

# CRUTCHFIELD®

## *Mobile Video Installation Guide*



This installation guide offers examples of mobile video system types and suggested layouts. The installation of your system will depend upon the make and body style of your vehicle as well as the equipment purchased.

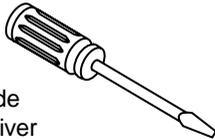
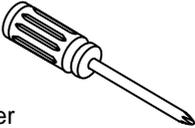
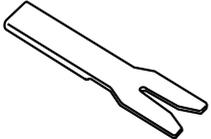
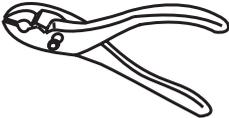
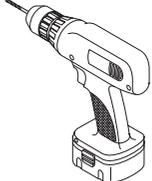
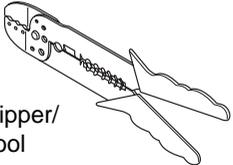
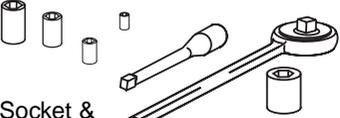
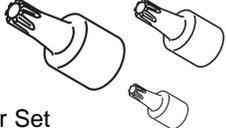
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### Tools Needed: (depending upon vehicle)

 Flat Blade Screwdriver	 Phillips Screwdriver	 Panel Tool
 Pliers	 Drill & Bit Set	 Utility Knife
 Wire Stripper/ Crimp Tool	 Socket & Ratchet Set	 Torx Driver Set

## Replacement Headrest Monitors

The components of your mobile video system include a DVD player (or VCR), a video monitor and a sound component (usually wireless headphones). The optional Crutchfield wiring kit (available Fall 2004) has all the parts you'll need to power these components.

### System Layout

A system using replacement headrest monitors is shown with suggested locations for components and wire routing (Figure 1). Examine your vehicle to determine the best mounting locations.

