



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 200 2015-2016

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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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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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

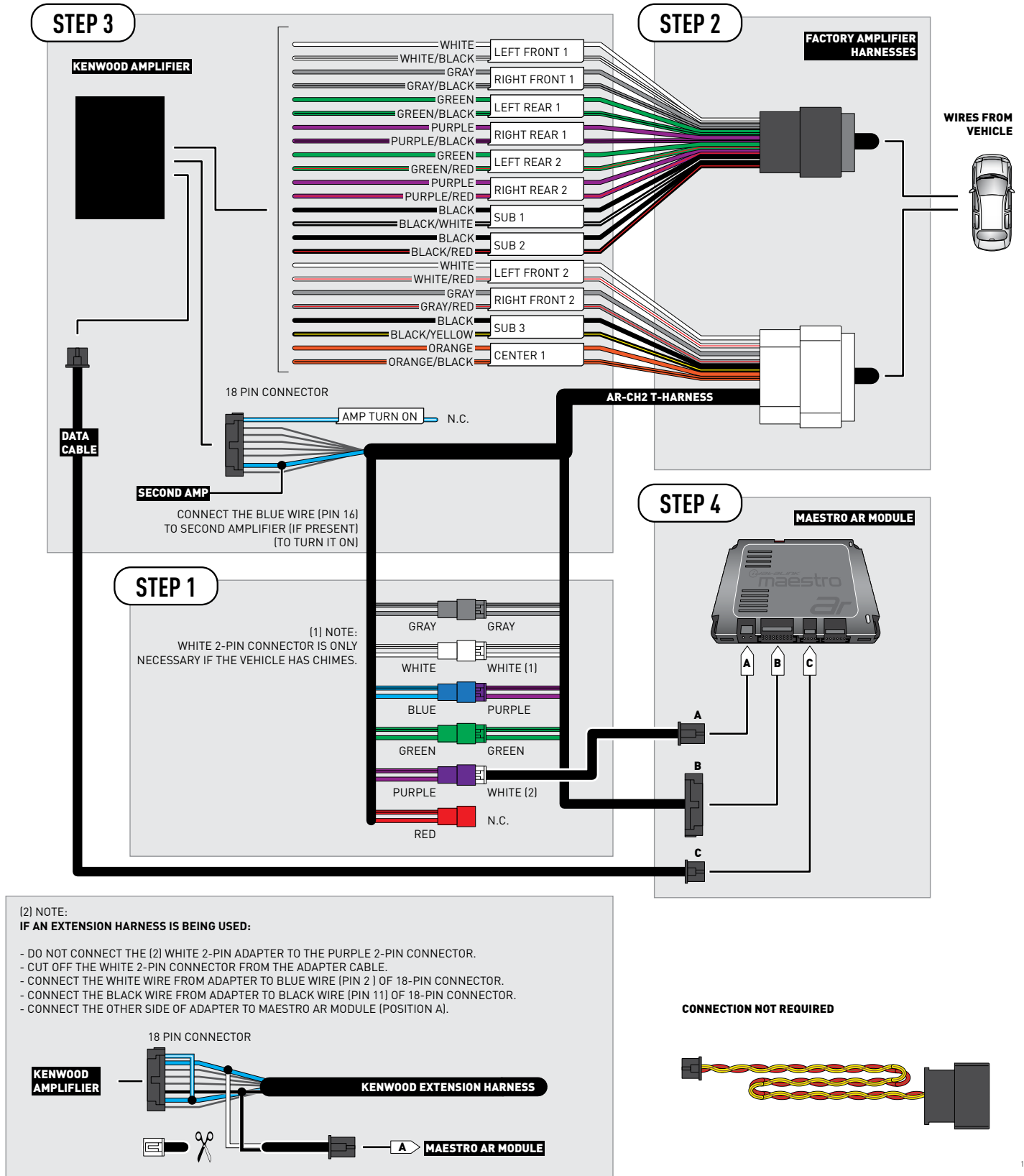
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

