

ResearchNotes™

Disassembly instructions from our Vehicle Research Team

2019–2021 Chevrolet Silverado 1500/GMC Sierra 1500

2020–up Chevrolet Silverado HD/GMC Sierra HD

2022 Chevrolet Silverado LTD/GMC Sierra Limited

2022 Chevrolet Silverado 1500/GMC Sierra 1500 (without 13.4" LCD)



CRUTCHFIELD®

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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.



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 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
Left front door speaker	Positive (+): blue, Negative (-): brown/blue
Right front door speaker	Positive (+): yellow, Negative (-): yellow/black
Left front corner dash tweeter	Positive (+): blue/violet or blue, Negative (-): blue/brown or brown/blue
Right front corner dash tweeter	Positive (+): white/yellow or yellow, Negative (-): brown/black or yellow/black
Left rear door speaker	Positive (+): green, Negative (-): green/black
Right rear door speaker	Positive (+): white, Negative (-): blue/black
Center console subwoofer	Positive (+): white/red, Negative (-): white/light green
Speed sense ¹	green/gray - passenger's kick panel, black 76-pin plug, pin 12
Reverse (+) ¹	green/white - passenger's kick panel, black 76-pin plug, pin 40 or radio tuner behind glove box, green 29-pin plug, pin 11 in base systems, gray 29-pin plug, pin 13 in Bose systems
Parking brake ¹	electric parking brake
Foot brake ¹	violet/white - Body Control Module under driver's dash, black 26-pin plug, pin 11

NOTES:

- The speaker wire colors listed above are at the speaker location unless otherwise noted.
- ¹If available, these wires and functions may also be generated by the OEM integration interface used when replacing the radio.



Dash display

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, Torx T15 driver, 8mm socket, ratchet and extension

1. Starting at bottom edges, pry off display trim panel to release nine (9) clips and remove trim panel.
2. Remove four (4) Torx T15 screws exposed by removal of display trim panel.
3. Remove one (1) 8mm screw from driver's side of lower dash panel, then pull toward rear of vehicle to release four (4) clips and remove panel.
4. Pry out lower center stack panel to release five (5) clips and remove panel.
5. Remove two (2) Torx T15 screws exposed by removal of lower center stack panel.
6. Pull display/climate control panel toward rear of vehicle to release four (4) clips, disconnect harnesses and remove panel.

Important information about your vehicle

- Radio replacement is not recommended at this time. Major modifications are required to install any aftermarket radio.





8" LCD



7" LCD

Note: Receiver replacement is not recommended. Radio removal is shown for OEM integration purposes only.



1. Starting at bottom edges, pry off display trim panel to release nine (9) clips and remove trim panel.





2. Remove four (4) Torx T15 screws
exposed by removal of display trim panel.





3. Remove one (1) 8mm screw from driver's side of lower dash panel, then pull toward rear of vehicle to release four (4) clips and remove panel.







5. Remove two (2) Torx T15 screws exposed by removal of lower center stack panel.



6. Pull display/climate control panel toward rear of vehicle to release four (4) clips, disconnect harnesses and remove panel.



Tuner/amplifier access (non-Bose® system)

Important information about your vehicle

- The tuner/amplifier is located beside the glove box.



Non-Bose® system tuner/amplifier wiring

Harness 1 of 2

PIN #	FUNCTION/POLARITY	COLOR
1	Function unknown at this time.	blue/red
2	Chassis ground	black/white
3	Constant 12 volts	red/yellow
4	Constant 12 volts	red/yellow
5	Left rear door speaker (-)	lt. green/black
6		
7	Chassis ground	white/black
8	Function unknown at this time.	black
9	Function unknown at this time.	blue/gray
10	Function unknown at this time.	gray/violet
11		
12	Function unknown at this time.	white
13	Function unknown at this time.	lt. green/white
14		
15	Function unknown at this time.	gray/blue
16-17		
18	Function unknown at this time.	brown/gray
19	Function unknown at this time.	blue
20	Function unknown at this time.	violet/white
21	Function unknown at this time.	brown/white
22	Function unknown at this time.	violet/blue

Harness 2 of 2

PIN #	FUNCTION/POLARITY	COLOR
1	Right rear door speaker (-)	blue/black
2	Right front door/dash speakers (+)	yellow
3	Left front door/dash speakers (+)	blue
4	Left rear door speaker (+)	lt. green
5	Right rear door speaker (+)	white
6		
7	Right front door/dash speakers (-)	yellow/black
8	Left front door/dash speakers (-)	brown/blue
9-10		
11	Function unknown at this time.	white/blue
12	Function unknown at this time.	gray/yellow
13		
14	Function unknown at this time.	blue
15	Function unknown at this time.	brown/black
16-29		

Tuner access (Bose® system)

ACCESS INSTRUCTIONS

Tools Required: Panel tool

1. Pry down passenger's under-dash trim panel to release three (3) clips and remove panel.
2. Pry junction connector clip off to release, but do not disconnect connector.

