

ATTENTION:

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

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



QUALITY DRIVEN® SERVICE

SERVICE BULLETIN

APPLICABILITY: 2013MY BRZ

NUMBER: 06-44-12

SUBJECT: Diagnosis of DTC C1249
Brake Light Switch Malfunction

DATE: 10/22/12

INTRODUCTION

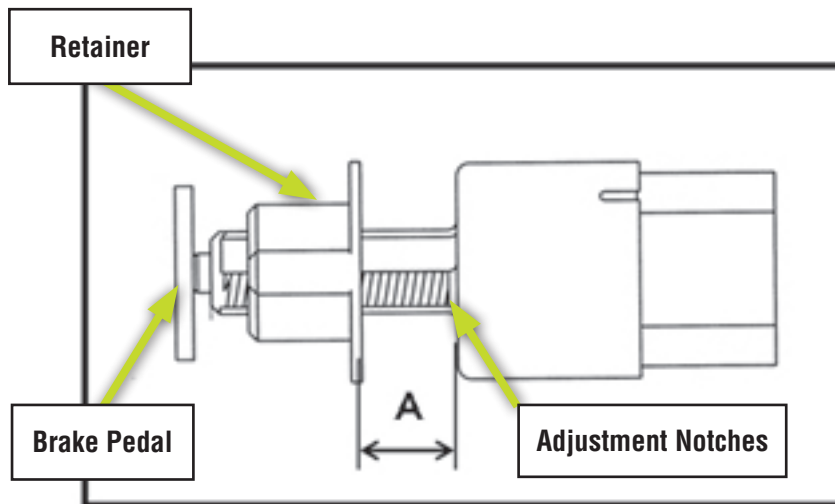
This bulletin provides an additional diagnostic procedure to be used when diagnosing DTC C1249, Brake Light Switch (BLS) malfunction. The Service Manual will be revised to include this diagnostic procedure in the future.

SERVICE PROCEDURE / INFORMATION

IMPORTANT: The customer should be made aware that if the accelerator and the brake pedals are operated at the same time, C1249 may set. If this driving tendency applies, DTC C1249 may reset until the customer’s driving habits are changed. Confirm the customer fully understands this information before proceeding further with any diagnostics.

Other possible causes are a faulty or improperly adjusted brake light switch.

- Illustration shows the brake light switch and “Gap A” dimension which is explained below.



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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.

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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.

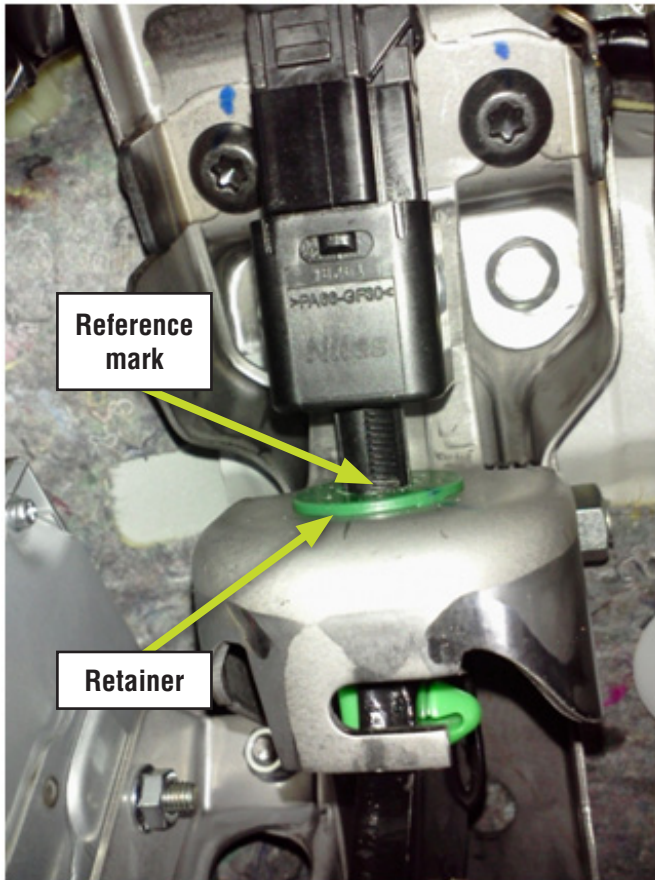
- Connect the Select Monitor (SSMIII). While monitoring the Current Data Display, check and record the master cylinder pressures when:
 - 1) There is no brake pedal pressure being applied.
 - 2) The brake light switch status changes from “off” to “on” while pressing on the brake pedal.

