

MasterSheet

019 0021
Revision 10/10/17



Complete Car Audio
Installation Instructions
CRUTCHFIELD

**2015-
Ford Mustang**



IMPORTANT

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 **1-800-955-9094**.

Although reasonable attempts are made to verify the accuracy of the information contained in this MasterSheet, 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.




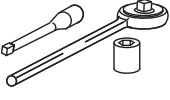
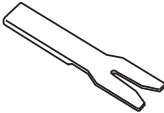

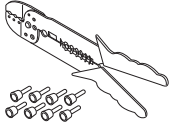
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Tools Required ▶

Small Flat Blade Screwdriver	7mm 10mm Socket, Ratchet & Extension	Panel Tool	Needle-Nose Pliers	Wire Strippers & Crimp Caps
				

IMPORTANT: Disconnect negative battery cable before all operations in order to avoid an electrical short or accidental airbag deployment.

Note: At this time, no aftermarket antenna is available from Crutchfield. A replacement antenna may be purchased from a local dealership.

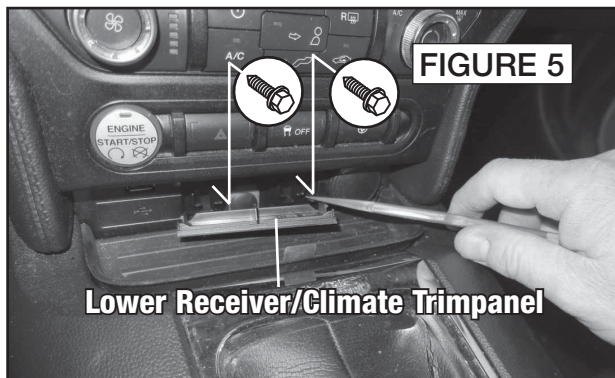
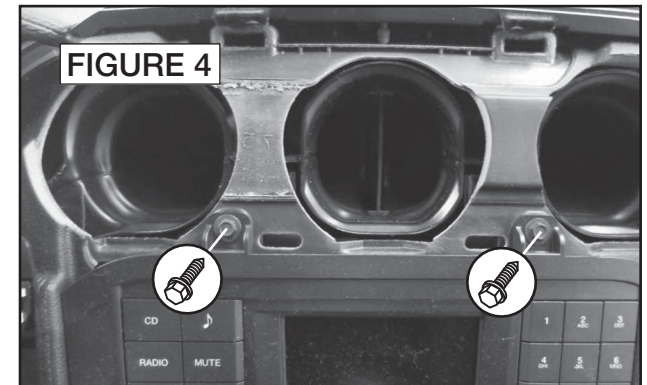
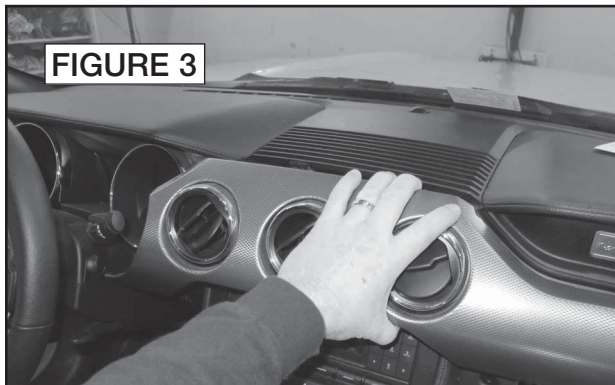
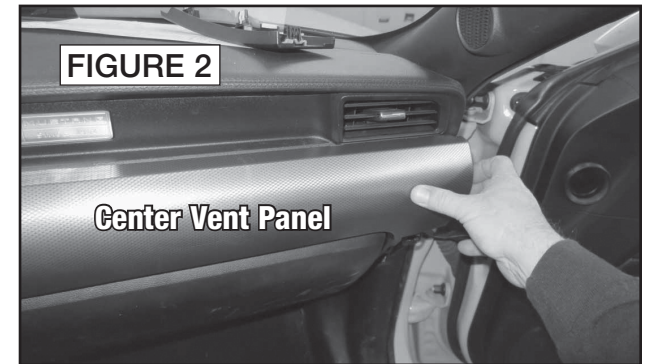
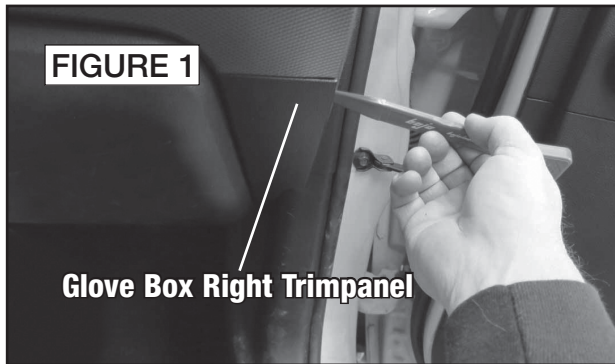
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Factory Radio Removal

1. Before proceeding, eject disc(s) from factory unit if present.
2. Set parking brake and disconnect negative battery cable to prevent any electrical short.
3. Pry off glove box right trimpanel to release three (3) clips and remove trimpanel (Figure 1).
4. Pry out all edges of center vent panel to release thirteen (13) clips and remove vent panel (Figures 2 & 3).
5. Remove two (2) 7mm screws exposed by removal of center vent panel (Figure 4).
6. Pry off lower receiver/climate trimpanel and remove two (2) exposed 7mm screws (Figure 5).
7. Remove rubber mat in forward console tray (Figure 6).

