

050 0027
Revision 01/05/05

Revision 01/05/05



Before starting, compare items on your invoice with items received. Carefully check through packaging material. If any item is missing, please call **Crutchfield Technical Service 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.

0000500027

Page

	Tools Required	Phillips Screwdriver	Small Flat Blade Screwdriver	Panel Tool	Torx T15 Driver	Wire Stripper/Crimp Tool	Soldering Iron & Solder (if using solder method)	Electrical Tape (if using solder method)
2 Factory Radio Removal	✓							
3 Radio Removal (continued)								
4 Receiver Installation	✓							
5 Front Door Speakers	✓		✓	✓	✓			
6 Front Door Speakers (continued)								
7 Rear Speakers	✓		✓	✓	✓			
8 Rear Door Speakers (continued)								
9 Speaker Wiring (front door - sedan)						✓	✓	✓

Tools Required ►

NOTES:

※※ At this time, no aftermarket antenna is available for this vehicle. A replacement antenna may be purchased at a Subaru dealership.

CRUTCHFIELD®

Copyright 2005 Crutchfield Corporation

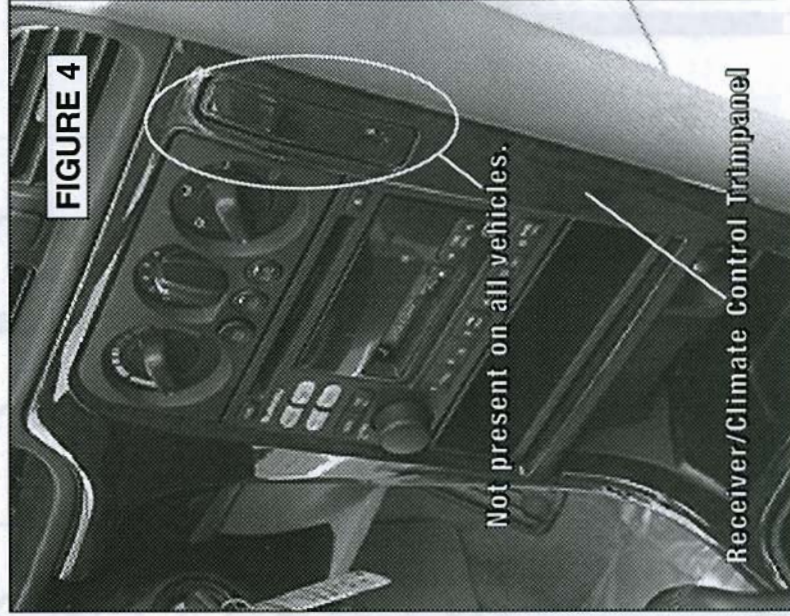
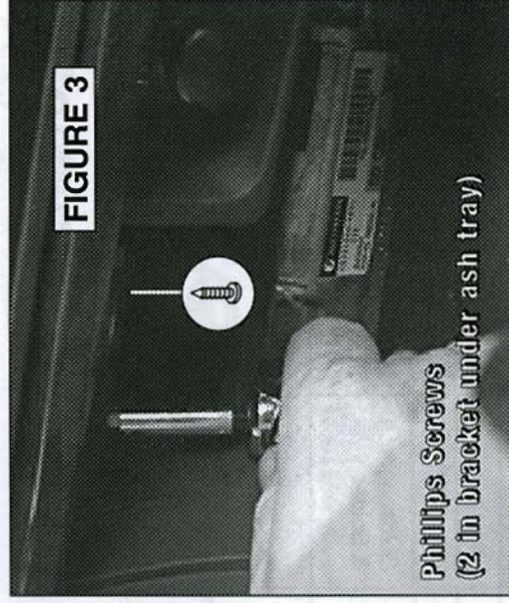
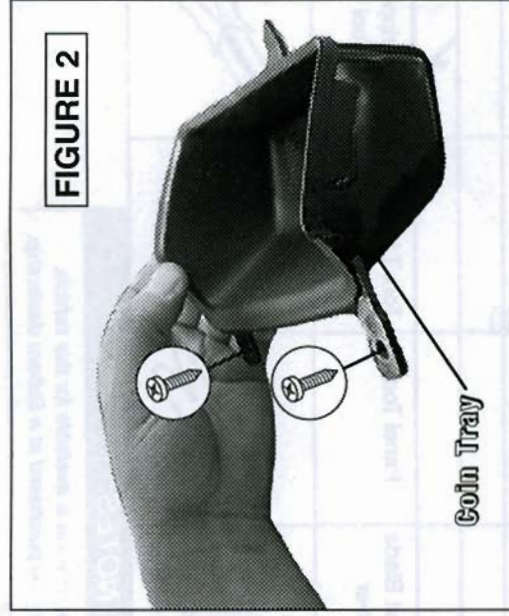
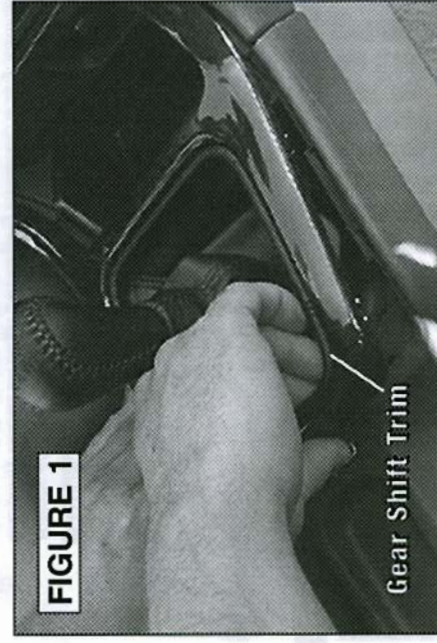


