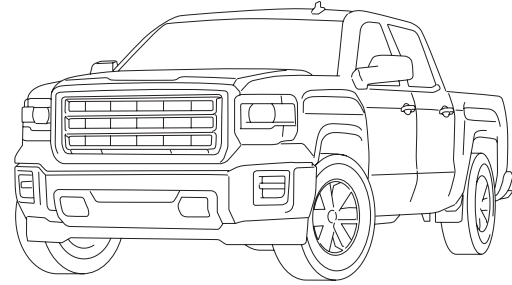


CHEVROLET/GMC X110-SLV/X110-SRA Installation Manual

- **Model: Full Size Truck**
- **Model Year: 2014-UP**



(Not compatible with BOSE® Sound System)

	Model	Year
CHEVROLET SILVERADO	WT, LS, LT, LT Z71, LTZ, LTZ Z71	2014-UP
GMC SIERRA	SIERRA, SLE, SLT	2014-UP

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

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



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.



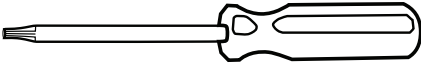
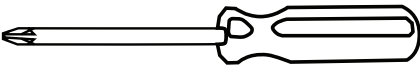
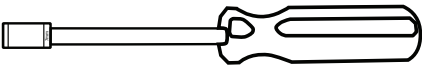
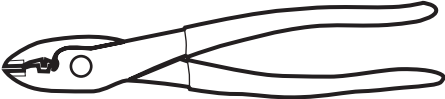

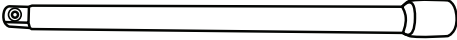
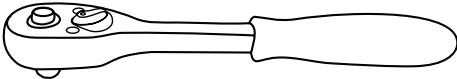


Forbidden

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.

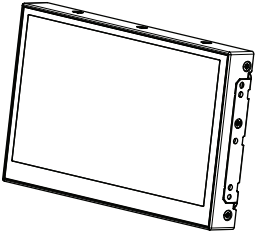
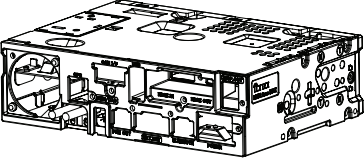
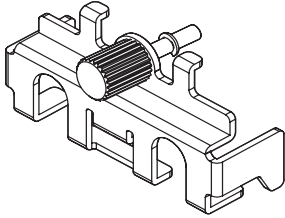

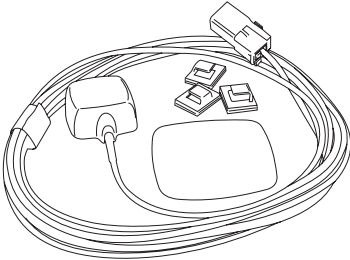
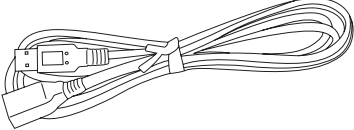
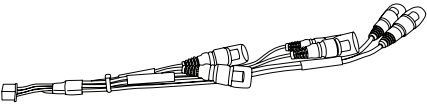
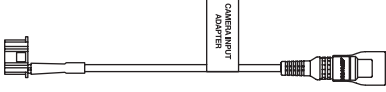
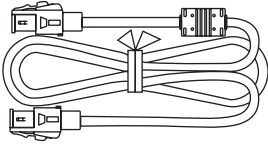


Tools Required

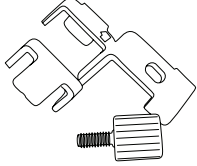
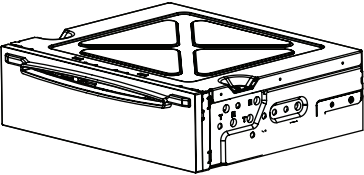
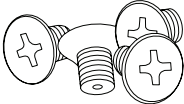
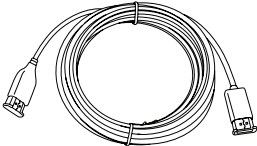
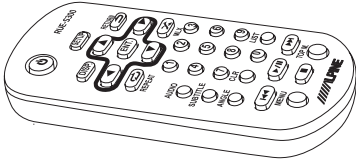
Panel Removing Tool	Pliers	T15 Torx Screwdriver
		
#2 Phillips Screwdriver	7mm Screwdriver	Wire Cutters
		
10mm Socket	Extension	Ratchet
		

Accessory List

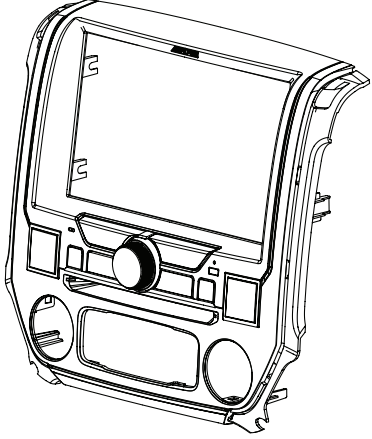
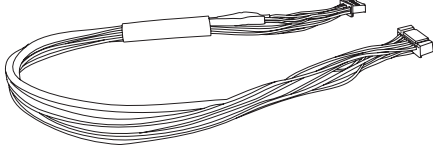
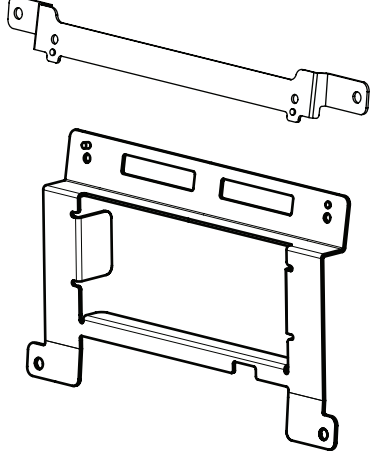
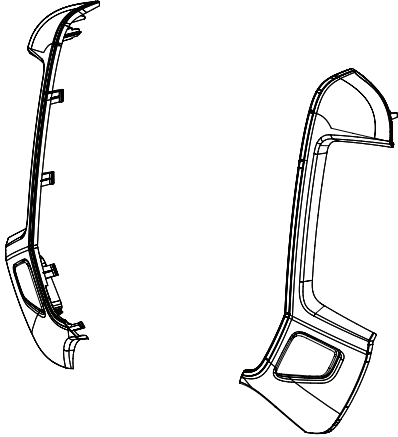
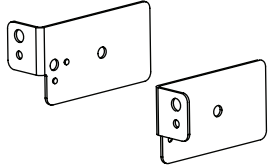
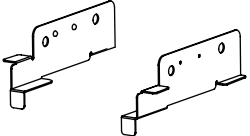
Source Unit Box Parts (X110-G)