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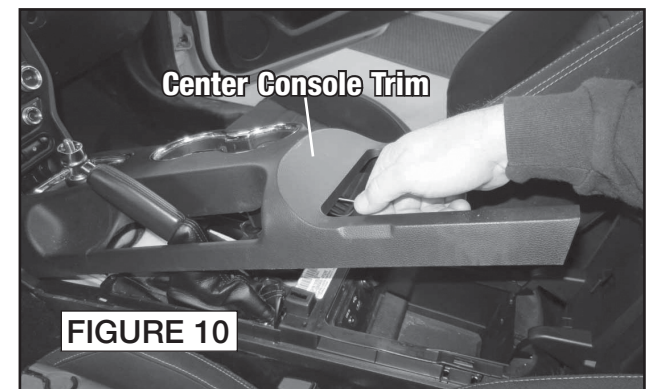
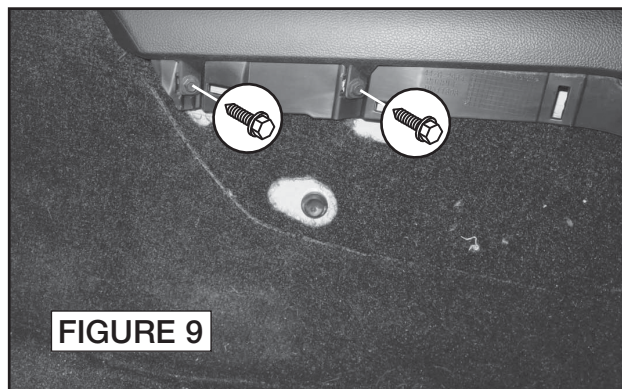
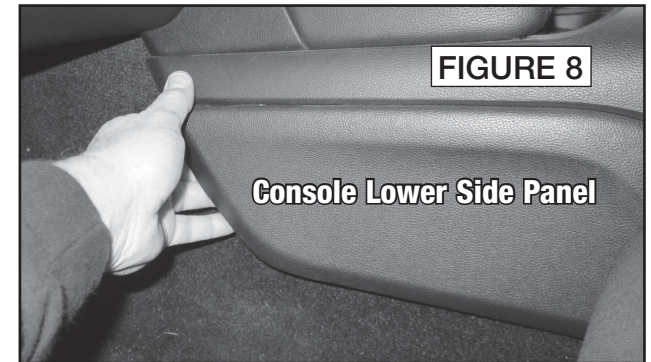
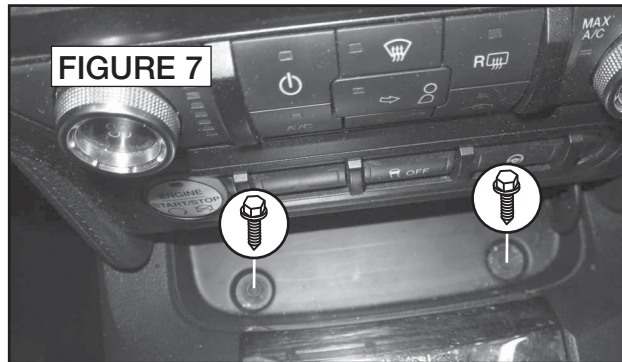
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Factory Radio Removal (continued)

8. Remove two (2) 7mm screws exposed by removal of rubber mat (Figure 7).
9. Pry off console lower side panel to release six (6) clips. Remove two (2) exposed 7mm screws (Figures 8 & 9).
10. Repeat step 9 for the other side of the console.
11. Open center console storage compartment lid. Pry up top of center console trim to release clips and pull back enough to access console pocket tray and receiver climate control panel (Figure 10).
12. Remove console pocket tray (Figure 11).
13. Pry out receiver/climate control panel to release four (4) clips. Disconnect wiring harness and remove control panel (Figure 12).

