

TMS-NTC-10251  
November 29, 2010

Delia Lopez  
Recall Management Division  
National Highway Traffic Safety Administration  
1200 New Jersey Avenue, SE  
Washington, DC 20590

RE: Toyota Safety Recall 10V-384

Dear Ms. Lopez:

As indicated on the previously submitted schedule, the previously approved owner notification communicating the availability of a remedy for Safety Recall 10V-384 on certain 2005-2008 Corolla 2WD and Corolla Matrix 2WD vehicles will be conducted in two phases.

Please find attached a representative softcopy version of the following:

Dealer Notification Letter A0J (Remedy) – Phase 1  
Owner Notification Letter A0J (Remedy) – Phase 1

These documents are being submitted in accordance with regulation 49 CFR 573.6 (c)(10).

If you have any questions regarding this matter, please contact me at (310) 468-3392.

Sincerely,



George Morino  
National Manager, Quality Compliance

Attachments:

- Toyota 10V-384 Dealer Notification Letter A0J (Remedy) Phase 1 11-29-2010
- Toyota 10V-384 Owner Notification Letter A0J (Remedy) Phase 1 11-29-2010

Toyota Motor Sales, U.S.A., Inc.  
19001 South Western Avenue  
Torrance, CA 90501  
(310) 468-4000

To: All Toyota Dealer Principals, Service Managers, Parts Managers

Subject: Safety Recall – A0J  
Certain 2005 through 2008 Toyota Corolla and Corolla Matrix Vehicles Equipped with 1ZZ-FE Electronic Control Module (ECM)  
**Remedy Procedure – Phase 1 (2005 – 2006 model year)**

As previously announced in August 2010, Toyota filed a Defect Information Report (DIR) with the National Highway Traffic Safety Administration (NHTSA) informing the agency of our intent to conduct a voluntary Safety Recall on certain 2005 through 2008 model year Toyota Corolla and Corolla Matrix 2WD vehicles equipped with 1ZZ-FE.

**Toyota is now launching Phase 1 of this Safety Recall which covers certain 2005 through 2006 Corolla and Corolla Matrix vehicles equipped with 1ZZ-FE.**

Phase 2 will cover the remaining Corolla and Corolla Matrix (2007 – 2008 model year) vehicles for this Safety Recall.

## **Background**

The ECM for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive may have been improperly manufactured. There is a possibility that a crack may develop at certain solder points or on varistors on the circuit board. In most cases, if a crack occurs at certain points or on certain varistors, the engine warning lamp could be illuminated\*, harsh shifting could result, or the engine may not start. In limited instances, if cracking occurs on particular solder points or varistors, the engine could stop while the vehicle is being driven which may increase the risk of a crash.

*\*Please note the engine warning lamp may illuminate for reasons unrelated to this condition.*

## **Remedy**

Toyota dealerships will inspect and, if necessary, replace the ECM at **no cost** to the vehicle owner. For additional information on inspection and repair procedures, please refer to TIS.

The Safety Recall will be launched in two phases. The phases for Safety Recall A0J will be grouped as follows:

- Phase 1: Certain 2005 through 2006 Model Year Corolla and Corolla Matrix vehicles
- Phase 2: Certain 2007 through 2008 Model Year Corolla and Corolla Matrix vehicles

The following vital information is provided to inform you and your staff of the owner notification phase of this campaign and your degree of involvement.

### **1. Owner Notification Mailing Date**

The owner notification (Phase 1) will commence on November 29, 2010, approximately one week after the dealer notification. The owner notification letter will be mailed in quantities consistent with parts and repair capacity. We anticipate the owner notification for Phase 1 will be completed in late February, 2011.

Phase 2 will be launched consistent with parts and repair capacity. A separate dealer notification and activation of VINs in TIS will precede the start of the owner notification for Phase 2.

**2. Dealer/Owner Lists**

Phase 1 Summary Reports, containing the **number** of covered vehicles in your dealership’s primary marketing area, have been enclosed in the dealer package. (Please verify eligibility by confirming through Dealer Daily or TIS prior to performing repairs.)

**3. Number and Identification of Covered Vehicles**

**Phase 1** will include certain 2005 through 2006 model year Toyota Corolla and Corolla Matrix vehicles. The number of Toyota Corolla and Corolla Matrix vehicles covered by Phase 1 is approximately 677,000.

Note: There are approximately 1,120,000 Toyota Corolla and Corolla Matrix (certain 2005 through 2008 model year) vehicles covered by this Safety Recall.

**Phase 1**

**Phase 2**

Model	WMI	MY	VDS	START	FINISH
COROLLA (Phase 1)	1NX	2005	BR30E	Z342405	Z568014
			BR32E	Z342399	Z568020
		2006	BR30E	Z568023	Z764634
			BR32E	Z568021	Z764643
	2T1	2005	BR30E	C316577	C558528
			BR32E	C318782	C558444
		2006	BR30E	C558458	C712364
			BR32E	C556068	C712373
	JTD	2005	BR32E	0053035	0057415
				2048917	2067858
		2006	BR32E	0057243	0100017
	COROLLA MATRIX (Phase 1)	2T1	2005	KR30E	C318793
KR32E				C318785	C554037
2006			KR30E	C554043	C624052
			KR32E	C552897	C624055

Model	WMI	MY	VDS	START	FINISH
Corolla (Phase 2)	1NX	2007	BR30E	Z764644	Z936901
			BR32E	Z764645	Z936908
		2008	BR30E	Z000037	Z999992
			BR32E	Z000000	Z999999
	2T1	2007	BR30E	C712409	C855660
			BR32E	C712376	C855688
		2008	BR30E	C852673	C939838
			BR32E	C855691	C939842
	JTD	2007	BR32E	0098045	0137755
	COROLLA MATRIX (Phase 2)	2T1	2007	KR30E	C624073
KR32E				C622774	C686144
2008			KR30E	C684705	C720556
			KR32E	C686148	C720560

Please note that only owners of the covered vehicles will be notified. If a dealer is contacted by an owner who has not yet received the notification, please instruct the dealer to **verify coverage by confirming through Dealer Daily/TIS**. Dealers should perform the procedure as outlined in the Technical Instructions located on TIS.

