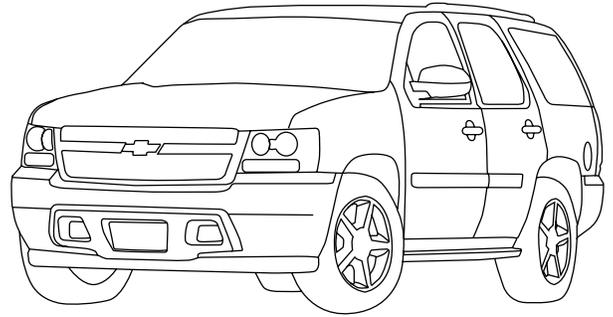


CHEVROLET/GMC

- Model: Full Size Truck and SUV
- Model Year: 2007-2014
- Trim Level: All



	Model	Year
CHEVROLET	SILVERADO LTZ	2007 - 2013
	AVALANCHE	2007 - 2013
	SUBURBAN	2007 - 2014
	TAHOE	2007 - 2014
GMC	SIERRA SLT	2007 - 2013
	YUKON	2007 - 2014
	YUKON XL	2007 - 2014

* The specified vehicles have been tested and have met compatibility specs at the time of testing. Compatibility is not guarantee if the manufacturer has made production changes to the listed vehicles above.

Introduction

- Design and specifications are subject to change without notice for improvement.

To Ensure Safe Use, Always Follow These Precautions

- The installation of this product requires specialized skills and experience. We recommend that you have the product installed by the store that you purchased it from.
- Before you use this product, be sure to carefully read this installation manual and the separate user's manual so that you can use the product correctly. Alpine Electronics bears no responsibility for problems that arise as a result of failure to follow the instructions in the manuals.
- This manual includes a number of symbols that are intended to help you use the product safely, to prevent harm to you and others, and to protect against damage to property. These symbols and their meanings are listed below. Make sure you fully understand these symbols before you begin reading the main text.

Explanations of Injury and Damage That May Result from Incorrect Use

 Warning	Ignoring the content marked by this indication and using the product incorrectly is expected to lead to death or serious injury.
 Caution	Ignoring the content marked by this indication and using the product incorrectly is only expected to lead to injury or property damage.

Types of Precautions

 Forbidden	Indicates actions that are forbidden (must not be performed)	 Mandatory	Indicates actions that are mandatory (must be performed)
 Forbidden	Indicates that disassembly is forbidden.		Marks content that should receive your full attention.

 **Warning**

Do not disassemble or modify the product. Doing so could lead to an accident, fire, or electric shock.



Forbidden

Store screws and other small objects where small children cannot reach them. If one of these small objects is swallowed, consult with a doctor immediately.



When replacing fuses, be sure to use fuses with the specified current rating. Failing to do so could lead to an accident or fire.



Forbidden Mandatory

Only connect the product to a 12 VDC negative ground car. Failing to do so could lead to an accident or fire.



Mandatory

Before you begin wiring, remove the ground wire from the negative terminal of the battery. Failing to do so could lead to electric shock or injury.



Do not cut the insulation on a cord and take power from another device. Doing so could lead to fire or electric shock.



Forbidden

Do not install the product in a location where it will obstruct the driver's forward view; interfere with the operation of the steering wheel, gearshift, or the like; or pose a threat to passengers. Doing so could lead to an accident or injury.



Forbidden

When making a hole in the vehicle body, be careful to avoid damaging pipes, the fuel tank, electrical wiring, and the like. This kind of damage could lead to an accident or fire.



When installing and grounding the product, do not use any of the bolts or nuts of the steering wheel, brakes, fuel tank, or the like. Doing so could make the brakes stop working or lead to fire.



Forbidden

Do not install the product near the passenger-side airbag. Doing so could interfere with the operation of the airbag and lead to an accident or injury.



Forbidden

Bundle cords so that they don't interfere with driving. Wrapping cords around the steering wheel, gearshift, brake pedal, or the like, could lead to an accident or damage equipment.



 **Caution**

Connect the product properly according to the instructions. Failing to do so could lead to fire or an accident.



Forbidden

Do not sandwich cords between the seat railing or allow them to touch protrusions. Resulting breaks or shorts could lead to electric shock or fire.



Do not block vents or heat sinks. Doing so could lead to fire or damage equipment.



Use the accessories according to the instructions, and attach them securely. Failing to do so could lead to an accident or damage equipment.



Forbidden

Do not install the product where it may be exposed to water or in a place with high levels of humidity or dust. Doing so could lead to fire or damage equipment.



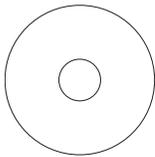
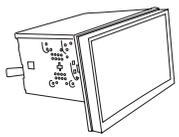
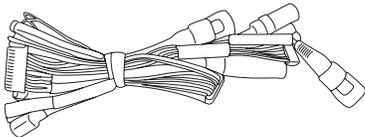
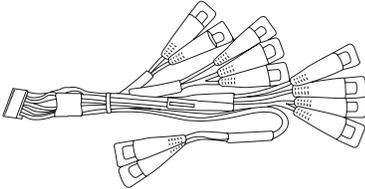
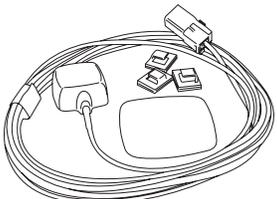
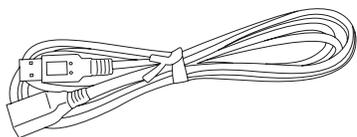
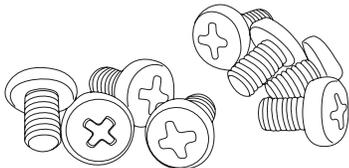
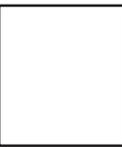
Forbidden

The installation and wiring of this product requires specialized skills and experience. Have the product installed and wired by the store that you purchased it from.

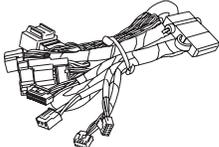
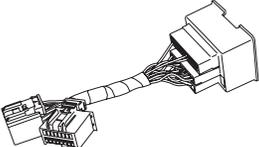
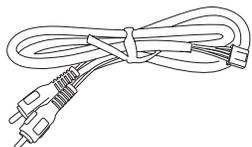
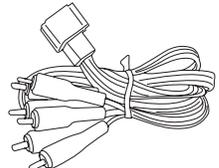
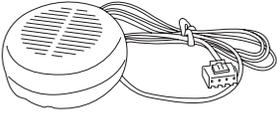
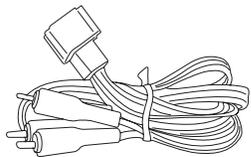
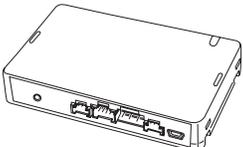


Accessory List

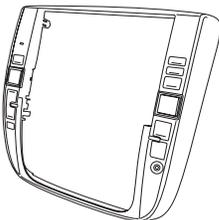
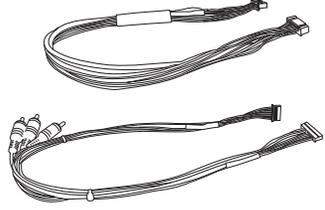
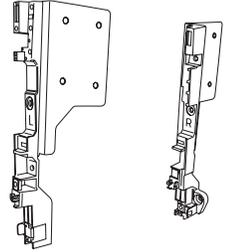
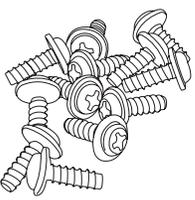
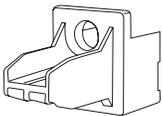
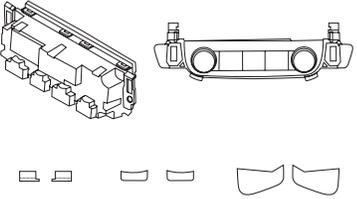
Head Unit Box Parts (X009)

