

# MasterSheet

039 0053

Revision 11/26/99

1990-96  
Nissan 300ZX



Complete Car Audio  
Installation Instructions  
**CRUTCHFIELD™**

## IMPORTANT

Before starting, compare items on your invoice with items received. If any parts are missing, first carefully check through packaging material. If an item is missing, please call:

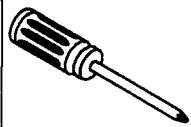
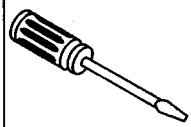



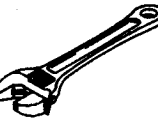
Crutchfield Technical Service at 1-800-955-9094



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6	Door Speakers (continued)							
7	Rear Speakers (not Bose equipped)	✓			✓			
8	Rear Speakers (Bose equipped)	✓			✓	✓		
9	Rear Speakers (bose - continued)							
		Phillips Screwdriver	Flat Blade Screwdriver	Small Flat Blade Screwdriver	Panel Tool	10mm Socket, Ratchet, & Extension	14mm	Adjustable Wrench
								

## NOTE:

At this time, no after-market antenna is available for this vehicle. A replacement antenna can be purchased from a Nissan dealership.

## Tools Required ▶

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# Dash Disassembly

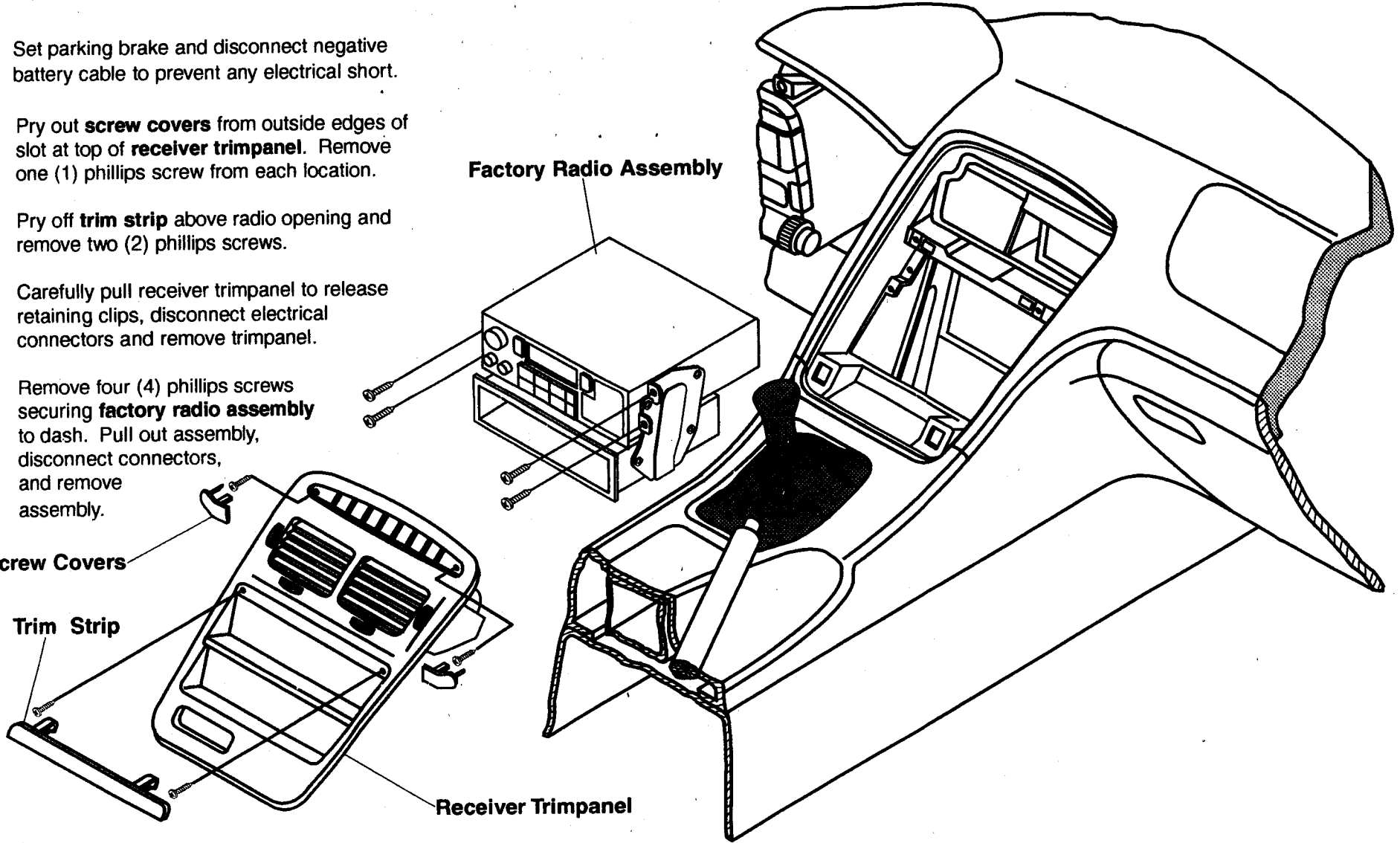
1. Set parking brake and disconnect negative battery cable to prevent any electrical short.
2. Pry out **screw covers** from outside edges of slot at top of **receiver trimpanel**. Remove one (1) phillips screw from each location.
3. Pry off **trim strip** above radio opening and remove two (2) phillips screws.
4. Carefully pull receiver trimpanel to release retaining clips, disconnect electrical connectors and remove trimpanel.
5. Remove four (4) phillips screws securing **factory radio assembly** to dash. Pull out assembly, disconnect connectors, and remove assembly.