A UIO matrix by state is provided to inform your dealership of the number of affected vehicles in your state.

**Corolla and Corolla Matrix Vehicles 2005-2006 Model Year (Phase 1)**

STATE	UIO
AK	632
AL	6,677
AR	3,955
AZ	14,462
CA	122,674
CO	7,774
CT	7,249
DC	1,157
DE	1,674
FL	58,172
GA	17,022

STATE	UIO
HI	413
IA	3,780
ID	2,127
IL	22,970
IN	7,449
KS	4,481
KY	7,948
LA	8,780
MA	21,556
MD	18,620
ME	3,226

STATE	UIO
MI	6,613
MN	8,438
MO	8,279
MS	3,430
MT	1,024
NC	18,674
ND	549
NE	1,874
NH	4,253
NJ	19,705
NM	3,804

STATE	UIO
NV	5,587
NY	31,410
OH	18,161
OK	5,004
OR	6,722
PA	23,568
RI	3,145
SC	7,033
SD	651
TN	8,732
TX	51,277

STATE	UIO
UT	6,448
VA	20,996
VT	1,858
WA	12,663
WI	10,294
WV	3,116
WY	619

(Number and Identification of Covered Vehicles Continued . . . )

**Corolla and Corolla Matrix Vehicles 2007-2008 Model Year (Phase 2)**

STATE	UIO								
AK	383	HI	192	MI	4,465	NV	4,048	UT	4,216
AL	5,233	IA	3,159	MN	7,367	NY	22,835	VA	13,979
AR	3,096	ID	1,431	MO	6,174	OH	13,125	VT	1,551
AZ	8,970	IL	16,273	MS	2,191	OK	3,751	WA	8,285
CA	75,975	IN	5,584	MT	727	OR	4,956	WI	8,318
CO	5,070	KS	3,152	NC	13,102	PA	16,800	WV	2,502
CT	5,216	KY	5,528	ND	474	RI	2,385	WY	429
DC	774	LA	5,955	NE	1,356	SC	5,110		
DE	1,124	MA	16,079	NH	3,432	SD	534		
FL	38,902	MD	12,278	NJ	13,067	TN	5,639		
GA	12,029	ME	2,453	NM	2,522	TX	37,826		

**4. Remedy Procedures**

For additional information on inspection and repair please refer to TIS.

*Conduct all applicable, non-completed Safety Recall and Service Campaigns on the vehicle during the time of appointment.*

**5. Parts Ordering**

The necessary parts can be ordered through your dealership's facing PDC. Parts have been placed on Manual Allocation and will be released daily per chart (1). Additional ordering instructions will be sent in a separate communication.

**Chart (1) Phase I 2005 – 2006 Corolla and Corolla Matrix**

Service Kit Part Number	Part Description	Order Qty.	Order Freq.	Special Request Quantity	Special Request Frequency	Maximum Weekly Allocation
04000-46902	Corolla ECU, AT, equipped w/ VSC	1	Weekly	1	Weekly	2
04000-47202	Corolla Matrix ECU AT, equipped w/ VSC	1	Weekly	1	Weekly	2
04000-47302	Corolla Matrix ECU AT, <b>NOT</b> equipped w/ VSC	1	Weekly	1	Weekly	2
04000-47402	Corolla and Corolla Matrix ECU, MT, <b>NOT</b> equipped w/ VSC	1	Weekly	1	Weekly	2

Additionally, NAPO will continue to release orders for part number 89661-02K22 until inventory has been depleted. NAPO will advise dealers via dealer daily message system when the new service kit part number will be available for order. Please refer to **Chart (2)**.

**Chart (2) Phase I 2005 – 2006 Corolla and Corolla Matrix**

Service Replacement Part Number	Service Kit Part Number	Part Description	Order Qty.	Order Freq.	Special Request Quantity	Special Request Frequency	Maximum Weekly Allocation
89661-02K22	*04000-47102	Corolla ECU AT, <b>NOT</b> equipped w/ VSC	5	Daily	1	Daily	30

**\*NAPO will advise when to order the new Service Kit Part Number**

In order to assist dealerships in researching vehicle specific requirements and provide order status information, the following tool has been developed:

- Log-on to the following website using your dealer code and existing password, and enter the VIN to research the appropriate part kits. If you do not have an existing password, please use "xxxxx".  
<http://toyotaa0j.imagespm.info/>

**Note:**

- **The website is for part(s) application reference only and will not order the part nor will it confirm campaign completion status.**
- **The website will only reflect the Service Kit Part Numbers. Although you may be able to use the Service Replacement Part Number, it is not reflected on the website. Please use the following table for reference if necessary:**