Display Monitor	X110-G Source Unit	HDMI Cable Bracket
		
8mm x 8 Screws	GPS Antenna	USB Extension Cable
		
Pre Out Harness	Direct Camera Adapter	Display Cable
		

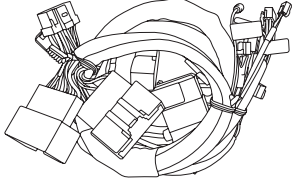
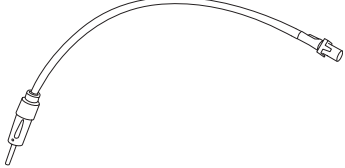
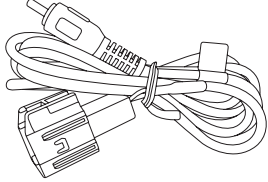
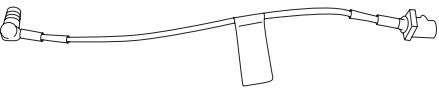
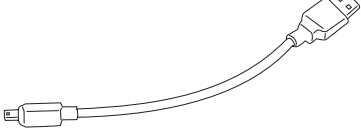

DVD Player Box Parts (DVE-5300X)

HDMI Cable Bracket	DVE-5300X DVD Player Unit	8mm x 4 Screws
		
HDMI Cable	Remote Control	
		

Installation Kit Parts (G-KTX110-GM1/GM2)

Radio Dash Bezel	Key Harness	Display Mounting Brackets
		
Vent Covers	DVD Player Mounting Brackets	Source Unit Mounting Brackets
		

iDatalink Maestro Box Parts (ALP-MRR V2.0/ALP-HRN-GM3)

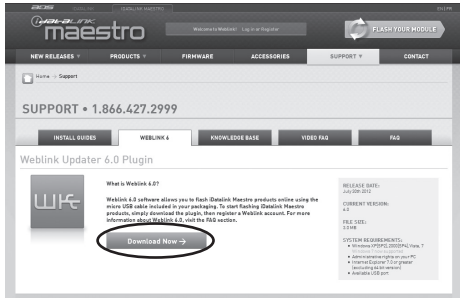
Main Harness	Antenna Adapter	Factory Camera Harness
		
SAT Radio Antenna Adapter	Maestro USB Update Cable	iDatalink Maestro Module
		

Programming the iDataLink® Maestro Module

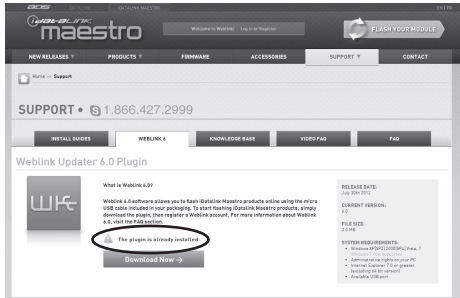
1 INSTALL THE WEBLINK PLUG-IN

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

Review the System Requirements before installing.



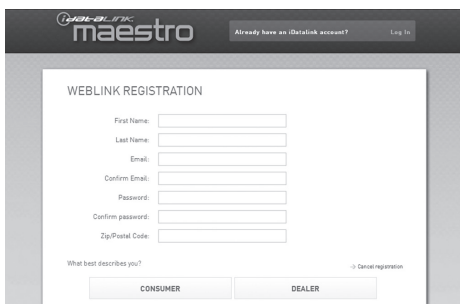
If the plugin is already installed, the caution, “The plugin is already installed” appears. Please skip to step 2.



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.

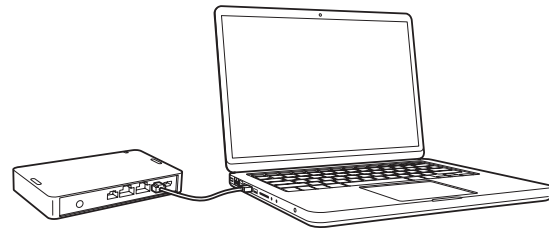


For existing customers, click log in.



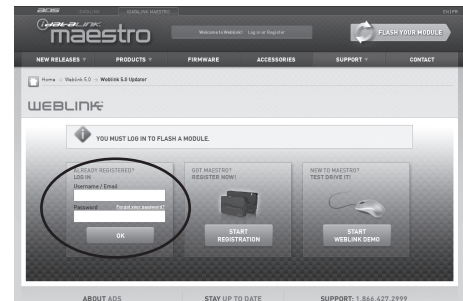
3 CONNECT YOUR MAESTRO MODULE

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.



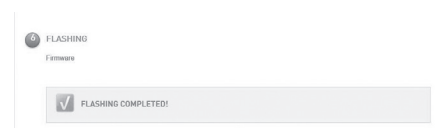
5 PROGRAM YOUR MODULE

Follow the programming steps for your vehicle.



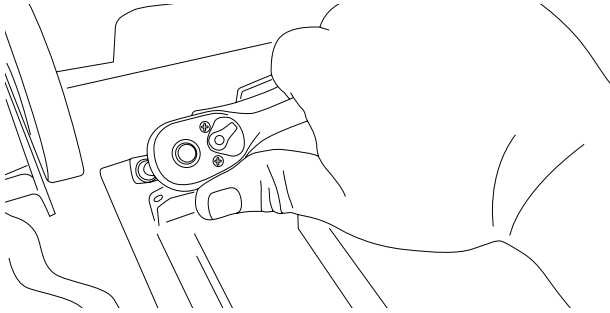
6 Once Programming is complete “FLASHING COMPLETED!” will be displayed.

Proceed to the next page to complete installation.

