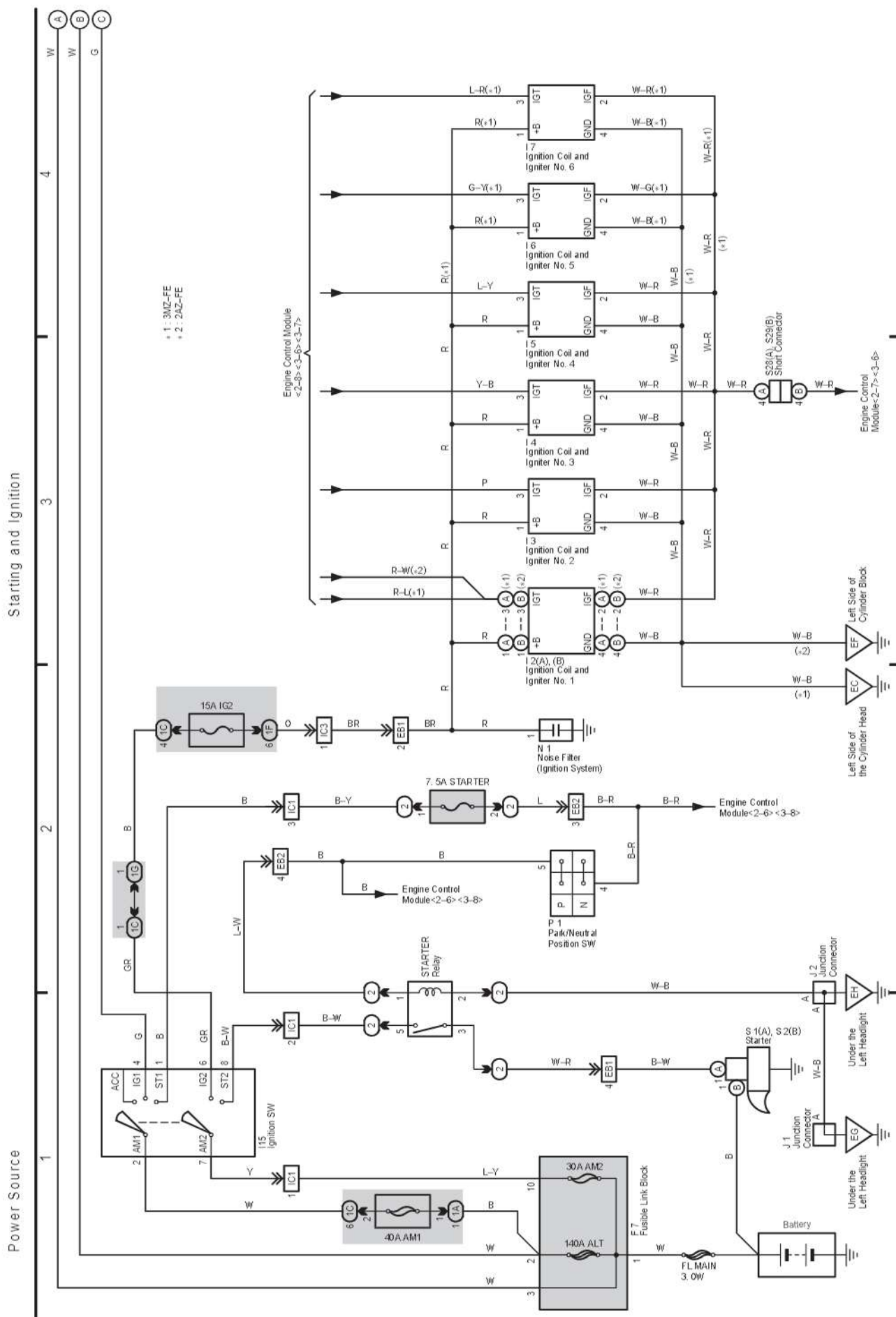


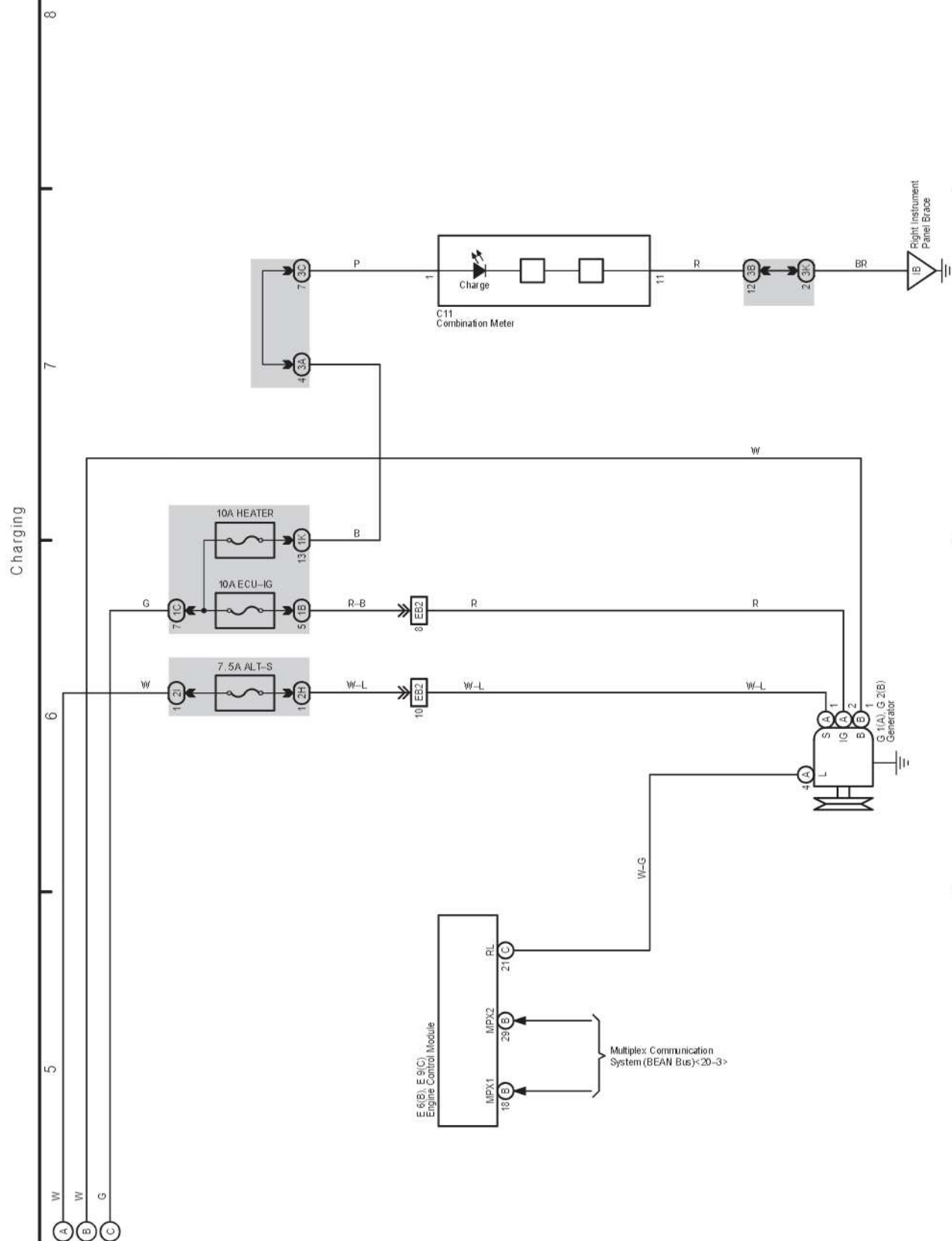
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

1 HIGHLANDER

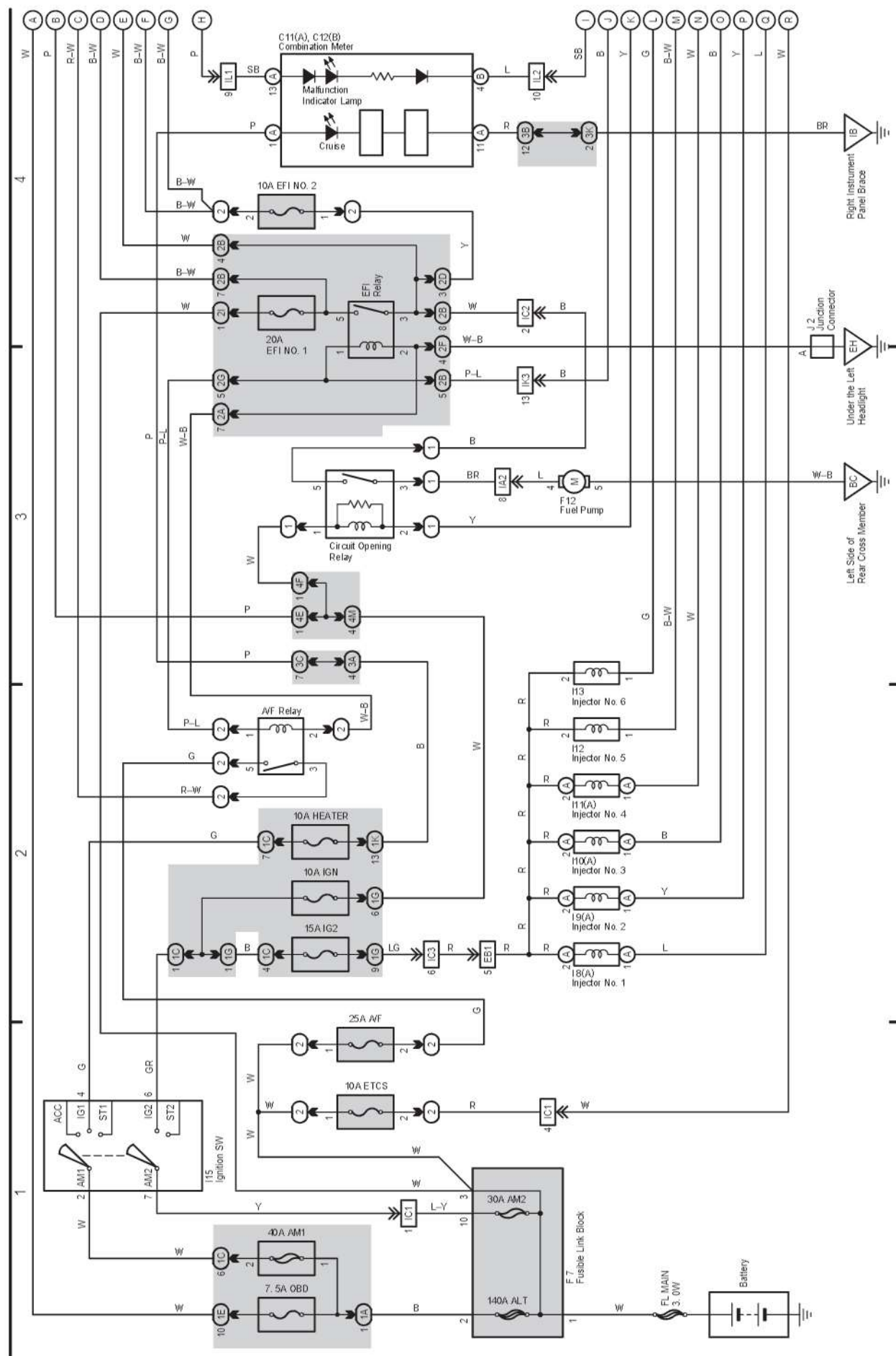


1 HIGHLANDER (Cont' d)

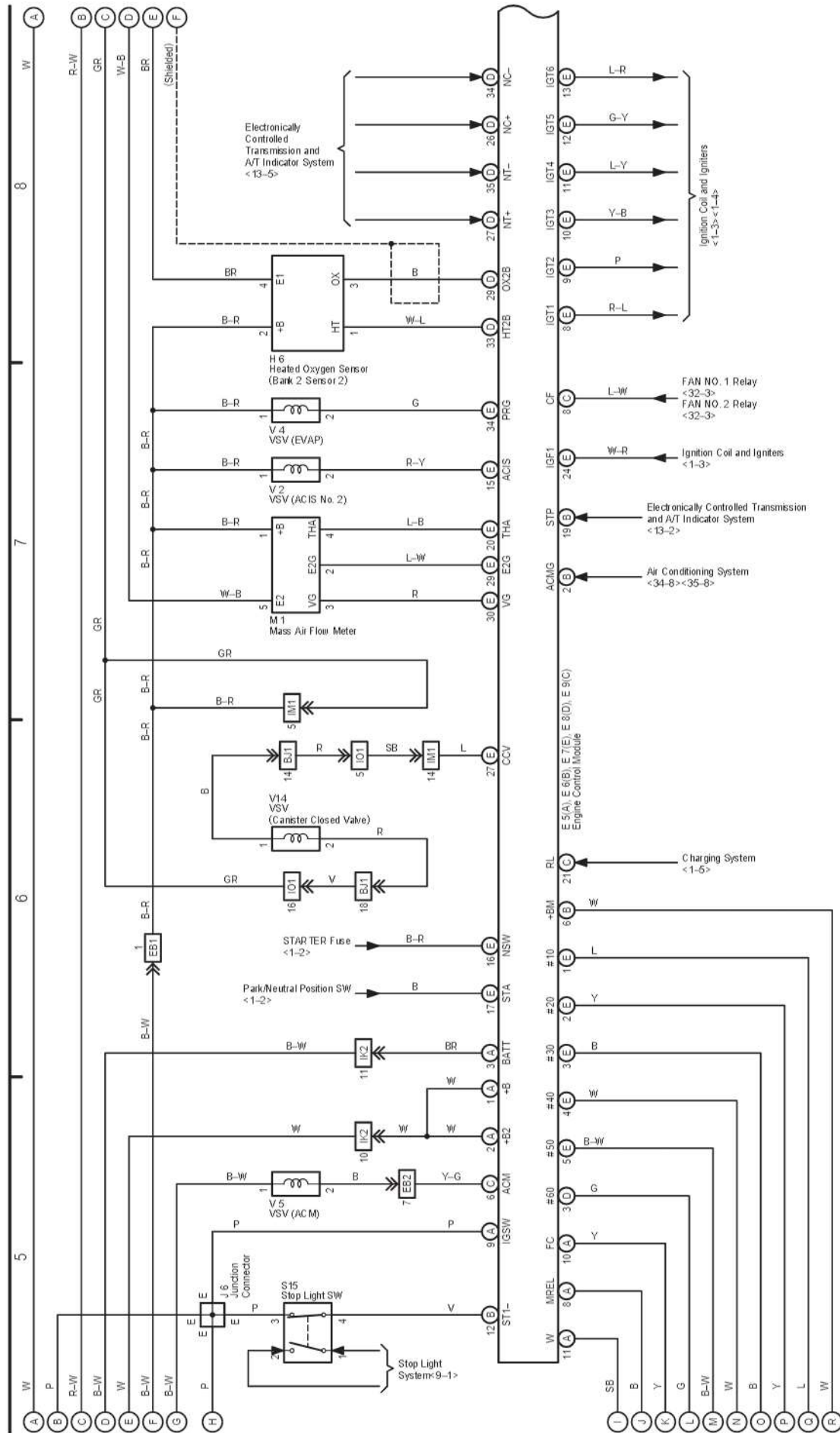


(Cont. next page)

Engine Control (3MZ-FE)



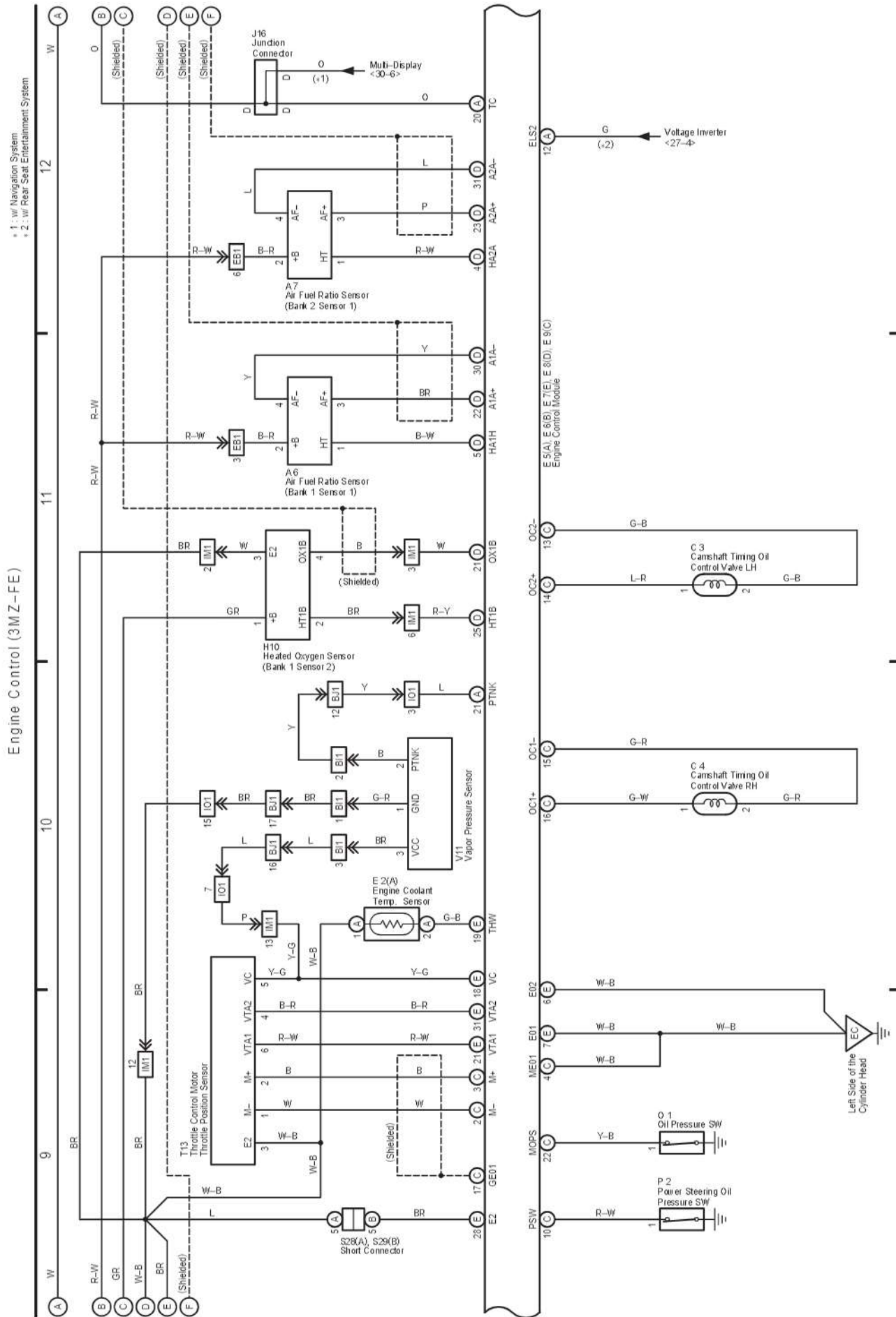
Engine Control (3MZ-FE)



M OVERALL ELECTRICAL WIRING DIAGRAM

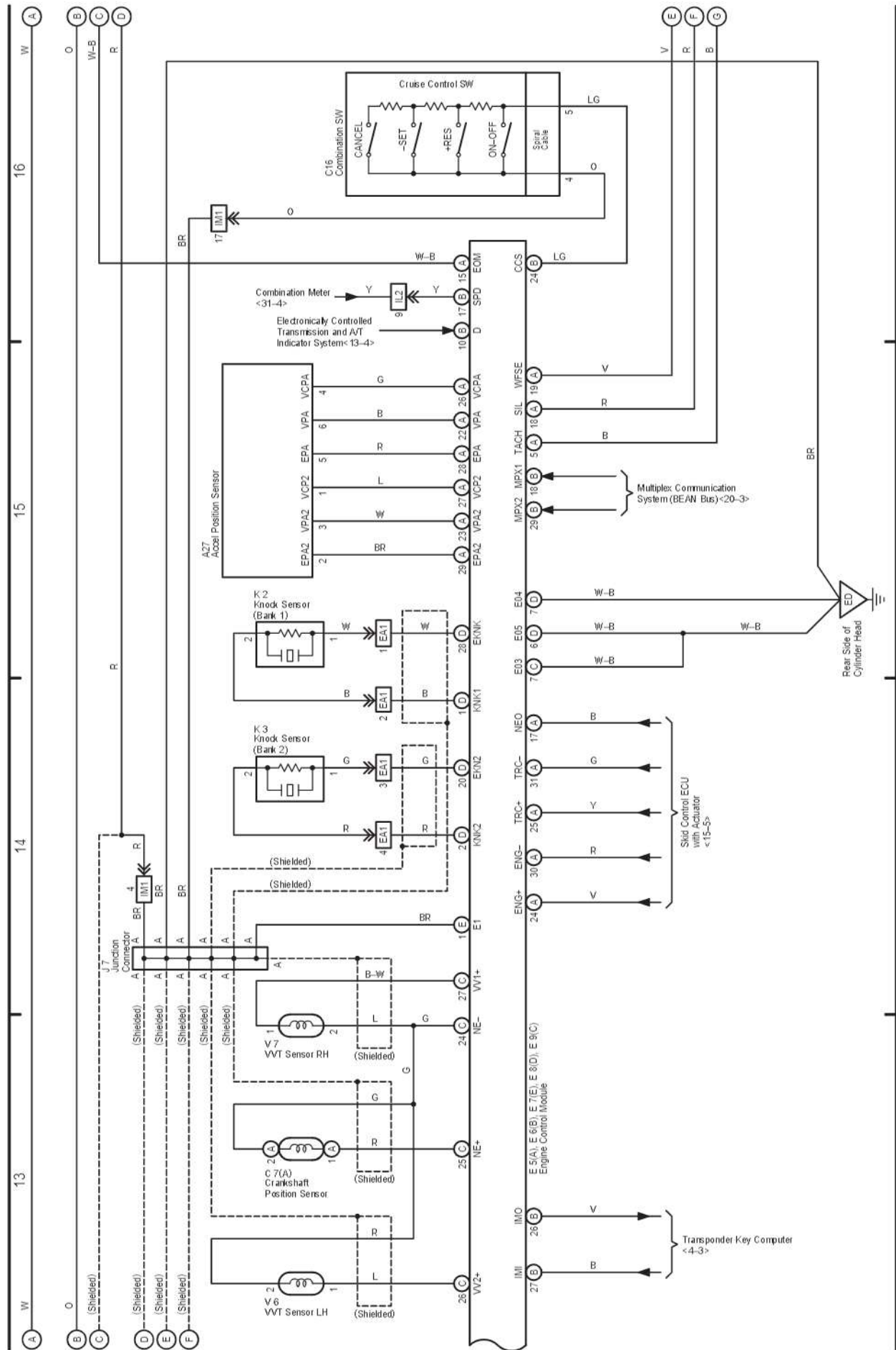
2 HIGHLANDER (Cont' d)

(Cont. next page)



Engine Control (3MZ-FE)

Cruise Control (3MZ-FE)



M OVERALL ELECTRICAL WIRING DIAGRAM

2 HIGHLANDER (Cont' d)

Cruise Control (3MZ-FE)

20

19

18

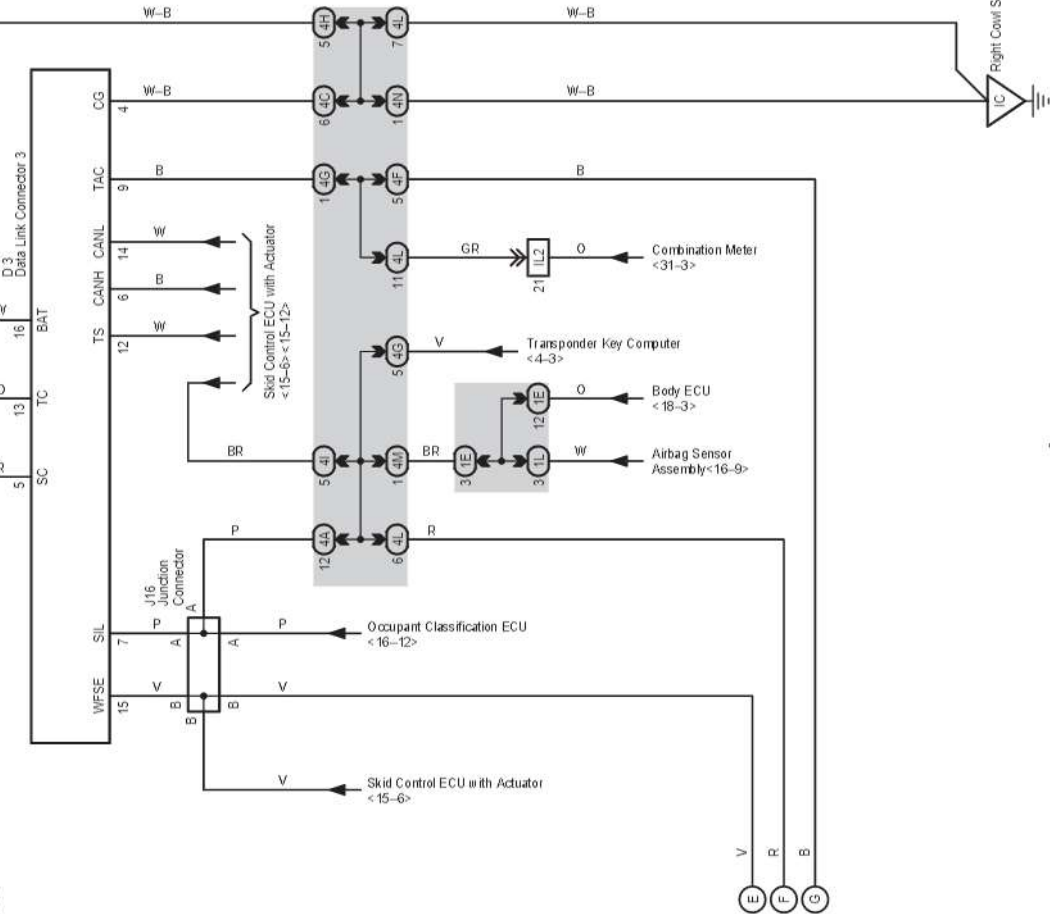
17

A W

B O

C W-B

D R



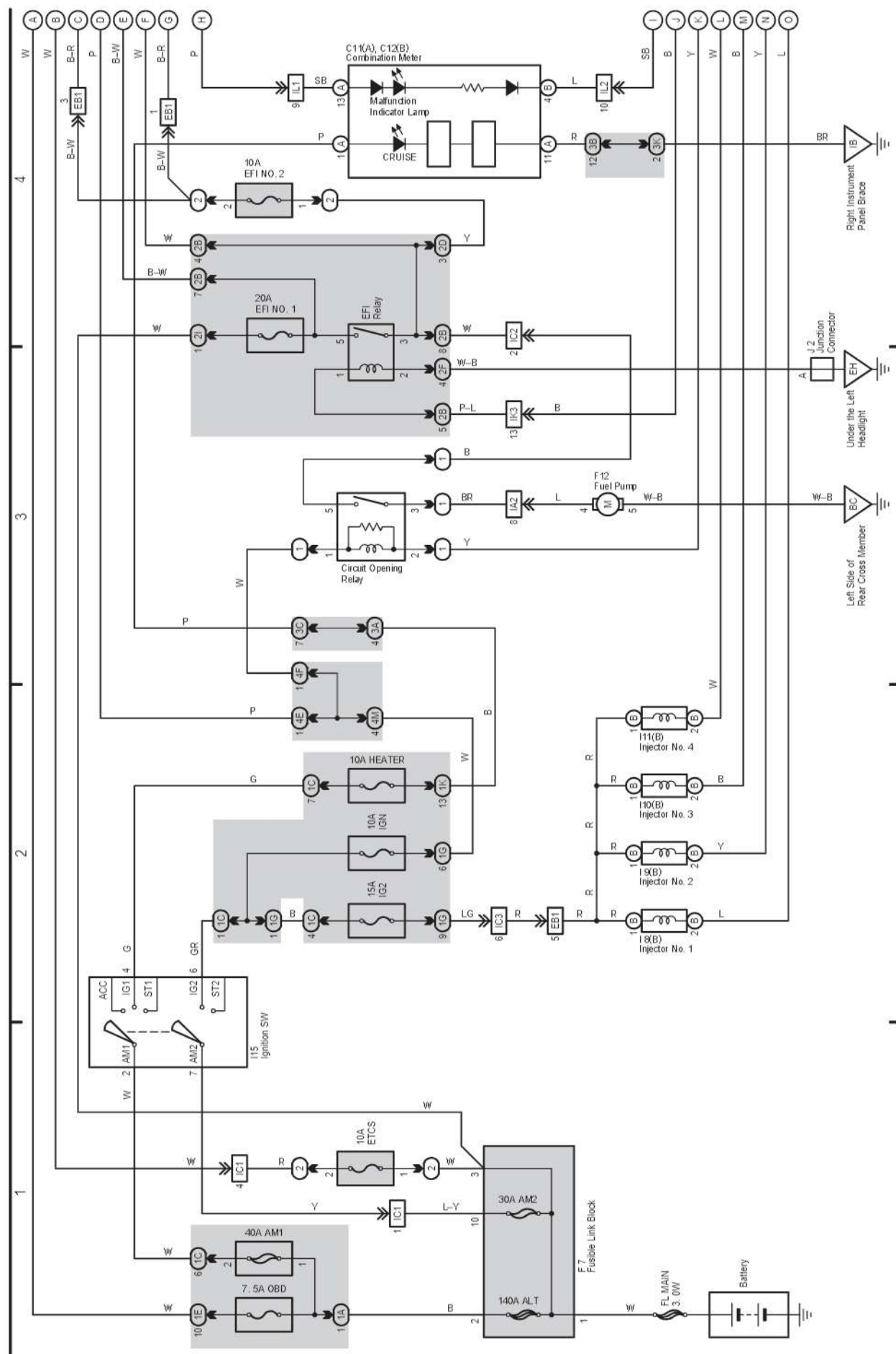
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

