

**Part 573 Safety Recall Report****16V-257****Manufacturer Name :** General Motors LLC**Submission Date :** APR 28, 2016**NHTSA Recall No. :** 16V-257**Manufacturer Recall No. :** 17130**Manufacturer Information :**

Manufacturer Name : General Motors LLC

Address : 30001 VAN DYKE

MAIL CODE 480-210-2V WARREN MI 48090

Company phone : 5961733

**Population :**

Number of potentially involved : 317,572

Estimated percentage with defect : 100

**Vehicle Information :**

Vehicle : 2013-2016 Chevrolet Trax

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 – 2016 Chevrolet Trax vehicles

Production Dates : JUL 24, 2012 - APR 07, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2013-2015 Chevrolet Spark

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 – 2015 Chevrolet Spark vehicles

Production Dates : JAN 18, 2012 - SEP 08, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2013-2016 Chevrolet Sonic

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain 2013 – 2016 Chevrolet Sonic vehicles

Production Dates : MAY 29, 2012 - APR 13, 2016

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs**Description of Noncompliance :**

Description of the Noncompliance : General Motors has decided that certain 2013-2016 Chevrolet Spark, Sonic, and Trax vehicles equipped with a Bring Your Own Media (“BYOM”) radio may not comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 114, “Theft protection and rollaway prevention.” BYOM radio software in these vehicles may fail to provide an audible warning/reminder chime when the driver, after turning off the ignition and leaving the key in the cylinder, waits 10 minutes or longer to open the door for the first time. The vehicle may also fail to provide – or provide a shortened – audible warning when the driver opens the door, hears a chime, leaves the key in the ignition, closes the door, and subsequently opens the door a second time more than 20 seconds later.

FMVSS 1 : 114 - Theft protection

FMVSS 2 : NR

Description of the Safety Risk : If no key reminder chime sounds to alert the driver to a key left in the ignition, there is an increased risk of theft.

Description of the Cause : In certain vehicles, when the radio goes into sleep mode, initial AMP power is not completed (or “woken up”) in time for the radio to receive the key reminder chime command.

Identification of Any Warning that can Occur : NR

**Supplier Identification :****Component Manufacturer**

Name : LG Electronics

Address : 222 LG-ro Jinwi-myeon,  
Pyeongtaek, Gyeonggi-do, FOREIGN STATES

Country : Korea, Republic of

**Chronology :**

On September 25, 2015, a GM Korea design release engineer for the BYOM1 radio filed a Speak Up for Safety report upon discovering that the radio may not sound audible key-in reminder chimes for certain openings of the driver's door (reopenings of the driver's door that occur more than 20 seconds after the door is first opened and subsequently closed with the key still in the ignition). An investigation was opened on November 2, 2015, and the issue was heard by GM International's Open Investigation Review ("OIR") on November 18, 2015. On December 7 and December 16, 2015, Global OIR reviewed the issue and requested additional investigation to determine the frequency and circumstances under which the condition could occur. GM's engineers performed the requested testing, and on February 25, 2016, a second scenario was discovered in which the BYOM1 radio may fail to provide a key-in reminder chime (where the driver's door is opened for the first time more than 10 minutes after turning off the ignition). On March 2, 2016, GM's North American Open Investigation Review reviewed the investigation. GM discussed this investigation and the circumstances in which the chimes in these vehicles might not be audible with NHTSA on March 4, 2016, with a follow-up discussion on March 31, 2016. On April 20, 2016, following the conclusion of those discussions with NHTSA, SFADA approved a non-compliance recall.

**Description of Remedy :**

Description of Remedy Program : Dealers will reflash the radios with corrected operating software. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 20, 2015.

How Remedy Component Differs from Recalled Component : The corrected operating software will modify the AMP power process to execute ("wake up") before the key reminder chime command is executed.

Identify How/When Recall Condition was Corrected in Production : Chevrolet Trax vehicles built after 04/07/2016 and Chevrolet Sonic built after 04/13/2016 have the corrected software. This radio was discontinued for the Chevrolet Spark after the 2015 model year.

**Recall Schedule :**

Description of Recall Schedule : General Motors will notify dealers on April 27, 2016. General Motors will provide owner letter notification dates when available.

Planned Dealer Notification Date : APR 27, 2016 - APR 27, 2016

Planned Owner Notification Date : NR - NR

\* NR - Not Reported