

Part 573 Safety Recall Report

23V-485

Manufacturer Name : Gulf States Toyota, Inc.

Submission Date : JUL 26, 2023

NHTSA Recall No. : 23V-485

Manufacturer Recall No. : 23R1



Manufacturer Information :

Manufacturer Name : Gulf States Toyota, Inc.

Address : 1375 Enclave Parkway

Houston TX 77077

Company phone : 8004441074

Population :

Number of potentially involved : 195

Estimated percentage with defect : 23 %

Vehicle Information :

Vehicle 1 : 2023-2023 Toyota RAV4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Certain model year 2023 RAV4 XLE vehicles equipped with 17" black alloy wheels accessory installed by Gulf States Toyota, Inc.

Production Dates : MAY 27, 2023 - JUN 16, 2023

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Gulf States Toyota, Inc. ("GST") installed 17" black alloy wheels accessory for certain 2023 model year RAV4 XLE vehicles. GST has determined that during the installation of the wheels, the tire valve stem may have been installed using a process which could result in the tire valve stem not being fully seated and/or damaged. Additionally, GST identified a noncompliance with FMVSS 110 as the affected vehicles contain a Load Carrying Capacity Modification Label installed by GST that does not meet the accuracy requirements of FMVSS 110 S10.2. S10.2 requires that the corrected load carrying capacity weight values reflect the total weight added between final vehicle certification and first retail sale be accurate within one percent of the actual added weight. The load carrying capacity modification labels installed in the affected vehicles are not accurate within one percent (1%) of the actual added weight.

FMVSS 1 : 110 - Tire selection and rims

FMVSS 2 : NR

Description of the Safety Risk : If the valve stem is installed in a manner that could result in the tire valve stem not being fully seated and/or damaged, it may allow air to leak and/or the tires may be underinflated, increasing the risk of tire failure and a crash.

Description of the Cause : On the affected vehicles, the tire valve stem may have been installed using a process which could result in the tire valve stem not being fully seated and/or damaged. GST also used an incorrect weight for factory standard wheels in the load carrying capacity modification label calculations which caused the labels on the affected vehicles to not be accurate to within one percent (1%) of the actual added weight.

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 : Valve, Tire Pressure Monitor

Component Description : Valve, Tire Pressure Monitor

Component Part Number : 90942-A5005

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On June 19, 2023, GST received one field report describing the condition of a 2023 RAV4 XLE vehicle with 17” black alloy wheels installed by GST exhibiting low air pressure in two wheels. The dealership indicated that the tire valve stem was not fully seated in the wheels resulting in air leaking from the valve stem. Based on vehicle inspections, review of the installation process, instructions and procedures, GST found that the installation process for installing rubber valve stems on the 17” black alloy wheels could result in the tire valve stem not being fully seated and/or damaged and determined that a safety recall was warranted. During the review process, GST also found that an incorrect weight for the factory standard wheels was used in the load carrying capacity modification label calculations which caused the labels on the affected vehicles to be overstated by 2 pounds. Since the incorrect label is not within one percent (1%) of the additional weight, the vehicles are not compliant with the FMVSS.

Description of Remedy :

Description of Remedy Program : All wheel valve stems will be inspected and replaced and load carrying capacity modification labels will be replaced on affected vehicles at any Toyota dealer at no charge. GST will contact owners of the affected vehicles by US mail. GST will provide dealers with repair instructions. GST does not anticipate any customer reimbursement claims, but it will provide appropriate reimbursement should any claims arise.

How Remedy Component Differs from Recalled Component : N/A

Identify How/When Recall Condition was Corrected in Production : Immediately upon identifying the results of the internal quality review, GST enhanced wheel installation procedures and process and introduced a new job aid to ensure proper orientation of the valve stem while installing wheels.

Recall Schedule :

Description of Recall Schedule : Notification to dealers will be sent on or before July 26, 2023. GST expects the mailing of customer notification letters to begin on or before August 14, 2023. 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 : JUL 26, 2023 - JUL 26, 2023

Planned Owner Notification Date : AUG 14, 2023 - AUG 21, 2023

* NR - Not Reported