

ResearchNotes™

Disassembly instructions from our Vehicle Research Team

2017–up Subaru Impreza



CRUTCHFIELD®

2645000006



Disconnect the battery

Set parking brake and disconnect negative battery cable to prevent any electrical short.



Before starting, compare items on your invoice with items received. Carefully check through packaging material. If any item is missing, please call **Crutchfield Technical Support at 1-888-955-6000**.

Although reasonable attempts are made to verify the accuracy of the information contained in these ResearchNotes, it is presented without warranties or guarantees of any type due to the constantly changing nature of this type of information and running changes in vehicle production. Any person or entity using this information does so at his or its own risk. If you find our instructions are different from your vehicle, or if you have questions, do not continue with your installation. Contact our toll-free technical support for assistance.

©2017 Crutchfield Corporation. All rights reserved.



Vehicle wiring guide

NOTE: In most cases a speaker wiring adapter is available from Crutchfield and splicing will not be necessary. If no adapter is available, use this chart as a guide to splice or tap the wires. Some wiring may not be present depending on your vehicle's audio system.

FUNCTION	POLARITY/COLOR/LOCATION
Left front door/dash speaker	positive (+): violet or white, negative (-): white or black
Left front door woofer (amplified system)	positive (+): light green, negative (-): blue
Left front dash tweeter (amplified system)	positive (+): red, negative (-): pink
Right front door/dash speaker	positive (+): blue or red, negative (-): pink or green
Right front door woofer (amplified system)	positive (+): brown, negative (-): light blue
Right front dash tweeter (amplified system)	positive (+): pink, negative (-): violet
Left rear door speaker	positive (+): gray or yellow, negative (-): red or orange
Left rear door speaker (amplified system)	positive (+): light green, negative (-): blue
Right rear door speaker	positive (+): green, negative (-): white
Right rear door speaker (amplified system)	positive (+): white, negative (-): red
Speed sense	Must use speed pulse generator.
Reverse (+)	brown - dash fuse box, blue 16-pin plug, pin 3
Parking brake	gray - Body Integrated Unit/dash fuse box, rear, black 32-pin plug, pin 5
Foot brake	brown - brake switch, white 5-pin plug, pin 2
NOTES: <ul style="list-style-type: none"> If equipped with a factory amplifier, the amplifier will be located under the passenger's seat. 	

Receiver

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, Phillips screwdriver

1. Starting at top edges, pry out center dash vents to release six (6) clips on each vent and remove both vents.
2. Remove two (2) Phillips screws exposed by removal of center dash vents.
3. Pry receiver top trim strip toward rear of vehicle to release clips and remove trim strip.
4. Remove two (2) Phillips screws exposed by removal of receiver top trim strip.
5. Pull out receiver to release four (4) clips, disconnect harnesses and remove receiver.

Difficulty Rating: 5 for vehicles equipped with 6.5" LCD (must fabricate dash kit)
Receiver replacement not recommended for vehicles equipped with 8" LCD.

Important information about your vehicle

Vehicles with 6.5" LCD receiver

- Installing a new car stereo in your vehicle requires fabricating a dash kit. You may want to consult a car audio installation specialist in your area.
- When you replace the factory radio, you'll lose the factory AUX input connection.
- When you replace the factory radio, you'll lose the factory USB input connection.

