

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: 2010-2011MY Impreza Models
 2010-2013MY **WRX and STI** Models
 2010-2011MY Forester Models

NUMBER: 15-162-13R

DATE: 06/18/13

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SUBJECT: Service Procedure for Replacement of the Bluetooth
 Microphone for Kenwood Audio / Navigation Systems

INTRODUCTION

This Bulletin provides a service procedure for replacing the Bluetooth hands-free microphone which is now available as an individual service part (separate from the map light assembly). The replacement microphone is designed to reduce background noise when using the hands-free telephone feature.

COUNTERMEASURE IN PRODUCTION

The new microphone was incorporated into production on STI models starting with the following VINs:

VEHICLE	MODEL	STARTING VIN
STI	4-Door	D*014000
	5-Door	D*813544

PART INFORMATION

MODEL	MODEL YEAR	NEW PART NUMBER
Forester	2010	86234SC011
	2011-2012	86234SC021
Impreza, WRX & STI	2010	86234FG011
Impreza	2011	86234FG021
WRX & STI	2011-2013	

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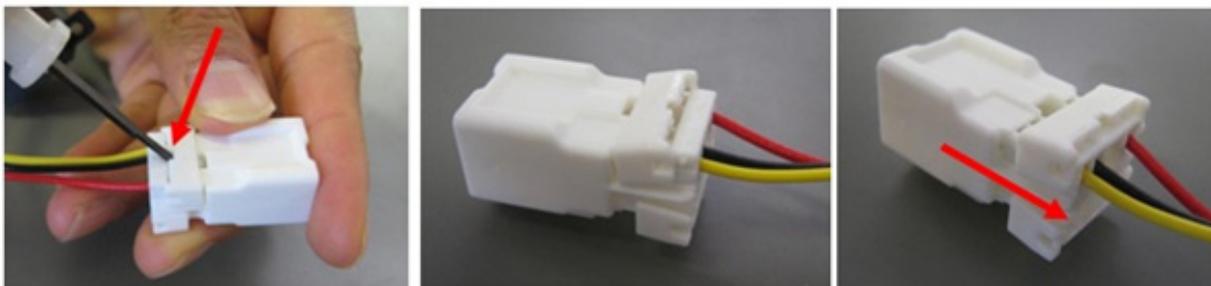
The international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

SERVICE PROCEDURE / INFORMATION

- Remove the map light / overhead console assembly following the procedures outlined in the applicable Service Manual.
- Remove the microphone assembly from the map light / overhead console assembly.

NOTE: The recommended procedure involves **CAREFULLY** removing the pin terminals from both the vehicle's original and the replacement microphone harness connectors then installing the vehicle's original microphone connector onto the replacement microphone's wiring harness. Using this procedure will enable you to work more comfortably on your workbench instead of overhead when trying to remove and replace the vehicle harness connector.

- Unlock the holder of the new microphone's harness connector. Insert a small flat-blade screwdriver under the indentation of the holder then lift up gently to unlock it as shown in the photos below. Once unlocked, slide the holder backward.

