



## Volvo XC70 2014-2016

(For non-amplified vehicles only)

Visit [MetraOnline.com](http://MetraOnline.com) for more detailed information about the product and up-to-date vehicle specific applications

### KIT FEATURES

- Double DIN radio provision
- Includes all necessary data interfaces, wiring harnesses, and antenna adapter, for a complete installation
- Painted matte black
- Retains steering wheel controls
- Retains backup camera
- Retains vehicle settings

### KIT COMPONENTS

- A) Double DIN fascia plate
- B) Radio brackets
- SWC interface and wiring harness (not shown)
- AXCESS interface and wiring harness (not shown)
- Antenna adapter (not shown)

A



B



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### WIRING & ANTENNA CONNECTIONS

- Wiring Harness: Included with kit
- Antenna Adapter: Included with kit
- Steering wheel control interface: Included with kit

### TOOLS REQUIRED

- Panel removal tool
- Torx T-20 driver
- File/Dremel tool

**ATTENTION:** With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections, especially the air bag indicator lights, are plugged in before reconnecting the battery or cycling the ignition to test this product.

**NOTE:** Refer also to the instructions included with the aftermarket radio.

## DASH DISASSEMBLY

### Volvo XC70

1. Using the panel removal tool, carefully unclip and remove the fascia trim panel. (Figure A)
2. Disengage the plastic housing surrounding the CD slot using the panel removal tool.
3. Remove (2) Torx T-20 screws revealed at the top of the housing. (Figure B )
4. Open the center console armrest and remove 2 rubber grommets.

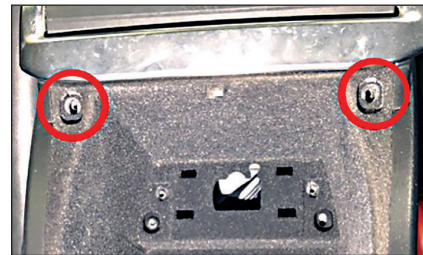


(Figure A)



(Figure B)

5. Once uncovered, remove (2) Torx screws at the front of the console. (Figure C)
6. Reach around to the back of the radio trim panel and remove (2) Torx T-20 screws. (Figure D)



(Figure C)



(Figure D)

## DASH DISASSEMBLY (CONT)

7. Disconnect harnessing located on the back of the panel and remove. (Figure E)
8. Once the main panel is removed, undo the (2) Torx T-20 screws securing the factory radio, disconnect the wiring, and then remove the radio. (Figure F)
9. Remove (4) Torx T-20 screws securing the display, unplug and remove the display.



(Figure E)



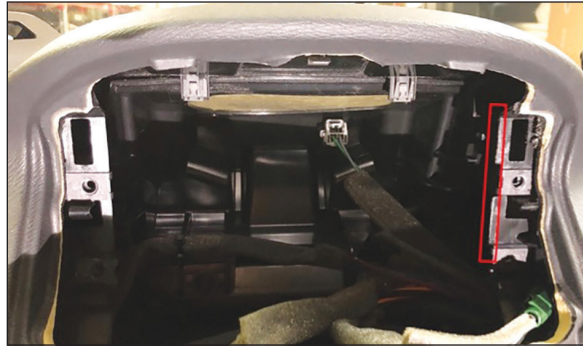
(Figure F)

*Continue to Kit Assembly*

## KIT ASSEMBLY

1. The highlighted section of the dashboard may need to be filed down (2mm) in order for the new DDIN radio to sit properly. (Figure A)
  2. Affix the brackets to the correct sides of the stereo. Then test fit into the dashboard.
- Note:** Note: If the fit is too tight, repeat Step 1 above.

*Continue to Axxess Interface Installation*



(Figure A)



(Figure B)

# AXXESS INTERFACE INSTALLATION

## INTERFACE FEATURES

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- Retains Steering Wheel Control Functionality
- Retains Phone Button Functionality
- Retains Microphone and AUX Inputs
- Retains Reversing Camera
- Retains Climate Control Settings including Heated Seats
- Generates Rear Parking Sensor Audio and OEM Parking Sensor Graphics
- Provides Outputs for Park Brake, Reverse Gear & Speed Pulse

## INTERFACE COMPONENTS

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- 9324B Interface
- 9324B Harness
- AXSWC Interface
- AXSWC Harness
- MOST Fiber-optic Loop Bypasses (2)

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## TOOLS REQUIRED

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

## CONNECTIONS

### From the 9234B harness to the aftermarket radio connect as indicated:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Red** wire to the accessory wire.
- **Orange** wire to the illumination wire. (if applicable)
- **Gray** wire to the Right Front (+) speaker output.
- **Gray/Black** wire to the Right Front (-) speaker output.
- **White** wire to the Left Front (+) speaker output.
- **White/Black** wire to the Left Front (-) speaker output.
- **Violet** wire to the Right Rear (+) speaker output.
- **Violet/Black** wire to the Right Rear (-) speaker output.
- **Green** wire to the Left Rear (+) speaker output.
- **Green/Black** wire to the Left Rear (-) speaker output.

