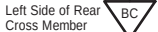


HIGHLANDER Hybrid Vehicle (EWD605U)

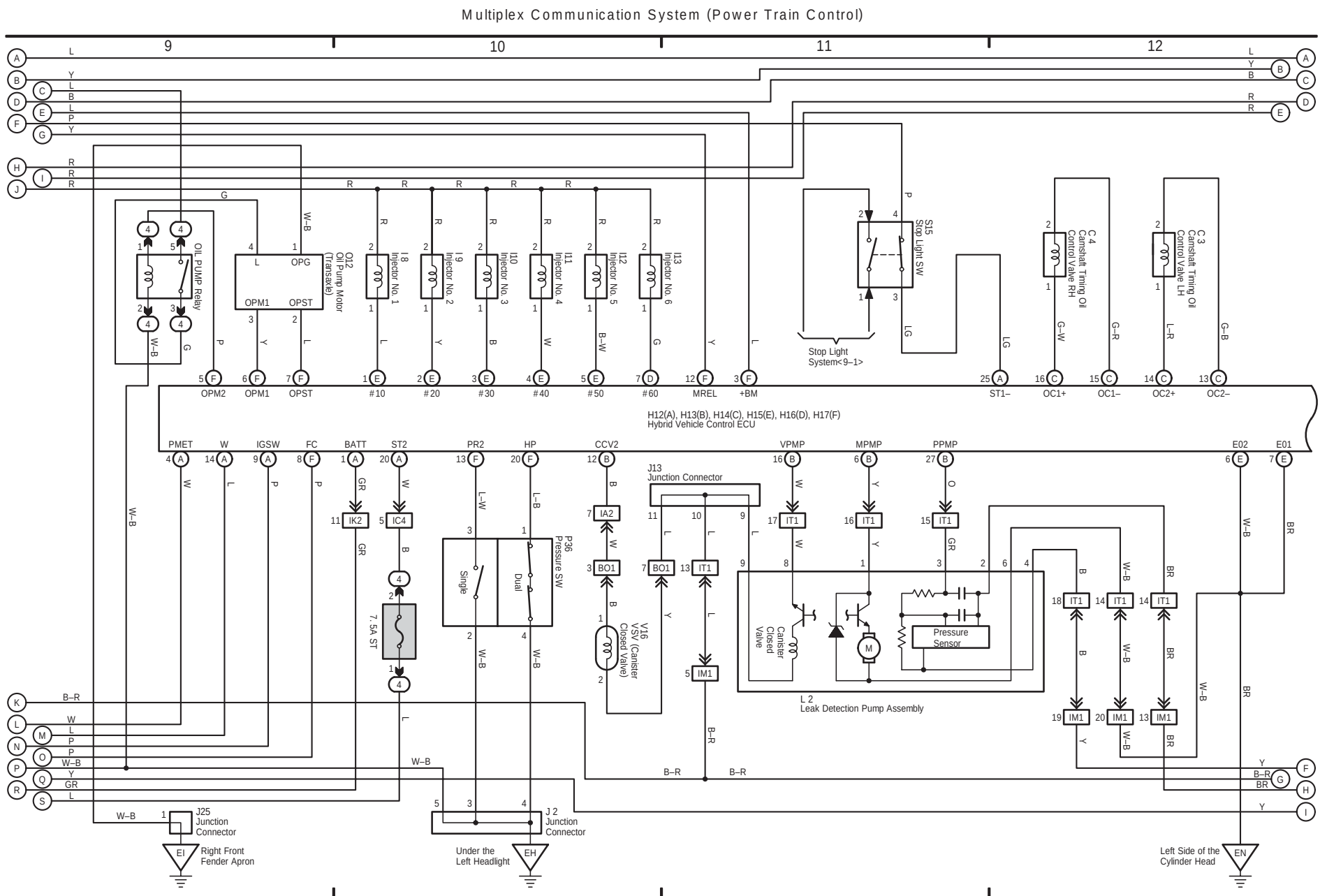




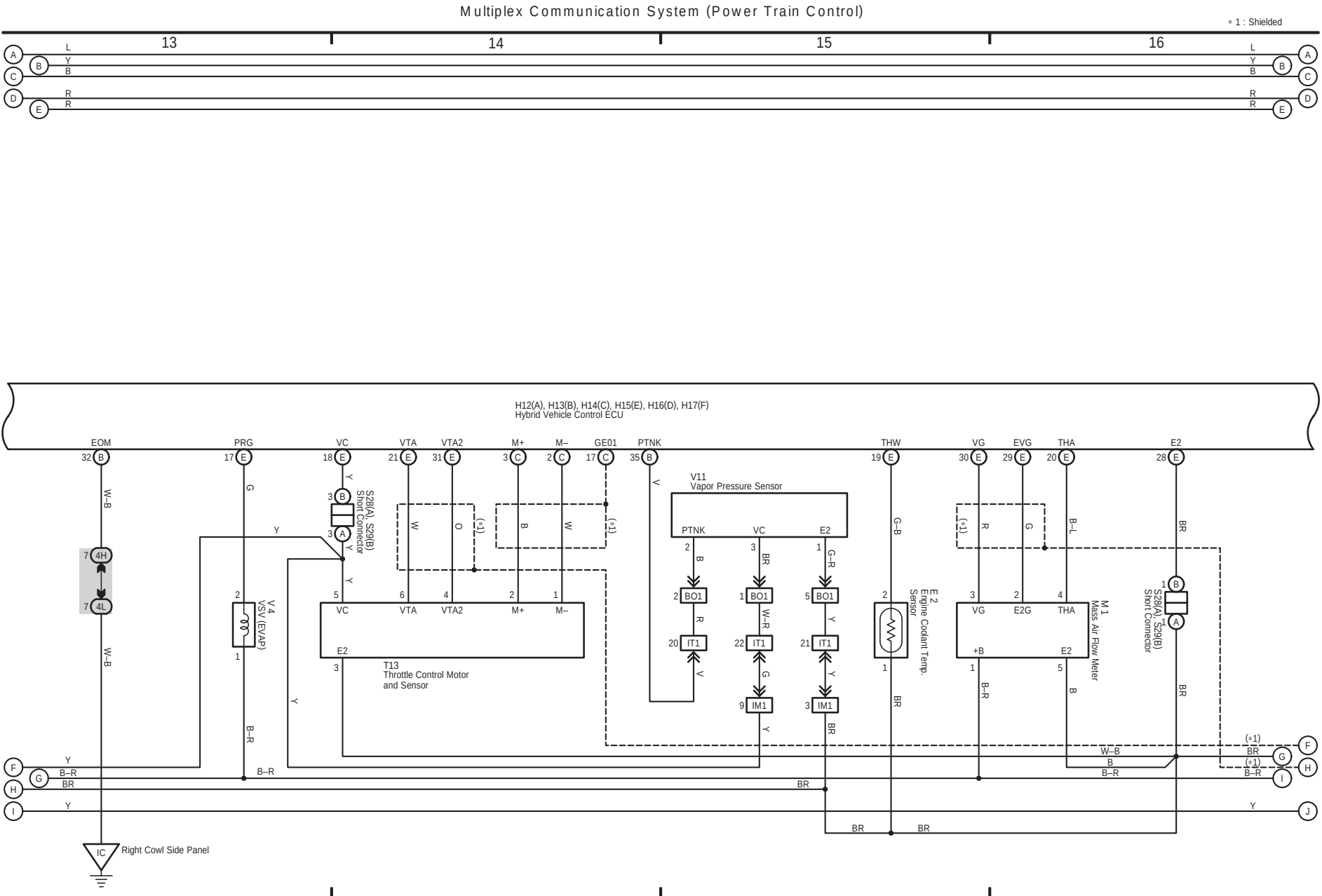


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2 HIGHLANDER Hybrid Vehicle (Cont' d)

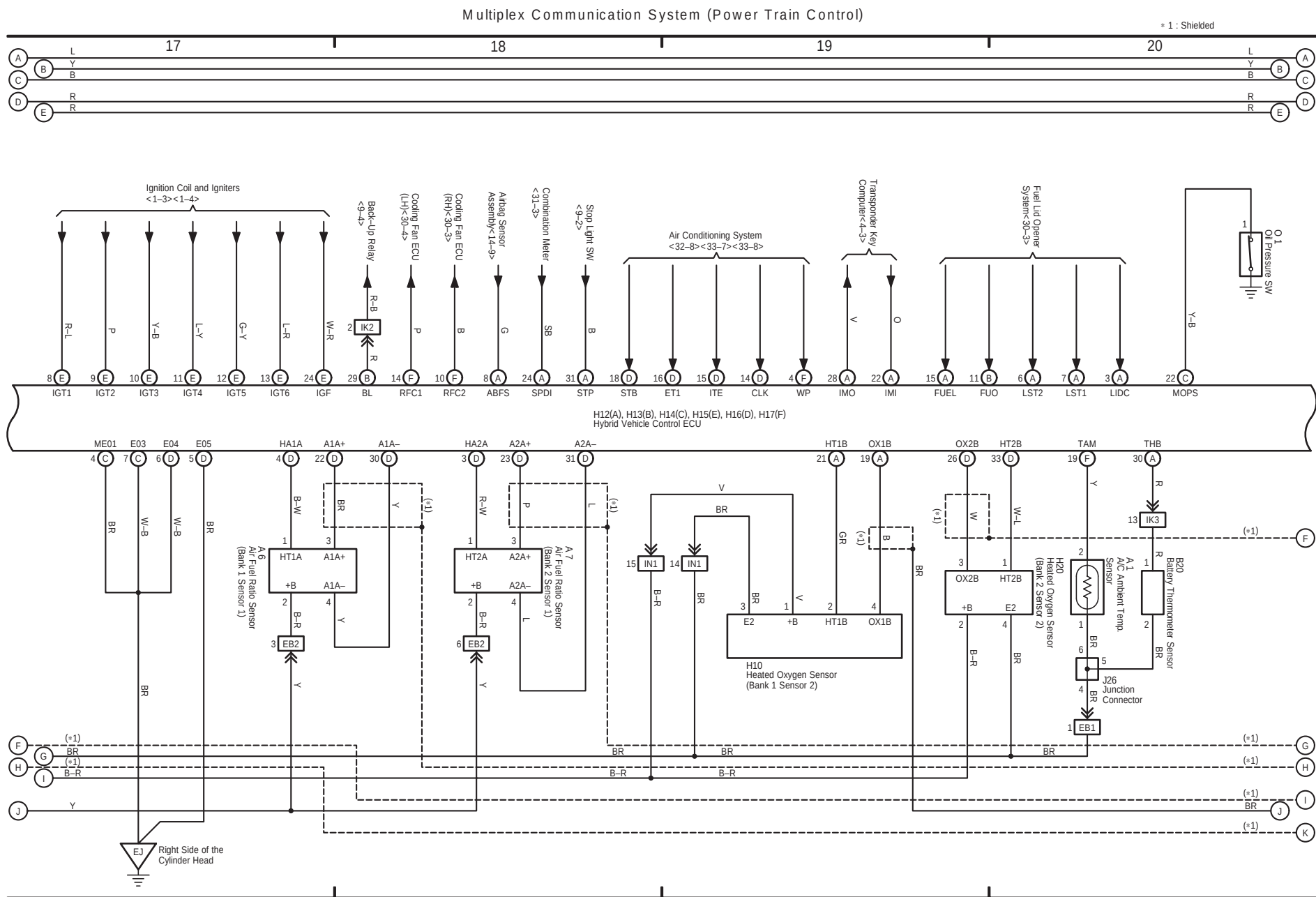


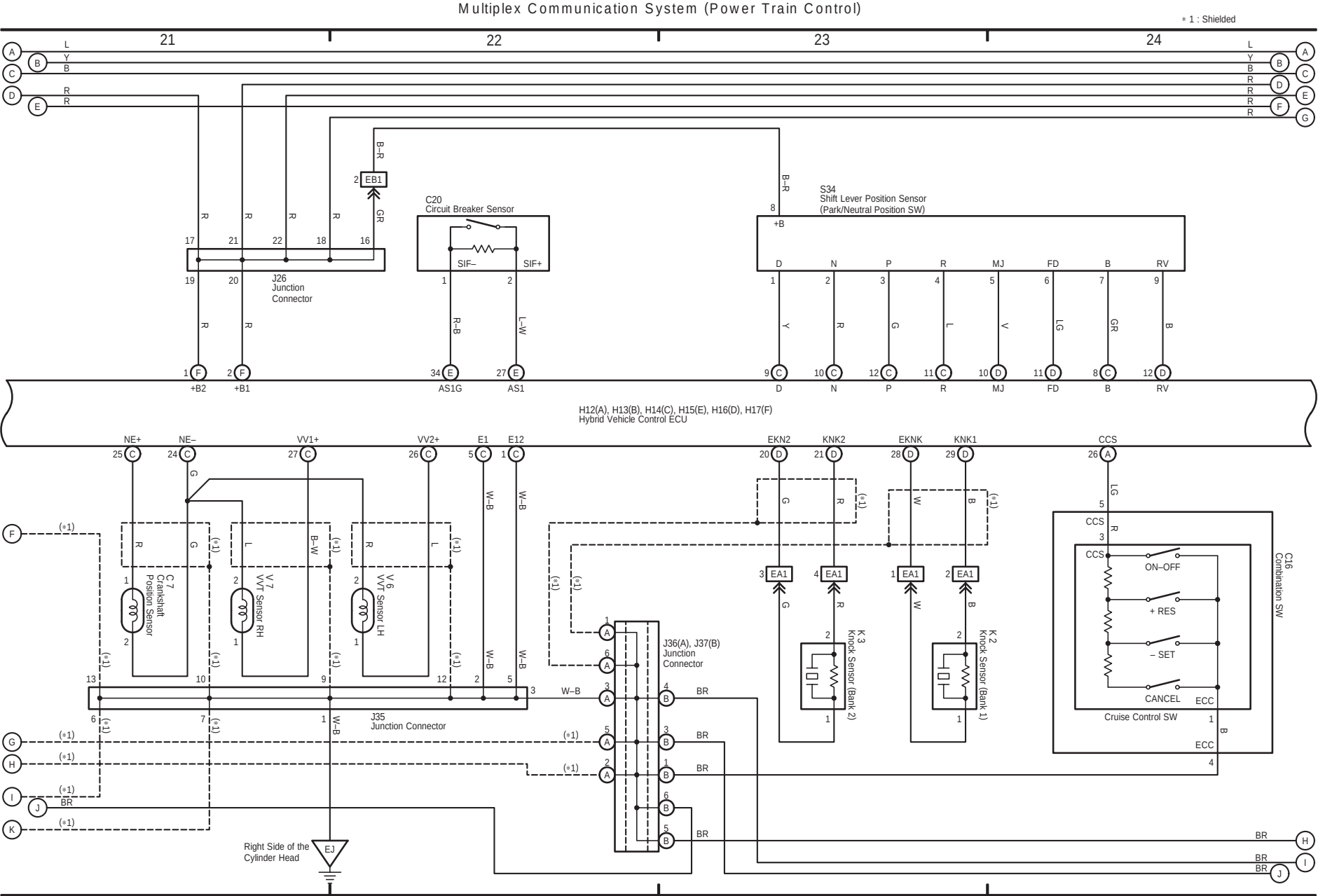
HIGHLANDER Hybrid Vehicle (EWD605U)



2 HIGHLANDER Hybrid Vehicle (Cont' d)

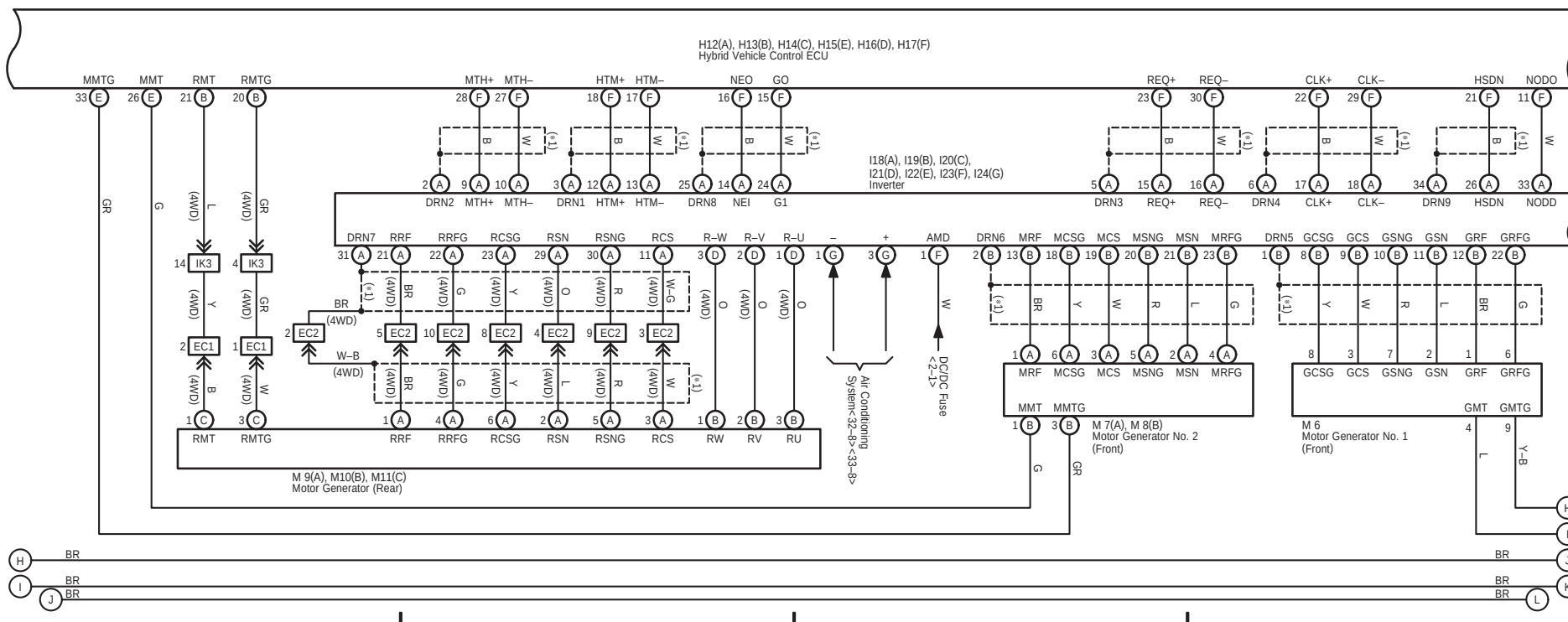
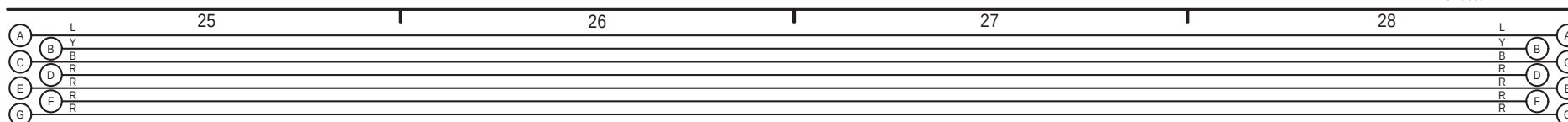
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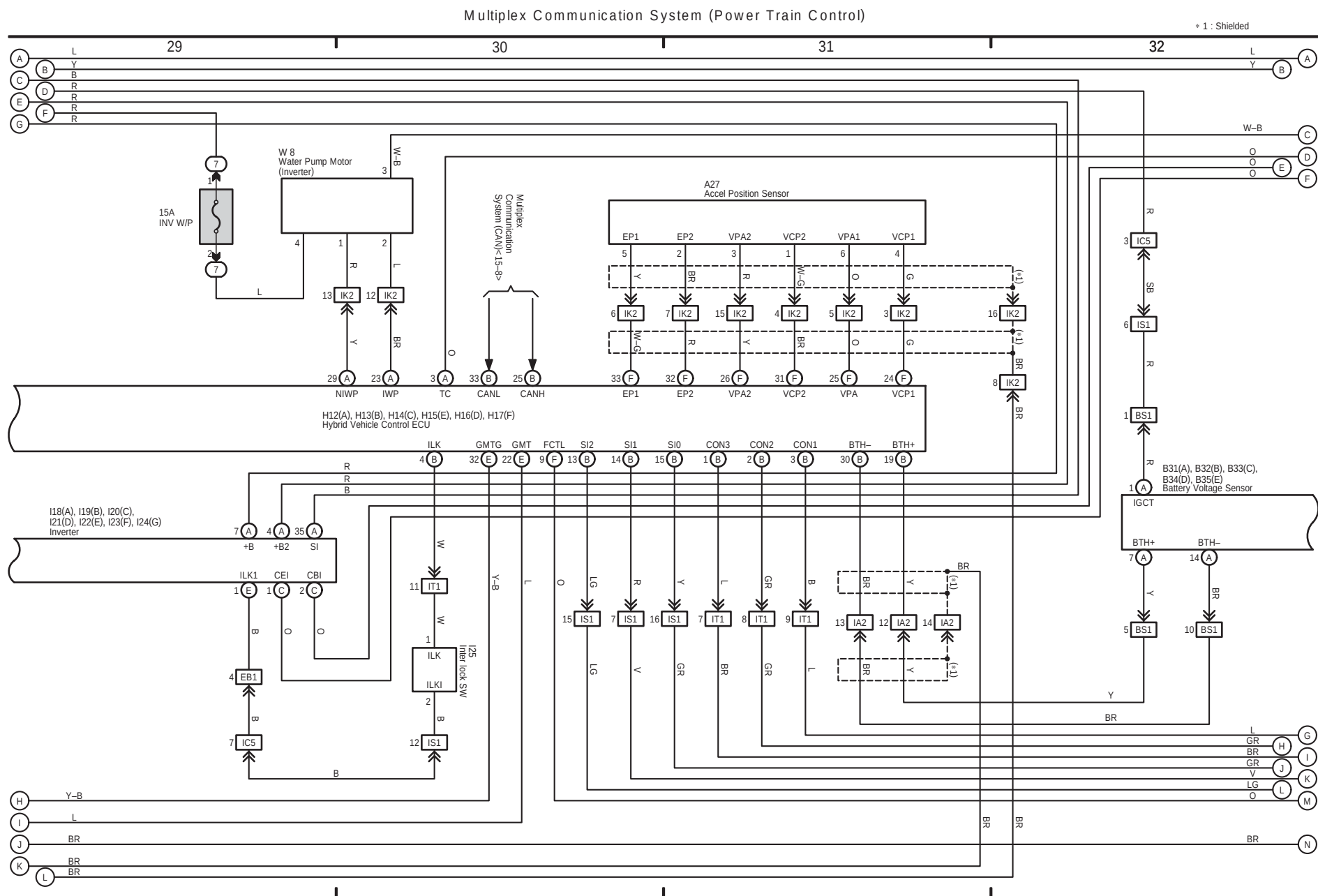


