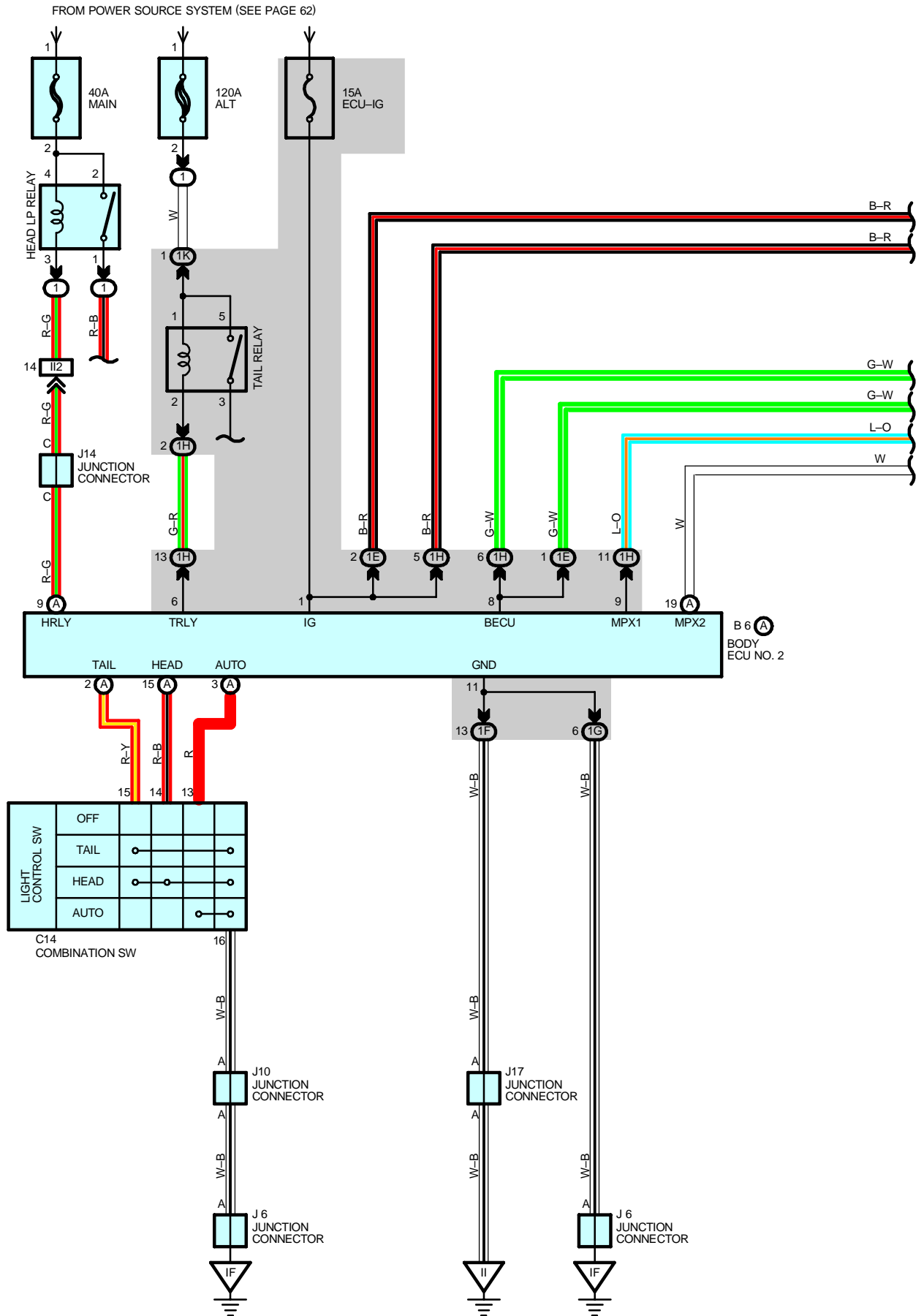
