

Exterior Lighting - Overview

Headlamps

The headlamp system consists of:

- Headlamp assemblies
- Ballasts (LED and High Intensity Discharge (HID) headlamps)
- Headlamp switch
- LH steering column multifunction switch
- BCM
- SCCM
- IPMA

For halogen headlamps, the headlamp system is a quad-beam pattern system. It consists of replaceable low and high beam bulbs in each headlamp assembly. The side marker lamp and front turn/parking lamps are integrated into the headlamp assembly.

For LED headlamps, the headlamp system is a quad-beam pattern system. It consists of non-replaceable low and high beam Light Emitting Diodes (LEDs) in each headlamp assembly. The front park/turn surround Light Emitting Diodes (LEDs) and front turn Light Emitting Diodes (LEDs) are integrated into the headlamp assembly.

For High Intensity Discharge (HID) headlamp, the headlamp system consists of a replaceable High Intensity Discharge (HID) bulb in each headlamp assembly and an electronic shutter to change the beam pattern. The turn lamp is integrated into the headlamp assembly and the bulb is individually replaceable. The parking lamp Light Emitting Diodes (LEDs) are integrated into the headlamp assembly and are not replaceable.

The High Intensity Discharge (HID) headlamp system is also equipped with manual headlamp leveling.

DRL

The DRL system consists of: