



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 2012-2016

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH3 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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Settings and Features	3
Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

 **maestro.idatalink.com/support**
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-CH3 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH3 T-harness.

STEP 3

- Connect the wires from the AR-CH3 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 CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

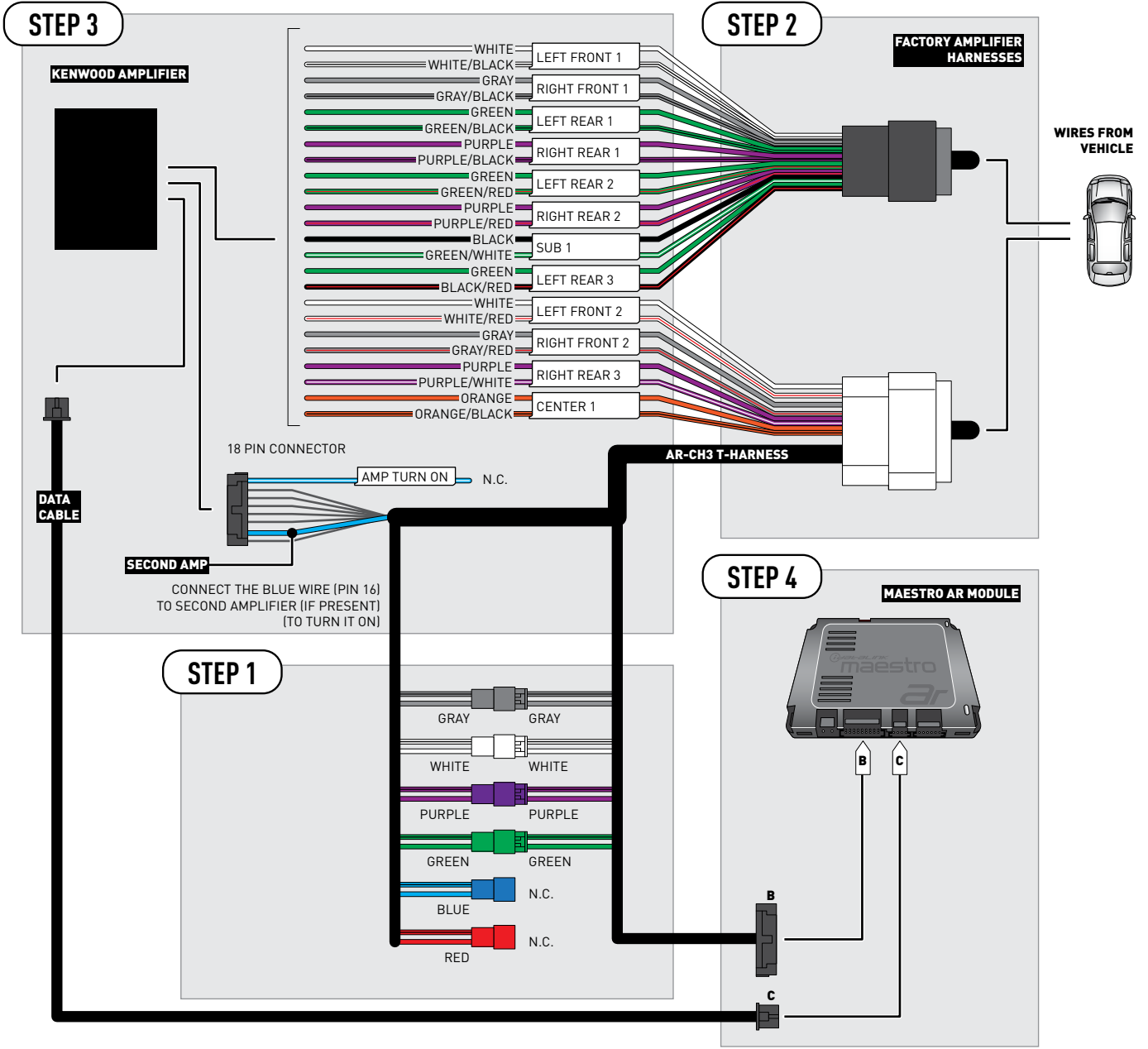
- Plug the connector from the AR-CH3 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

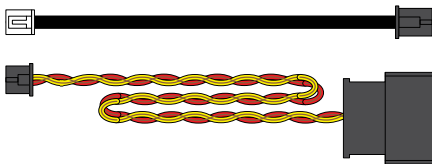
- Connect all the harnesses to the Maestro AR module.

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WIRING DIAGRAM



CONNECTIONS NOT REQUIRED

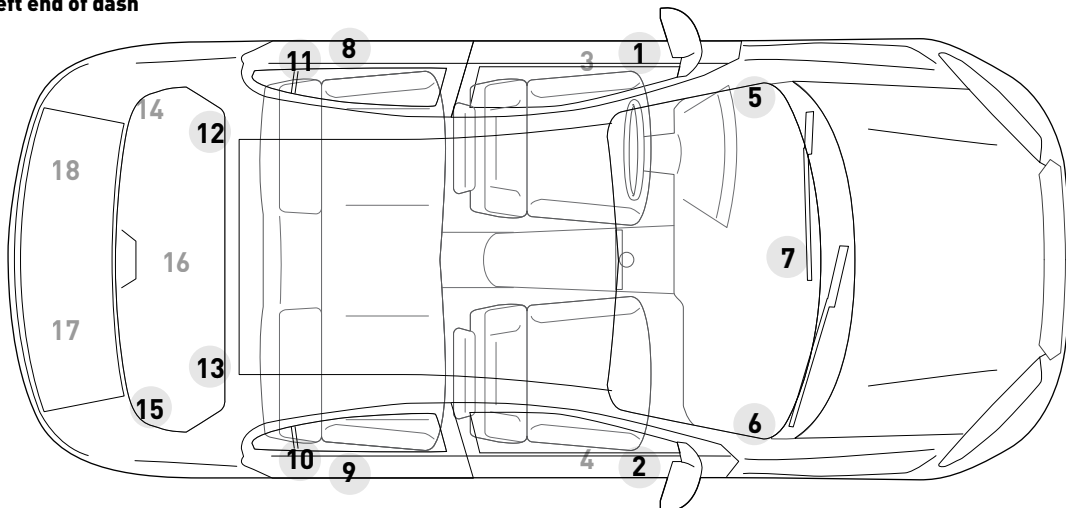


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Door Speaker (+)	1
	White/Black	Left Front Door Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter on Dash (+)	5
	White/Red	Left Front Tweeter on Dash (-)	
RIGHT FRONT 1	Gray	Right Front Door Speaker (+)	2
	Gray/Black	Right Front Door Speaker (-)	
RIGHT FRONT 2	Gray/Red	Right Front Tweeter on Dash (+)	6
	Gray	Right Front Tweeter on Dash (-)	
LEFT REAR 1	Green/Black	Left Rear Door Speaker (+)	8
	Green	Left Rear Door Speaker (-)	
LEFT REAR 2	Green/Red	Left Rear Shelf Speaker (+)	12
	Green	Left Rear Shelf Speaker (-)	
LEFT REAR 3	Green/White	Left Rear Tweeter (+)	11
	Green	Left Rear Tweeter (-)	
RIGHT REAR 1	Purple	Right Rear Door Speaker (+)	9
	Purple/Black	Right Rear Door Speaker (-)	
RIGHT REAR 2	Purple	Right Rear Tweeter (+)	10
	Purple/Red	Right Rear Tweeter (-)	
RIGHT REAR 3	Purple	Right Rear Shelf Speaker (+)	13
	Purple/White	Right Rear Shelf Speaker (-)	
CENTER 1	Orange	Center (+)	7
	Orange/Black	Center (-)	
SUB 1	Black/White	Subwoofer (+)	15
	Black	Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash





INSTALL GUIDE DODGE CHALLENGER WITH HARMAN KARDON 2012-2015

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- Adjust the chime volume using the volume knob.

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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

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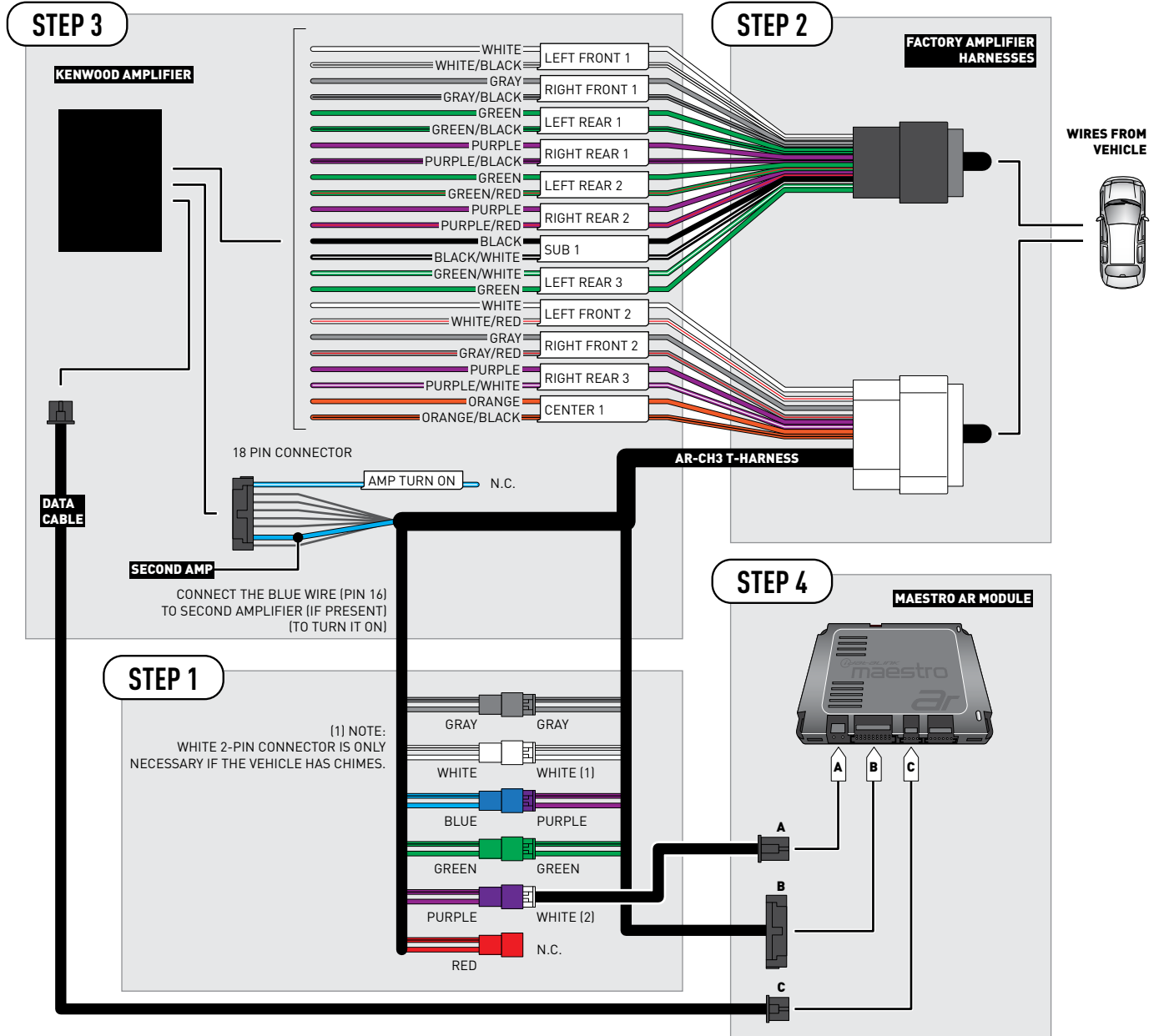
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- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

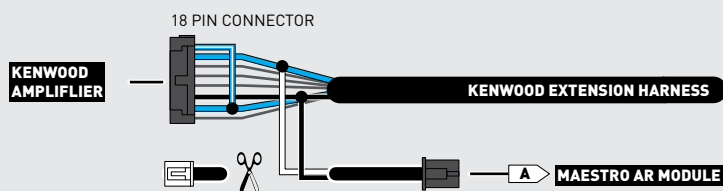
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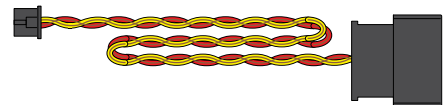
WIRING DIAGRAM



- (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

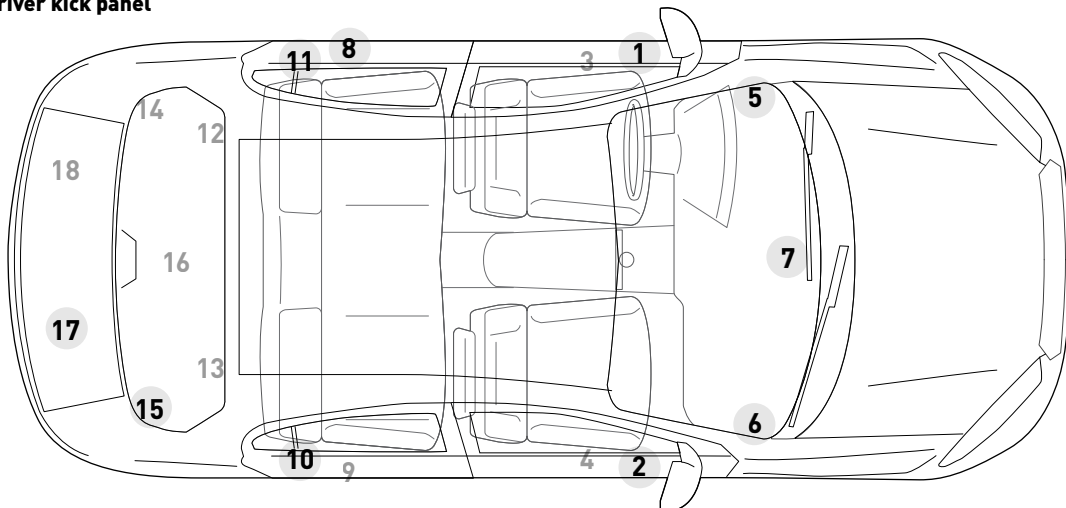


VEHICLE WIRE REFERENCE CHART

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	White/Red	Left Front Tweeter on Dash (-)	
RIGHT FRONT 1	Gray	Right Front Door Speaker (+)	2
	Gray/Black	Right Front Door Speaker (-)	
RIGHT FRONT 2	Gray/Red	Right Front Tweeter on Dash (+)	6
	Gray	Right Front Tweeter on Dash (-)	
LEFT REAR 1	Green/Black	Left Rear Door Tweeter (+)	11
	Green	Left Rear Door Tweeter (-)	
LEFT REAR 2	Green/Red	Subwoofer 1 (+)	17
	Green	Subwoofer 1 (-)	
LEFT REAR 3	Green/White	Left Rear Door Speaker (+)	8
	Green	Left Rear Door Speaker (-)	
RIGHT REAR 1	Purple	Right Rear Tweeter (+)	10
	Purple/Black	Right Rear Tweeter (-)	
RIGHT REAR 2	Purple	Right Rear Door Speaker (+)	10
	Purple/Red	Right Rear Door Speaker (-)	
RIGHT REAR 3	Purple	Subwoofer 2 (+)	17
	Purple/White	Subwoofer 2 (-)	
CENTER 1	Orange	Center (+)	7
	Orange/Black	Center (-)	
SUB 1	Black/White	Subwoofer 3 (+)	15
	Black	Subwoofer 3 (-)	

Note: The amplifier output colors and labels on the AR-CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Driver kick panel





INSTALL GUIDE DODGE CHARGER WITH HARMAN KARDON 2012-2015

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KENWOOD

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CHIME ADJUSTMENT

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- Adjust the chime volume using the volume knob.

