

SB 630838

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Technical Service BULLETIN

March 22, 2002

Title:

M.I.L. "ON" DTC P0442, P0440

Models:

'02 RAV4

T S B

ENGINE
EG008-02

Introduction Some 2002 model year RAV4 vehicles may exhibit a M.I.L. "ON" with DTC P0442 (Evaporative Emission Control System Malfunction [Small Leak]) and/or DTC P0440 (Evaporative Emission Control System Malfunction). This may be due to slight damage to the Fuel Tank Vent Hose during the assembly process.

Applicable Vehicles

- 2002 model year **RAV4** vehicles assembled at the Shokai assembly plant (11th digit on the VIN is 6) produced BEFORE the Production Change Effective VIN shown below.

Production Change Information

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
RAV4	JTEHH20V126030428

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
77404-42010	Same	Fuel Tank Vent Hose	1

Required Tools & Material

PART NUMBER	TOOLS & MATERIALS	QUANTITY
00002-6872A	EVAP System Pressure Tester	1

Warranty Information

MODEL	OP CODE	DESCRIPTION	TIME	OPN	T1	T2
2WD	EG1005	R & R Fuel Tank Vent Hose Assembly	2.2	77404-42010	64	11
4WD	EG1006		2.8			

Applicable Warranty*:

This repair is covered under the Toyota Federal Emissions Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date. For California specification vehicles registered and operated in California, Massachusetts or Vermont, this repair is covered under the California emissions warranty, which is 36 months or 50,000, 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.



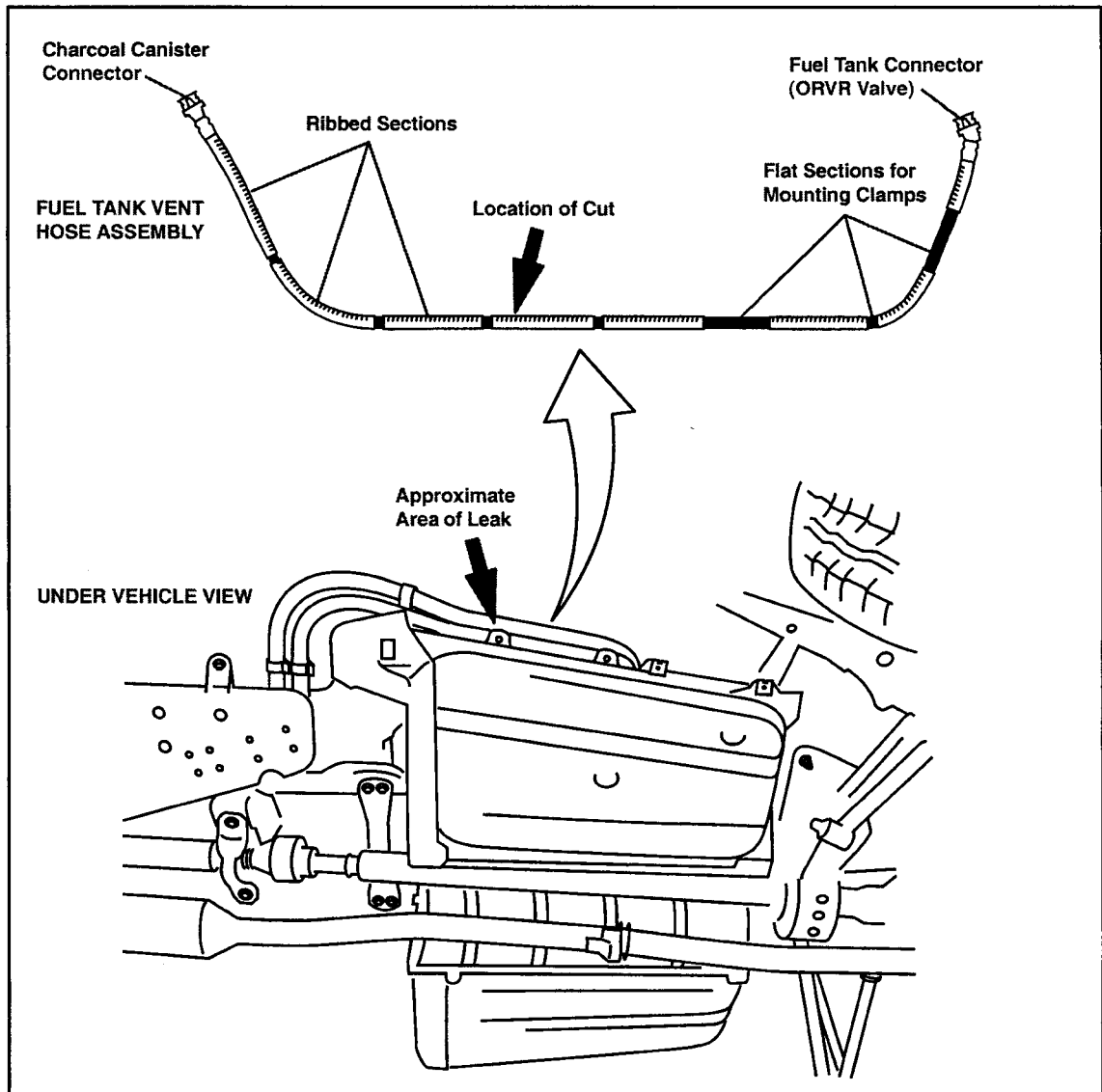
Toyota Supports ASE Certification

Page 1 of 2

630838

**Repair
Procedure**

1. Pressure test the EVAP system to confirm leak from system using the EVAP Pressure Tester (P/N 00002–6872A). (Follow instructions on EVAP Pressure Tester.)
2. Examine the Fuel Tank Vent Hose Assembly **very closely** for a small cut in the 4th ribbed section from the charcoal canister (see illustration).



3. If cut is present, replace the Fuel Tank Vent Hose Assembly (P/N 77404–42010).
4. If no damage is found, perform EVAP system diagnostics for P0440 in the 2002 RAV4 Repair Manual, Volume 1, page DI–74.