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**Other Languages:** NONE **Author:** Charles Schroeder  
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Coding Information

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**Title:** Lane Departure Warning Alert Active with Turn Signals On

**Applies To:** LT RH HV MV with Lane Departure Warning

## CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

06/08/2021 - Initial Article Release.

## DESCRIPTION

A driver may notice the lane departure warning (LDW) "rumble strip" speaker buzz is active even when changing lanes with the turn signal on. This is due to an issue with Body Control Module (BCM) software.

## SYMPTOMS

**Diagnostic Trouble Codes & Dashboard Indicator Lights:**

DTC/Light	Description
No Faults or Warning Lights	

**Customer Observations or Concerns:**

- LDW "rumble strip" speaker buzz is active when changing lanes while using turn signal

## SPECIAL TOOLS / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
Diamond Logic® Builder (DLB)		EZ-Tech Software	

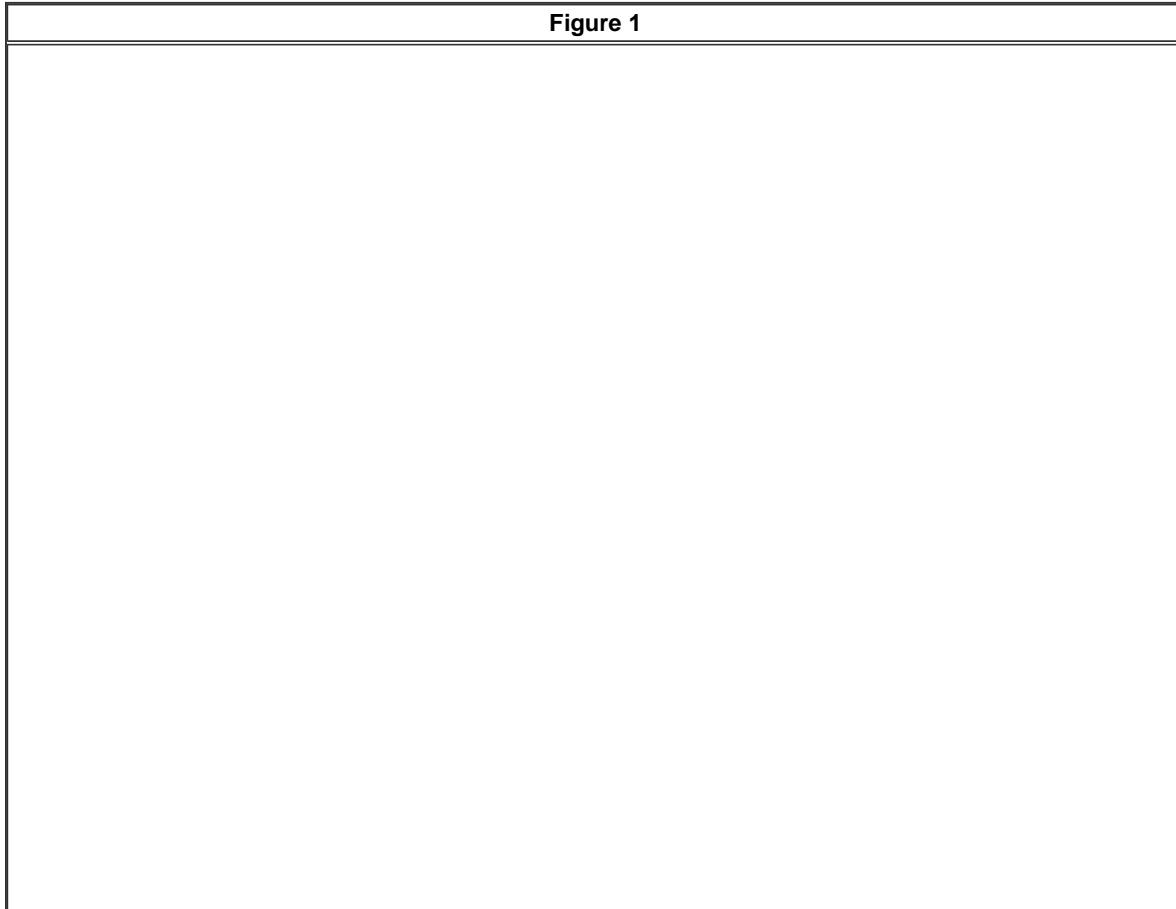
## SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
Not Applicable			

**DIAGNOSTIC STEPS**

Step	Action	Decision
#1	<b>DIAGNOSTIC:</b> Review complaint from driver  <b>Is the "rumble strip" speaker buzz active when using the turn signal and changing lanes?</b>	<b>Yes:</b> Proceed to Step 2
		<b>No:</b> This article does not apply

Step	Action	Decision
#2	<b>DIAGNOSTIC:</b> Connect to the Body Control Module (BCM) with DLB and check the Data Version -Location shown in Figure 1  <b>Is the Data Version at 352 to 354?</b>	<b>Yes:</b> Update the BCM to Data Version 355 (or higher)
		<b>No:</b> This article does not apply

**Figure 1**

The screenshot shows the International Diamond Logic Builder software. The main window displays the configuration for a vehicle with VIN 3HSDZTZR0MN222956. The 'Detected Modules' table lists various components, with the '33 ESC' module highlighted in blue. The 'Data Version' for this module is 352, which is highlighted in red in the original image. The 'Selected Module' and 'Detected' comparison table on the right shows that the 'Data Version' for the ESC module matches between the selected and detected states.

Address	Name	Kernel	Description	Selected Module	Detected
	Stalk Shifter	56			
	Six Position Switch-Pack 2	23	Serial	202380154	202380154
	Six Position Switch-Pack 1	23	Hardware	505	505
	Lighting Control Module	18	Configuration	3	3
	Instrument Cluster	40429	Kernel	727	727
	Passenger Door Pod	200			
	Driver Door Pod	202			
	Front HVAC Control Module	1945001	Data Version	352	352
	33 ESC	727	State	-	

## **REPAIR STEP(S)**

If required, update the BCM to Data Version 355 (or higher).

## **WARRANTY INFORMATION**

### **Warranty Claim Coding:**

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

### **Standard Repair Time(s):**

Refer to the [SRT Manual](#) for Repair Times

## **OTHER RESOURCES**

[Master Service Information Site](#)

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