**2001-
Subaru Legacy
Sedan &
Outback Wagon**

Factory Radio Removal

1. Set parking brake and disconnect negative battery cable to prevent any electrical short.
2. Pry up rear of **gear shift trim** to release four (4) metal retaining clips. Pull trim straight back to remove (Figure 1).
3. Remove two (2) phillips screws from **coin tray** exposed by removal of gear shift trim. Lift and remove tray (Figure 2).
4. Remove ash tray and two (2) **phillips screws** under ash tray bracket and set bracket down (Figure 3).
5. Pry out bottom of **receiver/climate control trimpanel** enough to disconnect cigarette lighter wiring harness. Pry top of trimpanel to release retaining clips and remove trimpanel (Figures 4 and 5).

Continued on the next page.



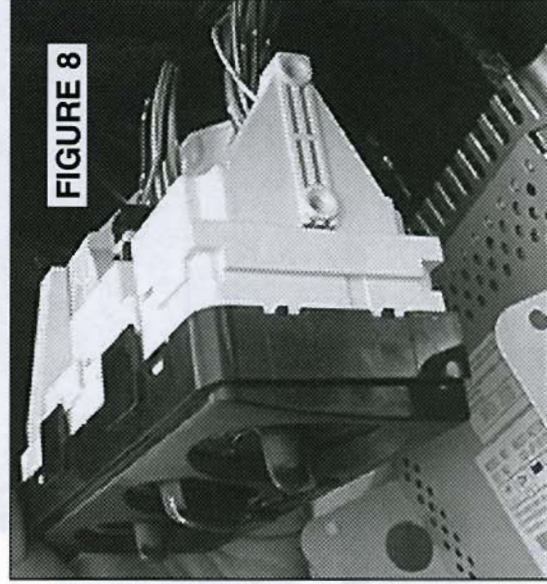
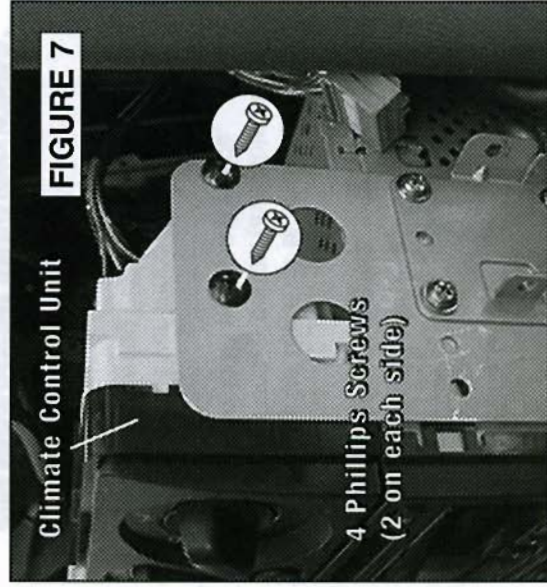
1-800-955-9094
Technical Service

