



## HOW TO USE THIS INSTALL GUIDE

- 1** Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.
- 2** Print only the pages for your vehicle using the advanced options in the Print menu.
- 3** Install your Maestro AR according to the guide for your vehicle.

## WARNING

Pressing the printer icon or “quick printing” this document will print all of the guides in this compilation.



# INSTALL GUIDE FORD EDGE 2011-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

# NEED HELP?

 1 866 427-2999

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

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- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

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## STEP 2

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## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

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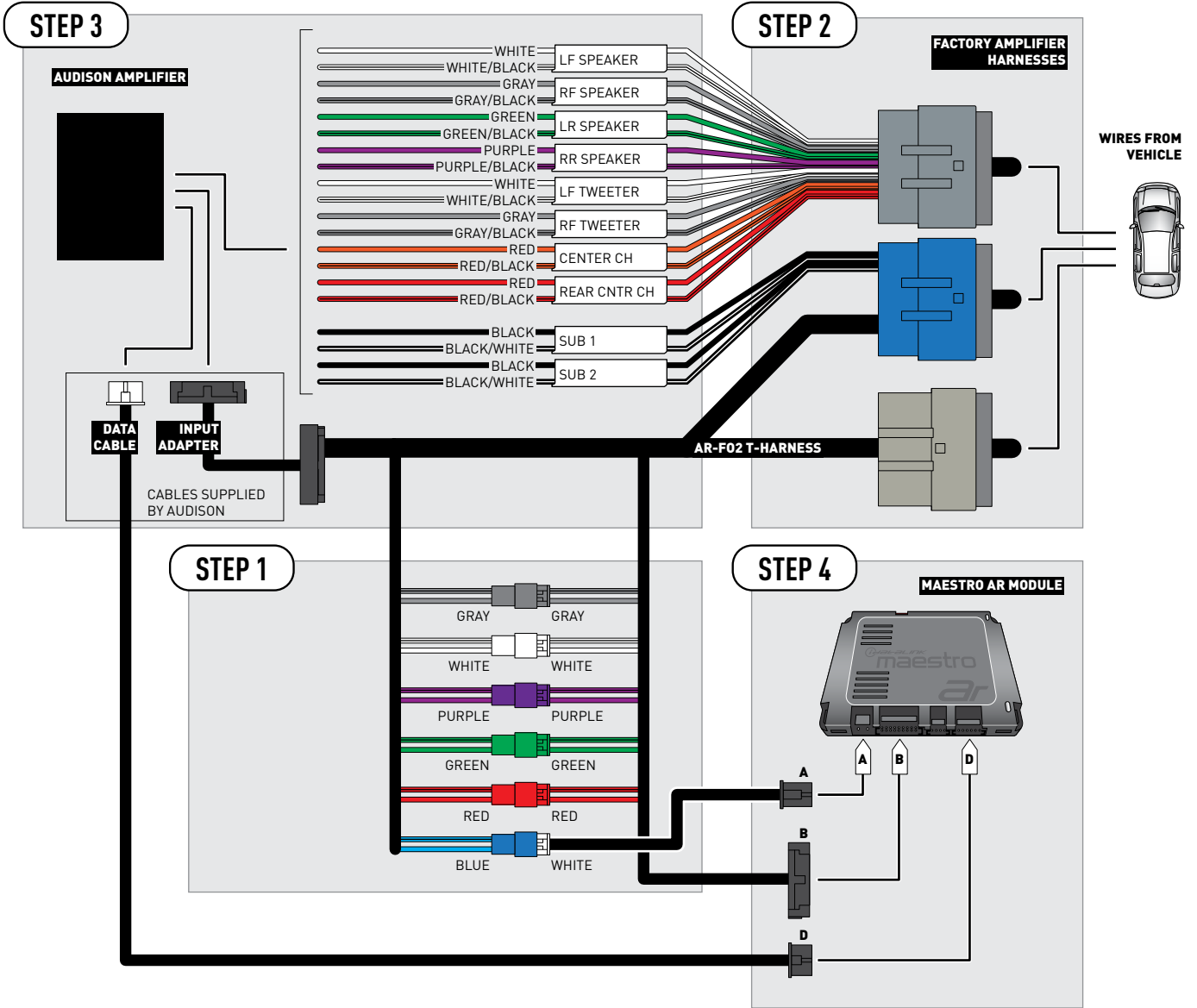
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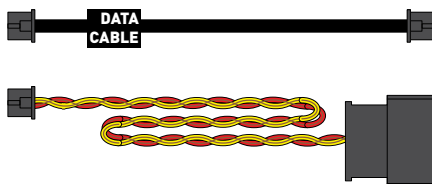
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# WIRING DIAGRAM



(1) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:  
THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**(2011-2014): Right C-pillar**  
**(2015-2017): Behind left quarter panel**



# INSTALL GUIDE FORD ESCAPE 2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
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audison

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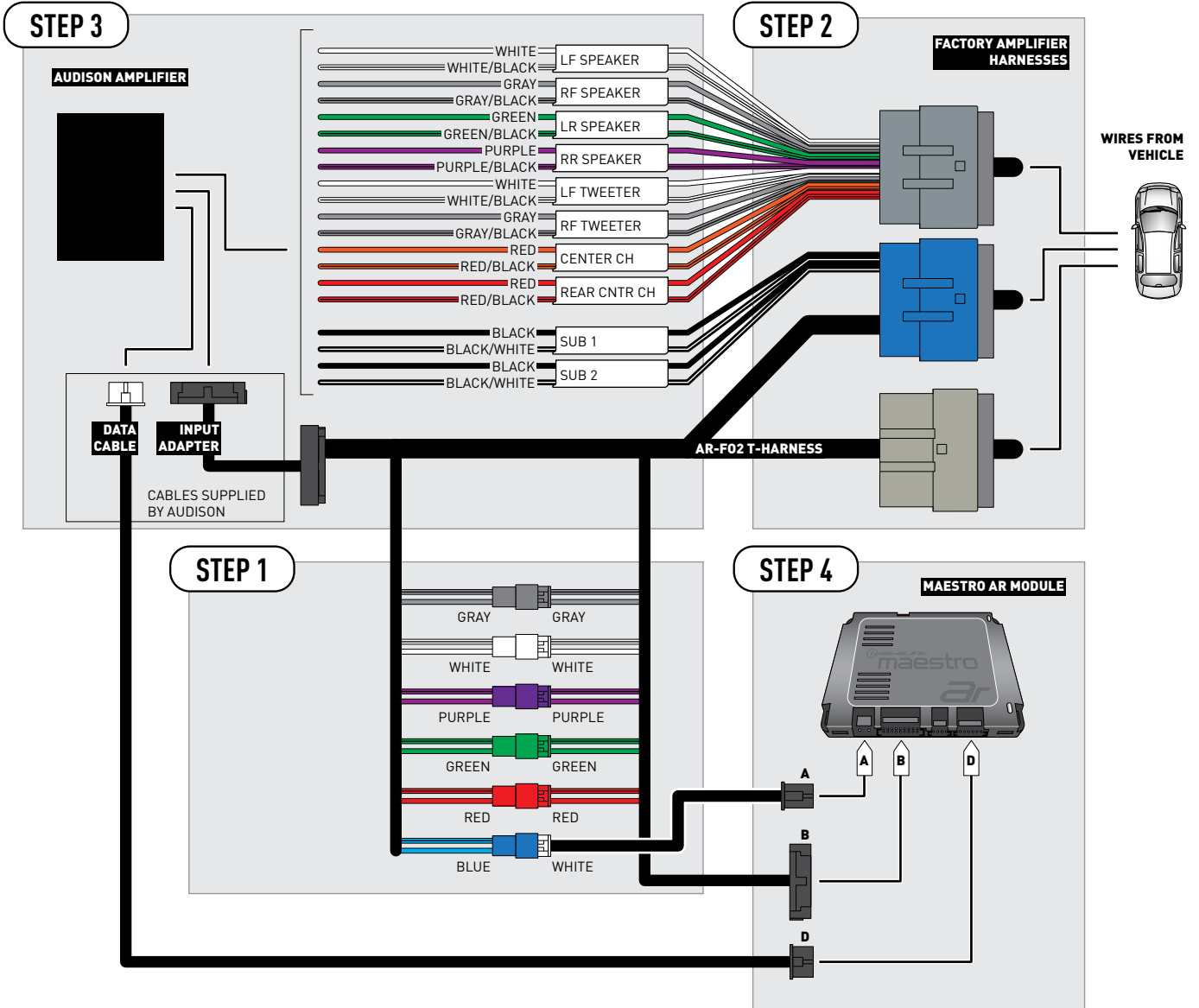
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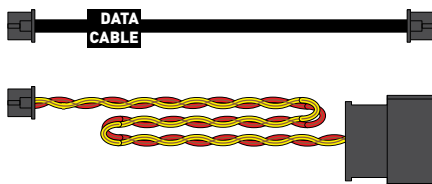
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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Left front of luggage compartment



# INSTALL GUIDE FORD EXPEDITION 2015-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
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audison

#### PRODUCTS REQUIRED

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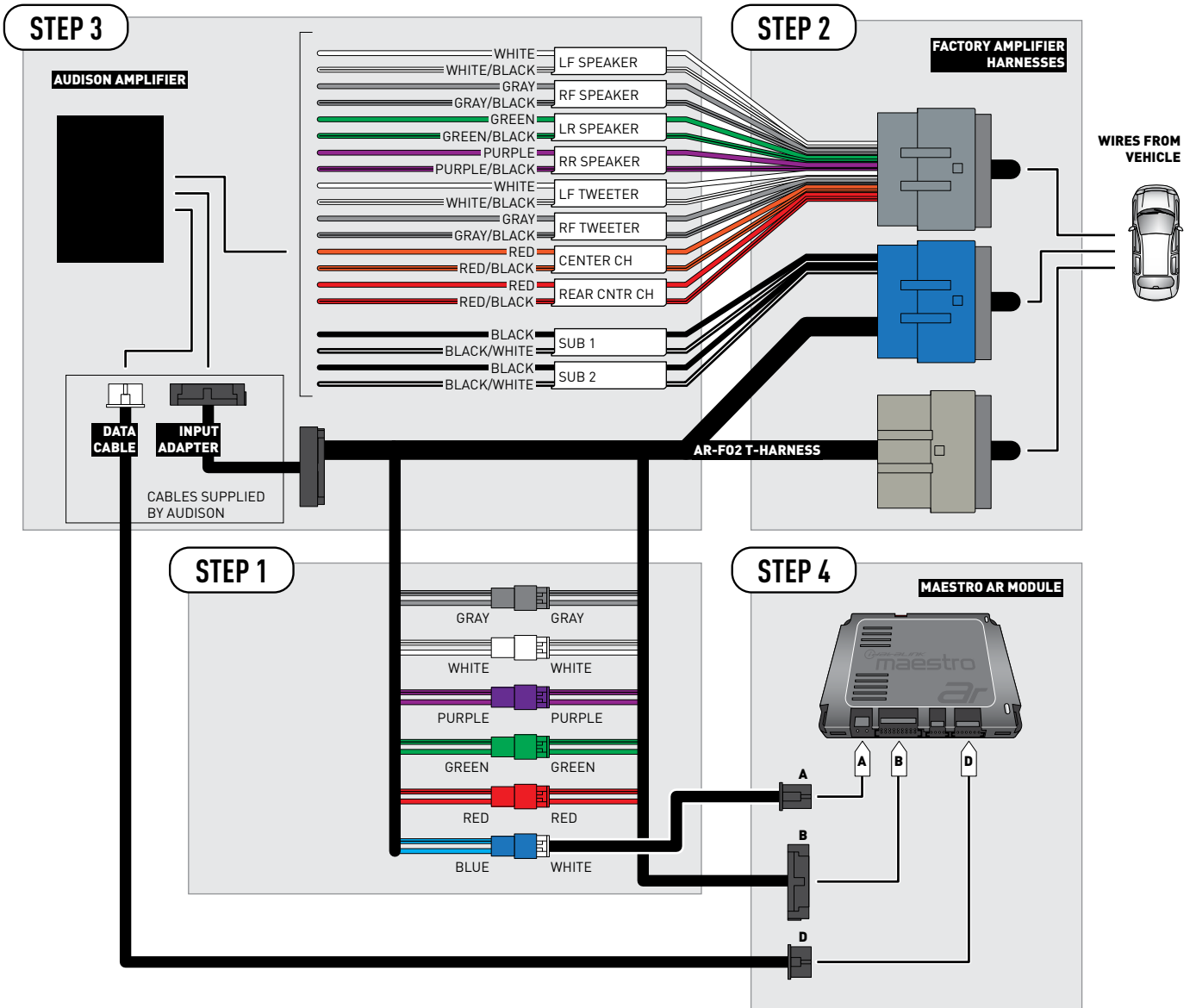
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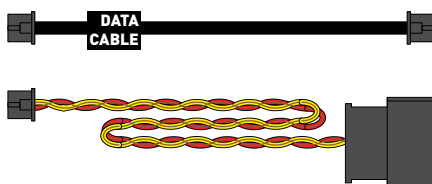
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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Behind left quarter panel



# INSTALL GUIDE FORD EXPLORER 2011-2015

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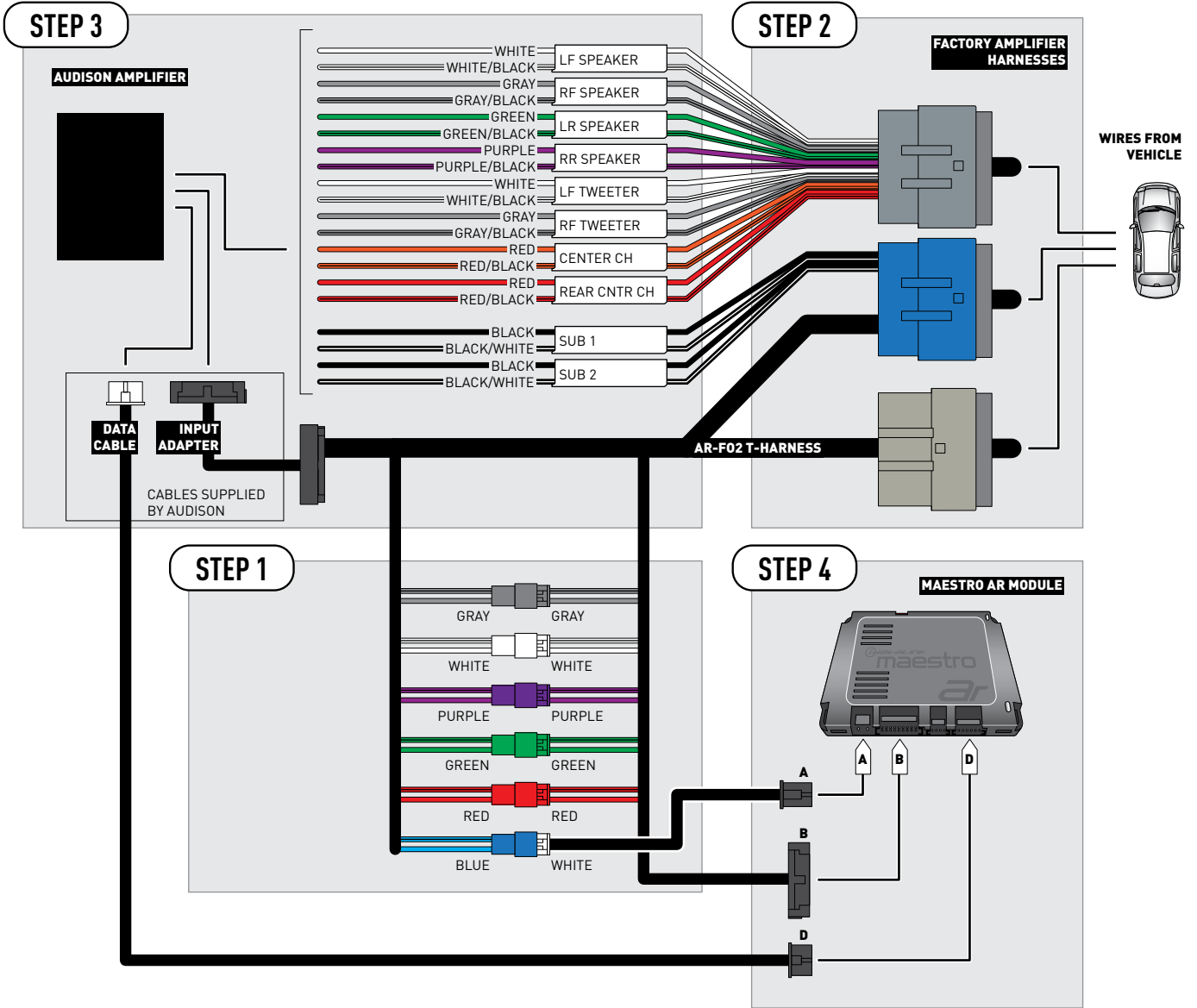
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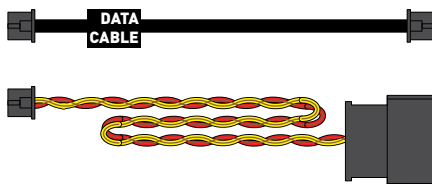
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## Amplifier location

