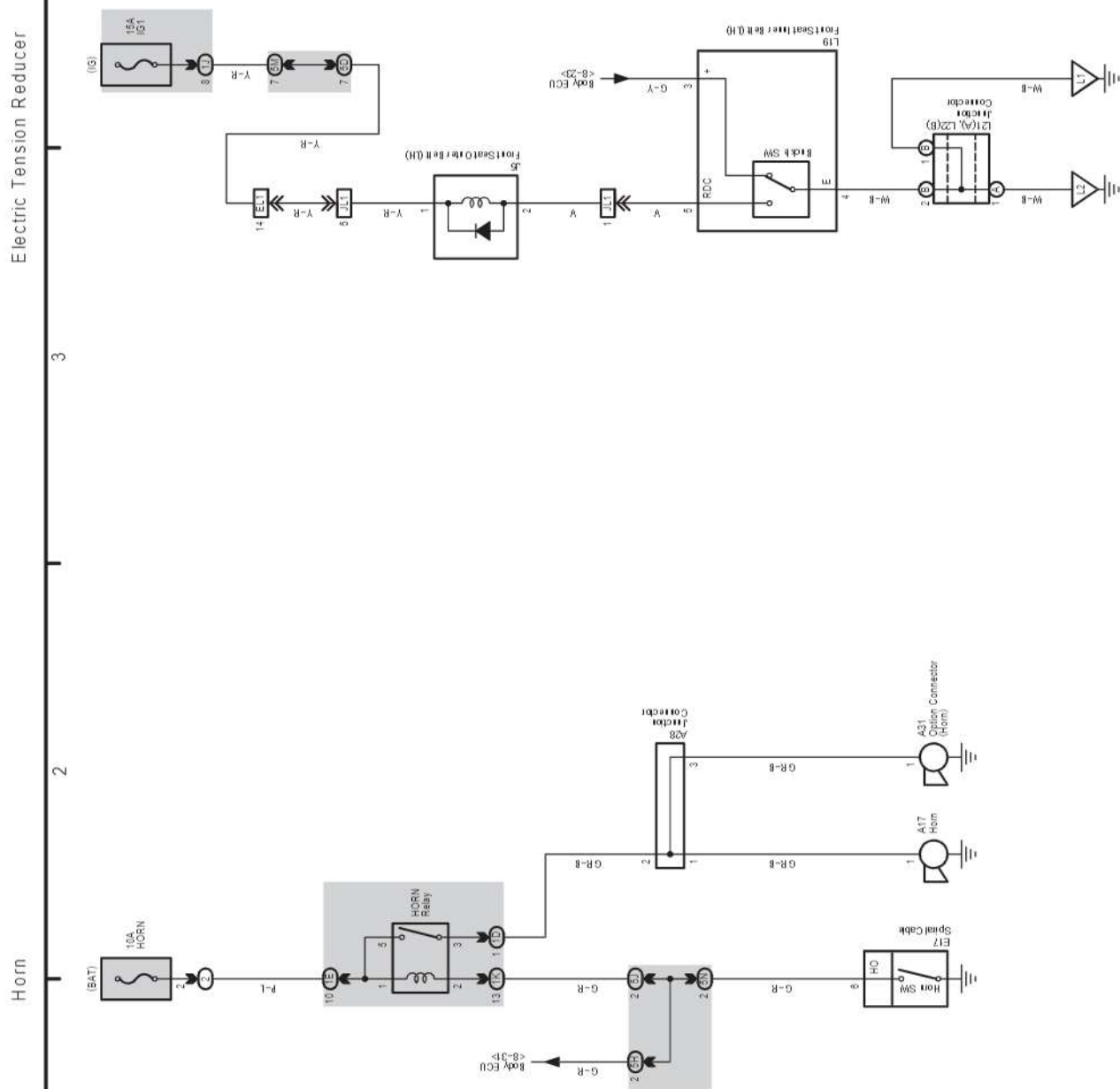


M OVERALL ELECTRICAL WIRING DIAGRAM

17 FJ CRUISER

