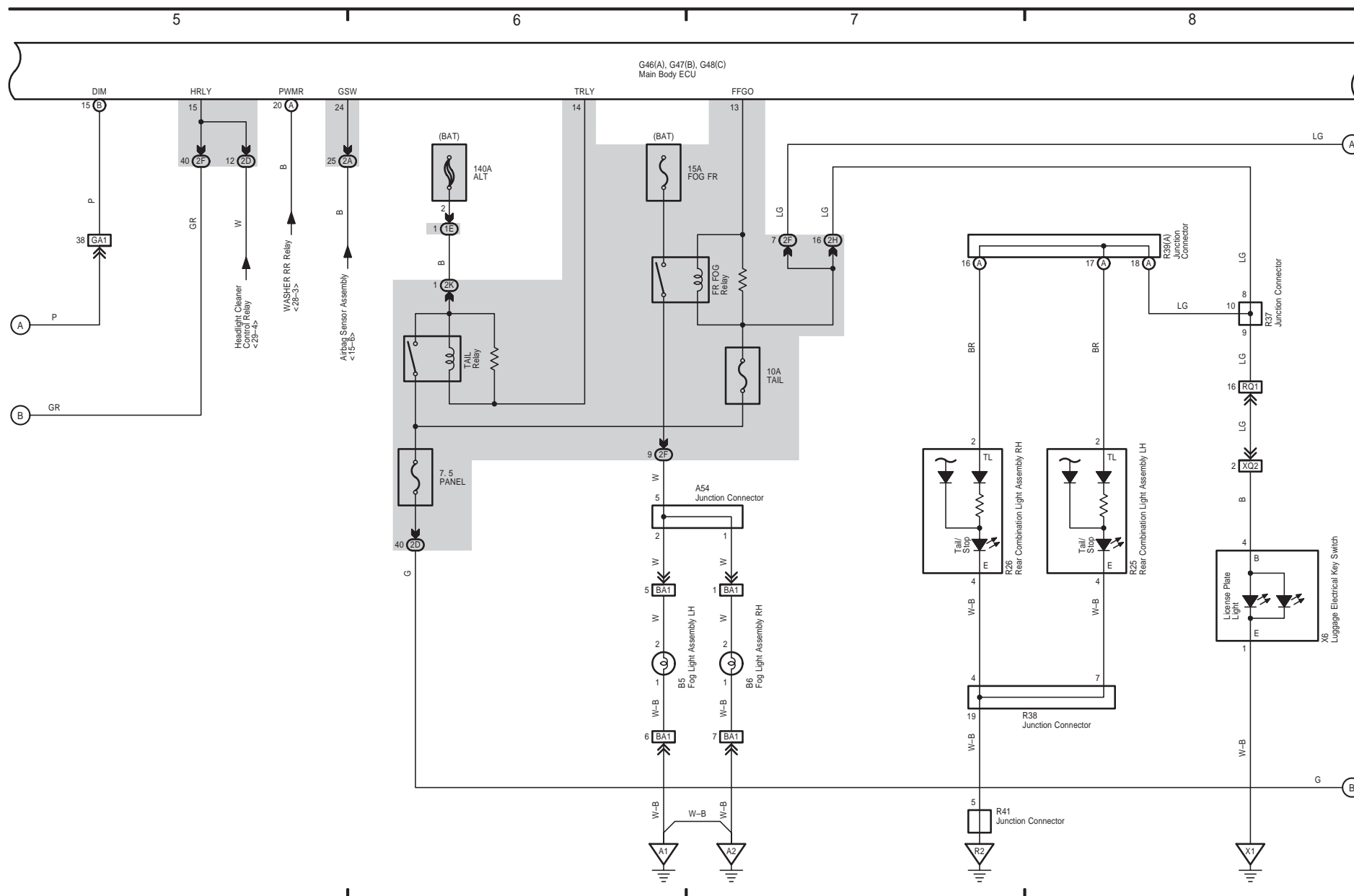


Multiplex Communication System (Body Control)




Wiring diagram for the Main Body ECU (G46(A), G47(B), G48(C)).

Power Distribution Rail (Top): 69, 93, 94, 33, 58, 34, 22 (Terminals 3A).

Grounding Points (Bottom): A, B, C, D, E (Terminals).

Key Components and Connections:

- Headlight Assembly LH (A25):** Connected to LG (3), W-B (1), and W-B (2).
- Headlight Assembly RH (A26):** Connected to LG (3), W-B (1), and W-B (2).
- Fog RR Relay:** Connected to GR-L (19), GR (2), and W-G (1).
- Rear Fog Back-Up Light Assembly LH (V4):** Connected to W-B (1), W-B (2), and W-B (3).
- Rear Fog Back-Up Light Assembly RH (U4):** Connected to W-B (1), W-B (2), and W-B (3).
- Q11 No. 1 Fold Seal Switch Assembly:** Connected to W-B (1) and W-B (2).
- Q10 Rear Power Seal Switch RH:** Connected to W-B (1) and W-B (2).
- Q5 VSC Off Switch:** Connected to W-B (1) and W-B (2).
- G7 Curtain Airbag Cut Off Switch:** Connected to W-B (1) and W-B (2).
- G61 Fuel Lid Opener Switch:** Connected to W-B (1) and W-B (2).
- G8 Light Control Rheostat:** Connected to W-B (1) and W-B (2).



