

Harsh 5-4 Downshift on Deceleration

Service Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006 – 2009	Camry	Body Type(s): 4Dr. Sedan Drive Type(s): 2WD Engine(s): 2AZ Plant Code(s): 3, R, U Transmission(s): 5AT VDS(s): BE32K, BE46K WMI(s): 4T1, 4T4, JTN

TSB SUPERSESSION NOTICE

The information contained in this TSB supersedes TSB No. TC010-06.

- Production Change Information has been updated with new VIN information.
- Applicability has been updated to include 2008 and 2009 model year Camry.

TSB No. TC010-06 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this service bulletin before proceeding.

Introduction

Some 2006 – 2009 model year Camry vehicles equipped with the 2AZ-FE engine and U250E automatic transaxle (ATM) may exhibit a harsh 5–4 downshift under the following conditions:

- ATM at normal operating temperature
- After driving above 45 mph (72 km/h)
- Decelerating through 28 mph (45 km/h)

The line pressure control solenoid assembly (SLT) has been improved to reduce this condition on customer complaint vehicles.

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Production Change Information

This TSB applies to vehicles produced BEFORE the Production Change Effective VINs shown below.

MODEL	ENGINE	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Camry	2AZ-FE	Tsutsumi	JTNBE46K#83146849
		TMMK	4T1BE46K#9U267985
			4T1BE46K#9U797632
		SIA	4T4BE46K#8R037795

Warranty Information

OP CODE	DESCRIPTION	MY	TIME	OFF	T1	T2
369401	R & R Transaxle Solenoid Assembly	2006	1.6	35290-33030 35290-45010	26	88
		2007	1.9			
		2008				
		2009				

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 vehicles in-service date.
- Warranty application is limited to correction of a problem based upon a customers specific complaint.

Parts Information

MODEL YEAR	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
2006 – 2007	35290-33030	35290-45010	Solenoid Assembly, Line Pressure Control	1
2008 – 2009	35290-45010	Same		1
All	35168-21020	Same	Gasket, Automatic Transaxle Oil Pan	1

Required Tools & Equipment

TOOLS & MATERIAL	QUANTITY
Toyota Genuine Adhesive 1344, Three Bond 1344, or equivalent	As Needed
Automatic Transmission Fluid (ATF), Toyota Genuine ATF WS	3.5 liters (3.7 U.S. qts, 3.1 Imp. qts)

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Repair Procedure

1. Test drive and verify that the 5–4 harsh downshift condition occurs as described in the Introduction section in this TSB.
2. Replace the SLT solenoid assembly.

Refer to the Technical Information System (TIS):

- 2006 model year Camry Repair Manual:

[Drivetrain – Automatic Transmission/Transaxle – “Transmission Valve Body Assy \(U250E\): Replacement”](#)

- 2007 model year Camry Repair Manual:

Drivetrain – Automatic Transmission/Transaxle: Unit Repair – “U250E Automatic Transaxle: Shift Solenoid Valve: [Removal, Disassembly, Inspection, Reassembly](#)”

- 2008 model year Camry Repair Manual:

Drivetrain – Automatic Transmission/Transaxle: Unit Repair – “U250E Automatic Transaxle: Shift Solenoid Valve: [Removal, Disassembly, Inspection, Reassembly](#)”

- 2009 model year Camry Repair Manual:

Drivetrain – Automatic Transmission/Transaxle: Unit Repair – “U250E Automatic Transaxle: Shift Solenoid Valve: [Removal, Disassembly, Inspection, Reassembly](#)”

NOTE

For SLT solenoid identification, refer to TSB No. [TC007-05](#), “*U250E Transmission Solenoid Identification*”.

3. Reinstall the automatic transaxle oil pan.

Refer to TIS:

- 2006 model year Camry Repair Manual:

[Drivetrain – Automatic Transmission/Transaxle – “Transmission Valve Body Assy \(U250E\): Replacement”](#)

- [2007](#) / [2008](#) / [2009](#) model year Camry Repair Manual:

Drivetrain – Automatic Transmission/Transaxle: Unit Repair – “U250E Automatic Transaxle: Shift Solenoid Valve: Installation”

4. Test drive and verify that the ATM operates normally.