

- ATTENTION:**
- GENERAL MANAGER
 - PARTS MANAGER
 - CLAIMS PERSONNEL
 - SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial in the boxes provided, right.

© 2014 Subaru of America, Inc. All rights reserved.



QUALITY DRIVEN® SERVICE

SERVICE INFORMATION

APPLICABILITY: 2011-15MY STI Models **NUMBER:** 11-147-14
SUBJECT: Revision to Service Procedure for Diagnosing **DATE:** 10/15/14
 Secondary Air Injection System DTCs

INTRODUCTION

This Service Information bulletin provides additional helpful information to assist in the diagnosis of DTCs related to the secondary air injection system.

SERVICE PROCEDURE / INFORMATION

Whenever diagnosing any of the air injection system-related DTCs listed in the table below, there is a possibility the root cause may be related to component(s) found on the opposite bank of the engine for the displayed DTC. For example, if a DTC P0413 (switching valve “A”) is stored, follow the diagnosis for both P0413 and P0416 (switching valve “B”) in the appropriate Service Manual. Another example: if a DTC P2440 (Bank 1-related DTC) is found, follow the diagnosis for P2440 and P2442 (Bank 2-related DTC). Spending the extra diagnostic time initially will decrease the chances of repeat repair visits and minimize customer inconvenience.

DTC	FAILURE DESCRIPTION
P0413	Secondary Air Injection System Switching Valve “A” Circuit Open
P0414	Secondary Air Injection System Switching Valve “A” Circuit Shorted
P0416	Secondary Air Injection System Switching Valve “B” Circuit Open
P0417	Secondary Air Injection System Switching Valve “B” Circuit Shorted
P2440	Secondary Air Injection System Switching Valve Stuck Open (BANK1)
P2441	Secondary Air Injection System Switching Valve Stuck Closed (BANK1)
P2442	Secondary Air Injection System Switching Valve Stuck Open (BANK2)
P2443	Secondary Air Injection System Switching Valve Stuck Closed (BANK2)

REMINDER: SOA strongly discourages the printing and/or local storage of service information as previously released information and electronic publications may be updated at any time.

Always refer to STIS for the latest service information before performing any repairs.

CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition.

SUBARU OF AMERICA, INC. IS ISO 14001 COMPLIANT

ISO 14001 is the international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.