

# ResearchNotes™

Disassembly instructions from our Vehicle Research Team

Research and photos provided by Crutchfield customer Michael W.

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## 2022-up Lexus NX Series (without Mark Levinson audio system)

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# CRUTCHFIELD®

2643200023



## Disconnect the battery

Set parking brake and disconnect negative battery cable to prevent any electrical short. Refer to the vehicle's owner's manual for information on disconnecting the battery.

### ***Hybrid Vehicle Warning:***

The gas-electric hybrid version of this vehicle contains very sensitive electronics. Be sure to only use a multimeter when testing wires. NEVER test wires in this vehicle with a test light. Doing so could cause serious damage to the vehicle.

We do not recommend installing a high-power audio system in this vehicle due to the large current draw they will introduce to the system. DO NOT exceed a 30 amp current draw or 350 watt RMS power rating.



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 their 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.

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# 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
Center dash speaker	Positive (+): violet/light blue, Negative (-): violet/black
Left corner dash speaker	Positive (+): violet/light green, Negative (-): violet/black
Right corner dash speaker	Positive (+): violet/black, Negative (-): violet/red
Left front door woofer	Positive (+): violet/red, Negative (-): violet/blue
Right front door woofer	Positive (+): violet/red, Negative (-): violet/black
Lear rear door speaker	Positive (+): violet/blue, Negative (-): violet/red
Right rear door speaker	Positive (+): violet/green, Negative (-): violet/red
Cargo floor subwoofer	Positive (+): violet/green, Negative (-): violet/black
Speed sense <sup>1</sup> (all vehicles)	light green - radio, gray 28-pin plug, pin 8
Speed sense <sup>1</sup> (non-hybrid alternate)	lavender/gray - left of dash fuse box, gray 63-pin plug (AD1), pin 27
Reverse (+) <sup>1</sup>	Option 1: white - radio, gray 28-pin plug, pin 17
	Option 2: lavender/blue - dash fuse box, white 43-pin plug (9G), pin 38
Parking brake <sup>1</sup>	Use radio replacement interface if available.
Foot brake <sup>1</sup>	Option 1: lavender/white - brake switch, black 5-pin plug, pin 2
	Option 2: lavender/white - junction connector above driver's kick panel towards firewall, white 22-pin plug (A82), pin 19

## NOTES:

- The speaker wire colors listed above are at the speaker location unless otherwise noted.
- If the vehicle is equipped with a factory amplifier, you'll find it under the center console.
- <sup>1</sup>If available, these wires and functions may also be generated by the OEM integration interface used when replacing the radio.



# Receiver

We have not researched the receiver location at this time.