Important information about your vehicle

- This is the tuner location. We have not researched the Bose amplifier at this time.



Bose® tuner wiring

Harness 1 of 3

PIN #	FUNCTION/POLARITY	COLOR
1		
2	Chassis ground	black/white
3	Constant 12 volts	red/yellow
4	Constant 12 volts	red/yellow
5		
6	Chassis ground	black/white
7-10		
11	Function unknown at this time.	blue/black
12	Function unknown at this time.	violet/yellow
13	Function unknown at this time.	gray/black
14	Function unknown at this time.	gray/yellow
15-28		

Harness 2 of 3

PIN #	FUNCTION/POLARITY	COLOR
1-9		
10	Function unknown at this time.	lt. green/white
11	Function unknown at this time.	white/gray
12	Function unknown at this time.	blue/gray
13	Function unknown at this time.	white/lt. green
14	Function unknown at this time.	blue/lt. green
15-18		

Harness 2 of 3 (continued)

PIN #	FUNCTION/POLARITY	COLOR
19	Function unknown at this time.	white/lt. green
20-22		
23	Function unknown at this time.	white/blue
24-28		

Harness 3 of 3

PIN #	FUNCTION/POLARITY	COLOR
1	Function unknown at this time.	gray
2	Function unknown at this time.	white
3-4		
5	Function unknown at this time.	white
6	Function unknown at this time.	white
7		
8	Function unknown at this time.	gray
9	Function unknown at this time.	white
10-12		







Corner dash tweeters

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, small flat blade screwdriver, Torx T15 driver, tin snips, 7mm, 8mm and 10mm sockets, ratchet and extension

1. Pry out two (2) screw covers on front pillar trim panel and remove one (1) 10mm screw at each location.
2. Pry out top of pillar trim panel to release one (1) clip, then pull panel up to remove.
3. Pry off dash end cap panel to release six (6) clips and remove panel.
4. Remove one (1) 8mm screw and one (1) Torx T15 screw exposed by removal of dash end cap panel.
5. Pry out top of vent trim panel enough to access and pry out two (2) tabs, then pry up corner dash grille to release three (3) clips and remove grille.
6. Remove two (2) 7mm screws securing tweeter to dash, disconnect harness and remove tweeter.

Difficulty Rating: 2 (must cut open screw holes in new speaker's frame to align with factory screw holes)

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.
- In order to mount a speaker in this location, you will need to modify the speaker, speaker bracket or mounting surface by cutting or grinding off some material.