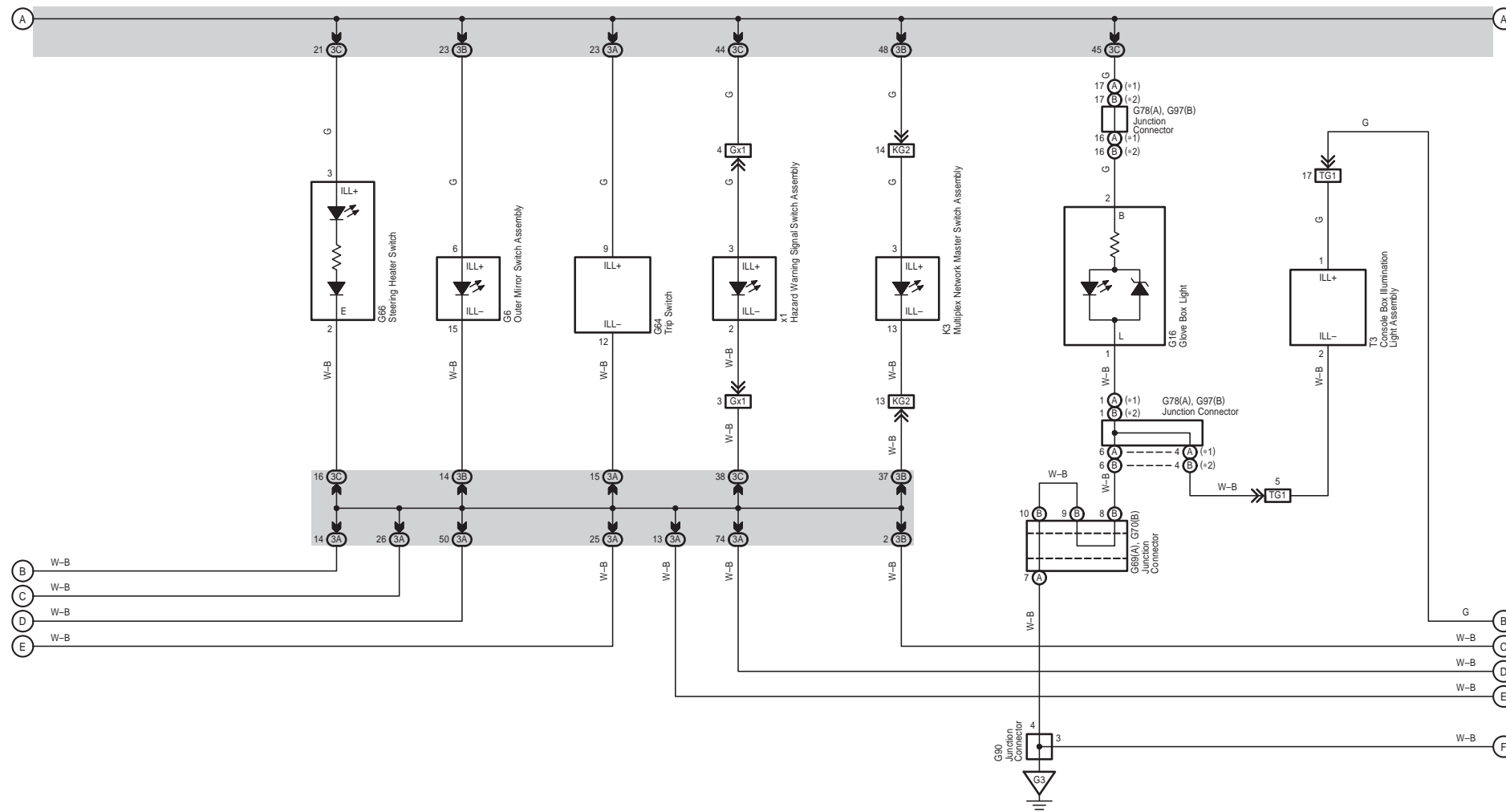
Multiplex Communication System (Body Control)

13

14

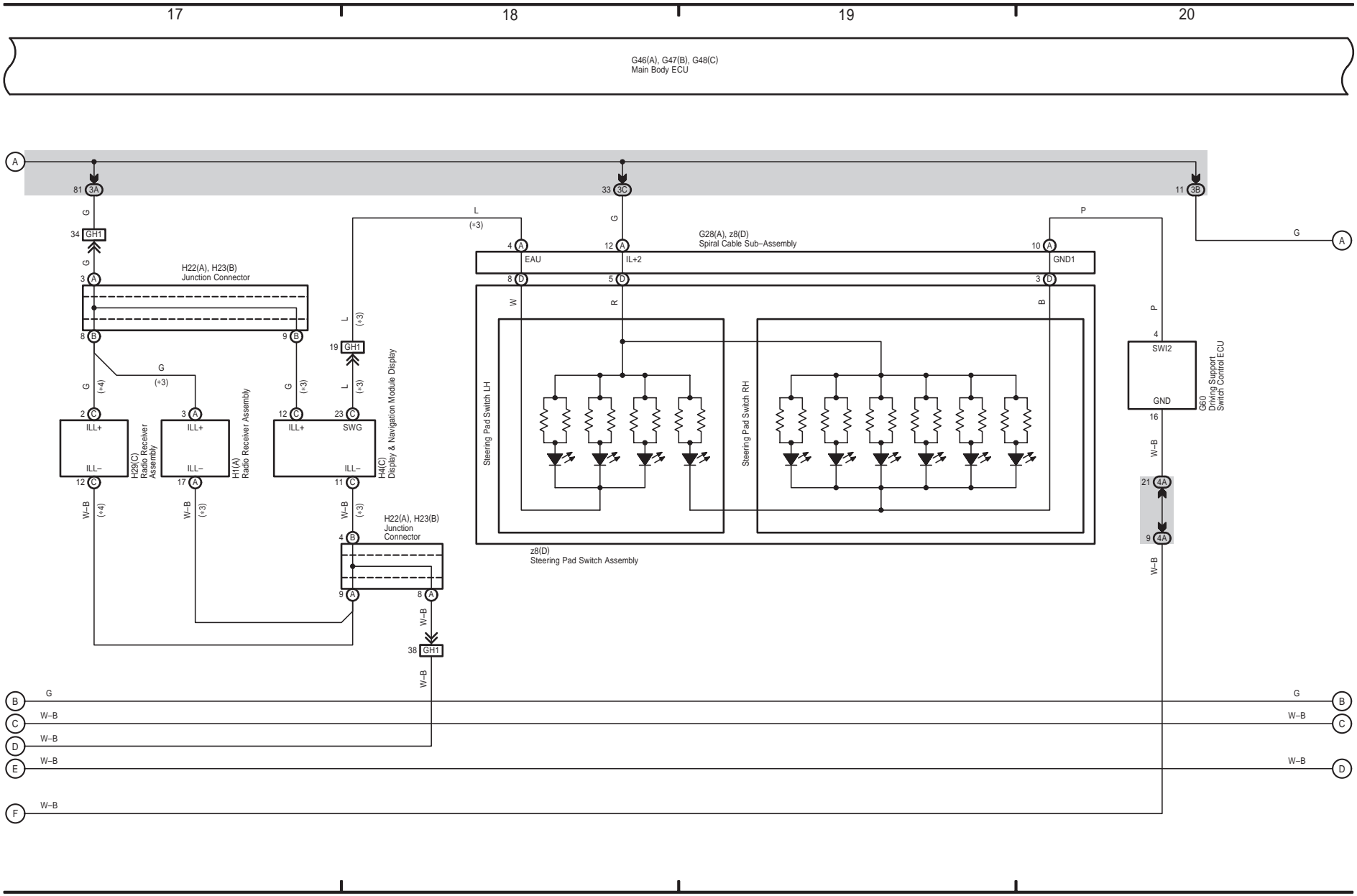
15

16

G46(A), G47(B), G48(C)
Main Body ECU* 1 : Before Aug. 2010 Production
* 2 : From Aug. 2010 Production

