

Front Driver and Passenger Seat Belt: Slow Retraction

Service Category Vehicle Interior

Section Seat Belt

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2004 - 2006	Sienna	

REVISION NOTICE

July 5, 2016 Rev1:

- Warranty Operation Codes updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2004 – 2006 model year Sienna vehicles may exhibit a condition where the front driver and/or passenger seat belt becomes abnormally slow to retract, or does NOT retract smoothly. Follow the procedure in this bulletin to replace the front seat belt assemblies to address this condition.

Front Driver and Passenger Seat Belt: Slow Retraction

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
711501	Front Seat Belt (One Side)	0.5	73210-AE010-B0 73210-AE010-E0 73210-AE011-B0 73210-AE011-E0 73210-AE012-B0 73210-AE012-E0 73210-AE020-B0 73210-AE020-E0 73210-AE021-B0 73210-AE021-E0 73210-AE022-B0 73210-AE022-E0 73220-AE010-B0 73220-AE010-E0 73220-AE011-B0 73220-AE011-E0 73220-AE020-B0 73220-AE020-E0 73220-AE021-B0 73220-AE021-E0	9C	14
711501A	Opposite Side	0.3			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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.

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Parts Information

MODEL YEAR	LOCATION	COLOR	PART NUMBER		PART NAME	QTY
			PREVIOUS	NEW		
2004	LH	Fawn	73220-AE011-E0	04005-292AE-E0	LH FR Seat Belt	1
		Charcoal	73220-AE011-B0	04005-292AE-B0	LH FR Seat Belt	1
	RH	Fawn	73210-AE011-E0 73210-AE012-E0	04005-291AE-E0	RH FR Seat Belt	1
		Charcoal	73210-AE011-B0 73210-AE012-B0	04005-291AE-B0	RH FR Seat Belt	1
2005	RH	Fawn	73210-AE020-E0 73210-AE021-E0	04005-293AE-E0	RH FR Seat Belt	1
		Charcoal	73210-AE020-B0 73210-AE021-B0	04005-293AE-B0	RH FR Seat Belt	1
	LH	Fawn	73220-AE020-E0 73220-AE021-E0	04005-294AE-E0	LH FR Seat Belt	1
		Charcoal	73220-AE020-B0 73220-AE021-B0	04005-294AE-B0	LH FR Seat Belt	1
2006	RH	Fawn	73210-AE021-E0 73210-AE022-E0	04005-293AE-E0	RH FR Seat Belt	1
		Charcoal	73210-AE021-B0 73210-AE022-B0	04005-293AE-B0	RH FR Seat Belt	1
	LH	Fawn	73220-AE021-E0	04005-294AE-E0	LH FR Seat Belt	1
		Charcoal	73220-AE021-B0	04005-294AE-B0	LH FR Seat Belt	1

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Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Plastic Pry Tool Kit	00002-06020-01	1

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 11.10.034 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- Additional SSTs may be ordered by calling 1-800-933-8335.

Seat Belt Assembly Replacement

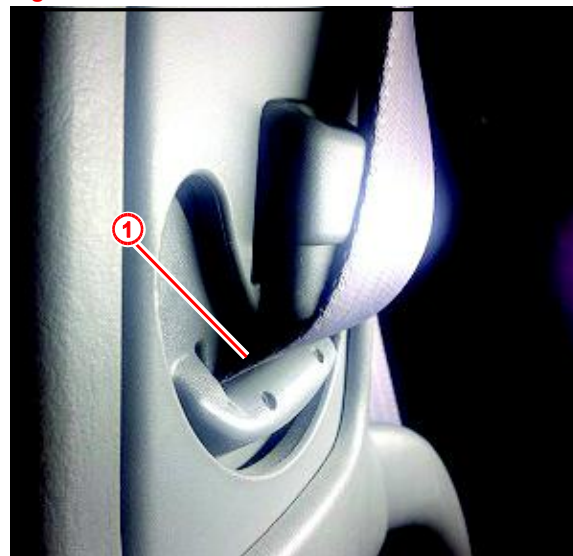
1. Confirm that the seat belt is NOT twisted at the D ring.

Is the seat belt twisted?

YES — Untwist the seat belt and go to step 2.

NO — Go to step 2.

Figure 1.



1 D-Ring (Normal Condition)

2. Confirm slow retraction by pulling on the seat belt and judging retraction speed.

NOTE

Compare left to right side of vehicle or to another vehicle (example: NEW Sienna inventory).