Factory Radio Assembly

Screw Covers

Trim Strip

Receiver Trimpanel



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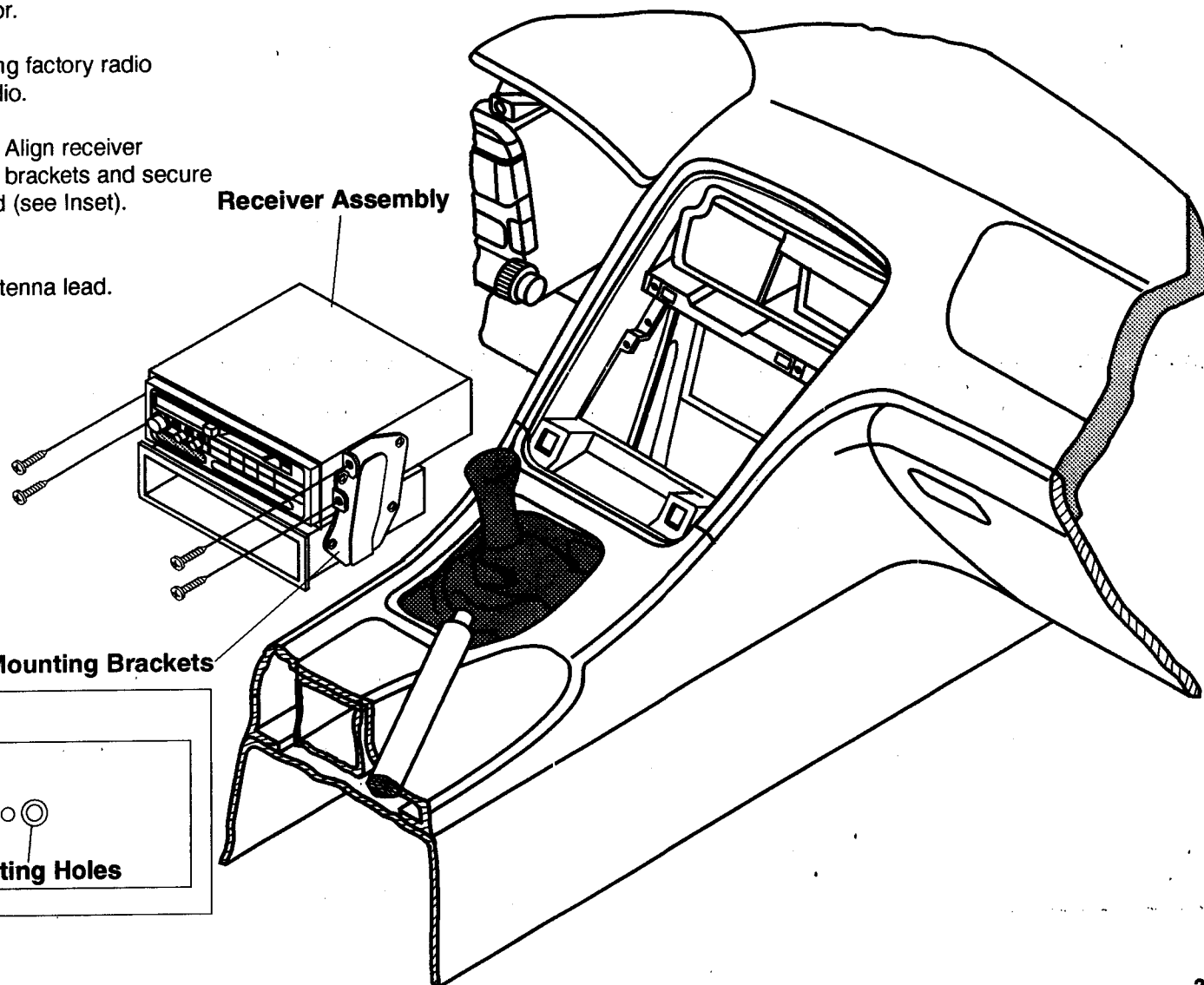
# ISO-DIN Receiver Installation

## NOTES:

**Please read first**

- *Inspect factory receiver harness connector in vehicle. Ensure that the wiring adaptor purchased 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.*

1. Connect receiver wiring adaptor to receiver following instructions supplied with wiring adaptor.
2. Remove four (4) phillips screws securing factory radio to **mounting brackets** and remove radio.
3. Insert new receiver between brackets. Align receiver mounting holes with mounting holes of brackets and secure with phillips screws previously removed (see Inset).
4. Hold **receiver assembly** near dash. Connect receiver wiring and plug in antenna lead.
5. Secure assembly to dash with screws previously removed.
6. Test receiver operation.
7. Reinstall receiver trimpanel by reversing removal steps.



INSET

Mounting Holes

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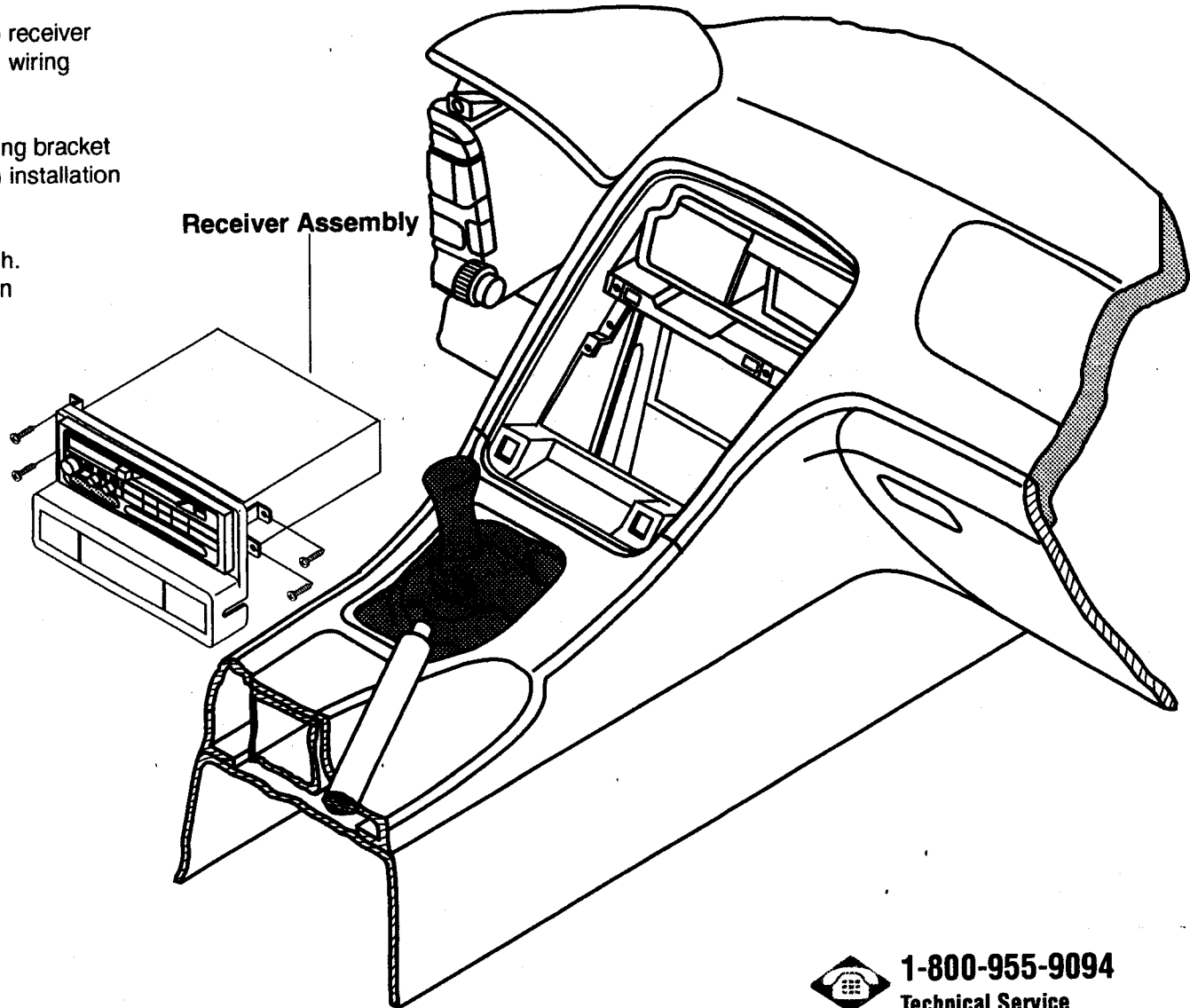
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# DIN Receiver Installation

Follow the same steps for 2-shaft receiver installation.