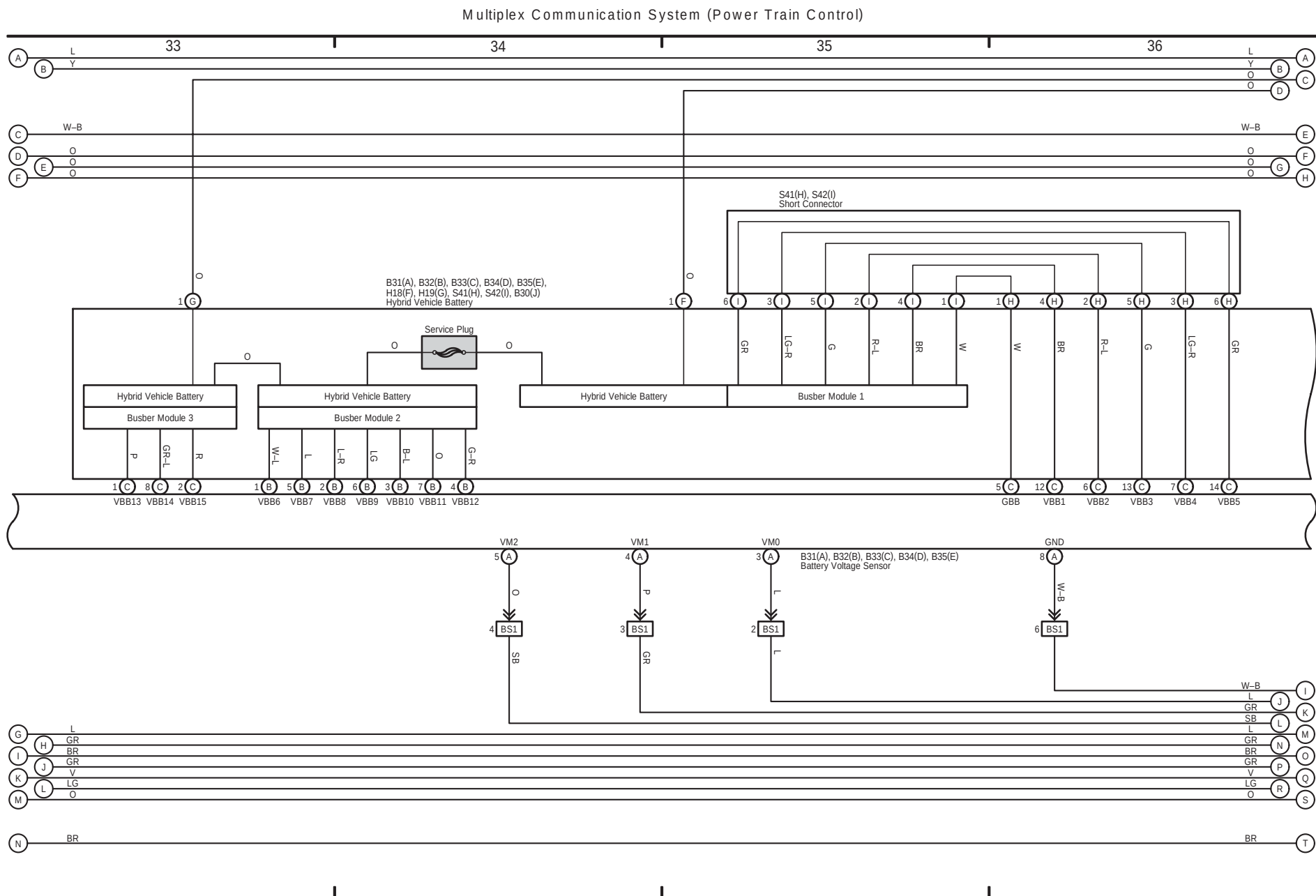


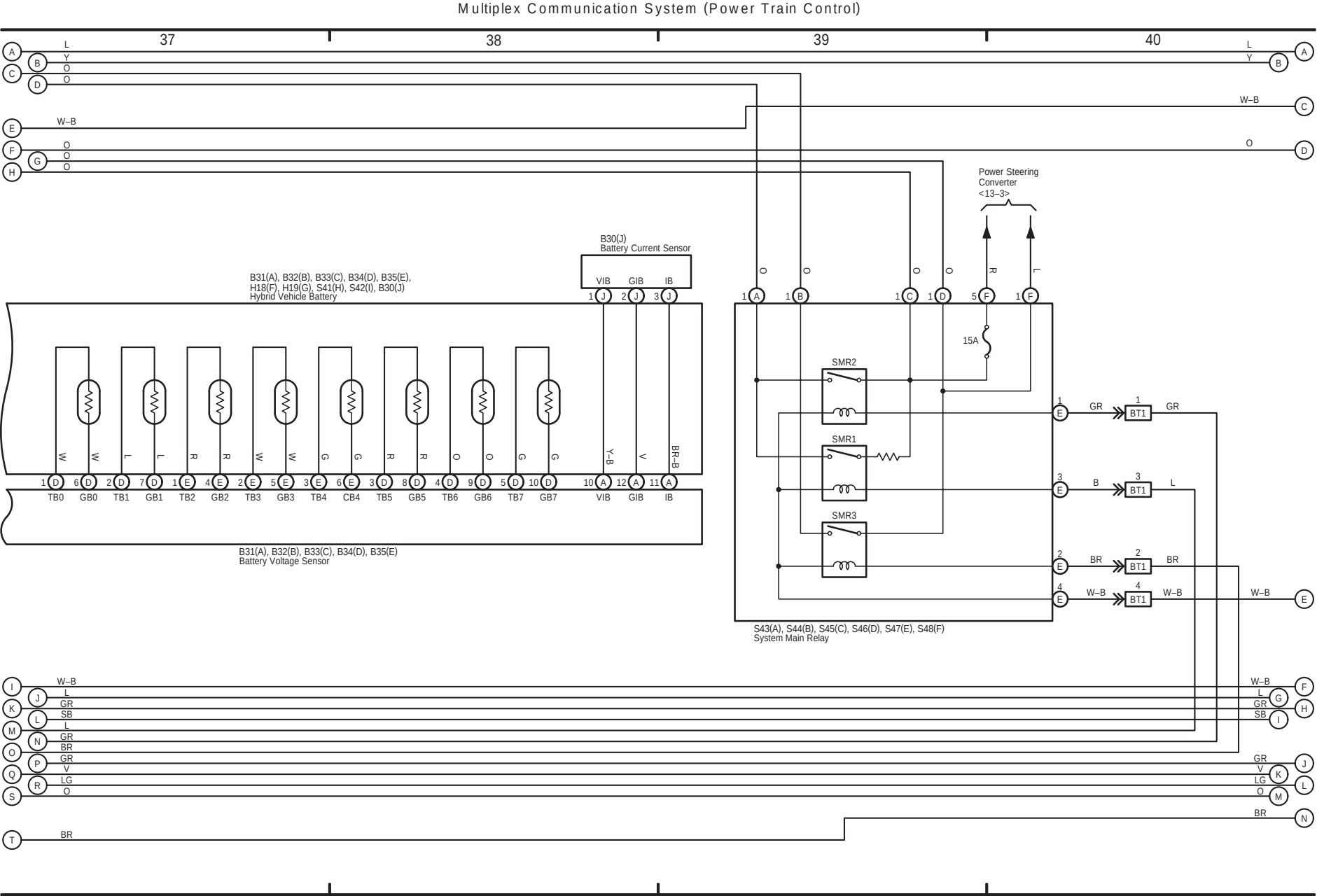
HIGHLANDER Hybrid Vehicle (EWD605U)

* 1 : Shielded



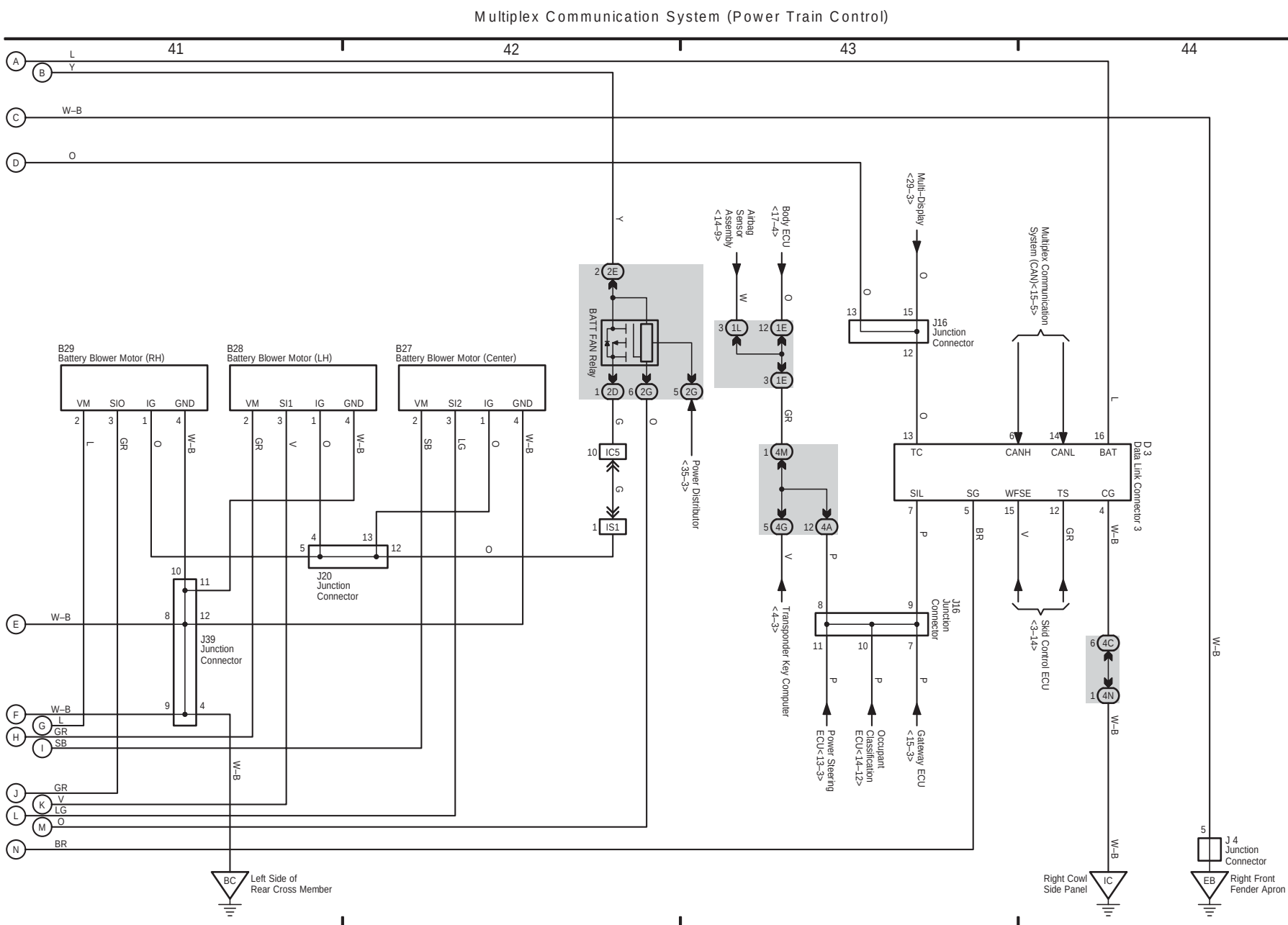






HIGHLANDER Hybrid Vehicle (EWD605U)

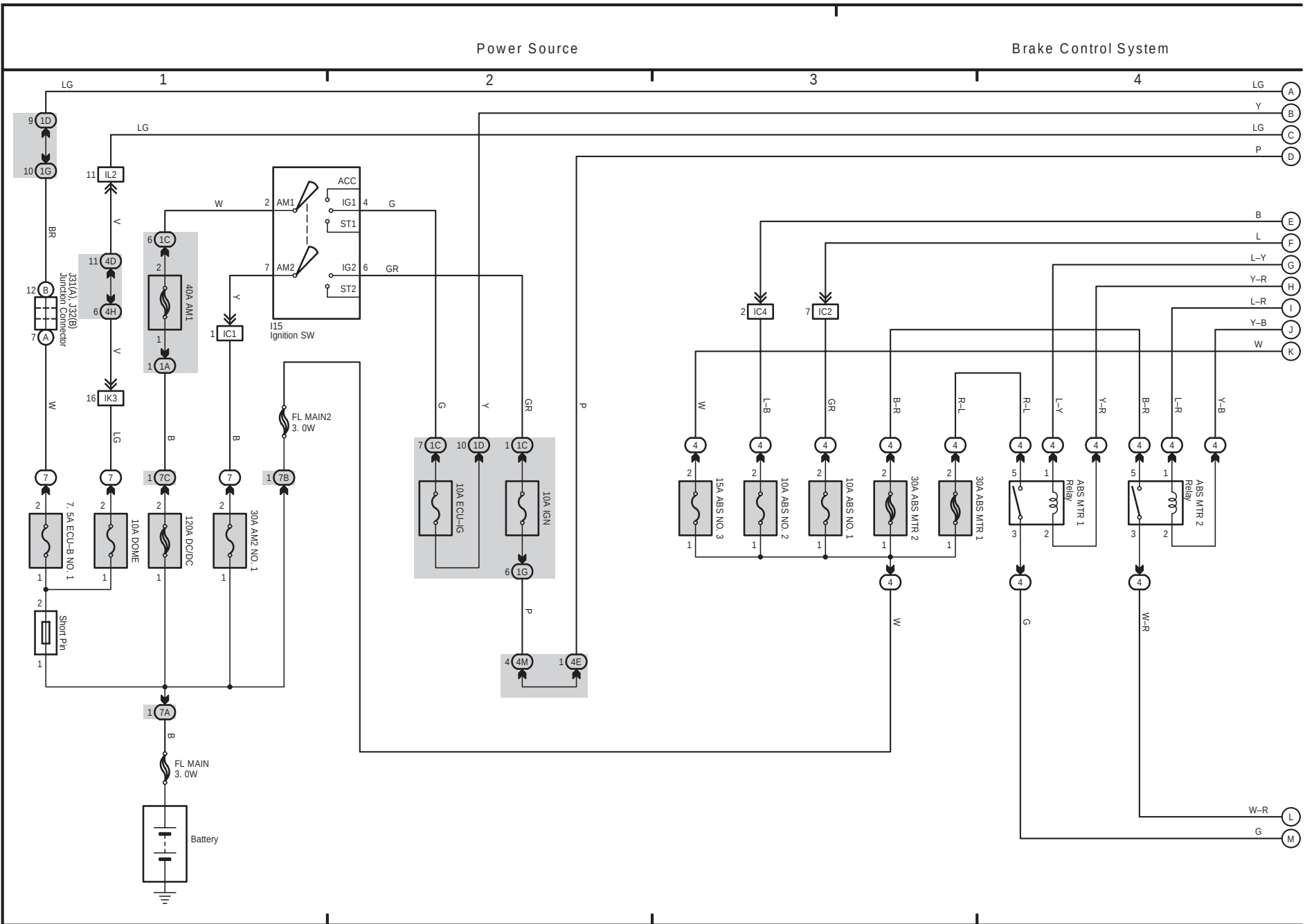
HIGHLANDER Hybrid Vehicle (EWD605U)



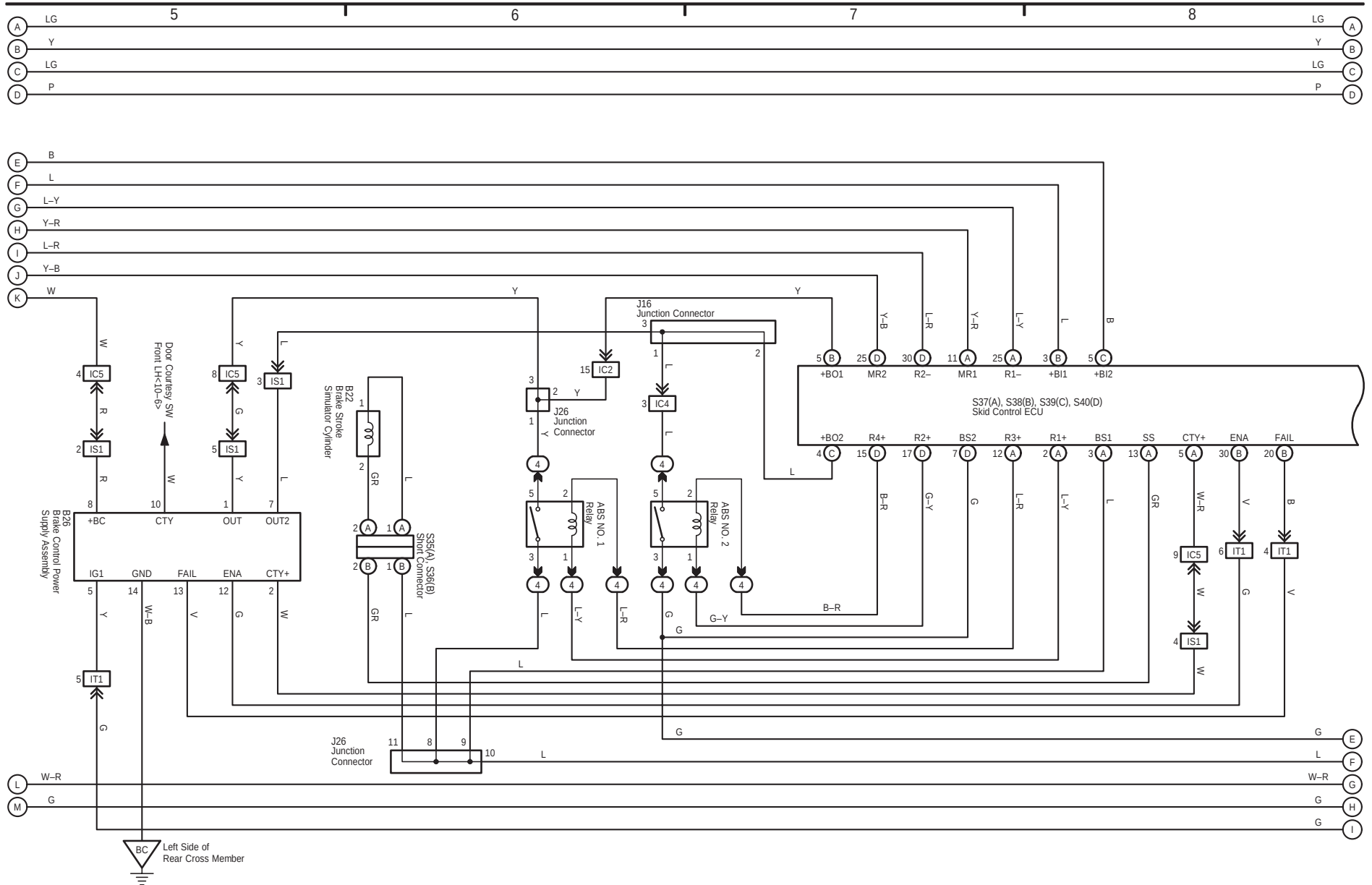
HIGHLANDER Hybrid Vehicle (EWD605U)

3 HIGHLANDER Hybrid Vehicle

(Cont. next page)



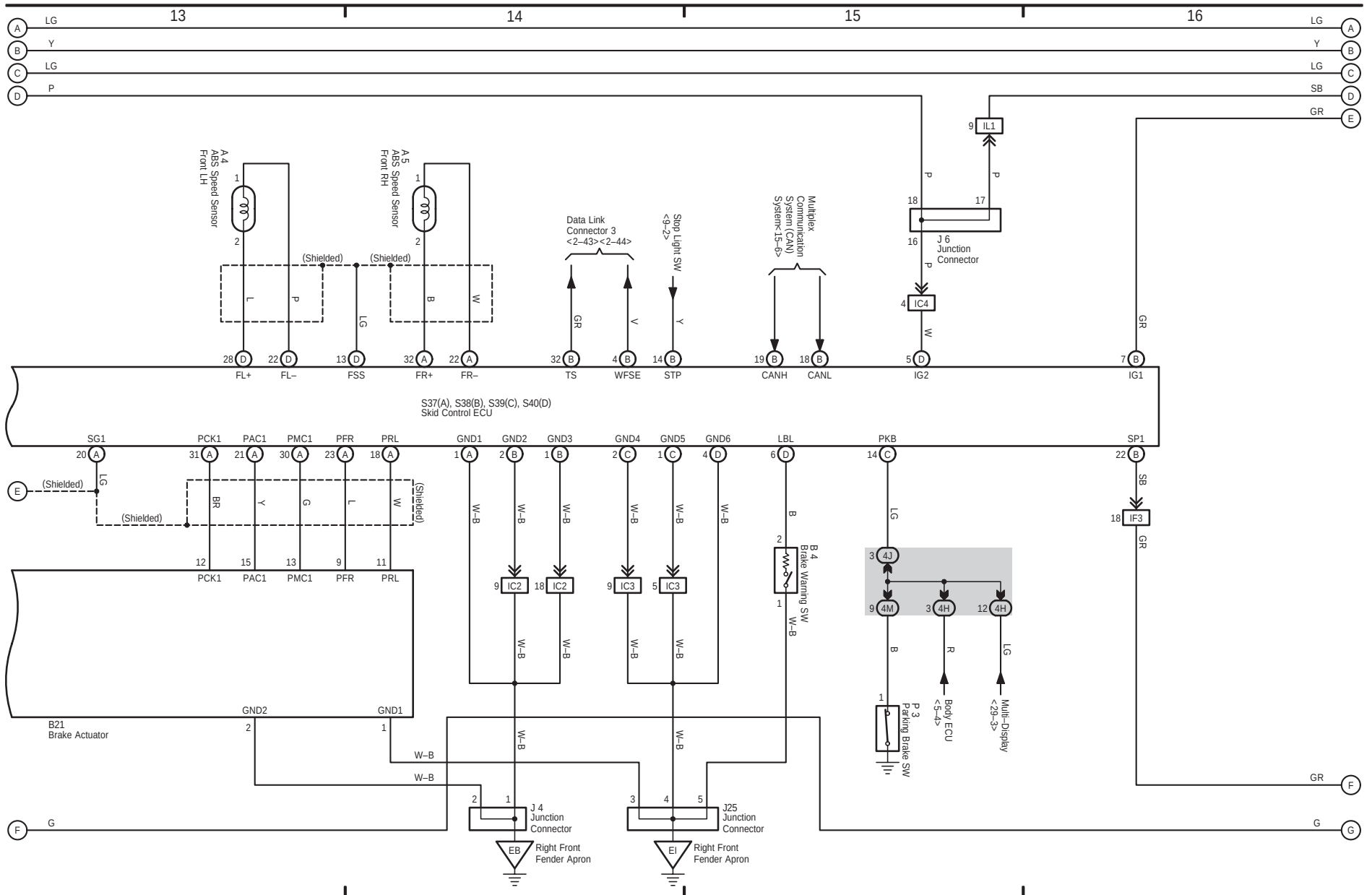
Brake Control System

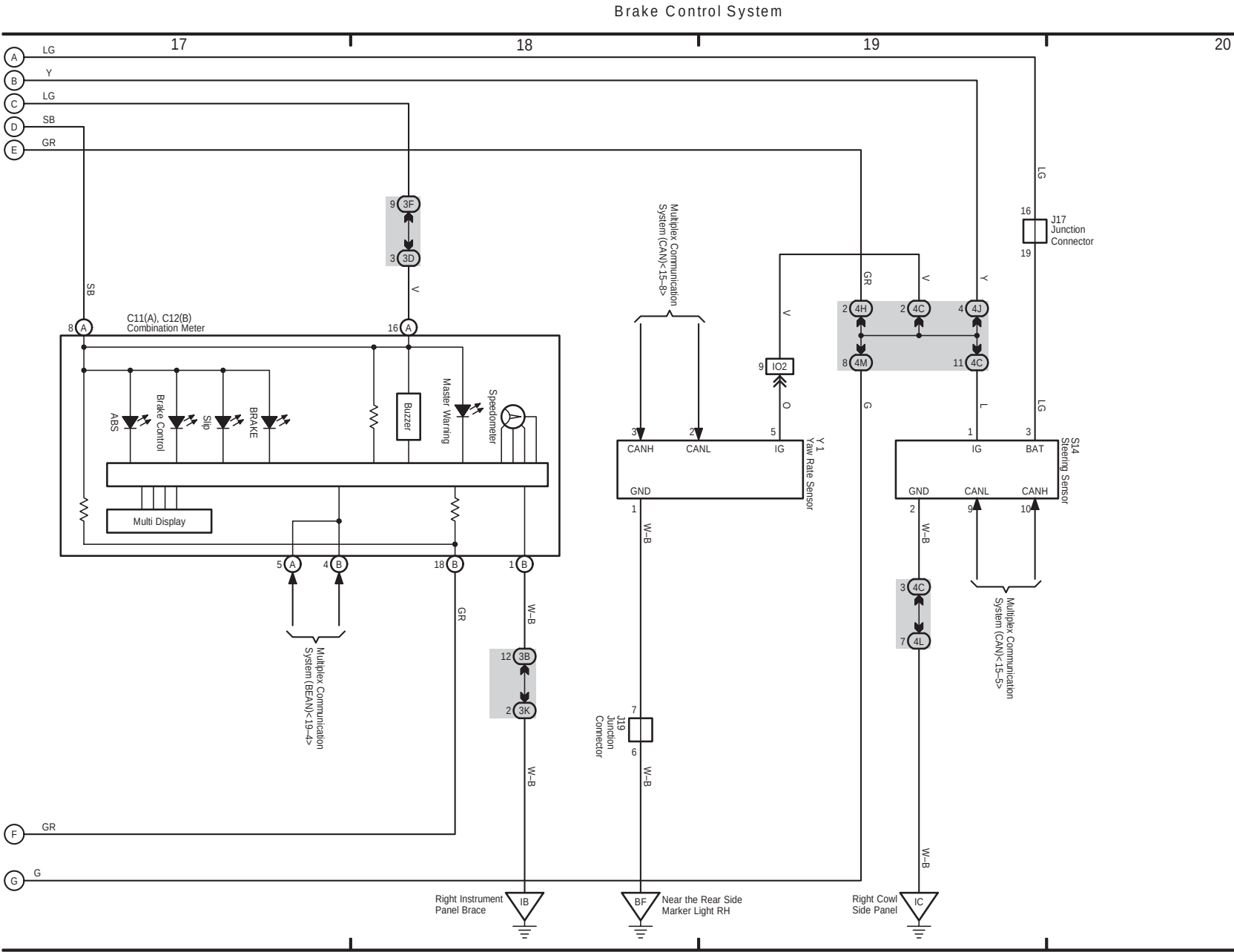


The diagram illustrates the electrical connections for the ABS system. Key components and their connections include:

- Chassis Ground (A, B, C, D):** Connected to LG, Y, LG, and P respectively.
- Engine Ground (E, F, G, H, I):** Connected to G, L, W-R, G, and G respectively.
- B23 Brake Pedal Stroke Sensor:**
 - VCSK (3) to VCSK (6)
 - SKG (1) to SKG (8)
 - SKS1 (4) to SKS (21)
 - SKS2 (2) to SKS2 (22)
 - SGSK (7) to SGSK (7)
- V 8 VSC Warning Buzzer:**
 - BZ (1) to BZ (12)
 - VBZ (2) to VBZ (33)
- A24(A), (B) ABS Speed Sensor Rear LH:**
 - W (2WD) to W (2WD)
 - B (2WD) to B (2WD)
 - 1 (4WD) to 1 (4WD)
 - 2 (4WD) to 2 (4WD)
 - 3 (4WD) to 3 (4WD)
 - 4 (4WD) to 4 (4WD)
 - 5 (4WD) to 5 (4WD)
 - 6 (4WD) to 6 (4WD)
 - 7 (4WD) to 7 (4WD)
 - 8 (4WD) to 8 (4WD)
 - 9 (4WD) to 9 (4WD)
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 - 13 (4WD) to 13 (4WD)
 - 14 (4WD) to 14 (4WD)
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 - 39 (4WD) to 39 (4WD)
 - 40 (4WD) to 40 (4WD)
 - 41 (4WD) to 41 (4WD)
 - 42 (4WD) to 42 (4WD)
 - 43 (4WD) to 43 (4WD)
 - 44 (4WD) to 44 (4WD)
 - 45 (4WD) to 45 (4WD)
 - 46 (4WD) to 46 (4WD)
 - 47 (4WD) to 47 (4WD)
 - 48 (4WD) to 48 (4WD)
 - 49 (4WD) to 49 (4WD)
 - 50 (4WD) to 50 (4WD)
- A25(A), (B) ABS Speed Sensor Rear RH:**
 - W (2WD) to W (2WD)
 - B (2WD) to B (2WD)
 - 1 (4WD) to 1 (4WD)
 - 2 (4WD) to 2 (4WD)
 - 3 (4WD) to 3 (4WD)
 - 4 (4WD) to 4 (4WD)
 - 5 (4WD) to 5 (4WD)
 - 6 (4WD) to 6 (4WD)
 - 7 (4WD) to 7 (4WD)
 - 8 (4WD) to 8 (4WD)
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 - 28 (4WD) to 28 (4WD)
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 - 42 (4WD) to 42 (4WD)
 - 43 (4WD) to 43 (4WD)
 - 44 (4WD) to 44 (4WD)
 - 45 (4WD) to 45 (4WD)
 - 46 (4WD) to 46 (4WD)
 - 47 (4WD) to 47 (4WD)
 - 48 (4WD) to 48 (4WD)
 - 49 (4WD) to 49 (4WD)
 - 50 (4WD) to 50 (4WD)
- S37(A), S38(B), S39(C), S40(D) Skid Control ECU:**
 - MTT (29) to MTT (3)
 - FRA+ (7) to FRA+ (44)
 - FRA- (6) to FRA- (43)
 - FRR+ (17) to FRR+ (28)
 - FRR- (34) to FRR- (27)
 - FLA+ (1) to FLA+ (35)
 - FLA- (2) to FLA- (38)
 - FLR+ (8) to FLR+ (21)
 - FLR- (26) to FLR- (22)
 - RRA+ (19) to RRA+ (39)
 - RRA- (9) to RRA- (40)
 - RRR+ (20) to RRR+ (23)
 - RRR- (18) to RRR- (24)
 - RLA+ (15) to RLA+ (41)
 - RLA- (27) to RLA- (42)
 - RLR+ (16) to RLR+ (25)
 - RLR- (26) to RLR- (26)
 - SMC1 (4) to SMC1 (37)
 - SMC2 (3) to SMC2 (19)
 - PCK2 (21) to PCK2 (7)
 - VCM2 (14) to VCM2 (5)
 - PMC2 (27) to PMC2 (8)
 - PFL (23) to PFL (4)
 - PRR (31) to PRR (6)
 - E2 (29) to E2 (16)
 - SG2 (12) to SG2 (12)
 - VCM (9) to VCM (10)
 - E (8) to E (14)
- B21 Brake Actuator:**
 - BS2 (20) to BS2 (20)
 - BS1 (36) to BS1 (36)
 - BM2 (32) to BM2 (32)
 - BM1 (31) to BM1 (31)

Brake Control System



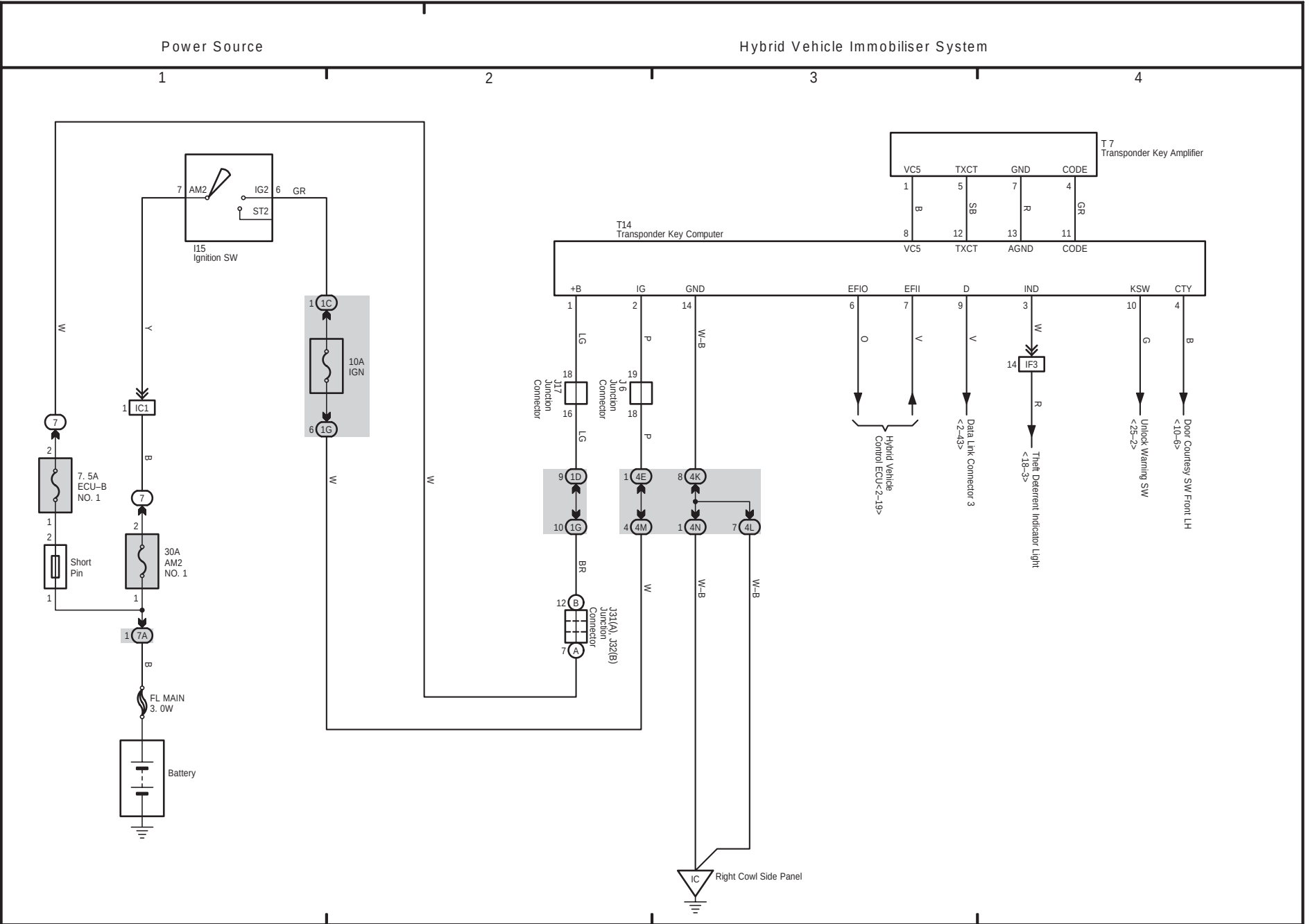


3 HIGHLANDER Hybrid Vehicle (Cont' d)

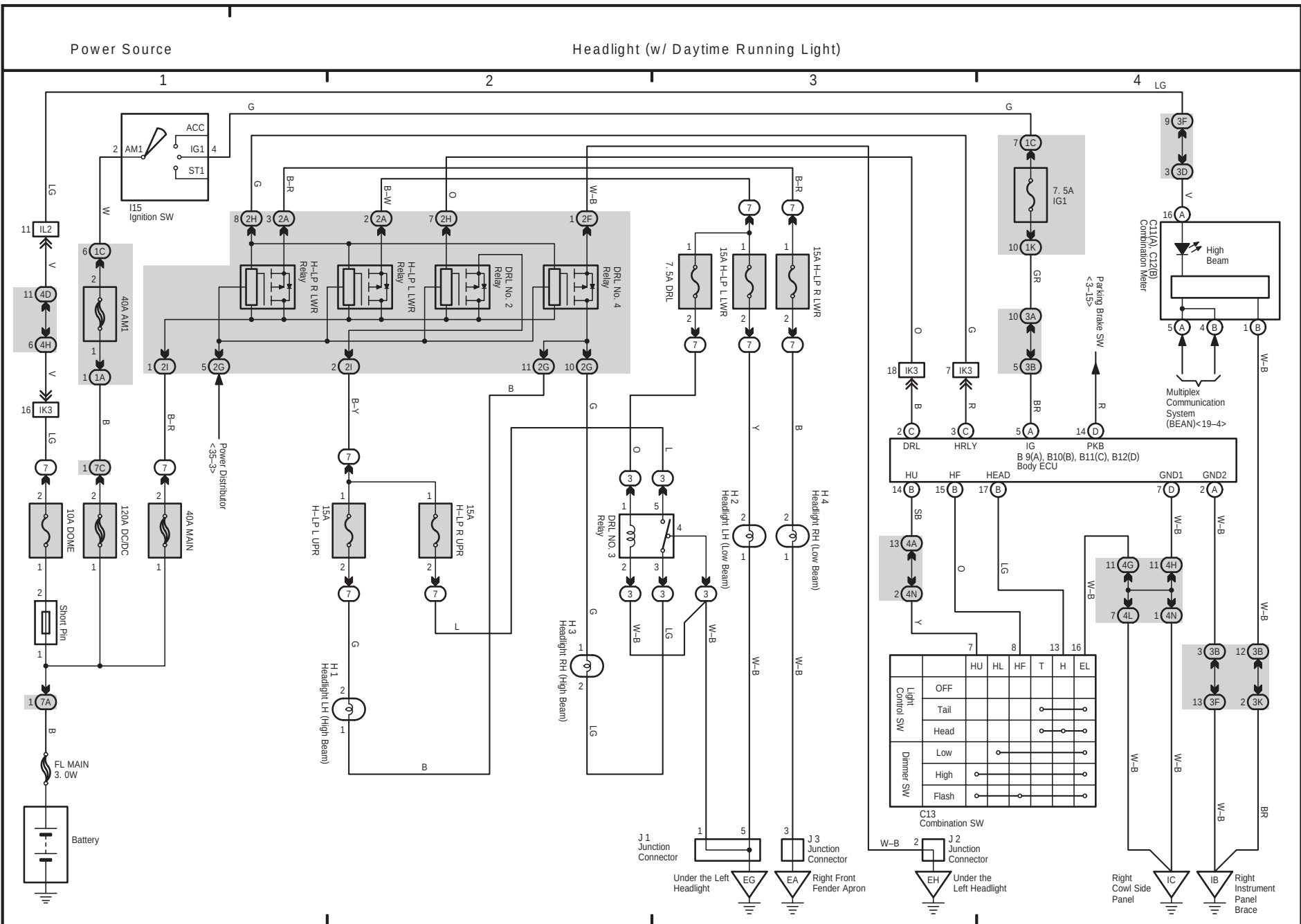
4 HIGHLANDER Hybrid Vehicle

HIGHLANDER Hybrid Vehicle (EWD605U)

389

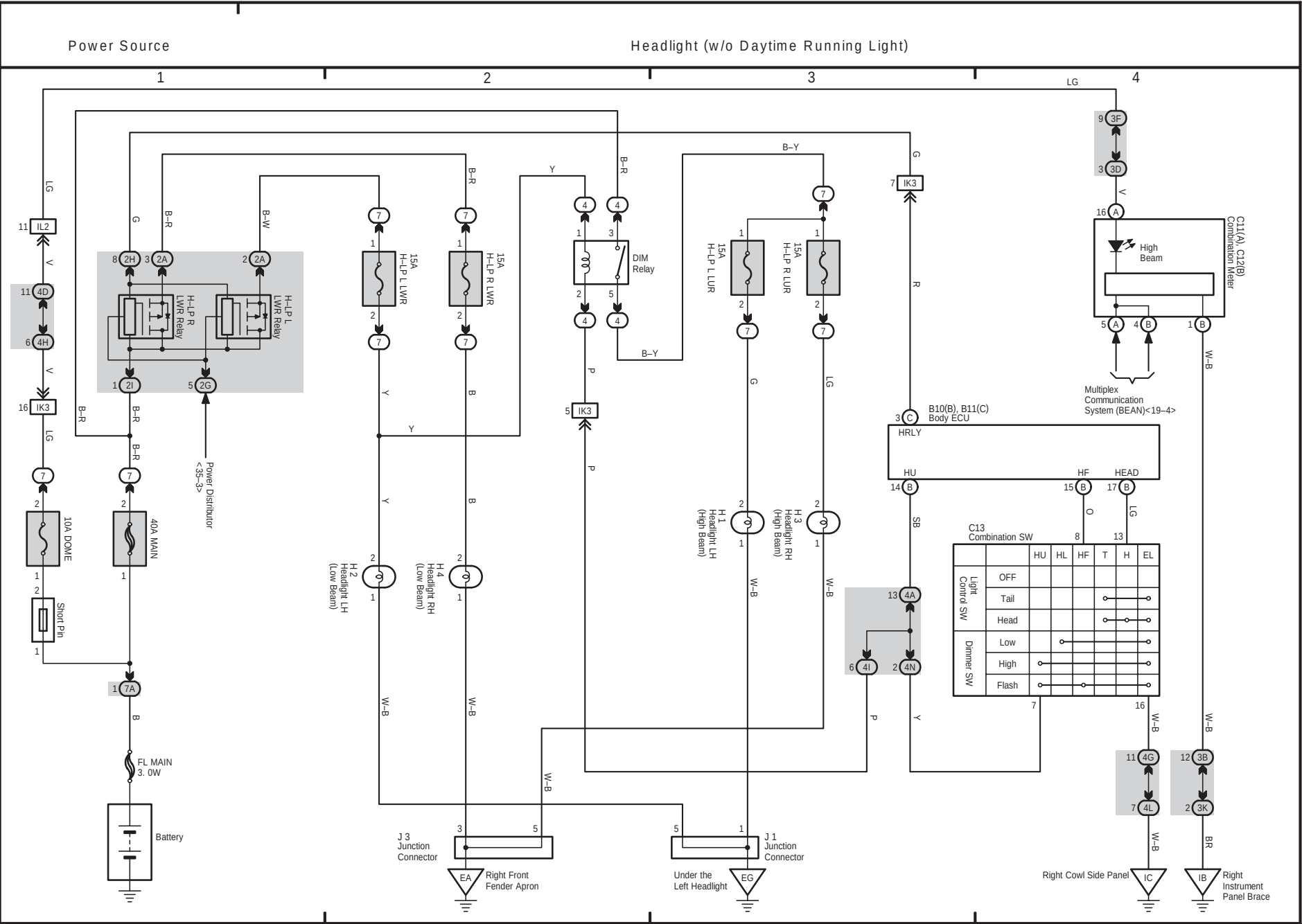


5 HIGHLANDER Hybrid Vehicle

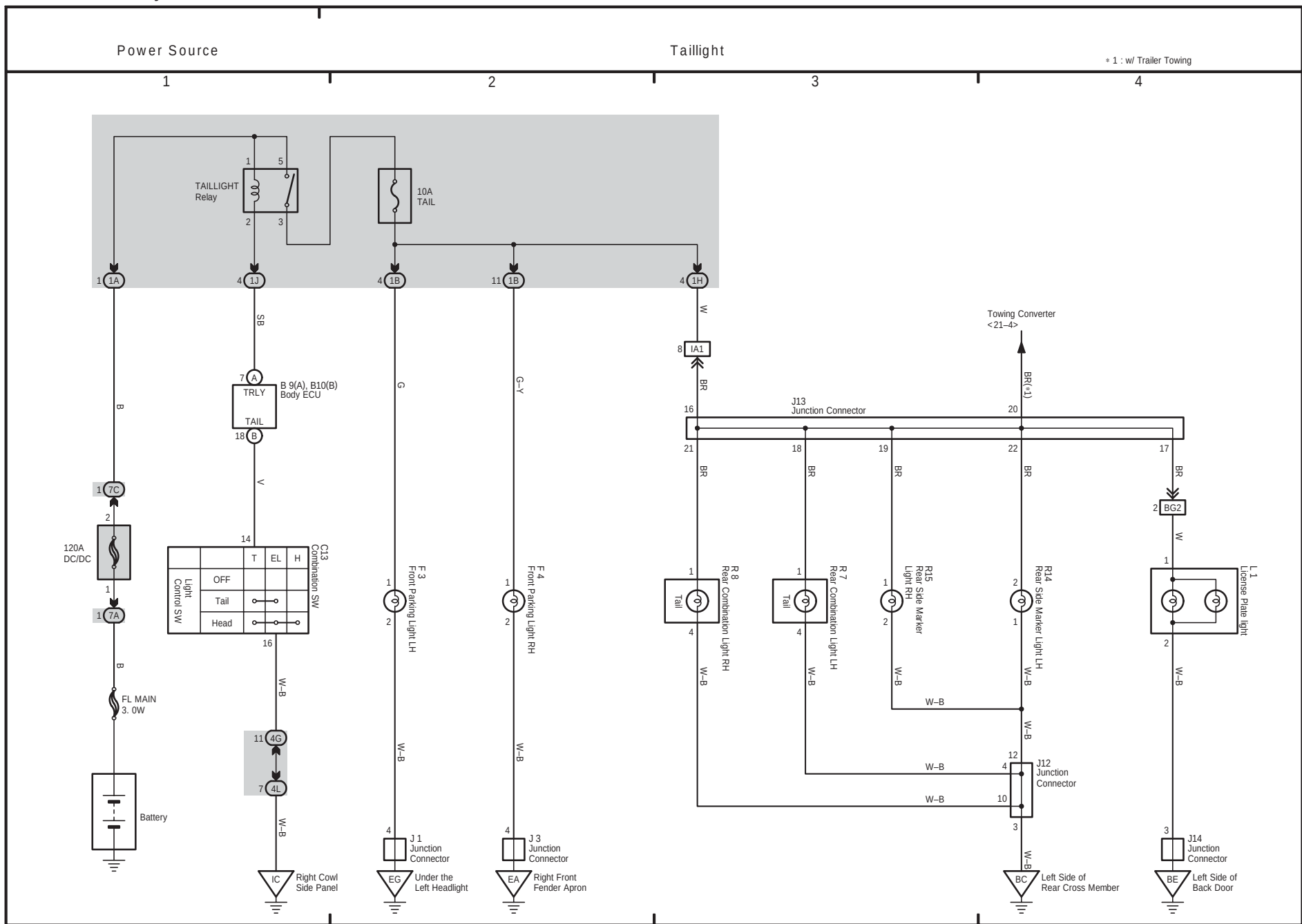


6 HIGHLANDER Hybrid Vehicle

HIGHLANDER Hybrid Vehicle (EWD605U)



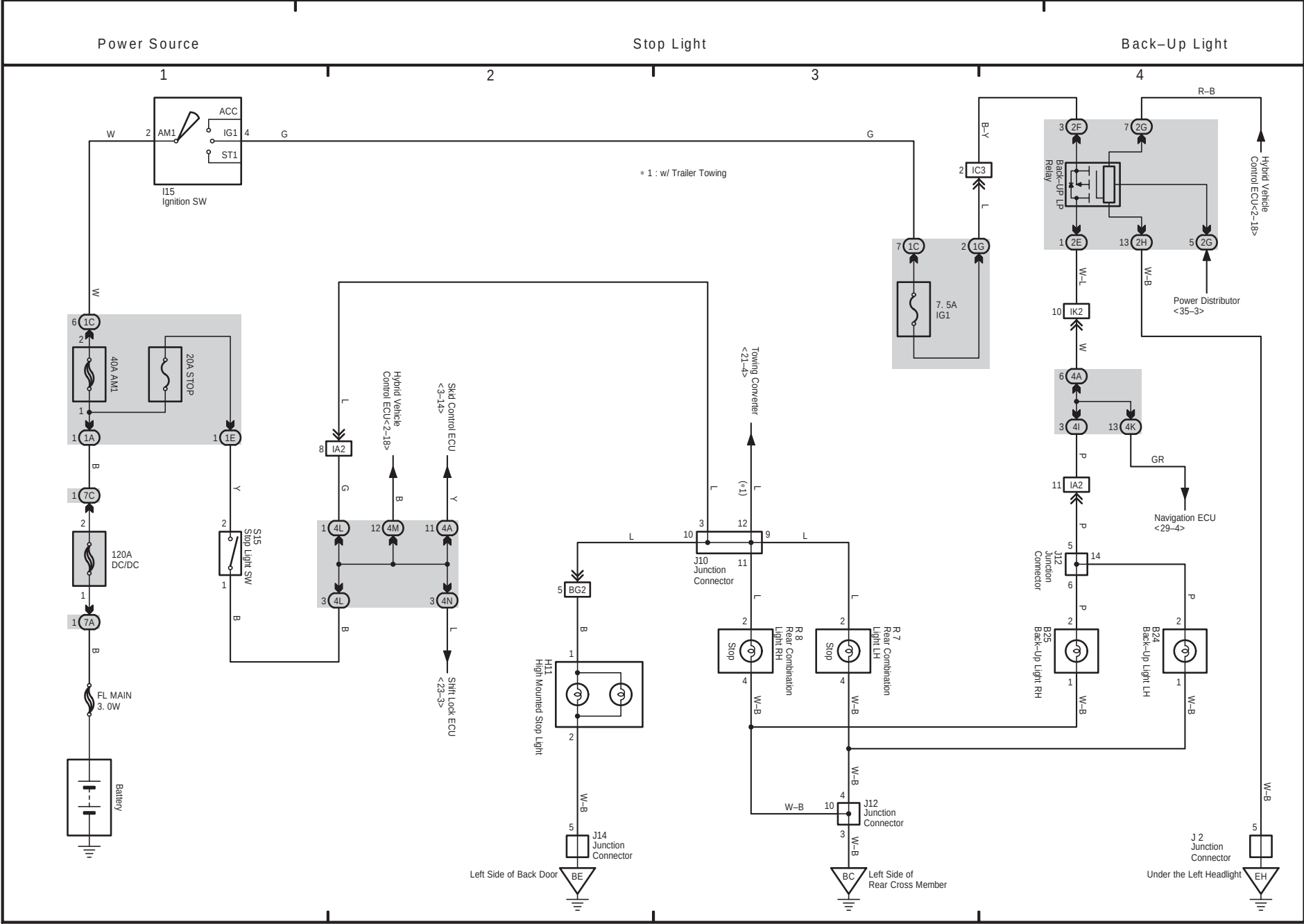
7 HIGHLANDER Hybrid Vehicle

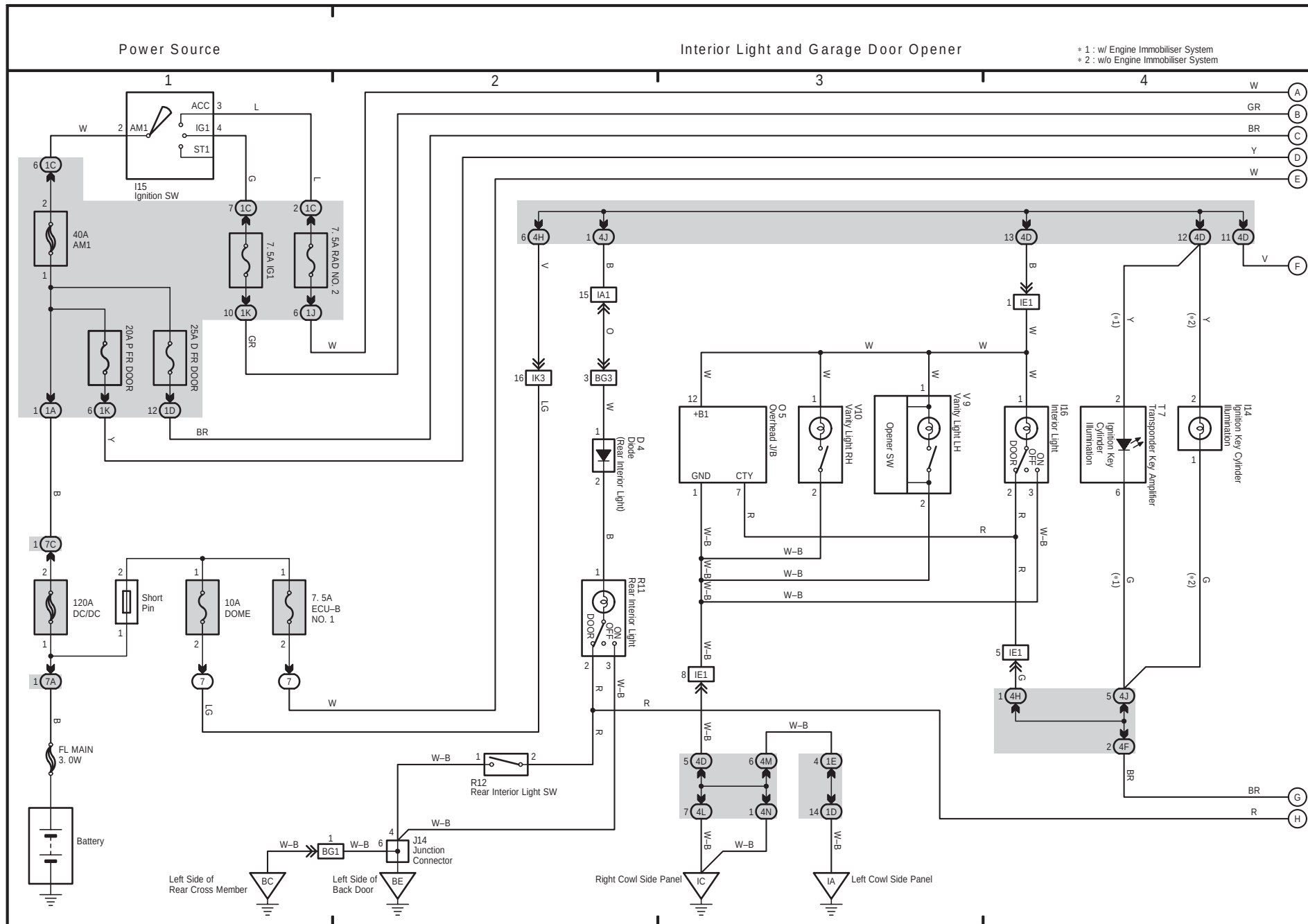


HIGHLANDER Hybrid Vehicle (EWD605U)