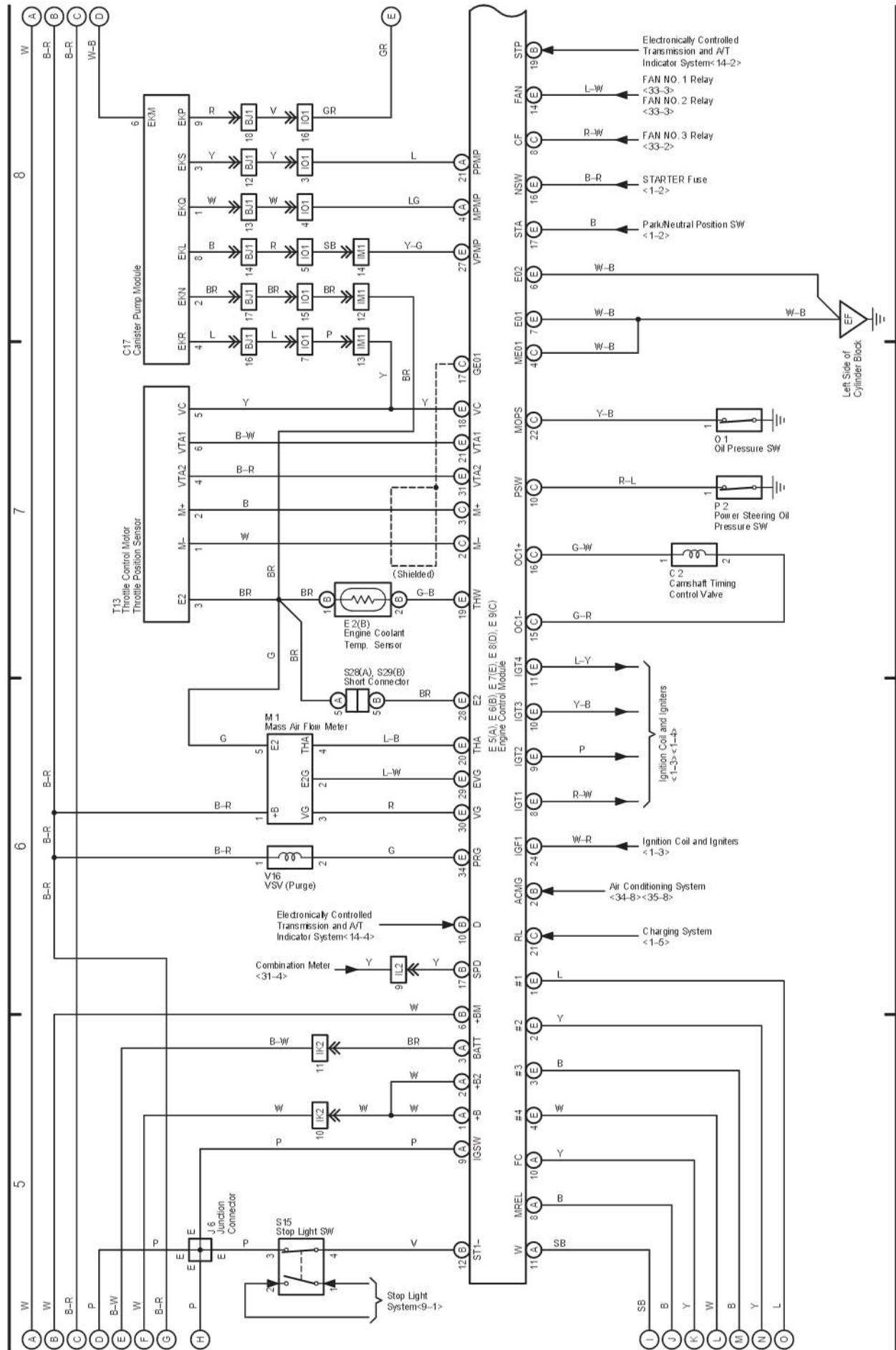
3 HIGHLANDER

Engine Control (2AZ-FE)

Power Source



Engine Control (2AZ-FE)



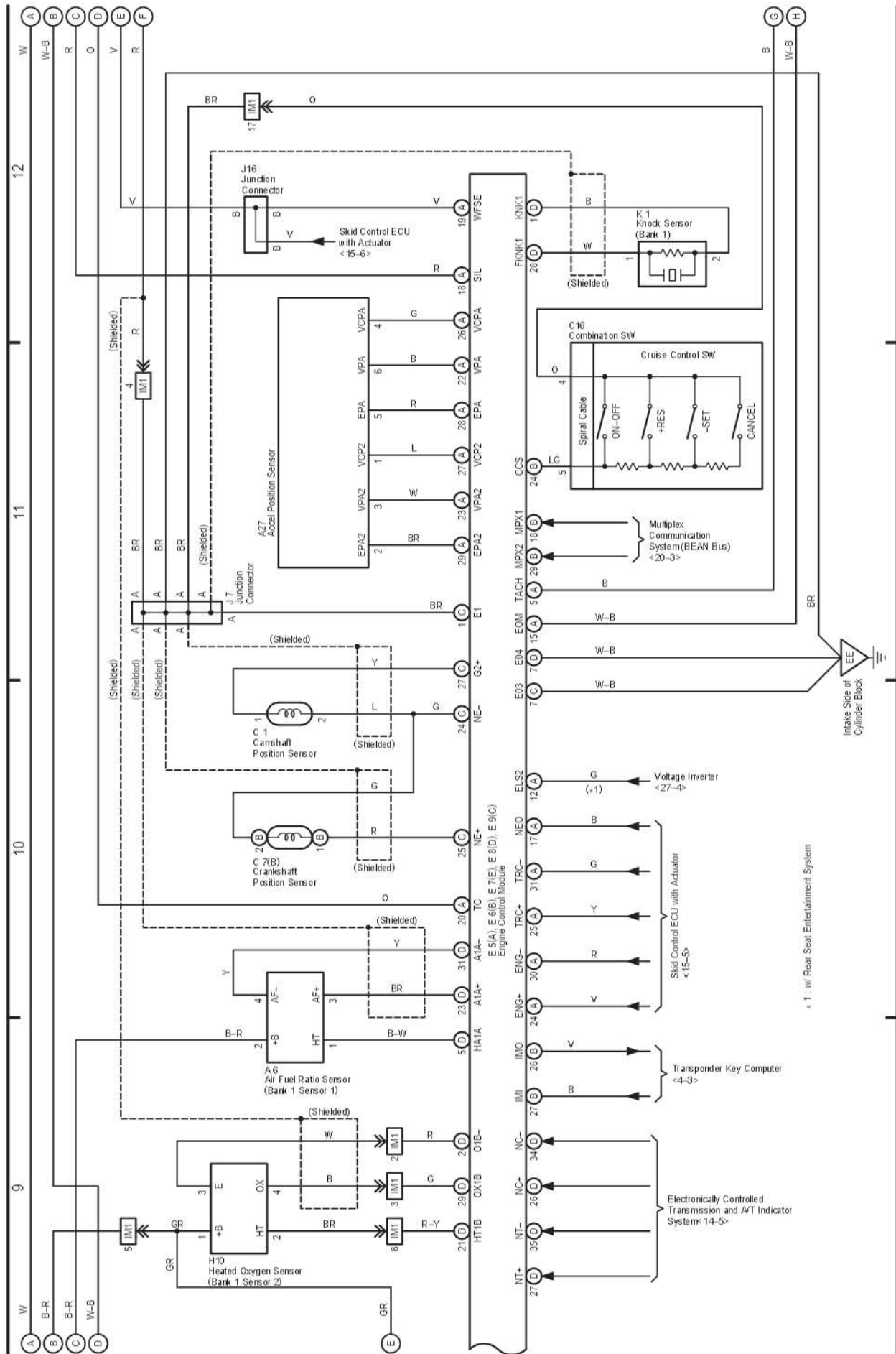
M OVERALL ELECTRICAL WIRING DIAGRAM

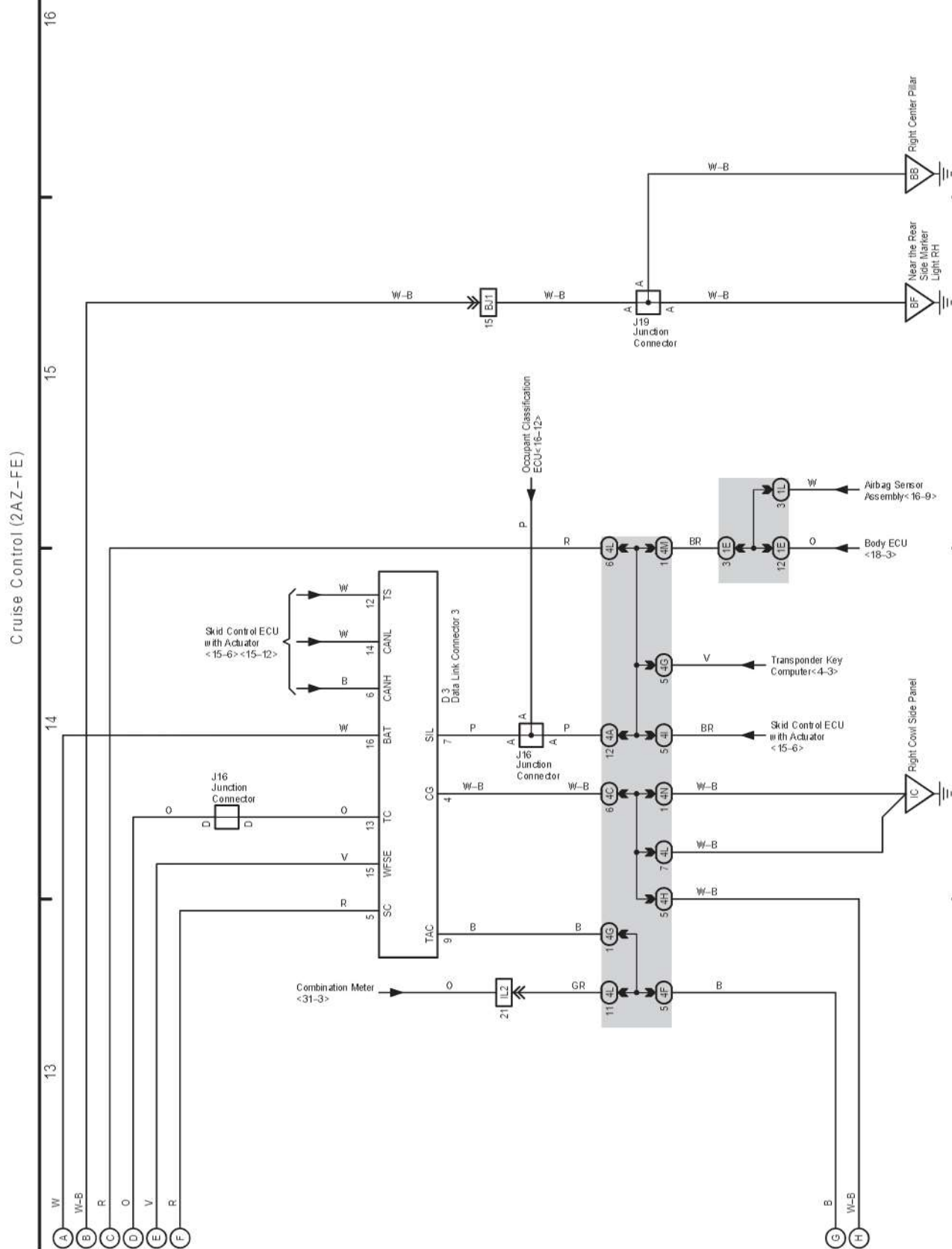
3 HIGHLANDER (Cont' d)

(Cont. next page)

Engine Control (2AZ-FE)

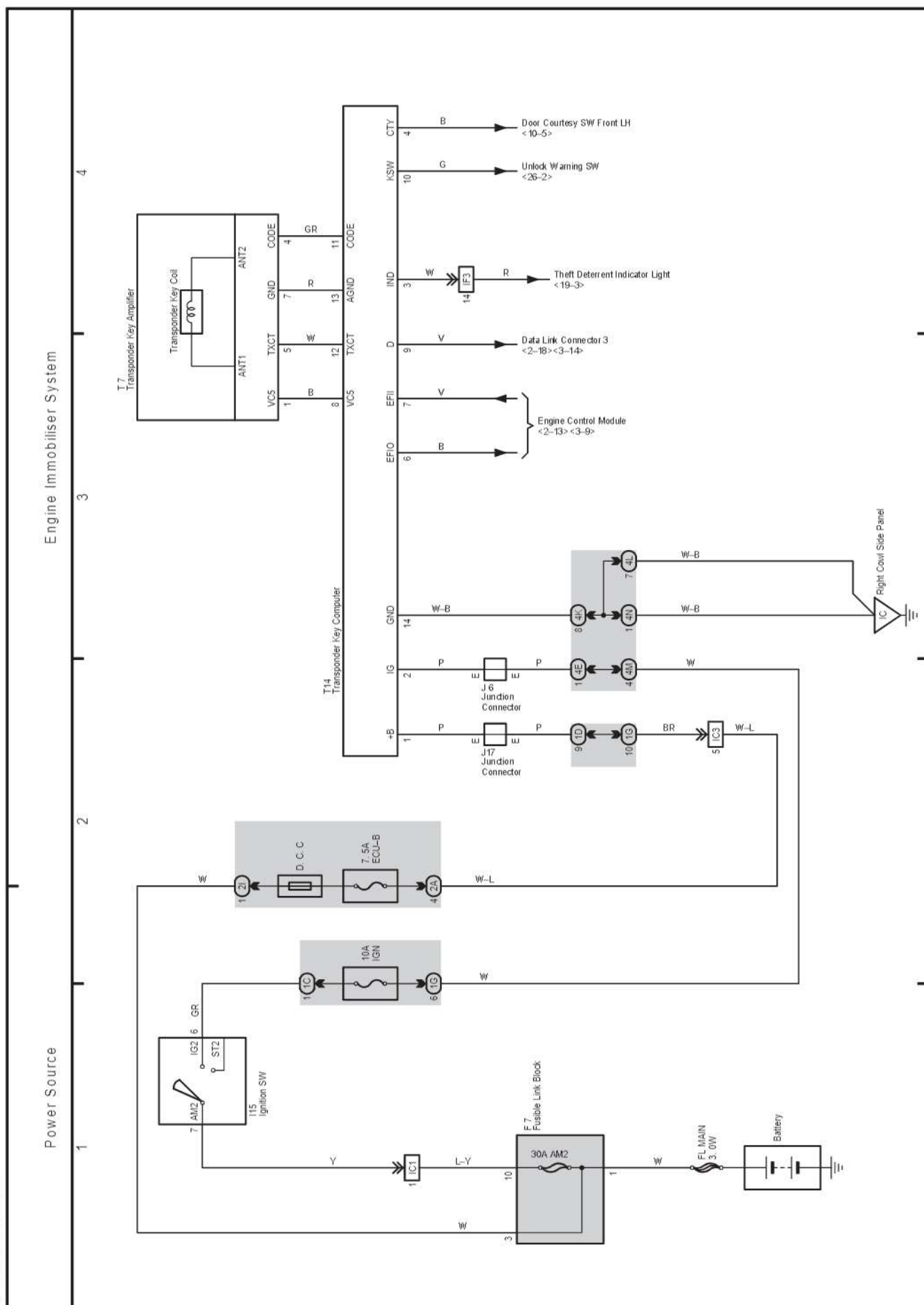
Cruise Control (2AZ-FE)





M OVERALL ELECTRICAL WIRING DIAGRAM

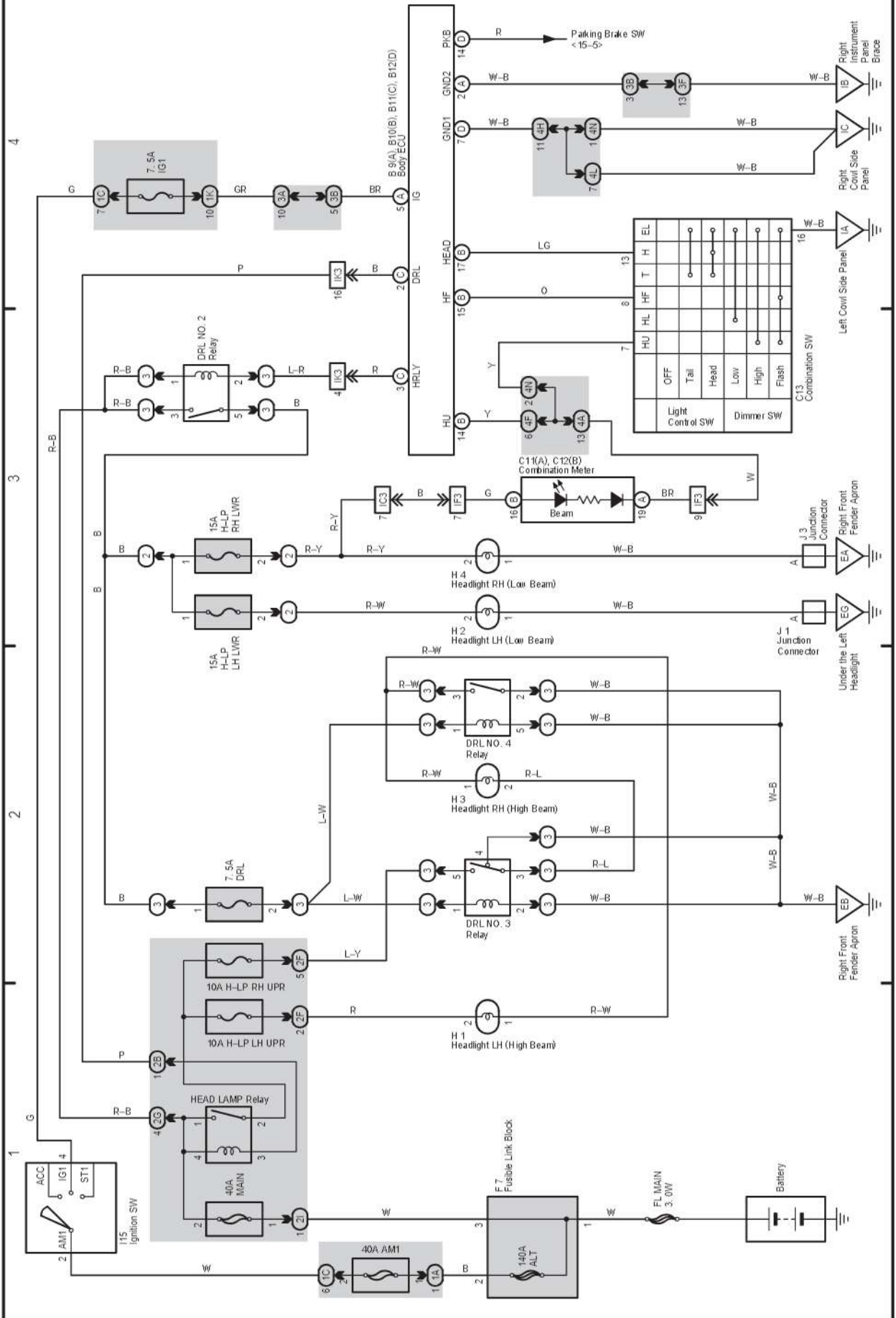
4 HIGHLANDER



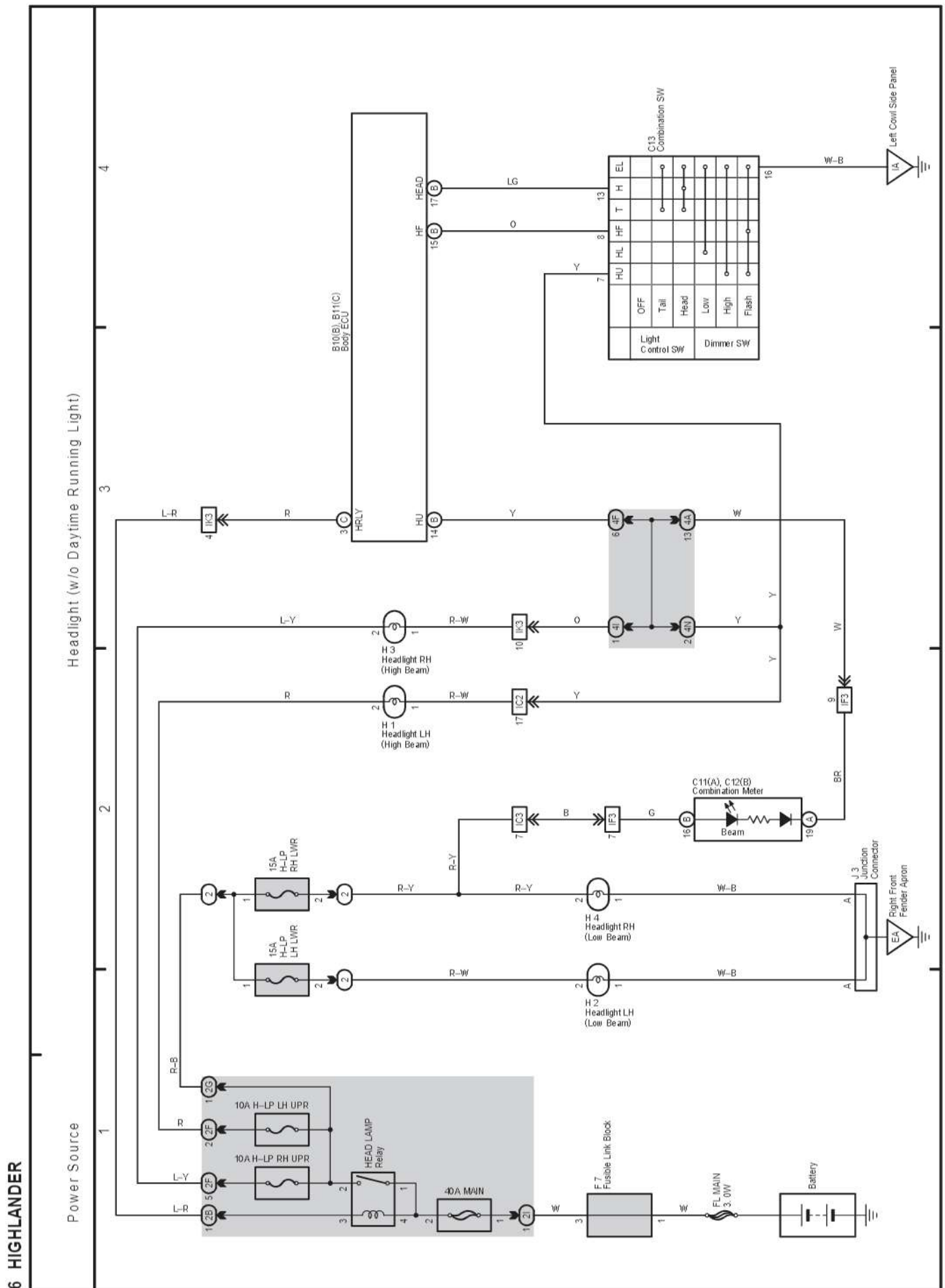
5 HIGHLANDER

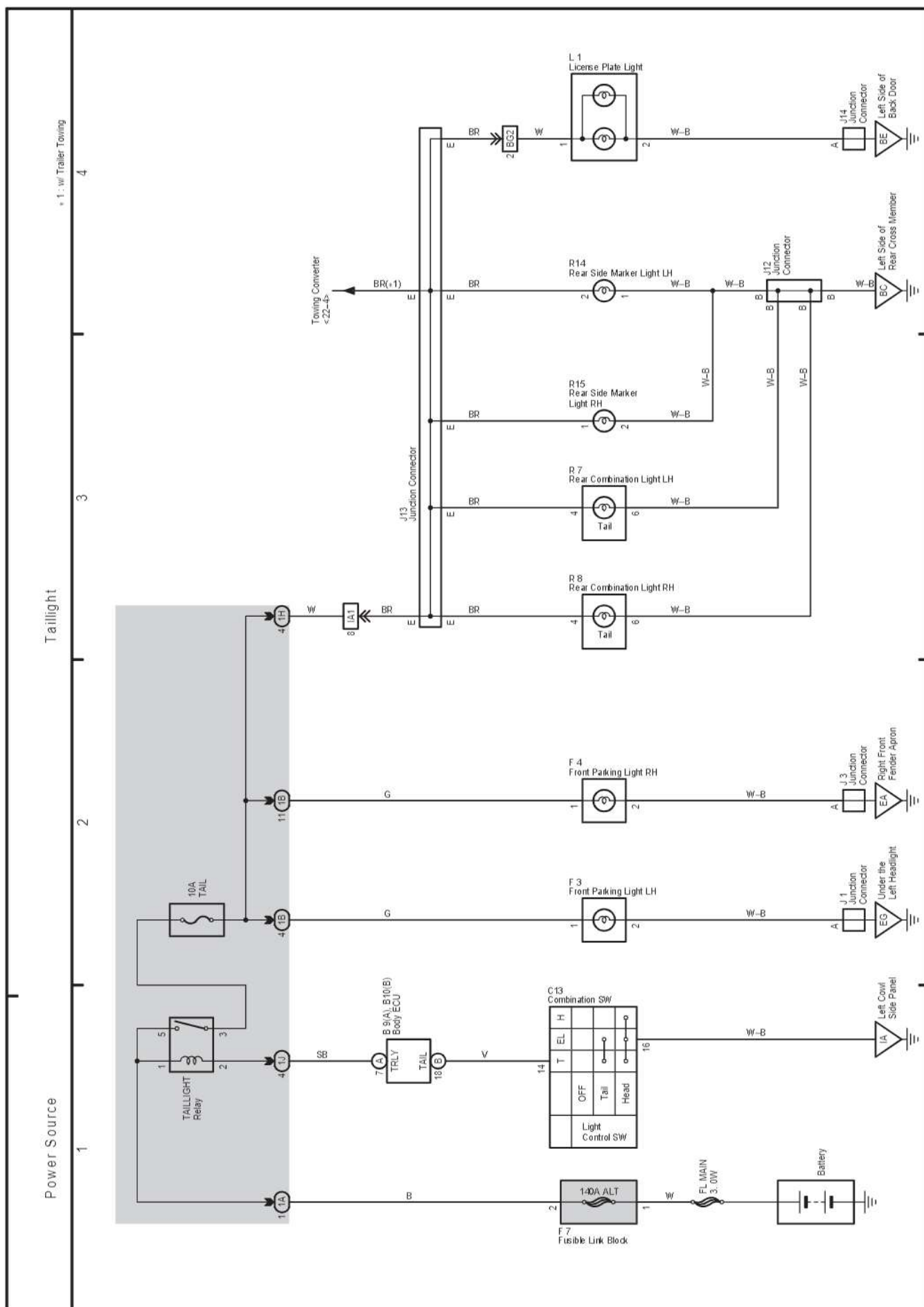
Headlight (w/ Daytime Running Light)