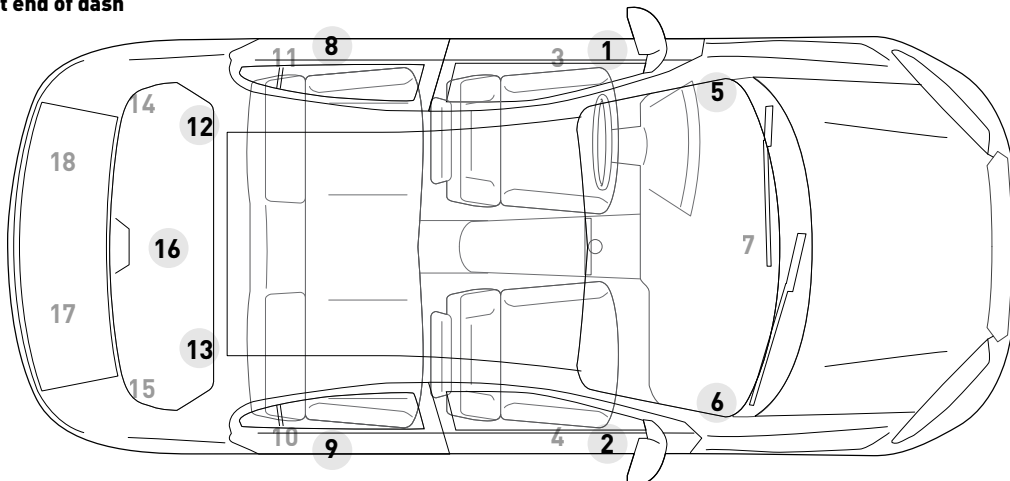


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Mid (+)	1
	White/Black	Left Front Mid (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	5
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Mid (+)	2
	Gray/Black	Right Front Mid (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Mid (+)	12
	Green/Black	Left Rear Mid (-)	
LEFT REAR 2	Green	Subwoofer 1 (+)	16
	Green/Red	Subwoofer 1 (-)	
RIGHT REAR 1	Purple	Right Rear Mid (+)	13
	Purple/Black	Right Rear Mid (-)	
RIGHT REAR 2	Purple	Subwoofer 2 (+)	16
	Purple/Red	Subwoofer 2 (-)	
CENTER 1	Orange	Left Rear Tweeter (+)	8
	Orange/Black	Left Rear Tweeter (-)	
SUB 1	Black	n/a	
	Black/White	n/a	
SUB 2	Black	Right Rear Tweeter (+)	9
	Black/Red	Right Rear Tweeter (-)	
SUB 3	Black	n/a	
	Black/Yellow	n/a	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Right end of dash





INSTALL GUIDE CHRYSLER 300 2012-2014

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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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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- 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-CH2 T-harness as shown on the wiring diagram.

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- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