1. Connect receiver wiring adaptor to receiver following instructions supplied with wiring adaptor.
2. Secure receiver to receiver mounting bracket following instructions supplied with installation kit.
3. Hold **receiver assembly** near dash. Connect receiver wiring and plug in antenna lead.
4. Secure assembly to dash with screws previously removed.
5. Test receiver operation.
6. Reinstall receiver trimpanel by reversing removal steps.



## NOTES:

**Please read first**

- *Inspect factory receiver harness connector in vehicle. Ensure that the wiring adaptor purchased 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.*



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# Door Speakers

**Note: If vehicle is equipped with Bose system:**

Replacement of any speakers will require replacement of the entire system. Factory brackets will be needed to install speakers in this location. Brackets can be purchased from a Nissan dealership.

1. Remove two (2) phillips screws and washers from front edge of **door panel**.
2. Pry out **door release trim** and roll down both windows.

**If seat belts are integrated with door:**

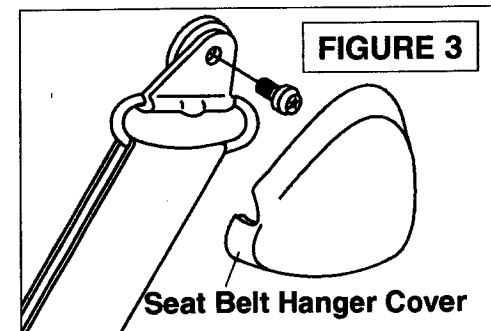
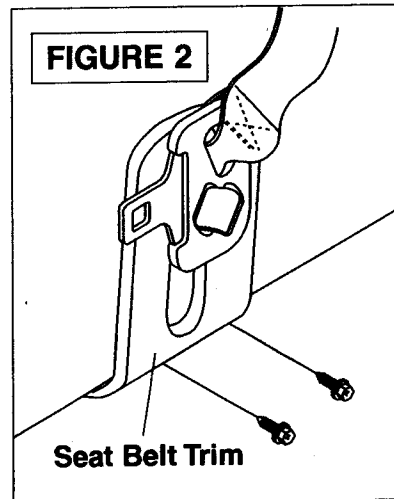
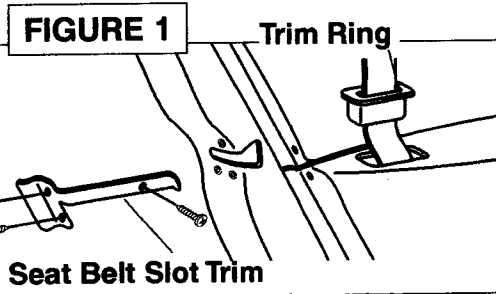
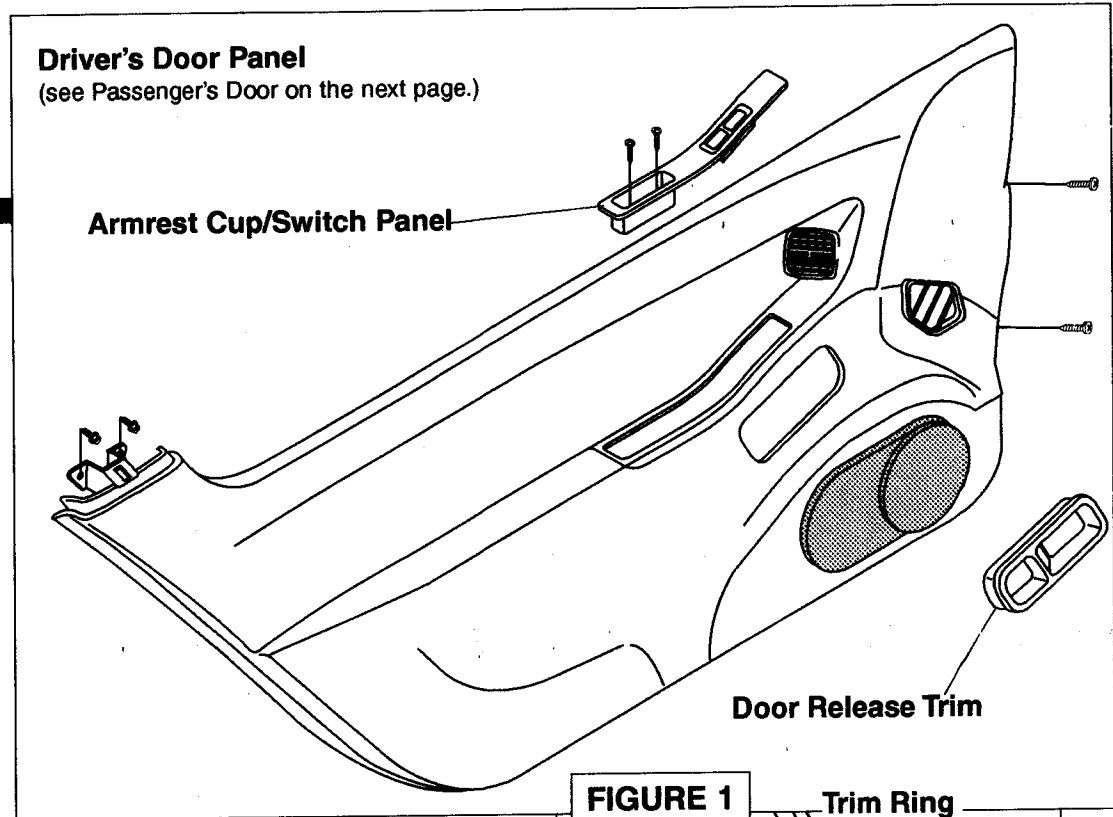
- A. Remove three (3) phillips screws from **seat belt slot trim** at rear of door (see Figure 1). Pry out **trim ring** around seat belt.
- B. Remove two (2) phillips screws from **seat belt trim** at bottom of door. Remove trim (Figure 2).
- C. Pry out **seat belt hanger cover** and remove 14mm bolt from seat belt (Figure 3).

**Driver's Door:**

- A. Lift out cover in bottom of **armrest cup**. Pry out two (2) screw covers and remove phillips screws.
- B. Pry out **armrest cup/switch panel**. Disconnect and remove panel.

