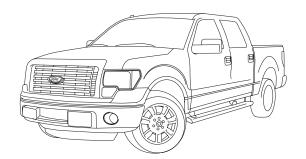
FORD F-150 X009-FD1 9" Installation Manual • Model: Full Size Truck • Model Year: 2009–2014



Ford F-150

• 1/12

	Model	Year
	XL	
	STX	2009 - 2014 —— Not compatible with
FORD	XLT	4.2" LCD screen (My
	FX2	Ford), 8" LCD touch screen (My Ford Touch),
	FX4	or factory navigation —— equipped vehicles.
	SVT RAPTOR	

FULL SIZE TRUCK

* 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.
A 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.	Â	Marks content that should receive your full attention.

FULL SIZE TRUCK



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

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.

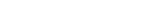
When replacing fuses, be sure to use fuses with the specified current rating. Failing to do so could lead to an accident or fire.

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

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.

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







Forbidden





Forbidden Mandatory

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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.

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.

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.

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.

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.

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.



Forbidden

Forbidden



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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
	QRG QRG Audio Navigation	Alpine NAVTEQ Registration Card Registration Card

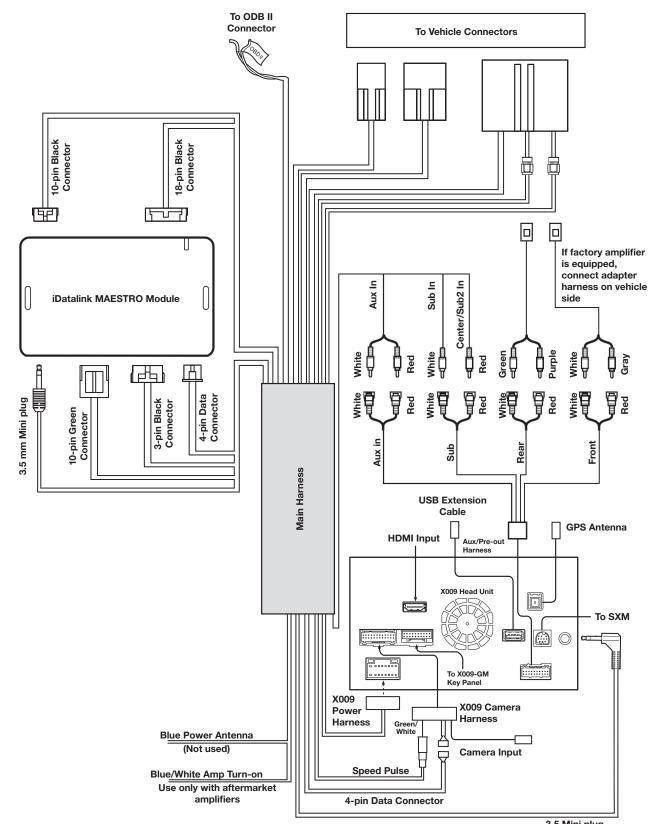
iDatalink Maestro Box Parts (ALP-MRR/ALP-HRN-FD1)

Main Harness	Antenna Adapter	Amplifiers Adapter Harness
USB Cable	iDatalink Maestro Module	
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Installation Kit Parts (G-KTX-009-F150)

Headunit Bezel	Key harness	Mounting Brackets
Key Module	Microphone	8mm Screw x 10

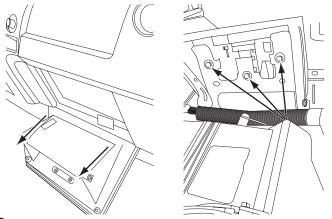
X009-FD1 System Wiring



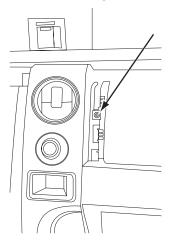
3.5 Mini plug

Factory unit disassembly process

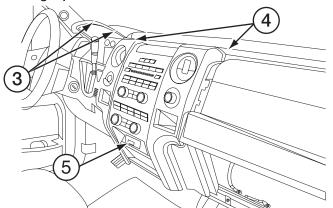
 In the passenger side of the vehicle open the glove box and push the side tabs towards inside to release the glove box. Extract 3 X 8 mm (may also be 3 x 10 mm) bolts to release the airbag.



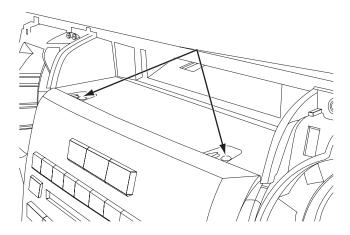
2 Without disconnecting the Airbag push it out far enough to expose the copper plated 7 mm screw on the left side of the airbag and extract it.



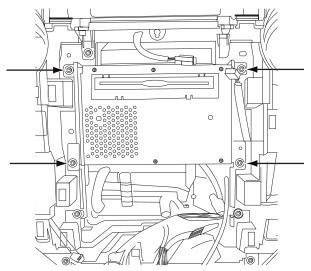
- 3 Remove the instrument cluster panel by extracting 2 x 7 mm screws.
- 4 Remove both side vent covers by unclipping them using a panel remover tool.



- 5 Remove cover below HVAC and extract 7 mm screw.
- 6 At the top of the radio bezel remove the rubber screw cover, extract 2 x 7 mm screws and remove the radio bezel.