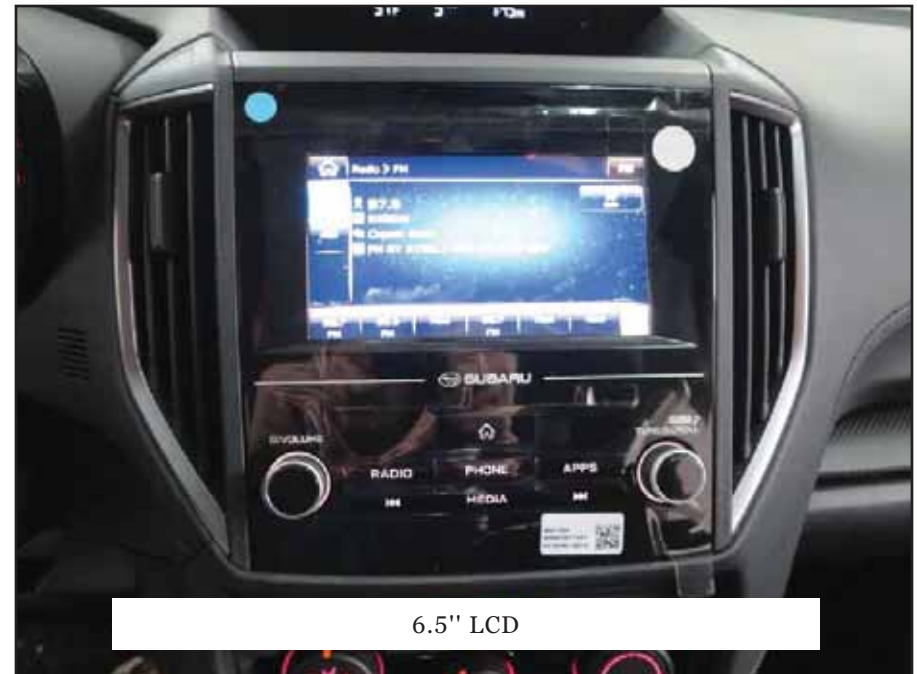
Vehicles with 8" LCD receiver

- Radio replacement is not recommended. Vehicle functions are lost when factory radio is removed.
- If factory backup camera does not work when reinstalling factory radio, disconnect battery, wait 15 minutes, then reconnect battery to regain backup camera function.