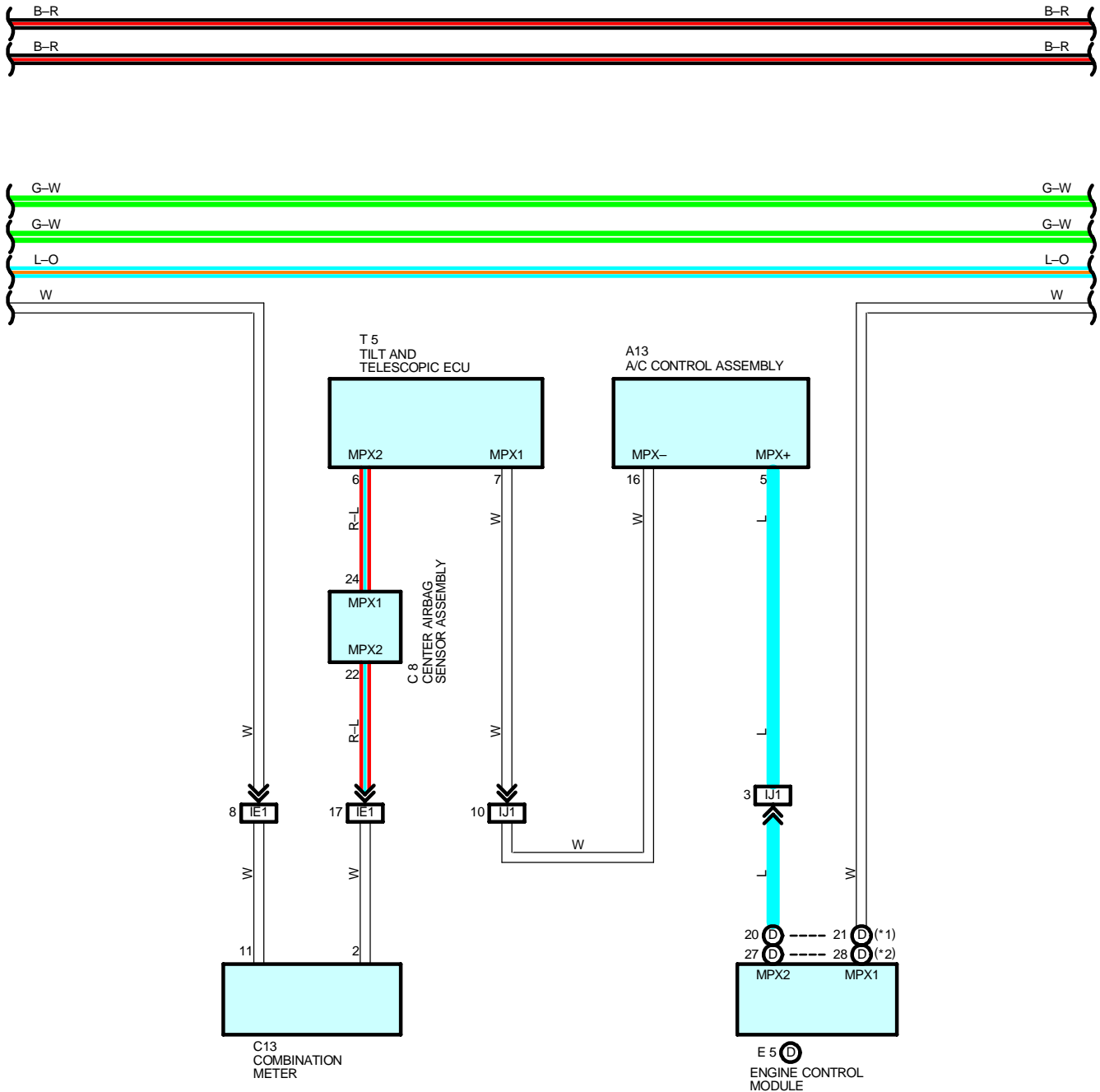


