



## 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 CHRYSLER 300 WITH HARMAN KARDON 2017

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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

# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

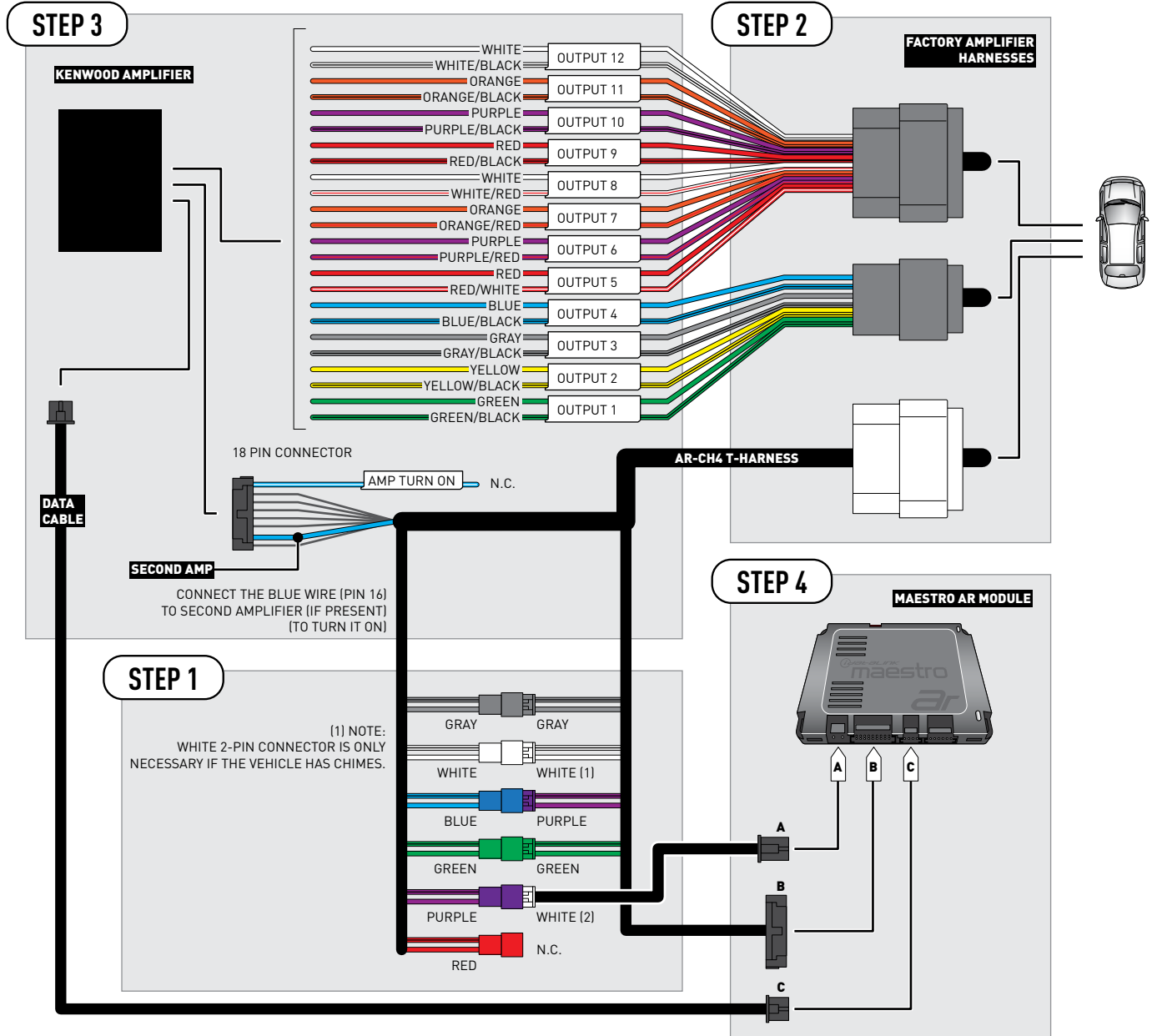
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

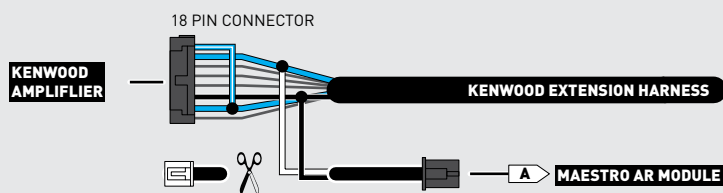
- Connect all the harnesses to the Maestro AR module.

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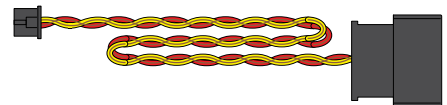
# WIRING DIAGRAM



- (2) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Front Tweeter (+)
	Green/Black	Left Front Tweeter (-)
OUTPUT 2	Yellow	Right Front Tweeter (+)
	Yellow/Black	Right Front Tweeter (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Subwoofer 1 (+)
	Red/White	Subwoofer 1 (-)
OUTPUT 6	Purple	Left Rear Tweeter (+)
	Purple/Red	Left Rear Tweeter (-)
OUTPUT 7	Orange	Right Rear Tweeter (+)
	Orange/Red	Right Rear Tweeter (-)
OUTPUT 8	White	Center (+)
	White/Red	Center (-)
OUTPUT 9	Red	Right Rear Deck Speaker (+)
	Red/Black	Right Rear Deck Speaker (-)
OUTPUT 10	Purple	Left Rear Deck Speaker (+)
	Purple/Black	Left Rear Deck Speaker (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
	White/Black	Left Rear Speaker (-)

**Amplifier location: Left end of dash**



# INSTALL GUIDE CHRYSLER PACIFICA 2017-2018

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



## KENWOOD

### PRODUCTS REQUIRED

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iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
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### PROGRAMMED FIRMWARE

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- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 T-harness to the aftermarket amplifier.

### Note 1:

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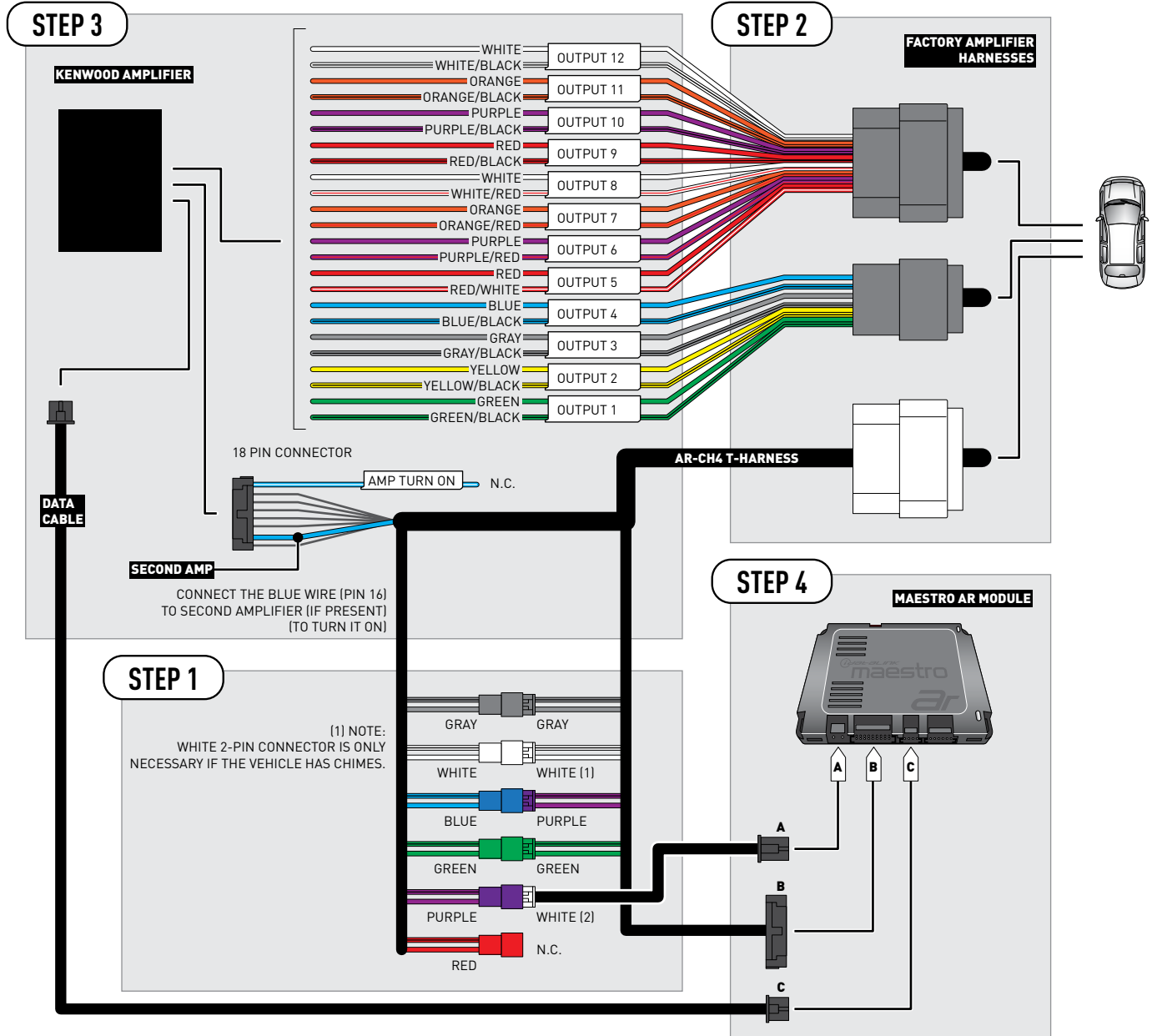
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- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

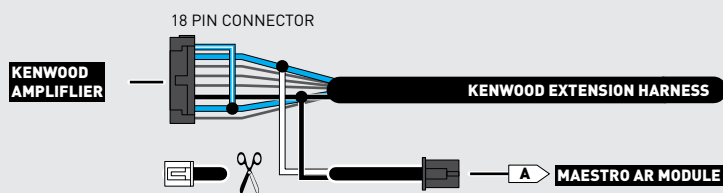
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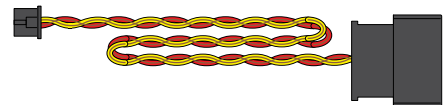
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  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
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**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Front Tweeter (+)
	Green/Black	Left Front Tweeter (-)
OUTPUT 2	Yellow	Right Front Tweeter (+)
	Yellow/Black	Right Front Tweeter (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Right Hatch Subwoofer (+)
	Red/White	Right Hatch Subwoofer (-)
OUTPUT 6	Purple	Left Hatch Subwoofer (+)
	Purple/Red	Left Hatch Subwoofer (-)
OUTPUT 7	Orange	Left and Right Rear Mono Tweeter (+)
	Orange/Red	Left and Right Rear Mono Tweeter (-)
OUTPUT 8	White	Center (+)
	White/Red	Center (-)
OUTPUT 9	Red	Right Rear Door Speaker (+)
	Red/Black	Right Rear Door Speaker (-)
OUTPUT 10	Purple	Left Rear Door Speaker (+)
	Purple/Black	Left Rear Door Speaker (-)
OUTPUT 11	Orange	Right Rear Door Tweeter (+)
	Orange/Black	Right Rear Door Tweeter (-)
OUTPUT 12	White	Left Rear Door Tweeter (+)
	White/Black	Left Rear Door Tweeter (-)

**Amplifier location: Left quarter panel**



# INSTALL GUIDE DODGE CHALLENGER WITH HARMAN KARDON 2016-2018

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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# WELCOME


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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

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- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**



# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

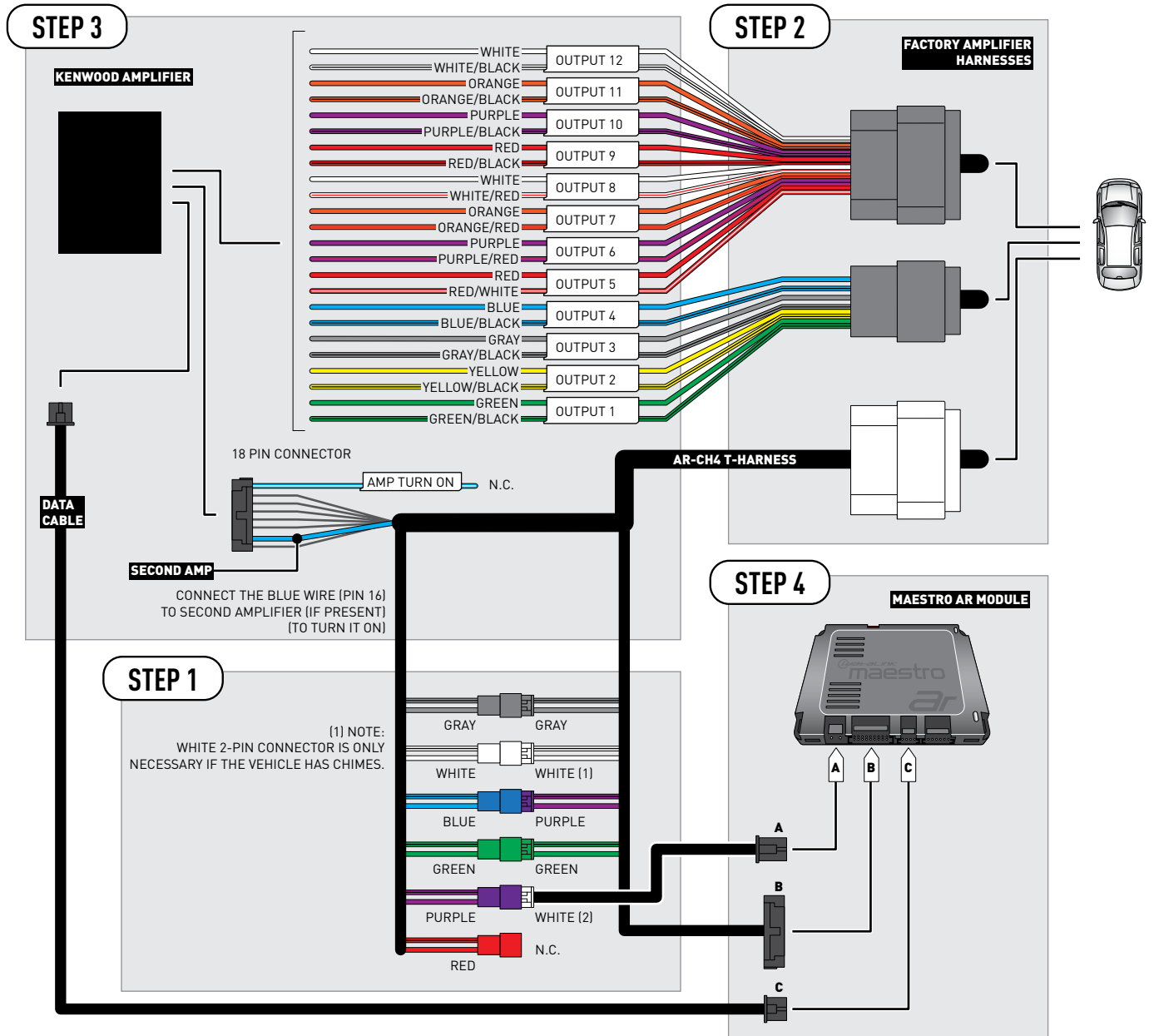
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