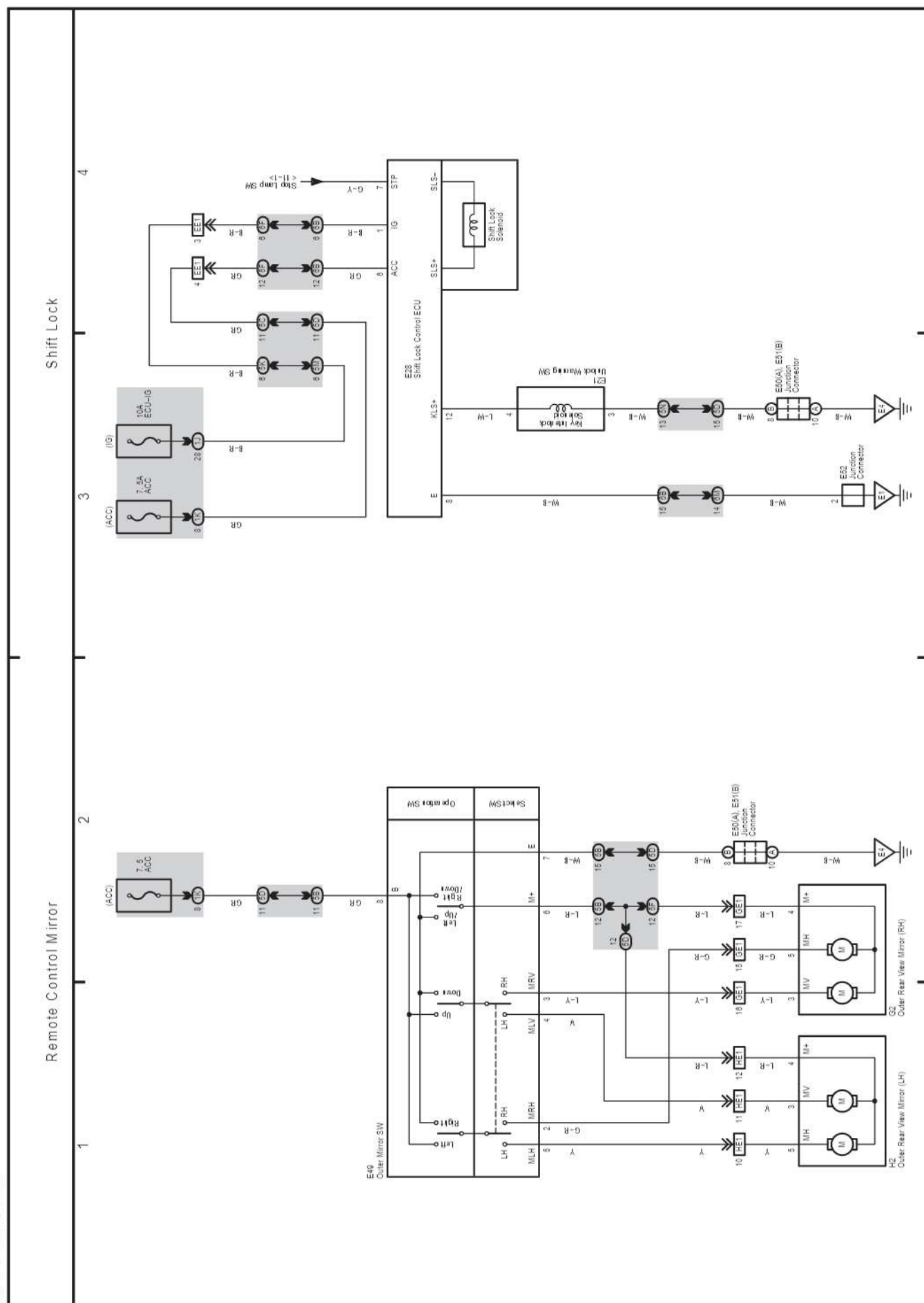


18 FJ CRUISER



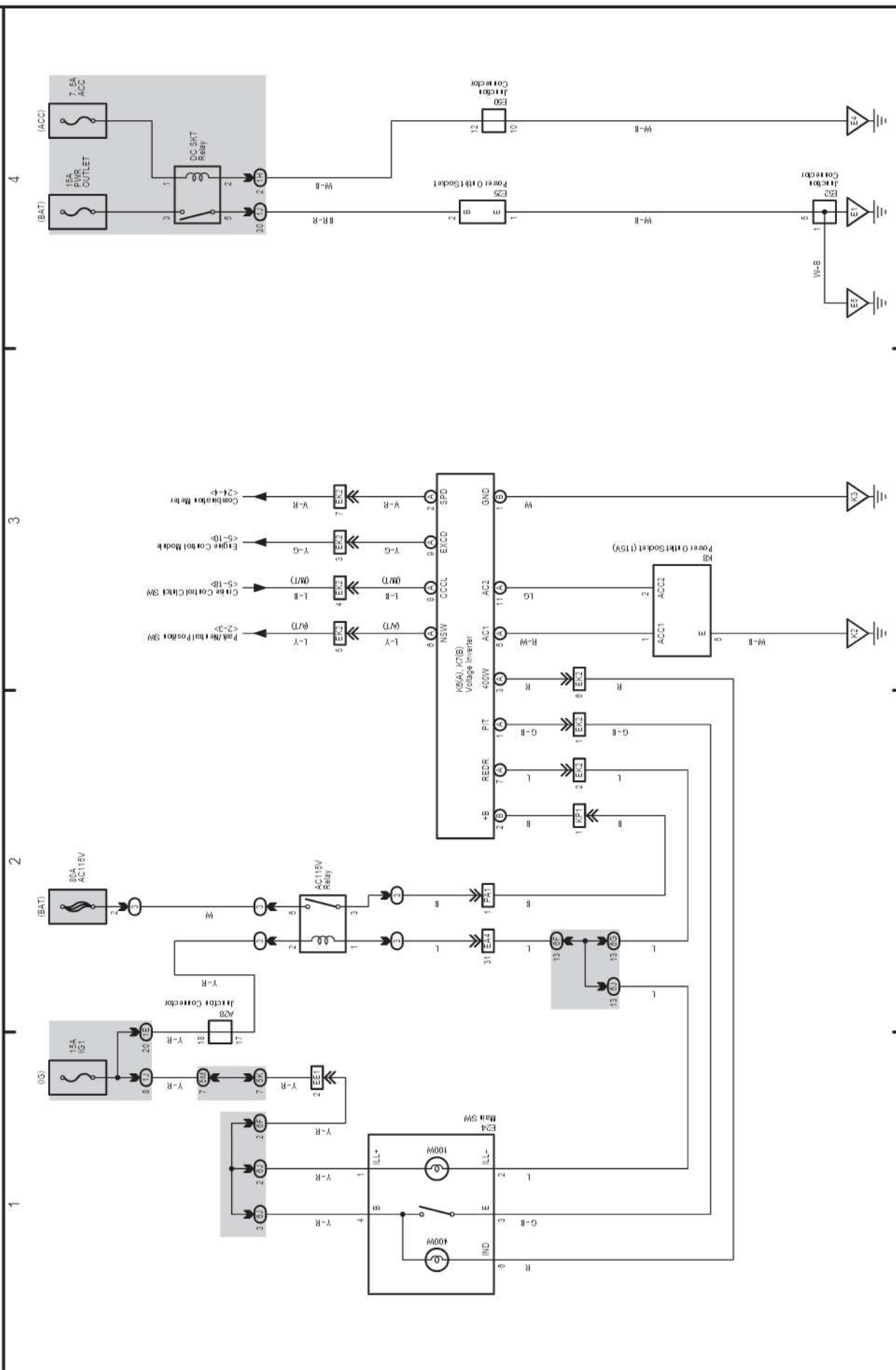