Multiplex Communication System (Body Control)

* 3 : w/ LEXUS Navigation System
* 4 : w/o LEXUS Navigation System

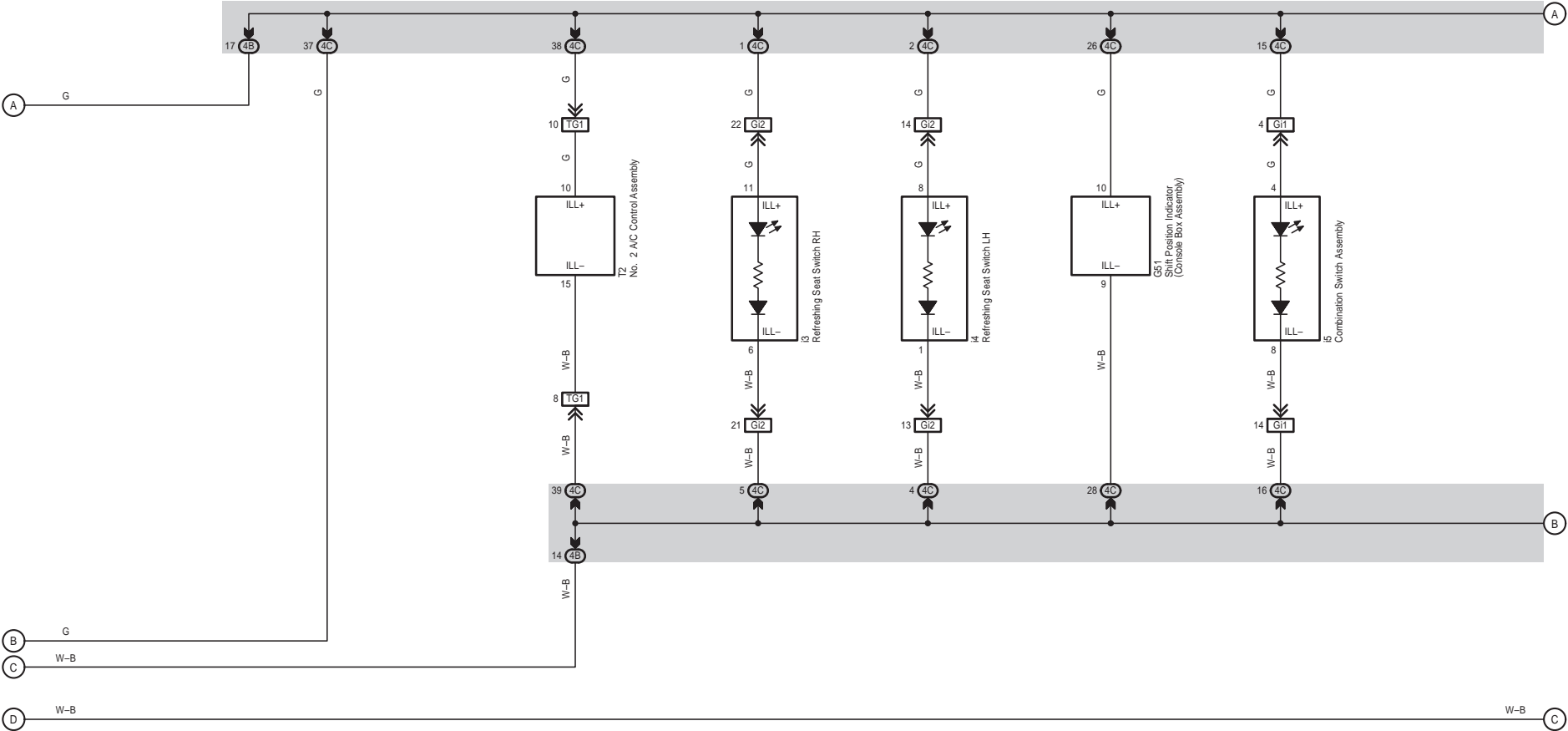


GX 460 (EM14K1E)

Multiplex Communication System (Body Control)

21 22 23 24

G46(A), G47(B), G48(C)
Main Body ECU



GX 460 (EM14K1E)

[illegible]

W-B

Multiplex Communication System (Body Control)

29

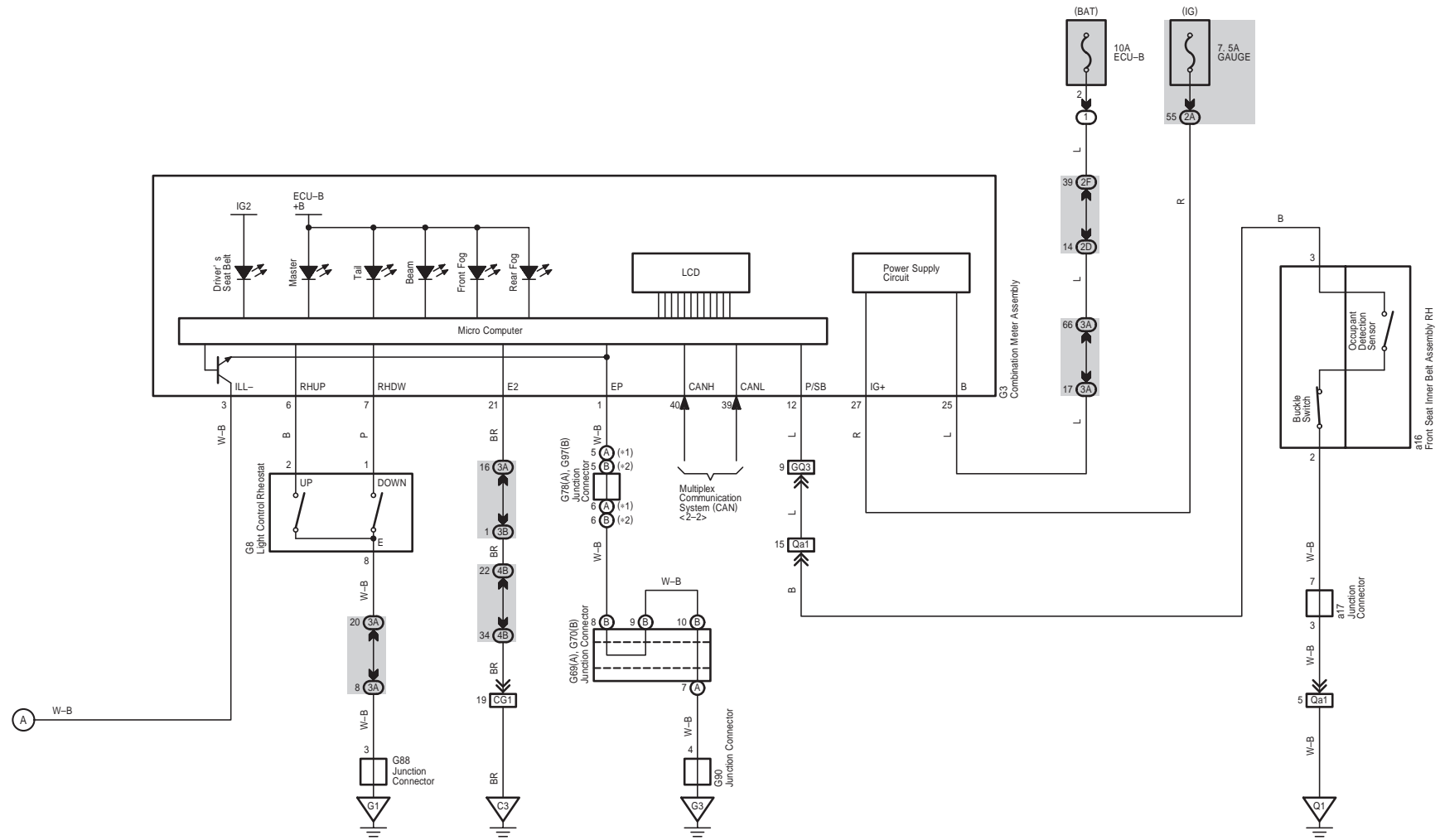
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31