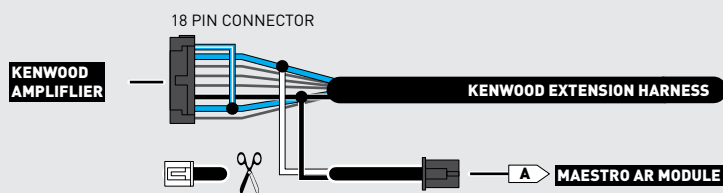
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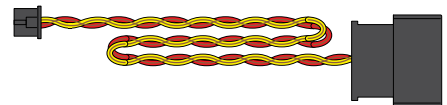
# WIRING DIAGRAM



- (2) NOTE:  
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  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Front Tweeter (+)
	Green/Black	Left Front Tweeter (-)
OUTPUT 2	Yellow	Right Front Tweeter (+)
	Yellow/Black	Right Front Tweeter (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Subwoofer 1 (+)
	Red/White	Subwoofer 1 (-)
OUTPUT 6	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
OUTPUT 7	Orange	Subwoofer 3 (+)
	Orange/Red	Subwoofer 3 (-)
OUTPUT 8	White	Center (+)
	White/Red	Center (-)
OUTPUT 9	Red	Right Rear Speaker (+)
	Red/Black	Right Rear Speaker (-)
OUTPUT 10	Purple	Left Rear Speaker (+)
	Purple/Black	Left Rear Speaker (-)
OUTPUT 11	Orange	Right Rear Tweeter (+)
	Orange/Black	Right Rear Tweeter (-)
OUTPUT 12	White	Left Rear Tweeter (+)
	White/Black	Left Rear Tweeter (-)

**Amplifier location: Driver kick panel**



# INSTALL GUIDE DODGE CHARGER WITH HARMAN KARDON 2016-2018

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
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### OPTIONAL ACCESSORIES

Extension harness provided with  
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# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

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- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

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### Note 1:

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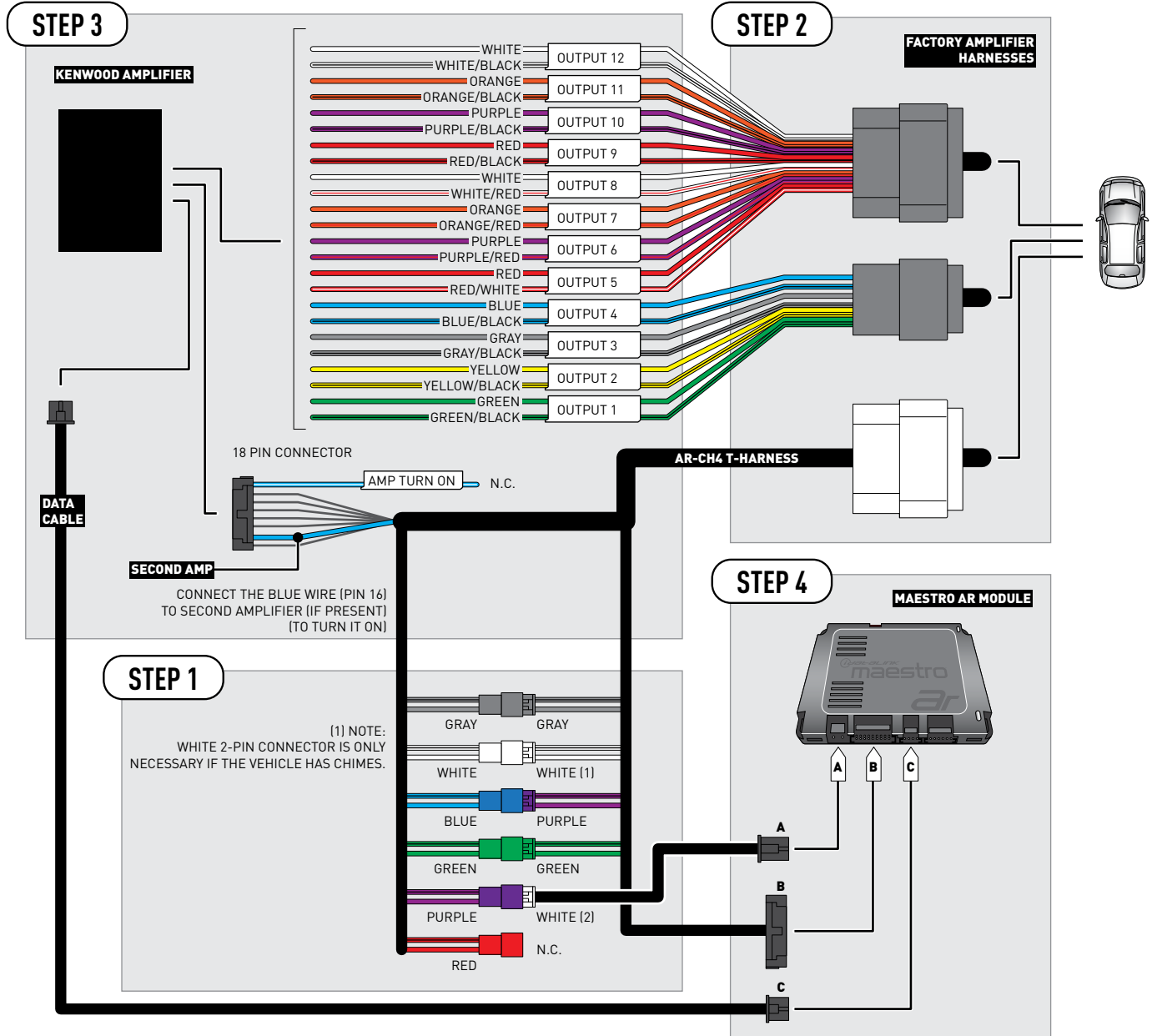
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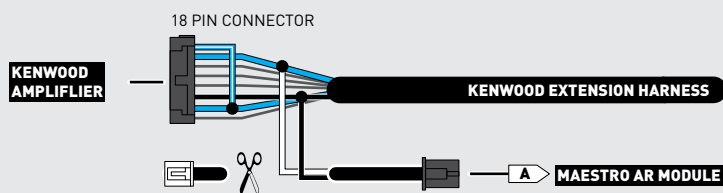
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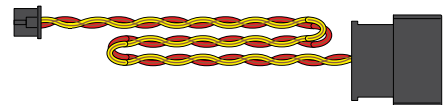
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**CONNECTION NOT REQUIRED**





# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
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OUTPUT 7	Orange	Right Rear Tweeter (+)
	Orange/Red	Right Rear Tweeter (-)
OUTPUT 8	White	Center (+)
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	Orange/Black	Right Rear Tweeter (-)
OUTPUT 12	White	Left Rear Tweeter (+)
	White/Black	Left Rear Tweeter (-)

**Amplifier location: Left end of dash**



# INSTALL GUIDE DODGE VIPER WITH HARMAN KARDON 2016-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,  
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**Subwoofer Volume**
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Not applicable
- Treble Tone Control  
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- Surround Control  
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- Speed Compensated Volume  
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## STEP 1

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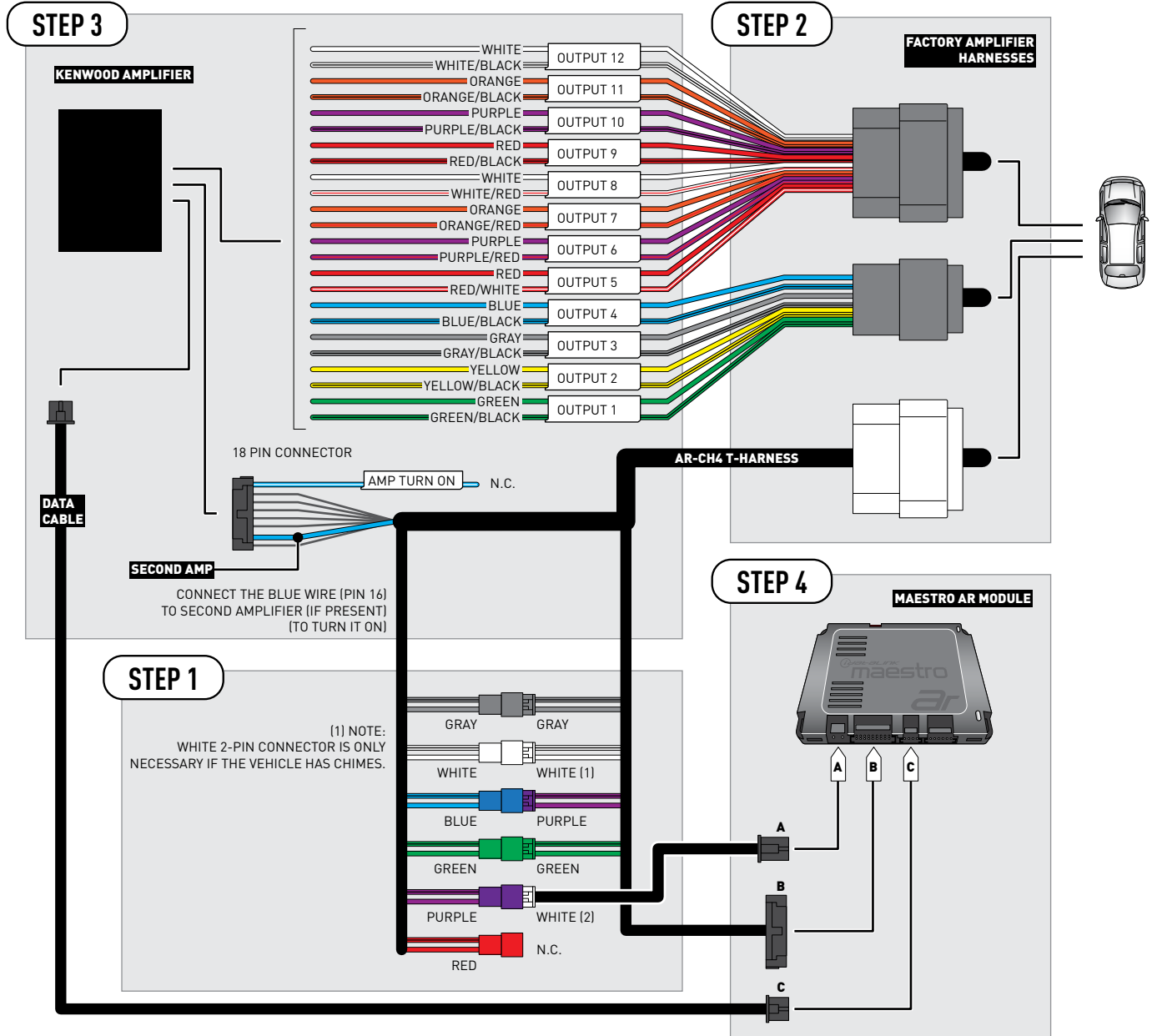
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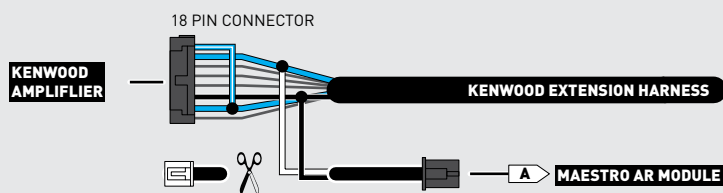
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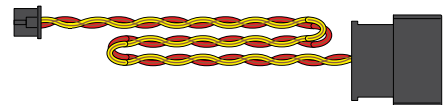
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**IF AN EXTENSION HARNESS IS BEING USED:**
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2 ) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Front Tweeter (+)
	Green/Black	Left Front Tweeter (-)
OUTPUT 2	Yellow	Right Front Tweeter (+)
	Yellow/Black	Right Front Tweeter (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	~
	Red/White	~
OUTPUT 6	Purple	Subwoofer 3 (-)
	Purple/Red	Subwoofer 3 (-)
OUTPUT 7	Orange	Subwoofer 4 (-)
	Orange/Red	Subwoofer 4 (-)
OUTPUT 8	White	Center (+)
	White/Red	Center (-)
OUTPUT 9	Red	Subwoofer 1 (-)
	Red/Black	Subwoofer 1 (-)
OUTPUT 10	Purple	Subwoofer 2 (-)
	Purple/Black	Subwoofer 2 (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
	White/Black	Left Rear Speaker (-)

