

# Part 573 Safety Recall Report

# 23T-007

**Manufacturer Name :** Toyo Tire Holdings of Americas, Inc.**Submission Date :** OCT 31, 2023**NHTSA Recall No. :** 23T-007**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Toyo Tire Holdings of Americas, Inc.

Address : 3565 Harbor Blvd

Costa Mesa CA 92626

Company phone : 562-431-6502

**Population :**

Number of potentially involved : 14,194

Estimated percentage with defect : 1 %

**Tire Information :**

Tire Brand 1 : Toyo Tires

Tire Line : Open Country A/T III

Tire Size : 275/55R20 117T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 2261 tires produced in the same mold during the same week as each of the suspect tires. Of these, 18 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

Production Dates : JAN 29, 2023 - APR 08, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	KK	221F	0523	1423

Tire Brand 2 : Toyo Tires

Tire Line : Open Country A/T III

Tire Size : 275/60R20 115T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 171 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

Production Dates : APR 10, 2023 - APR 13, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	NU	221H	1523	1523

Tire Brand 3 : Toyo Tires  
 Tire Line : Open Country A/T III  
 Tire Size : 285/55R20 114T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 458 tires produced in the same mold during the same week as each of the suspect tires. Of these, 3 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** APR 23, 2023 - APR 29, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	YD	221C	1723	1723

Tire Brand 4 : Toyo Tires  
 Tire Line : Open Country A/T III  
 Tire Size : 265/70R16 111T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 429 tires produced in the same mold during the same week as each of the suspect tires. Of these, 3 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** APR 02, 2023 - APR 08, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	LJ	221V	1423	1423

Tire Brand 5 : Toyo Tires  
 Tire Line : Open Country A/T III  
 Tire Size : 265/70R17 115T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 3,075 tires produced in the same mold during the same week as each of the suspect tires. Of these, 10 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** OCT 23, 2022 - MAR 25, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	70	221D	4322	1223

Tire Brand 6 : Toyo Tires  
 Tire Line : Open Country A/T III  
 Tire Size : 275/65R18 116T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 723 tires produced in the same mold during the same week as each of the suspect tires. Of these, 7 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** DEC 18, 2022 - DEC 31, 2022

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	CY	221E	5122	5222

Tire Brand 7 : Toyo Tires  
Tire Line : Open Country A/T III  
Tire Size : 235/60R18 107T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 276 tires produced in the same mold during the same week as each of the suspect tires. Of these, 11 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 19, 2023 - MAR 25, 2023

### **TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	DC	21YW	1223	1223

Tire Brand 8 : Toyo Tires  
Tire Line : Open Country A/T III  
Tire Size : 255/70R18 113T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 256 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 19, 2023 - MAR 25, 2023

### **TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	C3	2217	1223	1223

Tire Brand 9 : Toyo Tires  
 Tire Line : Open Country H/T II  
 Tire Size : 275/55R20 117H

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 513 tires produced in the same mold during the same week as each of the suspect tires. Of these, 11 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** FEB 01, 2023 - APR 07, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	KK	2228	0523	1423

Tire Brand 10 : Toyo Tires  
 Tire Line : Open Country H/T II  
 Tire Size : 215/70R16 100H

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 298 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 26, 2023 - APR 01, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	YV	221X	1323	1323

Tire Brand 11 : Toyo Tires  
Tire Line : Open Country H/T II  
Tire Size : 265/70R16 112T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 191 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** JAN 23, 2023 - JAN 28, 2023

### **TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	LJ	2226	0423	0423

Tire Brand 12 : Toyo Tires  
Tire Line : Open Country H/T II  
Tire Size : 265/70R17 115T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 566 tires produced in the same mold during the same week as each of the suspect tires. Of these, 2 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 19, 2023 - MAR 25, 2023

### **TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	70	2227	1223	1223

Tire Brand 13 : Toyo Tires  
Tire Line : Open Country H/T II  
Tire Size : 225/65R17 102H

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 760 tires produced in the same mold during the same week as each of the suspect tires. Of these, 3 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** FEB 05, 2023 - APR 14, 2023

### TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	F5	221Y	0623	1523

Tire Brand 14 : Toyo Tires  
Tire Line : Open Country H/T II  
Tire Size : 275/65R18 116T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 209 tires produced in the same mold during the same week as each of the suspect tires. Of these, 3 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** DEC 18, 2022 - DEC 24, 2022

### TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	CY	2229	5122	5122

Tire Brand 15 : Toyo Tires  
Tire Line : Open Country H/T II  
Tire Size : 265/70R18 116T

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 478 tires produced in the same mold during the same week as each of the suspect tires. Of these, 3 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** FEB 05, 2023 - MAR 25, 2023

### **TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	D6	2229	0623	1223

Tire Brand 16 : Toyo Tires  
Tire Line : Open Country Q/T  
Tire Size : 255/50R20 109V

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 177 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** APR 09, 2023 - APR 14, 2023

### **TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	UV	224C	1523	1523



Tire Brand 17 : Toyo Tires  
Tire Line : Open Country Q/T  
Tire Size : 235/60R18 107V