32

G46(A), G47(B), G48(C)
Main Body ECU

* 1 : Before Aug. 2010 Production
* 2 : From Aug. 2010 Production



Wiring Diagram for Lighting System

Legend:

- Light Control Switch:**

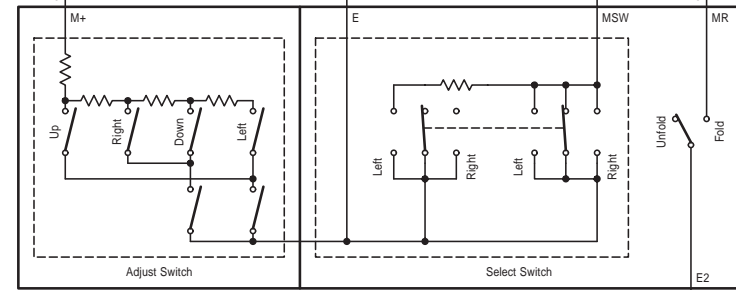
	EL	A	T	H
Off				
Tail				
Head				
AUTO				
- Dimmer Switch:**

	ED	HU	HF
Flash			
Low			
High			
- Fog Light Switch:**

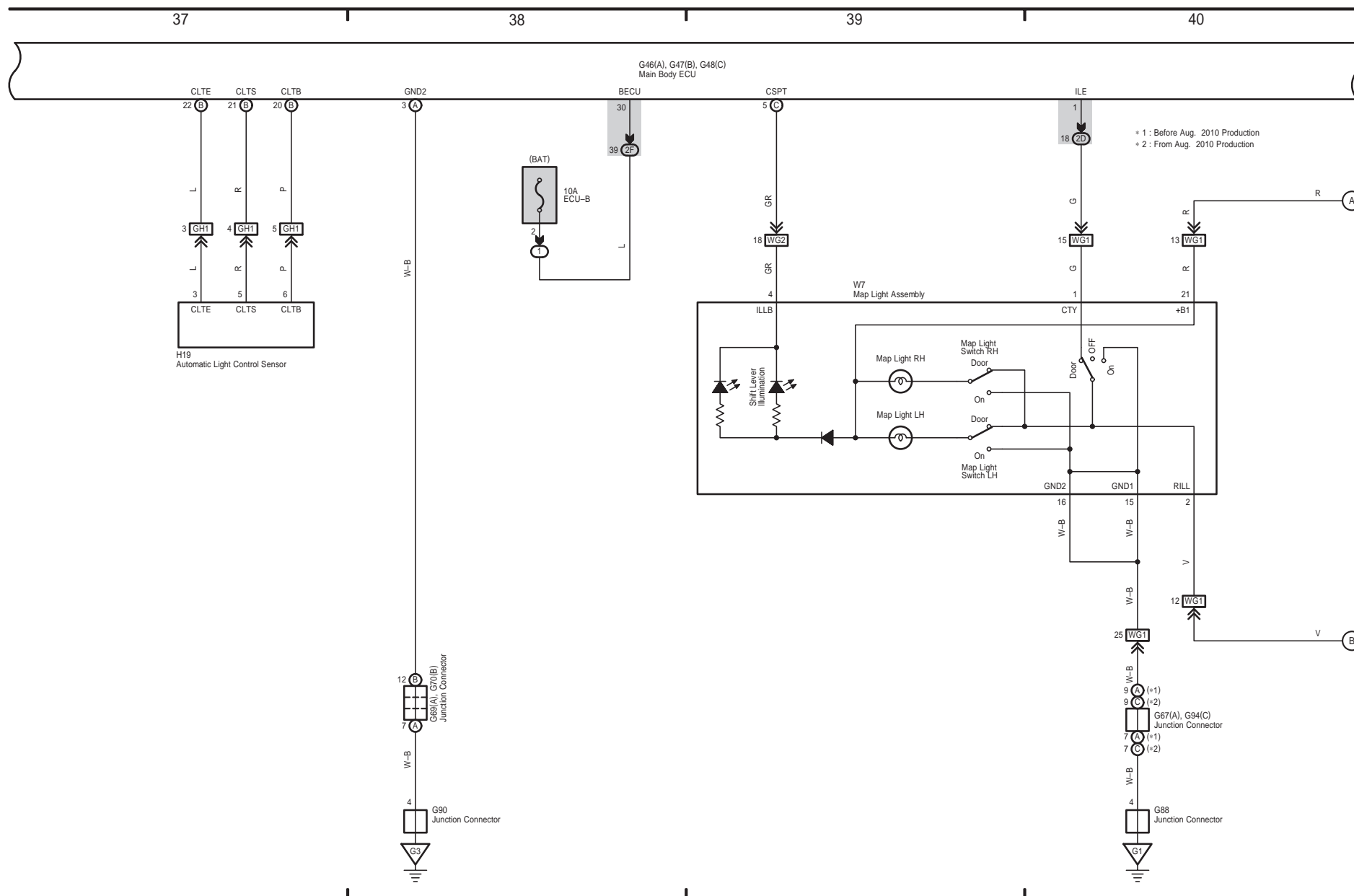
	BFG	LFG	B
Off			
Front			
Rear			

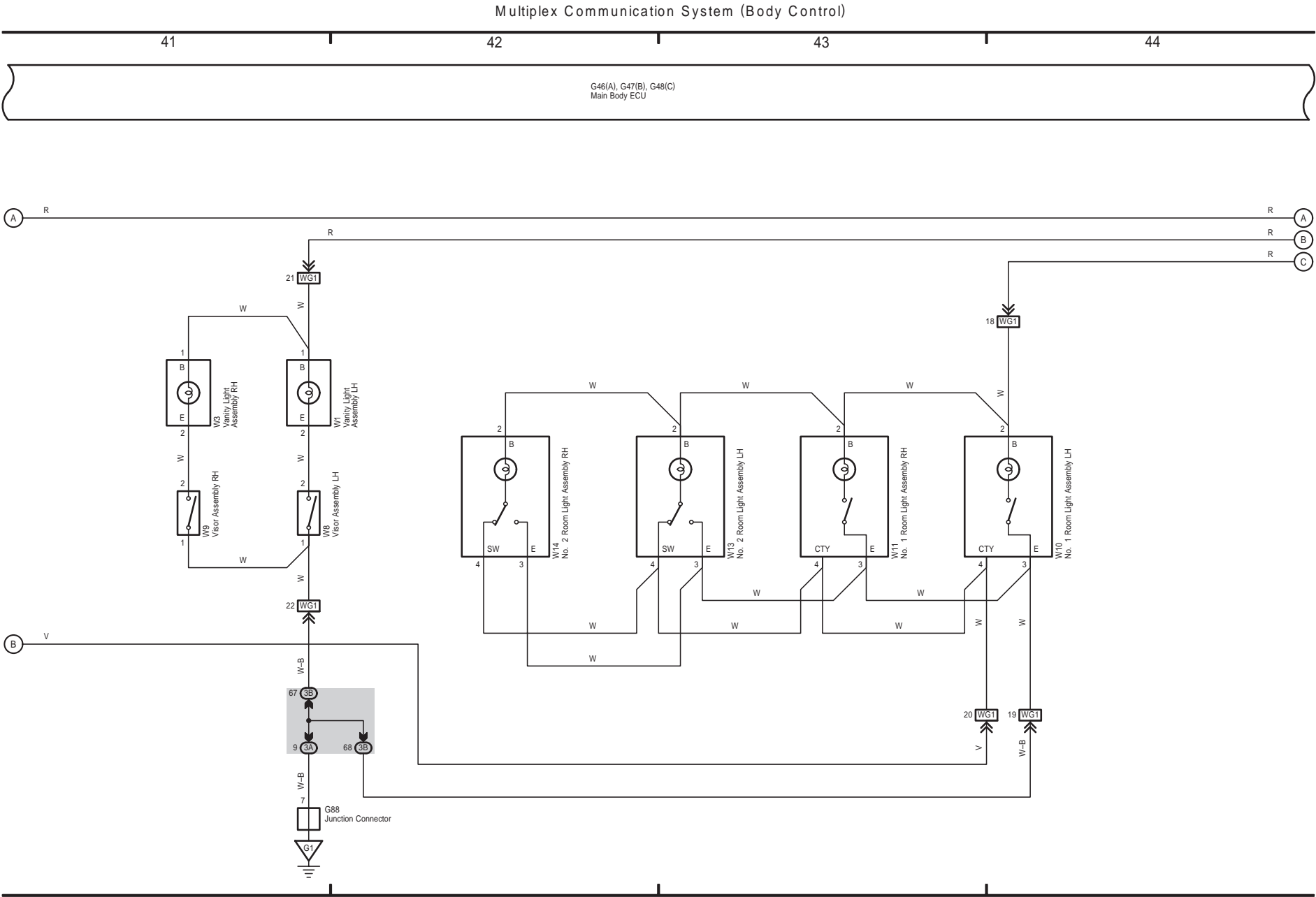
Wiring Details:

- Light Control Switch:**
 - EL: 12 (W-B) → G88 Junction Connector → G1 Ground
 - A: 28 (B) → W → 12 (SB) → 60 (SB) → W → 19 (A)
 - T: 30 (B) → W → 10 (SB) → 34 (SB) → W → 18 (T)
 - H: 29 (B) → SB → 7 (SB) → 58 (SB) → SB → 20 (H)
- Dimmer Switch:**
 - HU: 5 (B) → LG → 8 (SB) → 59 (SB) → LG → 11 (HU)
 - HF: 8 (B) → V → 3 (SB) → 28 (SB) → V → 17 (HF)
- Fog Light Switch:**
 - BFG: 27 (B) → G → 6 (SB) → 55 (SB) → G → 4 (BFG)