8" LCD



6.5" LCD

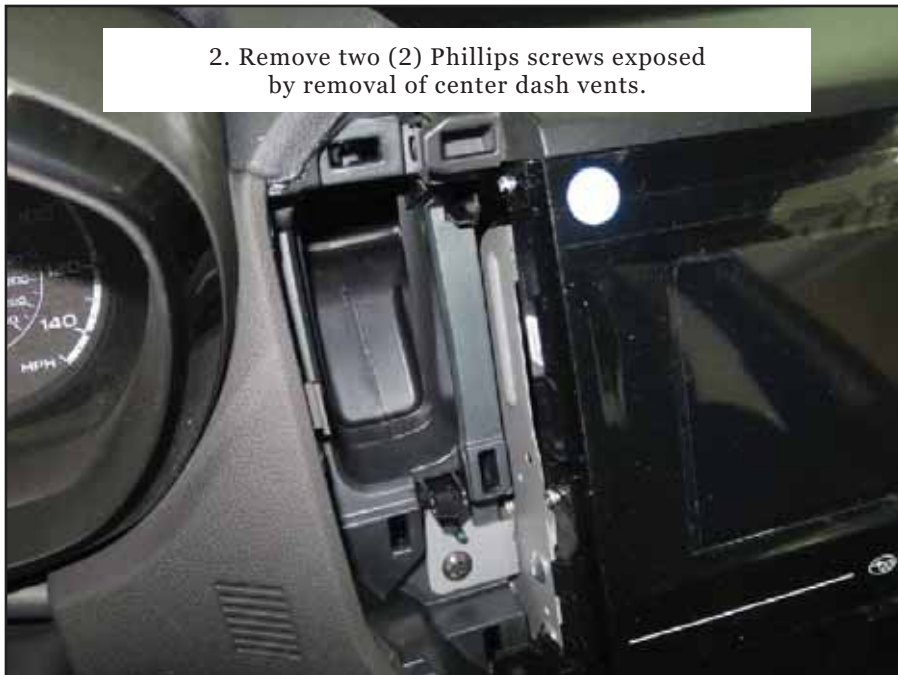


1. Starting at top edges, pry out center dash vents to release six (6) clips on each vent and remove both vents.





2. Remove two (2) Phillips screws exposed by removal of center dash vents.

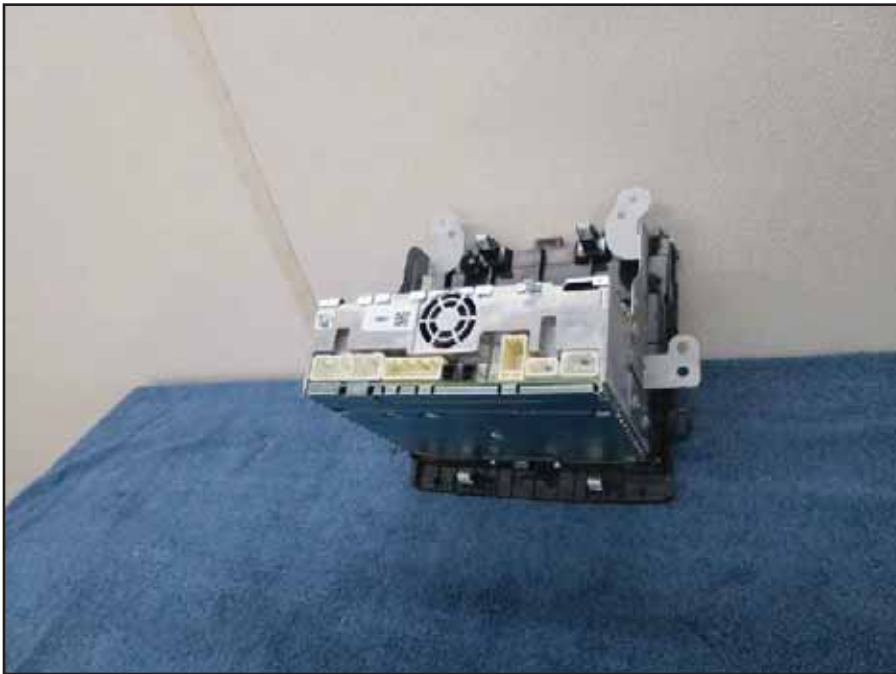


3. Pry receiver top trim strip toward rear of vehicle to release clips and remove trim strip.



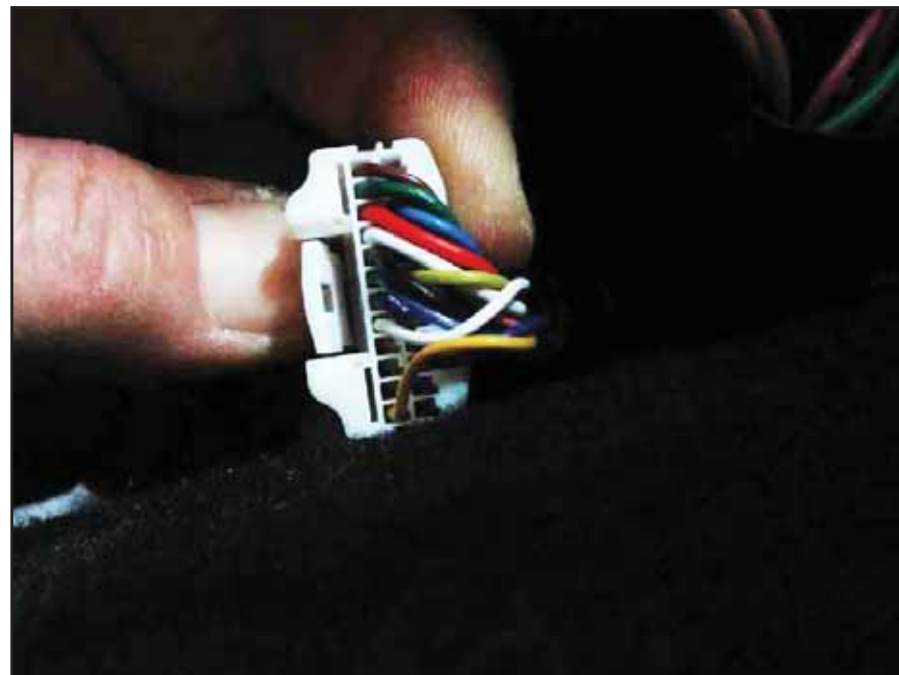
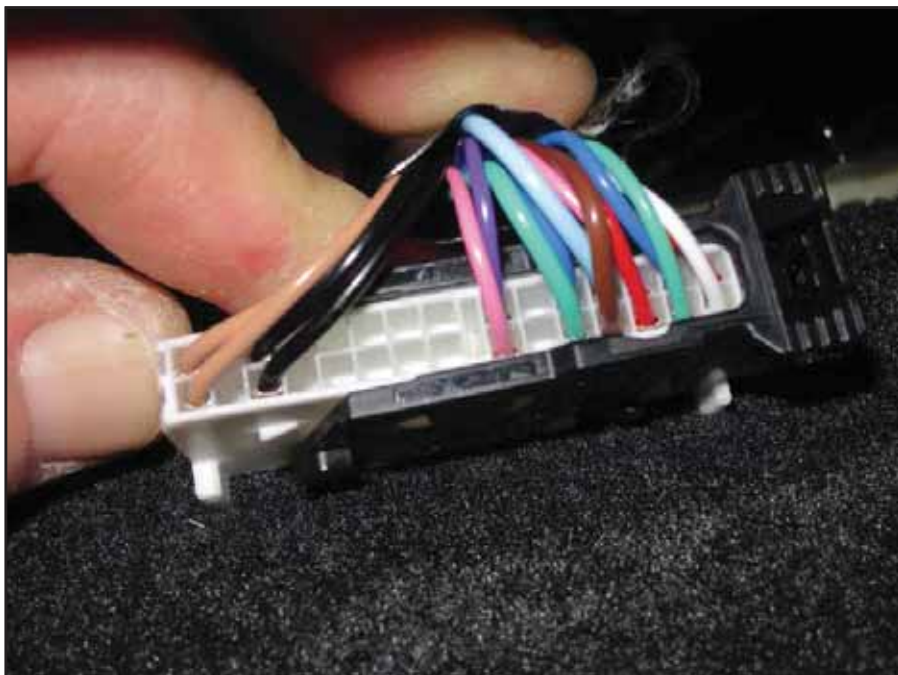
4. Remove two (2) Phillips screws exposed by removal of receiver top trim strip.





