

System Outline

When the light control SW is turned to the TAIL or HEAD position, the signal is input to TERMINAL TAIL of the body ECU. This activates the body ECU to flow the current from the battery into the ALT fuse, TAIL relay (Coil side), TERMINAL TRLY of the body ECU to GROUND in that order to turn on the TAIL relay. The current flows from the TAIL fuse into the front clearance lights, license plate lights, TERMINAL 3 of the light failure sensor to TERMINALS 5, 9 to taillights in that order to turn on each light.

Taillight Disconnection Warning

If any taillight wiring is faulty when the ignition SW is turned to the ON position with the light control SW set at TAIL or HEAD, the light failure sensor detects a voltage difference and is activated to turn on the rear lights warning light in the combination meter to warn the driver. The warning light is remained lit until the ignition SW is turned to the OFF position

Service Hints

L3 Light Failure Sensor

- 8—Ground : Approx. 12 volts with the ignition SW at ON position
- 3—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
B5	A	50 (RHD)	F1	48 (*2)	L2	53 (RHD)
C7	A	50 (RHD)	F2	46 (RHD 1MZ–FE)	L3	53 (RHD)
C8	B	50 (RHD)		48 (*2)	R13	53 (RHD)
C11		50 (RHD)	J4	51 (RHD)	R14	53 (RHD)
F1		46 (RHD 1MZ–FE)	L1	53 (RHD)		

* 2 : RHD 2AZ-FE, 1AZ-FE

○ : 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)
1C	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2E	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2G		
2K	28	Floor Wire and Driver Side J/B (Lower Finish Panel)
2M	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2O		
3A	35 (RHD)	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace LH)

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	72 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IC3	72 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
EB	68 (RHD 1MZ-FE)	Right Fender
	70 (*2)	
EC	68 (RHD 1MZ-FE)	Left Fender
	70 (*2)	
IM	72 (RHD)	Instrument Panel Brace RH
BS	76 (RHD)	Lower Back Panel Center

* 2 : RHD 2AZ-FE, 1AZ-FE

Taillight (RHD)



: Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B4	76 (RHD)	Floor Wire	B9	76 (RHD)	Floor Wire
B7					