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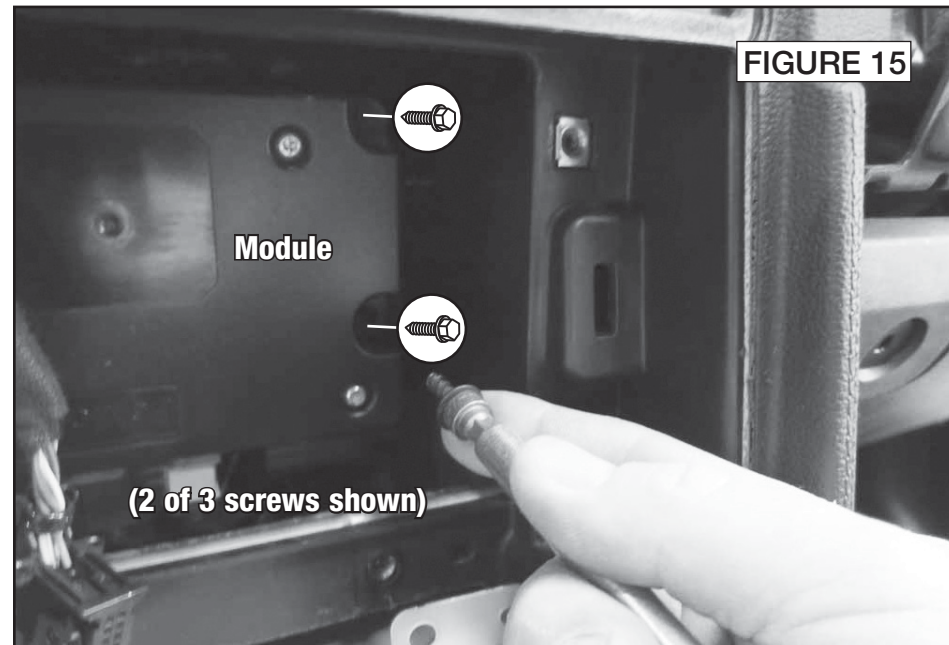
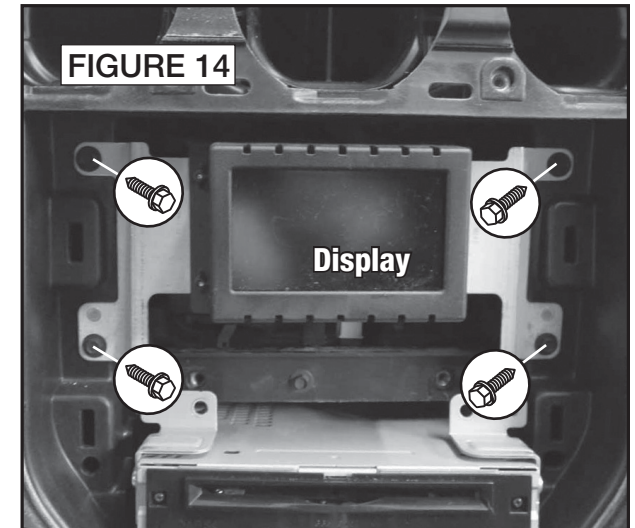
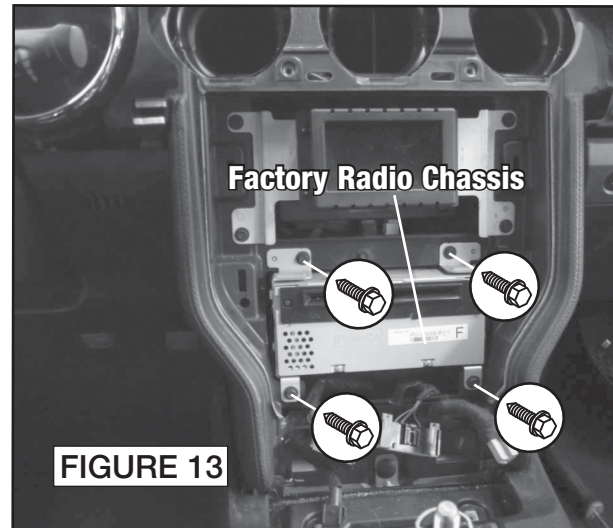
Factory Radio Removal (continued)

14. Remove four (4) 7mm screws securing factory radio chassis (Figure 13).

Note: The removal of the display and module is required to remove radio chassis. The wiring harnesses are very short and are difficult to disconnect. Use the following steps to disconnect.

15. Remove four (4) 7mm screws securing display to dash. Disconnect harness and remove display (Figure 14).

16. Remove three (3) 7mm screws securing module to sub-dash. Lift module, disconnect harnesses on radio chassis and remove chassis (Figure 15).



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Receiver Installation

NOTES:

Please read first

- Check to make sure the Crutchfield receiver wiring adaptor plugs into the vehicle receiver harness. If the Crutchfield adaptor is incorrect, please call our **Technical Support Department at 1-800-955-9094.**

Installation of an aftermarket receiver will require modification to the dash. Please follow instructions supplied with the dash kit to make modifications.

1. Secure receiver to mounting bracket and make wiring connections following instructions supplied with the dash and wiring kit received from Crutchfield.
2. Hold receiver assembly near dash. Connect receiver wiring adaptor to vehicle harness. Using the antenna adaptor, plug antenna lead into rear of receiver. Plug in any other accessories to be used with the receiver.
3. Slide assembly into dash and secure with screws previously removed.
4. Test receiver operation and reassemble dash by reversing removal steps.