**Amplifier location: Right rear of trunk floor**



# INSTALL GUIDE JEEP GRAND CHEROKEE WITH HARMAN KARDON 2015-2018

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

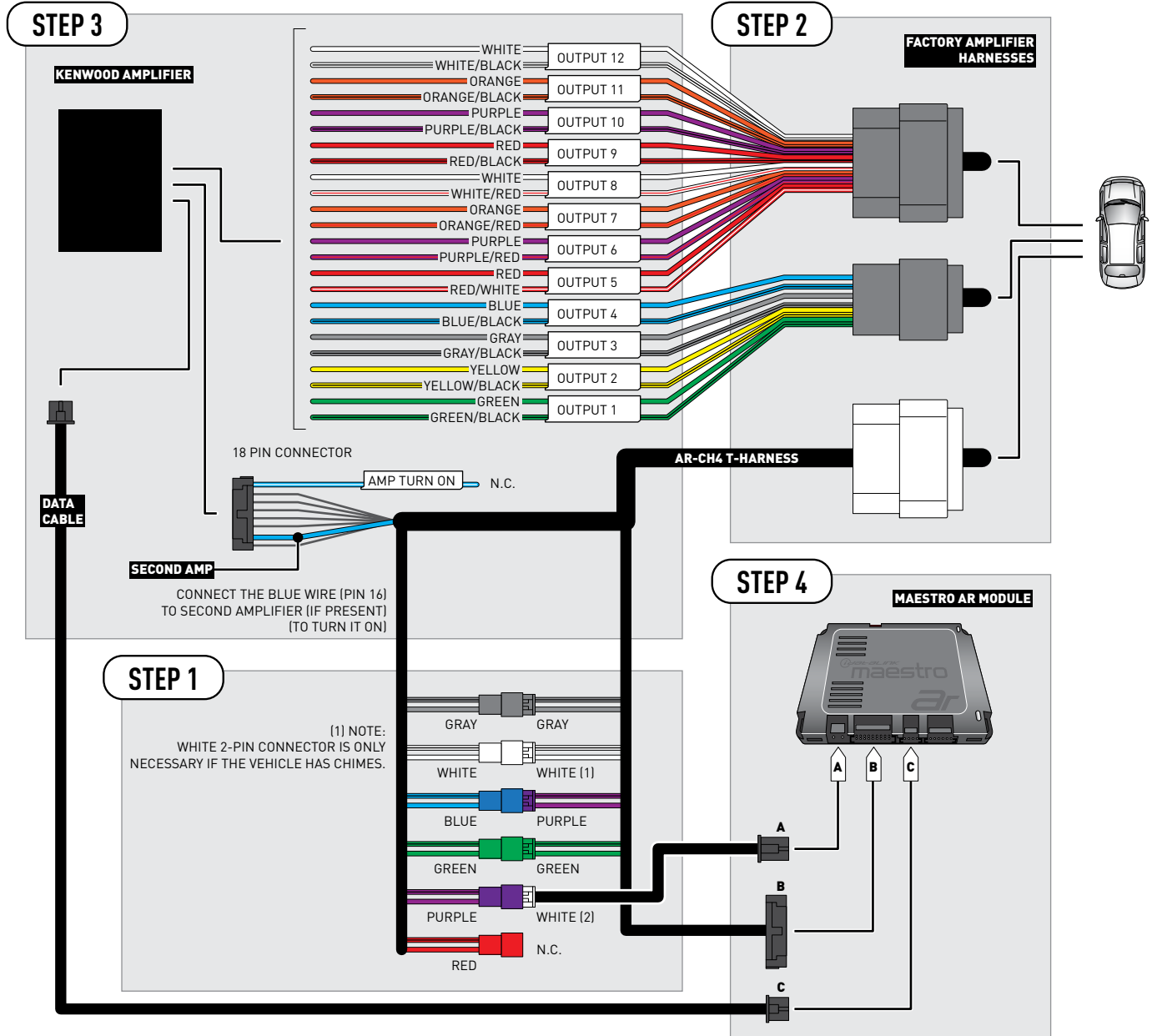
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

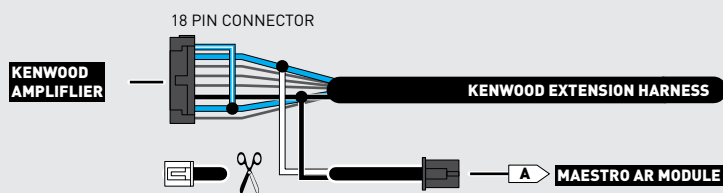
- Connect all the harnesses to the Maestro AR module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

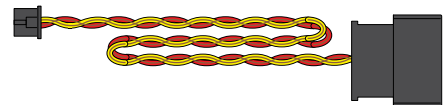
# WIRING DIAGRAM



- (2) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2 ) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Front Tweeter (+)
	Green/Black	Left Front Tweeter (-)
OUTPUT 2	Yellow	Right Front Tweeter (+)
	Yellow/Black	Right Front Tweeter (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	~
	Red/White	~
OUTPUT 6	Purple	Left Rear Tweeter (+)
	Purple/Red	Left Rear Tweeter (-)
OUTPUT 7	Orange	Right Rear Tweeter (+)
	Orange/Red	Right Rear Tweeter (-)
OUTPUT 8	White	Center (+)
	White/Red	Center (-)
OUTPUT 9	Red	Subwoofer 1 (-)
	Red/Black	Subwoofer 1 (-)
OUTPUT 10	Purple	Subwoofer 2 (-)
	Purple/Black	Subwoofer 2 (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
	White/Black	Left Rear Speaker (-)

**Amplifier location: Rear cargo area floor**



# INSTALL GUIDE JEEP WRANGLER JL WITH ALPINE 2018

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



KENWOOD

#### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

#### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

#### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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

# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**



# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

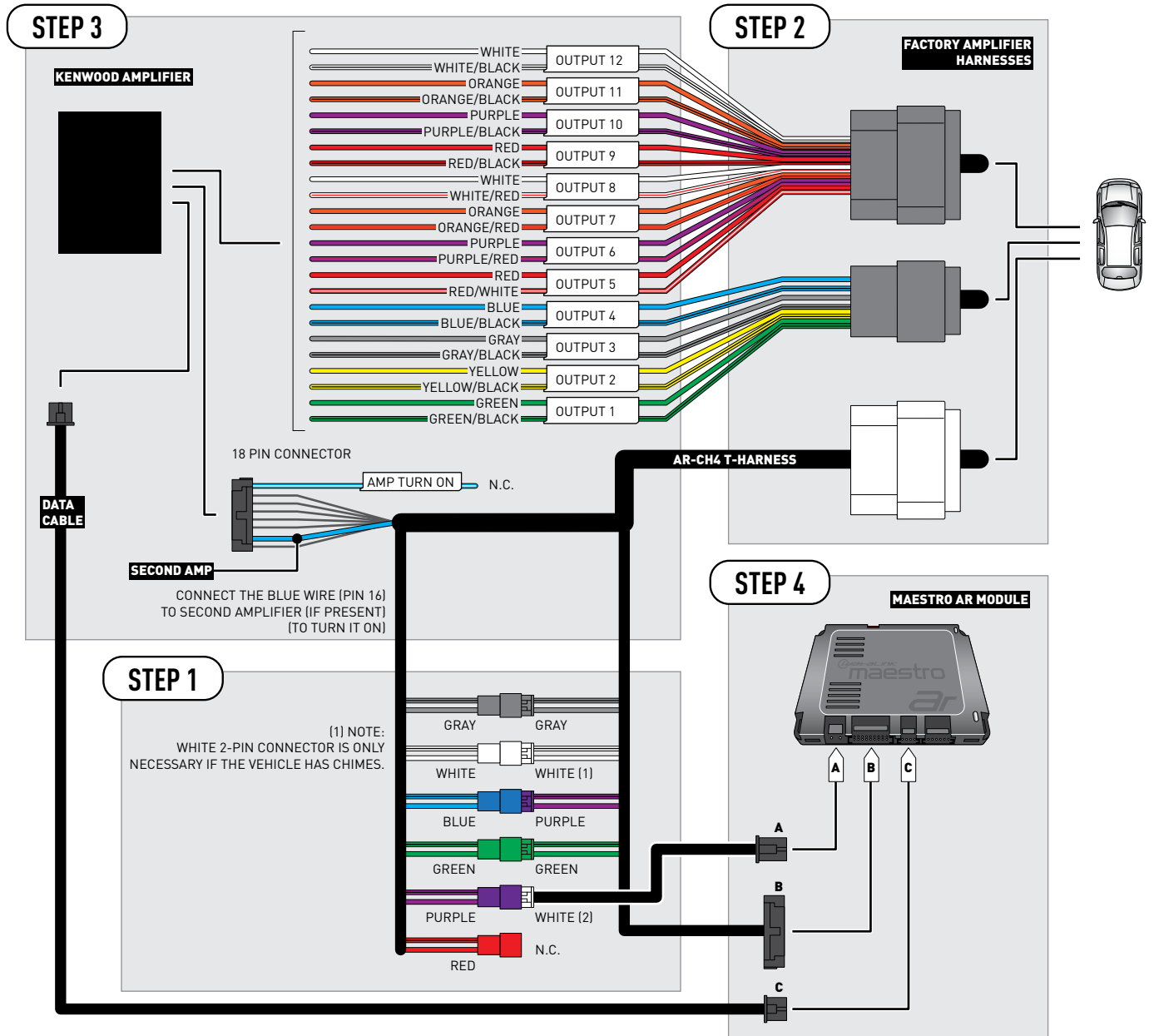
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

