

When a chime request is received, the IPC sends the IPC chime request message to the ACM and the audio DSP to sound the chime.

DESCRIPTION AND OPERATION > WARNING CHIMES - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SAFETY BELT WARNING CHIME

The safety belt warning chime warns the safety belt is not fastened. The safety belt warning chime sounds a repetitive 1-second chime tone for 6 seconds through the front speakers when the driver safety belt is not fastened and the ignition is transitioned from OFF or ACC to ON or START. The safety belt warning chime stops sounding when the safety belt is fastened, when the ignition is transitioned from ON or START to OFF or ACC, or when the chime has sounded for 6 seconds.

The IPC receives the driver safety belt buckle status message from the GWM over the HS-CAN3.

The GWM receives the driver safety belt buckle status from the RCM over the HS-CAN2.

When the conditions require the safety belt warning chime, the IPC sends the IPC chime request message to the ACM and DSP to sound the chime.

DESCRIPTION AND OPERATION > WARNING CHIMES - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SERVICE ADVANCETRAC® WARNING CHIME

The service AdvanceTrac® warning chime warns the ABS module has detected a fault condition in the stability control system. If a fault condition exists in the stability-traction control system, the ABS module sends the IPC the brake chime request to display SERVICE ADVANCETRAC in the message center and to sound the chime.

The service AdvanceTrac® warning chime sounds 3 0.5-second chime tones through the front speakers.

The IPC receives the brake chime request from the GWM over the HS-CAN3.

The GWM receives the brake chime request from the ABS module over the HS-CAN2.

When a chime request is received, the IPC sends the IPC chime request message to the ACM and the audio DSP to sound the chime.

DESCRIPTION AND OPERATION > WARNING CHIMES - SYSTEM OPERATION AND COMPONENT DESCRIPTION > TURN SIGNAL ON CHIME TONE

The IPC provides a repetitive 1-second on/off tick-tock chime tone along with visual RH or LH turn indicators to inform the driver the turn signal or hazard lamp function is on. The turn signal on chime tone provides a speed compensated volume feature that uses vehicle speed to step up the volume of the chime tone.

The IPC receives the left turn lamp on request and the right turn lamp on request from the GWM over the HS-CAN3.