



Technical Service BULLETIN

March 23, 2004

Title:

**M.I.L. "ON" DTC P0748, P0798, P0985
OR P0986**

Models:

'04 Sienna

TC001-04

TRANSMISSION & CLUTCH

Introduction Some 2004 model year Sienna vehicles may exhibit a M.I.L. "ON" condition with one of the following DTCs:

- P0748 (Pressure Control Solenoid "A" Electrical– SLT Solenoid)
- P0798 (Pressure Control Solenoid "C" Electrical – SL3 Solenoid)
- P0985 (Shift Solenoid "E" Control Circuit Low– SR Solenoid)
- P0986 (Shift Solenoid "E" Control Circuit High – SR Solenoid)

One of these codes may be stored as a result of Engine Control Module or ECM (SAE term: Powertrain Control Module/PCM) manufacturing issues. Replacement of the ECM will correct this condition.

**Applicable
Vehicles**

- **2004** model year **Sienna** vehicles produced **BEFORE** the Production Change Effective VINs shown below.

**Production
Change
Information**

MODEL	TYPE	ENGINE	PRODUCTION CHANGE EFFECTIVE VIN
Sienna	2WD	3MZ-FE	5TDZA2#C*4S117461
	4WD		5TDBA2#C*4S013796

**Warranty
Information**

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
895011	R & R ECM (2WD)	0.4	89661-08090 89661-08091 89661-08092	95	71
	R & R ECM (4WD)	0.4	89661-08100 89661-08101 89661-08102		

Applicable Warranty*:

This repair is covered under the Toyota Specified Major Emission Control Component 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.



**Parts
Information**

MODEL	PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
Sienna 2WD	89661-08090 89661-08091 89661-08092	89661-08092	Computer, Engine Control	1
Sienna 4WD	89661-08100 89661-08101 89661-08102	89661-08102	Computer, Engine Control	1

**Required
SSTs**

SPECIAL SERVICE TOOLS (SSTs)	PART NUMBER	QUANTITY
Toyota Diagnostic Tester Kit* 	01001271	1
12 Megabyte Diagnostic Tester Program Card with version 10.2a Software (or later)* 	01002593-005	1

* Essential SSTs.

NOTE:

Additional Diagnostic Tester Kits, Program Cards or other SSTs may be ordered by calling SPX/OTC at 1-800-933-8335.

**Required
Tools &
Material**

TOOLS & MATERIAL	QUANTITY
Digital Volt Ohmmeter	1

**Repair
Procedure**

1. Follow repair manual diagnostics for applicable DTC (P0748, P0798, P0985 or P0986). Refer to the Technical Information System (TIS) 2004 model year Sienna Repair Manual: *Diagnostics: SFI system: P0748 or P0798 or P0985 or P0986*.
2. If circuit tests OK per repair manual – replace the ECM.