 - LFG: 23 (A) → SB → 19 (SB) → 56 (SB) → SB → 2 (LFG)
- Outer Mirror Switch Assembly (G6):**
 - MIRB: 13 (A) → P → 13 (M+)
 - MIRE: 15 (A) → SB → 12 (E)
 - MIRS: 14 (A) → V → 14 (MSW)
 - RET: 28 (A) → L → 8 (MR)
- Adjust Switch:**
 - Up: 13 (M+) → Resistor → Switch → 13 (M+)
 - Right: 13 (M+) → Resistor → Switch → 13 (M+)
 - Down: 13 (M+) → Resistor → Switch → 13 (M+)
 - Left: 13 (M+) → Resistor → Switch → 13 (M+)
- Select Switch:**
 - Left: 12 (E) → Switch → 12 (E)
 - Right: 12 (E) → Switch → 12 (E)
 - Left: 14 (MSW) → Switch → 14 (MSW)
 - Right: 14 (MSW) → Switch → 14 (MSW)
- W-B (Wire Bundle):**
 - W-B: 12 (W-B) → 29 (SB) → 54 (SB) → 8 (SA) → W-B → 3 (G88 Junction Connector) → G1 Ground
 - W-B: 3 (W-B) → 3 (G88 Junction Connector) → G1 Ground
 - W-B: 18 (SB) → 9 (SA) → W-B → 7 (G88 Junction Connector) → G1 Ground



Multiplex Communication System (Body Control)