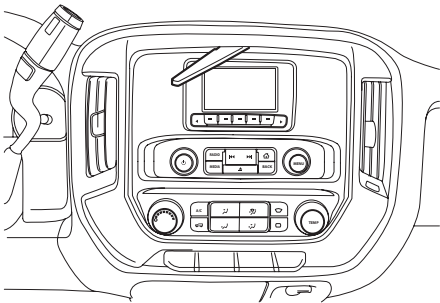


Factory Radio Removal Procedure

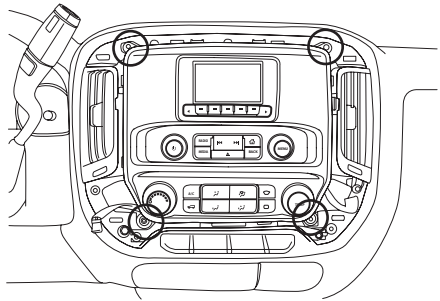
- 1** Disconnect the ground wire from the negative terminal of the battery.



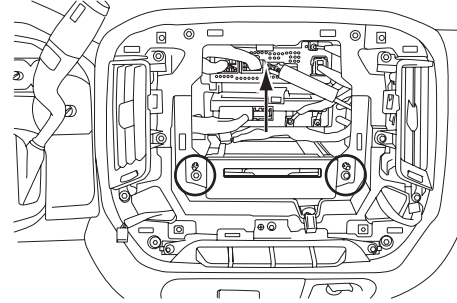
- 2** Unsnap and remove center dash trim piece from around the radio and climate controls.



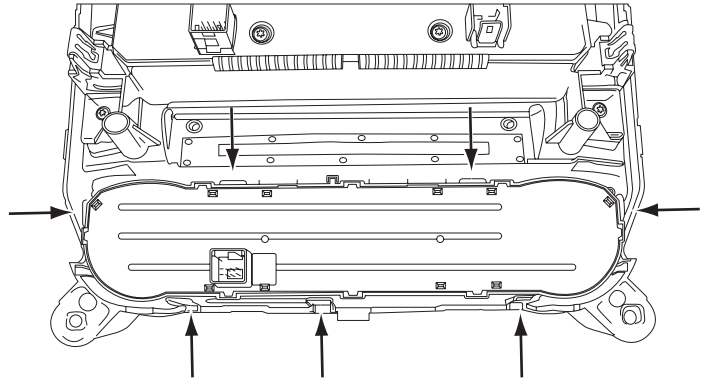
- 3** Remove (4) 7mm screws from the radio and climate control bezel.



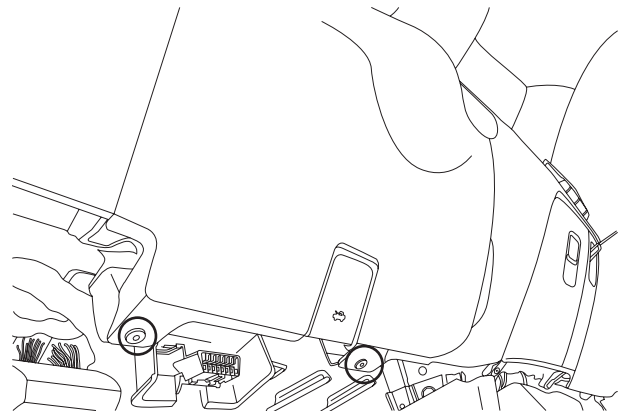
- 4** Disconnect and remove the radio tuner by lifting the center tab. Use a pair of pliers to remove the FM and SXM antenna connectors. Remove the CD player by extracting (2) 7mm factory screws.



- 5** Remove the climate control module by carefully unclipping it from factory panel. (This will later be installed into the restyle bezel).

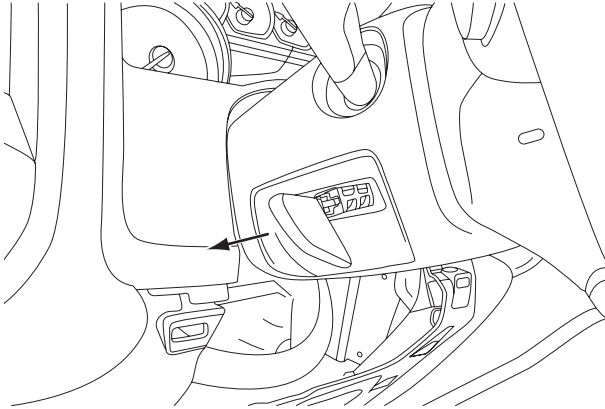


- 6** Extract (2) T15 Torx screws and unsnap the knee cover on the driver side.

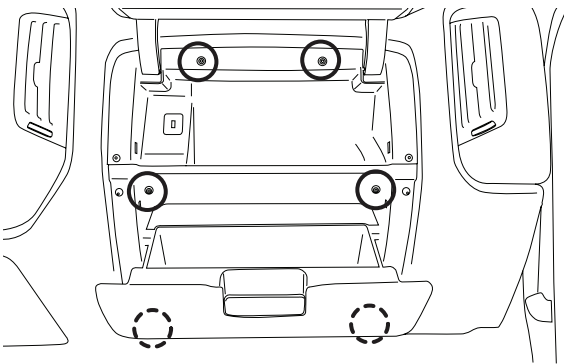


Factory Radio Removal Procedure

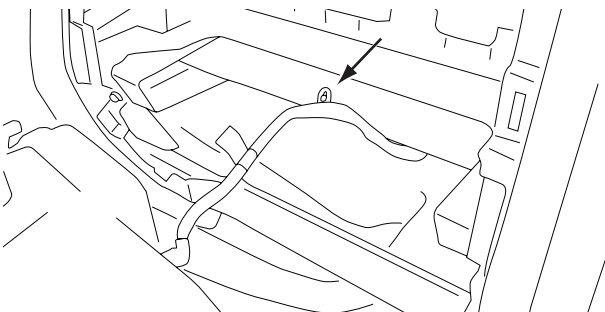
- 7** Unsnap the steering wheel lever and remove the lower cover from the steering wheel column.



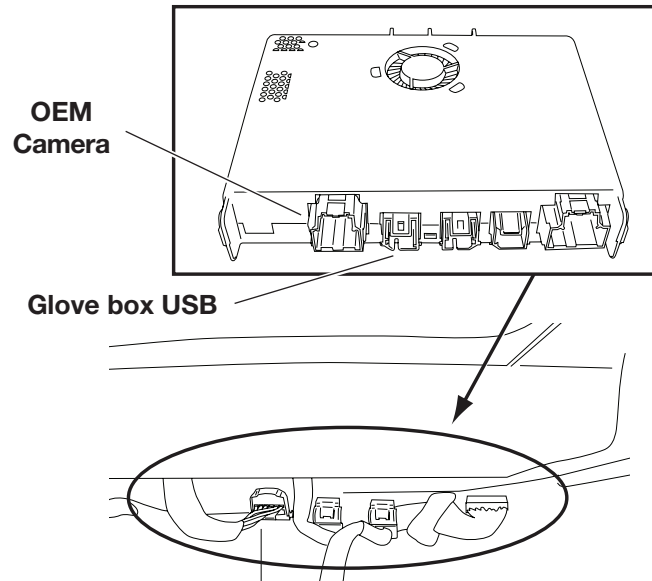
- 8** Remove the passenger's side top and bottom glove box compartments by extracting (6) T15 Torx screws.