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 485 tires produced in the same mold during the same week as each of the suspect tires. Of these, 7 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 19, 2023 - MAR 25, 2023

### TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	DC	2249	1223	1223

Tire Brand 18 : Toyo Tires  
Tire Line : Extensa A/S II  
Tire Size : 225/65R17 102H

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 2137 tires produced in the same mold during the same week as each of the suspect tires. Of these, 9 tires are believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** JAN 08, 2023 - APR 29, 2023

### TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	F5	224E	0223	1723

Tire Brand 19 : Toyo Tires  
 Tire Line : Extensa A/S II  
 Tire Size : 205/55R16 91H

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 389 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 05, 2023 - MAR 11, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	8K	219N	1023	1023

Tire Brand 20 : Toyo Tires  
 Tire Line : Extensa A/S II  
 Tire Size : 235/55R18 100H

**Descriptive Information :** A detailed analysis of production records for all tires produced at Toyo's Serbia factory identified 101 instances where records indicate that a green tire was cured in the wrong mold. For this SKU, the recall population is limited to 342 tires produced in the same mold during the same week as each of the suspect tires. Of these, 1 tire is believed to have been cured in the wrong mold. The attached table identifies the affected molds.

**Production Dates :** MAR 26, 2023 - APR 01, 2023

**TIN (Tire Identification Number)**

Plant ID	Size code	Optional Code	Begin M Code	End M Code
05C	7C	222H	1323	1323

**Description of Defect :**

**Description of the Defect :** A small number of green tires are suspected of having been cured into the wrong mold, potentially resulting in incorrect component dimensions, compounds, and cord tension.

FMVSS 1 : NR  
 FMVSS 2 : NR

**Description of the Safety Risk :** If this condition remains undetected, we cannot rule out the possibility that, due to this production error, sections of the tread or sidewall may become detached, which could lead to a loss of inflation pressure, and an increased risk of a vehicle crash.

**Description of the Cause :** There was a period of time when the curing presses were being manually

loaded and the control software did not prohibit press function if an incorrect green tire barcode was scanned. This allowed a small number of incorrectly loaded tires to proceed through the curing process undetected. Software that will prevent this from occurring has since been implemented.

Identification of Any Warning that can Occur : Drivers may experience a steering pull during acceleration, air loss, irregular wear, vibration during operation, or they may notice bulging of the tread or sidewall or exposed cord or cracking in the tread grooves.

## Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

## Supplier Identification :

### Component Manufacturer

Name : Toyo Tire

Address : NR

NR

Country : NR

## Chronology :

September 21, 2023: Toyo completed a detailed inspection of production records and found that the data indicated that 101 tires potentially had been cured in the wrong molds. A hold was placed on inventory and four of the suspect tires were recovered from Toyo inventory.

September 28, 2023: The four recovered tires were examined and confirmed to have been cured in the wrong mold.

October 3, 2023: FMVSS 139 testing was completed on special project tires that were built to recreate each of the suspected combinations of green tire and mold, and all of the tests met requirements.

October 20, 2023: Additional testing and analysis were completed to evaluate the performance, durability, and other characteristics of the subject tires. The decision was made by Toyo's Quality Assurance Department to present the issue to Toyo's Quality Assurance Committee.

October 24: Based on the results of the investigation, Toyo's Quality Assurance Committee authorized a recall

action with respect to the subject tires.

## Description of Remedy :

**Description of Remedy Program :** Owners who registered their tires will be notified directly by mail. For those owners who did not register their tires, Toyo will work with independent dealers or distributors to obtain owner information, where available. Owners will be requested to inspect the DOT code and mold number on the sidewall to determine whether their tire is subject to the recall. Alternatively, they can take their vehicle to a Toyo Tire dealer to have the inspection performed. If the tire is identified as one of the suspect tires, the tire will be replaced at no cost, parts and labor. This program to provide remedy tires without charge to the owner will be conducted through June 15, 2024. Dealers performing the replacement of recalled tires will be notified of their responsibilities in accordance with 49 CFR part 573.6(c)(9). Dealers will be instructed to return recalled tires directly to Toyo.

Toyo's owner notification will advise owners that they may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy, consistent with Toyo's General Reimbursement Plan (October 2023).

**How Remedy Component Differs from Recalled Component :** Remedy tires will be from unaffected production weeks.

**Identify How/When Recall Condition was Corrected in Production :** A manufacturing execution system (MES) was fully implemented by August 2023. This system will not allow a press to cycle if an incorrect tire is scanned to the press.

## Recall Schedule :

**Description of Recall Schedule :** Toyo intends to conduct owner and dealer notification on the dates indicated based upon known dealer contacts and tire registration records. Owner notification may extend beyond the listed dates depending upon the timing of receipt of additional owner information from dealers.

**Planned Dealer Notification Date :** NOV 30, 2023 - DEC 04, 2023

**Planned Owner Notification Date :** DEC 07, 2023 - DEC 12, 2023

## Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR  
Address : NR  
NR  
Country : NR  
Company Phone : NR

\* NR - Not Reported