**Continued on the next page.**

**Driver's Door Panel**  
(see Passenger's Door on the next page.)

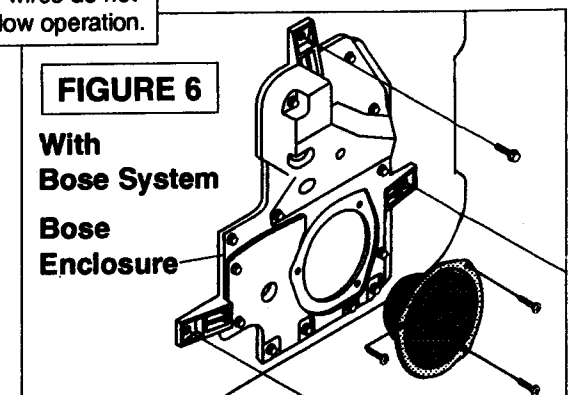
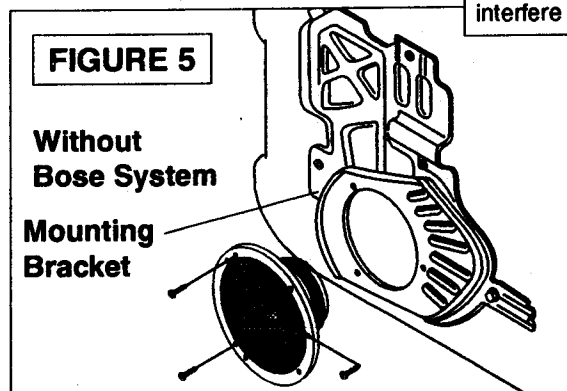
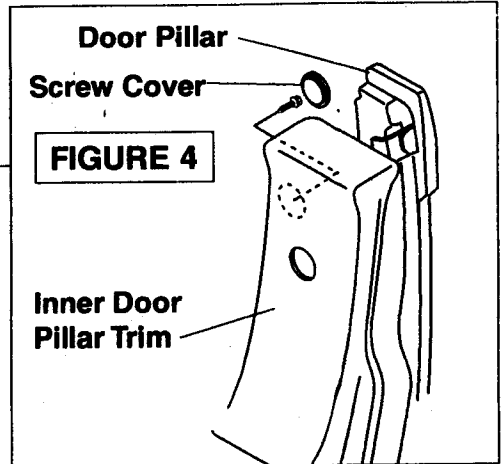
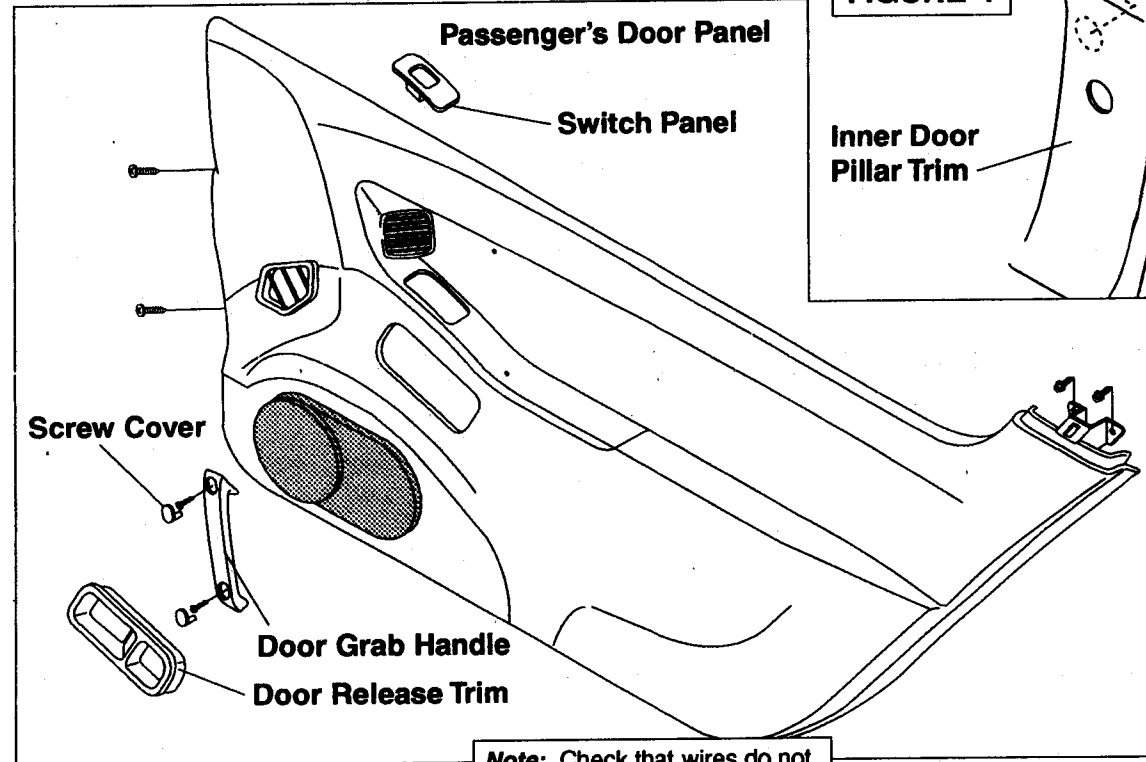


**NOTES:****Please read first**

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

**Door Speakers (continued)*****Passenger's Door:***

- Pry out **switch panel** and disconnect if equipped.
- Pry out two (2) screw covers in **door grab handle**. Remove screws and remove grab handle.
- Pry out **screw cover** from outside of **door pillar**. Remove phillips screw from cavity. Pry **inner door pillar trim** from pillar. Remove two (2) phillips screws from cavity (Figure 4).
- Pry around edges of door panel to release retaining clips. Slide seat belts out of slots. Lift door panel upward to remove.
- Remove three (3) phillips screws securing speaker to **mounting bracket** (or **Bose enclosure**) to door. Disconnect connector from speaker (or enclosure) and remove.
- Connect speaker wiring adaptor of replacement speaker to vehicle speaker connector. Secure replacement speaker (or brackets if needed) to door with screws previously removed or supplied with brackets.
- Test speaker operation. Reinstall door panel by reversing removal steps.



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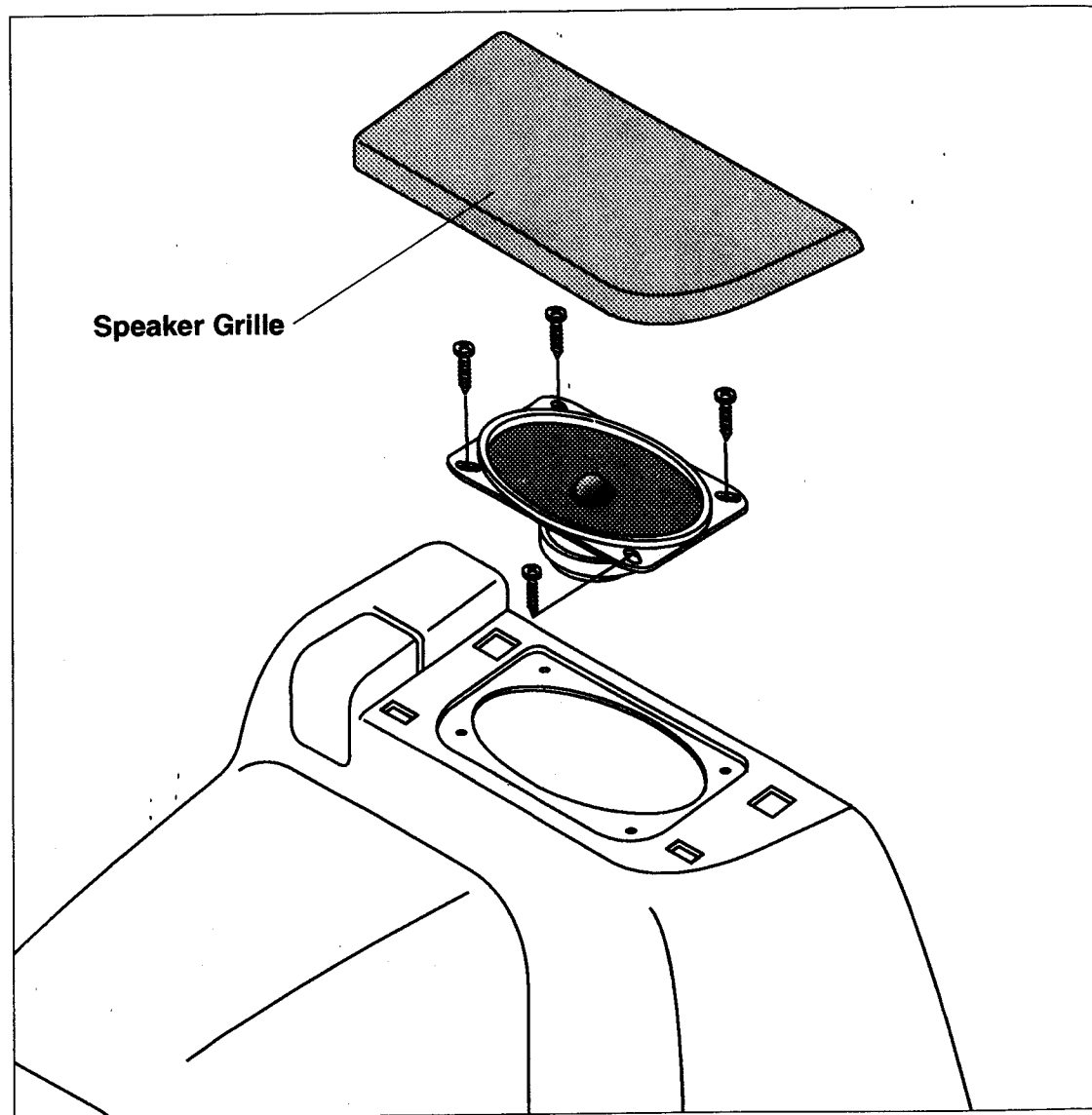
## Rear Speakers (vehicles without Bose systems)

