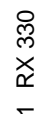
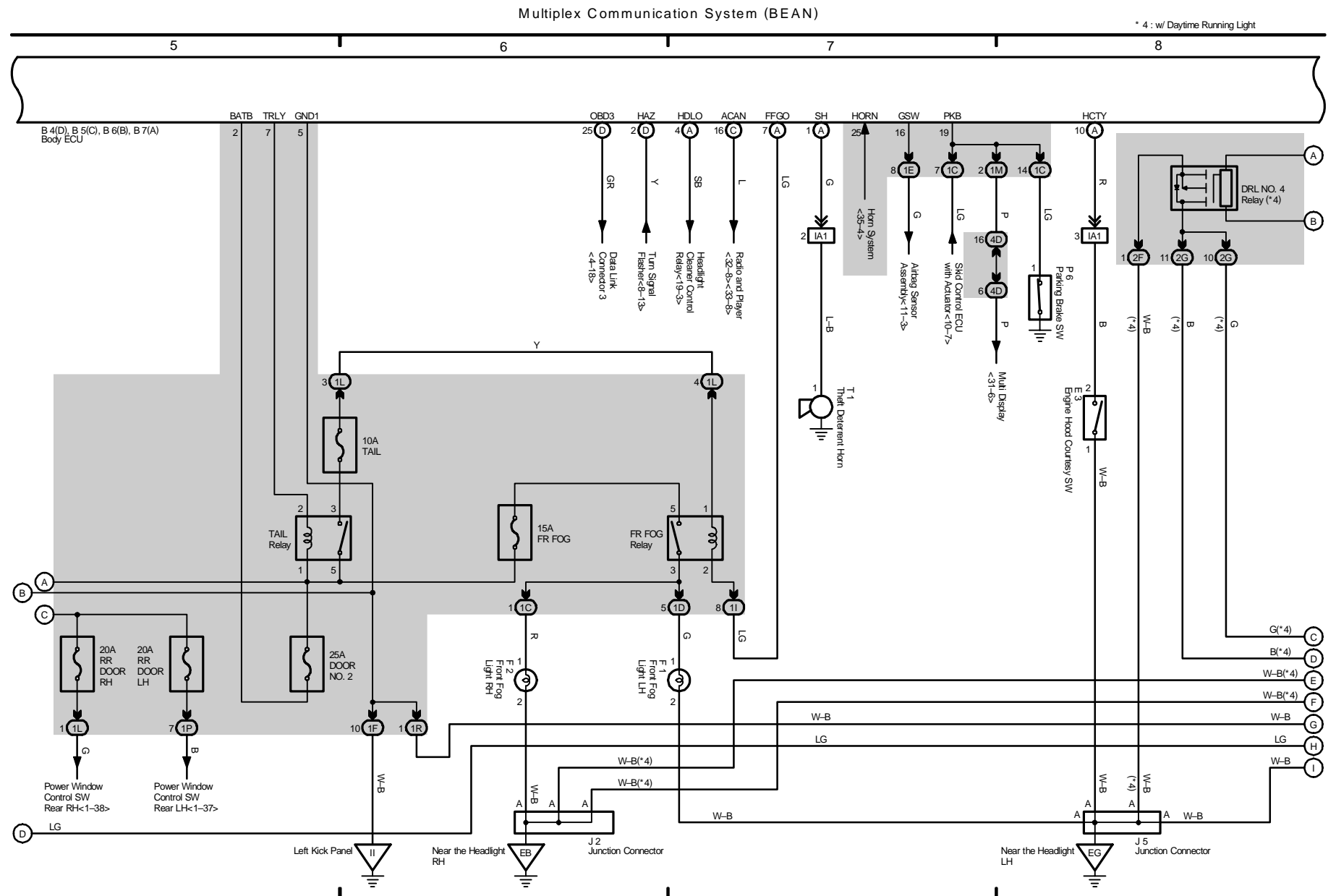


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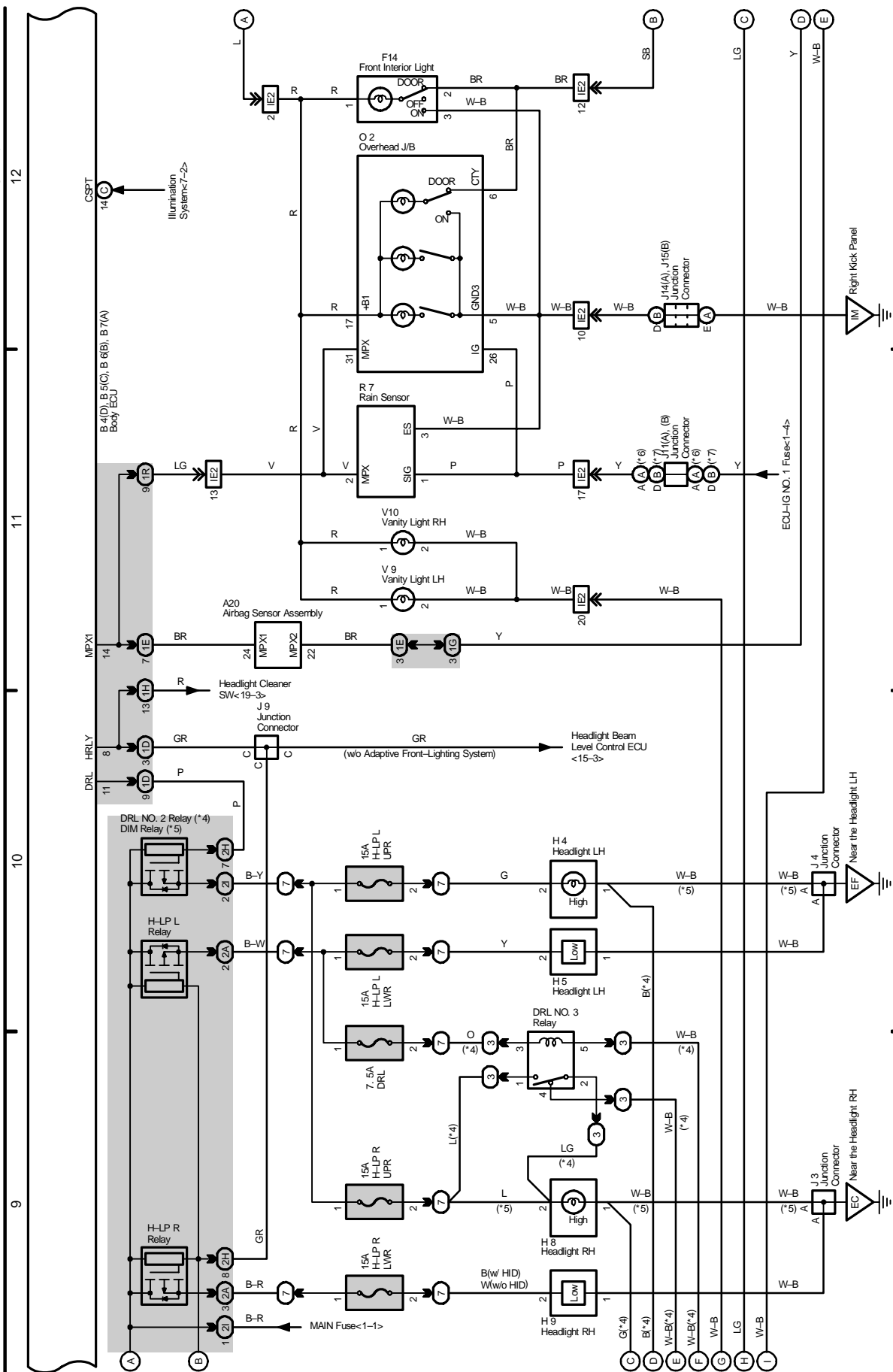
# M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

1 RX 330 (Cont' d)

- \* 4 : w/ Daytime Running Light
- \* 5 : w/o Daytime Running Light
- \* 6 : w/ LEXUS Navigation System
- \* 7 : w/o LEXUS Navigation System

## Multiplex Communication System (BEAN)



This wiring diagram illustrates the electrical system for the rear door assembly, including the Power Back Door ECU, various lights, and switches. The diagram is organized into four main sections: 13, 14, 15, and 16.

**Section 13:** Shows the ILE (Interior Light) and its connections to the 1R, 1M, and 1L terminals. It also shows the connection to the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal.

**Section 14:** Shows the connections for the 1R, 1P, and 1L terminals. It includes the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal. The diagram also shows the connection to the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal.

**Section 15:** Shows the connections for the 1R, 1P, and 1L terminals. It includes the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal. The diagram also shows the connection to the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal.

**Section 16:** Shows the connections for the 1R, 1P, and 1L terminals. It includes the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal. The diagram also shows the connection to the 1D3 (Door Open Switch) and the 1D (Door Open Switch) terminal.

**Legend:**

- \* 8 : w/ Step Light
- \* 9 : w/ Power Back Door
- \* 10 : w/o Power Back Door

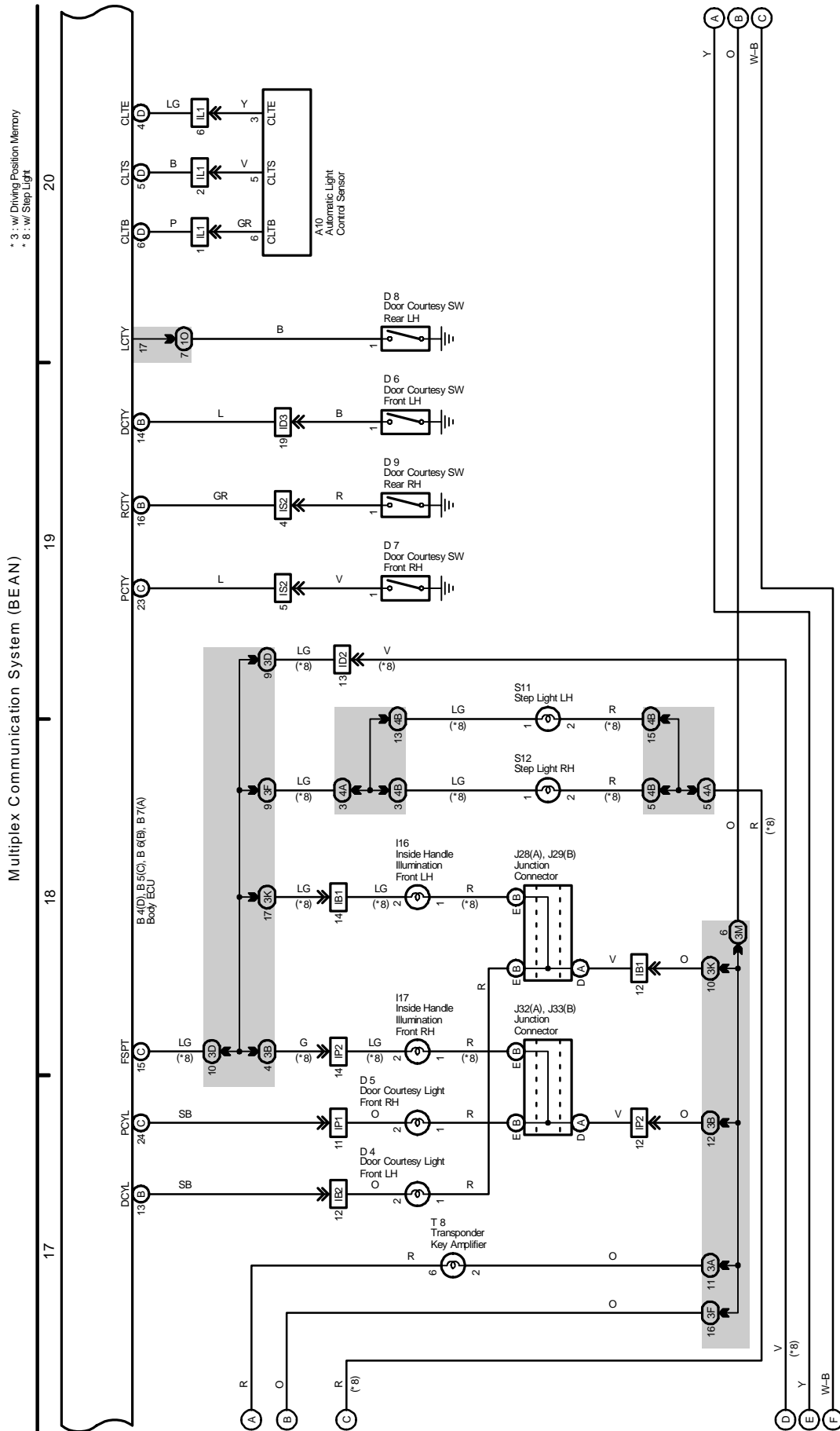
**Notes:**

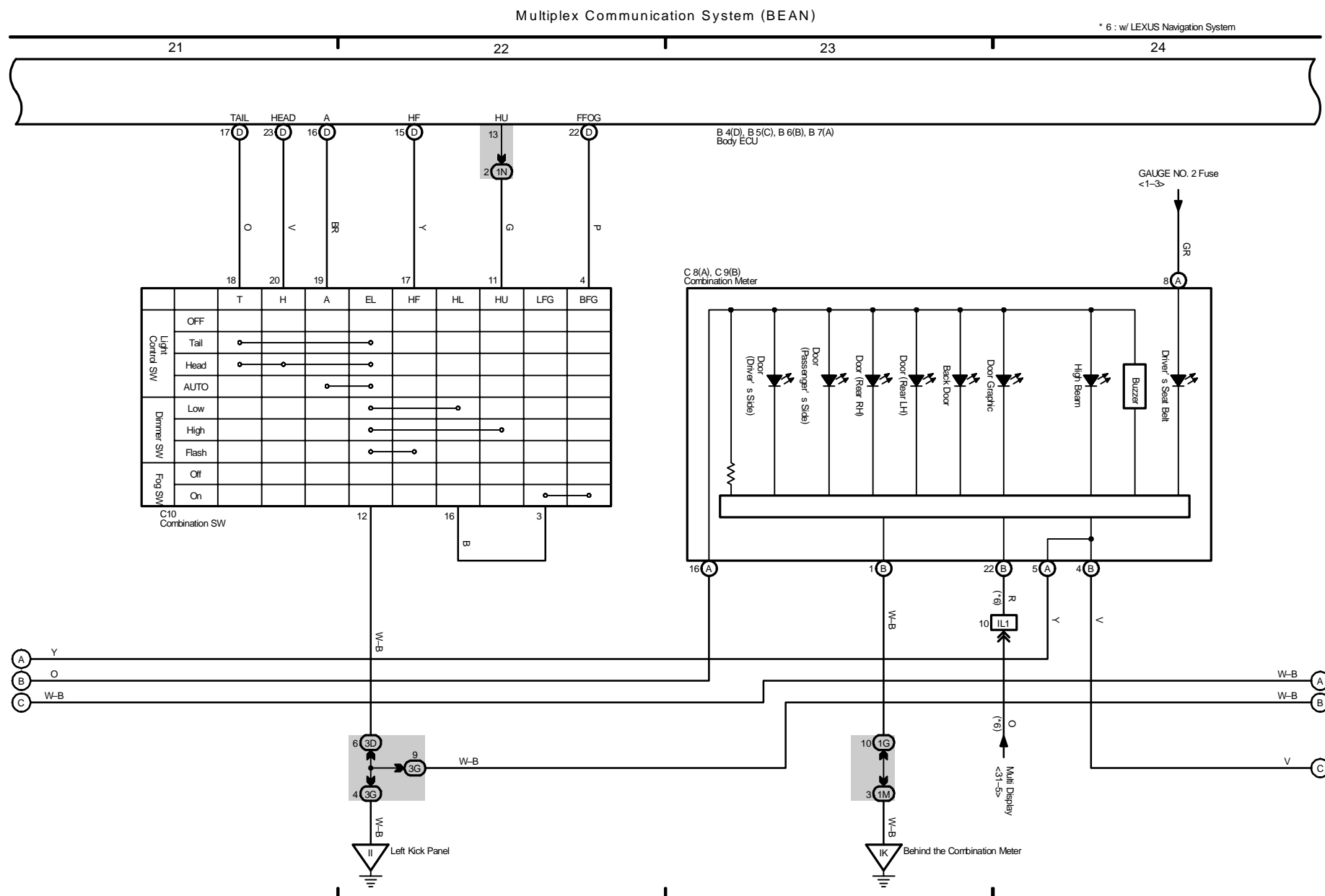
- B 4(D), B 5(C), B 6(B), B 7(A) Body ECU
- Power Back Door ECU <12-5>
- Power Back Door System 12-2-2
- Left Side of the Back Door
- J36 Junction Connector

# M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

1 RX 330 (Cont' d)



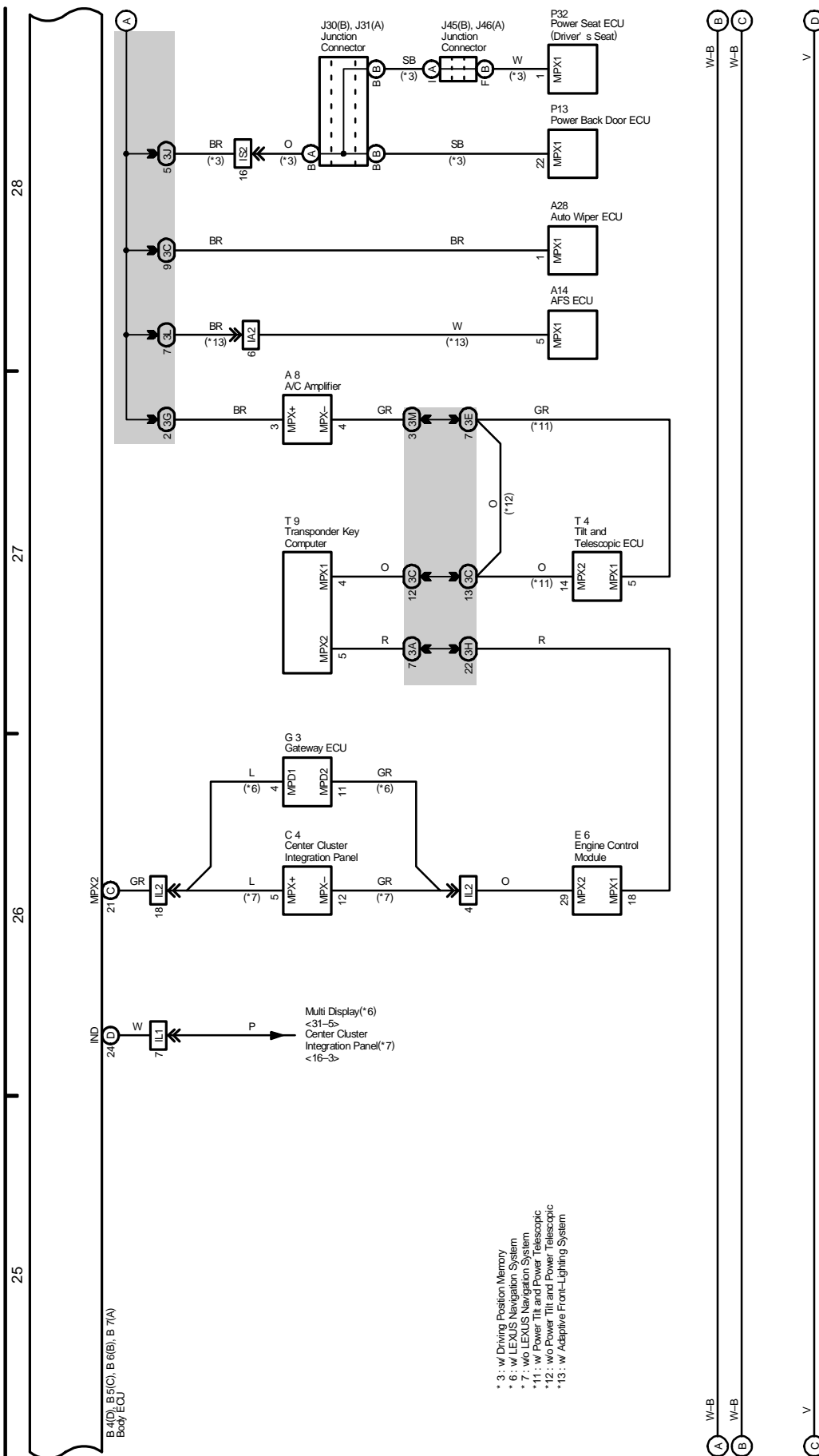


# M OVERALL ELECTRICAL WIRING DIAGRAM

1 RX 330 (Cont' d)

(Cont. next page)

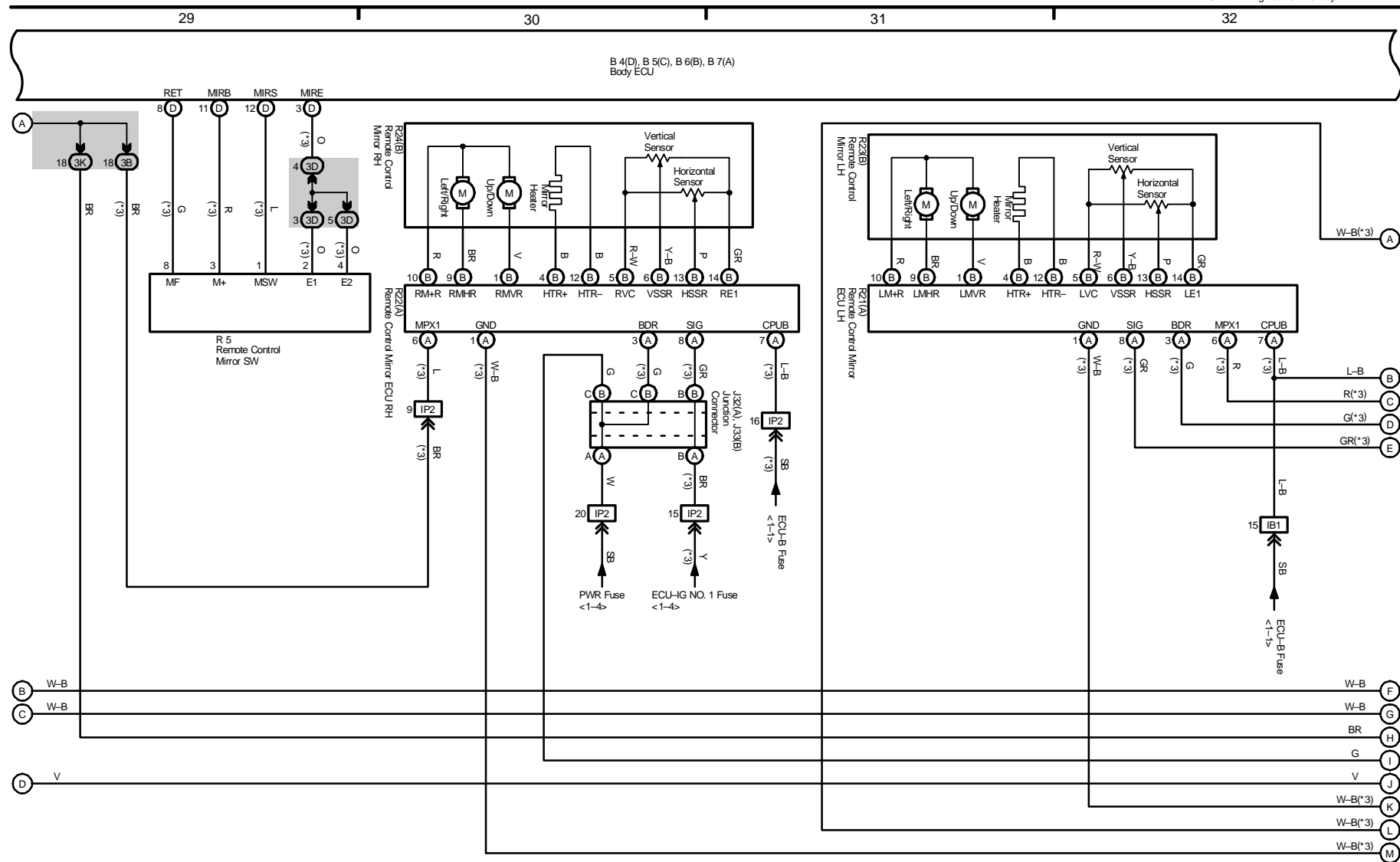
## Multiplex Communication System (BEAN)



