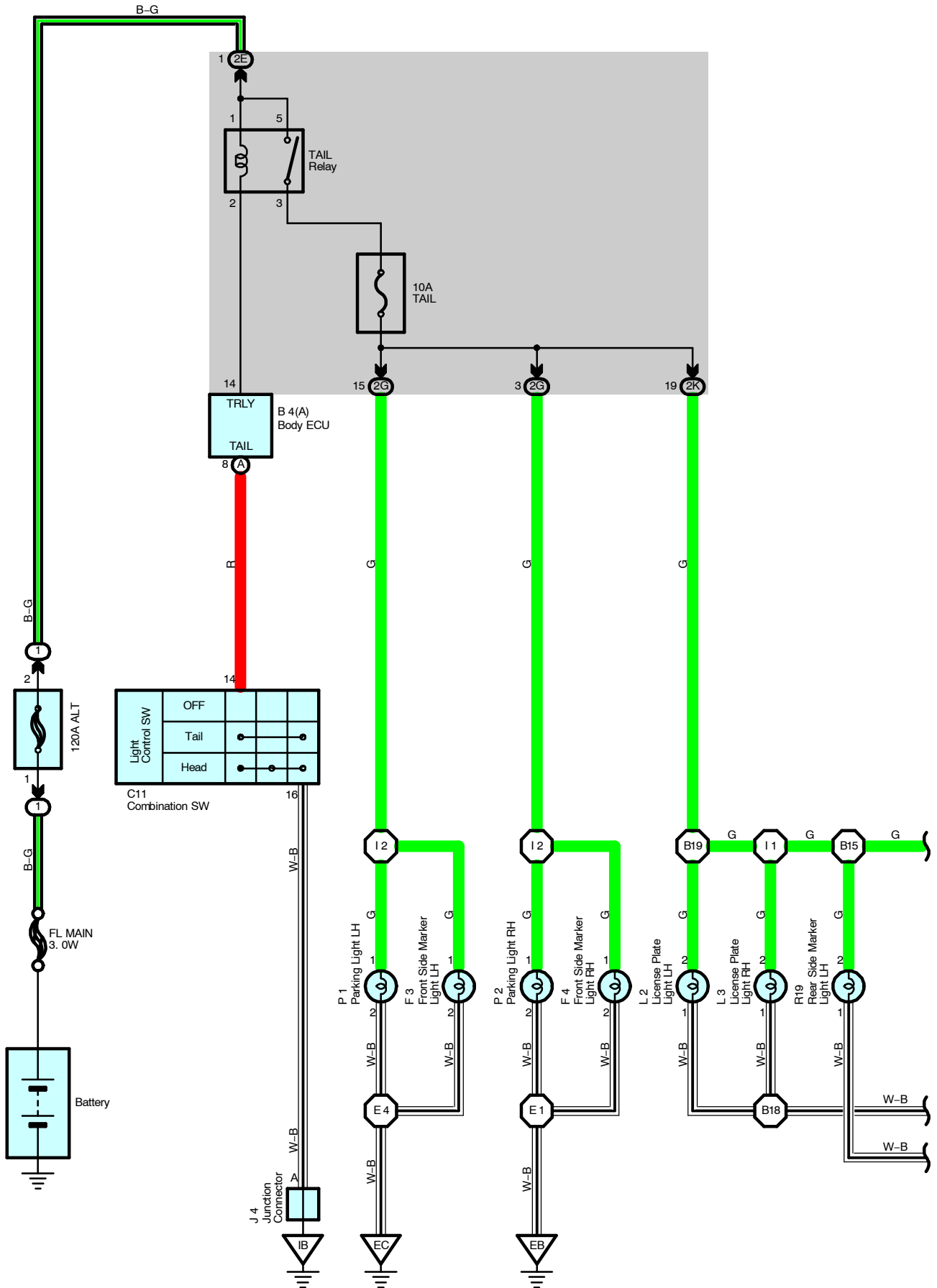
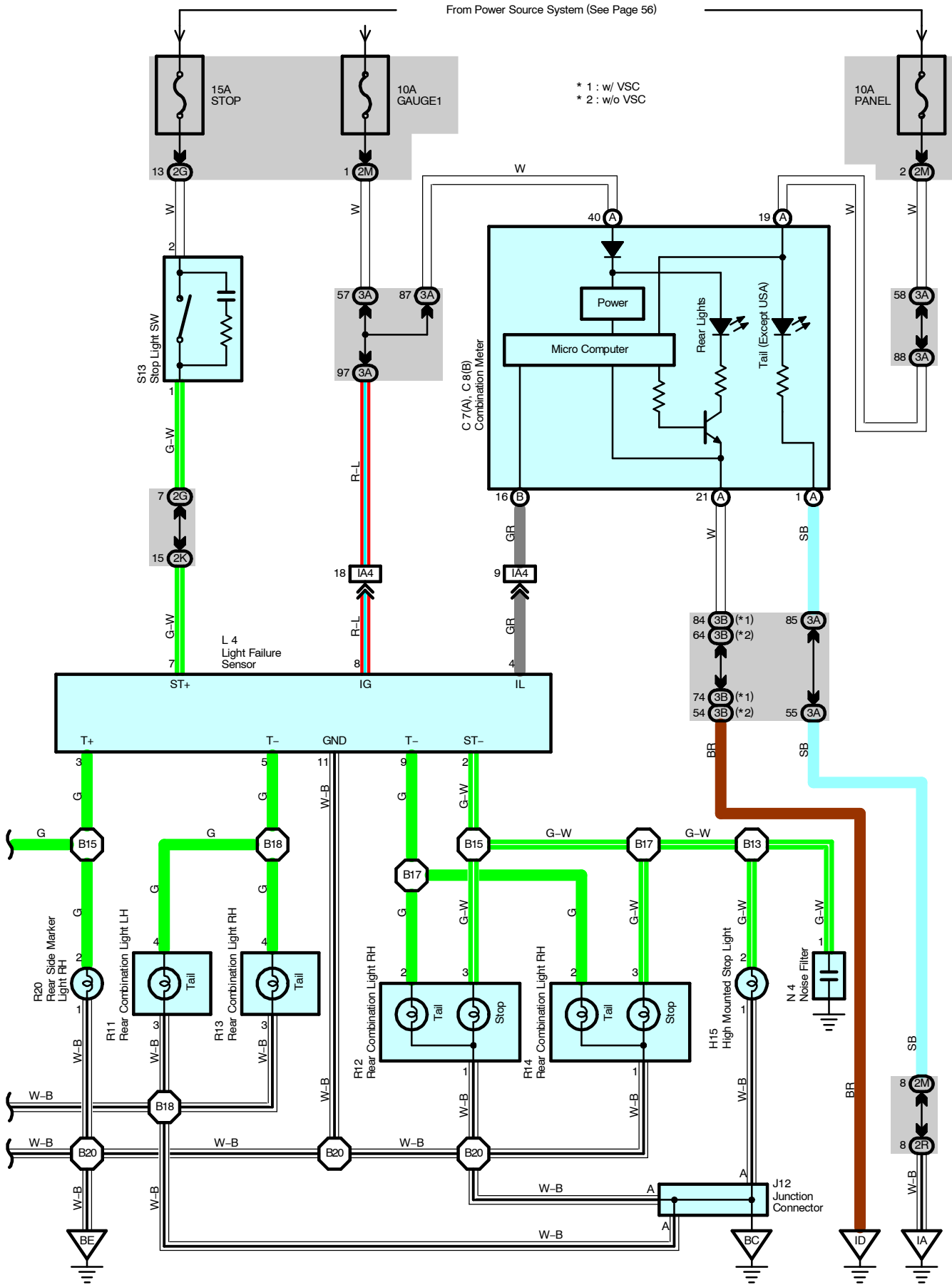