### NOTES:

*Please read first*

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

1. Pry off **speaker grille** with a panel tool.
2. Remove four (4) phillips screws securing speaker to mounting bracket.
3. Pull out speaker, disconnect and remove.
4. Connect speaker wiring adaptor to vehicle connector and secure speaker with screws previously removed.
5. Test speaker for proper operation and reinstall speaker grille.



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## Rear Speakers (vehicles with Bose systems)

### NOTES:

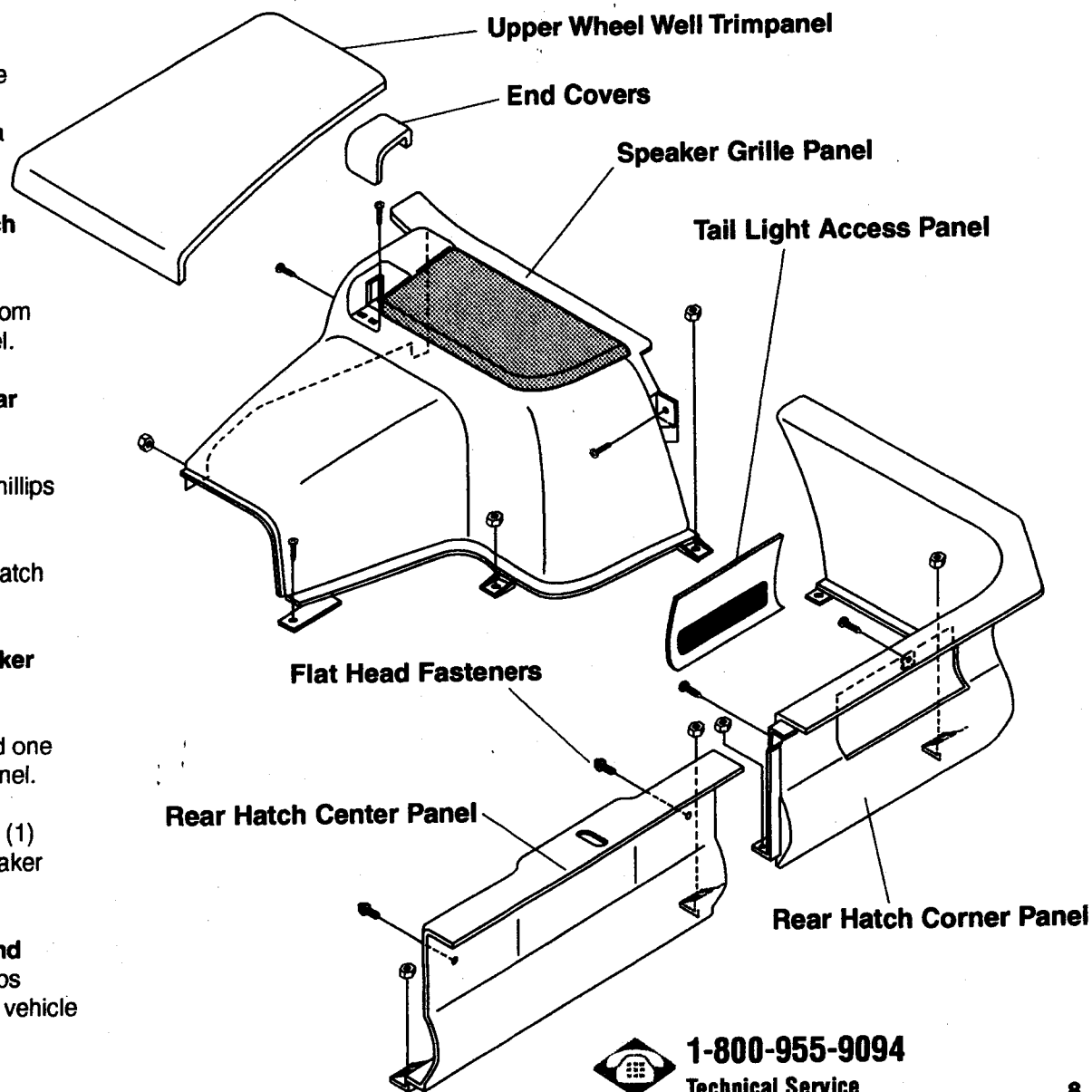
*Please read first*

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

**Note: If vehicle is equipped with Bose system:**

Replacement of any speakers will require replacement of the entire system. Factory brackets will be needed to install speakers in this location. Brackets can be purchased from a Nissan dealership.

1. Remove two (2) **flat-head fasteners** at top of **rear hatch center panel** by turning counter clockwise.
2. Fold carpet flap forward. Remove two (2) 10mm nuts from lower edge of rear hatch center panel and remove panel.
3. Remove two (2) phillips screws from inside edges of **rear hatch corner panel**.
4. Pry out **tail light access panels** and remove one (1) phillips screw from each cavity.
5. Remove two (2) 10mm nuts from bottom edge of rear hatch corner panel. Pull out panel to remove.
6. Remove one (1) phillips screws from rear of each **speaker grille panel**.
7. Fold back floor carpet. Remove two (2) 10mm nuts and one (1) phillips screw from bottom edge of speaker grille panel.
8. Pry out **upper wheel well trimpanels** and remove one (1) phillips screw and (1) 10mm nut from front edge of speaker grille panel.
9. Lift out cargo cover assembly, if equipped, or pry out **end covers** in front of speaker grilles and remove one phillips screw from cavity. Lift panels and pull toward center of vehicle to remove.