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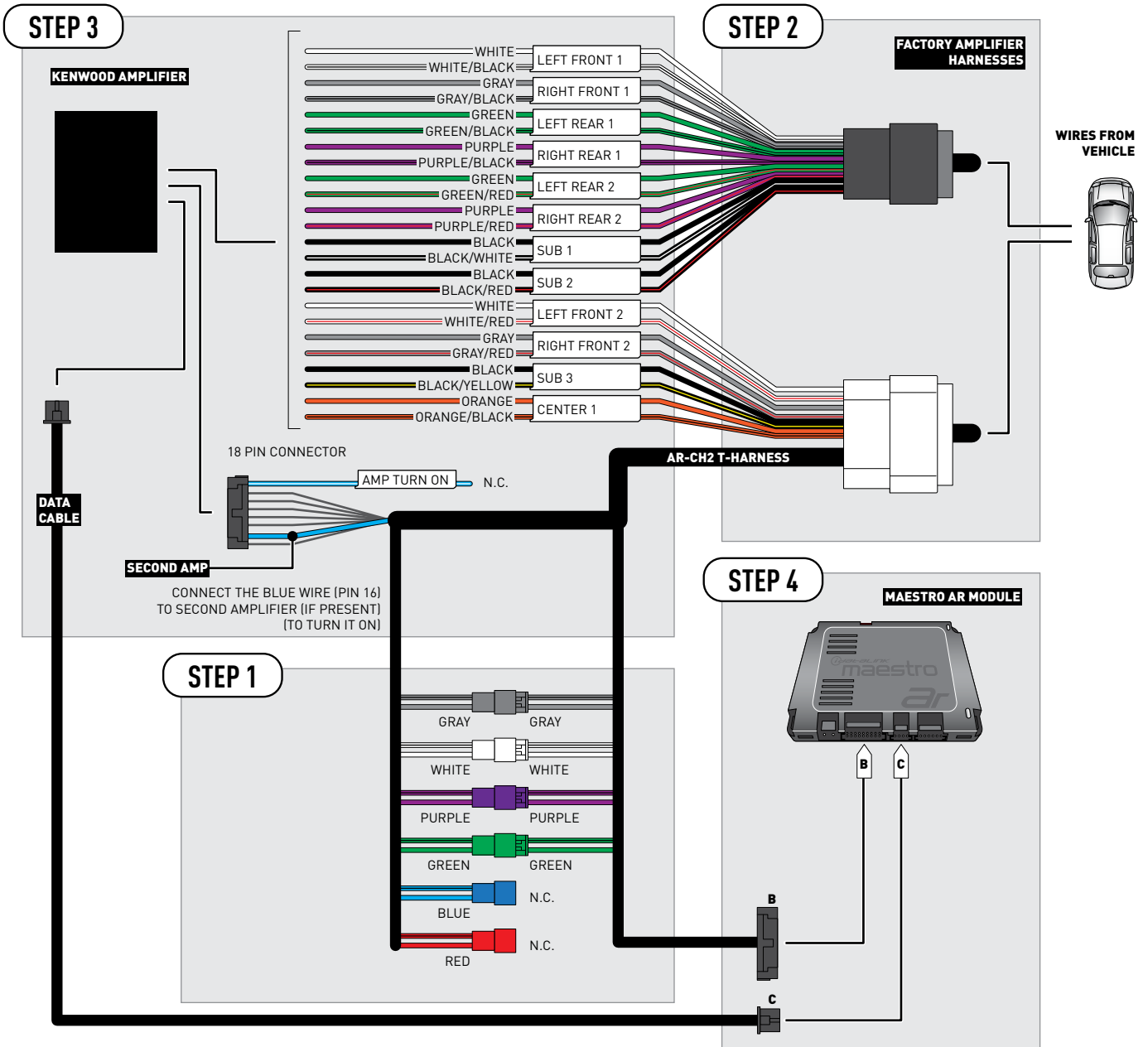
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

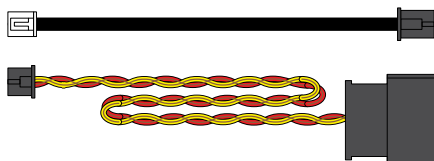
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WIRING DIAGRAM