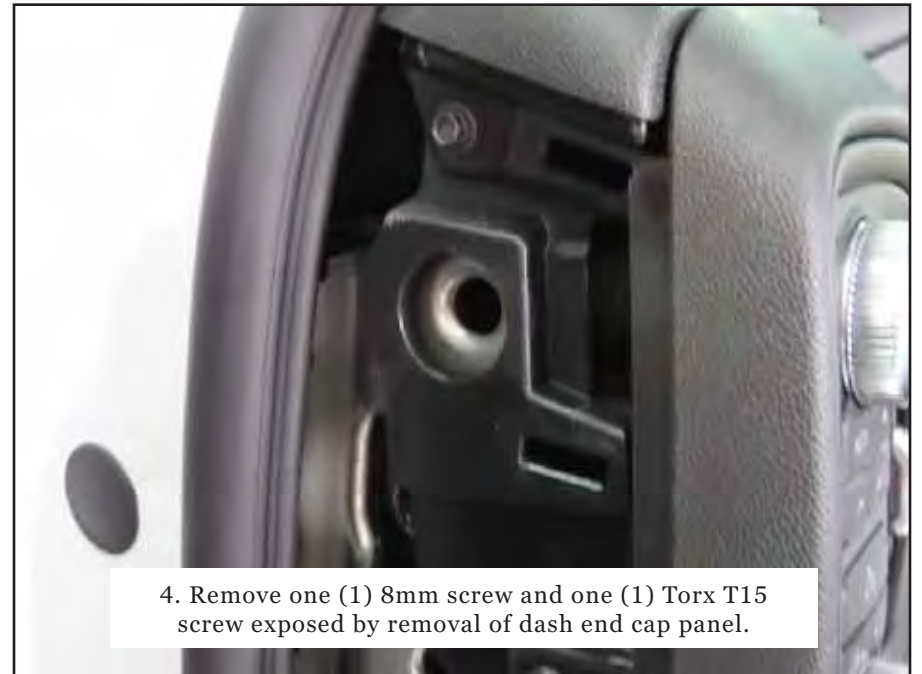




2. Pry out top of pillar trim panel to release one (1) clip, then pull panel up to remove.



3. Pry off dash end cap panel to release six (6) clips and remove panel.



4. Remove one (1) 8mm screw and one (1) Torx T15 screw exposed by removal of dash end cap panel.





6. Remove two (2) 7mm screws securing tweeter to dash, disconnect harness and remove tweeter.



Front door woofers

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, small flat blade screwdriver, 7mm socket, ratchet and extension

1. Using pry point, pry out screw cover behind door release handle, then remove one (1) exposed 7mm screw.
2. Starting at front/lower corner, pry off door pull handle outer cover to release seven (7) clips and remove.
3. Remove two (2) 7mm screws exposed by removal of door pull handle outer cover.
4. Remove two (2) 7mm screws along bottom edge of door panel.
5. Pry out sides and bottom of door panel to release eleven (11) clips, disconnect harness and door release cable, then remove door panel.
6. Remove one (1) 7mm screw securing top of speaker. Pry out top of speaker, then lift up to remove. Pry out harness clip, disconnect harness and remove speaker.

Difficulty Rating: 1

Important information about your vehicle

- Use the factory speaker grilles.
- You'll need speaker mounting brackets to install new speakers.
- To install 6-3/4" speakers, you'll need to remove the inner tabs on the aftermarket speaker bracket.













4. Remove two (2) 7mm screws along bottom edge of door panel.



5. Pry out sides and bottom of door panel to release eleven (11) clips, disconnect harness and door release cable, then remove door panel.





6. Remove one (1) 7mm screw securing top of speaker. Pry out top of speaker, then lift up to remove. Pry out harness clip, disconnect harness and remove speaker.





Rear door speakers

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, small flat blade screwdriver, 7mm socket, ratchet and extension

1. Using pry point, pry out screw cover behind door release handle, then remove one (1) exposed 7mm screw.
2. Starting at front/lower corner, pry off door pull handle outer cover to release six (6) clips and remove.
3. Remove two (2) 7mm screws exposed by removal of door pull handle outer cover.
4. Remove one (1) 7mm screw along bottom edge of door panel.
5. Pry out sides and bottom of door panel to release nine (9) or ten (10) clips, pry off harness clip, disconnect harness and door release cable, then remove door panel.
6. Remove one (1) 7mm screw securing top of speaker. Pry out top of speaker, then lift up to remove. Pry out harness clip, disconnect harness and remove speaker.

Difficulty Rating: 1

Important information about your vehicle

- Use the factory speaker grilles.
- You'll need speaker mounting brackets to install new speakers.
- To install 6-3/4" speakers, you'll need to remove the inner tabs on the aftermarket speaker bracket.



Double cab is shown. Disassembly is the same in the crew cab.