Power Source



M OVERALL ELECTRICAL WIRING DIAGRAM





M OVERALL ELECTRICAL WIRING DIAGRAM

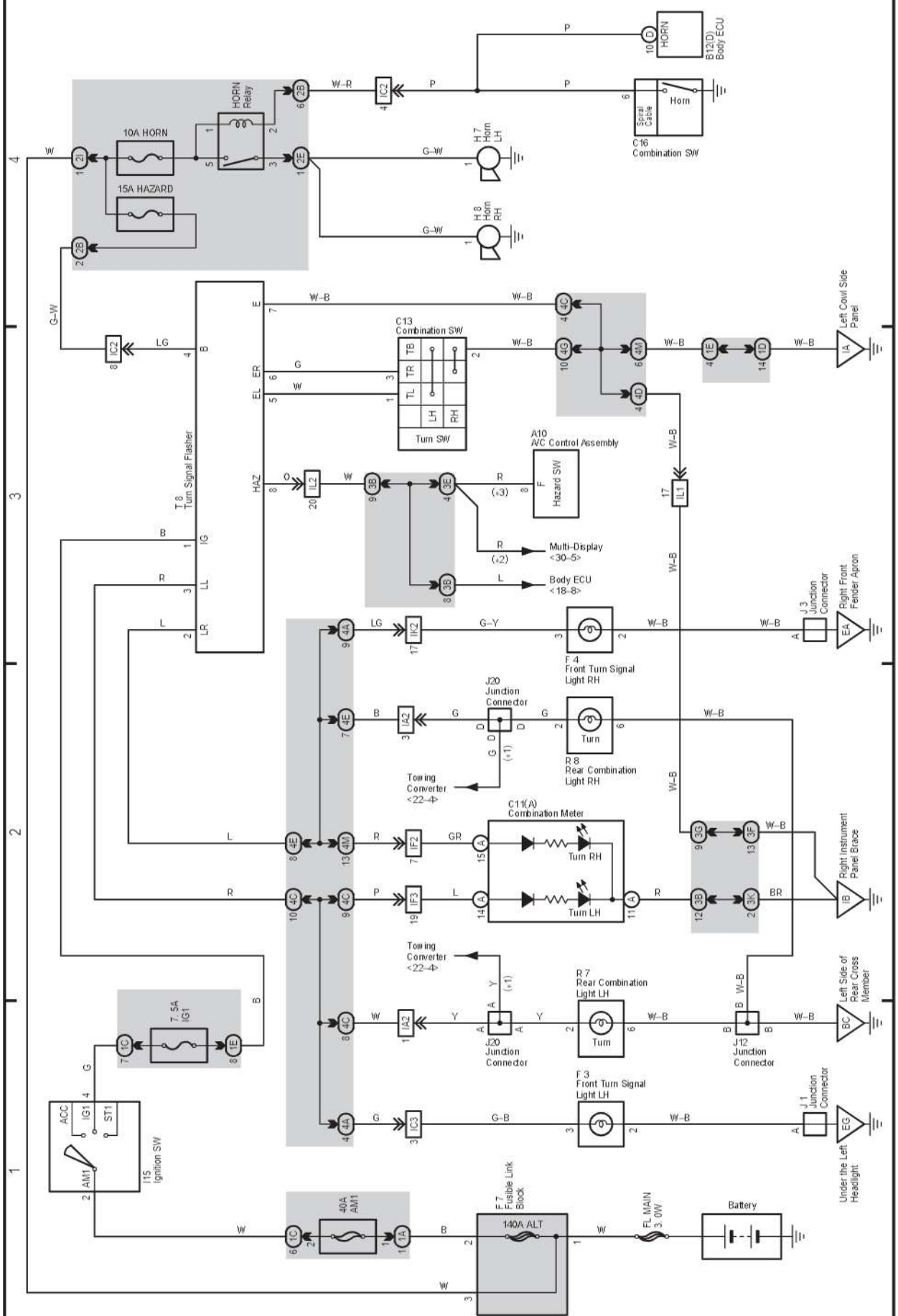
8 HIGHLANDER

Power Source

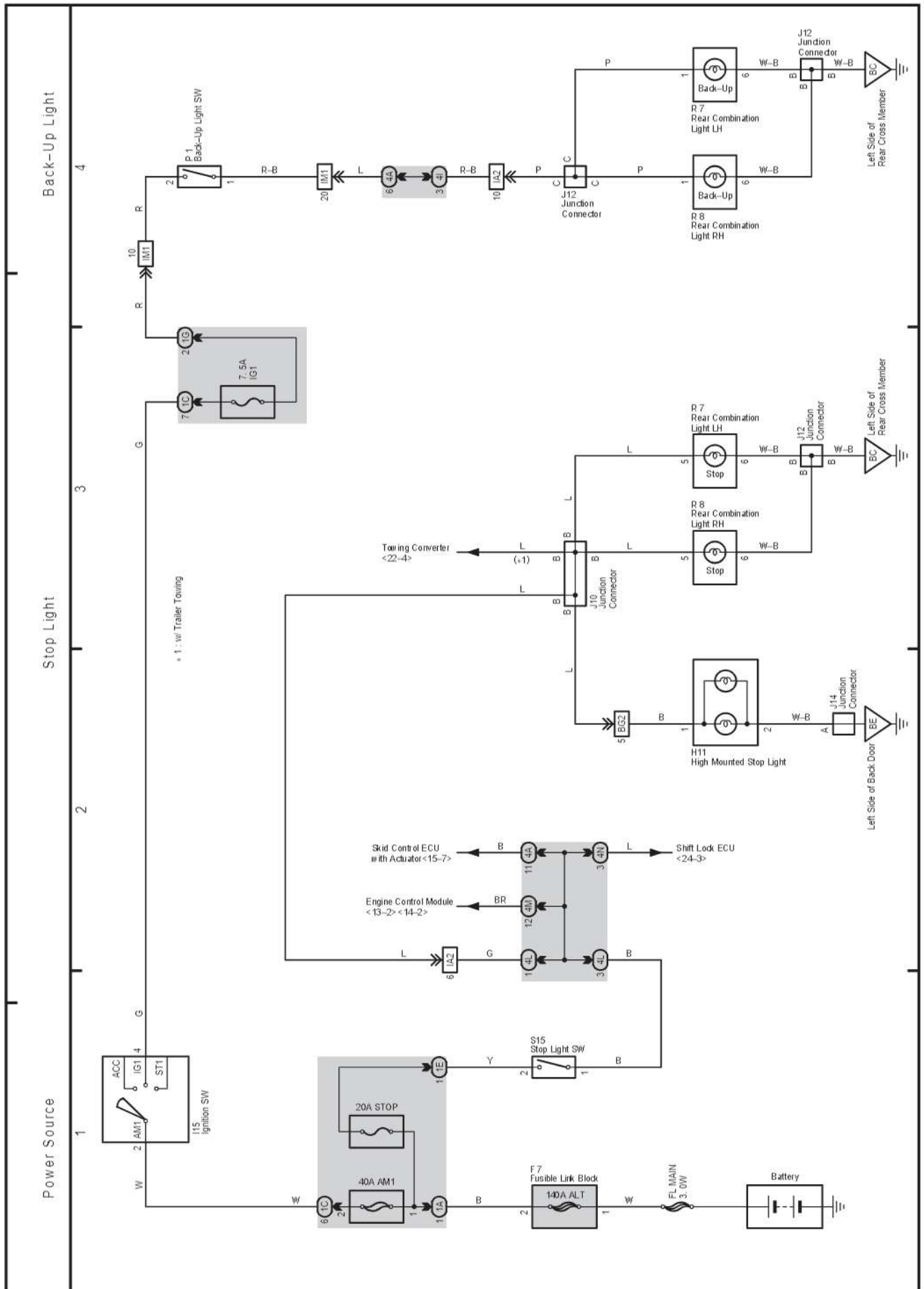
Turn Signal and Hazard Warning Light

Horn

- * 1 - w/ Trailer Towing
- * 2 - w/ Navigation System
- * 3 - w/o Navigation System



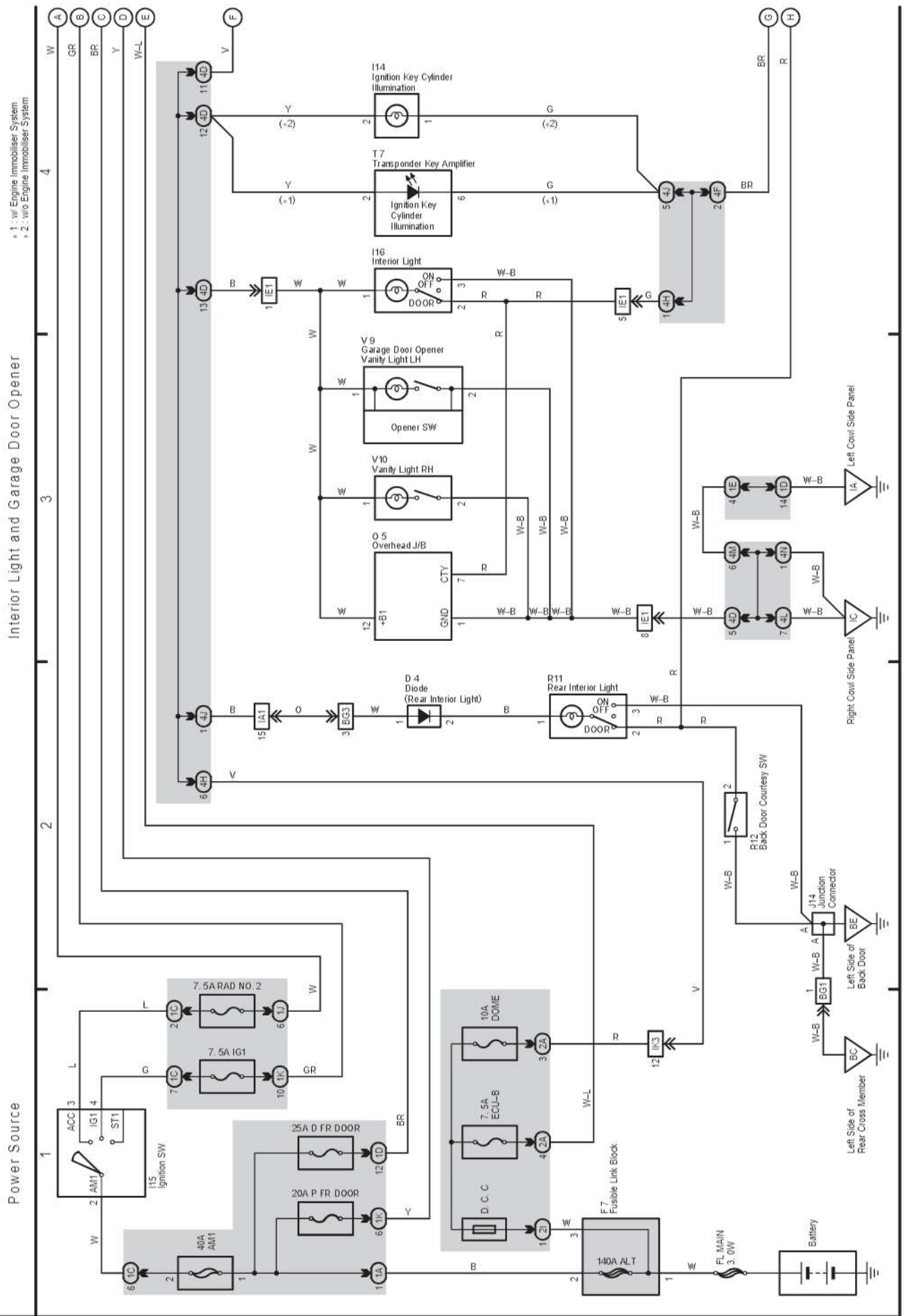
HIGHLANDER (EM0120U)



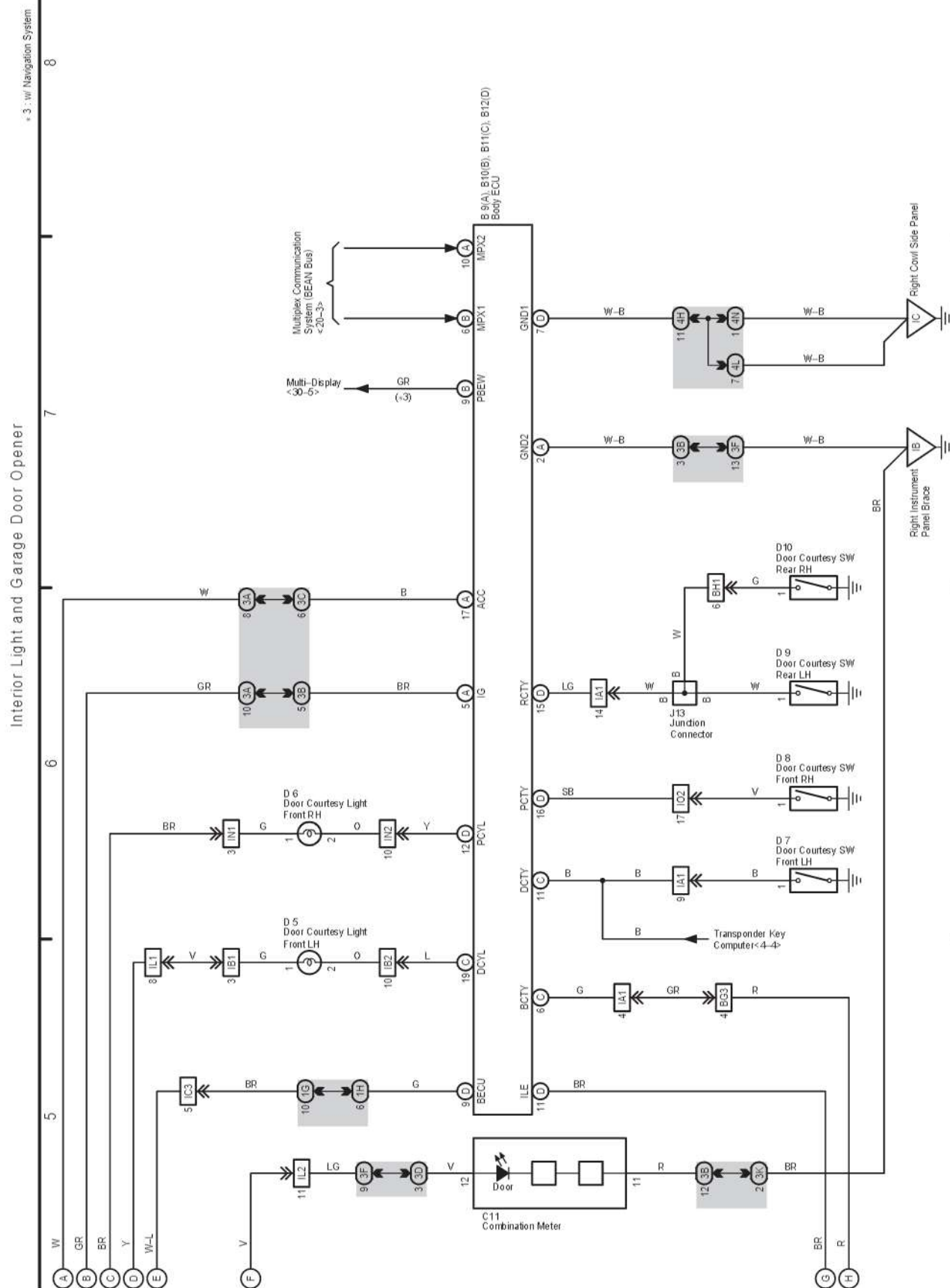
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

10 HIGHLANDER



HIGHLANDER (EM0120U)



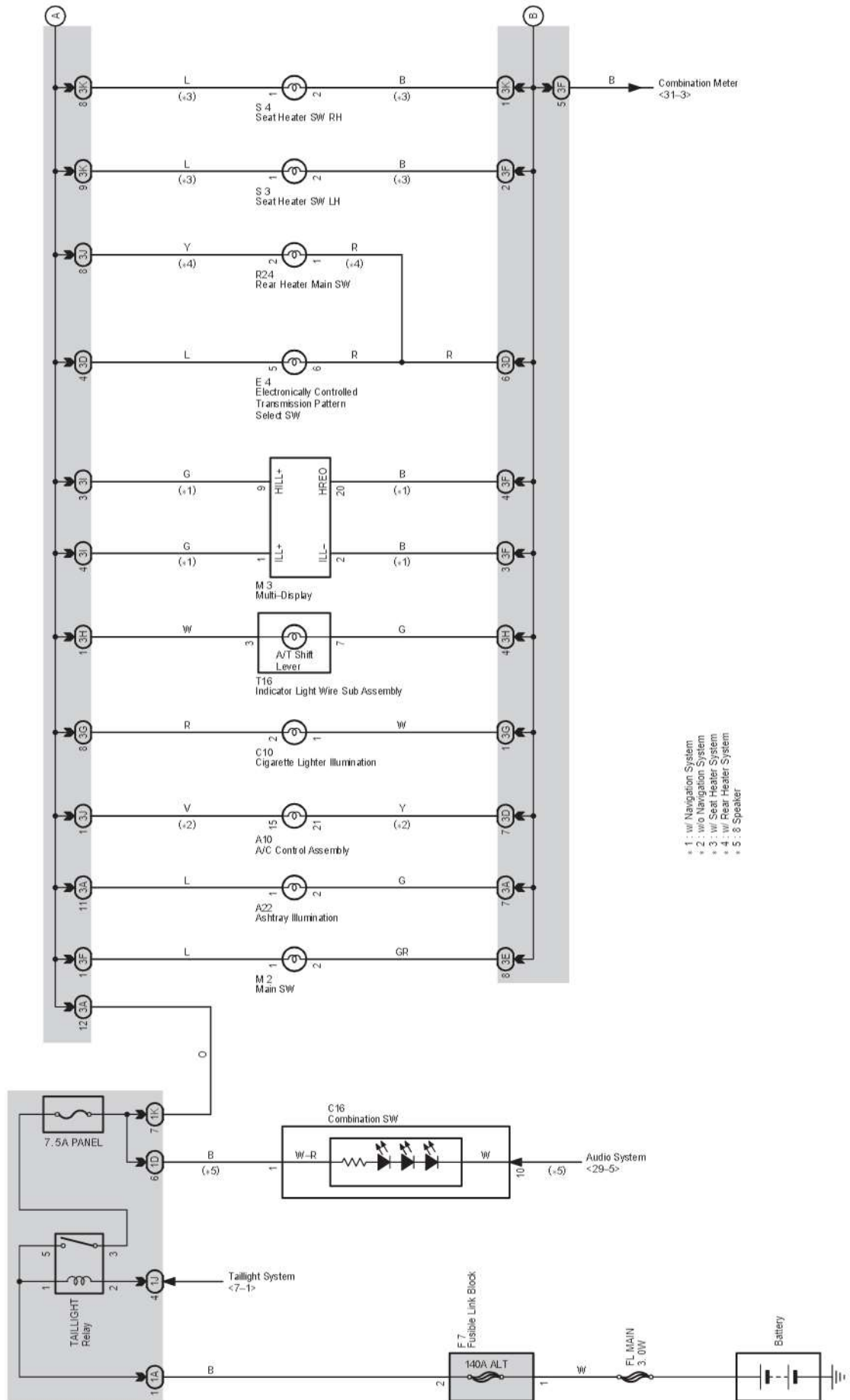
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

11 HIGHLANDER

Power Source

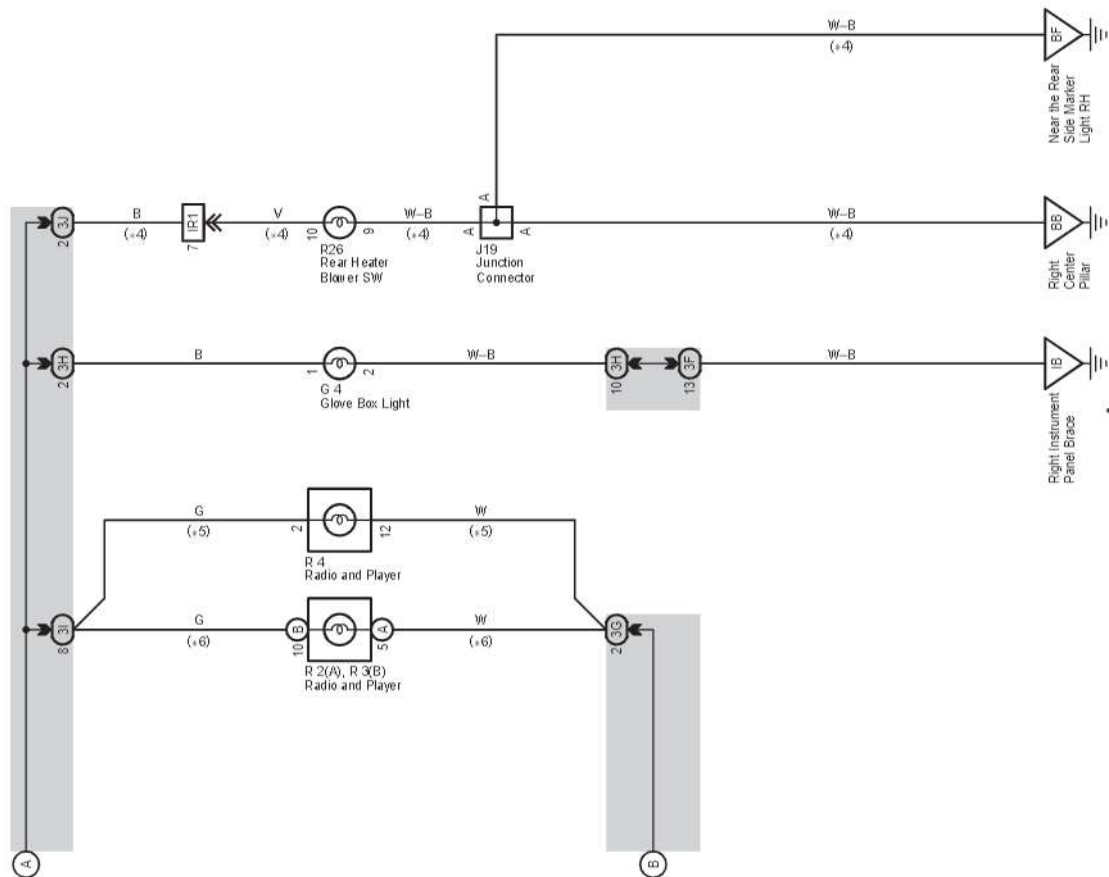
Illumination



- * 1 : w/ Navigation System
- * 2 : w/o Navigation System
- * 3 : w/ Seat Heater System
- * 4 : w/ Rear Heater System
- * 5 : 8 Speaker

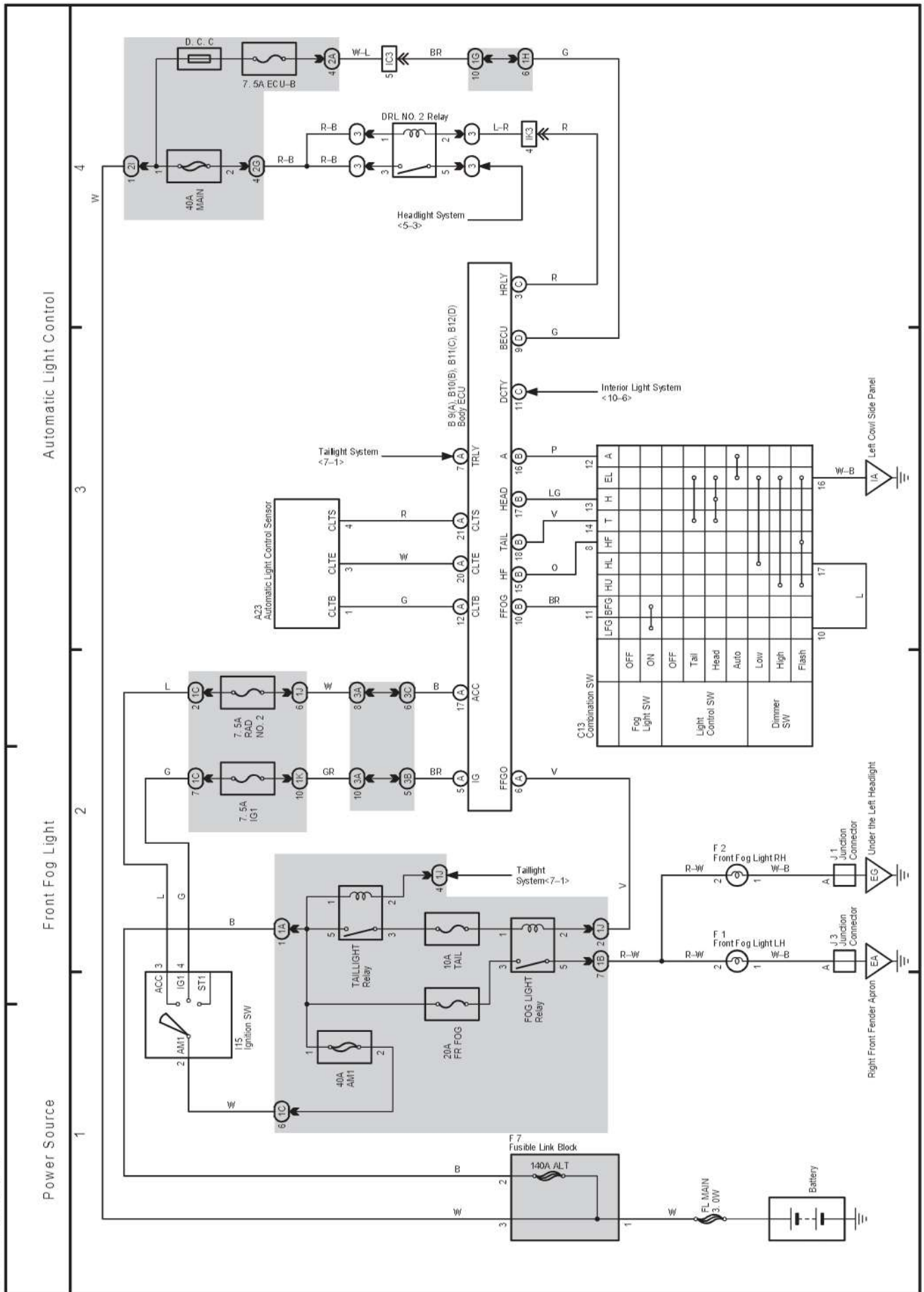
* 4 - w/ Rear Heater System
* 5 - 8 Speaker
* 6 - 6 Speaker

