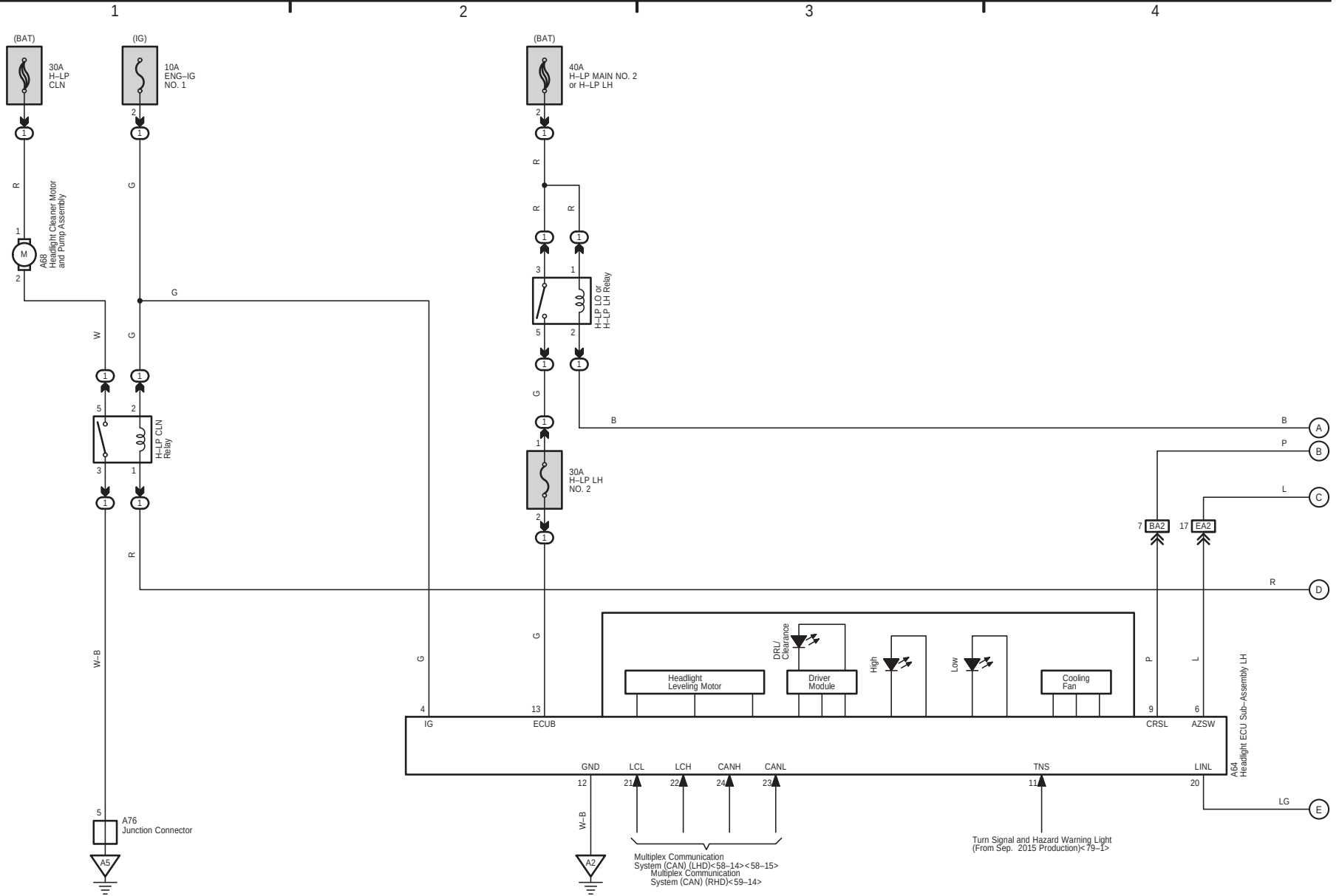


Headlight, Headlight Beam Level Control, Headlight Cleaner (From Sep. 2015 Production)



This wiring diagram illustrates the electrical system for the front lighting of a vehicle, including the headlights, fog lights, and various control modules. The diagram is organized into sections labeled 5, 6, 7, and 8.

Section 5: Shows the main power source (IG) connected to a 10A ENG-IG NO. 1 fuse. The circuit passes through a junction connector (A34) and a 30A H-LP RH NO. 2 fuse. It then splits into two branches: one for the 7.5A WIPER-S and another for the 30A H-LP RH NO. 2 fuse. The circuit is grounded (GND) at the bottom.

Section 6: Shows the main power source (BAT) connected to a 40A H-LP MAIN NO. 1 or H-LP RH fuse. The circuit passes through a junction connector (A34) and a 30A H-LP RH NO. 2 fuse. It then splits into two branches: one for the 7.5A WIPER-S and another for the 30A H-LP RH NO. 2 fuse. The circuit is grounded (GND) at the bottom.

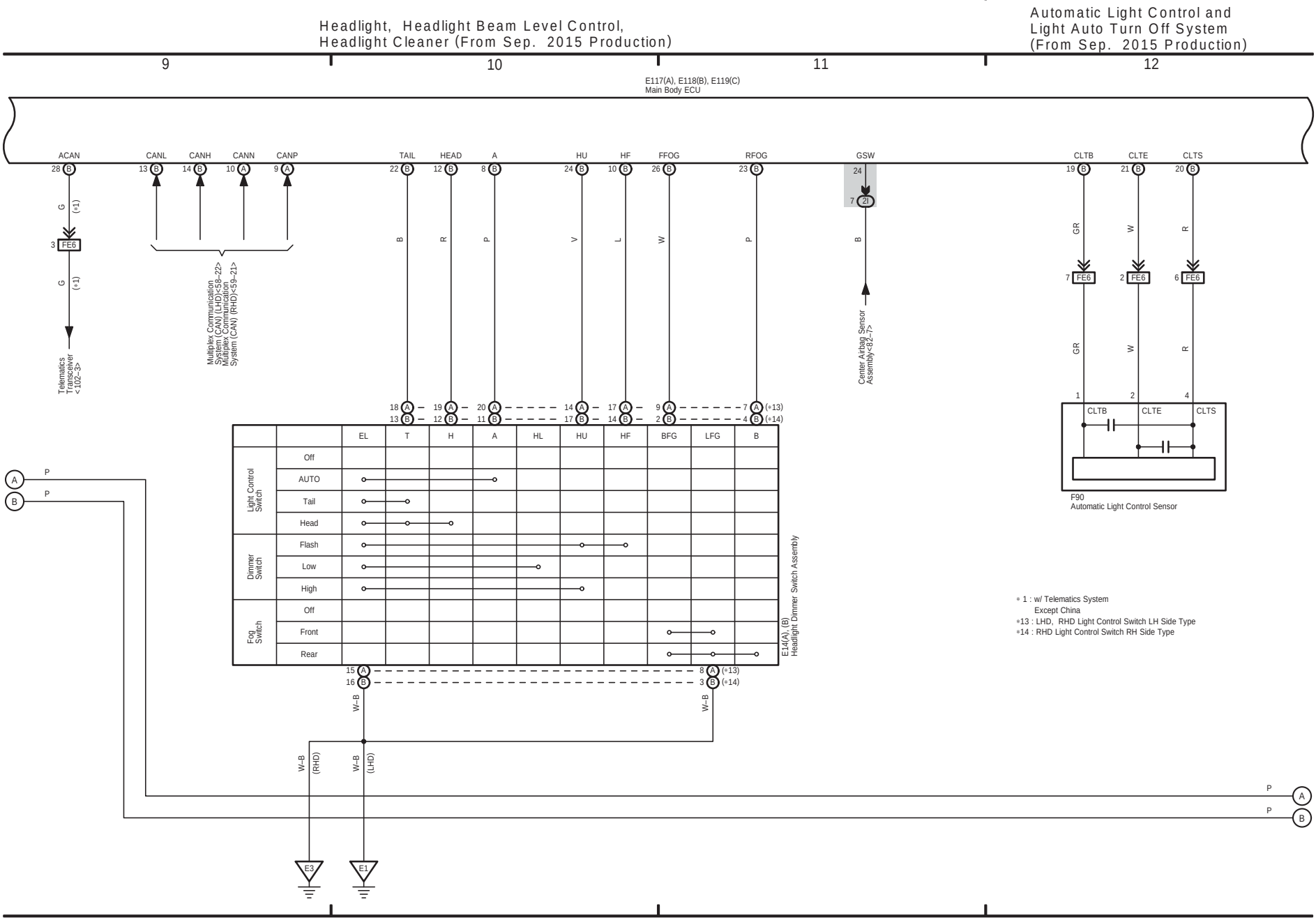
Section 7: Shows the main power source (IG) connected to a 5A ECU-IG NO. 7 fuse. The circuit passes through a junction connector (A34) and a 10A ECU-ACC NO. 1 fuse. It then splits into two branches: one for the 30A H-LP RH NO. 2 fuse and another for the 7.5A WIPER-S. The circuit is grounded (GND) at the bottom.