Factory amplifier

The factory amplifier (if equipped) is located under the passenger's side front seat. Amplifier wiring is located on next page.



Amplifier wiring

PIN #	FUNCTION/POLARITY	COLOR
1	Constant 12 volts	tan
2		
3	Ground	black
4		
5		
6		
7		
8		
9	Right front dash tweeter (-)	pink
10		
11	Left front door woofer (-)	light green
12	Right front door woofer (-)	brown
13	Left front dash tweeter (-)	red
14	Left rear door speaker (-)	light green
15	Right rear door speaker (-)	white
16	Constant 12 volts	tan
17		
18	Ground	black
19		
20		
21		
22		
23		
24	Right front dash tweeter (+)	violet

PIN #	FUNCTION/POLARITY	COLOR
25		
26	Left front door woofer (+)	blue
27	Right front door woofer (+)	light blue
28	Left front dash tweeter (+)	pink
29	Left rear door speaker (+)	blue
30	Right rear door speaker (+)	red
31	Function unknown at this time.	brown
32	Function unknown at this time.	green
33	Function unknown at this time.	red
34	Function unknown at this time.	white
35	Function unknown at this time.	black
36	Function unknown at this time.	blue
37	Function unknown at this time.	violet
38	Function unknown at this time.	white
39		
40		
41		
42	Function unknown at this time.	yellow
43		
44	Function unknown at this time.	pink
45	Function unknown at this time.	blue
46		
47		
48	Function unknown at this time.	yellow

Corner dash speakers (6-speaker system only)

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, right-angle Phillips screwdriver

1. Pry up corner dash grille to release four (4) clips and remove grille.
2. Remove two (2) Phillips screws securing speaker to dash, disconnect harness and remove speaker.