Illumination



M OVERALL ELECTRICAL WIRING DIAGRAM

12 HIGHLANDER

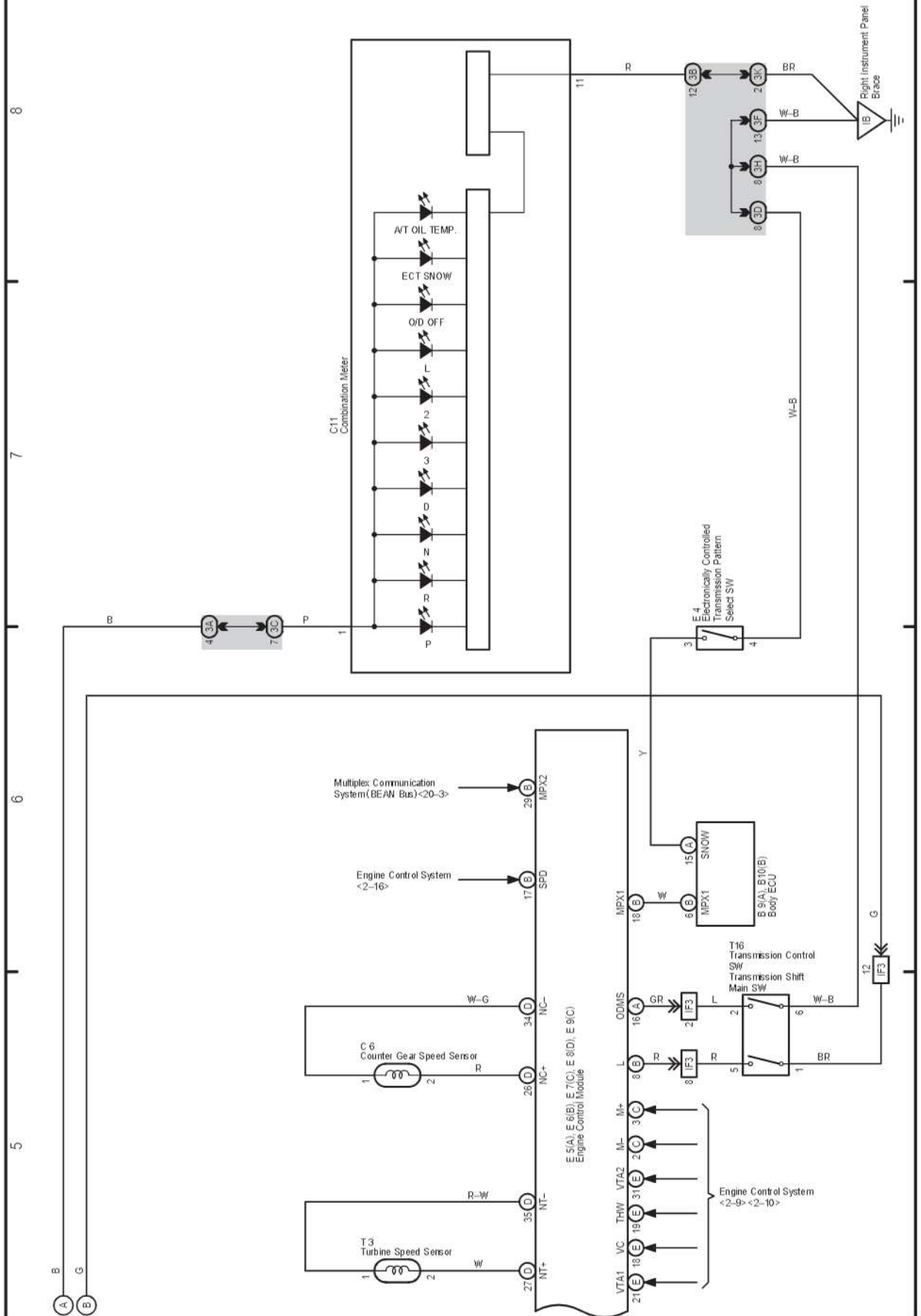


HIGHLANDER (EM0120U)



13 HIGHLANDER (Cont' d)

Electronically Controlled Transmission and A/T Indicator (3MZ-FE)



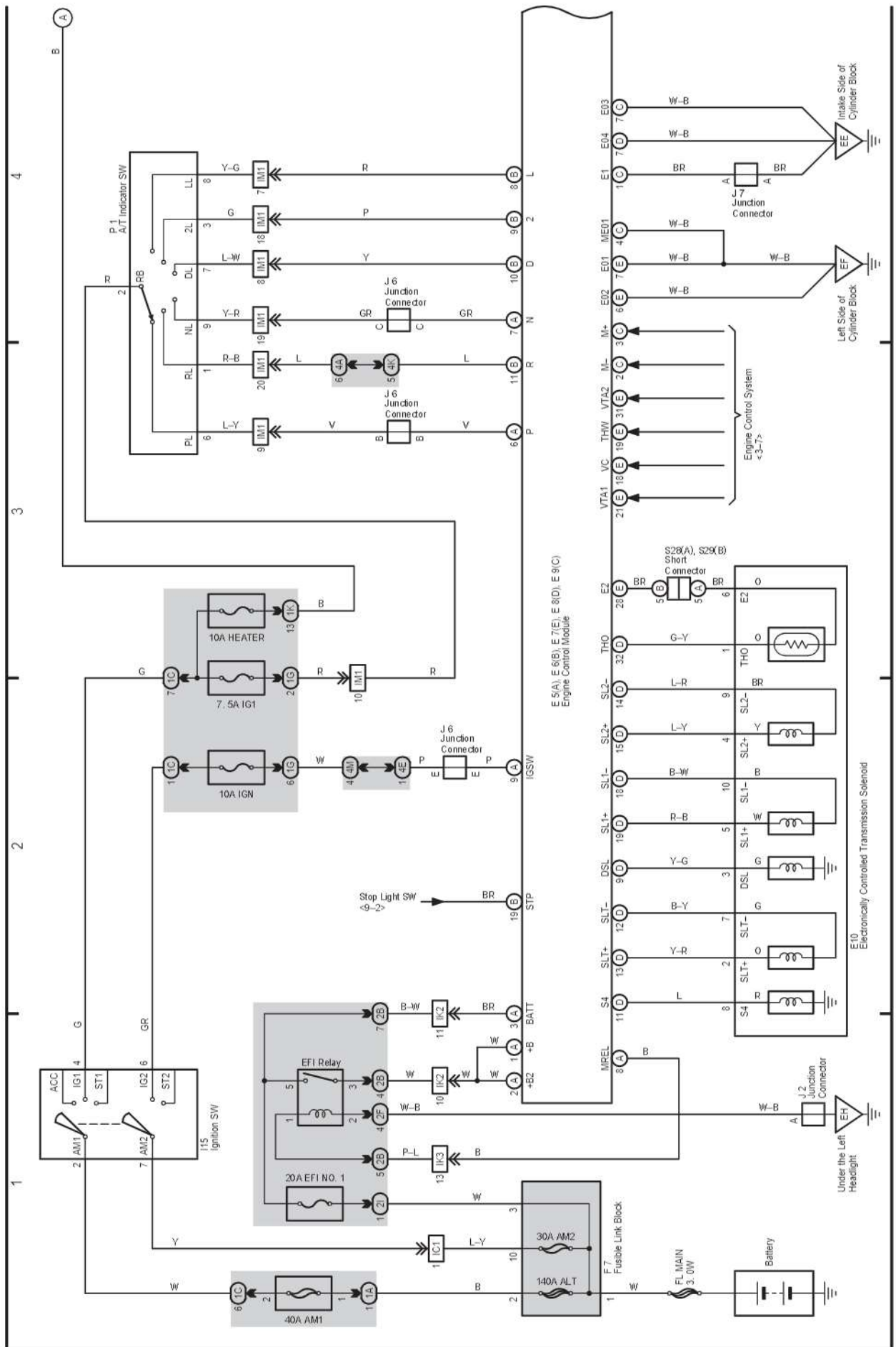
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

14 HIGHLANDER

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

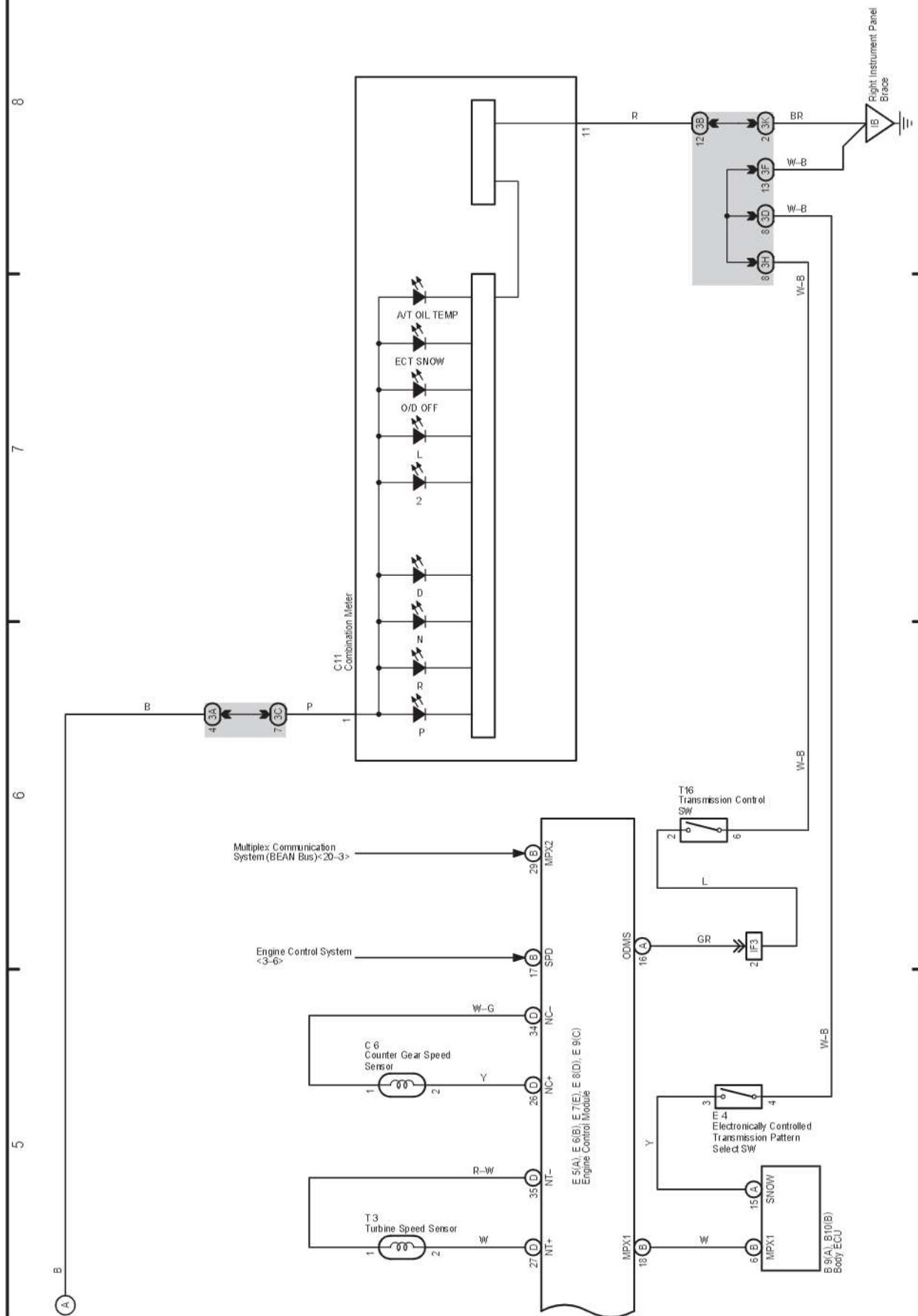
Power Source



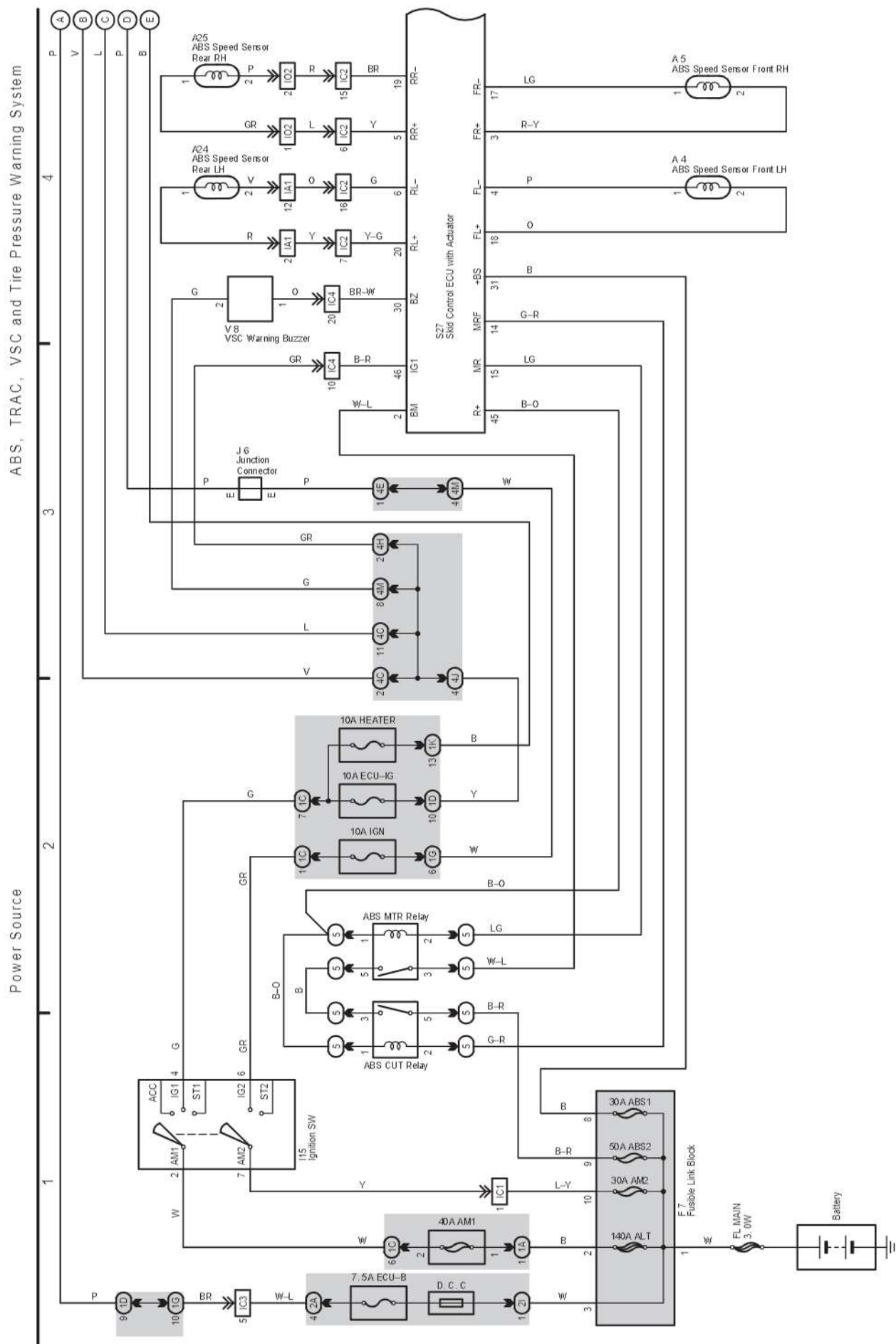
HIGHLANDER (EM0120U)

14 HIGHLANDER (Cont' d)

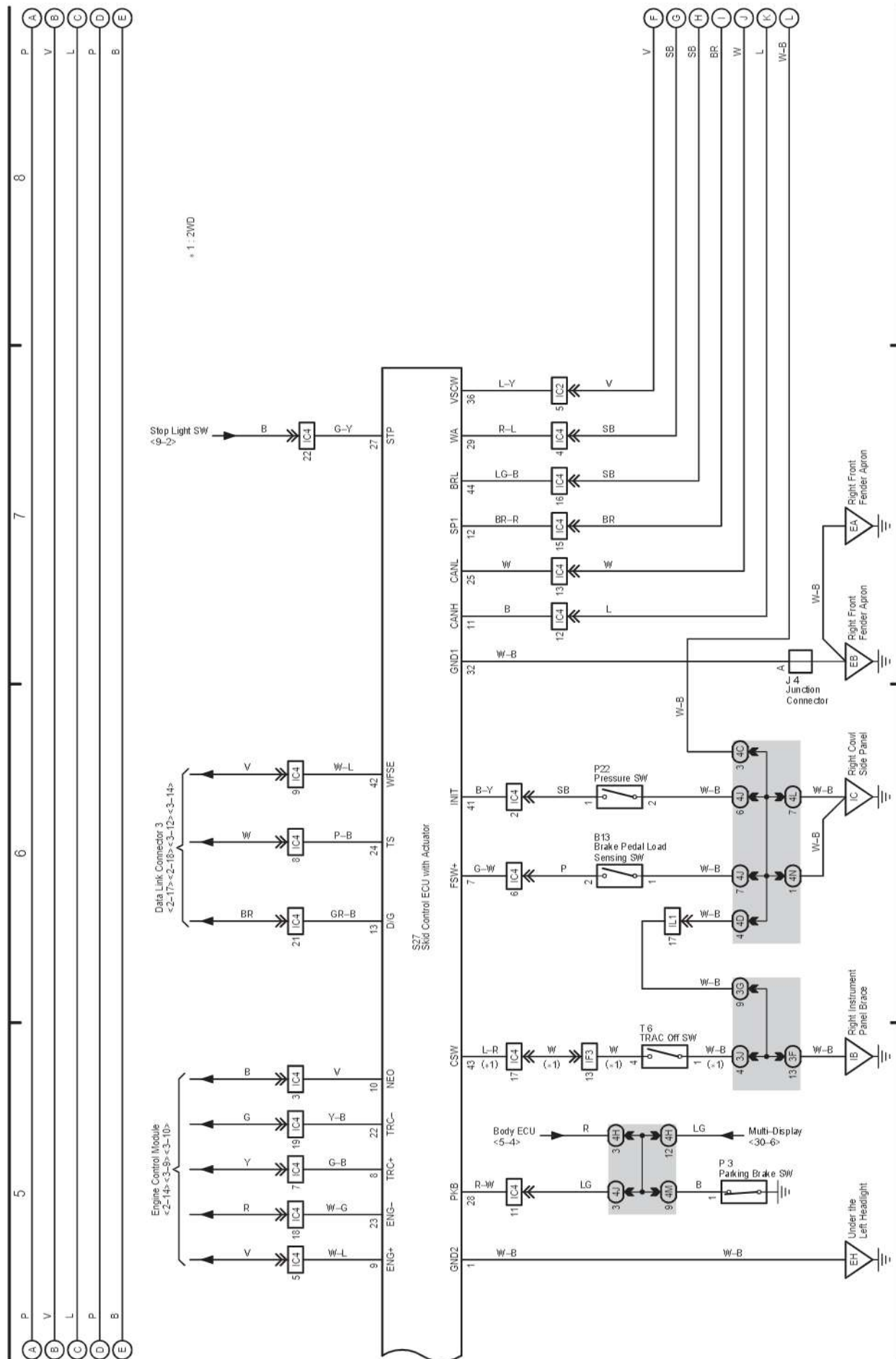
Electronically Controlled Transmission and A/T Indicator (2AZ-FE)



15 HIGHLANDER



ABS, TRAC, VSC and Tire Pressure Warning System

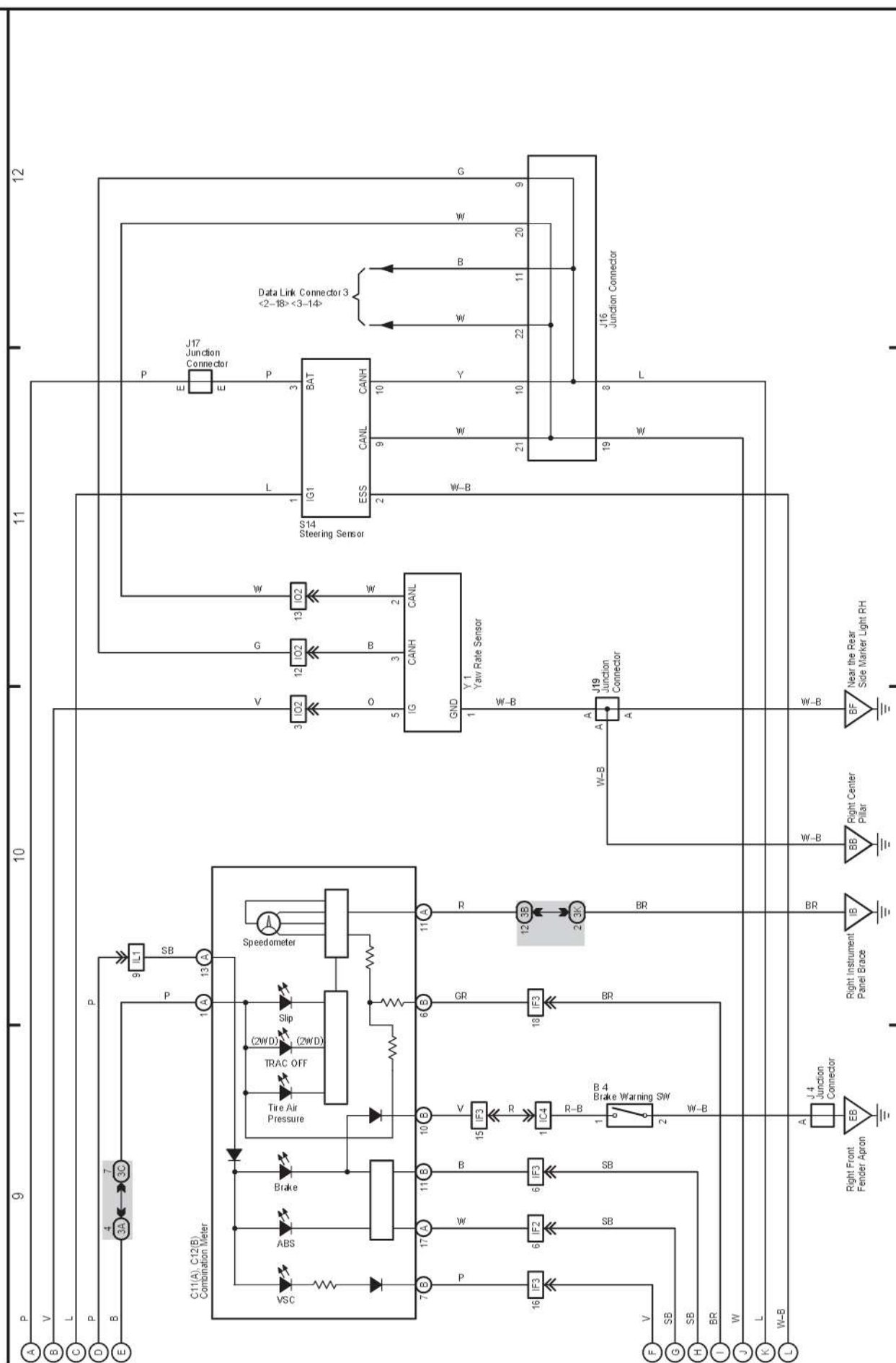


M OVERALL ELECTRICAL WIRING DIAGRAM

15 HIGHLANDER (Cont' d)

ABS, TRAC, VSC and Tire Pressure Warning System

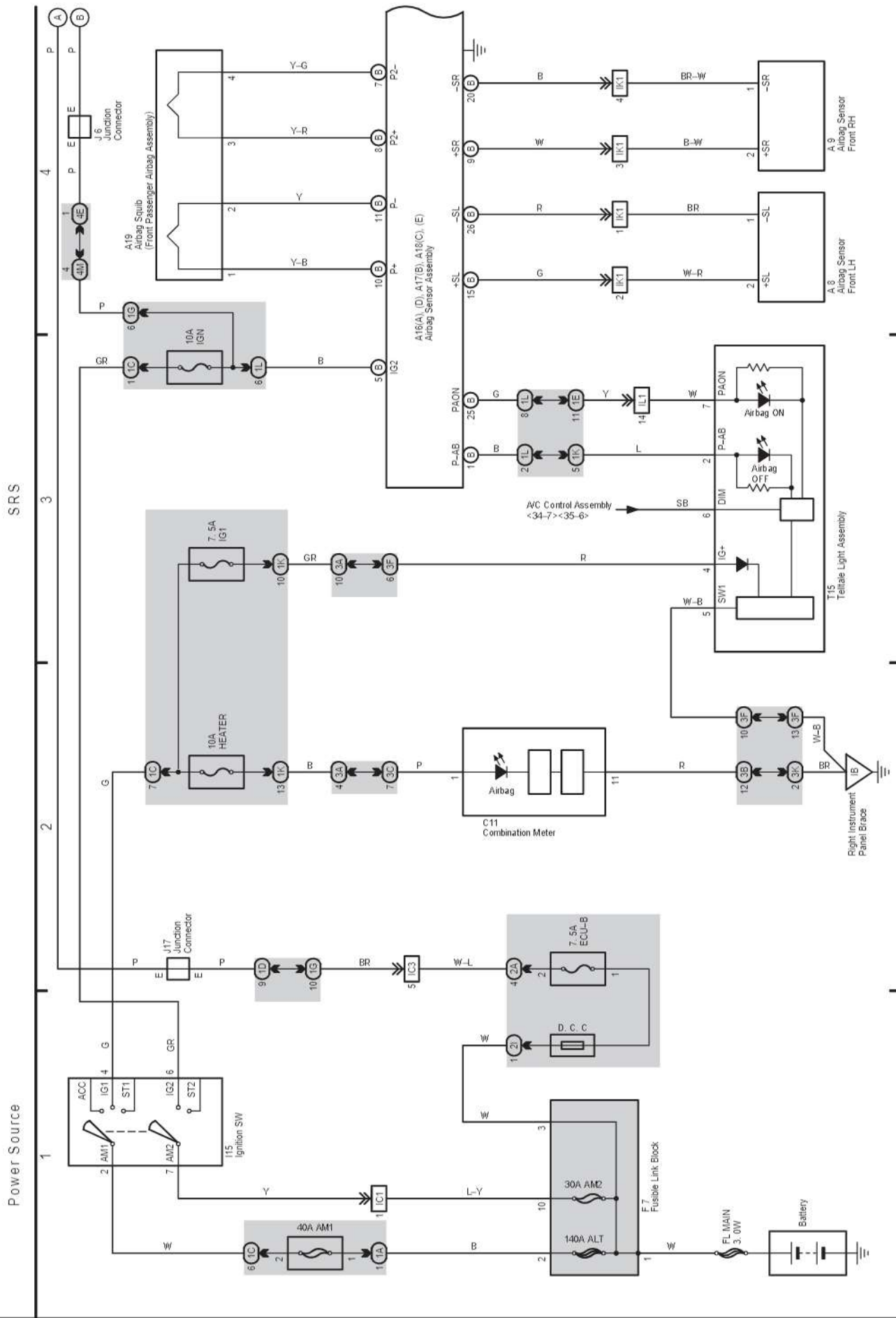
Multiplex Communication System (CAN)