# Center dash speaker

## REMOVAL INSTRUCTIONS

Tools Required: Panel tool, 7mm socket, ratchet and extension

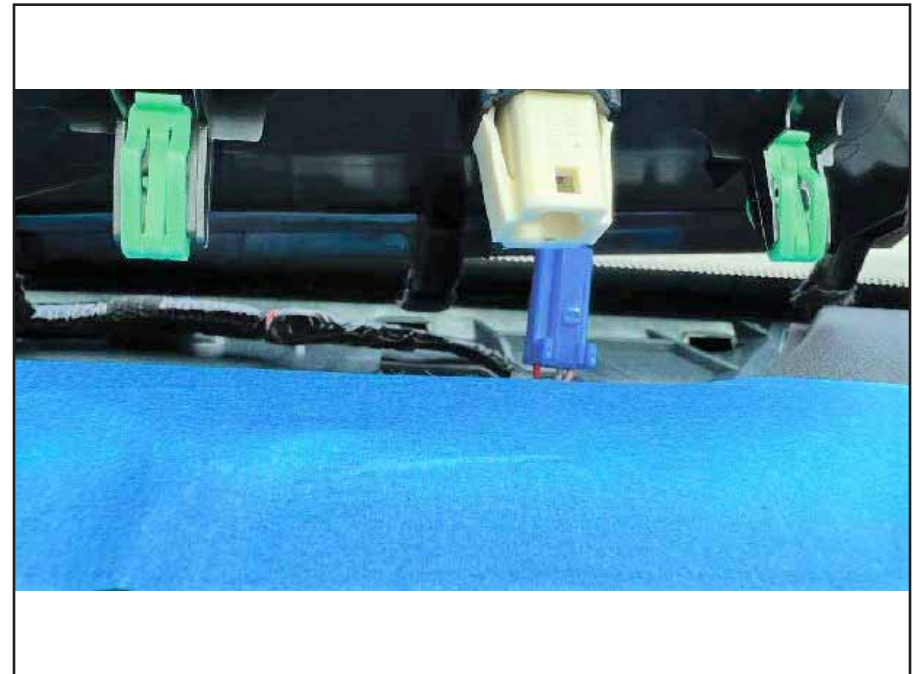
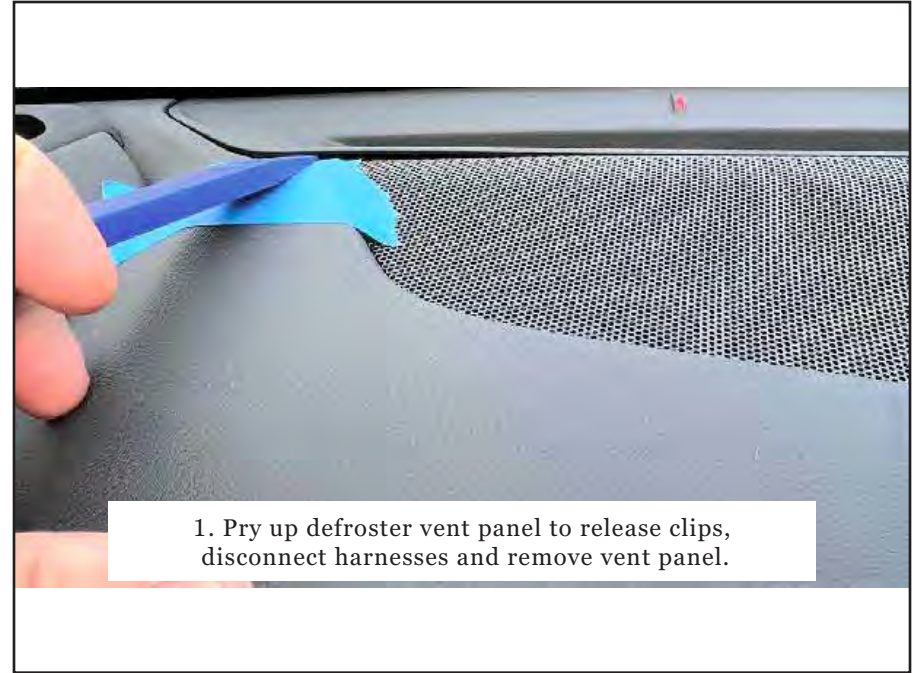
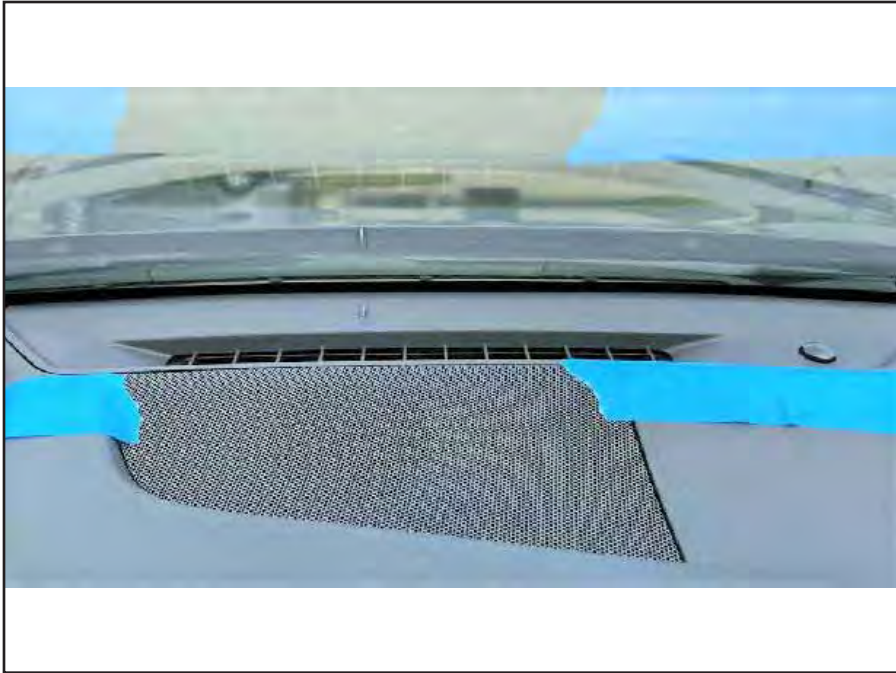
1. Pry up defroster vent panel to release clips, disconnect harnesses and remove vent panel.
2. Pry up rear edge of center dash grille to release clips, then remove grille.
3. Remove two (2) 7mm screws securing speaker to dash, disconnect harness and remove speaker.

