

Dtc P2440 Secondary Air Injection System Switching Valve

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Dtc P2440 Secondary Air Injection P2440 is a diagnostic trouble code (DTC) for "Secondary Air Injection System Switching Valve Stuck Open Bank 1". This can happen for multiple reasons and a mechanic needs to diagnose the specific cause for this code to be triggered in your situation. 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. Error Code P2440: Secondary Air Injection System Switching ... P2440

TOYOTA Meaning To accelerate the activation of catalyst when warming up the engine, the air injection system pumps the secondary air to the exhaust manifold by pressure. The secondary air is supplied by the air pump and it is pumped to the exhaust manifold through the air switching valve. P2440 Toyota - Secondary Air Injection System Switching ... P2440 Description To accelerate the activation of catalyst when warming up the engine, the air injection system pumps the secondary air to the exhaust manifold by pressure. P2440 - Secondary Air Injection System Switching Valve ... How to repair P2440 code Secondary Air Injection System Switching Valve Stuck Open Bank 1 To accelerate the activation of catalyst

when warming up the engine, the air injection system pumps the secondary air to the exhaust manifold by pressure. 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. P2440 OBD-II: Secondary Air Injection System Switching ... 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). MIL ON DTC P2440/P2442 Some 2012 model year Tacoma vehicles equipped with the 1GR-FE engine may exhibit a MIL "ON" condition with Diagnostic Trouble Codes (DTCs) P2440/P2442 (Secondary Air Injection System Switching Valve Stuck Open Bank 1/Bank 2). This condition may be caused by moisture intrusion into the air injection pump. Air Injection System - Moisture Intrusion: MIL ON DTC ... P2440 DTC P2440. Secondary Air Injection (AIR) System Shut-Off Valve Stuck Open . Circuit/System Description. The secondary air injection system aids in

the reduction of hydrocarbon emissions during a cold start. The electric air pump forces fresh air into the exhaust stream in order to accelerate the catalyst operation. Ignition voltage is supplied directly to the secondary air injection pump relay and secondary air solenoid valve relay. I HAVE A 2010 CHEVY MALIBU 4 CYLINDER, I HAVE CODES P0411 ... Took my 08 Tundra to a shop to have my check engine light diagnosed, Code P2441 and P2442. Secondary air injection system valve stuck closed on 1 and stuck open on 2. Had the same issue in 2013, Toyota dealer fixed it under warranty in 2013. Called Toyota today and they won't warranty it, say they only cover one fix of the system. P2441 fault on air injection | Toyota Tundra

Forums My dash light up like a Christmas tree. I have the P2440 code. It says Secondary Air Injection System Switching Valve Stuck, Open Bank 1. Is this the air pumps and is it covered under the 10 year, 150k warranty? P2440 code | Toyota Tundra Discussion Forum 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... Toyota Tundra AIR Injection Code P2440, P2441, P2442 ... What is DTC P2440 in Toyota ? Toyota Landcruiser secondary air pump error P2440 is defined as Secondary Air Injection System Switching Valve Stuck Open. This indicates a stuck open problem in the switching valve of the secondary air injection

system. P2440 Toyota Landcruiser secondary air pump error ... 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 ... DTC P1442 Stuck Close in Secondary Air Injection Vacuum ... If the pressure level from the sensor has not reached a certain level despite the ECM turning on the air pump, or if the pressure level exceeds the threshold despite the ECM turning off the air pump, the ECM interprets this as a fault in the secondary air injection

system and the code is set. P2445 TOYOTA Secondary Air Injection System Pump Stuck Off ... DTC NO. DTC DETECTION CONDITION TROUBLE AREA P2440 P2442 Pressure sensor detects pulsation of exhaust gas despite ECM commanding Air Switching Valve (ASV) to close, while engine running (1 trip detection logic) ASV Open or short in ASV circuit Pressure sensor Pressure sensor circuit Air Injection Control Driver (AID) ECM P2441 P2443 Code P2443 in my Tundra 07-- Please help! | Toyota Tundra ... The AIR diagnostic uses 3 phases to test the AIR system: * DTCs P0411 and P2430 run during Phase 1 * DTCs P2430 and P2440 run during Phase 2 * DTC P2444 runs during Phase 3 During phase 1, both the AIR pump and the solenoid

valve are activated. Normal secondary air function occurs. 2009 cobalt 2.2 P0411. Replaced air pump and check valve ... DTCs;P2430 and P2440 run during Phase 2 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 8-15 kPa above BARO. During phase 2, only the AIR pump is activated. The solenoid valve is closed. Air Injection Pump Relay Location: Where Is the Air ... 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. The Secondary Air Pump is controlled by the engine computer.

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