



## Ford Data Interface 2007-Up

### INTERFACE FEATURES

- Provides accessory power (12 volt 10 amp)
- Retains R.A.P. (retained accessory power)
- Designed for models with just an amplified subwoofer
- Provides illumination, parking brake, reverse, and speed sense outputs
- Prewired AXSWC harness (AXSWC sold separately)
- Retains balance and fade
- Micro-B USB updatable

### APPLICATIONS

Ford	Ford (Cont)	Ford (Cont)	Lincoln
Econoline	2009-Up	F150 STX/FX2 base/XLT base	2007-2010
Edge	2007-2010	F150 STX/XLT base	2007-2009
Escape	2008-2012	F250/350/450/550	2010-2012
Expedition	2007-2014	F250/350/450/550 (XL/XLT)	2009
Expedition (Fleet)	2015	2013-2016	2010-2012
F-150	2009-2012	F-650/750 (w/ CD)	2016-Up
			<b>Mazda</b>
			Tribute
			2008-2011
			<b>Mercury</b>
			Mariner
			2008-2011
			Milan
			2010-2011

### TABLE OF CONTENTS

Connections .....	2
Installation .....	3
Programming .....	3

### INTERFACE COMPONENTS

- AXVI-5521 Interface
- Subwoofer Harness

### TOOLS & INSTALLATION ACCESSORIES REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties

### Product Info



## CONNECTIONS

### From the AXVI-5521 harness to the aftermarket radio, connect the:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Red** wire to the accessory wire.
- **Blue** wire to the power antenna wire.
- **Blue/White** wire to the amp turn on wire.
- **Orange** wire to the illumination wire (if applicable).
- **Gray** wire to the front right positive speaker output.
- **Gray/Black** wire to the front right negative speaker output.
- **White** wire to the front left positive speaker output.
- **White/Black** wire to the front left negative speaker output.
- **Green** wire to the rear left positive speaker output.
- **Green/Black** wire to the rear left negative speaker output.
- **Purple** wire to the rear right positive speaker output.
- **Purple/Black** wire to the rear right negative output.

*The following (3) wires are only for multimedia/navigation radios that require these wires.*

- **Light Green** wire to the parking brake wire (if applicable).
- **Blue/Pink** wire to the VSS or speed sense wire (if applicable).
- **Green/Purple** wire to the reverse wire (if applicable).

### From the subwoofer harness to the aftermarket radio, connect the:

- **Blue/White** wire to the amp turn on wire.
- **Red** RCA jack to the right subwoofer output.
- **White** RCA jack to the left subwoofer output.

### 12-pin AXSWC harness & 3.5mm jack:

The 12-pin **AXSWC** harness & 3.5mm jack is to be used with the **AXSWC** (sold separately) to retain steering wheel audio controls. If the **AXSWC** is not being used, disregard this harness. If it is to be used, refer to the **AXSWC** instructions for radio connections and programming. Disregard the harness that comes with the **AXSWC**.

## INSTALLATION

### With the key in the off position:

1. Connect the **AXVI-5521 harness** into the **AXVI-5521 interface**, and then to the wiring harness in the vehicle.

**Note:** If installing an AXSWC, connect it after you program and test the AXVI-5521, with the key in the off position.

## PROGRAMMING

**Attention!** If the interface loses power for any reason, the following steps will need to be performed again.

1. Cycle the engine on.

**Note:** If the radio doesn't come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.

2. Cycle the ignition off, then back on.
3. Test all functions of the installation for proper operation.



# AXVI-5521

INSTALLATION INSTRUCTIONS

Having difficulties? We're here to help.



Contact our Tech Support line at:

**386-257-1187**



Or via email at:

[techsupport@metra-autosound.com](mailto:techsupport@metra-autosound.com)

### **Tech Support Hours (Eastern Standard Time)**

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



### **KNOWLEDGE IS POWER**

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto [www.installerinstitute.com](http://www.installerinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP  
certified technicians**