CRUTCHFIELD®

Copyright 2005 Crutchfield Corporation

Factory Radio Removal (continued)

6. *If equipped with security system:* Remove two (2) phillips screws from **security box** on right side of factory radio (Figure 6). Pull out security box and set aside.
7. Remove four (4) phillips screws securing sides of **receiver/climate control/pocket assembly** (two screws on each side). Remove two (2) phillips screws located under pocket securing assembly at the bottom (Figure 6).
8. Pull receiver/climate control/pocket assembly out of dash. Remove four (4) phillips screws (two on each side) securing **climate control unit** to side brackets. Pull out unit and set in rear of dash cavity (Figures 7 & 8).
9. Disconnect wiring harnesses and antenna from factory radio and remove assembly.
10. Remove four (4) phillips screws securing sides of factory radio to side brackets and remove radio (Figure 9). **Note:** If equipped with security system, remove a total of five (5) phillips screws from right side of radio.



Receiver Installation

Double-DIN size receiver is shown. If installing a standard DIN unit, a pocket (available from Crutchfield) will be needed to fill additional space.

1. Connect receiver wiring adaptor to new receiver following instructions supplied with adaptor.

If installing a standard DIN unit, remove the DIN sleeve as it will not be used in this application (Figure 1).

2. Place new receiver inside factory side brackets. Align **mounting holes** on replacement receiver with holes in factory side brackets (Figure 2). Secure receiver in the same manner as factory radio using screws supplied with replacement receiver.

Note: If the replacement receiver is not a double-DIN unit, a pocket (available from Crutchfield) can be used to fill the additional space. Follow instructions supplied with pocket to secure to receiver/climate assembly.

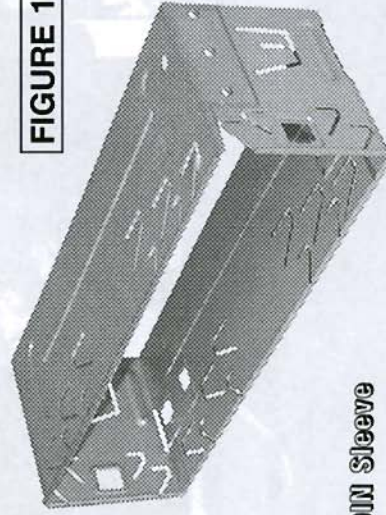
3. Reinstall climate control unit with screws previously removed (Figure 1).
4. Connect receiver wiring adaptor to vehicle harness and plug antenna lead into rear of receiver. Secure **receiver/climate control/pocket assembly** to dash with screws previously removed (Figure 3).
5. Test receiver operation and reassemble dash by reversing disassembly steps.

NOTES:

Please read first

- Inspect factory receiver harness connector in vehicle. Ensure that the wiring adaptor received from Crutchfield plugs into the vehicle's connector. If the connector is missing or incorrect, please call our Technical Service Department at 1-800-955-9094.

FIGURE 1



DIN Sleeve

FIGURE 2

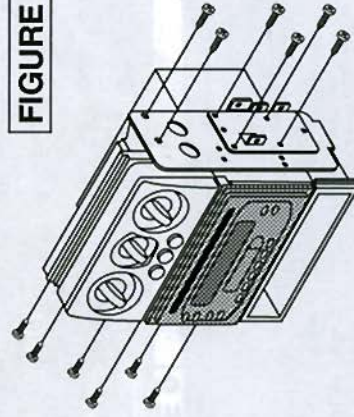
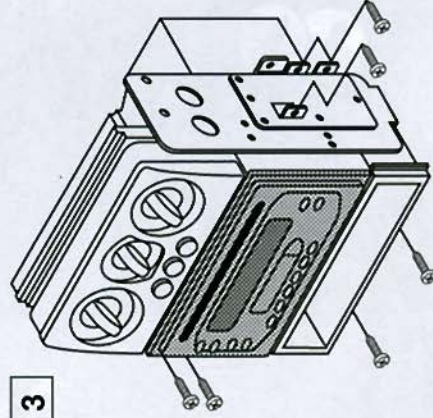


FIGURE 3



Receiver/Climate Control/Pocket Assembly



1-800-955-9094

Technical Service

CRUTCHFIELD®

Copyright 2005 Crutchfield Corporation

Front Door Speakers

NOTES:

Please read first

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

1. Pull "sail" panel straight out, disconnect tweeter wiring harness and remove panel (Figures 1 & 2).
2. Pry out screw cover in armrest and remove one (1) phillips screw from cavity (Figure 3).
3. Pry out edges of door release trim to release plastic retaining clips and remove trim (Figure 4).
4. Pry from top edge of power options switch panel to release one (1) metal clip. Pry out bottom edge to release one (1) other clip. Pull off panel, disconnect wiring harnesses and remove panel. Remove one (1) phillips screw exposed by removal of switch panel (Figure 5).

