

2nd Row Tip-Up Style Seat Lower Cushion Excessive Movement

Service Category Vehicle Interior

Section Seat

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 – 2013	Sienna	

Introduction

Some Sienna vehicles may exhibit a condition where the left hand (driver's side) middle row seat with the tip-up style lower seat cushion has excessive up and down movement. While some seat movement is a normal characteristic of the design, this bulletin will help identify excessive movement and provide steps to address this condition.

Parts Information

Repair Procedure 1

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
90201-A0004	Same	Shim – 3 mm	1
90080-16099	78899-08400	Screw*	1
71396-28030-B0	71396-08010	Seat Support Cushion*	1

* Vehicles built BEFORE 12/2011 Production Date.

Repair Procedure 2

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
79106-08010	Same	LH Lower Seat Frame (Captain Seat)	1
79106-08020	Same	LH Lower Seat Frame (w/ Center Seat)	1

NOTE

Follow the inspection procedure in this bulletin to identify which repair procedure and parts will be required.

2nd Row Tip-Up Style Seat Lower Cushion Excessive Movement

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Set*	00002-06000-01	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BD1223	3 mm Shim Installation (Only)	0.5	79106-08010 79106-08020	62	40
BD1222	R & R Seat Frame Assembly (Only)	2.8			
BD1224	R & R Seat Frame Assembly and Install 3 mm Shim	3.3			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Inspection Procedure

1. Confirm amount of lower seat cushion movement.
 - A. Latch the lower seat cushion into place.
 - B. Apply pressure down on the seat cushion to verify amount of movement in the lower seat cushion.

2nd Row Tip-Up Style Seat Lower Cushion Excessive Movement

Inspection Procedure (Continued)

2. While applying pressure, measure the amount of movement in the lower cushion assembly.
 - A. Apply tape to the front edge of the cushion.
 - B. Draw a reference line on tape.
 - C. Using a metric ruler, measure vertical movement of the lower cushion.

Figure 1. Example of Seat Measurement



Refer to the video link below for an example of the Seat Measurement:

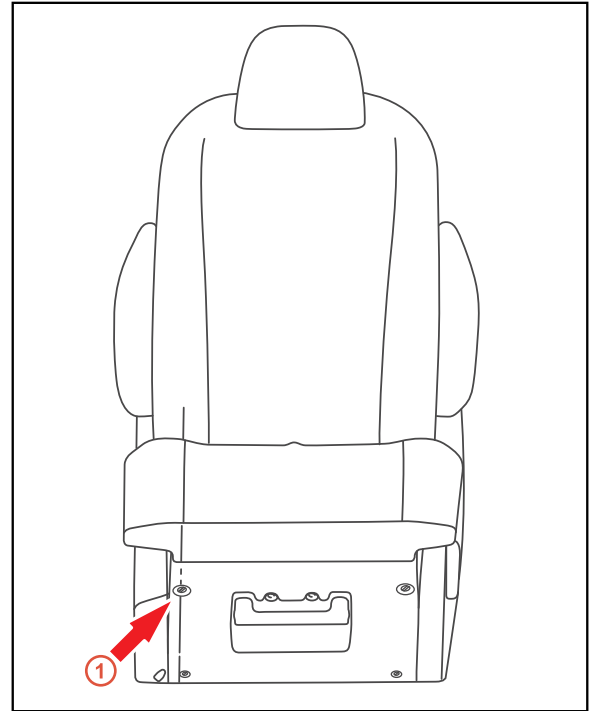
[Seat Measurement](#)

MEASUREMENT	ACTION
0 – 3 mm	Normal characteristic of seat mechanism. No repair should be performed.
4 – 12 mm	Excessive amount of movement. See Repair Procedure 1.
13+ mm	Seat latch mechanism damaged and requires replacement. See Repair Procedure 2.

2nd Row Tip-Up Style Seat Lower Cushion Excessive Movement

Repair Procedure 1: Shim Installation

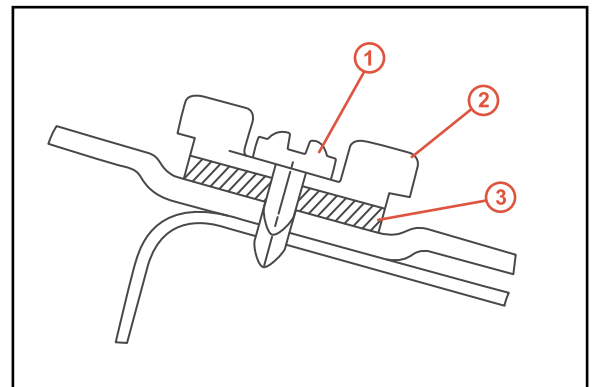
1. Tip up lower cushion to gain access to the inboard seat support cushion. **Figure 2.**



1	Inboard Seat Support Cushion
----------	-------------------------------------

2. Remove the inboard seat support cushion and screw.
3. Install the 3 mm shim to the bottom of the inboard seat support cushion and reinstall the seat support cushion and screw. **Figure 3.**

NOTE
 For vehicles built before 12/2011, a new seat support cushion and screw are required to properly install the 3 mm shim.



1	Screw
2	Seat Support Cushion
3	Shim

2nd Row Tip-Up Style Seat Lower Cushion Excessive Movement

Repair Procedure 1: Shim Installation (Continued)

4. Measure the seat movement per the Inspection Procedure.
5. Confirm proper seat operation.

Repair Procedure 2: Seat Frame Replacement

1. Replace the lower seat frame assembly.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

Captain Seat Type:

- 2011 Sienna:
Vehicle Interior – Seat – “Seat: Rear No. 1 Seat Assembly (for Captain Seat Type): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
- 2012 Sienna:
Vehicle Interior – Seat – “Seat: Rear No. 1 Seat Assembly (for Captain Seat Type): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
- 2013 Sienna:
Vehicle Interior – Seat – “Seat: Rear No. 1 Seat Assembly (for Captain Seat Type): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”

Bench Seat Type:

- 2011 Sienna:
Vehicle Interior – Seat – “Seat: Rear No. 1 Seat Assembly (w/Center Seat): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
- 2012 Sienna:
Vehicle Interior – Seat – “Seat: Rear No. 1 Seat Assembly (w/Center Seat): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”
- 2013 Sienna:
Vehicle Interior – Seat – “Seat: Rear No. 1 Seat Assembly (w/Center Seat): [Removal](#) / [Disassembly](#) / [Reassembly](#) / [Installation](#)”

2. Measure lower cushion movement per the Inspection Procedure at the beginning of this bulletin.

MEASUREMENT	ACTION
0 – 3 mm	Normal characteristic of seat mechanism. No repair should be performed.
4 – 12 mm	Excessive amount of movement. See Repair Procedure 1.

3. Confirm proper seat operation.