

Ignition is OFF and doors are locked from the door lock switch	Off	Off	Off	Off
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DESCRIPTION AND OPERATION > INTERIOR LIGHTING - SYSTEM OPERATION AND COMPONENT DESCRIPTION > DEMAND LAMPS

When the BCM is in not in battery saver mode, the interior light output is energized to provide voltage to the demand lamps.

The cargo, truck bed and trailer assist lamps all illuminate with the courtesy lamps. They can also be illuminated by using the cargo lamp switch (integrated into the headlamp switch) or the truck bed lamp switch, located inside the LH rear of the truck bed.

DESCRIPTION AND OPERATION > INTERIOR LIGHTING - SYSTEM OPERATION AND COMPONENT DESCRIPTION > AMBIENT LIGHTING

The ambient lighting subsystem consists of the BCM, and the Light Emitting Diodes (LEDs) located within the floor console, front and rear door panels, instrument panel and front and rear footwell areas. The ambient lighting is operational when the ignition is in any state other than OFF (the exception is when it is used in conjunction with the illuminated entry/exit features), the headlamps are on and the outside ambient light level is low. The BCM provides the voltage to the ambient lighting system, while the touchscreen (FDIM) is used to cycle through the different color variations or turn the ambient lighting feature on or off. A LIN circuit is routed from the BCM to all of the Light Emitting Diodes (LEDs). There are 3 Light Emitting Diodes (LEDs) (red, blue and green) housed within each LED assembly. By illuminating various color combinations, the Light Emitting Diodes (LEDs) are able to produce different colors of ambient light.

The APIM uses software to monitor the user interface from the touchscreen. Based on the ambient lighting system selections made using the touchscreen, the APIM sends ambient light color request and ambient light intensity request messages over the communication network for color and brightness settings. The BCM retains the last color and brightness setting between uses.

DESCRIPTION AND OPERATION > INTERIOR LIGHTING - SYSTEM OPERATION AND COMPONENT DESCRIPTION > DARK CAR FEATURE

The dark car feature disables activation of courtesy lamps due to a door unlock, door ajar or removing the key from the ignition cylinder. The courtesy lamps may still be activated by the dome lamp switch, post crash alert, and perimeter and panic alarms.

The dark car feature is enabled/disabled through programmable parameters in the BCM.

DESCRIPTION AND OPERATION > INTERIOR LIGHTING - SYSTEM OPERATION AND