

MasterSheet

050 0031

Revision 04/12/11



Complete Car Audio
Installation Instructions
CRUTCHFIELD™

2005-09 Subaru Legacy & Outback



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.



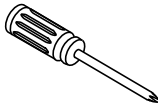
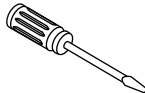
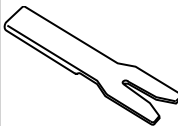

0000500031

Inside...

Page

2-3	Factory Radio Removal	✓		✓	
4	Receiver Installation	✓			
5-6	Front Door Speakers	✓	✓	✓	✓
7-8	Rear Door Speakers	✓	✓	✓	✓

Tools Required ▶

Phillips Screwdriver	Small Flat Blade Screwdriver	Panel Tool	Drill & 1/8" Bit
			

* If you need additional wiring information, visit us online at www.crutchfield.com/support/faq.html

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

CRUTCHFIELD®
CRUTCHFIELD.COM

Copyright 2011 Crutchfield Corporation

050 0031

Factory Radio Removal

1. Set parking brake and disconnect negative battery cable to prevent any electrical short.
- 2a. **Automatic Transmission:** Pry up gear shift trim ring and remove (Figure 1). Pry up ashtray trimpanel, disconnect harnesses and remove (Figure 2).
- 2b. **Manual Transmission:** Pry up gear shift trimpanel assembly from the rear edge to release clips (Figure 3). Unscrew gear shift knob. Lift assembly, disconnect wiring harness and remove (Figure 4).
3. Remove two (2) phillips screws from console side trim (one from each side - Figure 5). Pry each side trim from dash to remove (Figure 6).

Continued on the next page.



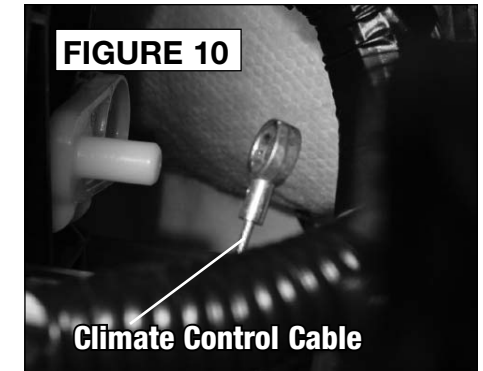
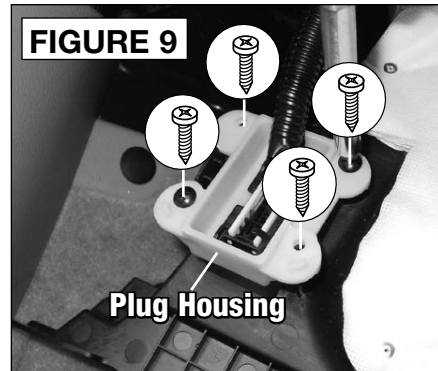
 **1-800-955-9094**
TECHNICAL SUPPORT

CRUTCHFIELD[®]
CRUTCHFIELD.COM
Copyright 2011 Crutchfield Corporation

050 0031

Factory Radio Removal (continued)

4. Remove six (6) phillips screws from factory radio/climate control assembly (three on each side of radio - Figure 7).
5. Remove two (2) plastic turn screws in black foot panel on driver's side. Pry out one (1) clip in center of panel. Pull down enough to remove four (4) phillips screws in back of plastic plug housing and remove panel (Figures 8 & 9).
6. Turn climate control to heat. Under driver's side of dash, release climate control cable and remove (Figure 10).
7. Pull out radio, disconnect wiring harnesses (including hazard switch harness) and antenna lead to remove (Figure 11).



050 0031

Receiver Installation (Vehicles with Manual Climate Controls Only)

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 Support Department at **1-800-955-9094**.*

1. Secure receiver, climate controls and hazard light switch to **mounting bracket** following instructions supplied with the installation kit.
2. Connect receiver wiring adaptor to receiver following instructions supplied with adaptor.
3. Hold receiver assembly near dash. Connect receiver wiring adaptor to factory harness. Make climate control harness connections. Plug antenna lead into rear of receiver.
4. Slide assembly into dash and secure with screws previously removed.
5. Test operation and reassemble dash by reversing removal steps.



1-800-955-9094
TECHNICAL SUPPORT

CRUTCHFIELD[®]
CRUTCHFIELD.COM

Copyright 2011 Crutchfield Corporation **4**

050 0031

Front Door Speakers

NOTES:

Please read first

- Instructions address factory speaker locations. In most cases the replacement speaker will be a direct fit. In some cases an adaptor bracket or a fabricated bracket will be required.