### Mounting Components

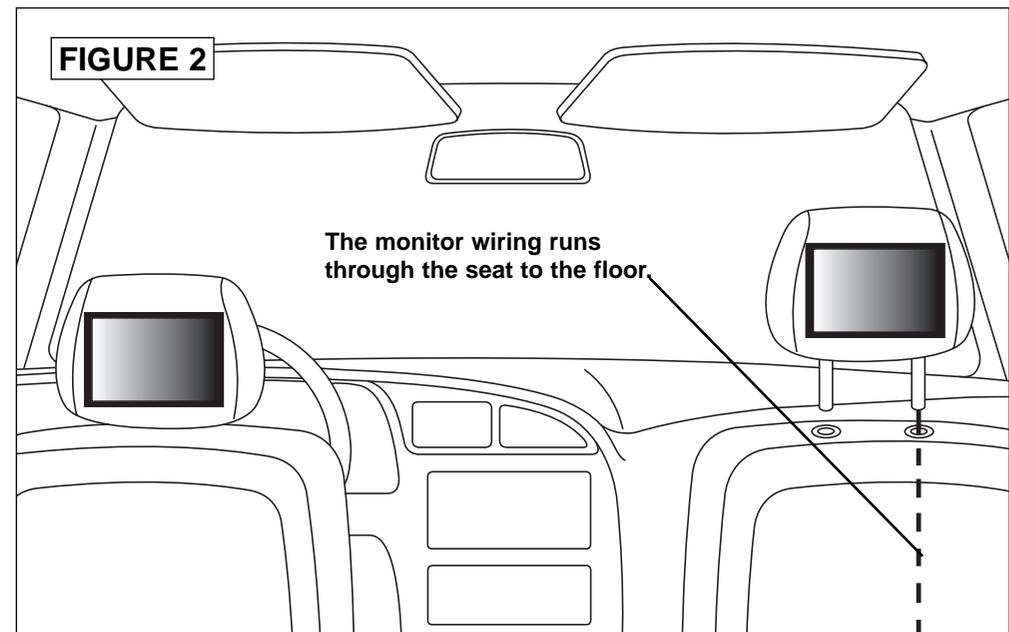
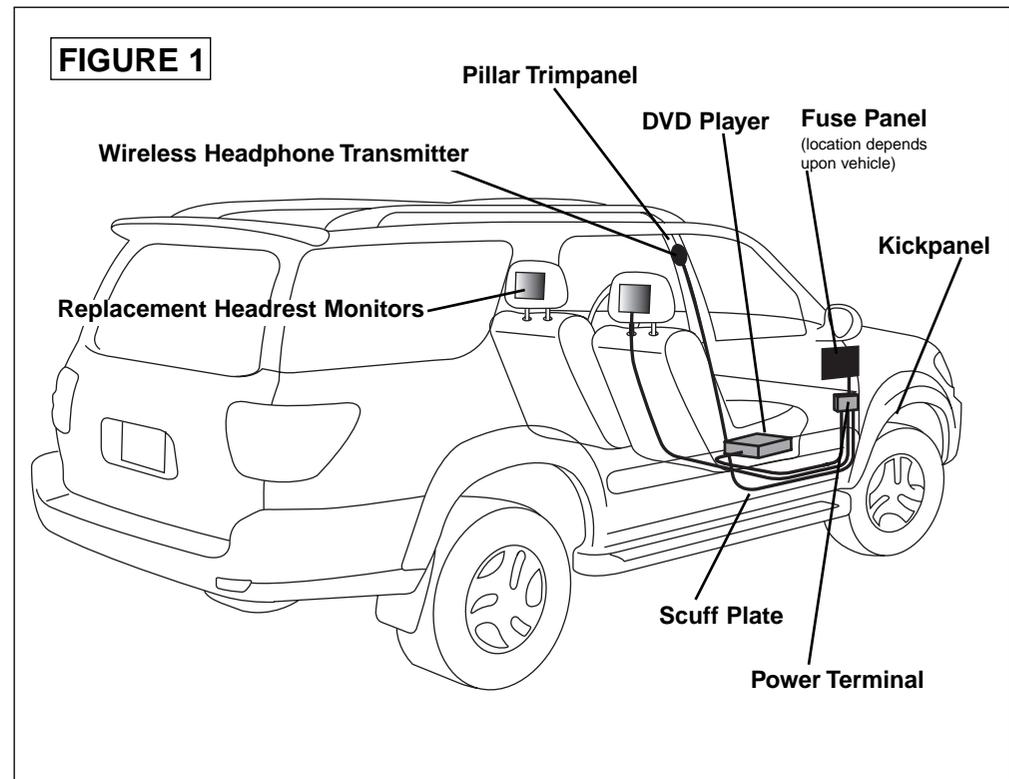
**Replacement headrest monitors** fit into the same slots in top of the seat that hold the factory headrests. The wiring is fed through the seat, to the the floor and routed to the terminal block (Figure 2). Depending upon the vehicle, the DVD (or VCR) might be mounted under the seat, under the dash or in the console area. Use the instructions and hardware supplied with each component to secure them in the desired locations.

### Wire Routing

All system wiring should be concealed for safety and to give your installation a nice finished look. Wires should be secured so that they do not interfere with safe vehicle operation. Depending upon the vehicle, the wiring for your system may need to be run under the dash, door scuff plate, pillar trimpanel, kickpanel, or headliner. See page 6 for details showing how these trimpanels are typically removed. It will be necessary to run a power wire to the main fuse panel of the vehicle (see page 7).

### Wiring Connections

The optional Crutchfield wiring kit (available Fall 2004) contains a main power wire, ground wire, terminal blocks and other accessories for a making power connections to your vehicle. See a full layout of components on page 7.



## Headrest-Mounted Monitors

The components of your mobile video system include a DVD player (or VCR), a video monitor and a sound component (usually wireless headphones). The optional Crutchfield wiring kit (available Fall 2004) has all the parts you'll need to power these components.

### System Layout

A system using bracket-mounted headrest monitors is shown with suggested locations for components and wire routing (Figure 1). Examine your vehicle to determine the best mounting locations.