- \* 3 : w/ Driving Position Memory
- \* 6 : w/ LEXUS Navigation System
- \* 7 : w/ LEXUS Navigation System
- \* 11 : w/ Power Tilt and Power Telescopic
- \* 12 : w/ Power Tilt and Power Telescopic
- \* 13 : w/ Adaptive Front-Lighting System

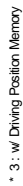
## Multiplex Communication System (BEAN)

\* 3 : w/ Driving Position Memory



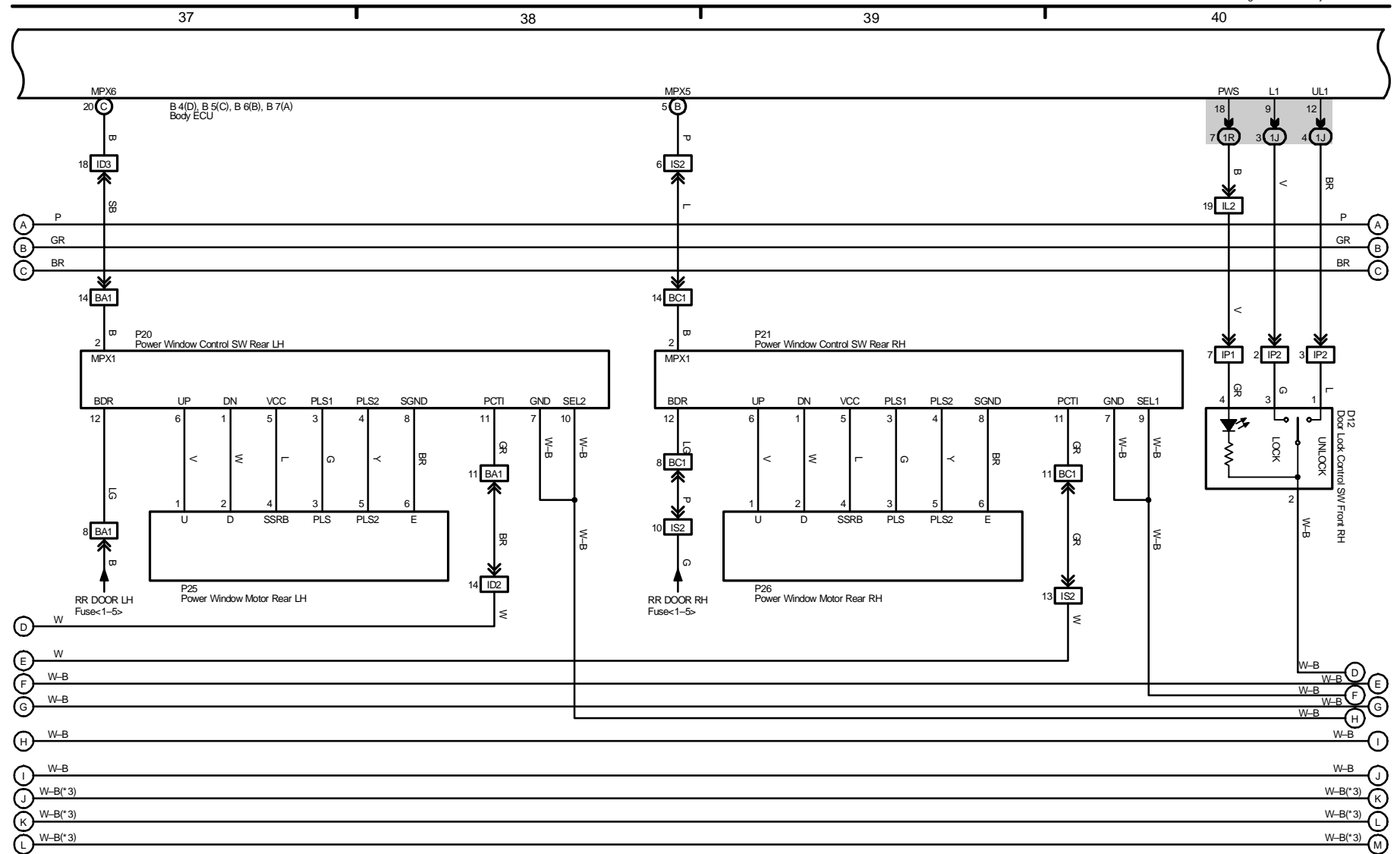


## 1 RX 330 (Cont' d) (Cont. next page)

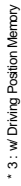


## Multiplex Communication System (BEAN)

\* 3 : w/ Driving Position Memory

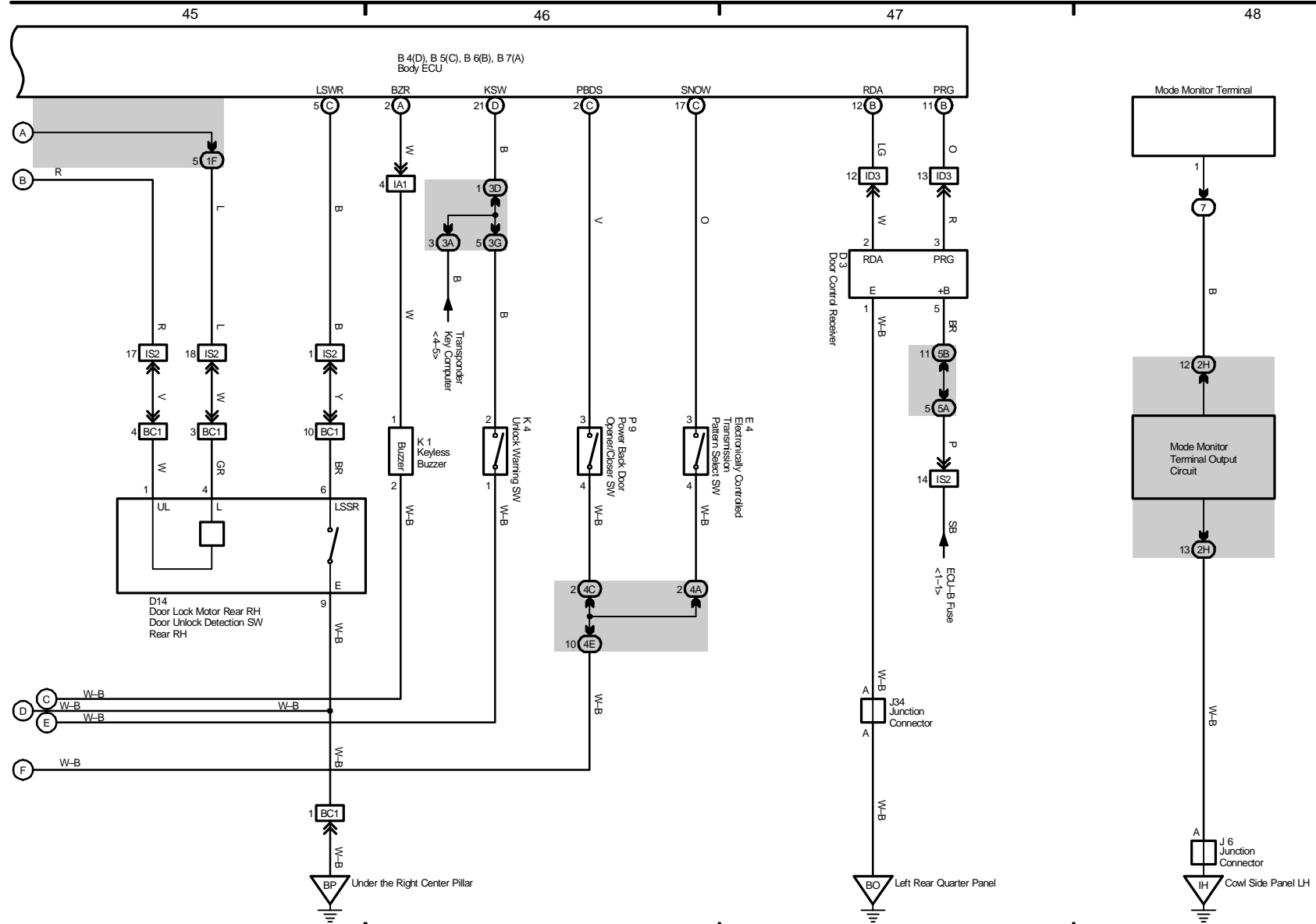


## 1 RX 330 (Cont' d)

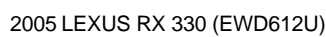


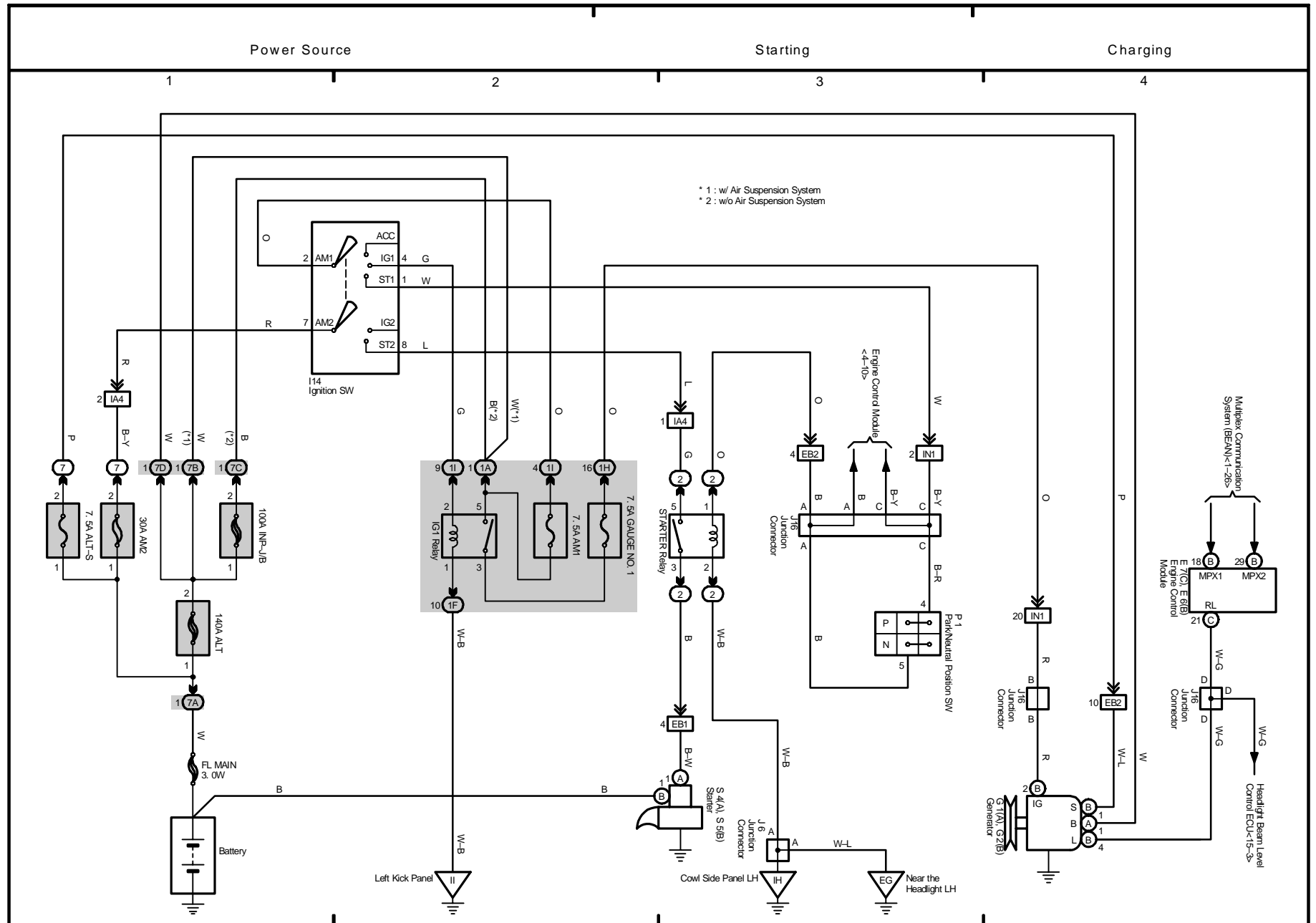
Multiplex Communication System (BEAN)

