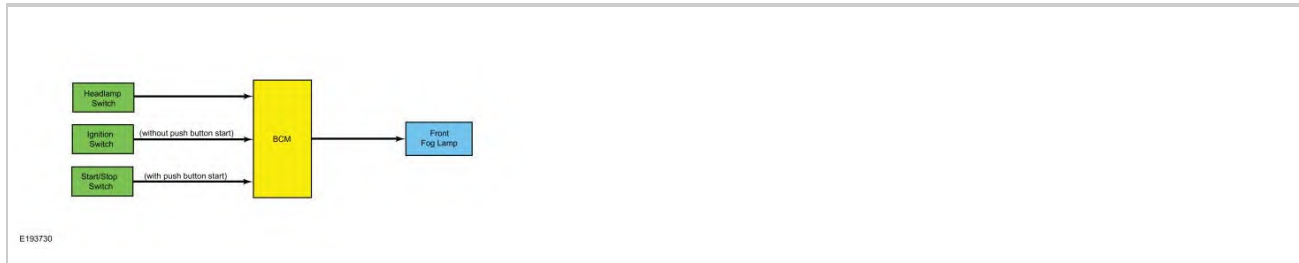


Refer to: Module Controlled Functions - Overview .

DESCRIPTION AND OPERATION > EXTERIOR LIGHTING - SYSTEM OPERATION AND COMPONENT DESCRIPTION > FOG LAMPS

System Diagram



Fog Lamps

The BCM monitors the headlamp switch position by sending voltage signals on multiple circuits to the headlamp switch. There is one circuit for each headlamp switch position. At any given time, one of the signal circuits is switched to ground to indicate the headlamp switch position.

When the BCM receives input from the headlamp switch indicating a request for the front fog lamps, the BCM provides voltage to the front fog lamps.

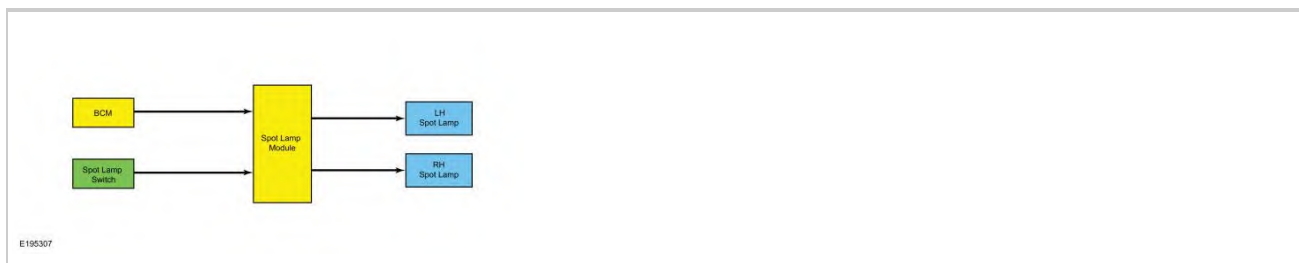
If equipped, when the vehicle is in snow plow mode, the fog lamps are disabled.

The BCM also provides Field Effect Transistor (FET) protection of the rear fog lamp output circuit. When an excessive current draw is detected, the BCM disables the front fog lamp output circuit driver.

Refer to: Module Controlled Functions - Overview .

DESCRIPTION AND OPERATION > EXTERIOR LIGHTING - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SPOT LAMPS

System Diagram



Spot Lamps

When a spot lamp switch is pressed, a ground is provided to the spot lamp module. When the spot lamp module detects that the spot lamp switch has been pressed, it sends voltage to the spot lamp (integrated into the exterior mirror turn lamp) and to the spot lamp switch indicator.