7 Extract 4 x 7 mm screws from the factory radio and remove it.



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.

maestro	Already have an iData	stink account? Log In
WEBLINK REGISTRAT	ION	
First Name:		
Last Name:		
Email:		
Confirm Email:		
Password:		
Confirm password:		
Zip/Postal Code:		
What best describes you?		-> Cancel registration

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: <u>idatalinkmaestro.com/login.</u>

Enter your username and password, then click OK.





5 PROGRAM YOUR MODULE

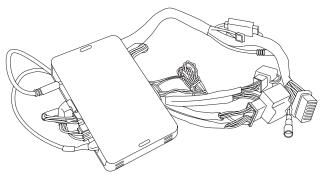
Follow the programming steps for your vehicle.



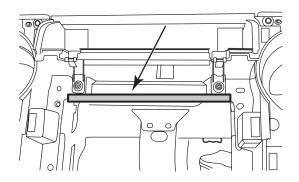
6 COMPLETE INSTALLATION *Proceed to the next page to complete installation.*

Installation Instructions

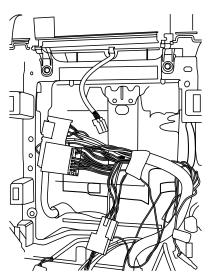
1 Attach the Maestro module to the X009 main harness.



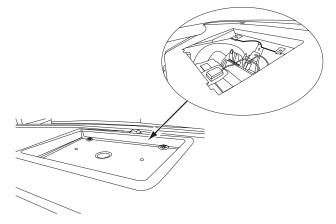
2 Using an air Reciprocating Saw trim the marked gray area above the headunit. (This will allow the headunit to sit at the adequate height)



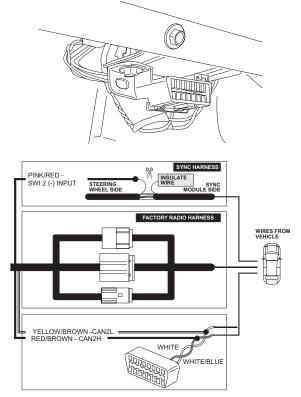
3 Connect the factory harness to the main harness and secure it.



4 Remove rubber screw cover from the center dash plate and extract 2 x 7 mm screws. Place GPS antenna as illustrated and feed the cable down to the X009.

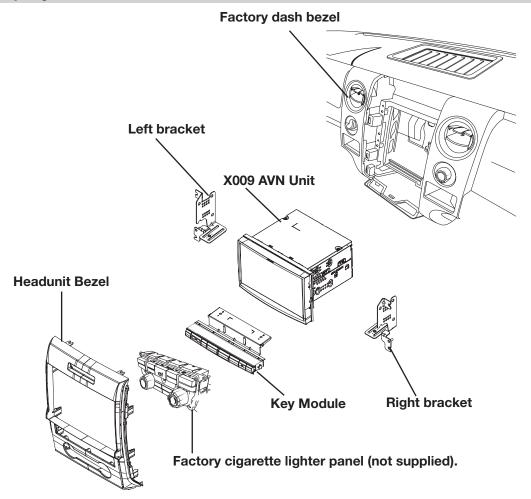


5 Access the ODBII connector located under the driver side dashboard. Connect the YELLOW/BROWN wire from the Alpine harness to the WHITE wire located at pin 14 of the OBDII connector. Connect the RED/ BROWN wire from the Alpine harness to the WHITE/ BLUE wire located at pin 6 of the OBDII connector. Connect the PINK/RED wire to the BLUE/ORANGE wire at the SYNC harness on the top center dash under the tray. NOTE: On 2011 thru 2014 models, connection is not required.



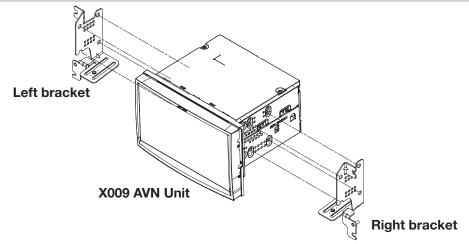
Exploded-View Diagram

Parts assembly diagram for the X009-FD1 kit.



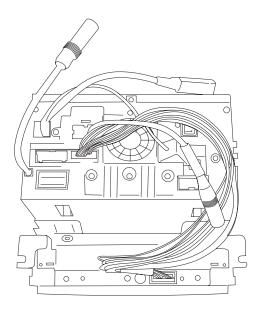
Bracket Assembly Procedure

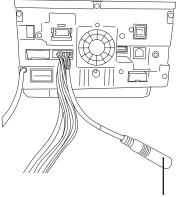
Attach left and right bracket to the X009 unit using 4 supplied M5x8 bolts on each side.



Wiring Installation Procedure

1 Plug in the key connection harness with the "external key unit" label to the key unit. Note the pigtails connection for the included Bluetooth microphone.

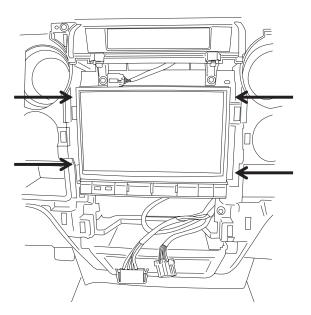




Bluetooth microphone input

Install the switch panel assembly

1 Attach assembly to the vehicle's dashboard at these 4 points using the provided screws.



2 Install the HVAC control and Hazard light switch on to the G-KTX-009-F150 panel.