Power Distributor



## 2 RX 330

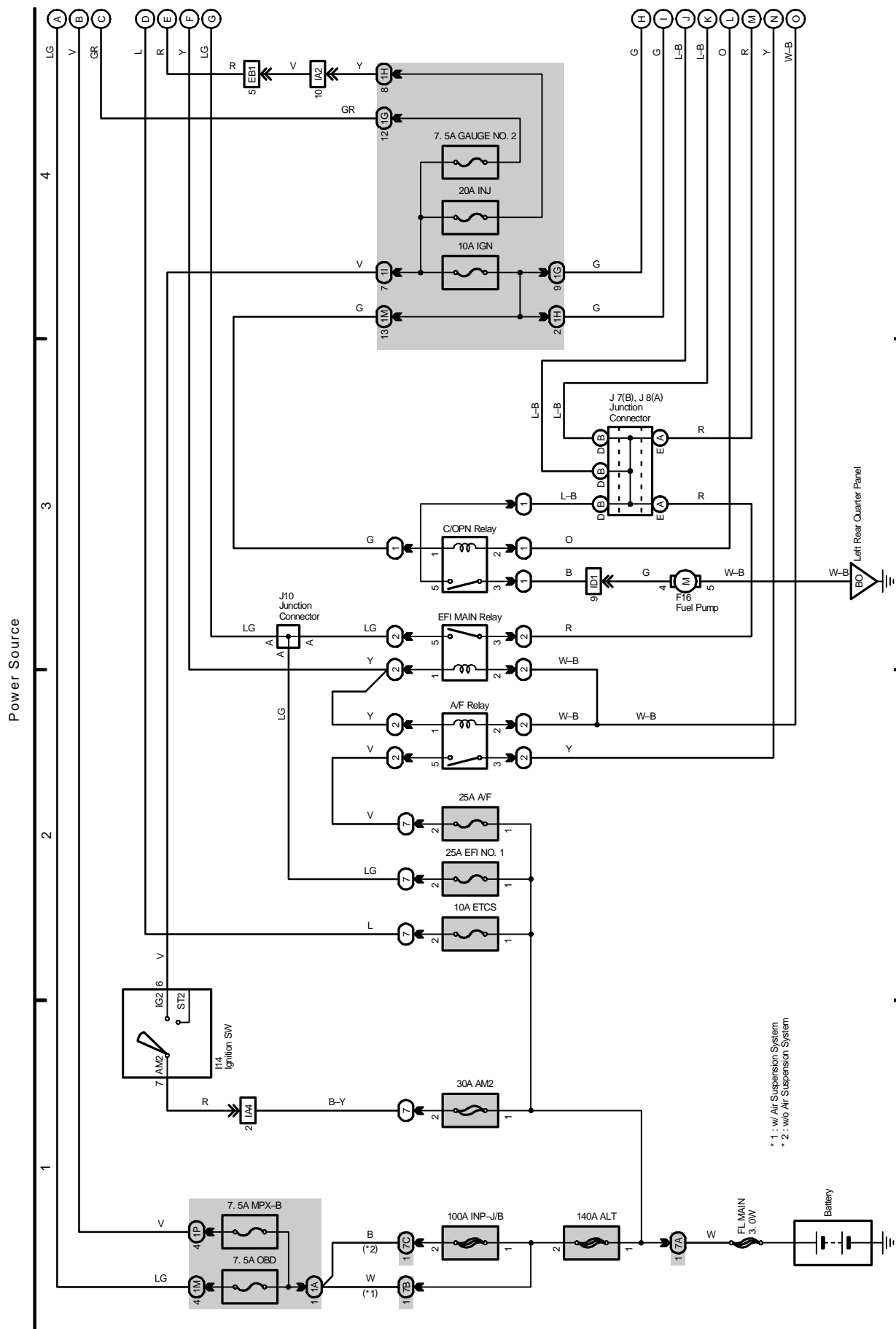


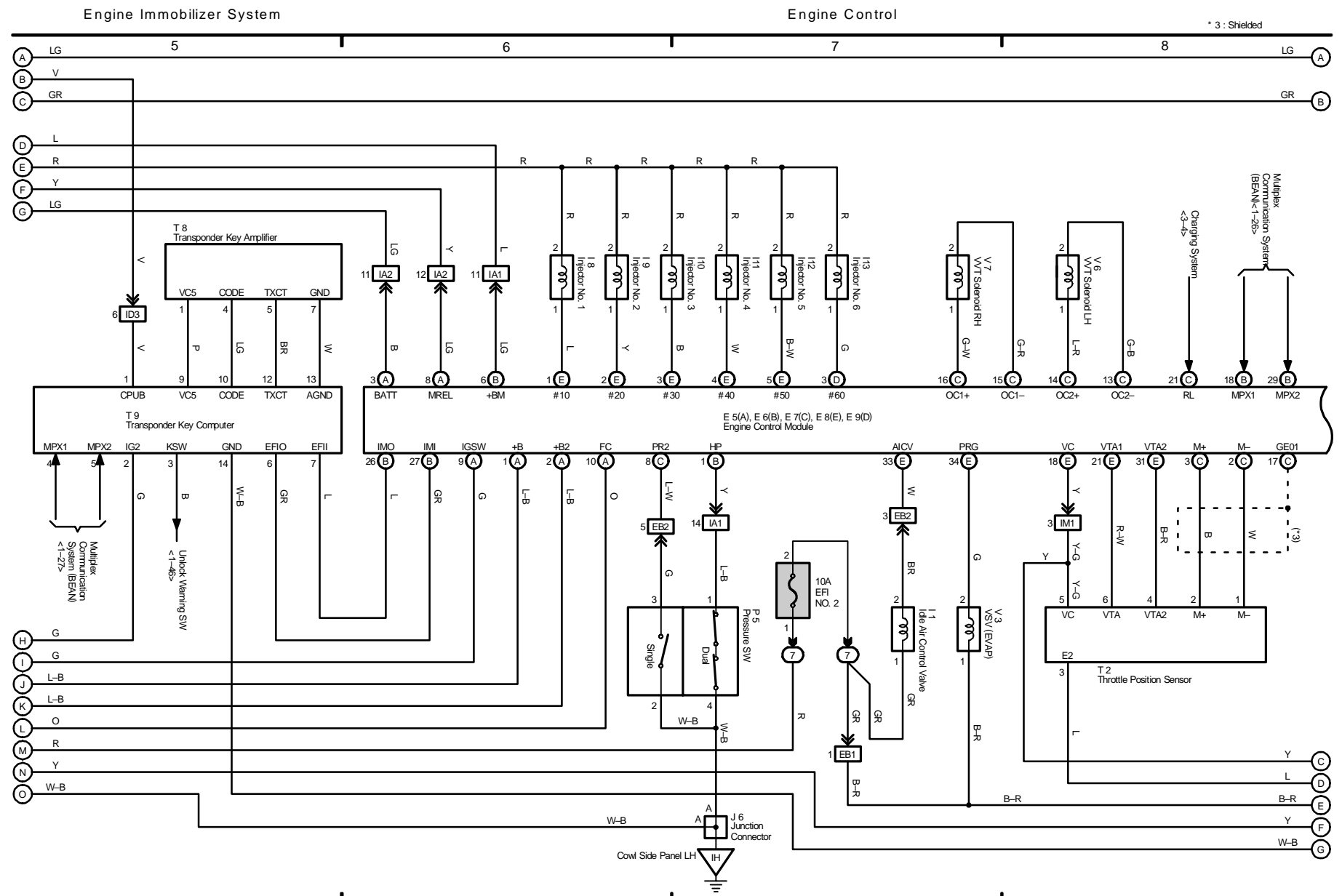


# M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

4 RX 330

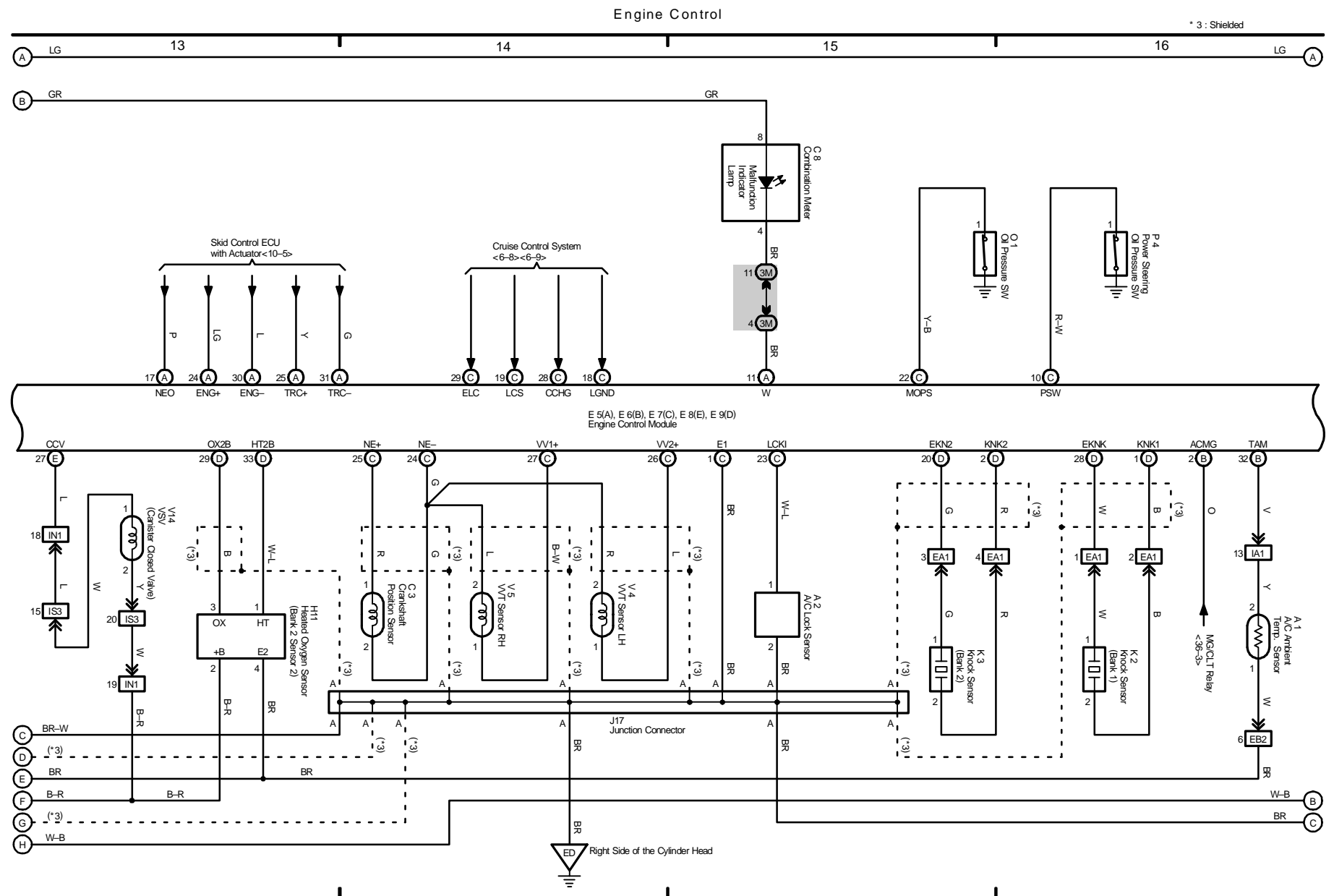




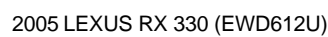


## 4 RX 330 (Cont' d)





## 4 RX 330 (Cont' d)





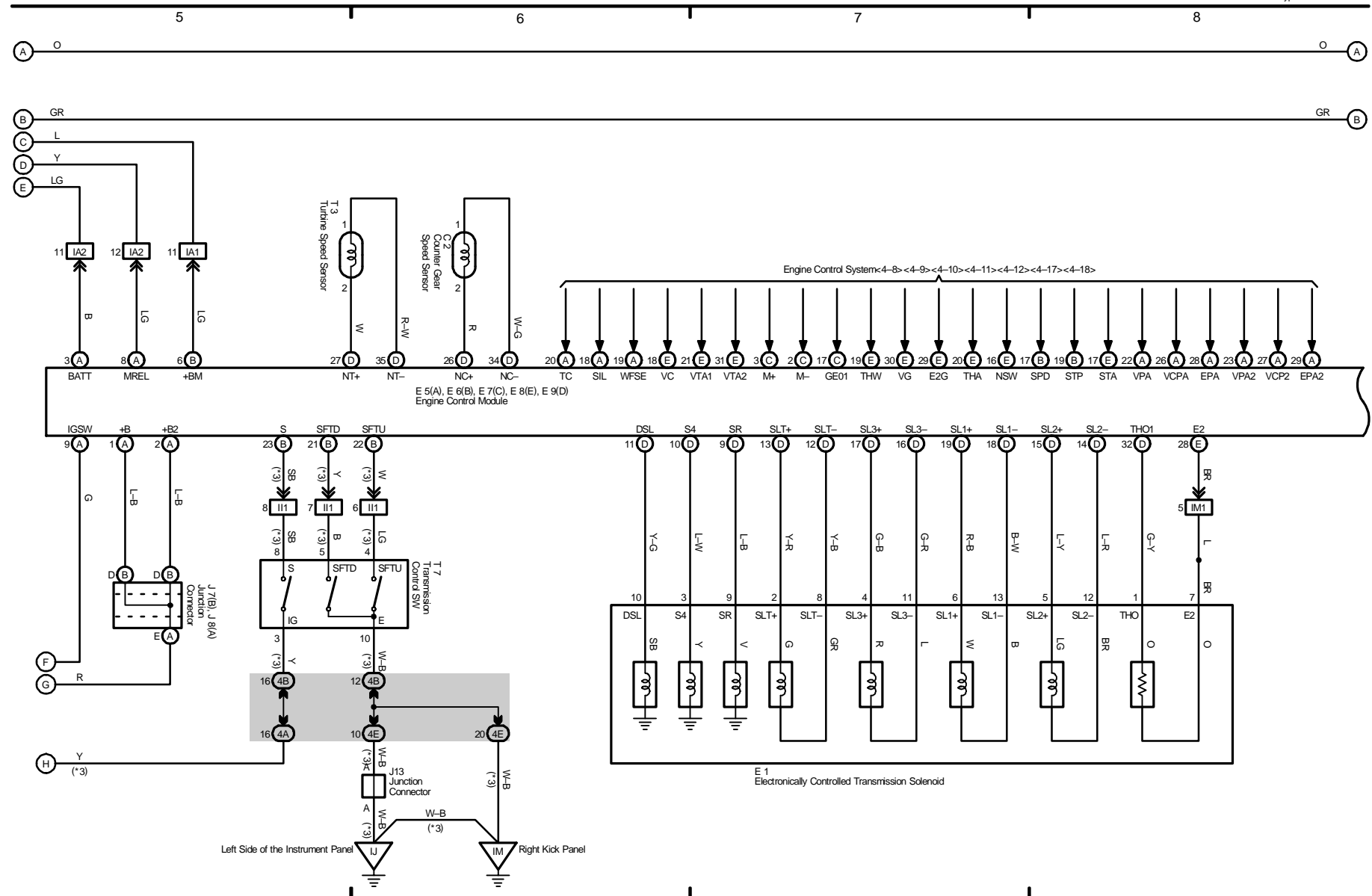
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## Electronically Controlled Transmission and A/T Indicator

\* 3 : Multi-Mode Shift Lever Type



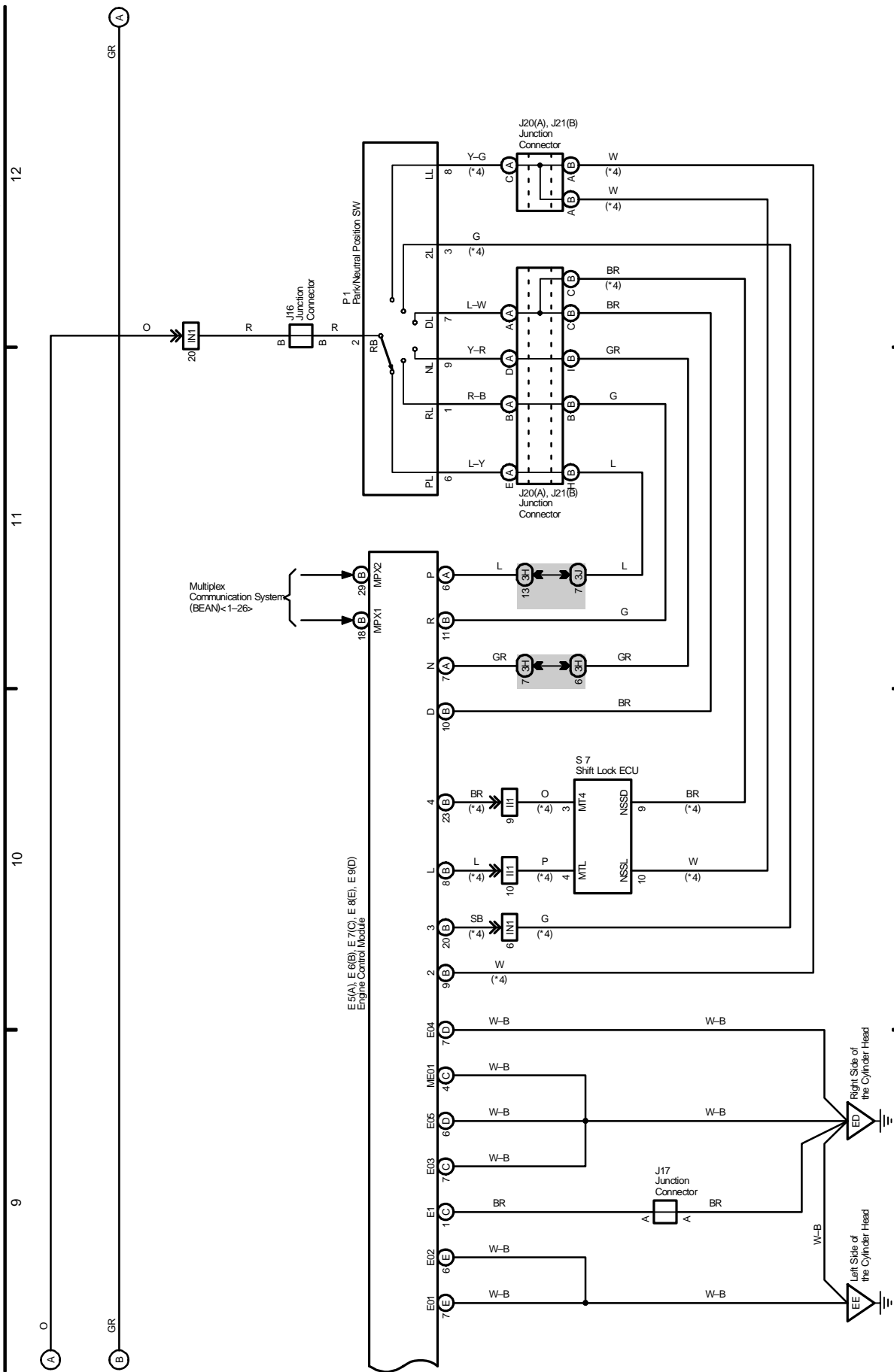
# M OVERALL ELECTRICAL WIRING DIAGRAM

5 RX 330 (Cont' d)

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## Electronically Controlled Transmission and A/T Indicator

\* 3: Multi-Mode Shift Lever Type  
\* 4: Except \*3

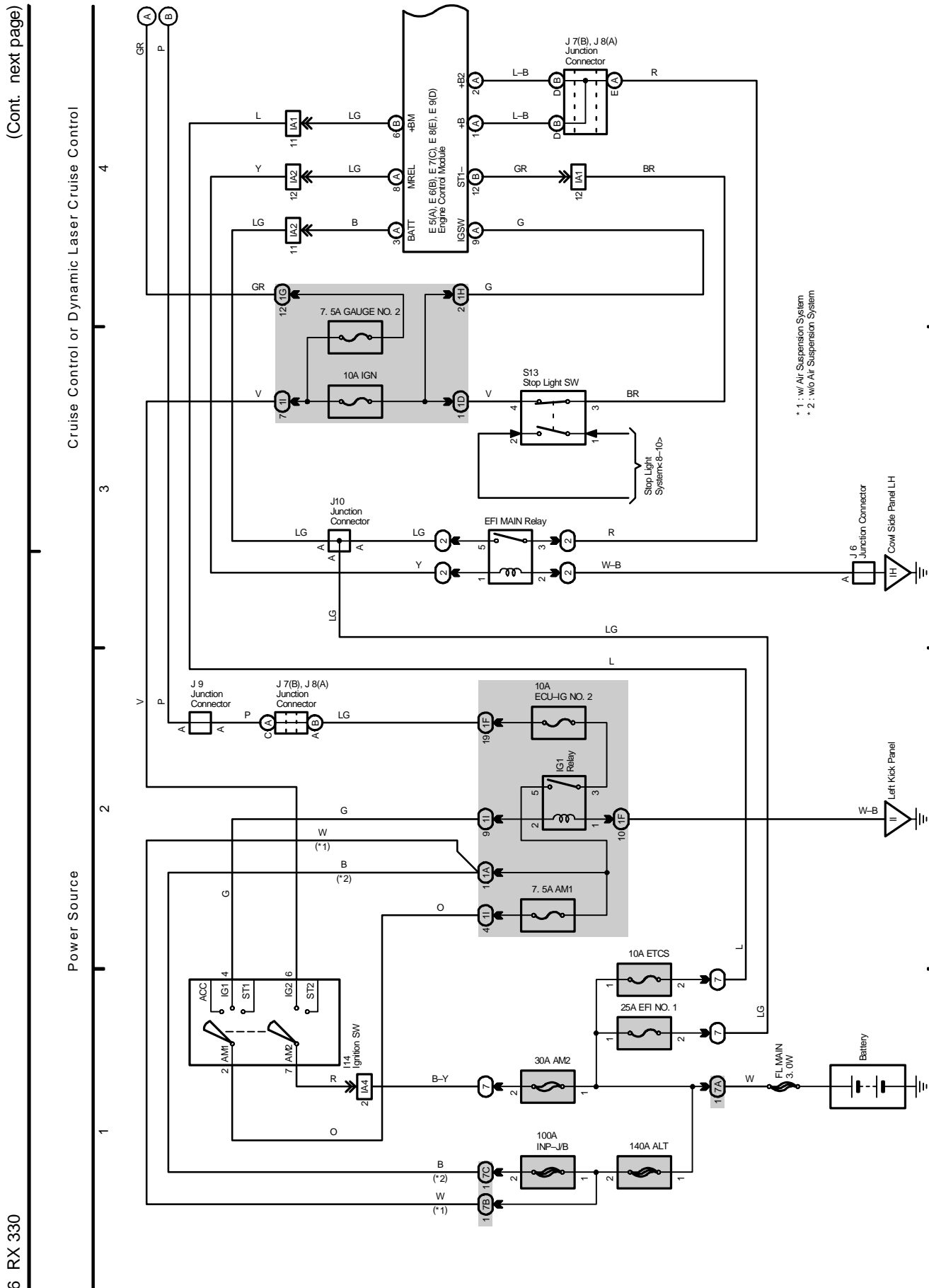


\* 3 : Multi-Mode Shift Lever Type  
\* 4 : Except \*3

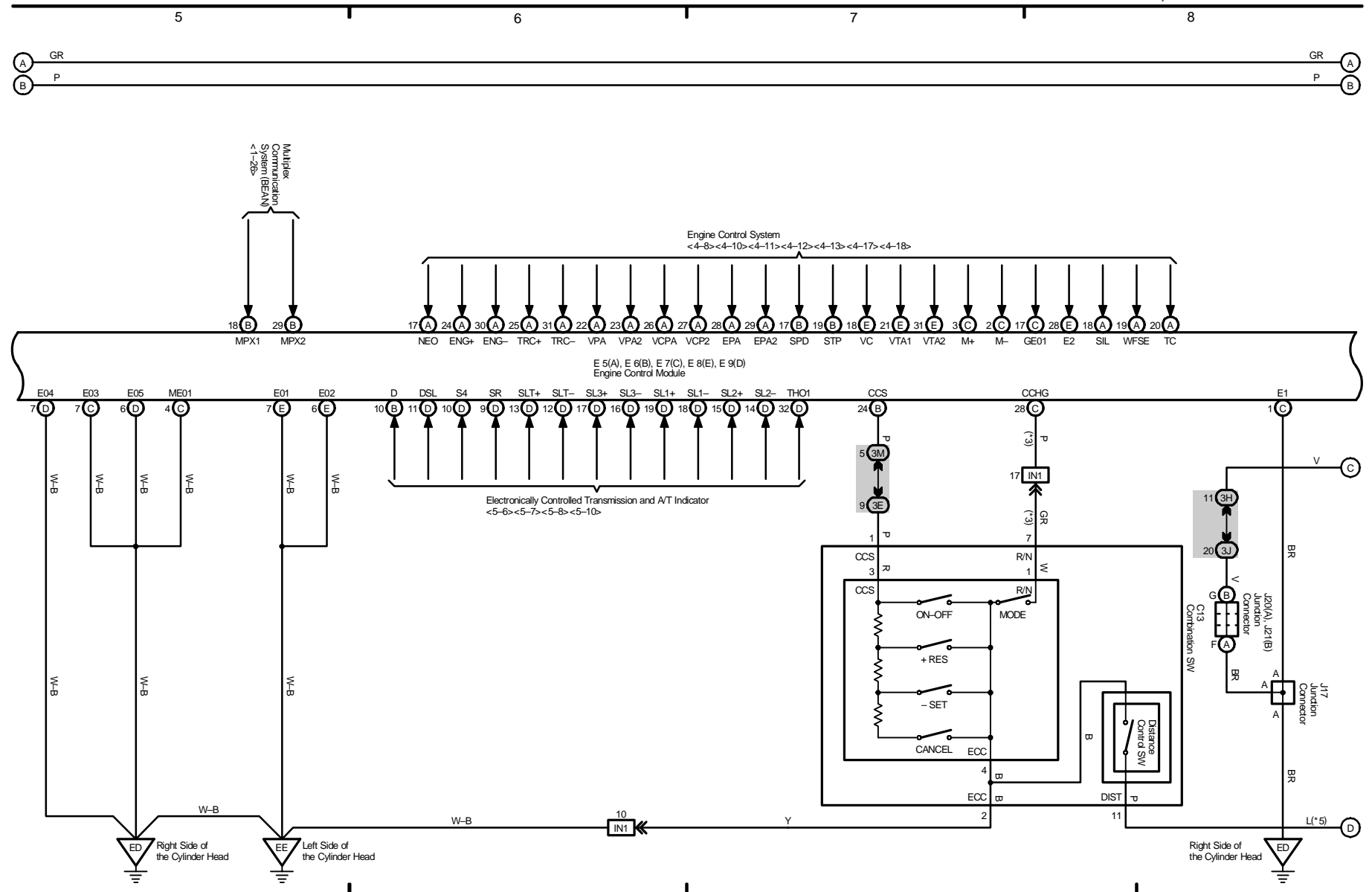




# M OVERALL ELECTRICAL WIRING DIAGRAM



\* 3 : w/ Dynamic Laser Cruise Control



## 6 RX 330 (Cont' d)



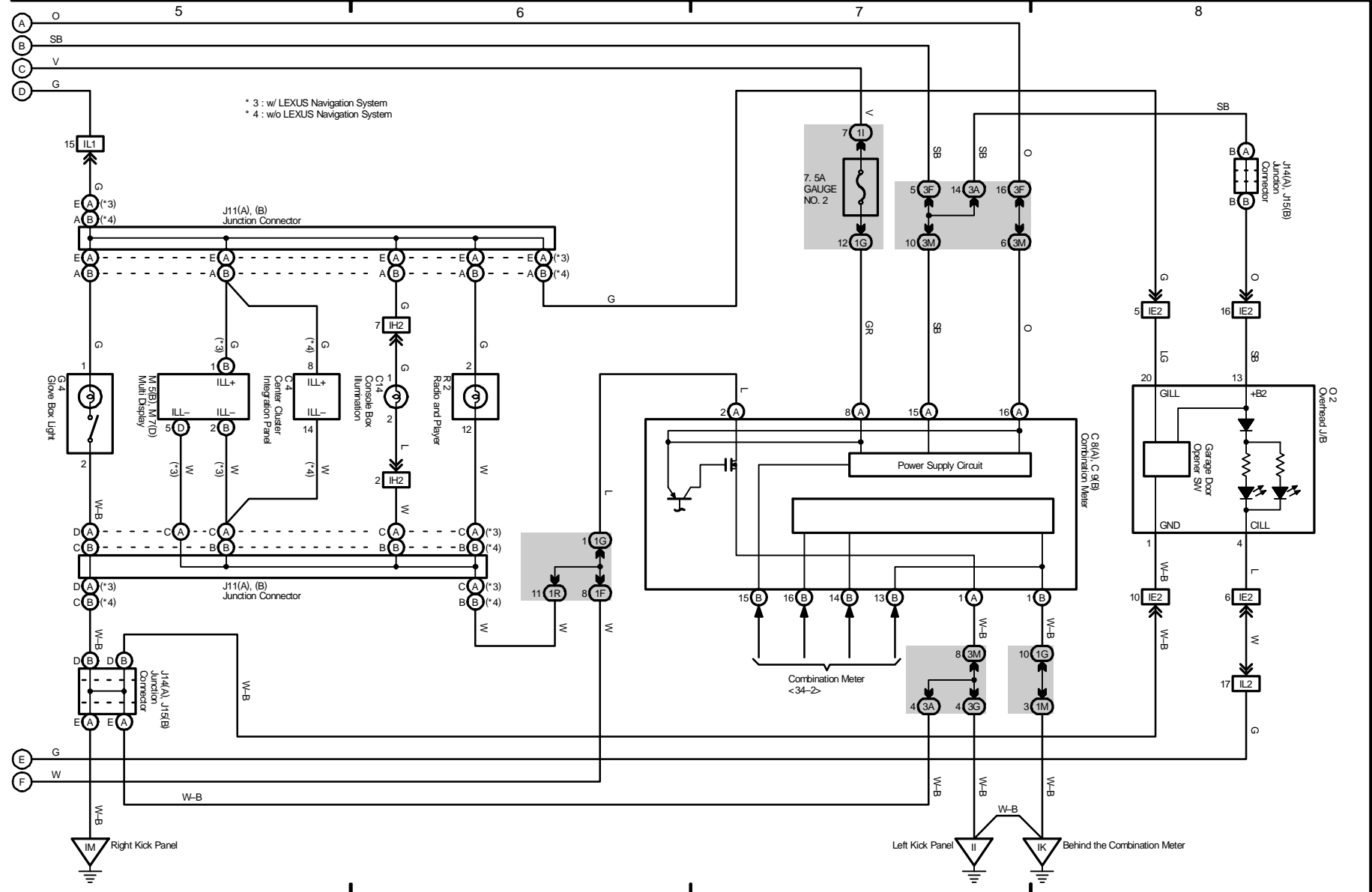


## 7 RX 330

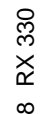


## Illumination

## Garage Door Opener

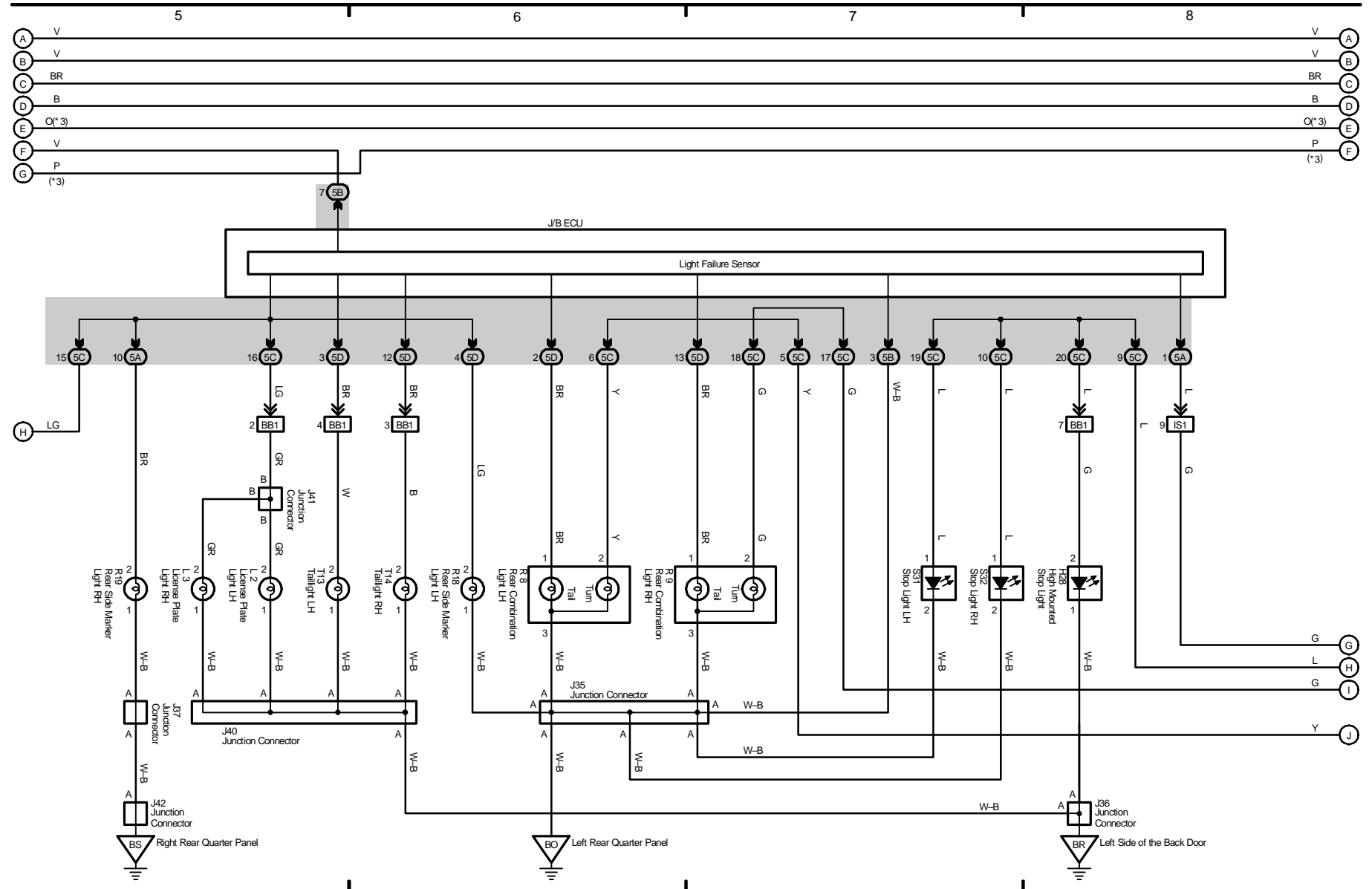


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## Turn Signal and Hazard Warning Light, Taillight and Stop Light