Section 8: Shows the main power source (ACC) connected to a 10A ECU-ACC NO. 1 fuse. The circuit passes through a junction connector (A34) and a 30A H-LP RH NO. 2 fuse. It then splits into two branches: one for the 7.5A WIPER-S and another for the 30A H-LP RH NO. 2 fuse. The circuit is grounded (GND) at the bottom.

Key Components and Connections:

- Headlight Leveling Motor:** Connected to the H-LP RH NO. 2 fuse.
- Driver Module:** Connected to the H-LP RH NO. 2 fuse.
- High/Low Beam Relays:** Connected to the H-LP RH NO. 2 fuse.
- Wiper Motor:** Connected to the 7.5A WIPER-S fuse.
- ECU-ACC NO. 1:** Connected to the 10A ECU-ACC NO. 1 fuse.
- ECU-IG NO. 7:** Connected to the 5A ECU-IG NO. 7 fuse.
- Washer Motor and Pump Assembly:** Connected to the 7.5A WIPER-S fuse.
- Headlight ECU Sub-Assembly RH:** Connected to the H-LP RH NO. 2 fuse.
- Combination Switch Assembly:** Connected to the H-LP RH NO. 2 fuse.
- Automatic High Beam:** Connected to the H-LP RH NO. 2 fuse.
- Headlight Cleaner:** Connected to the H-LP RH NO. 2 fuse.
- Turn Signal and Hazard Warning Light System:** Connected to the H-LP RH NO. 2 fuse.

The diagram uses standard electrical symbols for fuses, relays, motors, and ground connections. Wires are color-coded and labeled with their respective functions (e.g., H-LP, WIPER-S, ECU-ACC, ECU-IG).



LEXUS LX570/LX460/LX450d (EM27C4E)

Front Fog Light (From Sep. 2015 Production)

Rear Fog Light (From Sep. 2015 Production)

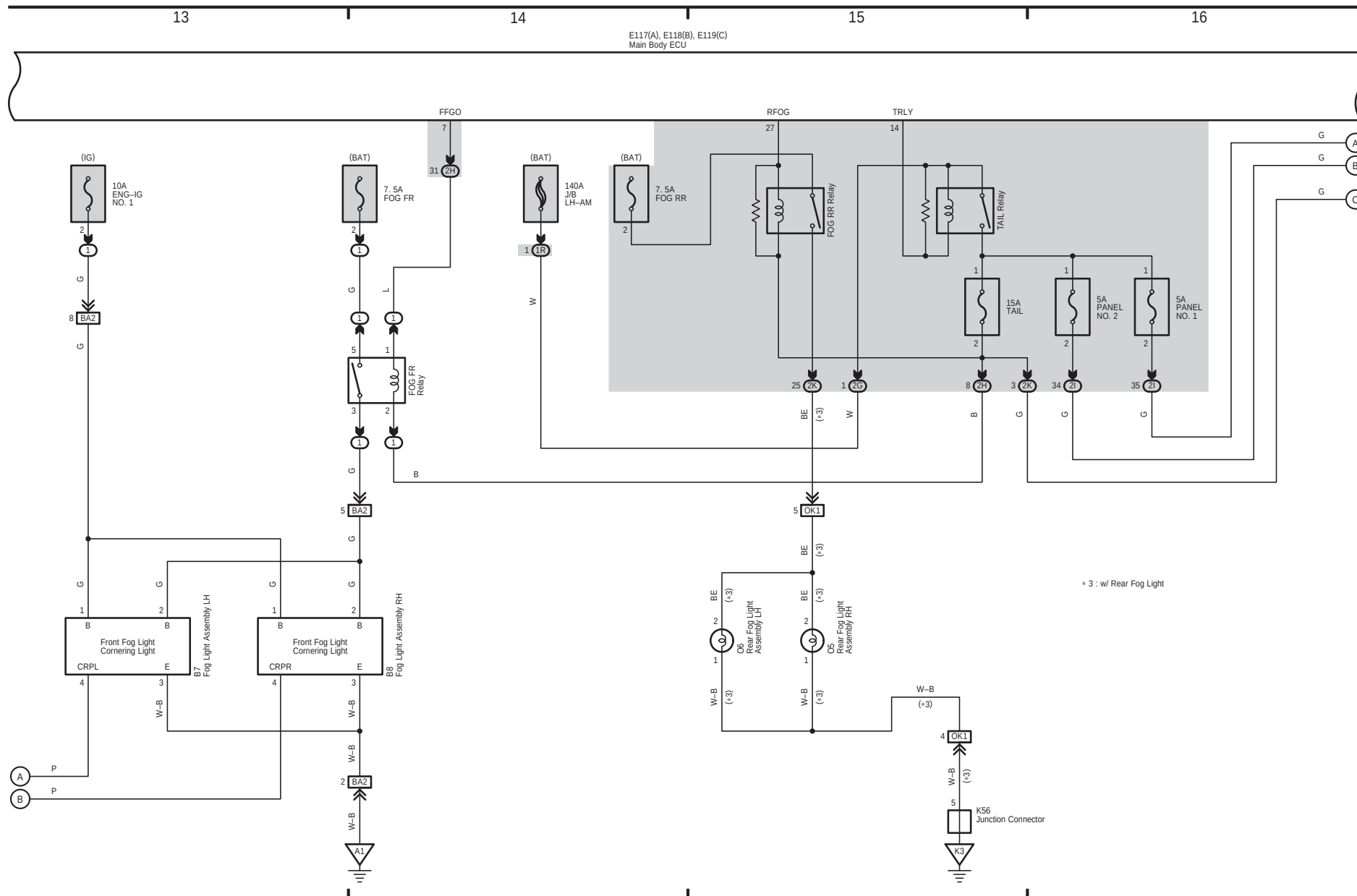


Diagram illustrating the wiring connections for the Main Body ECU (E117(A), E118(B), E119(C)) to various vehicle components.