CONNECTIONS NOT REQUIRED

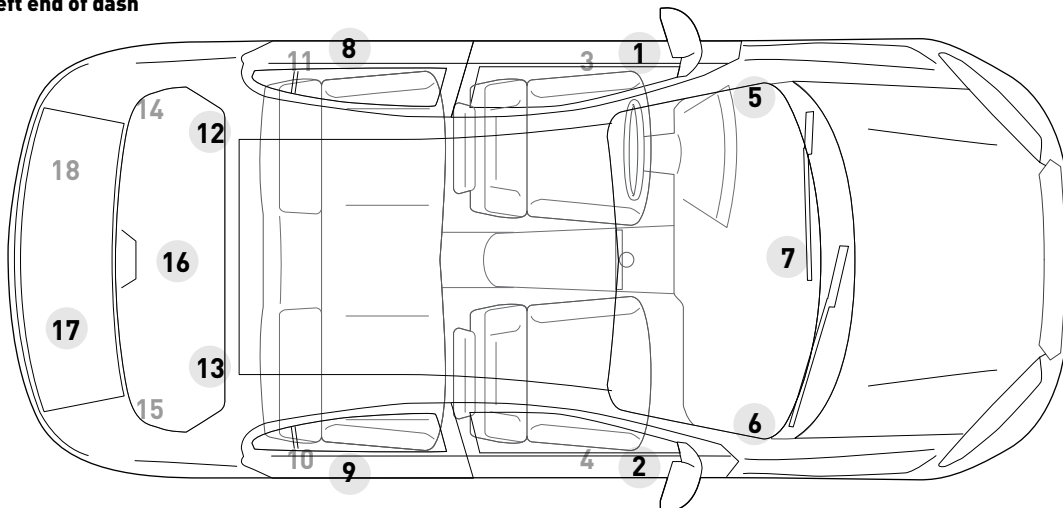


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
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LEFT FRONT 2	White	Left Front Tweeter (+)	5
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Left Rear Tweeter (+)	12
	Green/Red	Left Rear Tweeter (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Right Rear Tweeter (+)	13
	Purple/Red	Right Rear Tweeter (-)	
CENTER 1	Orange	Center Speaker (+)	7
	Orange/Black	Center Speaker (-)	
SUB 1	Black	Subwoofer 1 (+)	17
	Black/White	Subwoofer 1 (-)	
SUB 2	Black	Subwoofer 2 (+)	17
	Black/Red	Subwoofer 2 (-)	
SUB 3	Black	Subwoofer 3 (+)	16
	Black/Yellow	Subwoofer 3 (-)	

Note: The amplifier output colors and labels on the AR-CH2 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 CHRYSLER 300 2015-2016

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KENWOOD

PRODUCTS REQUIRED

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iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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- 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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

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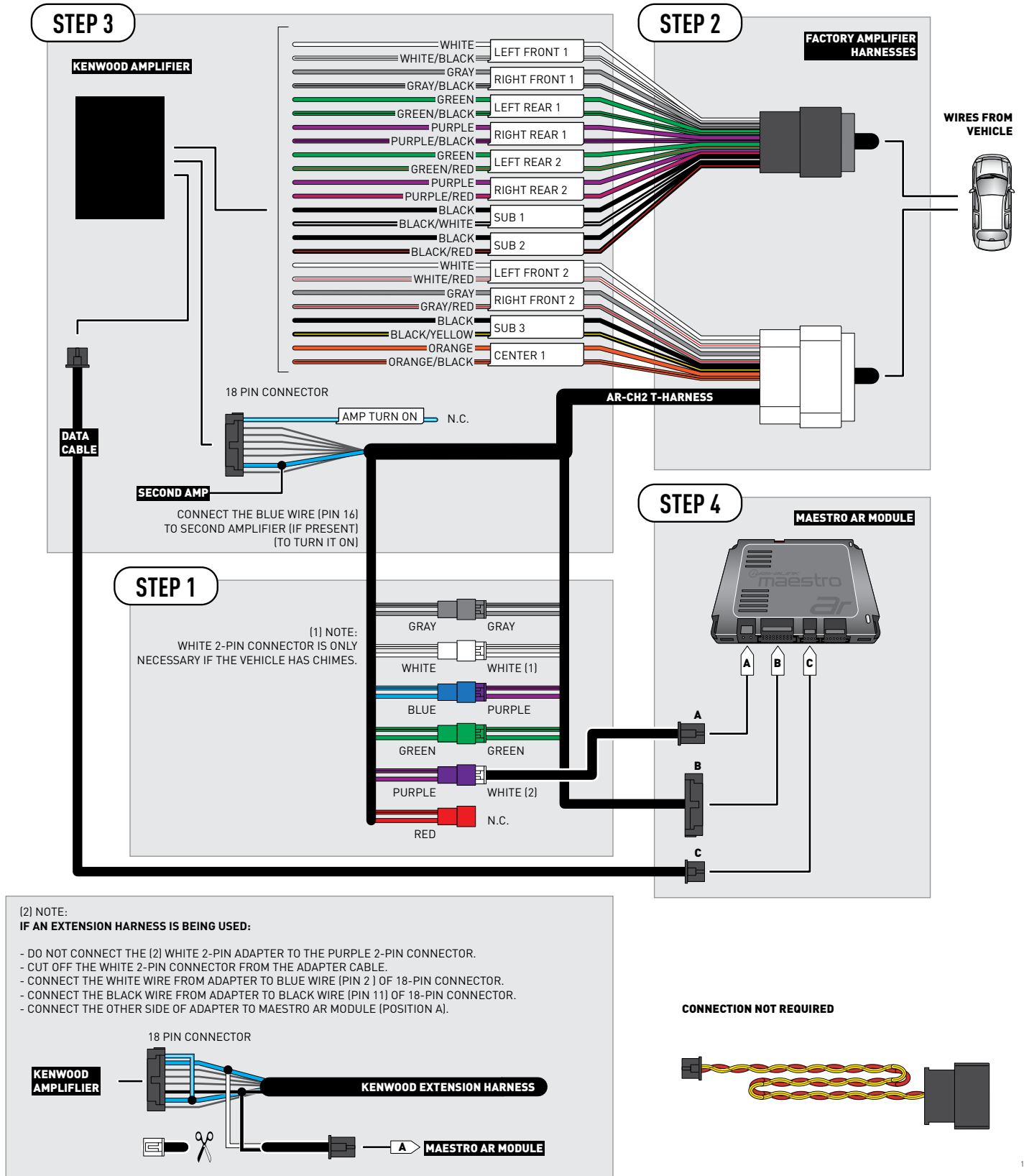
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