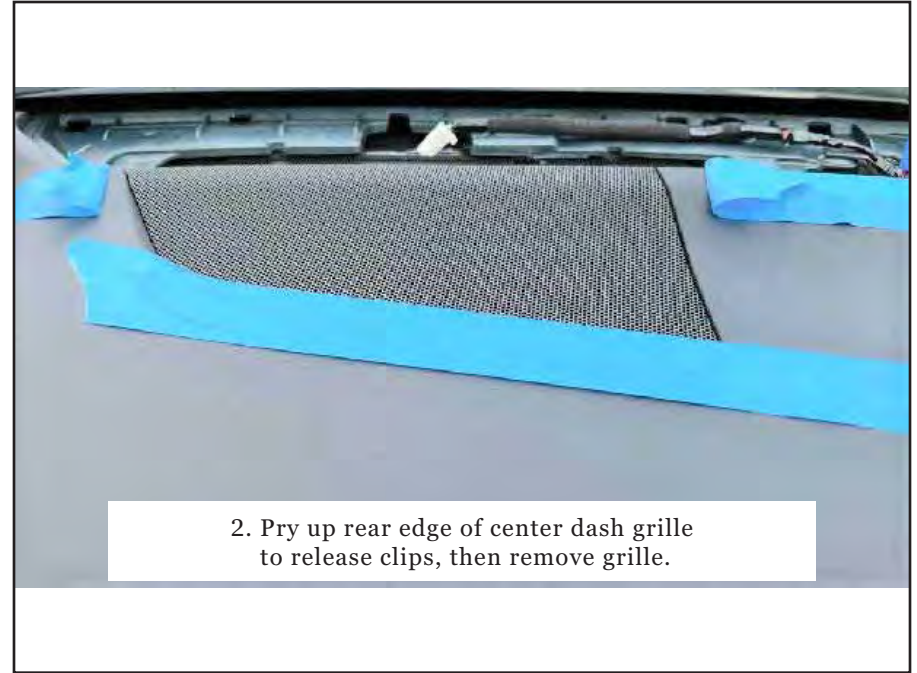
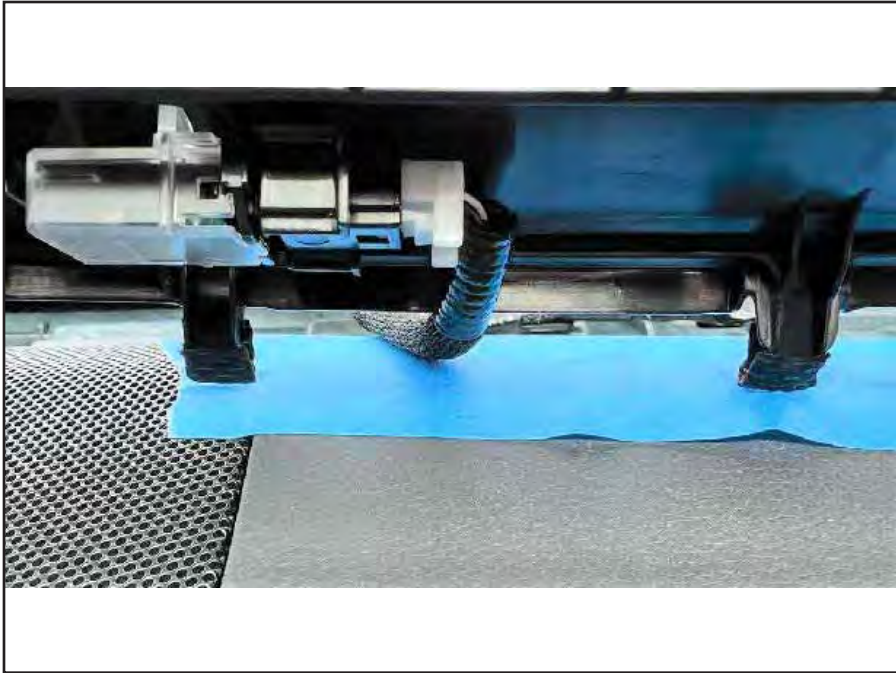
Difficulty Rating: 1

### Important information about your vehicle

- Use the factory speaker grilles.
- A wiring harness is not available. You'll have to splice or tap the vehicle's speaker wires to your new speaker wires.