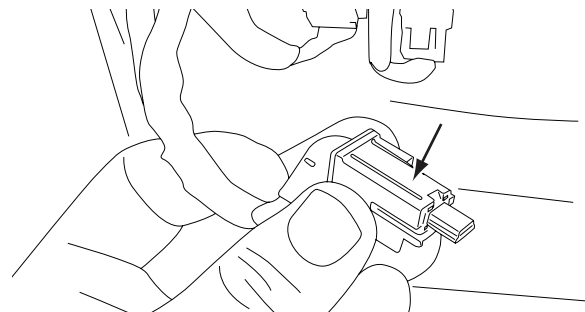
- 9** Unclip the USB cable from the metal bar support and disconnect the green connector from the HMI box. (may not be available on center console equipped trucks)



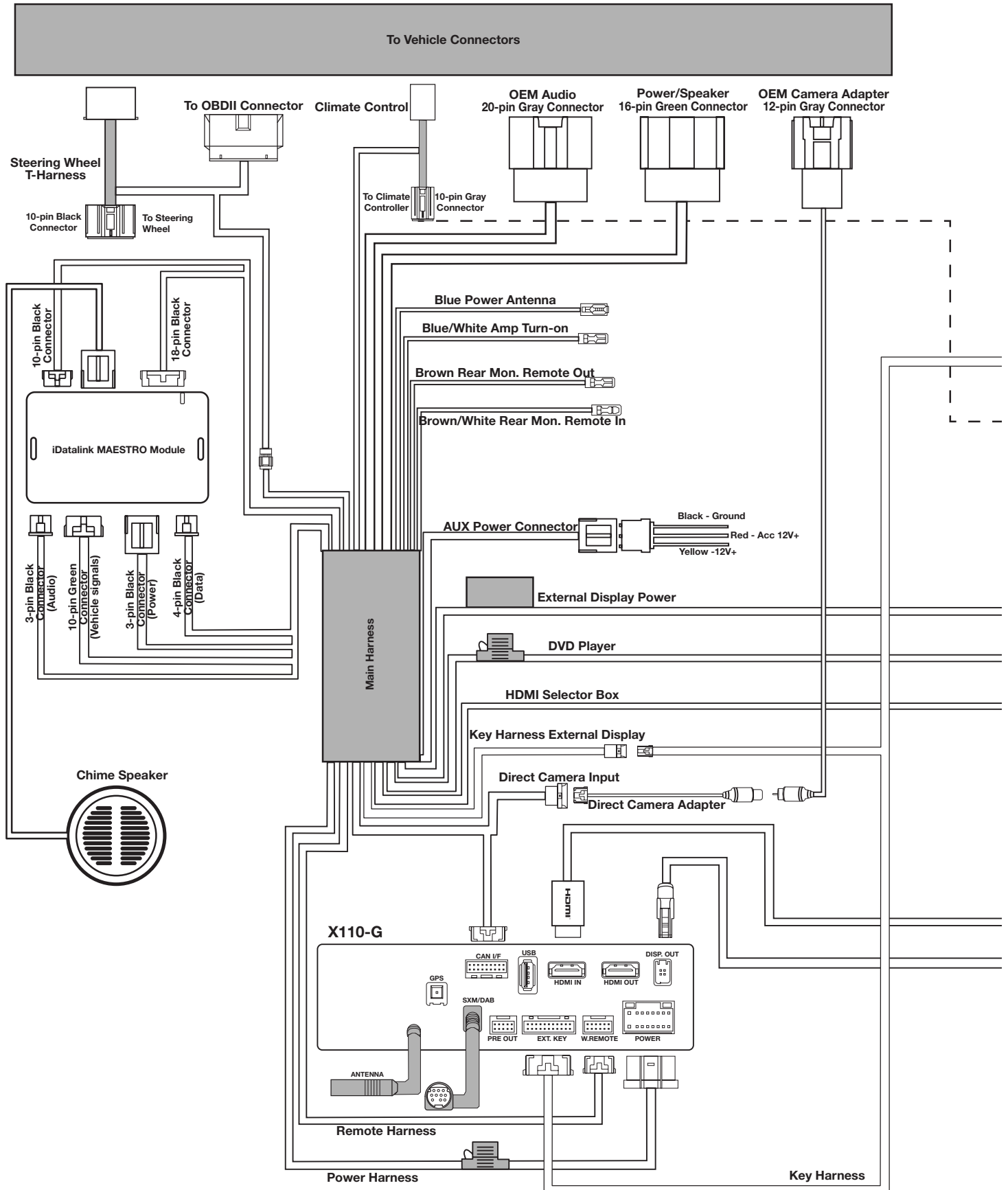
- 10** For trucks equipped with OEM camera, disconnect the Gray 12-pin connector from the HMI box and connect it to the OEM Camera adapter.

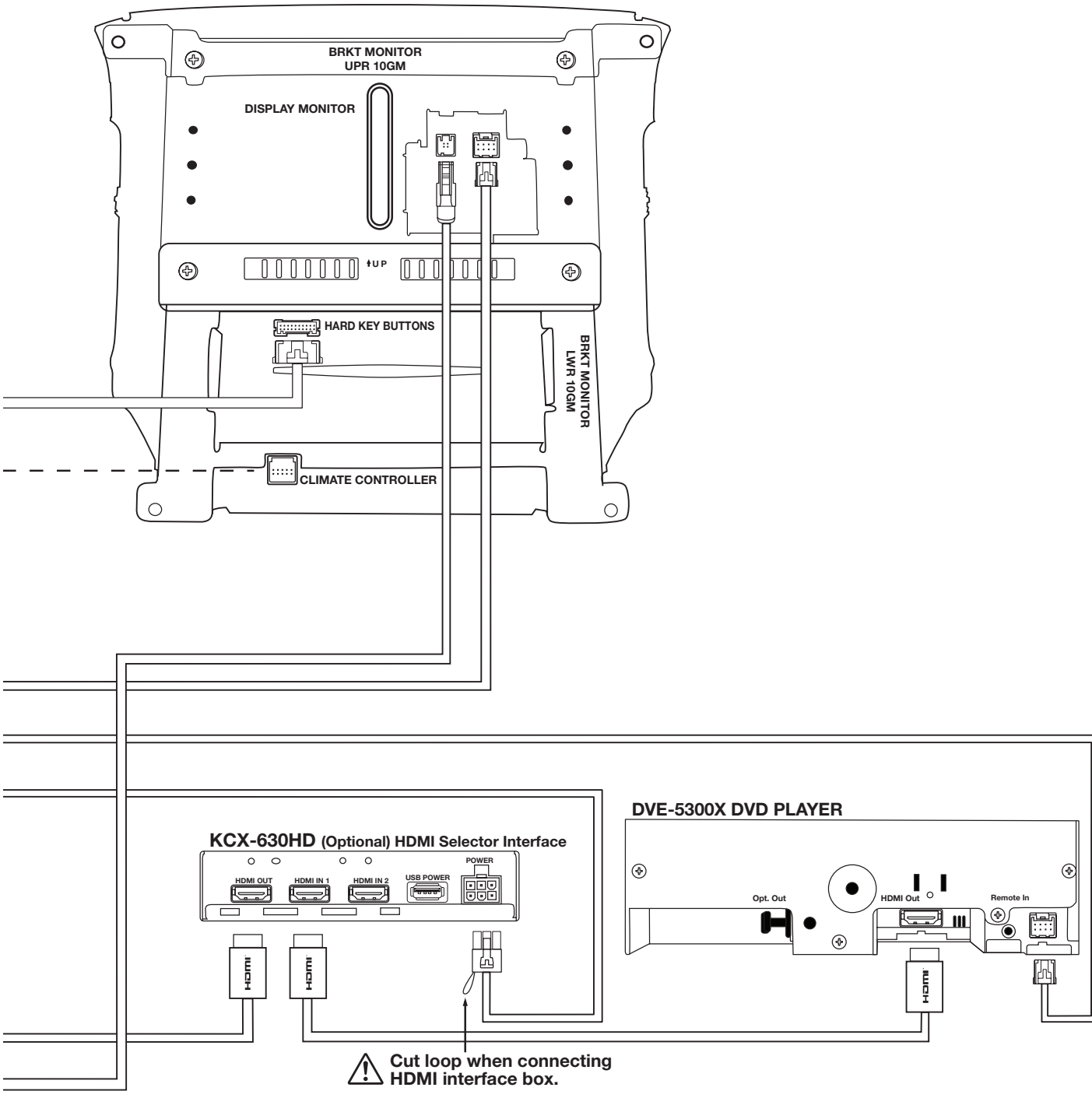


- 11** Remove the bottom tab on the green USB connector using a razor blade. (This will allow the OEM USB adapter to connect properly.)

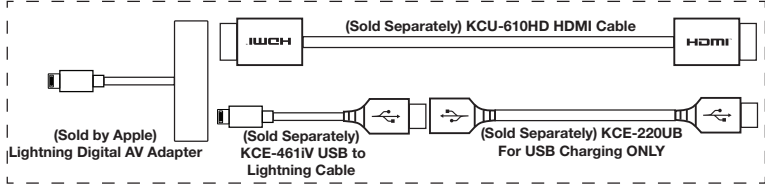


X110-G Wiring Diagram

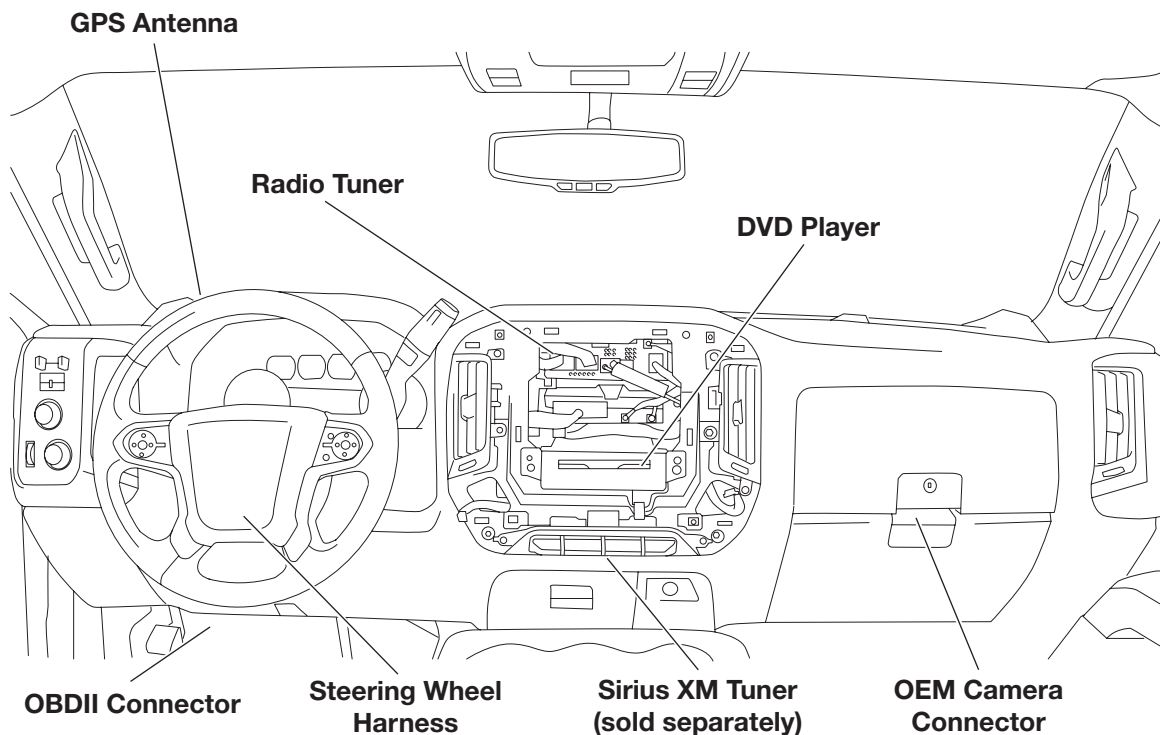




(Optional) iPhone Connection



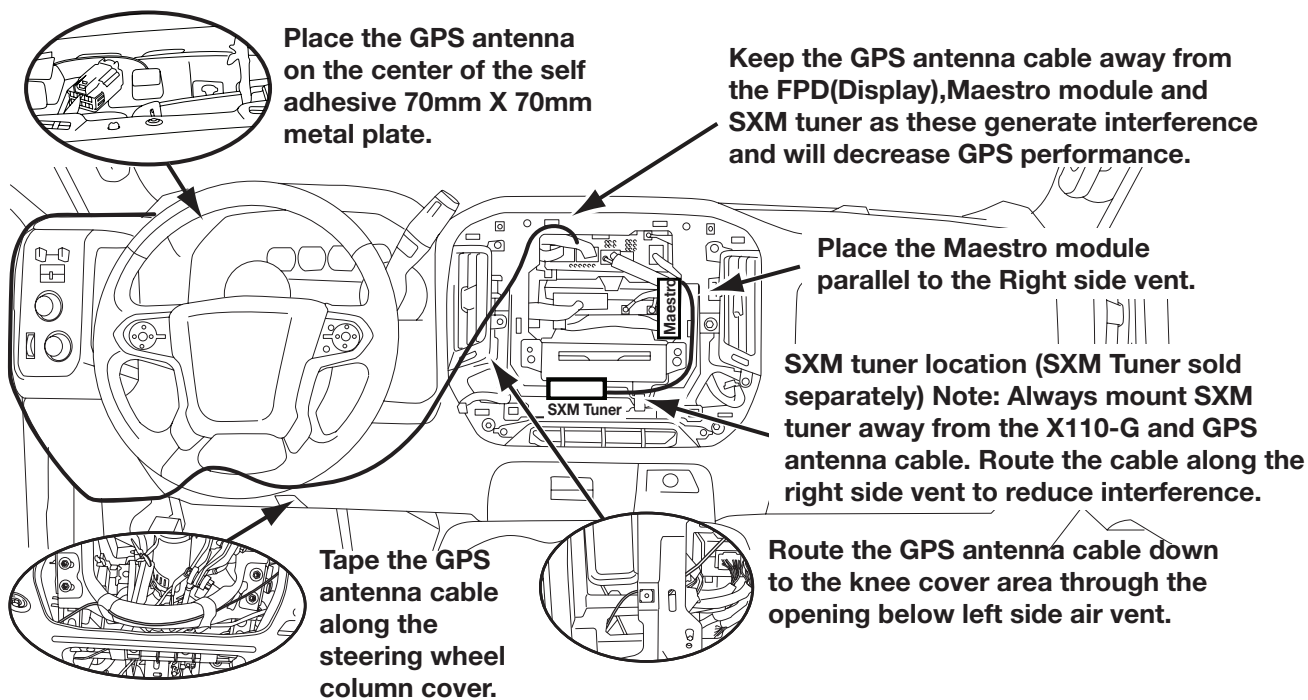
Component Locations



GPS Antenna Installation

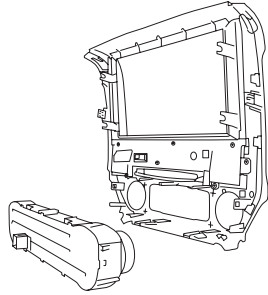


IMPORTANT: Follow the GPS installation procedure shown below. Failure to do so, will result in poor GPS performance.

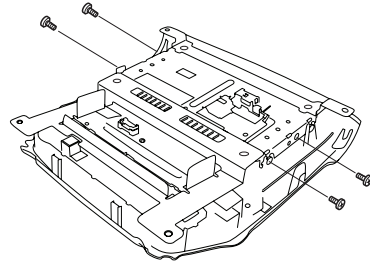


X110-G Restyle Bezel Assembly

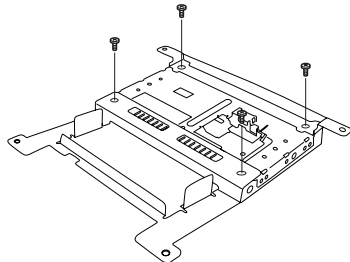
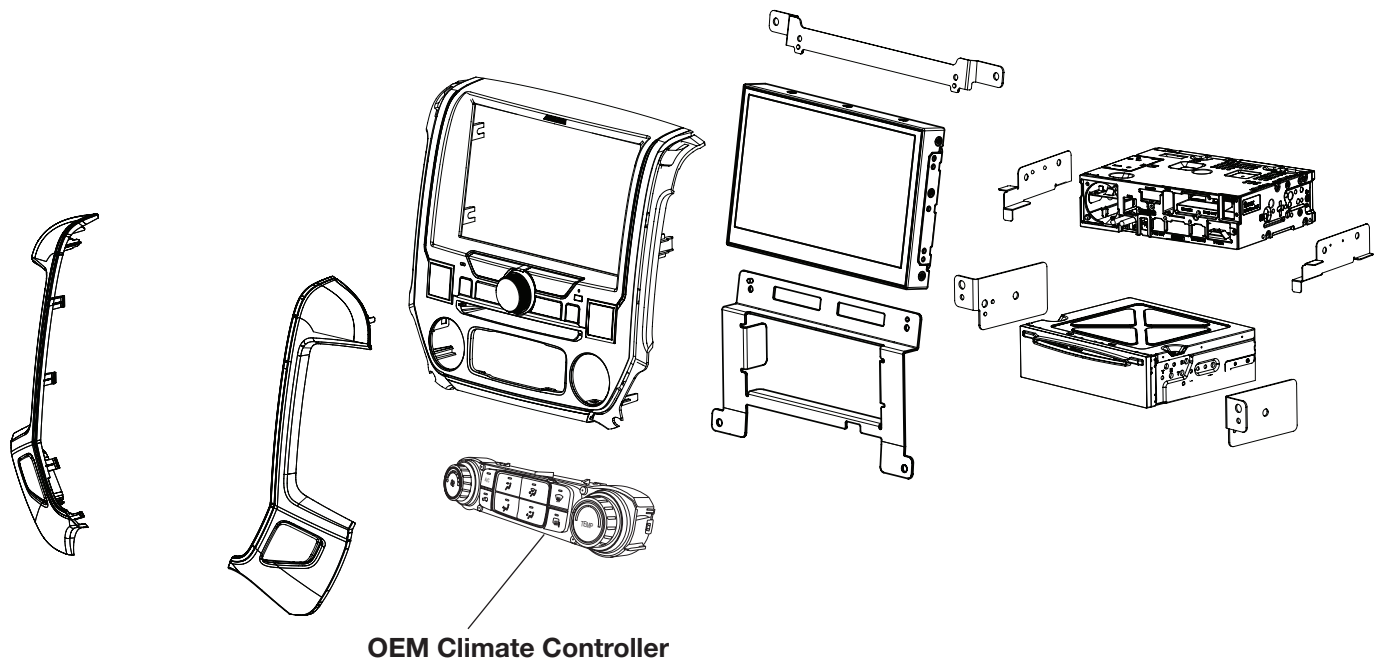
1 Attach the factory HVAC controller by clipping it to the X110-G Restyle bezel.