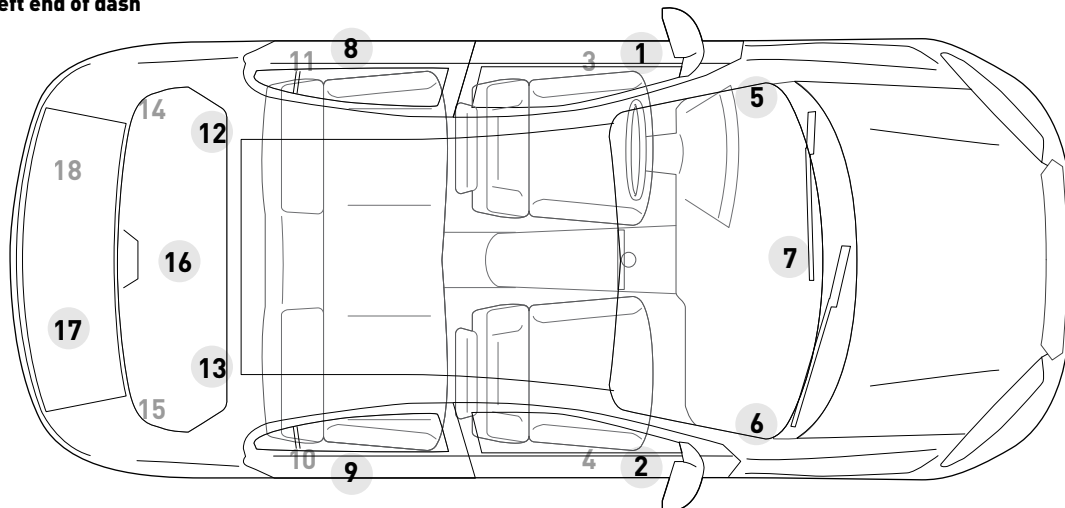


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
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	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Left Rear Tweeter (+)	12
	Green/Red	Left Rear Tweeter (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
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RIGHT REAR 2	Purple	Right Rear Tweeter (+)	13
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CENTER 1	Orange	Center Speaker (+)	7
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SUB 1	Black	Subwoofer 1 (+)	17
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	Black/Red	Subwoofer 2 (-)	
SUB 3	Black	Subwoofer 3 (+)	16
	Black/Yellow	Subwoofer 3 (-)	

Note: The amplifier output colors and labels on the AR-CH2 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 2015-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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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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NEED HELP?

 **1 866 427-2999**

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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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 T-harness to the aftermarket amplifier.

