

2004 Lexus Truck GX 470 V8-4.7L (2UZ-FE)

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FUEL SYSTEM - MIL ON/DTC'S P0442/P0455/P0456

L-SB-0019-10

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MIL "ON" DTC P0442, P0455, or P0456

Service Category

Engine/Hybrid System

Section

Engine Control

Market

USA

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2003 – 2004	GX470	

Applicability

Introduction

Some 2003 - 2004 model year GX 470 vehicles may exhibit a MIL "ON" condition with one or more of the following DTCs: P0442, P0455 or P0456. Use the repair procedure below to address this condition.

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
77300-33070	77300-47010	Cap Assembly, Fuel Tank w/Tether	1

Parts Information

Warranty Information

APPLICABLE WARRANTY

^ This repair is covered under the Lexus Federal Emission Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.

^ Warranty application is limited to occurrence of the specified condition described in this bulletin.

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* NOTE: Software version 4.21.002 or later is required.	ADE	TSPKG1	1

* Essential SST.

Required Tools & Equipment

Additional TIS Techstream units may be ordered by calling Approved Dealer Equipment (ADE).

Repair Procedure

1.Using TIS Techstream confirm that one or more of the following DTCs are set: P0442 P0455 or P0456.

2.Inspect the fuel cap.

Does it tighten properly?

^ YES - Proceed to step 3.

^ NO - Replace the fuel cap then proceed to step 4.

3.Inspect the EVAP system for the leak source.

Refer to the Technical Information System (TIS) applicable Service Bulletin or Repair Manual:

^ 2003 - 2004 GX 470 Service Bulletin:

TSIB No.EG008-04, "R/M Supplement: LEV II EVAP System Check - DTC P0441, P0442, P0446, P0451, P0452, P0453, P0455 & P0456"

^ GX 470 Repair Manual:

Engine/Hybrid System - Engine Control - "SFI System (2UZ-FE): P0441, P0442, P0446, P0456 Evaporative Emission Control System Leak Detected"

^ GX 470 Repair Manual:

Engine/Hybrid System - Engine Control - "SFI System (2UZ-FE) (from August 2003): P0441, P0442, P0446, P0455,

P0456 Evaporative Emission Control System Leak Detected"

Was the leak source isolated at the fuel cap to filler pipe sealing area?

^ YES - Replace the fuel cap then proceed to step 4.

^ NO - This TSIB does NOT apply - Refer to the Repair Manual for further diagnosis.

4. Clear DTCs. The repair is complete.