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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

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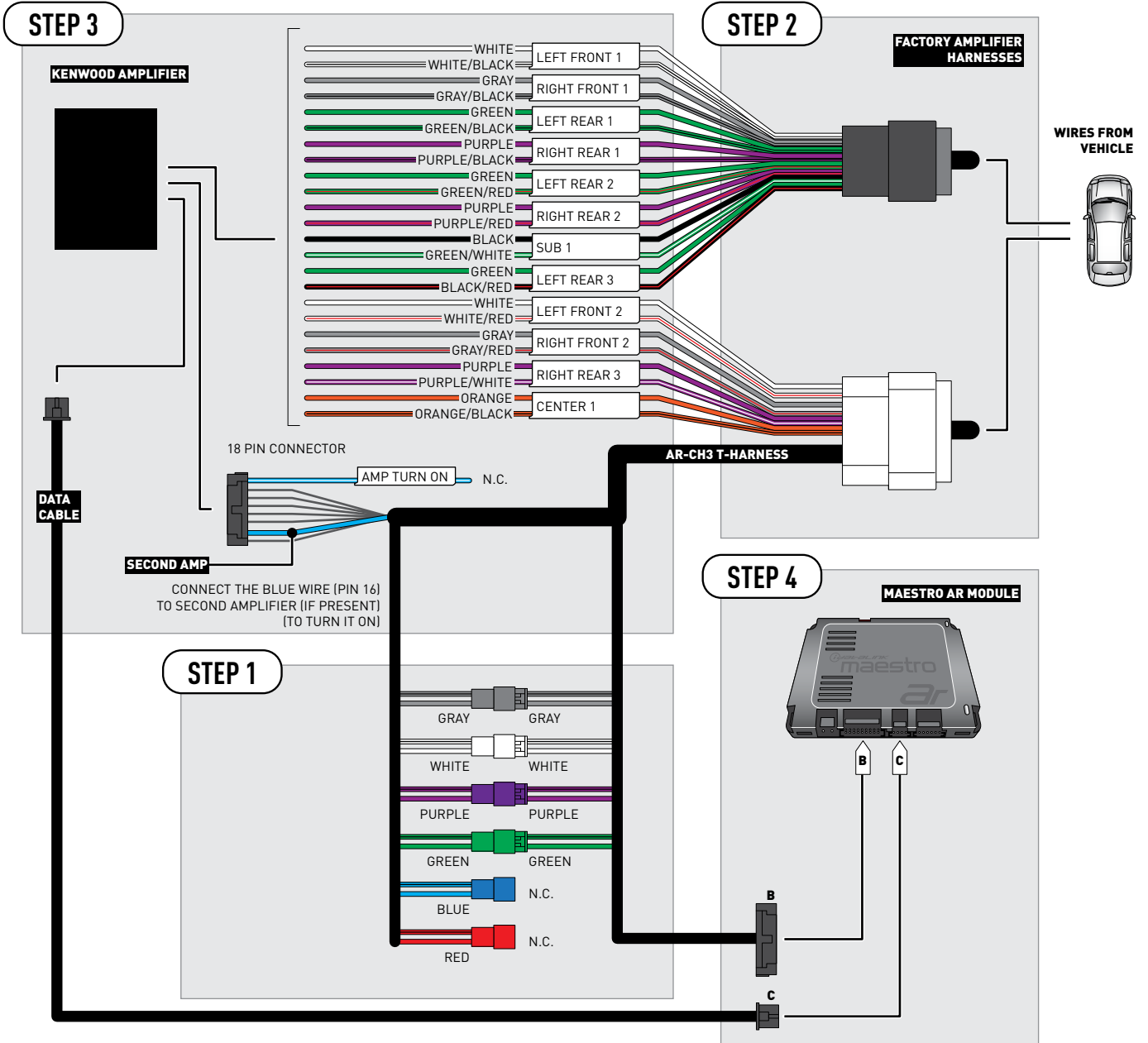
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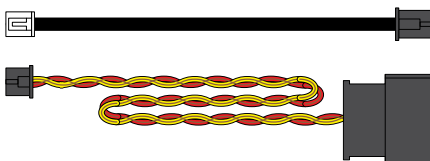
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WIRING DIAGRAM