M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

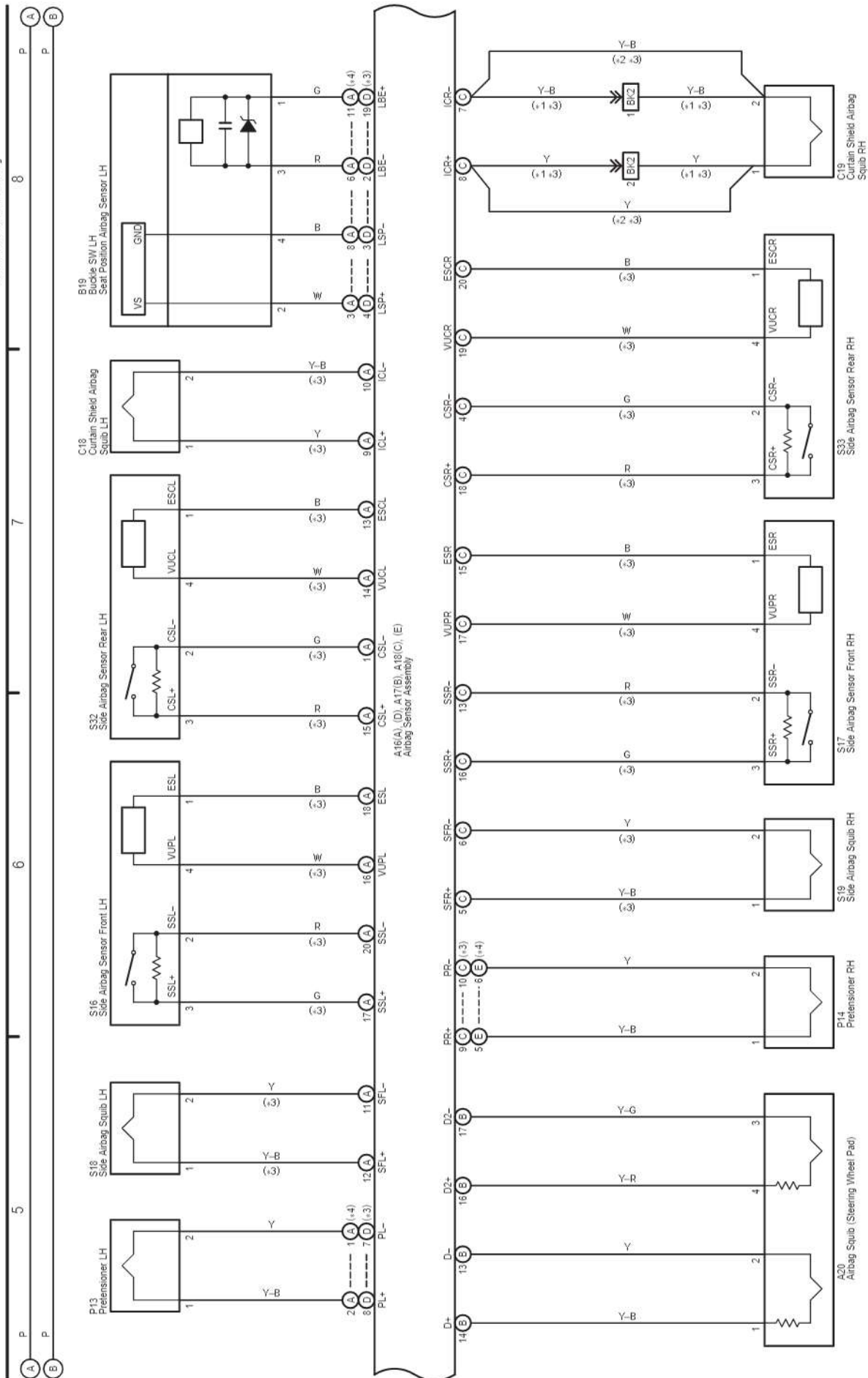
16 HIGHLANDER



HIGHLANDER (EM0120U)

- * 1. w/ Rear Seat Entertainment System
- * 2. w/o Rear Seat Entertainment System
- * 3. w/ Curtain Shield Airbag
- * 4. w/o Curtain Shield Airbag

SRS

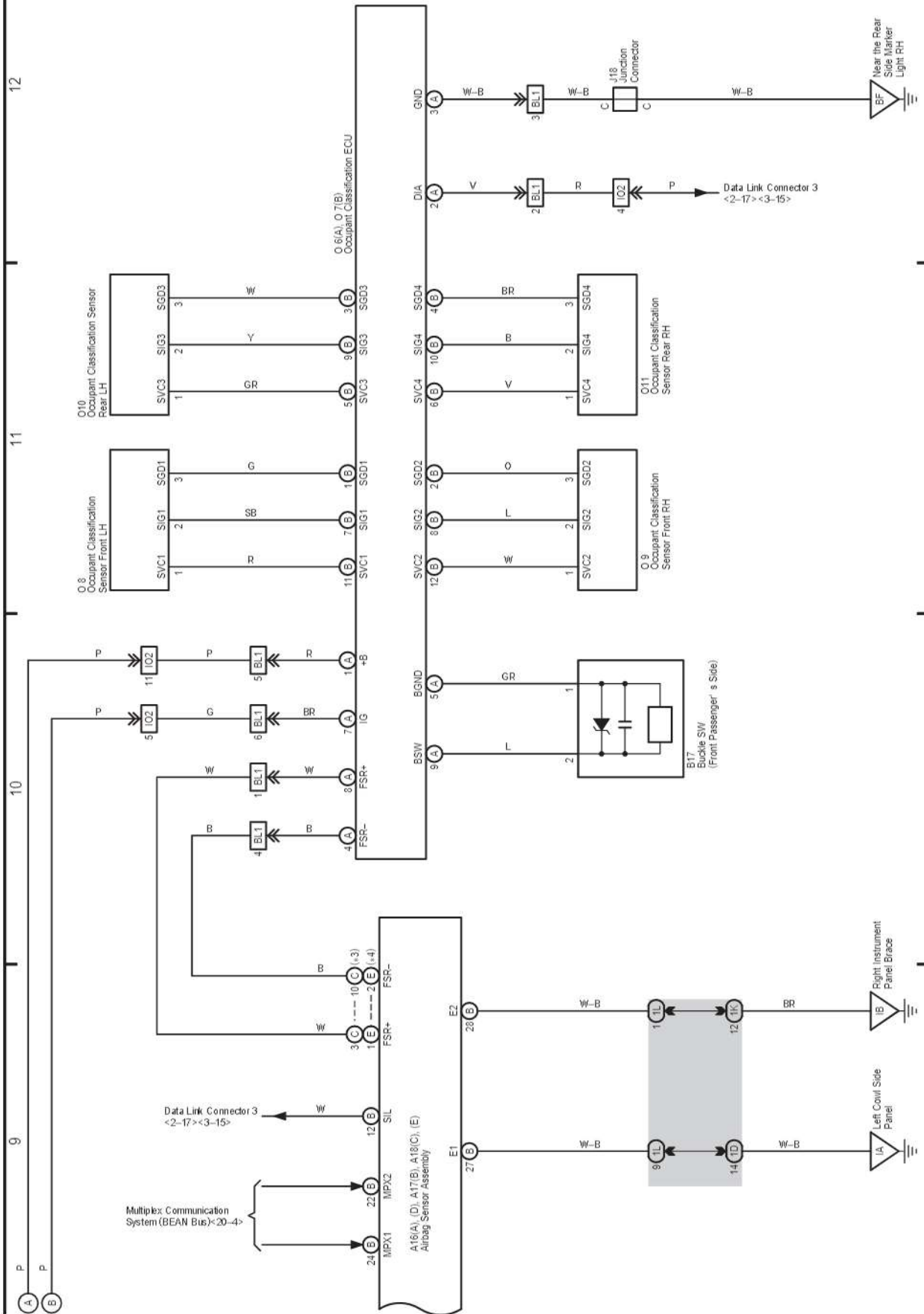


M OVERALL ELECTRICAL WIRING DIAGRAM

16 HIGHLANDER (Cont' d)

* 3 : w/ Curtain Shield Airbag
* 4 : w/o Curtain Shield Airbag

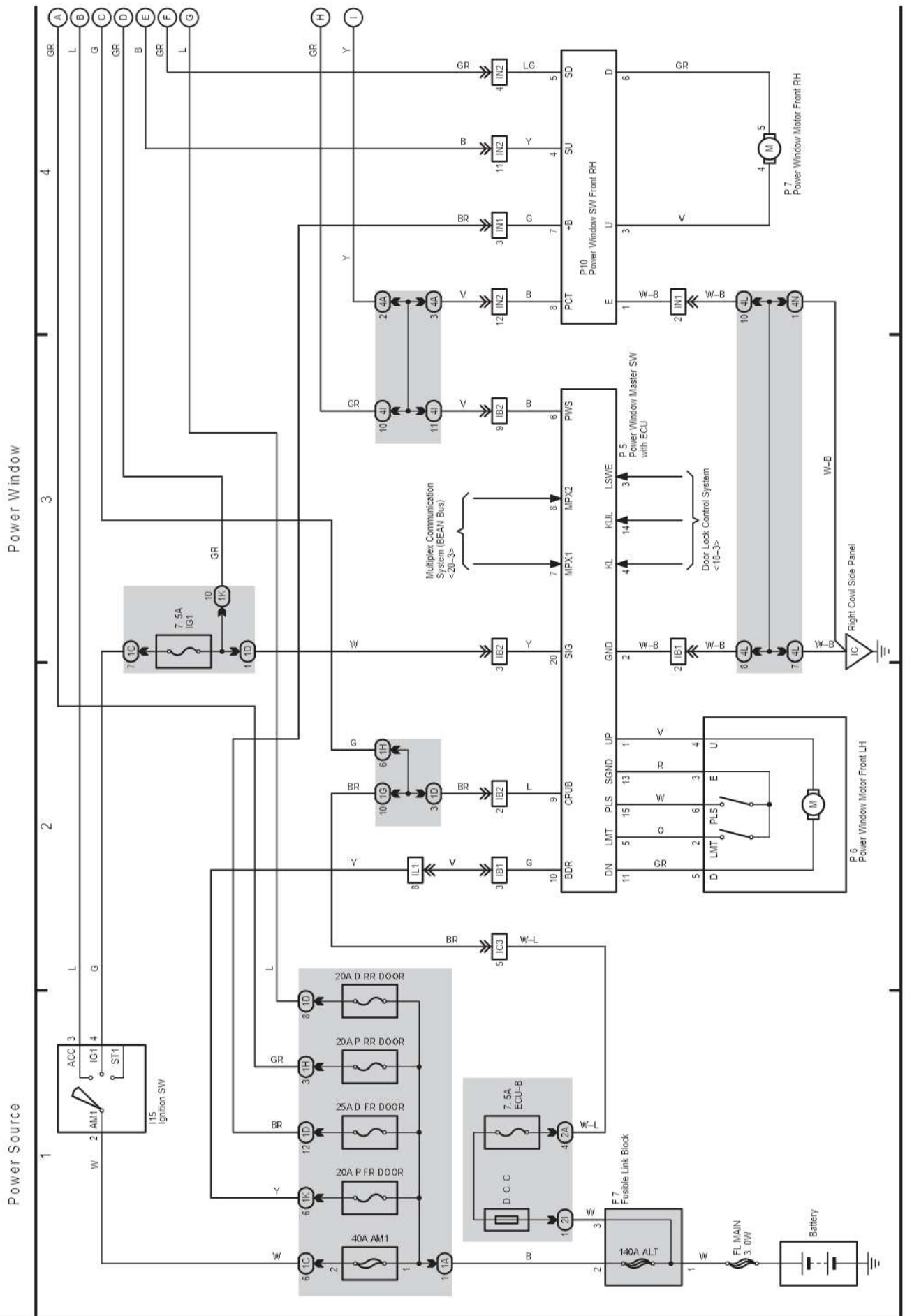
SRS



M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

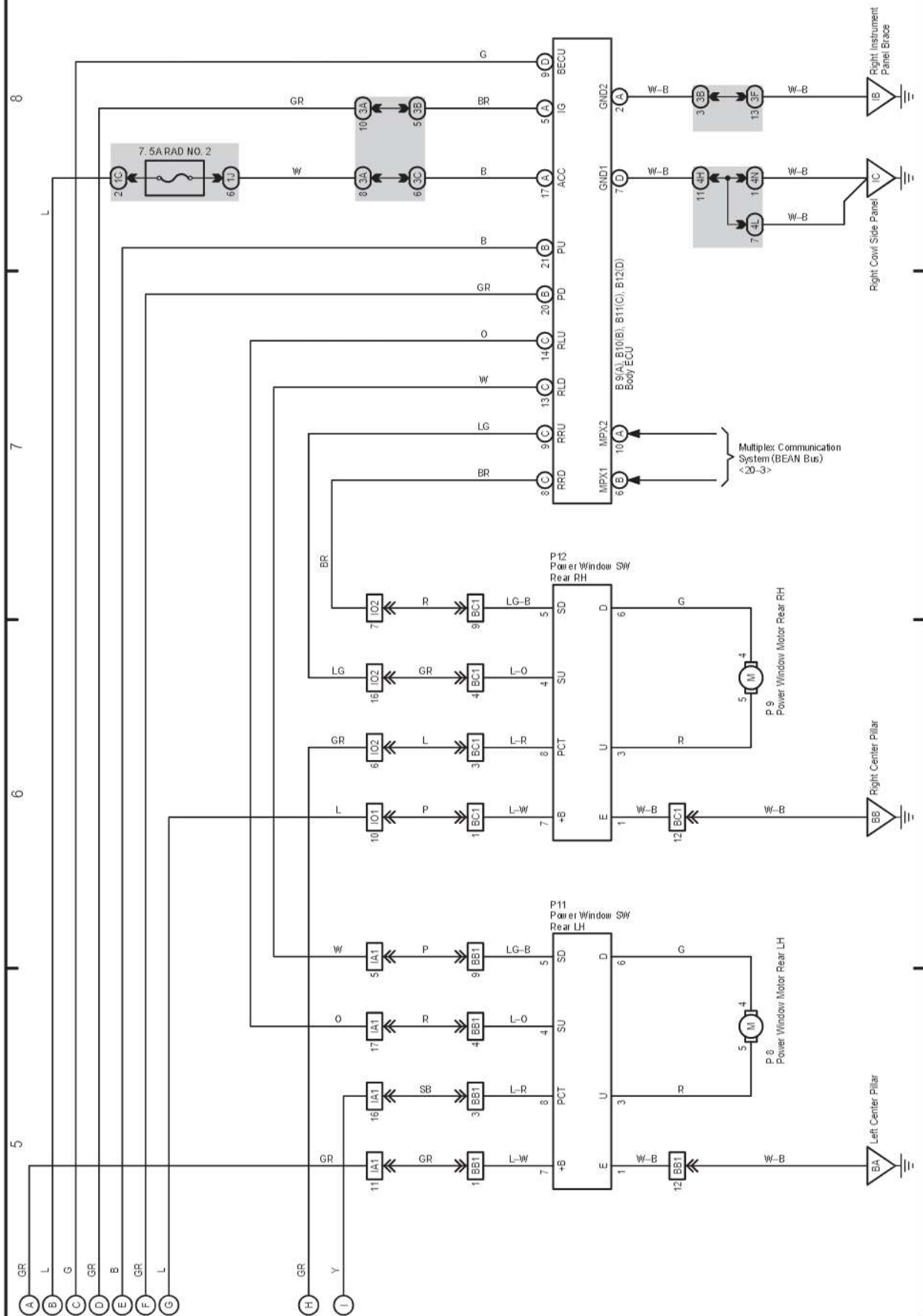
17 HIGHLANDER



HIGHLANDER (EM0120U)

17 HIGHLANDER (Cont' d)

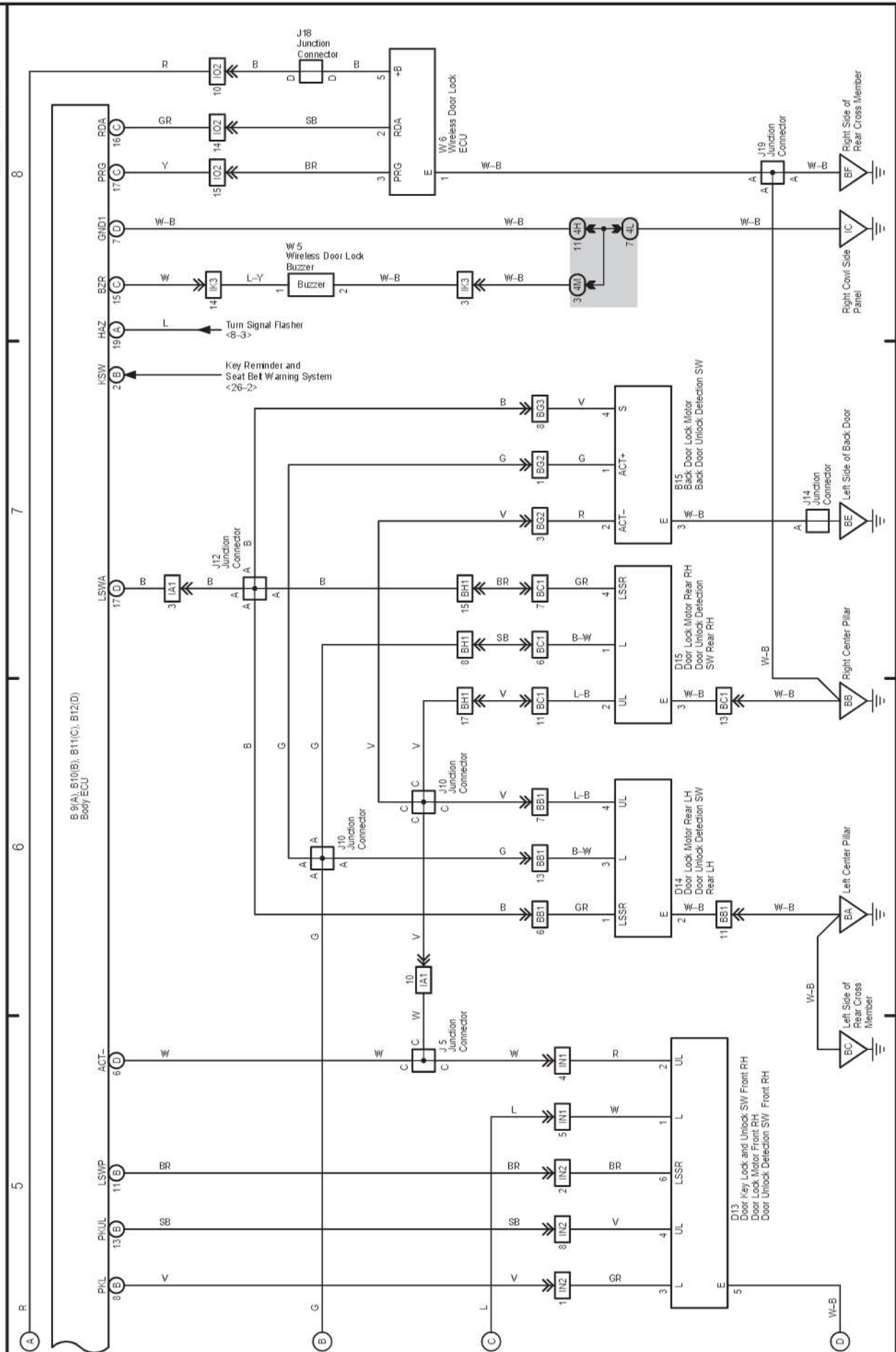
Power Window





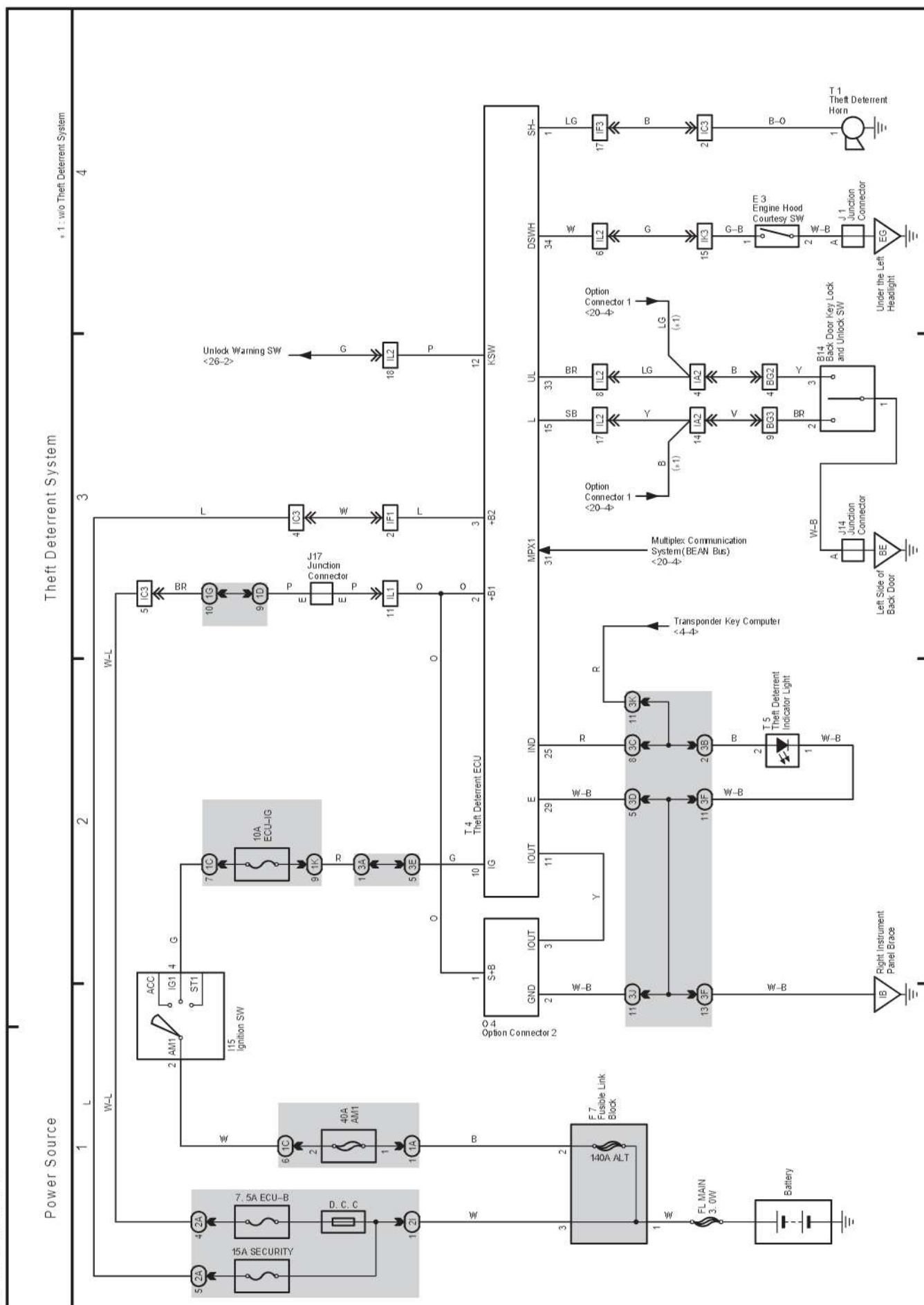
Door Lock Control

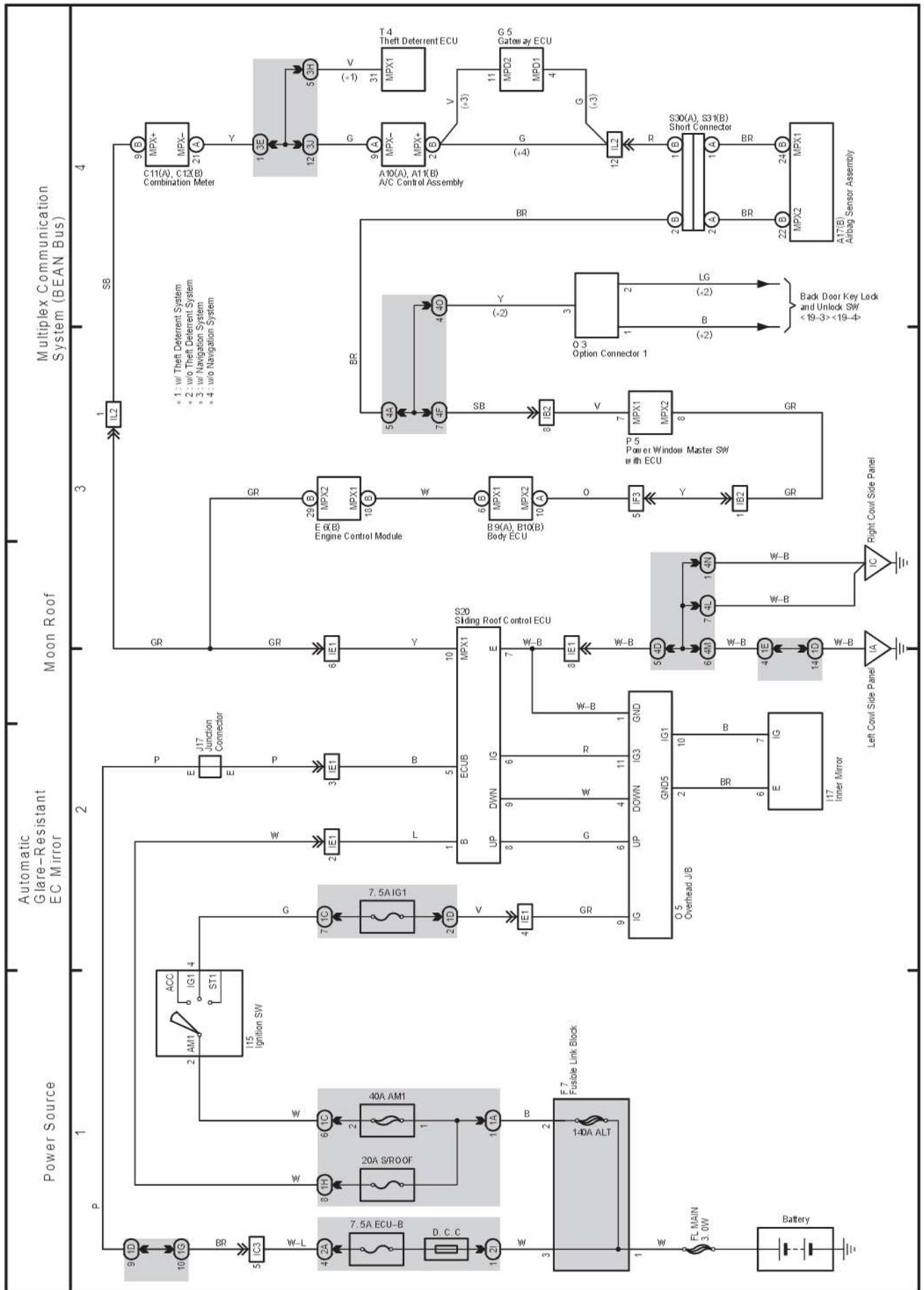
Wireless Door Lock Control



M OVERALL ELECTRICAL WIRING DIAGRAM

19 HIGHLANDER





M OVERALL ELECTRICAL WIRING DIAGRAM

21 HIGHLANDER

Power Source

Power Seat (Driver's Seat)