Continued on the next page.

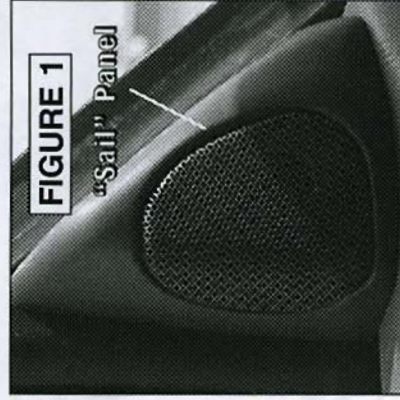


FIGURE 1

"Sail" Panel

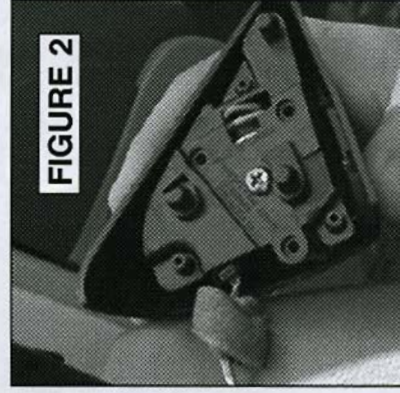


FIGURE 2

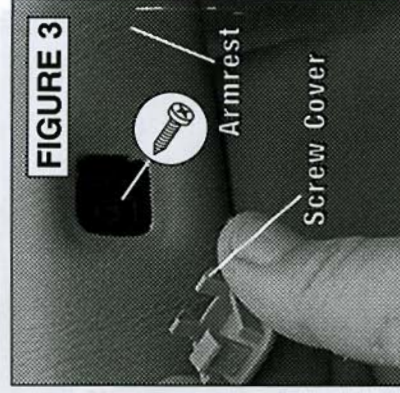


FIGURE 3

Armrest

Screw Cover

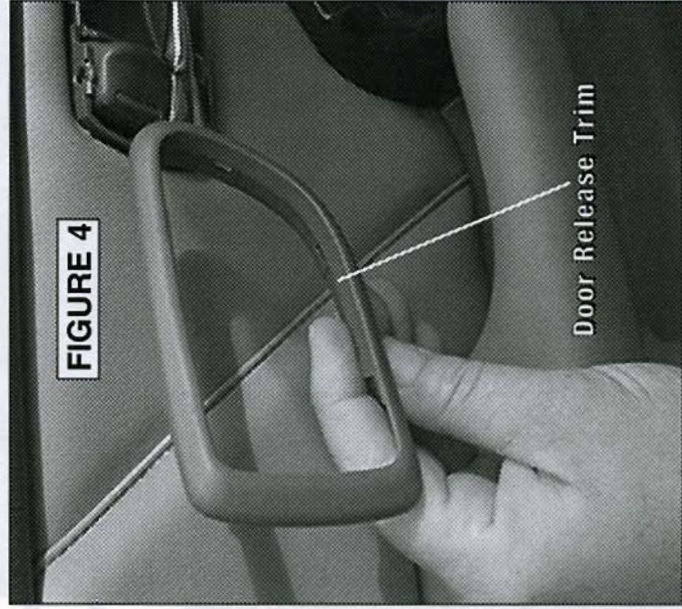


FIGURE 4

Door Release Trim

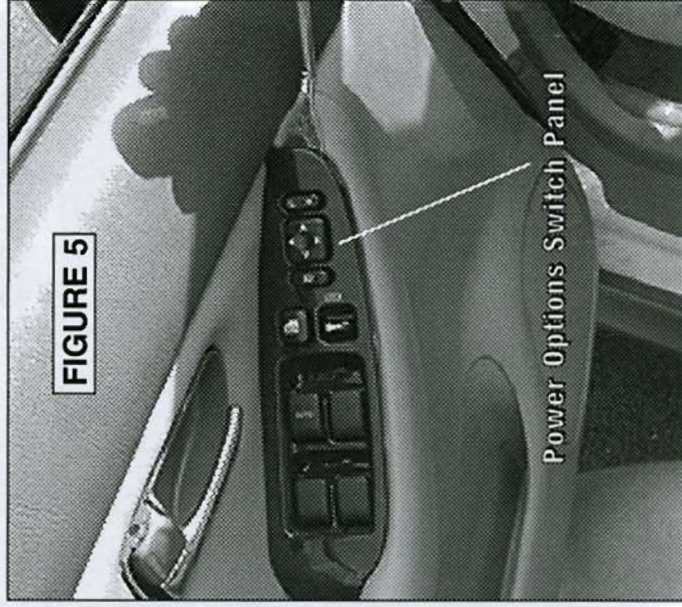


FIGURE 5

Power Options Switch Panel



1-800-955-9094
Technical Service

CRUTCHFIELD®

Copyright 2005 Crutchfield Corporation

Front Door Speakers (continued)

5. Pry out one (1) retaining clip located in upper front area of door panel (Figure 6).
6. Pry around bottom and sides of door panel to release retaining clips. Lift panel, disconnect light harness and remove panel (entire door panel - Figure 7).
7. Remove three (3) Torx T15 screws securing speaker to speaker bracket. Pull out speaker, disconnect and remove (Figure 8).

8a. Speaker installation - wagon: Connect speaker wiring adaptor of replacement speaker to vehicle speaker connector. Secure speaker to factory bracket with screws previously removed.

