

Part 573 Safety Recall Report

20T-007

Manufacturer Name : Yokohama Tire Corporation**Submission Date :** MAR 16, 2020**NHTSA Recall No. :** 20T-007**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 : 4,209

Estimated percentage with defect : 56 %

Tire Information :

Tire Brand 1 : Yokohama

Tire Line : RY023

Tire Size : 255/70R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 01, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	AB	JAE	0320	0320
FA	AB	JAE	0520	0620

Tire Brand 2 : Yokohama

Tire Line : RY023

Tire Size : 295/75R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 08, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BT	JAE	0320	0520

Tire Brand 3 : Yokohama

Tire Line : RY023
 Tire Size : 285/75R24.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 08, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BP	JAD	0320	0320
FA	BP	JAD	0520	0520

Tire Brand 4 : Yokohama
 Tire Line : RY617
 Tire Size : 11R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - JAN 25, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	3T	JAB	0320	0320

Tire Brand 5 : Yokohama
 Tire Line : TY517 MC2
 Tire Size : 295/75R22.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 12, 2020 - FEB 08, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BT	JAF	0220	0620

Tire Brand 6 : Yokohama
 Tire Line : RY617
 Tire Size : 11R24.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound.

Descriptive Information : There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 12, 2020 - FEB 08, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	4F	JAB	0220	0220
FA	4F	JAB	0420	0620

Tire Brand 7 : Yokohama

Tire Line : TY527

Tire Size : 11R24.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : FEB 02, 2020 - FEB 08, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	4F	JAV	0520	0520

Tire Brand 8 : Yokohama

Tire Line : 109L

Tire Size : 295/75R22.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 26, 2020 - FEB 01, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BT	JAW	0420	0420

Tire Brand 9 : Yokohama

Tire Line : 712L

Tire Size : 295/75R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 26, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BT	JAY	0420	0620

Tire Brand 10 : Yokohama
Tire Line : TY517 MC2
Tire Size : 285/75R24.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 26, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BP	JAF	0420	0620

Tire Brand 11 : Yokohama
Tire Line : 709ZL
Tire Size : 285/75R24.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 26, 2020 - FEB 01, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BP	JAM	0420	0420

Tire Brand 12 : Yokohama
Tire Line : 709ZL
Tire Size : 11R24.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 12, 2020 - JAN 18, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	4F	JAM	0220	0220

Tire Brand 13 : Yokohama

Tire Line : LY053

Tire Size : 11R24.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	4F	JAJ	0320	0620

Tire Brand 14 : Yokohama

Tire Line : 109L

Tire Size : 11R22.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 12, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	3T	JAW	0220	0220
FA	3T	JAW	0420	0620

Tire Brand 15 : Yokohama

Tire Line : 109L

Tire Size : 285/75R24.5 14G

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BP	JAW	0320	0420
FA	BP	JAW	0620	0620

Tire Brand 16 : Yokohama
 Tire Line : 108R
 Tire Size : 11R24.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	4F	JA9	0320	0320
FA	4F	JA9	0620	0620

Tire Brand 17 : Yokohama
 Tire Line : 715R
 Tire Size : 295/75R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 01, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	BT	JBJ	0320	0420

Tire Brand 18 : Yokohama
 Tire Line : TY517 MC2
 Tire Size : 11R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	3T	JAH	0320	0620

Tire Brand 19 : Yokohama
 Tire Line : 712L

Tire Size : 11R22.5 16H

Descriptive Information : These tires may have been manufactured with an out-of-specification compound. There is a possible risk of tire damage due to material detachment inside the tire. This could lead to a tire disablement and an increased risk of loss of vehicle control.

Production Dates : JAN 19, 2020 - FEB 15, 2020

TIN (Tire Identification Number)

Plant ID	Size code	Optional Code	Begin M Code	End M Code
FA	3T	JAY	0320	0420
FA	3T	JAY	0620	0620

Description of Defect :

Description of the Defect : An incorrect chemical was added to the rubber compound at the Mixing process, in one mixer. This rubber compound was then added with other ingredients to create a number of inner liners, bead cover, and bead insulation compounds. Tires created with this suspect compound passed FMVSS testing, but did not meet internal requirements with more severe internal tests.