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

- **Blue/Pink** wire to the VSS/speed sense wire.
- **Green/Purple** wire to the reverse wire.  
**Note:** This wire must be connected to access vehicle settings.
- **Light Green** wire to the parking brake wire.
  
- **3.5mm MIC jack** to the aftermarket radio for microphone retention.
- **3.5mm Aux jack** to the aftermarket radio for auxiliary retention.

### From the AXSWC harness to the aftermarket radio connect as indicated:

This harness is to be used if the vehicle is equipped with steering wheel controls.

- **Red** wire to the accessory wire.
- **3.5mm jack** from the **AXSWC harness** into the jack from the aftermarket radio designated for an external steering wheel control interface. Please refer to the aftermarket radios manual if in doubt as to where the 3.5mm jack should connect

**Attention!** If retaining steering wheel controls, ensure that the AXSWC jack/wire is connected to the radio before proceeding. If this step is skipped, the interface will need to be reset for the steering wheel controls to function.

### To retain the factory backup camera:

- **Yellow RCA jack(male)** to the reverse camera input.
- **Yellow RCA jack (female)** to the vehicle camera input.

# INSTALLATION

## With the key in the off position:

1. Connect the the 14-pin connector from the **9234B harness** to the **9234B interface**.
2. Connect the 12-pin connector from the **AXSWC harness** to the **AXSWC interface** then to the **9234B interface**.  
**Note:** The 12-pin **AXSWC** harness & 3.5mm jack is to be used with the **AXSWC interface** to retain steering wheel audio controls. If the **AXSWC interface** is not being used, disregard this harness. If it is to be used, refer to the **AXSWC** instructions for radio connections and programming.
3. Connect the (2) **MOST fiber-optic loop connectors** provided in this kit to the vehicle's factory fiber-optic connections located behind the aftermarket radio and the button panel.
4. Connect the **CAN Data connector** to the vehicle's factory connector.
5. Locate the factory antenna connector and USB connector in the dash and complete all necessary connections to the radio.

## PROGRAMMING

1. Connect the **AXSWC harness** to the **9234B interface**.
2. Press and hold the **Volume Up** button on the steering wheel.
3. Turn the ignition on. The L.E.D. in the **AXSWC interface** will start flashing rapidly, as the **AXSWC interface** searches for the auto manufacturer.
4. After a few seconds the L.E.D. should stop flashing rapidly, then go out for approximately (2) seconds.
5. After that (2) seconds there will be a series of (7) **Green** flashes, some short, and some long. The long flashes represent the wires that are connected from the vehicle to the **AXSWC interface**. The 3rd, 4th, 5th, and 6th flashes should be longer.
6. The L.E.D. will pause for another (2) seconds, then begin flashing **Red** (up to 23 times) as the **AXSWC interface** locates the aftermarket radio installed. Refer to the **L.E.D Feedback Legend** for the number of times the light should flash for the radio installed.
7. This is the end of the auto detection stage. If the **AXSWC interface** detected the vehicle and radio successfully, the L.E.D. will light up solid Red. If not, refer to the troubleshooting documents available at [axessinterfaces.com](http://axessinterfaces.com).
8. Release the **Volume Up** button. Test all functions of the installation for proper operation before reassembling the dash. Refer to the **Steering Wheel Control** documents available at [axessinterfaces.com](http://axessinterfaces.com) for customizing the buttons, if so desired.



# LED FEEDBACK

**L.E.D. Feedback:** The (23) **Red L.E.D.** flashes represent a different radio manufacturer for the **AXSWC interface** to detect. For example, if you are installing a **JVC** radio, the **AXSWC interface** will flash **Red (5)** times, then stop. Following is the **L.E.D Feedback Legend**, which indicates the flash count of the radio manufacturer.

## L.E.D. Feedback Legend

Flash Count	Radio
1	Eclipse (type 1) †
2	Kenwood ‡
3	Clarion (type 1) †
4	Sony / Dual
5	JVC
6	Pioneer / Jensen
7	Alpine *
8	Visteon
9	Valor
10	Clarion (type 2) †
11	Metra OE
12	Eclipse (type 2) †

Flash Count	Radio
13	LG
14	Parrot **
15	XITE
16	Philips
17	TBA
18	JBL
19	Insane
20	Magnadyne
21	Boss
22	Axxera
23	Axxerra (type 2)

## KEYNOTES

- \* If the **AXSWC interface** flashes **Red (7)** times, and an **Alpine** radio is not installed, that means there is an open connection not accounted for. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.
- \*\* The **AX-SWC-PARROT** is required (sold separately). Also, the software in the radio must be rev. 2.1.4 or higher.
- † If a **Clarion** or **Eclipse** radio is installed and the steering wheel controls do not function, change the radio to **Clarion (type 2)** or **Eclipse (type 2)** respectively. If the steering wheel controls still do not function, refer to the **Changing Radio Type** document available at [axxessinterfaces.com](http://axxessinterfaces.com).
- ‡ If a **Kenwood** radio is installed and the L.E.D. feedback flashes (5) times instead of (2), manually change the radio type to **Kenwood**. To do this, refer to the **Changing Radio Type** document available at [axxessinterfaces.com](http://axxessinterfaces.com).

