

Part 573 Safety Recall Report

24V-419

Manufacturer Name : Gulf States Toyota, Inc.

Submission Date : JUN 06, 2024

NHTSA Recall No. : 24V-419

Manufacturer Recall No. : 24R1



Manufacturer Information :

Manufacturer Name : Gulf States Toyota, Inc.

Address : 1375 Enclave Parkway

Houston TX 77077

Company phone : 8004441074

Population :

Number of potentially involved : 4,869

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2022-2024 Toyota Highlander

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Certain model year 2022-2024 Highlander L and LE grade model vehicles equipped with 20" black alloy wheel and tire upgrade as part of a Blackout Package accessory installed by distributor Gulf States Toyota, Inc.

Production Dates : FEB 08, 2022 - MAY 06, 2024

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : Gulf States Toyota, Inc. ("GST") installed a 20" black alloy wheel and tire upgrade as part of a Blackout Package accessory for certain 2022-2024 model year Highlander L and LE grade model vehicles. GST has determined that the accessory tires installed on the upgraded wheels do not comply with Federal Motor Vehicle Safety Standard ("FMVSS") No. 110, "Tire Selection and Rims."

FMVSS 110 Section 4.2.2.2 states that when passenger car tires are installed on a Multi-Purpose Vehicle ("MPV"), truck, bus, or trailer, each tire's load rating is reduced by dividing it by 1.10 before determining the sum of the maximum load ratings of the tires fitted to an axle, which shall not be less than the Gross Axle Weight Rating ("GAWR") of the axle system as specified on the vehicle's tire certification label.

After reducing the load rating of each tire installed on the affected vehicles by dividing it by 1.10, as stated in FMVSS 110 Section 4.2.2.2, the sum of the maximum load ratings of the tires fitted to an axle is less than the GAWR of the axle system as specified on the vehicle's certification label. As such, these vehicles fail to comply with the requirements of FMVSS 110.

FMVSS 1 : 110 - Tire selection and rims

FMVSS 2 : NR

Description of the Safety Risk : Overloading the vehicle could lead to tire failure, increasing the risk of a crash.

Description of the Cause : During GST's selection process for a wheel and tire upgrade on the Blackout Package accessory for the Highlander L and LE grade models, a tire was chosen that matched the specifications of the standard wheels and tires for the Highlander Platinum grade model. GST recently discovered that the GAWR for the L and LE grade models is higher than the GAWR of the Platinum grade model. This oversight resulted in the selection of a tire for the L and LE grade models with a load rating that is lower than required by FMVSS 110 Section 4.2.2.2.

Identification of Any Warning that can Occur : When the tire pressure warning system detects that the tire pressure of a tire becomes lower than the threshold, it will inform the driver using a warning light.

Involved Components :

Component Name 1 : 22 HL BLACK 20" ASSEMBLY

Component Description : 22 HL BLACK 20" ASSEMBLY

Component Part Number : 00015H225601

Component Name 2 : 22 HL GLOSS BLACK 20" ASSEMBLY

Component Description : 22 HL GLOSS BLACK 20" ASSEMBLY

Component Part Number : 00015H225602

Supplier Identification :

Component Manufacturer

Name : Goodyear Tire & Rubber Company

Address : 200 Innovation Way

Akron Ohio 44316

Country : United States

Chronology :

On May 13, 2024, GST received a dealer inquiry regarding GST accessory tires installed on a customer's Highlander vehicle. The customer reported that the tires on their vehicle had an incorrect load rating. GST began an investigation to determine the compliance of the upgraded tires and placed all potentially affected vehicles at GST's vehicle processing center on a quality hold. During the investigation, GST found that the load rating of the upgraded tires installed on the affected vehicles fails to comply with the requirements of FMVSS 110. GST is not aware of any accidents or injuries associated with this noncompliance.

Description of Remedy :

Description of Remedy Program : Tires on affected vehicles will be inspected and replaced free of charge. If necessary, the tire information placard also will be replaced free of charge.

How Remedy Component Differs from Recalled Component : The replacement tires will have a load rating that is compliant with FMVSS 110.

Identify How/When Recall Condition was Corrected in Production : Upon receiving a field inquiry regarding the load rating of the upgraded accessory tires installed on a Highlander vehicle, GST promptly placed a quality hold on the Highlander wheel and tire upgrade accessory installation and any in-process vehicles at the vehicle processing facility while investigating the field inquiry. GST will replace the tires on the vehicles currently on hold with tires that meet the load rating required by FMVSS 110.

Recall Schedule :

Description of Recall Schedule : Notification to dealers will be sent on or before June 10, 2024. GST

expects the mailing of customer notifications letters to begin on or about July 29, 2024. A copy of the draft owner notification letter will be provided, and dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : JUN 10, 2024 - JUN 10, 2024

Planned Owner Notification Date : JUL 29, 2024 - AUG 05, 2024

* NR - Not Reported