### Mounting Components

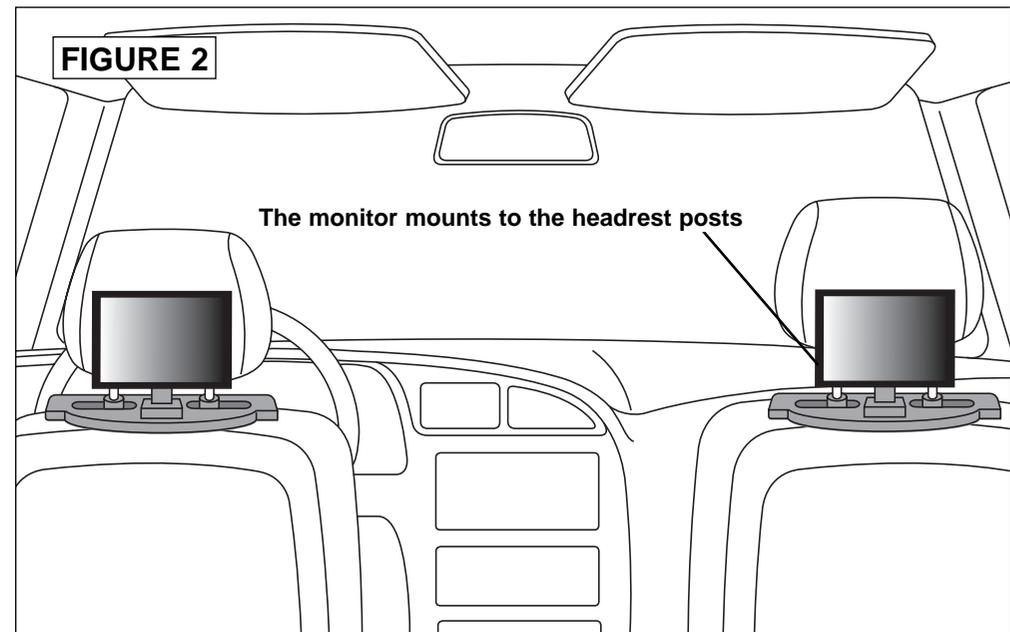
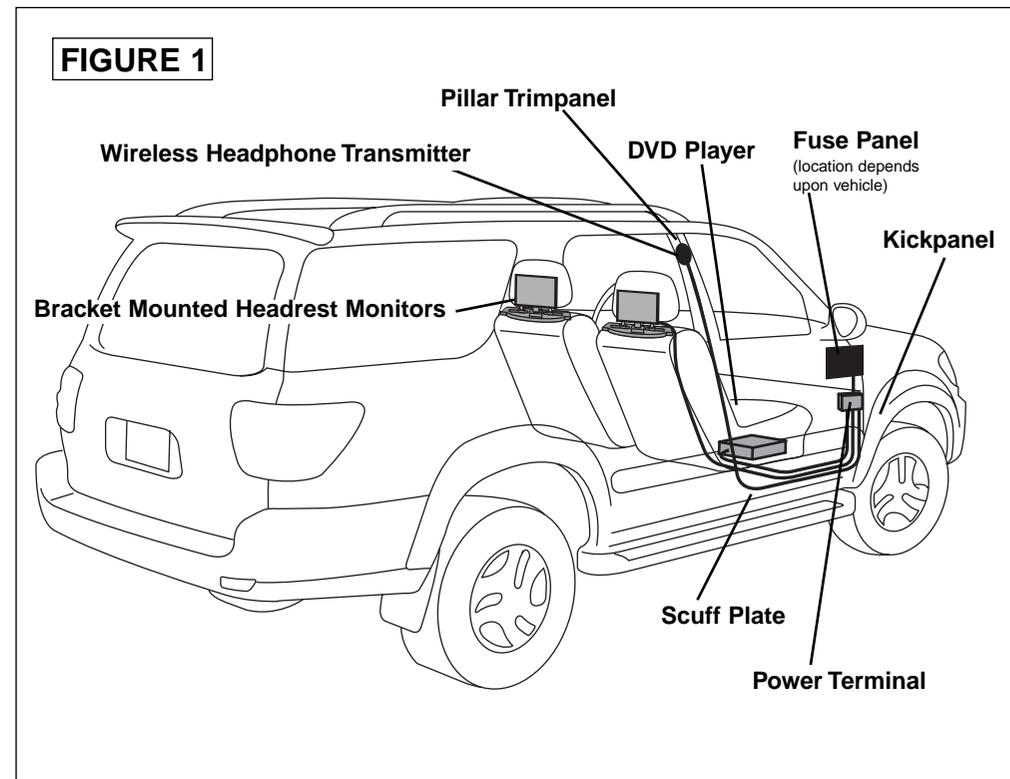
**Bracket-mounted headrest monitors** secure to most two-post factory headrests. You simply remove the headrest, slide the monitor mounting bracket through the posts and reinstall the headrest (Figure 2). Depending upon the vehicle, the DVD (or VCR) might be mounted under the seat, under the dash or in the console area. Use the instructions and hardware supplied with each component to secure them in the desired locations.