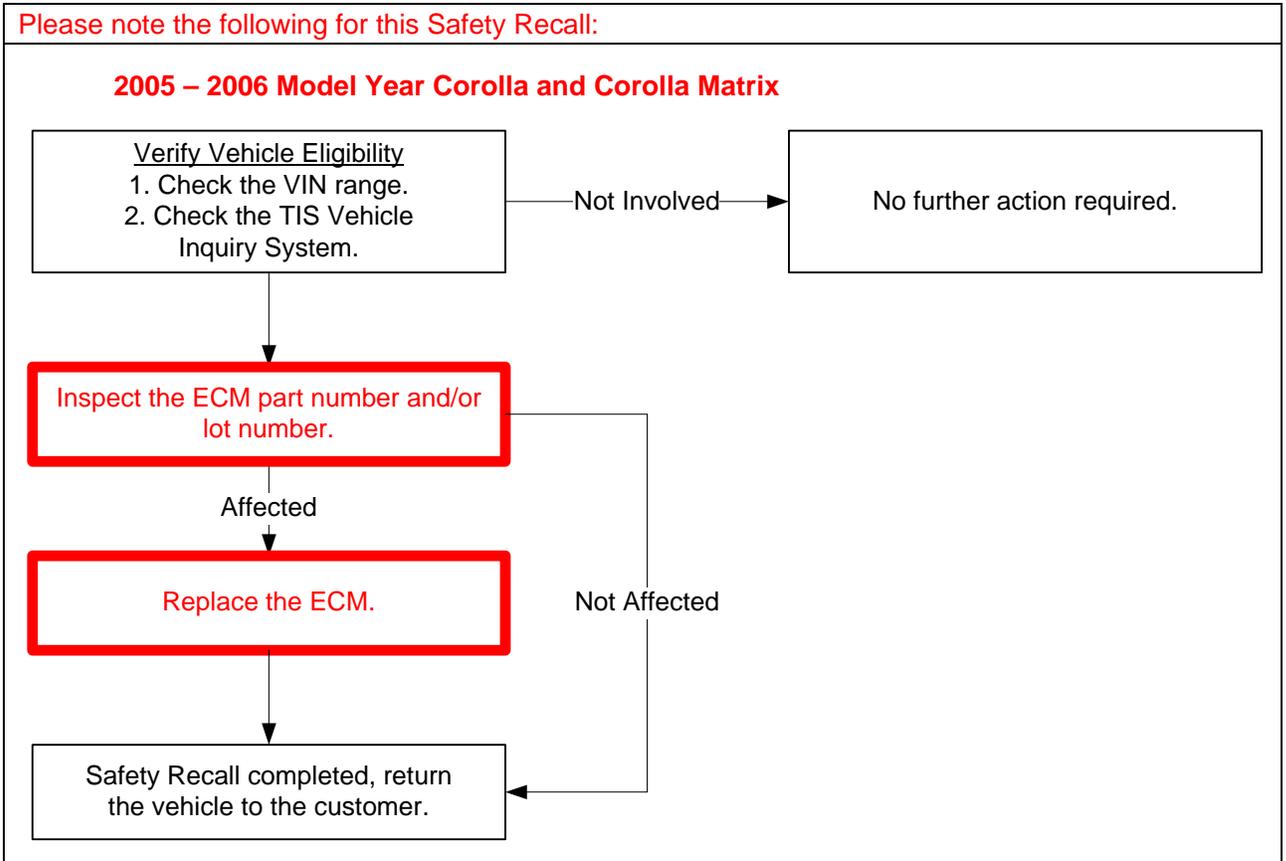
Model Year	Model	Transmission	VSC	Part Number	
				Service Kit	Service Repl.
2005 through 2006	Corolla	AT	Equipped	04000-46902	89661-02K12
		AT	Not Equipped	04000-47102	89661-02K22
	Matrix	AT	Equipped	04000-47202	89661-02K32
		AT	Not Equipped	04000-47302	89661-02K42
	Corolla / Matrix	MT	Not Equipped	04000-47402	89661-02K52

- Only a small number of vehicle will need part number 04000-46902 or part number 04000-47202. Please confirm the inspection result and with the website prior to ordering these parts.

**IMPORTANT PARTS ORDERING REMINDER**

*Effective March 1, 2009, Safety Recall, Service Campaign (SSC/LSC) and Customer Support Program (CSP) parts do not earn Parts Return Credit Accrual and are not returnable under the Monthly Return Program. It is recommended that you order these parts based on appointments or immediate customer needs using a "Sell One-Buy One" ordering pattern. Please refer to PANT Bulletin 09-12 for additional details.*

**6. Warranty Processor Instructions**



(Warranty Processor Instructions Continued . . . )

**2005 – 2006 Model Year Corolla and Corolla Matrix Vehicles**

Safety Recall #	Op. Code	Description	Flat Rate Hour
A0J	0519H1	• Inspect the ECM Part Number and Lot Number – <b>Inspection OK</b>	0.2 hr/vehicle
	0519H2	• Inspect the ECM Part Number and Lot Number – <b>Inspection NG</b> • Replace the ECM	0.7 hr/vehicle

- The above flat rate times include 0.1 hours for administrative cost per unit for the dealership.
- Rental Car: Use "RT" sublet type for Op. Code 0519H2. Customer rental car through the Toyota-Rent-A-Car (TRAC) Program is available for a maximum of 3 days at a maximum rate of \$35 per day. Rental vehicles must be authorized by a DSPM or the CEC.

The interim inspection procedure, A1J, is now superseded by Safety Recall A0J. All A1J procedures for Phase I (2005 through 2006 model year vehicles) must be completed by November 30, 2010. All Claims for A1J Phase I vehicles must be submitted no later than December 30, 2010.