## FINAL ASSEMBLY

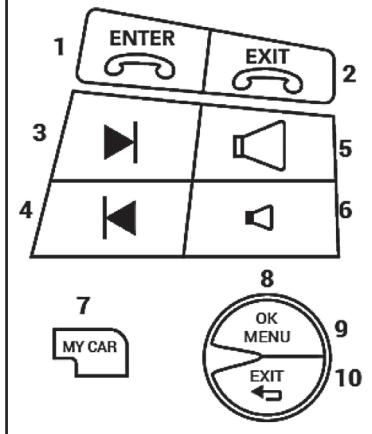
1. When happy with the fitment, feed the wires up from the main cavity and connect the wiring to the aftermarket radio, securing the radio into the dash using the factory screws.
2. Reassemble the dash in the reverse order of disassembly to complete the installation.



**IMPORTANT:** When installation is complete and you first power on the vehicle, you **MUST** go through and select the appropriate options to ensure the OEM setting communicates properly.

### OEM Button Panel

**Note:** Figure numbers in the instructions correspond to buttons in the image below and the function list on the left.



### Button Functions: In Normal Mode

1. Pick up (or use Button 9)
2. Hang up (or use Button 10)
3. Track Forward
4. Track Back
5. Volume Up
6. Volume Down
7. Enter Infodapter Menu (Long Press)

### Button Functions: In Infodapter Mode

8. Navigate options up/down
9. Select Menu Item
10. Back/Exit Infodapter Mode

### Infodapter Menu

Pressing the **MY CAR Button** (Button 7) located on the OEM Button Panel will access the **“Configuration Menu”**.

The Infodapter’s **“Configuration Menu”** showcases a series of options and settings that can be altered to tailor the user’s experience:

### My Car

The **“My Car”** menu contains all of the original vehicle settings. All vehicle setup options that were available with the original head unit are now available through the aftermarket head unit.

### Configuration Menu

My Car  
 Infodapter Settings  
 Language  
 Version  
 ← Back

### My Car

My Volvo  
 Climate Settings  
 Units  
 Time  
 Light Settings  
 Doors & Locks  
 ← Back

## Infodapter Settings

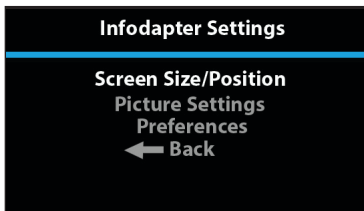
The “**Infodapter Settings**” menu contains parameters that can be selected to enhance or adapt the Infodapters layout and functionality.

### Screen Size/Position

Allows the user to setup the **Infodapter** display screen to the exact size of the aftermarket head unit being fitted.

### Picture Settings

Allows the user to adjust the **Brightness**, **Contrast** and **Saturation** levels of the Infodapter menus/parking graphics.



## Preferences

### Camera Connected

Select “**Yes**” if an optional camera is connected

### Reverse Priority

Select which image (**Camera** or **Park Assist**) will be shown by default when reversing.

(**Note:** this option is only available when **Camera Connected** is set to “**Yes**”)

### Park Assist Version

Select according to the color configuration of the **Park Assist** fitted to the vehicle.

### Driver Position

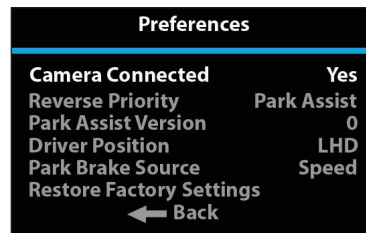
Select according either **LHD** (Left Hand Drive) or **RHD** (Right Hand Drive) for driver’s position.

### Park Brake Source

Set **Park Brake** output to activate when park brake is on (Brake), when speed is less than 3km/h (Speed) or to remain on at all times (Always On)

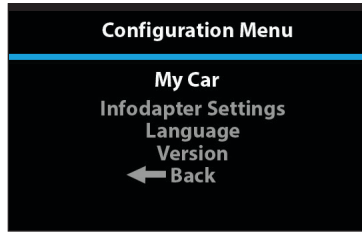
### Restore Factory Settings

Select “**Yes**” to return all Infodapter settings to factory defaults



## Language & Version

The last item in the settings menu gives the user a choice of languages - English/French/German/etc. - as well as the ability to view the current version history.





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**95-9234B**  
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



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