1. Using pry point, pry out screw cover behind door release handle, then remove one (1) exposed 7mm screw.





2. Starting at front/lower corner, pry off door pull handle outer cover to release six (6) clips and remove.



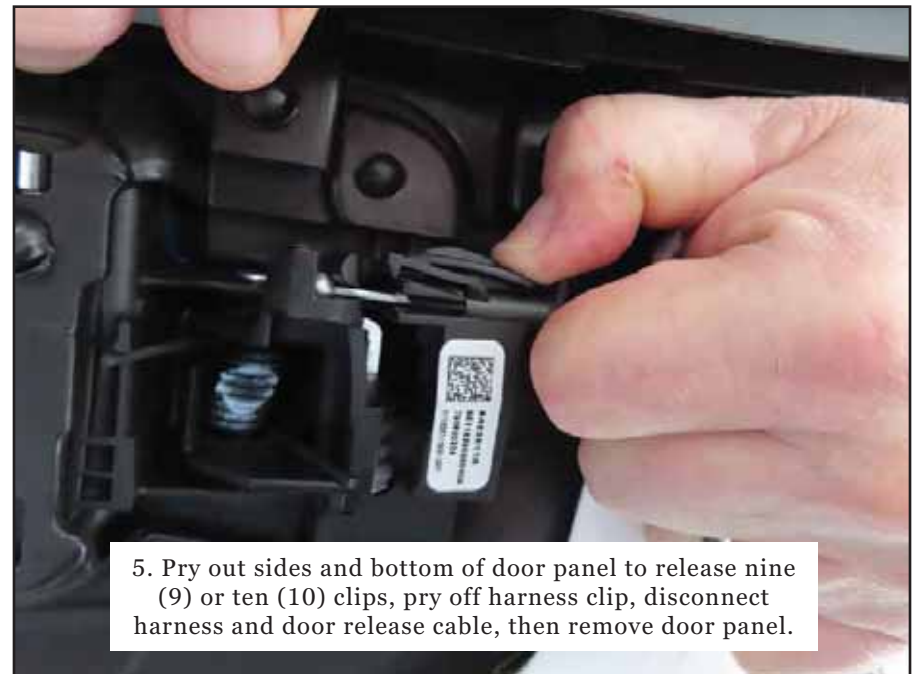


3. Remove two (2) 7mm screws exposed by removal of door pull handle outer cover.



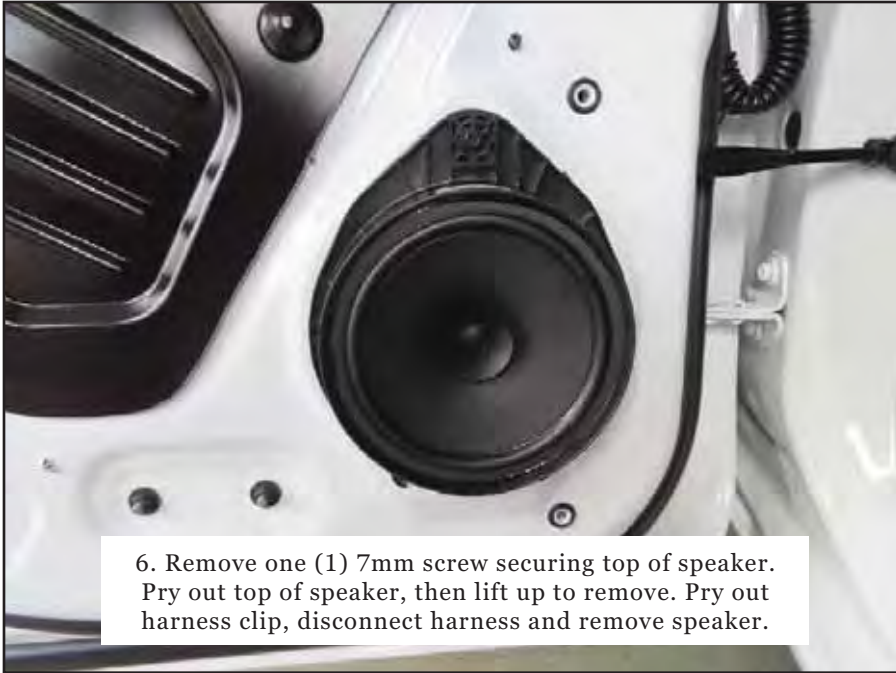


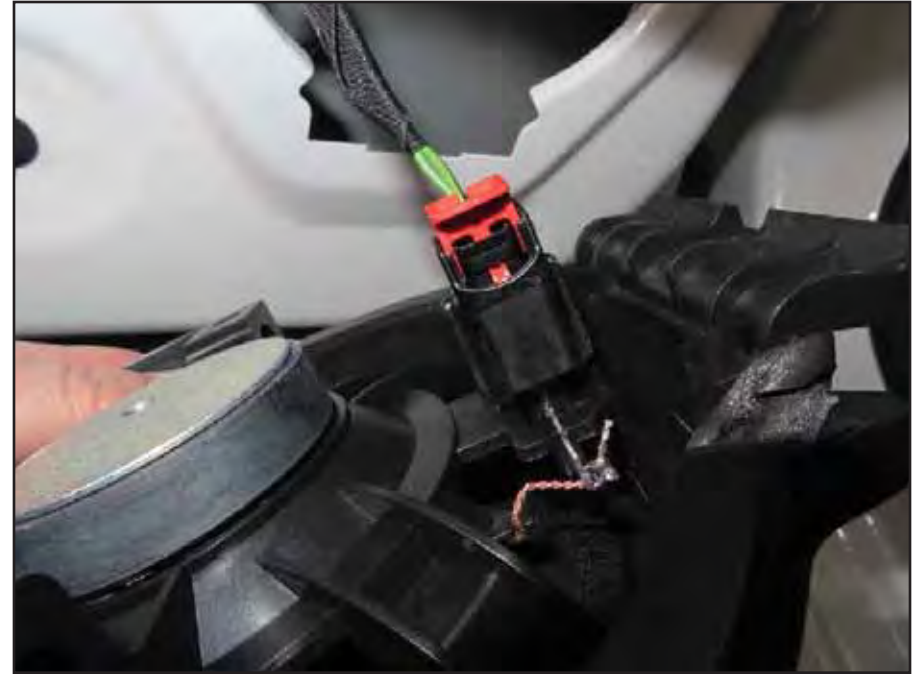
4. Remove one (1) 7mm screw along bottom edge of door panel.



5. Pry out sides and bottom of door panel to release nine (9) or ten (10) clips, pry off harness clip, disconnect harness and door release cable, then remove door panel.







Center console subwoofer

REMOVAL INSTRUCTIONS

Tools Required: Panel tool, Torx T15 driver, 7mm, 10mm and 1/4" sockets, ratchet and extension

1. Open center console lid.
2. Remove rubber mat inside center console storage compartment, then remove two (2) exposed 10mm screws.
3. Pry out screw cover on driver's side lower console trim panel, then remove one (1) exposed 7mm screw.
4. Starting at rear edge, pry out driver's side lower console trim panel to release eleven (11) clips, slide panel toward rear of vehicle, then remove panel.
5. Starting at rear edge, pry out passenger's side lower console trim panel to release twelve (12) clips, slide panel toward rear of vehicle, then remove panel.
6. Pry up center console top panel to release six (6) clips, disconnect harnesses and remove console panel.