\* 3 : w/ Dynamic Laser Cruise Control





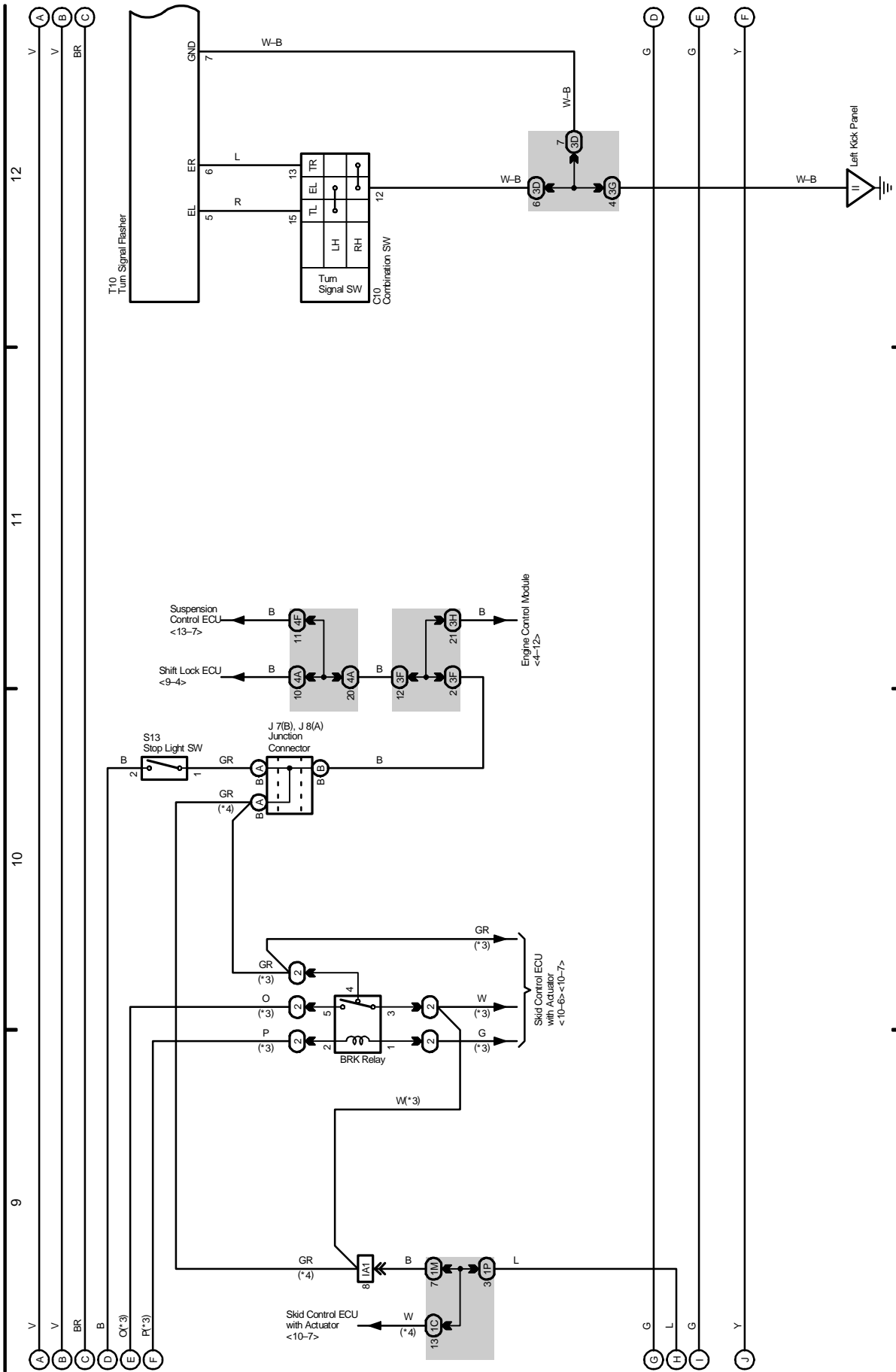
# M OVERALL ELECTRICAL WIRING DIAGRAM

8 RX 330 (Cont' d)

(Cont. next page)

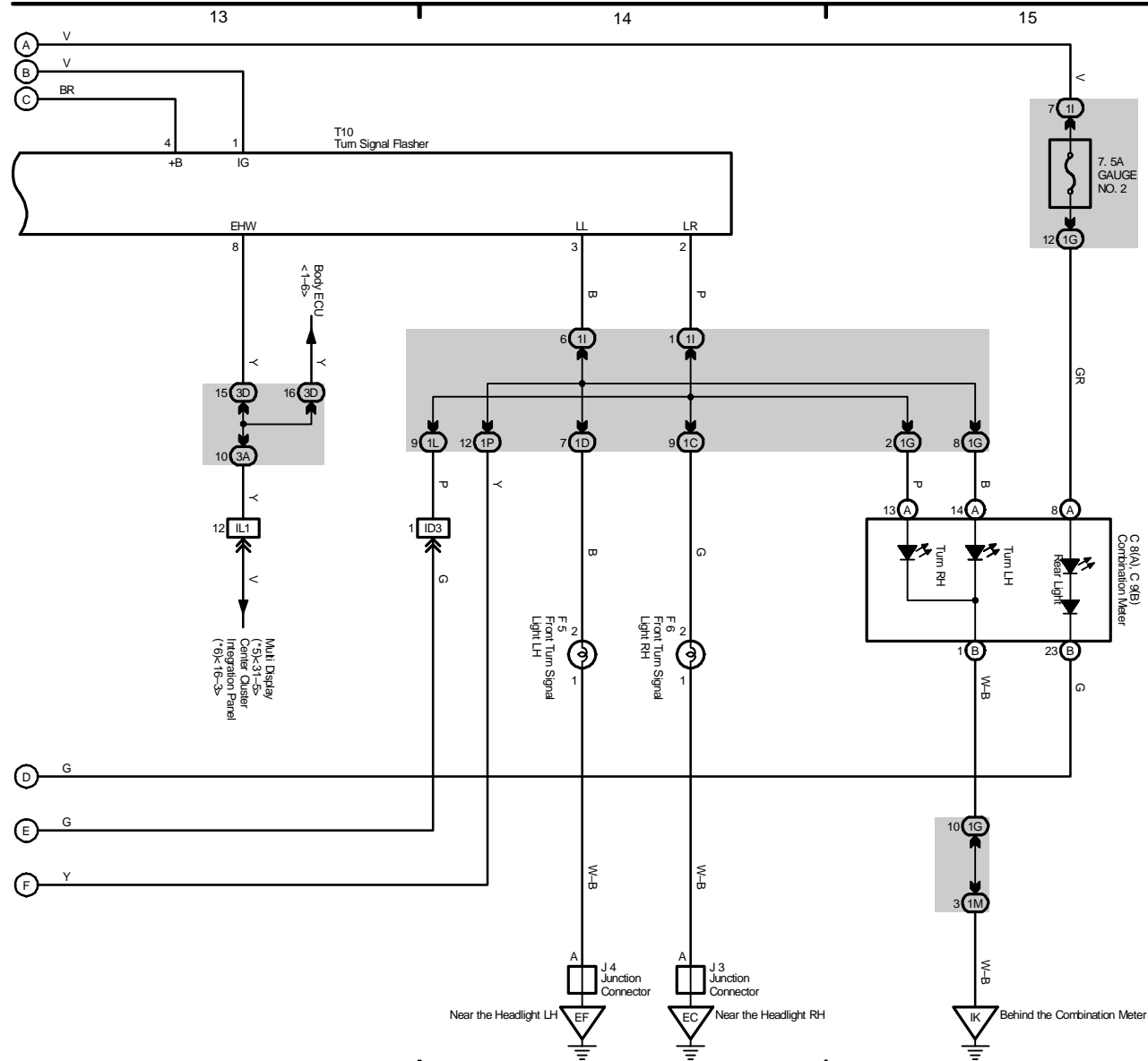
## Turn Signal and Hazard Warning Light, Taillight and Stop Light

\* 3 : w/ Dynamic Laser Cruise Control  
 \* 4 : w/o Dynamic Laser Cruise Control

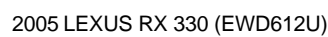


Turn Signal and Hazard Warning Light, Taillight and Stop Light

\* 5 : w/ LEXUS Navigation System  
 \* 6 : w/o LEXUS Navigation System



## 9 RX 330



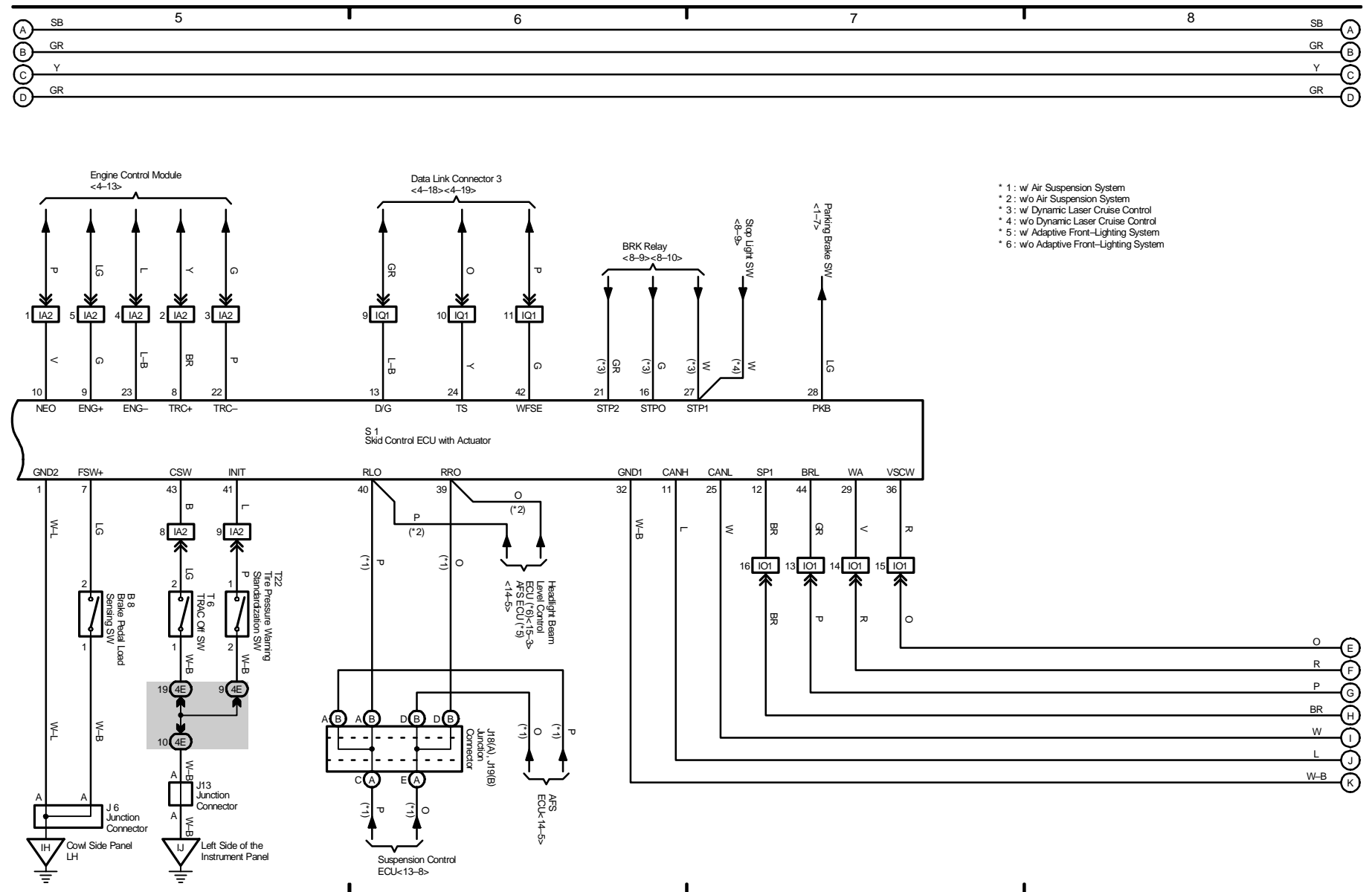


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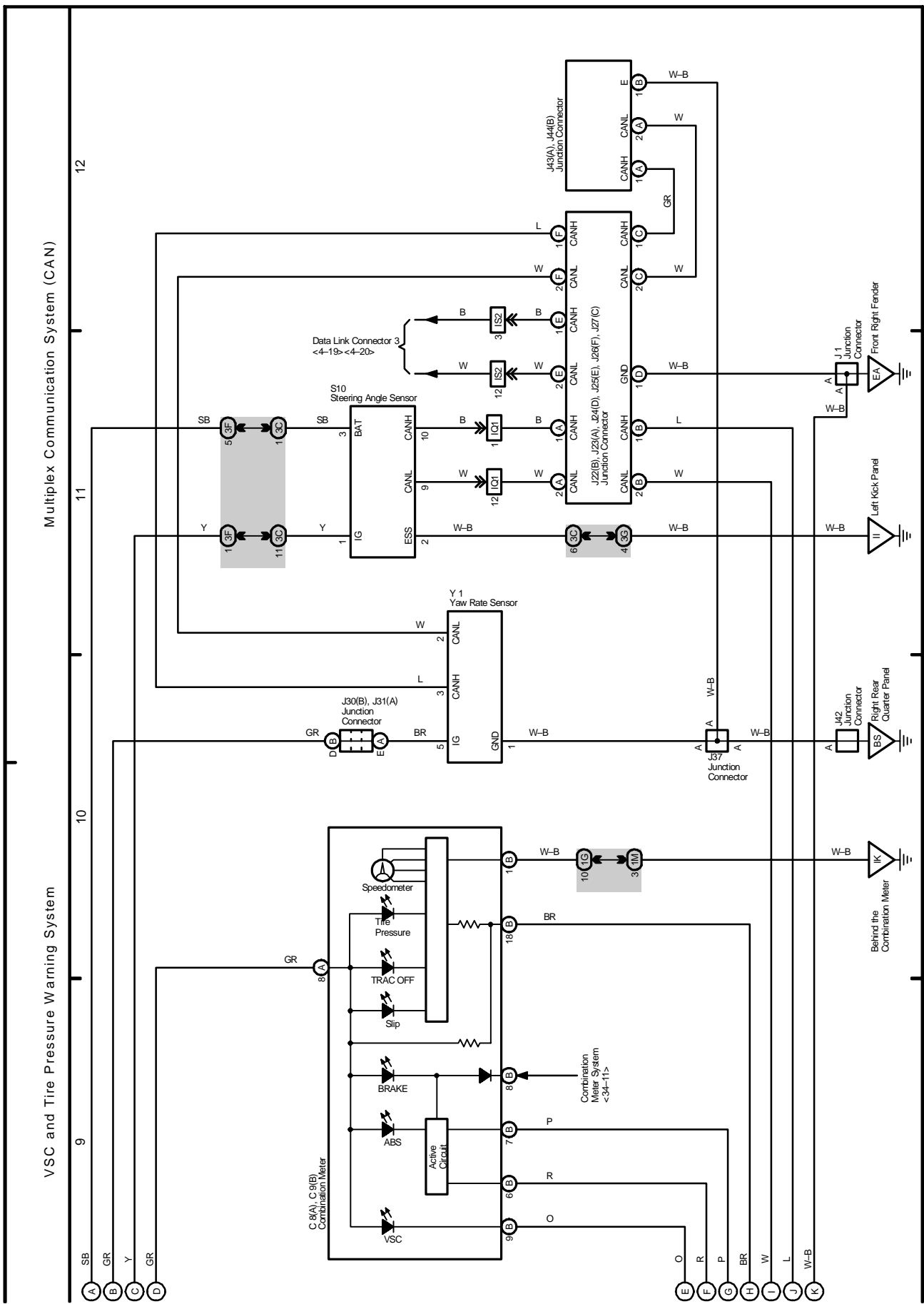


## VSC and Tire Pressure Warning System



# M OVERALL ELECTRICAL WIRING DIAGRAM

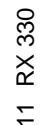
10 RX 330 (Cont' d)



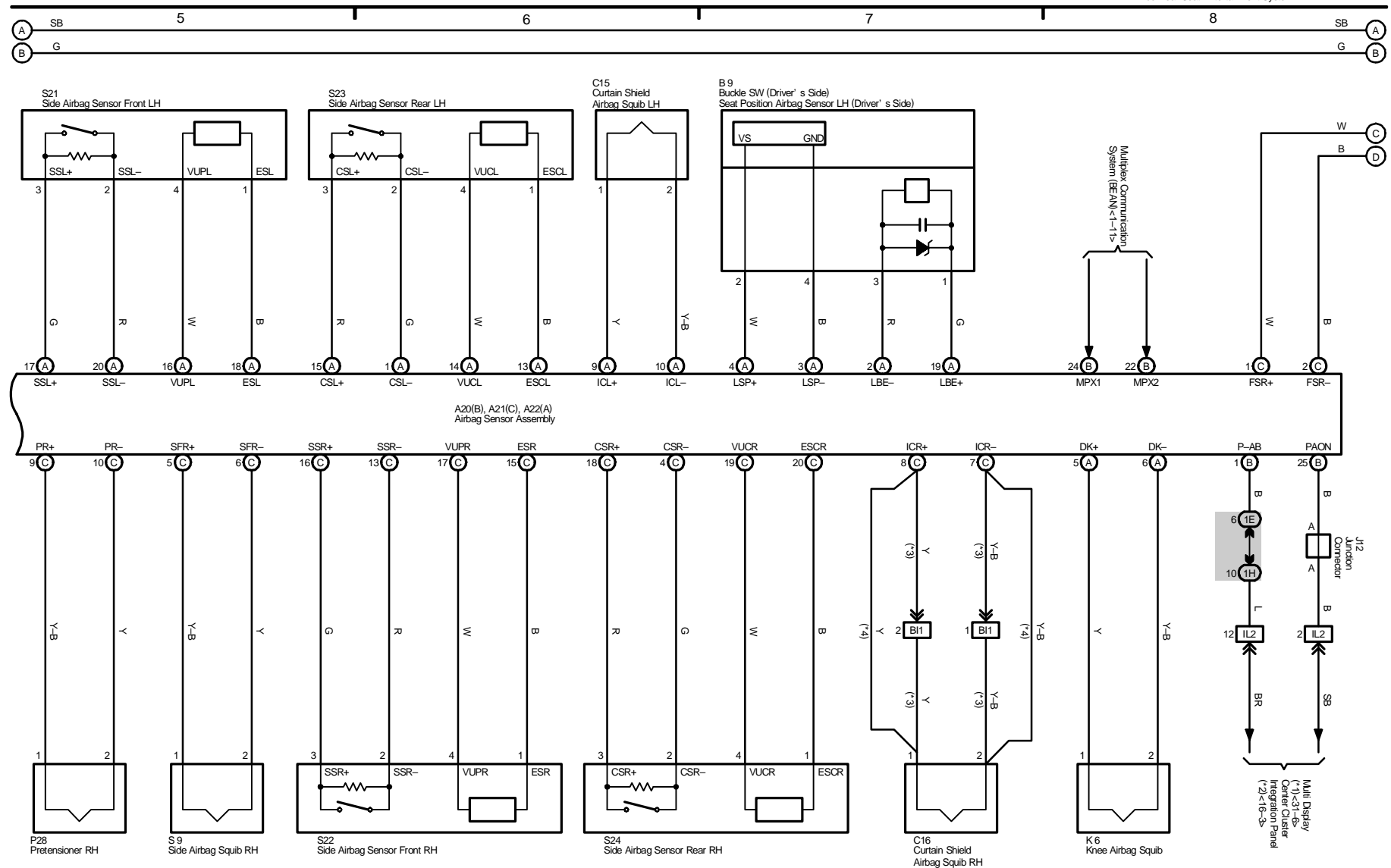




(Cont. next page)



- \* 1 : w/ LEXUS Navigation System
- \* 2 : w/o LEXUS Navigation System
- \* 3 : w/ Rear Seat Entertainment System
- \* 4 : w/o Rear Seat Entertainment System