Owner's Manual Disc	X009 Head Unit	X009 Camera Harness
		
AUX/Pre Out Harness	GPS Antenna	USB Extension Cable
		
8mm x 8 Screws	Quick Reference Guides	Registration Cards
	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  QRG Audio </div> <div style="text-align: center;">  QRG Navigation </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Alpine Registration Card </div> <div style="text-align: center;">  NAVTEQ Registration Card </div> </div>

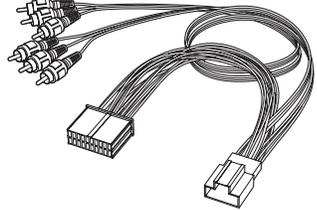
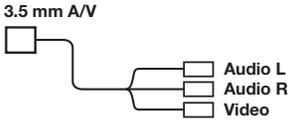
iDatalink Maestro Box Parts (ALP-MRR/ALP-HRN-GM)

Main Harness	Navigation Adapter	Bose Adapter Harnesses
		
Rear Seat A/V Harness	Chime Speaker	USB to Mini USB Cable
		
Vehicle Camera Harness	iDatalink Maestro Module	
		

Installation Kit Parts (G-KTX-009-GM)

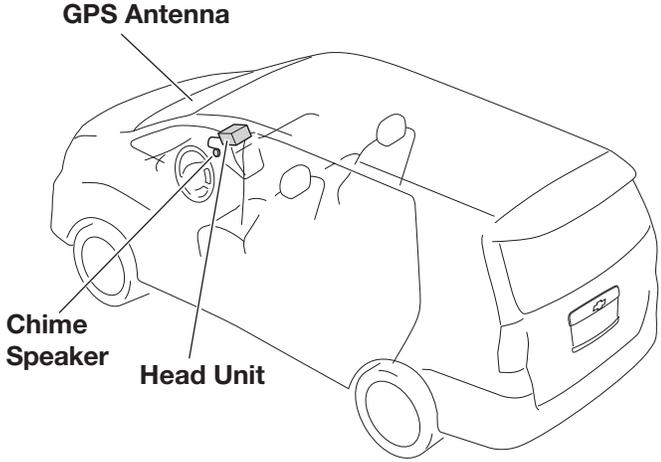
X009-GM Key Panel	Key Harnesses	Side Mounting Brackets
		
Screws x 12	Rear Support Bracket	8mm Screw x1
		
Cutout Template		
		

Optional 3rd-Party Parts (Not Included)

PAC GMRVD2¹	RCA A/V to 3.5 mm Adapter
	 <p>Allows front panel A/V input to be used when vehicle is equipped with factory rear seat entertainment.*²</p>
¹ Needed with 2012-2014 Navi-equipped models.	² Note: To use this option, aux-3 input must be switched from iPod video to aux-3 in the "aux-3 source select" menu.