*Continued on the next page.*



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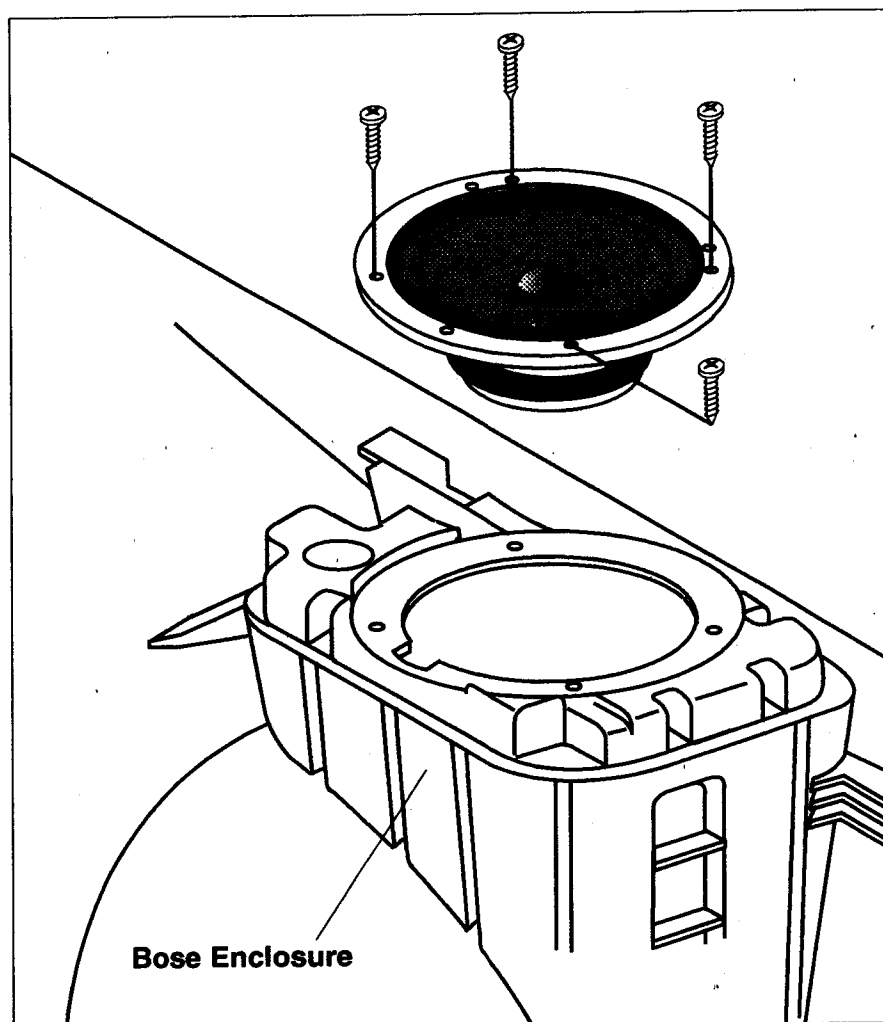
## Rear Speakers (vehicles with bose systems - continued)

### NOTES:

**Please read first**

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

10. Remove four (4) phillips screws (or three 7mm screws on newer models) securing speaker to **Bose enclosure**. Remove and disconnect speaker.
11. Secure speaker to enclosure with phillips or hex screws previously removed. Route speaker wires from replacement speaker through port hole of Bose enclosure or drill a small hole to pass wire through. Use a suitable sealant to seal holes. This will provide acoustic suspension for the replacement speaker.
12. Route speaker wires to receiver or amplifier location. Connect speaker wiring and test operation.
13. Reinstall rear hatch area panels by reversing removal steps.



# Receiver Wiring Adaptor

Before starting, compare items on your invoice with items received. If any parts are missing, first thoroughly check through packaging material. If an item is missing, please call:  
**Crutchfield Technical Assistance at 1-800-955-9094**

120 70-1763

Revision 04/03/98

## STEP 1 -- CONNECT WIRES

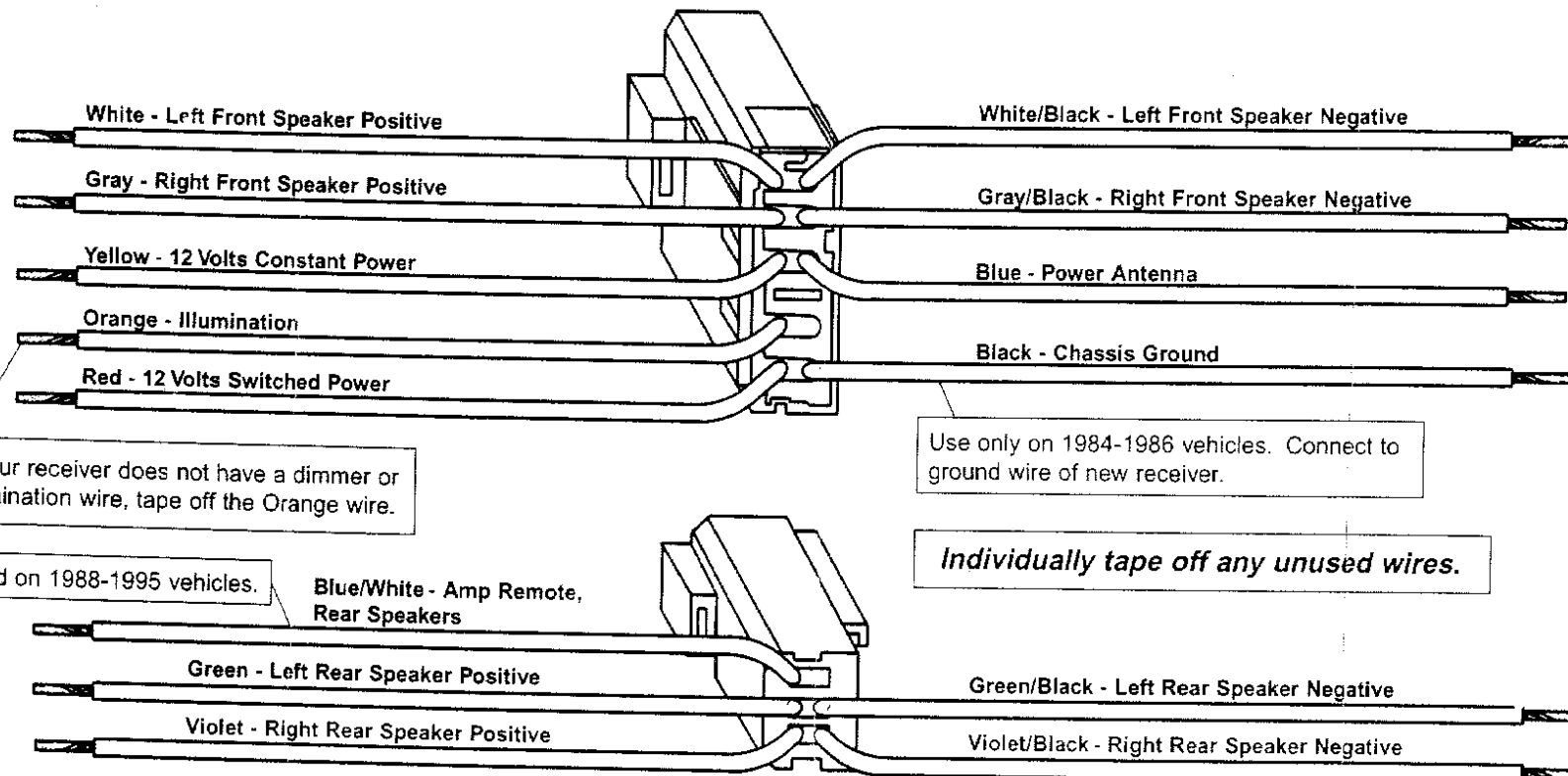
Connect wires below to the matching function of each wire on your receiver (refer to instructions supplied with receiver).