# M OVERALL ELECTRICAL WIRING DIAGRAM

11 RX 330 (Cont' d)

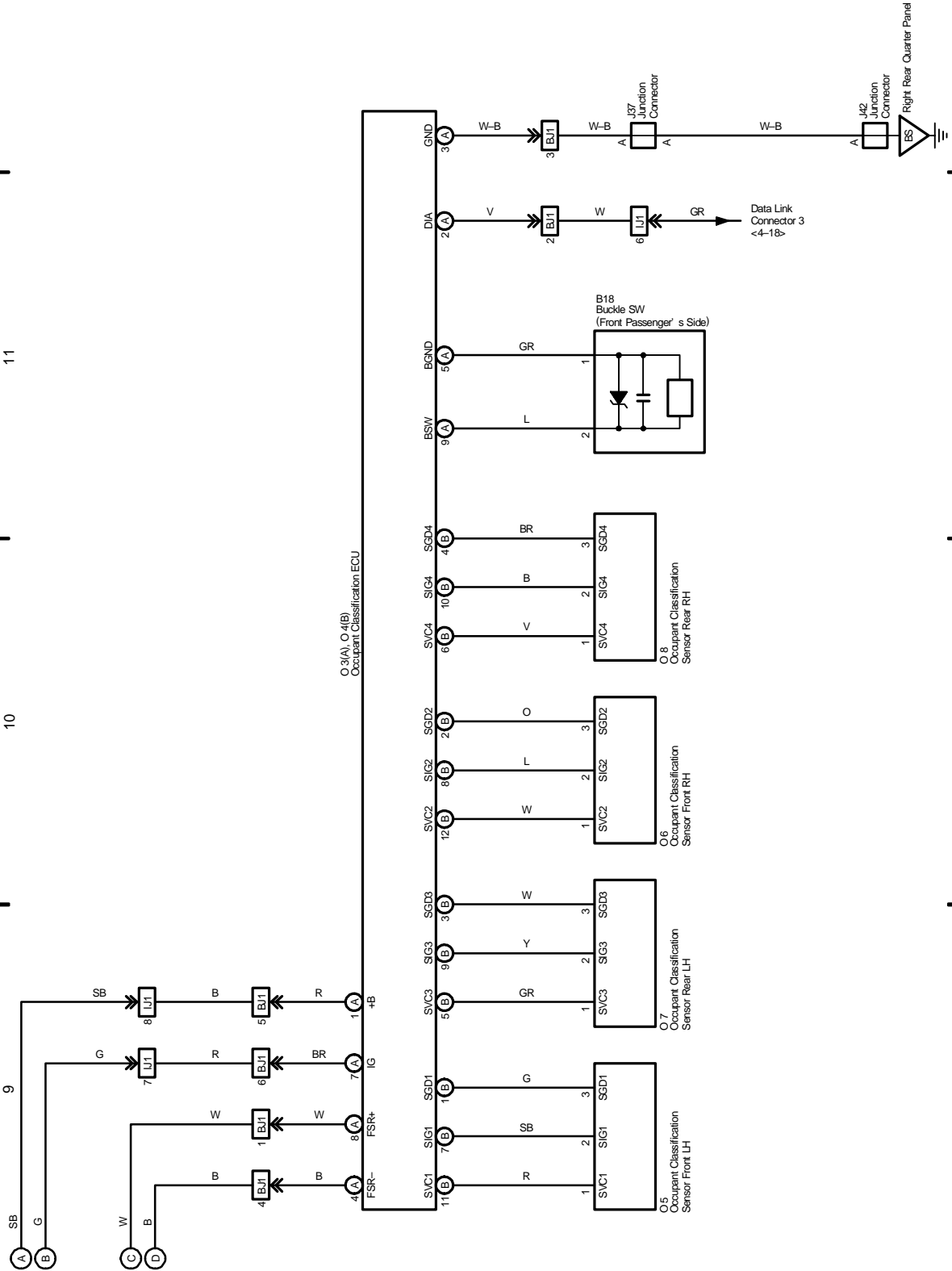
SRS

12

11

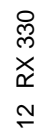
10

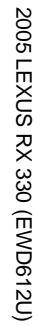
9





(Cont. next page)





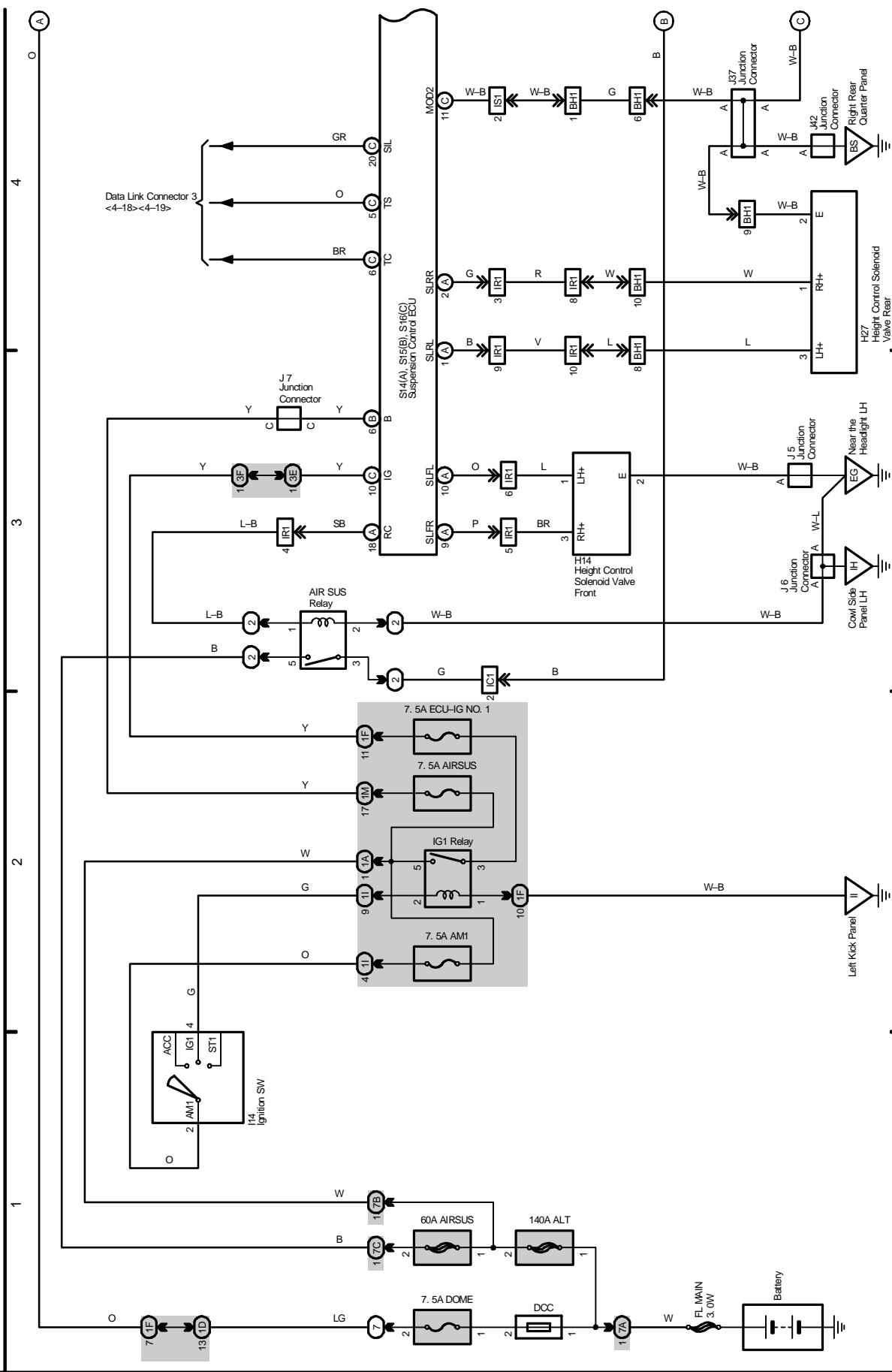
# M OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

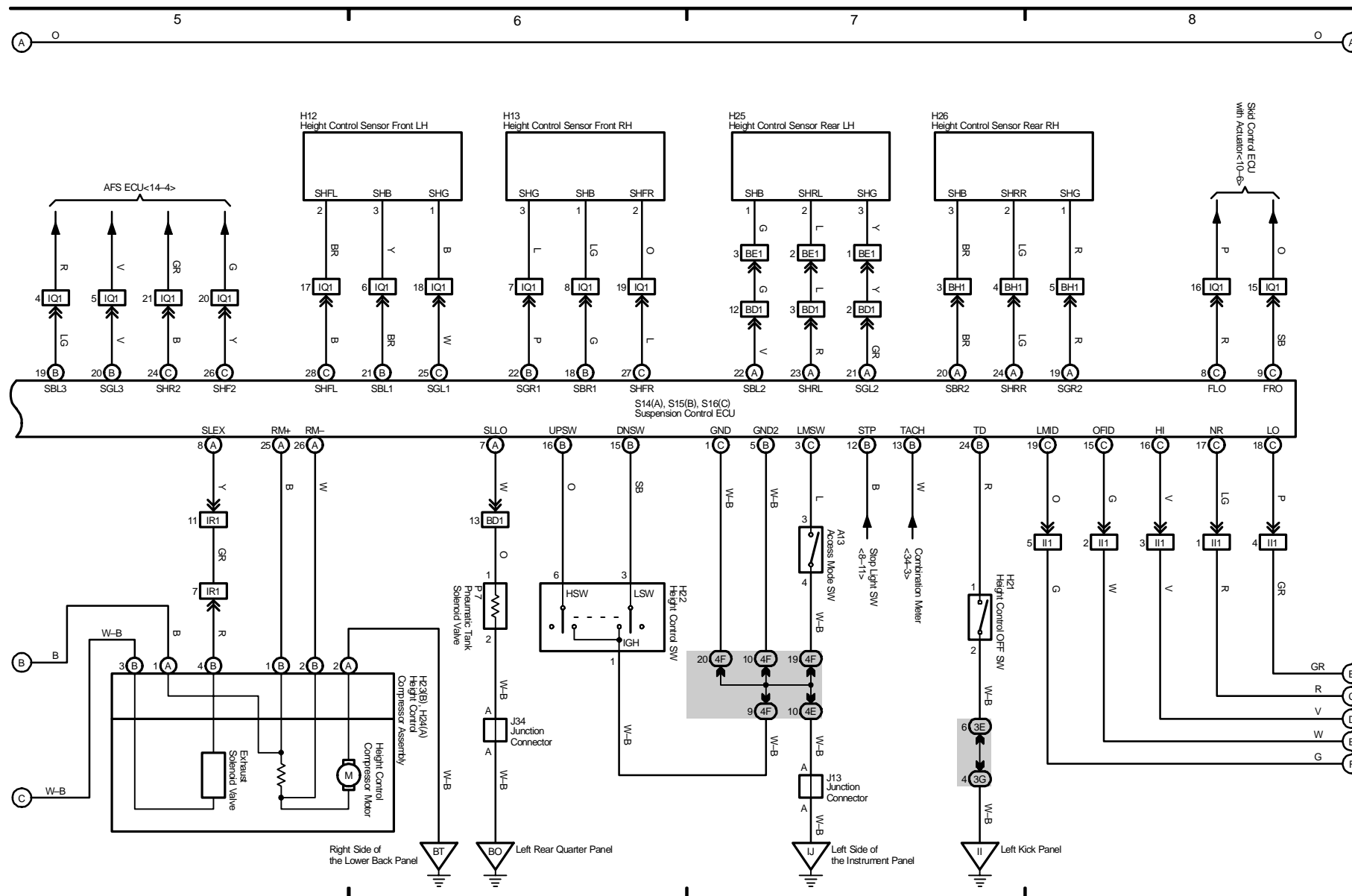
13 RX 330

Power Source

Air Suspension System

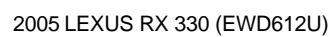


## Air Suspension System





## 13 RX 330 (Cont' d)





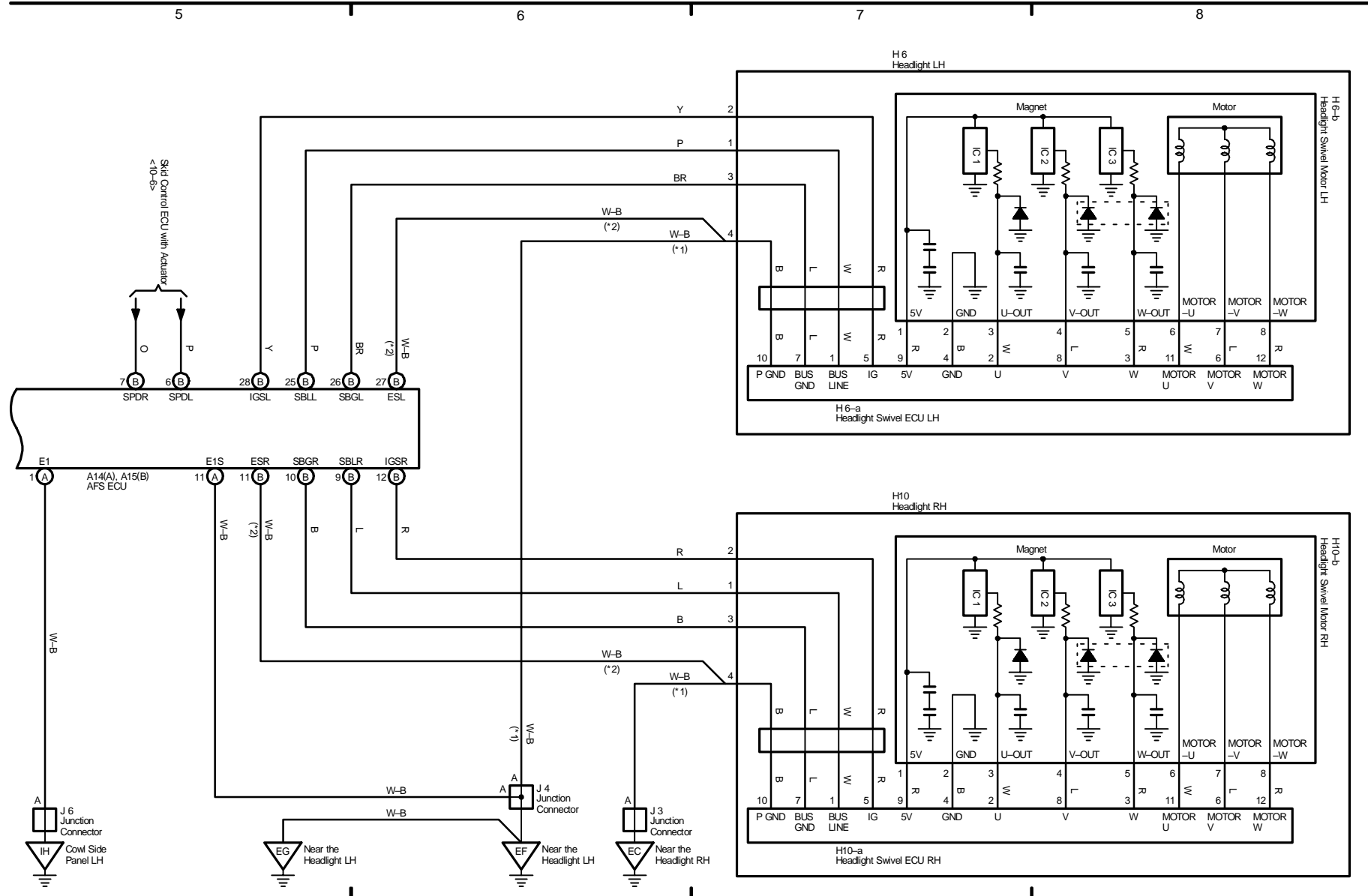
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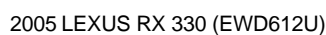