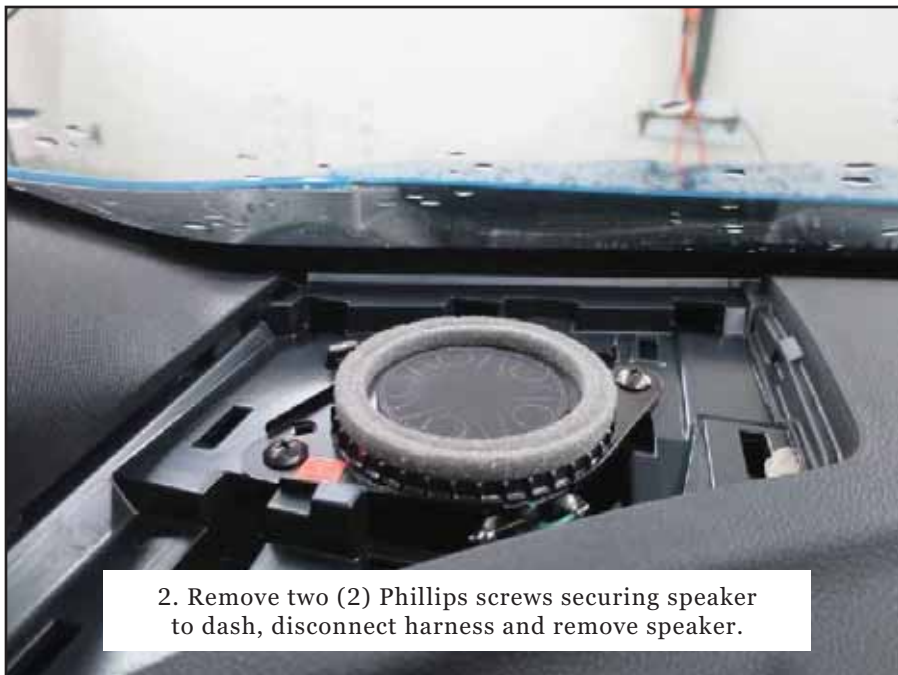
Difficulty Rating: 1

Important information about your vehicle

- Use the factory speaker grilles.
- Replacing the 7-ohm or 8-ohm factory speaker with a lower-impedance speaker will result in higher volume levels.
- A wiring harness is not available. You'll have to splice or tap the vehicle's speaker wires to your new speaker wires.







Front door speakers

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, small flat blade screwdriver, Phillips screwdriver

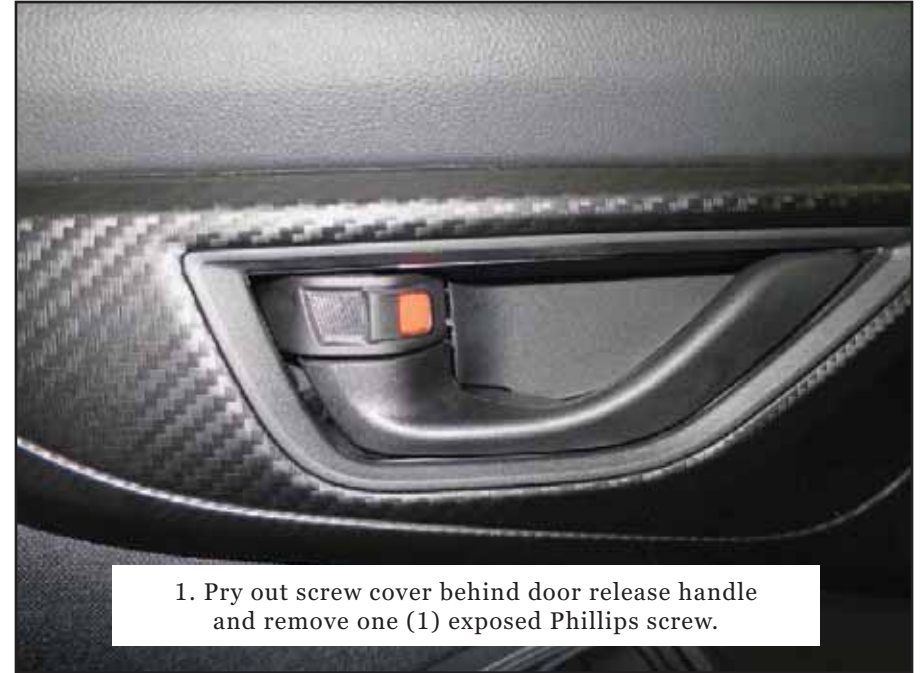
1. Pry out screw cover behind door release handle and remove one (1) exposed Phillips screw.
2. Pry open screw cover inside door pull cup and remove one (1) exposed Phillips screw.
3. Pry off upper door trim strip to release one (1) clip and remove trim strip.
4. Pry out sides and bottom of door panel to release eight (8) clips. Disconnect the door lock cable, door release cable, and harnesses, then remove door panel.
5. Remove four (4) Phillips screws securing speaker to door steel, disconnect harness and remove speaker.

