

Dtc P2440 Secondary Air Injection System Switching Valve

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P2440 OBD-II Trouble Code: Secondary Air Injection System ...

Error Code P2440 is defined as Secondary Air Injection System Switching Valve Stuck Open Bank 1. This indicates a stuck open problem in the switching valve of the secondary air injection system in Bank 1.

P2440 - Secondary Air Injection System Switching Valve ...

OBD-II Code P2440 is defined as a Secondary Air Injection System Switching Valve Stuck Open The Secondary Air Injection System pumps outside fresh air into the Exhaust System during cold engine start up. This additional air helps burn up the highly rich exhaust emissions that are produced when the engine is warming up.

Secondary air injection system P2440 and P2442 | Tacoma World

Refer to DTC P2440 (See page ES-356). HINT: Determination by ECM monitoring: The ECM locates malfunctions in the secondary Air Injection (AIR) system by detecting the pressure in the AIR passage between the air pump and Air Switching Valve (ASV) and sets a DTC. Soon after cold engine starts, the monitor runs for a short time while the AIR system is both ON and OFF.

2012 Toyota Tacoma Secondary Air Injection System - MIL ...

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).

Repairing A 2102 Toyota Tacoma See Switching Valve ...

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 ...

P2441 – Secondary air injection (AIR) switching valve ...

P2440 (Secondary Air Injection System Switching Valve Stuck Open Bank 1) P2442 (Secondary Air Injection System Switching Valve Stuck Open Bank 2) P2445 (Secondary Air Injection System Pump Stuck Off) This condition may be caused by air injection pump filter damage.

OBD-II Trouble Code: P0410 Secondary Air Injection System ...

Secondary Air Injection System Air Flow/Pressure Sensor Circuit Bank 1. What does that mean? This is a generic powertrain diagnostic trouble code (DTC) and applies to many OBD-II vehicles (1996-newer). That may include but is not limited to vehicles from Buick, Chevrolet, Cadillac, Lexus, Toyota, BMW, Subaru, etc.

P2430 Secondary Air Injection System Air Flow/Pressure ...

OBD II fault code P2441 is a generic code that is defined as "Secondary air injection (AIR) switching valve, bank 1 "valve stuck closed", and is set when the PCM (Powertrain Control Module) detects a problem with the switching valve that allows ambient air to enter the exhaust manifold to aid in heating up the catalytic converter to ...

P2440 – Secondary air injection (AIR) switching valve ...

In this video I show you how to switch out the Secondary Air Injection Valve on bank 1. This is a 2008 4.7 tundra. The valves tend to get stuck due to water getting in them. This is now the 3rd ...

How to fix code p2440 on your Toyota Tundra!

If you have a 2005-2008 Toyota Tundra 4.7L with a code P2440, p2441, P2442 and/or P2443 you may have a faulty air injection pump, valve and/or leaking supply tubes. Note: Check with your local ...

P2440 OBD-II: Secondary Air Injection System Switching ...

The ECM observes the pressure in the secondary air passage using the pressure sensor located on the air switching valve in the secondary air injection system. The sensor detects an exhaust pressure in the secondary air passage. P2440 TOYOTA More Information Need more information on how to fix the P2440 TOYOTA code?

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

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

P2440 Secondary Air Injection System Switching Valve Stuck ...

When is the P240 code detected? If the Engine Control Module (ECM) receives the pulsation signal from the sensor despite the ECM ordering the VSV to close the air switching valve, or if the ECM has not received the signal from the sensor despite the ECM ordering the VSV to open the valve, the ECM interprets this as a fault in the secondary air injection system and the code is set.

Toyota Tundra AIR Injection Code P2440, P2441, P2442, P2443

the secondary air injection system is part of the motor which is covered under 5 yr 60k miles.... have the dealer fix it, and if not under the 5 yr 60k power train... you could make a VERY strong case for coverage under the 8 year 80k mi federal emissions warranty as the sole purpose of the secondary air injection is to reduce emissions.

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

P0410 Secondary Air Injection System Malfunction Technical Description. Secondary Air Injection System Malfunction. What does that mean? This diagnostic trouble code (DTC) is a generic powertrain code, which means that it applies to OBD-II equipped vehicles.

Error Code P2440: Secondary Air Injection System Switching ...

When is the P2440 code detected? If the Engine Control Module (ECM) receives the pulsation signal from the sensor despite the ECM ordering the VSV to close the air switching valve, or if the ECM has not received the signal from the sensor despite the ECM ordering the VSV to open the valve, the ECM interprets this as a fault in the secondary air injection system and the code is set.

P2440 TOYOTA Secondary Air Injection System Switching ...

P2438 Secondary Air Injection System Air Flow/Pressure Sensor Circuit High Bank 2 So I replaced air controls/switch valve for p2440. Now i have p2438 which I did not have before and other code is gone.Swapped my air pumps around and code still stays bank 2. Im wondering if maybe they sent me a bad replacement valve? 2008 Toyota Tundra...

Dtc P2440 Secondary Air Injection

What the P2440 code means The purpose of the secondary air injection system is to pump fresh air into the exhaust system. This reduces the amount of harmful pollutants that are emitted by the exhaust. The PCM receives information from the secondary air injection system regarding pressure and flow.

MIL ON DTC P2440/P2442

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.

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