Base of right C-pillar



# INSTALL GUIDE FORD EXPLORER 2016-2017

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

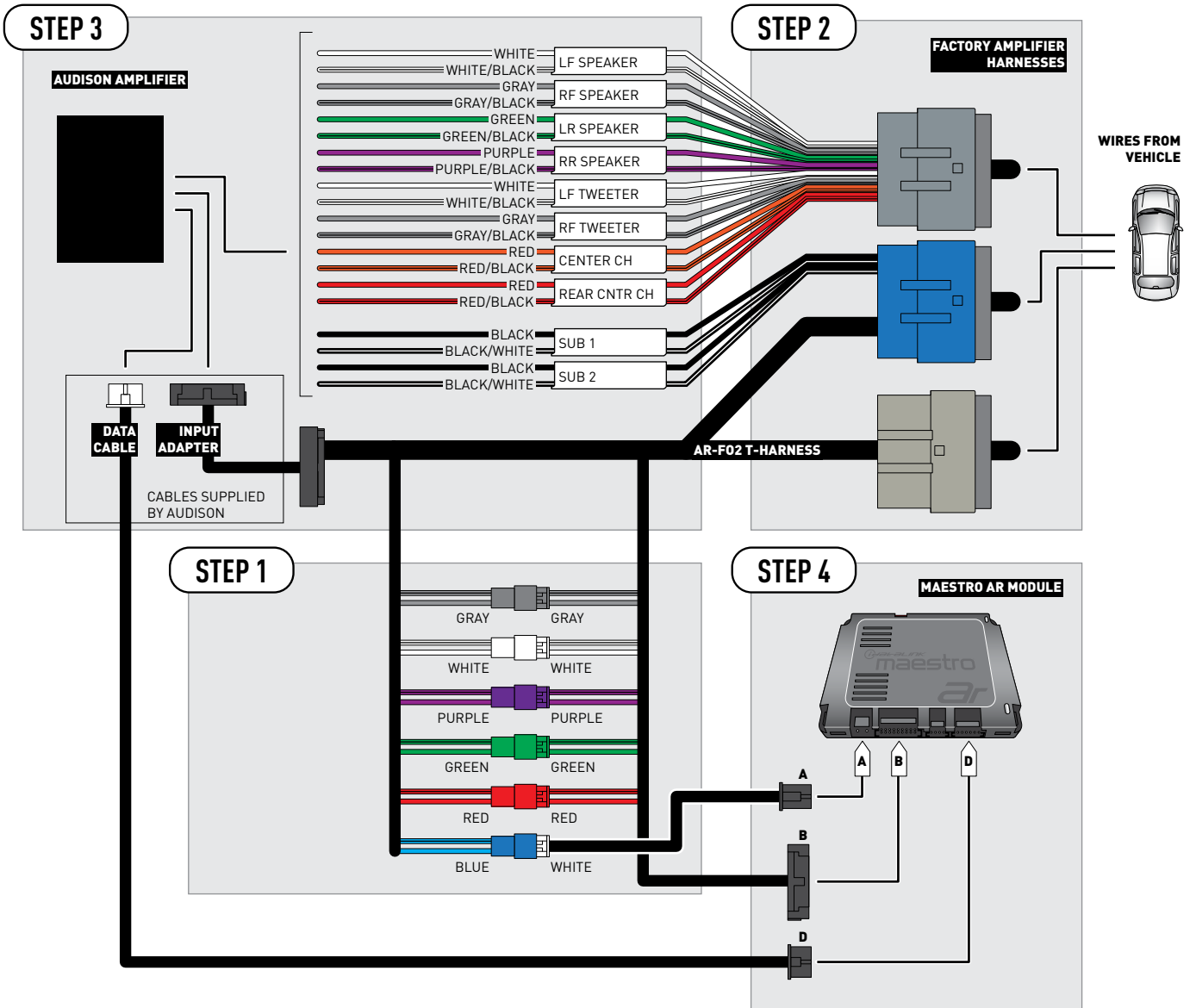
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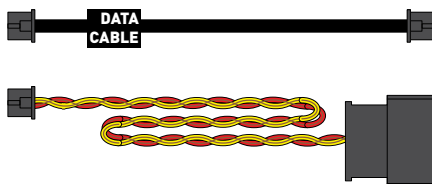
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# WIRING DIAGRAM



(1) NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
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CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Speaker (+)
	Black/White	Left Rear Speaker (-)
SUB 2	Black	Right Rear Speaker (+)
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Note 1: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Note 2: The wires for the subwoofer are not pinned in the F02 harness. Because the subwoofer is located near the factory amplifier, the wires can be connected directly at the subwoofer instead.

## Amplifier location

### Base of right C-pillar



# INSTALL GUIDE FORD EXPLORER PLATINUM 2016-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.



# WELCOME


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# NEED HELP?

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These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

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**Not Used**
- Prompt Location  
**All Front Speakers**
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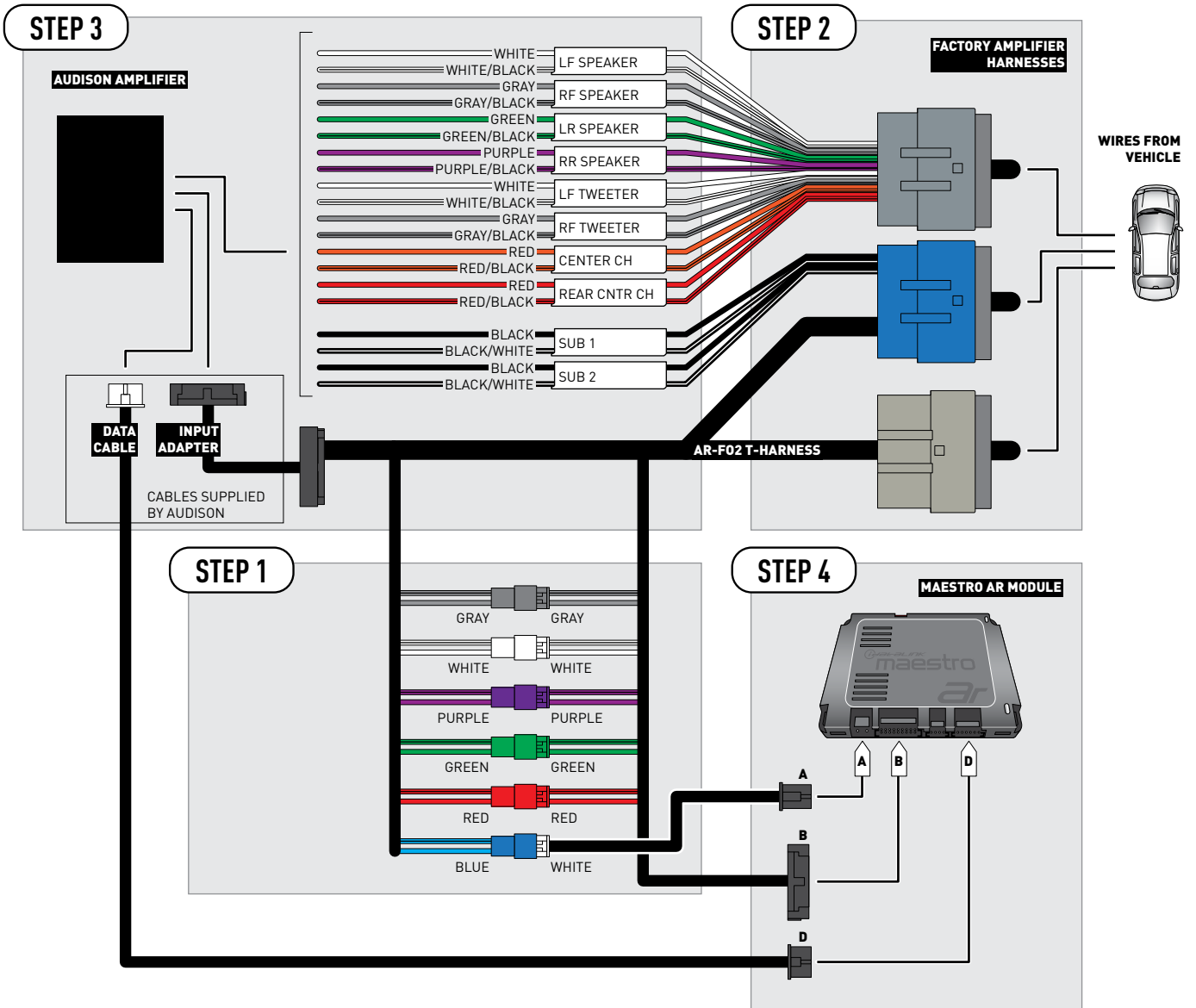
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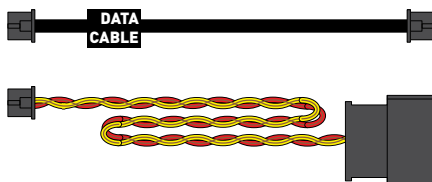
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Note 1: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Note 2: The wires for the subwoofer are not pinned in the F02 harness. Because the subwoofer is located near the factory amplifier, the wires can be connected directly at the subwoofer instead.

## Amplifier location

### Base of right C-pillar



# INSTALL GUIDE FORD F150 2013-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-F02 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**



# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

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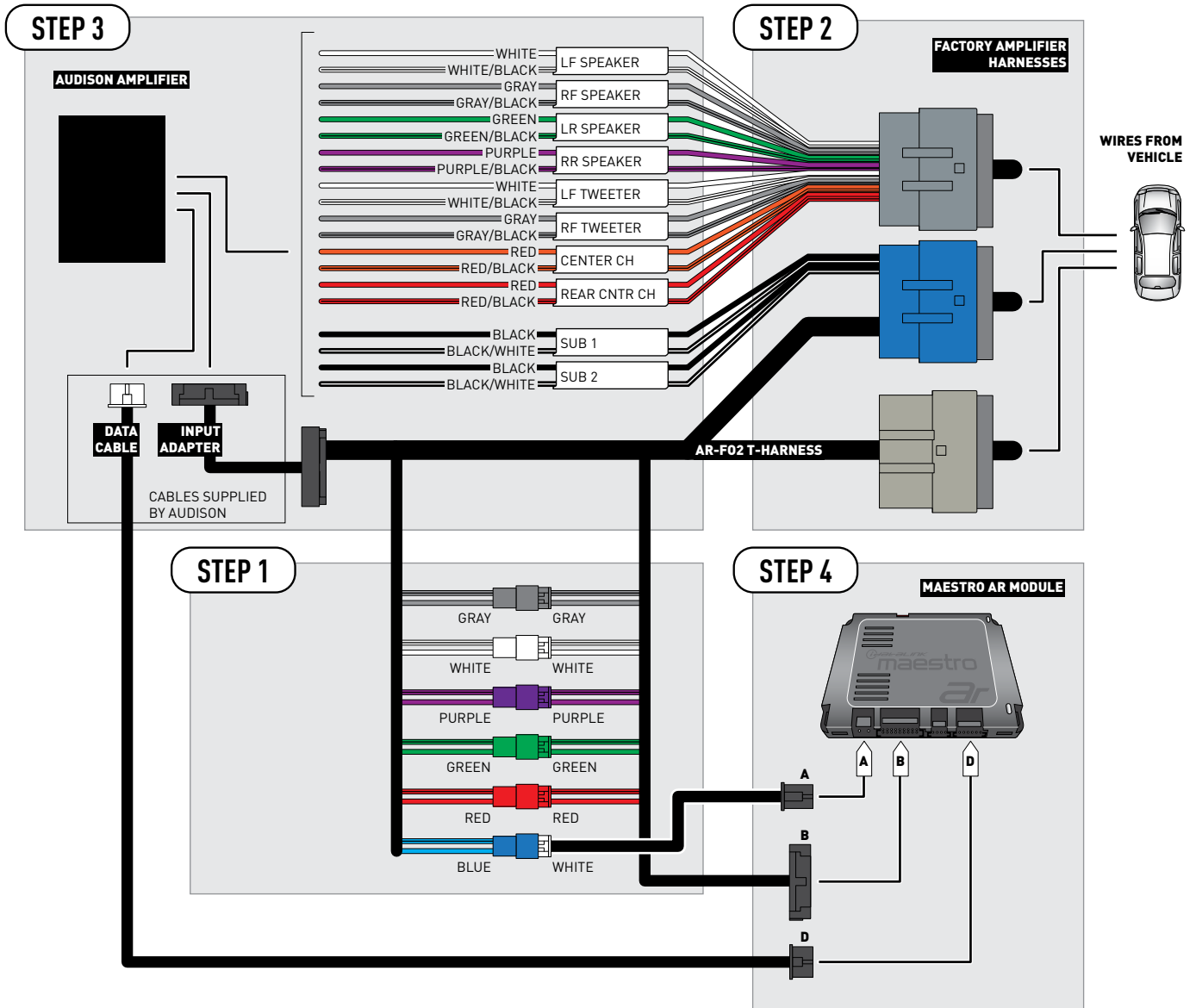
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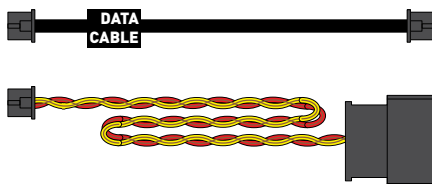
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# WIRING DIAGRAM



(1) NOTE:  
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**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**(2013-2014) : Under center console**

**(2015-2017 regular cab) : Base of left B-pillar**

**(2015-2017 Super cab/Crew cab) : Base of left C-pillar**



# INSTALL GUIDE FORD F250 2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# SETTINGS AND FEATURES

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- Speed Compensated Volume  
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### AUDIO FEATURES:

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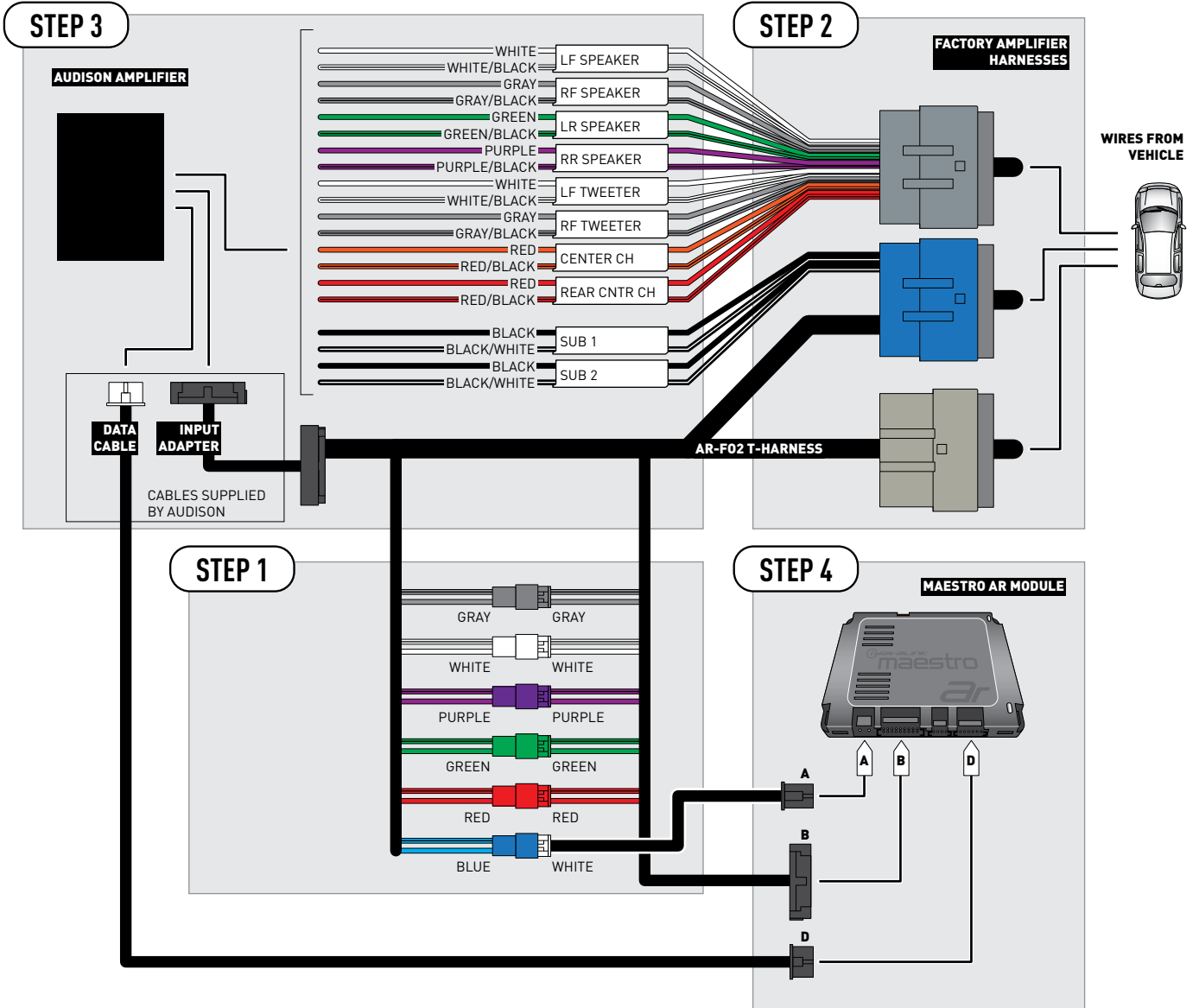
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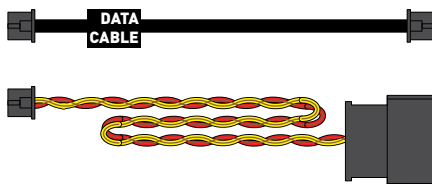
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## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F250 2017-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

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## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

### Note 1:

If the aF02 harness is version .9 or higher, connect one of the Yellow wires on the Blue 16 pin connector to the Green/Red wire located at pin 5 of the mating connector in the vehicle harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 2:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 3:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 4:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 5:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

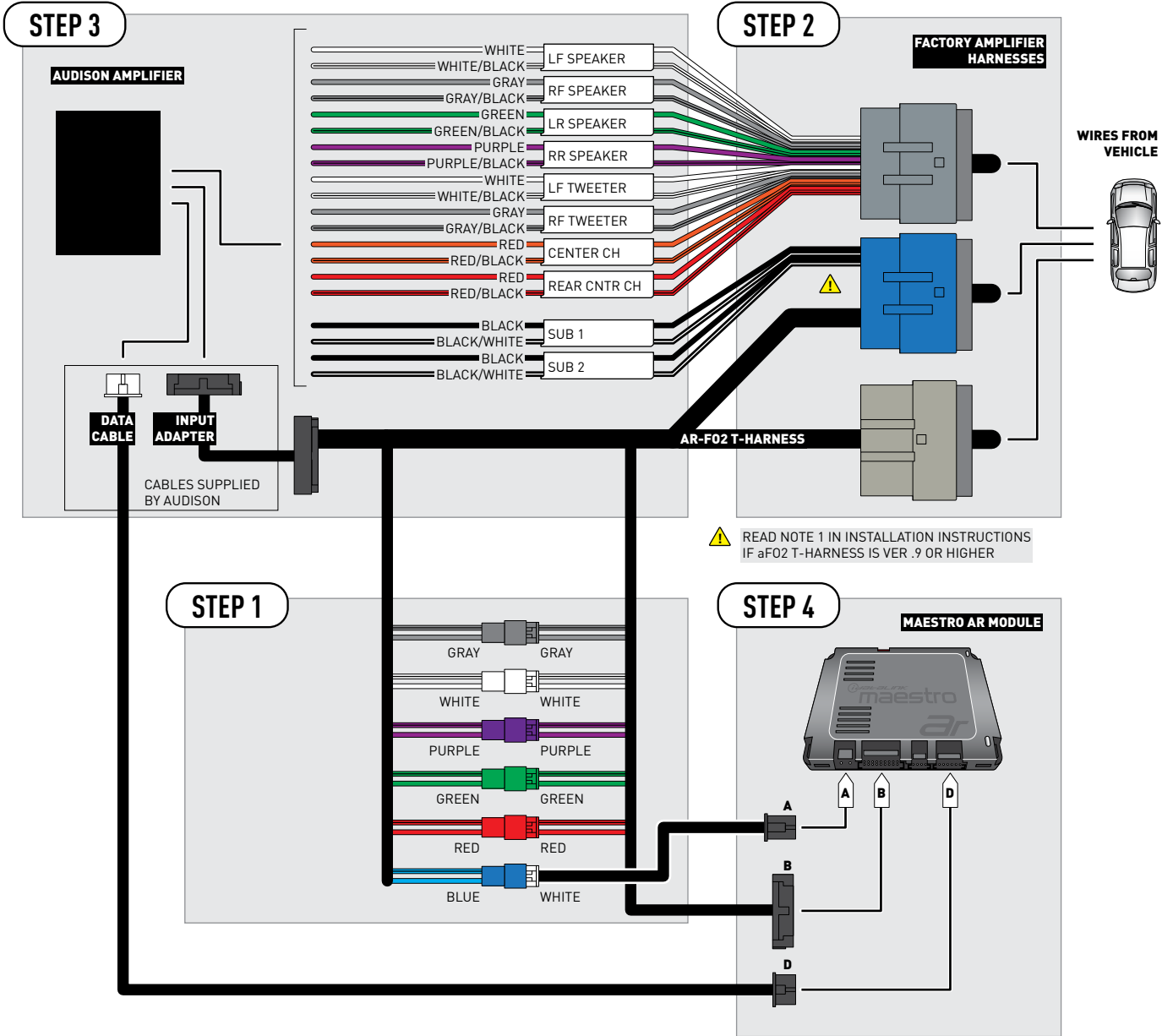
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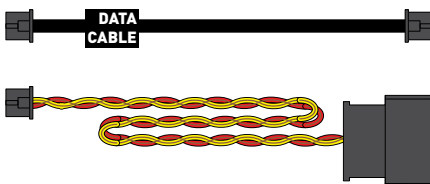
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# WIRING DIAGRAM



[1] NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LF TWEETER	White	Left Front Tweeter (+)
	White/Black	Left Front Tweeter (-)
RF SPEAKER	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RF TWEETER	Gray	Right Front Tweeter (+)
	Gray/Black	Right Front Tweeter (-)
LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F250 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.




# WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

# NEED HELP?

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Cut and isolate Yellow wire (pin 5) and Black wire (pin 16) of the blue connector of the aF02 T-Harness. (This step is not required if the aF02 harness is Version .9 or higher.)
- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

**The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.**

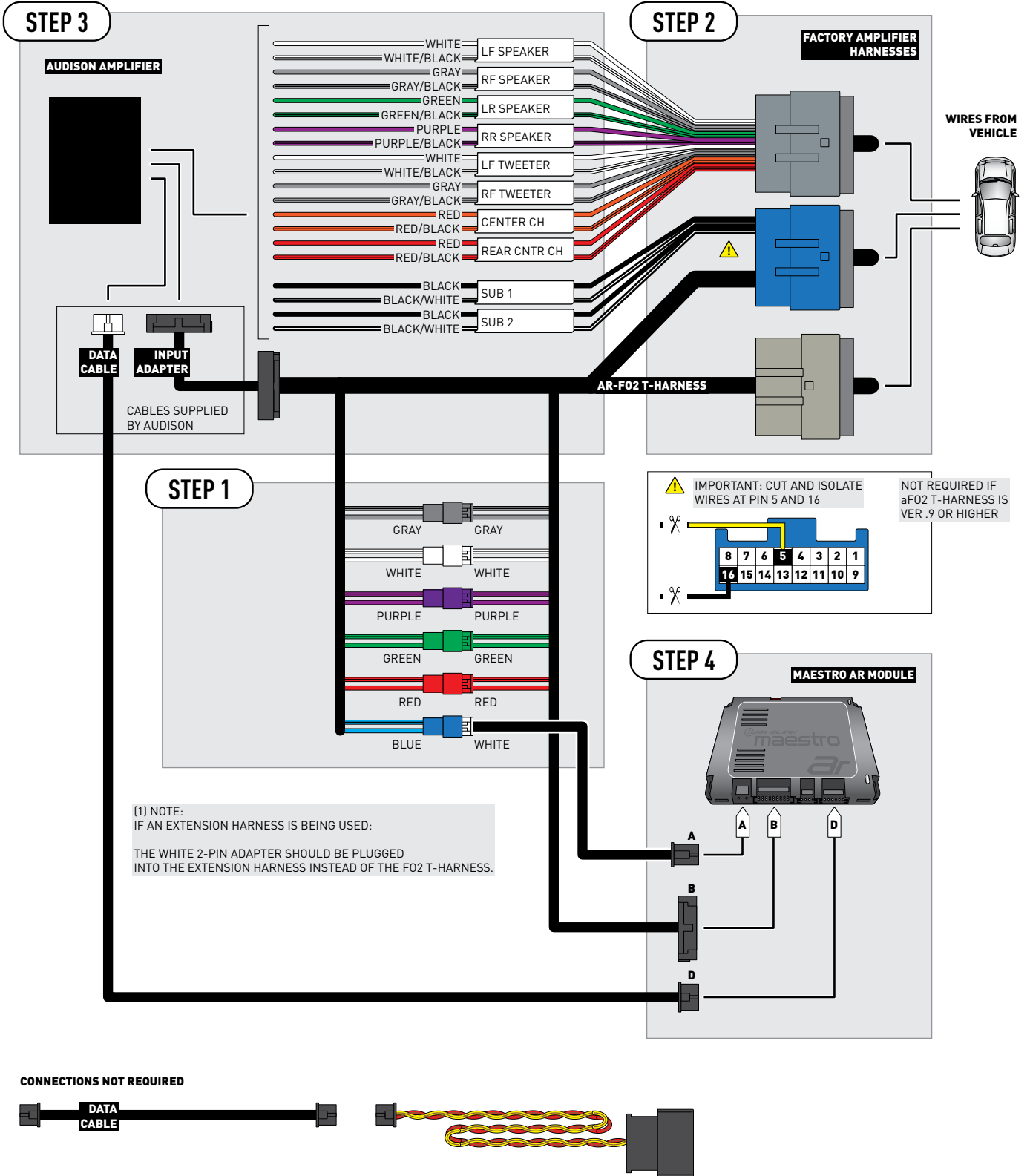
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# WIRING DIAGRAM



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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RF TWEETER	Gray	Right Front Tweeter (+)
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LR SPEAKER	Green	Left Rear Speaker (+)
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RR SPEAKER	Purple	Right Rear Speaker (+)
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REAR CNTR CH	Red	n/a
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CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F350 2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**



# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

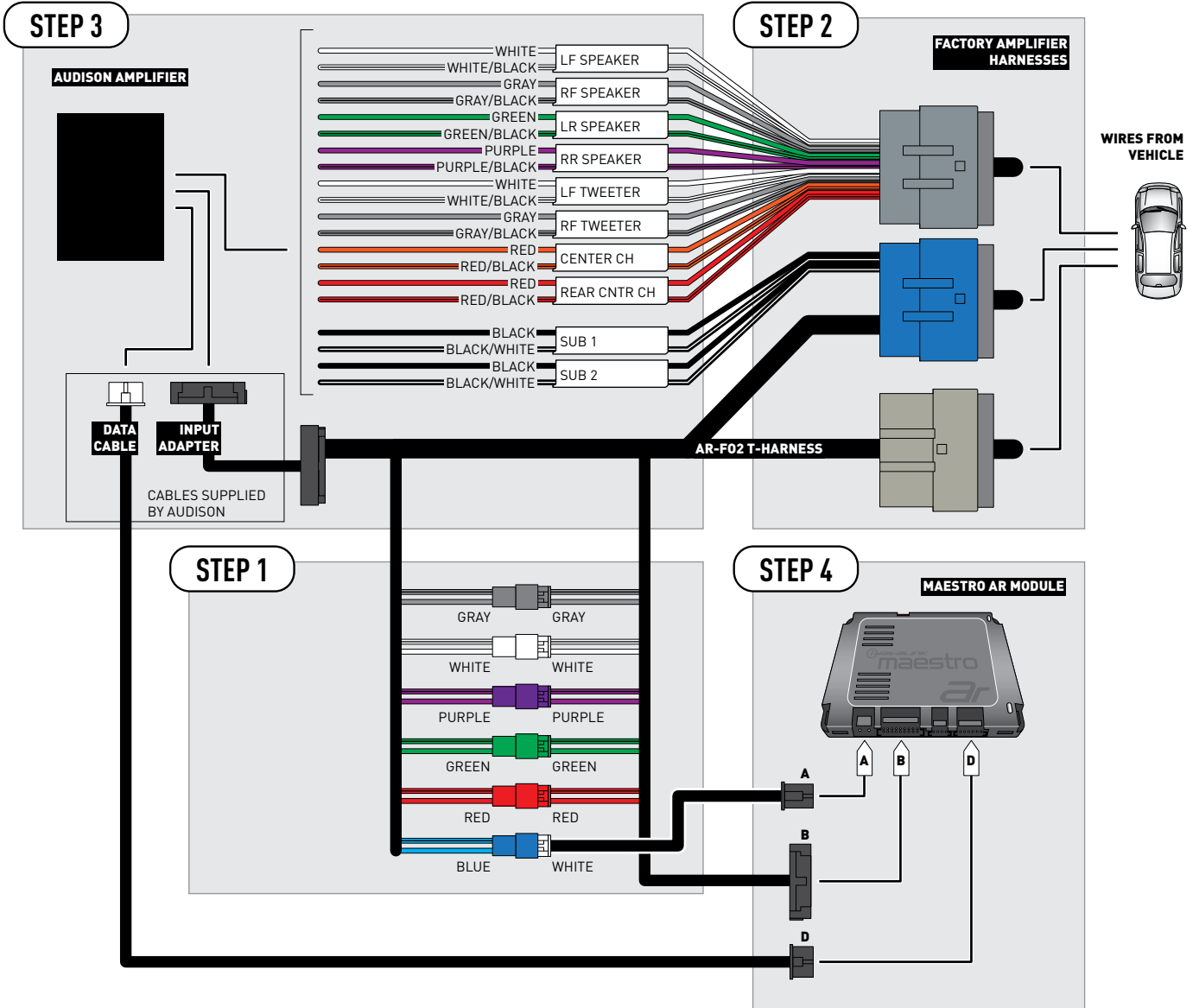
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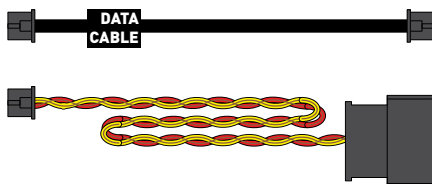
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# WIRING DIAGRAM



(1) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:  
THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LF TWEETER	White	Left Front Tweeter (+)
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RF SPEAKER	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RF TWEETER	Gray	Right Front Tweeter (+)
	Gray/Black	Right Front Tweeter (-)
LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
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REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
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SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F350 2017-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

### Note 1:

**If the aF02 harness is version .9 or higher, connect one of the Yellow wires on the Blue 16 pin connector to the Green/Red wire located at pin 5 of the mating connector in the vehicle harness.**

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 2:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 3:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 4:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 5:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

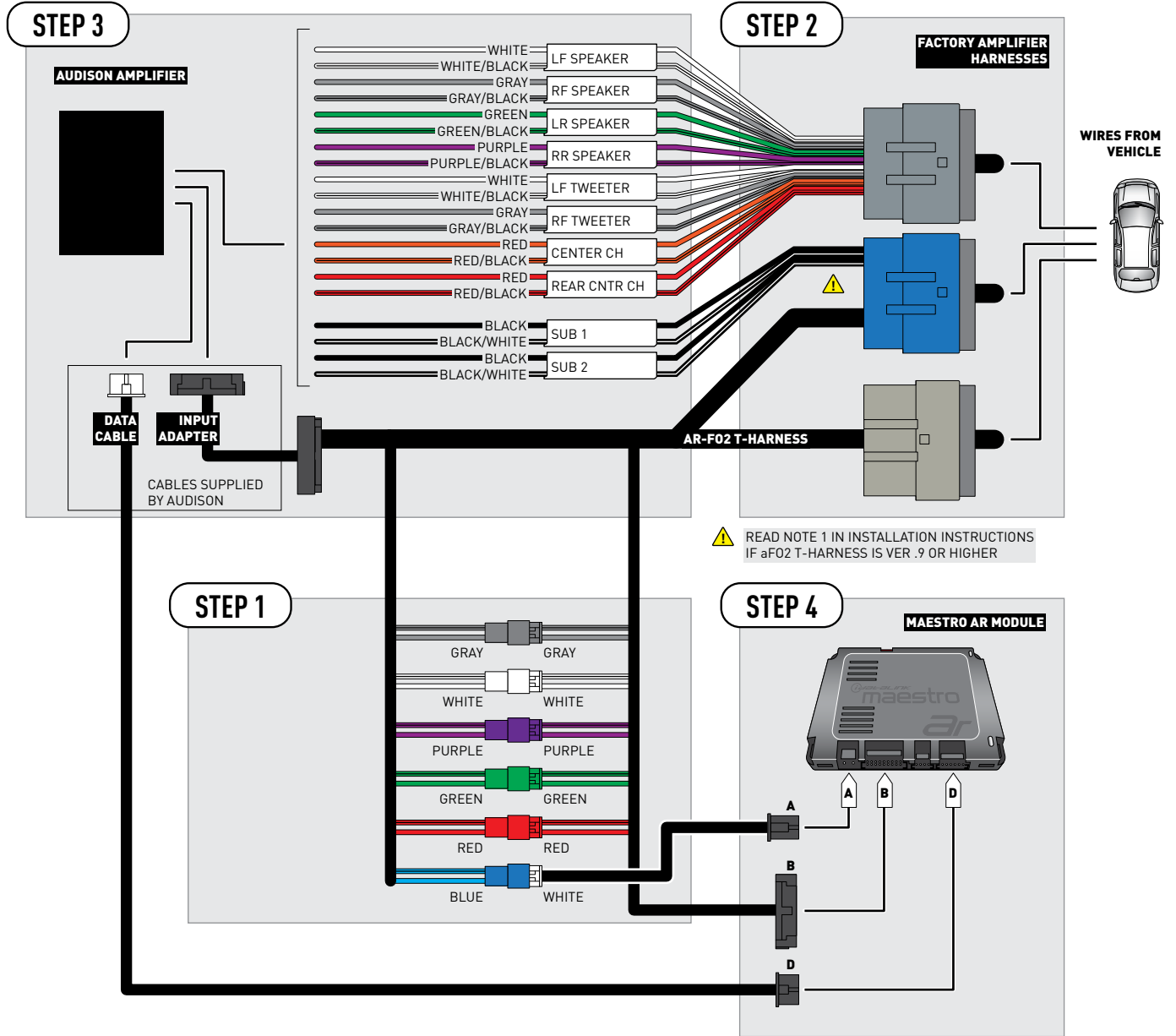
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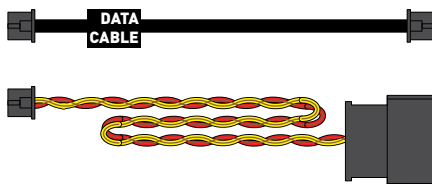
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# WIRING DIAGRAM



[1] NOTE:  
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 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**





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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F350 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

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HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

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- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

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**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

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- Cut and isolate Yellow wire (pin 5) and Black wire (pin 16) of the blue connector of the aF02 T-Harness. (This step is not required if the aF02 harness is Version .9 or higher.)
- Connect the factory amplifier harnesses to the aF02 T-harness.

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- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

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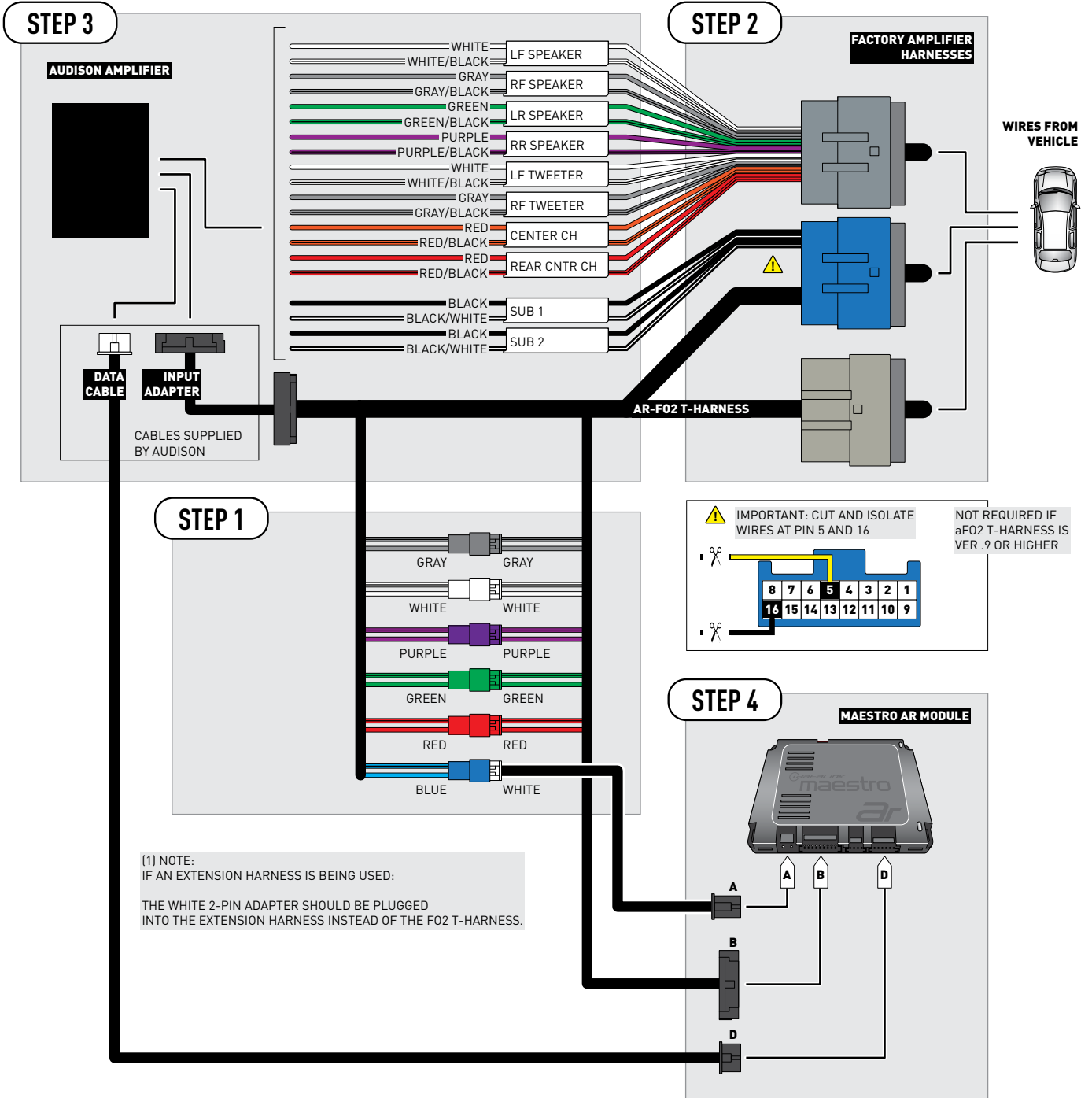
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Call : 1-866-427-2999

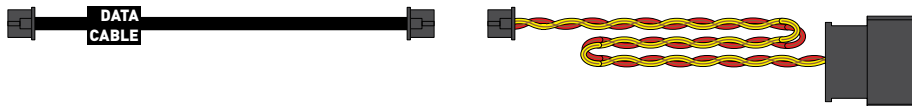
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# WIRING DIAGRAM



**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LF TWEETER	White	Left Front Tweeter (+)
	White/Black	Left Front Tweeter (-)
RF SPEAKER	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RF TWEETER	Gray	Right Front Tweeter (+)
	Gray/Black	Right Front Tweeter (-)
LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F450 2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.



# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

## TABLE OF CONTENTS

Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

# NEED HELP?

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

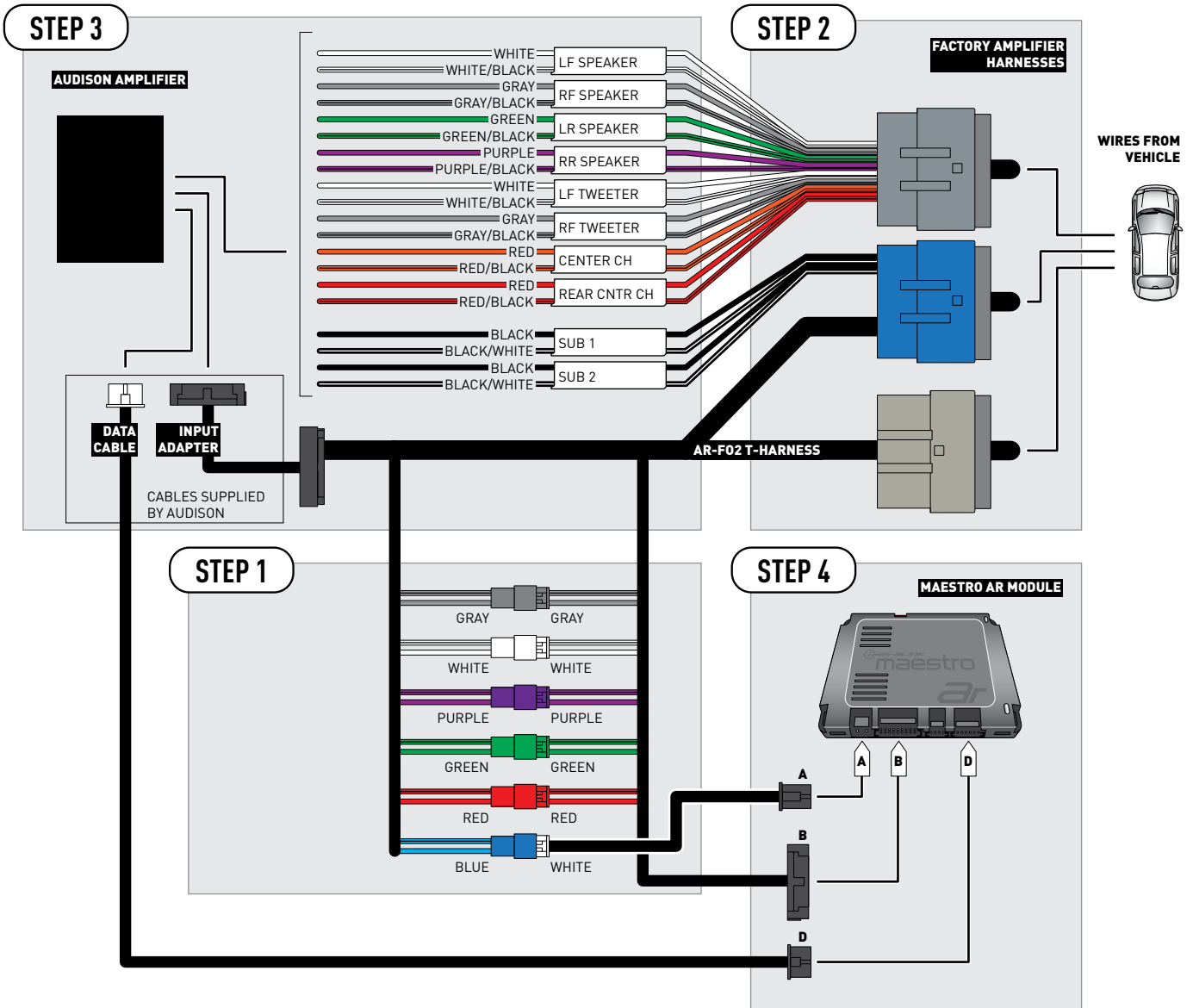
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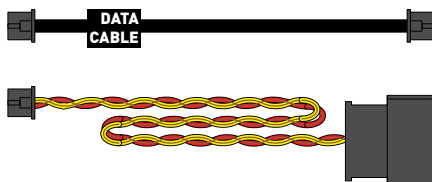
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# WIRING DIAGRAM



