

Module Controlled Functions

NOTE: The smart junction box (SJB) is also known as the generic electronic module (GEM).

The SJB is the only multifunction electronic module on this vehicle. The SJB is a combination of a multifunction electronic module and an interior fuse panel. 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)
- Interfaces with the instrument cluster (IC) for TPMS warning lamp and other warning chimes

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

For removal information, refer to [Smart Junction Box \(SJB\)](#) in 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](#)



NOTICE: All Remote Keyless Entry (RKE) transmitters must be programmed at the same time.

1. The vehicle must be electronically unlocked before entering program mode, via the RKE transmitter or the door lock control switch while the driver door is open.
2. Turn the key from the OFF to the RUN position 8 times within 10 seconds, with the eighth turn ending in the RUN position. If the module has successfully entered program mode, it locks and then unlocks all the doors.
3. Within 20 seconds, press any button on an RKE transmitter, and the doors lock and then unlock to confirm that the RKE transmitter has been programmed. Repeat this step for each RKE transmitter.
4. If the door locks do not respond for any RKE transmitter, wait several seconds and press the button again. If the door locks still fail to respond, refer to Inspection and Verification. Make sure that no more than the maximum number of RKE transmitters are attempted to be programmed.
5. Exiting the programming mode is accomplished if one of the following occurs:
 - Turning the key to the OFF position.
 - 20 seconds have passed since entering programming mode or since the last RKE transmitter was programmed.
 - The maximum number of RKE transmitters have been programmed.

For the TPMS, refer to [Section 204-04](#).

For the warning chimes, refer to [Section 413-01](#).