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Front Pillar Speakers

NOTES:

Please read first

- Instructions show factory size speakers or speakers with adaptor brackets only. Cutting or fabrication (not shown) will be required for other speaker sizes.



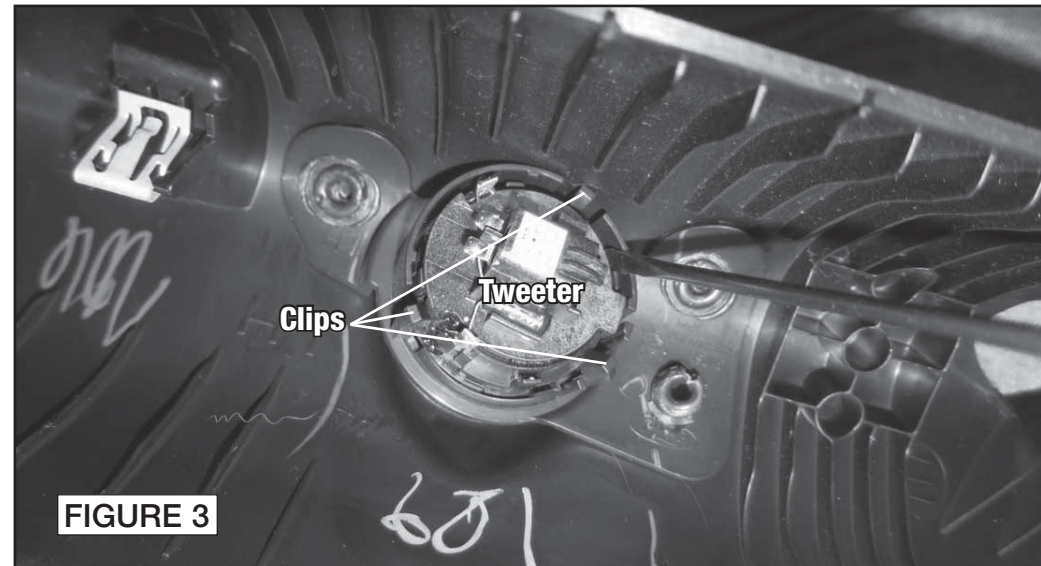
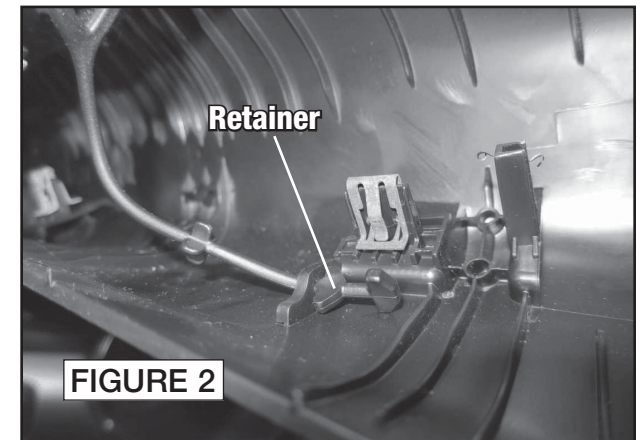
IMPORTANT

No speaker wiring adaptor is available at this time from Crutchfield for this speaker location. It will be necessary to splice wires in order to install an aftermarket speaker.

No speaker adaptor bracket is available at this time for this location. A mounting bracket must be fabricated in order to install an aftermarket speaker.

It is possible that the replacement speakers do not have screws supplied. It may be necessary to acquire mounting hardware.

1. Starting at the top edge, pry out pillar trimpanel to release two (2) retaining clips. Twist panel retainer to release from panel (Figures 1 & 2).
2. Pull bottom of trimpanel toward rear of vehicle. Tilt trimpanel toward center of vehicle. Disconnect wiring harness and remove panel.
3. Pry tweeter out to release three (3) clips and remove tweeter (Figure 3).
4. Fabricate a speaker mounting bracket and secure new speaker to bracket.
5. Make wiring connections following instructions on page 11. Return to this page to complete installation.
6. Secure speaker/bracket assembly to location.
7. Test speaker operation and reassemble pillar area by reversing disassembly steps.