The following part numbers may be used on the Safety Recall claim. Please refer to the model, model year and equipment application:

Model Year	Model	Transmission	VSC	Part Number	
				Service Kit	Service Repl.
2005 through 2006	Corolla	AT	Equipped	04000-46902	89661-02K12
		AT	Not Equipped	04000-47102	89661-02K22
	Matrix	AT	Equipped	04000-47202	89661-02K32
		AT	Not Equipped	04000-47302	89661-02K42
	Corolla / Matrix	MT	Not Equipped	04000-47402	89661-02K52

**7. Customer Handling**

Please consider this Safety Recall a great opportunity to focus on assuring customers that their safety remains Toyota’s highest priority. Customers who receive the owner letter may contact your dealership with questions regarding the letter and/or Safety Recall remedy. Please welcome them to your dealership and answer any questions they may have. A Q&A is provided to assure a consistent message is communicated.

Certain customer vehicles may require an inspection first and then a second visit to install the ECM. Please be sure to confirm the part number and part availability prior to setting the appointment for the second visit. Toyota Rent-A-Car is available. Please see the Warranty Section for details.

Customers with additional questions or concerns are asked to please contact the Toyota Customer Experience Center (1-888-270-9371).

**8. Media Contacts**

For ***News media inquiries only***:

It is imperative that all media contacts (local and national) receive a consistent message. In this regard, ***all media contacts*** must be directed to Brian Lyons (310) 468-2552, in Corporate Communications. (Please do not provide these numbers to customers or direct dealership associates to call).

***Please review this entire package with your Service and Parts staff to familiarize them with the proper step-by-step procedures required to implement this Safety Recall.***

Thank you for your cooperation.  
TOYOTA MOTOR SALES, U.S.A., INC.

**Certain 2005 through 2008 Corolla and Matrix Vehicles  
Engine Control Module (ECM)  
SAFETY RECALL NOTICE (*Replacement Parts Now Available*)**

[VIN]

Dear Toyota Owner:

This notice is being sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Toyota has decided that a defect, which relates to motor vehicle safety, exists in the Engine Control Module (ECM) for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive.

**What is the condition?**

The ECM for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive may have been improperly manufactured. There is a possibility that a crack may develop at certain solder points or on varistors on the circuit board. In most cases, if a crack occurs at certain points or on certain varistors, the engine warning lamp could be illuminated\*, harsh shifting could result, or the engine may not start. In limited instances, if cracking occurs on particular solder points or varistors, the engine could stop while the vehicle is being driven which may increase the risk of a crash.

*\*Please note the engine warning lamp may illuminate for reasons unrelated to this condition.*

**What is Toyota going to do?**

***The replacement part for your vehicle is now available.*** Any Toyota dealer will inspect the part number and the lot number located on the ECM. If the ECM is found to be one that requires replacement, the dealer will do so at **NO CHARGE** to you.

**What should you do?**

***This is an important Safety Recall***

Please contact your authorized Toyota dealer to make an appointment to have this important remedy performed on your vehicle as soon as possible.

The ECM replacement will take approximately one hour. However, depending on the dealer's work schedule, it may be necessary to make your vehicle available for a longer period of time.

**You do not need an owner letter to have this recall completed; however, to assist the dealer in confirming vehicle eligibility, we request that you present this notice at the time of your service appointment.**

If you would like to update your vehicle ownership or contact information, please go to [www.toyota.com/ownersupdate](http://www.toyota.com/ownersupdate). You will need your full 17-digit Vehicle Identification Number (VIN) to input the new information.

**What if you have other questions?**

***Your local Toyota dealer will be more than happy to answer any of your questions and set up an appointment to perform this Safety Recall.*** If you require further assistance, you may contact the Toyota Customer Experience Center at 1-888-270-9371 Monday through Friday, 5:00 am to 6:00 pm, Saturday 7:00 am through 4:00 pm Pacific Time.

If you believe that the dealer or Toyota has failed or is unable to remedy the defect within a reasonable time, you may submit a complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey

Avenue S.E., Washington, DC 20590 or call the toll free Vehicle Safety Hot Line at 1-888-327-4236 (TTY: 1-800-424-9153), or go to <http://www.safercar.gov>.

**What if you have previously paid for repairs to your vehicle for this specific condition?**

If you have previously paid for repair to your vehicle for this specific condition prior to receiving this letter, please mail a copy of your repair order, proof-of-payment and proof-of-ownership to the following address for reimbursement consideration:

Toyota Motor Sales, U.S.A., Inc  
Toyota Customer Experience, WC 10  
19001 South Western Avenue  
Torrance, CA 90509

Include your name, address, and telephone number(s) in your request. Please allow us 6-8 weeks to process your request.

If you are a vehicle lessor, Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the vehicle lessee within ten days of your receipt of this letter.

Thank you for driving a Toyota.

Sincerely,  
TOYOTA MOTOR SALES, U.S.A., INC.

SAMPLE



**Voluntary Safety Recall Campaign**

**Certain 2005 through 2008 Toyota Corolla and Corolla Matrix 2WD Vehicles Equipped with a 1ZZ-FE Engine Engine Control Module (ECM) – Q&A for *Remedy Notice***

**Q1: What is the condition?**

A1: The ECM for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive may have been improperly manufactured. There is a possibility that a crack may develop at certain solder points or on varistors on the circuit board. In most cases, if a crack occurs at certain points or on certain varistors, the engine warning lamp could be illuminated\*, harsh shifting could result, or the engine may not start. In limited instances, if cracking occurs on particular solder points or varistors, the engine could stop while the vehicle is being driven which may increase the risk of a crash.  
*\*Please note the engine warning lamp may illuminate for reasons unrelated to this condition*

**Q1a: What is a varistor?**

A1a: A varistor is an electronic component used to protect circuits against excessive voltage.

**Q1b: Are Corolla Matrix AWD vehicles covered by this Safety Recall?**

A1b: No. A different ECM is installed in Corolla Matrix AWD vehicles.