CONNECTIONS NOT REQUIRED

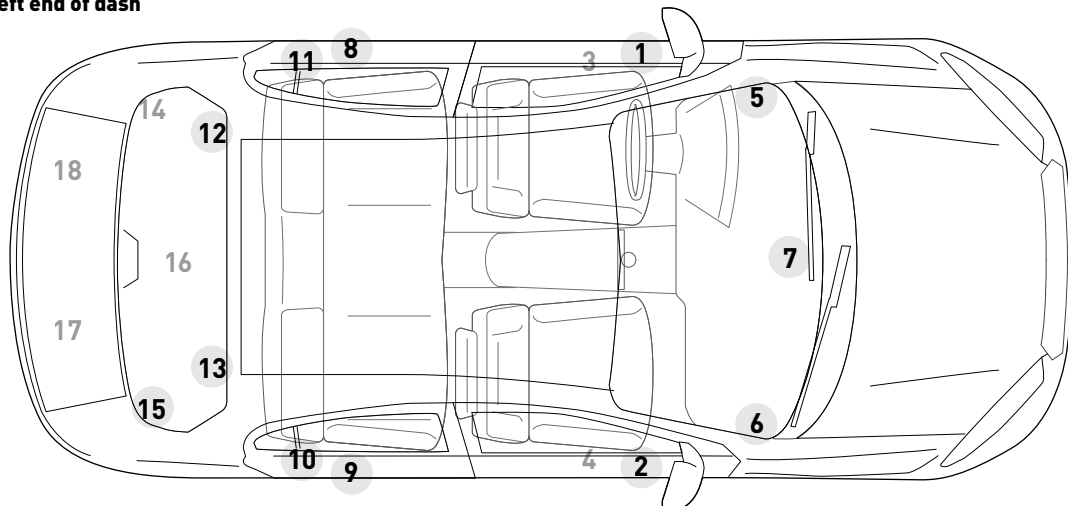


VEHICLE WIRE REFERENCE CHART

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LEFT FRONT 2	White	Left Front Tweeter on Dash (+)	5
	White/Red	Left Front Tweeter on Dash (-)	
RIGHT FRONT 1	Gray	Right Front Door Speaker (+)	2
	Gray/Black	Right Front Door Speaker (-)	
RIGHT FRONT 2	Gray/Red	Right Front Tweeter on Dash (+)	6
	Gray	Right Front Tweeter on Dash (-)	
LEFT REAR 1	Green/Black	Left Rear Door Speaker (+)	8
	Green	Left Rear Door Speaker (-)	
LEFT REAR 2	Green/Red	Left Rear Shelf Speaker (+)	12
	Green	Left Rear Shelf Speaker (-)	
LEFT REAR 3	Green/White	Left Rear Tweeter (+)	11
	Green	Left Rear Tweeter (-)	
RIGHT REAR 1	Purple	Right Rear Door Speaker (+)	9
	Purple/Black	Right Rear Door Speaker (-)	
RIGHT REAR 2	Purple	Right Rear Tweeter (+)	10
	Purple/Red	Right Rear Tweeter (-)	
RIGHT REAR 3	Purple	Right Rear Shelf Speaker (+)	13
	Purple/White	Right Rear Shelf Speaker (-)	
CENTER 1	Orange	Center (+)	7
	Orange/Black	Center (-)	
SUB 1	Black/White	Subwoofer (+)	15
	Black	Subwoofer (-)	

Note: The amplifier output colors and labels on the AR-CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left end of dash





INSTALL GUIDE FIAT 500X 2016-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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KENWOOD

PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

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ADS-AR-CHR03

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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.
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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).
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- Connect the factory amplifier harnesses to the AR-CH3 T-harness.

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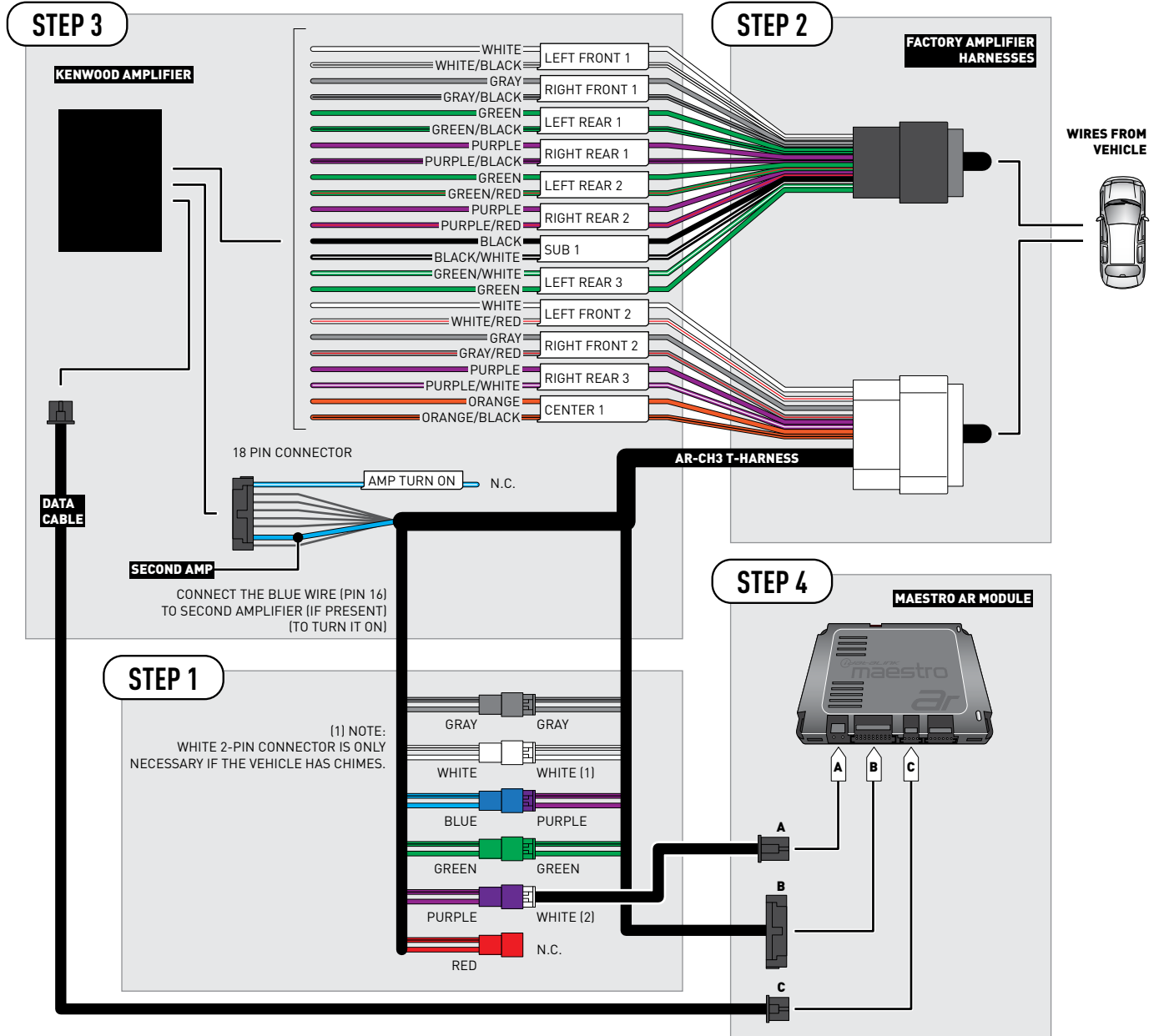
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STEP 4

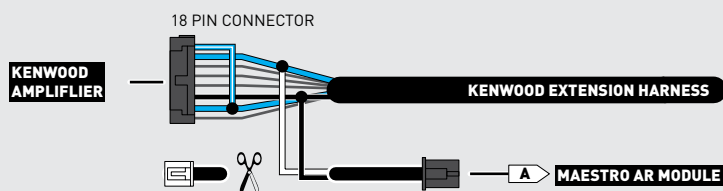
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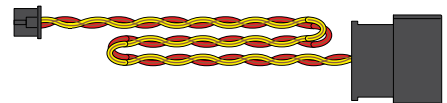
WIRING DIAGRAM



