

Dtc P2440 Secondary Air Injection System Switching Valve

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Dtc P2440 Secondary Air Injection

MIL ON DTC P2440/P2442

Some 2014 - 2016 model year GX 460 vehicles may exhibit a MIL "ON" condition with Diagnostic Trouble Code (DTC) P2440 (Secondary Air Injection System Switching Valve Stuck Open, Bank 1) or P2442 (Secondary Air Injection System Switching Valve Stuck Open, Bank 2) and under some conditions may enter limp mode (limited throttle input ~ 25mph)

and/or P2442 Secondary Air Injection System - MIL ON ...

Secondary Air Injection System - MIL "ON" DTC P2440 and/or P2442 Warranty Information (Continued) APPLICABLE WARRANTY • This repair is covered under the Toyota Federal Emission Warranty This warranty is in effect for 96 months or 80,000 miles, whichever occurs first, from the vehicle's in-service date

ON DTC P0418, P0419, and/or P244# Secondary Air Injection ...

Secondary Air Injection System - Water Intrusion: MIL "ON" DTC P0418, P0419, and/or P244# Introduction (Continued) • P2445/P2447: Secondary Air Injection System Pump Stuck Off Bank 1/Bank 2 This condition may be caused by water intrusion into the air injection pump assemblies Use the following procedure to address this condition Warranty

P244# Air Injection Pump With Water Intrusion: MIL ON DTC

Air Injection Pump With Water Intrusion: MIL "ON" DTC P244# Repair Procedure 1 Using TIS Techstream, check if DTC P2440, P2441, P2442, P2443, P2446, and/or P2447 are present 2 Using Techstream, perform the manual Air Injection Test (options 1 and 2) to verify if the signal from the air injection control driver is reaching the air pumps

ENGINE (DIAGNOSTICS)(H4DOTC) > Diagnostic Procedure ...

Procedure with Diagnostic Trouble Code (DTC) > DTC P2440 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK OPEN (BANK 1)

2) CHECK HARNESS BETWEEN FUSE BOX AND SECONDARY AIR COMBINATION VALVE RH 1) Remove the secondary air combination valve fuse (10 A) from the fuse box 2) Disconnect the connector from the secondary air combination valve ...

DTC P1442, P1445, P2441: SECONDARY AIR INJECTION ...

Dec 19, 2011 · Refer to DTC P1441, P1444, P2440: SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE NO 2 BANK 1 & 2 STUCK OPEN INSPECTION PROCEDURE CHECK ANY OTHER DTCS OUTPUT (IN ADDITION TO SECONDARY AIR INJECTION SYSTEM DTCS) 1 a Connect a hand-held tester to the DLC3 b Turn the ignition switch to ON and turn the tester ON

DTC P1442 Secondary Air Injection System Switching Valve ...

DTC P1442 Secondary Air Injection System Switching Valve No2 Stuck Close Bank 1 DTC P1445 Secondary Air Injection System Switching Refer to DTC P1441, P1444 and P2440 on page DI-739 INSPECTION PROCEDURE 1 Check any other DTCS output (In addition to secondary air injection ...

DTC P1442 Stuck Close in Secondary Air Injection Vacuum ...

Refer to DTC P1441, P1444 and P2440 (See page ES-304) MONITOR STRATEGY DTC P1442 Stuck Close in Secondary Air Injection Vacuum Switching Valve Bank 1 DTC P1445 Stuck Close in Secondary Air Injection Vacuum Switching Valve Bank 2 DTC P2441 Secondary Air Injection System Switching Valve Stuck Close Bank1 DTC No DTC Detection Condition Trouble

BULLETIN '05 - '07 Sequoia & '05 - '06 Tundra (2UZ-FE ...

If DTC P0418 and/or P2445 are still present after replacing the air injection driver, Procedure inspect the air injection system (Continued) Refer to the Technical Information System (TIS): Secondary Air Injection System Pump Stuck Off Bank 1”

FE) DTC P1442 SECONDARY AIR INJECTION SYSTEM ...