Legend:

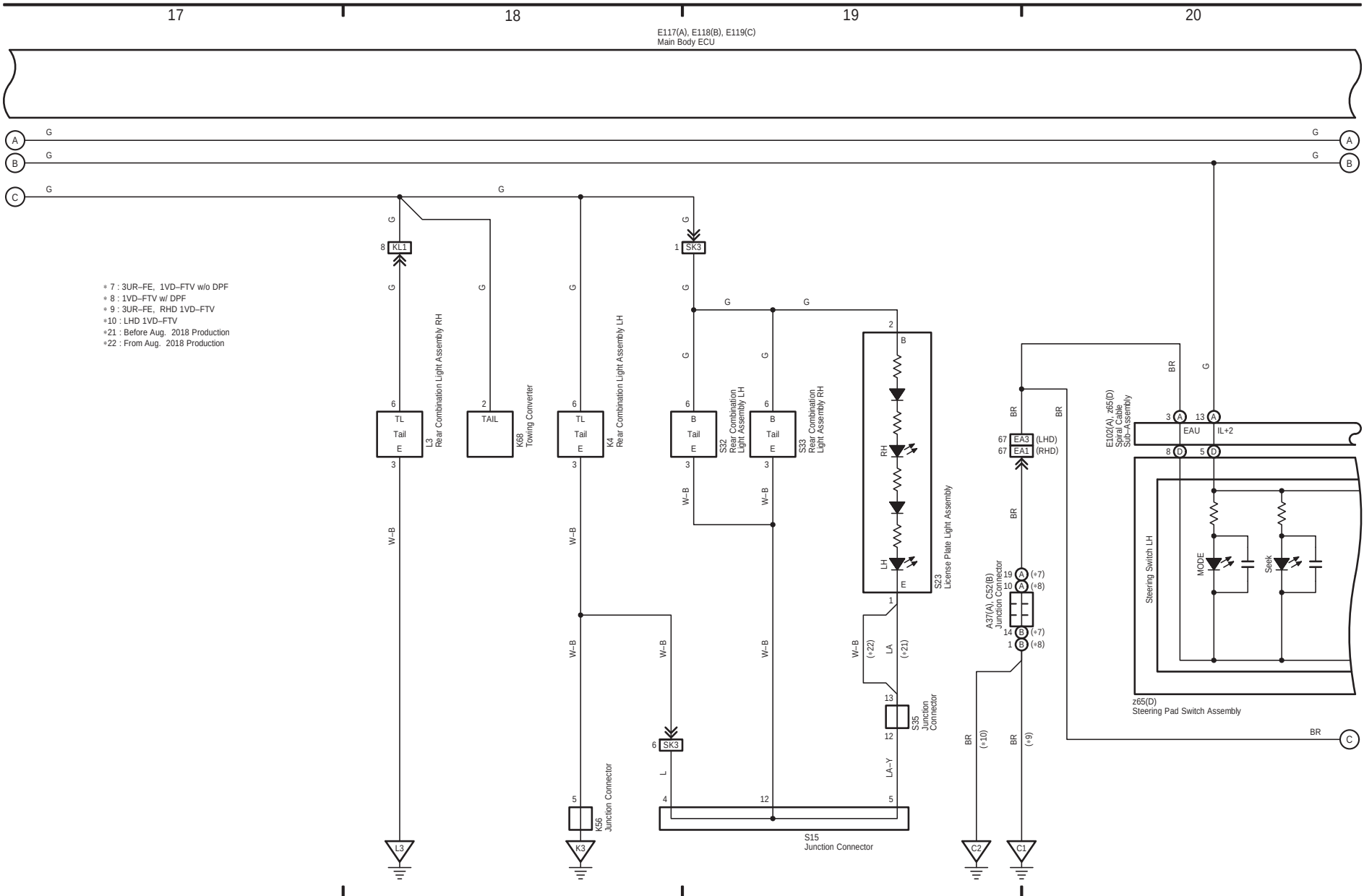
- * 7 : 3UR-FE, 1VD-FTV w/o DPF
- * 8 : 1VD-FTV w/ DPF
- * 9 : 3UR-FE, RHD 1VD-FTV
- * 10 : LHD 1VD-FTV
- * 21 : Before Aug. 2018 Production
- * 22 : From Aug. 2018 Production

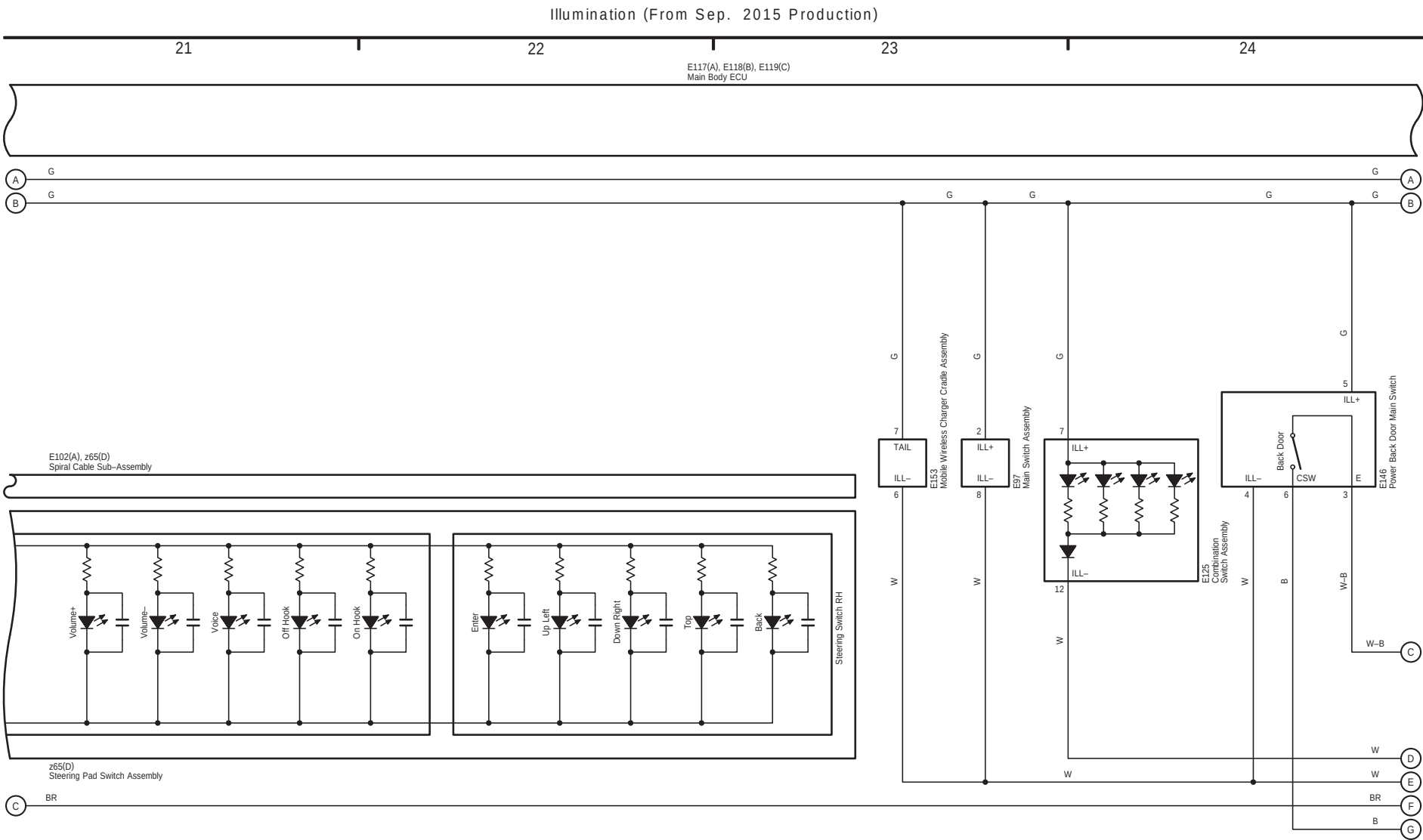
Key Components and Connections:

- Rear Combination Light Assembly RH (L3):** Connected to GND (G) and W-B. Includes a fuse (KL1) and a towing converter (K48).
- Rear Combination Light Assembly LH (K4):** Connected to GND (G) and W-B. Includes a fuse (SK3) and a towing converter (K48).
- Rear Combination Light Assembly LH (S32):** Connected to GND (G) and W-B. Includes a fuse (SK3) and a towing converter (K48).
- Rear Combination Light Assembly RH (S33):** Connected to GND (G) and W-B. Includes a fuse (SK3) and a towing converter (K48).
- License Plate Light Assembly (S23):** Connected to GND (G) and W-B. Includes a fuse (SK3) and a towing converter (K48).
- Steering Switch LH (z65(D) Steering Pad Switch Assembly):** Connected to GND (G) and W-B. Includes a fuse (SK3) and a towing converter (K48).
- Steering Switch LH (z65(D) Steering Pad Switch Assembly):** Connected to GND (G) and W-B. Includes a fuse (SK3) and a towing converter (K48).

Wiring Details:

- W-B (White-Black):** Main power line for the rear light assemblies and steering switch.
- G (Green):** Ground connection for the rear light assemblies and steering switch.
- LA (Light Assembly):** Connections for the rear light assemblies.
- LA-Y (Light Assembly-Yellow):** Connection for the rear light assembly.
- LA-X (Light Assembly-Black):** Connection for the rear light assembly.
- LA-Z (Light Assembly-Red):** Connection for the rear light assembly.
- LA-W (Light Assembly-White):** Connection for the rear light assembly.
- LA-V (Light Assembly-Violet):** Connection for the rear light assembly.
- LA-U (Light Assembly-Blue):** Connection for the rear light assembly.
- LA-T (Light Assembly-Tan):** Connection for the rear light assembly.
- LA-S (Light Assembly-Silver):** Connection for the rear light assembly.
- LA-R (Light Assembly-Red):** Connection for the rear light assembly.
- LA-Q (Light Assembly-Black):** Connection for the rear light assembly.
- LA-P (Light Assembly-White):** Connection for the rear light assembly.
- LA-O (Light Assembly-Black):** Connection for the rear light assembly.
- LA-N (Light Assembly-Black):** Connection for the rear light assembly.
- LA-M (Light Assembly-Black):** Connection for the rear light assembly.
- LA-L (Light Assembly-Black):** Connection for the rear light assembly.
- LA-K (Light Assembly-Black):** Connection for the rear light assembly.
- LA-J (Light Assembly-Black):** Connection for the rear light assembly.
- LA-I (Light Assembly-Black):** Connection for the rear light assembly.
- LA-H (Light Assembly-Black):** Connection for the rear light assembly.
- LA-G (Light Assembly-Black):** Connection for the rear light assembly.
- LA-F (Light Assembly-Black):** Connection for the rear light assembly.
- LA-E (Light Assembly-Black):** Connection for the rear light assembly.
- LA-D (Light Assembly-Black):** Connection for the rear light assembly.
- LA-C (Light Assembly-Black):** Connection for the rear light assembly.
- LA-B (Light Assembly-Black):** Connection for the rear light assembly.
- LA-A (Light Assembly-Black):** Connection for the rear light assembly.