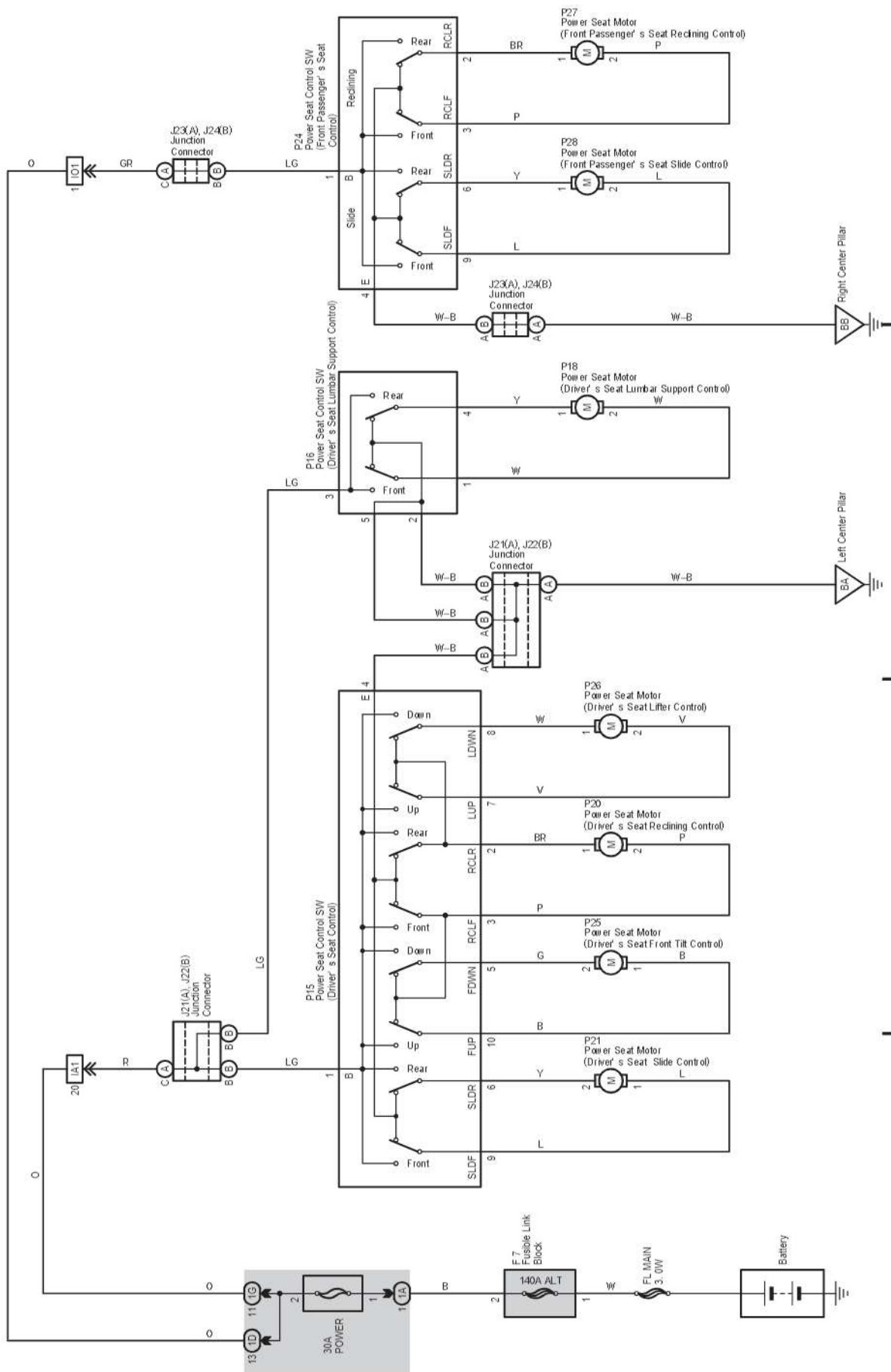
Power Seat (Front Passenger's Seat)

1

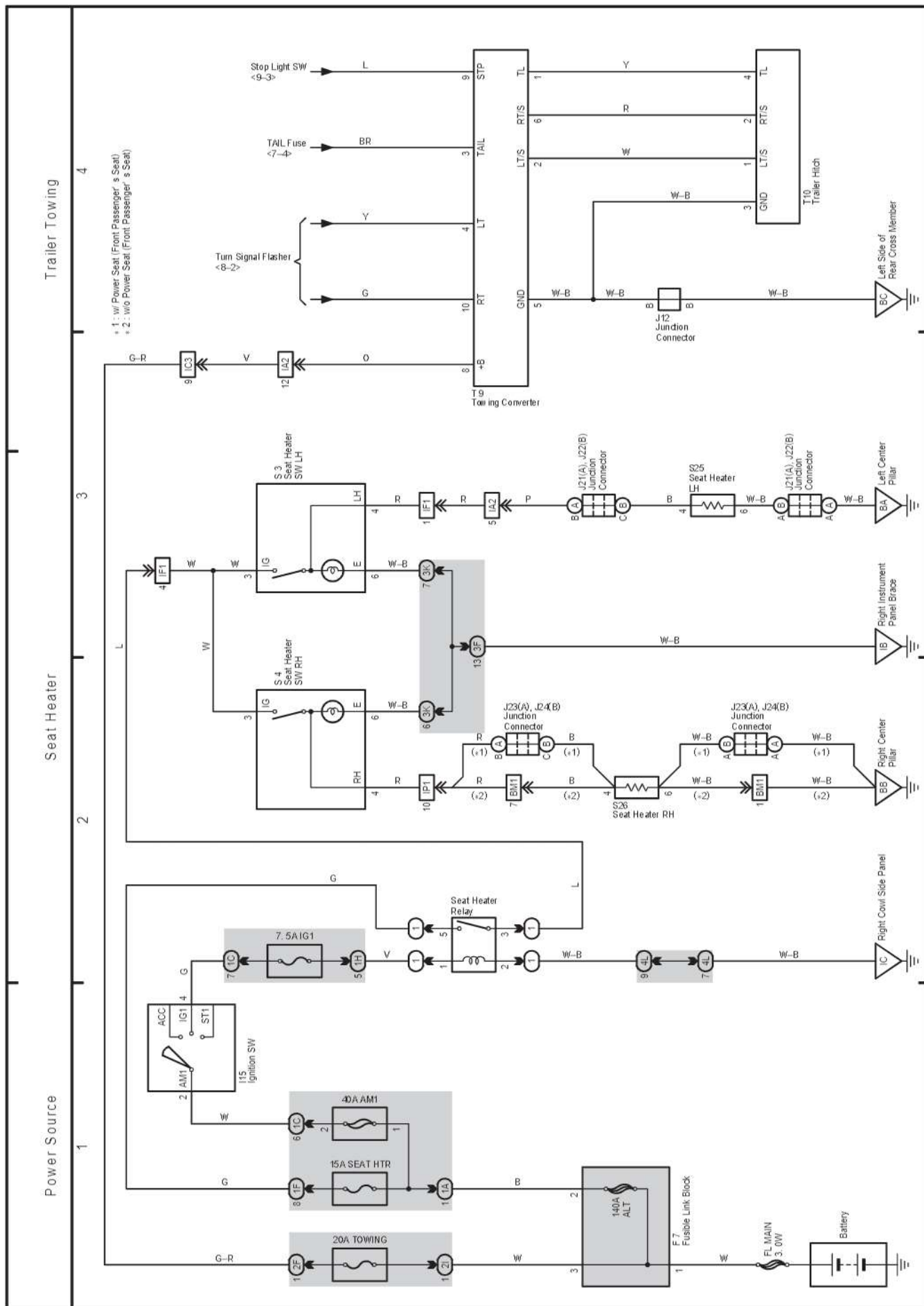
2

3

4

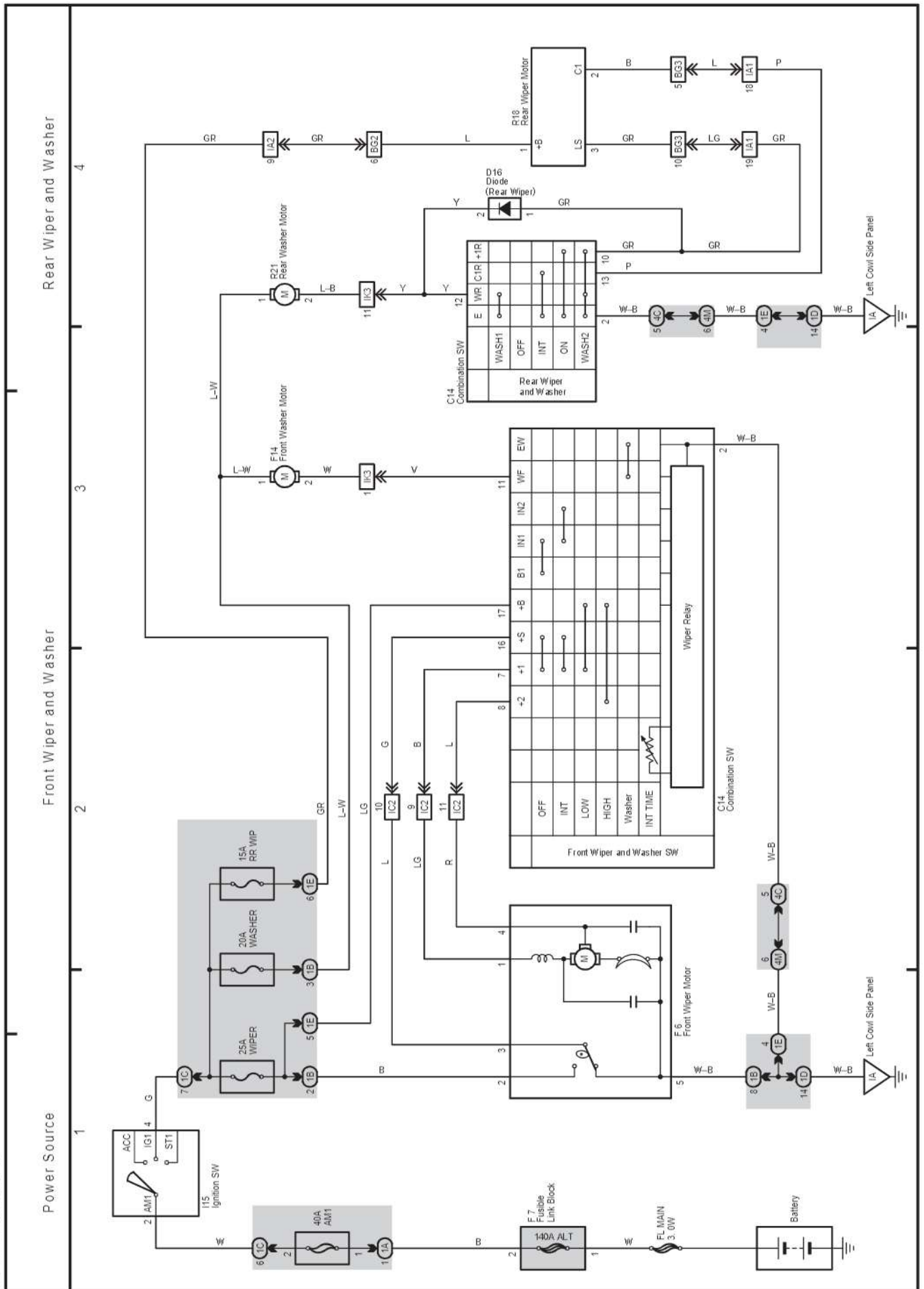


HIGHLANDER (EM0120U)



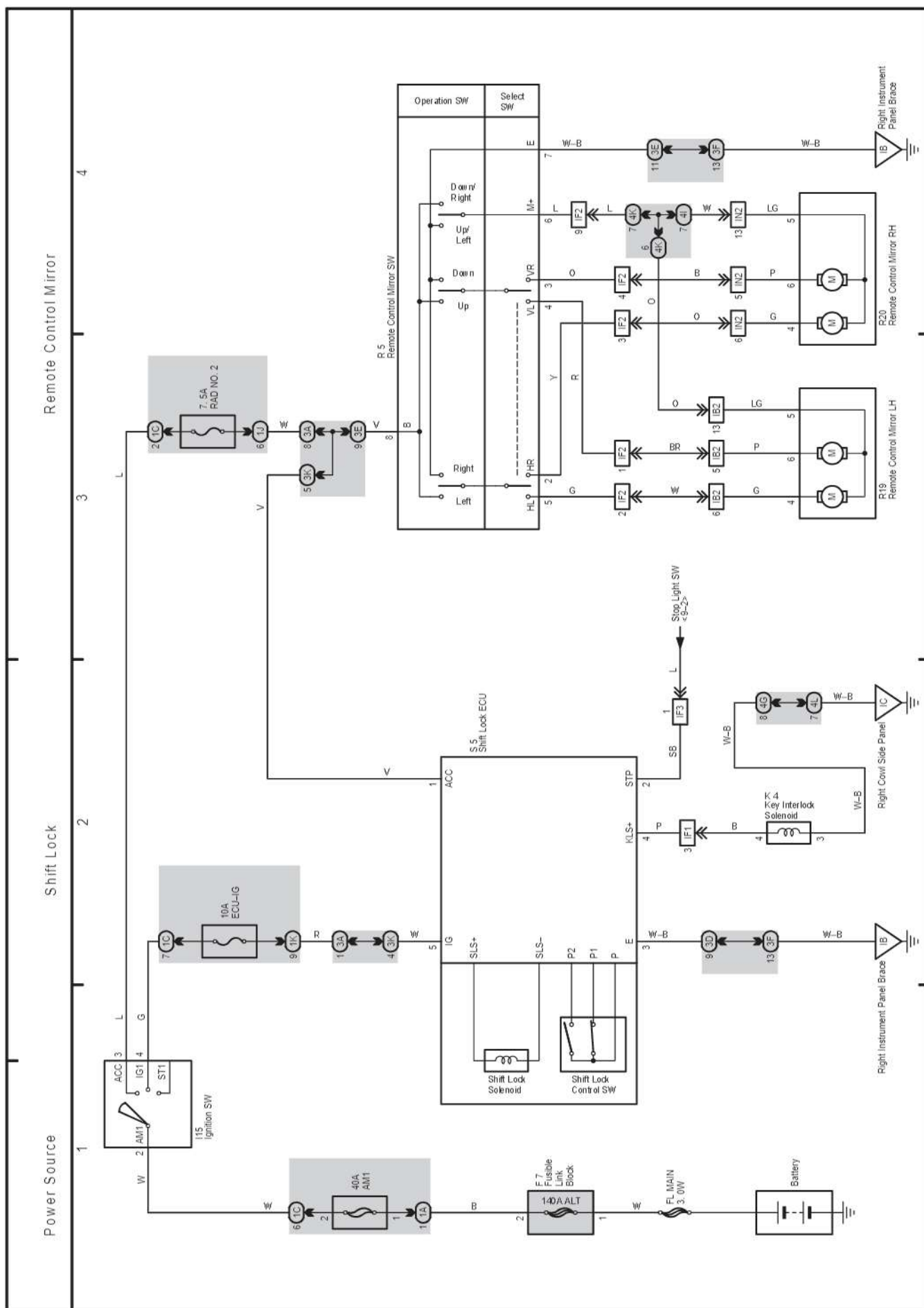
M OVERALL ELECTRICAL WIRING DIAGRAM

23 HIGHLANDER



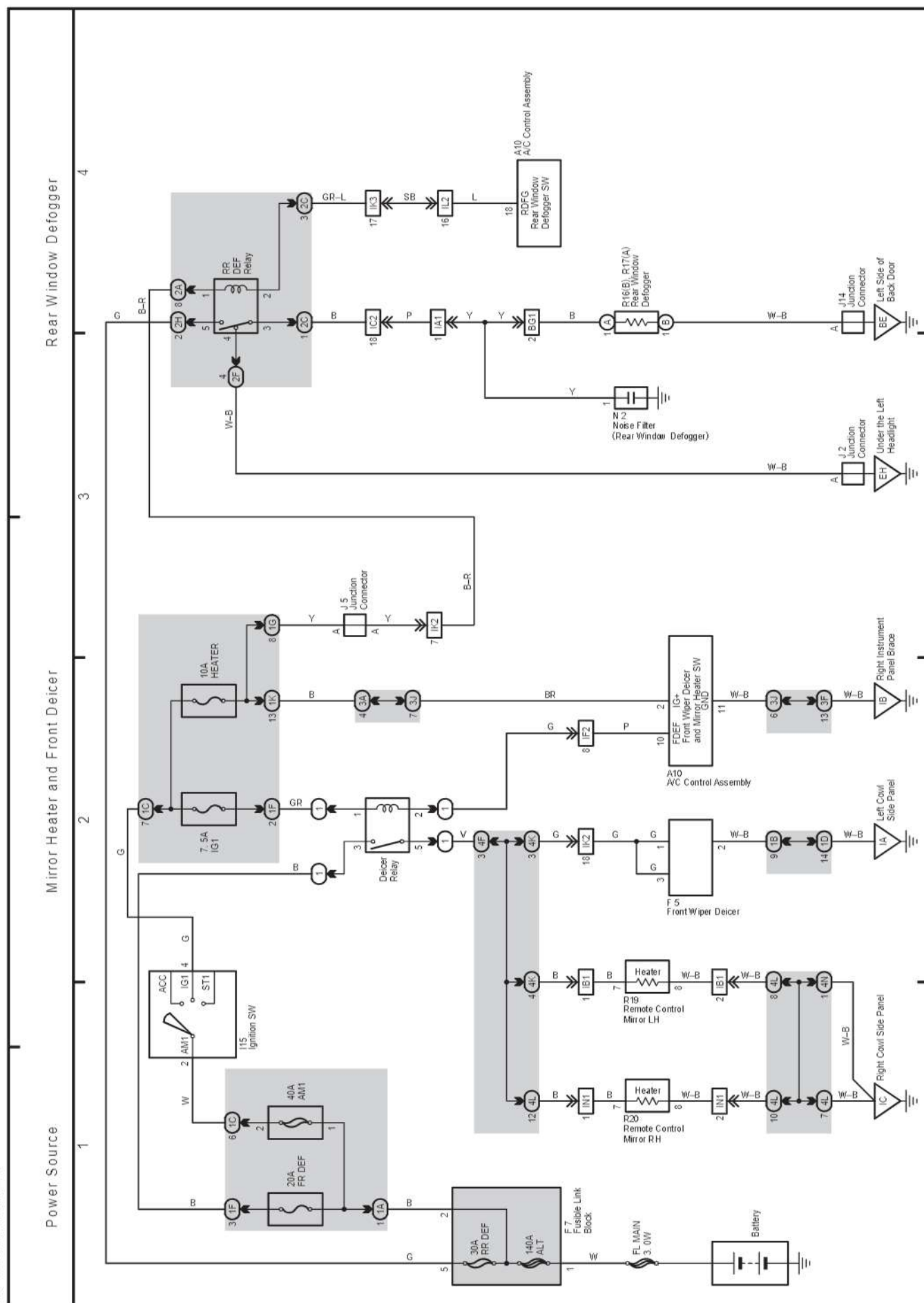
HIGHLANDER (EM0120U)

379

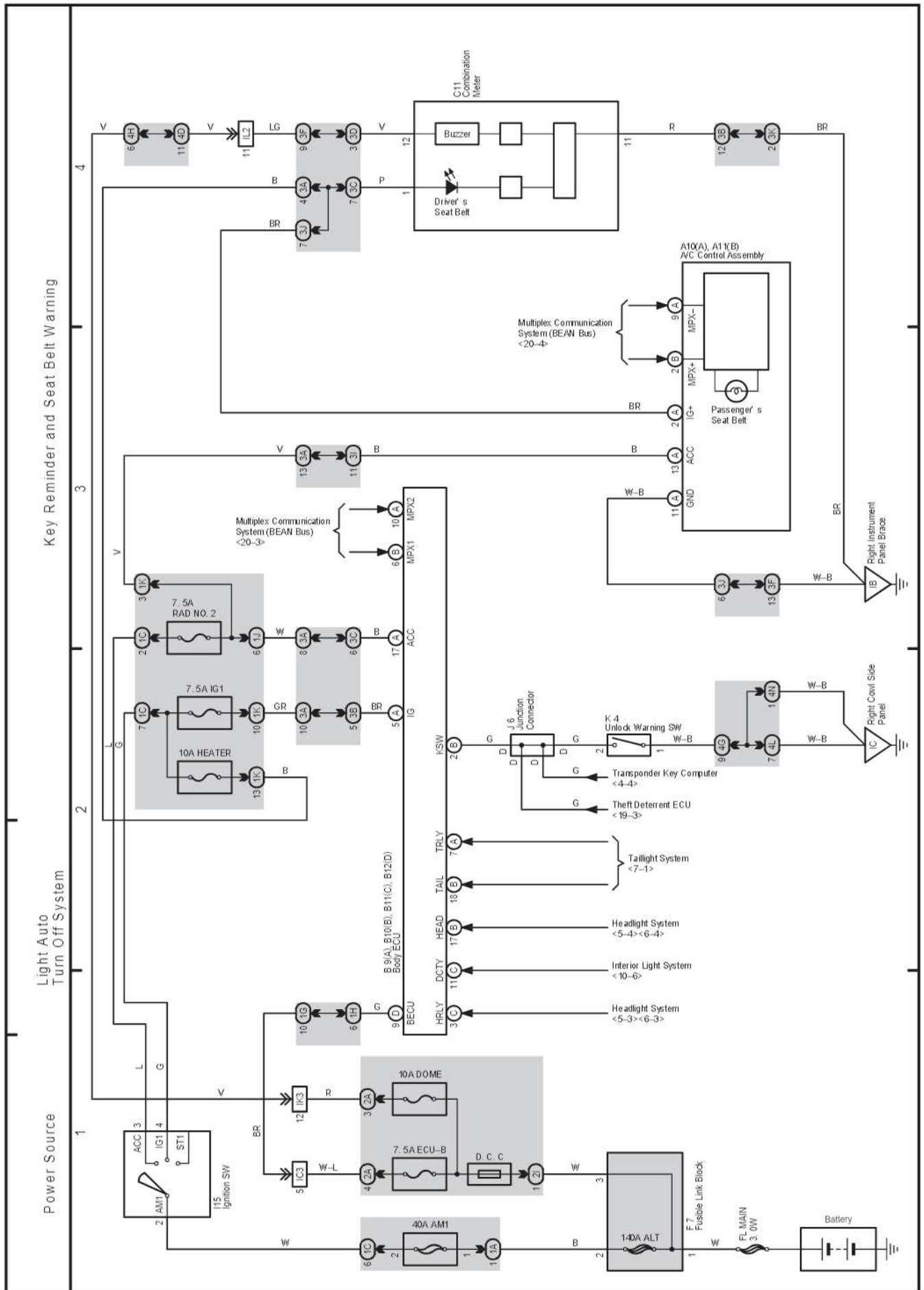


M OVERALL ELECTRICAL WIRING DIAGRAM

25 HIGHLANDER

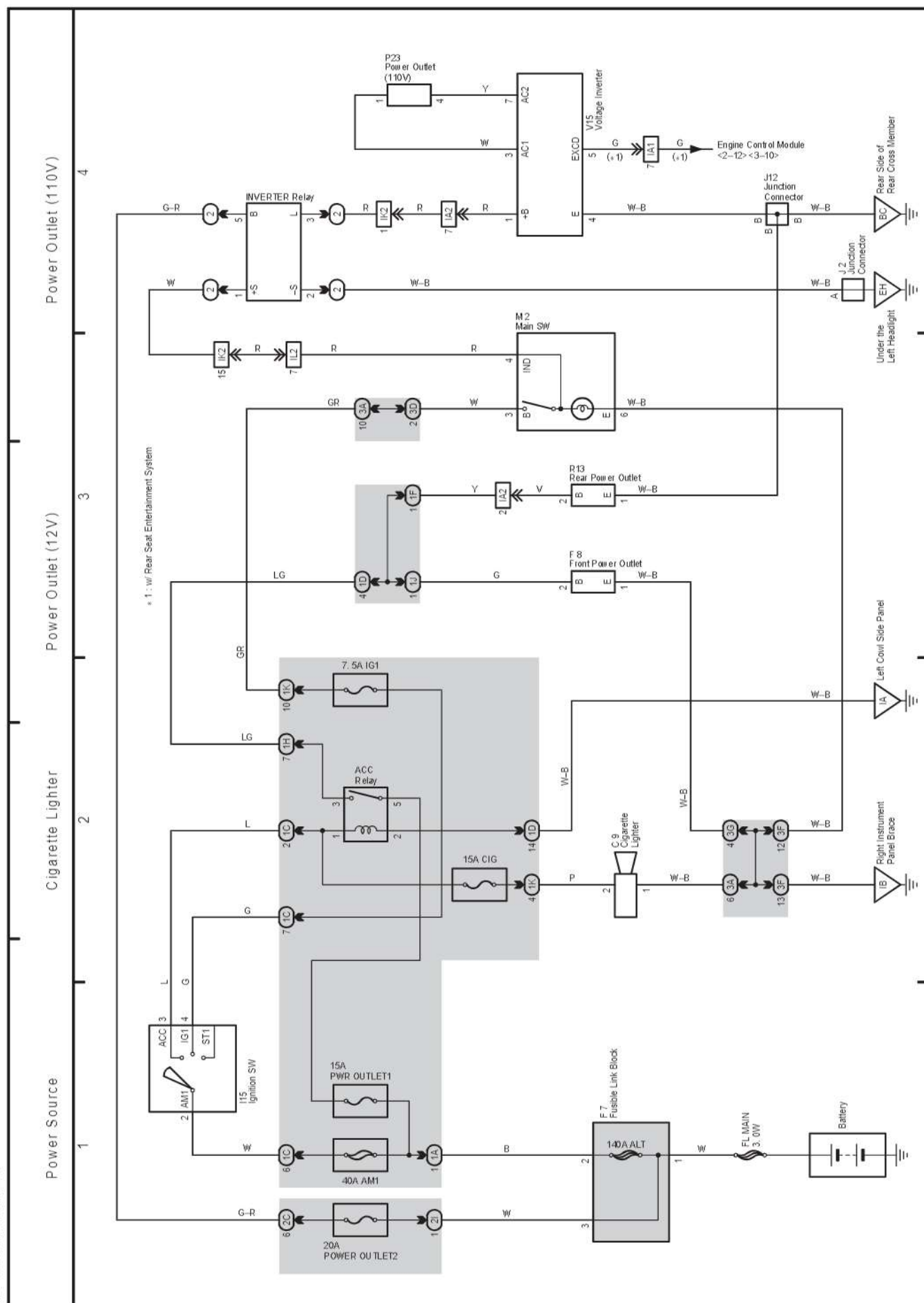


HIGHLANDER (EM0120U)