**IMPORTANT:** The wire colors of your new receiver may, or may not, match the wire colors of the adaptor. Match adaptor and receiver wires by function, disregarding color.

If wiring adaptor or receiver does not use bullet connectors, Crutchfield recommends that you solder connections. See soldering instructions on page 3.

## STEP 2 -- INSTALL

Plug housings into factory harnesses in vehicle.

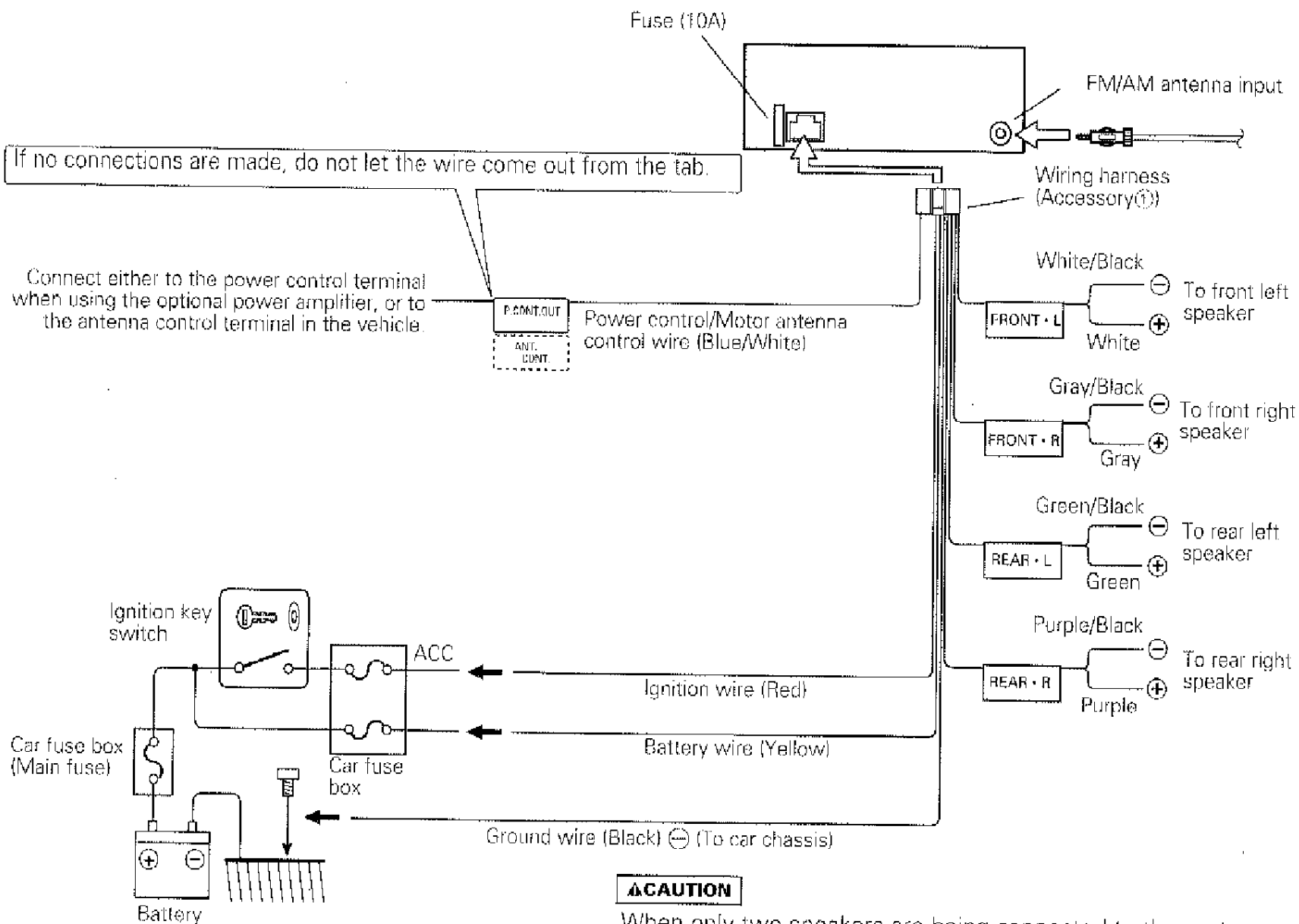


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# Connecting Wires to Terminals