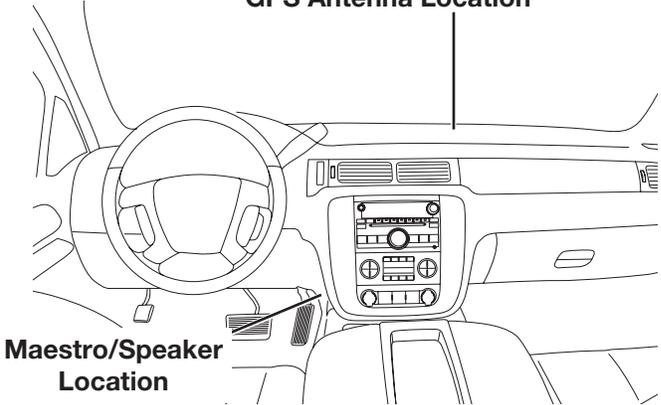
Component Locations

Maestro/Speaker Location

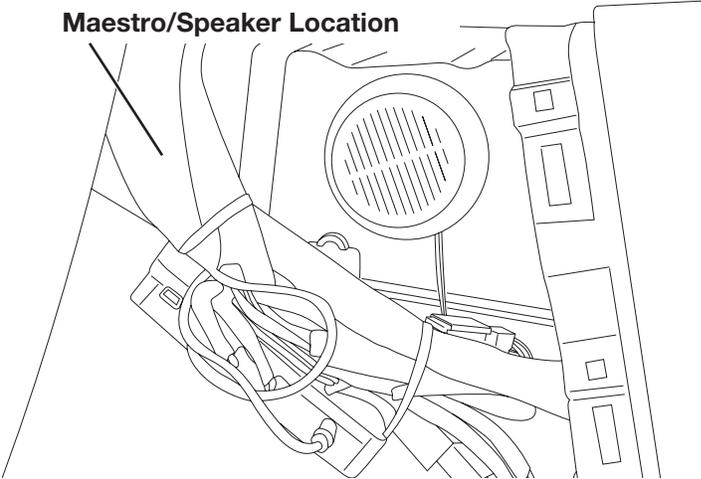


Top View

GPS Antenna Location

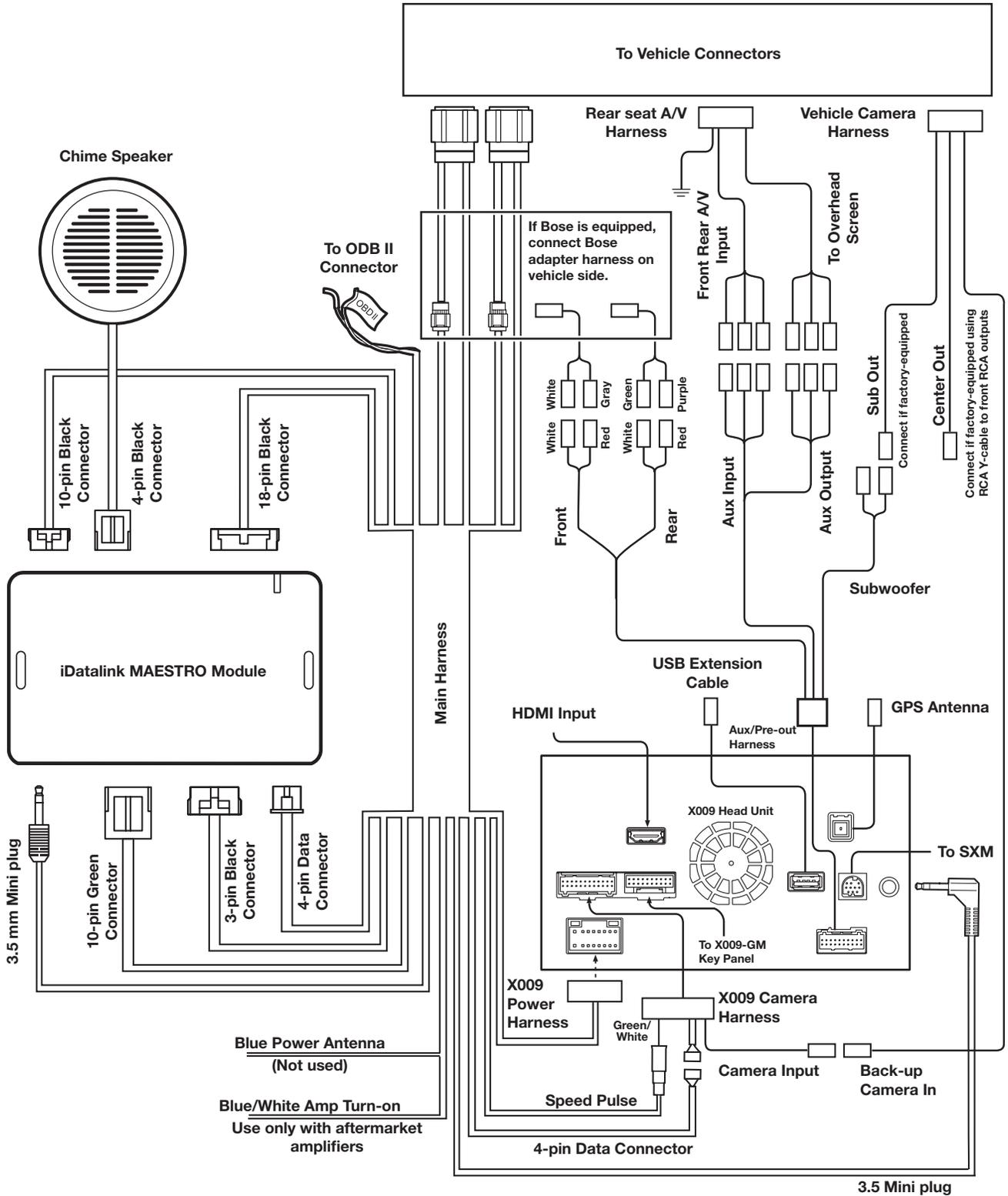


Maestro/Speaker Location



Front side center console driver side view

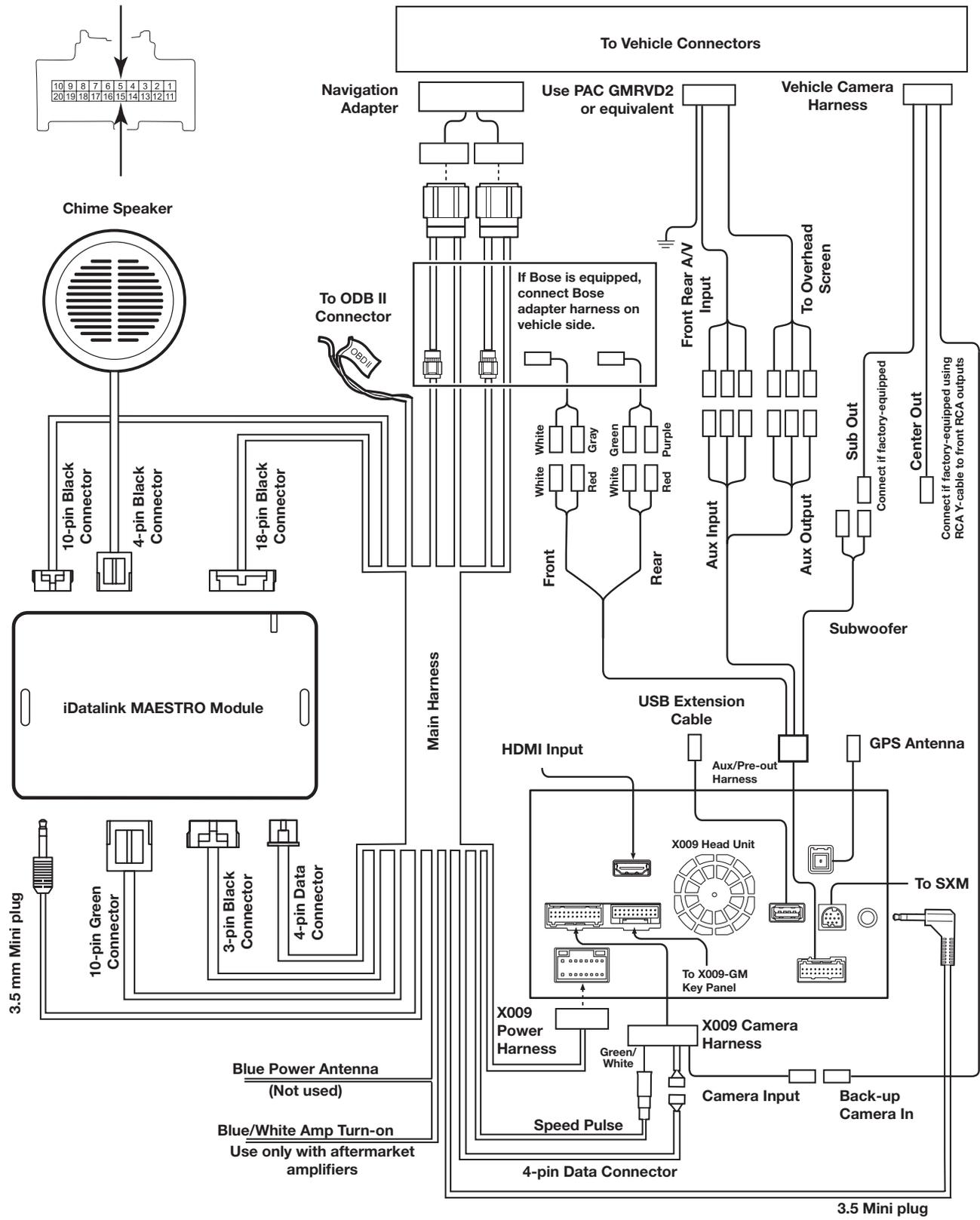
X009-GM System Wiring for All Non-Navigation Equipped Vehicles And 2007-2011 Navigation-Equipped Vehicles



X009-GM System Wiring for 2012-14 Navigation Equipped Vehicles

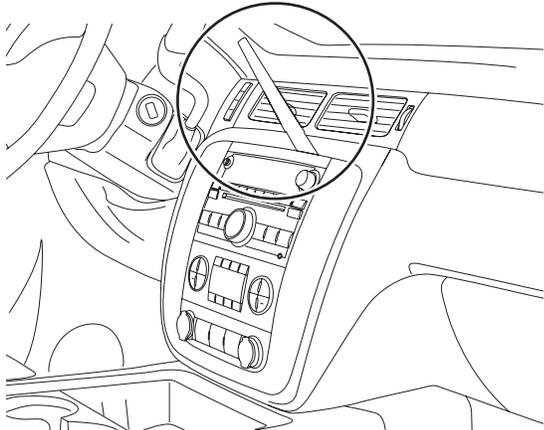
To retain a pre-existing factory rearview camera

- Locate the 20-pin radio plug, connect the **PINK** or **WHITE** wire located at pin 5 to the center of yellow conductor of a yellow RCA, connect the **LIGHT BLUE** or **BARE** wire located at pin 15 to the shield of the yellow RCA.

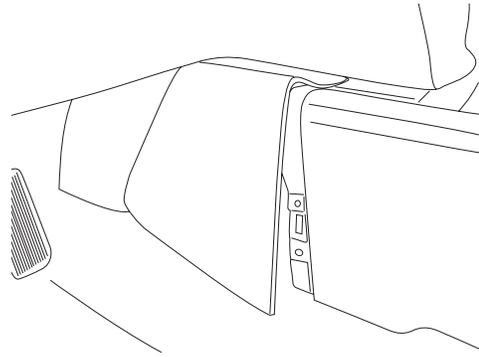


Factory unit disassembly process

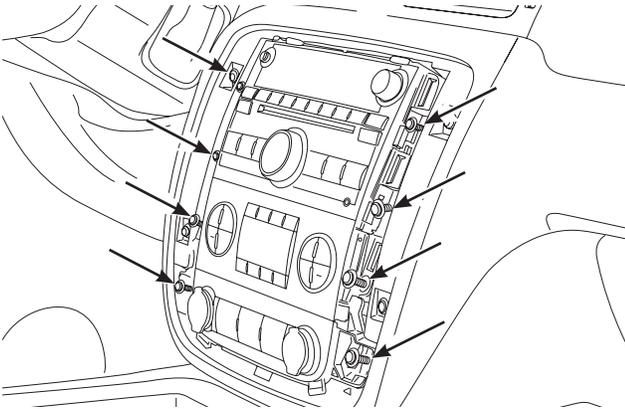
1 Use a panel removal tool to carefully unsnap the trim bezel around the radio and HVAC controls.



