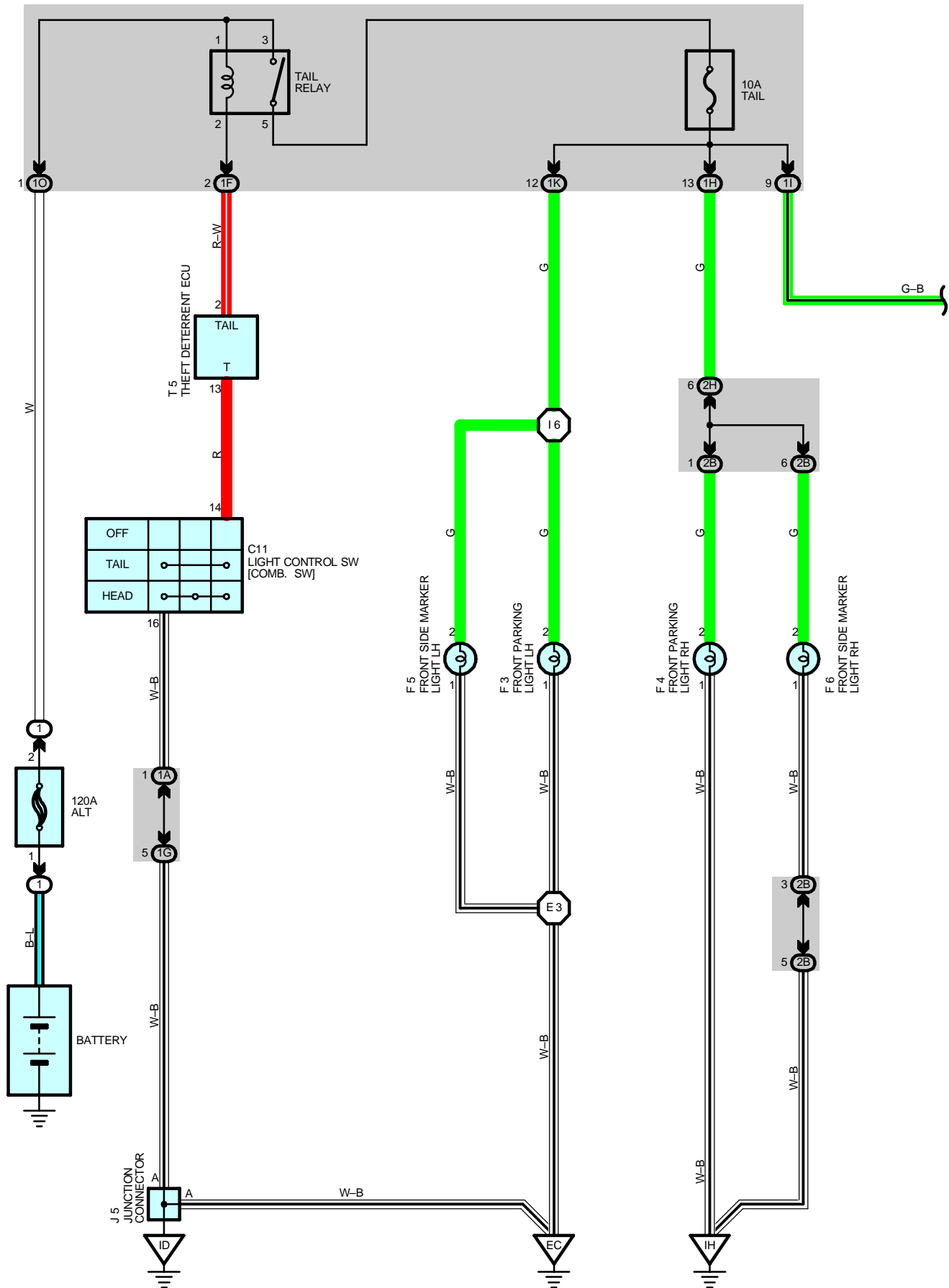
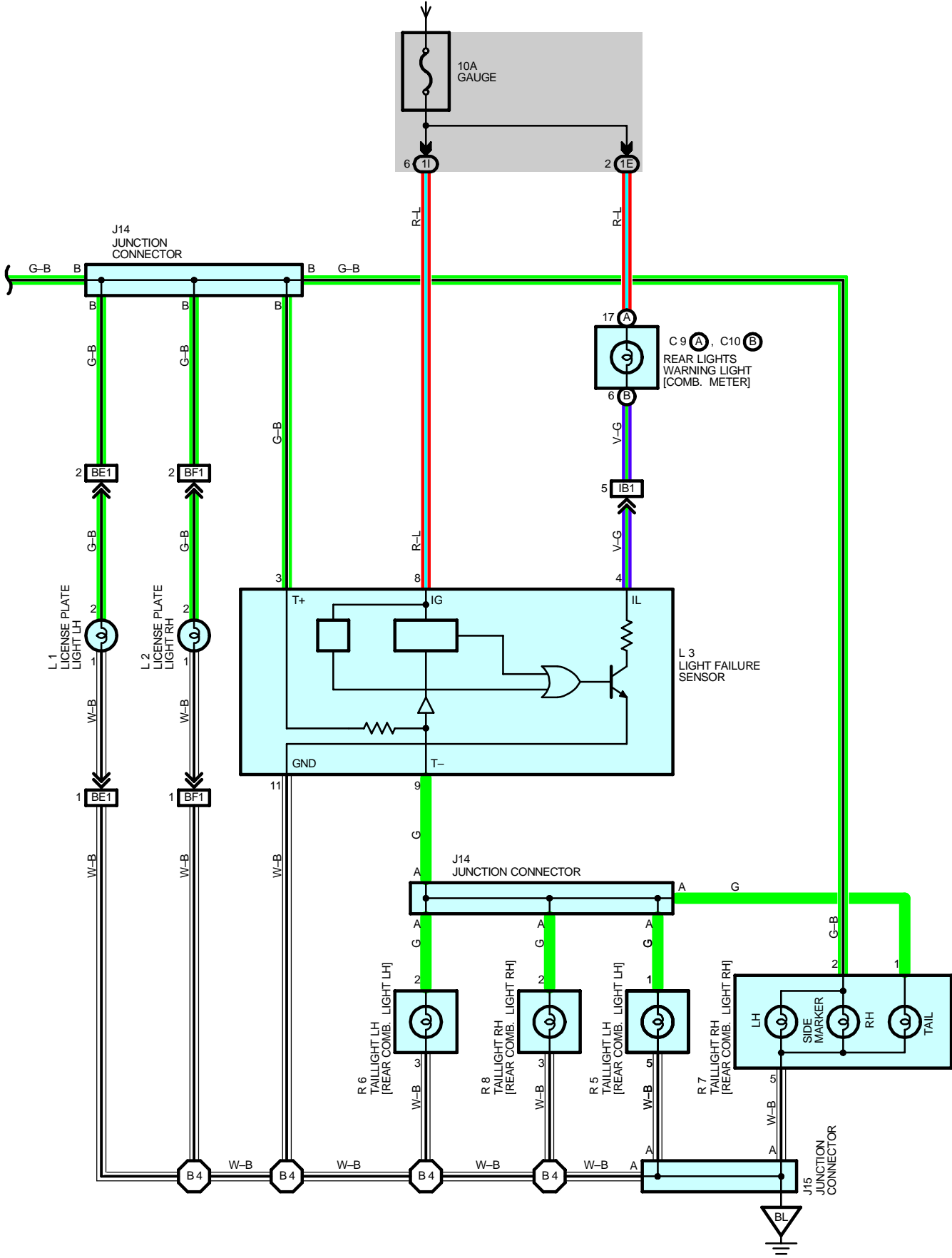


