

ATTENTION:

- GENERAL MANAGER
- PARTS MANAGER
- CLAIMS PERSONNEL
- SERVICE MANAGER

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

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QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2014MY Forester
 2008 -14MY WRX and STI
 2012-14MY Impreza 2.0L
 2013 -14MY XV Crosstrek (EXCEPT Hybrid Model)

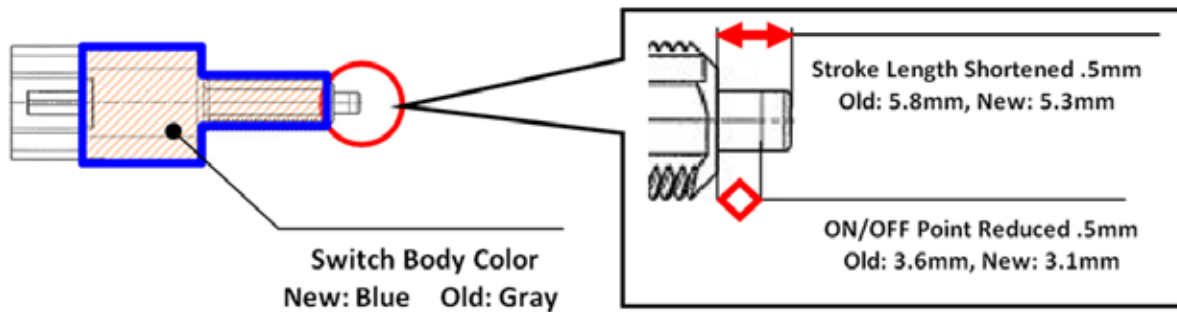
NUMBER: 06-48-15

DATE: 05/15/15

SUBJECT: Design Change to Stop Light Switch

INTRODUCTION

This bulletin announces a design change to the stop light switch to reduce the possibility of improper illumination of the ABS and/or VDC warning lamp with resulting DTCs C1531 and/or C0054. Details of the switch changes are shown in the illustration below.



PART INFORMATION

PART NAME:	NEW PART NUMBER:	SWITCH BODY COLOR
SWITCH STOP LP BUL	83311FJ000*	Blue
*Supersedes p.n. 83311FG011		

COUNTERMEASURE IN PRODUCTION

The new switch was incorporated into production starting with the following VINs as listed below:

MODEL	STARTING VIN
Forester	E*548566
Impreza 4-Door	E*016289
Impreza 5-Door & XV Crosstrek	E*259173
WRX & STI	E*016346

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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.

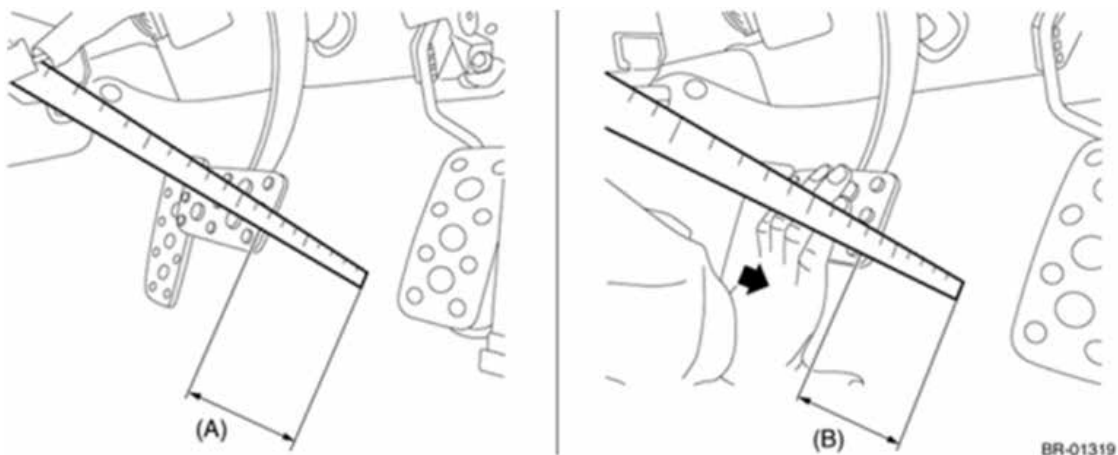
SERVICE PROCEDURE / INFORMATION

Follow the procedure outlined in the Brake section of the applicable Service Manual when replacing the stop lamp switch. Additional information regarding stop light switch replacement and adjustment can be found in TSB 06-46-14, dated 4/22/2014 on STIS.

