

MasterSheet

022 0029
Revision 07/07/15



Complete Car Audio Installation Instructions **CRUTCHFIELD**

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**.

Inside...

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 ▶

#1 & #2 Phillips Screwdrivers	Small Flat Blade Screwdriver	8mm	10mm	Panel Tool	Drill & 1/8" Bit	Hacksaw	Wire Strippers & Crimp Caps

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

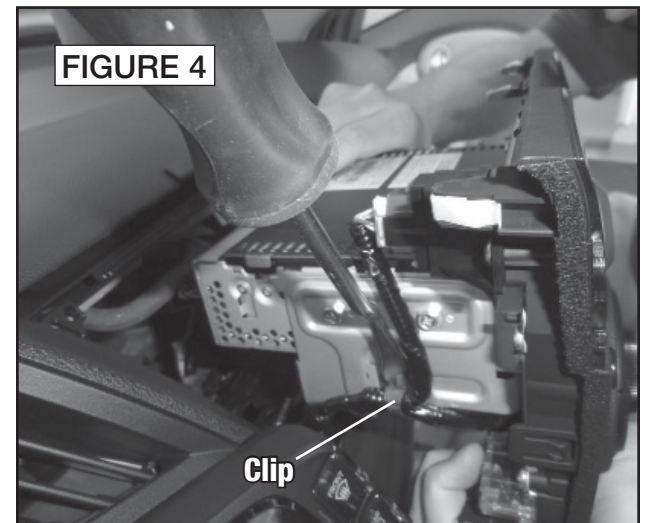
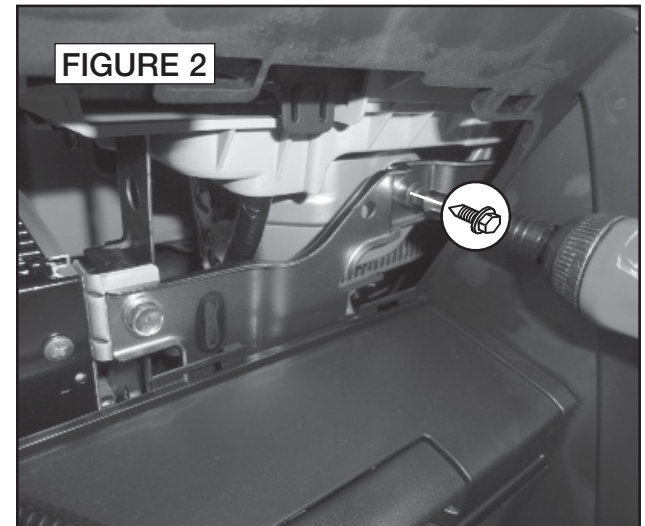
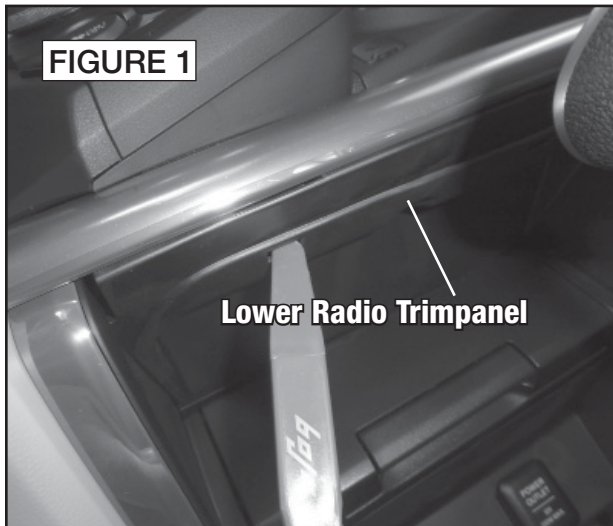
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Factory Radio Removal

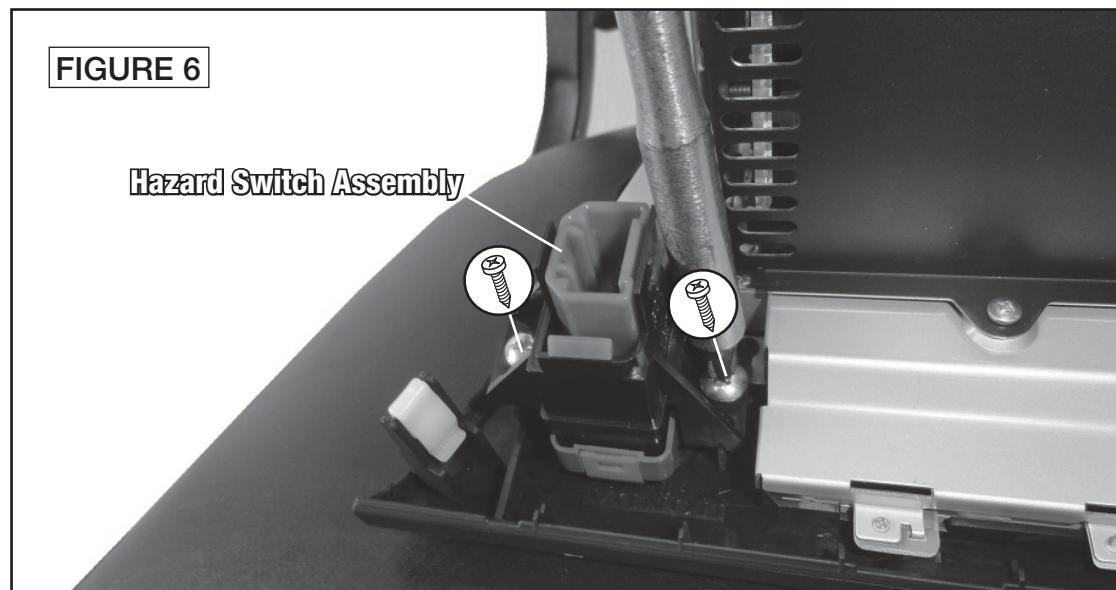
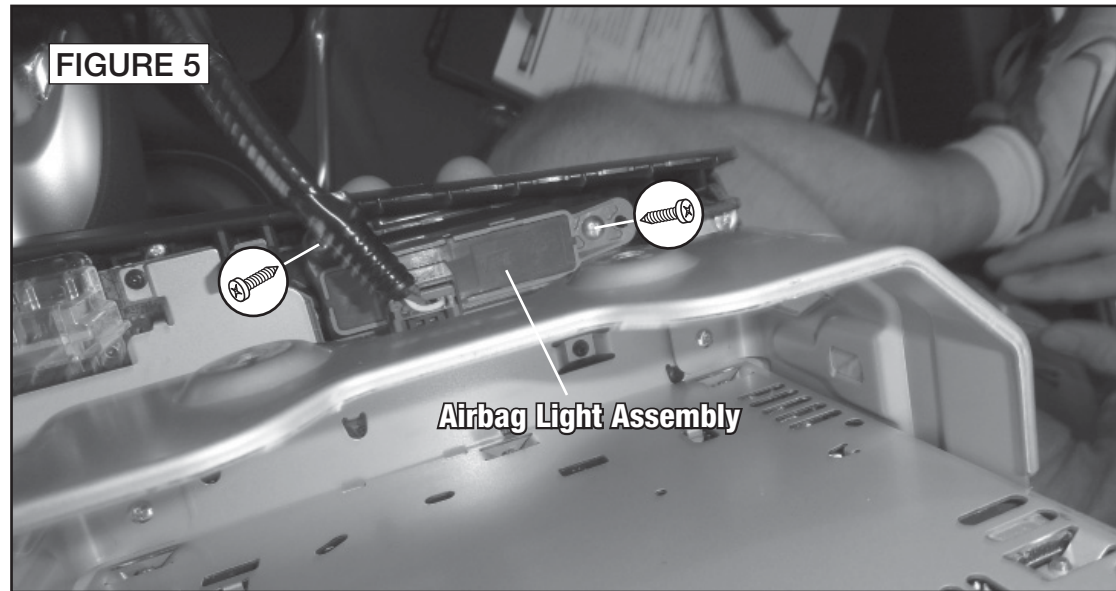
1. Before proceeding, eject disc(s) from factory unit if present.
2. Set parking brake and disconnect negative battery cable to prevent any electrical short.
3. Pry downward on lower radio trimpanel to release clips. Disconnect wiring harness and remove panel (Figure 1).
4. Remove one (1) 8mm screw exposed by removal of lower radio trimpanel (Figure 2).
5. Lift storage compartment lid on top of dash. Pry out factory radio to release six (6) clips (Figure 3).
6. Disconnect radio wiring harnesses. Pry out clip on driver's side of radio chassis (Figure 4).

Continued on the next page.



Factory Radio Removal (continued)

7. Remove two (2) #1 phillips screws securing passenger airbag light assembly to receiver faceplate. Remove light assembly (Figure 5).
8. Remove two (2) phillips screws securing hazard switch assembly to receiver faceplate and remove assembly (Figure 6).
9. Remove receiver assembly.



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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**.

A Standard DIN unit is shown. A Double-DIN receiver may also be installed following these same steps.

1. Secure receiver to mounting bracket following instructions supplied with the dash kit.
2. Make wiring connections following instructions supplied with the receiver wiring adaptor received from Crutchfield.
3. Hold receiver assembly near dash. Connect receiver wiring adaptor to vehicle harness. Using the antenna adaptor, plug antenna lead into rear of receiver.
4. Slide assembly into dash to engage clips and secure with one (1) screw previously removed.
5. Test operation and reassemble dash by reversing removal steps.



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Corner Dash Tweeters

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 rear edge, pry up corner dash grille to release clips. Disconnect wiring harness and remove grille (Figure 1).
2. Pry out tweeter to release three (3) tabs and remove (Figure 2).
3. Fabricate a speaker mounting bracket and secure speaker to bracket.
4. Make wiring connections following instructions on page 11. Return to this page to complete installation.
5. Secure speaker/bracket assembly to location.
6. Test speaker operation and reinstall speaker grille.



FIGURE 1



FIGURE 2



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Front 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.

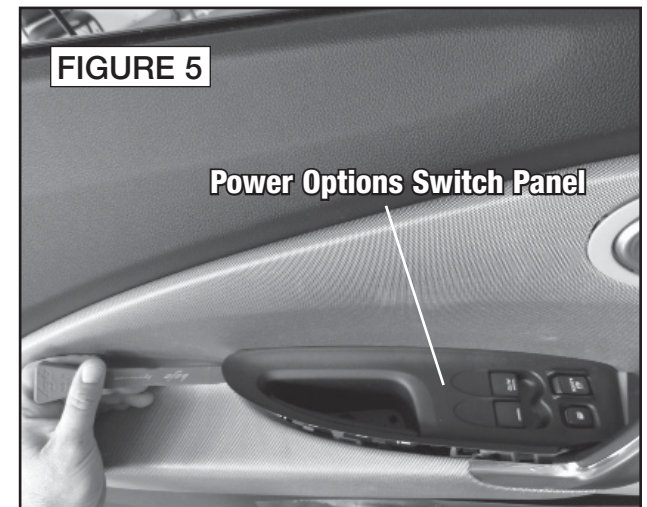
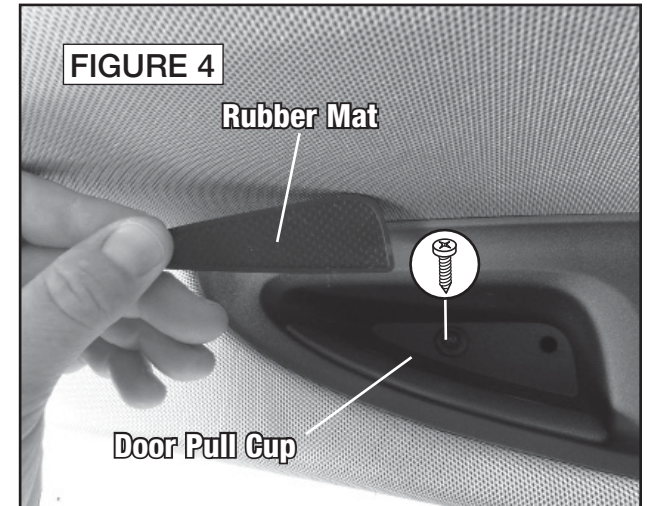
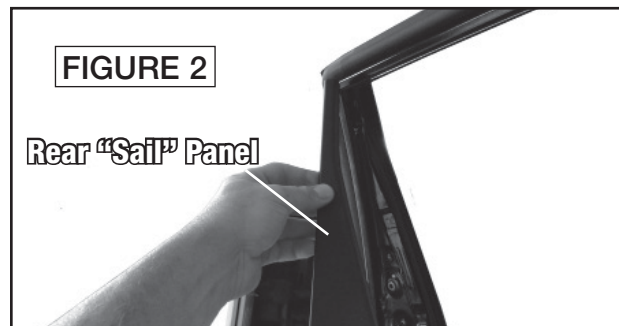


IMPORTANT

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

1. Pry out front "sail" panel to release clips and remove (Figure 1).
2. Pry out rear "sail" panel to release clips and remove (Figure 2).
3. Pry out screw cover behind door release and remove two (2) phillips screws (Figure 3).
4. Pull up rubber mat in door pull cup and remove one (1) exposed phillips screw (Figure 4).
5. Starting at rear edge, pry up power options switch panel to release one (1) clip. Disconnect wiring harness and remove panel (Figure 5).

Continued on the next page.



Front Door Speakers (continued)

6. Remove one (1) phillips screw exposed by removal of power switch panel (Figure 6).
7. Pry out sides and bottom of door panel to release eight (8) clips. Work door release assembly through opening in door panel. Twist courtesy light bulb to remove. Pry out courtesy light harness clip and remove door panel (Figures 7 & 8).
8. Remove one (1) phillips screw securing top of speaker. Pry out top of speaker, then lift speaker, disconnect wiring harness and remove (Figure 9).
9. Secure speaker to adaptor bracket.
10. Connect speaker wiring adaptor of replacement speaker to vehicle speaker harness. Secure speaker/bracket assembly to location.
11. Test speaker operation and reinstall door panel by reversing removal steps.

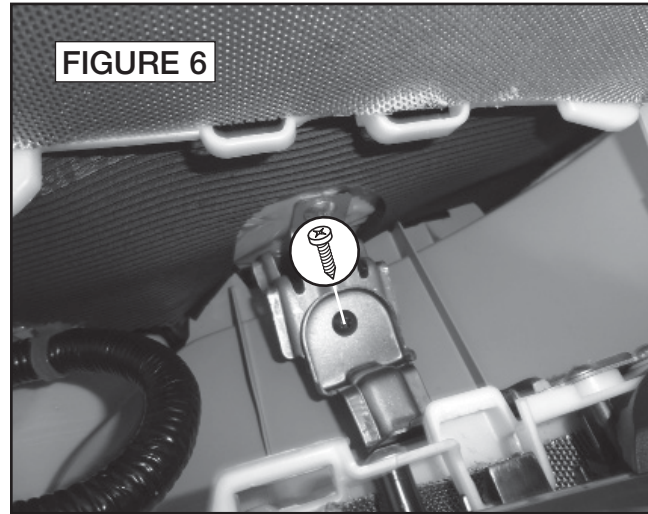


FIGURE 6

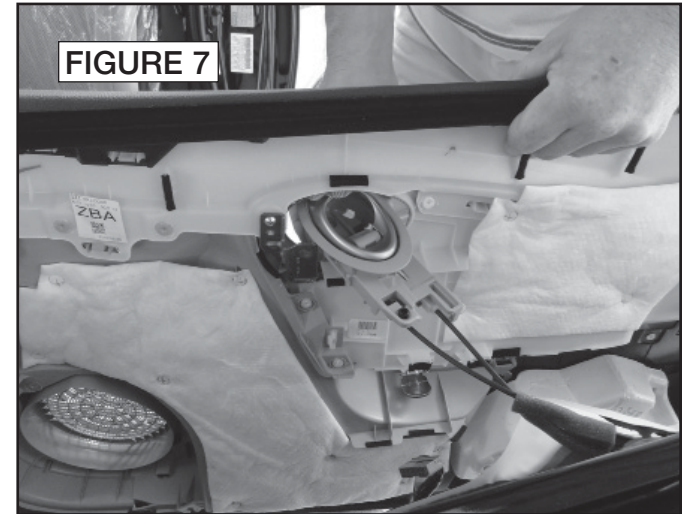


FIGURE 7

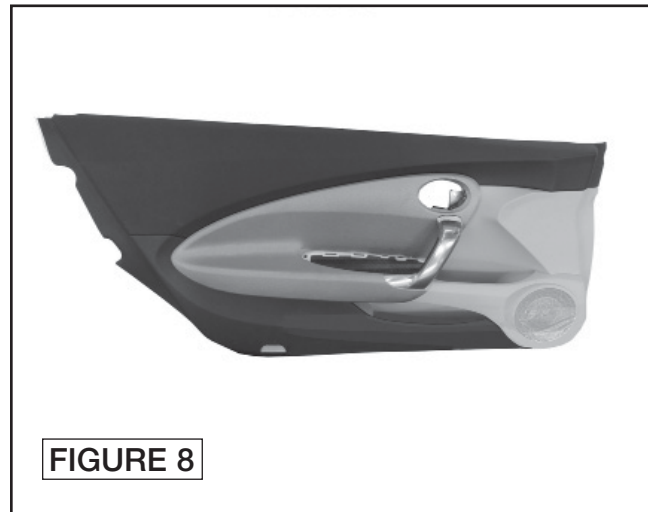


FIGURE 8

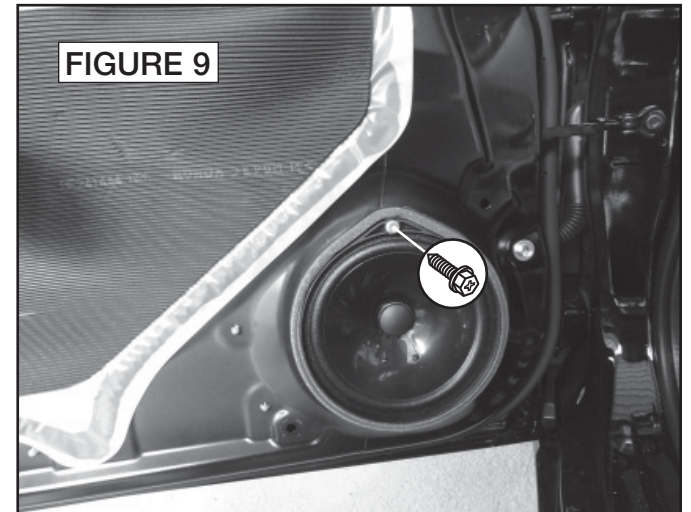


FIGURE 9



SAFETY CHECK

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



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Rear Side Speakers



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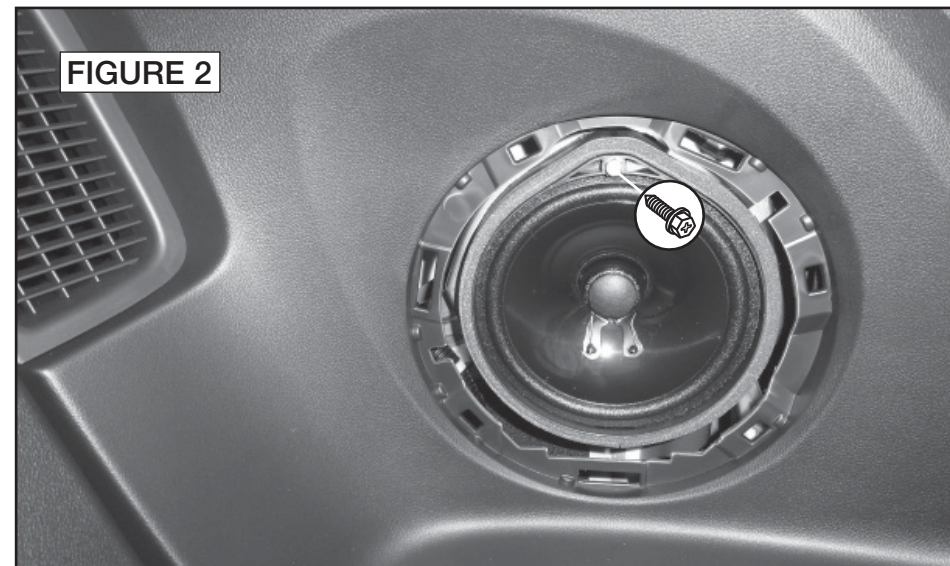
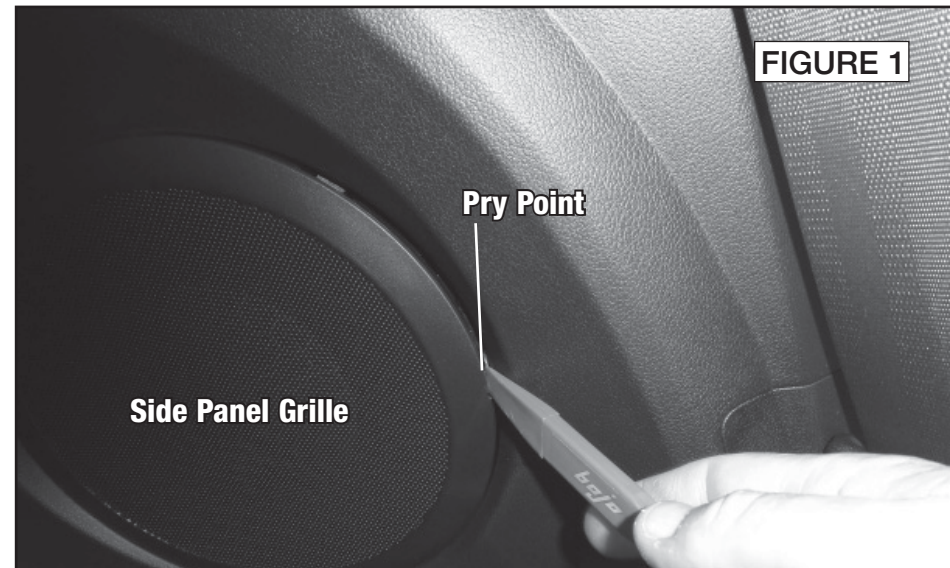
It is possible that the replacement speakers do not have screws supplied. It may be necessary to acquire mounting hardware.

1. Using pry point, pry out side panel grille to release seven (7) clips and remove grille (Figure 1).
2. Remove one (1) phillips screw securing top of speaker. Lift speaker, disconnect wiring harness and remove (Figure 2).
3. Secure new speaker to adaptor bracket.
4. Connect speaker wiring adaptor of replacement speaker to vehicle speaker harness. Secure speaker/bracket assembly to location.
5. Test speaker operation and reinstall side panel grille.

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.



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Cargo Area Subwoofer

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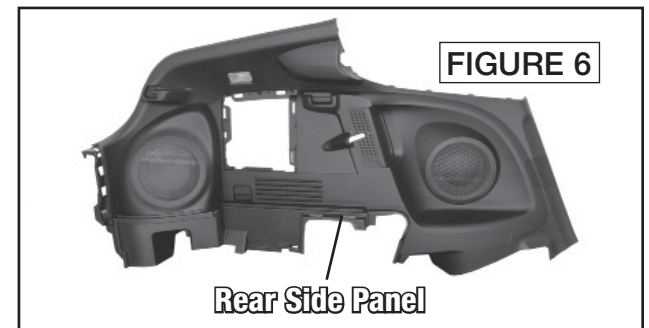
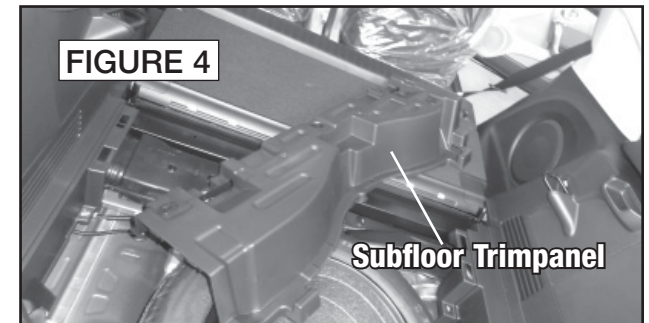
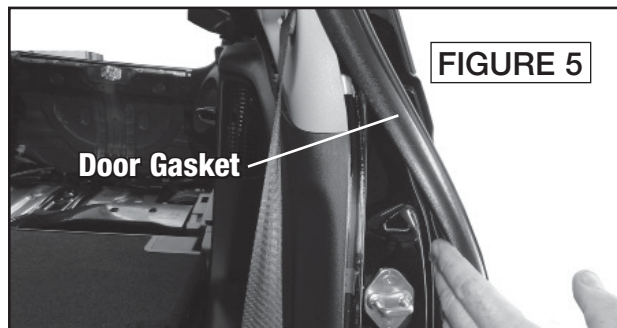
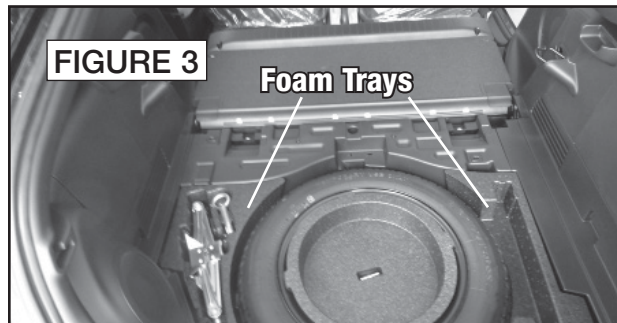
IMPORTANT

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

The factory speaker receives only bass frequencies. If replaced by an aftermarket speaker, the new speaker will produce only bass.

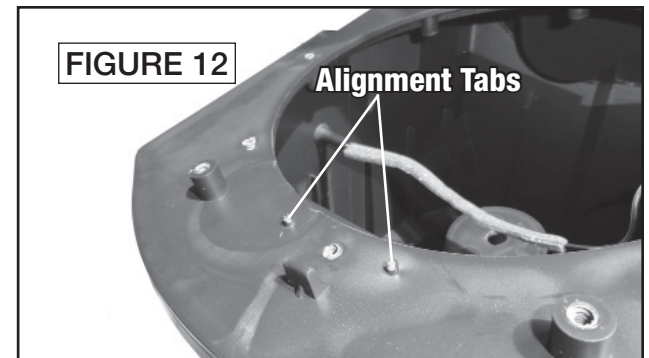
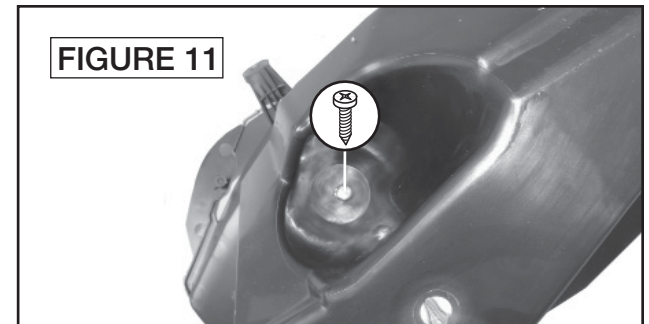
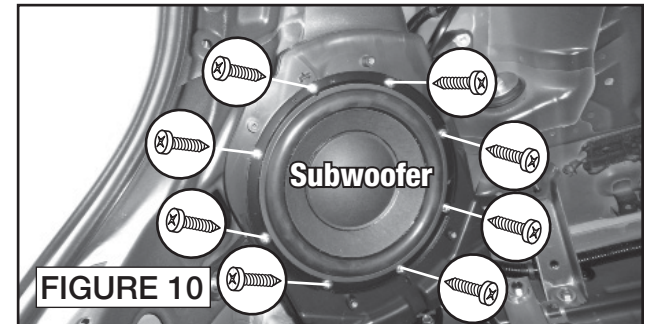
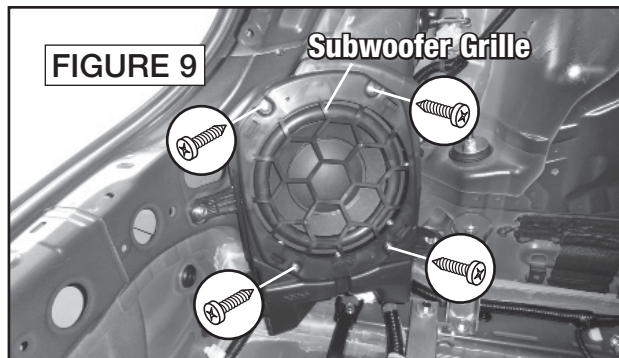
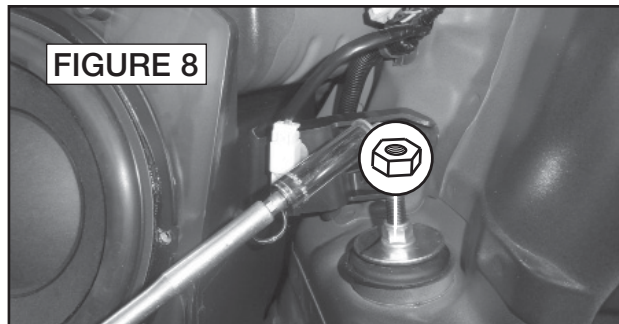
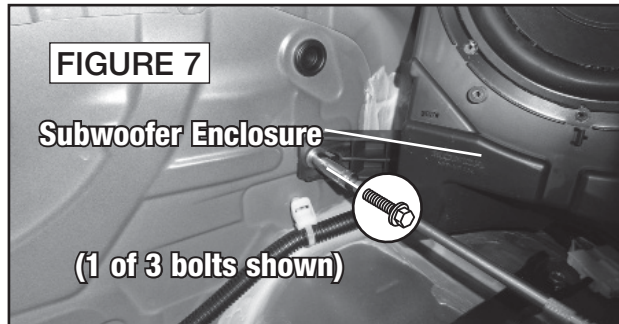
1. Lift cargo floor panel. Pull up to release two (2) clips and remove panel (Figure 1).
2. Pull up hatch door scuff plate to release four (4) clips and remove plate (Figure 2).
3. Remove both foam trays and remove spare tire (Figure 3).
4. Pry up front subfloor trimpanel to release three (3) clips and remove (Figure 4).
5. Pull front door gasket away from body along rear side panel (Figure 5).
6. Pry out sides of rear side panel to release nine (9) clips. Disconnect wiring harness and remove rear side panel (Figure 6).

Continued on the next page.