M OVERALL ELECTRICAL WIRING DIAGRAM

19 FJ CRUISER



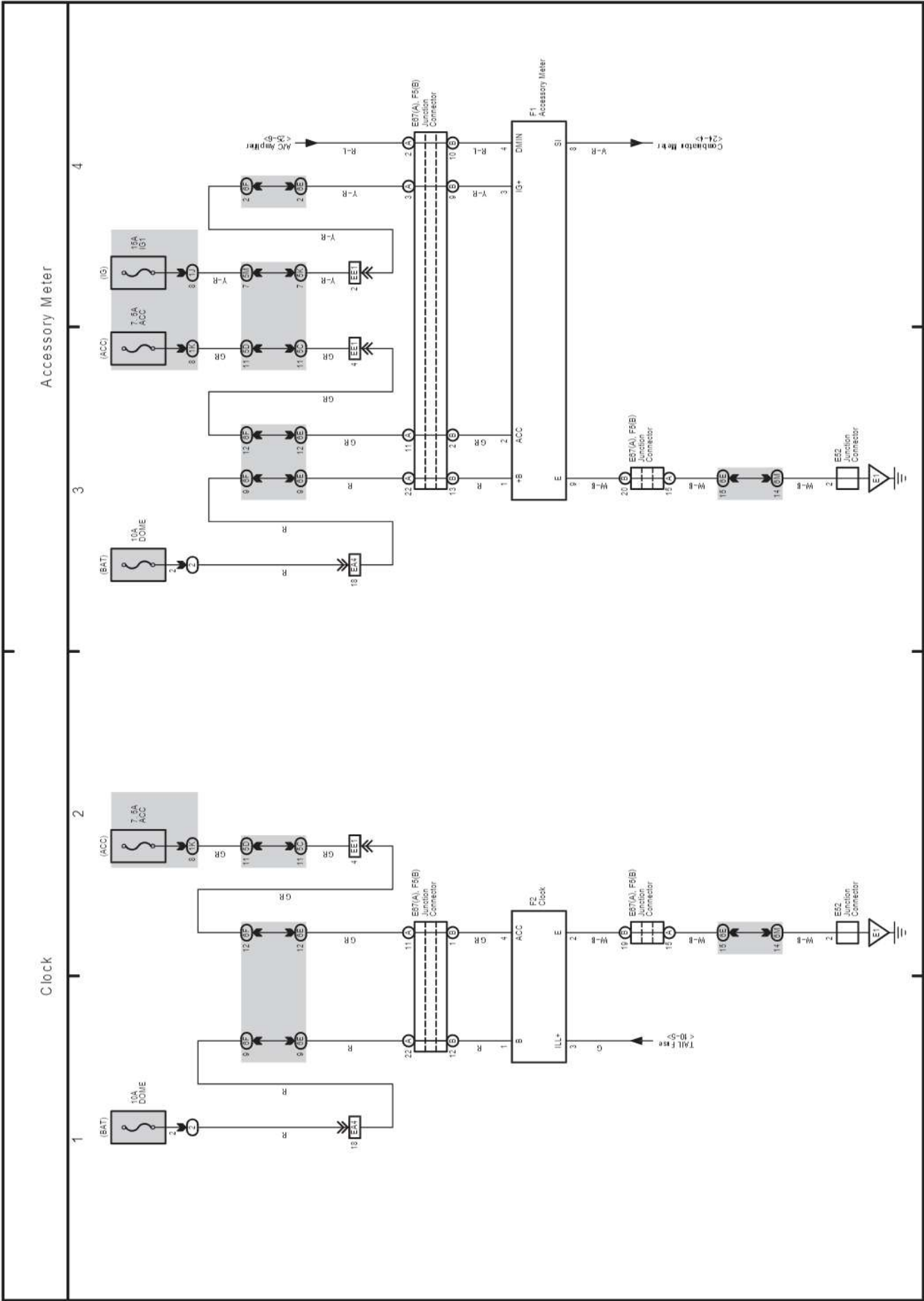
Power Outlet (115V)