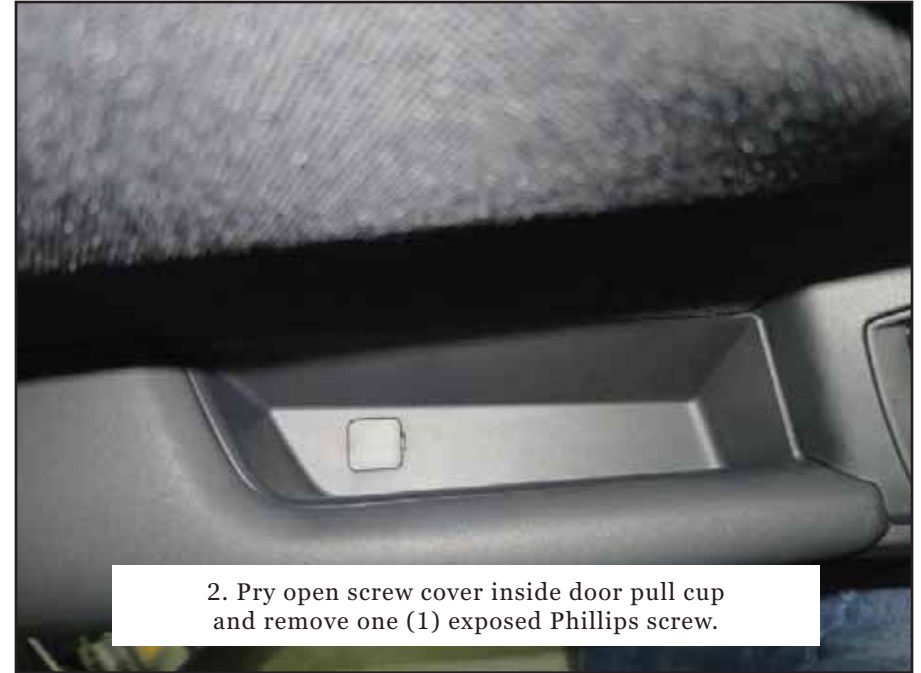
Difficulty Rating: 1

Important information about your vehicle

- Use the factory speaker grilles.
- A speaker adapter bracket is required.







2. Pry open screw cover inside door pull cup and remove one (1) exposed Phillips screw.











Aftermarket 6"x9" speaker adapter bracket installed.

Rear door speakers

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, small flat blade screwdriver, Phillips screwdriver

1. Pry out screw cover behind door release handle and remove one (1) exposed Phillips screw.
2. Pry open screw cover inside door pull cup and remove one (1) exposed Phillips screw.
3. Pry out sides and bottom of door panel to release seven (7) clips. Disconnect the door lock cable, door release cable, and harnesses, then remove door panel.
4. Remove three (3) Phillips screws securing speaker to door steel, disconnect harness and remove speaker.