When the brake light switch status turns from “off” to “on”, master cylinder pressure should be between **0.08 to 0.27 MPa (11.6 to 39.2 psi)**.

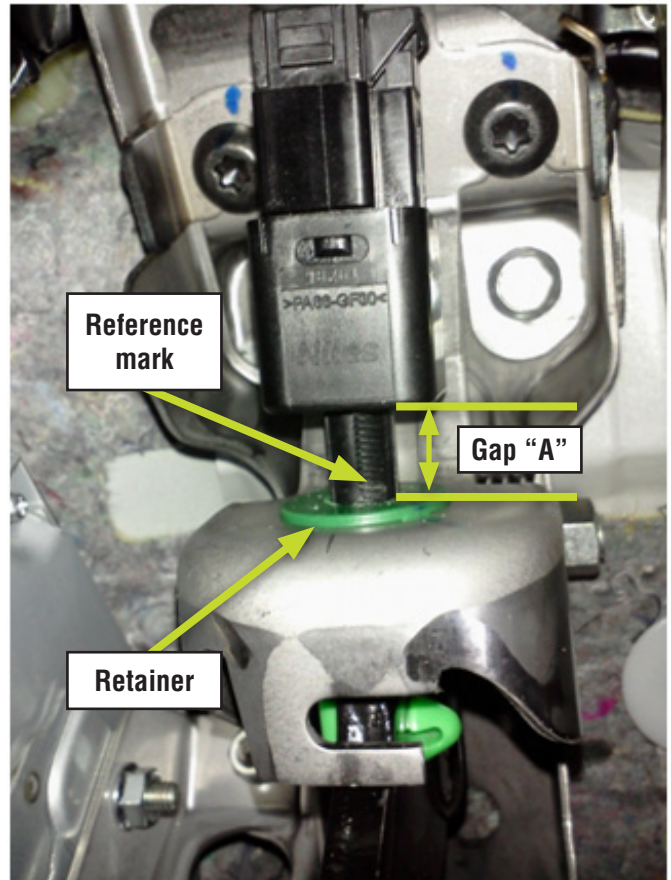
- If the pressure measured is exceeds .3MPa (43.5psi) as indicated on the SSMIII, increase the “Gap A” dimension by 1 mm. Before adjusting the brake light switch, add a mark to reference it to the retainer as shown in the photos on page 3. This will help make the adjustment process easier. **CAREFULLY** rotate the brake light switch **SLOWLY**, counter-clockwise approximately 1/4 turn until you feel it begin to release from the retainer. Before it releases completely, move it one “notch” outward toward the steering wheel. Turn it back to the right (clockwise) until you feel it snap back into the “locked” position. You will need to develop a “feel” for the adjustment notches along with how the brake light switch releases and locks back into place. This may involve some trial and error. One notch is equivalent to 1mm of adjustment. If the brake light switch releases completely, insert it back into the retainer until your reference mark is in the original position then try again.
- Once you have increased “Gap A” 1mm as shown in the reference photos on page 3, repeat the pressure measurement.
- If the brake pressure is still out of the specified range and C1249 resets, continue diagnosis following the procedures found in the applicable Service Manual.

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“BEFORE” AND “AFTER” REFERENCE PHOTOS



Before adjustment



After adjustment, “Gap A” increased by 1mm

WARRANTY / CLAIM INFORMATION

For vehicles within the Basic New Car Limited Warranty period, refer to the Subaru Warranty Wizard® for claim submission information.