(A) G
(B) G

(A) G
(B) G

E102(A), z65(D)
Spiral Cable Sub-Assembly

z65(D)
Steering Pad Switch Assembly

TAIL
ILL-
6

E153
Mobile Wireless Changer Cradle Assembly

ILL+
ILL-
8

E87
Main Switch Assembly

ILL+
ILL-
7
12

E125
Combination Switch Assembly

Back Door
CSW
ILL-
4
6
3

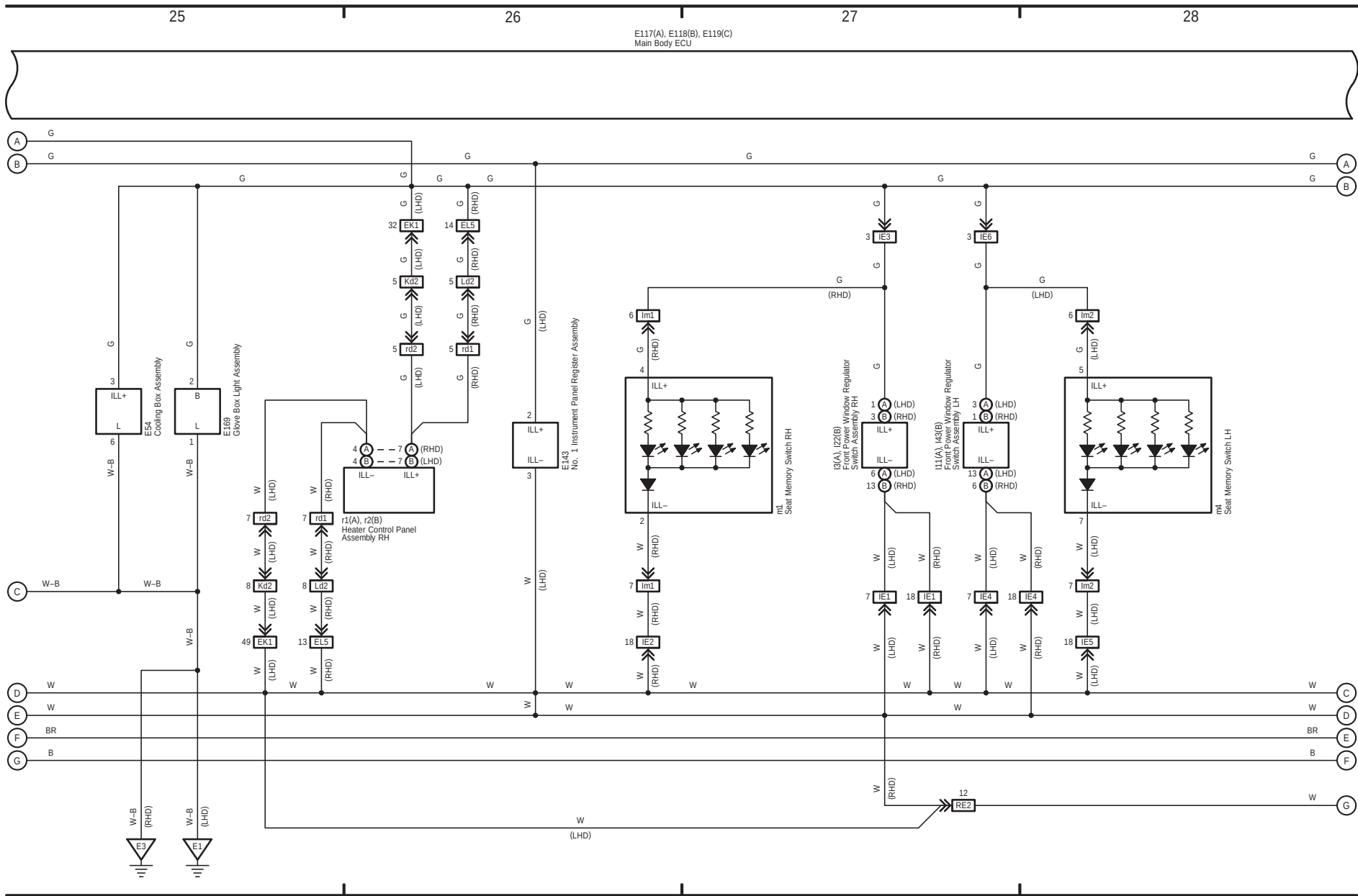
E146
Power Back Door Main Switch

W-B
(C)

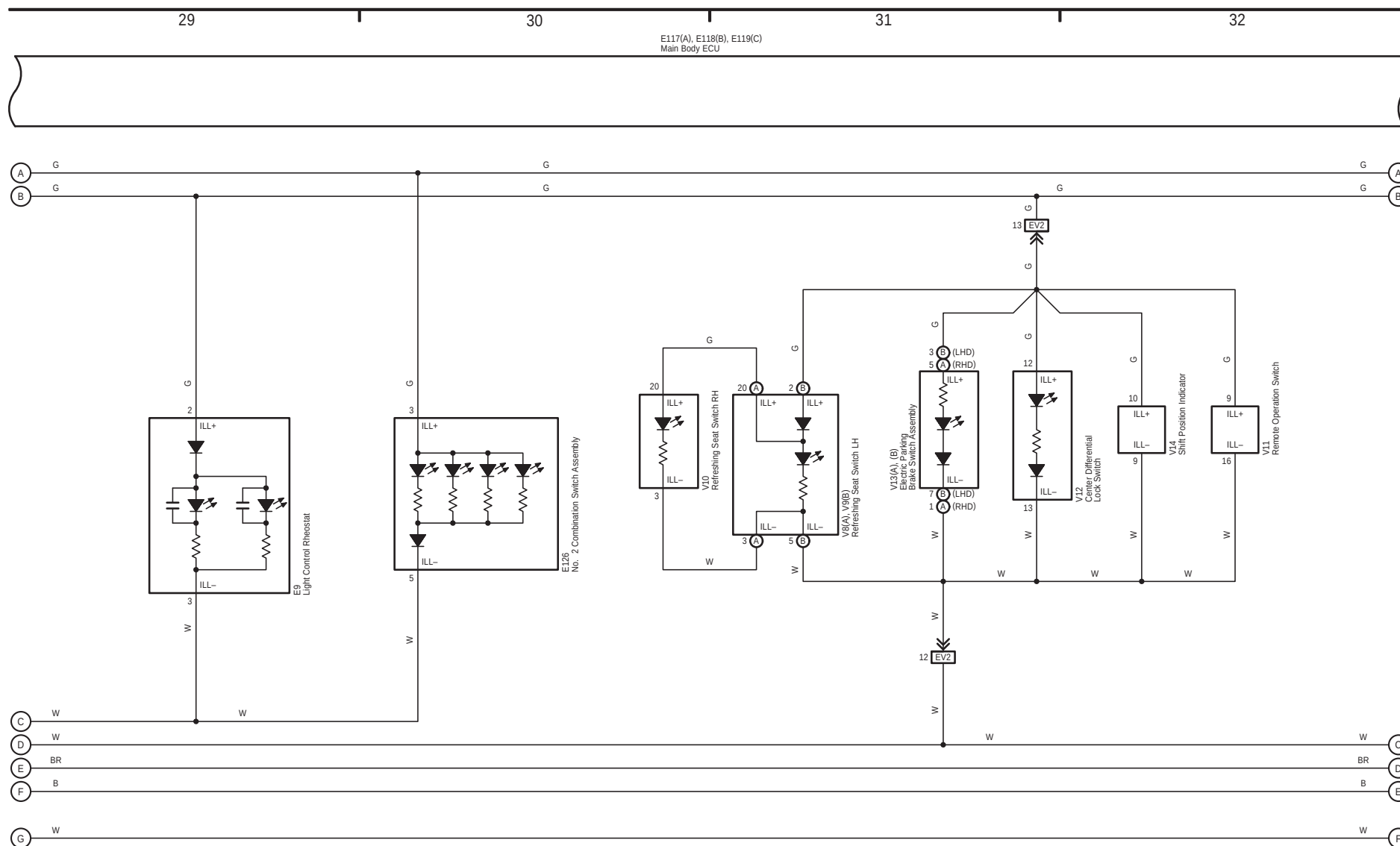
W
W
BR
B
(D)
(E)
(F)
(G)

(C) BR

Illumination (From Sep. 2015 Production)