Power Outlet (12V)



M OVERALL ELECTRICAL WIRING DIAGRAM

21 FJ CRUISER



7



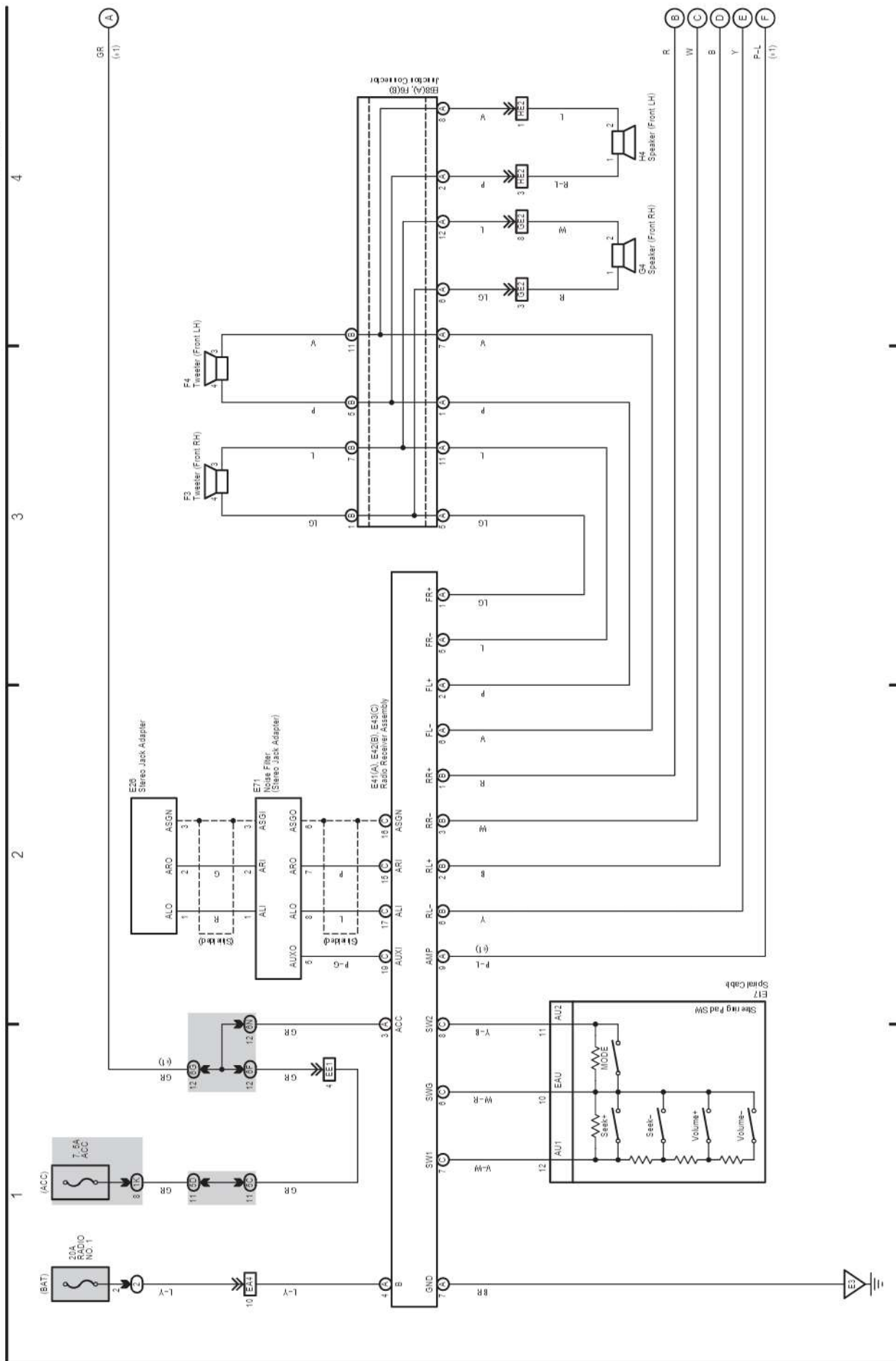
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

