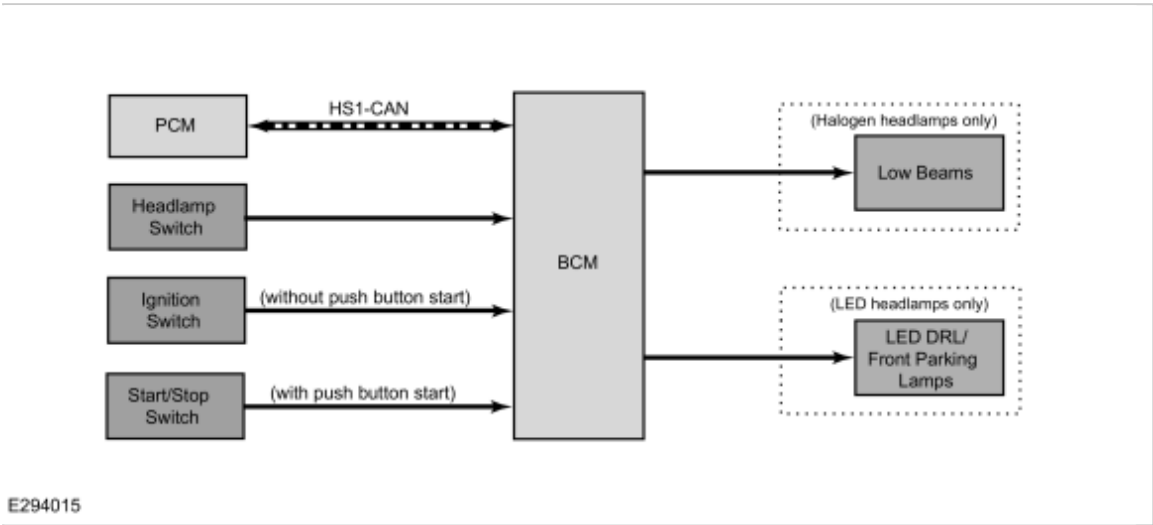


Within the 30 second delay and all the doors closed, opening any door results in the 3 minute timer restarting.

DRL

System Diagram



Network Message Chart

BCM Network Input Messages

Broadcast Message	Originating Module	Message Purpose
Gear position	PCM	Indicates the GSM request to the BCM . When the gear shifter has selected any position other than park, the BCM activates the DRL .

DRL

For halogen headlamps, the DRL system utilizes the existing circuitry and components from the headlamp low bear system illuminating the low beam bulb at a reduced intensity.

For vehicles equipped with LED headlamps, the DRL system illuminates the LED DRL /front parking lamps at full intensity in the headlamp assembly

When the ignition is in ON, the BCM supplies voltage to each headlamp assembly.

The BCM monitors the ignition status, the headlamp switch and autolamp status.

There are two types of DRL , conventional (where it is required) and configurable.

When equipped with conventional DRL , the DRL are active in any headlamp switch position except the HEADLAMPS position.

The conventional DRL are activated when the following conditions are met:

- the ignition is ON
- the headlamps switch is in OFF, PARKLAMPS or AUTOLAMPS position and the headlamps have not been turned on by the autolamp system.

- the transmission is not in PARK

When equipped with configurable DRL , the DRL may be enabled through the IPC message center. When enabled, the DRL are active only in the AUTOLAMPS headlamp position. When autolamps request the headlamps on, the DRL are de-activated.

The configurable DRL are activated when the following conditions are met:

- the ignition is ON.
- the headlamps switch is in AUTOLAMPS position and the headlamps have not been turned on by the autolamp system.
- the transmission is not in PARK.

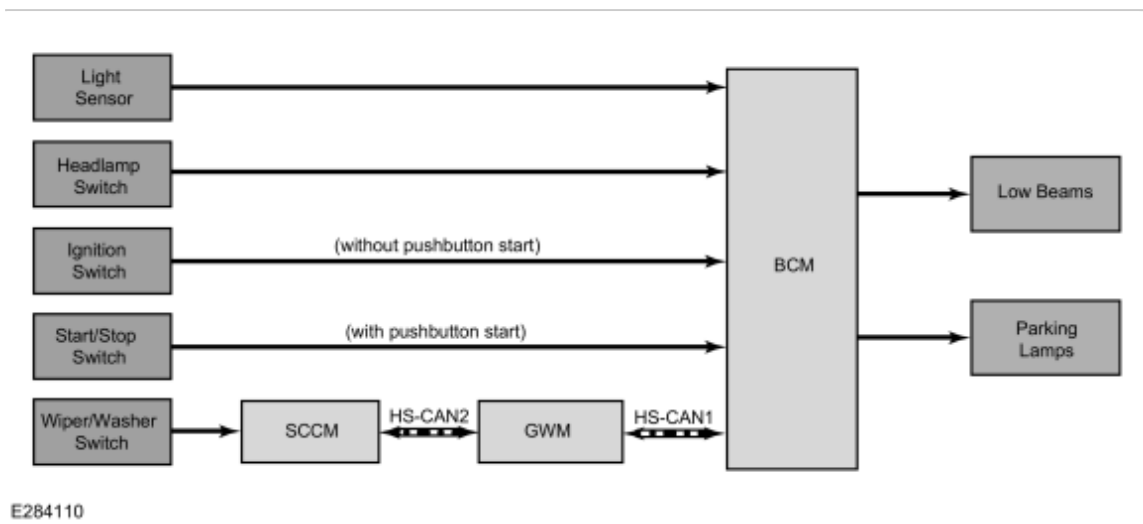
When the transmission is in not in PARK, the PCM sends a message over the HS-CAN1 to the BCM indicating the transmission is not in PARK.

X The BCM also provides Field Effect Transistor (FET) protection of the DRL output circuits. When an excessive current draw is detected, the BCM disables the affected circuit driver.

Refer to: Module Controlled Functions - System Operation and Component Description (419-10 Multifunction Electronic Modules, Description and Operation) .

Autolamps

System Diagram



Network Message Chart

BCM Network Input Messages

Broadcast Message	Originating Module	Message Purpose
Front wiper status	SCCM	The BCM uses the wiper status information for the operation of the wiper activated headlamps feature.

Autolamps

The BCM monitors the light sensor. The light sensor input to the BCM varies with the ambient light conditions.