9 HIGHLANDER Hybrid Vehicle

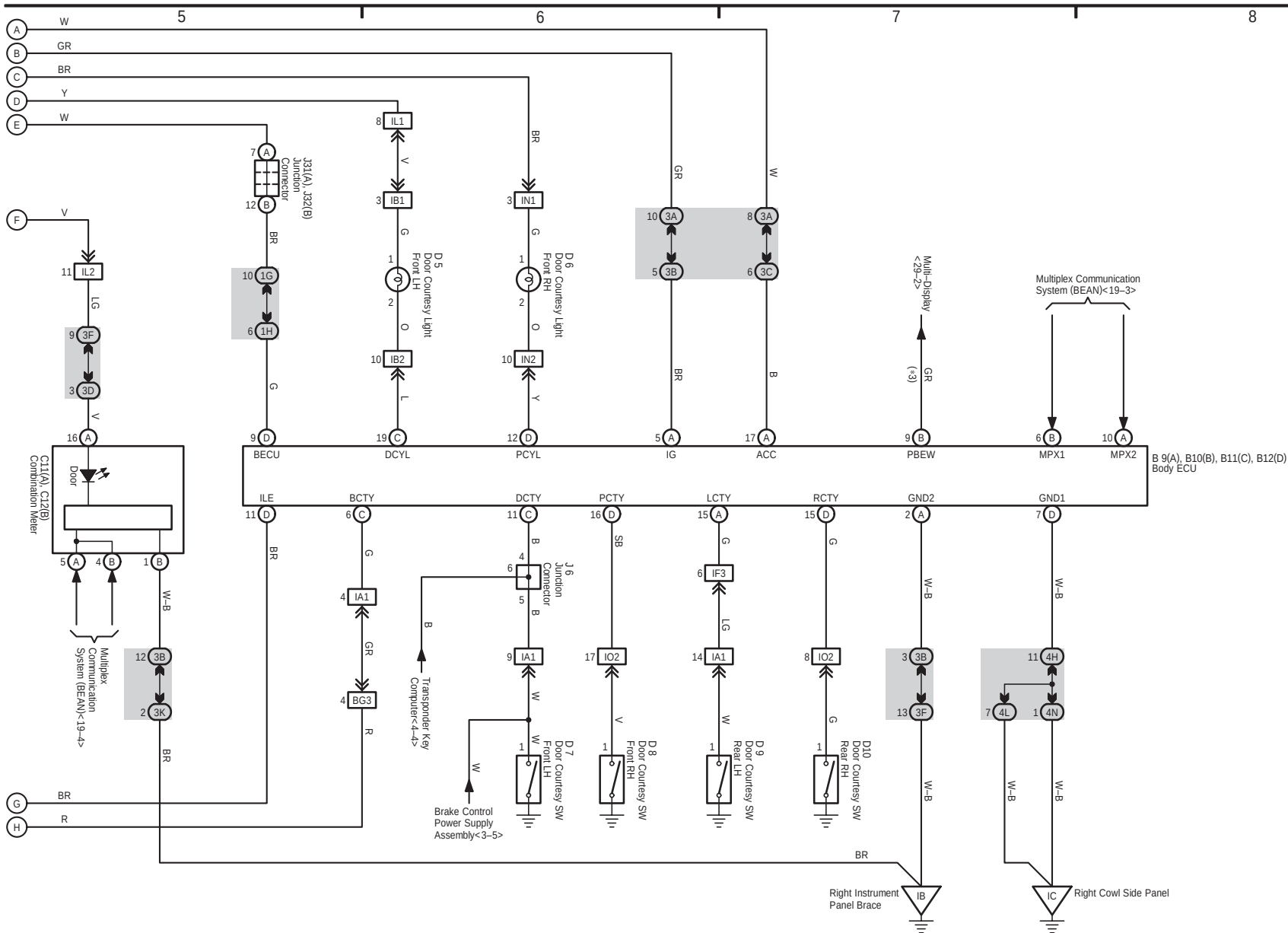




10 HIGHLANDER Hybrid Vehicle (Cont' d)

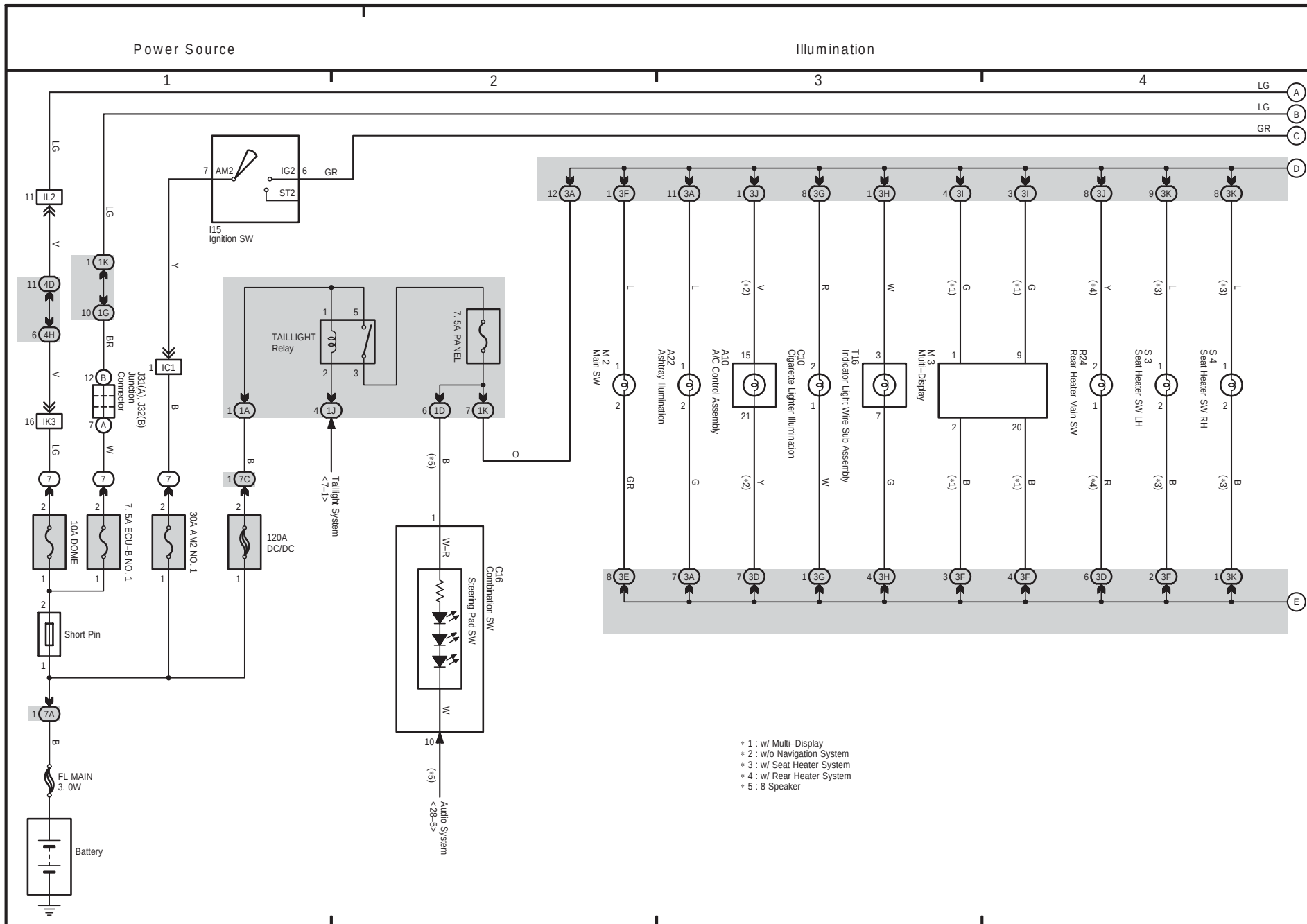
Interior Light and Garage Door Opener

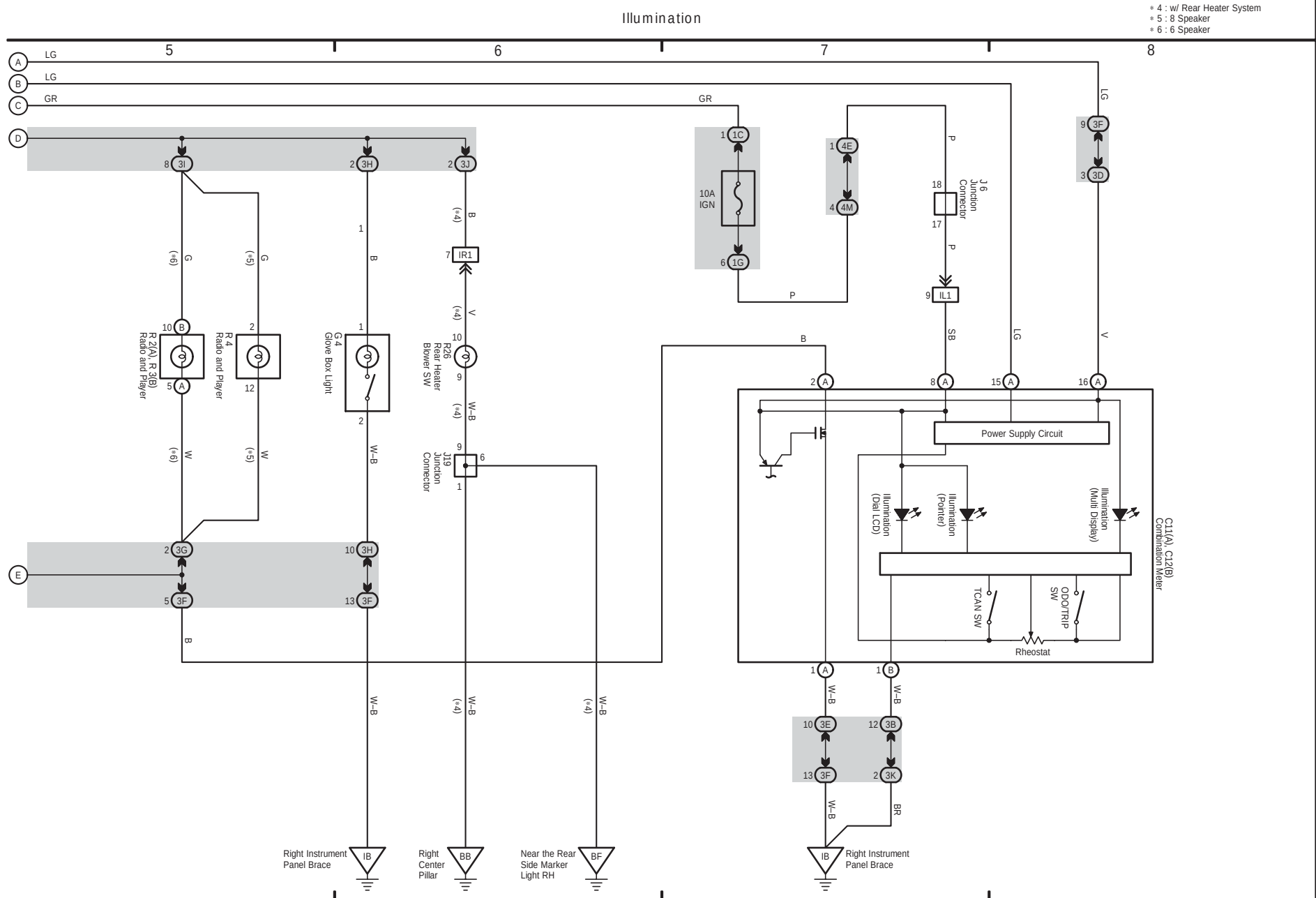
* 3 : w/ Navigation System



11 HIGHLANDER Hybrid Vehicle

(Cont. next page)

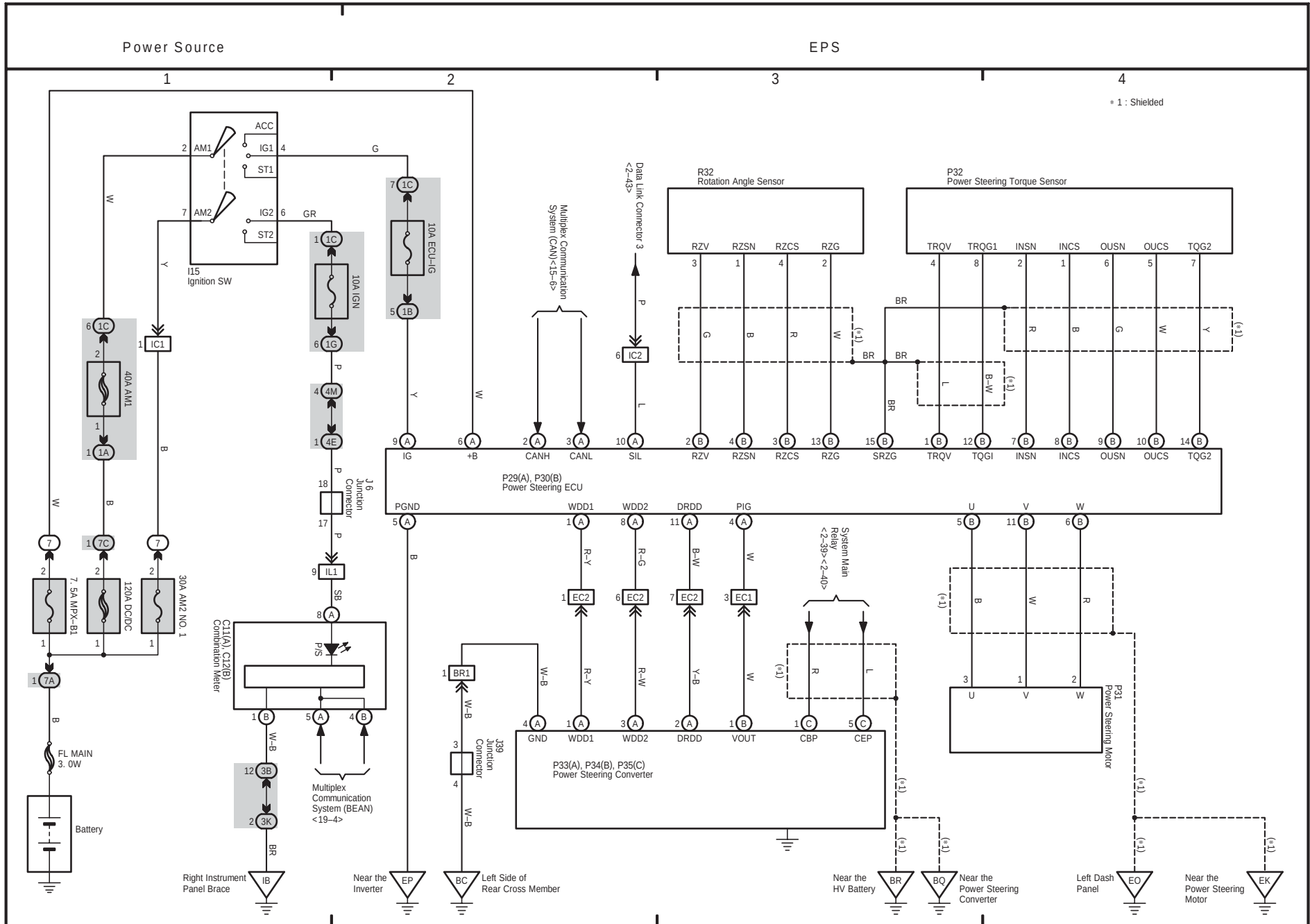




13 HIGHLANDER Hybrid Vehicle

HIGHLANDER Hybrid Vehicle (EWD605U)

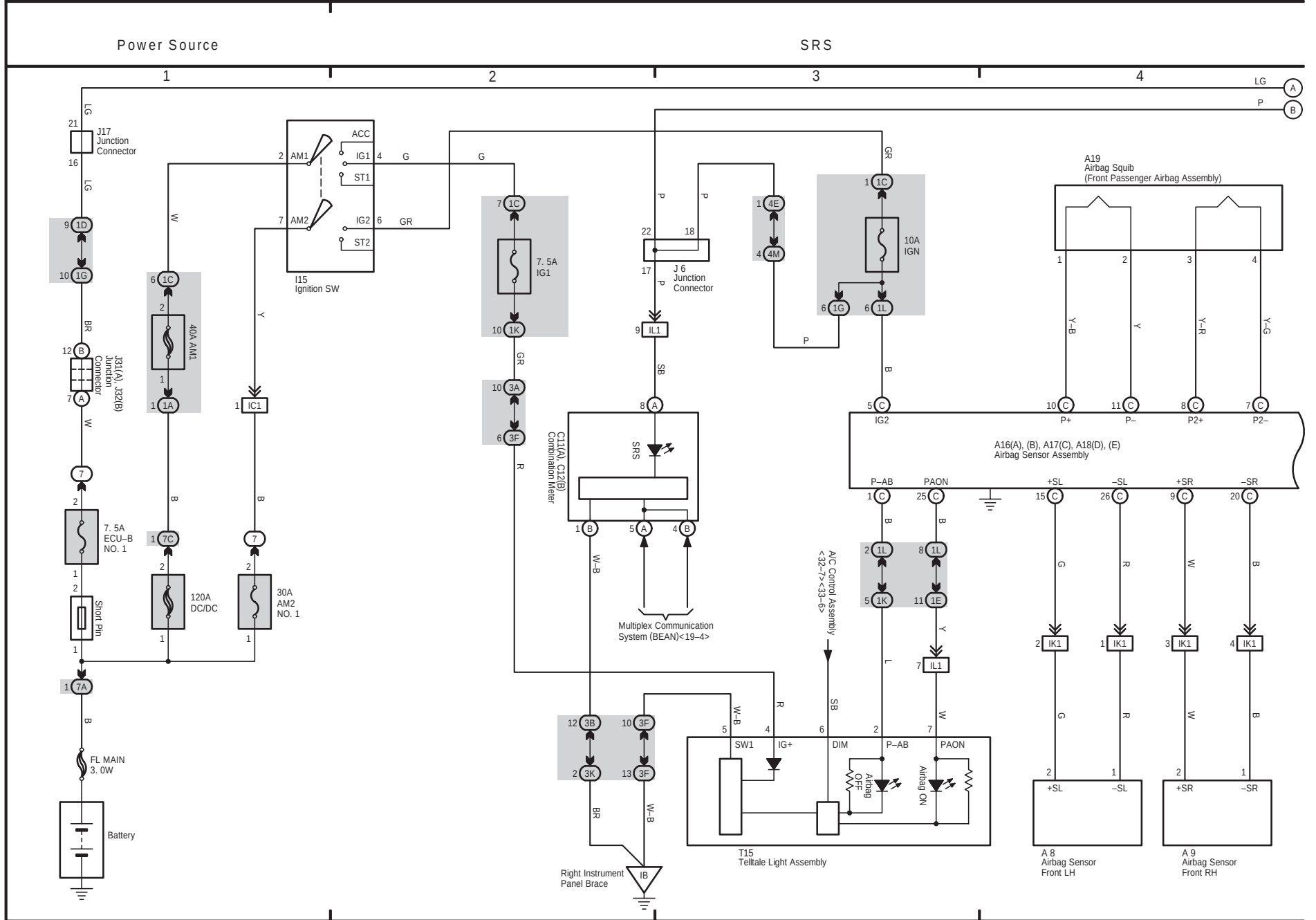
401



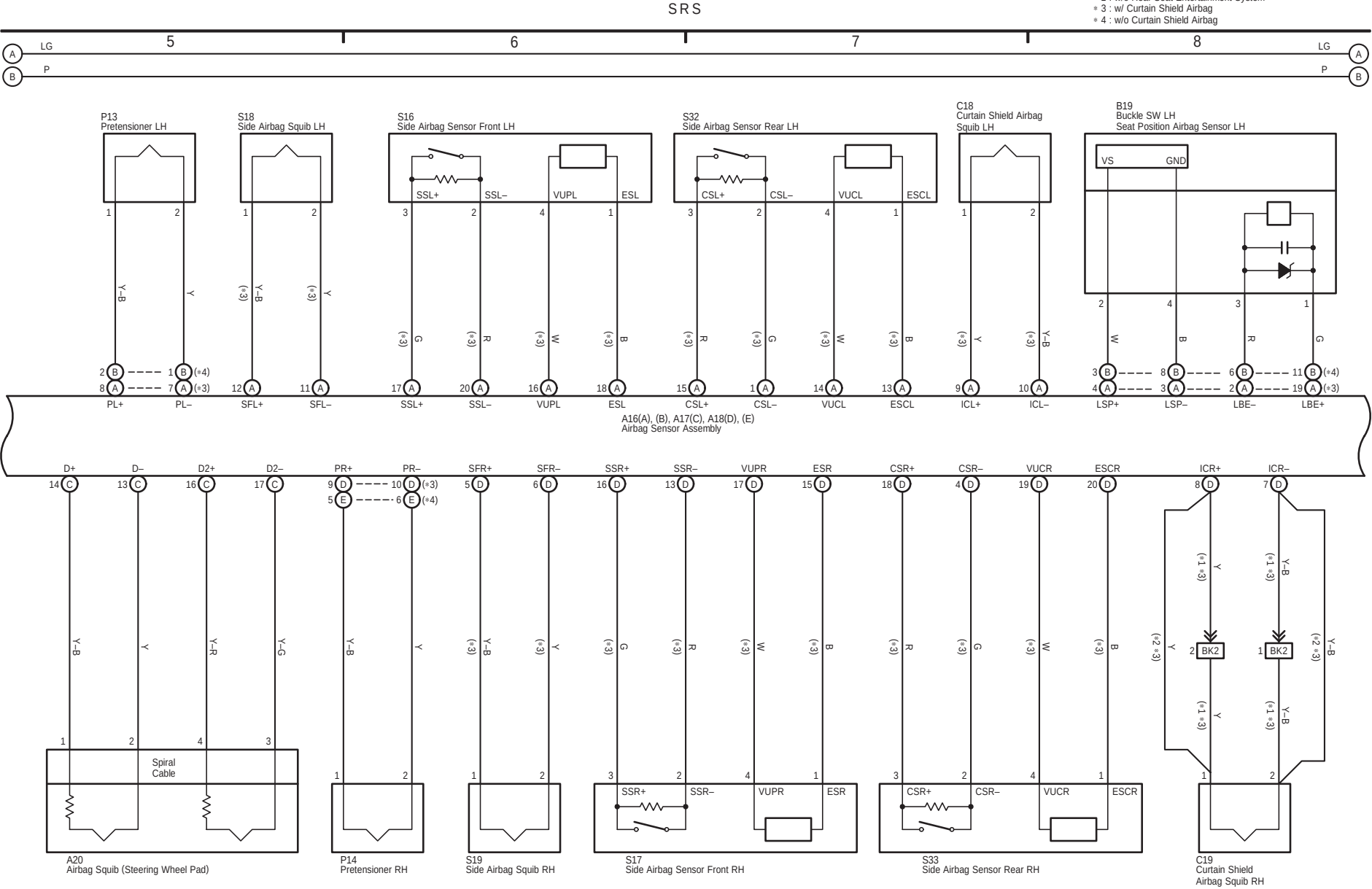
14 HIGHLANDER Hybrid Vehicle

(Cont. next page)

