



Technical Service BULLETIN

June 29, 2006

Title:

ELECTRIC POWER STEERING: M.I.L. "ON" DTC U0105 & U0121

Models:

'06 RAV4

STEERING
ST005-06

Introduction Some 2006 model year RAV4 vehicles may exhibit an Electric Power Steering (EPS) M.I.L. "ON" condition with the following DTCs:

- U0105 — Lost communication with the Fuel Injector Control Module
- U0121 — Lost communication with the Anti-lock Brake System (ABS) Control Module

The power steering computer assembly has been modified to correct this condition.

NOTE:

Both DTCs **MUST** be present for this TSB to be applicable.

**Applicable
Vehicles**

- **2006** model year **RAV4** vehicles produced **BEFORE** the Production Change Effective VINs shown below.

**Production
Change
Information**

MODEL	ENGINE	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
RAV4	2AZ-FE	2WD	JTMZD33V365019416
			JTMZD31V166011960
		AWD	JTMBD33V965030793
			JTMBD33V866013395
	2GR-FE	2WD	JTMZK32V865002845
			JTMZK32V966001388
		AWD	JTMBK35V565006655
			JTMBK35V566004899

**Parts
Information**

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
89650-42040	Same	Computer Assembly, Power Steering	1

**Warranty
Information**

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
ST5005	R & R Power Steering ECU	2.3	89650-42040	8C	71



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 correction of a problem based upon a customer's specific complaint.



**Required
SSTs**

ITEM NO.	SPECIAL SERVICE TOOLS (SSTs)	PART NUMBER	QTY	DRW**
1	Toyota Diagnostic Tester Kit* NOTE: <ul style="list-style-type: none"> All components from this kit/set are required. 12 Megabyte Diagnostic Tester Program Card (P/N 01002593–005) with version 13.3a Software (or later) is required. 	TOY220036	1	9
2	CAN Interface Module Kit* NOTE: <ul style="list-style-type: none"> All components from this kit/set are required. 	01002744	1	9

* Essential SSTs.

** Refers to drawer number in SST Storage System.

NOTE:

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

**Repair
Procedure**

- Using the Diagnostic Tester, check for DTCs in the EPS ECU.
If DTCs U0105 and U0121 are BOTH present and NO other CAN Communication codes are present, replace the power steering ECU.
Refer to the Technical Information System (TIS), 2006 model year RAV4 Repair Manual: *Power Steering: Power Steering ECU: Components, Removal, Installation.*
- Using the Diagnostic Tester, clear all the DTCs.
- Perform a drive test and confirm that NO pending DTCs set.