

March 3, 2023

DEFECT INFORMATION REPORT

1. Vehicle Manufacturer Name:

Toyota Motor Manufacturing, Texas, ["TMMTX"]
1 Lone Star Pass, San Antonio, TX 78264

Affiliated U.S. Sales Company:

Toyota Motor North America, Inc. ["TMNA"]
6565 Headquarters Drive, Plano, TX 75024

Manufacturer of Tonneau Cover:

Extang Corporation
5400 S State Rd, Ann Arbor, MI 48108
Phone: 800-877-2588

Country of Origin: USA

2. Identification of Involved Vehicles and Affected Components:

Based on production records, we have determined the involved vehicle population as in the table below.

Make/Car Line	Model Year	Manufacturer	Production Period
Toyota / Tundra	2022 - 2023	TMMTX	November 2, 2021 through February 21, 2023
Toyota / Tundra Hybrid			March 15, 2022 through February 21, 2023

Applicability	Part Number	Part Name	Component Description
MY2022-2023 Toyota Tundra Toyota Tundra Hybrid	PT954-34220 PT954-34221	Tonneau Cover	Trifold, Hard Tonneau Cover

Note: (1) Although the involved vehicles are within the above production period range, not all vehicles in this range were sold in the U.S.

(2) TMNA only sold the specific tonneau cover from a specific supplier described in this report for MY 2022-2023 Tundra. Other Toyota or Lexus vehicles sold in the U.S. were not equipped with this specific tonneau cover by TMNA.

3. Total Number of Vehicles Potentially Involved:

Tundra : 108,473
Tundra Hybrid : 21,793
Total : 130,266

4. Percentage of Vehicles Estimated to Actually Contain the Defect:

Approximately 13% of the total vehicles potentially involved are equipped with the tonneau cover option described in this report. 16,408 tonneau covers were installed on vehicles by Toyota or Toyota dealers and can be associated with a specific Vehicle Identification Number. 567 tonneau covers were sold over-the-counter and may be installed on one of the other 113,858 vehicles in the total population.

5. Description of Problem:

The subject vehicles may be equipped with tonneau covers attached to the front-most part of the vehicle bed and held in place by rail brackets, elevator bolts, lock washers and knobs with nuts (the “joint”). This is a Toyota genuine accessory option installed at vehicle processing facilities or by dealers prior to retail sale or purchased over-the-counter by owners. Due to the design of the joint, there is a possibility that the axial force at the joint could become insufficient to retain the cover. In this condition, the tonneau cover may detach from the vehicle bed while driving, which could become a road hazard, increasing the risk of a crash or injury for other road users.

6. Chronology of Principal Events:

October 2022

In early October, Toyota received a field technical report indicating the tonneau cover lifted and detached from the vehicle while being driven at highway speeds. Toyota was not able to inspect the vehicle, but some parts were available and recovered for investigation. A review of the available parts was conducted, but no abnormalities were found. It was suspected that there was incomplete tightening during the installation process. Toyota began to monitor for further reports of the issue.

January 2023

In mid-January, Toyota received a dealer report indicating the customer was driving at highway speeds when the tonneau cover detached from the vehicle. Investigation continued into the potential cause of tonneau cover detachment.

February 2023

In early February, Toyota began conducting field surveys investigating the tonneau cover securing joint and conducting torque studies. The results of the torque studies indicated that there is a possibility that the torque values of some joints in the field are lower than the amount of torque required to compress the lock washer completely. In late February, Toyota received another field report indicating the tonneau cover detached while driving at highway speeds.

February 28, 2023

Based on the above, Toyota decided to conduct a voluntary safety recall campaign.

As of February 23, 2023, based on a diligent review of records, Toyota's best engineering judgment is that there are two Toyota Field Technical Reports and four warranty claims that have been received from U.S. sources that relate or may relate to this condition and which were considered in the decision to submit this report.

7. Description of Corrective Repair Action:

All known owners of the subject vehicles will receive an interim notification. They will be instructed to remove the tonneau cover if their vehicles are so equipped. Owners will be contacted again when the remedy is available. Toyota will notify the agency when the remedy is available as required by 49 CFR Part 573.

Reimbursement Plan for pre-notification remedies

As the owner notification letters will be mailed out well within the active period of the Toyota New Vehicle Limited Warranty (“Warranty”), all involved vehicle owners for this recall would have been provided a repair at no cost under the warranty.

8. Recall Schedule:

Notifications to owners of the affected vehicles will occur by May 2, 2023. A copy of the draft owner notification will be submitted as soon as it is available.

9. Distributor/Dealer Notification Schedule:

Notifications to distributors/dealers will be sent by March 3, 2023. Copies of dealer communications will be submitted as they are issued.

10. Manufacturer’s Campaign Number:

[Interim / Remedy]: 23TB03 / 23TA03