**Q1c: Are Corolla or Corolla Matrix vehicles equipped with a 2ZZ-FE engine covered by this Safety Recall?**

A1c: No. A different ECM is installed in Corolla and Corolla Matrix vehicles equipped with a 2ZZ-FE engine.

**Q2: What is the cause of this condition?**

A2: The ECM in the covered vehicles may have been improperly manufactured.

**Q3: Are there any warnings that this condition has occurred?**

A3: If this condition occurs, in most of the cases, the check engine light will illuminate. Harsh shifting may also occur. However, there may be some cases where the check engine light does not illuminate or harsh shifting will not occur.

**Q4: What is Toyota going to do?**

A4: Owners of vehicles covered by this Safety Recall will receive a notification by first class mail beginning in late November 2010, advising owners that parts are available. The owner notifications will be mailed in two phases consistent with parts availability and repair capacity. Any Toyota dealer regardless of whether an owner has received a Safety Recall notification or not will replace the ECM at NO CHARGE to the vehicle owner.

**Q4a: When does Toyota anticipate the second phase of the mailing to begin?**

A4a: Toyota will begin mailing the second phase of the owner notifications in February 2011, advising owners that the replacement parts are available.

**Q5: Which and how many vehicles are involved?**

A5: There are approximately 1.13 million Corolla and Corolla Matrix (2005 through 2008 model year) vehicles covered by this voluntary Safety Recall.

	2005 MY	2006 MY	2007 MY	2008 MY	Total
<b>Corolla 2WD</b>	330,755	257,453	230,356	166,330	984,894
<b>Corolla Matrix 2WD</b>	54,639	34,978	30,763	23,385	143,765

**Q6: What is the production period of the affected vehicles?**

A6: The vehicles covered by this Safety Recall were produced from April, 2004 to January, 2008.

**Q7: Are there any other Toyota or Lexus vehicles covered by this Safety Recall?**

A7: No. Only certain 2005 through 2008 Toyota Corolla & Corolla Matrix 2WD vehicles equipped with a 1ZZ-FE engine.

**Q7a: What are the various trim levels for Corolla and Corolla Matrix?**

A7a:

**Vehicles Covered by the Safety Recall**

Model	Trim	Engine	Trans
Corolla '05 – '08	4-Door Sedan CE	4 Cylinder 1ZZ-FE	4AT / 5MT
	4-Door Sedan LE	4 Cylinder 1ZZ-FE	4AT / 5MT
	4-Door Sedan S	4 Cylinder 1ZZ-FE	4AT / 5MT
Matrix '05 – '08	4-Door Wagon (Base)	4 Cylinder 1ZZ-FE	4AT / 5MT
	4-Door Wagon XR	4 Cylinder 1ZZ-FE	4AT / 5MT

**Vehicles Not Covered**

Model	Trim	Engine	Trans
Corolla '05 – '06	4-Door Sedan XRS	4 Cylinder 2ZZ-GE	6MT
Matrix '05 – '06	4-Door Wagon Base <b>AWD</b>	4 Cylinder 1ZZ-FE	4AT
	4-Door Wagon XR <b>AWD</b>	4 Cylinder 1ZZ-FE	4AT
	4-Door Wagon XRS	4 Cylinder 2ZZ-GE	6MT

**Q8: What if an owner has previously paid for the replacement of the ECM to address this specific condition?**

A8: Owners that have previously paid for replacement of the ECM to address this specific condition should refer to the owner letter for reimbursement consideration instructions.

**Q9: What if an owner has additional questions or concerns?**

A9: Owners with additional questions or concerns are asked to please contact the Toyota Customer Experience Center at 1-888-270-9371 Monday through Friday, 5:00 am to 6:00 pm, or Saturday 7:00 am through 4:00 pm Pacific Time.