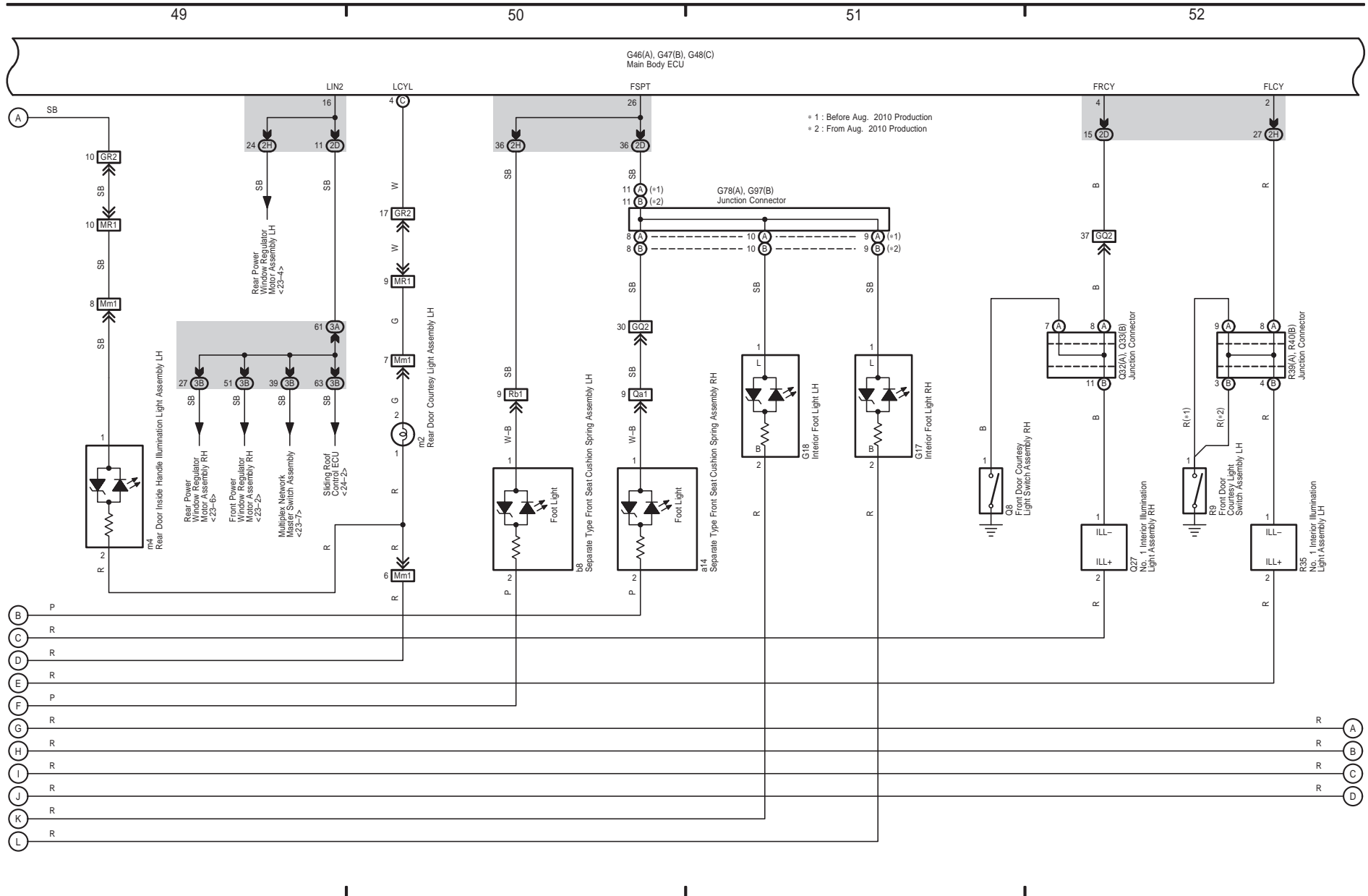


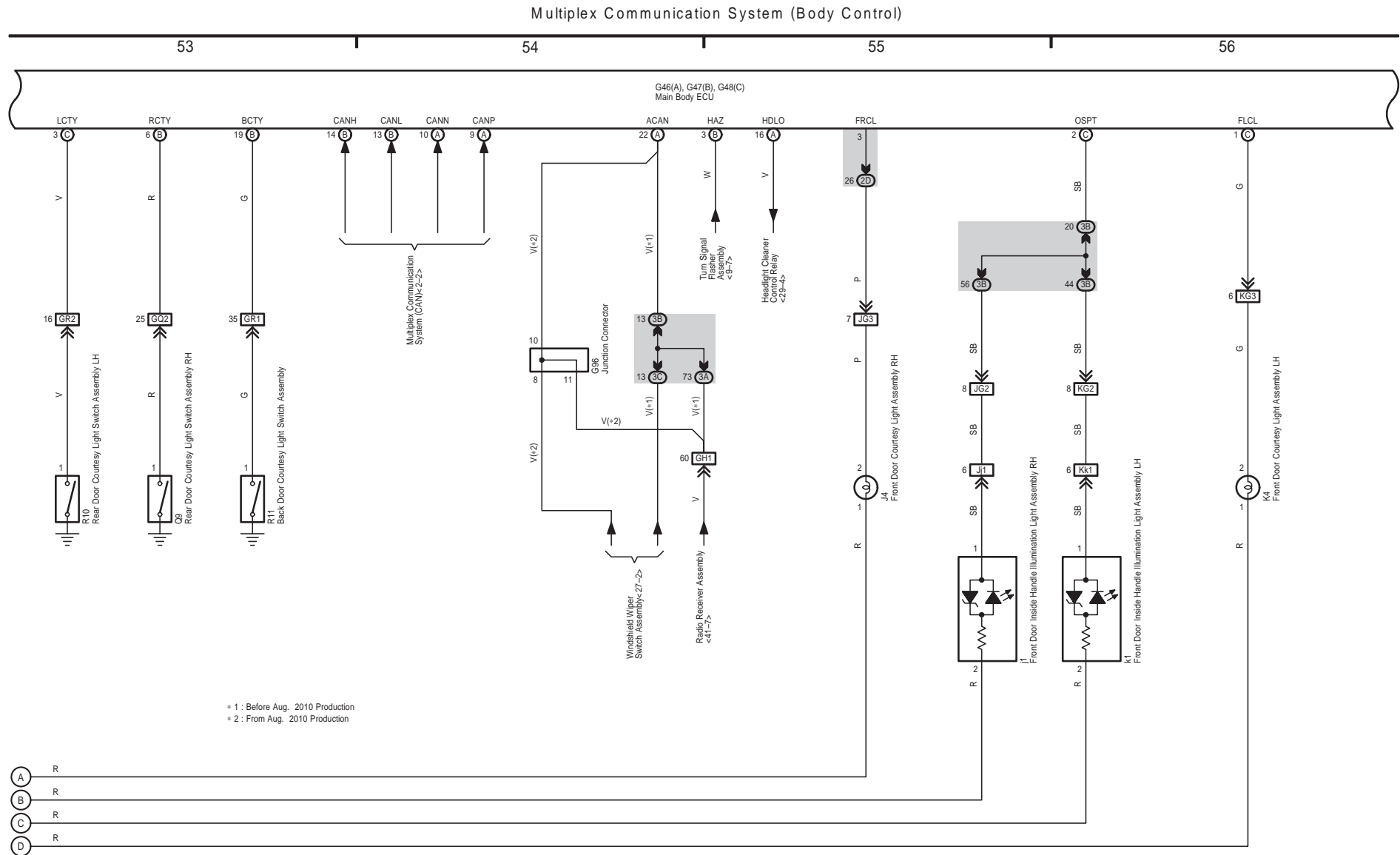
GX 460 (EM14K1E)