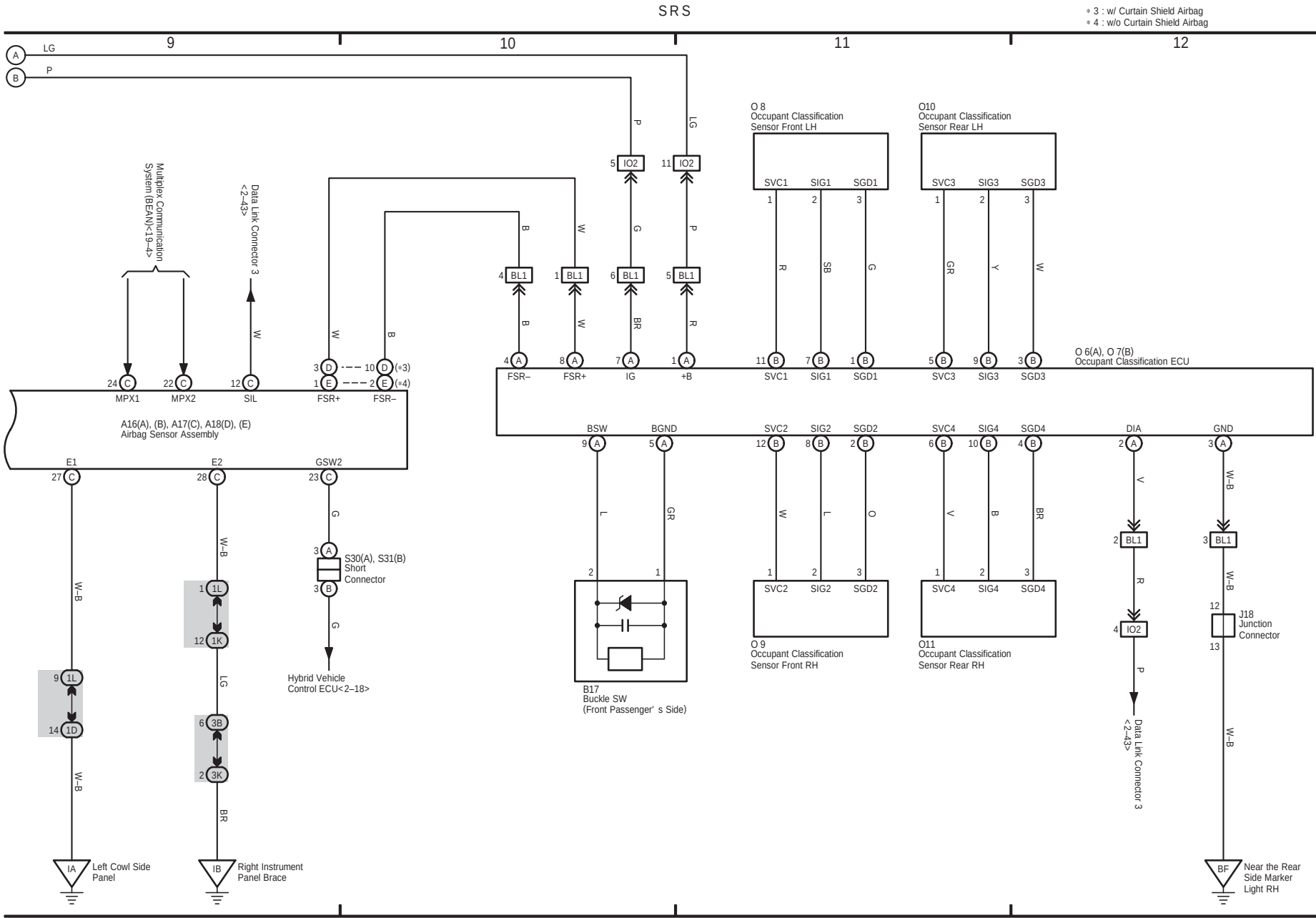
M OVERALL ELECTRICAL WIRING DIAGRAM



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



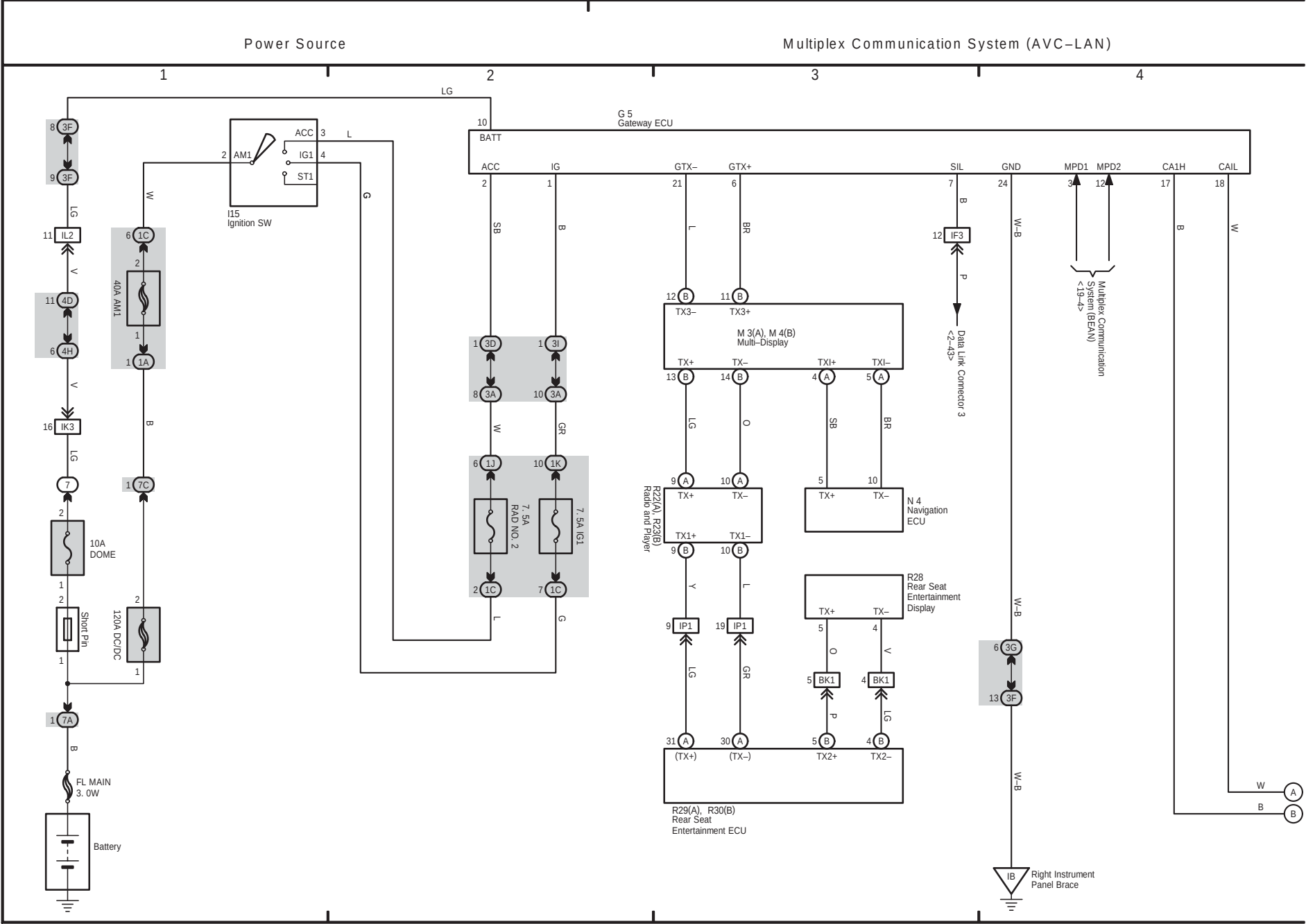
14 HIGHLANDER Hybrid Vehicle (Cont' d)



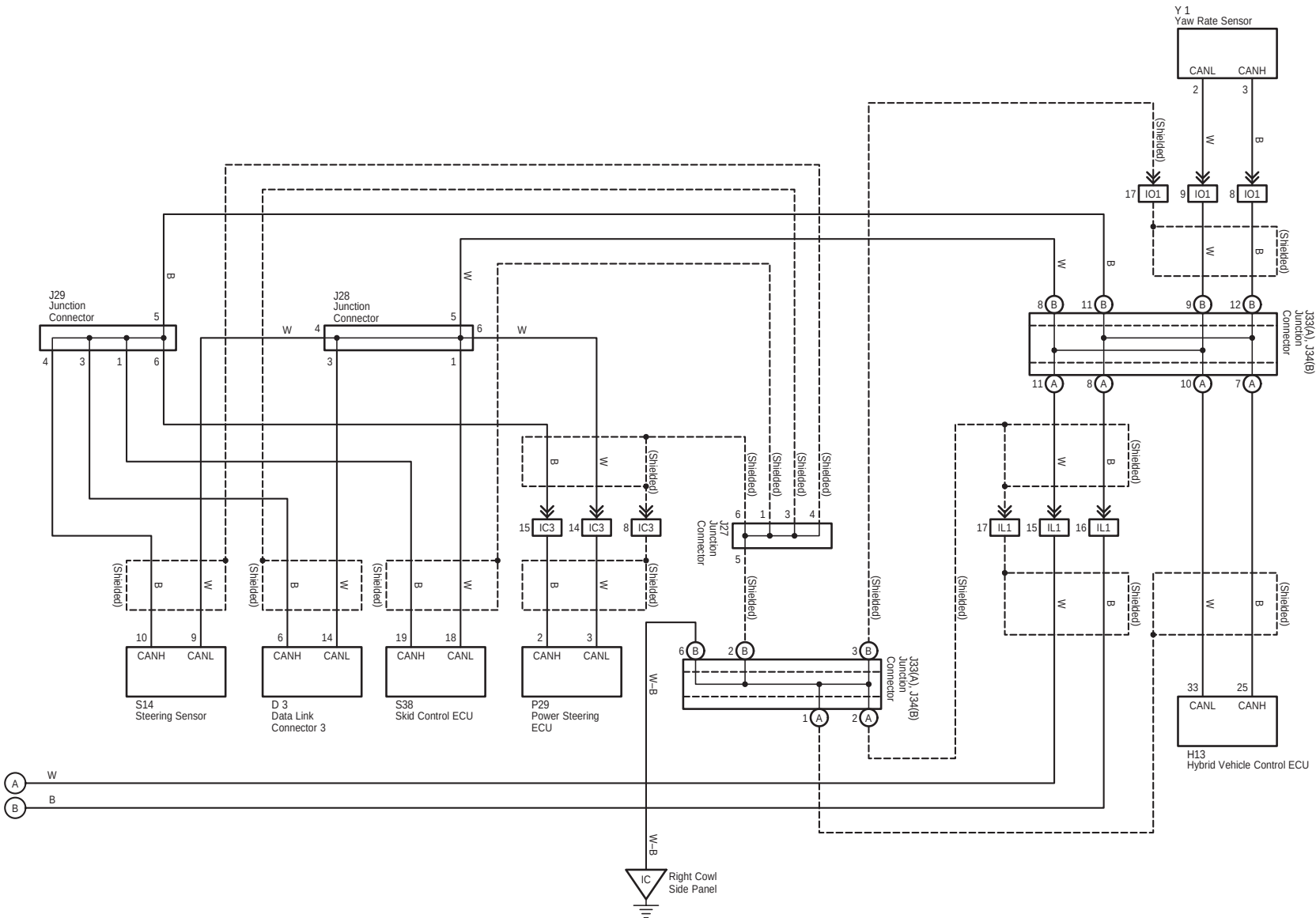
15 HIGHLANDER Hybrid Vehicle

(Cont. next page)

M OVERALL ELECTRICAL WIRING DIAGRAM



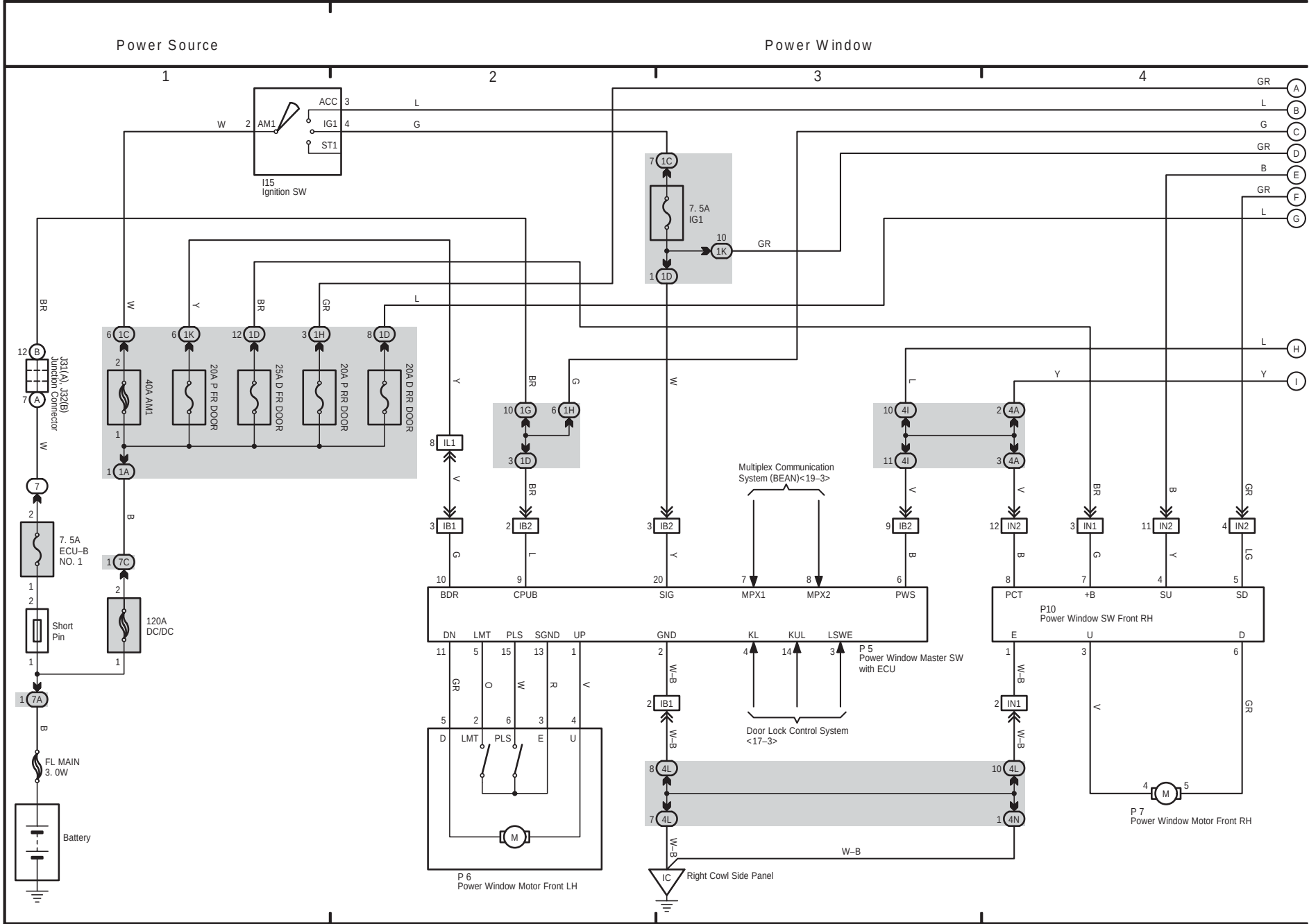
Multiplex Communication System (CAN)

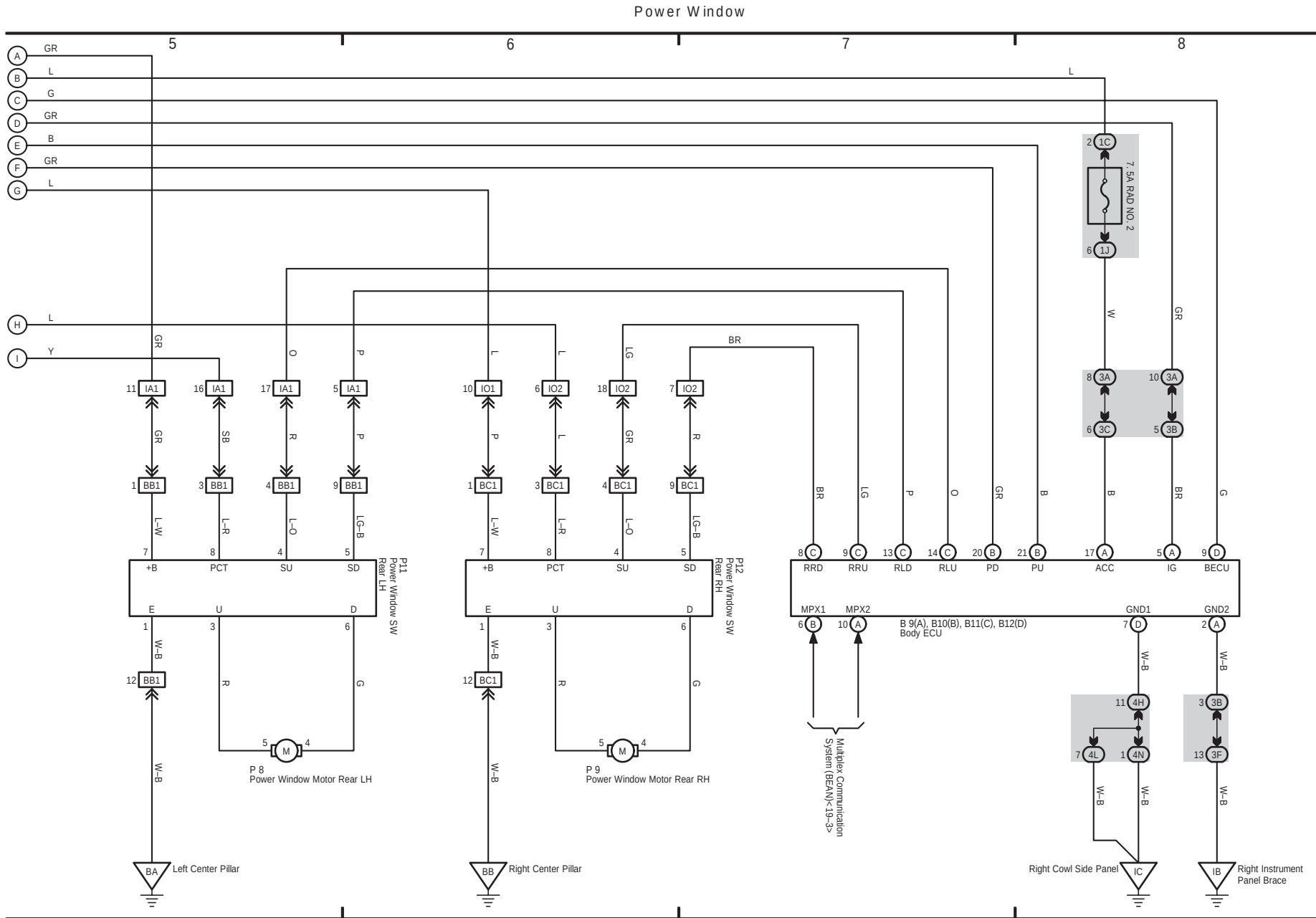


16 HIGHLANDER Hybrid Vehicle

(Cont. next page)