23 FJ CRUISER

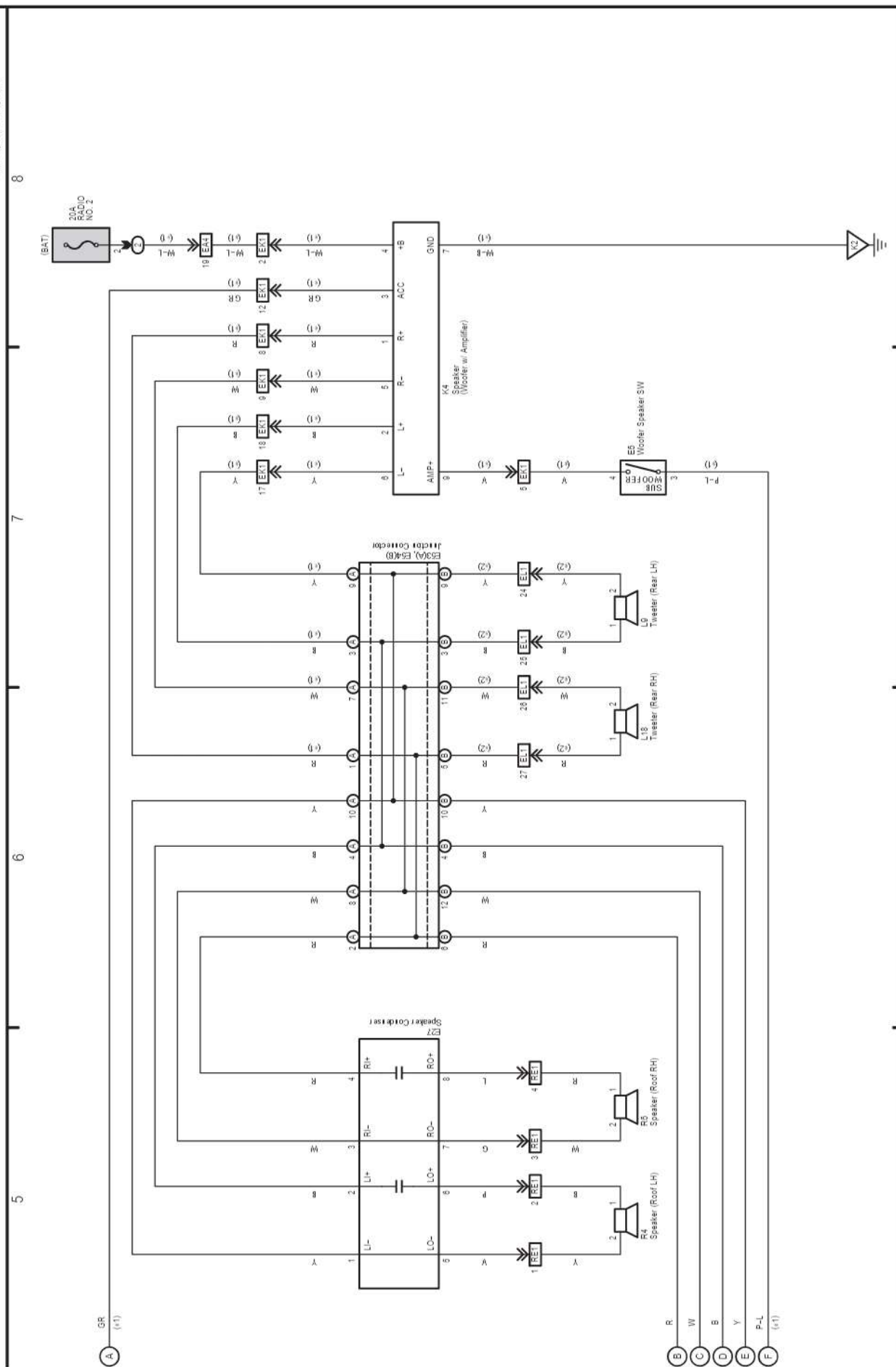
Audio System

* 1 : w/ Woofer