Front Driver and Passenger Seat Belt: Slow Retraction

Seat Belt Assembly Replacement (Continued)

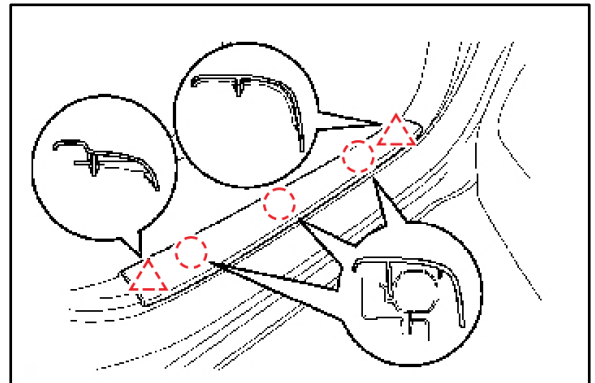
3. If seat belt is slow to retract, proceed with seat belt replacement.
4. Disconnect the negative (–) battery terminal.

NOTICE

- Wait at least 90 seconds after disconnecting the battery before beginning any work to allow the pretensioner system to fully discharge.
- These instructions describe the repair for one side, the same procedure should be used for the opposite side.

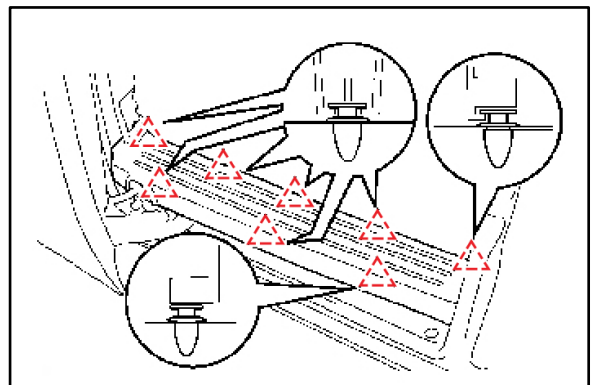
5. Remove the front door scuff plate by using a plastic pry tool and disengaging the 2 clips and 3 claws.

Figure 2.



6. Remove the rear door scuff plate by using a plastic pry tool and disengaging the 8 clips.

Figure 3.



7. Remove the front and rear door weatherstrip.

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Seat Belt Assembly Replacement (Continued)

8. Remove the lower center pillar garnish.
 - A. Remove the floor anchor cover.
 - B. Remove the bolt and disconnect the front seat outer belt on the floor anchor side.
 - C. Using a plastic pry tool, disengage the 5 clips and remove the pillar garnish.
 - D. With power slide door: Disconnect the power slide door control switch connector.
9. Remove the center pillar garnish upper by using a plastic pry tool and disengaging the assist grip plugs.
 - A. Remove the 2 torx® (T-30) and assist grip No. 2 RH.
 - B. Remove the 2 bolts and 1 clip.
 - C. Using the plastic pry tool, disengage the clip and remove the pillar garnish.

Figure 4.

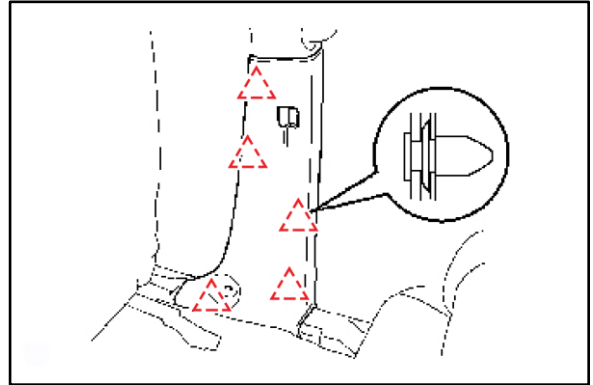


Figure 5.

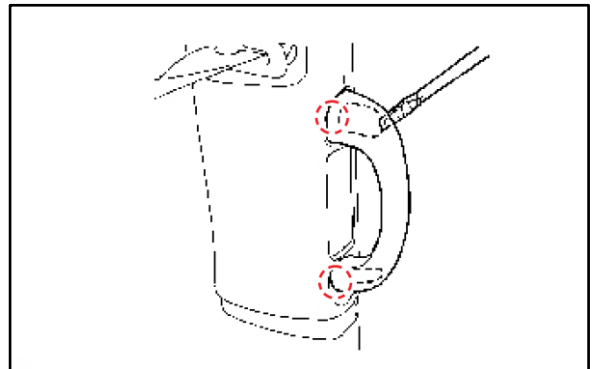
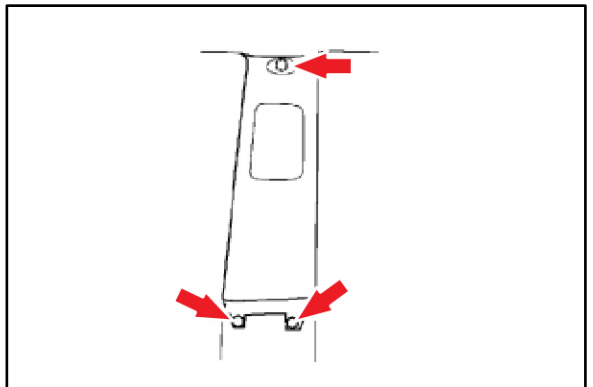


Figure 6.