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Door Speakers

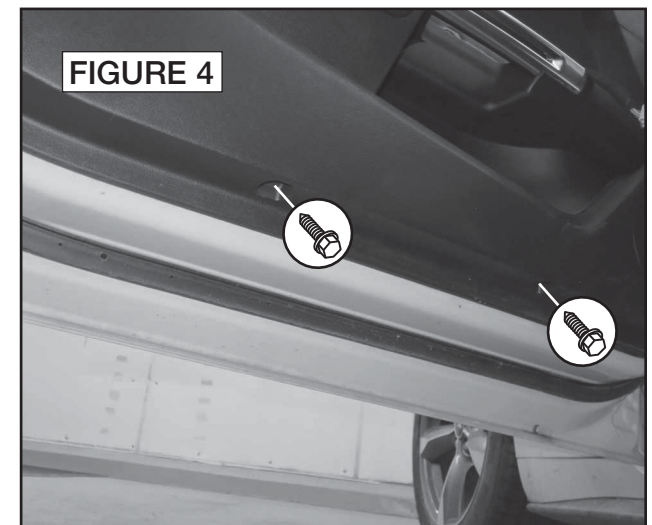
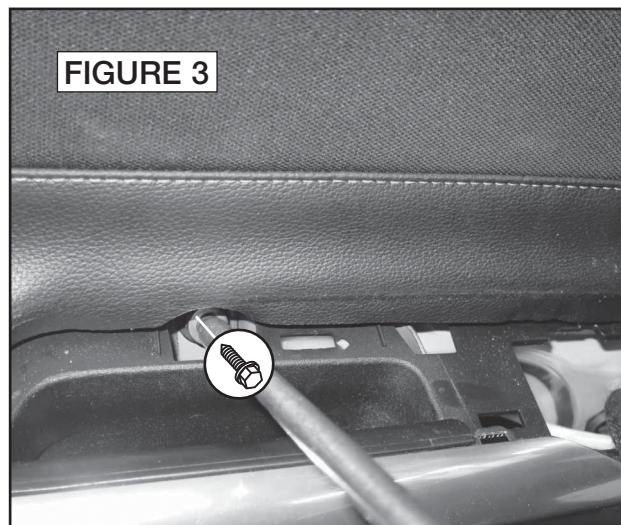
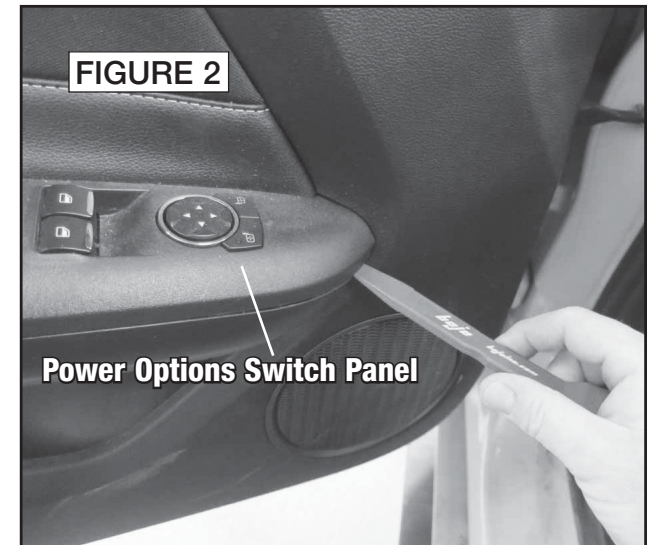
NOTES:

Please read first

- Instructions show factory size speakers or speakers with adaptor brackets only. Cutting or fabrication (not shown) will be required for other speaker sizes.

1. Starting at the front edge, pry out screw cover behind door release to release one (1) clip and remove screw cover. Remove one (1) exposed 7mm screw (Figure 1).
2. Starting at the front edge, pry up power options switch panel to release five (5) clips. Disconnect wiring harness and remove panel (Figure 2).
3. Remove one (1) 10mm screw exposed by removal of power options switch panel (Figure 3).
4. Remove two (2) 7mm screws along bottom edge of door panel (Figure 4).

Continued on the next page.



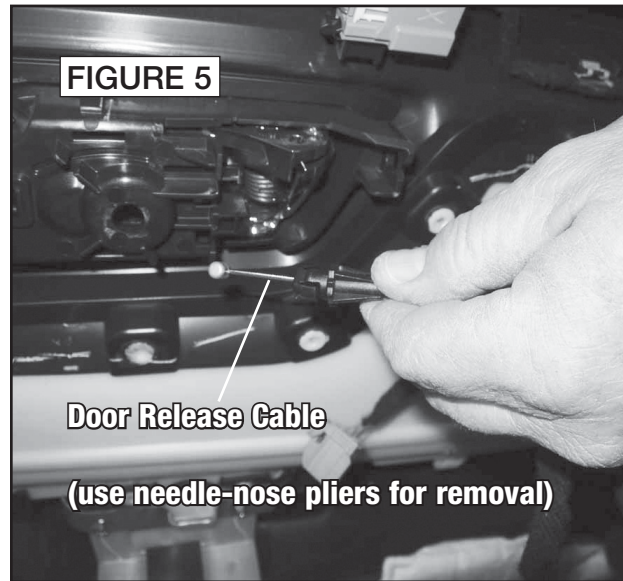
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Door Speakers (continued)

5. Pry out sides of door panel to release seven (7) clips. Lift panel, disconnect wiring harnesses and door release cable. Remove door panel (Figures 5 & 6).
6. Remove three (3) 7mm screws securing speaker. Pull out speaker, disconnect and remove (Figure 7).
7. Secure new speaker to adaptor bracket.
8. Connect speaker wiring adaptor of replacement speaker to vehicle speaker harness. Secure speaker/bracket assembly to location.
9. Test speaker operation and reinstall door panel by reversing removal steps.