(1) NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
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SUB 1	Black	Left Rear Subwoofer (+)
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SUB 2	Black	Right Rear Subwoofer (+)
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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F450 2017-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME


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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**



# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

### Note 1:

**If the aF02 harness is version .9 or higher, connect one of the Yellow wires on the Blue 16 pin connector to the Green/Red wire located at pin 5 of the mating connector in the vehicle harness.**

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 2:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 3:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 4:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 5:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

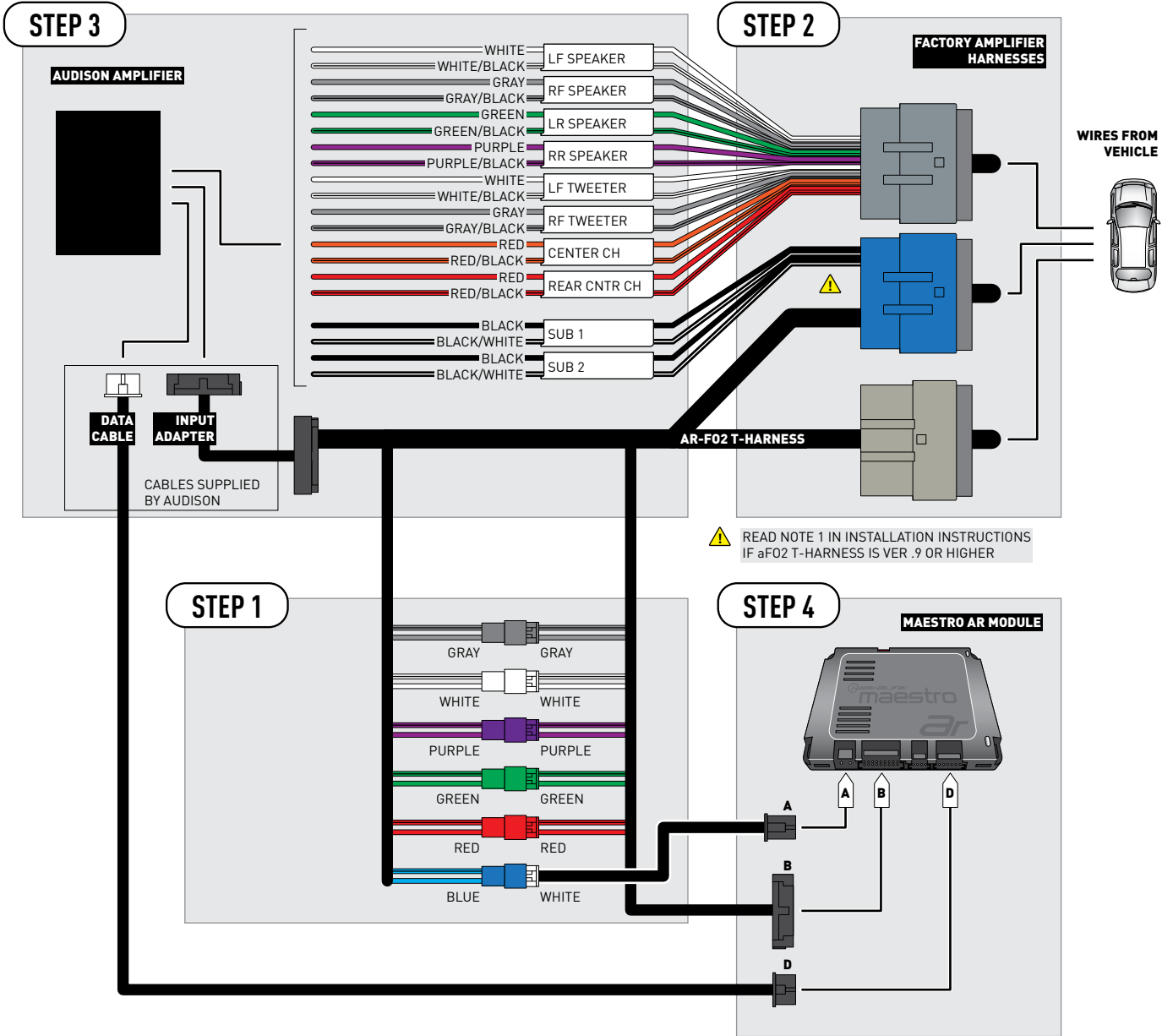
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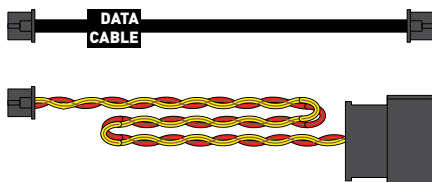
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# WIRING DIAGRAM



[1] NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LF TWEETER	White	Left Front Tweeter (+)
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REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
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SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F450 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

## TABLE OF CONTENTS

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# NEED HELP?

 1 866 427-2999

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Cut and isolate Yellow wire (pin 5) and Black wire (pin 16) of the blue connector of the aF02 T-Harness. (This step is not required if the aF02 harness is Version .9 or higher.)
- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

**The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.**

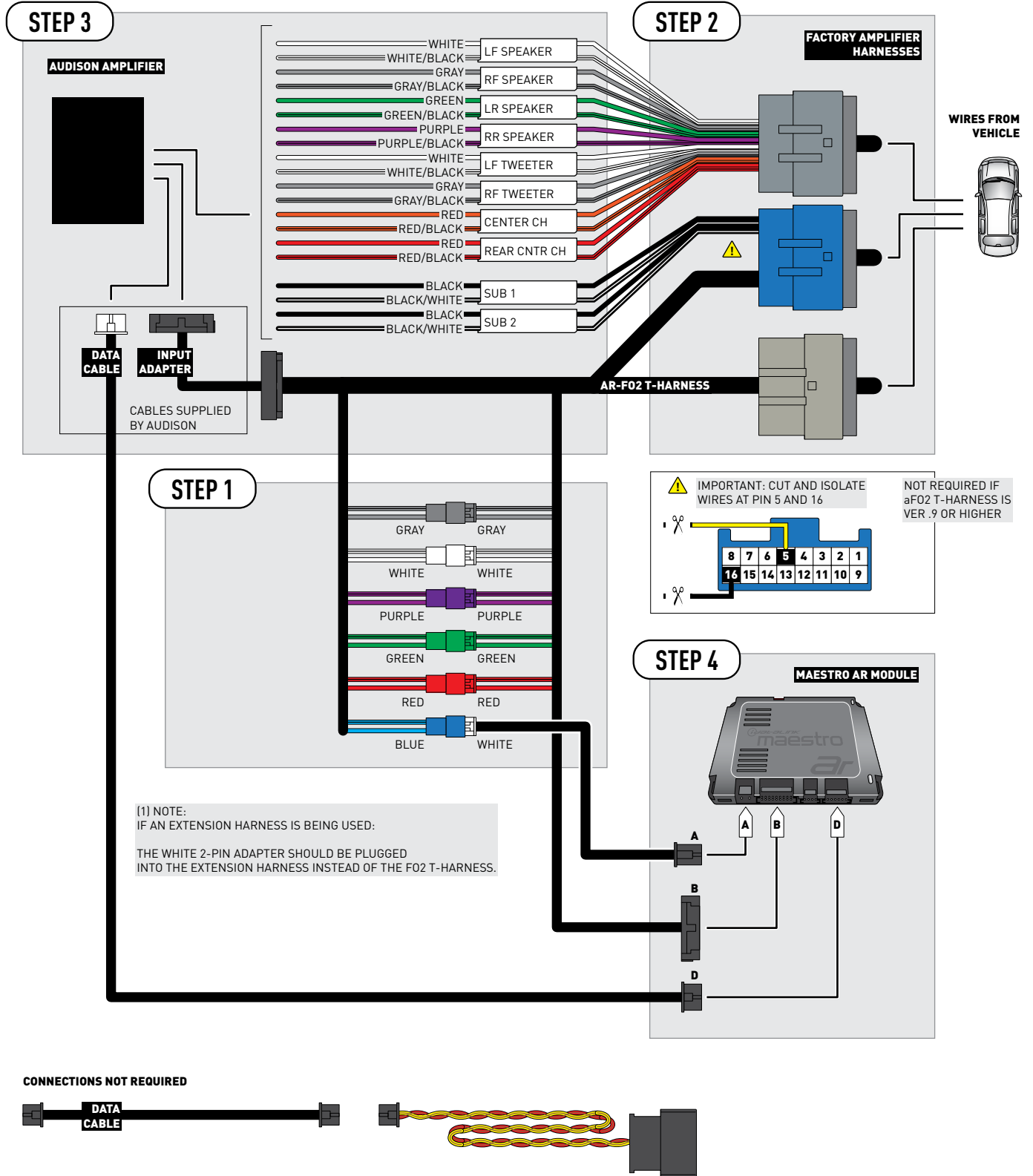
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# WIRING DIAGRAM





# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F550 2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME


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- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
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- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

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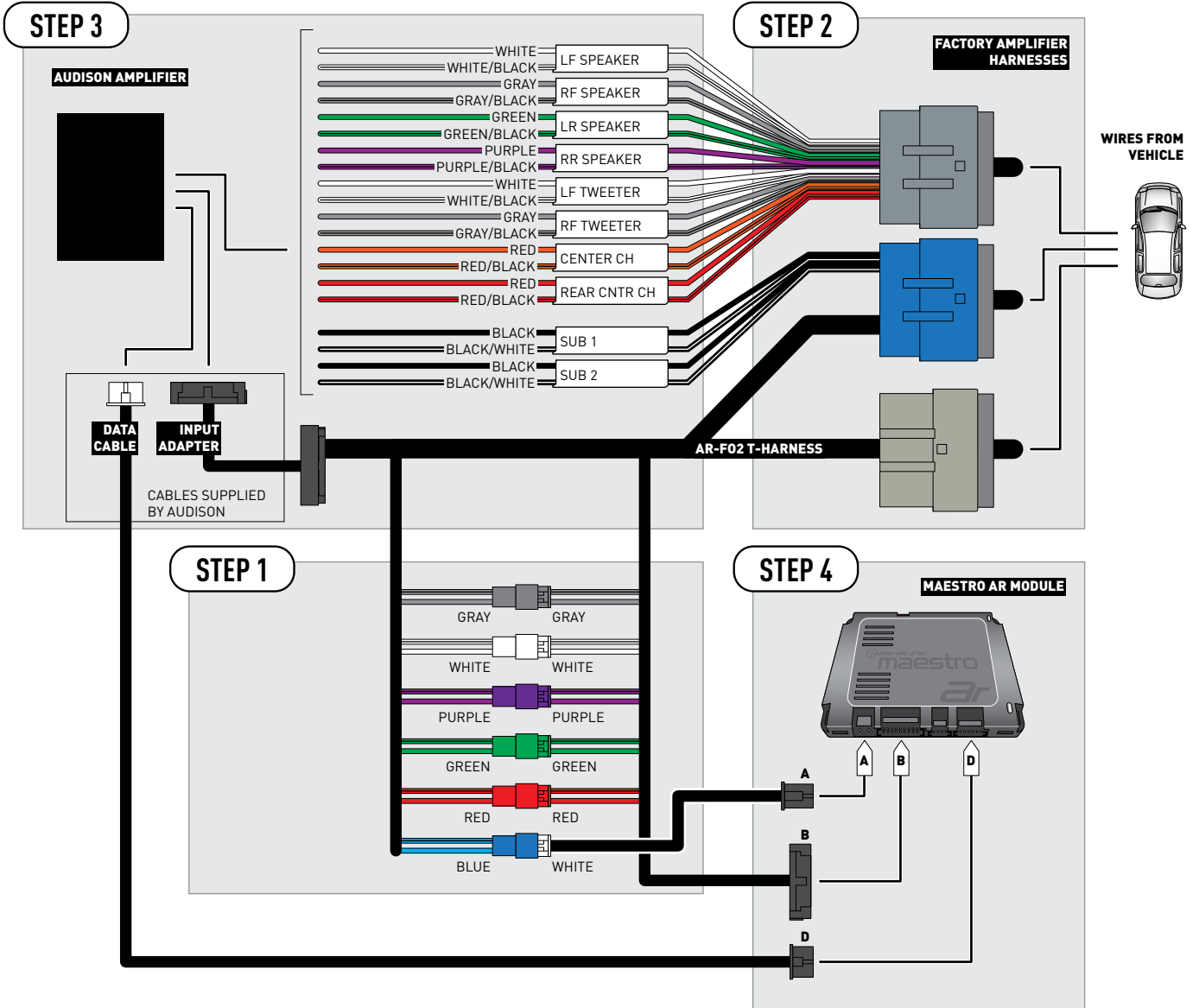
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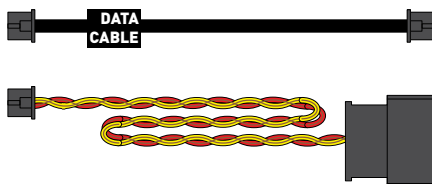
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# WIRING DIAGRAM



(1) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:  
THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

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	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F550 2017-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.



# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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# NEED HELP?