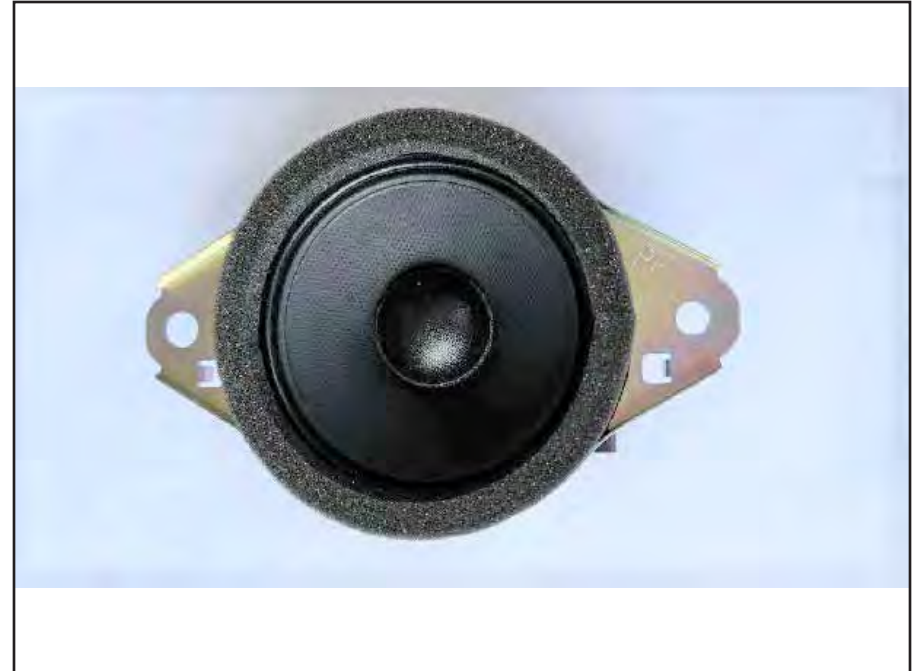
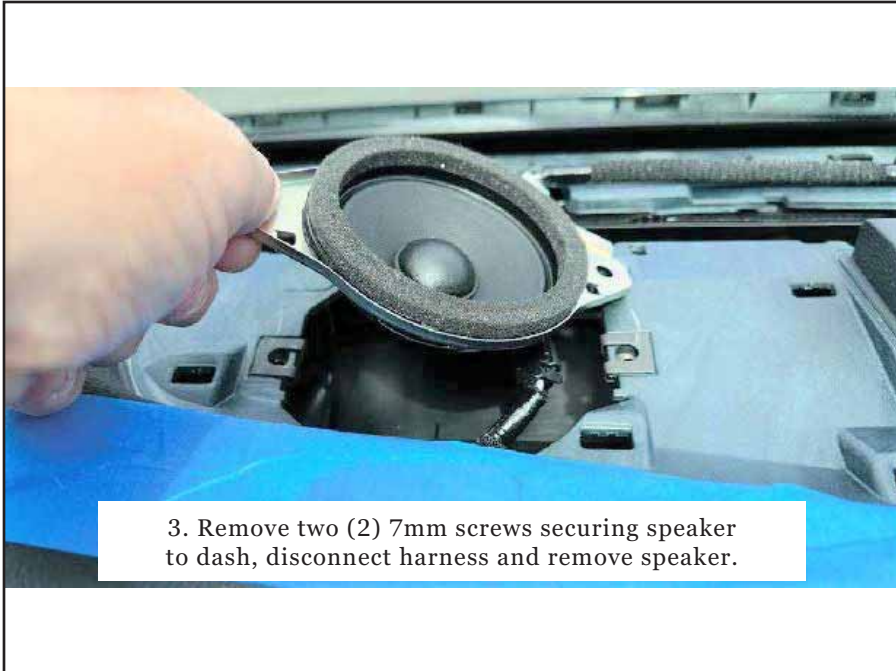






