

Warning Chimes

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

The warning device system consists of the following:

- Instrument Cluster (IC)
- Safety belt warning indicator switch (part of the safety belt buckle)
- Door ajar switch
- Key-in-ignition warning switch (part of the ignition switch)
- [SJB](#)

The warning chimes are designed to provide the driver with an audible warning that acts as a supplemental alert. The only deviation from this strategy is the air bag chime which is used to alert the driver that the primary alerting system does not operate. The [IC](#) controls all warning chimes based on hardwired inputs and network messages received from external modules.

The warning chime sounds to remind the driver:

- To turn the headlamps off when exiting the vehicle.
- To remove the ignition key when exiting the vehicle.
- To close the doors/decklid after starting the vehicle.
- To fasten the safety belt after starting the vehicle.
- To disengage the parking brake while driving the vehicle.
- To turn off the turn signal while driving the vehicle.

The [IC](#) uses various inputs to determine when to sound the warning chime. The warning chime sounds:

- If the headlamps are left on with the ignition switch in the OFF position and the driver door ajar.
 - If the key is in the ignition in the OFF position, with the ignition key removed, and the driver door ajar.
 - If a door/decklid is ajar while the ignition switch is in the RUN position.
 - The safety belts are not fastened and the ignition switch is in the RUN position.
 - The parking brake is engaged while the vehicle is in motion.
 - The turn signal is left on for more than 0.8 km (0.5 mile).
 - The air bag warning indicator is inoperative when there are DTCs present.
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