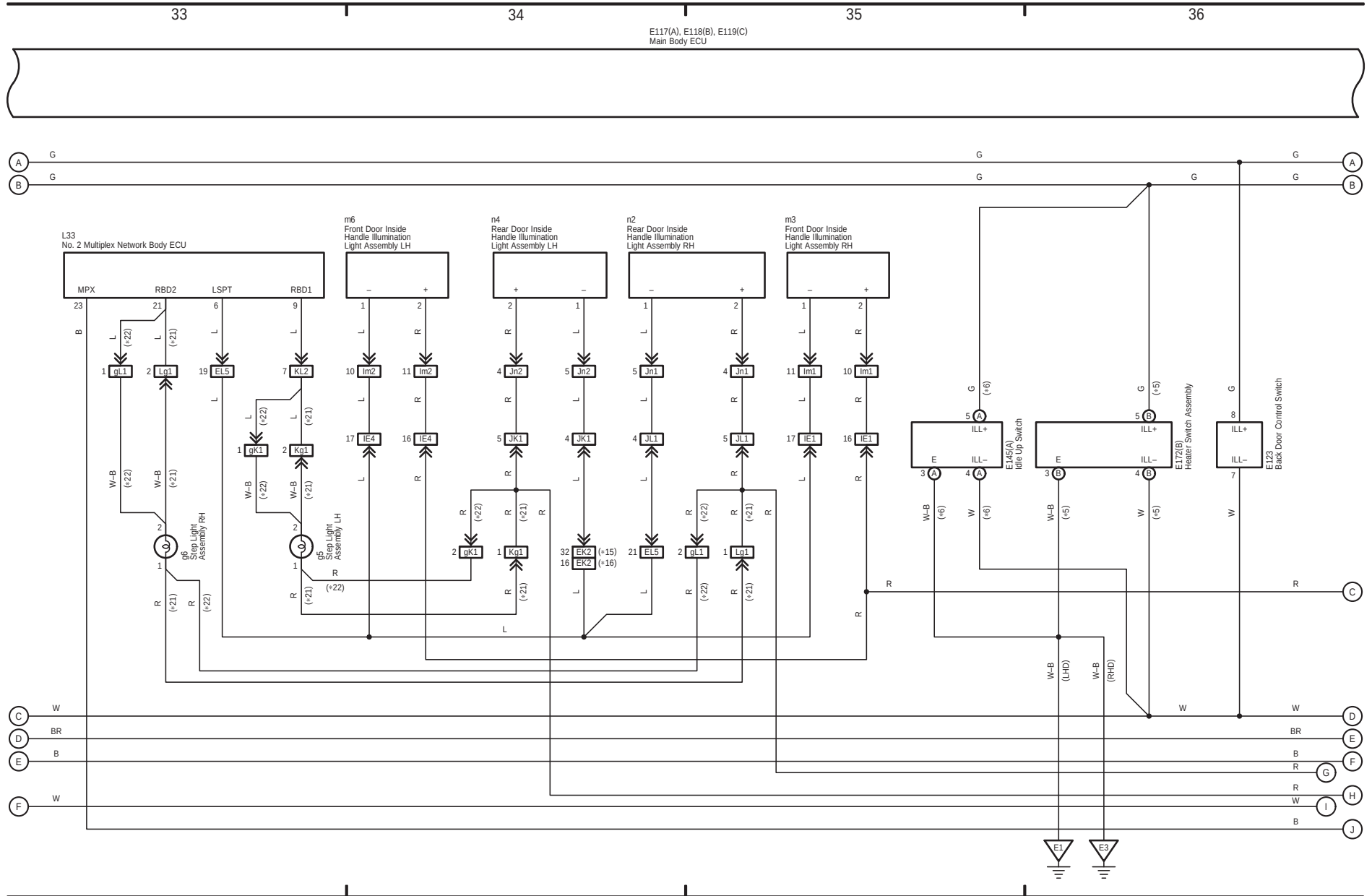
Illumination (From Sep. 2015 Production)



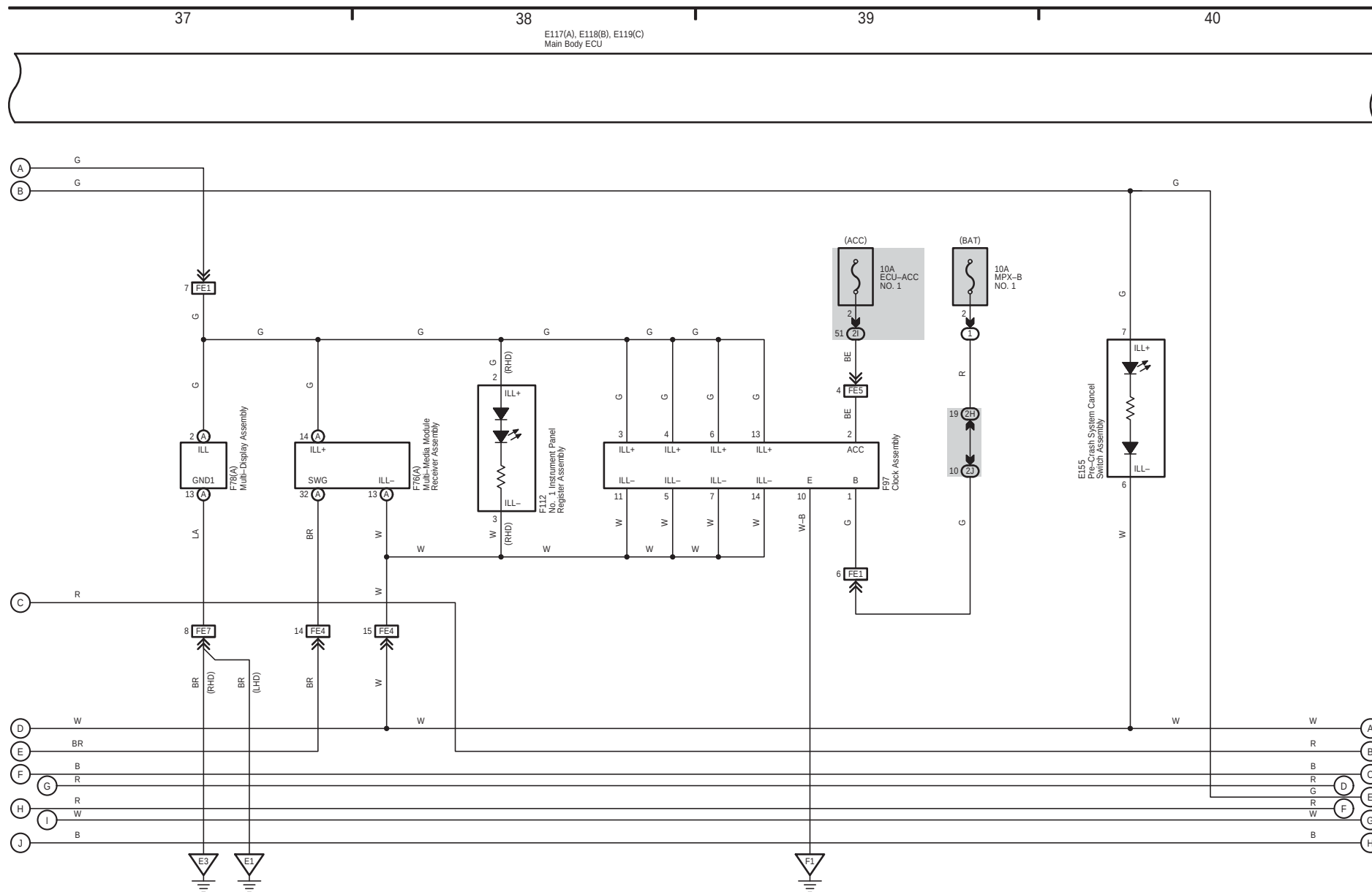
Illumination (From Sep. 2015 Production)