7. Remove two (2) 7mm screws exposed by removal of center console top panel.
8. Pry up one (1) pushpin clip exposed by removal of center console top panel, then pry up harness clips.
9. Pry up rear cupholder rubber insert, then remove one (1) exposed Torx T15 screw.
10. Pry up rear cupholder trim panel to release four (4) clips and remove trim panel.
11. Remove one (1) Torx T15 screw exposed by removal of rear cupholder trim panel.
12. Pry off console back panel to release eight (8) clips, disconnect harnesses and remove panel.
13. Remove two (2) center pushpin clips securing rear ducts by first prying out center pin, then prying out entire clip.
14. Pry out harness clips in two (2) locations and disconnect harness.
15. Pull console toward rear of vehicle, pry out and disconnect harnesses and lift up console enough to access subwoofer enclosure.
16. Remove four (4) 10mm nuts securing enclosure to body, disconnect harness and remove enclosure.
17. Remove four (4) 1/4" screws securing subwoofer to enclosure, disconnect harness and remove subwoofer.

Difficulty Rating: 5 (Extensive disassembly required. Must fabricate bracket to fit 5-1/4" speaker.)

Important information about your vehicle

- Replacing the low-impedance factory speaker with a 4-ohm aftermarket speaker will result in lower volume levels.
- You'll need to fabricate a speaker mounting bracket or spacer.