3 Mount the display monitor to the restyle panel using (4) 8mm screws.

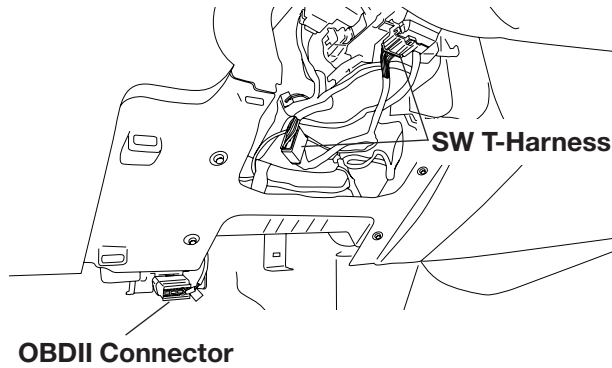


2 Attached the top and bottom brackets to the X110-G display using the provide 8mm screws.

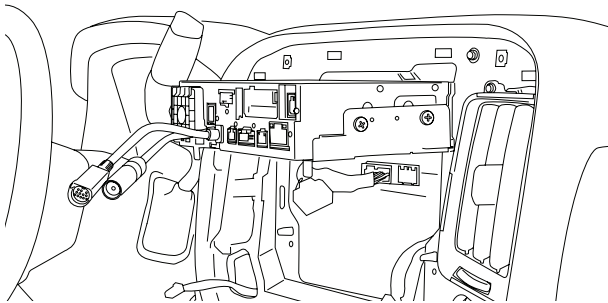
**Exploded-View Diagram**

Installation Instructions

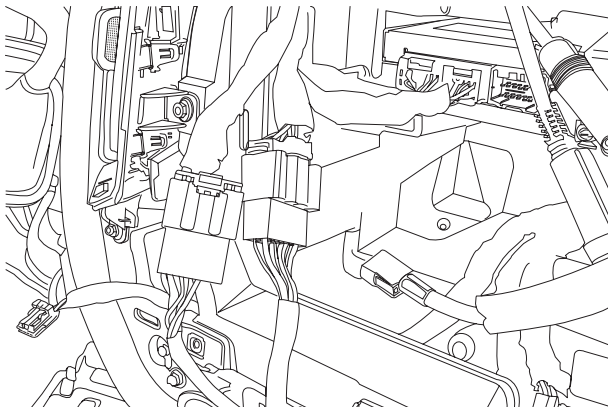
- 1** Connect the steering wheel T-harness/OBDII connector extension and route the cable to the radio location.



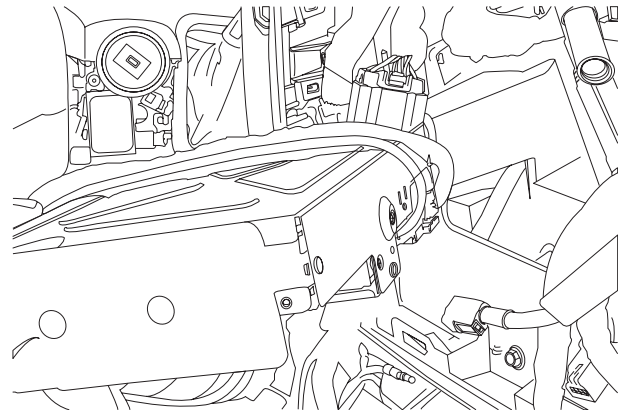
- 2** Slide the X110-G radio tuner into the factory tuner location and connect it to the main harness.



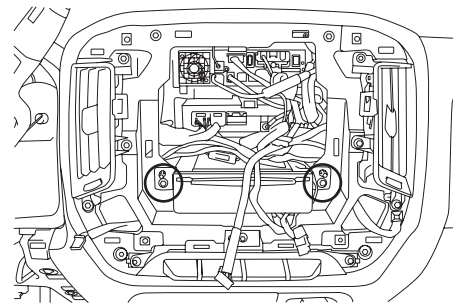
- 3** Attached the updated Maestro module to the main harness and plug the main harness to the vehicle.



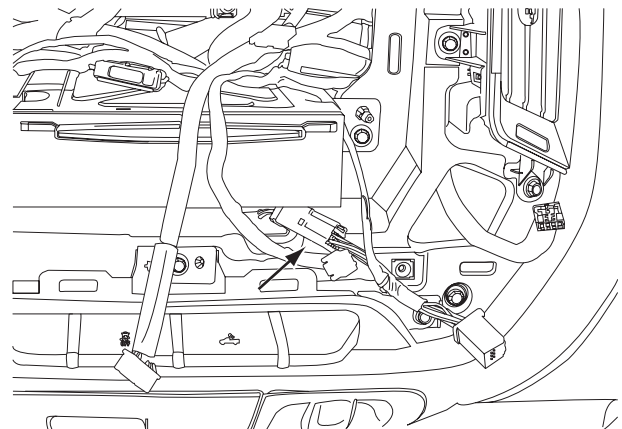
- 4** Connect the DVD player power harness and HDMI cable from the DVD player to the X110-G.



- 5** Mount the DVD player it using (2) 7mm factory screws.

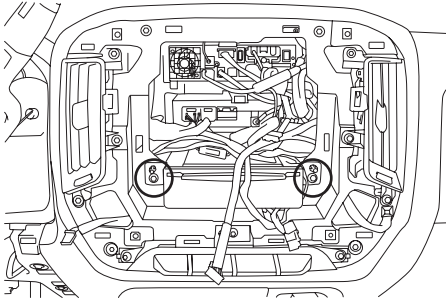


- 6** Connect the HVAC controller T-harness.