### Wire Routing

All system wiring should be concealed for safety and to give your installation a nice finished look. Wires should be secured so that they do not interfere with safe vehicle operation. Depending upon the vehicle, the wiring for your system may need to be run under the dash, door scuff plate, pillar trimpanel, kickpanel, or headliner. See page 6 for details showing how these trimpanels are typically removed. It will be necessary to run a power wire to the main fuse panel of the vehicle (see page 7).

### Wiring Connections

The optional Crutchfield wiring kit (available Fall 2004) contains a main power wire, ground wire, terminal blocks and other accessories for a making power connections to your vehicle. See a full layout of components on page 7.



## Overhead Monitors

The components of your mobile video system include a DVD player (or VCR), a video monitor and a sound component (usually wireless headphones). The optional Crutchfield wiring kit (available Fall 2004) has all the parts you'll need to power these components.

### System Layout

A system using an overhead monitor is shown with suggested locations for components and wire routing (Figure 1). Examine your vehicle to determine the best mounting locations.

### Mounting Components

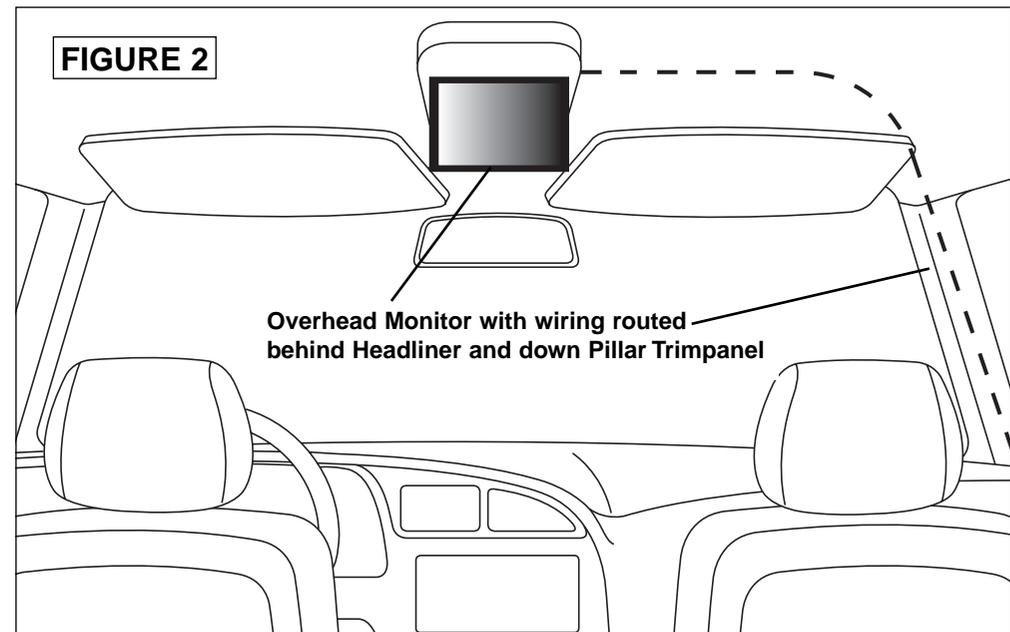
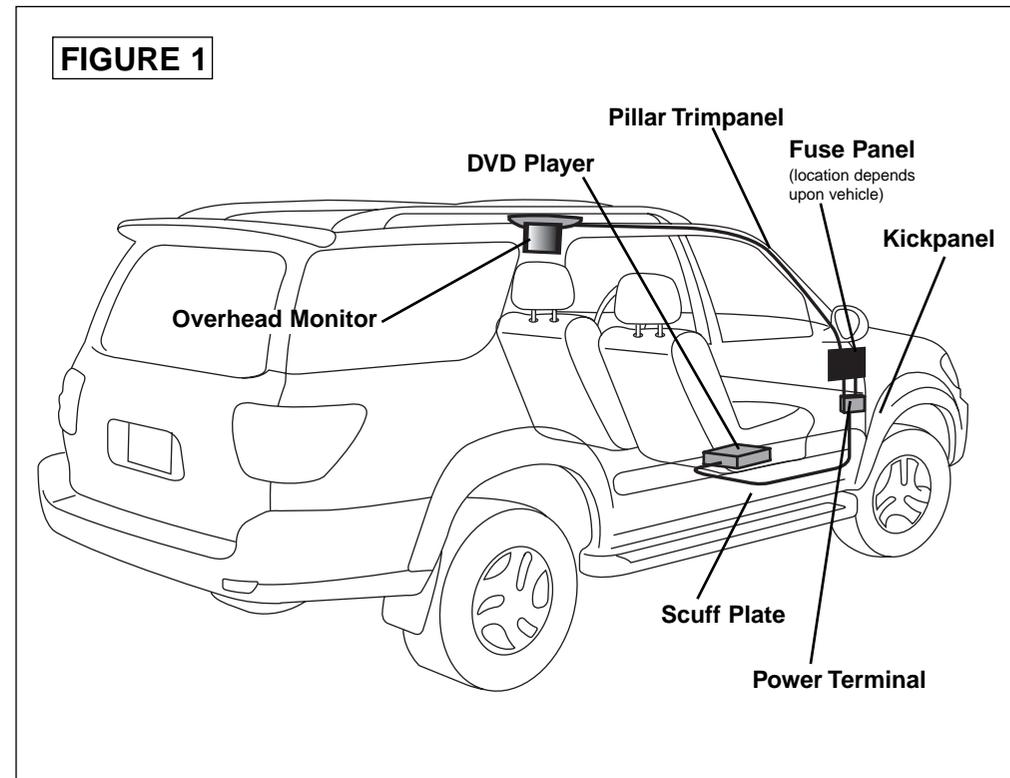
An overhead monitor secures to the center ceiling. Be sure it is located for easy viewing by rear passengers (Figure 2). Use the instructions and hardware supplied with each component to secure them in the desired locations.

### Wire Routing

All system wiring should be concealed for safety and to give your installation a nice finished look. Wires should be secured so that they do not interfere with safe vehicle operation. Depending upon the vehicle, the wiring for your system may need to be run under the dash, door scuff plate, pillar trimpanel, kickpanel, or headliner. See page 6 for details showing how these trimpanels are typically removed. It will be necessary to run a power wire to the main fuse panel of the vehicle (see page 7).

### Wiring Connections

The optional Crutchfield wiring kit (available Fall 2004) contains a main power wire, ground wire, terminal blocks and other accessories for a making power connections to your vehicle. See a full layout of components on page 7.



## Monitor & Built-in DVD Player

The components of your mobile video system include a DVD player (or VCR), a video monitor and a sound component (usually wireless headphones). The optional Crutchfield wiring kit (available Fall 2004) has all the parts you'll need to power these components.

### System Layout

A system using an overhead monitor with built-in DVD player is shown with suggested locations for components and wire routing (Figure 1). Examine your vehicle to determine the best mounting locations.