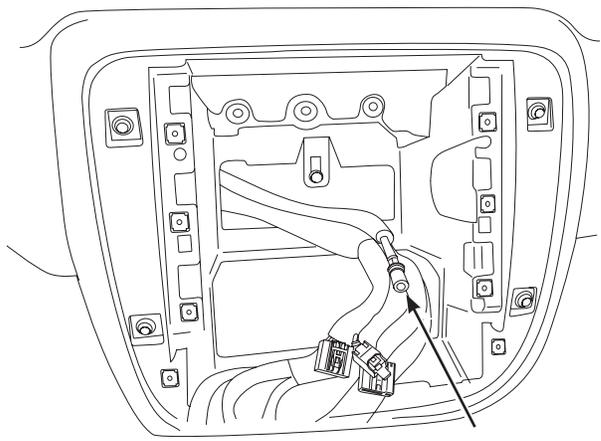
4 Remove driver side center console panel by unsnapping it



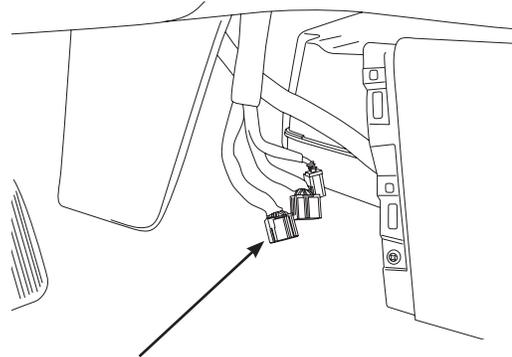
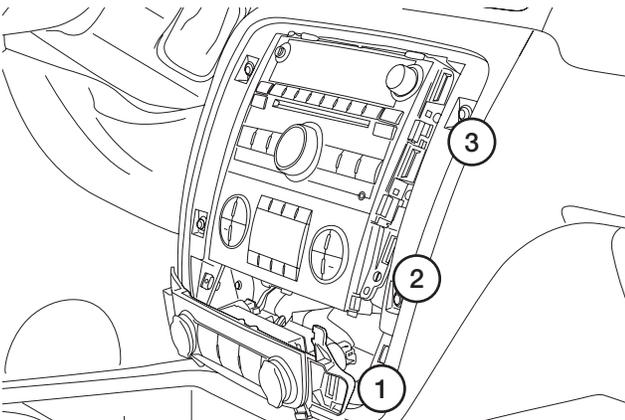
2 Extract (8) 9/32" – 7mm screws securing the radio, HVAC and cigarette lighter panel. Disconnect and remove in the order shown.



5 Move the factory wire harness to the back of the dash by accessing through the drivers side center console area.



3 Remove and disconnect by order number shown.

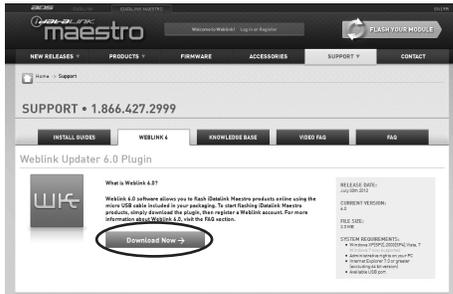


Steps to Get Started

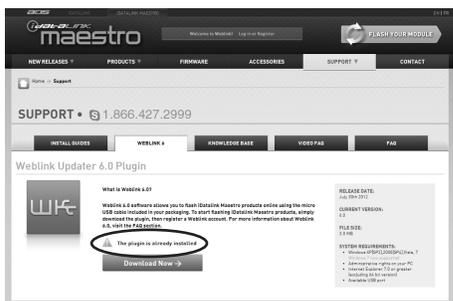
1 INSTALL THE WEBLINK PLUG-IN

Go to: idatalinkmaestro.com/plugin and follow the installation steps.

Review the System Requirements before installing.



If the plugin is already installed, the caution, "The plugin is already installed" appears. Please skip to step 2.



2 REGISTER A WEBLINK ACCOUNT

Go to: idatalinkmaestro.com/register and complete the registration process.

A confirmation email will be sent to you requiring validation. For existing customers, click log in.

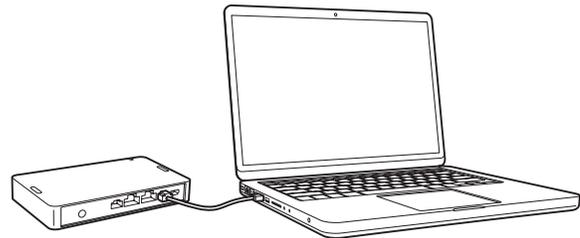


For existing customers, click log in.



3 CONNECT YOUR MAESTRO MODULE

Use the included USB cable to connect your Maestro module to your PC.



4 LOG INTO WEBLINK

Go to: idatalinkmaestro.com/login. Enter your username and password, then click OK.



5 PROGRAM YOUR MODULE

Follow the programming steps for your vehicle.

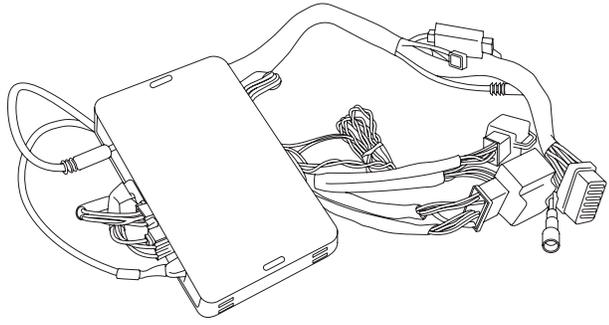


6 COMPLETE INSTALLATION

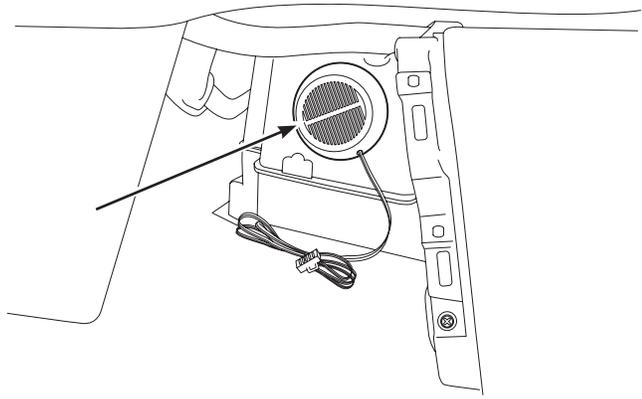
Proceed to the next page to complete installation.

Installation Instructions

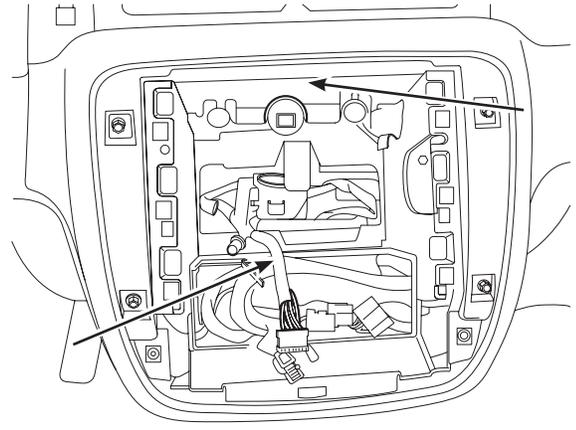
- 1** Attach the Maestro module to the X009 main harness.