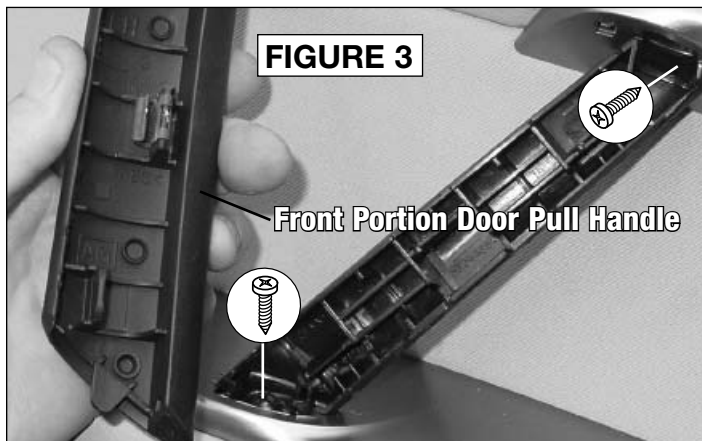


IMPORTANT:

The speakers purchased may or may not be supplied with mounting screws. It may be necessary to acquire hardware.

1. Pry off "sail" panel starting at the top edge (Figure 1).
2. Pry out screw cover in door release trim. Remove one (1) exposed phillips screw (Figure 2).
3. Pry off front portion of door pull handle. Remove two (2) exposed phillips screws (Figure 3).
4. Pry around sides and bottom of door panel to release clips. Lift panel, disconnect wiring harnesses, door release and door lock cables. Remove panel (Figures 4 & 5).

Continued on the next page.



1-800-955-9094
TECHNICAL SUPPORT

CRUTCHFIELD[®]
CRUTCHFIELD.COM

Copyright 2011 Crutchfield Corporation

050 0031

Front Door Speakers (continued)

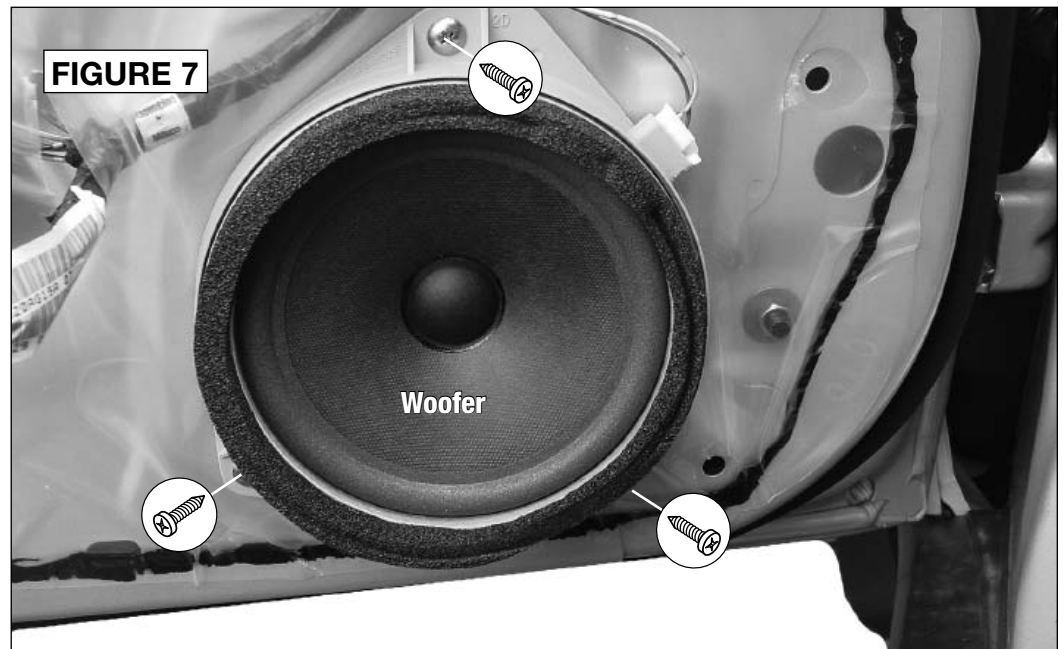
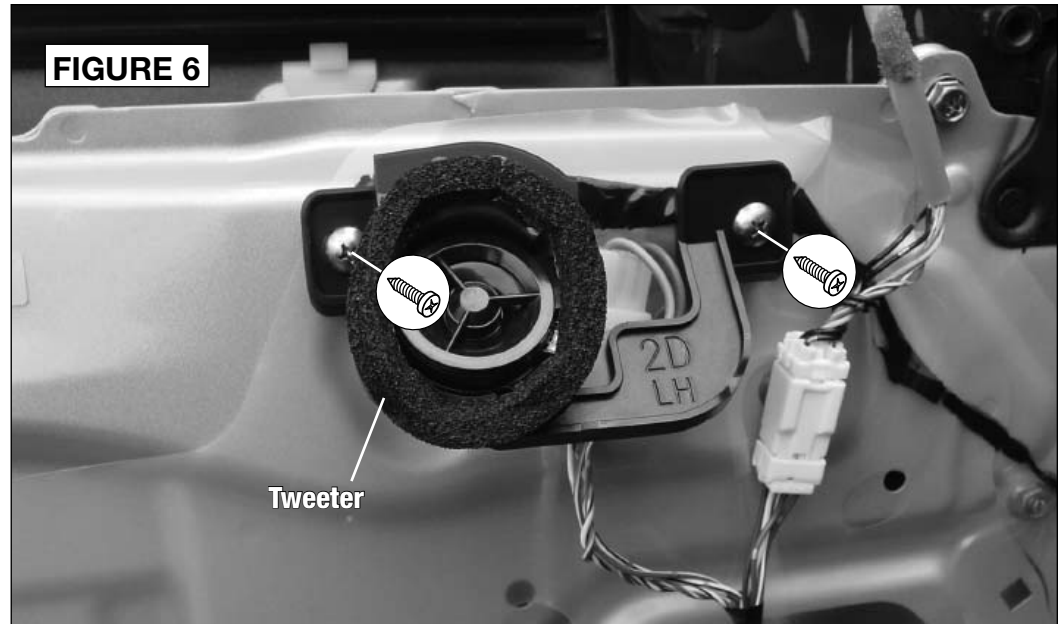
5a. Tweeter Removal and Installation:

- Remove two (2) phillips screws securing speaker. Pull out speaker, disconnect and remove (Figure 6).
- Fabricate a speaker mounting bracket. Secure speaker to bracket.
- Connect speaker wiring adaptor to vehicle speaker harness.
- Secure speaker/bracket assembly.
- Test speaker operation.

5b. Woofer Removal and Installation:

- Remove three (3) phillips screws securing speaker. Pull out speaker, disconnect and remove (Figure 7).
- Secure speaker to adaptor bracket following instructions supplied with bracket.
- Place speaker/bracket assembly in location and use as a template to mark new mounting holes. Remove bracket and drill new holes with a 1/8" bit.
- Connect speaker wiring adaptor of replacement speaker to vehicle speaker harness.
- Secure speaker/bracket assembly.

6. 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.



CAUTION:

Always be careful when drilling in a vehicle. WEAR EYE PROTECTION. Be aware of things such as wiring, windows, fuel lines and safety devices. Check drilling depth and location to avoid damage to vehicle appearance.



1-800-955-9094
TECHNICAL SUPPORT

CRUTCHFIELD®
CRUTCHFIELD.COM

Copyright 2011 Crutchfield Corporation 6

050 0031

Rear Door Speakers

NOTES:

Please read first

- Instructions address factory speaker locations. In most cases the replacement speaker will be a direct fit. In some cases an adaptor bracket or a fabricated bracket will be required.



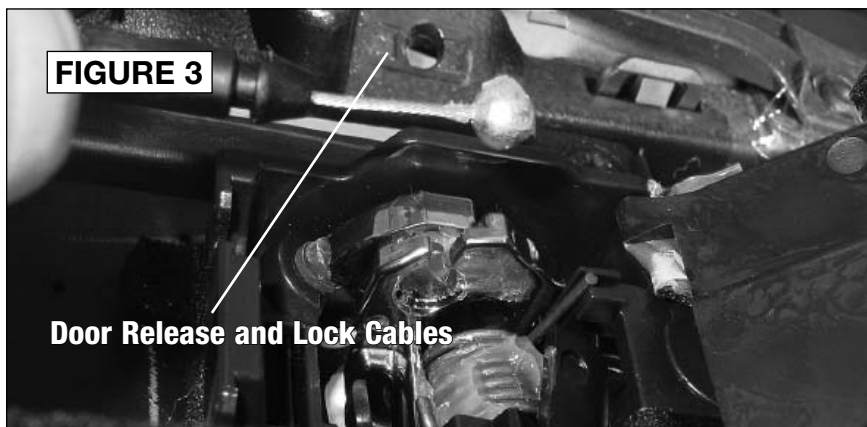
IMPORTANT:

The speakers purchased may or may not be supplied with mounting screws. It may be necessary to acquire hardware.

1. Pry out screw cover in door release trim. Remove one (1) exposed phillips screw (Figure 1).
2. Pry off front portion of door pull handle. Remove two (2) exposed phillips screws (Figure 2).
3. Pry around sides and bottom of door panel to release clips. Lift panel, disconnect wiring harnesses, door release and door lock cables. Remove panel (Figures 3 & 4).



Continued on the next page.



 **1-800-955-9094**
TECHNICAL SUPPORT

CRUTCHFIELD[®]
CRUTCHFIELD.COM

Copyright 2011 Crutchfield Corporation

050 0031

Rear Door Speakers (continued)

4. *Speaker Removal and Installation:*

- Remove three (3) phillips screws securing speaker. Pull out speaker, disconnect and remove (Figure 5).
- Secure speaker to adaptor bracket following instructions supplied with bracket.
- Place speaker/bracket assembly in location and use as a template to mark new mounting holes. Remove assembly and drill new holes with a 1/8" bit.
- Connect speaker wiring adaptor of replacement speaker to vehicle speaker harness. Secure speaker/bracket assembly.

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



FIGURE 5



SAFETY CHECK

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



CAUTION:

Always be careful when drilling in a vehicle. WEAR EYE PROTECTION. Be aware of things such as wiring, windows, fuel lines and safety devices. Check drilling depth and location to avoid damage to vehicle appearance.



1-800-955-9094
TECHNICAL SUPPORT

CRUTCHFIELD[®]
CRUTCHFIELD.COM

Copyright 2011 Crutchfield Corporation 8