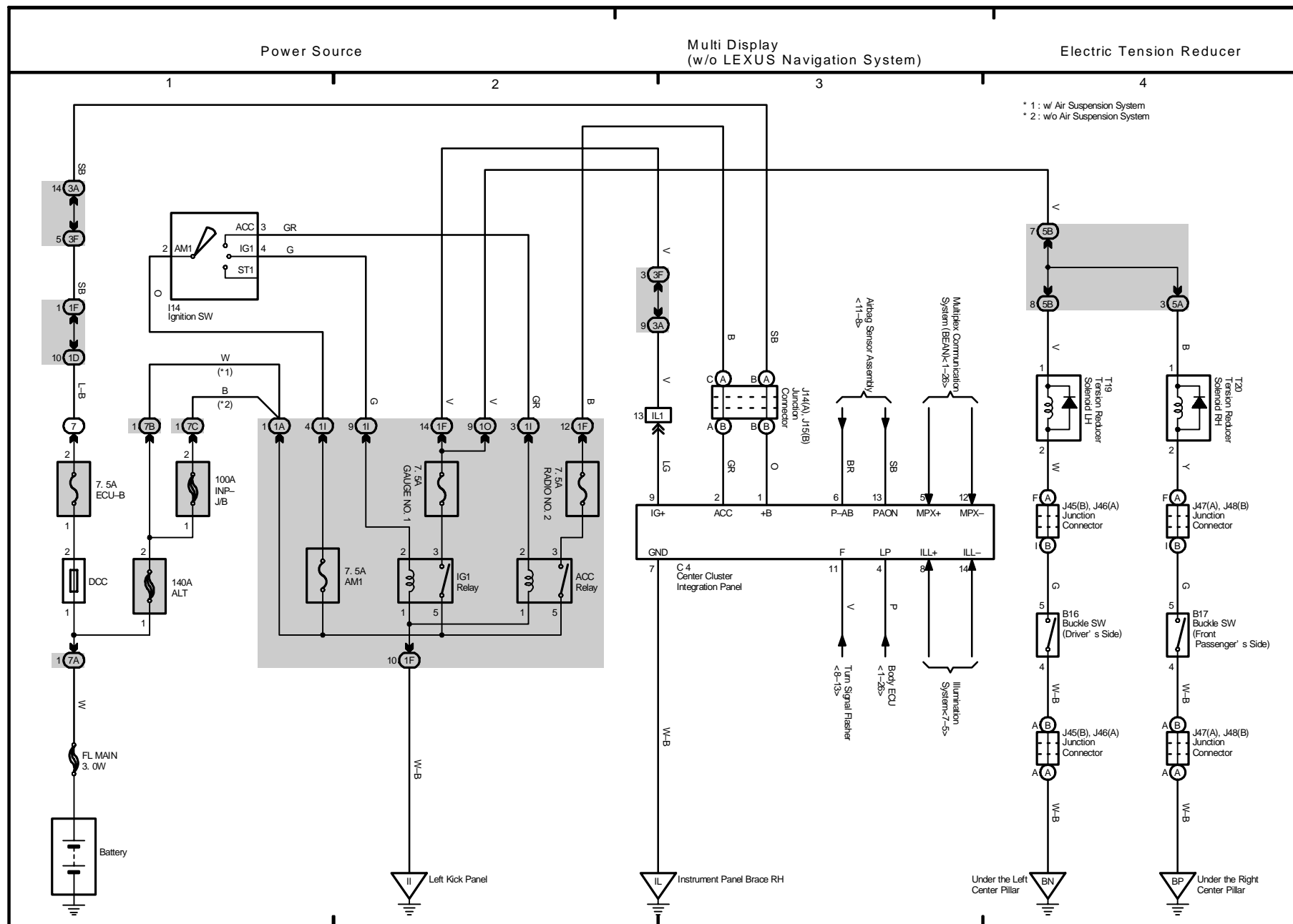
## Adaptive Front-Lighting System

\* 1 : w/ Air Suspension System  
 \* 2 : w/o Air Suspension System



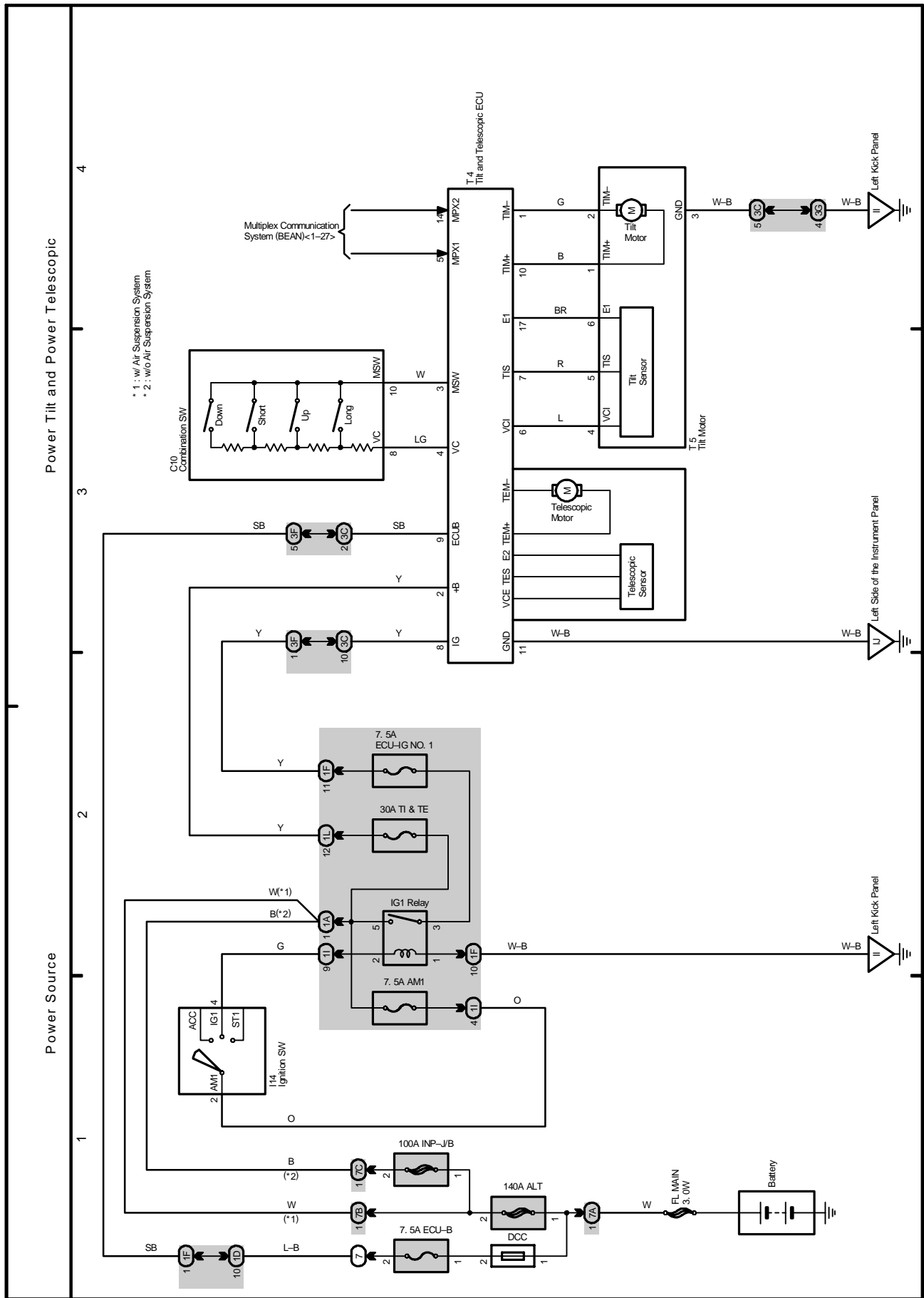
## 15 RX 330

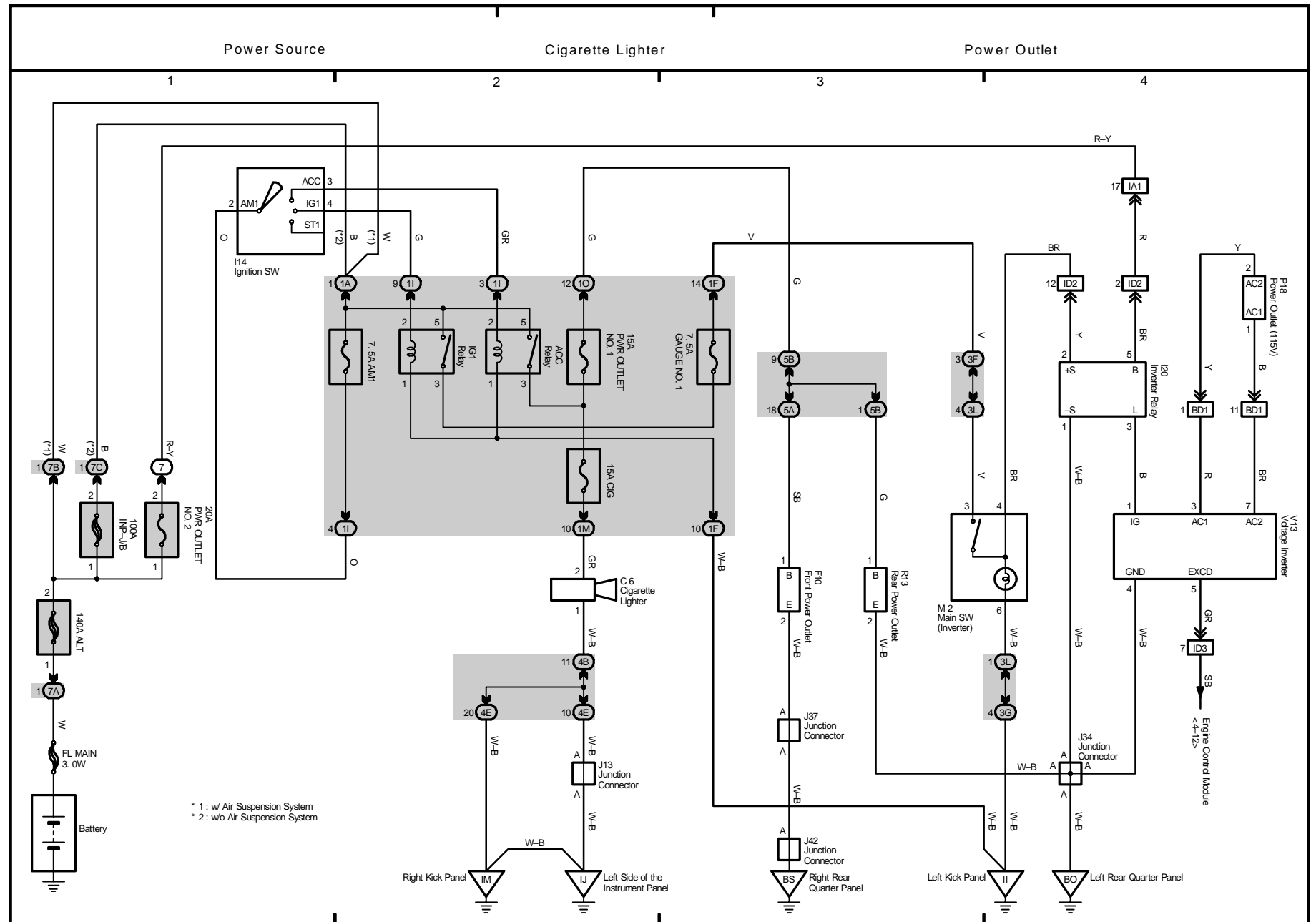




# M OVERALL ELECTRICAL WIRING DIAGRAM

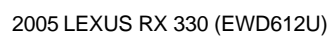
17 RX 330





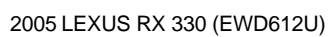


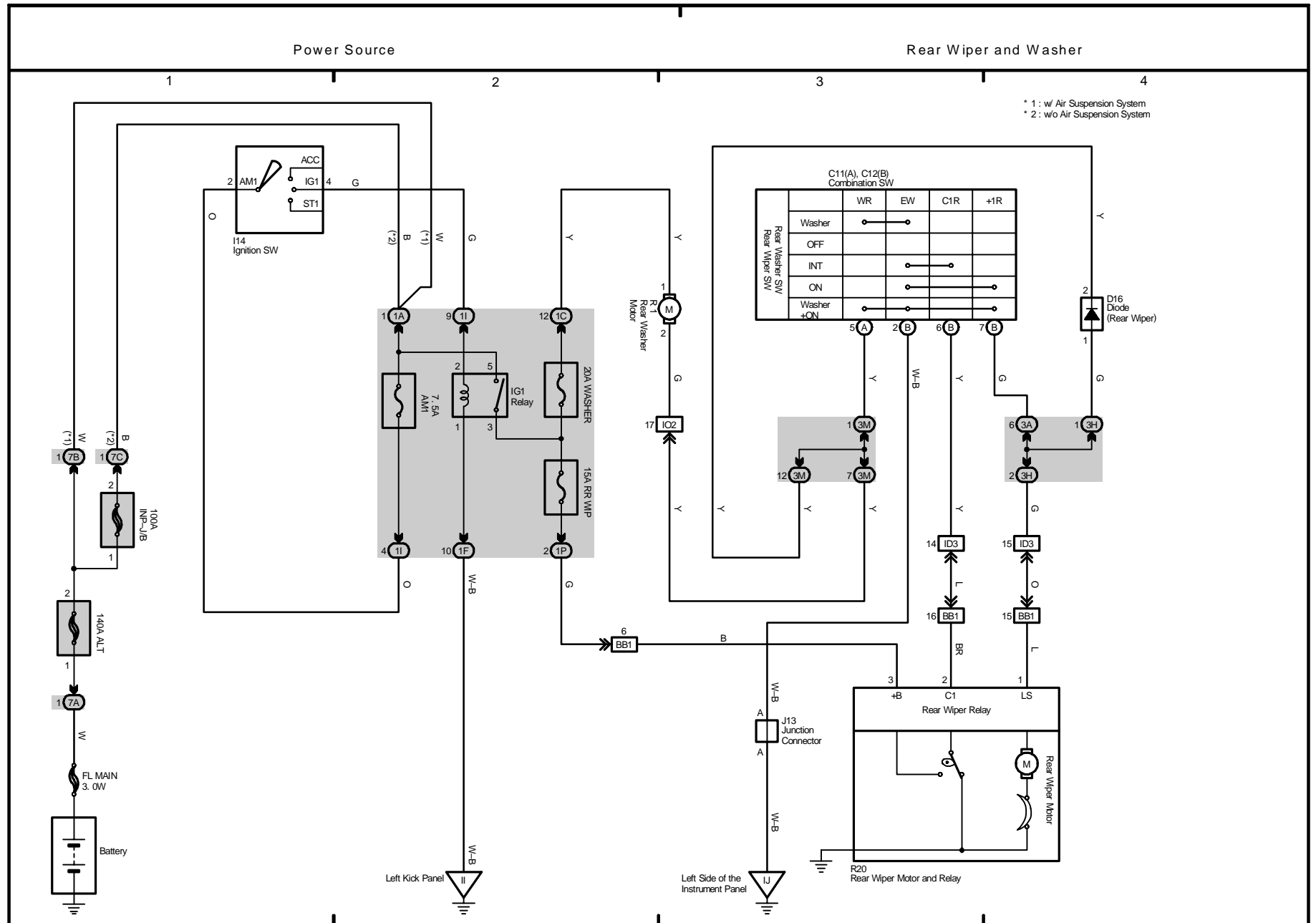
## 19 RX 330



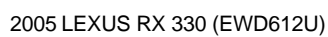


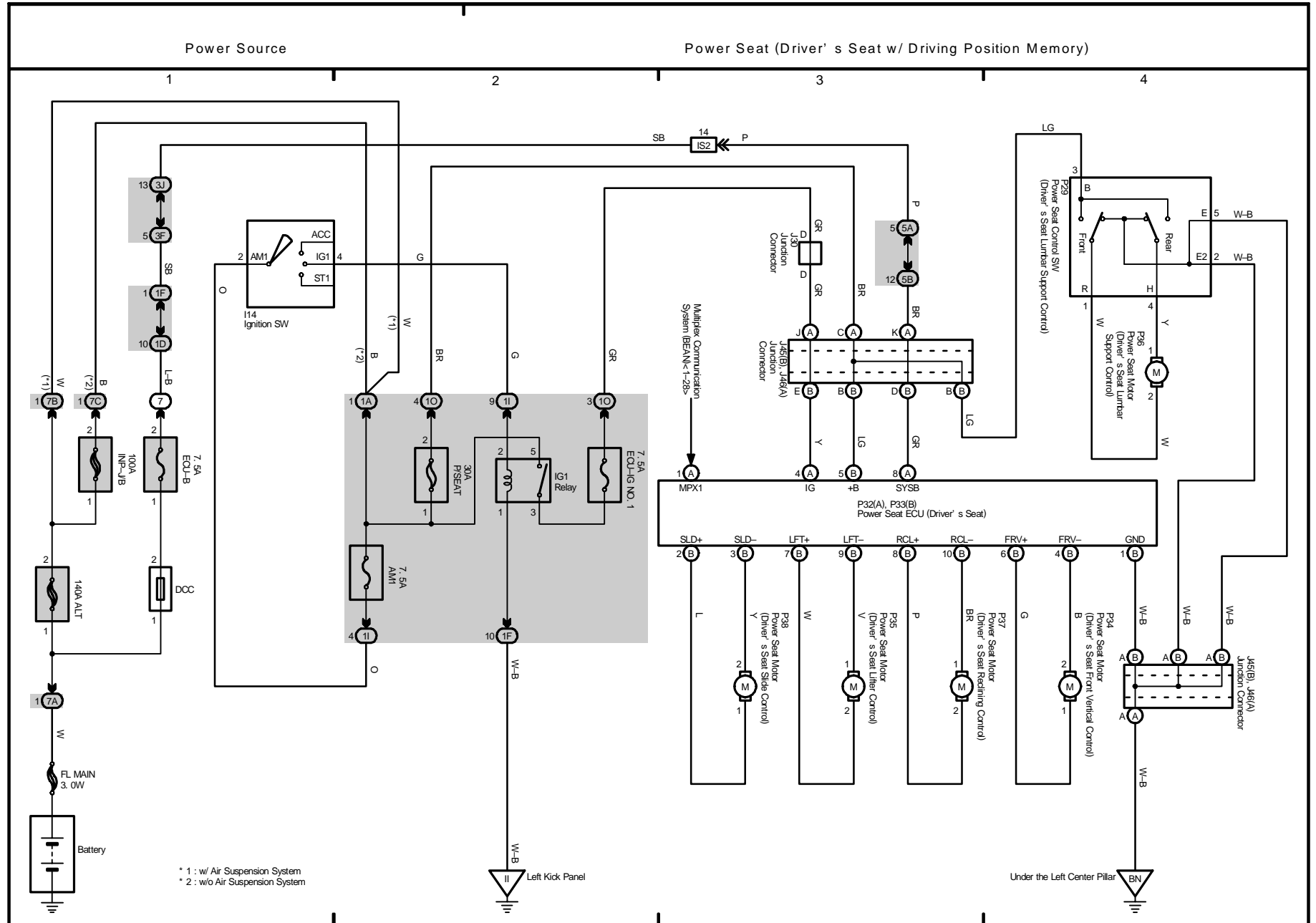
## 21 RX 330





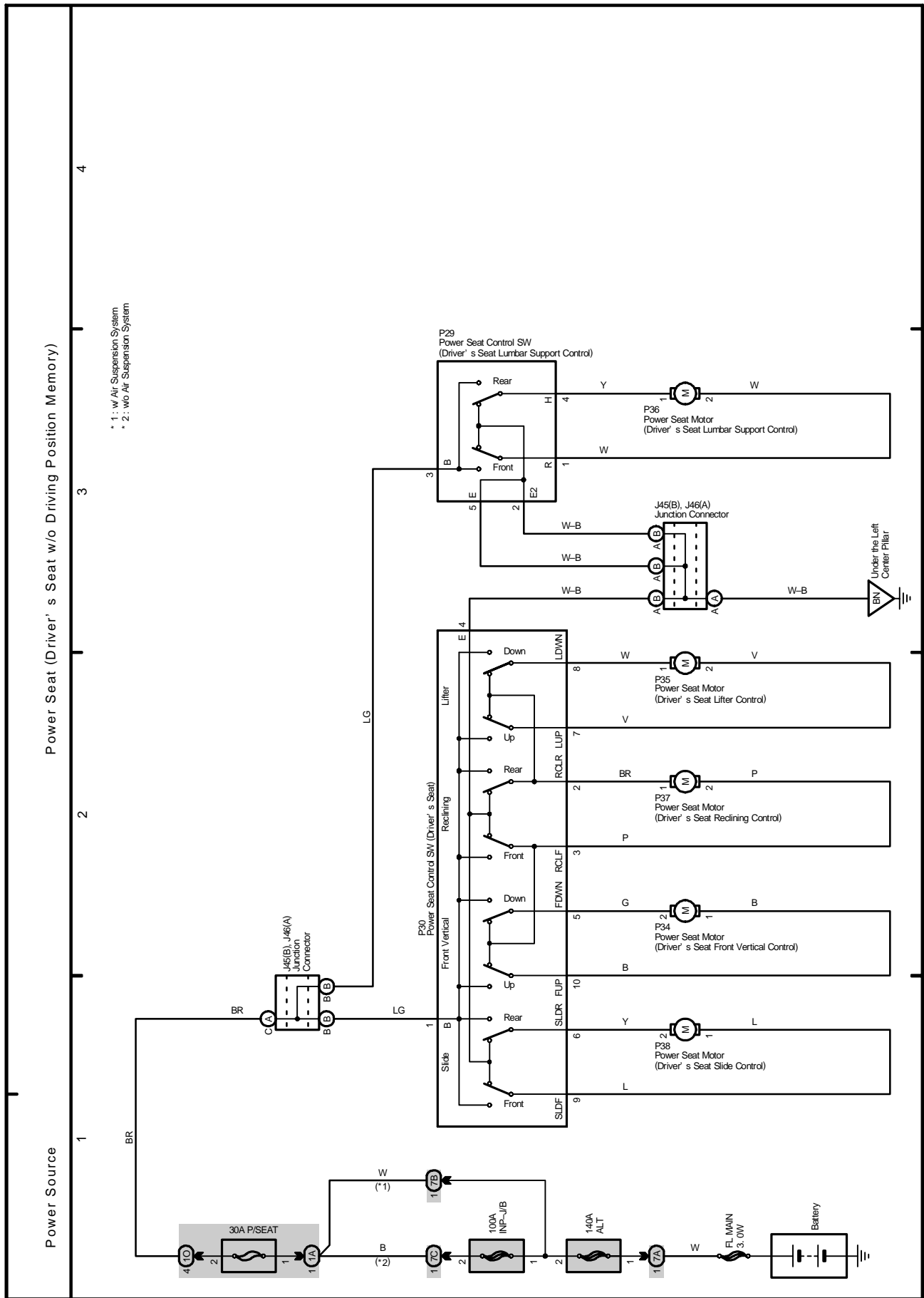
## 23 RX 330

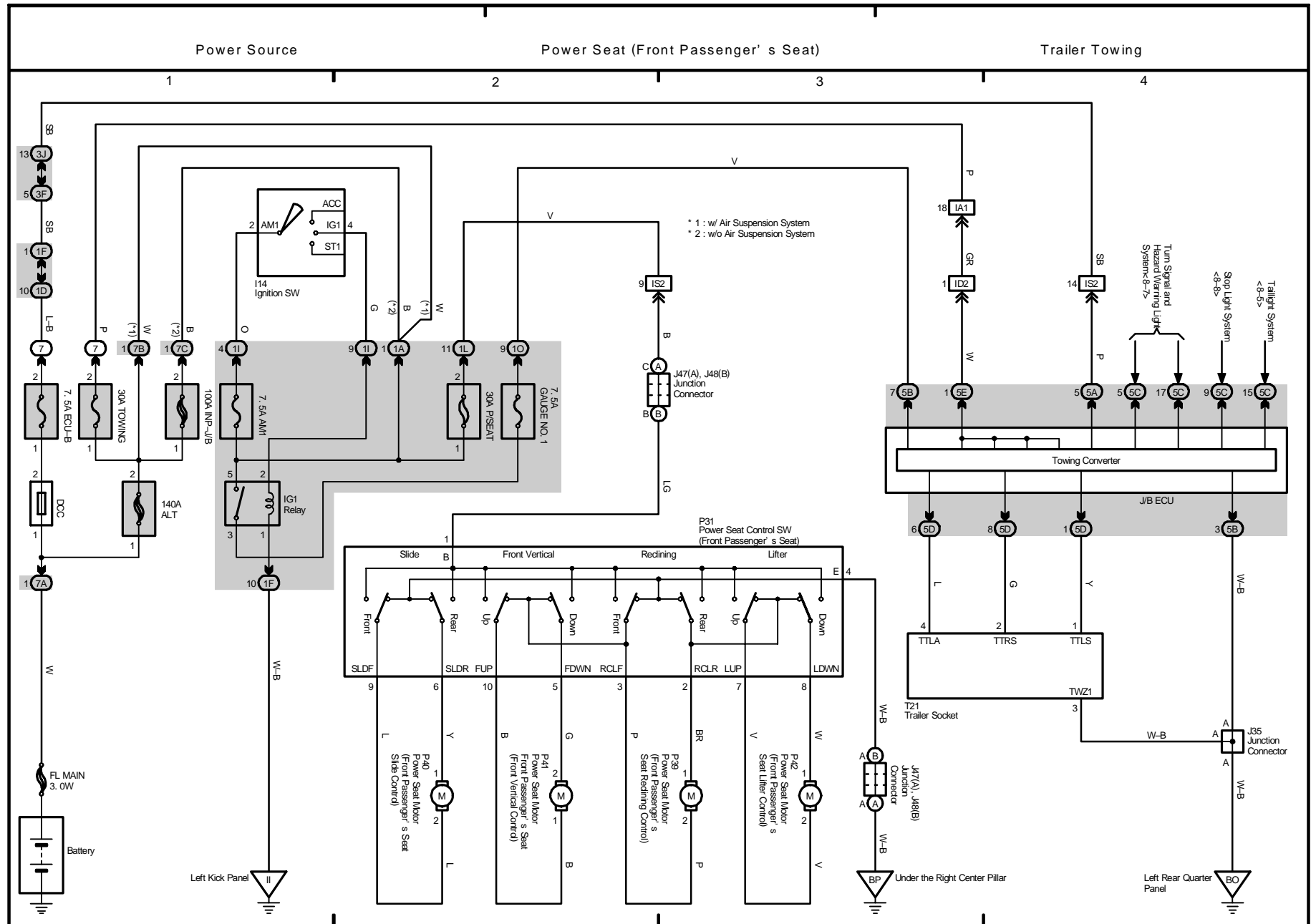




# M OVERALL ELECTRICAL WIRING DIAGRAM

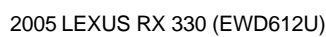
25 RX 330

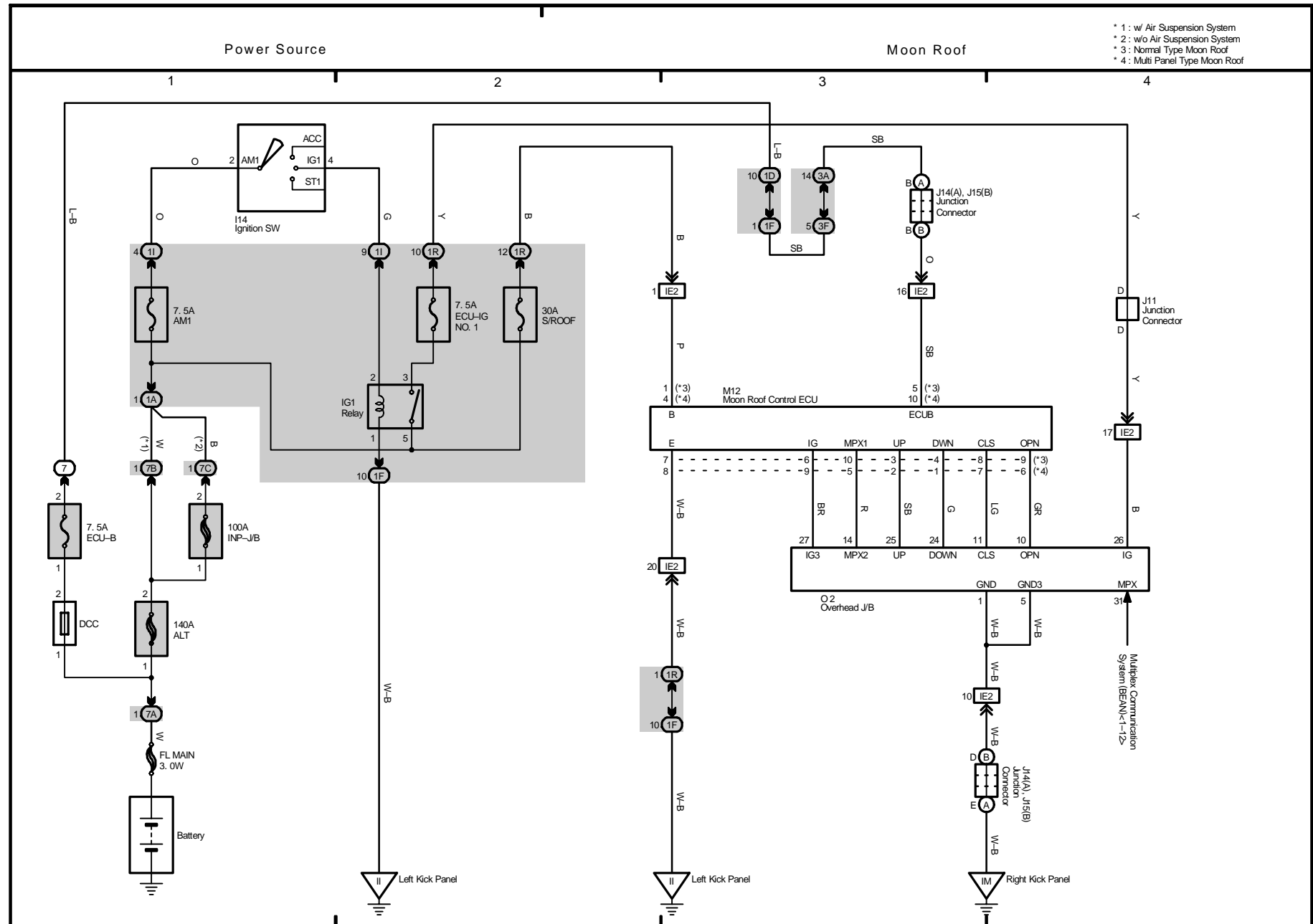






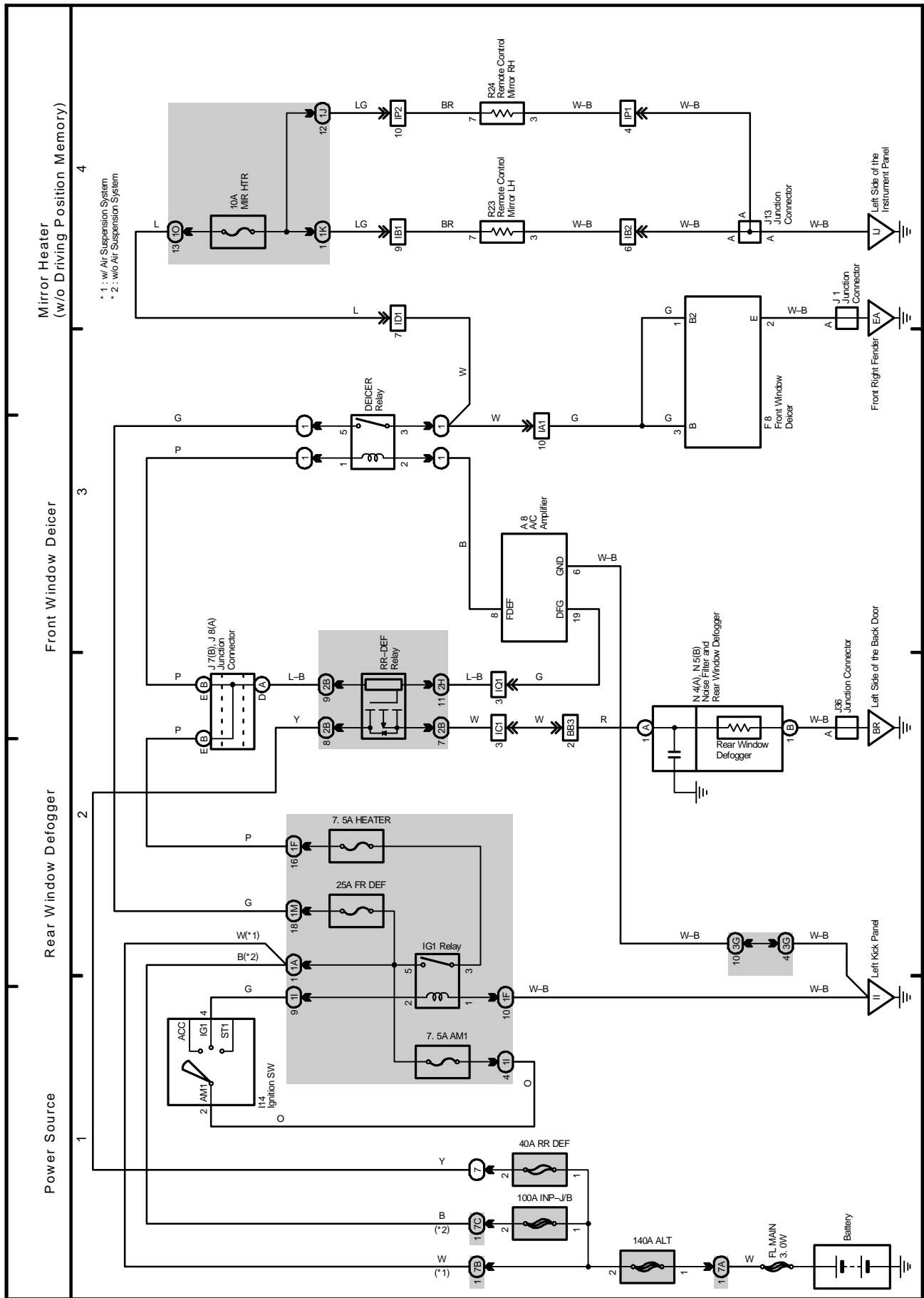
## 27 RX 330

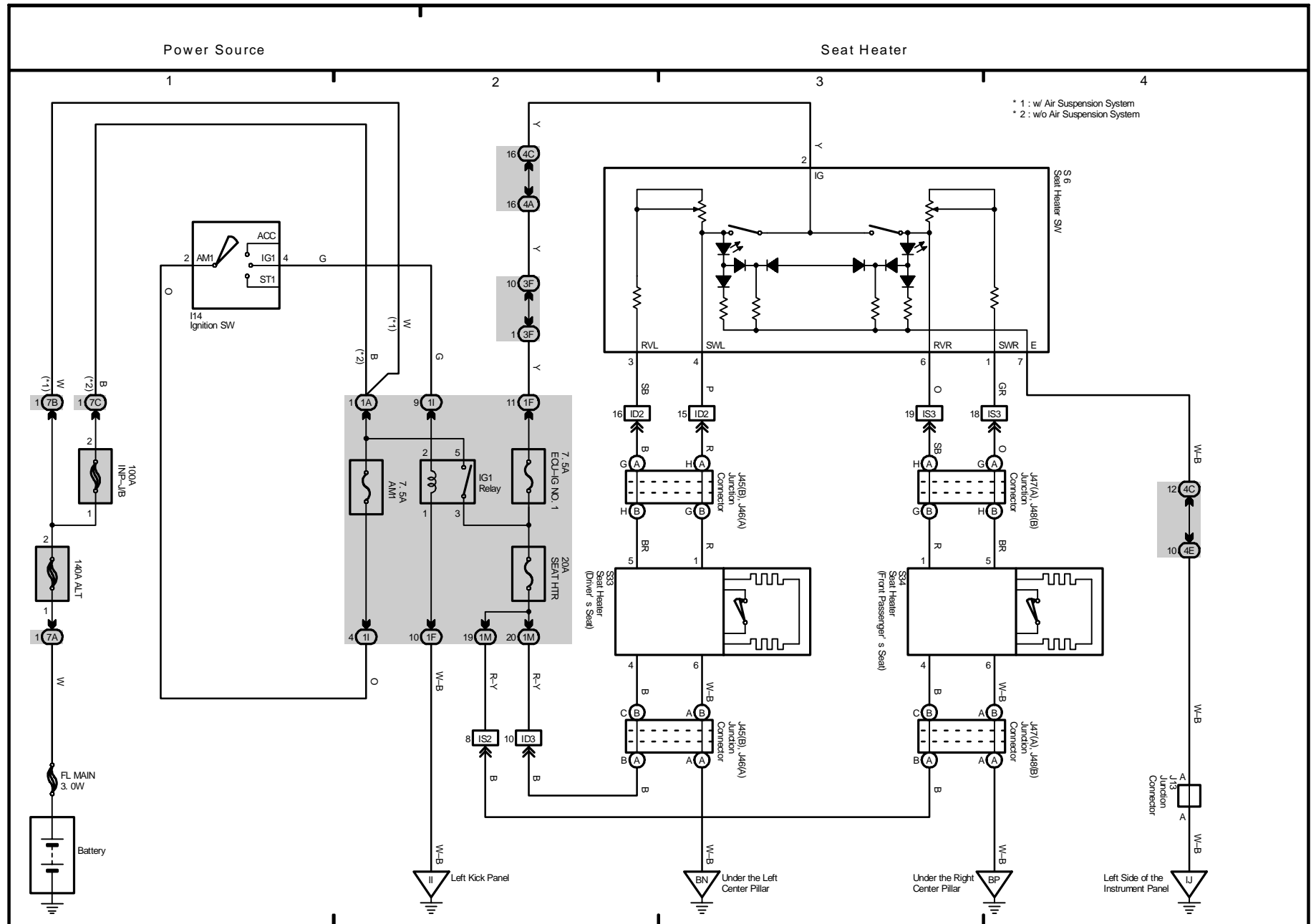




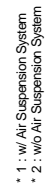
# M OVERALL ELECTRICAL WIRING DIAGRAM

29 RX 330

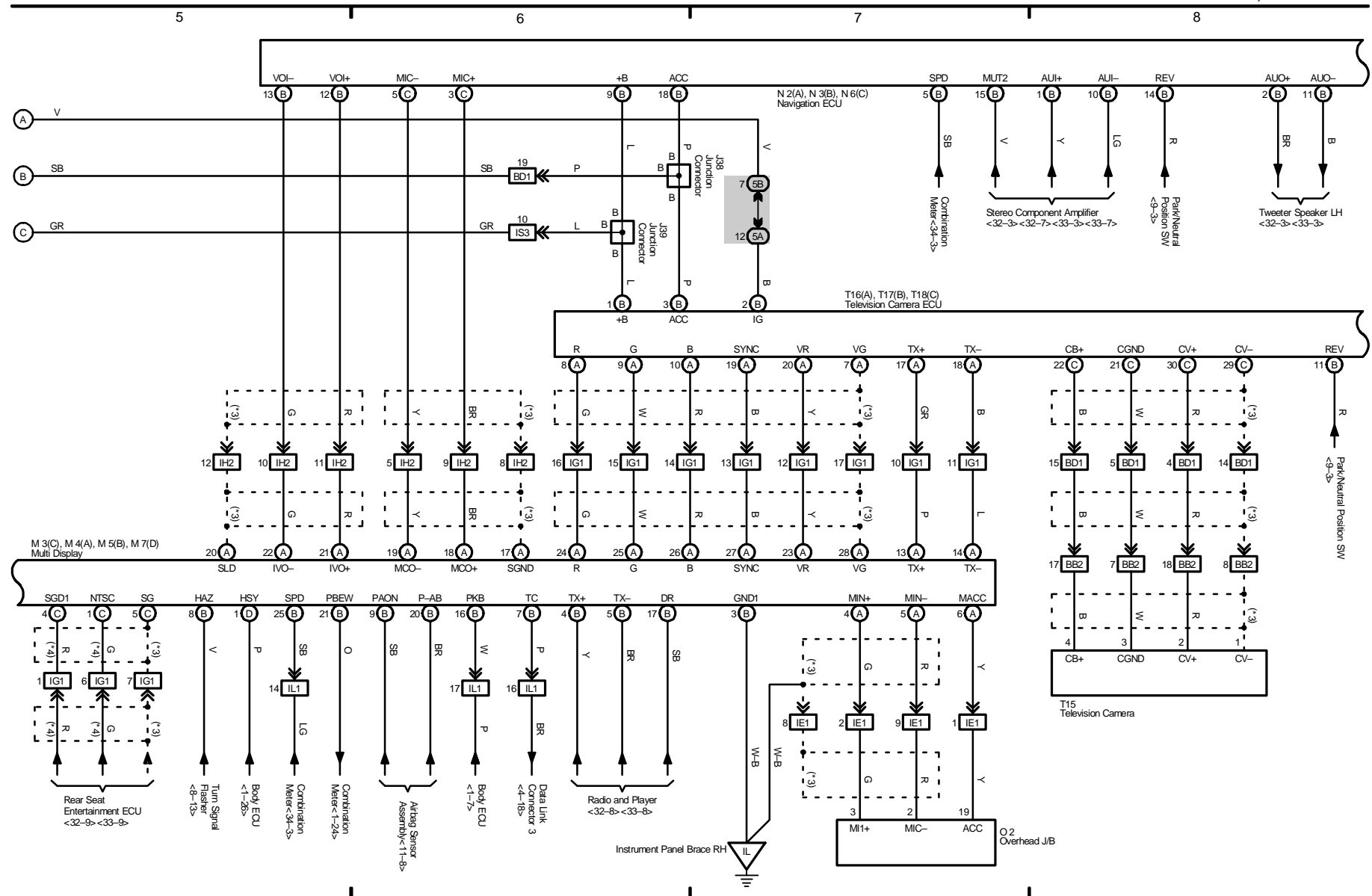




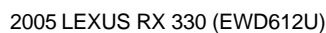
## 31 RX 330



\* 3 : Shielded  
\* 4 : w/ Rear Seat Entertainment System



## 31 RX 330 (Cont' d)



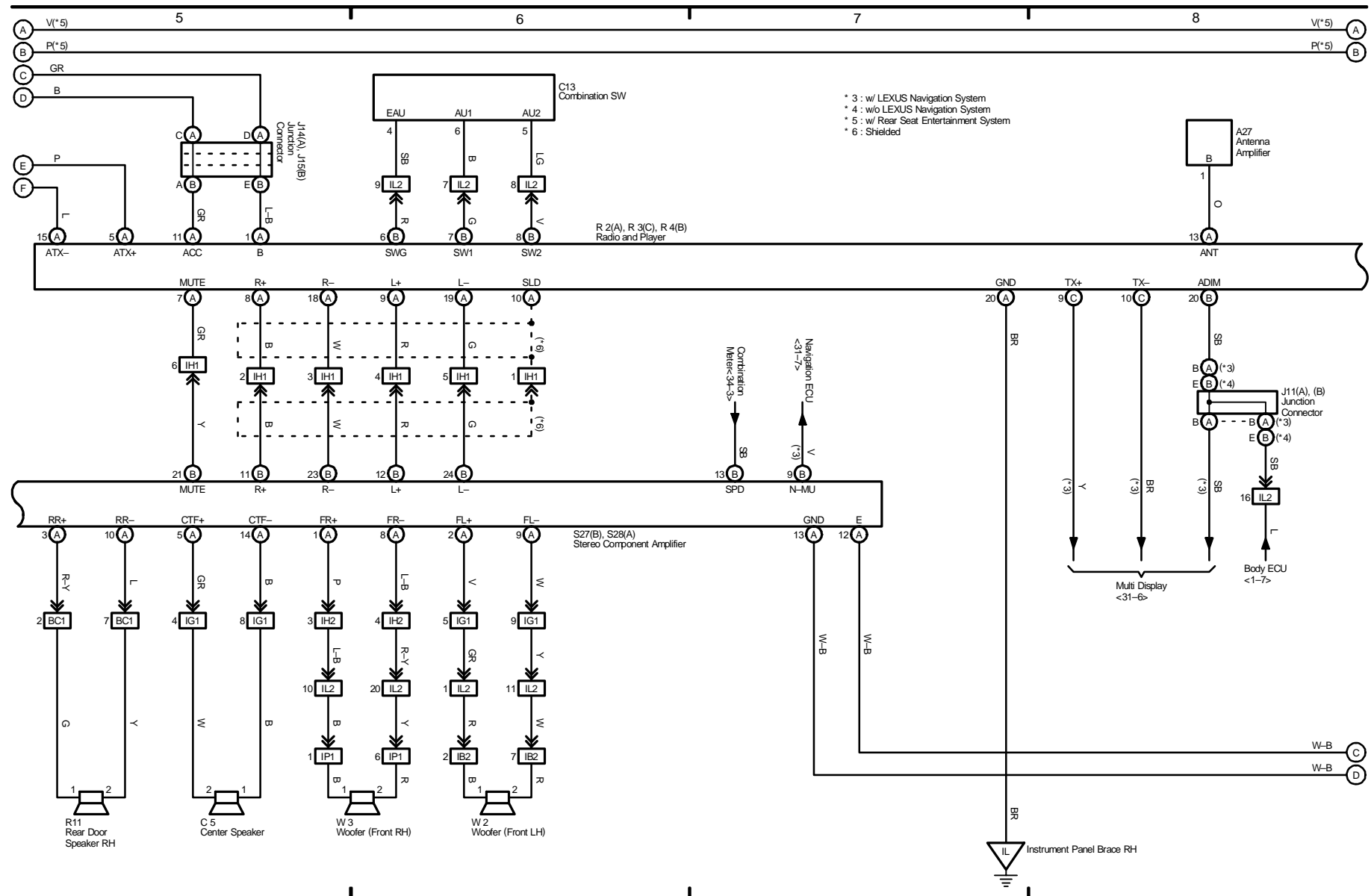




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## Audio System (MARK LEVINSON)



Wiring diagram for the rear seat entertainment system, showing connections between the Radio and Player (R2, R3, R4), Video Terminal (V12), Rear Seat Entertainment ECU (R15, R16, R17, R25), and Rear Seat Entertainment Display (R14).

**Legend:**

- \* 3 : w/ LEXUS Navigation System
- \* 5 : w/ Rear Seat Entertainment System
- \* 6 : Shielded

**Components and Connections:**

- Radio and Player (R2(A), R3(C), R4(B))**:
  - Inputs: RMUT, TX+, TX-, MUTE, R-R+, R-R-, R-L+, R-L-, RSLD, CDR+, CDR-, CDL+, CDL-, CSLD.
  - Outputs: RMUT, TX+, TX-, LMUT, R-R+, R-R-, R-L+, R-L-, SG2, R+, R-, L+, L-, SG1, ACC, +B1.
  - Internal connections: IH1, IH2, IH3, IH4, IH5, IH6, IH7, IH8, IH9, IH10, IH11, IH12, IH13, IH14, IH15, IH16, IH17, IH18, IH19, IH20, IH21, IH22, IH23, IH24, IH25, IH26, IH27, IH28, IH29, IH30, IH31, IH32, IH33, IH34, IH35, IH36, IH37, IH38, IH39, IH40, IH41, IH42, IH43, IH44, IH45, IH46, IH47, IH48, IH49, IH50, IH51, IH52, IH53, IH54, IH55, IH56, IH57, IH58, IH59, IH60, IH61, IH62, IH63, IH64, IH65, IH66, IH67, IH68, IH69, IH70, IH71, IH72, IH73, IH74, IH75, IH76, IH77, IH78, IH79, IH80, IH81, IH82, IH83, IH84, IH85, IH86, IH87, IH88, IH89, IH90, IH91, IH92, IH93, IH94, IH95, IH96, IH97, IH98, IH99, IH100.
- Video Terminal (V12)**:
  - Inputs: VAL+, VAR+, SG, VV-, VV+, ADPG.
  - Outputs: VAL-, VAR-, SG, VV-, VV+, ADPG.
- Rear Seat Entertainment ECU (R15(A), R16(C), R17(B), R25(D))**:
  - Inputs: RMUT, TX+, TX-, LMUT, R-R+, R-R-, R-L+, R-L-, SG2, R+, R-, L+, L-, SG1, ACC, +B1.
  - Outputs: RMUT, TX+, TX-, LMUT, R-R+, R-R-, R-L+, R-L-, SG2, R+, R-, L+, L-, SG1, ACC, +B1.
- Rear Seat Entertainment Display (R14)**:
  - Inputs: +B2, ACC2, GND1, TX2+, TX2-, R2, G2, B2, VR2, SYN2, VG2, HP1L, HP1R, SG5, HP2R, HP2L, SG6.
  - Outputs: +B2, ACC2, GND1, TX2+, TX2-, R2, G2, B2, VR2, SYN2, VG2, HP1L, HP1R, SG5, HP2R, HP2L, SG6.

**Wiring Details:**

- Power and Ground:**