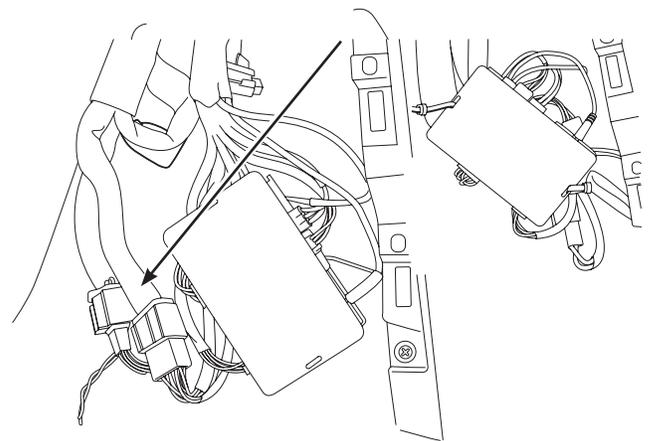
- 2** Attach the chime speaker to the side of the center console.



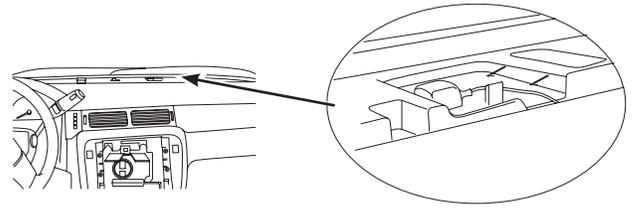
- 3** Insert the radio side of the main harness from behind the dash to the radio cavity.



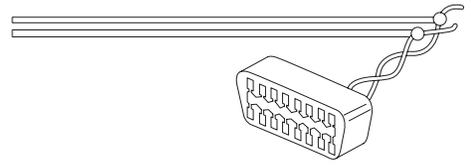
- 4** Connect factory harness to the X009 main harness and secure it.



- 5** Place the GPS antenna on the top dash area as illustrated and feed the cable in between the A/C vents. Use the supplied magnetic base for the best signal strength.



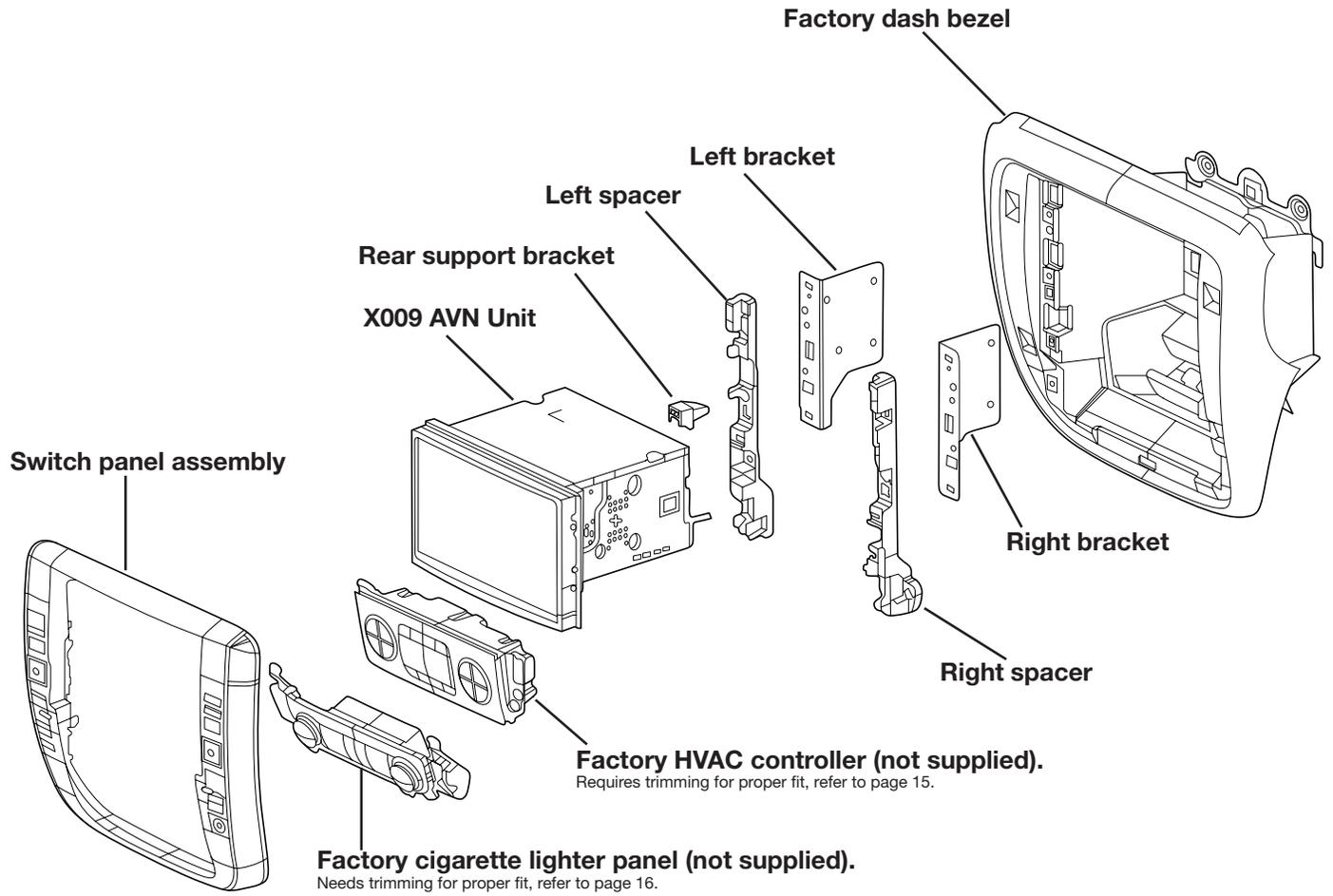
- 6** Access the OBDII connector located under the driver side dashboard. Connect the BROWN /RED wire from the Alpine harness to the TAN/BLACK wire located at pin 6 of the OBDII connector. Connect the BROWN /YELLOW wire from the Alpine harness to the TAN wire located at pin 14 of the OBDII connector.



- 7** Connect the X009 main harness to the headunit and test all functions before snapping the headunit bezel into the dashboard.

