COMPONENT DESCRIPTION > KEY-IN-IGNITION WARNING CHIME (WITHOUT PUSH BUTTON START)

The key-in-ignition warning chime warns the key is still in the ignition lock cylinder or the ignition is in ACC when the driver door is ajar. The key-in-ignition warning chime sounds repetitive 0.5-second chime tones through the front speakers until either the key is removed from the lock cylinder, the ignition is in RUN or the driver door is closed.

The IPC receives the key-in-ignition status from the GWM over the HS-CAN3.

The GWM receives the key-in-ignition status from the BCM over the HS-CAN1.

When a chime request is received, the IPC sends the IPC chime request message to the ACM and the audio DSP module over the HS-CAN3 to sound the chime.

DESCRIPTION AND OPERATION > WARNING CHIMES - SYSTEM OPERATION AND COMPONENT DESCRIPTION > MEMORY-STORED FEEDBACK CHIME

The memory-stored feedback chime informs the driver their preferences have been successfully programmed through the memory set procedure. The memory-stored feedback chime sounds a 100-millisecond chirp through the front speakers when the DSM successfully stores a memory change.

The IPC receives the memory feedback request from the GWM over the HS-CAN3.

The GWM receives the memory feedback request from the BCM over the HS-CAN1.

When a chime request is received, the IPC sends the IPC chime request message to the ACM and the audio DSP module over the HS-CAN3 to sound the chime.

DESCRIPTION AND OPERATION > WARNING CHIMES - SYSTEM OPERATION AND COMPONENT DESCRIPTION > MESSAGE CENTER WARNING CHIME

The message center warning chime feature draws the driver's attention to the message center display to view new warning messages. There are 3 different message center warning chime types that are defined by the length of the chime tone, which are designed to create a greater sense of urgency based on the nature of the condition and message displayed in the message center.

- Informational (1-second chime)
- Soft warning (0.5-second chime)
- Hard warning (0.25-second chime)

When a new message request is received, the IPC sends the IPC chime request message to the ACM and the audio DSP module over the HS-CAN3 to sound the chime.

DESCRIPTION AND OPERATION > WARNING CHIMES - SYSTEM OPERATION AND COMPONENT DESCRIPTION > PARKING AID CHIME