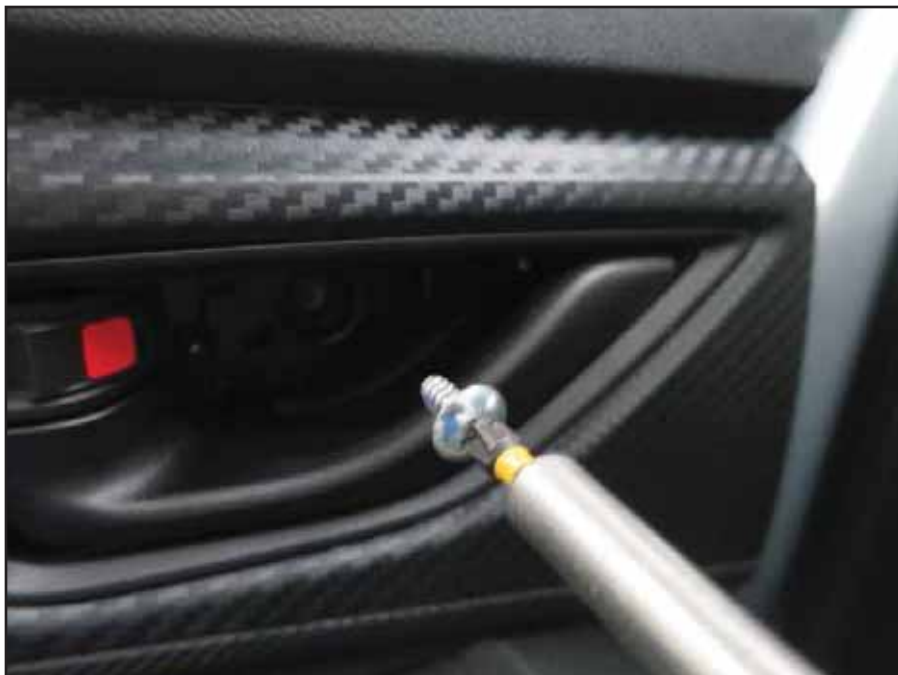
Difficulty Rating: 1

Important information about your vehicle

- Use the factory speaker grilles.
- A speaker adapter bracket is required.

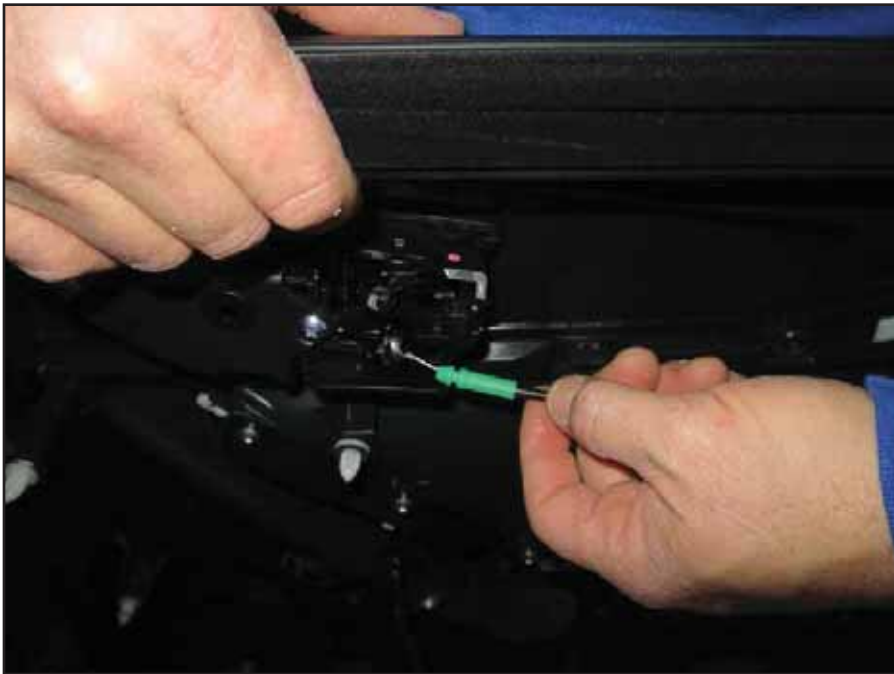
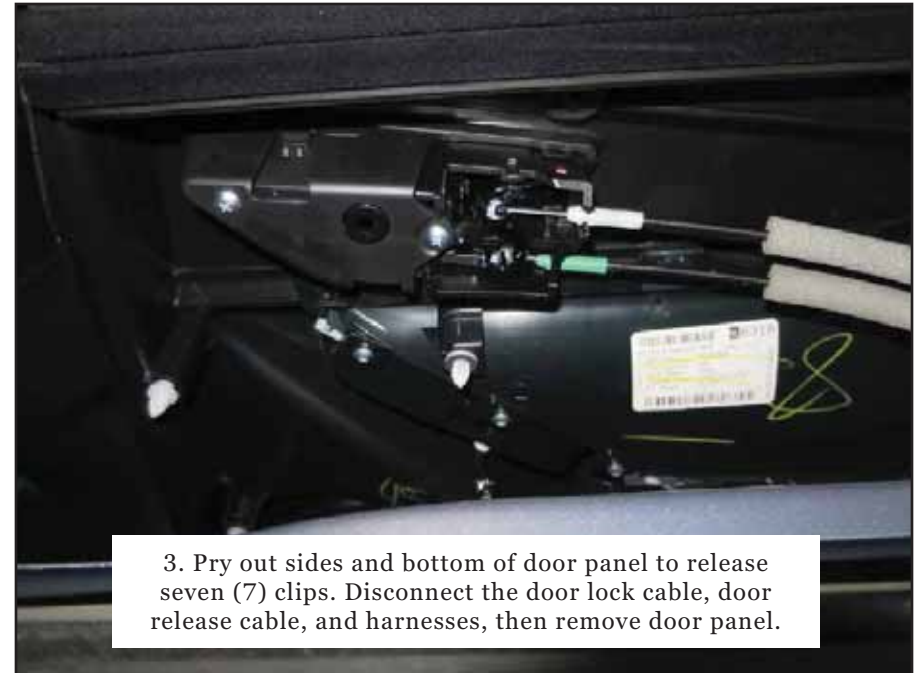