SAFETY CHECK

- Check that wires do not interfere with window operation.
- Test door lock and release operation.



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Rear Deck Speakers

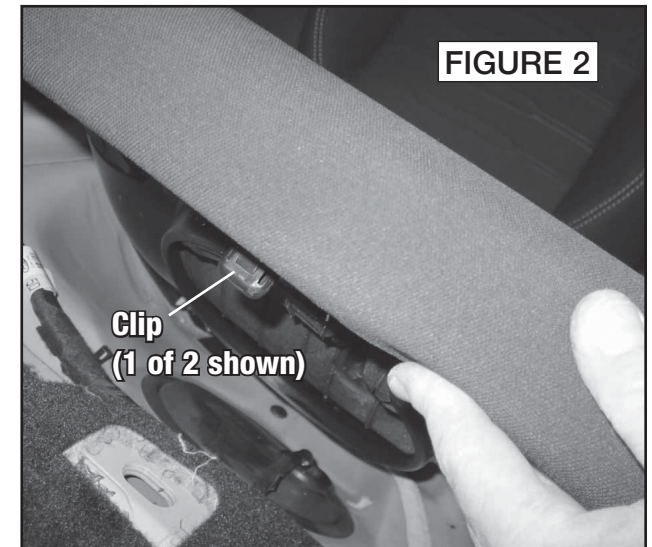
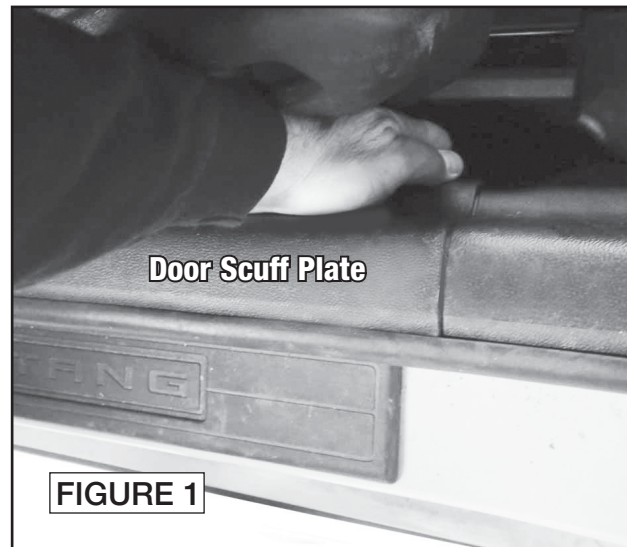
NOTES:

Please read first

- Instructions show factory size speakers or speakers with adaptor brackets only. Cutting or fabrication (not shown) will be required for other speaker sizes.

1. Pry up door scuff plate to release seven (7) clips and remove plate. Repeat this step on the opposite side of vehicle (Figure 1).
2. Press in top of two (2) clips along front edge of rear seat bottom cushion to release. Lift cushion and pull toward the front of vehicle to remove (Figure 2).
3. Fold down both rear seat back cushions.
4. Pry out rear side panel to release seven (7) clips. Work seat belt through slot in panel and remove. Repeat this step on the opposite side of vehicle (Figure 3).