2. Pry up rear edge of center dash grille to release clips, then remove grille.







# Corner dash speakers

## REMOVAL INSTRUCTIONS

Tools Required: Panel tool, 7mm socket, ratchet and extension

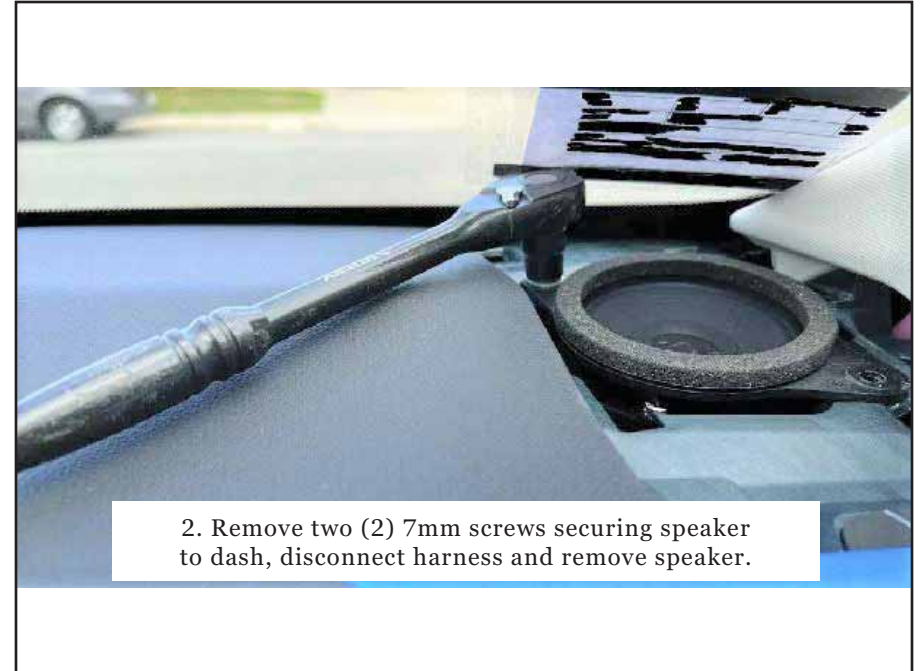
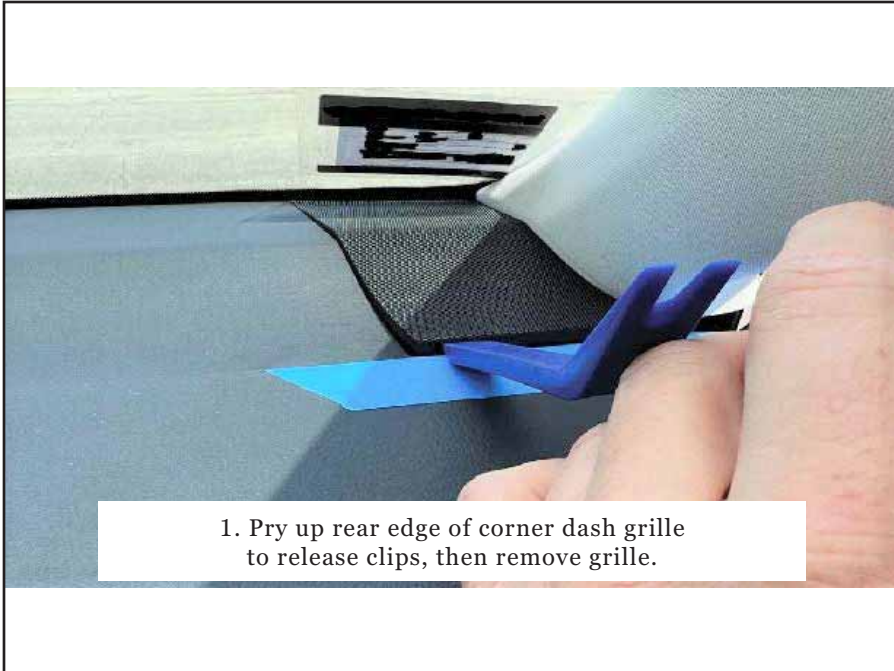
1. Pry up rear edge of corner dash grille to release clips, then remove grille.
2. Remove two (2) 7mm screws securing speaker to dash, disconnect harness and remove speaker.

Difficulty Rating: 1

### Important information about your vehicle

- Use the factory speaker grilles.





# Front door woofers

## REMOVAL INSTRUCTIONS

Tools Required: Panel tool, Phillips screwdriver

1. Remove carpet mat inside door pull cup, then remove one (1) exposed Phillips screw.
2. Starting at rear edge, pry up power switch panel to release clips, disconnect harness, then remove switch panel.
3. Pry off upper door trim panel to release clips, disconnect harness, remove panel tether, then remove trim panel.
4. Remove one (1) Phillips screw exposed by removal of upper door trim panel.
5. Pry off courtesy light lens to remove.
6. Starting at either lower corner, pry off door panel to release clips, disconnect harness and door release cable, then remove door panel.
7. Remove four (4) Phillips screws securing speaker to door steel, disconnect harness and remove speaker.