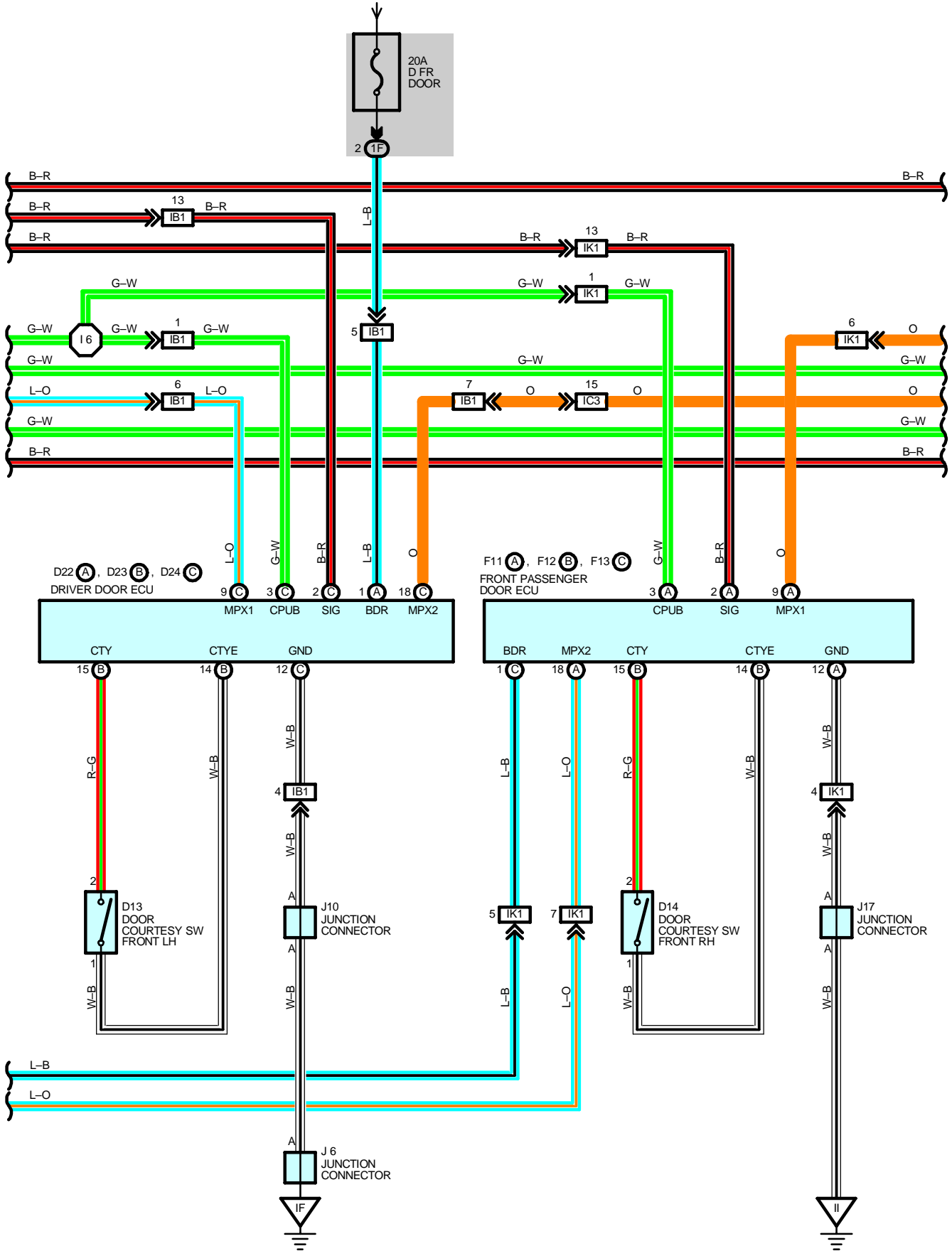
LIGHT AUTO TURN OFF



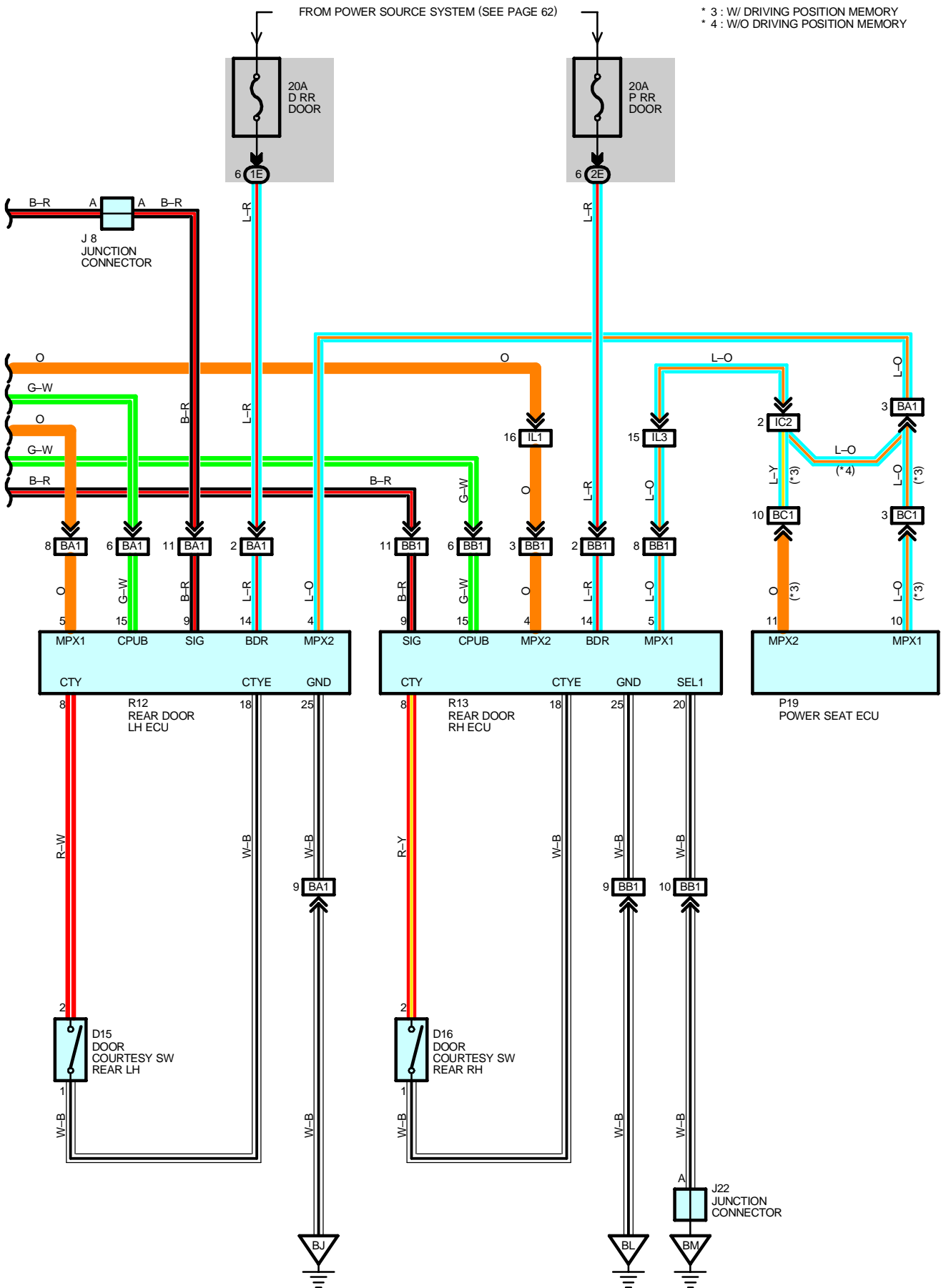
* 1 : 3UZ-FE
 * 2 : 2JZ-GE



FROM POWER SOURCE SYSTEM (SEE PAGE 62)



LIGHT AUTO TURN OFF



SYSTEM OUTLINE

This system automatically turns off the taillights and/or headlights when the driver door is opened and closed to prevent the lights from remaining lit.

LIGHT AUTO TURN OFF OPERATION

* Taillights ON

If the ignition SW is turned from ON to OFF with the taillights turned on (The light control SW is set at TAIL), the signal is input to TERMINAL IG of the body ECU No.2. At this time, if the driver door is opened, the signal is input from the door courtesy SW front LH to TERMINAL CTY of the driver door ECU. After that, TERMINAL TRLY of the body ECU No.2 is controlled through communication control of the body ECU and door ECU etc. to turn off the TAIL relay. As a result, the current flowing into the taillights is cut off to turn off the taillights.

* Taillights and headlights ON

If the ignition SW is turned from ON to OFF with the taillights and headlights turned on (The light control SW is set at HEAD), the signal is input to TERMINAL IG of the body ECU No.2. At this time, if any door is opened, the signal is input from the door courtesy SW to TERMINAL CTY of the driver door ECU. During this operation, the taillights and headlights are remained lit. When all doors and the luggage door are closed, the taillights and headlights are turned on for 30 sec. through communication control of the body ECU and door ECU. After the set time has elapsed, a signal is input to TERMINAL TRLY and HRLY of the body ECU No.2, to turn off the TAIL relay and HEAD LP relay. As a result, the current flowing into the taillights and headlights is cut off to turn off the taillights and headlights.

If any door is opened during above operation, the taillights and headlights light up for 30 sec. again, and then go off after all the doors have been closed.

Additionally, if the vehicle is locked using the wireless door lock operation while the taillights and headlights are being turned on for 30 sec., the taillights and headlights go off immediately.