  - V(+5):** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - P(+5):** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - ACC:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - +B1:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - +B2:** Connected to R14.
  - ACC2:** Connected to R14.
  - GND1:** Connected to R14.
  - TX2+:** Connected to R14.
  - TX2-:** Connected to R14.
  - R2:** Connected to R14.
  - G2:** Connected to R14.
  - B2:** Connected to R14.
  - VR2:** Connected to R14.
  - SYN2:** Connected to R14.
  - VG2:** Connected to R14.
  - HP1L:** Connected to R14.
  - HP1R:** Connected to R14.
  - SG5:** Connected to R14.
  - HP2R:** Connected to R14.
  - HP2L:** Connected to R14.
  - SG6:** Connected to R14.
- Signal and Control:**
  - RMUT:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - TX+:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - TX-:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - LMUT:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - R-R+:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - R-R-:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - R-L+:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - R-L-:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - SG2:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - R+:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - R-:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - L+:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - L-:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - SG1:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - ACC:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - +B1:** Connected to R2(A), R3(C), R4(B), R15(A), R16(C), R17(B), R25(D), R14.
  - +B2:** Connected to R14.
  - ACC2:** Connected to R14.
  - GND1:** Connected to R14.
  - TX2+:** Connected to R14.
  - TX2-:** Connected to R14.
  - R2:** Connected to R14.
  - G2:** Connected to R14.
  - B2:** Connected to R14.
  - VR2:** Connected to R14.
  - SYN2:** Connected to R14.
  - VG2:** Connected to R14.
  - HP1L:** Connected to R14.
  - HP1R:** Connected to R14.
  - SG5:** Connected to R14.
  - HP2R:** Connected to R14.
  - HP2L:** Connected to R14.
  - SG6:** Connected to R14.

Audio System (MARK LEVINSON)

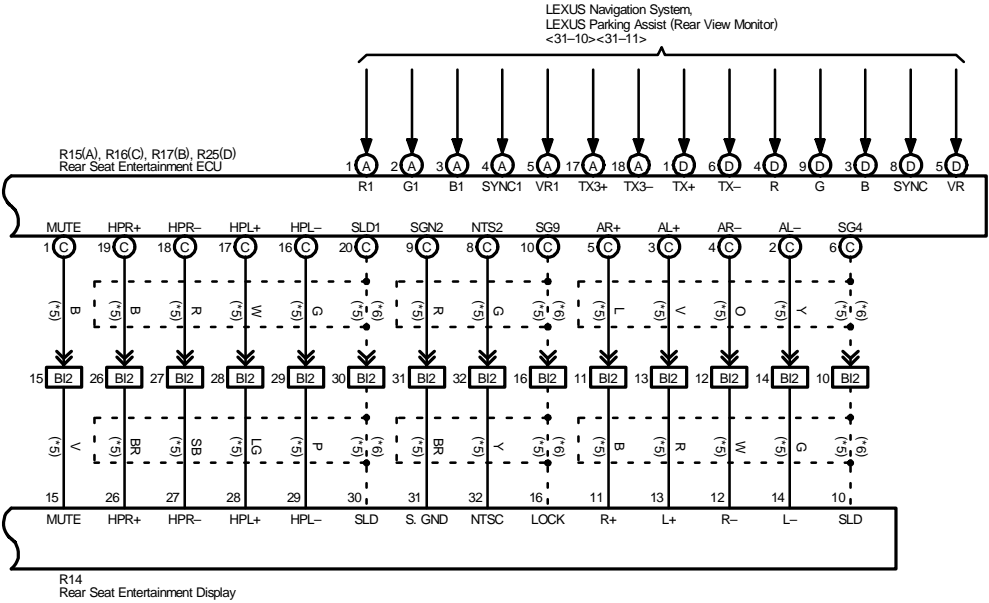
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\* 5 : w/ Rear Seat Entertainment System  
\* 6 : Shielded



2005 LEXUS RX 330 (EWD612U)

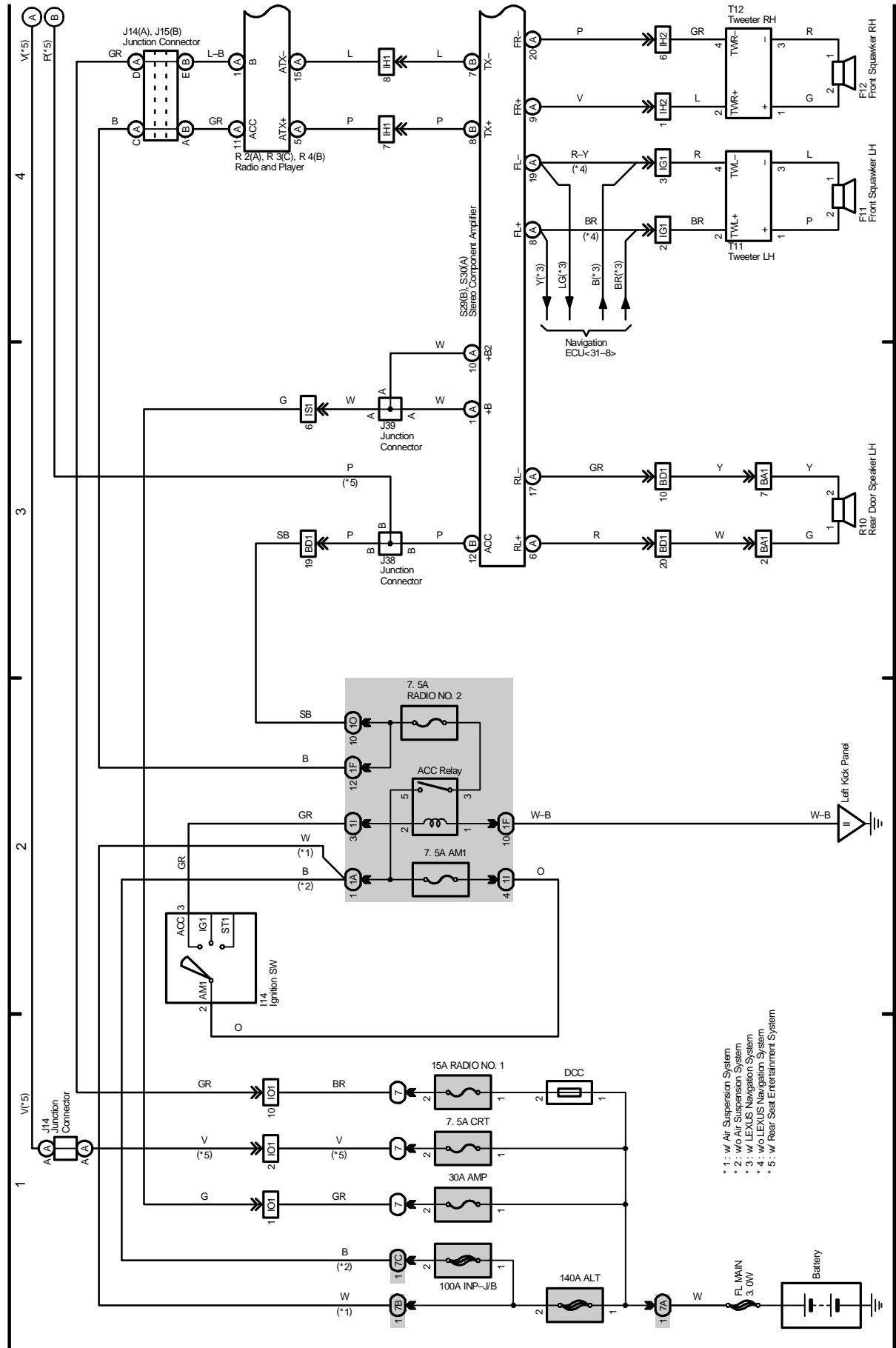
# M OVERALL ELECTRICAL WIRING DIAGRAM

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33 RX 330

Audio System (Except MARK LEVINSON)

Power Source



- \* 1: w/ Air Suspension System
- \* 2: w/ Air Suspension System
- \* 3: w/ LEXUS Navigation System
- \* 4: w/ LEXUS Navigation System
- \* 5: w/ Rear Seat Entertainment System

Wiring diagram for the audio system of a 2005 Lexus LX570. The diagram shows the connection between the vehicle's power sources (V+5, P+5, GND) and various components including the C13 Combination SW, R 2(A), R 3(O), R 4(B) Radio and Player, S29(B), S30(A) Stereo Component Amplifier, and speakers (R11, W3, W2). It also shows connections to the A27 Antenna Amplifier, J11(A), (B) Junction Connector, Multi Display, and Body ECU. The diagram includes a legend for navigation system options and a ground symbol for the Instrument Panel Brace RH.