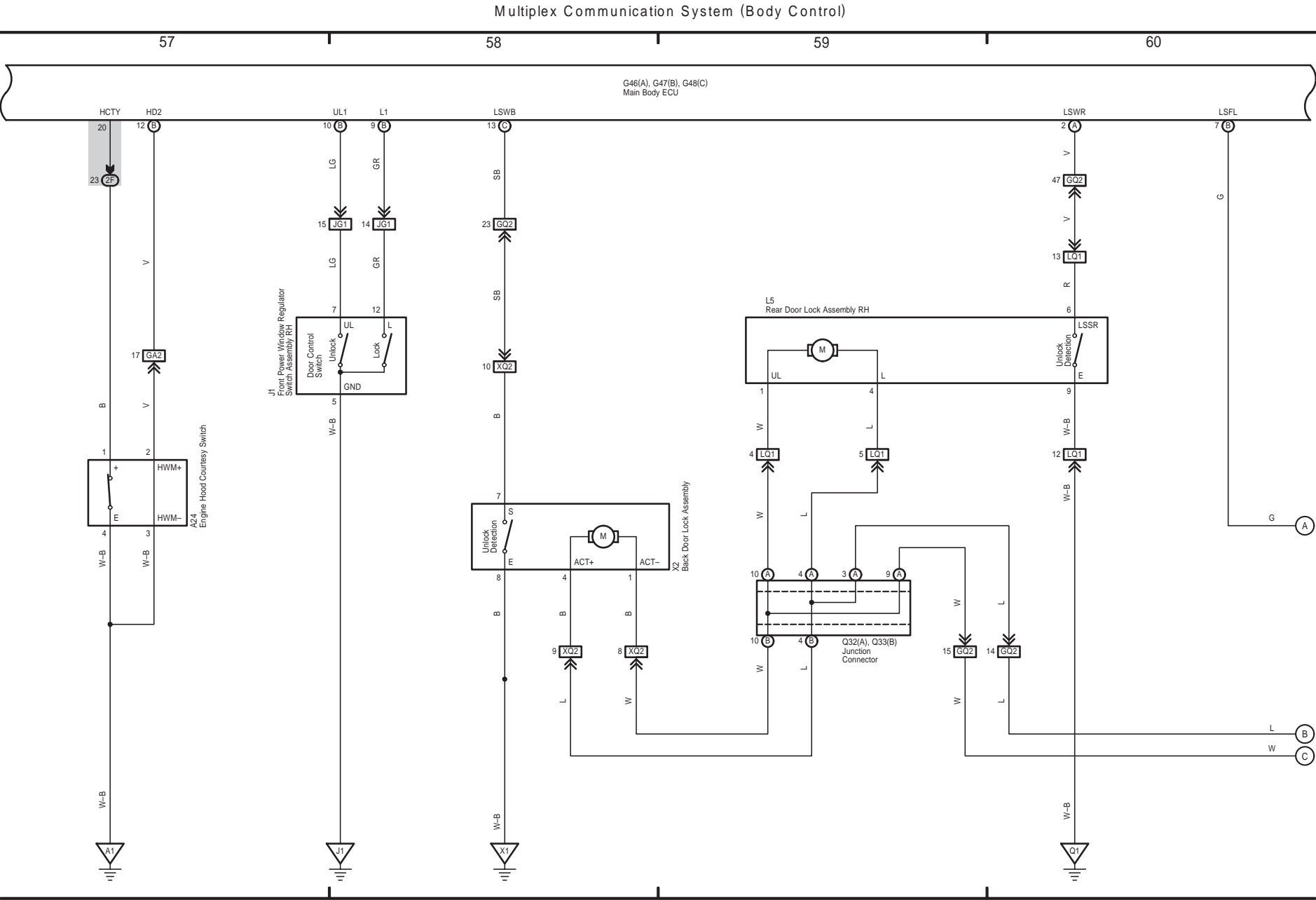
A horizontal number line with tick marks at every integer from 45 to 48. The numbers 45, 46, 47, and 48 are labeled below the line.