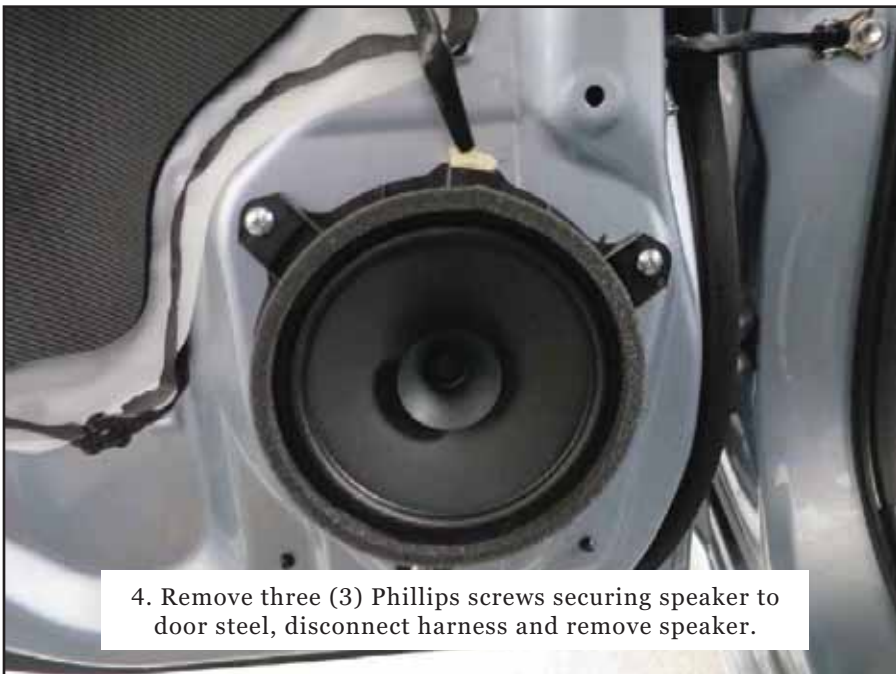




2. Pry open screw cover inside door pull cup and remove one (1) exposed Phillips screw.







4. Remove three (3) Phillips screws securing speaker to door steel, disconnect harness and remove speaker.





Aftermarket speaker adapter bracket installed.