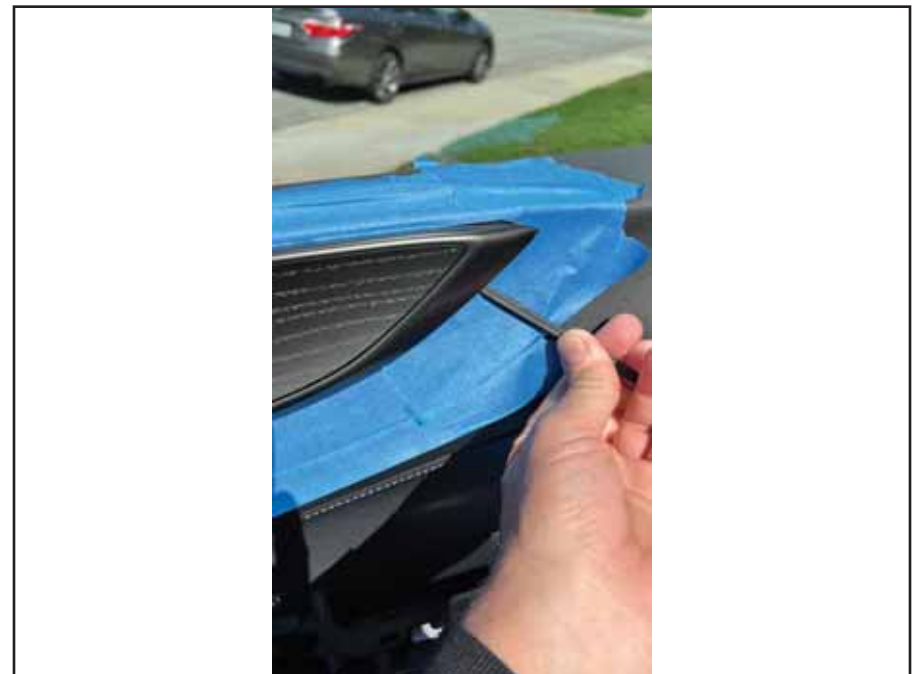
Difficulty Rating: 5 (must fabricate bracket)

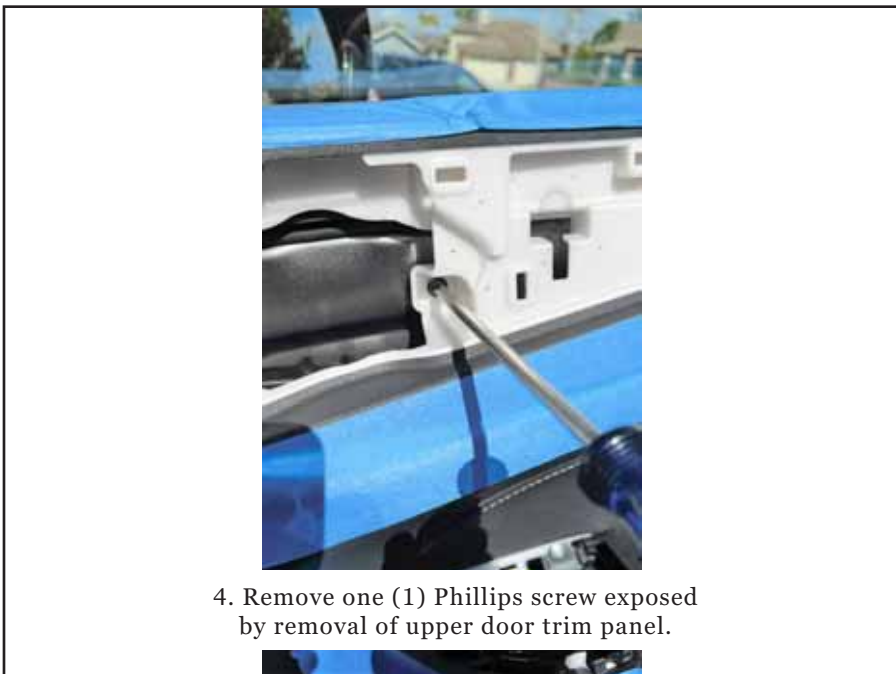
### Important information about your vehicle

- Use the factory speaker grilles.
- You'll need to fabricate a mounting bracket or spacer.
- A wiring harness is not available. You'll have to splice or tap the vehicle's speaker wires to your new speaker wires.
- The speaker in this location only receives low frequencies.