### Mounting Components

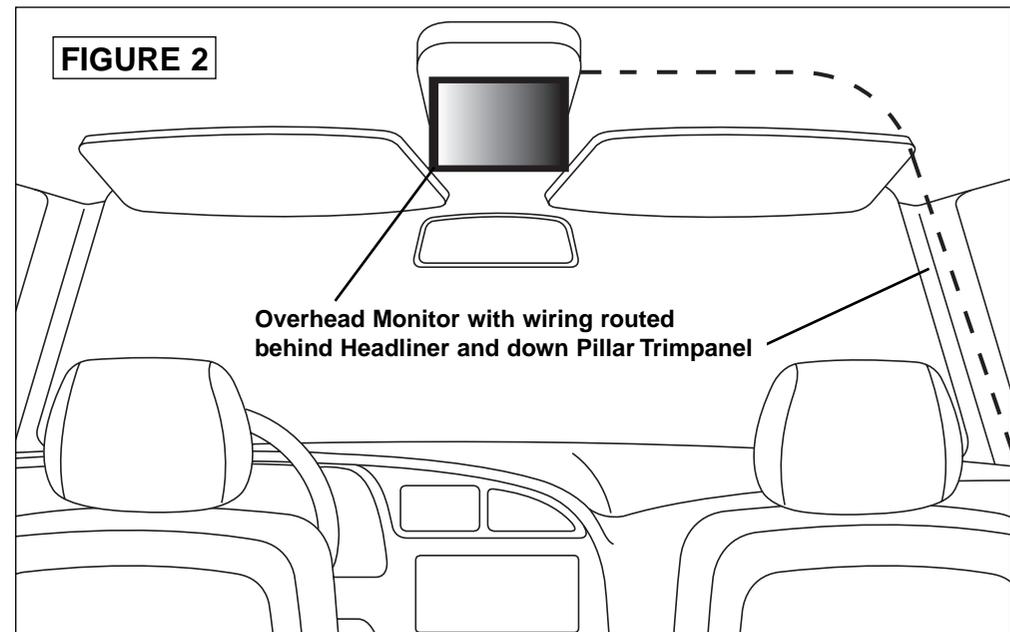
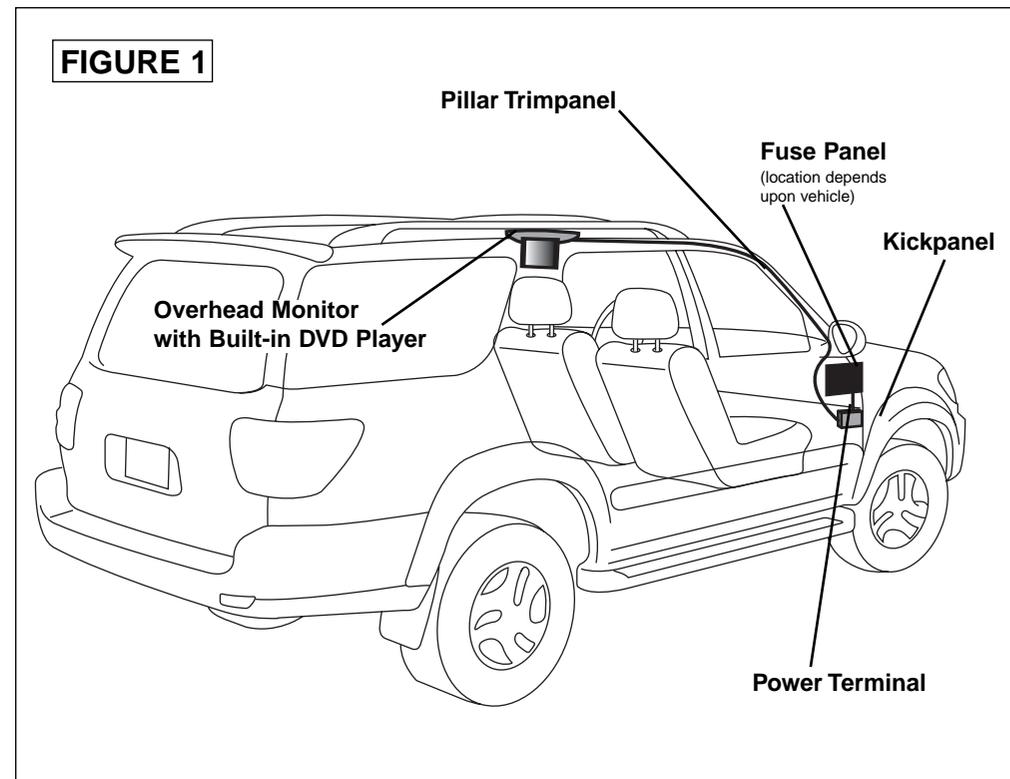
The overhead monitor secures to the center ceiling. Be sure it is located for easy viewing by rear passengers (Figure 2). Use the instructions and hardware supplied with each component to secure them in the desired locations.