Front Driver and Passenger Seat Belt: Slow Retraction

Seat Belt Assembly Replacement (Continued)

10. Remove front seat outer belt assembly.

NOTICE

Wait at least 90 seconds after disconnecting the battery before beginning any work to allow the pretensioner system to fully discharge.

- A. Remove the nut and the front seat outer belt on the shoulder and anchor side.
- B. Disconnect the pretensioner connector as shown in the illustration.
- C. Remove the 2 bolts and outer belt.

Figure 7.

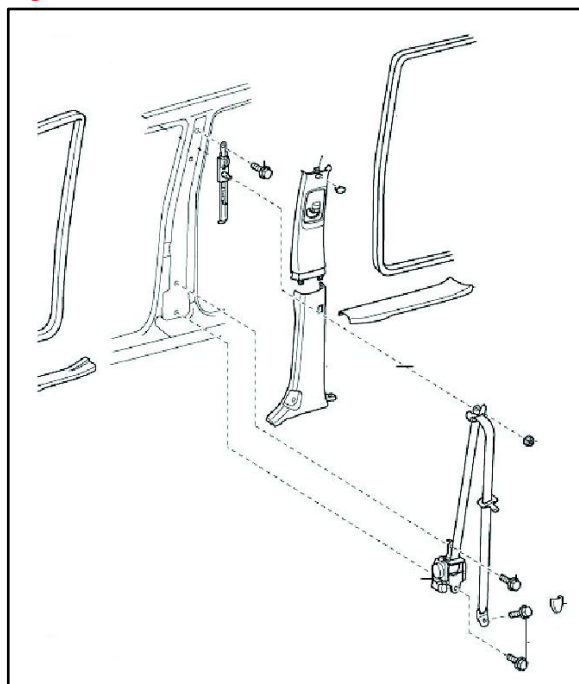
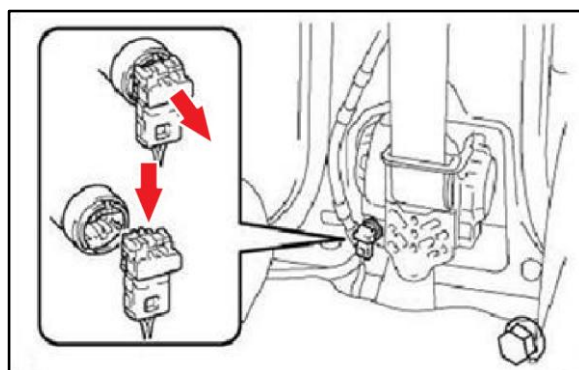


Figure 8.



Front Driver and Passenger Seat Belt: Slow Retraction

Seat Belt Assembly Replacement (Continued)

11. Install front seat outer belt assembly.

NOTICE

Do NOT disassemble the retractor.

- A. On a bench, check the degree of tilt when beginning to lock ELR.
- B. Check that the belt does NOT lock within 15 degrees of tilt in all directions but that the belt locks with over 45 degrees of tilt when gently moving the retractor. If operation is not as specified, replace the outer belt assembly with a new belt.
- C. Install the retractor with the 2 bolts.
Torque: 42 N*m (430 kgf*cm, 31 ft*lbf)
- D. Connect the pretensioner connector and insert the lock piece.
- E. Install the shoulder anchor with the nut.
Torque: 42 N*m (430 kgf*cm, 31 ft*lbf)
- F. Install the center pillar garnish and assist grip No. 2.
- G. Install the center pillar garnish lower.
- H. Install the floor anchor with the bolt.
Torque: 42 N*m (430 kgf*cm, 31 ft*lbf)
- I. Install the floor anchor cover.
- J. Install the front and rear weatherstrip.

HINT

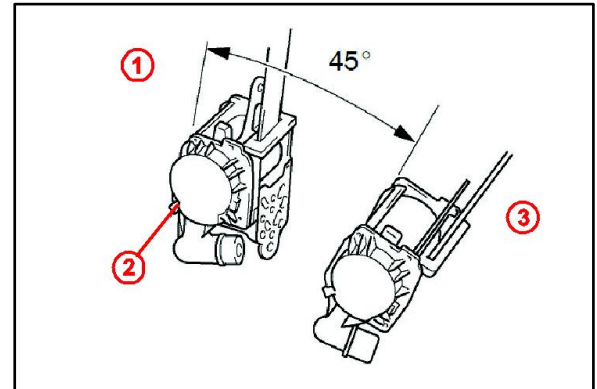
Before reinstalling the weatherstrip, completely remove the sealer adhering to the opening flange on the body side.

- K. Install the front and rear door scuff plate.
- L. Check the the ELR lock and that the belt locks when pulling out the belt quickly when the belt is installed. If operation is not as specified, replace the outer belt assembly.

NOTICE

The check should be performed with the assembly installed.

Figure 9.



1	Unlock
2	Retractor
3	Lock

12. Connect the negative battery terminal.
13. Perform a Health Check using Techstream, and confirm there are no DTCs present.