**TECHNICAL INSTRUCTIONS**

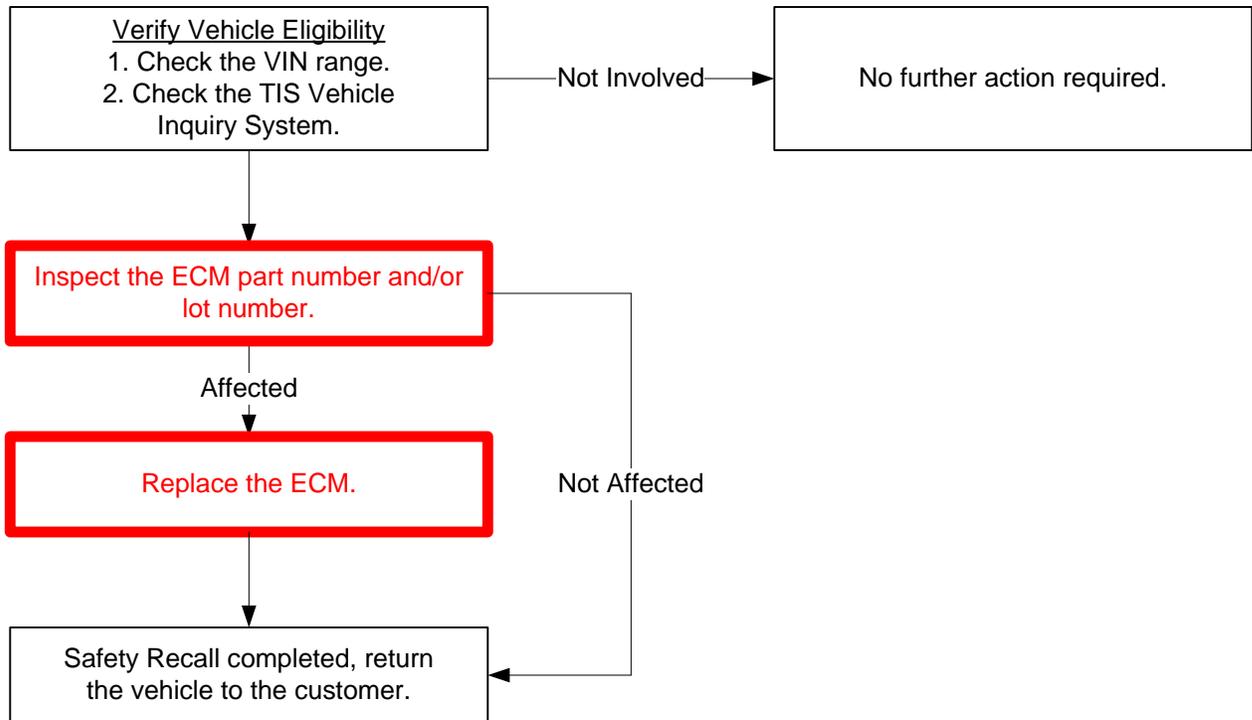
**FOR**

**SAFETY RECALL A0J**

**ENGINE CONTROL MODULE (ECM) REPLACEMENT**

**2005 – 2008 MODEL YEAR COROLLA & MATRIX**

## I. OPERATION FLOWCHART



## II. IDENTIFICATION OF AFFECTED VEHICLES

### A. AFFECTED VIN RANGE

Model	WMI	Year	VIN Range			
			VDS	Range		
COROLLA	JTD	2005	BR32E	0053035 – 0057415		
				2048917 – 2067858		
				2006	0057243 – 0100017	
		2007		0098045 – 0137755		
				2005	BR30E	Z342405 – Z568014
						Z568023 – Z764634
	Z764644 – Z936901					
	Z000037 – Z999992					
	2006	BR32E	Z342399 – Z568020			
			Z568021 – Z764643			
			Z764645 – Z936908			
			Z000000 – Z999999			
	2T1	2005	BR30E	C316577 – C558528		
				C558458 – C712364		
				C712409 – C855660		
				C852673 – C939838		
		2006	BR32E	C318782 – C558444		
				C556068 – C712373		
				C712376 – C855688		
				C855691 – C939842		

**AFFECTED VIN RANGE CONTINUED...**

Model	WMI	Year	VIN Range	
			VDS	Range
MATRIX	2T1	2005	KR30E	C318793 – C553980
		2006		C554043 – C624052
		2007		C624073 – C686136
		2008		C684705 – C720556
		2005	KR32E	C318785 – C554037
		2006		C552897 – C624055
		2007		C622774 – C686144
		2008		C686148 – C720560

**NOTE:**

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

**III. PREPARATION**

**A. PARTS**

Model	Year	Transmission	Part Number	Description	Qty.
Corolla	2005 – 2007	AT with VSC	04000-46902	Computer, Engine Control	1
		AT without VSC	04000-47102	Computer, Engine Control	1
Matrix	2005 – 2007	AT with VSC	04000-47202	Computer, Engine Control	1
		AT without VSC	04000-47302	Computer, Engine Control	1
Corolla & Matrix	2005 – 2007	MT without VSC	04000-47402	Computer, Engine Control	1
Corolla	2008	AT with VSC	04000-46102	Computer, Engine Control	1
		AT without VSC	04000-46202	Computer, Engine Control	1
Matrix	2008	AT with VSC	04000-46302	Computer, Engine Control	1
		AT without VSC	04000-46402	Computer, Engine Control	1
Corolla & Matrix	2008	MT without VSC	04000-46502	Computer, Engine Control	1

**B. TOOLS, EQUIPMENT & MATERIALS**

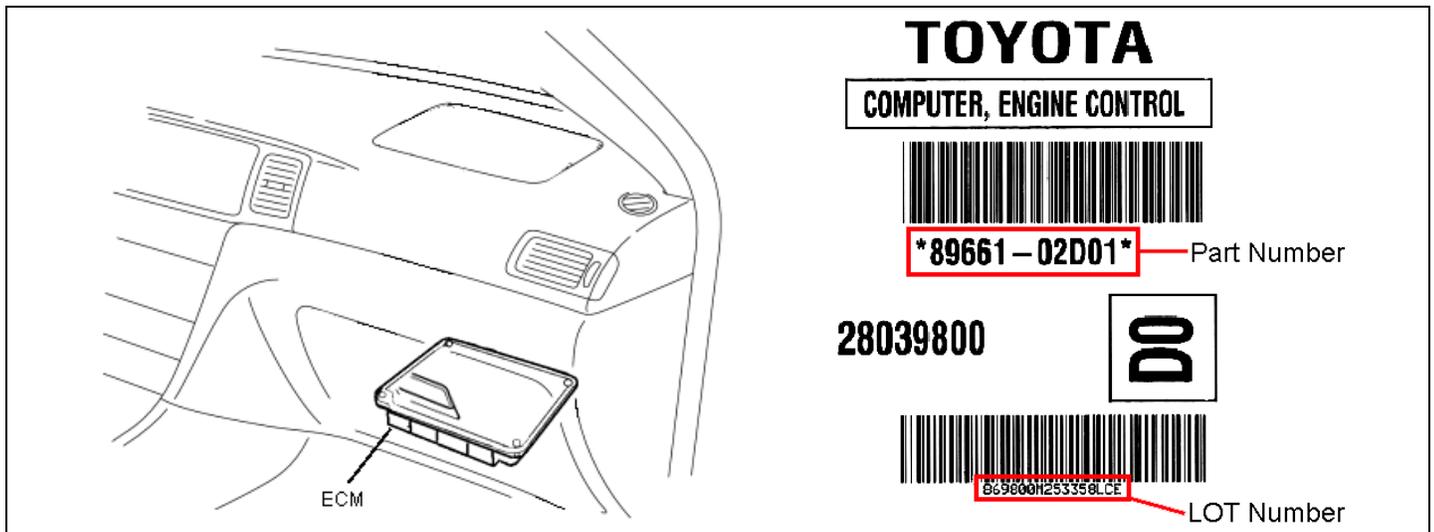
- Nylon Pry Tools
- Standard Hand Tools
- Techstream