- (2) NOTE:
IF AN EXTENSION HARNESS IS BEING USED:
- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
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CONNECTION NOT REQUIRED

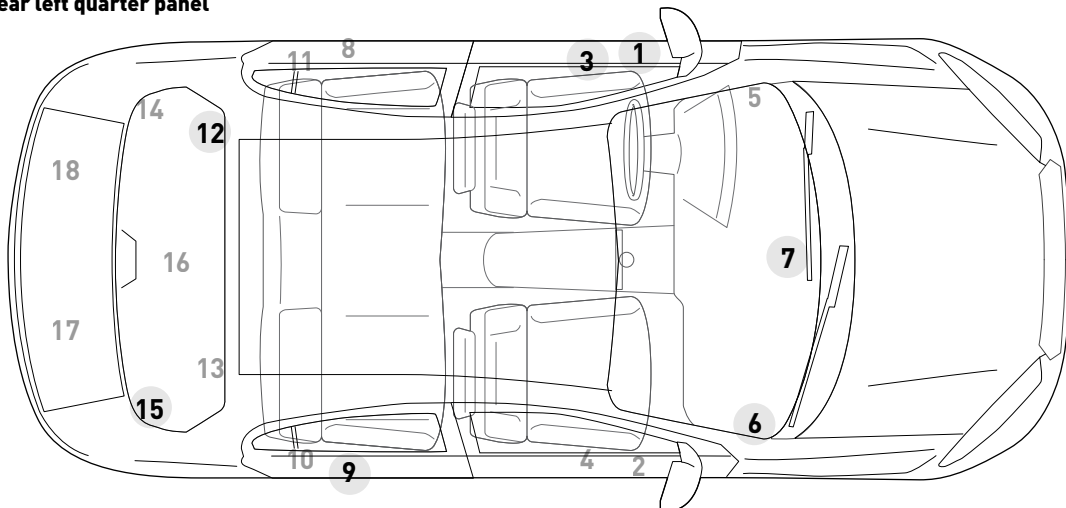


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	Green	n/a	
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	Purple/Red	n/a	
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SUB 1	Black/White	Subwoofer 1 (+)	15
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Amplifier location: Rear left quarter panel





INSTALL GUIDE JEEP GRAND CHEROKEE WITH HARMAN KARDON 2014

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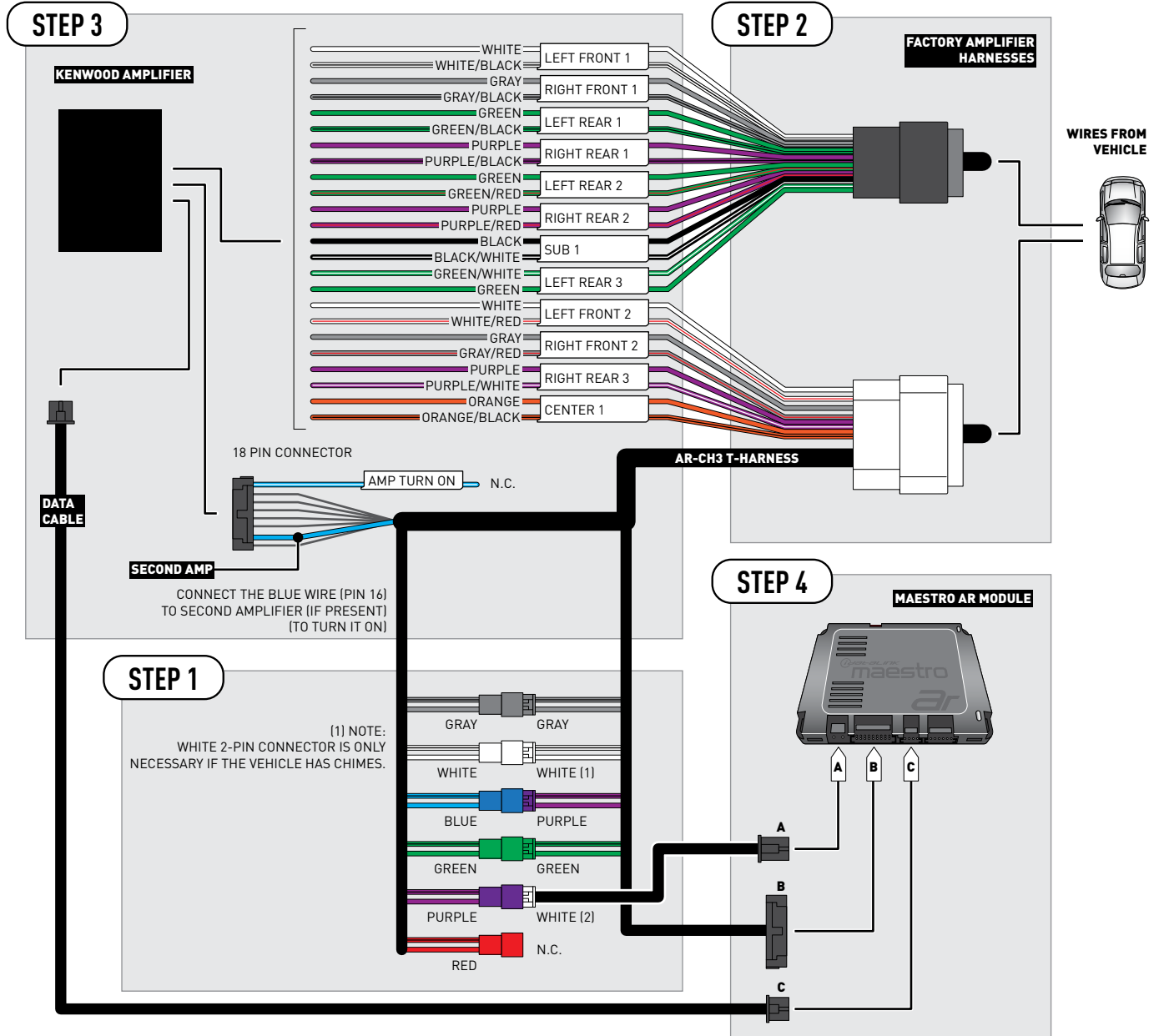
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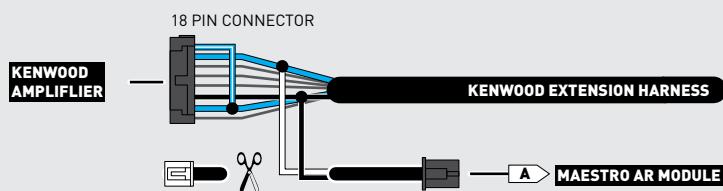
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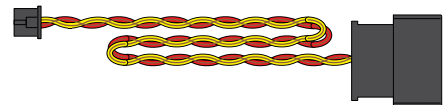
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- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
 - CUT OFF THE WHITE 2-PIN CONNECTOR FROM THE ADAPTER CABLE.
 - CONNECT THE WHITE WIRE FROM ADAPTER TO BLUE WIRE (PIN 2) OF 18-PIN CONNECTOR.
 - CONNECT THE BLACK WIRE FROM 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

