

ABS Light and/or Cruise Light Flashing and A/C Inoperative

Service Category Brake

Section Brake Control/Dynamic Control System **Market** USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2005 – 2007	Corolla, Matrix	Drive Type(s): 2WD Engine(s): 1ZZ

Introduction

Some 2005 – 2007 model year Corolla and Matrix vehicles equipped with a 1ZZ-FE engine may exhibit one or more of the following conditions:

- ABS light flashes during vehicle operation
- Cruise light flashes during vehicle operation
- A/C system is inoperative

Use the following procedure to repair the vehicle and address customer concerns.

Warranty Information

OP CODE	DESCRIPTION	MODEL	TIME	OFP	T1	T2
EL8009	R & R Engine Control Computer (ECM/PCM)	Corolla	0.4	89661-0####	01	99
EL8010		Matrix	0.5			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect for 96 months or 80,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to correction of a problem based upon a customer's specific complaint.

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Parts Information

MODEL	TRANS	PREVIOUS PART NUMBER			CURRENT PART NUMBER	PART NAME	QTY
		2005 MY	2006 MY	2007 MY			
Corolla	A/T w/VSC	89661-02C0#	89661-02C9#	89661-02K10	89661-02K11	Engine Control Module (ECM/PCM)	1
	A/T w/o VSC	89661-02C1#	89661-02D0#	89661-02K20	89661-02K21		1
Matrix	A/T w/VSC	89661-0112#	89661-02D4#	89661-02K30	89661-02K31		1
	A/T w/o VSC	89661-0113#	89661-02D5#	89661-02K40	89661-02K41		1
Corolla & Matrix	M/T	89661-0Z04#	89661-02D1#	89661-02K50	89661-02K51		1

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS techstream* NOTE: Software version 2.20.015 or later is required.	ADE	TSPKG1	1

* Essential SST.

NOTE

- Additional TIS techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- The Toyota Diagnostic Tester and CAN Interface Module may also be used to perform the service procedures listed in this bulletin.

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Repair Procedure

1. Confirm that the condition matches the criteria in the Introduction of this TSB and that NO other faults are present in the related systems.
2. Replace the ECM (PCM).

Refer to the Technical Information System (TIS):

- [2005](#) model year Corolla Repair Manual, *Engine/Hybrid System – Engine Control – “ECM (1ZZ-FE/2ZZ-GE): Replacement”*
 - [2006](#) or [2007](#) model year Corolla Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: ECM Removal”*
 - [2006](#) or [2007](#) model year Corolla Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: ECM Installation”*
 - [2005](#) model year Matrix Repair Manual, *Engine/Hybrid System – Engine Control – “ECM (1ZZ-FE/2ZZ-GE): Replacement”*
 - [2006](#) or [2007](#) model year Matrix Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: ECM Removal”*
 - [2006](#) or [2007](#) model year Matrix Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: ECM Installation”*
3. Register the VIN into the replacement ECM (PCM).

Refer to TIS:

- [2005](#) model year Corolla Repair Manual, *Engine/Hybrid System – Engine Control – “SFI System (1ZZ-FE): Registration”*
 - [2006](#) or [2007](#) model year Corolla Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: SFI System: Registration”*.
 - [2005](#) model year Matrix Repair Manual, *Engine/Hybrid System – Engine Control – “SFI System (1ZZ-FE(FF)): Registration”*
 - [2006](#) model year Matrix Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: SFI System (for 2WD): Registration”*.
 - [2007](#) model year Matrix Repair Manual, *Engine/Hybrid System – Engine Control – “1ZZ-FE Engine Control System: SFI System: Registration”*.
4. Confirm the repair.