Note 1:

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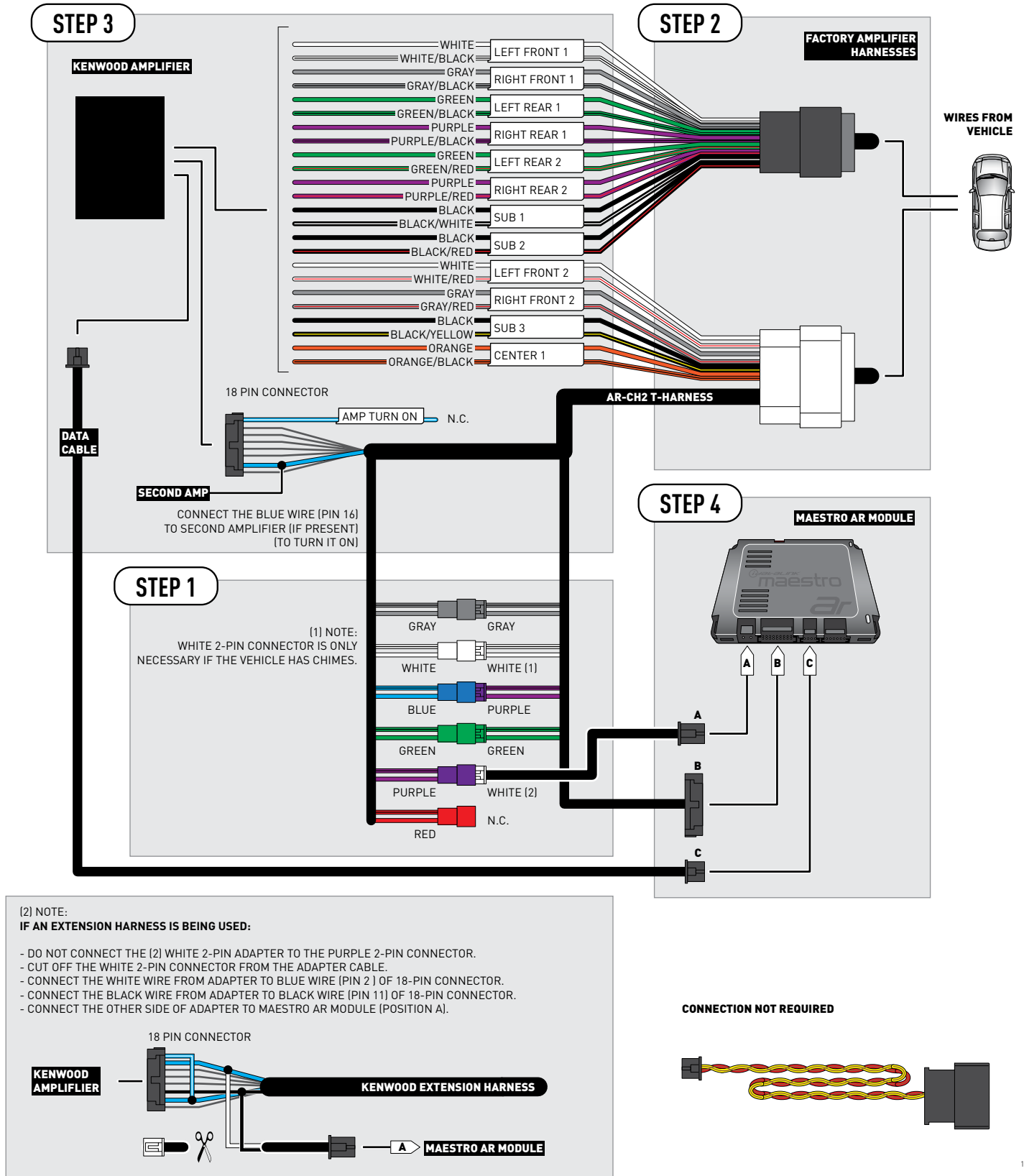
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