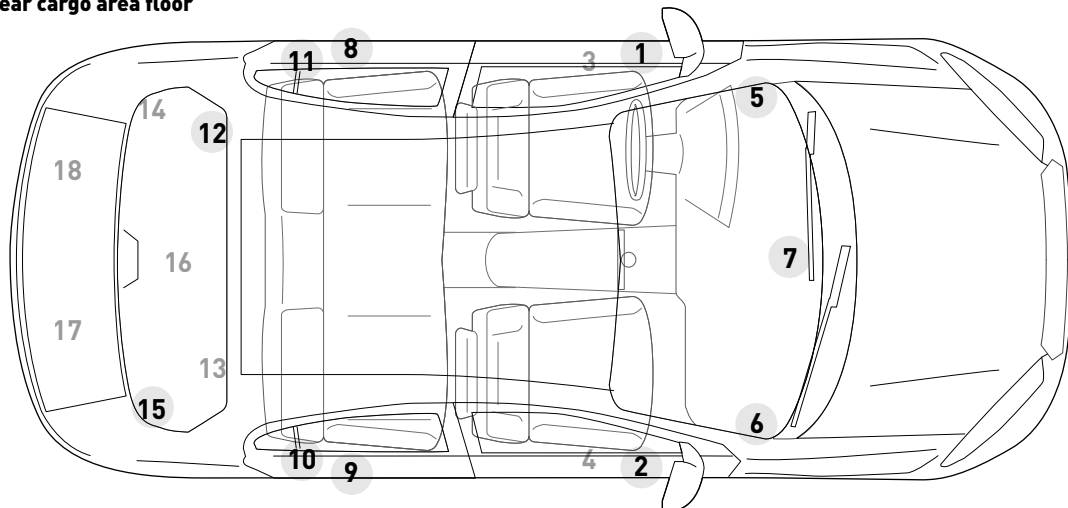


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Door Speaker (+)	1
	White/Black	Left Front Door Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter on Dash (+)	5
	White/Red	Left Front Tweeter on Dash (-)	
RIGHT FRONT 1	Gray	Right Front Door Speaker (+)	2
	Gray/Black	Right Front Door Speaker (-)	
RIGHT FRONT 2	Gray/Red	Right Front Tweeter on Dash (+)	6
	Gray	Right Front Tweeter on Dash (-)	
LEFT REAR 1	Green/Black	Left Rear Door Speaker (+)	8
	Green	Left Rear Door Speaker (-)	
LEFT REAR 2	Green/Red	Subwoofer 1 (+)	12
	Green	Subwoofer 1 (-)	
LEFT REAR 3	Green/White	Left Rear Shelf Speaker (+)	11
	Green	Left Rear Shelf Speaker (-)	
RIGHT REAR 1	Purple	Right Rear Door Speaker (+)	9
	Purple/Black	Right Rear Door Speaker (-)	
RIGHT REAR 2	Purple	Right Rear Shelf Speaker (+)	10
	Purple/Red	Right Rear Shelf Speaker (-)	
RIGHT REAR 3	Purple	n/a	
	Purple/White	n/a	
CENTER 1	Orange	Center (+)	7
	Orange/Black	Center (-)	
SUB 1	Black/White	Subwoofer 2 (+)	15
	Black	Subwoofer 2 (-)	

Note: The amplifier output colors and labels on the AR-CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear cargo area floor





INSTALL GUIDE JEEP RENEGADE 2015-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH3 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**

 **support@idatalink.com**

 **maestro.idatalink.com/support**
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-CH3 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH3 T-harness.