DTC P2441 SECONDARY AIR INJECTION SYSTEM SWITCHING VALVE STUCK CLOSE BANK1 CIRCUIT DESCRIPTION Refer to DTC P0412 on page 05–217 DTC No DTC Detection Condition Trouble Area P1442 Air switching valve No2 (Bank 1) stuck close: Refer to DTC P1441, P1444 and P2440 on page 05–290

Air Injection System - Moisture Intrusion: MIL ON DTC ...

harness connector for the air injection control driver 1 A Air Injection Control Driver B ECM C Front View of Wire Harness Connector 5 Connect Techstream to the DLC3 6 Turn the ignition switch and Techstream ON 7 Enter the following menus: Powertrain - Engine and ECT - Utility - Secondary Air Injection

ON DTC P0418, P0419, and/or P244# Secondary Air Injection ...

1 Using TIS Techstream, check if DTCS P0418, P0419, P2440, P2441, P2442, P2443, P2445, and/or P2447 are present 2 Using TIS Techstream, perform the manual Air Injection Active Test (options 1 and 2) to verify if the signal from the air injection control driver is reaching the air pumps

2UZ-FE ENGINE CONTROL SYSTEM - SFI SYSTEM ES-309

DTC P2440 Secondary Air Injection System Switching Valve Stuck Open Bank1 DTC No DTC Detection Condition Trouble Area P1441 No 2 air switching valve (bank 1) stuck open: The pressure sensor detects exhaust pulsation, when both 2UZ-FE ENGINE CONTROL SYSTEM - SFI SYSTEM

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Technical Service Bulletin

• DTC P2440(00) (Secondary air injection system switching valve stuck open bank1) • DTC P2442(00) (Secondary air injection system switching valve stuck open bank2) Technical Background One of two scenarios can cause this condition: • Scenario A: One of the combi valves is defective • Scenario

B: The vacuum solenoid is defective

DESCRIPTION - JustAnswer

DTC P2441 Secondary Air Injection System Switching Valve Stuck Close Bank1 DTC P2442 Secondary Air Injection System Switching Valve Stuck Open Bank 2 DTC P2443 Secondary Air Injection System Switching Valve Stuck Closed Bank 2 DESCRIPTION Refer to DTC P0412 Click here for more information DTC No DTC Detection Condition Trouble Area P2440 P2442

DTC P2430, P2431, P2432, OR P2433 - JustAnswer

Jan 06, 2012 · DTC P2430, P2431, P2432, OR P2433 DIAGNOSTIC INSTRUCTIONS • Perform the Diagnostic System Check - Vehicle prior to using this diagnostic procedure • Review Strategy Based Diagnosis for an overview of the diagnostic approach • Diagnostic Procedure Instructions provides an overview of each diagnostic category DTC DESCRIPTORS DTC P2430 Secondary Air Injection (AIR...

REQUESTED INFORMATION P0411 - SureTrack

Dec 12, 2014 · The secondary air injection (AIR) system aids in the reduction of hydrocarbon emissions during a cold start DTCs P2430 and P2440 run during Phase 2 3 DTC P2444 runs during Phase 3 During phase 1, both the AIR pump and the solenoid valve are activated Normal secondary air

T-SB-0230-12 Rev1 November 27, 2012 YEAR(S) MODEL(S) ...

• P2440 - Secondary Air Injection System Switching Valve Stuck Open Bank 1 • P1442/P1445 - Secondary Air Injection System Switching Valve No 2 Bank 1 / Bank 2 P2440, P2441, or P2445 are present If DTC is present, refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

T-TCI-3632 SECONDARY AIR INJECTION SYSTEM - WATER ...

T-TCI-3632 Rev 1 December 5, 2011 SECONDARY AIR INJECTION SYSTEM - WATER INTRUSION: MIL "ON" DTC P0418, P0419, AND/OR P244# Service Category Engine/Hybrid System Section Engine Control Market Canada Page 1 of 12 APPLICABILITY:

Initial Inspection and Diagnostic Overview Strategy Based ...

Jun 07, 2012 · The AIR diagnostic uses 3 phases to test the AIR system: 1 DTCs P0411 and P2430 run during Phase 1 2 DTCs P2430 and P2440 run during Phase 2 3 DTC P2444 runs during Phase 3 During phase 1, both the AIR pump and the solenoid valve are activated Normal secondary air function occurs Expected system pressure is 8-10 kPa above BARO