

Part 573 Safety Recall Report

21V-612

Manufacturer Name : General Motors, LLC**Submission Date :** SEP 30, 2021**NHTSA Recall No. :** 21V-612**Manufacturer Recall No. :** N212343560**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 9,597

Address : 29427 Louis Chevrolet Road
MAIL CODE 480-210-2V WARREN MI
48093

Estimated percentage with defect : 1 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2021-2022 Chevrolet Equinox

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and supplier shipping records were used to identify vehicles potentially affected by this condition.

Vehicles inspected and corrected or found to have tires outside of the supplier's suspect window are excluded from this recall.

There are 3994 Chevrolet Equinox vehicles affected by this recall.

Production Dates : APR 22, 2021 - JUL 13, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2021-2022 GMC Terrain

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and supplier shipping records were used to identify vehicles potentially affected by this condition.

Vehicles inspected and corrected or found to have tires outside of the supplier's suspect window are excluded from this recall.

There are 5603 GMC Terrain vehicles affected by this recall.

Production Dates : APR 22, 2021 - JUL 09, 2021

VIN Range 1 : Begin : NR End : NR

 Not sequential

Description of Defect :

Description of the Defect : General Motors has decided that a defect which relates to motor vehicle safety exists in certain Hankook tires installed as original equipment on certain 2021 to 2022 model year Chevrolet Equinox and GMC Terrain vehicles. According to the tire manufacturer, Hankook Tire America Corporation (Hankook), under certain conditions, these tires may experience tread delamination because the sub-tread rubber was made with an insufficient amount of curative agent.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Delamination of tread may occur at high speeds. The tire will likely not deflate or burst, but the tread separation might compromise vehicle handling and/or cause a crash.

Description of the Cause : Due to a manufacturing irregularity, a limited number of tires may have been manufactured with rubber that had an insufficient amount of a curative agent.

Identification of Any Warning that can Occur : Drivers may hear noise or feel vibration while driving. A bulge in the tread may also be noticeable.

Involved Components :

Component Name 1 : TIRE

Component Description : Tire

Component Part Number : 84337548

Supplier Identification :**Component Manufacturer**

Name : Hankook Tire America Corp.

Address : 333 Commerce Street

Suite 600 Nashville Tennessee 37201

Country : United States

Chronology :

On July 3, 2021, a GM quality engineer submitted an issue to GM's Speak Up For Safety program following notification by Hankook that two tires, received through GM warranty return, had suffered delamination. On June 11, 2021, the owner of a 2021 GMC Terrain brought their vehicle to a GM dealer with complaints of vibration and a thumping noise while driving. The dealership noted in the June 11, 2021 claim that the owner

had a previous issue with a tire on a road trip that resulted in tire replacement. Both tires were shipped to the supplier. GM became aware of a third tire potentially related to this condition on July 2, 2021. All three tires were from DOT number 0521. GM Supplier Quality initiated a yard hold and sort on July 2, 2021 for vehicles equipped with tires from DOT number 0521. Through testing, which GM understands concluded on July 9, 2021, Hankook determined that the delamination was caused by an insufficient amount of a curative agent in a particular batch of rubber. On July 12, 2021, Hankook informed GM that they intended to issue a tire recall. GM is not aware of any accidents or injuries associated with this condition. On July 29, 2021, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program :	Dealers will inspect DOT number and/or barcode information on all tires on vehicles in the population and replace specific tires from the subject DOT number 0521. Owner notification will include instructions on how to apply directly to Hankook for reimbursement in cases where an affected tire was already replaced.
How Remedy Component Differs from Recalled Component :	Replacement tires were manufactured outside of the supplier's suspect window.
Identify How/When Recall Condition was Corrected in Production :	GM's assembly plants began using confirmed parts on July 2, 2021 (Ramos) and July 5, 2021 (San Luis).

Recall Schedule :

Description of Recall Schedule :	Dealers will be notified on August 5, 2021. Customer notification is estimated to begin on September 20, 2021.
Planned Dealer Notification Date :	AUG 05, 2021 - AUG 05, 2021
Planned Owner Notification Date :	SEP 20, 2021 - SEP 20, 2021

* NR - Not Reported