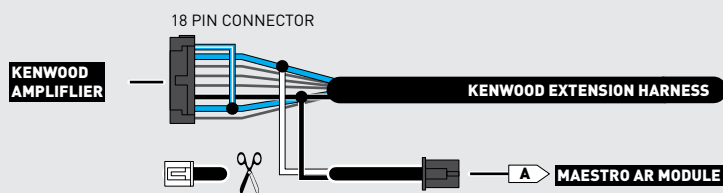
- Connect all the harnesses to the Maestro AR module.

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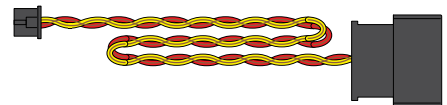
# WIRING DIAGRAM



- (2) NOTE:  
**IF AN EXTENSION HARNESS IS BEING USED:**
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Instrument Panel Speaker (+)
	Green/Black	Left Instrument Panel Speaker (-)
OUTPUT 2	Yellow	Right Instrument Panel Speaker (+)
	Yellow/Black	Right Instrument Panel Speaker (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Subwoofer 4 (+)
	Red/White	Subwoofer 4 (-)
OUTPUT 6	Purple	Subwoofer 3 (+)
	Purple/Red	Subwoofer 3 (-)
OUTPUT 7	Orange	Right Rear Tweeter (+)
	Orange/Red	Right Rear Tweeter (-)
OUTPUT 8	White	Rear Left Tweeter (+)
	White/Red	Rear Left Tweeter (-)
OUTPUT 9	Red	Subwoofer 2 (-)
	Red/Black	Subwoofer 2 (-)
OUTPUT 10	Purple	Subwoofer 1 (-)
	Purple/Black	Subwoofer 1 (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
	White/Black	Left Rear Speaker (-)

**Amplifier location: Above driver kick panel**



# INSTALL GUIDE MASERATI Ghibli WITH HARMAN KARDON 2015-2017

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

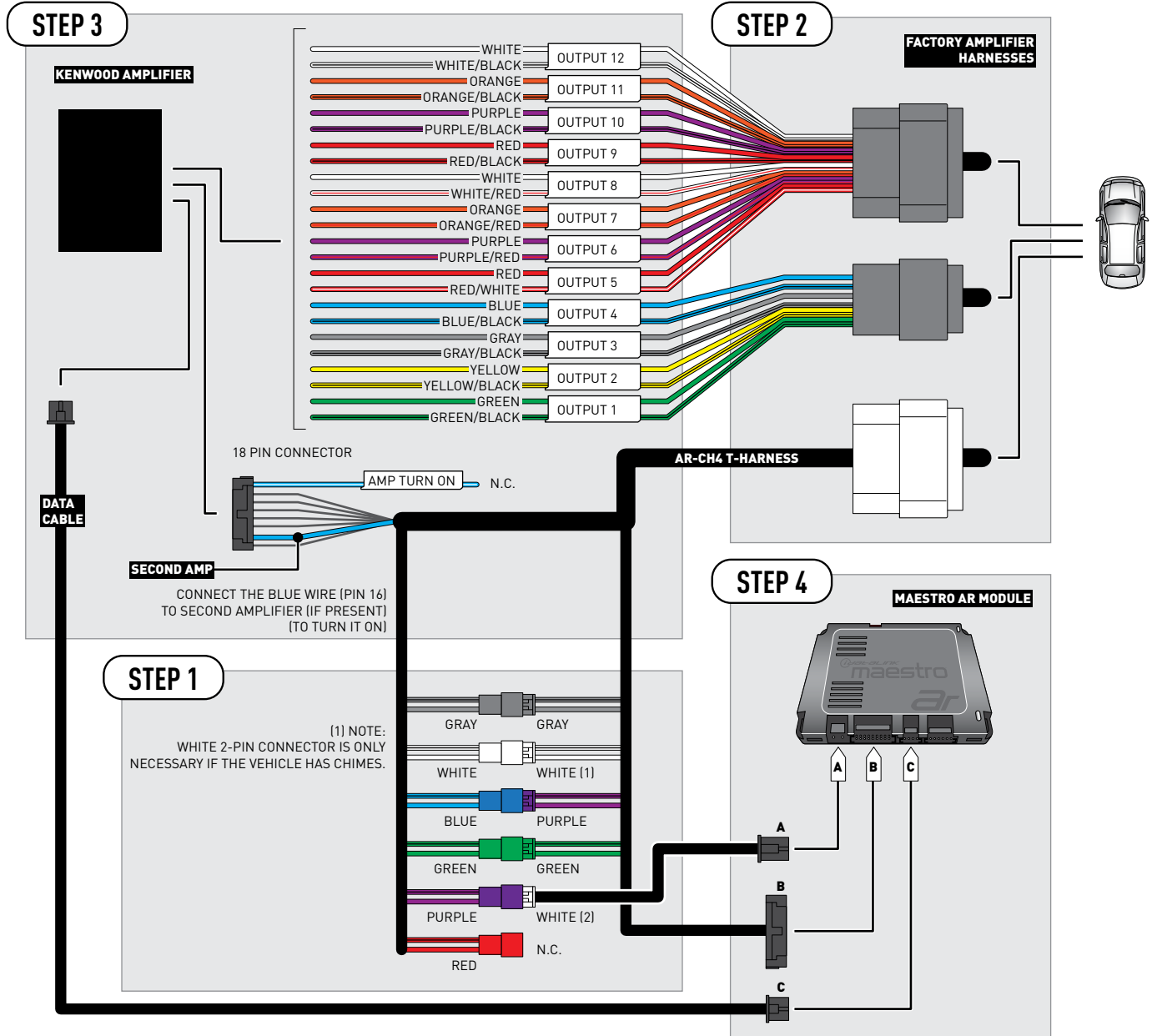
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

- Connect all the harnesses to the Maestro AR module.

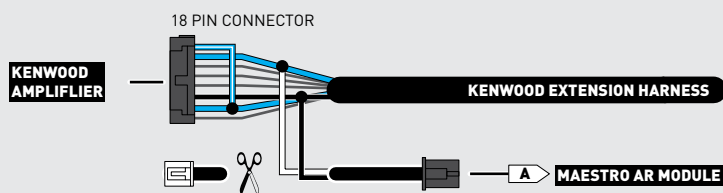
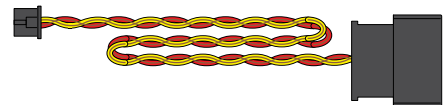
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

# WIRING DIAGRAM



- (2) NOTE:  
**IF AN EXTENSION HARNESS IS BEING USED:**
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2 ) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).