STEP 3

- Connect the wires from the AR-CH3 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 CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

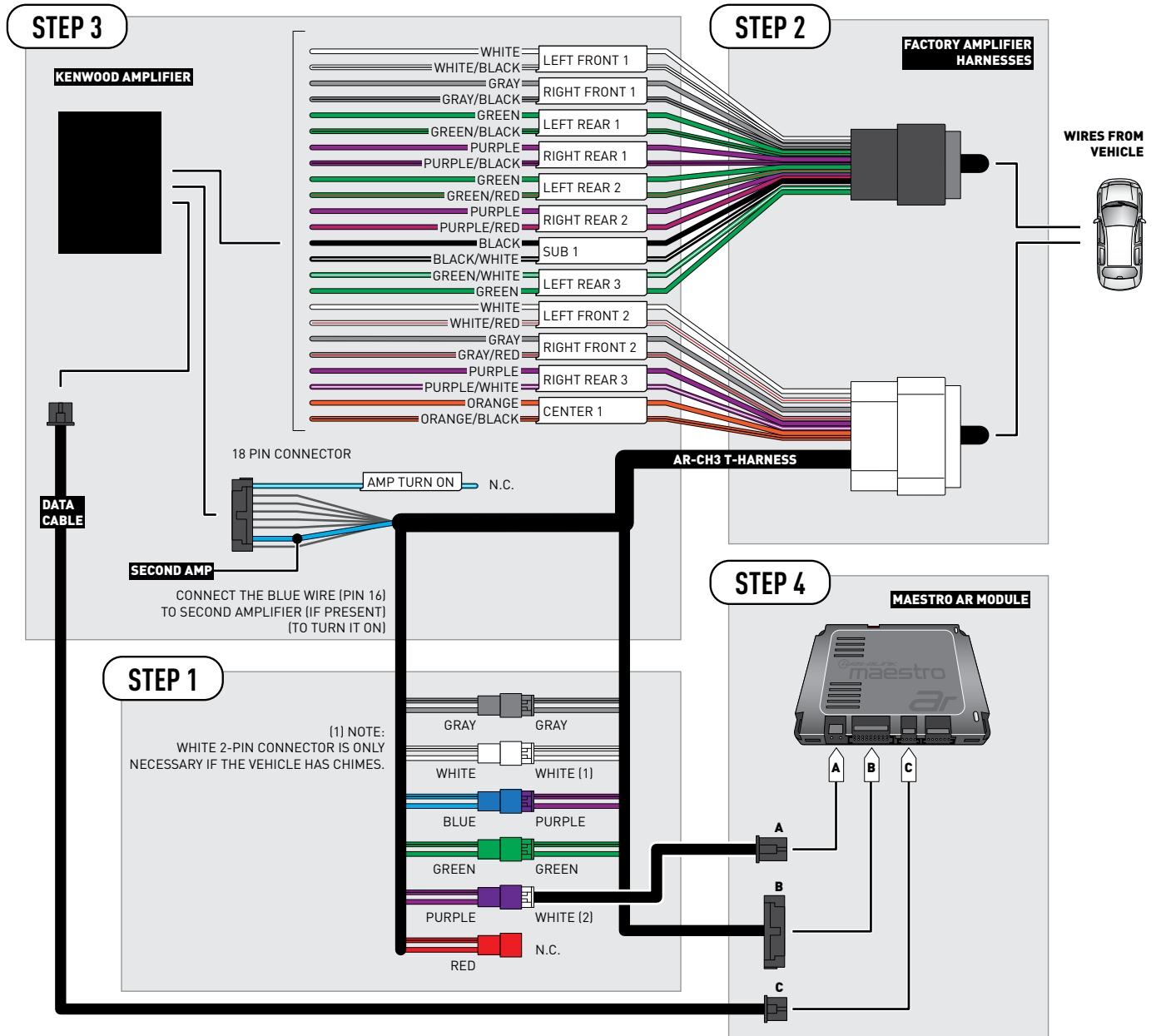
- Plug the connector from the AR-CH3 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

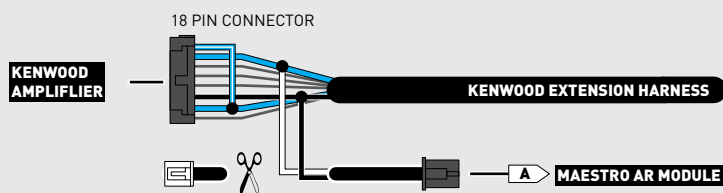
- Connect all the harnesses to the Maestro AR module.

- 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/"

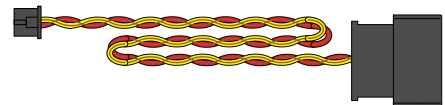
WIRING DIAGRAM



- (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	Component Position
LEFT FRONT 1	White	Right Front Door Speaker (+)	6
	White/Black	Right Front Door Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	3
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Left Front Door Speaker (+)	1
	Gray/Black	Left Front Door Speaker (-)	
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (+)	6
	Gray	Right Front Tweeter (-)	
LEFT REAR 1	Green/Black	n/a	
	Green	n/a	
LEFT REAR 2	Green/Red	Left Rear Door Speaker (+)	12
	Green	Left Rear Door Speaker (-)	
LEFT REAR 3	Green/White	n/a	
	Green	n/a	
RIGHT REAR 1	Purple	Subwoofer 2 (+)	9
	Purple/Black	Subwoofer 2 (-)	
RIGHT REAR 2	Purple	n/a	
	Purple/Red	n/a	
RIGHT REAR 3	Purple	n/a	
	Purple/White	n/a	
CENTER 1	Orange	Right Rear Door Speaker (+)	7
	Orange/Black	Right Rear Door Speaker (-)	
SUB 1	Black/White	Subwoofer 1 (+)	15
	Black	Subwoofer 1 (-)	

Note: The amplifier output colors and labels on the AR-CH3 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Rear left quarter panel