 1 866 427-2999

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[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

### Note 1:

**If the aF02 harness is version .9 or higher, connect one of the Yellow wires on the Blue 16 pin connector to the Green/Red wire located at pin 5 of the mating connector in the vehicle harness.**

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 2:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 3:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 4:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 5:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

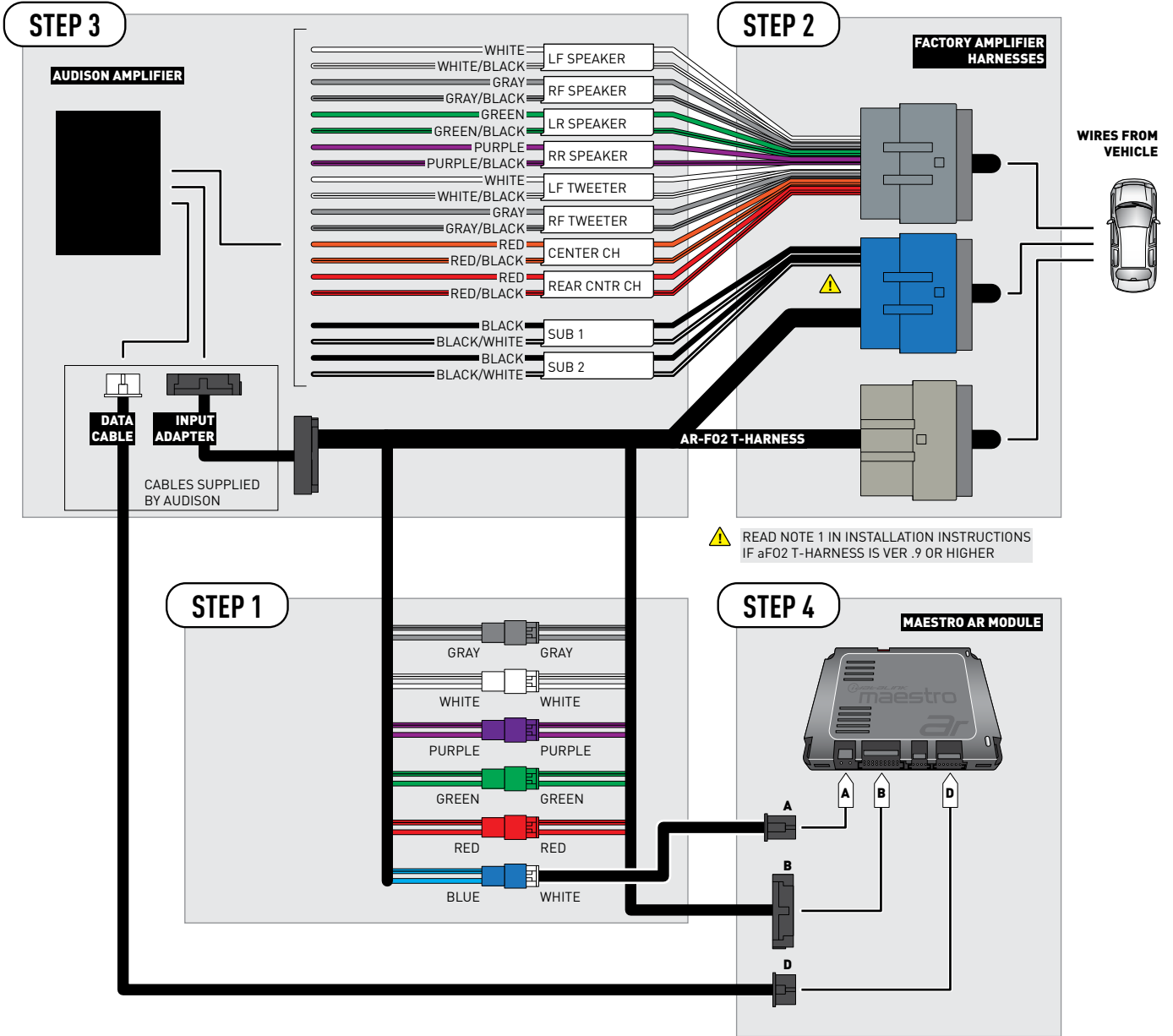
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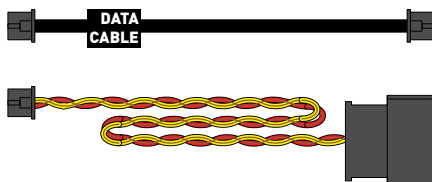
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# WIRING DIAGRAM



[1] NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LF TWEETER	White	Left Front Tweeter (+)
	White/Black	Left Front Tweeter (-)
RF SPEAKER	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RF TWEETER	Gray	Right Front Tweeter (+)
	Gray/Black	Right Front Tweeter (-)
LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD F550 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**



# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Cut and isolate Yellow wire (pin 5) and Black wire (pin 16) of the blue connector of the aF02 T-Harness. (This step is not required if the aF02 harness is Version .9 or higher.)
- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

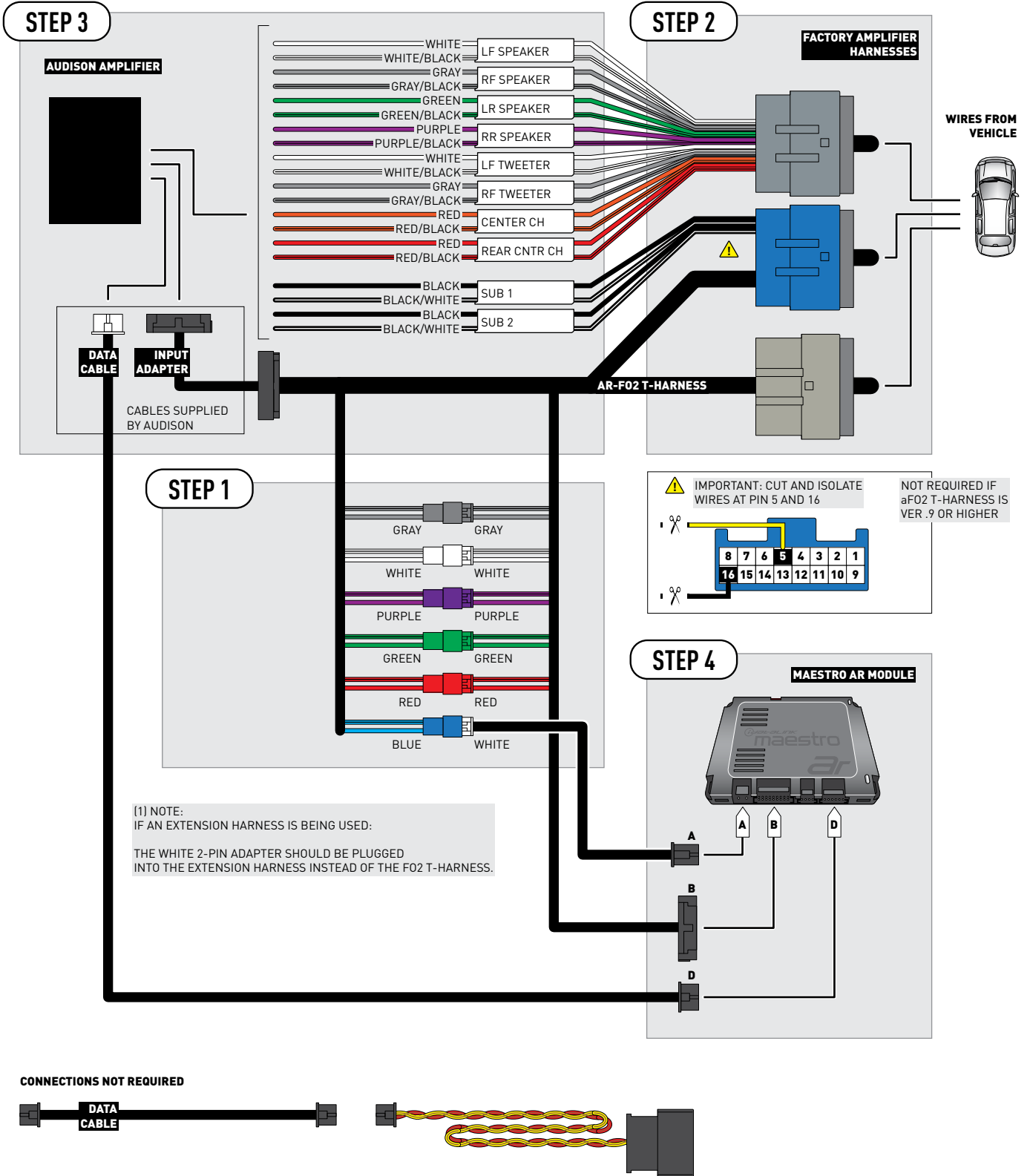
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# WIRING DIAGRAM



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
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CENTER CH	Orange	Center Channel (+)
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SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Crew cab : Base of left C-pillar**

**Super cab : Rear center of floor**



# INSTALL GUIDE FORD FLEX 2013-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME

Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

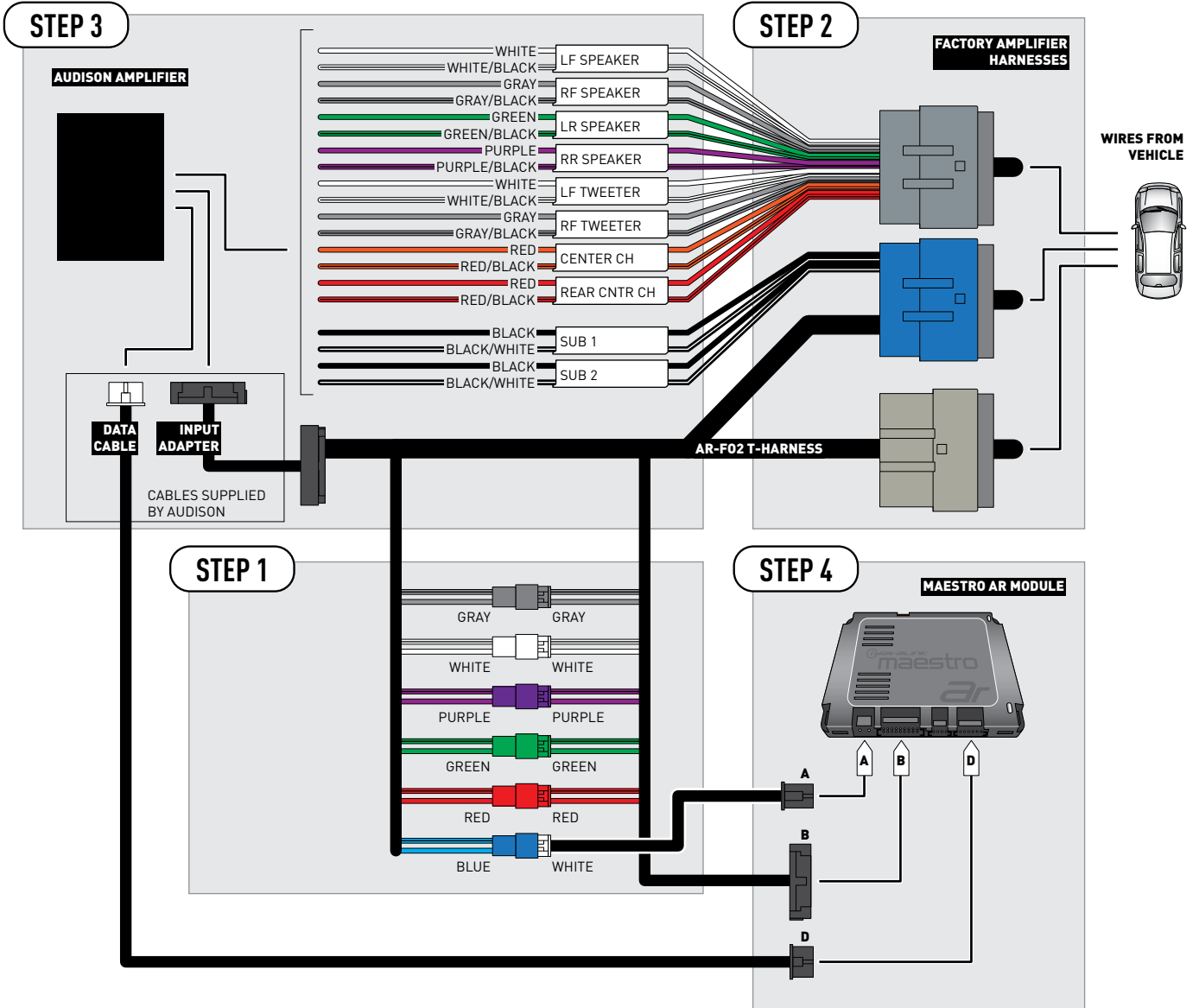
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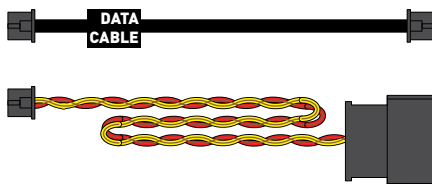
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# WIRING DIAGRAM



(1) NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**





# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
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LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	Rear Center Channel (+)
	Red/Black	Rear Center Channel (-)
CENTER CH	Orange	Front Center Channel (+)
	Orange/Black	Front Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Behind right rear quarter panel



# INSTALL GUIDE FORD FLEX 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02


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### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
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### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
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- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
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## STEP 4

- Connect all the harnesses to the Maestro AR module.

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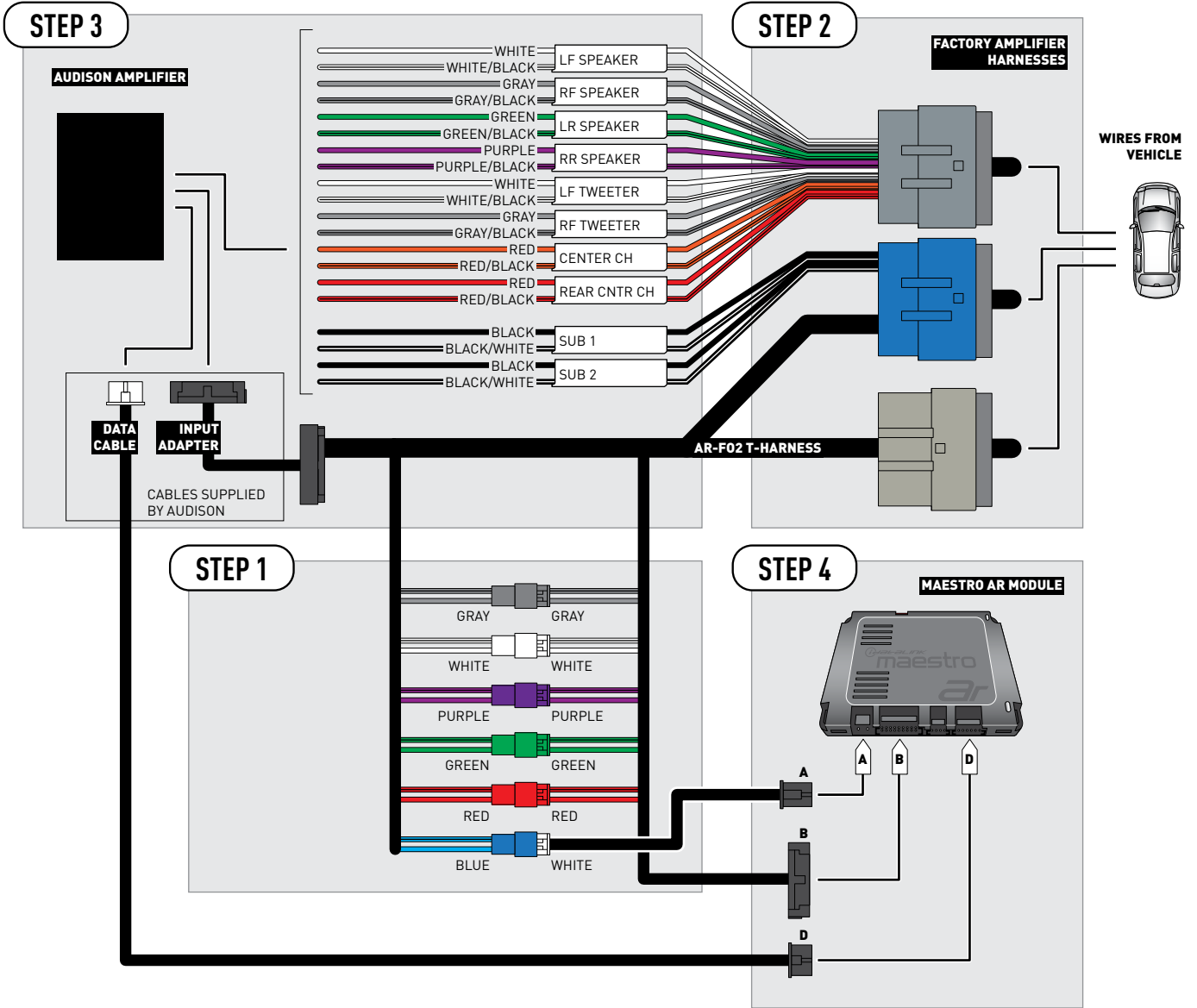
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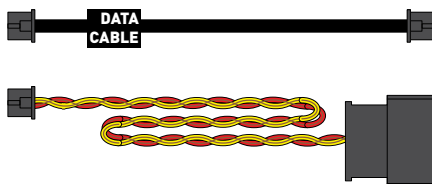
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(1) NOTE:  
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**CONNECTIONS NOT REQUIRED**