**CONNECTION NOT REQUIRED**





# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	~
	Green/Black	~
OUTPUT 2	Yellow	Right Rear Door Speaker (+)
	Yellow/Black	Right Rear Door Speaker (-)
OUTPUT 3	Gray	~
	Gray/Black	~
OUTPUT 4	Blue	Left Rear Door Speaker (+)
	Blue/Black	Left Rear Door Speaker (-)
OUTPUT 5	Red	Left Front Mid Speaker (+)
	Red/White	Left Front Mid Speaker (-)
OUTPUT 6	Purple	Left Front Tweeter (+)
	Purple/Red	Left Front Tweeter (-)
OUTPUT 7	Orange	Subwoofer 1 (-)
	Orange/Red	Subwoofer 1 (-)
OUTPUT 8	White	Center (+)
	White/Red	Center (-)
OUTPUT 9	Red	Right Front Mid Speaker (+)
	Red/Black	Right Front Mid Speaker (-)
OUTPUT 10	Purple	Right Front Tweeter (+)
	Purple/Black	Right Front Tweeter (-)
OUTPUT 11	Orange	~
	Orange/Black	~
OUTPUT 12	White	Subwoofer 2 (-)
	White/Black	Subwoofer 2 (-)

**Amplifier location: Left quarter panel**



# INSTALL GUIDE RAM 1500 WITH ALPINE 2019

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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

# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

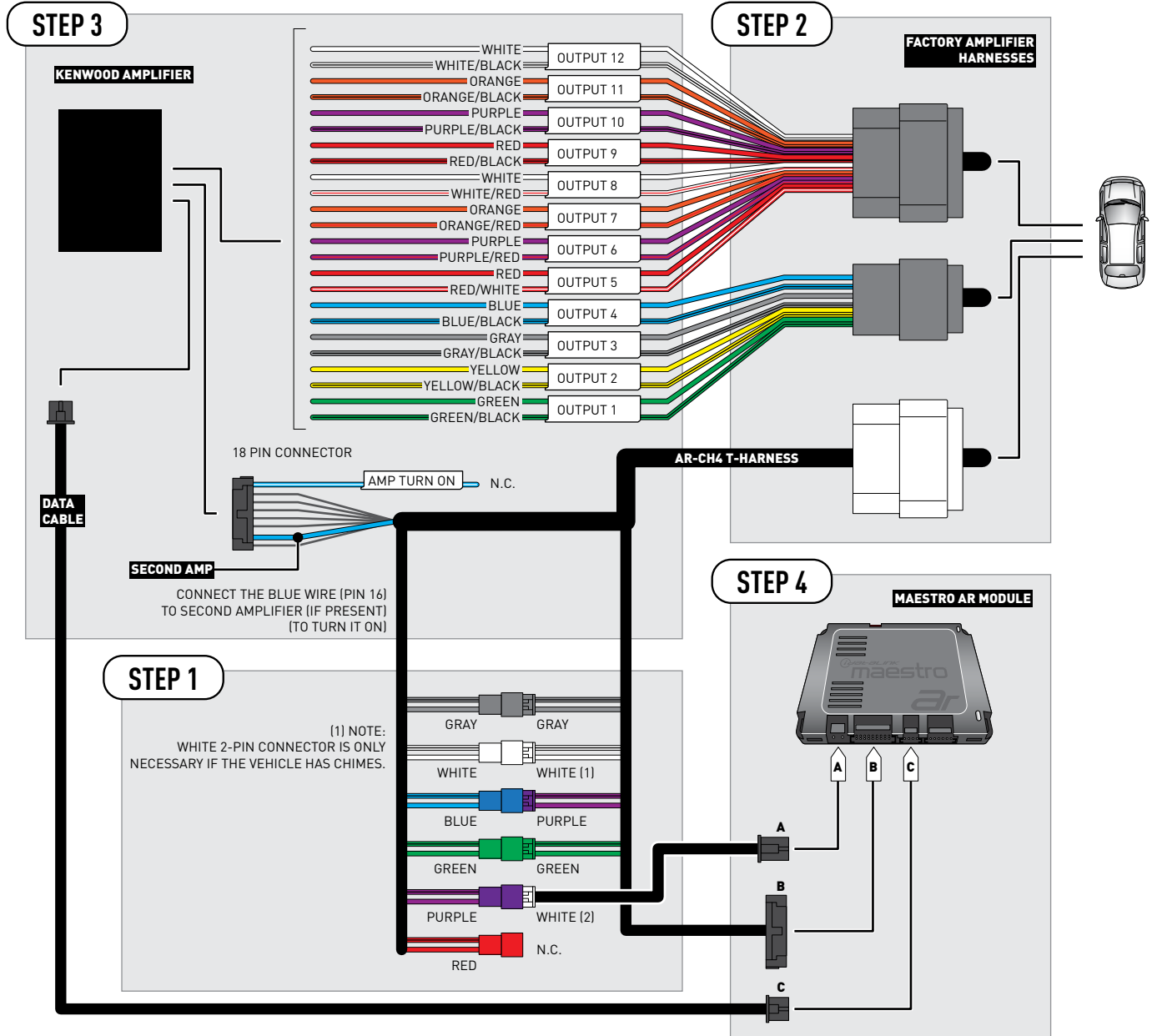
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

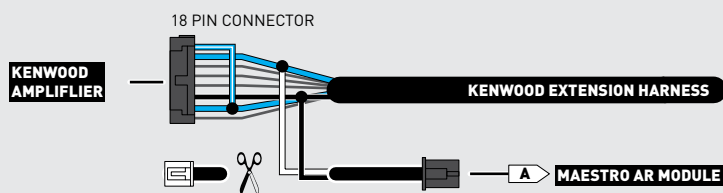
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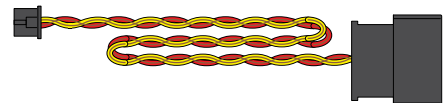
# WIRING DIAGRAM



- (2) NOTE:  
**IF AN EXTENSION HARNESS IS BEING USED:**
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2 ) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Instrument Panel Speaker (+)
	Green/Black	Left Instrument Panel Speaker (-)
OUTPUT 2	Yellow	Right Instrument Panel Speaker (+)
	Yellow/Black	Right Instrument Panel Speaker (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Subwoofer 1 (+)
	Red/White	Subwoofer 1 (-)
OUTPUT 6	Purple	Left Front Door Tweeter (+)
	Purple/Red	Left Front Door Tweeter (-)
OUTPUT 7	Orange	Right Front Door Tweeter (+)
	Orange/Red	Right Front Door Tweeter (-)
OUTPUT 8	White	Center Channel Speaker (+)
	White/Red	Center Channel Speaker (-)
OUTPUT 9	Red	Right Rear Door Tweeter (+)
	Red/Black	Right Rear Door Tweeter (-)
OUTPUT 10	Purple	Left Rear Door Tweeter (+)
	Purple/Black	Left Rear Door Tweeter (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
	White/Black	Left Rear Speaker (-)

**Amplifier location: Under driver seat**



# INSTALL GUIDE RAM 1500 WITH HARMAN KARDON 2019

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



## KENWOOD

### PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface  
iDatalink Maestro AR-CH4 Installation Harness

### OPTIONAL ACCESSORIES

Extension harness provided with  
Kenwood amplifier

### PROGRAMMED FIRMWARE

ADS-AR-CHR03

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

# SETTINGS AND FEATURES

## CHIME ADJUSTMENT

This is only needed when the vehicle supports chimes (ex: Parking assist, Blind spot detection, Lane sense, etc.).