FMVSS 1 : NR

FMVSS 2 : 119 - New pneumatic tires- other than passenger cars

Description of the Safety Risk : The specific risk is not known, but it is suspected that at high temperature and high humidity conditions the rubber could lose adhesion, and separate from the carcass and/or bead assembly. If left in service, the separation could grow and result in tread or bead detachment. Such detachment may create unpredictable vehicle handling and result in a vehicle accident.

Description of the Cause : A pallet of chemicals was placed in the wrong storage location. The operator pulled these chemicals from this location, and added to what he thought was the correct chemical tank. The mixer then added this incorrect chemical according to the compound recipe.

Identification of Any Warning that can Occur : It is likely that a vibration will be present in the tire, and will increasingly grow worse, until the separation results.

Supplier Identification :

Component Manufacturer

Name : Yokohama Tire Manufacturing Mississippi

Address : 1 Yokohama Blvd
West Point MISSISSIPPI 39773

Country : United States

Chronology :

On 17-Jan-2020, 23 of 30 batches of Compound A failed internal rheometer testing. Confirmation testing of the Compound A results caused the scope to be widened beyond to the batches mixed from 13-Jan-2020 through 18-Jan-2020. The resulting compound was in use in tire construction until 15-Feb-2020. Sample tires from suspect lots passed FMVSS testing. It was decided that there is a possible risk of tire damage due to material detachment inside the tire under certain conditions.

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.

How Remedy Component Differs from Recalled Component : Yokohama tires identified below are the recalled tires. The remedy tires will be from different production weeks, or from different manufacturing facilities (i.e., they will have a different Plant ID Code, and/or a different M Code in the TIN).

Recalled Tires (See attached list also):

Model	Size	Part Number	TIN Begins	TIN Ends
RY023	255/70R22.5	120102387	FAAB JAE	0320, 0520, 0620
RY023	295/75R22.5	120102391	FABT JAE	0320, 0420, 0520
RY023	285/75R24.5	120102390	FABP JAD	0320, 0520
RY617	11R22.5	120161722	FA3T JAB	0320
RY617	11R24.5	120161724	FA4F JAB	0220, 0420, 0520, 0620
TY517MC2	295/75R22.5	120151725	FABT JAF	0220, 0320, 0420, 0520, 0620
TY517MC2	285/75R24.5	120151727	FABP JAF	0420, 0520, 0620,
709ZL	285/75R24.5	120170903	FABP JAM	0420
709ZL	11R24.5	120170904	FA4F JAM	0220
LY053	11R24.5	120105306	FA4F JAJ	0320, 0420, 0520, 0620
TY527	11R24.5	120152724	FA4F JAV	0520
109L	295/75R22.5	120110901	FABT JAW	0420
109L	11R22.5	120110902	FA3T JAW	0220, 0420, 0520, 0620
109L	285/75R24.5	120110903	FABP JAW	0320, 0420,

0620				
108R	11R24.5	120110834	FA4F JA9	0320, 0620
715R	295/75R22.5	120171501	FABT JBJ	0320, 0420
TY517MC2	11R22.5	120151732	FA3T JAH	0320, 0420,
0520, 0620				
712L	295/75R22.5	120171221	FABT JAY	0420, 0520,
0620				
712L	11R22.5	120171222	FA3T JAY	0320, 0420,
0620				

Identify How/When Recall Condition was Corrected in Production : The chemical tank in the Mixing process was emptied, cleaned, and refilled with the correct chemical, and the return compound was removed from use as of 15-Feb-2020.

Recall Schedule :

Description of Recall Schedule : Yokohama expects the recall to begin no later than 31-Mar-2020, with initial mailing of Owner and Dealer letters. Dealers are asked to fill out claim forms as they would with all other tire returns, except as noted in the Technical Bulletin.

Planned Dealer Notification Date : MAR 31, 2020 - APR 17, 2020

Planned Owner Notification Date : MAR 31, 2020 - APR 17, 2020

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