Cargo Area Subwoofer (continued)

7. Remove three (3) 10mm bolts and one (1) 10mm nut securing **subwoofer enclosure**. Disconnect wiring harness and remove enclosure (Figures 7 & 8).
8. Remove four (4) phillips screws securing **subwoofer grille** to enclosure and remove grille (Figure 9).
9. Remove eight (8) phillips screws securing front of **subwoofer** and one (1) phillips screw securing rear of subwoofer to enclosure. Disconnect speaker wiring and remove subwoofer (Figures 10 & 11).
10. Cut off **alignment tabs** on speaker mounting surface to allow new speaker to fit flush (Figure 12).
11. Place new subwoofer in location and mark new mounting holes. Remove sub and drill holes with a 1/8" bit.
12. Connect speaker wiring and secure new subwoofer to enclosure.
13. Test speaker operation and reassemble rear side of vehicle by reversing disassembly steps.



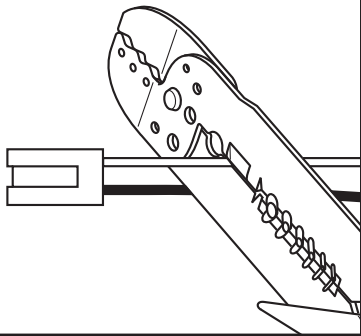
Wire Splicing Guide

These methods can be used to make wiring connections if no receiver or speaker wiring adaptor is available.

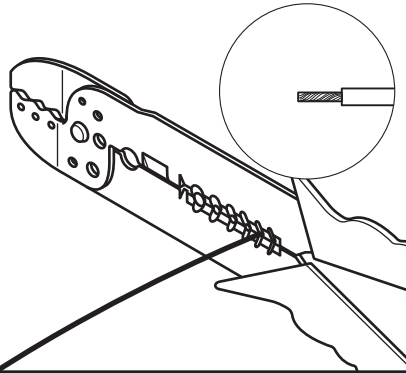
CRIMP METHOD

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

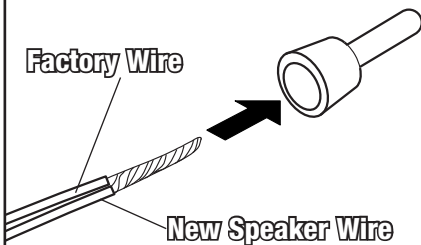
1. Cut factory wires behind factory speaker harness.



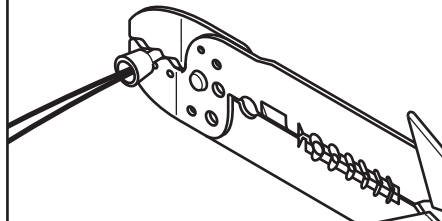
2. Strip end of each wire back 1/2".



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



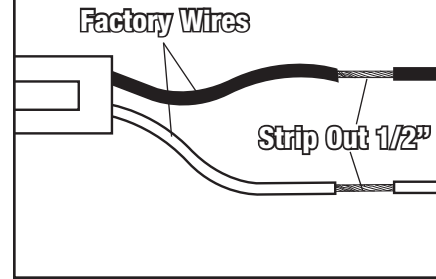
4. Squeeze middle of cap for tight connection.
5. Connect new wires to speaker with spade connectors.



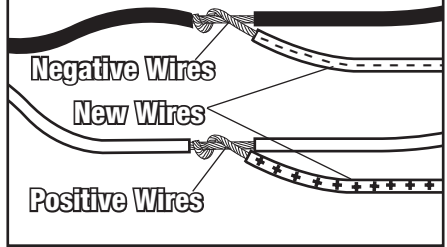
SOLDER METHOD

New speaker wires are spliced into factory wires behind harness.

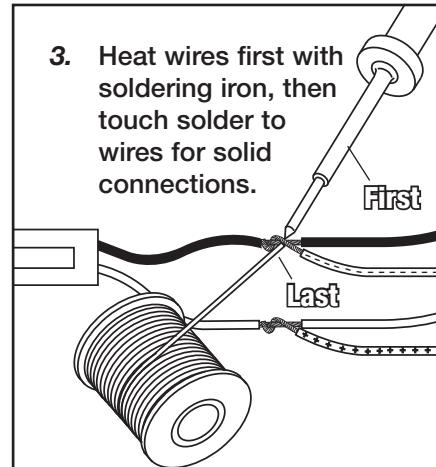
1. Carefully strip out a 1/2" section on each factory speaker wire behind the factory speaker harness.



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.