**IV. BACKGROUND**

The Engine Control Module (ECM) for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive may have been improperly manufactured. There is a possibility that a crack may develop at certain solder points or on varistors on the circuit board. In most cases, if a crack occurs at certain points or on certain varistors, the engine warning lamp could be illuminated, harsh shifting could result, or the engine may not start. In limited instances, if cracking occurs on particular solder points or varistors, the engine could stop while the vehicle is being driven.

## V. WORK PROCEDURE

### A. ECM PART NUMBER AND/OR LOT NUMBER INSPECTION



1. Locate the ECM under the glove box compartment.
2. Confirm the ECM part number to determine the required action.

Part Number	Action	New Part Number
89661-0112#	Replace the ECM	04000-47202
89661-0113#	Replace the ECM	04000-47302
89661-02C0#	Replace the ECM	04000-46902
89661-02C1#	Replace the ECM	04000-47102
89661-02C9#	Replace the ECM	04000-46902
89661-02D0#	Replace the ECM	04000-47102
89661-02D1#	Replace the ECM	04000-47402
89661-02D4#	Replace the ECM	04000-47202
89661-02D5#	Replace the ECM	04000-47302
89661-02K10	Replace the ECM	04000-46902
89661-02K11	Confirm the LOT Number	04000-46902
89661-02K12	No further action required	N.A.
89661-02K20	Replace the ECM	04000-47102
89661-02K21	Confirm the LOT Number	04000-47102
89661-02K22	No further action required	N.A.
89661-02K30	Replace the ECM	04000-47202
89661-02K31	Confirm the LOT Number	04000-47202
89661-02K32	No further action required	N.A.

Part Number	Action	New Part Number
89661-02K40	Replace the ECM	04000-47302
89661-02K41	Confirm the LOT Number	04000-47302
89661-02K42	No further action required	N.A.
89661-02K50	Replace the ECM	04000-47402
89661-02K51	Confirm the LOT Number	04000-47402
89661-02K52	No further action required	N.A.
89661-02Q90	Confirm the LOT Number	04000-46102
89661-02Q91	No further action required	N.A.
89661-02R00	Confirm the LOT Number	04000-46202
89661-02R01	No further action required	N.A.
89661-02R10	Confirm the LOT Number	04000-46502
89661-02R11	No further action required	N.A.
89661-02R40	Confirm the LOT Number	04000-46302
89661-02R41	No further action required	N.A.
89661-02R50	Confirm the LOT Number	04000-46402
89661-02R51	No further action required	N.A.
89661-0Z04#	Replace the ECM	04000-47402

# - Can be any number

### 3. Confirm the LOT number (if required)

- Use the 9<sup>th</sup> through 12<sup>th</sup> digits as highlighted in the example shown, 869800M2 **5335** 8LCE.

For **OK** LOT Numbers **7227** and higher:

- No further action required.

For **NG** LOT Numbers **7226** and lower:

- Replace the ECM.

## B. ECM REPLACEMENT (IF REQUIRED)

### 1. REPLACE THE ECM

- a) Follow the **ECM Replacement (Removal and Installation)** procedure outlined in the repair manual on TIS for the vehicle you are working on.

**NOTE:**

As required by Federal Regulations, please make sure all recalled parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, ***unless requested for parts recovery return.***

### 2. REGISTER THE VIN

- a) Connect the Techstream to the DLC3.
- b) Enter the following menu: Powertrain / Engine and ECT / Utility / VIN / VIN Write.

**- CAMPAIGN COMPLETE -**

Tyson Siekiera / TMS Toyota Customer Services  
Product Quality and Service Support, Quality Compliance  
November 22, 2010  
Approved By: Bob Waltz

To: All Toyota Dealers  
From: Toyota Customer Services

**Safety Recall – A0J Phase 1 (2005 through 2006 Model Years)  
Certain 2005 through 2008 Toyota Corolla and Corolla Matrix 2WD Vehicles Equipped with a 1ZZ-FE  
Engine Control Module (ECM) Replacement  
\*\*\*\*\*URGENT\*\*\*\*\***

As communicated on August 26, 2010, Toyota filed a Defect Information Report (DIR) with the National Highway Traffic Safety Administration (NHTSA) informing the agency of our intent to conduct a voluntary Safety Recall on certain 2005 through 2008 model year Toyota Corolla and Corolla Matrix vehicles.

The ECM for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive may have been improperly manufactured. There is a possibility that a crack may develop at certain solder points or on varistors on the circuit board. In most cases, if a crack occurs at certain points or on certain varistors, the engine warning lamp could be illuminated\*, harsh shifting could result, or the engine may not start. In limited instances, if cracking occurs on particular solder points or varistors, the engine could stop while the vehicle is being driven which may increase the risk of a crash.