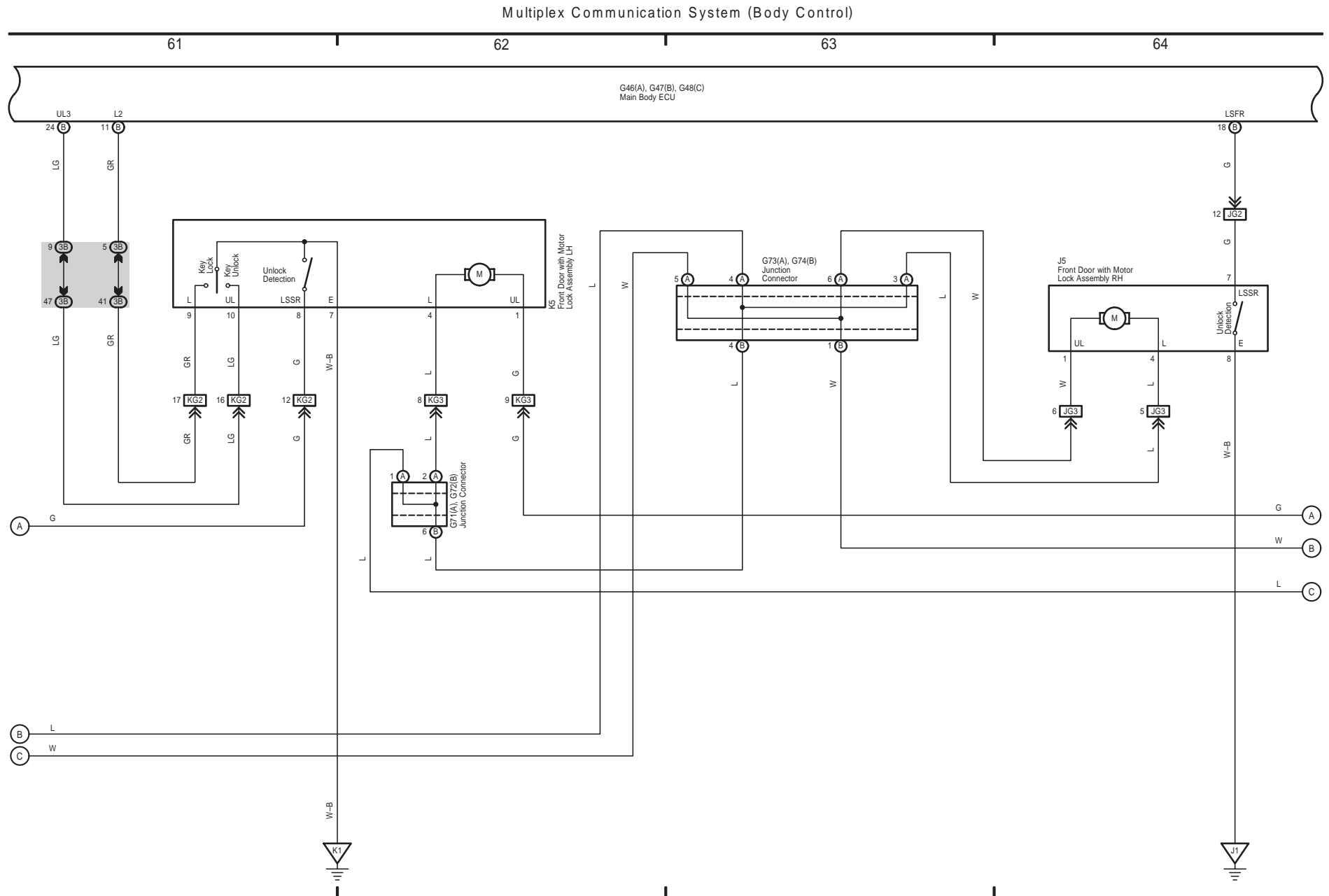


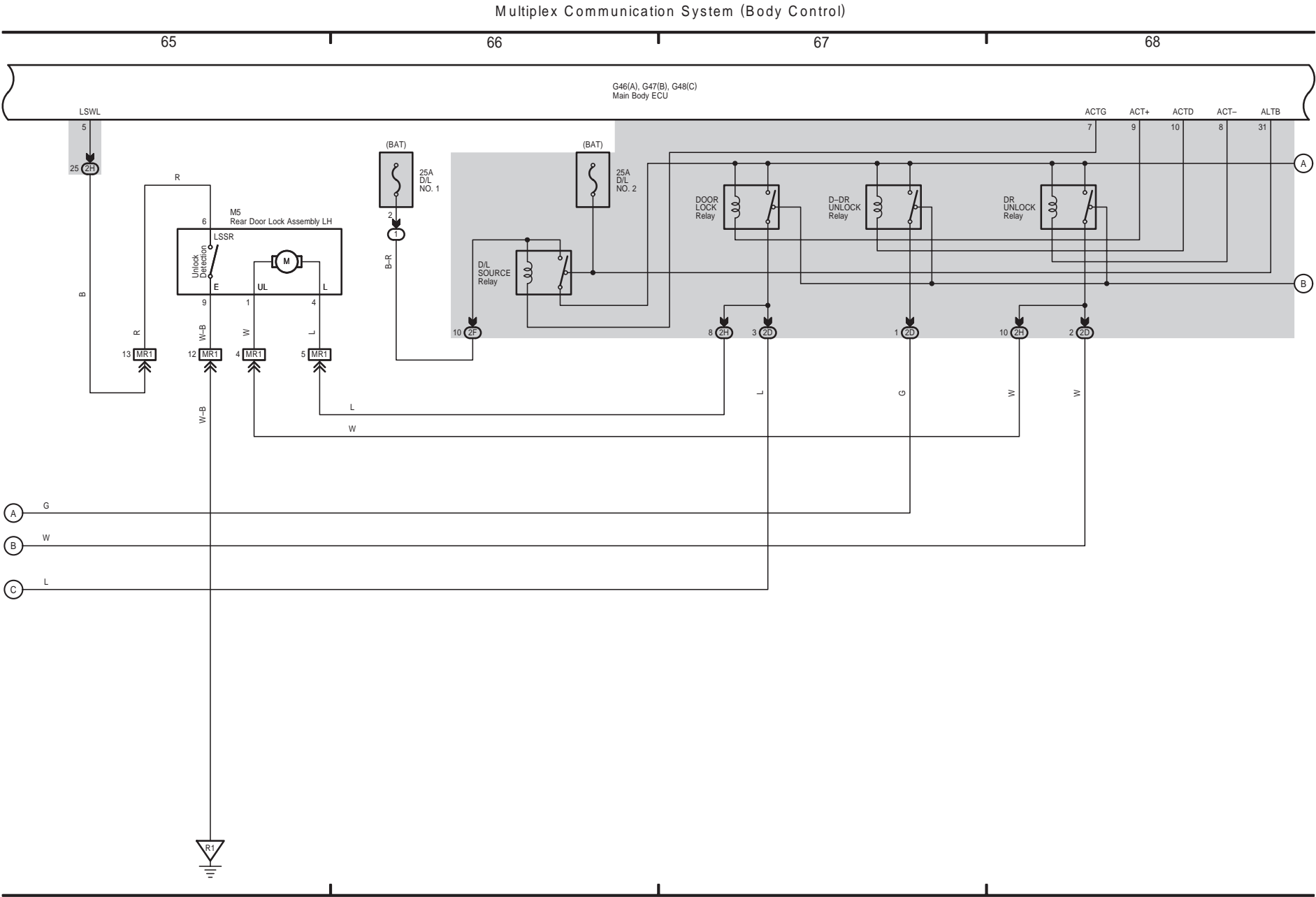
Multiplex Communication System (Body Control)











- * 1 : Before Aug. 2010 Production
- * 2 : From Aug. 2010 Production
- * 3 : w/ LEXUS Navigation System