Legend:

- \* 3 : w/ LEXUS Navigation System
- \* 4 : w/o LEXUS Navigation System
- \* 5 : w/ Rear Seat Entertainment System
- \* 6 : Shielded

Components and Connections:

- C13 Combination SW:** EAU, AU1, AU2. Connections to IL2, SWG, SW1, SW2.
- R 2(A), R 3(O), R 4(B) Radio and Player:** MUTE, R+, R-, L+, L-, SLD. Connections to IH1, IH2, IH3, IH4, IH5, IH6.
- S29(B), S30(A) Stereo Component Amplifier:** MUTE, R+, R-, L+, L-, WF1+, WF1-, WF2+, WF2-. Connections to BC1, BC2, IH2, IH3, IG1, IG2, IL2, IP1, IP2, IB2, IB3.
- Speakers:** R11 Rear Door Speaker RH, W3 Woofer (Front RH), W2 Woofer (Front LH).
- Antenna Amplifier:** A27 Antenna Amplifier, ANT.
- Other Components:** J11(A), (B) Junction Connector, Multi Display, Body ECU, Instrument Panel Brace RH.

Wiring diagram for the rear seat entertainment system, showing connections between the Radio and Player, Video Terminal, Rear Seat Entertainment ECU, and Rear Seat Entertainment Display.

**Legend:**

- \* 3 : w/ LEXUS Navigation System
- \* 5 : w/ Rear Seat Entertainment System
- \* 6 : Shielded

**Radio and Player (R 2(A), R 3(C), R 4(B))**

Connections to the Rear Seat Entertainment ECU (R15(A), R16(C), R17(B), R25(D)) include:

- RMUT, TX+, TX-, MUTE, R-R+, R-R-, R-L+, R-L-, RSLD, CDR+, CDR-, CDL+, CDL-, CSLD
- SGN1, NTS1, SG3, GND, GAUX, NAVI, SELD

**Video Terminal (V12)**

Connections to the Rear Seat Entertainment ECU include:

- VAL+, VAR+, SG, VV-, VV+, ADPG

**Rear Seat Entertainment ECU (R15(A), R16(C), R17(B), R25(D))**

Connections to the Rear Seat Entertainment Display (R14) include:

- +B2, ACC2, GND1, TX2+, TX2-, R2, G2, B2, VR2, SYN2, VG2, HP1L, HP1R, SG5, HP2R, HP2L, SG6

**Rear Seat Entertainment Display (R14)**

Connections to the Rear Seat Entertainment ECU include:

- 1, 2, 6, 5, 4, 22, 21, 20, 18, 19, 17, 8, 7, 9, 23, 24, 25

**Other Components:**

- BP**: Under the Right Center Pill
- BS**: Right Rear Quarter Panel
- J42 Junction Connector**: Connects to the Rear Seat Entertainment ECU.

Audio System (Except MARK LEVINSON)

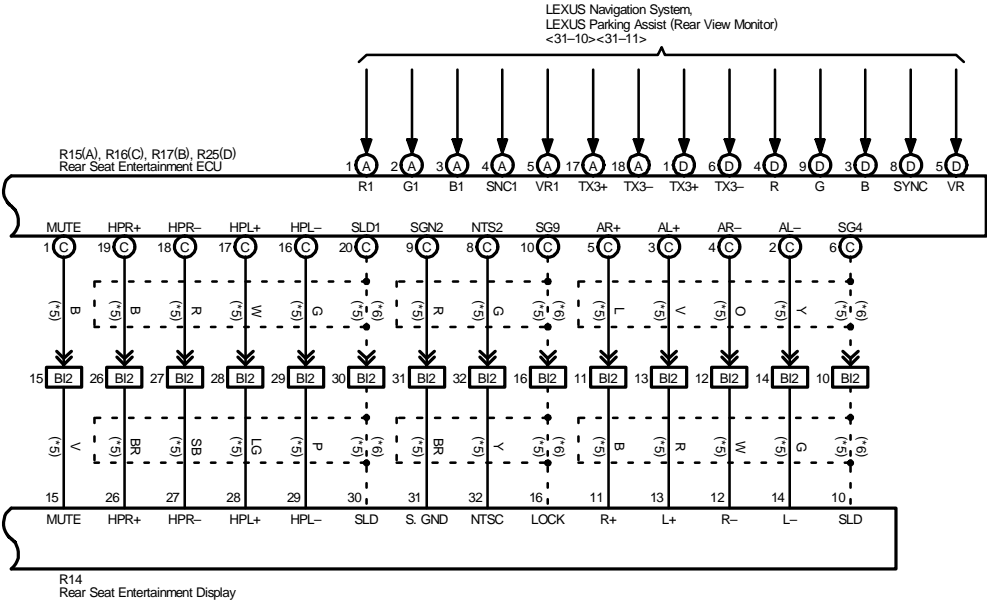
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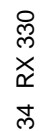
\* 5 : w/ Rear Seat Entertainment System  
\* 6 : Shielded

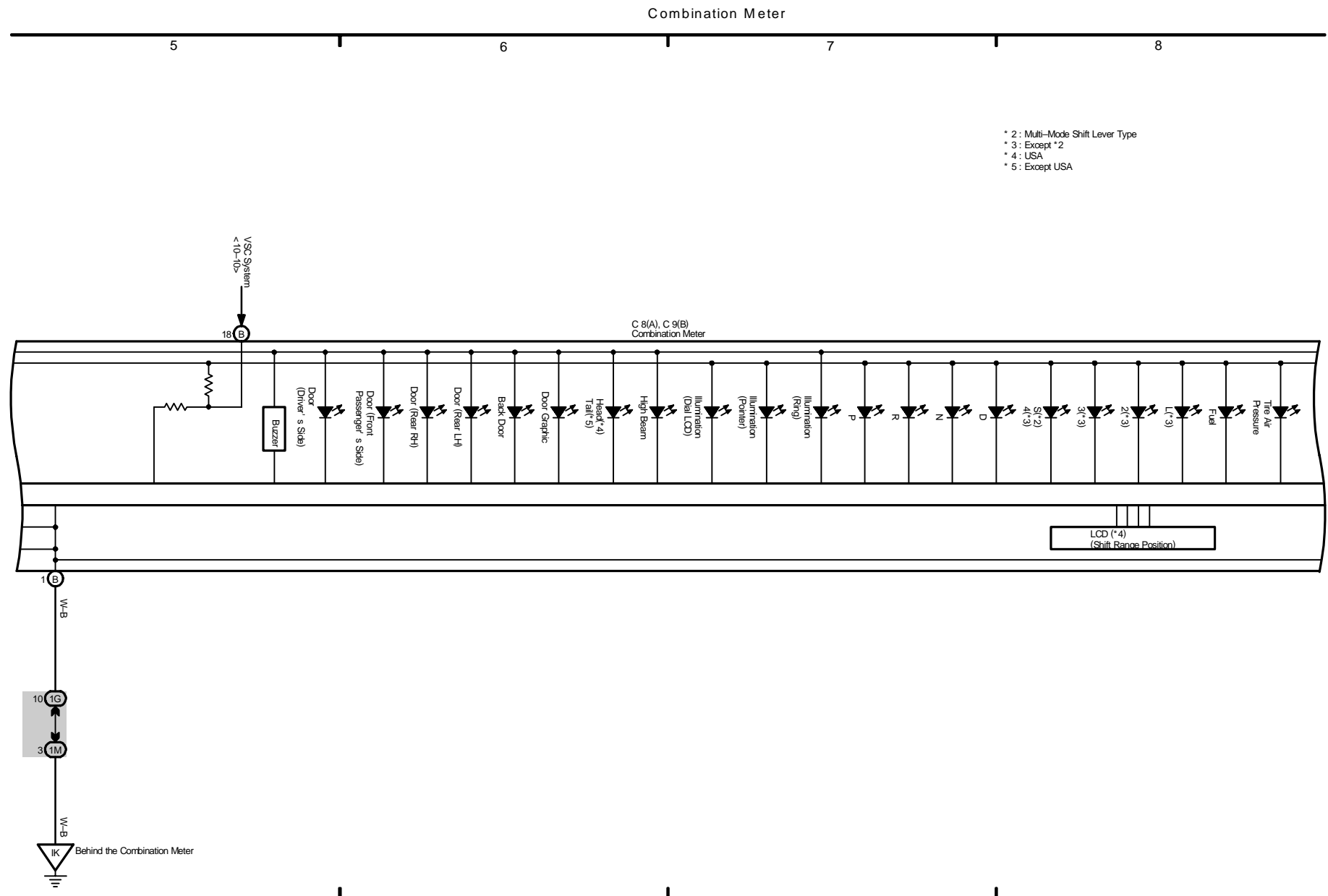


2005 LEXUS RX 330 (EWD612U)



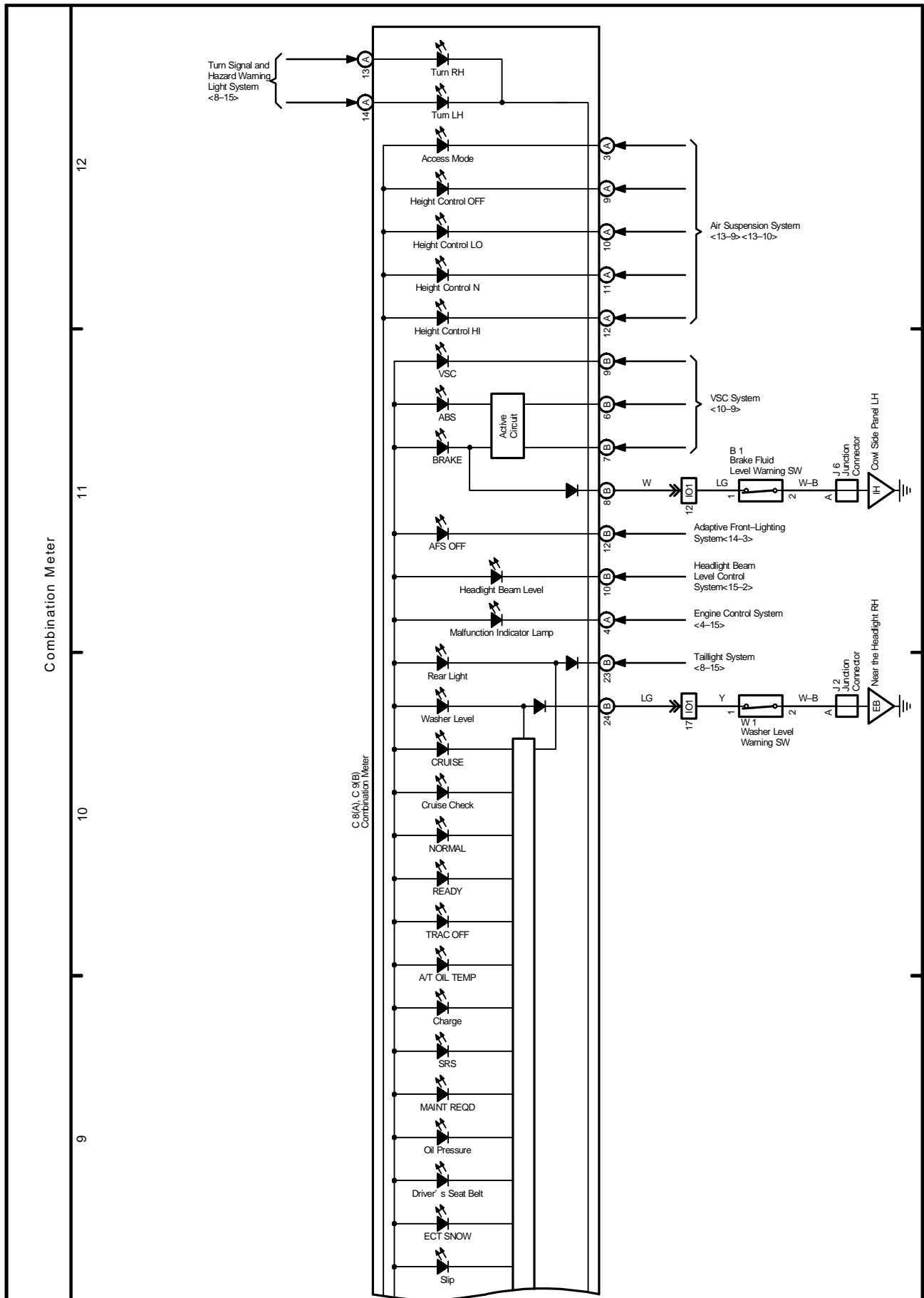
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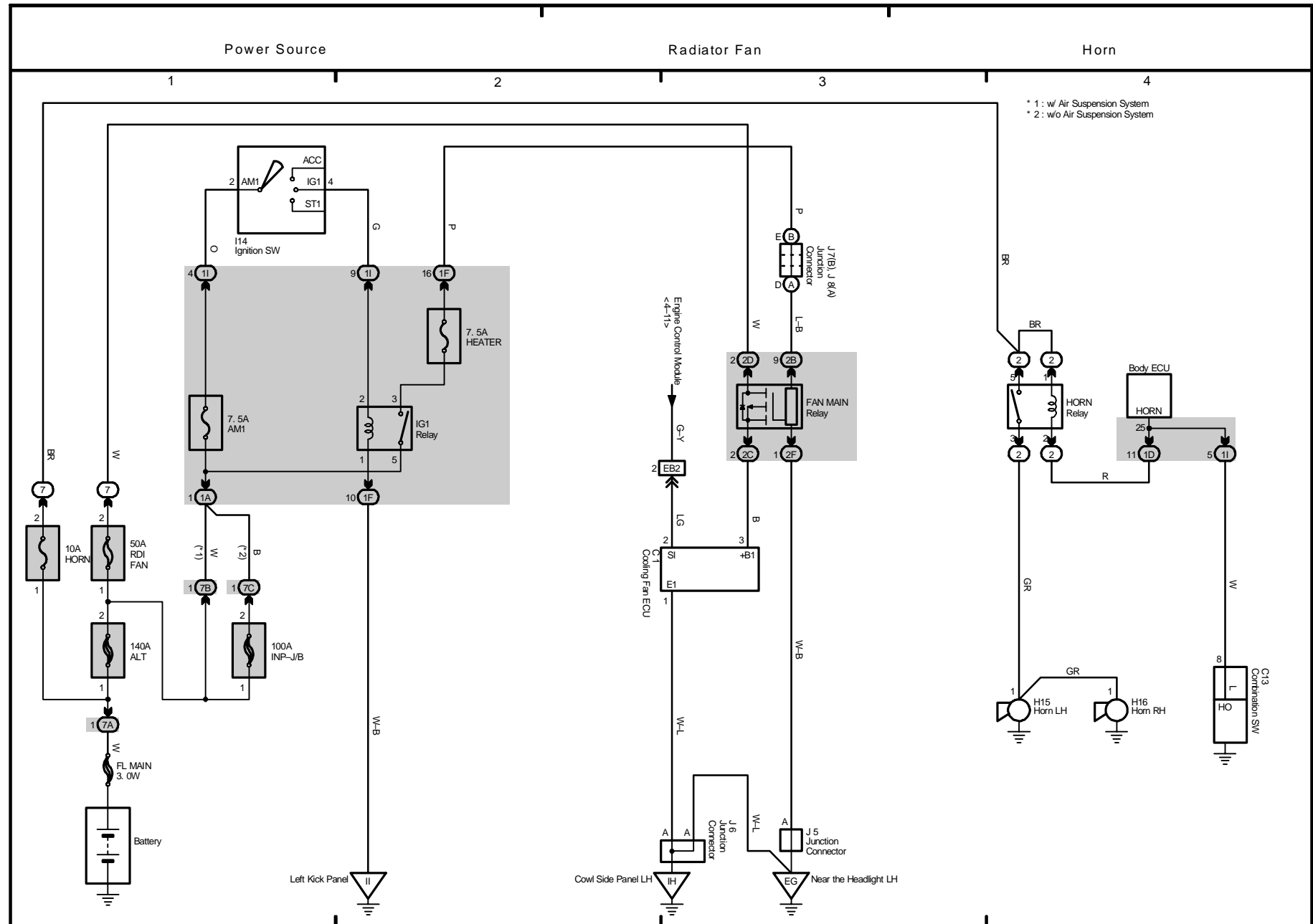




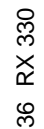
# M OVERALL ELECTRICAL WIRING DIAGRAM

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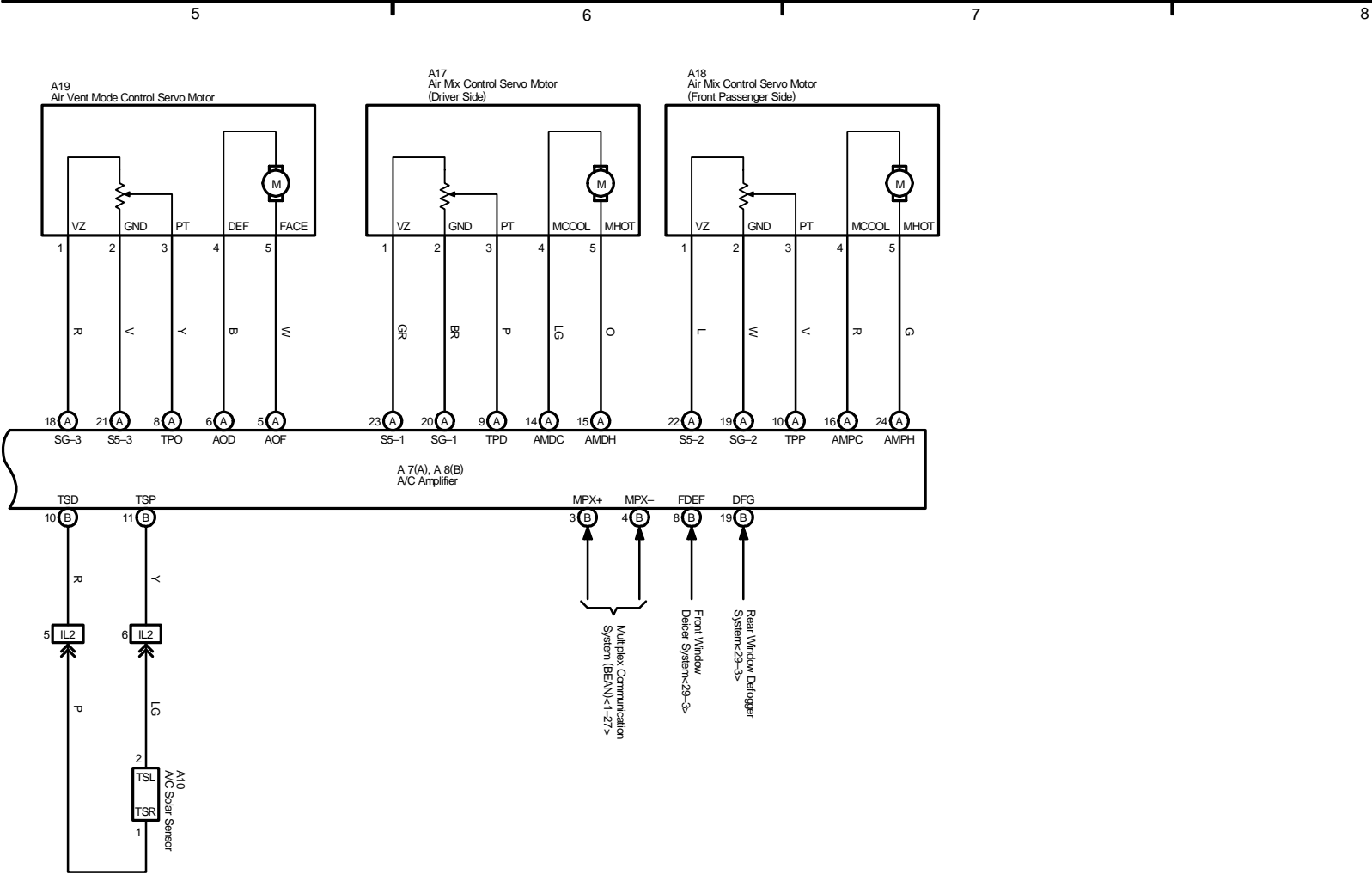




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Automatic Air Conditioning



2005 LEXUS RX 330 (EWD612U)