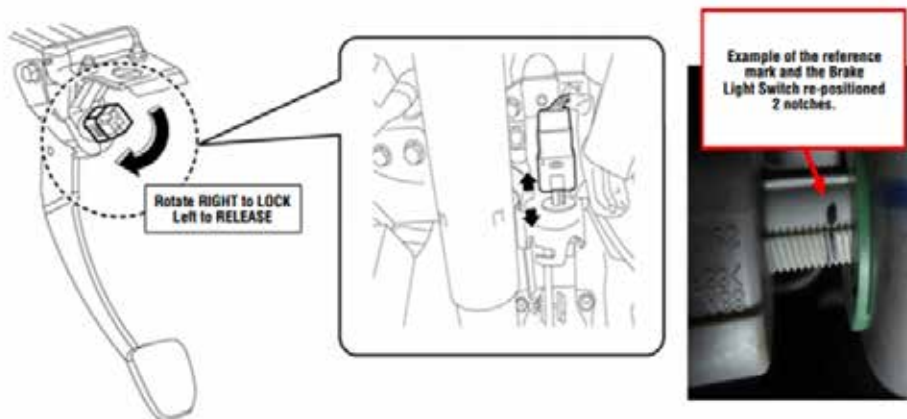
NOTE: The stop lamp switch installation and adjustment procedure varies from model to model.

The following procedure applies to all models listed in this bulletin **EXCEPT** 2012-14 Impreza and XV Crosstrek (for those models, see below).

- The minimum brake pedal travel specification (amount of pedal travel before the stop lamps come on) also varies between models. Using the illustrations below, measure the brake pedal stroke by first measuring the distance “A” between the floor mat and the pedal. Depress the brake pedal slowly until the brake lights come on “B” then record the second measurement. Subtract “B” from “A” to obtain the pedal stroke measurement.



- The pedal stroke specification to activate the stop light switch is 5.5mm +/- 2.5mm (>3mm but <8mm).



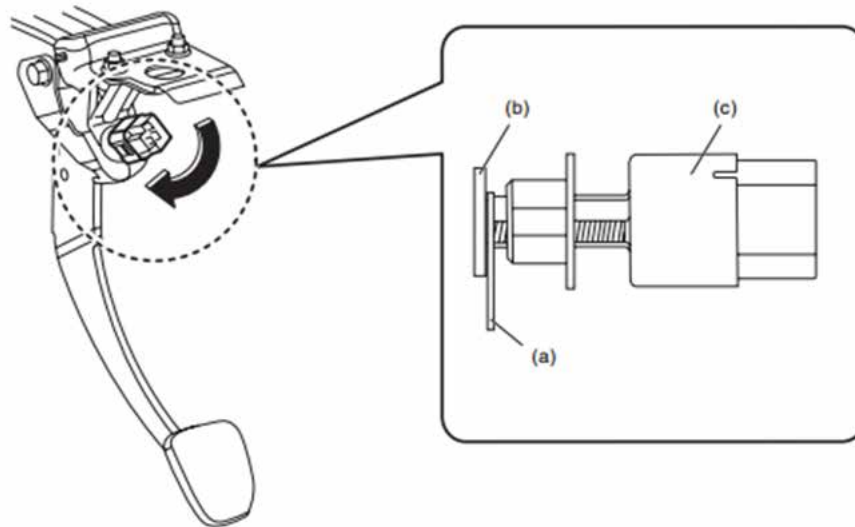
- If the measurement (switch activation) is out of specification, the stop light switch will need to be adjusted. When the brake lights come on too soon (not enough pedal stroke), the switch needs to be adjusted “inward” toward the bulkhead while if the pedal stroke is excessive before the brake lights come on, the switch will need to be adjusted outward toward the steering wheel. The switch adjustment is sensitive and in most cases, moving it just one notch as shown in the illustrations above should bring the operation into specification since one notch is equivalent to approximately 4mm of movement.

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2012-14 Impreza and XV Crosstrek Procedure:

The specification for 2012-14 Impreza and XV Crosstrek is 1.5 - 2.5 mm and is measured differently. A .020" thick spacer shown as "a" in the illustration below is used for setting the gap between the switch plunger and the pedal stopper.

- While pulling up the brake pedal toward the steering wheel, and with the stop light switch installed, insert the spacer (a) between the pedal stopper (b) and the switch (c) as shown in the illustration below. Turn the switch to the left to release it and back to the right (clockwise) by 45° to "lock" it into position. Remove the spacer and measure the gap (specification is 1.5 - 2.5mm) between the pedal stopper and switch plunger while pulling the pedal toward the steering wheel. Reposition the switch inward or outward as needed until the proper gap is achieved.



IMPORTANT: The stop lamp switch adjustment is **critical** for accurate ABS and VDC control module input along with proper stop lamp operation.

WARRANTY / CLAIM INFORMATION:

For vehicles within the Basic New Car Limited Warranty period or a valid Subaru Added Security Classic or Gold plan, this repair may be claimed using the following information:

LABOR DESCRIPTION	LABOR OPERATION #	FAIL CODE	LABOR TIME
STOP LIGHT SWITCH R&R and ADJUST	A838-231	UAE43	0.3

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.