# Taillight and Stop Light



2002 LEXUS ES 300 (EWD458U)

From Power Source System (See Page 56)



# Taillight and Stop Light

## System Outline

### Taillight Disconnection Warning

If any of the taillights are disconnected when the light control SW is at TAIL or HEAD while the ignition SW is ON, the light failure sensor detects the voltage difference, and blinks the rear lights warning light to warn the driver.

### Stop Light Disconnection Warning

If any of the stop lights are disconnected when the brake pedal is depressed while the ignition SW is ON, the light failure sensor detects the voltage difference, and blinks the rear lights warning light to warn the driver.

## Service Hints

### TAIL Relay

5-3 : Closed with the light control SW at TAIL or HEAD position

### L4 Light Failure Sensor

7-Ground : Approx. 12 volts with stop light SW on

3-Ground : Approx. 12 volts with the light control SW at TAIL or HEAD position

8-Ground : Approx. 12 volts with the ignition SW at ON or ST position

11-Ground : Always continuity

### S13 Stop Light SW

1-2 : Closed with brake pedal depressed

## ○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B4	A 38	J12	40	R12	41
C7	A 38	L2	40	R13	41
C8	B 38	L3	40	R14	41
C11	38	L4	40	R19	41
F3	36	N4	41	R20	41
F4	36	P1	37	S13	39
H15	40	P2	37		
J4	39	R11	41		

## ○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Left)

## ○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
2E	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2G		
2K	28	Floor No.1 Wire and Driver Side J/B (Lower Finish Panel)
2M	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2R		
3A	34 (w/ VSC)	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH)
	35 (w/o VSC)	
3B	34 (w/ VSC)	
	35 (w/o VSC)	

## □ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA4	46	Instrument Panel Wire and Floor No.1 Wire (Left Kick Panel)

**: Ground Points**

Code	See Page	Ground Points Location
EB	44	Right Fender
EC	44	Left Fender
IA	46	Instrument Panel Reinforcement LH
IB	46	Instrument Panel Brace LH
ID	46	Instrument Panel Brace RH
BC	50	Front Side of Rear Quarter Wheel House LH
BE	50	Lower Back Panel Center

**: Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	44	Engine Room Main Wire	B15	50	Floor No.1 Wire
E4			B17		
I1	48	Floor No.1 Wire	B18		
I2	48	Engine Room Main Wire	B19		
B13	50	Floor No.1 Wire	B20		