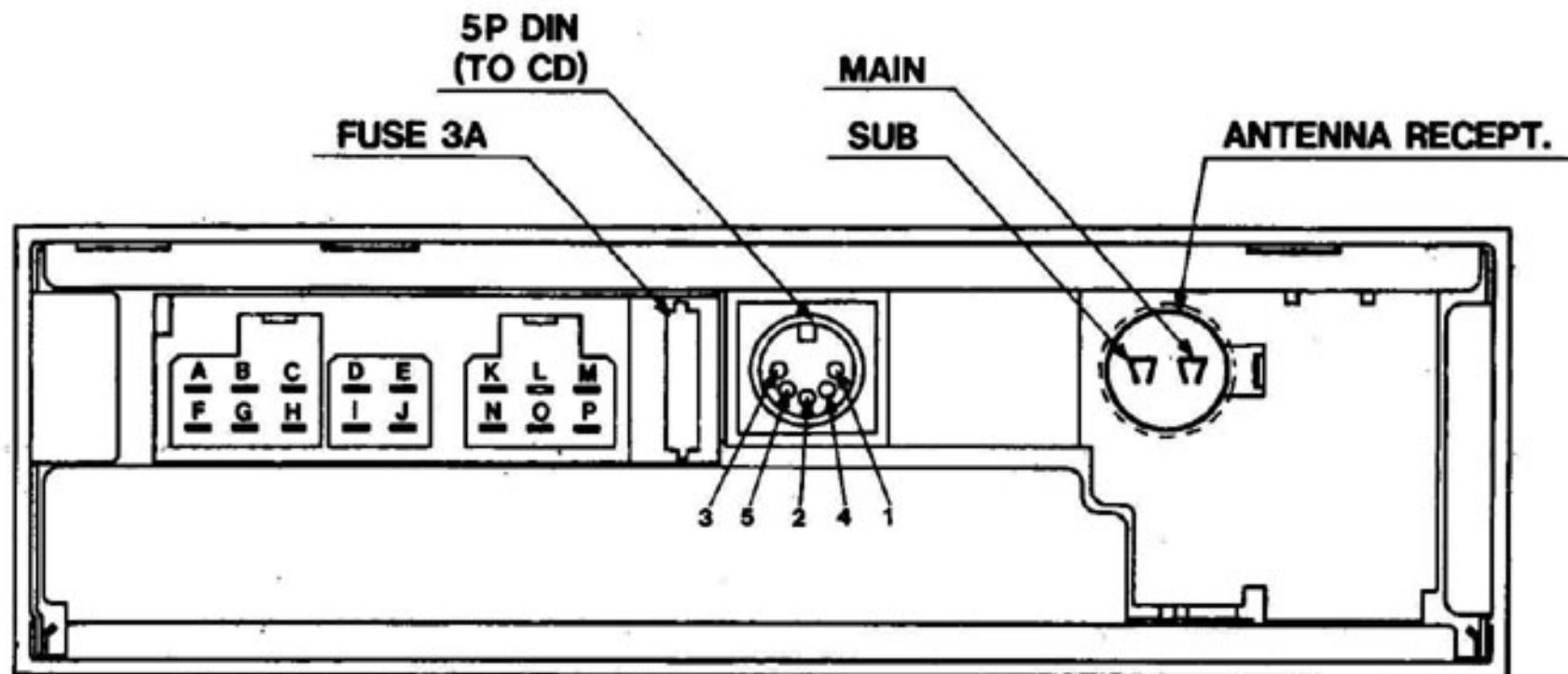
## ⚠ WARNING

If you connect the ignition wire (red) and the battery wire (yellow) to the car chassis (ground), you may cause a short circuit, that in turn may start a fire. Always connect those wires to the power source running through the fuse box.

## ⚠ CAUTION

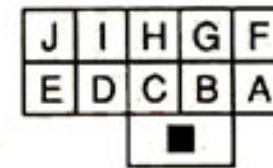
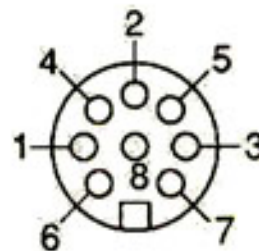
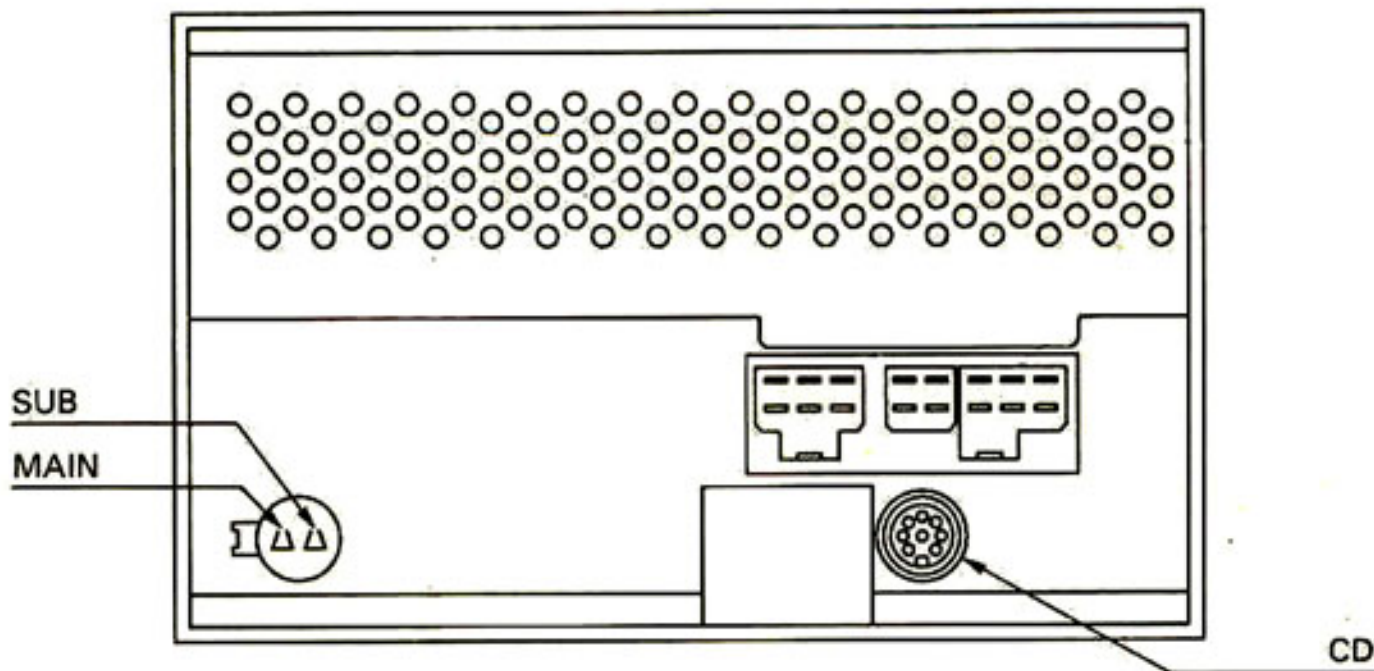
When only two speakers are being connected to the system, connect the connectors either to both the front output terminals or to both the rear output terminals (do not mix front and rear). For example, if you connect the ⊕ connector of the left speaker to a front output terminal, do not connect the ⊖ connector to a rear output terminal.

# REAR VIEW AND CONNECTORS:



A	FRONT LEFT SP. ⊕
B	FRONT RIGHT SP. ⊕
C	BACK UP
D	LIGHTING SWITCH
E	ACC
F	FRONT LEFT SP. ⊖
G	FRONT RIGHT SP. ⊖
H	ANT. SIGNAL
I	ILLUMI. CONTROL (RHEOSTAT)
J	GROUND
K	REAR AMP. ON/OFF SIGNAL
L	REAR LEFT SP. ⊕
M	REAR RIGHT SP. ⊕
N	GROUND
O	REAR LEFT SP. ⊖
P	REAR RIGHT SP. ⊖

1	CD-ON SIGNAL (COMBI.-CD)
2	COMBI. ON SIGNAL (COMBI.->CD)
3	SIGNAL GROUND
4	L-CH INPUT
5	R-CH INPUT



1	AUX. ON SIGNAL INPUT
2	COMBI. ON SIGNAL OUTPUT
3	
4	LEFT CH. INPUT ⊕
5	RIGHT CH. INPUT ⊕
6	LEFT CH. INPUT ⊖
7	RIGHT CH. INPUT ⊖
8	

A	FRONT AMP LCH ⊕	I	ILLUMI. CONTROL (RHEOSTAT)
B	FRONT AMP RCH ⊕	J	GROUND
C	BACK UP	K	REAR AMP. ON/OFF SIGNAL
D	LIGHTING SWITCH	L	REAR AMP LCH ⊕
E	ACC	M	REAR AMP RCH ⊕
F	FRONT AMP LCH ⊖	N	GROUND
G	FRONT AMP RCH ⊖	O	REAR AMP LCH ⊖
H	ANT. SIGNAL	P	REAR AMP RCH ⊖