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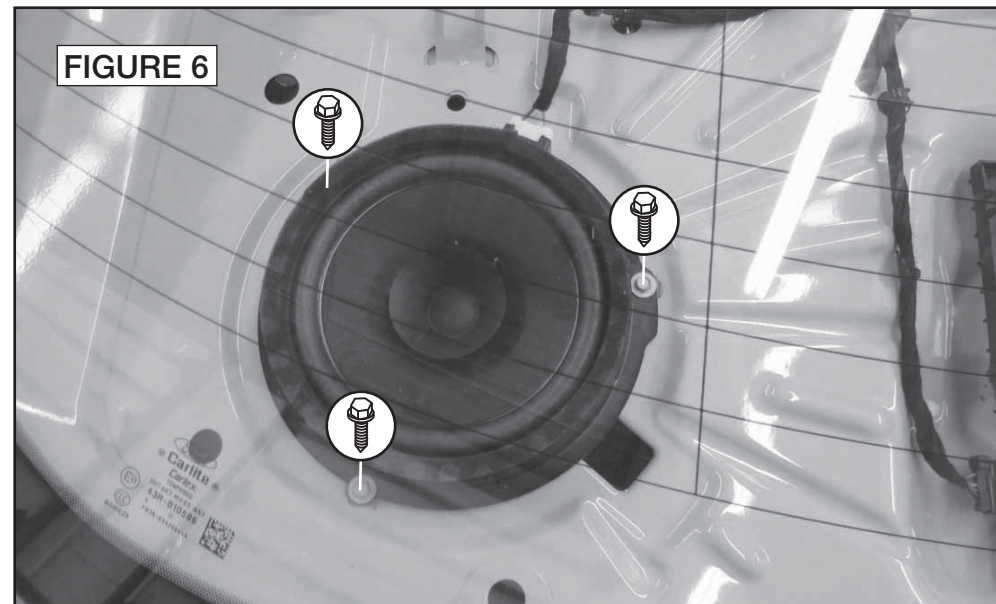
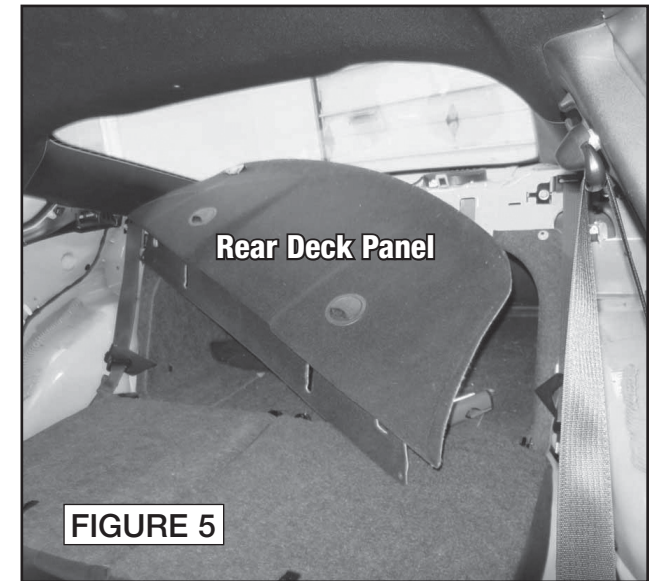
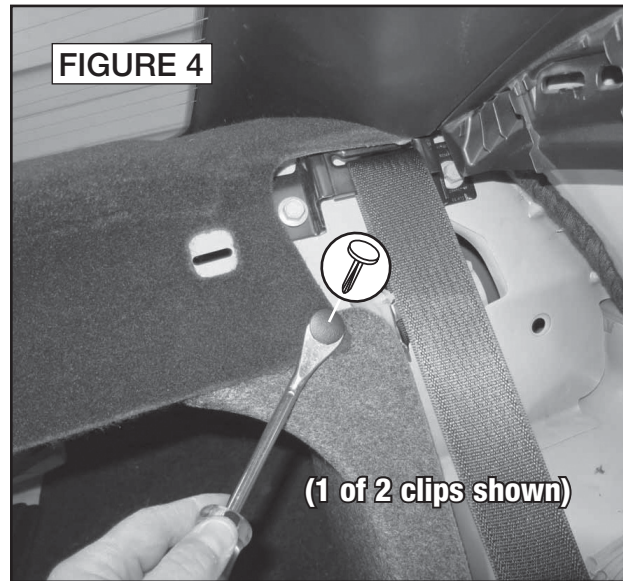
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Rear Deck Speakers (continued)

5. Pry out two (2) retaining clips along front edge of rear deck panel (Figure 4).
6. Pull rear deck panel toward front of vehicle to remove (Figure 5).
7. Remove three (3) 7mm screws securing speaker. Pull out speaker, disconnect and remove (Figure 6).
8. Secure new speaker to adaptor bracket.
9. Connect speaker wiring adaptor of replacement speaker to vehicle speaker harness. Secure speaker/bracket assembly to location.
10. Test speaker operation and reassemble rear of vehicle by reversing disassembly steps.



SAFETY CHECK

- Make sure seats and seat belts are secured to manufacturer's specifications.



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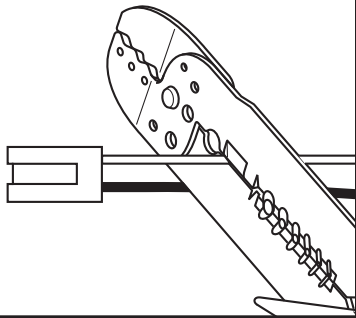
Wire Splicing Guide

These methods can be used to make wiring connections if no receiver or speaker wiring adaptor is available. Wire color information (if available) can be found on the next page.

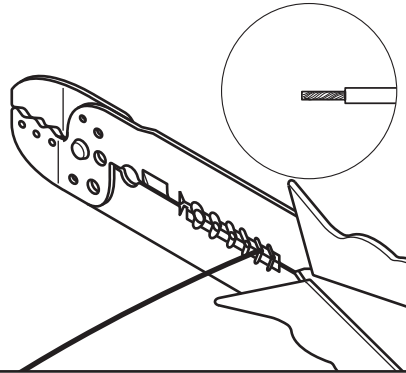
CRIMP METHOD

Factory harness is removed. Save harness if it is to be reconnected in the future by this method.