* 5 : w/ Viscous Heater
 * 6 : w/o Viscous Heater
 * 15 : Before Aug. 2016 Production

* 16 : From Aug. 2016 Production
 * 21 : Before Aug. 2018 Production
 * 22 : From Aug. 2018 Production

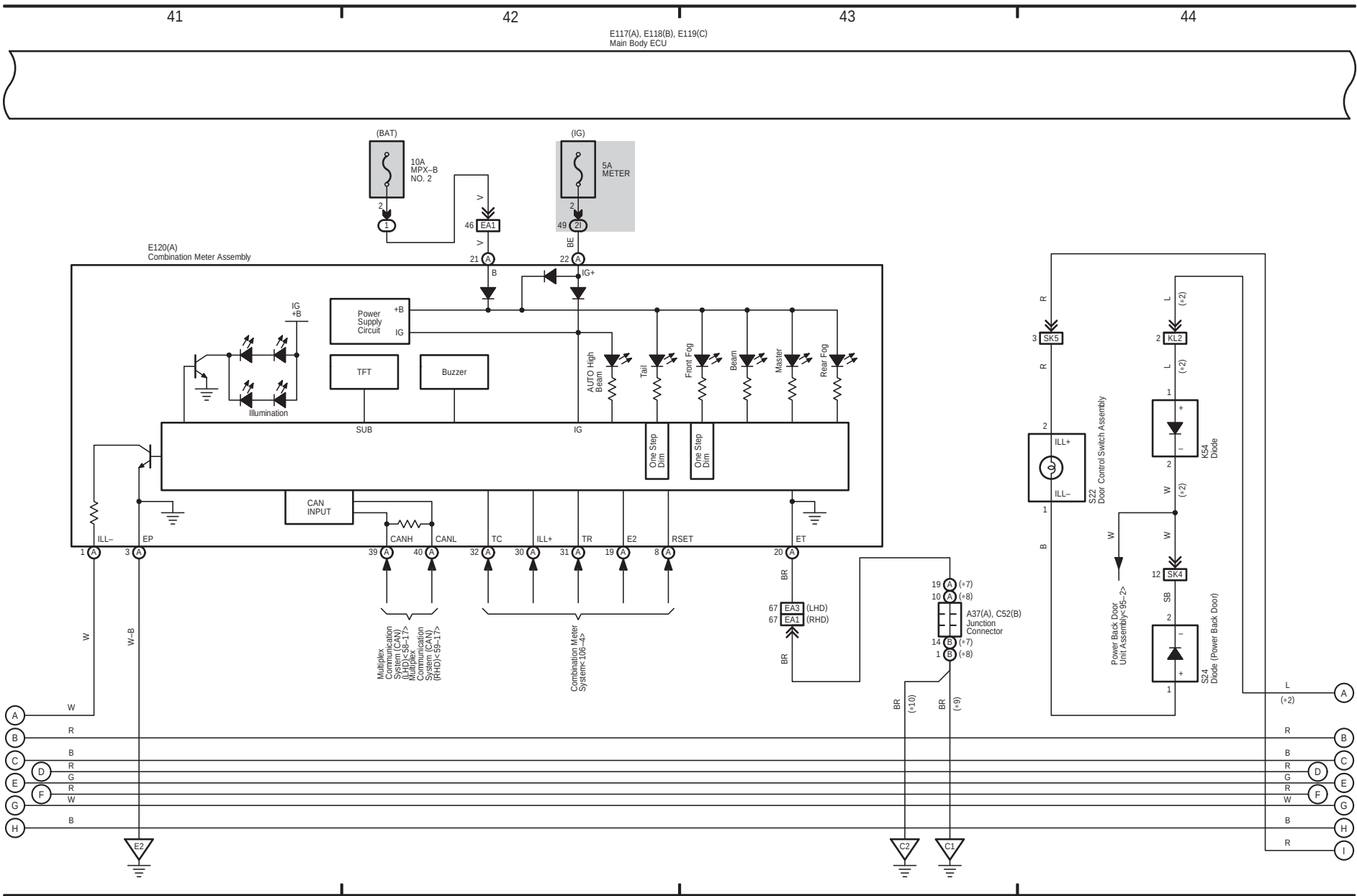


Illumination (From Sep. 2015 Production)



- * 2 : Automatic Folding-Up Function
- * 7 : 3UR-FE, 1VD-FTV w/o DPF
- * 8 : 1VD-FTV w/ DPF
- * 9 : 3UR-FE, RHD 1VD-FTV
- * 10 : LHD 1VD-FTV

Illumination (From Sep. 2015 Production)