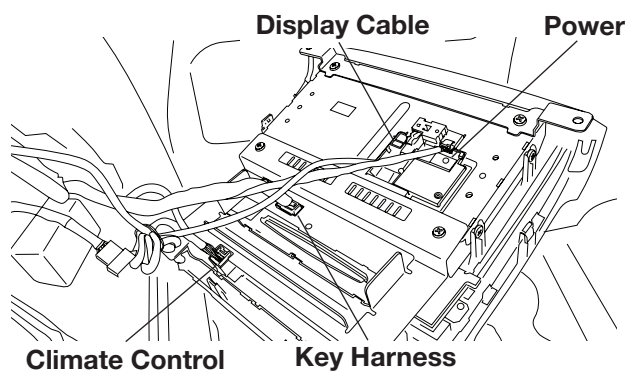


Installation Instructions

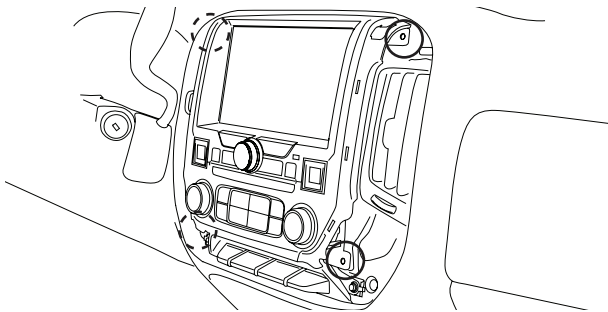
- 7 Connect the X110-G to the main harness and antenna connections.



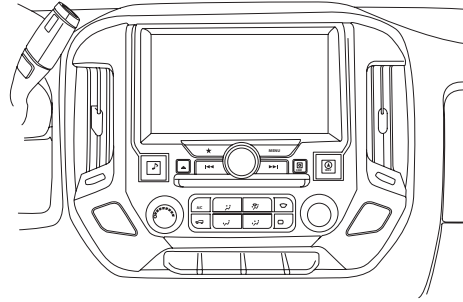
- 8 Connect the X110-G display and snap into place.



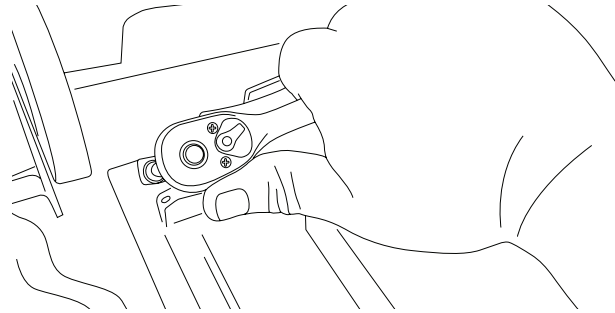
- 9 Secure the X110-G restyle bezel using (4) 7mm factory screws.



- 10 Attach the side vent covers.



- 11 Connect the battery terminal and begin the X110-G setup.



Set Up Guide

- 1** Turn the vehicle's Ignition switch to ACC.
- 2** Turn ON the X110-SLV by pressing any key.
- 3** Select the user language and press OK.
- 4** Press and release the parking brake twice.
- 5** If a camera is present, turn it ON in the system menu.
(MENU/SETUP/SYSTEM/CAMERA/CAMERA SELECT)
- 6** AUDIO MUTE ON REVERSE- By default, when the vehicle is shifted into reverse the AUDIO will MUTE. If this feature is not desired turn it off in the AUDIO MENU (MENU/SETUP/SOUND/MUTE WHILE BACKING UP)
- 7** Set the DVD player. (MENU/SETUP/SOURCE/HDMI)
- 8** When the KCX-630HD (HDMI SELECTOR) is present be sure to turn it ON in the SETUP MENU. (MENU/SYSTEM/EXTERNAL ACCESSORIES/HDMI SELECTOR)
- 9** When the KAC-001 (External Accessory Control Module) is present be sure to turn it ON in the SETUP MENU. (MENU/SYSTEM/EXTERNAL ACCESSORIES/EXTERNAL ACCESSORY CTRLR)
- 10** Vehicle information- Set the desired gauge information.
(MENU/VEHICLE INFO/GAUGES/CAR SETTINGS)

Troubleshooting Guide

Symptom		Possible Cause	Remedy
1	iDataLink website says serial number is invalid.	Serial number may not be in iDataLink database.	Call ADS at 1-866-427-2999 and verify.
2	Headunit will not turn on.	Incorrect serial number was used when flashing maestro.	Flash Maestro with correct serial number.
		4 pin Maestro data cable is disconnected or damaged.	Check for proper connection or disconnected pins.
		OBD2 cable is not plugged in.	Connect OBD2 connector to the OBD2 port.
		Monitor, key-harness or main harness are not connected.	Check for proper connection or disconnected pins.
3	Cannot enter SETTINGS MENU.	Vehicle is in motion or parking brake is not engaged.	With vehicle in (P)PARK engage the parking brake. Release the parking brake and engage the parking brake a second time.
4	The Factory Onstar Voice Recognition system is too sensitive.	When you press the Onstar button on the mirror, noises in the vehicle may be recognized as voice commands. In addition radio key presses may also be recognized as voice commands while the Onstar is active.	Set the KEY BEEP TO "0" in radio settings menu.
5	On the climate screen, the power, recirculate, Rear Defroster, Front Defroster and AC buttons do nothing when pressed.	This is normal.	These are only status icons. They are not buttons. They will turn yellow when selected.
6	Cannot control the DVD Player properly.	DVD has not been set on the SETUP menu.	Ensure DVD is ON in HDMI SETUP menu.
		HDMI box has not been set on the SETUP menu.	Ensure DVD is ON in HDMI SETUP menu and remote loop was cut on the wire harness.
7	Sound mutes when vehicle is shifted into reverse.	Mute on reverse is turned on in the SOUND menu.	Change Mute on reverse to off.
8	Only the front speakers are on for SXM Radio.	SXM Tuner has not been activated	Activate SXM Tuner.
9	The vehicle is incorrectly positioned on the Navigation display.	Poor GPS signal.	Ensure the recommended GPS antenna route was used. See page 12.