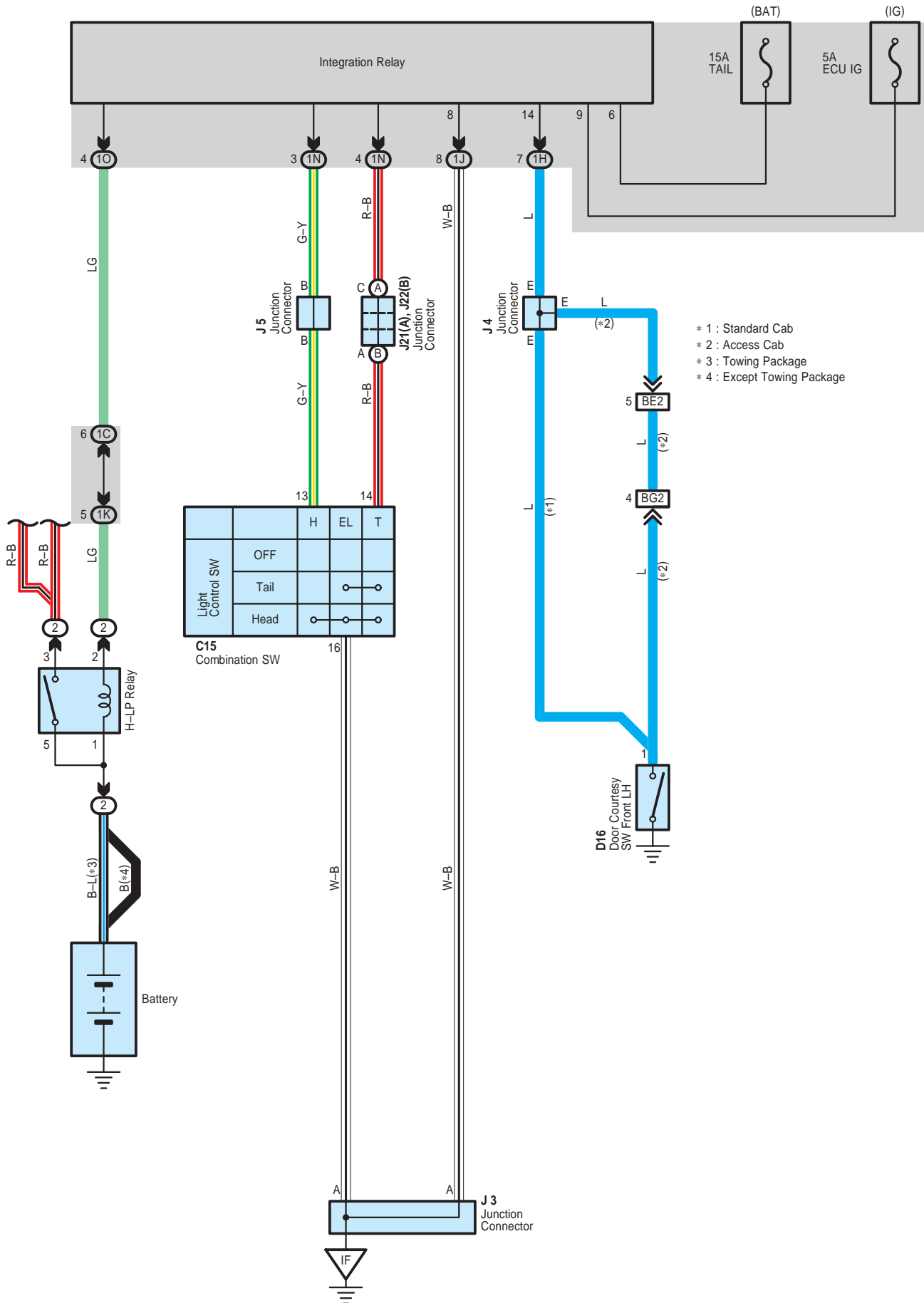


Light Auto Turn Off System with DRL (Access/Standard Cab)



System Outline

With the ignition SW turned on, the current flows to TERMINAL 9 of the integration relay through ECU IG fuse. Voltage is applied at all times to TERMINAL 6 of the integration relay through the TAIL fuse, and through the H-LP relay coil side.

1. Normal Lighting Operation

<Turn taillight on>

With the light control SW turned to TAIL position, a signal is input into the integration relay. Due to this signal, the current flowing to TERMINAL 6 of the relay flows to TERMINAL 14 of the light control SW to TERMINAL 16 to GROUND, and taillights to turn on.

<Turn headlight on>

With the light control SW turned to HEAD position, a signal is input into the integration relay. Due to this signal, the current flowing to the relay flows to TERMINAL 13 of the light control SW to TERMINAL 16 to GROUND in the headlight circuit, and causes taillight and H-LP relay to turn the lights on. The taillight circuit is same as above.

2. Light Auto Turn Off Operation

With light on and ignition SW turned off (Input signal goes to TERMINAL 9 of the relay), when the driver's door is opened (Input signal goes to TERMINAL 14 of the relay), the relay operates and the current is cut off which flows from TERMINAL 6 and through the H-LP relay coil side of the relay to taillight circuit and headlight circuit.

As a result, all lights are turned off automatically.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C15	60	J3	62	J21	A 62
D16	64 (*3)	J4	62	J22	B 62
	65 (*4)	J5	62		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	24	Engine Room R/B (Engine Compartment Left)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	30 (*2)	Cowl Wire and Driver Side J/B (Lower Finish Panel)
1H		
1J		
1K	30 (*2)	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1N	31 (*2)	Cowl Wire and Driver Side J/B (Lower Finish Panel)
1O		

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
BE2	84 (*3)	Floor No.2 Wire and Cowl Wire (Center of Left Rocker Panel)
BG2	84 (*3)	Floor No.2 Wire and Rear Door No.2 Wire (Under the Left Quarter Panel)

▽ : Ground Points

Code	See Page	Ground Points Location
IF	82	Left Kick Panel

* 1 : w/o Daytime Running Light

* 2 : w/ Daytime Running Light

* 3 : Access Cab

* 4 : Standard Cab

* 5 : Access Cab Captain Seat

* 6 : Access Cab Separate Seat

* 7 : Standard Cab Bench Seat