## HEADLIGHT (w/ DAYTIME RUNNING LIGHT)

#### **SYSTEM OUTLINE**

Current is constantly applied from the battery as follows:

**ALT** fuse to tail relay (Coil side) to **TERMINAL 3** of the daytime running light relay. **MAIN** fuse to HEAD LP relay (Coil side) to **TERMINAL 5** of the daytime running light relay. **ECU–B2** fuse to **TERMINAL 12** of the daytime running light relay. When the ignition SW is turned to ON, the current flows from **GAUGE** fuse to **TERMINAL 1** of the daytime running light relay.

#### 1. DAYTIME RUNNING LIGHT OPERATION

When the engine is started, a signal from the alternator is input to **TERMINAL 5** of the daytime running light relay, from the body ECU No.2. This activates the daytime running light relay, allowing the current to flow as follows, and light up the related lights:

Tail relay (Point side) to **TAIL** fuse, **PANEL** fuse to taillight, front clearance light, license plate light, illumination. As the same time, the current also flows from HEAD LP relay (Point side) to **H-LP L LWR** fuse, **H-LP R LWR** fuse to headlight control ECU LH,RH, or headlight LH, RH (Low), and light up the headlights.

#### 2. TAILLIGHT OPERATION

When the light control SW is turned to **TAIL** position, a signal is input to **TERMINAL (A) 2** of the body ECU No.2, and the current flows as follows, and turns the tail relay ON:

**ALT** fuse to tail relay (Coil side) to **TERMINAL 3** of the daytime running light relay to **TERMINAL 2** to **TERMINAL 6** of the body ECU No.2 to **GROUND**. At this time, the current also flows from the tail relay (Point side) to **TAIL** fuse, **PANEL** fuse to taillight, front clearance light, license plate light, illumination, and light up the related lights.

#### 3. HEADLIGHT OPERATION

\* When the light control SW is turned to **HEAD** position

The signal input to **TERMINAL (A) 5** of the body ECU No.2 allows the current to flow as follows, and turns the HEAD LP relay ON:

MAIN fuse to HEAD LP relay (Coil side) to **TERMINAL 5** of the daytime running light relay to **TERMINAL 4** to **TERMINAL 6**. **(A) 9** of the body ECU No.2 to **GROUND**. At the same time, the current flows from HEAD LP relay (Point side) to **H–LP L LWR** fuse, **H–LP R LWR** fuse to headlight control ECU LH,RH, or head light LH,RH (Low), and light up the lights.

\* When the Dimmer SW is turned to **HIGH** position

The current flows as follows, and turns the DIMMER DRL NO.2 relay ON:

**DRL NO.1** fuse to DIMMER DRL NO.2 relay (Coil side) to **TERMINAL 14** of the daytime running light relay to **TERMINAL 13** to **TERMINAL 8** of the comb. SW to **TERMINAL 17** to **GROUND**. At the same time, the current flows from DIMMER DRL NO.2 relay (Point side) to **H–LP L UPR** fuse, **H–LP R UPR** fuse to headlight LH,RH (High), and light up the lights.

\* When the Dimmer SW is turned to **FLASH** position

The current flows as follows, and turns the HEAD LP relay ON:

**MAIN** fuse to HEAD LP relay (Coil side) to **TERMINAL 5** of the daytime running light relay to **TERMINAL 6** to **TERMINAL 9** of the comb. SW to **TERMINAL 17** to **GROUND**. At the same time, the current flows as follows, and turns the DIMMER DRL NO.2 relay ON:

**DRL NO.1** fuse to DIMMER DRL NO.2 relay (Coil side) to **TERMINAL 14** of the daytime running light relay to **TERMINAL 6** to **TERMINAL 9** of the comb. SW to **TERMINAL 17** to **GROUND**. This lights up the headlight LH,RH (High) and headlight control ECU LH,RH or headlight LH,RH (Low), as when the dimmer SW is turned to **HIGH** position.

#### **SERVICE HINTS**

#### **HEAD LP RELAY**

1-2: Closed with light control SW at **HEAD** position or dimmer SW at **FLASH** position

#### **DIMMER DRL NO.2 RELAY**

1-2: Closed with daytime running light operation

Closed with light control SW at HEAD position and dimmer SW at HIGH position

Closed with dimmer SW at FLASH position

#### **C13 COMBINATION SW**

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

9-17 : Closed with dimmer SW at **FLASH** position

8-17: Closed with dimmer SW at HIGH or FLASH position

#### B6 (A) BODY ECU NO.2

(A)15-GROUND: Continuity with light control SW at HEAD position

## : PARTS LOCATION

Co	de	See Page	Code	See Page	Code	See Page
В6	Α	72 (LHD)	H9	68 (LHD)	J10	74 (LHD)
C11	Α	72 (LHD)	H10	68 (LHD)	J11	74 (LHD)
C12	В	72 (LHD)	H11	68 (LHD)	J14	74 (LHD)
C13 D1		72 (LHD)	H12	68 (LHD)	J15	74 (LHD)
		72 (LHD)	H13	68 (LHD)	J18	74 (LHD)
H8		68 (LHD)	J8	74 (LHD)	J19	74 (LHD)

## : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1 54 (LHD) Engine Room No.1 R/B (Engine Compartment Right)		Engine Room No.1 R/B (Engine Compartment Right)
3	56	Engine Room No.3 R/B (Engine Compartment Left)

### : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)	
1A	58 (LHD)	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)	
1F	58 (LHD)		
1G	- 59 (LHD)	Cowl Wire and Driver Side J/B (Left Kick Panel)	
1H			
2F	60 (LHD)	Cowl 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)		
EB1	96 (LHD) Cowl Wire and Relay Block Wire (Inside of the Engine Room No.3 R/B)			
IA1	98 (LHD)	Engine Room Main Wire and Cowl Wire (Near the Driver Side J/B)		
IE1	98 (LHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Steering Column)		
IE2	90 (LI ID)	instrument Panel whe and cown whe (Left Side of the Steering Column)		
II2	100 (LHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)		
114				

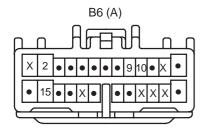
## : GROUND POINTS

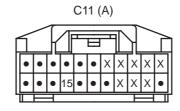
Code	See Page	Ground Points Location
EA	96 (LHD)	Right Fender
EB	96 (LHD)	Left Fender
EE	96 (LHD)	Under the ABS & TRC & VSC Actuator
IF	98 (LHD)	Left Kick Panel
II	98 (LHD)	Right Side of the Cowl Panel

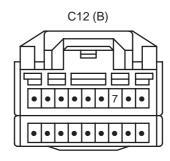
### : SPLICE POINTS

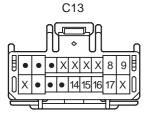
	Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I	l1	100 (LHD)	Cowl Wire			

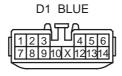
# HEADLIGHT (w/ DAYTIME RUNNING LIGHT)















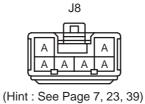


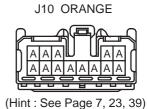
H11 BROWN





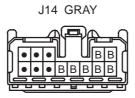


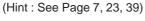


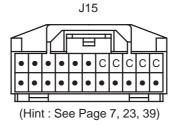


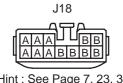
J11 BLACK

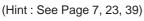
(Hint: See Page 7, 23, 39)

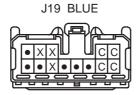












(Hint: See Page 7, 23, 39)