

# Part 573 Safety Recall Report

# 17V-657

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing**Submission Date :** OCT 18, 2017**NHTSA Recall No. :** 17V-657**Manufacturer Recall No. :** HOV**Manufacturer Information :**

**Manufacturer Name :** Toyota Motor Engineering & Manufacturing  
**Address :** 19001 South Western Avenue  
 Torrance CA 90501  
**Company phone :** 1-800-331-4331

**Population :**

**Number of potentially involved :** 310,475  
**Estimated percentage with defect :** NR

**Vehicle Information :****Vehicle 1 :** 2005-2007 Toyota Sienna**Vehicle Type :****Body Style :****Power Train :** NR

**Descriptive Information :** (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) Vehicles included in previous recall 13V-429, which are not included in this recall, are equipped with the same shift lever assembly. However, the 13V-429 recall remedy work instruction included removing the grease in the shift lever assembly and reapplying an appropriate amount of grease. Therefore, the issue discussed in this report does not occur on these vehicles. (3) No other Toyota or Lexus vehicles use a shift lever assembly with the same design. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. The grease application amount and location for each shift lever assembly was not recorded during the manufacturing process. Further, environmental conditions affect the rate of grease degradation. Thus, it is not possible to determine when and whether these conditions will, in fact, lead to the defect described in this report for each vehicle.

**Production Dates :** AUG 08, 2005 - MAR 05, 2007**VIN Range 1 : Begin :** NR **End :** NR Not sequential**Vehicle 2 :** 2009-2010 Toyota Sienna**Vehicle Type :****Body Style :****Power Train :** NR

**Descriptive Information :** (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) Vehicles included in previous recall 13V-429, which are not included in this recall, are equipped with the same shift lever assembly. However, the 13V-429 recall remedy work instruction included removing the grease in the shift lever assembly and reapplying an appropriate amount of grease. Therefore, the issue discussed in this report does not occur on these vehicles.

(3) No other Toyota or Lexus vehicles use a shift lever assembly with the same design. Note: Toyota is unable to provide an estimate of the percentage of vehicles to actually contain the defect. The grease application amount and location for each shift lever assembly was not recorded during the manufacturing process. Further, environmental conditions affect the rate of grease degradation. Thus, it is not possible to determine when and whether these conditions will, in fact, lead to the defect described in this report for each vehicle.

Production Dates : DEC 10, 2008 - JAN 04, 2010

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : The subject vehicles are equipped with a shift lever assembly which contains a shift interlock system. The interlock system uses a shift lock solenoid that includes a slider and a stopper to prevent the shift lever from moving out of the "Park" position unless the ignition is "ON" and the brake pedal is depressed. There is a possibility that grease was applied improperly to the shift lever assembly and could transfer to the slider and stopper, deteriorate over time, and become more viscous. If these conditions occur, the slider and stopper could move together, allowing the shift lever to be moved out of the "Park" position without depressing the brake pedal. If this occurs when the parking brake is not engaged, it could lead to a vehicle rollaway and increase the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There is a possibility that grease was applied improperly to the shift lever assembly and could transfer to the slider and stopper, deteriorate over time, and become more viscous. If these conditions occur, the slider and stopper could move together, allowing the shift lever to be moved out of the "Park" position without depressing the brake pedal. If this occurs when the parking brake is not engaged, it could lead to a vehicle rollaway and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning  
that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : TRAM, Inc.

Address : 47200 Port Street

Plymouth MICHIGAN 48170

Country : United States

### Chronology :

Please see attached Part 573 Defect Information Report for full chronology.

### Description of Remedy :

Description of Remedy Program : All known owners of the involved vehicles will be notified by first class mail to return their vehicles to a Toyota dealer. Toyota dealers will replace the solenoid with a new one and will also remove the grease and reapply an appropriate amount of grease. The owner letter will instruct vehicle owners who have paid to have this condition remedied prior to this campaign to seek reimbursement pursuant to Toyota's General Reimbursement Plan.

How Remedy Component Differs from Recalled Component : Recalled component name: Unit Assy, Shift Lock Control, Recalled component description: Shift Lever Assembly, Part Number: 33560-08010

Identify How/When Recall Condition was Corrected in Production : NR

### Recall Schedule :

Description of Recall Schedule : Notifications to owners of the affected vehicles will occur by December 17, 2017. A copy of the draft owner notification letter will be submitted as soon as available. Notifications to distributors/dealers were sent on October 18, 2017. Copies of dealer communications will be submitted as they are issued.

Planned Dealer Notification Date : OCT 18, 2017 - OCT 18, 2017

Planned Owner Notification Date : DEC 01, 2017 - DEC 17, 2017

\* NR - Not Reported