8b. Speaker installation - sedan: No speaker adaptor harness is available at this time. Connect speaker wires following instructions on page 9. Secure speaker with screws previously removed.

9. Test speaker operation and reinstall door panel by reversing removal steps.

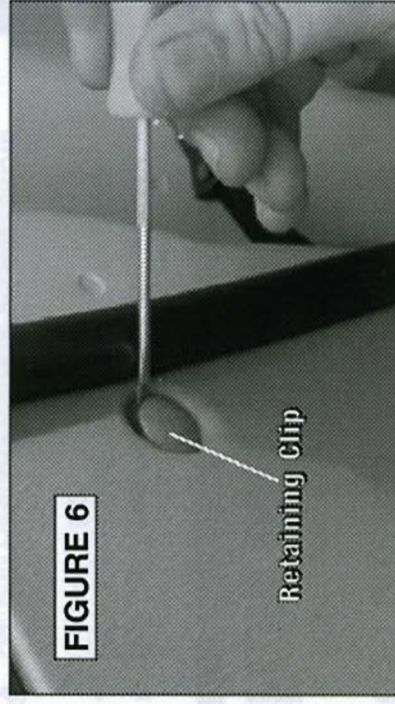


FIGURE 6

Retaining clip

FIGURE 7



FIGURE 8



SAFETY CHECK

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



1-800-955-9094
Technical Service

CRUTCHFIELD®

Copyright 2005 Crutchfield Corporation

NOTES:**Please read first**

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

Rear Door Speakers

1. Pry out edges of **door release trim** to release plastic retaining clips and remove trim (Figure 1).
2. Pry out **screw cover** in armrest. Remove one (1) exposed phillips screw (Figure 2).
3. Pry from top edge of **power options switch panel** to release one (1) metal clip. Pry out bottom edge to release one (1) other clip. Pull off panel, disconnect wiring harnesses and remove panel (Figure 3). Remove one (1) phillips screw exposed by removal of switch panel (Figure 4).

Continued on the next page.

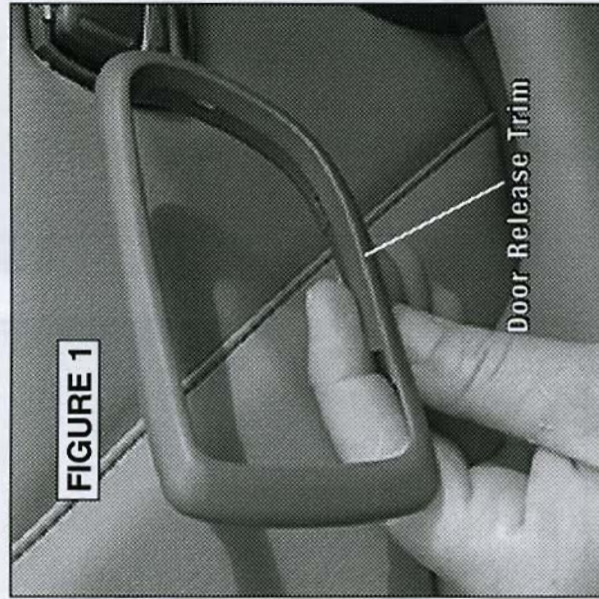


FIGURE 1

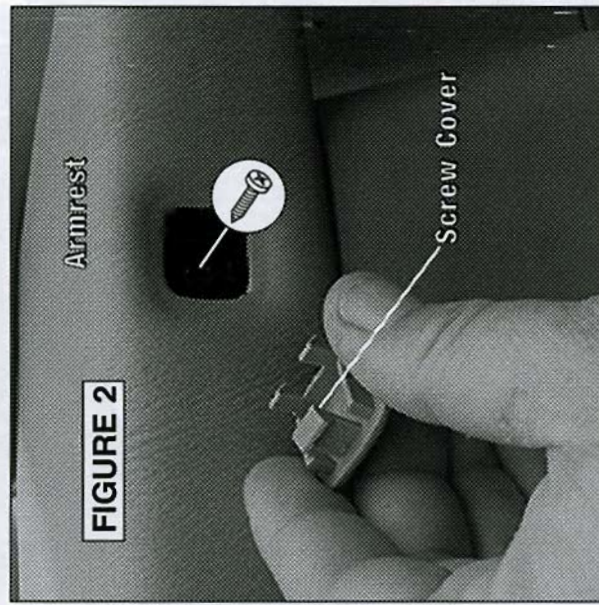


FIGURE 2

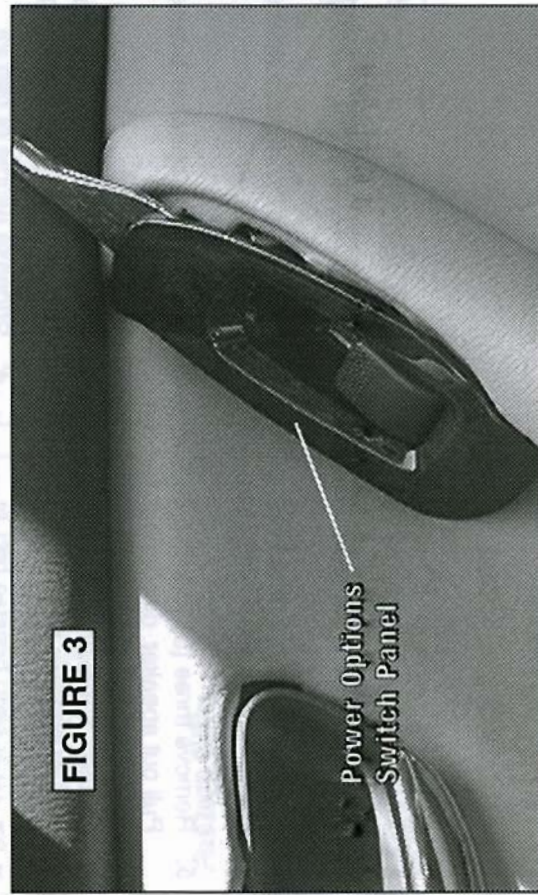


FIGURE 3



FIGURE 4

1-800-955-9094
Technical Service

CRUTCHFIELD®

Copyright 2005 Crutchfield Corporation

Rear Door Speakers (continued)

NOTES:

Please read first

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

4. Pry around bottom and sides of door panel (Figure 6) to release retaining clips. Lift panel, disconnect light harness and remove panel.
5. Remove three (3) Torx T15 screws securing speaker to **speaker bracket**. Pull out speaker, disconnect and remove.
6. Connect speaker wiring adaptor of replacement speaker to vehicle speaker connector. Secure speaker to factory bracket with screws previously removed (Figure 7).
7. Test speaker operation and reinstall door panel by reversing removal steps.



