

SERVICE BULLETIN

APPLICABILITY: 2002MY and Later Impreza

NUMBER: 15-119-06

SUBJECT: Chattering/Vibration from
Front Door Speakers

DATE: 11/29/06

INTRODUCTION

If you encounter a customer complaint that the front door speaker(s) chatter and/or vibrate when the volume is set high, refer to the following repair procedure.

PARTS/MATERIAL INFORMATION

Countermeasure 1

3M™ Heavy Drip–Chek™ Sealer 08531

Countermeasure 2

SOA part # 61244FE100, Sealing Cover (with urethane) F Door, RH

SOA part # 61244FE110, Sealing Cover (with urethane) F Door, LH

3M™ Windo-Weld™ Round Ribbon Sealer 08625 or butyl tape as an equivalent.

Caution: Make sure to read and follow the directions, precautions, warnings, etc of the 3M™ products.

REPAIR PROCEDURE/INFORMATION

Verify the customer’s complaint by playing a commercially purchased CD and/or the radio.

Note: It is not advisable to play a burned (home made) CD, due to the fact the recording levels may have been set extremely high, which may cause undesirable chattering, vibration and/or distortion.

- 1) Check to make sure there is nothing in the door pockets that could cause chattering and/or vibrations. If there is, remove the objects.
- 2) Remove the door trim (refer to the applicable service manual) and check for loose or missing screws, broken or missing clips. Replace if necessary.
- 3) Check to make sure that the sealing cover is properly applied (no peeling, no misalignment, no breakage). Repair and/or replace as necessary.

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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.



If the speakers still chatter and/or vibrate, perform the following countermeasure(s):

[A] Standard speaker, perform Countermeasure 1 & 2.

[B] High-grade speaker, perform Countermeasure 1.

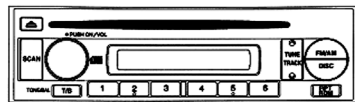
- Sealing covers with urethane are used with high-grade speakers; therefore countermeasure 2 does not need to be performed.

How to distinguish between Standard speaker and High-grade speaker

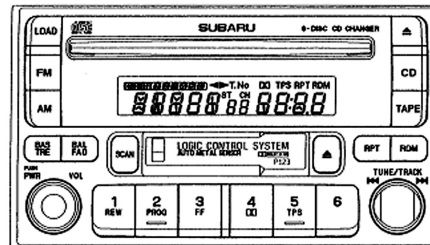
Vehicles equipped with standard speakers use a sealing cover **without** urethane.

Vehicles equipped with high-grade speakers use a sealing cover **with** urethane.

[A] Standard audio with standard speaker

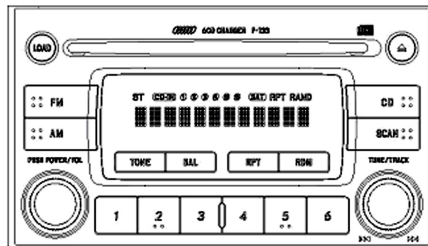


1 DIN Radio (02MY and After)

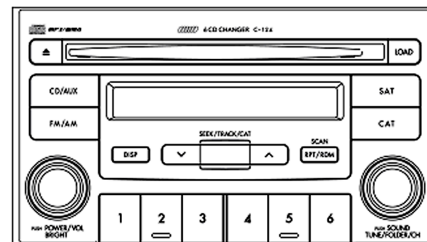


2 DIN Radio (02MY through 05MY)

[B] High-grade audio with high-grade speaker



2 DIN Radio (05MY through 07MY)



2 DIN Radio (07MY)

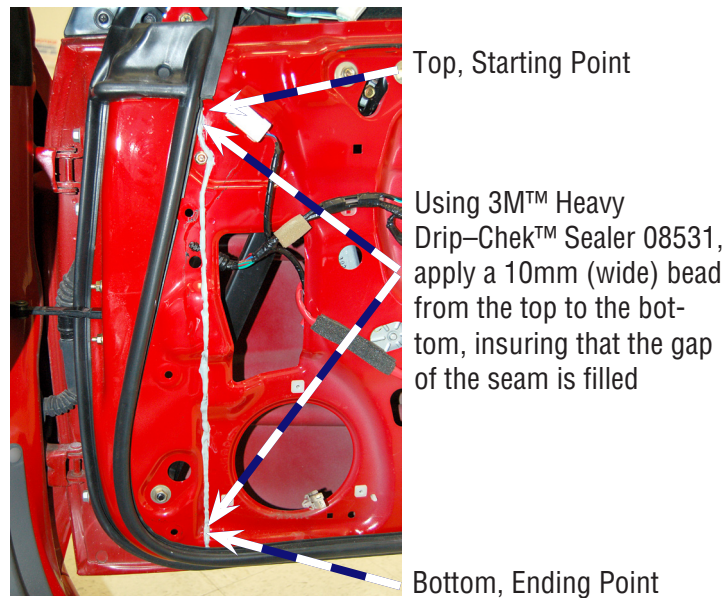
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Countermeasure 1

- 1) Remove the door trim, speaker and sealing cover (see figure 1, below).



- 2) Apply 3M™ Heavy Drip–Chek™ Sealer 08531 to the gap of the seam of the inner door panel (See figure 2, below).



- 3) Reinstall the sealing cover (if equipped with standard speakers perform countermeasure 2), speaker and door trim.
- 4) Verify that the chatter and/or vibration is eliminated.

Countermeasure 2

- 1) Remove the door trim, speaker and sealing cover.

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- 2) Install a new sealing cover using 3M™ Windo-Weld™ Round Ribbon Sealer 08625 (See figure 3, below). Make sure to use a uniform bead and press firmly to insure the sealing cover stays in place. **Note:** Breaks in the bead will allow water leakage and contamination.



3M™ Windo-Weld™ Round Ribbon Sealer 08625

Sealing cover with urethane

- Reinstall the speaker and door trim.
- Verify that the chatter and/or vibration is eliminated.

WARRANTY/CLAIM INFORMATION

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

LABOR DESCRIPTION	LABOR OPERATION	FAIL CODE	LABOR TIME
Front Door Speaker Vibration Modification - One Door (Includes diagnostics)	B 915 - 212	YMK - 48	0.6
Front Door Speaker Vibration Modification - Both Doors – ADD	C 915 - 225	YMK - 48	0.3