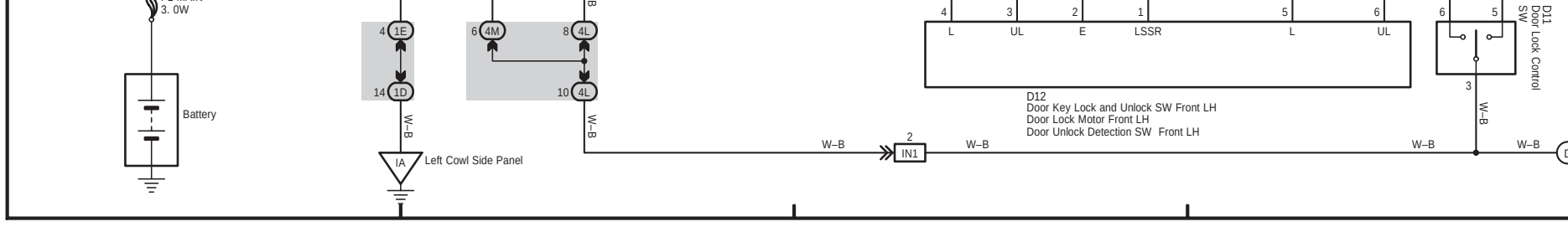
M OVERALL ELECTRICAL WIRING DIAGRAM



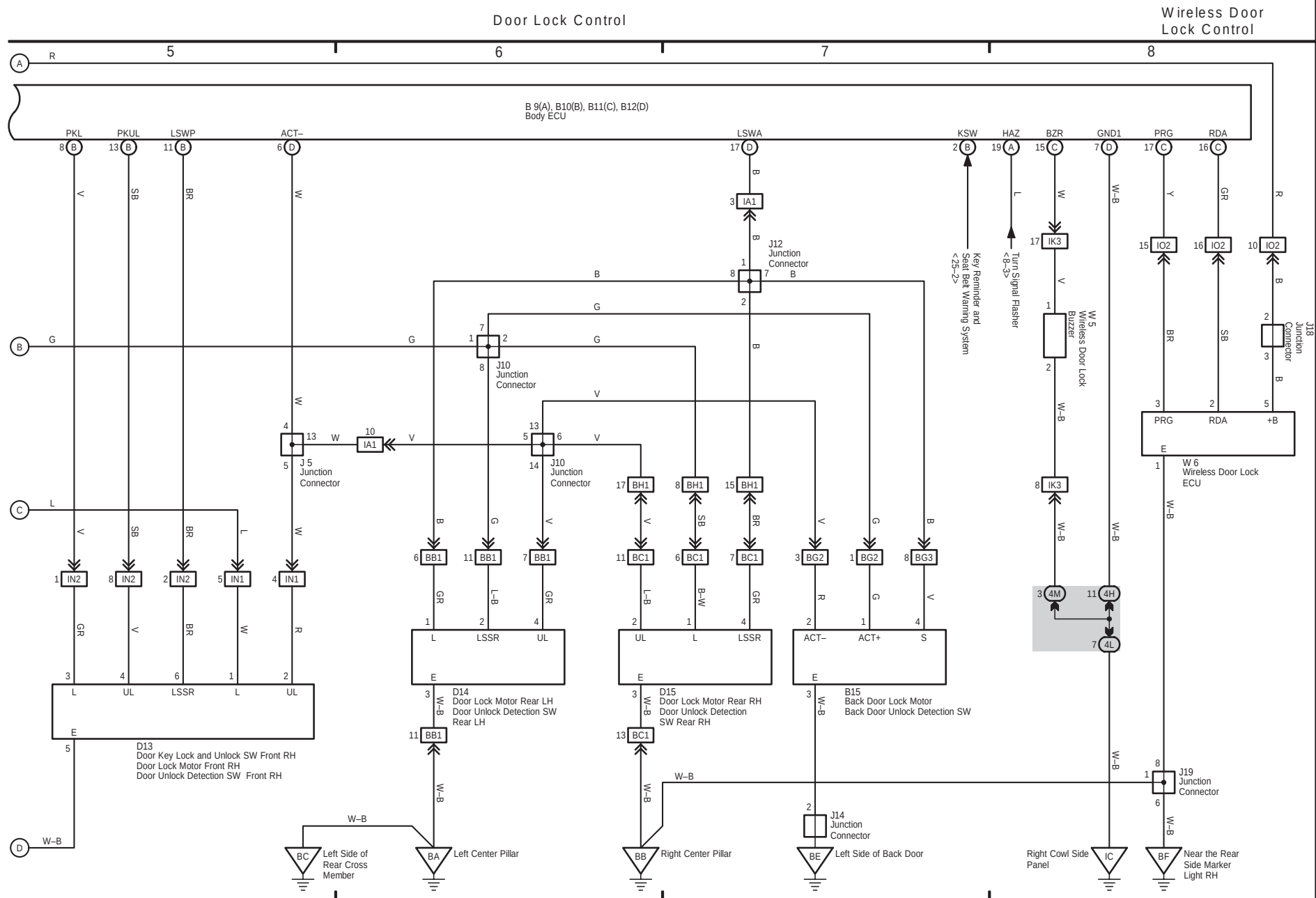


3.0W

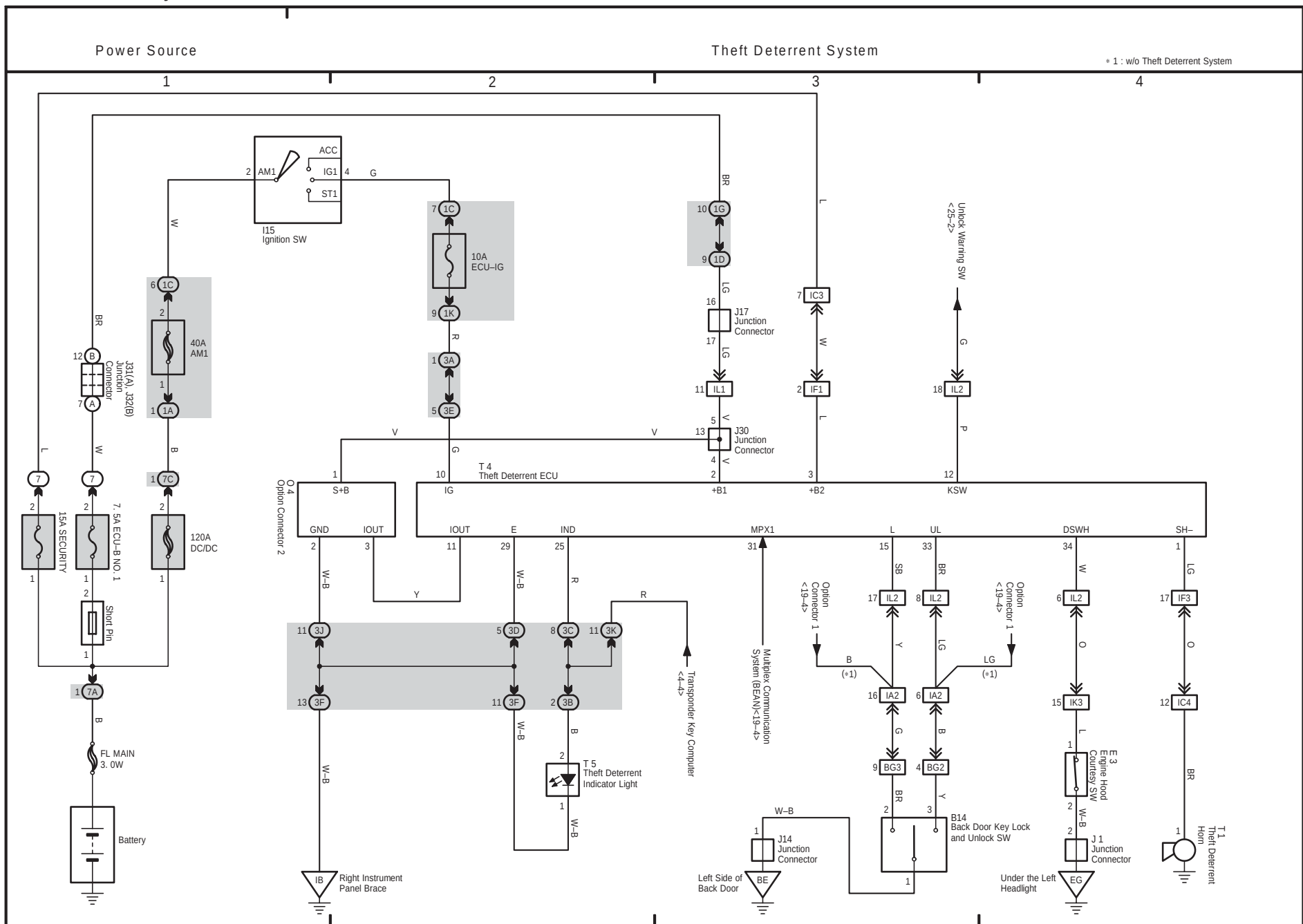
Battery



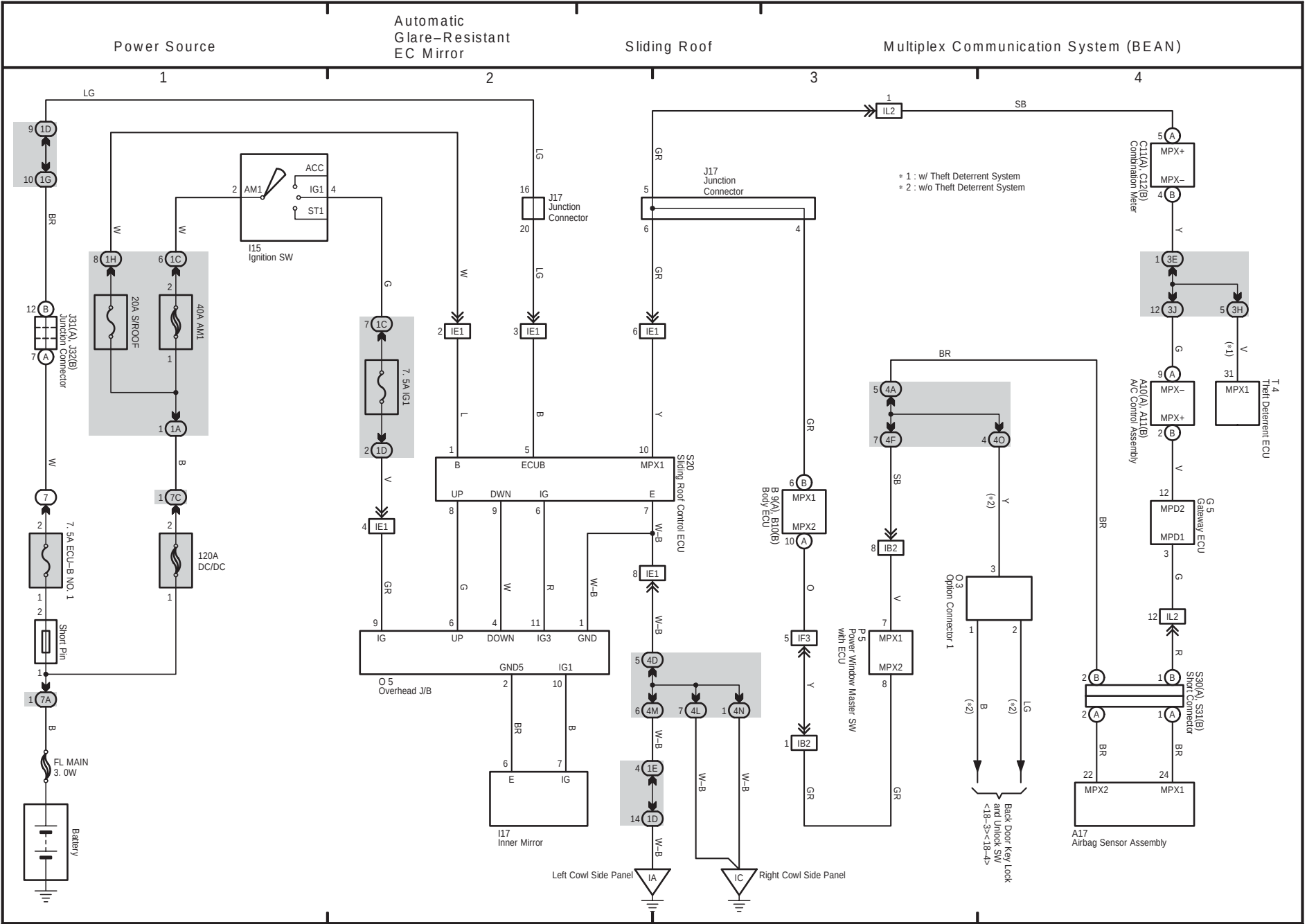
HIGHLANDER Hybrid Vehicle (EWD605U)



HIGHLANDER Hybrid Vehicle (EWD605U)

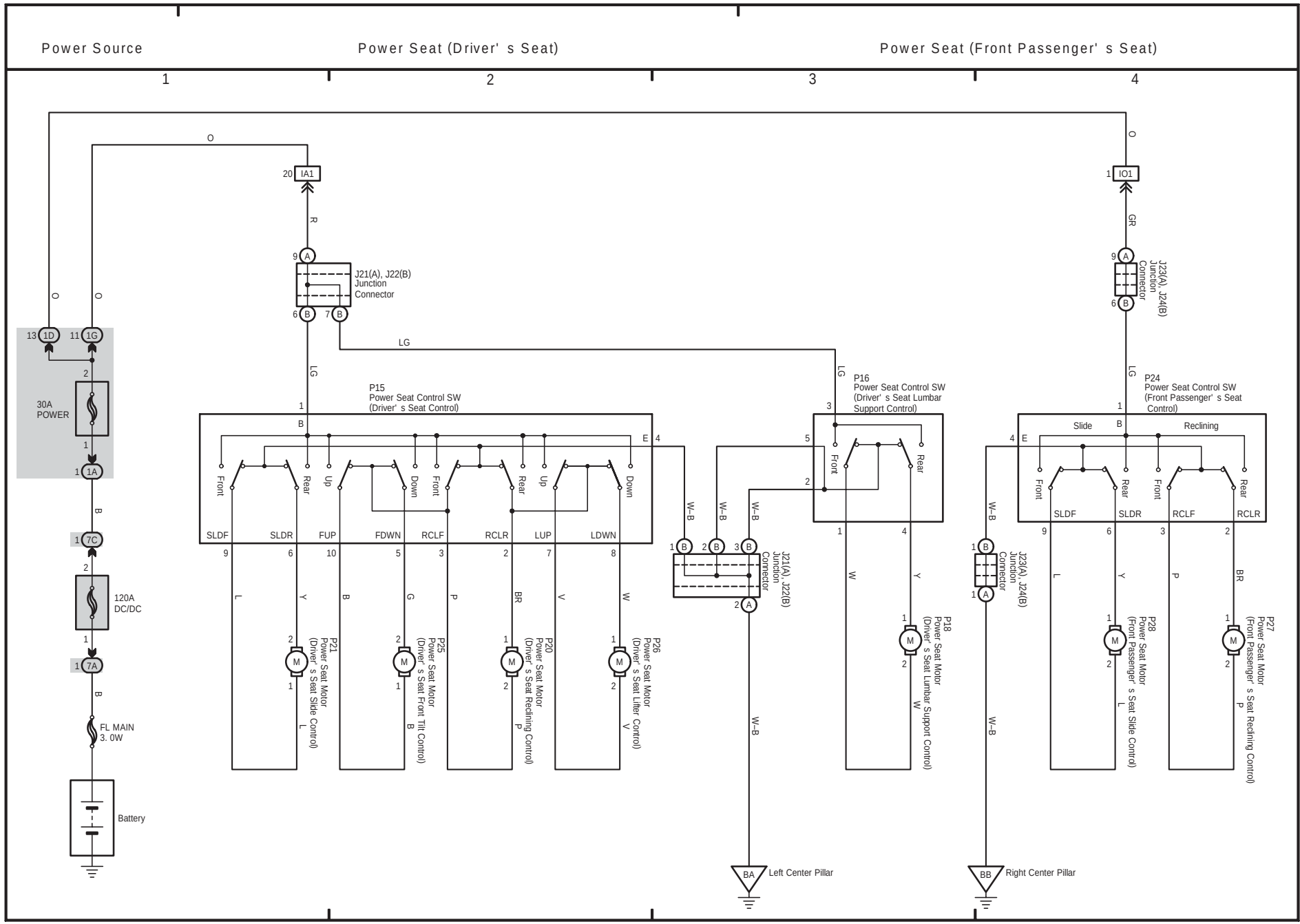


19 HIGHLANDER Hybrid Vehicle



HIGHLANDER Hybrid Vehicle (EWD605U)

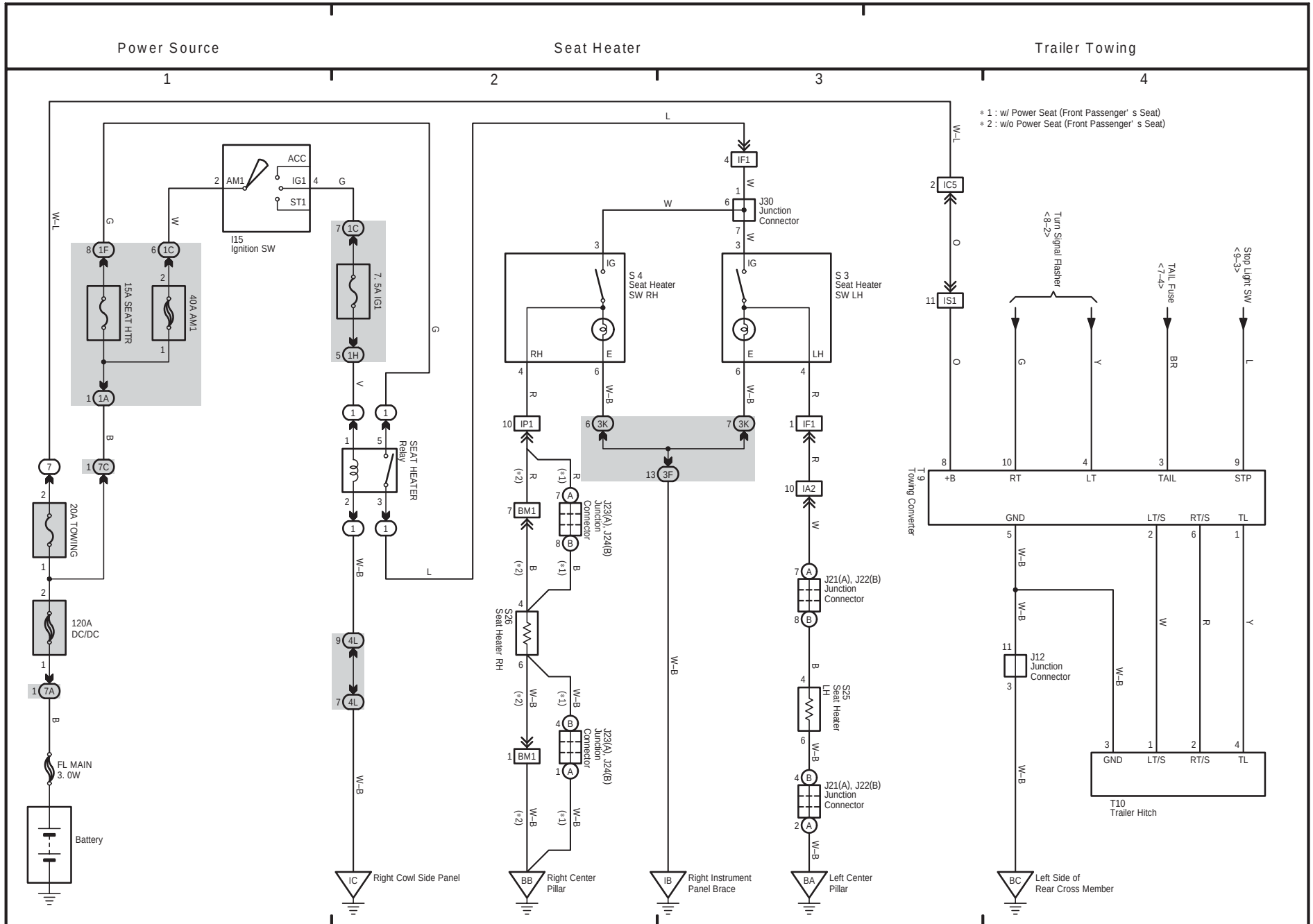
20 HIGHLANDER Hybrid Vehicle



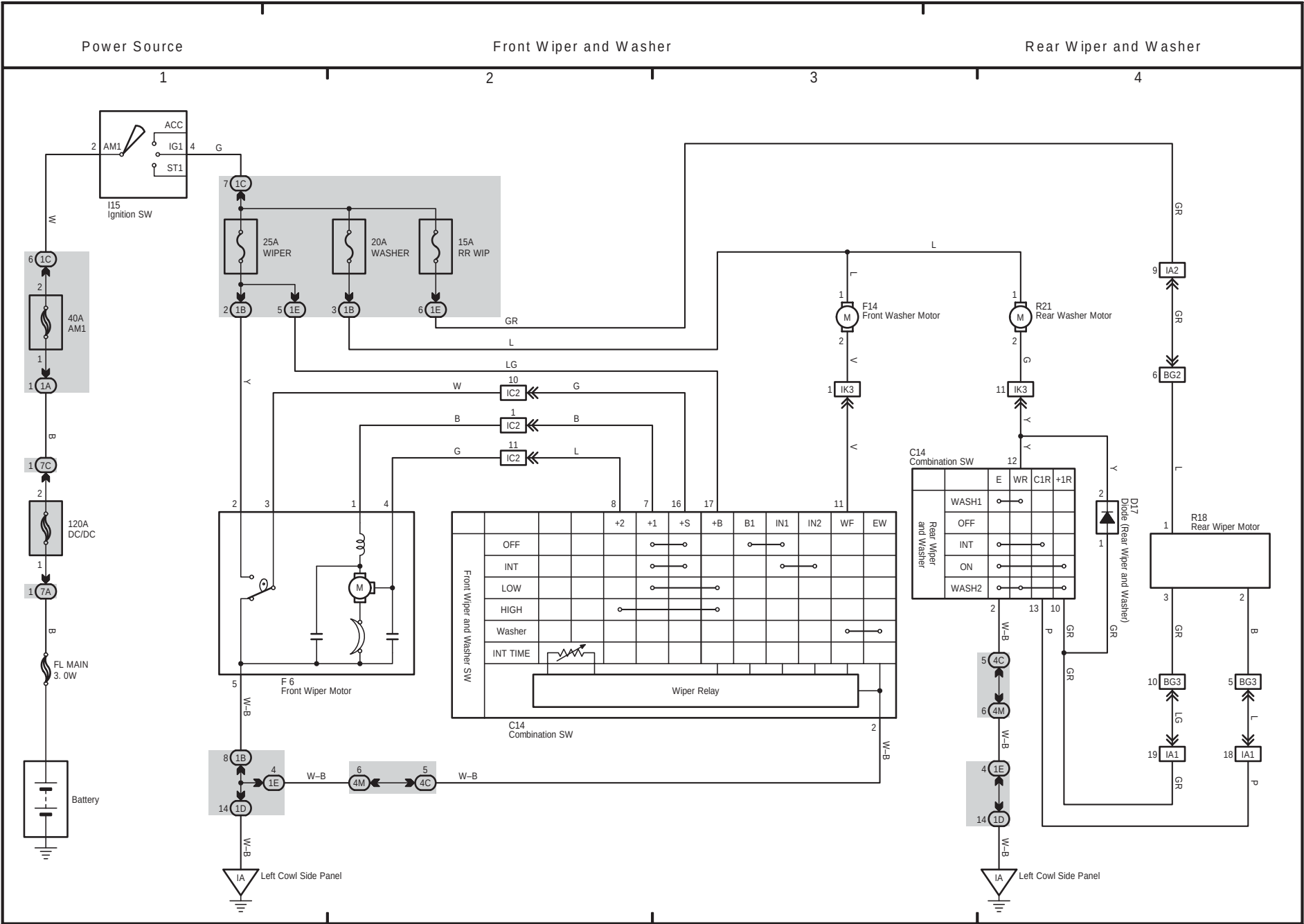
21 HIGHLANDER Hybrid Vehicle

HIGHLANDER Hybrid Vehicle (EWD605U)

415



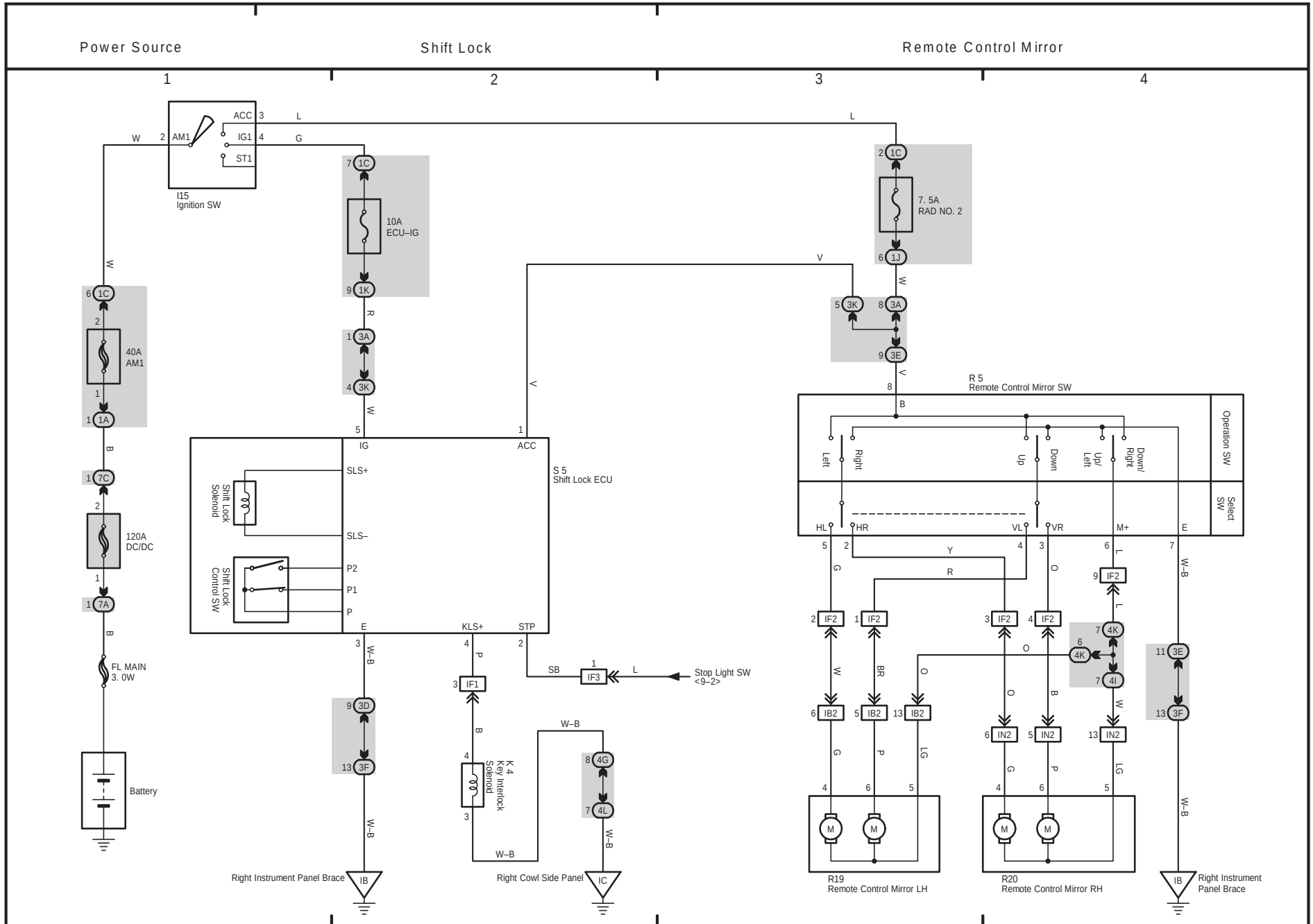
22 HIGHLANDER Hybrid Vehicle



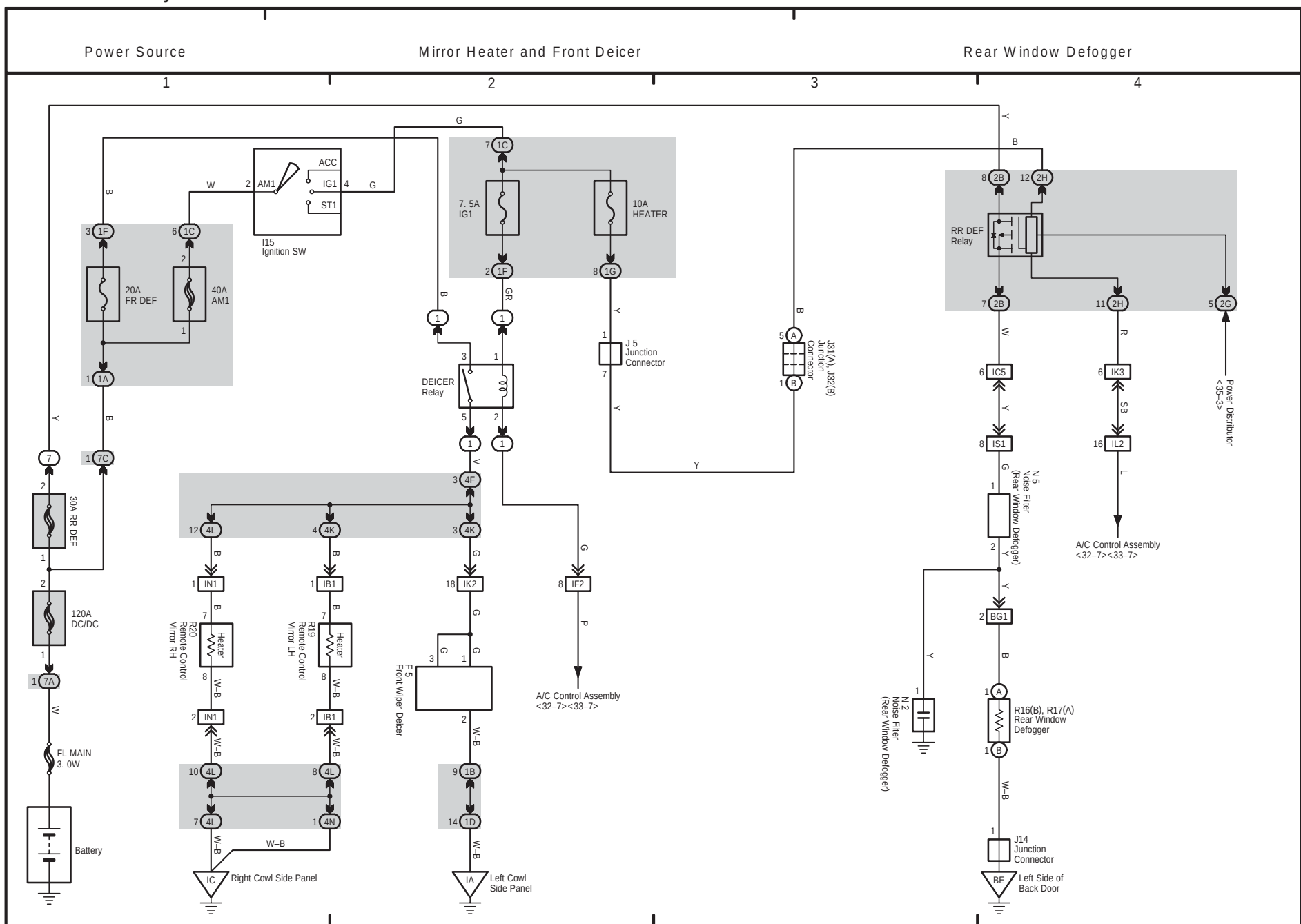
23 HIGHLANDER Hybrid Vehicle

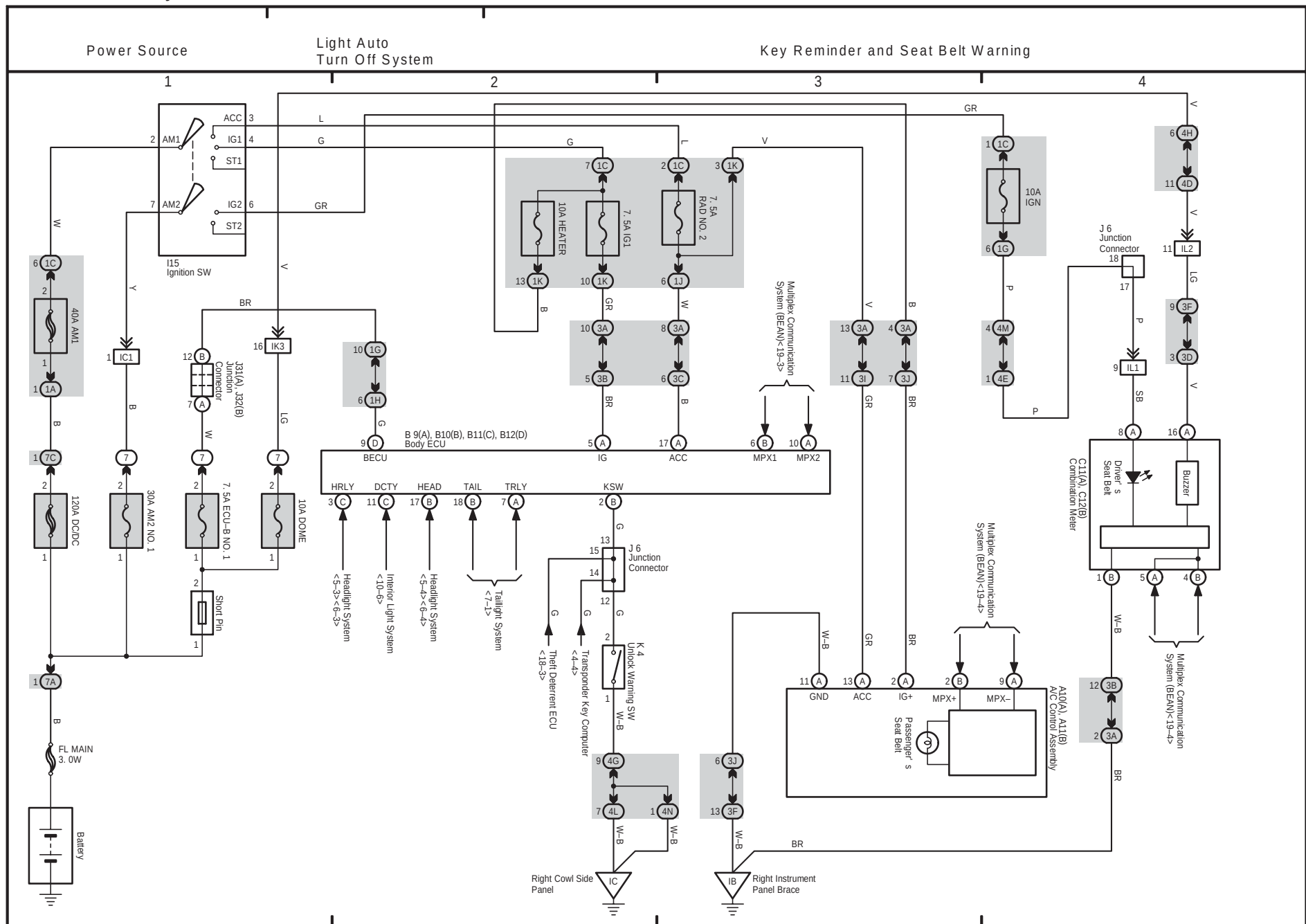
HIGHLANDER Hybrid Vehicle (EWD605U)