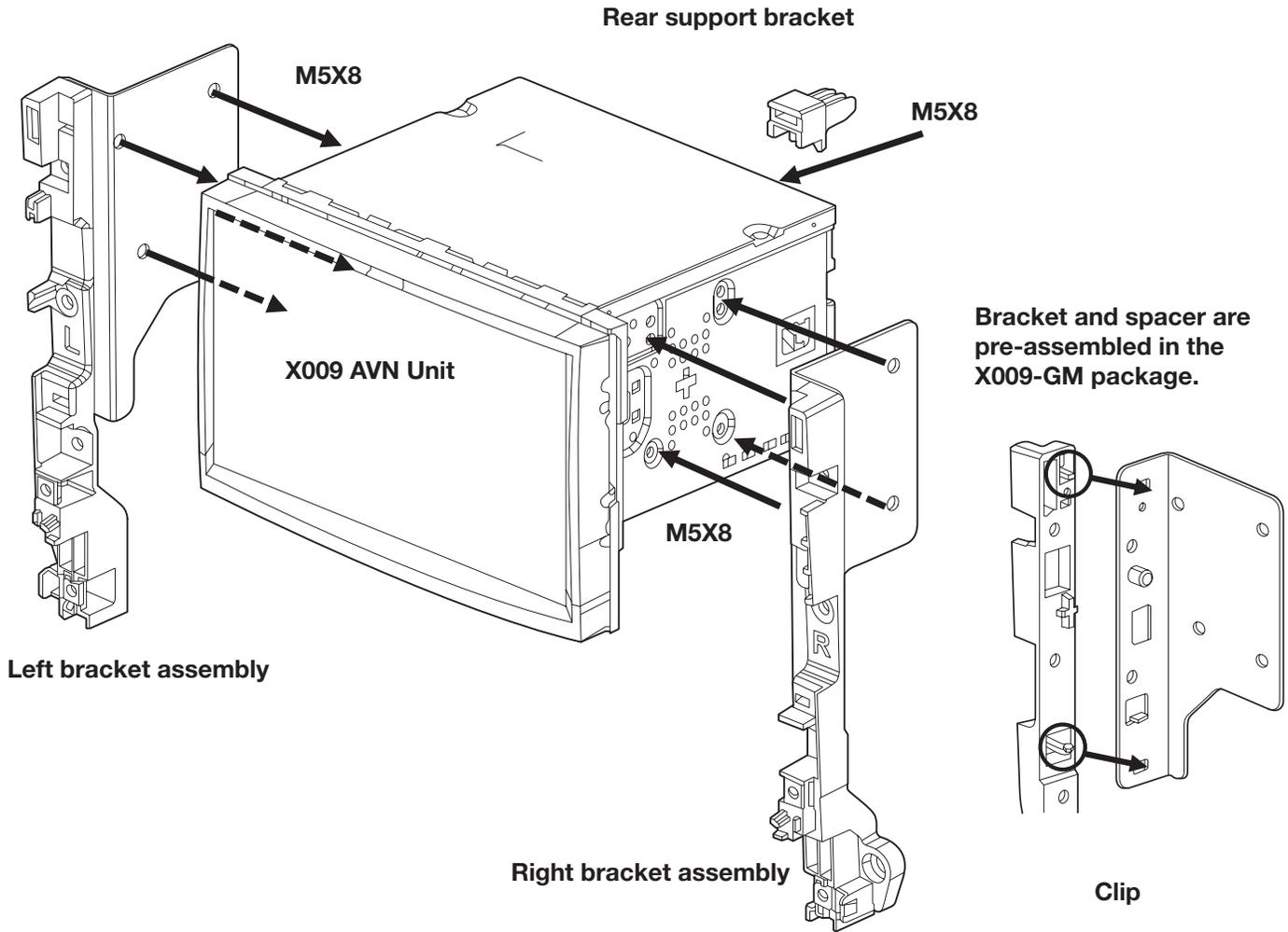
Exploded-View Diagram

Parts assembly diagram for the X009-GM kit.



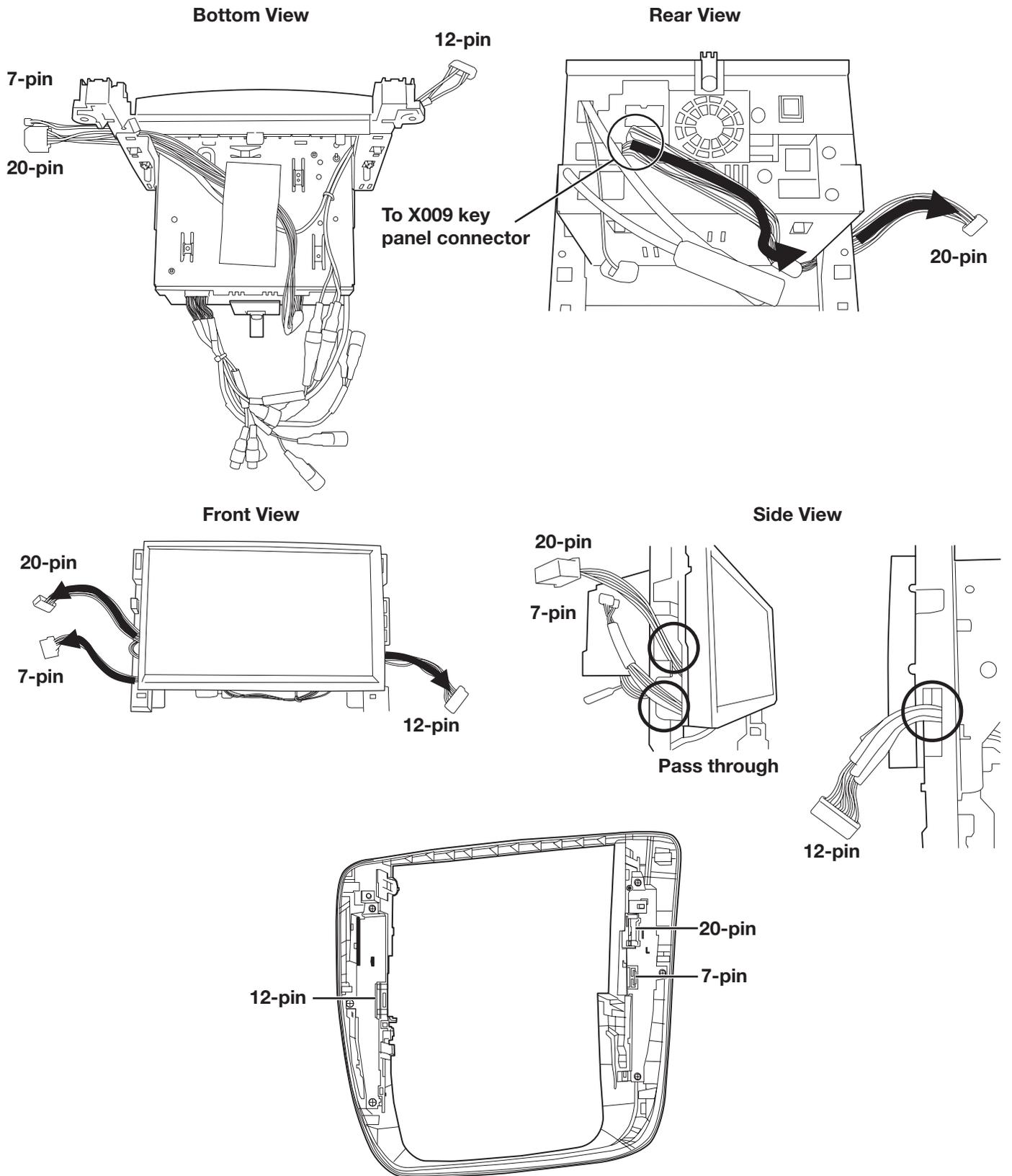
Bracket Assembly Procedure

Attach pre-assembled left and right bracket assemblies to the X009 unit using 4 supplied M5x8 bolts on each side.



