

**SECTION 419-10 Multifunction Electronic Modules**

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## DESCRIPTION AND OPERATION

### Module Controlled Functions

#### Smart Junction Box (SJB)

**NOTE:**

The Smart Junction Box (SJB) is also known as the Generic Electronic Module (GEM).

The SJB is a combination of a multifunction electronic module and an interior fuse panel. The SJB functions control multiple vehicle systems which include:

- Battery saver
- Convertible top (if equipped)
- Convertible top drop window function (if equipped)
- Exterior lighting
- Heated rear window
- Interior lighting
- Perimeter anti-theft (if equipped)
- Power locks
- Remote Keyless Entry (RKE)
- Tire Pressure Monitoring System (TPMS)
- Interfacing with the Instrument Cluster (IC) for the TPMS warning lamp and other warning chimes

The SJB is located behind the RH A-pillar lower trim panel.

Refer to Smart Junction Box (SJB) in the removal and installation portion of this section.

For the perimeter anti-theft, refer to Section 419-01A.

For the battery saver, heated rear window, and power windows, refer to Section 501-11.

For the convertible top, refer to Section 501-18.

For the exterior lighting, refer to Section 417-01.

For the interior lamps and illuminated entry, refer to Section 417-02.

For the power door locks, and the RKE system, refer to Section 501-14.

For the TPMS, refer to Section 204-04.

For the warning chimes, refer to Section 413-01.