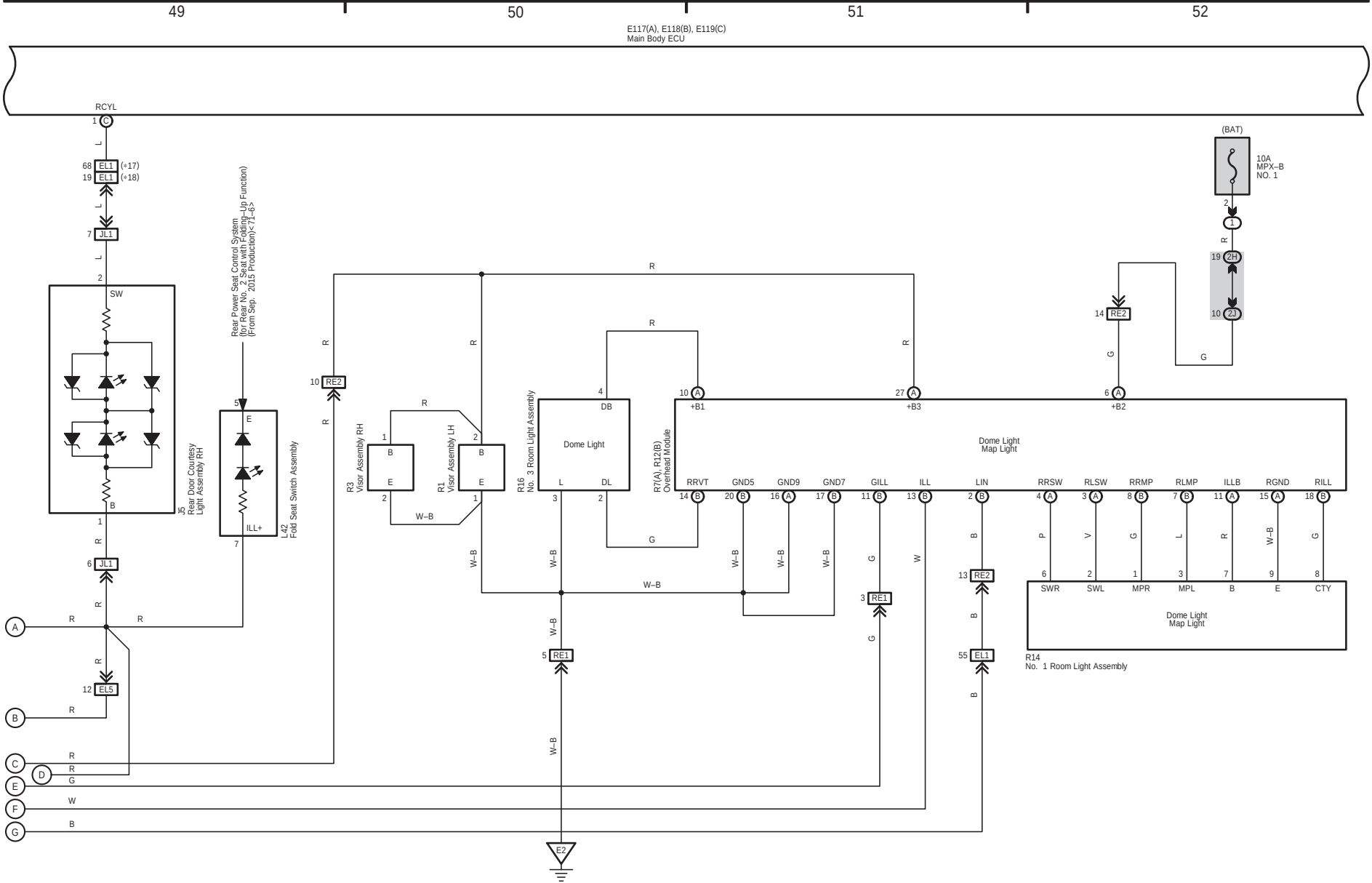


LEXUS LX570/LX460/LX450d (EM27C4E)

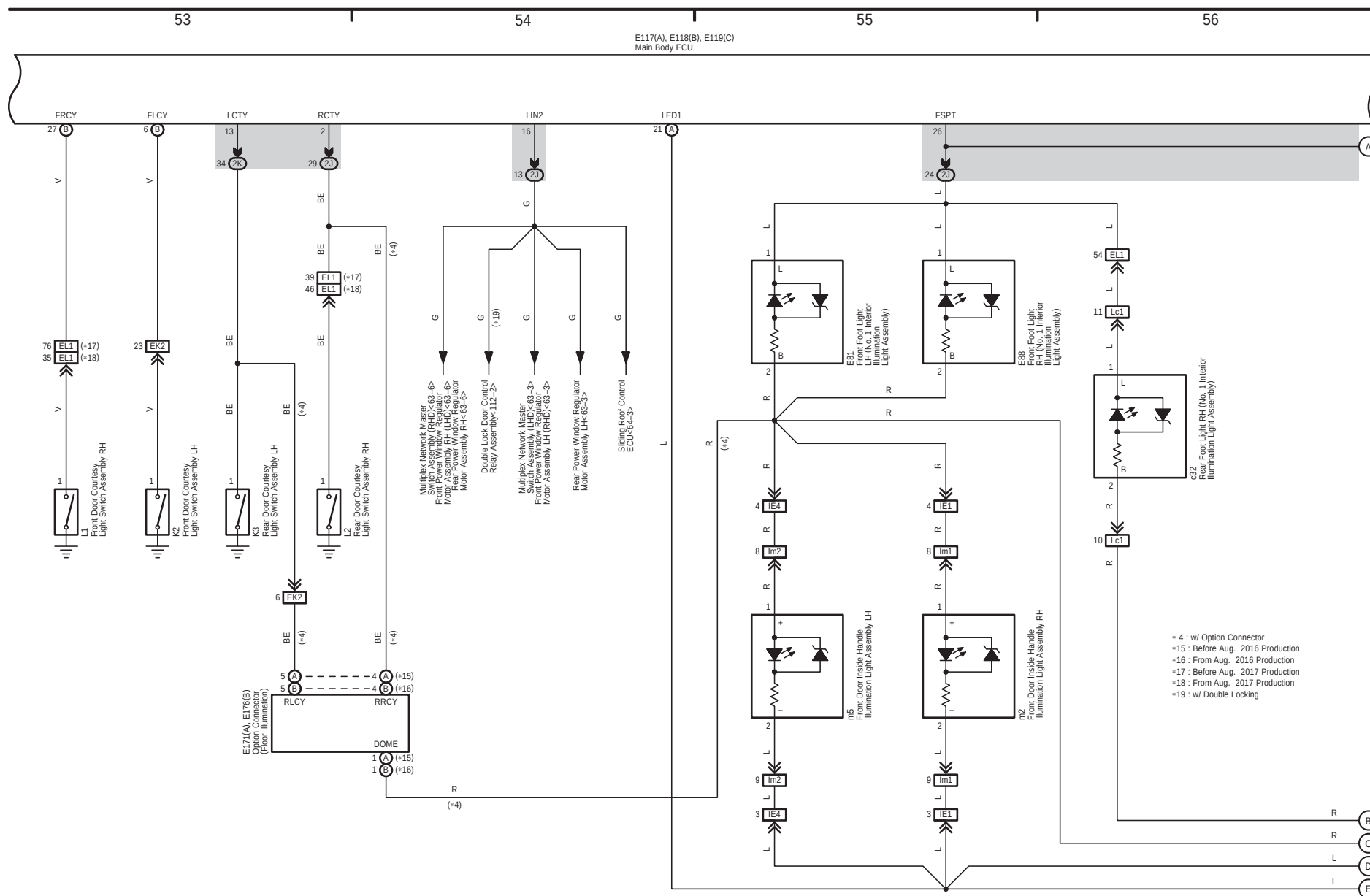
Illumination (From
Sep. 2015 Production)

Interior Light (From Sep. 2015 Production)

*17 : Before Aug. 2017 Production
*18 : From Aug. 2017 Production



Interior Light (From Sep. 2015 Production)



Door Lock Control (From Sep. 2015 Production)

The diagram illustrates the electrical wiring for the Main Body ECU, organized into three main sections:

- Section 57 (Left):** Shows the wiring for interior lighting. It includes the n1 Rear Door Inside Handle Illumination Light Assembly RH, n2 Rear Door Inside Handle Illumination Light Assembly LH, n3 Rear Door Inside Handle Illumination Light Assembly LH, and n4 Rear Front Light LH (No. 1 Interior Illumination Light Assembly). Connections involve relays (Jn1, Jn2, Jn3, Jn4), fuses (EL1, EL2, EL3, EL4), and ground points (A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13, A14, A15, A16, A17, A18, A19, A20, A21, A22, A23, A24, A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A35, A36, A37, A38, A39, A40, A41, A42, A43, A44, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, A69, A70, A71, A72, A73, A74, A75, A76, A77, A78, A79, A80, A81, A82, A83, A84, A85, A86, A87, A88, A89, A90, A91, A92, A93, A94, A95, A96, A97, A98, A99, A100).
- Section 58 (Middle):** Shows the wiring for the horn and door lock buzzer. It includes the BZR (21) and the A69 Wireless Door Lock Buzzer. Connections involve the HORN (28) and the A1 ground point.
- Section 59 (Right):** Shows the wiring for the door control battery (E148) and various relays. It includes the BATB (2), IG (8), DRLY (11), BECU (4), ACTG (9), and EDOR (3). Connections involve the GND1 (2) and GND2 (10) ground points, and the E2, E1, and E3 ground points.

E117(A), E118(B), E119(C)
Main Body ECU

M