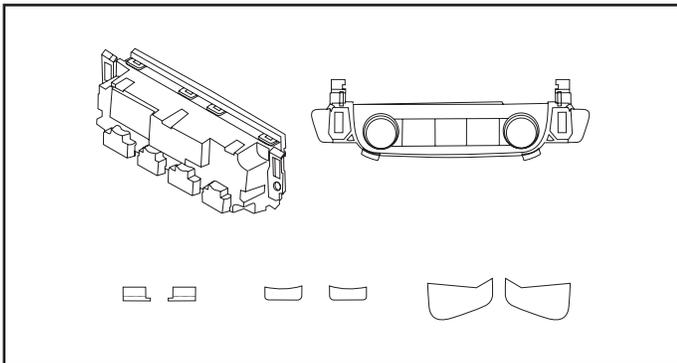
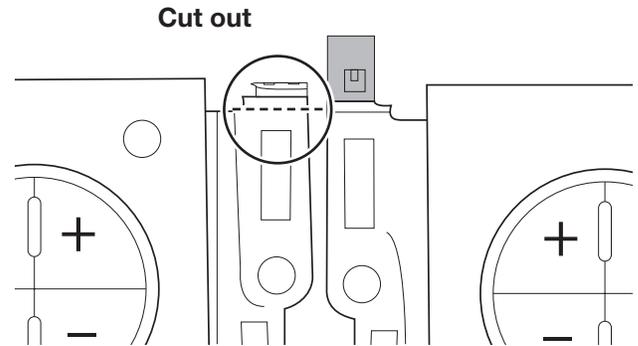
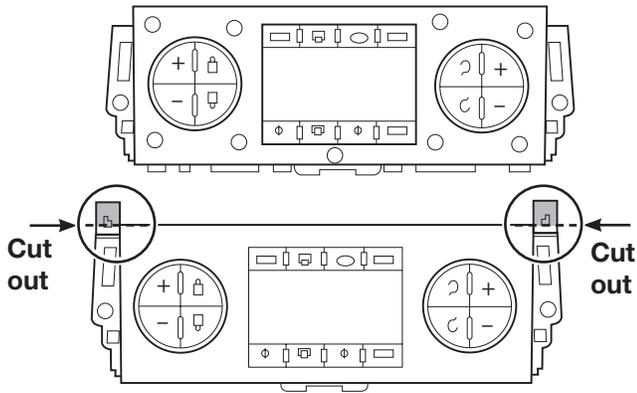
Wiring Installation Procedure

Connect and route wires 1 and 2 as shown in the diagrams below.



Trimming procedure for factory HVAC panel

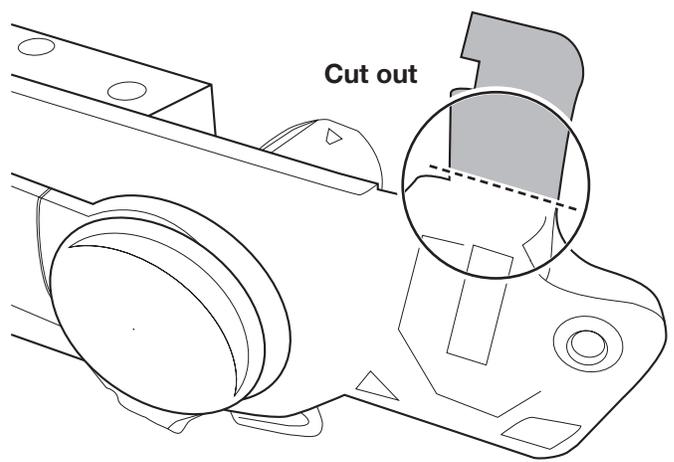
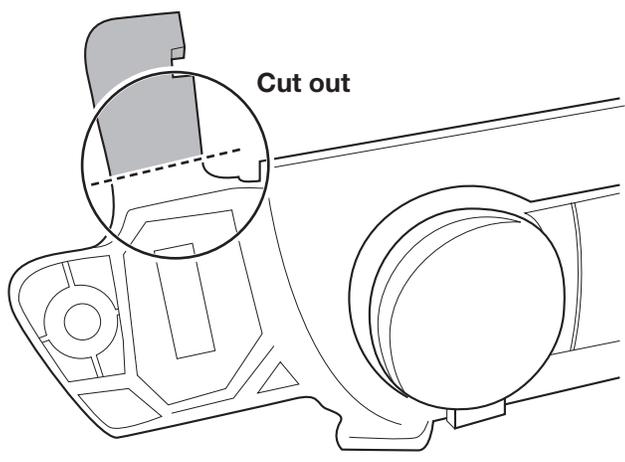
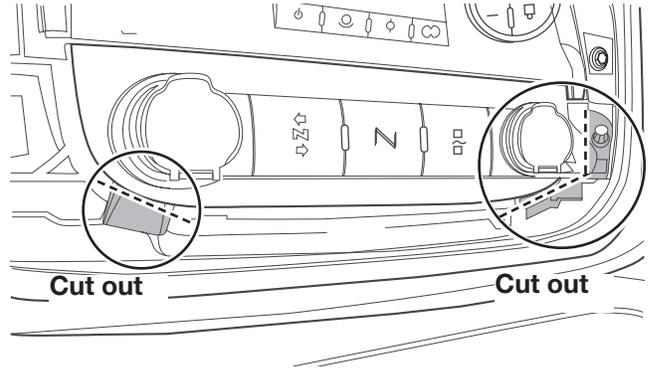
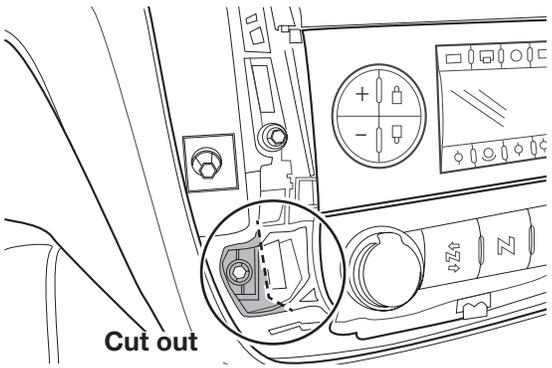
The factory HVAC control needs to be trimmed to fit properly in the kit. Trim the top edges of the HVAC control as shown in the diagram below.



The included template can be used as a guide for proper trimming.

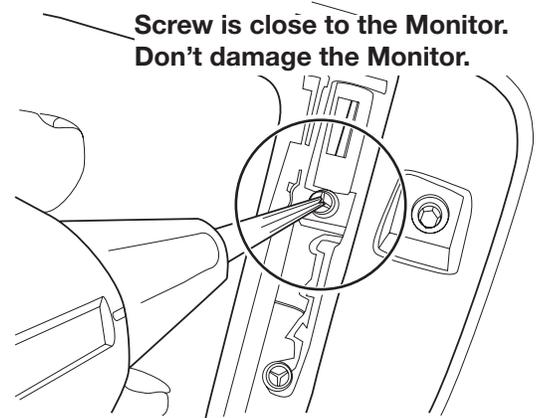
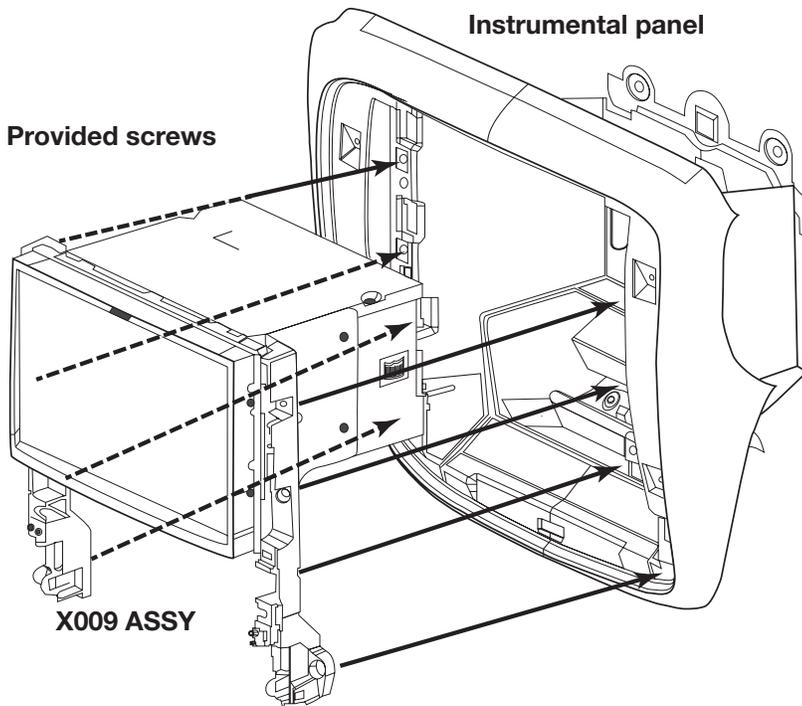
Trimming procedure for factory cigarette lighter panel

The factory cigarette lighter panel needs to be trimmed to fit properly in the kit. Trim the side and bottom edges of the cigarette lighter panel as shown in the diagram below.