TAILLIGHT (S/D)



FROM POWER SOURCE SYSTEM (SEE PAGE 56)



2002 LEXUS IS 300 (EWD451U)

TAILLIGHT (S/D)

SYSTEM OUTLINE

When the light control SW is turned to TAIL or HEAD position, the current flows to TERMINAL 3 of the light failure sensor through the TAIL fuse.

When the ignition SW is turned on, the current flows from the GAUGE fuse to TERMINAL 8 of the light failure sensor, and also flows through the rear lights warning light to TERMINAL 4 of the light failure sensor.

TAILLIGHT DISCONNECTION WARNING

With the ignition SW on and the light control SW turned to TAIL or HEAD position, if the taillight circuit is open, the light failure sensor detects the failure by the change in current flowing from TERMINAL 3 of the light failure sensor to TERMINAL 9 and the warning circuit of the light failure sensor is activated.

As a result, the current flows from TERMINAL 4 of the light failure sensor to TERMINAL 11 to GROUND and turns the rear lights warning light on, which remains on until the light control SW is turned off.

SERVICE HINTS

TAIL RELAY

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

L3 LIGHT FAILURE SENSOR

4, 8-GROUND : Approx. **12** volts with the ignition SW at **ON** position

3, 9-GROUND : Approx. **12** volts with the light control SW at **TAIL** or **HEAD** position

11-GROUND : Always continuity

: PARTS LOCATION

Code		See Page	Code	See Page	Code	See Page
C9	A	34	F6	32	L3	36 (S/D)
C10	B	34	J5	35	R5	37 (S/D)
C11		34	J14	36 (S/D)	R6	37 (S/D)
F3		32	J15	36 (S/D)	R7	37 (S/D)
F4		32	L1	36 (S/D)	R8	37 (S/D)
F5		32	L2	36 (S/D)	T5	35

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	22	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)
1A	24	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1E		
1F		
1G	24	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
1H	24	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1I	24	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
1K	24	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
1O		
2B	26	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
2H	26	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	44	Instrument Panel Wire and Floor No.2 Wire (Near the Driver Side J/B)
BE1	48 (S/D)	Floor No.2 Wire and Luggage Room Wire (Near the License Plate Light LH)
BF1	48 (S/D)	Floor No.2 Wire and Luggage Room Wire (Near the License Plate Light RH)

**: GROUND POINTS**

Code	See Page	Ground Points Location
EC	42	Left Fender Apron
ID	44	Cowl Side Panel LH
IH	44	Cowl Side Panel RH
BL	48 (S/D)	Left Quarter Panel LH

**: SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	42	Engine Room Main Wire	B4	48 (S/D)	Floor No.2 Wire
I6	46				