### Wire Routing

All system wiring should be concealed for safety and to give your installation a nice finished look. Wires should be secured so that they do not interfere with safe vehicle operation. Depending upon the vehicle, the wiring for your system may need to be run under the dash, door scuff plate, pillar trimpanel, kickpanel, or headliner. See page 6 for details showing how these trimpanels are typically removed. It will be necessary to run a power wire to the main fuse panel of the vehicle (see page 7).

### Wiring Connections

The optional Crutchfield wiring kit (available Fall 2004) contains a main power wire, ground wire, terminal blocks and other accessories for a making power connections to your vehicle. See a full layout of components on page 7.



## Wire Routing

The wire routing and concealment depends upon your vehicle and where the components of your system are placed. The instructions below address, in general, what panels may need to be removed and how they typically come off. Often panels can be pried up at edges. Screws and retaining clips might also be present that require removal (Figure 1). To prevent damage, always use care when removing panels.

### **Door Scuff Plate removal**

The plates are usually removed by prying up the edges to release clips. Some vehicles will have screws present which will need to be removed (Figure 2).

### **Seat Belt removal**

A seat belt may be located on the panel that needs to be removed. Most seat belt anchor covers pry off. The seat belt anchor is secured with a large nut or bolt (Figure 3).

### **Pillar Trimpanel removal**

Remove seat belt if present. Remove screw covers, screws and plastic retaining clips, if present. Pry up edges of panel to remove (Figures 4 & 5).