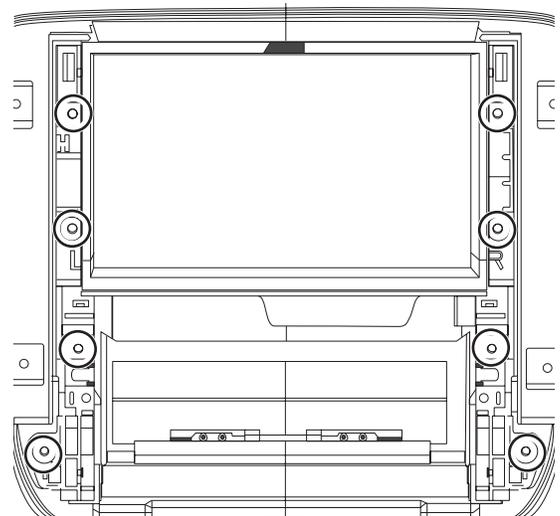


Installing the X009-GM assembly

Attach the X009-GM assembly into the dash using 8 provided 4x12mm screws, 4 on each side.

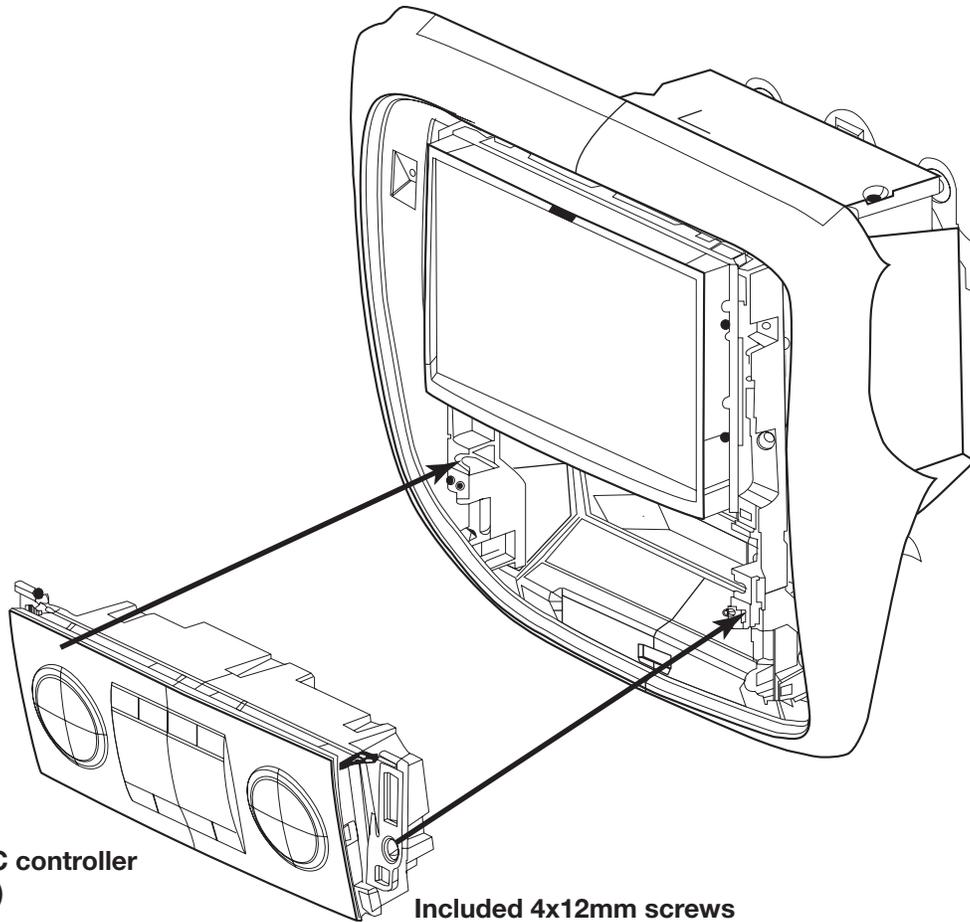


Attach the assembly to the vehicle's dashboard at these 8 points using the provided screws.



Re-installing the factory HVAC controls

Connect the factory HVAC harnesses, and install the factory HVAC controller using two of the supplied 4x12mm screws.

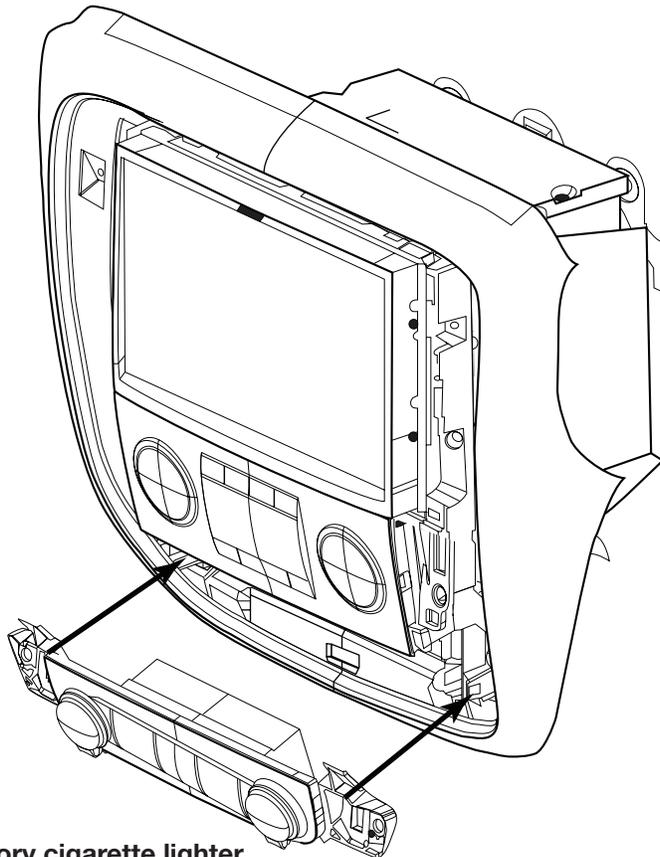


Factory HVAC controller
(not supplied)

Included 4x12mm screws

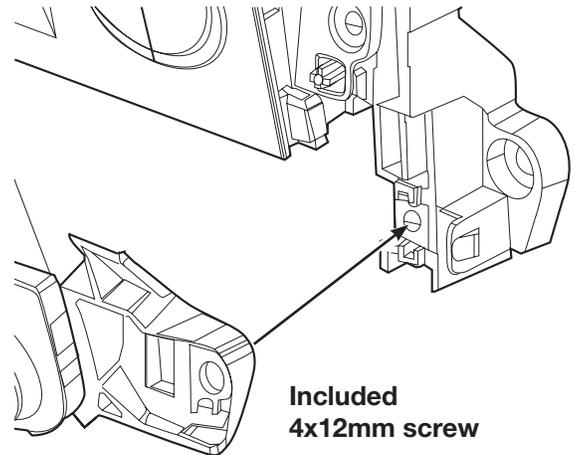
Re-install the factory cigarette lighter panel

Connect the factory harnesses to the factory cigarette lighter panel, and attach it to the kit using two of the supplied 4x12mm screws.



Factory cigarette lighter panel (not supplied)

Included 4x12mm screw



Included 4x12mm screw

Install the switch panel assembly

Connect Wire 1 and Wire 2 to the switch panel assembly, and push the cables into the dash as the panel is installed. Snap the bezel into place to complete the installation.