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	Black/White	Right Rear Speaker (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

**Behind right rear quarter panel**



# INSTALL GUIDE FORD FOCUS 2012-2018

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
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#### PRODUCTS REQUIRED

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Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

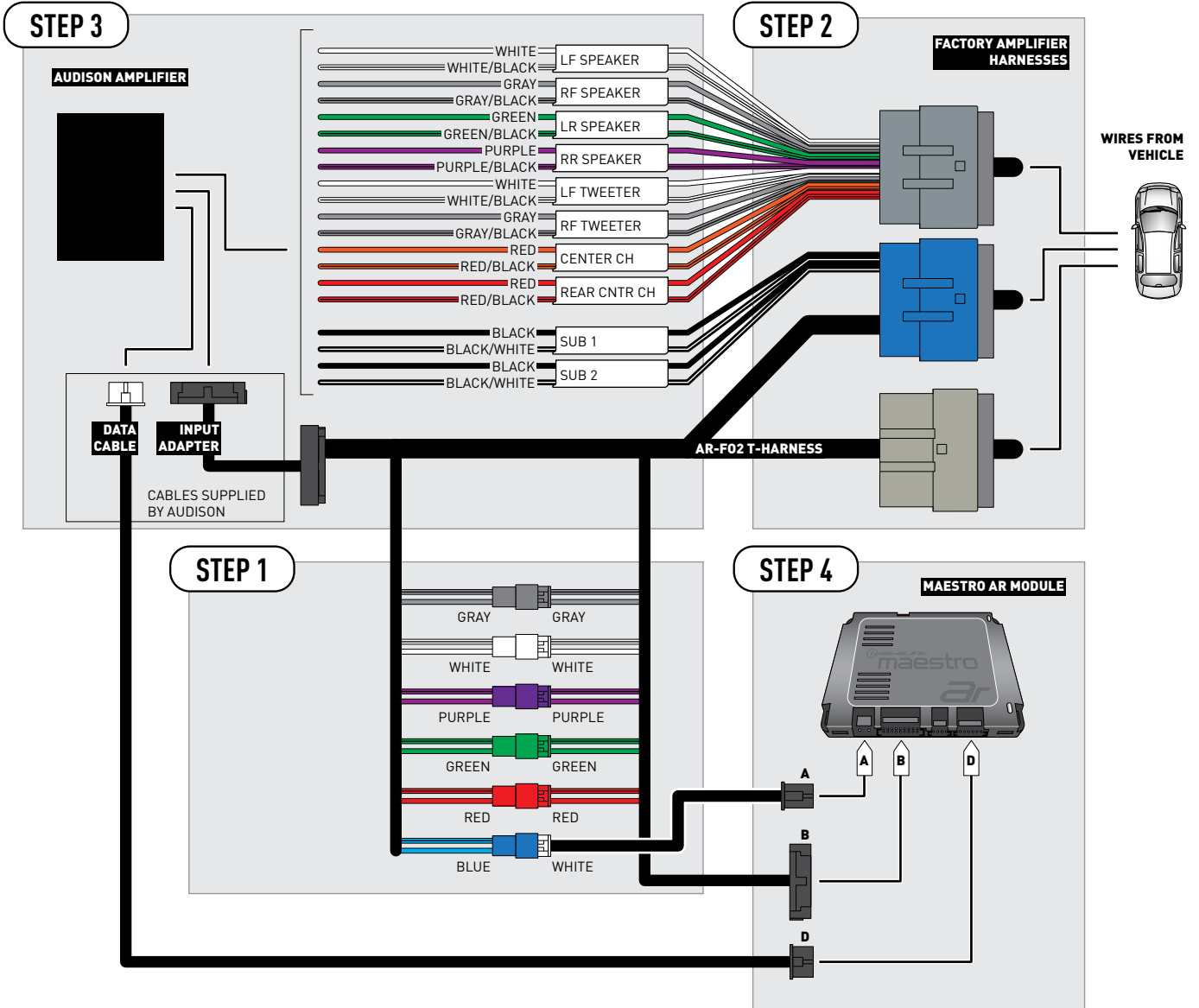
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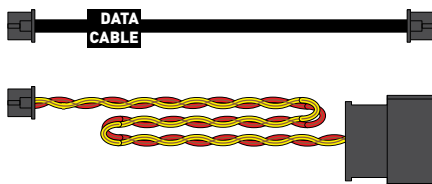
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# WIRING DIAGRAM



(1) NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LF TWEETER	White	Left Front Tweeter (+)
	White/Black	Left Front Tweeter (-)
RF SPEAKER	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RF TWEETER	Gray	Right Front Tweeter (+)
	Gray/Black	Right Front Tweeter (-)
LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Left front of luggage compartment



# INSTALL GUIDE FORD FUSION 2013-2016

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

## TABLE OF CONTENTS

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# NEED HELP?

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**



# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

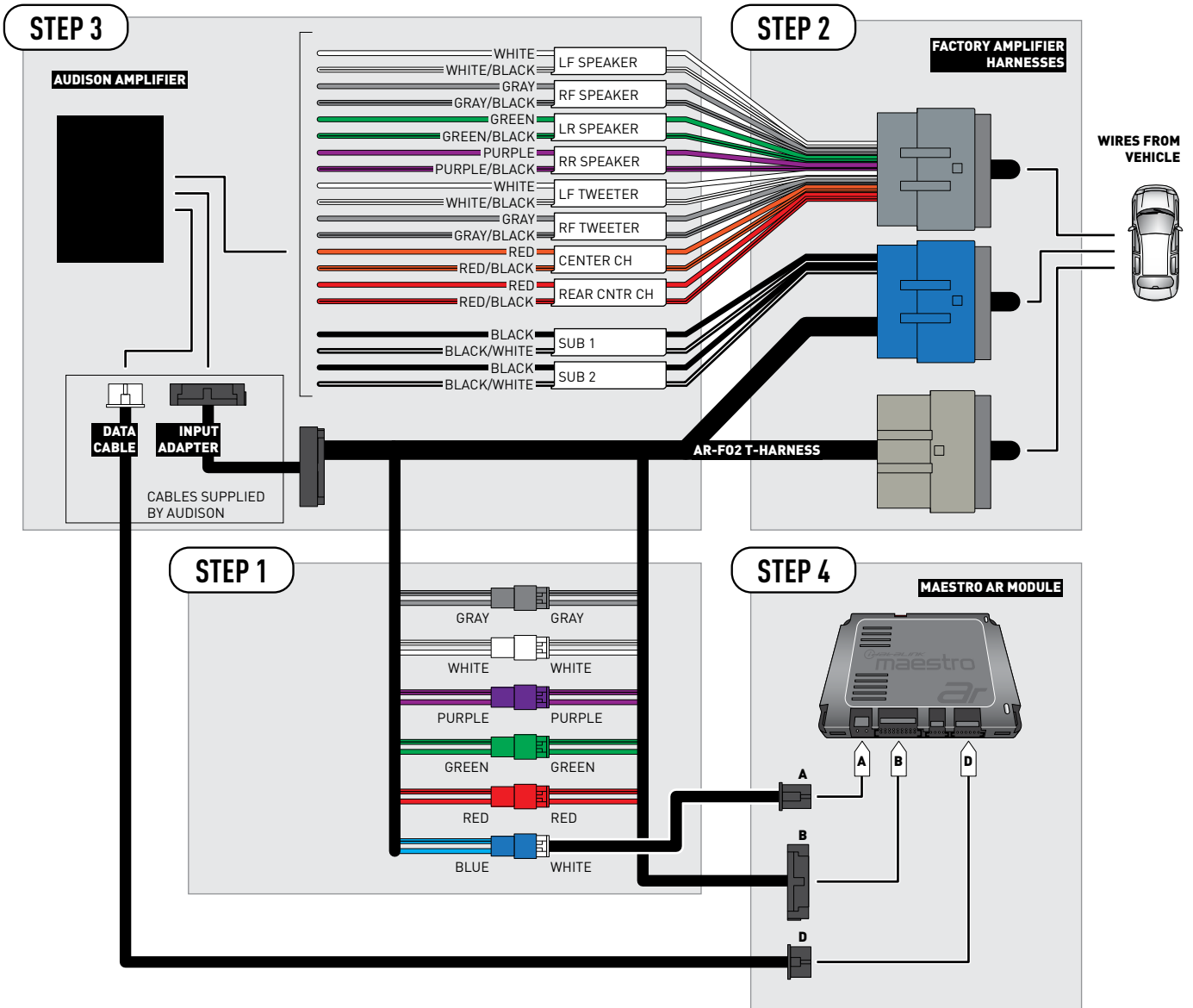
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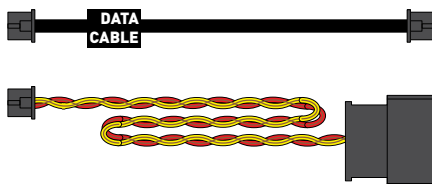
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# WIRING DIAGRAM



(1) NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Speaker (+)
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RF TWEETER	Gray	Right Front Tweeter (+)
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LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	Rear Center Channel (+)
	Red/Black	Rear Center Channel (-)
CENTER CH	Orange	Front Center Channel (+)
	Orange/Black	Front Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Right front of luggage compartment



# INSTALL GUIDE FORD MUSTANG WITH 12 SPEAKER SYSTEM 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME


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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Cut and isolate Yellow wire (pin 5) and Black wire (pin 16) of the blue connector of the aF02 T-Harness. (This step is not required if the aF02 harness is Version .9 or higher.)
- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

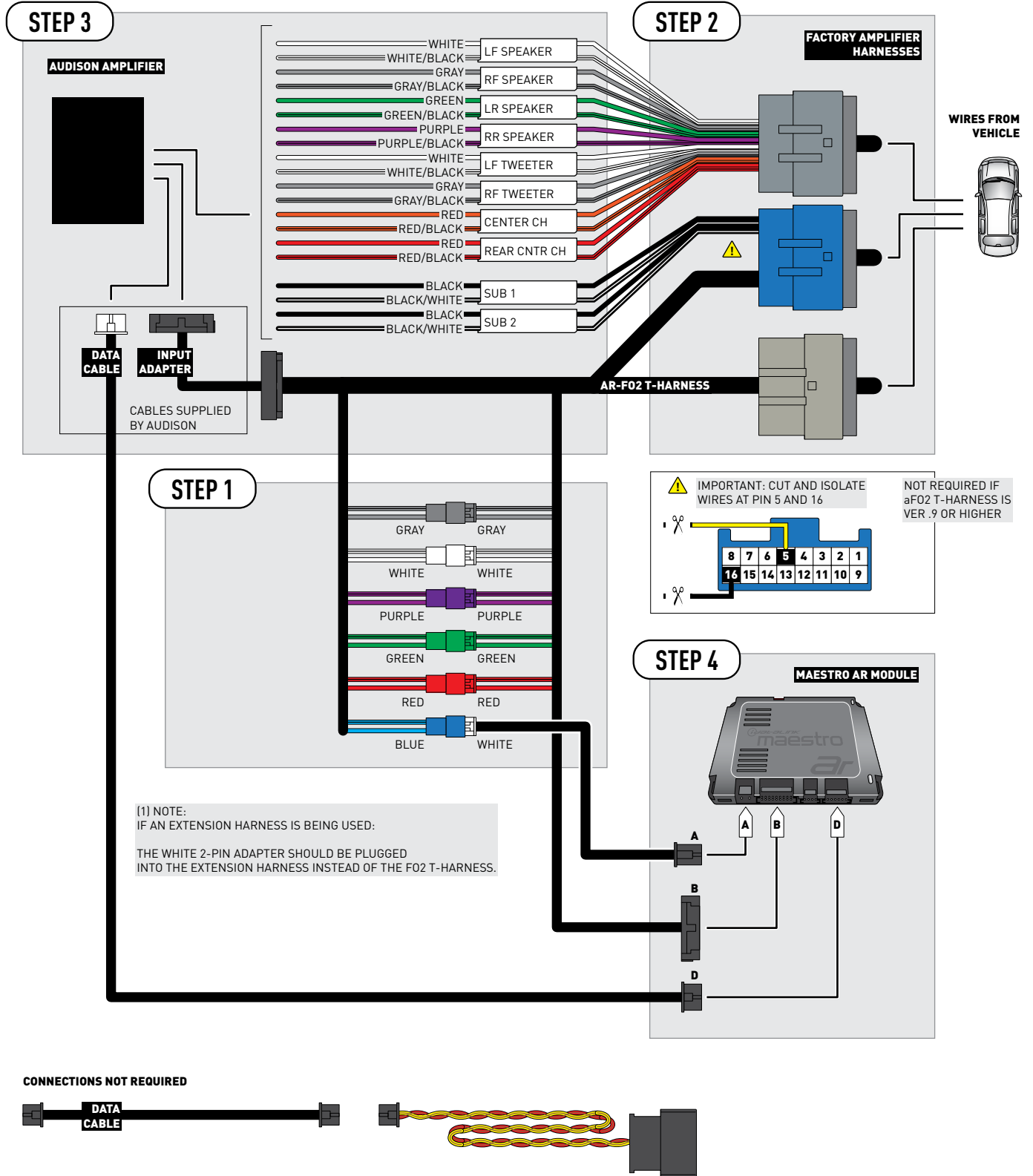
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# WIRING DIAGRAM





# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Woofer and Tweeter Speaker (+)
	White/Black	Left Front Woofer and Tweeter Speaker (-)
LF TWEETER	White	Left Front MID (+)
	White/Black	Left Front MID (-)
RF SPEAKER	Gray	Right Front Woofer and Tweeter Speaker (+)
	Gray/Black	Right Front Woofer and Tweeter Speaker (-)
RF TWEETER	Gray	Right Front MID (+)
	Gray/Black	Right Front MID (-)
LR SPEAKER	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
RR SPEAKER	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
REAR CNTR CH	Red	n/a
	Red/Black	n/a
CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Left Rear Subwoofer (+)
	Black/White	Left Rear Subwoofer (-)
SUB 2	Black	Right Rear Subwoofer (+)
	Black/White	Right Rear Subwoofer (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Above driver kick panel



# INSTALL GUIDE FORD TAURUS 2013-2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

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# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**

# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.**

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

**If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.**

### Note 2:

**The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.**

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

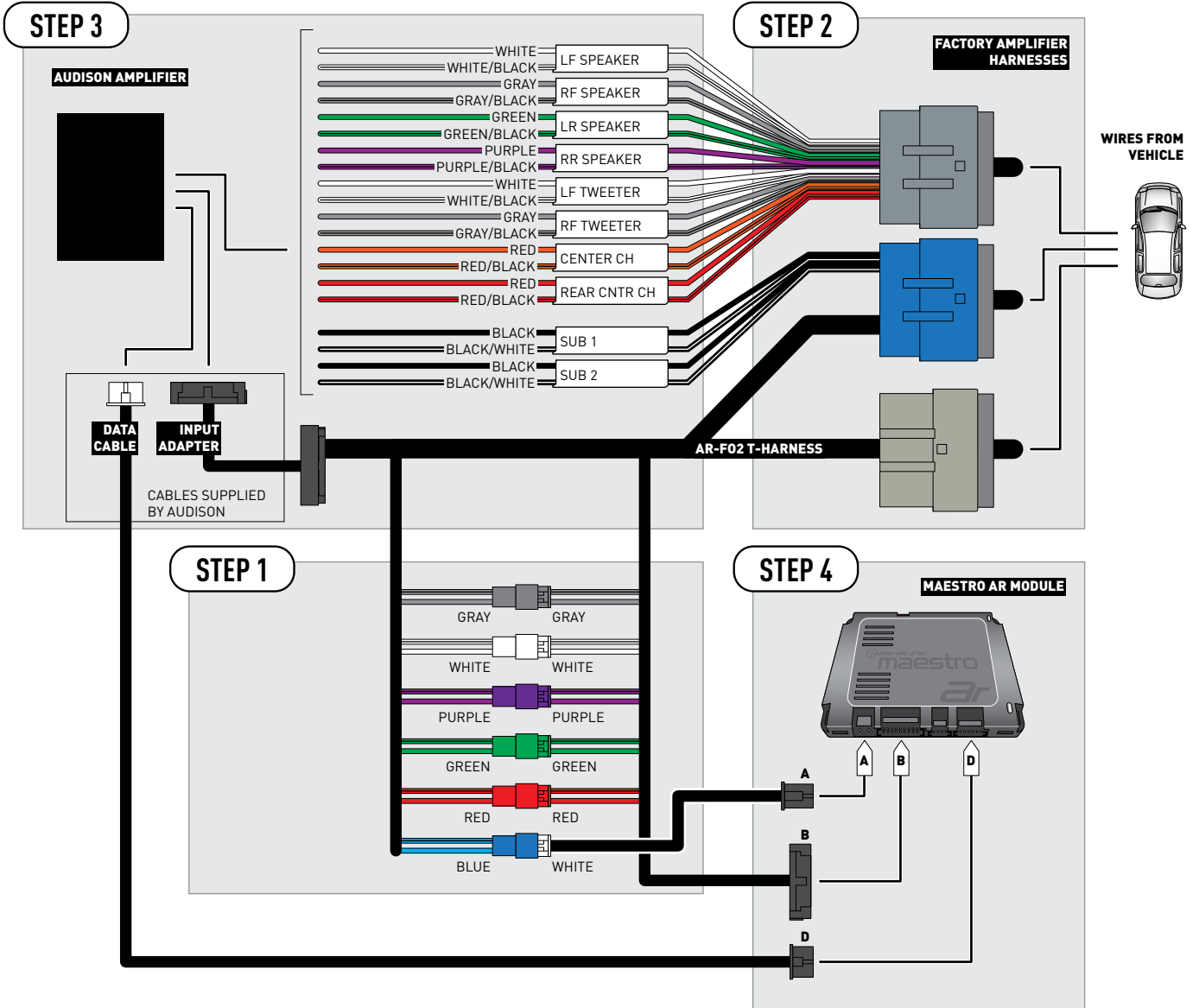
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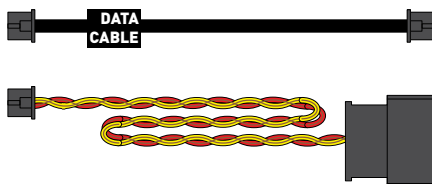
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# WIRING DIAGRAM



(1) NOTE:  
 IF AN EXTENSION HARNESS IS BEING USED:  
 THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



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Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Left front of luggage compartment



# INSTALL GUIDE FORD TAURUS LIMITED 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

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HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

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**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
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**All Front Speakers**
- Optical Input  
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# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

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### Note 1:

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- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

### Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

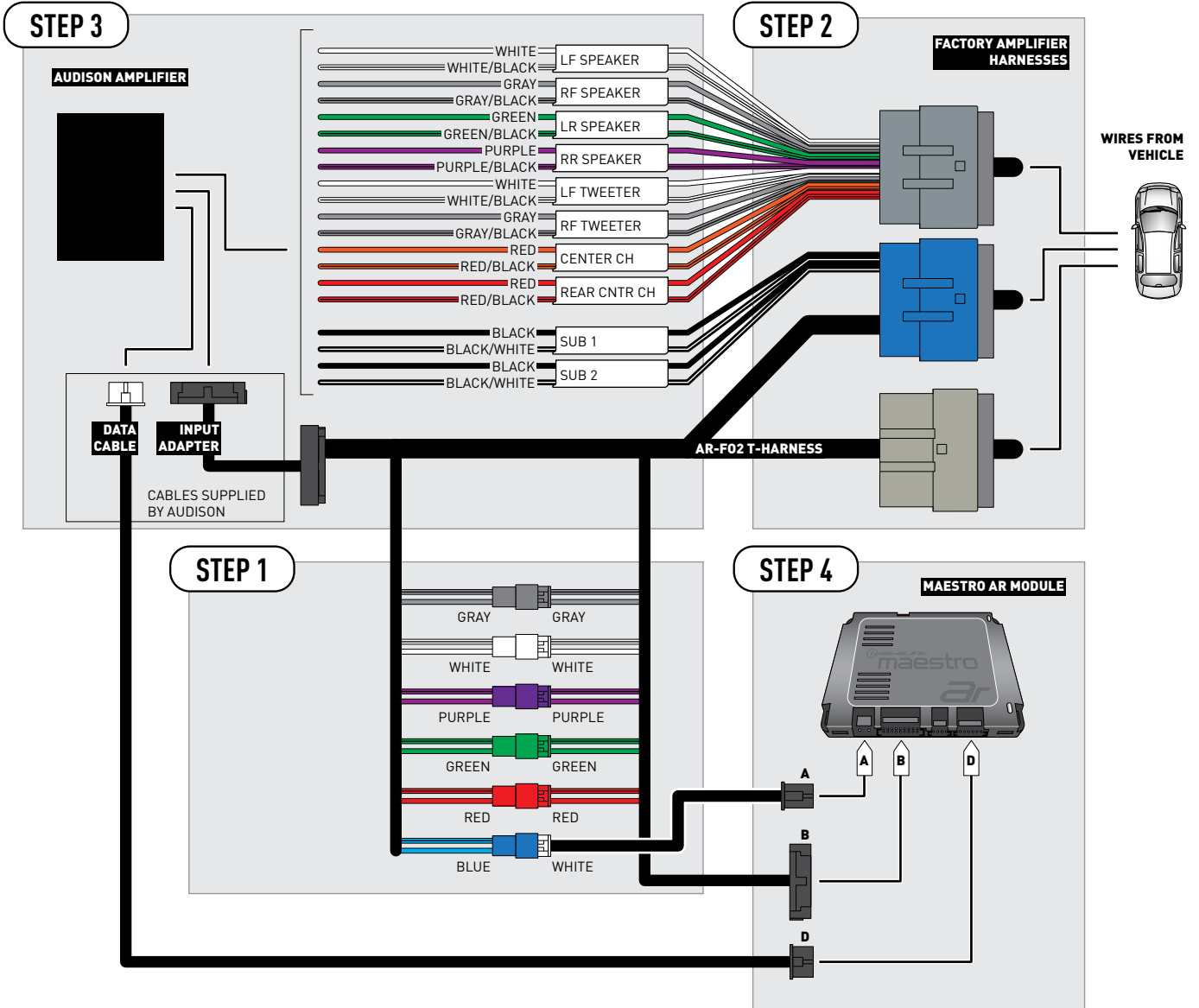
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

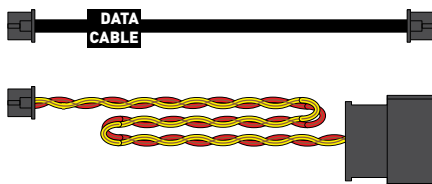
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# WIRING DIAGRAM



(1) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:  
THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE F02 T-HARNESS.

**CONNECTIONS NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LF SPEAKER	White	Left Front Tweeter (+)
	White/Black	Left Front Tweeter (-)
LF TWEETER	White	Right Front Tweeter (+)
	White/Black	Right Front Tweeter (-)
RF SPEAKER	Gray	N/A
	Gray/Black	N/A
RF TWEETER	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
LR SPEAKER	Green	Rear Center Speaker (+)
	Green/Black	Rear Center Speaker (-)
RR SPEAKER	Purple	Left Rear Speaker (+)
	Purple/Black	Left Rear Speaker (-)
REAR CNTR CH	Red	N/A
	Red/Black	N/A
CENTER CH	Orange	Center Channel (+)
	Orange/Black	Center Channel (-)
SUB 1	Black	Right Front Speaker (+)
	Black/White	Right Front Speaker (-)
SUB 2	Black	Right Rear Speaker (+)
	Black/White	Right Rear Speaker (-)

Note: The amplifier output colors and labels on the AR-F02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

## Amplifier location

### Left front of luggage compartment



# INSTALL GUIDE FORD TAURUS SHO 2019

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
WITHOUT CHANGING YOUR RADIO.



audison

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-FO2 Installation Harness

#### OPTIONAL ACCESSORIES

HRN-AR-EXT2  
HRN-AR-EXT4

#### PROGRAMMED FIRMWARE

ADS-AR-FOR02

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

# WELCOME


Congratulations on the purchase of your iDatalink Maestro AR Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

## TABLE OF CONTENTS

Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

# NEED HELP?

 1 866 427-2999

 [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

Chime volume adjustment will only work if the chimes are played by the vehicle speakers (some Ford vehicles generate the chime in the cluster or with dedicated speakers in the back of the vehicle).

### CHIME ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Activate door or parking assist chime.
- Adjust the chime volume using the volume knob.

### SCREEN & PANEL TOUCH BEEP ADJUSTMENT PROCEDURE:

- Set the audio source to OFF.
- Push any button on the panel or on the screen to generate the beep.
- Turn the volume knob quickly to adjust the sound.
- Repeat until the desired volume is set.

## MAESTRO AR PROGRAMMABLE FEATURES

These tone control features can be adjusted in the settings of the radio.

### FACTORY CONTROL FEATURES:

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
**Mid Frequency Output Gain**
- Treble Tone Control  
**High Frequency Output Gain**
- Surround Control  
**Bass Boost On/Off**
- Speed Compensated Volume  
**Preset Selection**

### AUDIO FEATURES:

- Center Channel Speaker  
**Not Used**
- Prompt Location  
**All Front Speakers**
- Optical Input  
**On (R3 or higher only)**



# INSTALLATION INSTRUCTIONS

## BEFORE INSTALLING

- Update the aftermarket amplifier with special firmware to make it compatible with Maestro AR.

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aF02 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the aF02 T-harness.

## STEP 3

- Connect the wires from the aF02 T-harness to the aftermarket amplifier.

### Note 1:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

### Note 2:

The amplifier output colors and labels on the aF02 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the connector from the aF02 T-Harness into the female adapter (sold separately by Audison). Plug the adapter into the aftermarket amplifier.
- Plug the Data cable (sold separately by Audison) to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

### Note 3:

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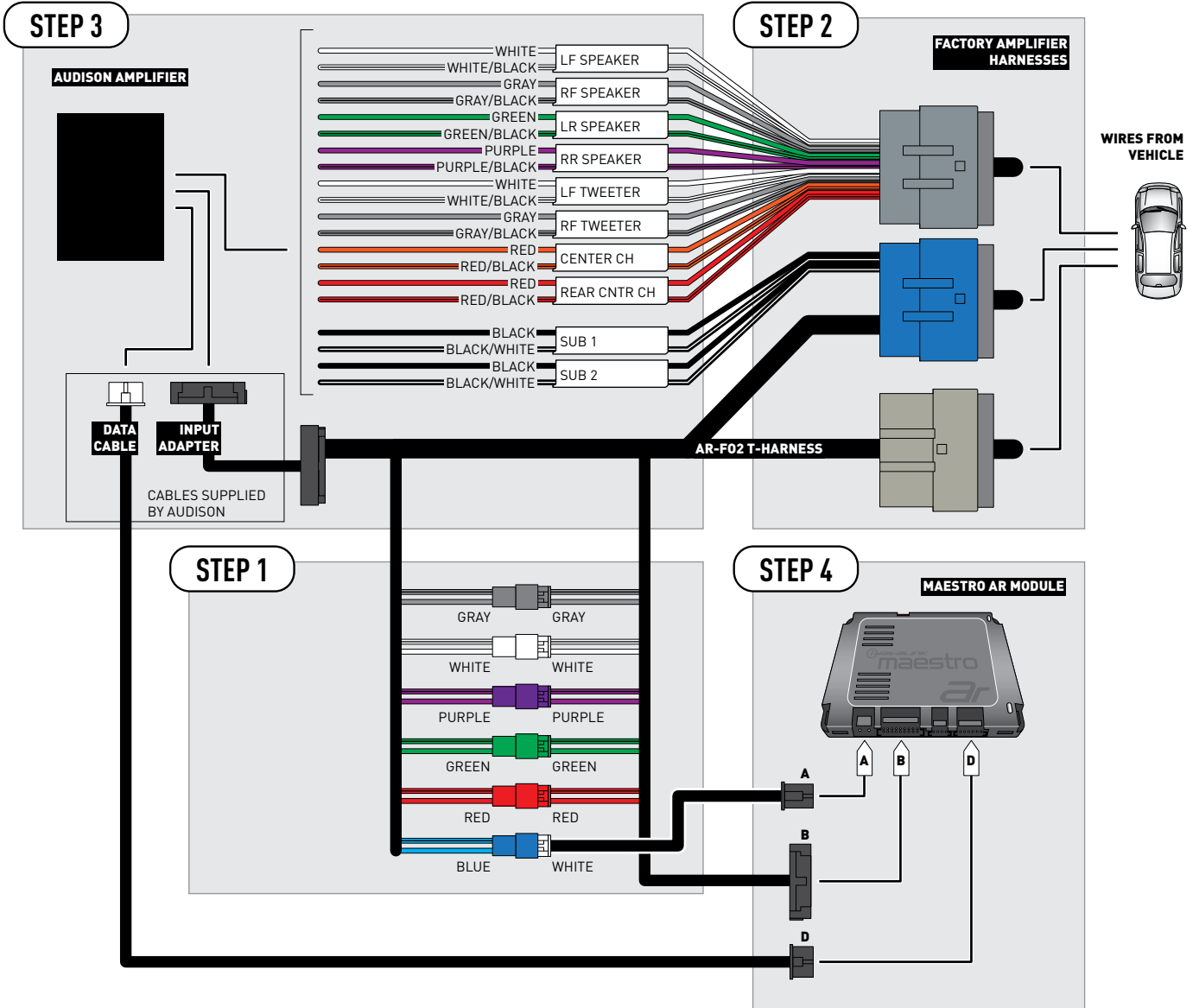
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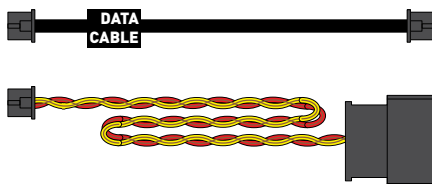
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# WIRING DIAGRAM



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## Amplifier location

### Left front of luggage compartment