### **Kickpanel removal**

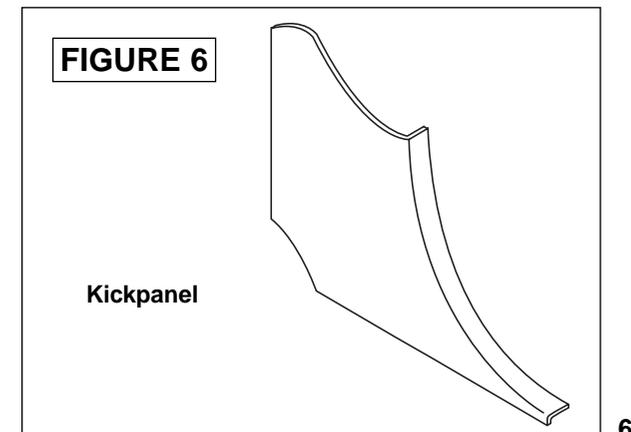
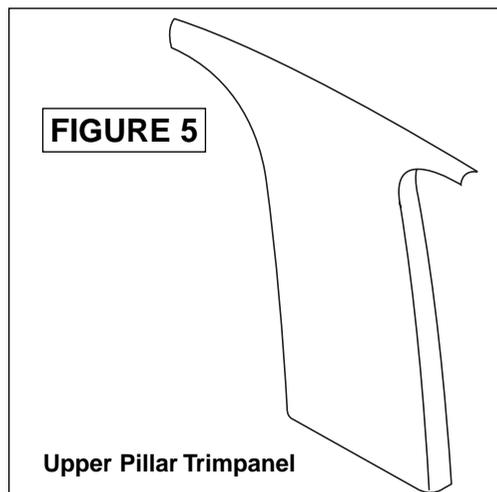
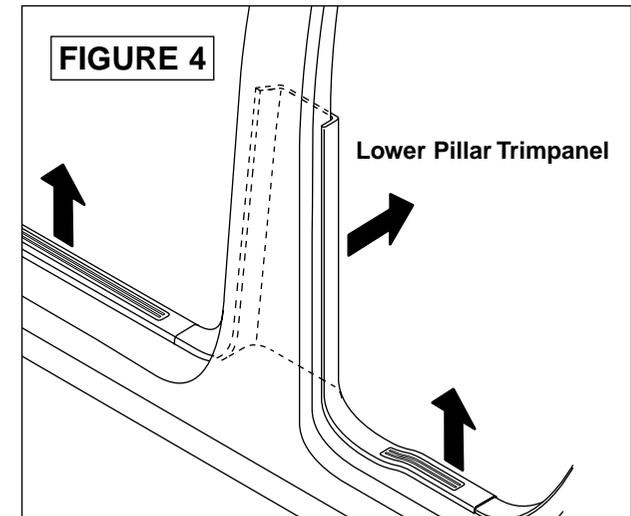
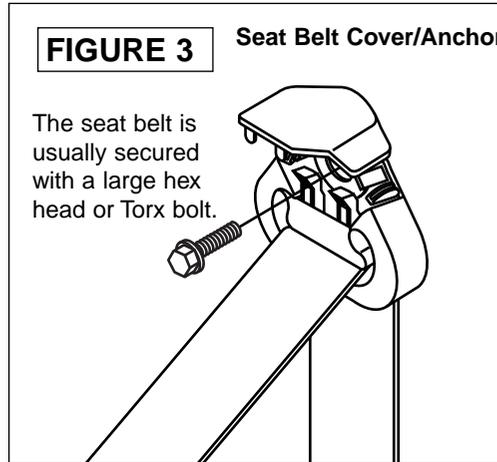
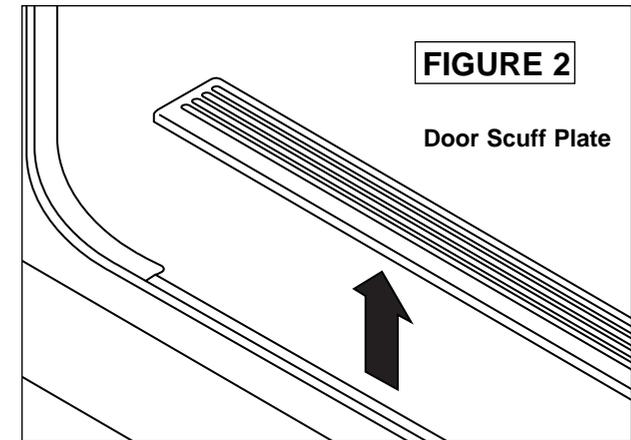
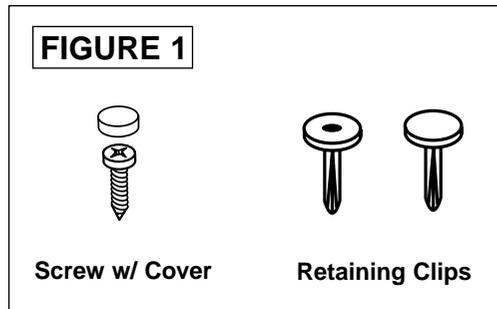
Look for screws and pry-out retaining clips to remove. Pry out edges of panel to release and remove (Figure 6).

### **Routing wire behind dash**

Route wire behind dash and secure with plastic wire ties. Be sure that wire does not interfere with any moving parts to ensure safe operation of vehicle.

### **Routing wire for components and power connections**

Determine desired locations for each component. Use the most direct route for wires. Remove panels necessary to route and conceal wires. Test system before reinstalling panels.



## Wiring Connections

The optional Crutchfield wiring kit (available Fall 2004) contains all the parts and hardware necessary to get power to your system. Follow the instructions supplied with the kit for details to make connections. This illustration is a generic example of a layout of components in a typical system.