Audio System

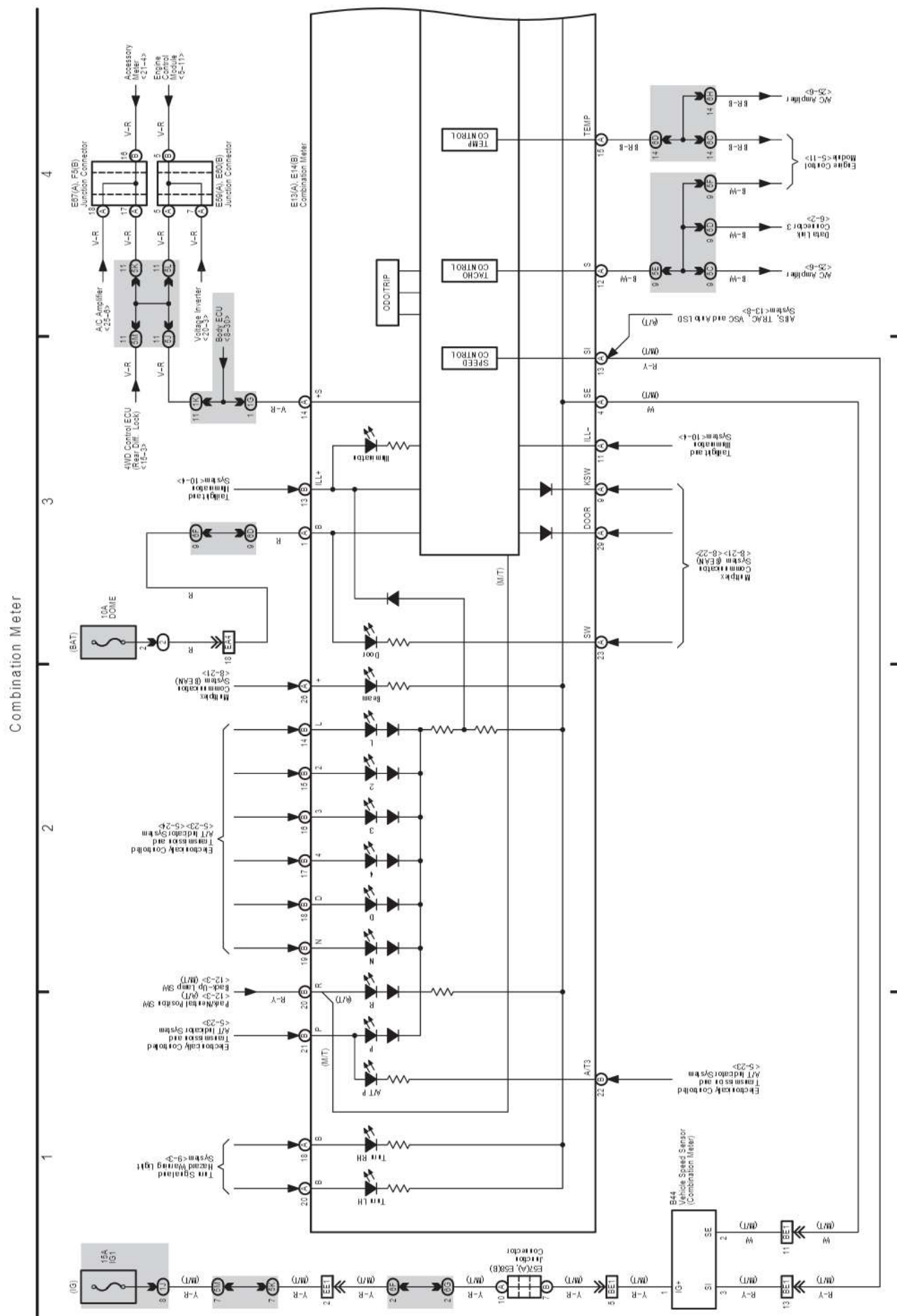
* 1 : w/ Woofer
* 2 : S Speaker, S Speaker