M OVERALL ELECTRICAL WIRING DIAGRAM

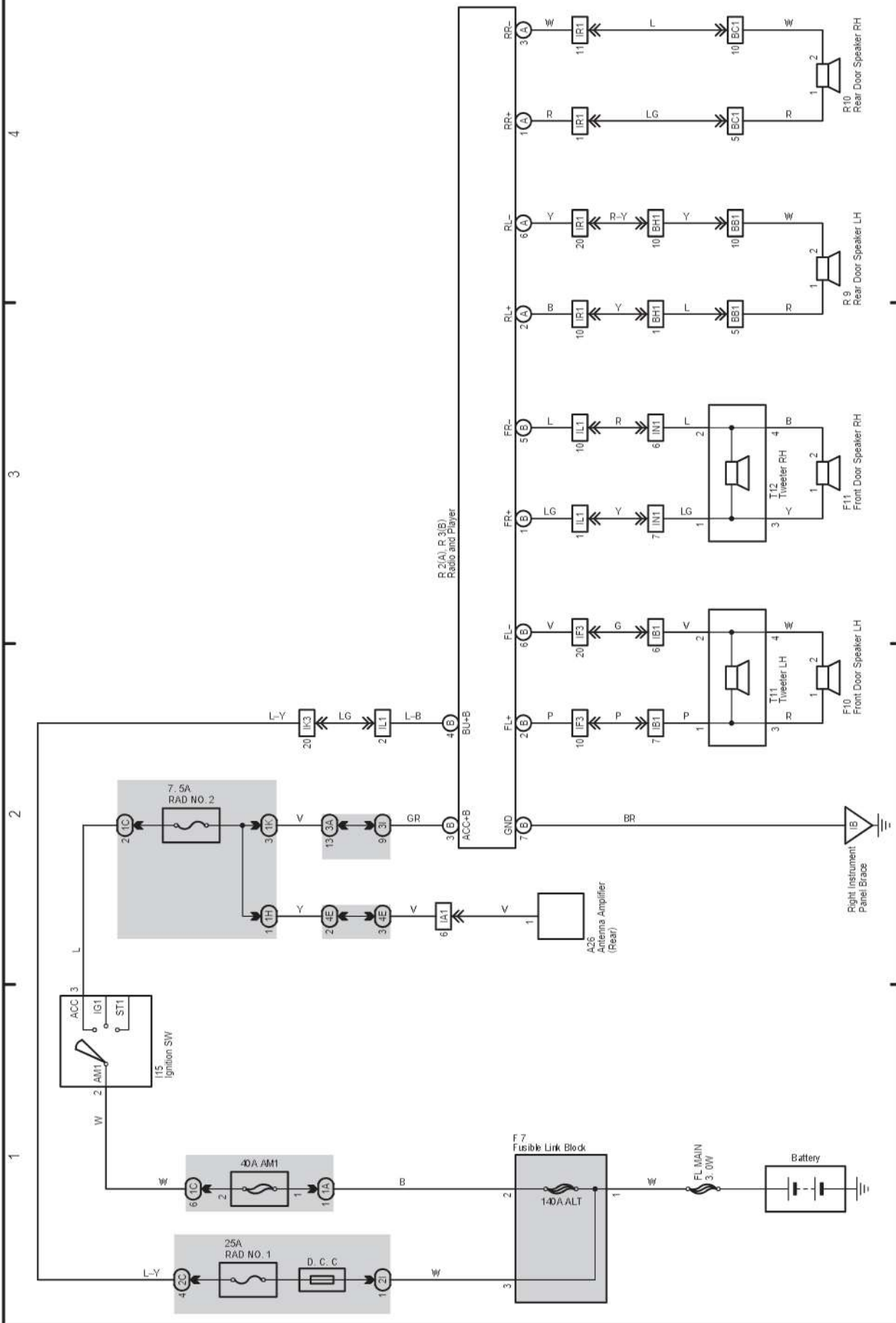
27 HIGHLANDER



HIGHLANDER (EM0120U)

Power Source

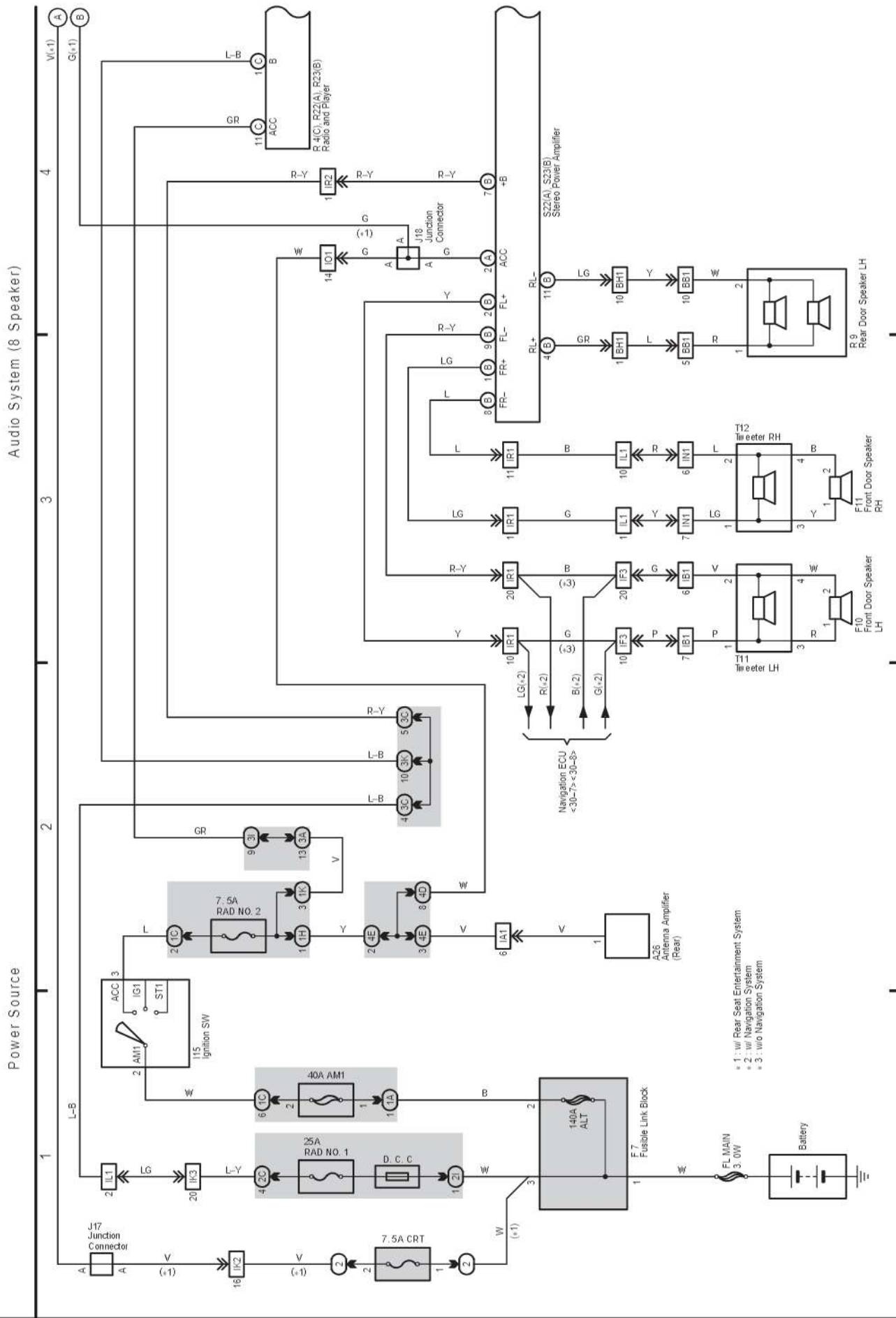
Audio System (6 Speaker)



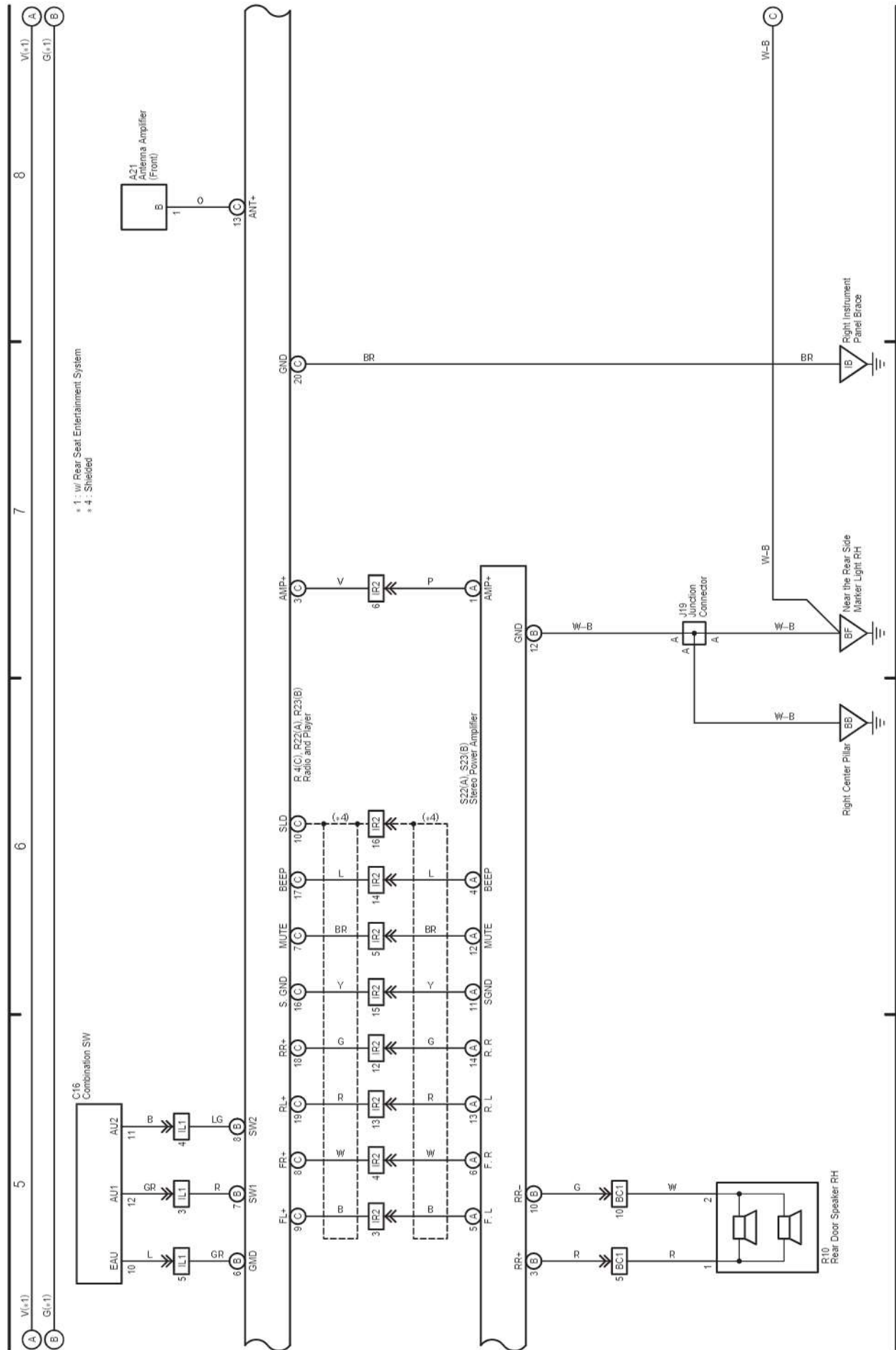
M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

29 HIGHLANDER



Audio System (8 Speaker)

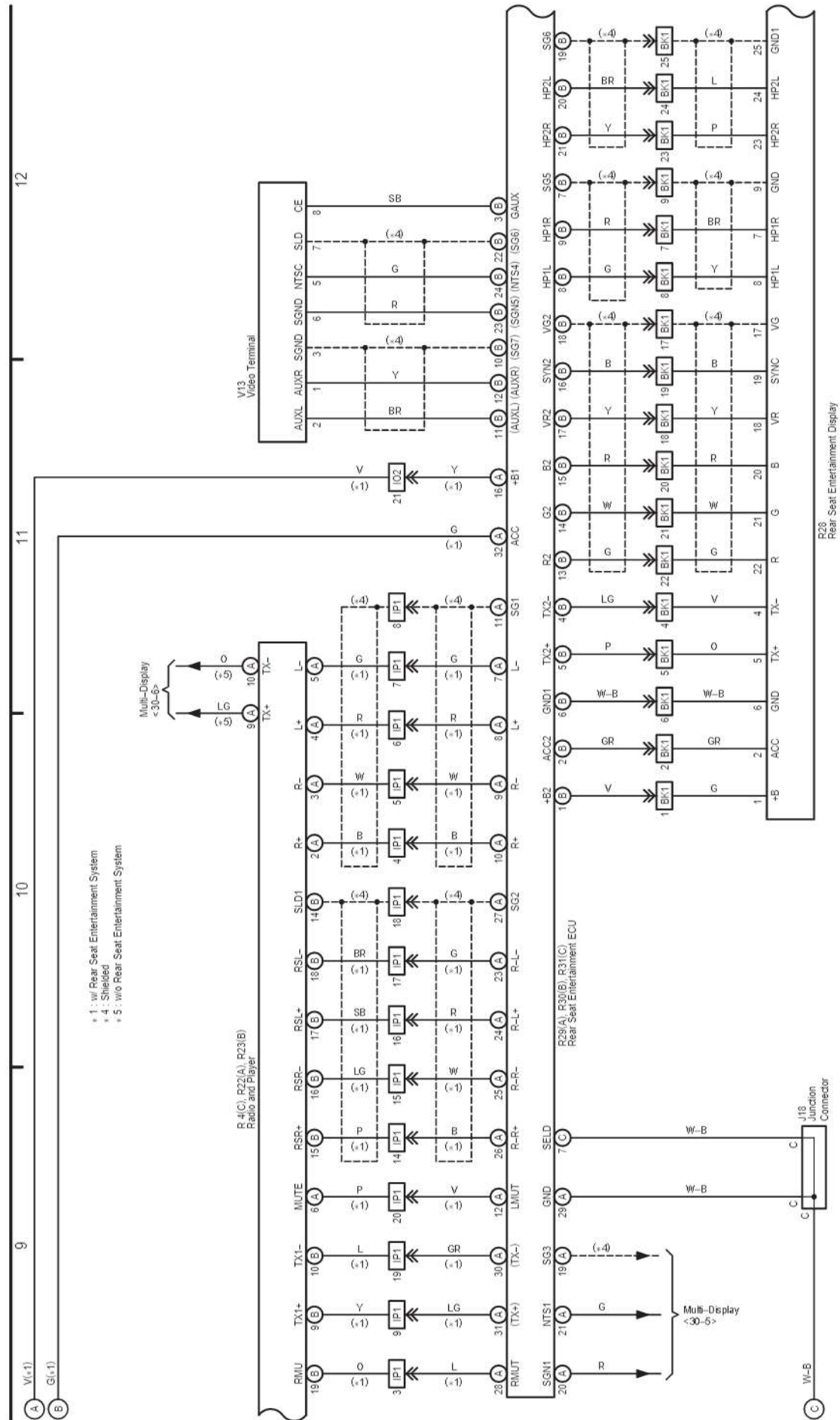


M OVERALL ELECTRICAL WIRING DIAGRAM

29 HIGHLANDER (Cont' d)

(Cont. next page)

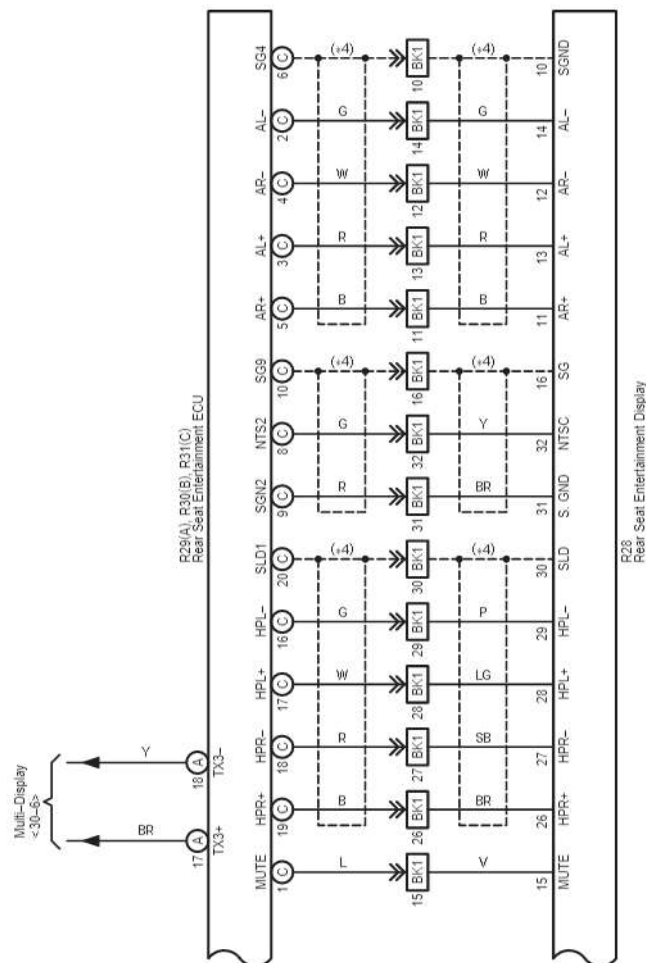
Audio System (8 Speaker)



Audio System (8 Speaker)

13 14 15 16

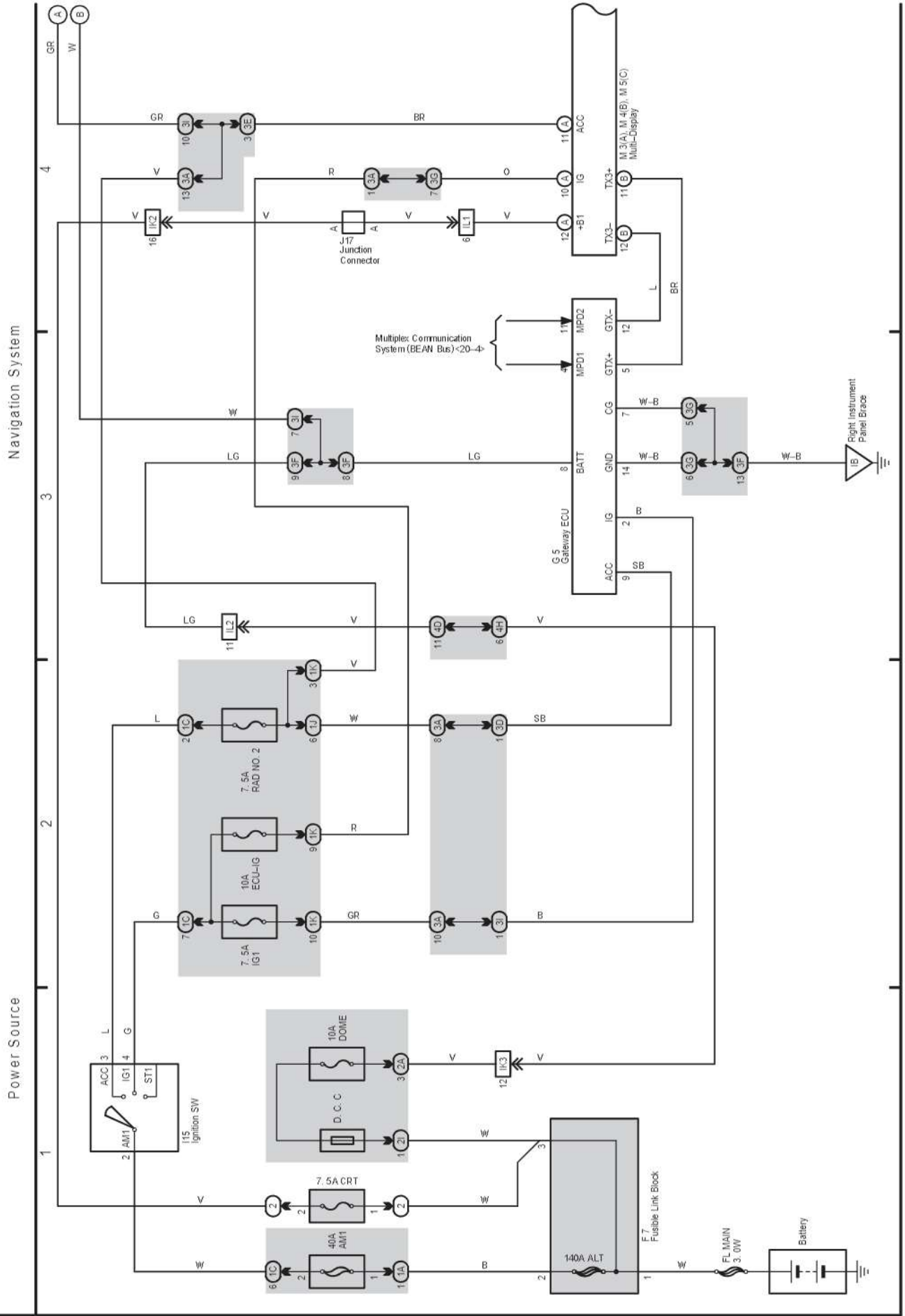
* 4 : Shielded

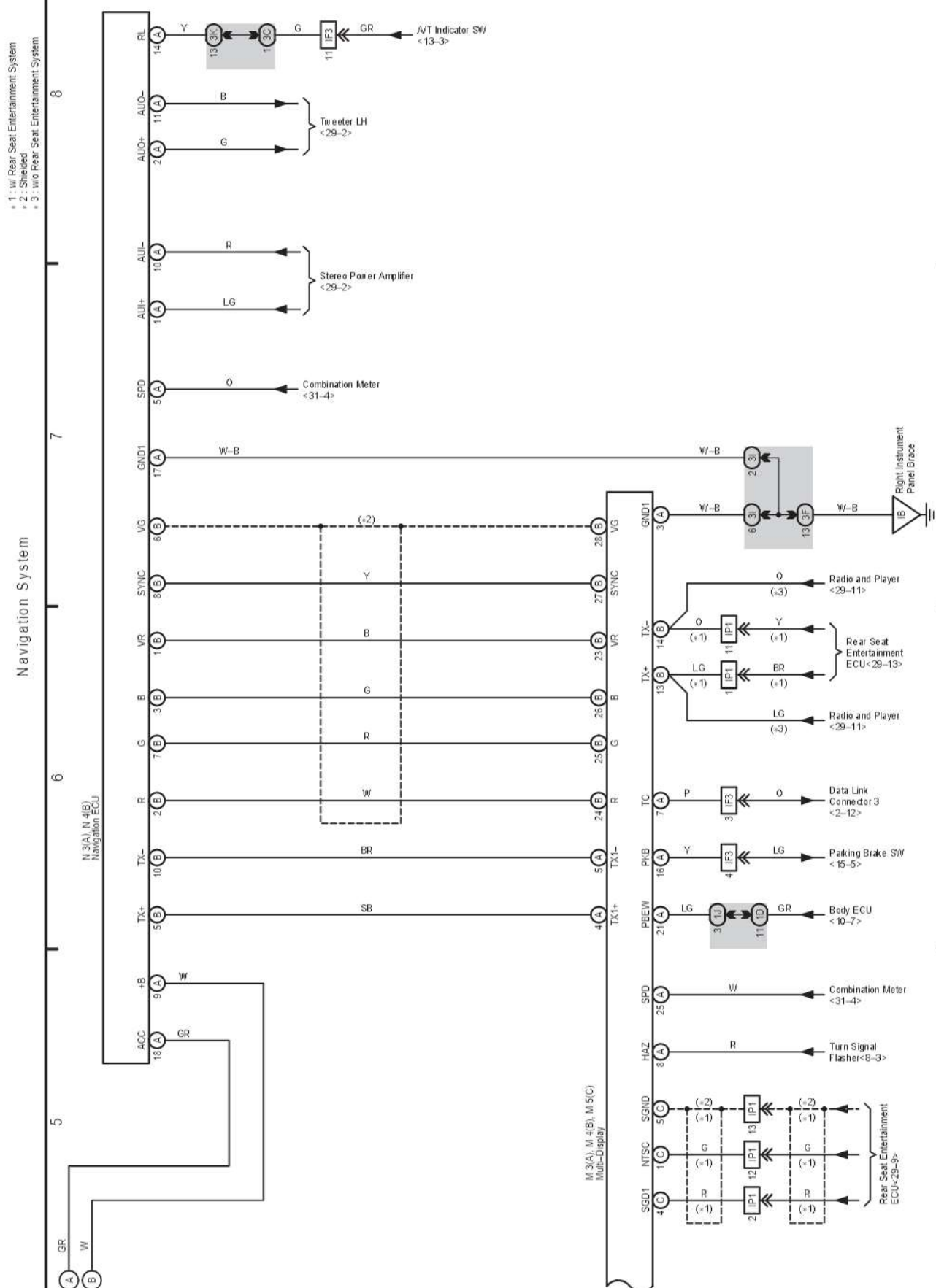


M OVERALL ELECTRICAL WIRING DIAGRAM

30 HIGHLANDER

(Cont. next page)