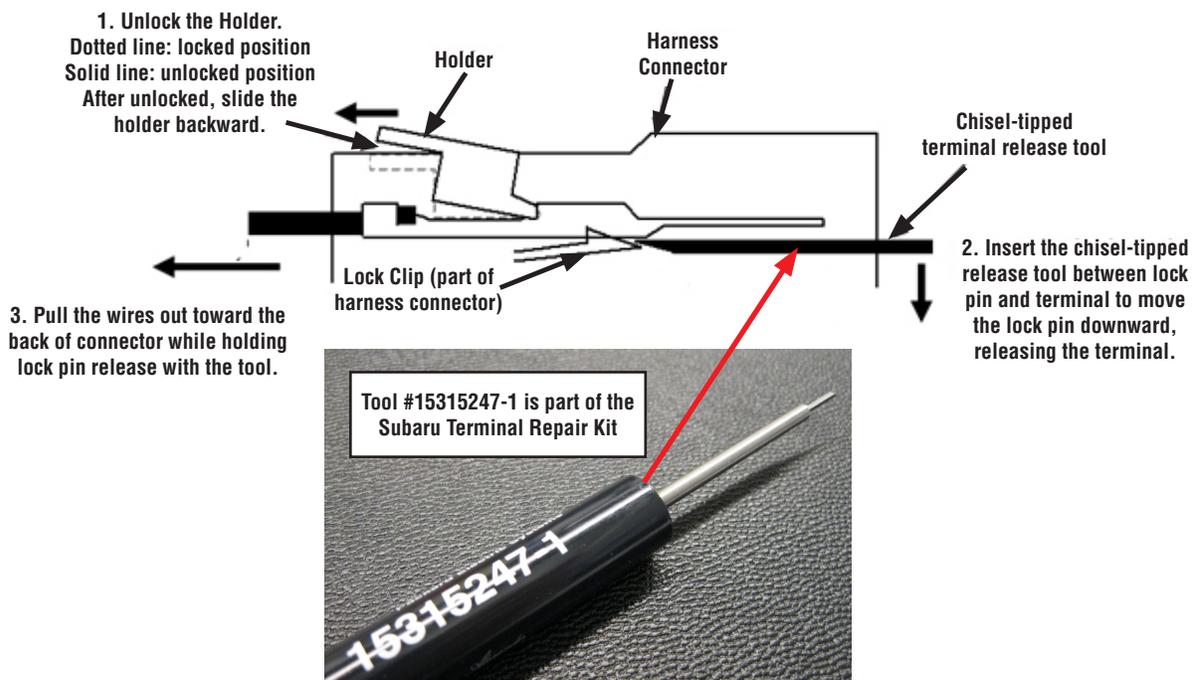


Before unlock

After unlock

Holder slid backward

- Note the wire terminal positions before disassembly. Actual wire colors may vary.
- **CAREFULLY** remove the wires by releasing the locking clip with a chisel-tipped terminal release tool as shown in the illustration below then sliding the terminal out the back of the harness connector. It is important to **TAKE YOUR TIME** and develop a “feel” for how and when the lock clip releases the wire terminal. This will prevent damage to the terminals and make them easier to reinstall to the original vehicle harness connector.



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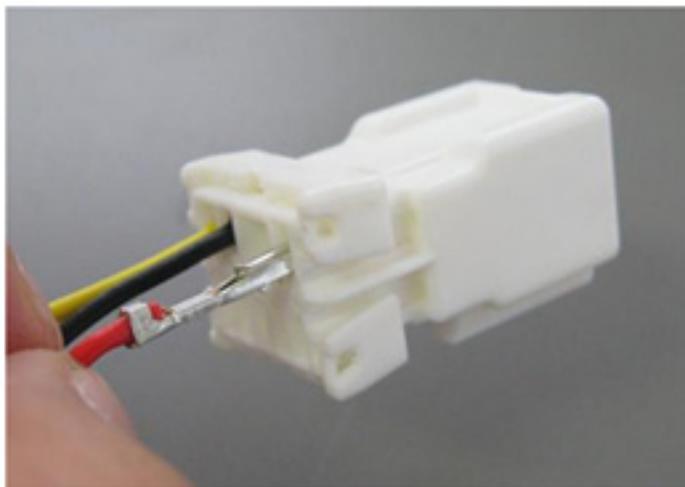
- Remove all three wires from both the replacement and the vehicle's original microphone harness connectors.
- Reinstall the terminals of the replacement microphone's harness into the vehicle's original microphone harness connector as shown below. The connector is being viewed from the front in these two illustrations.

Lamp P/S (a)		Lamp P/S (b)
MI + (Y)	MI DET (W)	MI - (L)

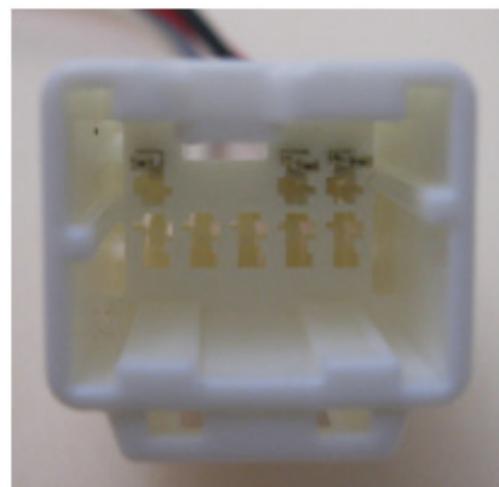
Impreza, WRX & STI

MIC DET (Gr)		Mic - (B)	Mic + (R)
Lam GND (L)	Lam P/S (P)	Door SW (W)	Illumi + (R)
			Illumi - (B)

Forester



Proper orientation when reinstalling terminals



View from front of connector

- Install the replacement microphone assembly into the map light / overhead console then reinstall the assembly into the vehicle in reverse order of removal.
- Confirm the Bluetooth / hands-free system operates properly to complete the repair.

WARRANTY / CLAIM INFORMATION

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

LABOR DESCRIPTION	LABOR OPERATION #	FAIL CODE	LABOR TIME
Bluetooth Microphone R&R	B850-833	ZOC-43	0.3
Audio System Testing and Diagnosis	C031-001		0.3