M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

24 FJ CRUISER



24 FJ CRUISER (Cont' d)

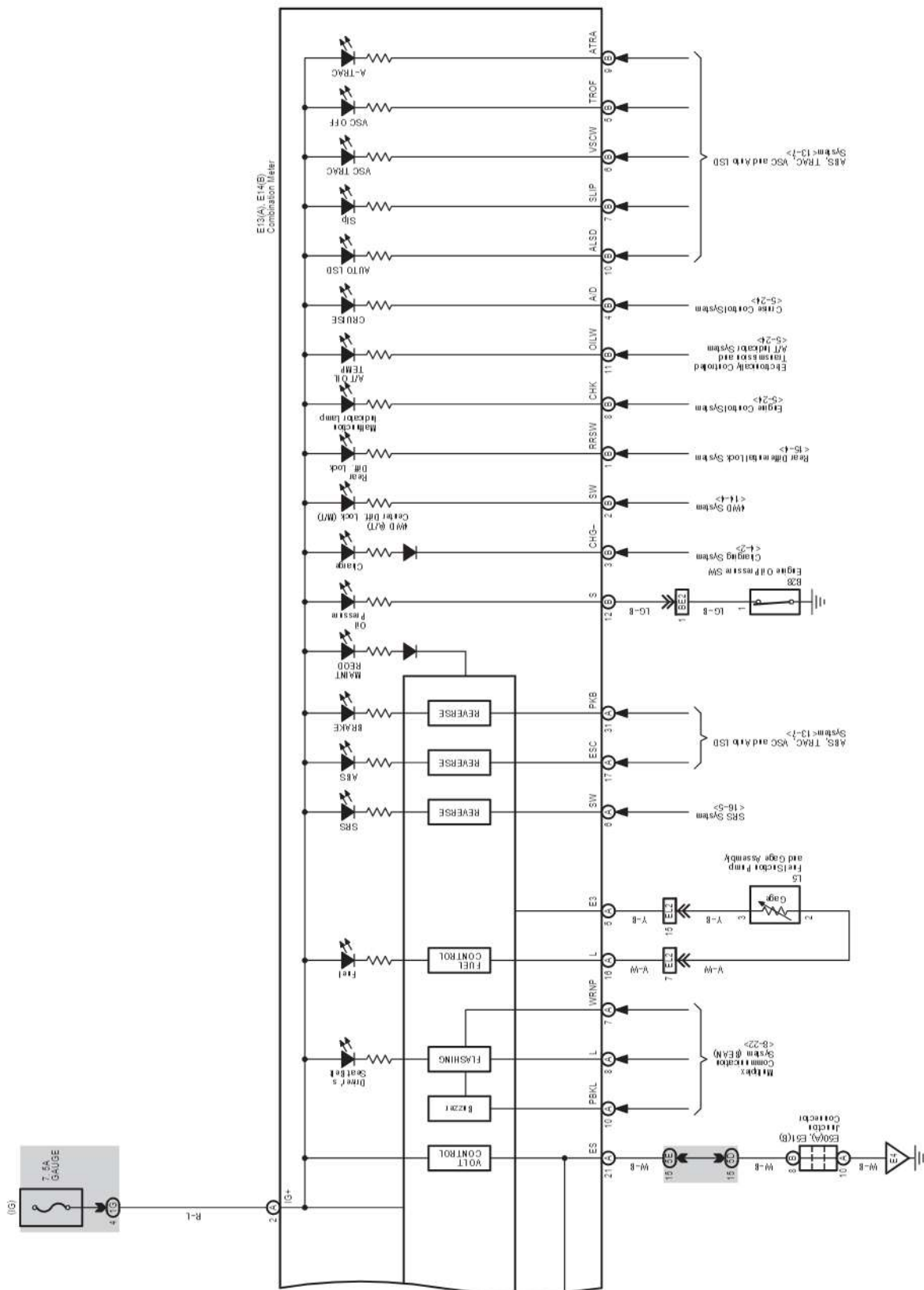
Combination Meter

8

7

6

5

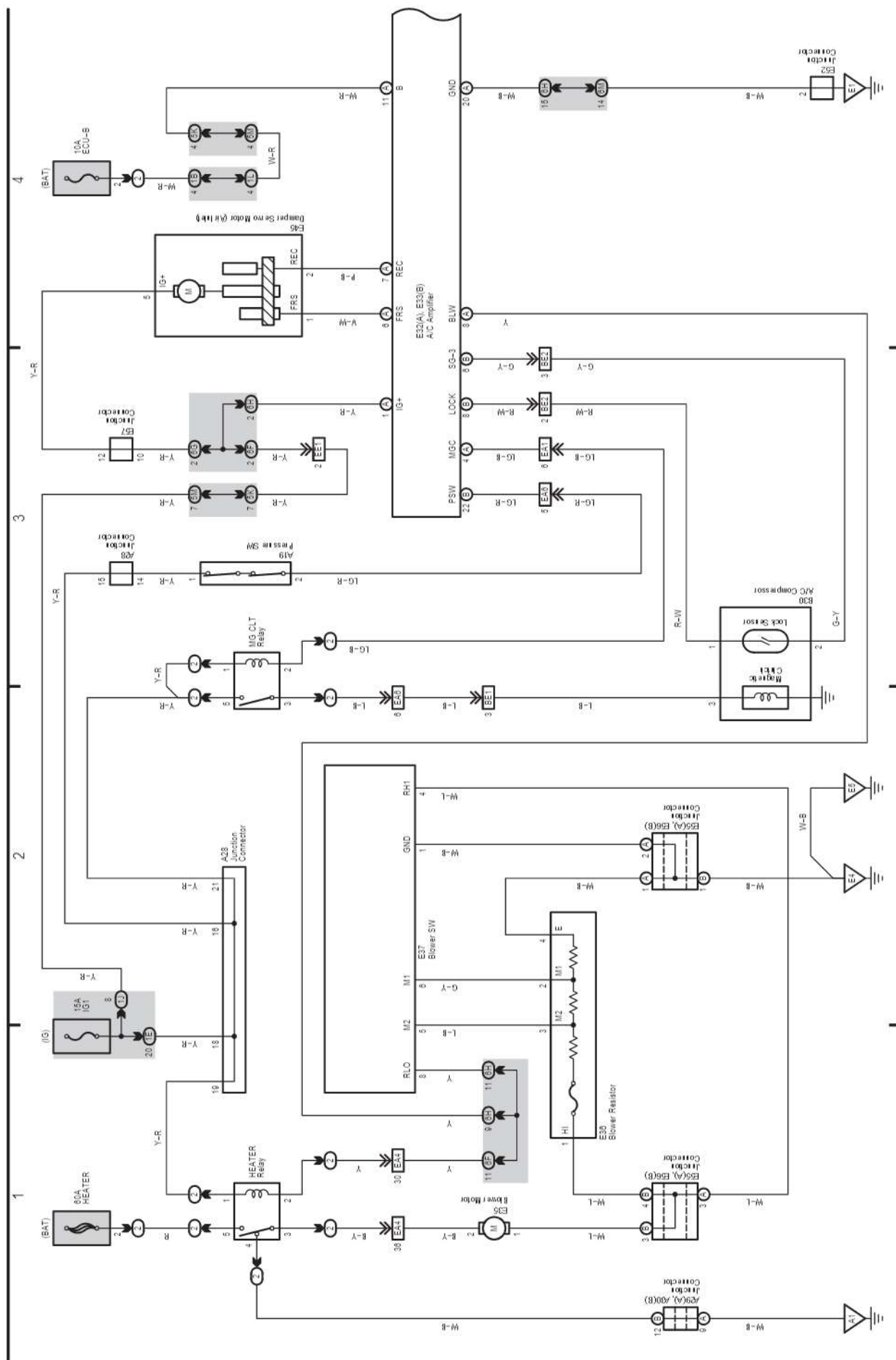


