Part 573 Safety Recall Report 23T-005

Manufacturer Name : Yokohama Tire Corporation
Submission Date : JUN 18, 2024
NHTSA Recall No. : 23T-005
Manufacturer Recall No. : NR

Manufacturer Information :

Manufacturer Name : Yokohama Tire Corporation
Address : 1 MacArthur Place
Santa Ana CA 92707
Company phone : 800 423 4544

Population :

Number of potentially involved : 6,431
Estimated percentage with defect : 28 %

Tire Information :

Tire Brand 1 : Yokohama
Tire Line : 504C
Tire Size : 11R22.5 16H
Descriptive Information : 8 warranty tires were returned from the field for analysis. The defect areas was in a consistent location, indication it was related to an operator method, not a machine. The products related to 2 operators were ultimately included in the recall population. The time period was determined based on an examination of production records from X-Ray, L-Ray, and retained cross-sections.
Production Dates : JUN 26, 2022 - DEC 03, 2022

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	3T	JBH	2622	3122
FA	3T	JBH	3522	3722
FA	3T	JBH	4322	4822

Description of Defect :

Description of the Defect : A defective carcass splice (Belt Cushion Splice) allowing air to leak into sidewall.
FMVSS 1 : 119 - New pneumatic tires- other than passenger cars
FMVSS 2 : NR
Description of the Safety Risk : If left in service, air may migrate into the sidewall causing an air bubble and may further lead to rapid air loss and possible loss of vehicle control. If the tire experiences sudden air loss, there is an increased risk of a crash.
Description of the Cause : Tire Building Operator made an inadequate and improper Belt Cushion Splice.
Identification of Any Warning : It is likely that an air bubble would develop and be visible on the sidewall of the

that can Occur : tire.

Involved Components :

Component Name : Belt Cushion

Component Description : The extruded rubber component that is assembled between the 1st and 2nd belt ends.

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Yokohama Tire Manufacturing Mississippi

Address : 1 Yokohama Blvd
West Point Mississippi 39773

Country : United States

Chronology :

On 7/11/23, 8 warranty claims were electronically filed from the same end user, claiming sidewall blowout. Photos of the tires were received on 7/25/2023. Examination of the photos indicated that the blowouts were located on both sides of the tires, but in a consistent position from the QR code label location. Research of the manufacturing history indicated that all were from the same manufacturing plant (YTMM), and 2 different shifts. Recurrence testing was initiated, and results were reviewed at the Small Product Improvement Meeting on 8/17/23. The Small Product Improvement meeting forwarded their recommendations to the executive team, who determined on 8/21/23 that there was a possible risk to safety and authorized a recall notification with respect to the subject tires. Yokohama has not received any reports of property damage or personal injury claims for the affected products.

In early 2024, Yokohama was bale to determine the quantity of tires shipped tp Canada--561 tires. This quantity was reported to Transport Canada. After acceptance by TC, Yokohama is reducing the number of tires to be recalled in the US by that same amount (to 6431 tires).

Description of Remedy :

Description of Remedy Program :	Yokohama will compensate dealers for the inspection and replacement of all tires subject to this recall. Yokohama will replace free of charge any tires subject to this recall with tires of comparable value. This replacement includes the cost of mounting and balancing the replacement tires. If the owner chooses to replace their tires with another manufacturer's tires, instead of receiving Yokohama replacement tires, Yokohama will offer a pro-rated tread depth credit of the original purchase price. If an owner has already incurred costs in order to remedy a tire within the recall population, Yokohama will reimburse those costs to include the inspection, replacement tire, mounting and balancing, as above.
How Remedy Component Differs from Recalled Component :	The remedy tires will be from different production weeks, or from different manufacturing facilities (i.e., they will have a different Plant ID Code, or a different M Code in the TIN).
Identify How/When Recall Condition was Corrected in Production :	On 12/02/2022, a One Point Lesson for creating this splice at Tire Building was used to retrain operators. All operators were also retrained on the use of the Spread Cord Detector, and the judgement criteria for an acceptable splice.

Recall Schedule :

Description of Recall Schedule :	All known registered customers and Yokohama dealers will receive notification of the recall, instructions on how to identify the potentially impacted tires, information regarding the removal of the tires from service and instructions on the return/replacement of the impacted tires.
Planned Dealer Notification Date :	SEP 18, 2023 - OCT 02, 2023
Planned Owner Notification Date :	OCT 02, 2023 - OCT 16, 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