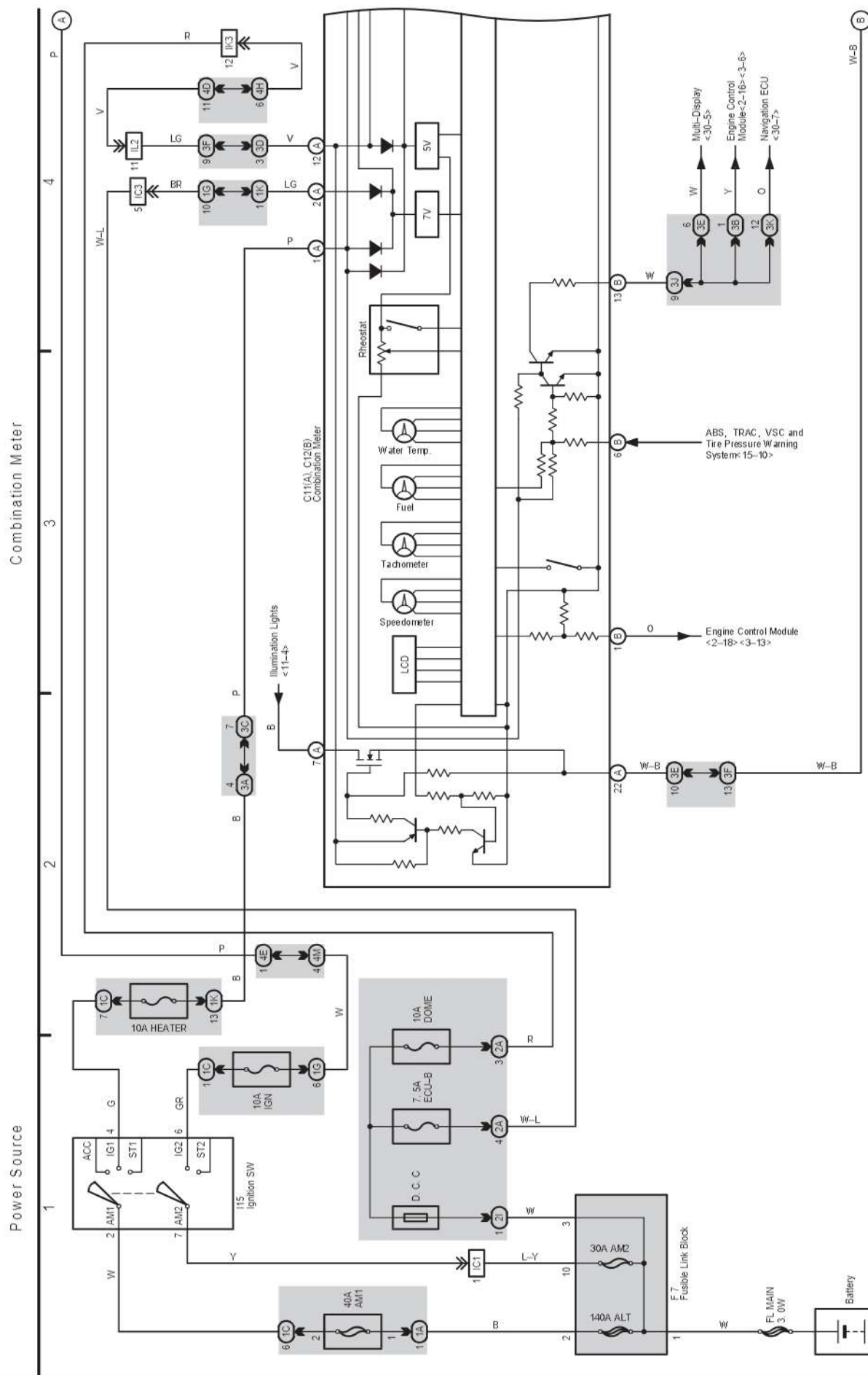




M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

31 HIGHLANDER





M OVERALL ELECTRICAL WIRING DIAGRAM

31 HIGHLANDER (Cont' d)

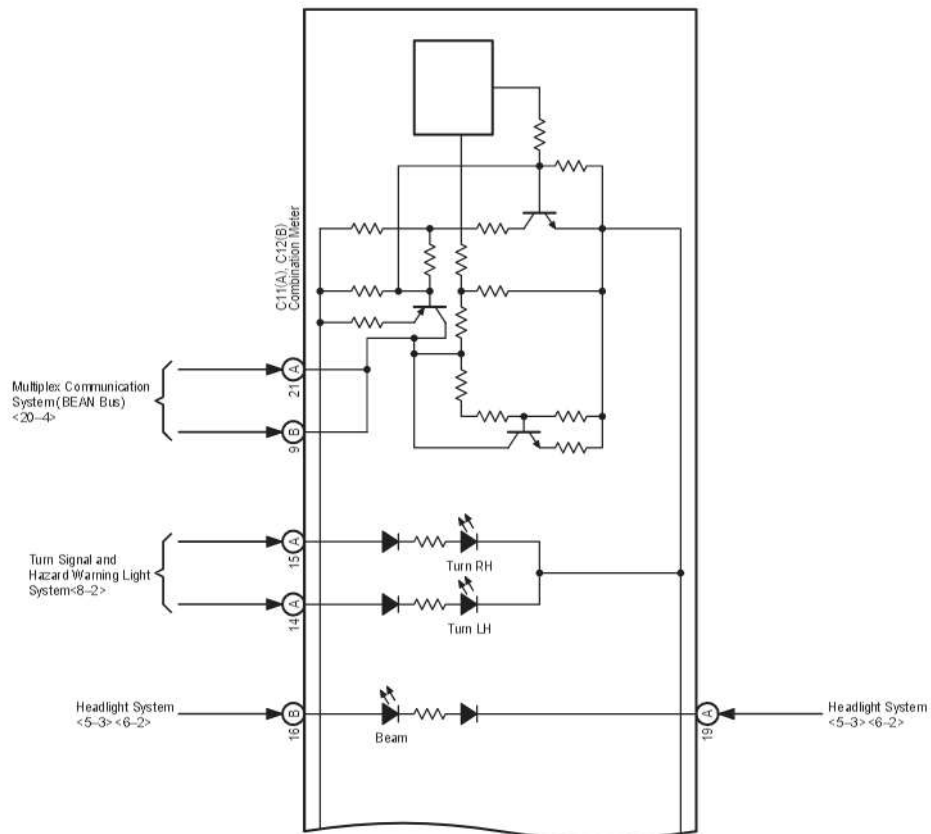
Combination Meter

12

11

10

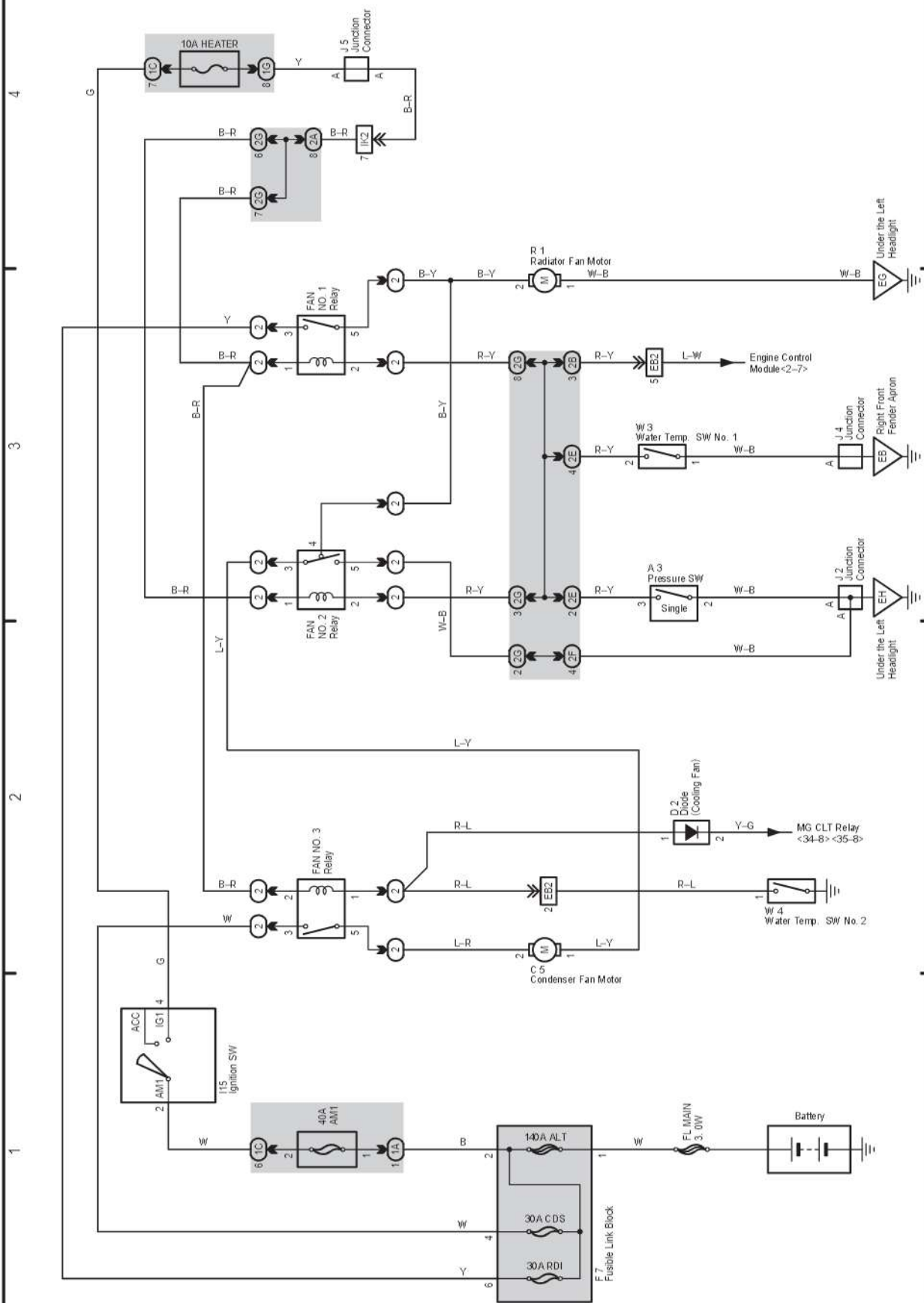
9



HIGHLANDER (EM0120U)

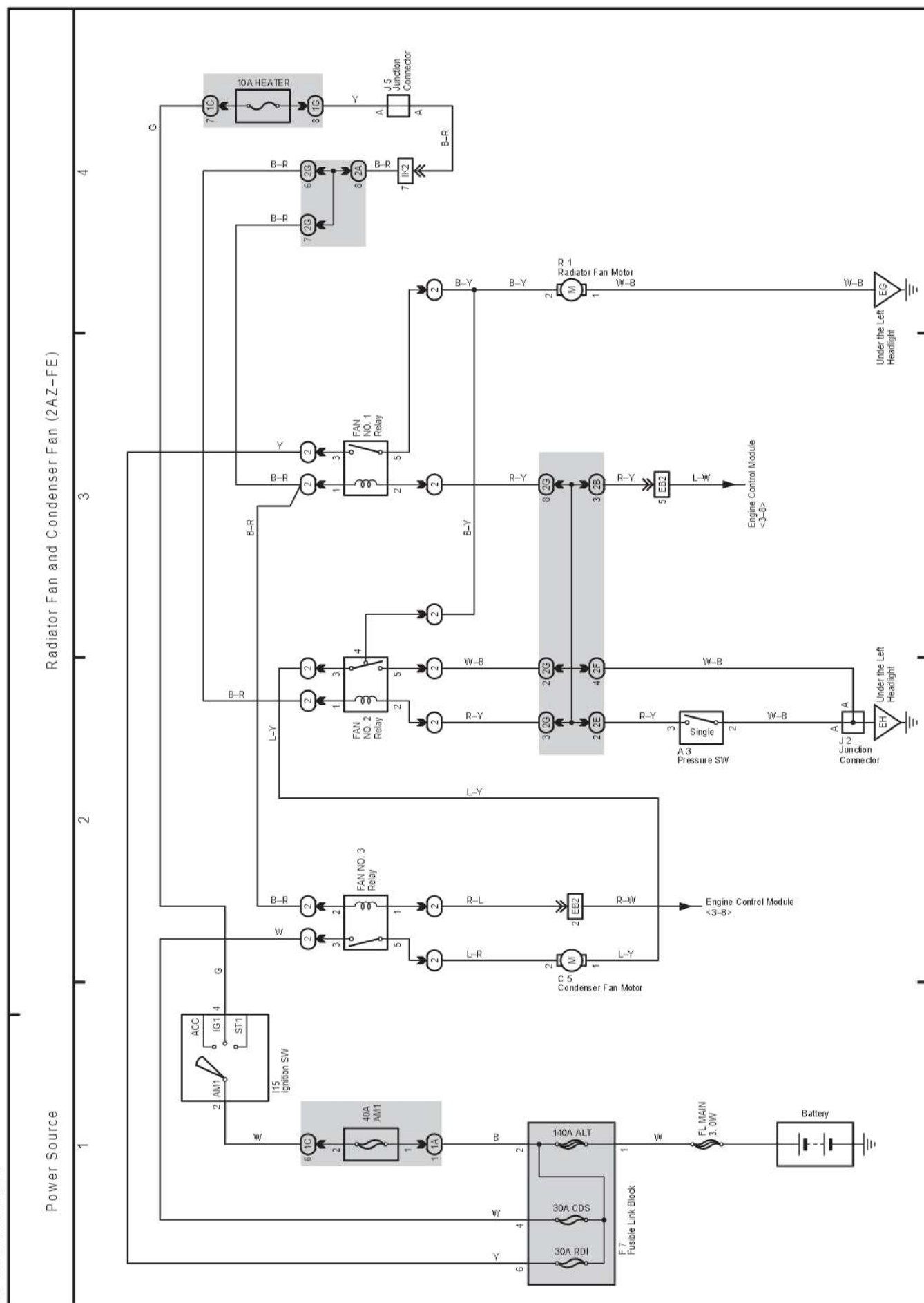
Power Source

Radiator Fan and Condenser Fan (3MZ-FE)

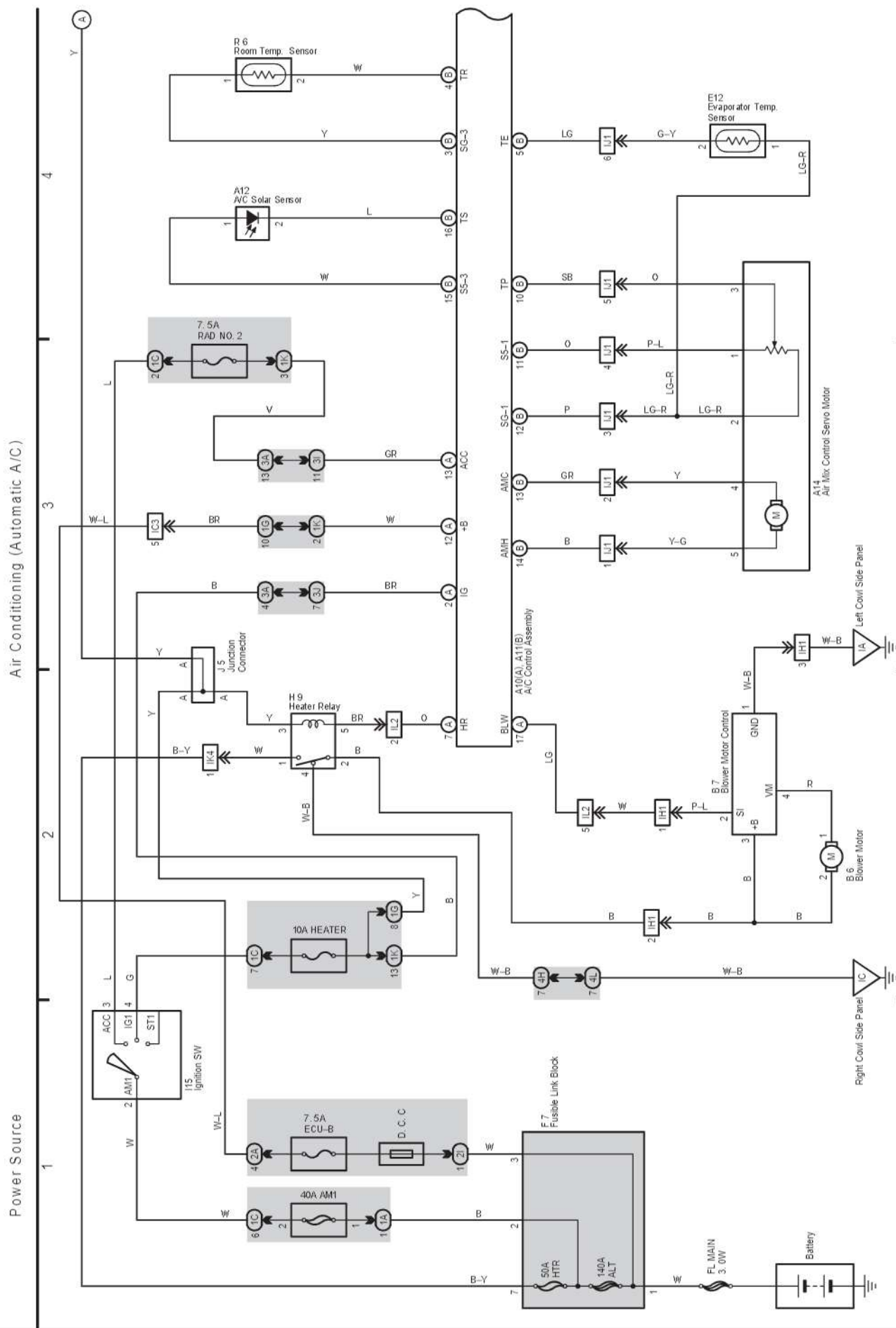


M OVERALL ELECTRICAL WIRING DIAGRAM

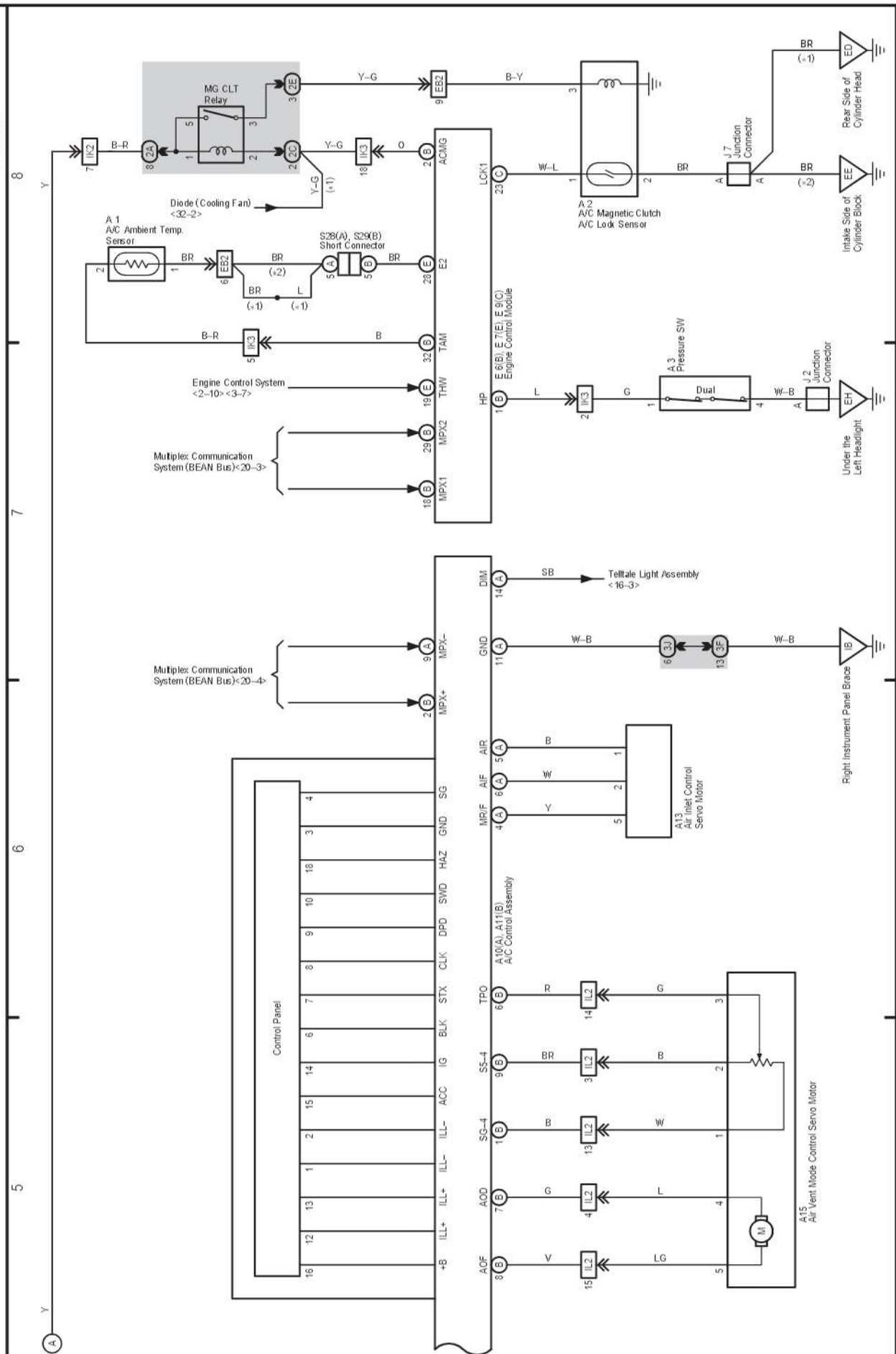
33 HIGHLANDER



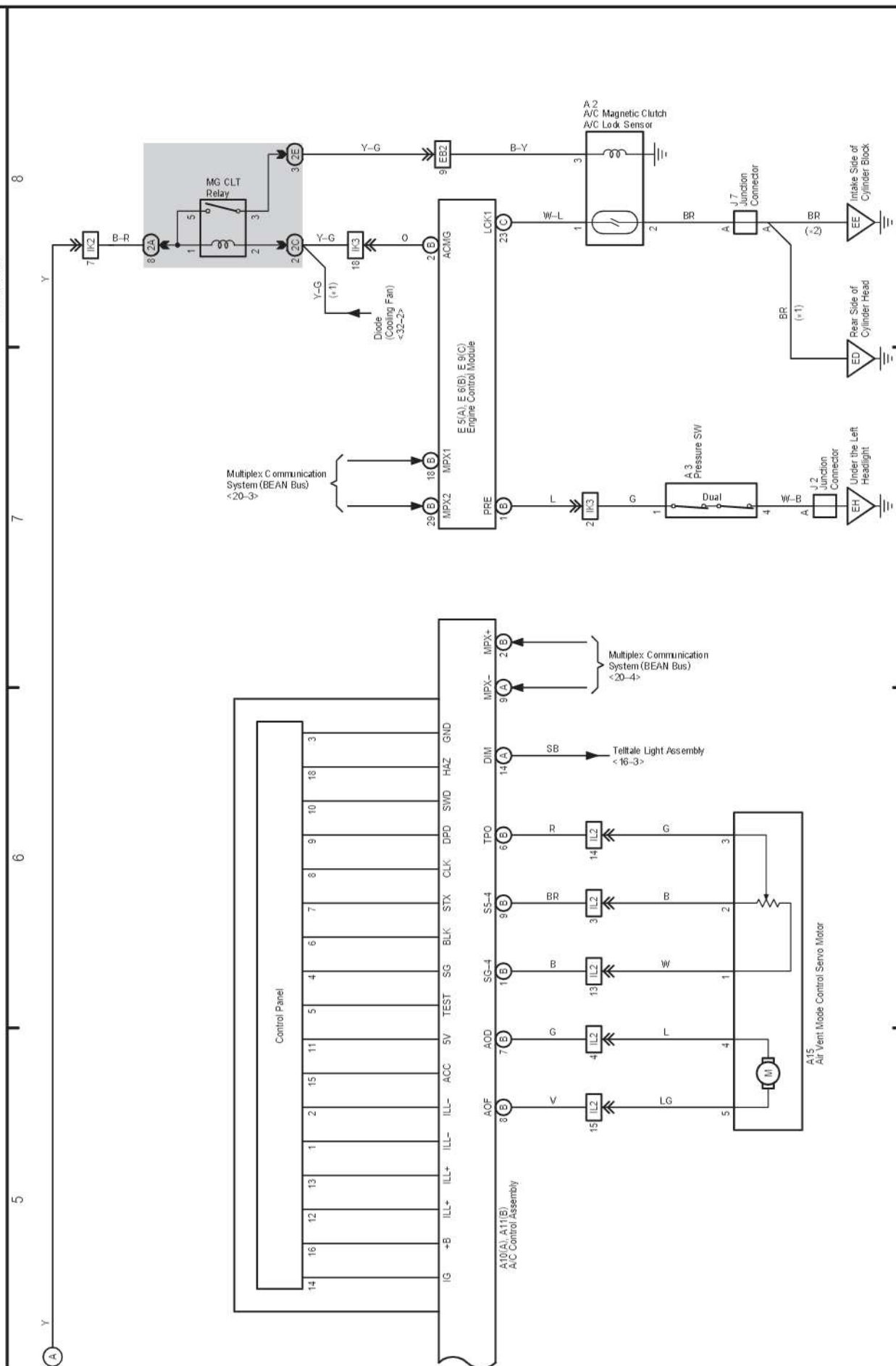
HIGHLANDER (EM0120U)



Air Conditioning (Automatic A/C)

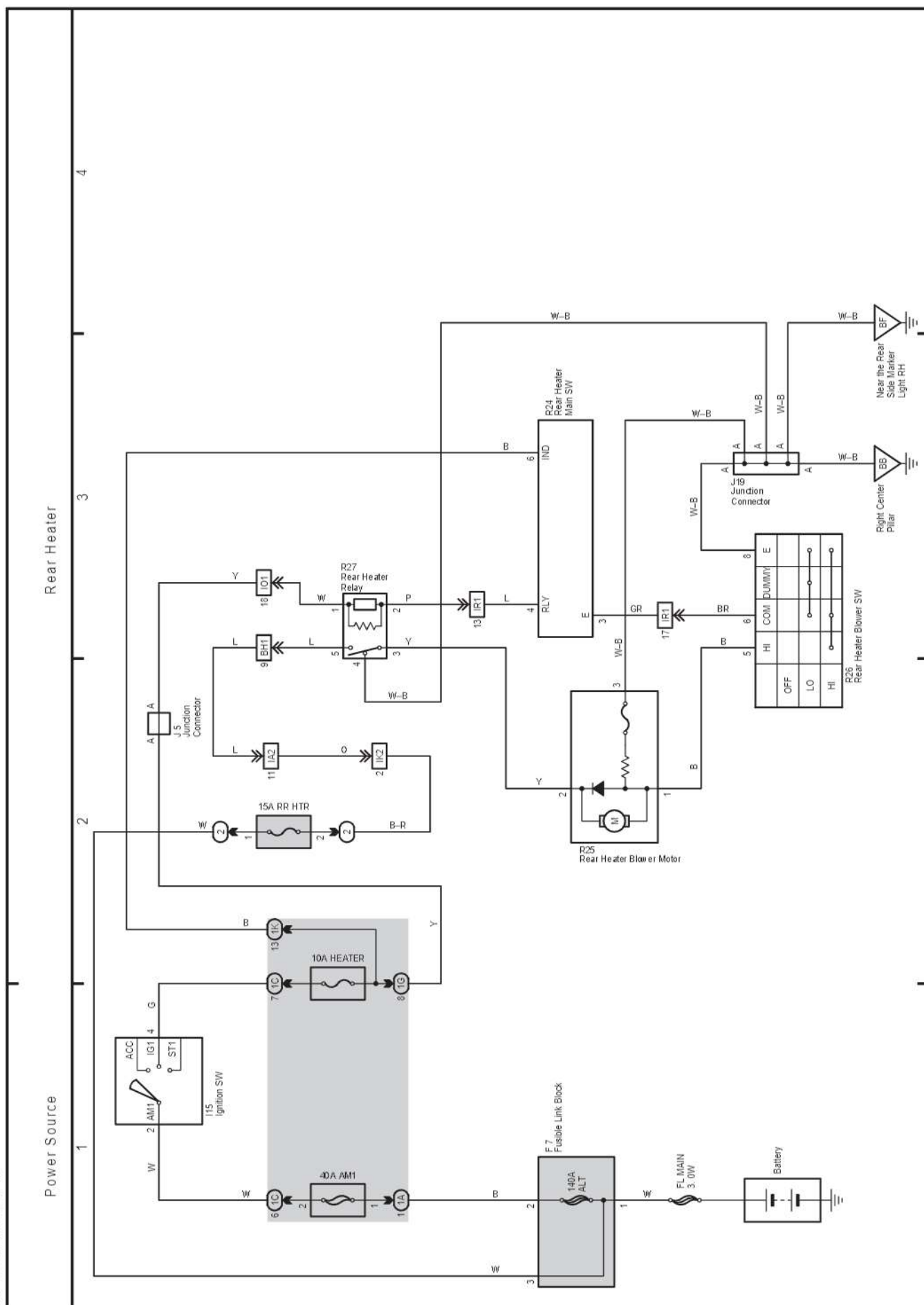






M OVERALL ELECTRICAL WIRING DIAGRAM

36 HIGHLANDER



HIGHLANDER (EM0120U)