FIGURE 6

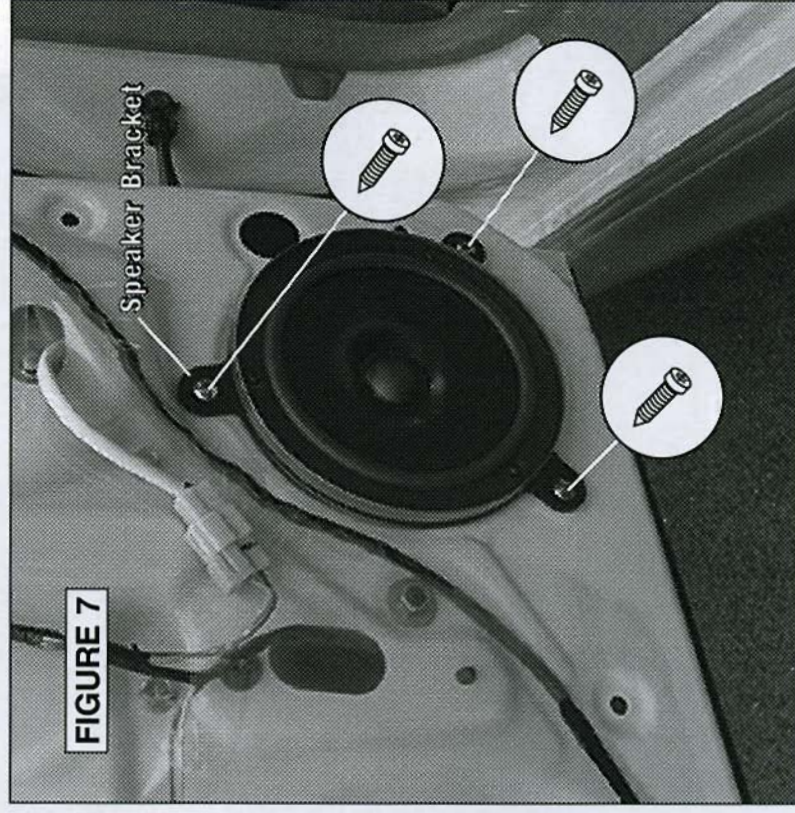


FIGURE 7

SAFETY CHECK

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



1-800-955-9094

Technical Service

CRUTCHFIELD®

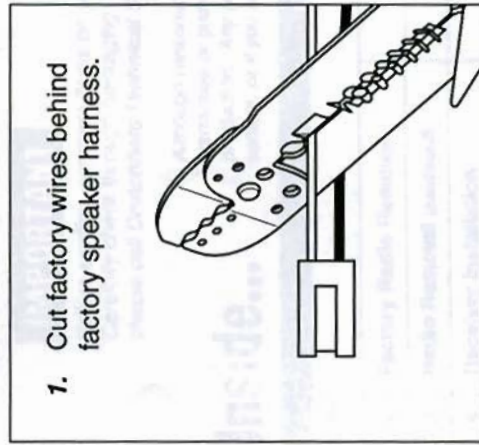
Copyright 2005 Crutchfield Corporation

Speaker Wiring

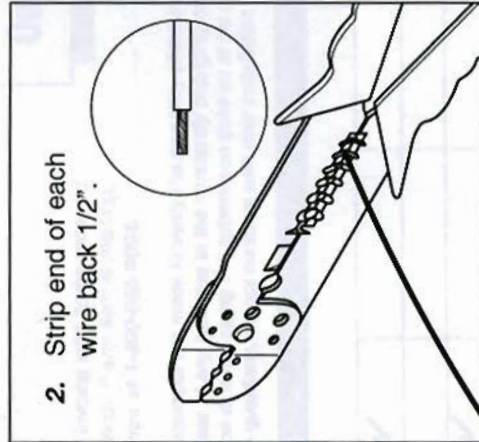
No after market speaker wiring adaptor is yet available for this speaker location in this vehicle. Use these instructions to make wiring connections after accessing speakers following instructions on pages 5 and 6.

CRIMP METHOD

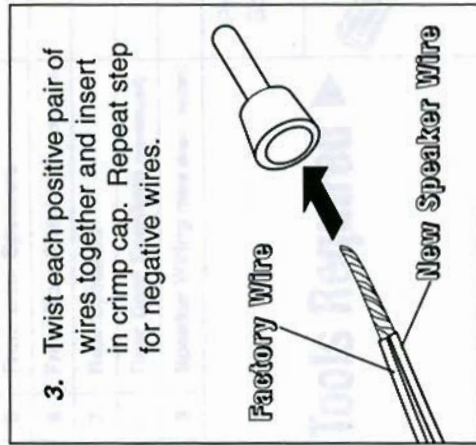
Factory harness is removed. Save harness if it is to be reconnected in the future by this method.



