

# Lighting System

## (HEADLIGHT SYSTEM) Description

The component parts of this system and their function are described in the following table.

Parts Name	Function
Light Control Switch	Grounds current from the headlight control relay and taillight control relay via the integration relay, switching each relay and supplying current to the appropriate bulbs accordance with the switch position.
Dimmer Switch	Grounds current from the dimmer relay in accordance with the switch position, turning on the "LO-Beam" or "HI Beam" lights. In the case of "FLASH" it turns the heading control relay and turns on the "HI Beam" lights.
Headlight Control Relay	Turned on by signals from the light control switch, dimmer switch and running light relay and supplies current to each bulb or headlight dimmer relay.
Headlight Dimmer Relay	Receives current from the headlight control relay, which switches the relay according to the position of the dimmer switch and sends current to the headlight "LO-Beam" or "HI Beam".
Integration Relay	Carries out "Light Auto Turn-off" of the headlights and taillights and cuts off current to the light control switch in accordance with signals from the GAUGE fuse and courtesy switch.
Door Courtesy Switch/Driver's	Detects when the door is open and sends the appropriate signals to integration relay. (Light Auto Turn-Off System)
Parking Brake Switch (CANADA)	Detects when the parking brake lever is released and sends the appropriate signals to daytime running light relay.