417



24 HIGHLANDER Hybrid Vehicle



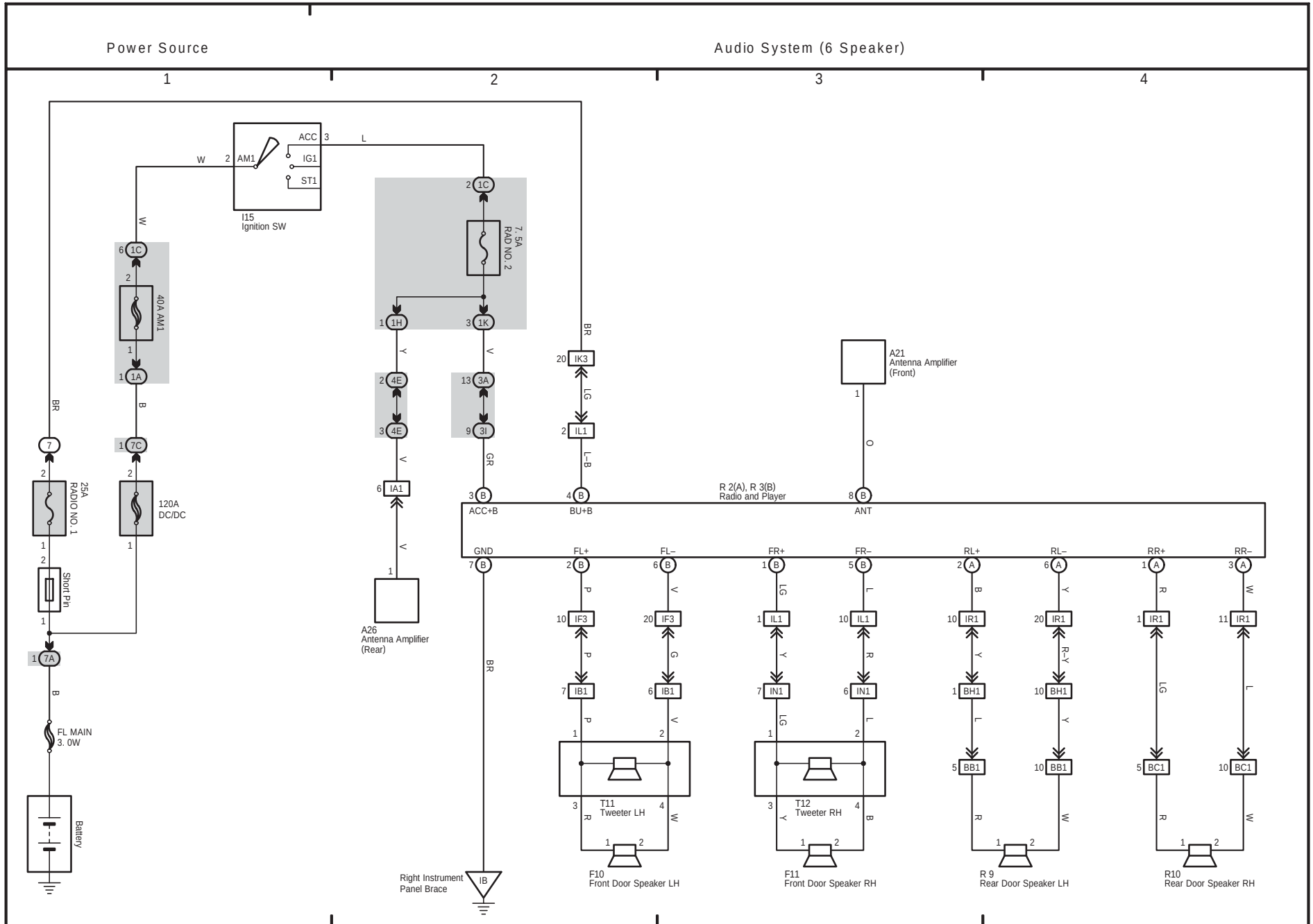


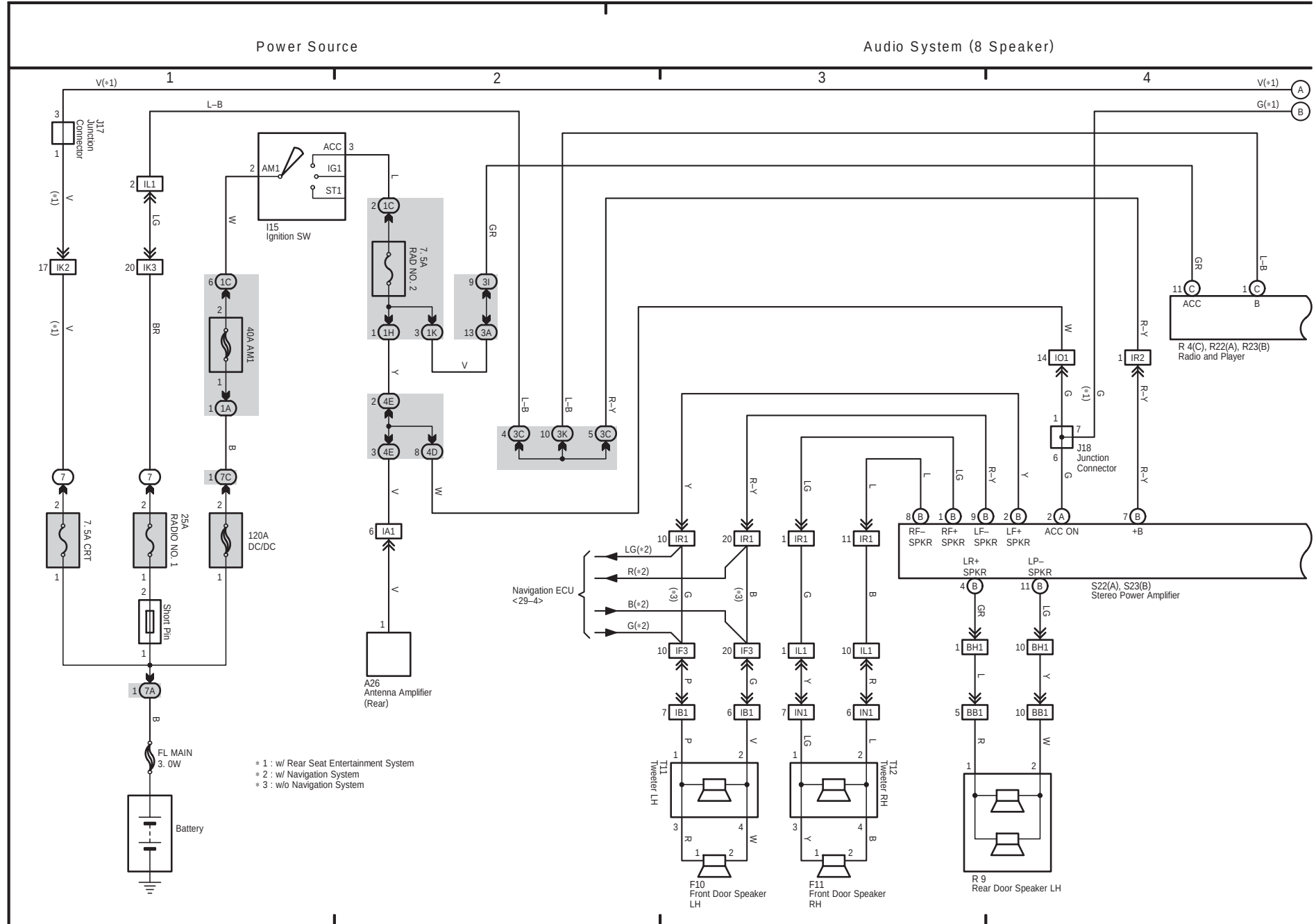
[illegible]

27 HIGHLANDER Hybrid Vehicle

HIGHLANDER Hybrid Vehicle (EWD605U)

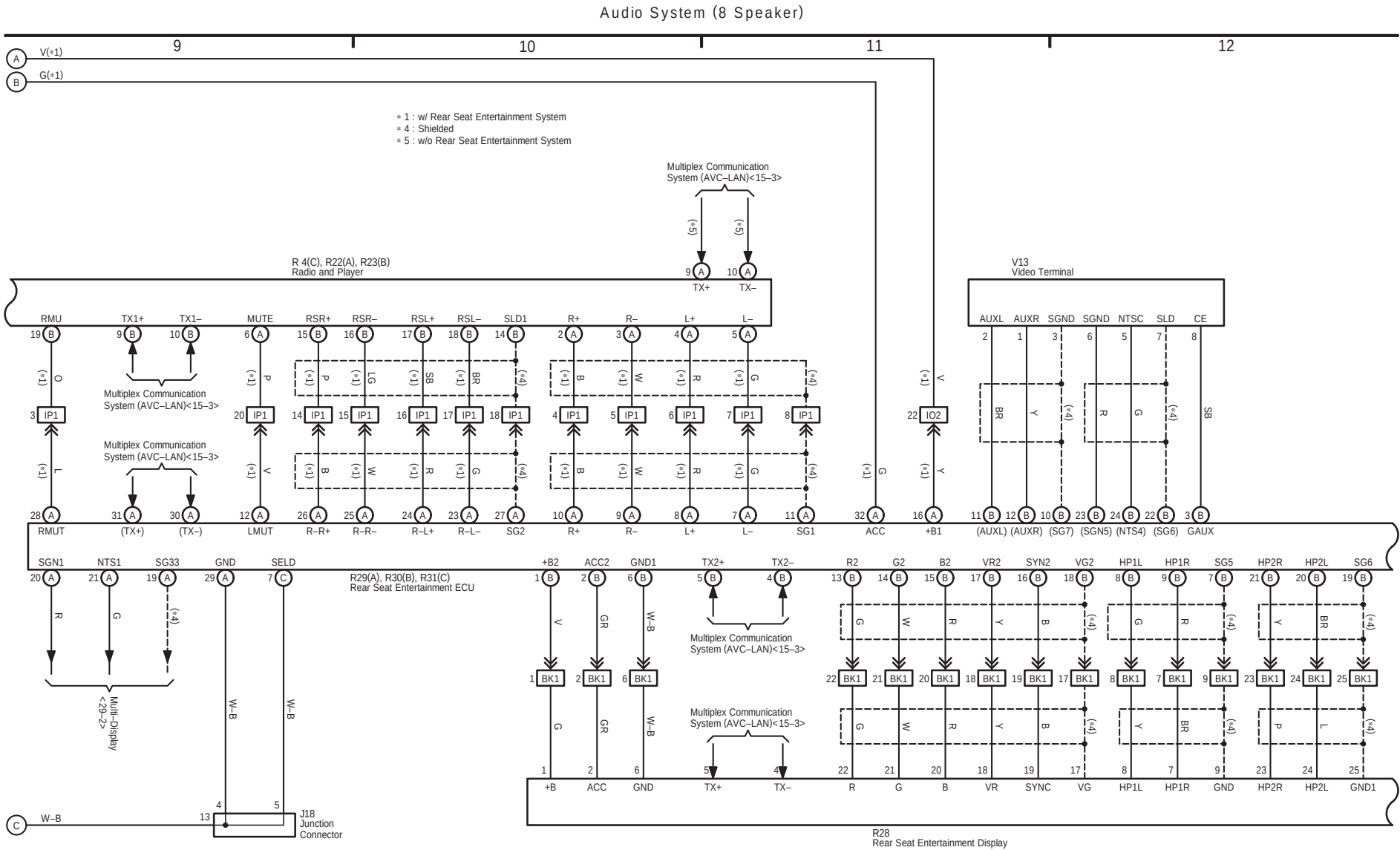
421





423

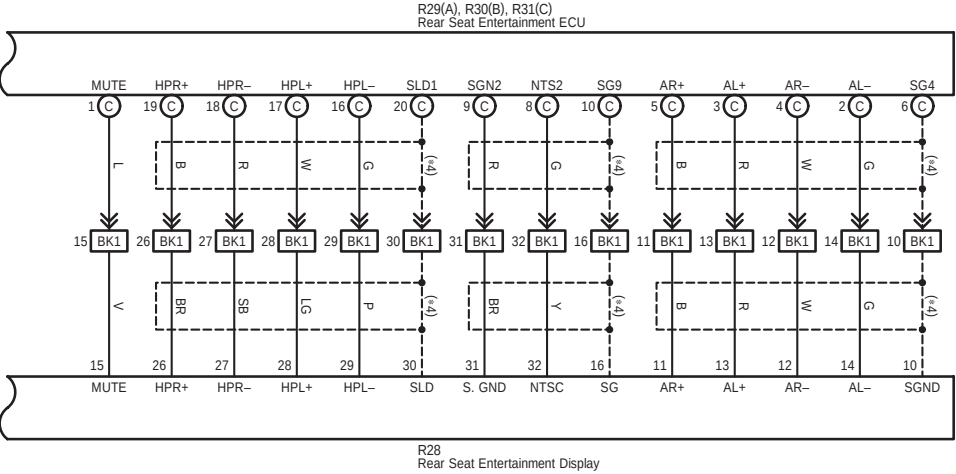




Audio System (8 Speaker)

13 14 15 16

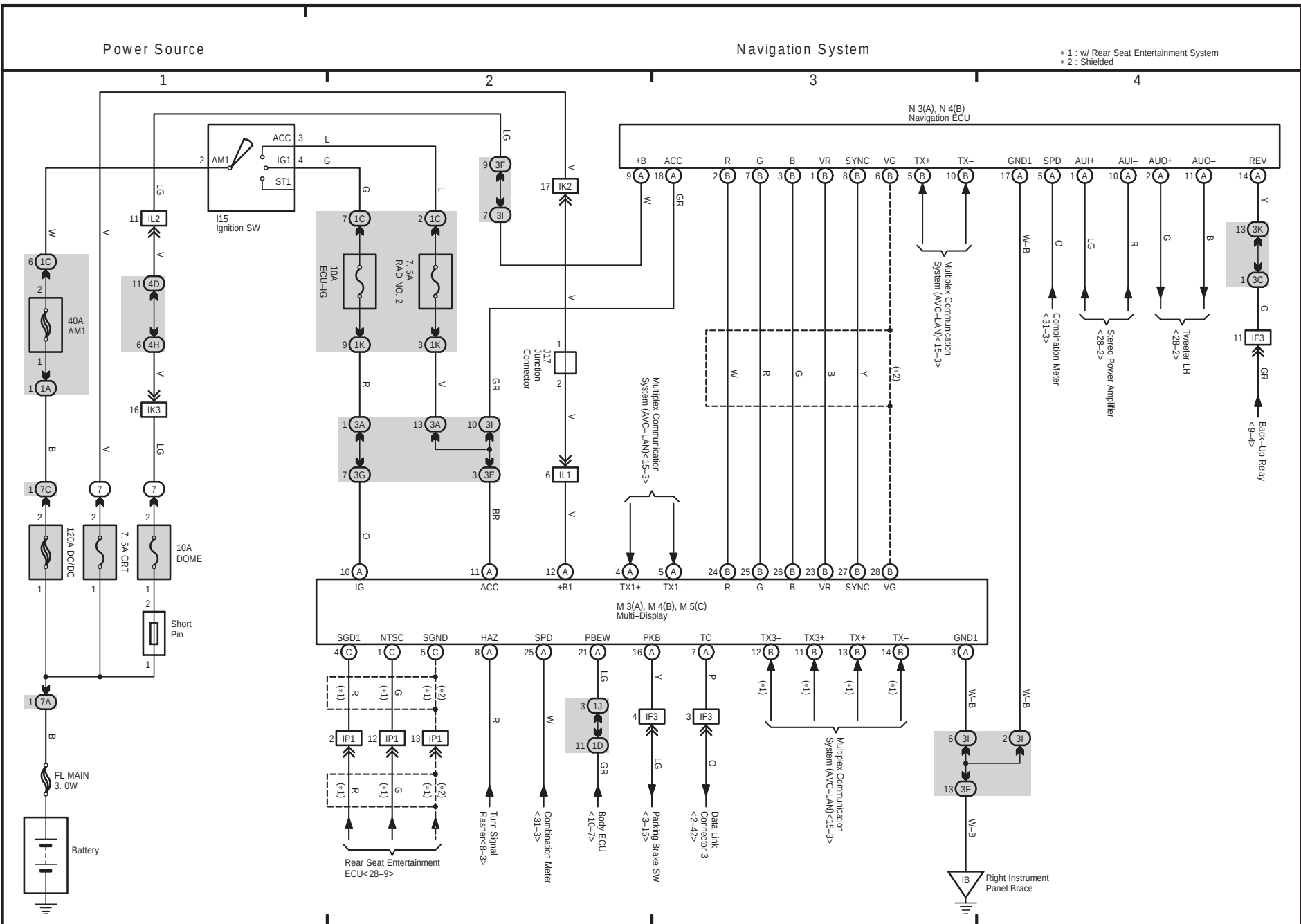
* 4 : Shielded

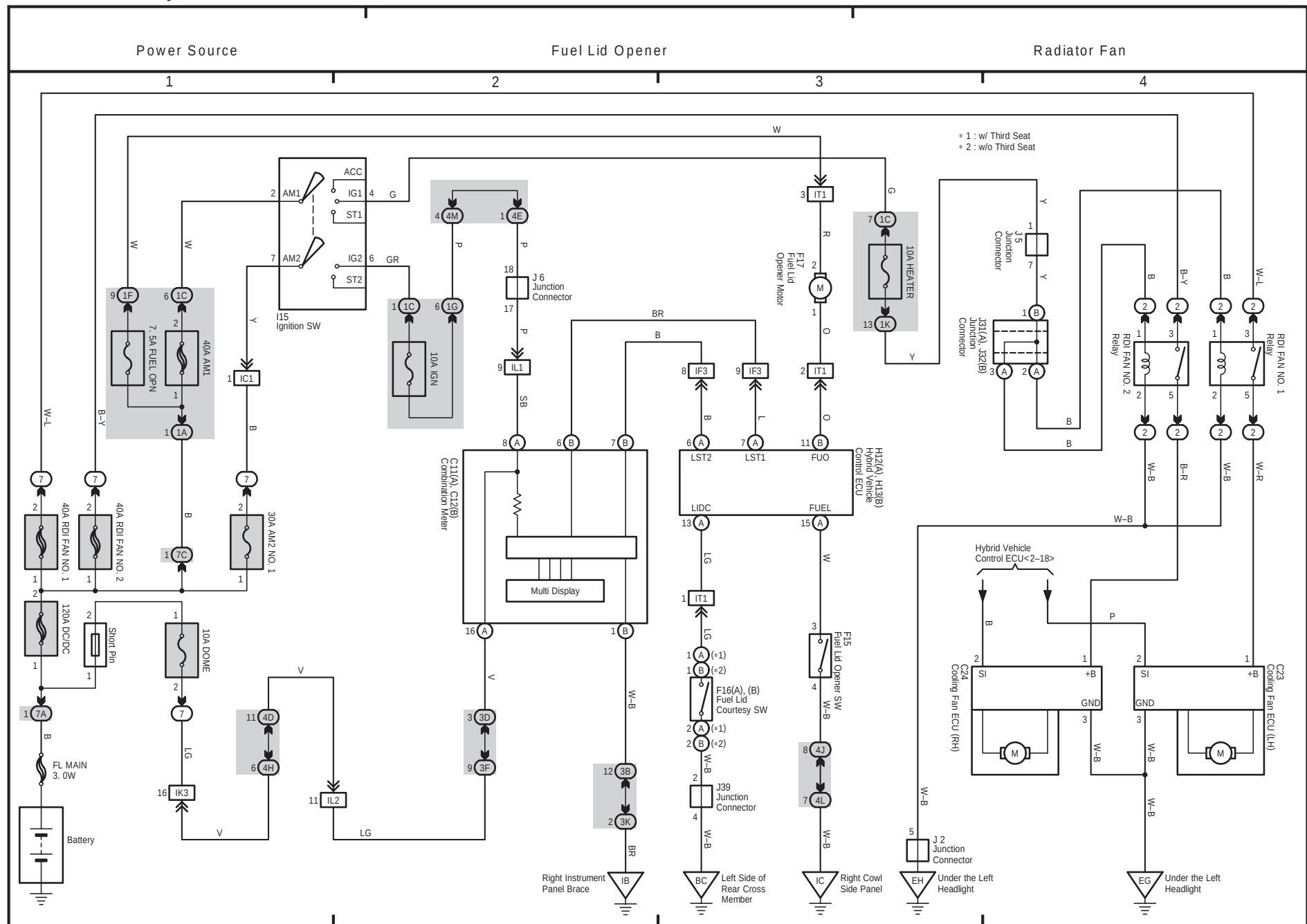


29 HIGHLANDER Hybrid Vehicle

426

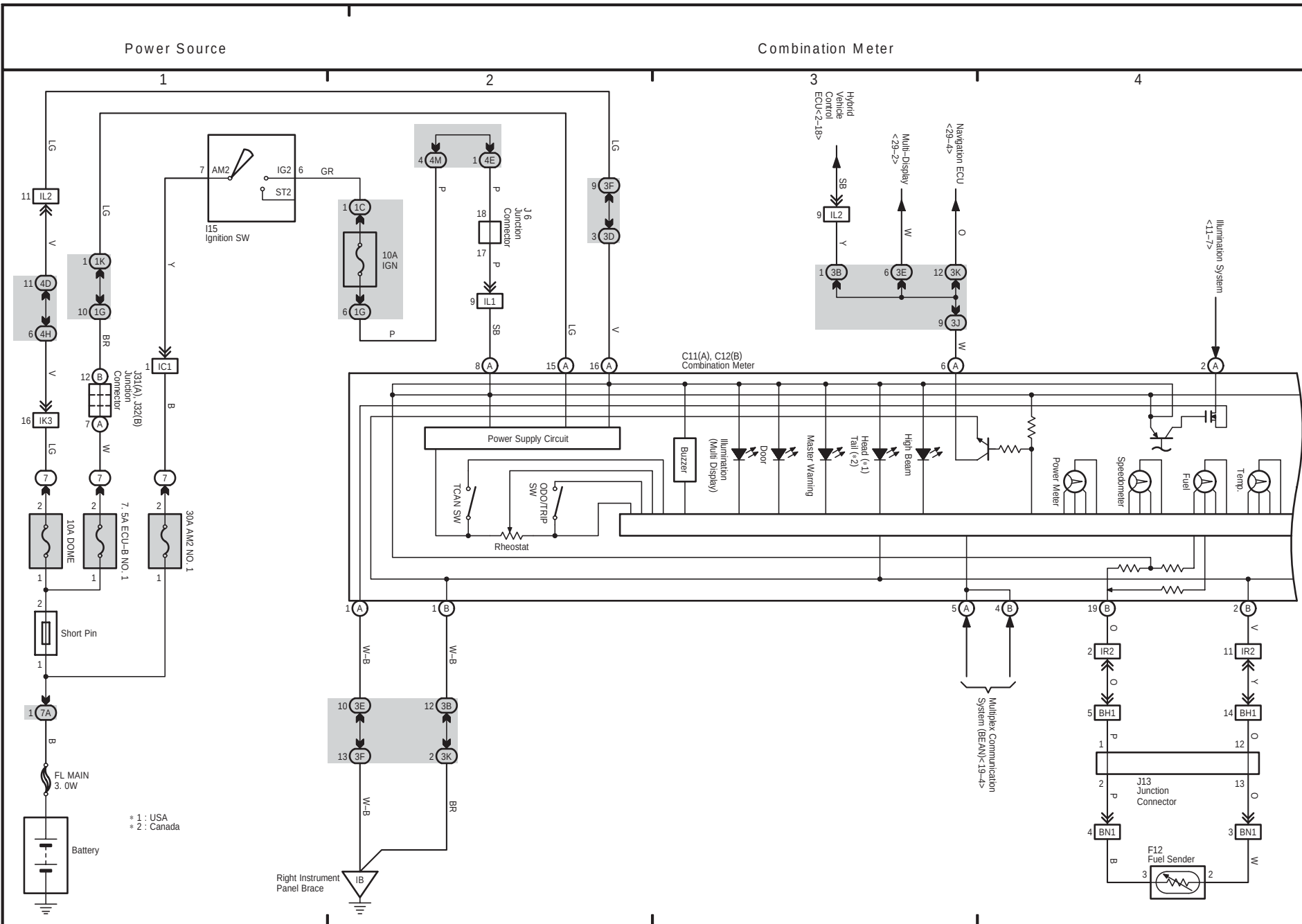
HIGHLANDER Hybrid Vehicle (EWD605U)