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio will have 3 volume settings for parking assist (Low/Med/High), it is recommended to choose Medium volume.
- Activate any chime (ex: rear parking assist).
- Adjust the chime volume using the volume knob.

## MAESTRO AR PROGRAMMABLE FEATURES

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

- Bass Tone Control  
**Subwoofer Volume**
- Mid Tone Control  
Not applicable
- Treble Tone Control  
**Tweeter Output Gain**
- Surround Control  
Not applicable
- Speed Compensated Volume  
**None**

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the AR-CH4 T-harness as shown on the wiring diagram.

## STEP 2

- Connect the factory amplifier harnesses to the AR-CH4 T-harness.

## STEP 3

- Connect the wires from the AR-CH4 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.**

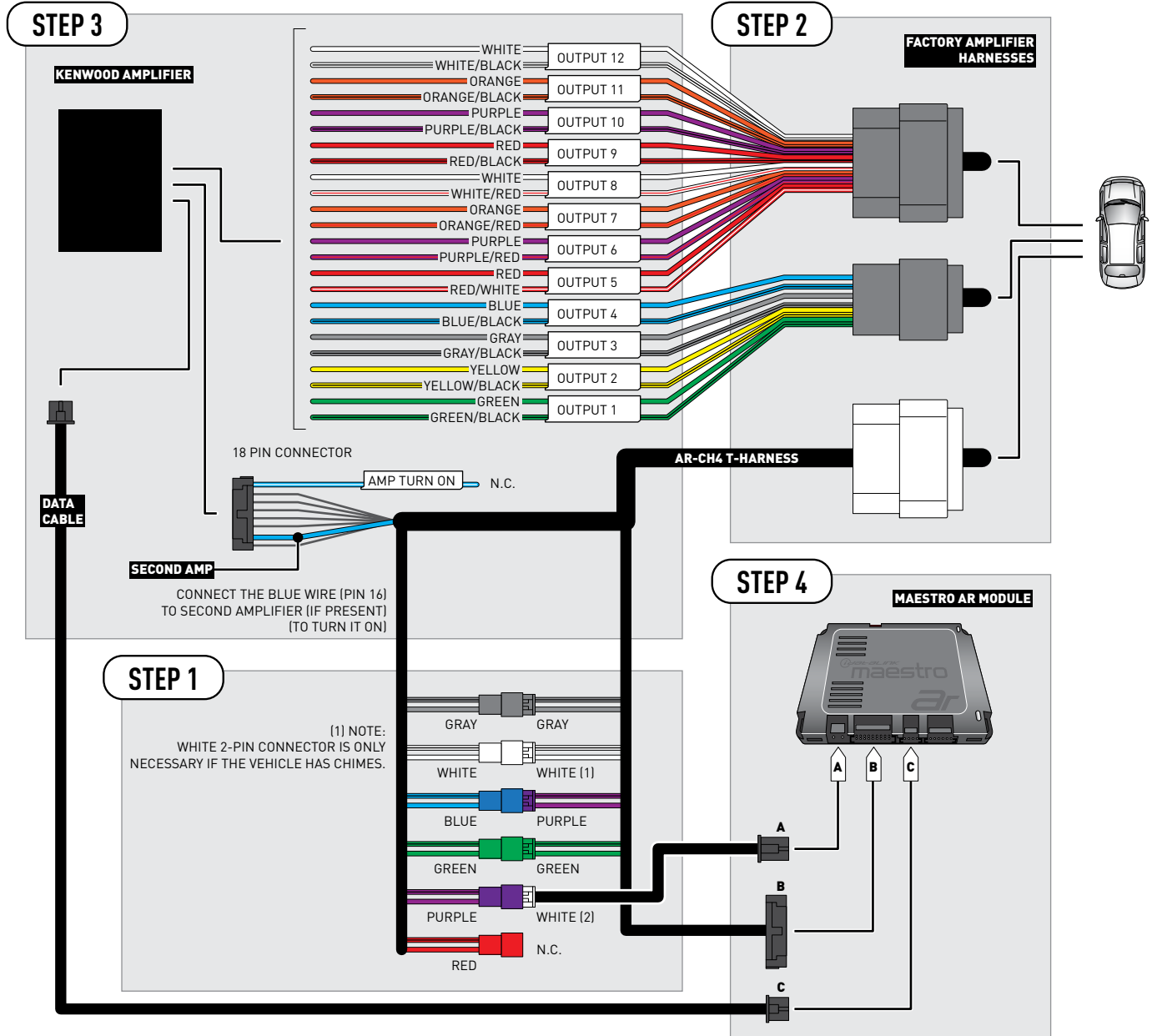
- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

## STEP 4

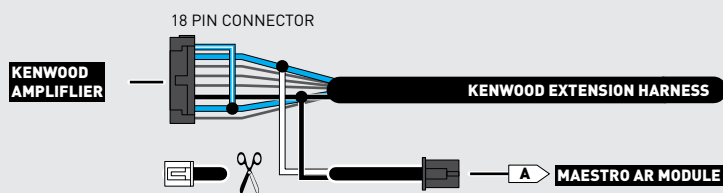
- Connect all the harnesses to the Maestro AR module.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

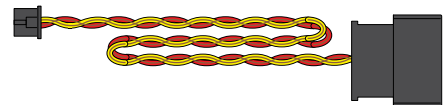
# WIRING DIAGRAM



- (2) NOTE:  
IF AN EXTENSION HARNESS IS BEING USED:
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
  - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
  - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2 ) OF 18-PIN CONNECTOR.
  - CONNECT THE BLACK WIRE FROM ADAPTER TO BLACK WIRE (PIN 11) OF 18-PIN CONNECTOR.
  - CONNECT THE OTHER SIDE OF ADAPTER TO MAESTRO AR MODULE (POSITION A).



**CONNECTION NOT REQUIRED**



# VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
OUTPUT 1	Green	Left Instrument Panel Speaker (+)
	Green/Black	Left Instrument Panel Speaker (-)
OUTPUT 2	Yellow	Right Instrument Panel Speaker (+)
	Yellow/Black	Right Instrument Panel Speaker (-)
OUTPUT 3	Gray	Left Front Speaker (+)
	Gray/Black	Left Front Speaker (-)
OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Subwoofer 2 (+)
	Red/White	Subwoofer 2 (-)
OUTPUT 6	Purple	Subwoofer 1 (+)
	Purple/Red	Subwoofer 1 (-)
OUTPUT 7	Orange	Subwoofer 3 (+)
	Orange/Red	Subwoofer 3 (-)
OUTPUT 8	White	Center Channel Speaker (+)
	White/Red	Center Channel Speaker (-)
OUTPUT 9	Red	Right Rear Door Tweeter (+)
	Red/Black	Right Rear Door Tweeter (-)
OUTPUT 10	Purple	Left Rear Door Tweeter (+)
	Purple/Black	Left Rear Door Tweeter (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
	White/Black	Left Rear Speaker (-)

**Amplifier location: Under driver seat**