SERVICE HINTS

C14 COMBINATION SW

15-16 : Closed with light control SW at **TAIL** or **HEAD** position

14-16 : Closed with light control SW at **HEAD** position

13-16 : Closed with light control SW at **AUTO** position

W5 WIRELESS DOOR LOCK ECU

7-GROUND : Always approx. 12 volts

1-GROUND : Always continuity

D13, D14, D15, D16 DOOR COURTESY SW FRONT LH, RH, REAR LH, RH

1-2 : Closed with door open

D23 (B) DRIVER DOOR ECU

15-14 : Continuity with driver door open

F12 (B) FRONT PASSENGER DOOR ECU

15-14 : Continuity with front passenger door open

R12 REAR DOOR LH ECU

8-18 : Continuity with rear LH door open

R13 REAR DOOR RH ECU

8-18 : Continuity with rear RH door open

: PARTS LOCATION

| Code | | See Page | Code | | See Page | Code | | See Page |
|------|---|----------|------|---|-------------|------|--|----------|
| A13 | | 42 | D23 | B | 44 | J13 | | 43 |
| B5 | A | 42 | D24 | C | 44 | J14 | | 43 |
| B6 | A | 42 | E5 | D | 38 (3UZ-FE) | J15 | | 43 |
| C8 | | 42 | | | 40 (2JZ-GE) | J17 | | 43 |
| C13 | | 42 | F11 | A | 44 | J22 | | 44 |
| C14 | | 42 | F12 | B | 44 | P19 | | 46 |
| D13 | | 44 | F13 | C | 44 | R12 | | 45 |
| D14 | | 44 | J6 | | 43 | R13 | | 45 |
| D15 | | 44 | J7 | | 43 | T5 | | 43 |
| D16 | | 44 | J8 | | 43 | W5 | | 45 |
| D22 | A | 44 | J10 | | 43 | | | |

LIGHT AUTO TURN OFF

: RELAY BLOCKS

| Code | See Page | Relay Blocks (Relay Block Location) |
|------|----------|---|
| 1 | 24 | Engine Room No.1 R/B (Engine Compartment Right) |

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|---|
| 1E | 28 | Floor No.2 Wire and Driver Side J/B (Left Kick Panel) |
| 1F | 28 | Cowl Wire and Driver Side J/B (Left Kick Panel) |
| 1G | 29 | |
| 1H | | |
| 1K | 28 | Engine Room Main Wire and Driver Side J/B (Left Kick Panel) |
| 2B | 30 | Engine Room Main Wire and Passenger Side J/B (Right Kick Panel) |
| 2E | 30 | Floor No.1 Wire and Passenger Side J/B (Right Kick Panel) |
| 2F | 30 | Cowl Wire and Passenger Side J/B (Right Kick Panel) |
| 2G | 31 | |
| 2H | | |

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|----------|--|
| IB1 | 52 | Front Door LH Wire and Cowl Wire (Left Kick Panel) |
| IC2 | 52 | Floor No.2 Wire and Cowl Wire (Left Kick Panel) |
| IC3 | | |
| IE1 | 52 | Instrument Panel Wire and Cowl Wire (Left Side of the Steering Column) |
| II2 | 52 | Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B) |
| IJ1 | 54 | Instrument Panel Wire and Cowl Wire (Left Side of the Blower Unit) |
| IK1 | 54 | Front Door RH Wire and Cowl Wire (Right Kick Panel) |
| IL1 | 54 | Floor No.1 Wire and Cowl Wire (Right Kick Panel) |
| IL3 | | |
| BA1 | 56 | Rear Door LH Wire and Floor No.2 Wire (Under the Center Pillar LH) |
| BB1 | 56 | Rear Door RH Wire and Floor No.1 Wire (Under the Center Pillar RH) |
| BC1 | 58 | Floor No.2 Wire and Front Seat LH Wire (Under the Driver's Seat) |

: GROUND POINTS

| Code | See Page | Ground Points Location |
|------|----------|-------------------------------|
| IF | 52 | Left Kick Panel |
| II | 52 | Right Side of the Cowl Panel |
| BJ | 56 | Rear Floor Partition Panel LH |
| BL | 56 | Rear Floor Partition Panel RH |
| BM | 56 | Quarter Panel RH |

: SPLICE POINTS

| Code | See Page | Wire Harness with Splice Points | Code | See Page | Wire Harness with Splice Points |
|------|----------|---------------------------------|------|----------|---------------------------------|
| I6 | 54 | Cowl Wire | | | |