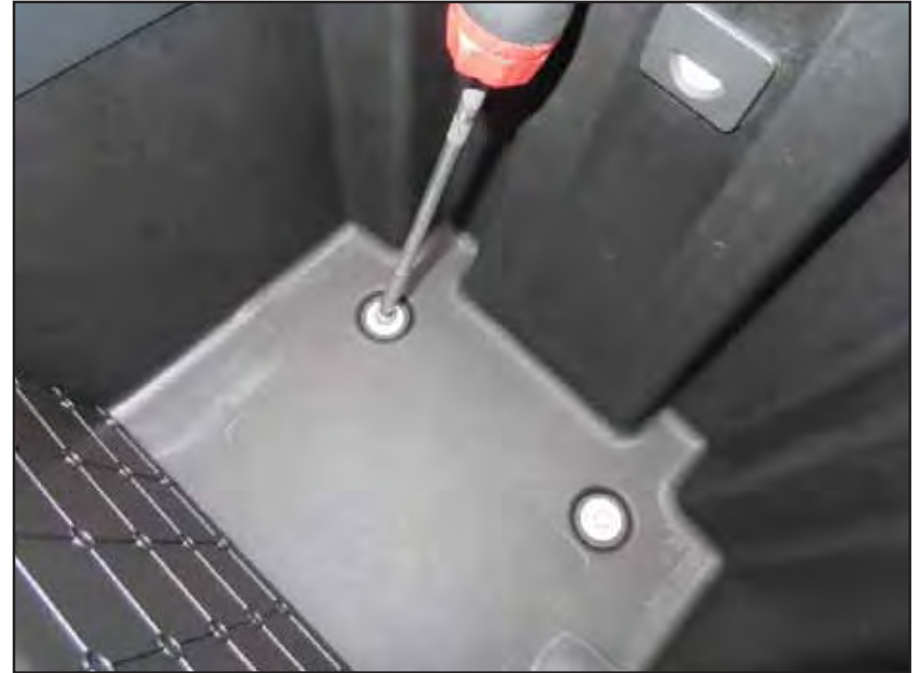


1. Open center console lid.





2. Remove rubber mat inside center console storage compartment, then remove two (2) exposed 10mm screws.



3. Pry out screw cover on driver's side lower console trim panel, then remove one (1) exposed 7mm screw.



4. Starting at rear edge, pry out driver's side lower console trim panel to release eleven (11) clips, slide panel toward rear of vehicle, then remove panel.





5. Starting at rear edge, pry out passenger's side lower console trim panel to release twelve (12) clips, slide panel toward rear of vehicle, then remove panel.