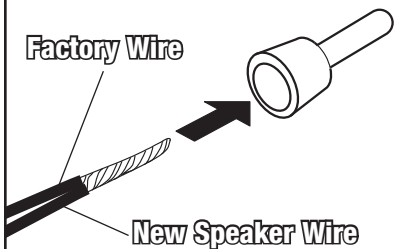
1. Cut factory wires behind factory speaker harness.



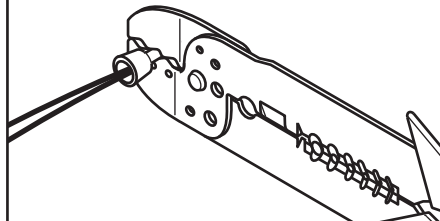
2. Strip end of each wire back 1/2".



3. Twist each positive pair of wires together and insert in crimp cap. Repeat step for negative wires.



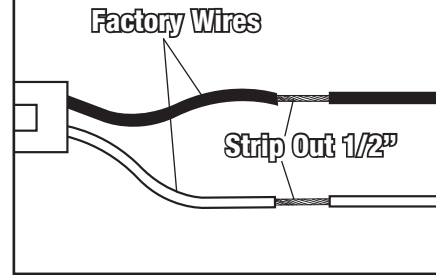
4. Squeeze middle of cap for tight connection.
5. Connect new wires to speaker with spade connectors.



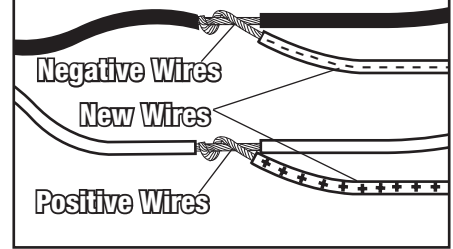
SOLDER METHOD

New speaker wires are spliced into factory wires behind harness.

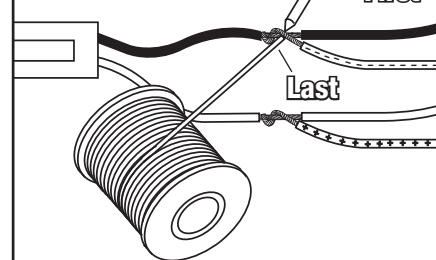
1. Carefully strip out a 1/2" section on each factory speaker wire behind the factory speaker harness.



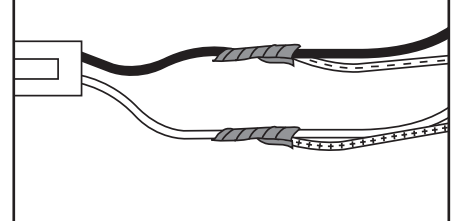
2. Twist wires from new speaker to stripped sections of factory wires as shown making sure polarity is correct.



3. Heat wires first with soldering iron, then touch solder to wires for solid connections.



4. Wrap wiring connections with electrical tape.
5. Connect new wires to speaker with spade connectors.



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Wire Splicing Guide (continued) NOTE: In most cases a speaker wiring adaptor is available from Crutchfield and splicing will not be necessary. If no adaptor is available, use this chart as a guide to match and splice wires.

Wire Location	Wire Color
Left front door speaker	positive (+): white or green, negative (-): white/brown or gray
Left front mid/tweeter (with amplifier)	positive (+): green/blue, negative (-): gray/blue
Right front door speaker	positive (+): white/violet or violet, negative (-): white/orange or yellow
Right front mid/tweeter (with amplifier)	positive (+): violet/gray, negative (-): yellow/gray
Center channel speaker	positive (+): green, negative (-): gray/yellow
Left rear door speaker	positive (+): white/green or green/white negative (-): brown or brown/yellow
Right rear door speaker	positive (+): brown/white or violet/white, negative (-): brown/blue or blue
Subwoofer (preamp signal)	positive (+): violet/green, negative (-): green/white
Vehicle speed sense ¹	(2.3L engine) PCM ² , 95-pin plug, pin 12 or 26 - brown/green (3.7L or 5.0L engine) - PCM ² , 95-pin plug, pin 12 or 26 - yellow/orange
Reverse (+) ¹	BCM ³ , 36-pin plug (J3), pin 11 - green/brown
Parking brake ¹	Parking brake switch or BCM ³ , blue 52-pin plug (J5), pin 47 - white/violet
Foot brake	Brake switch or BCM ³ , black 22-pin plug (J1), pin 1 - violet/white
Notes: <ul style="list-style-type: none"> • If equipped with a factory amplifier, the amplifier will be located above the driver's kick panel. • ¹The radio replacement interface will also provide these signals. • ²PCM (Power Control Module) is located under the hood next to the fuse box. • ³BCM (Body Control Module) is located in the passenger's kick panel. 	