

**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

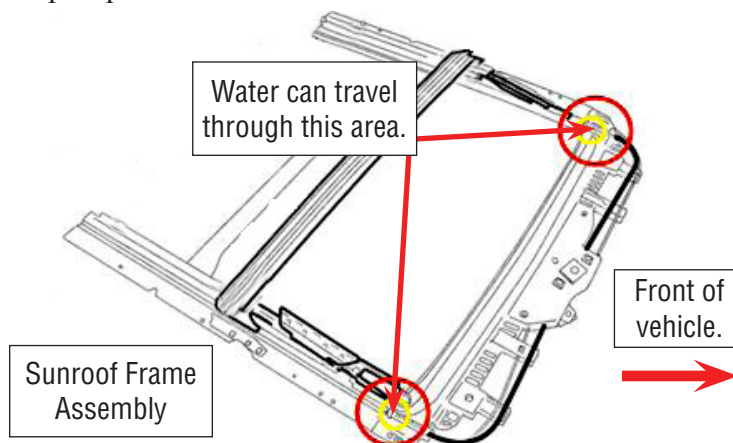
## SERVICE BULLETIN

**APPLICABILITY:** 2010~2013MY Legacy and Outback equipped with Sunroof  
**SUBJECT:** Water Leak from the Map Light Area

**NUMBER:** 12-117-10R  
**DATE:** 03/30/10  
**REVISED:** 02/14/13

### INTRODUCTION

If you encounter a customer complaint that water is leaking from the map light area, it could be caused by water leaking through the area of the sunroof cable mechanism. To remedy the condition, silicone sealer will need to be applied to both of the front end caps as indicated below. Refer to the repair procedure listed below.



### PARTS INFORMATION

PART DESCRIPTION	SOA ITEM NUMBER	QUANTITY
3M™ Ultrapro™ High Temp Silicone Gasket 08672 Black 3 oz.	004403010	1

### SERVICE INFORMATION/PROCEDURE

- 1) Verify water leak.
- 2) Open sunroof glass and position to the most rearward position.
- 3) Carefully push and hold sunroof air deflector down to gain access. The deflector will need to be in that position while performing the procedure.

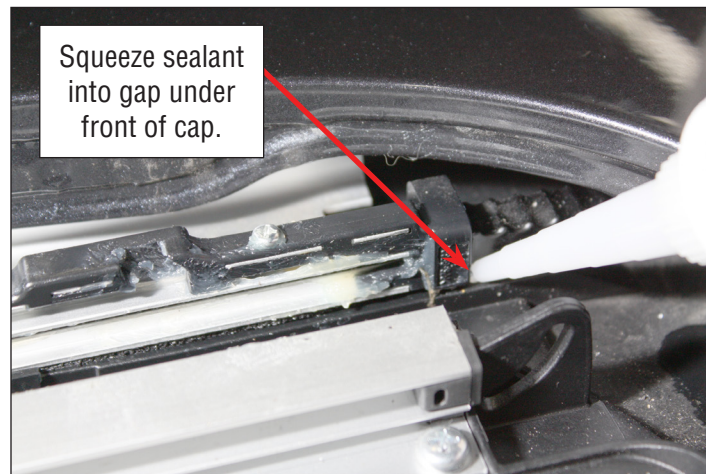
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<p><b>CAUTION: VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.</b></p> <p>Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those 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.</p>	<p style="text-align: center;"><b>SUBARU OF AMERICA, INC. IS "ISO 14001 COMPLIANT"</b></p> <p>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.</p>
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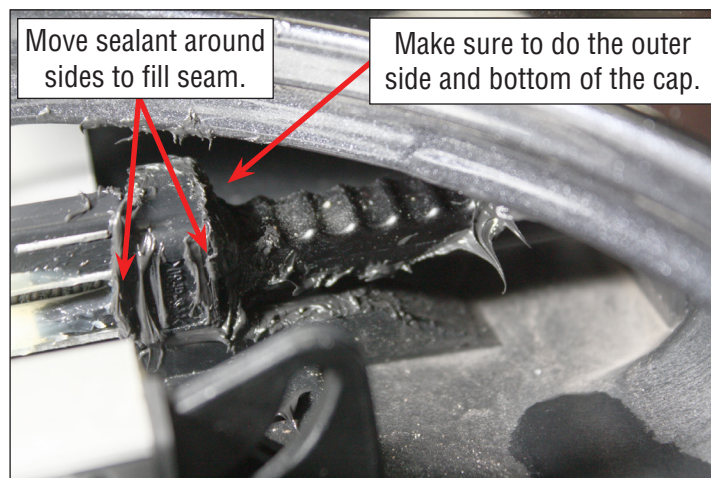
- 4) Clean any dirt and/or grease in the area around both of the front end caps of the sunroof cable.



- 5) Apply sealant under the front of the end cap ensuring that the silicone is filling the gap.  
**Note:** Make sure nozzle is small enough to apply sealant into the gap.

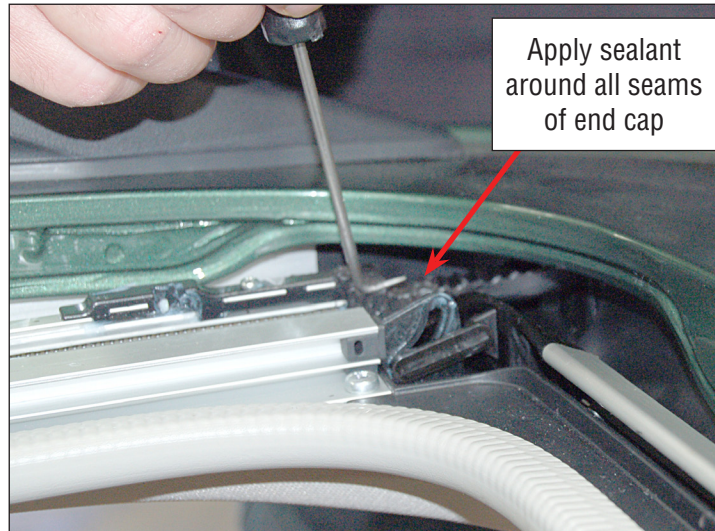


- 6) Using a right angled pick tool (pictured below) or similar, move a small amount of the sealant around the sides and along the bottom of the end cap and the outer side to ensure the seam is filled.



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- 7) Apply additional sealant on the front and rear sides and top seams of the end cap. Use the pick tool to smooth the sealant as you apply it. Make sure the sealant covers all seams of the end cap. Use a mirror if necessary to verify all seams are covered.  
**Note:** Be careful not to over apply sealant as this will add to cleanup.
- 8) Perform this procedure to both sides of the front sunroof end caps.



- 9) Operate the sunroof air deflector manually and remove any excess sealant material.
- 10) Permit the sealant to cure.
- 11) Perform water testing to recheck for leaks.

## WARRANTY/CLAIM INFORMATION

For vehicles within the Basic New Car Limited Warranty period, this repair may be claimed using:

LABOR DESCRIPTION	LABOR OPERATION#	FAIL CODE	LABOR TIME
MAP LIGHT AREA WATER LEAK REPAIR	A914-118	XFT-48	0.7 hours

**Note:** Use part # SOA635017 for the sealant. This part # is non-orderable and used for claim purposes only.