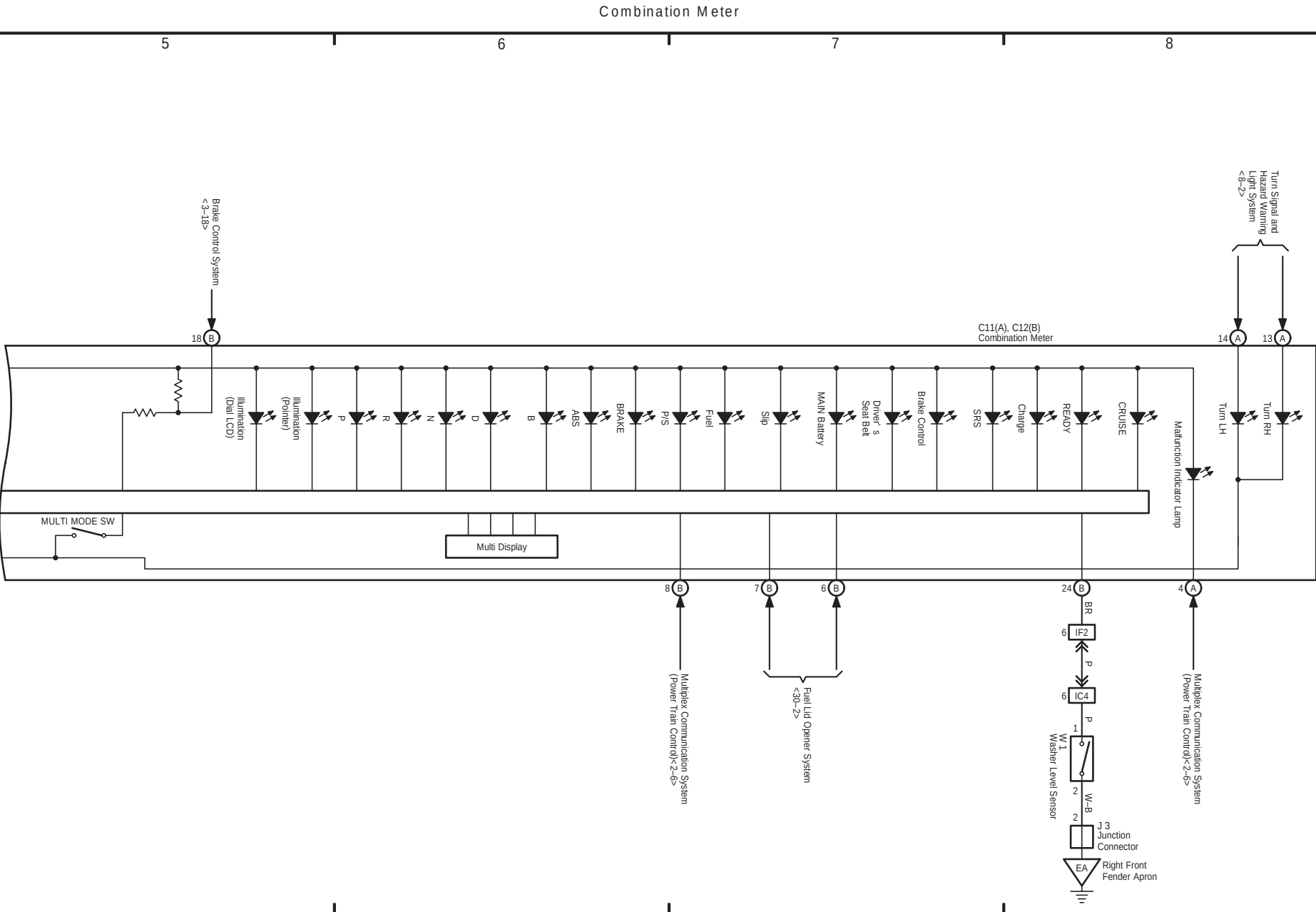


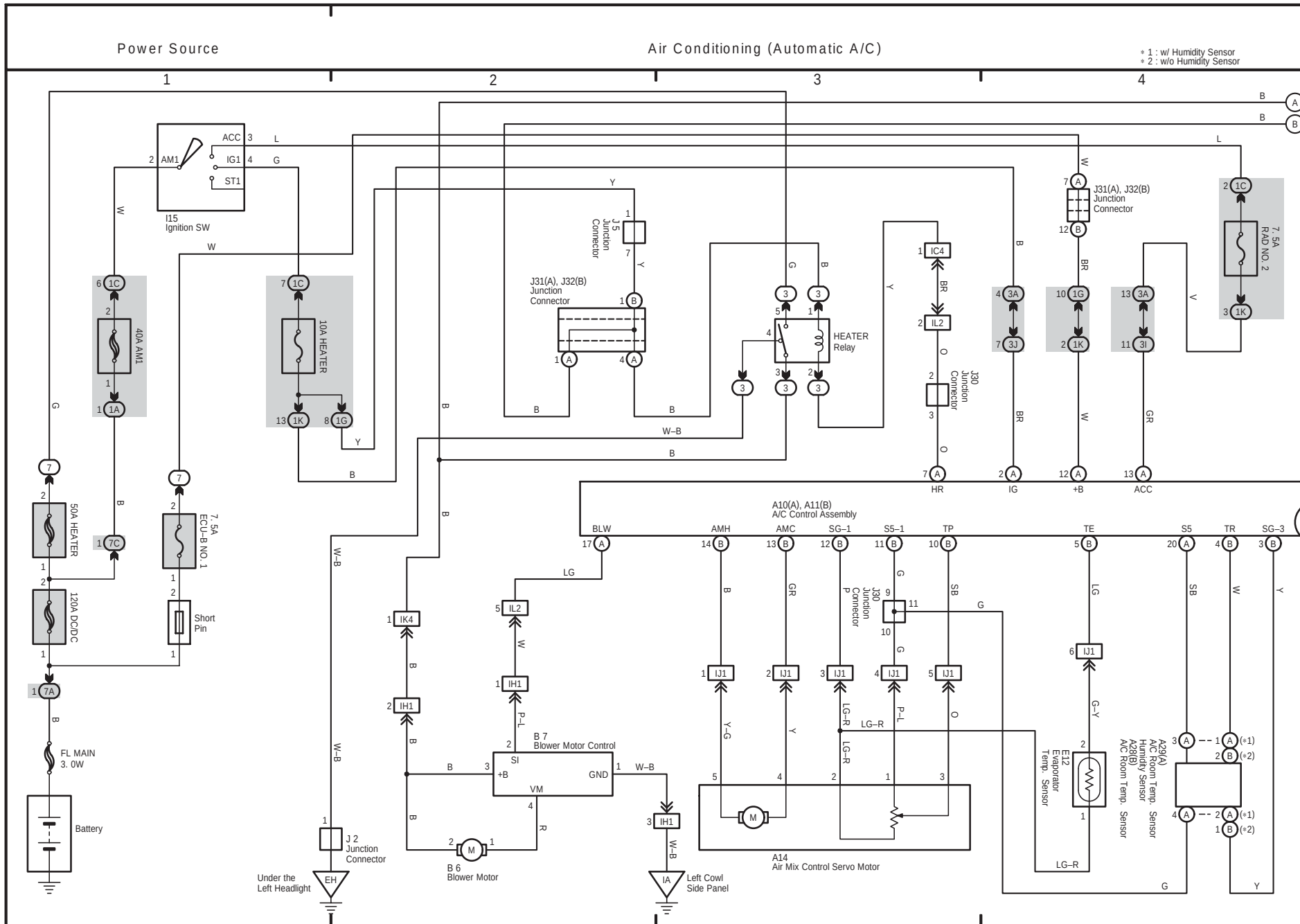


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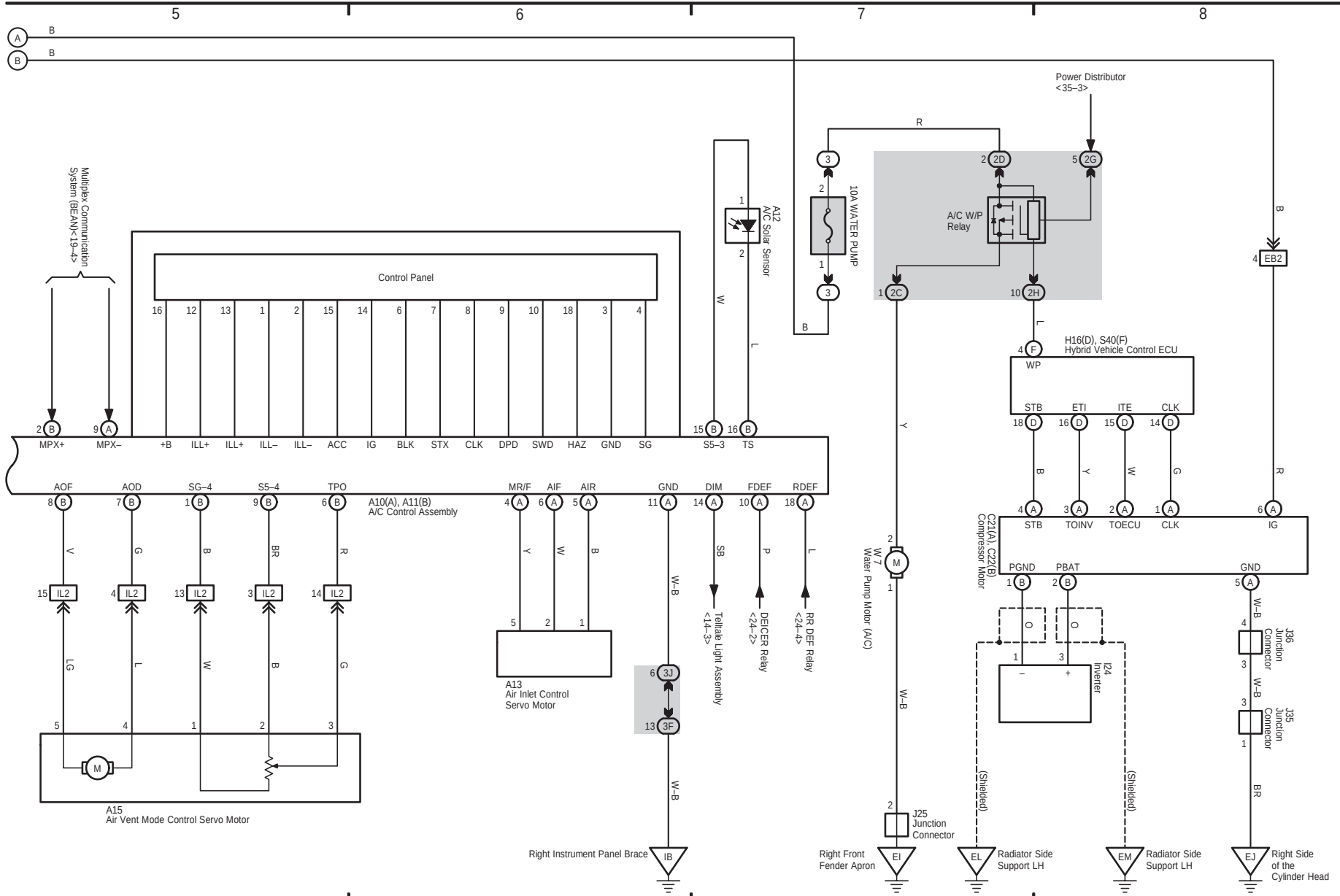
31 HIGHLANDER Hybrid Vehicle

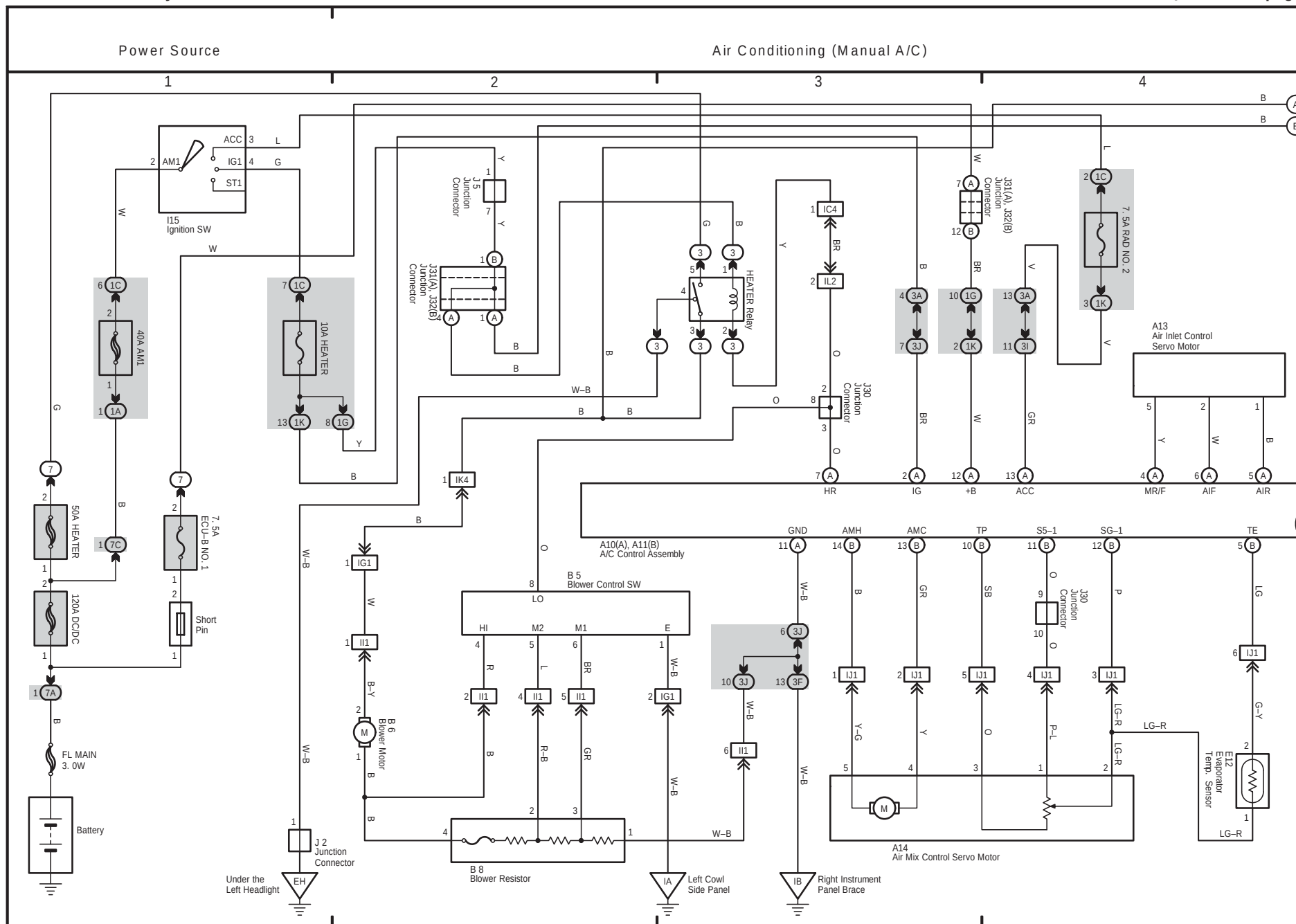




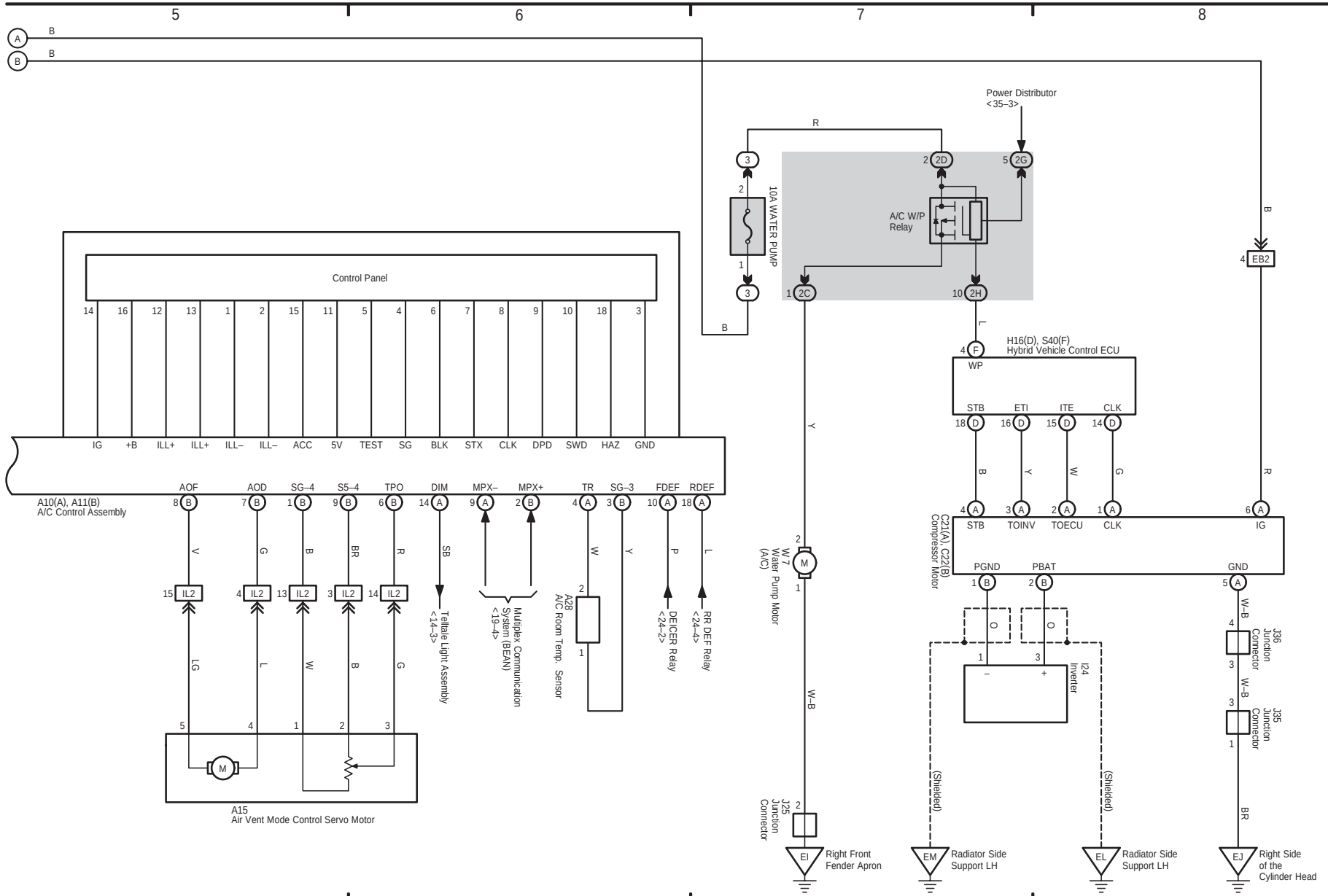


Air Conditioning (Automatic A/C)

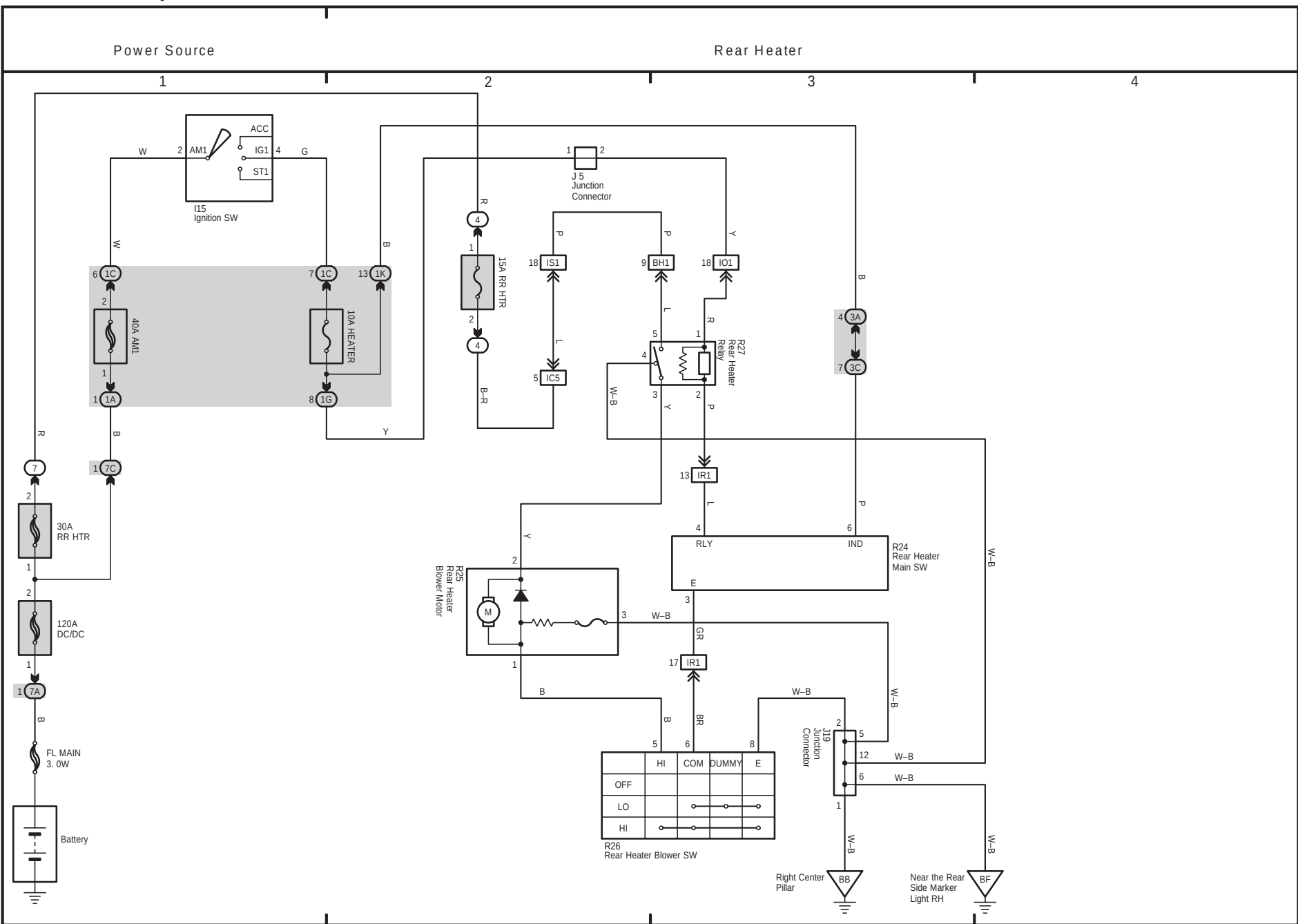




Air Conditioning (Manual A/C)



34 HIGHLANDER Hybrid Vehicle



35 HIGHLANDER Hybrid Vehicle