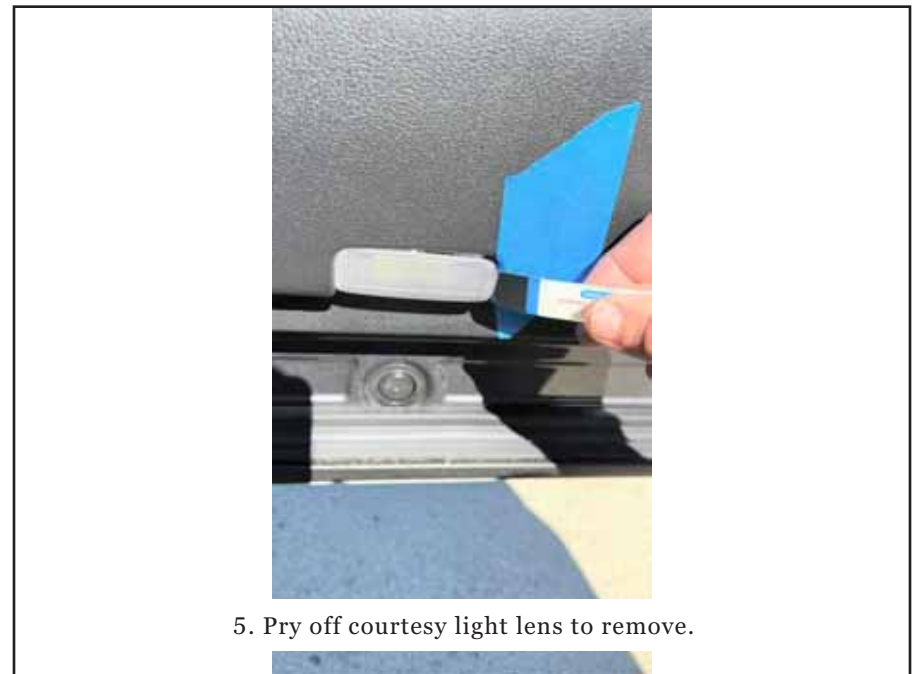








4. Remove one (1) Phillips screw exposed by removal of upper door trim panel.



5. Pry off courtesy light lens to remove.

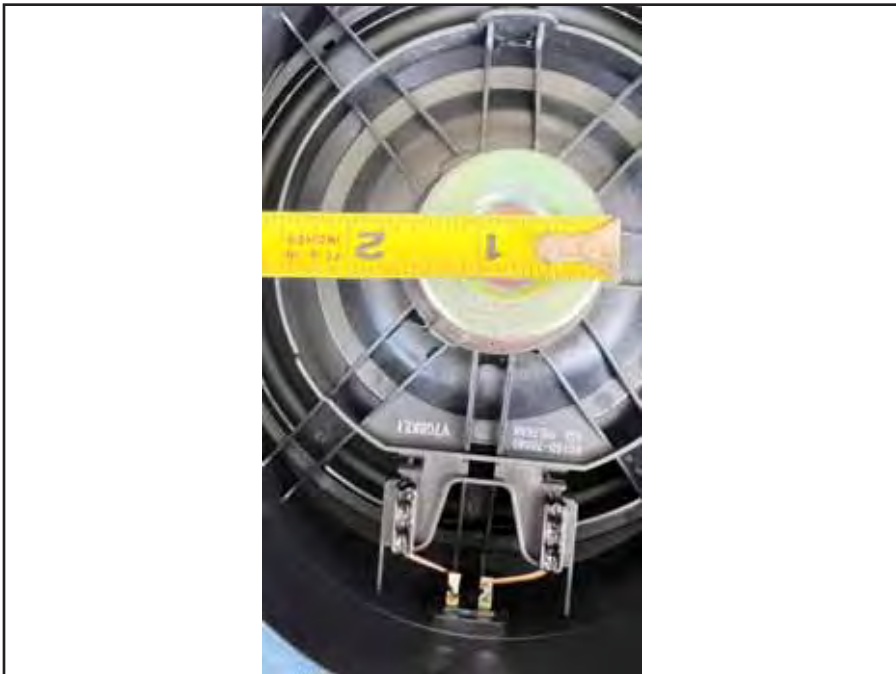


6. Starting at either lower corner, pry off door panel to release clips, disconnect harness and door release cable, then remove door panel.



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







# Rear door speakers

## REMOVAL INSTRUCTIONS

Tools Required: Panel tool, Phillips screwdriver

1. Remove carpet mat inside door pull cup, then remove one (1) exposed Phillips screw.
2. Starting at rear edge, pry up power switch panel to release clips, disconnect harnesses, then remove switch panel.
3. Pry off upper door trim panel to release seven (7) clips, disconnect harness, remove panel tether, then remove trim panel.
4. Remove one (1) Phillips screw exposed by removal of upper door trim panel.
5. Starting at either lower corner, pry off door panel to release clips, disconnect harnesses and door release cable, then remove door panel.
6. Remove seven (7) Phillips screws securing speaker assembly to door panel and remove assembly.
7. Remove ten (10) Phillips screws securing back panel of speaker assembly, then remove panel.
8. Remove three (3) Phillips screws securing speaker to speaker assembly, disconnect harness and remove speaker.