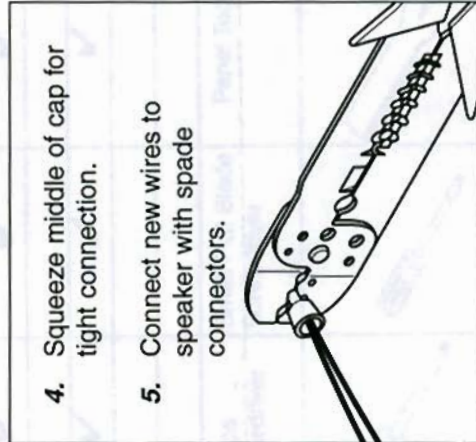
1. Cut factory wires behind factory speaker harness.



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



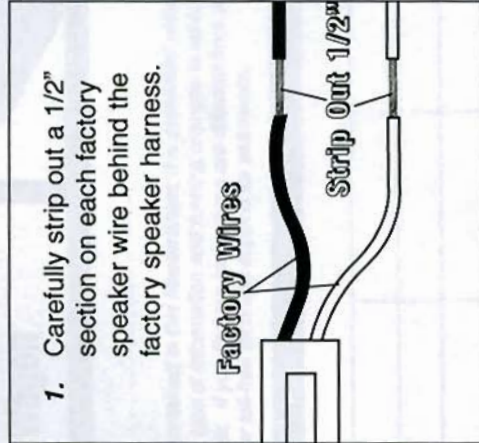
3. Twist each positive pair of wires together and insert in crimp cap. Repeat step for negative wires.



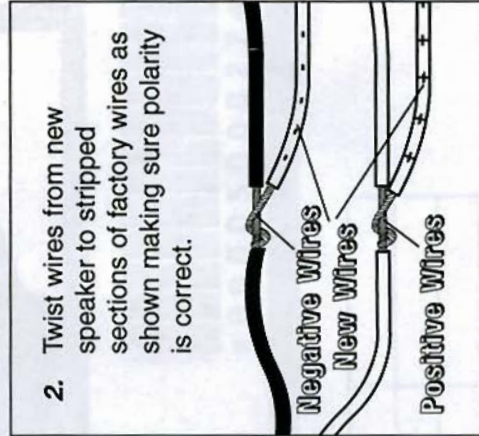
4. Squeeze middle of cap for tight connection.
5. Connect new wires to speaker with spade connectors.

SOLDER METHOD

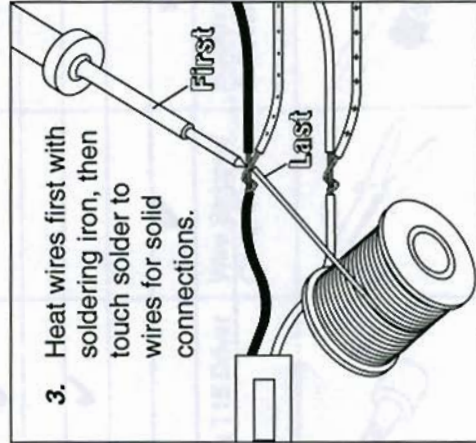
New speaker wires are spliced into factory wires behind harness.



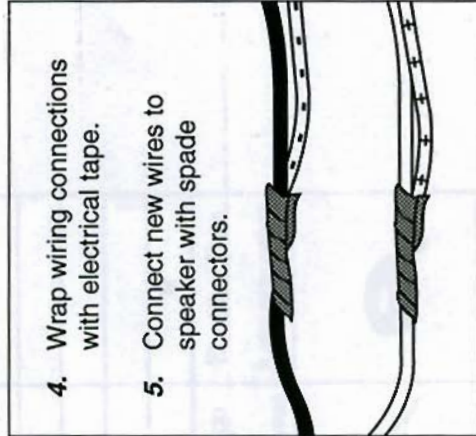
1. Carefully strip out a 1/2" section on each factory speaker wire behind the factory speaker harness.



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.