*\*Please note the engine warning lamp may illuminate for reasons unrelated to this condition.*

- **Toyota has completed preparations for this condition and will begin notifying owners in late-November 2010.**
- A Dealer Letter containing additional information has been posted on TIS.
- ***Please refer to TIS for vehicle applicability and additional information.***

**Customer and Media Contacts**

- A Q&A has been attached for your use in the event you receive a customer contact. If a customer has further questions, please direct the inquiry to the Toyota Customer Experience Center at 1-800-331-4331.
- If you are a dealership associate and have any questions, please contact your District Service/Parts Manager.
- ***In the event you are contacted by the News media***, it is imperative that all media contacts (local and national) receive a consistent message. Please direct all media contacts to Brian Lyons (310) 468-2552 in Toyota Corporate Communications. (Please do not provide these numbers to customers or call if you are a dealer associate. Please provide these contacts to only media associates.)

**AFFECTED VIN RANGE CONTINUED...**

Model	WMI	Year	VIN Range	
			VDS	Range
MATRIX	2T1	2005	KR30E	C318793 – C553980
		2006		C554043 – C624052
		2007		C624073 – C686136
		2008		C684705 – C720556
		2005	KR32E	C318785 – C554037
		2006		C552897 – C624055
		2007		C622774 – C686144
		2008		C686148 – C720560

**NOTE:**

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Safety Recall, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not affected or were completed by another dealer.

**III. PREPARATION**

**A. PARTS**

Model	Year	Transmission	Part Number	Description	Qty.
Corolla	2005 – 2007	AT with VSC	04000-46902	Computer, Engine Control	1
		AT without VSC	04000-47102	Computer, Engine Control	1
Matrix	2005 – 2007	AT with VSC	04000-47202	Computer, Engine Control	1
		AT without VSC	04000-47302	Computer, Engine Control	1
Corolla & Matrix	2005 – 2007	MT without VSC	04000-47402	Computer, Engine Control	1
Corolla	2008	AT with VSC	04000-46102	Computer, Engine Control	1
		AT without VSC	04000-46202	Computer, Engine Control	1
Matrix	2008	AT with VSC	04000-46302	Computer, Engine Control	1
		AT without VSC	04000-46402	Computer, Engine Control	1
Corolla & Matrix	2008	MT without VSC	04000-46502	Computer, Engine Control	1

**B. TOOLS, EQUIPMENT & MATERIALS**

- Nylon Pry Tools
- Standard Hand Tools
- Techstream

**IV. BACKGROUND**

The Engine Control Module (ECM) for certain 2005 through 2008 Toyota Corolla and Corolla Matrix models equipped with the 1ZZ-FE engine and two-wheel drive may have been improperly manufactured. There is a possibility that a crack may develop at certain solder points or on varistors on the circuit board. In most cases, if a crack occurs at certain points or on certain varistors, the engine warning lamp could be illuminated, harsh shifting could result, or the engine may not start. In limited instances, if cracking occurs on particular solder points or varistors, the engine could stop while the vehicle is being driven.



November 22, 2010

To: Toyota Parts Manager

Subject: Safety Recall – A0J  
Certain 2005 through 2008 Toyota Corolla and Corolla Matrix Vehicles Equipped with 1ZZ-FE Electronic Control Module (ECM)  
**Remedy Procedure – Phase 1 (2005 – 2006 model year)**

Toyota will begin transitioning to new service kit parts for Safety Recall A0J effective Tuesday, November 23<sup>rd</sup>. NAPO Special Activities will begin releasing orders based on the order criteria for new service kit parts illustrated in **Chart (1)**. Dealer order allocation will increase mid-December when additional inventory is received from supplier.

**Chart (1) Phase I 2005 – 2006 Corolla and Corolla Matrix**

Service Kit Part Number	Part Description	Order Qty.	Order Freq.	Special Request Quantity	Special Request Frequency	Maximum Weekly Allocation
04000-46902	Corolla ECU, AT, equipped w/ VSC	1	Weekly	1	Weekly	2
04000-47202	Corolla Matrix ECU AT, equipped w/ VSC	1	Weekly	1	Weekly	2
04000-47302	Corolla Matrix ECU AT, <b>NOT</b> equipped w/ VSC	1	Weekly	1	Weekly	2
04000-47402	Corolla and Corolla Matrix ECU, MT, <b>NOT</b> equipped w/ VSC	1	Weekly	1	Weekly	2

Additionally, NAPO will continue to release orders for part number 89661-02K22 until inventory has been depleted. NAPO will advise dealers via dealer daily message system when the new service kit part number will be available for order. Please refer to **Chart (2)**.

**Chart (2) Phase I 2005 – 2006 Corolla and Corolla Matrix**

Service Replacement Part Number	Service Kit Part Number	Part Description	Order Qty.	Order Freq.	Special Request Quantity	Special Request Frequency	Maximum Weekly Allocation
89661-02K22	*04000-47102	Corolla ECU AT, <b>NOT</b> equipped w/ VSC	5	Daily	1	Daily	30

**\*NAPO will advise when to order the new Service Kit Part Number**

**Additional Ordering Instructions:**

1. Dealer order quantities that exceed the above criteria will be canceled daily.
2. Dealer orders that are submitted in excess of the daily allocation will be canceled daily.
3. Dealers requiring additional inventory will need to contact their Facing PDC Customer Support Leader and request a Special Request for additional inventory.
4. Additional inventory will be limited to the criteria listed above.
5. Orders for approved additional requests submitted by Facing PDC Customer Support Leaders will be placed by the Special Activity Team. The Special Activity Team will provide the order reference to the Facing PDC Customer Support Leader on the Special Request form once the order has been released.
6. Dealers should place their orders the night before they place their regular daily order, this will allow the Special Activity Team time to review and release the order before the PDC processes their daily shipment.

If you have any questions or specific dealer allocation issues, please feel free to contact your PDC Customer Support Leader.

Thank you,