M OVERALL ELECTRICAL WIRING DIAGRAM

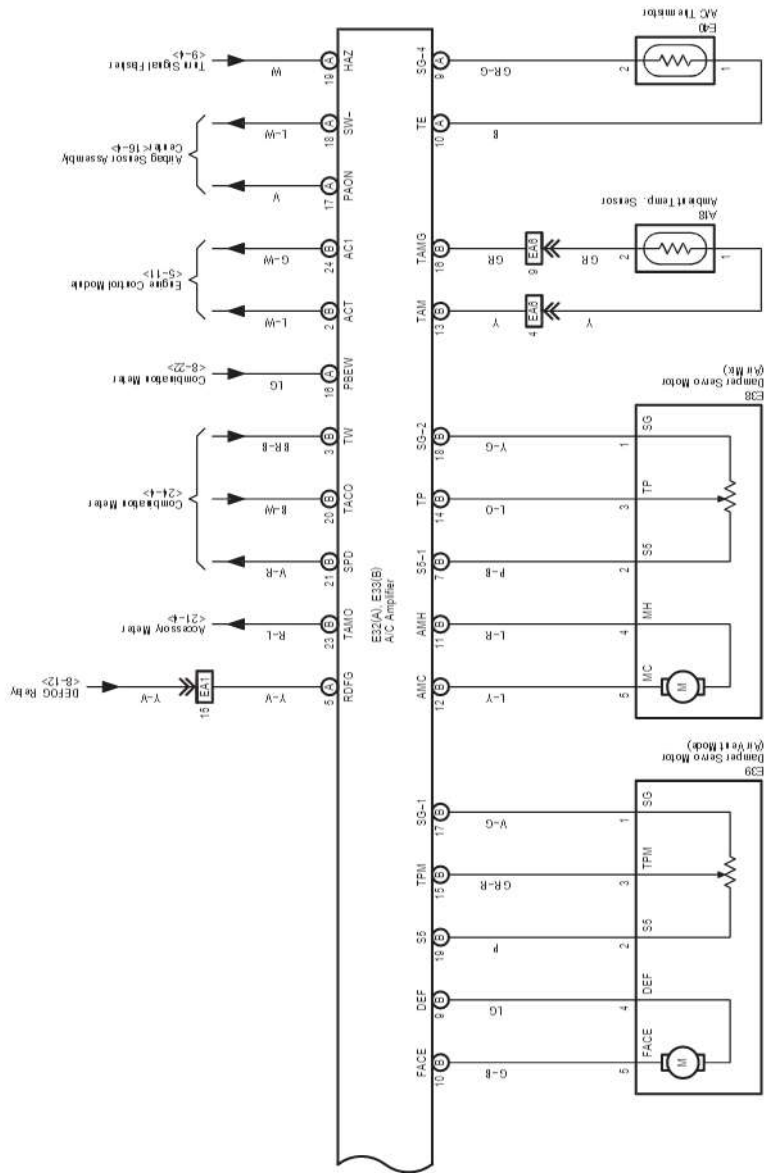
(Cont. next page)

25 FJ CRUISER

Air Conditioning



Air Conditioning



M OVERALL ELECTRICAL WIRING DIAGRAM

26 FJ CRUISER