Difficulty Rating: 5 (must fabricate bracket)

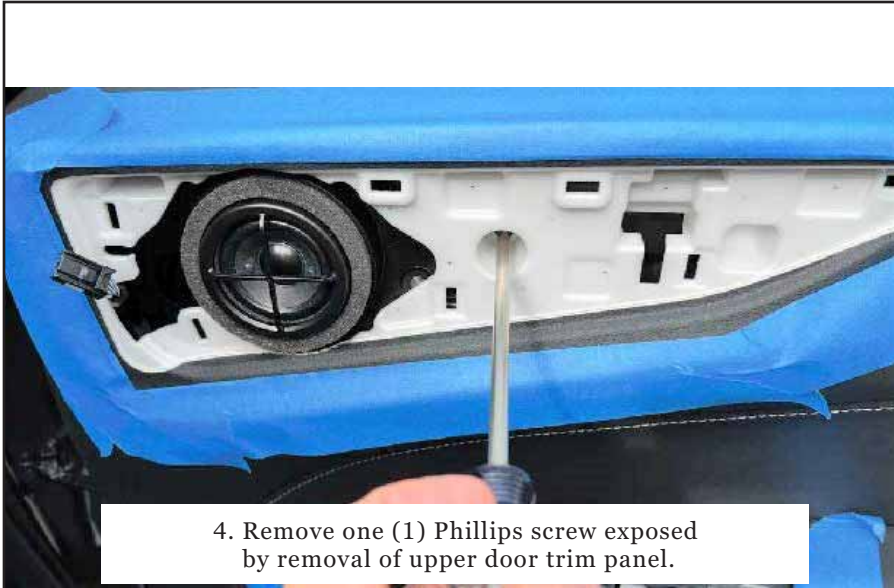
### Important information about your vehicle

- Use the factory speaker grilles.
- You'll need to fabricate a mounting bracket or spacer.
- A wiring harness is not available. You'll have to splice or tap the vehicle's speaker wires to your new speaker wires.

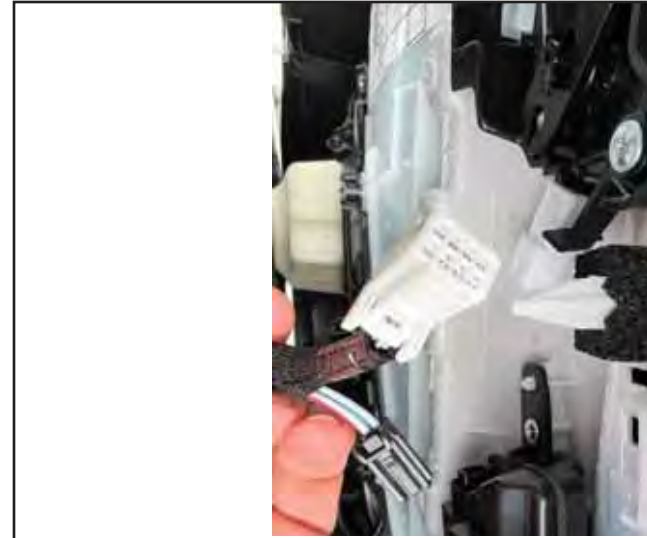




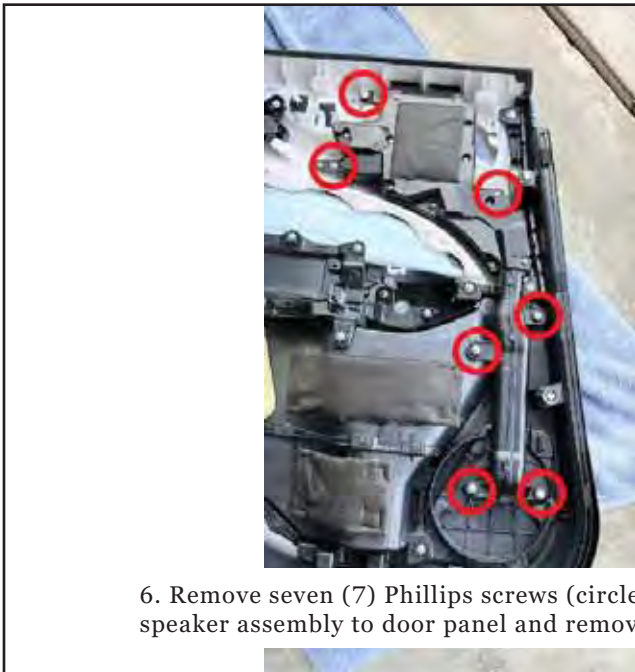




4. Remove one (1) Phillips screw exposed by removal of upper door trim panel.



5. Starting at either lower corner, pry off door panel to release clips, disconnect harnesses and door release cable, then remove door panel.



6. Remove seven (7) Phillips screws (circled) securing speaker assembly to door panel and remove assembly.





7. Remove ten (10) Phillips screws (circled) securing back panel of speaker assembly, then remove panel.



8. Remove three (3) Phillips screws (2 of 3 shown) securing speaker to speaker assembly, disconnect harness and remove speaker.



# Cargo floor subwoofer

We have not fully researched the subwoofer location at this time.