6. Pry up center console top panel to release six (6) clips, disconnect harnesses and remove console panel.



7. Remove two (2) 7mm screws exposed by removal of center console top panel.



8. Pry up one (1) pushpin clip exposed by removal of center console top panel, then pry up harness clips.





9. Pry up rear cupholder rubber insert, then remove one (1) exposed Torx T15 screw.

10. Pry up rear cupholder trim panel to release four (4) clips and remove trim panel.



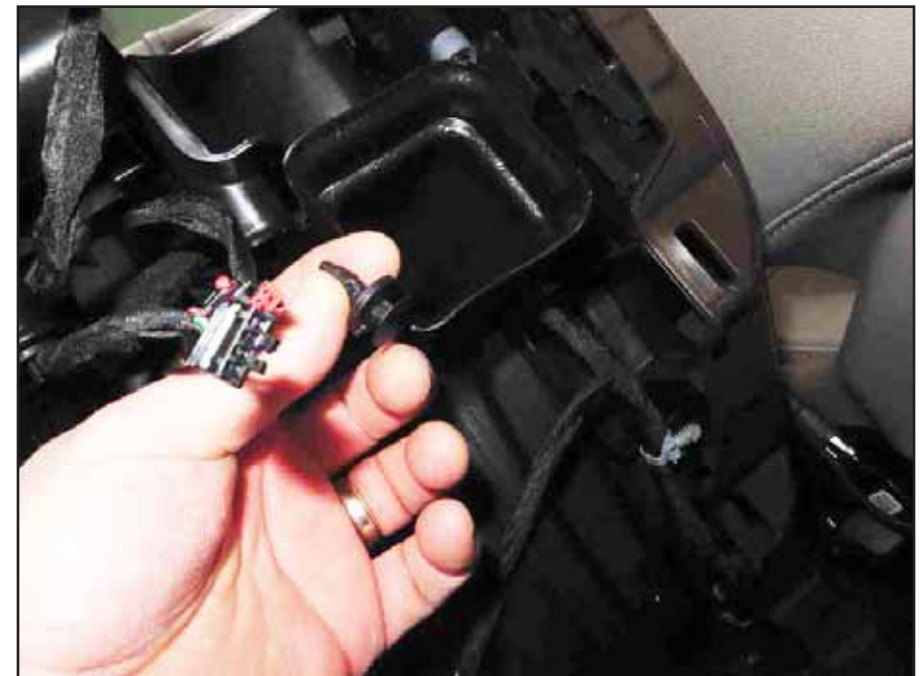


11. Remove one (1) Torx T15 screw exposed by removal of rear cupholder trim panel.



12. Pry off console back panel to release eight (8) clips, disconnect harnesses and remove panel.

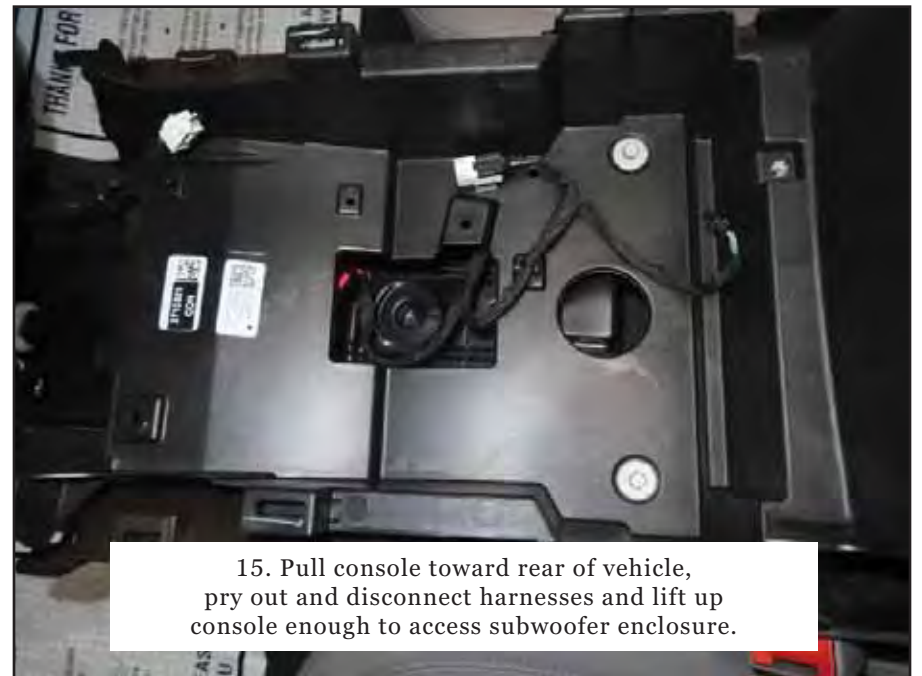






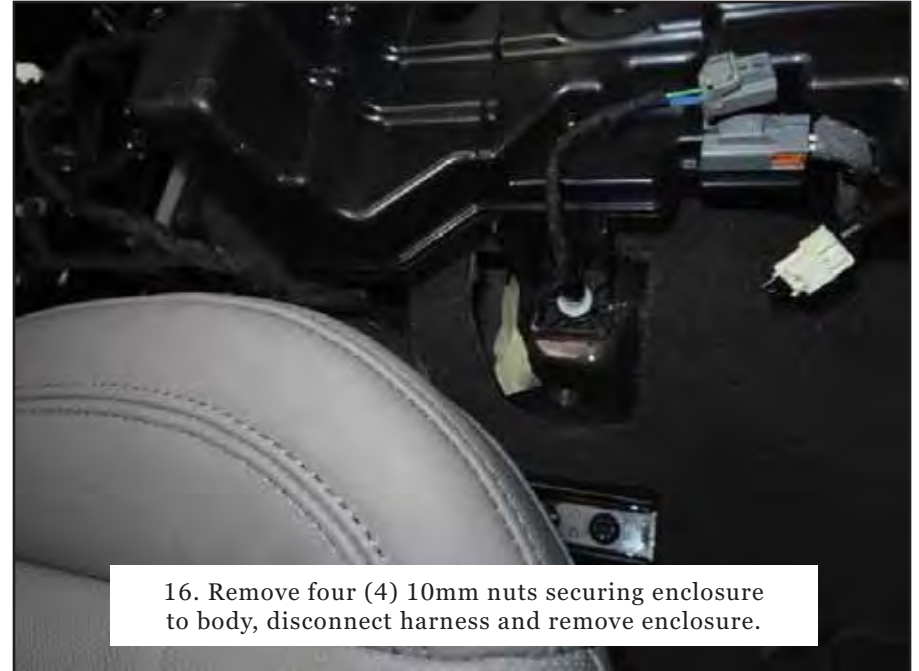
14. Pry out harness clips in two (2) locations and disconnect harness.





15. Pull console toward rear of vehicle, pry out and disconnect harnesses and lift up console enough to access subwoofer enclosure.





16. Remove four (4) 10mm nuts securing enclosure to body, disconnect harness and remove enclosure.







17. Remove four (4) 1/4" screws securing subwoofer to enclosure, disconnect harness and remove subwoofer.