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WIRING DIAGRAM

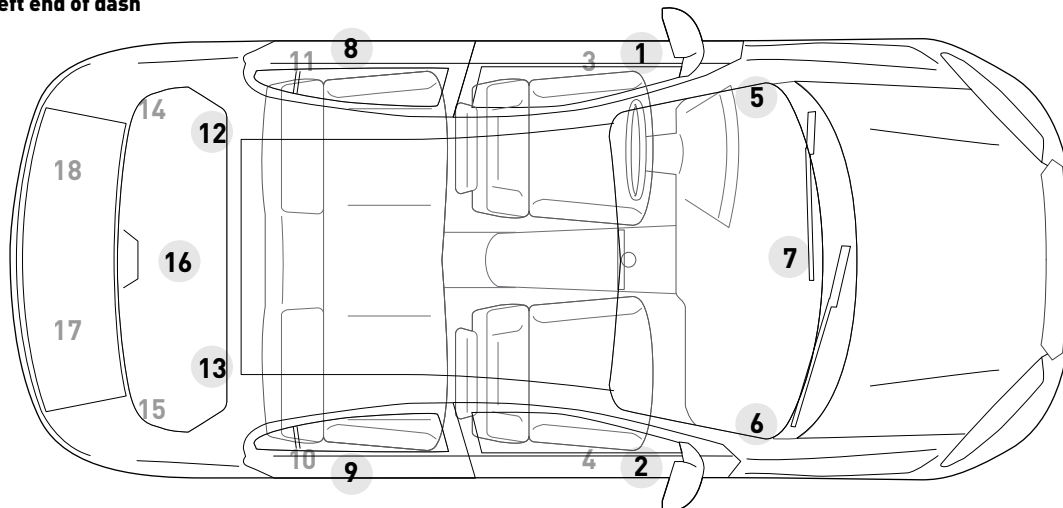


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
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RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
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	Black/White	Subwoofer 1 (-)	
SUB 2	Black	Subwoofer 2 (+)	16
	Black/Red	Subwoofer 2 (-)	
SUB 3	Black	n/a	
	Black/Yellow	n/a	

Note: The amplifier output colors and labels on the AR-CH2 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 CHARGER 2012-2014

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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KENWOOD

PRODUCTS REQUIRED

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iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
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PROGRAMMED FIRMWARE

ADS-AR-CHR02

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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

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- Remove the factory amplifier (refer to wire chart for amplifier location).
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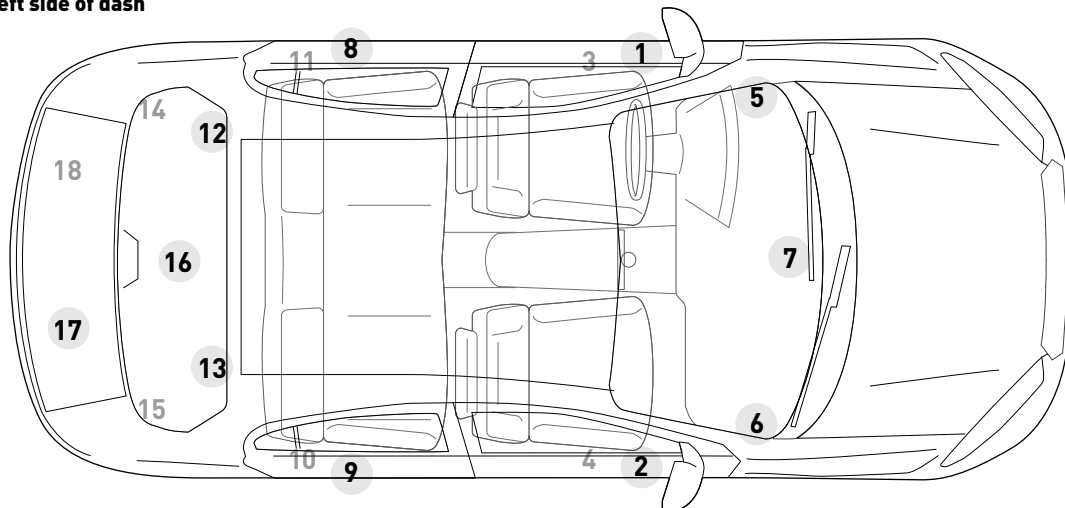
A diagram showing a cable with a shield and a twisted pair of conductors connected to a device. The shield is connected to ground, and the twisted pair is connected to the device's input.

VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
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Amplifier location: Left side of dash





INSTALL GUIDE DODGE CHARGER 2015-2017

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- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

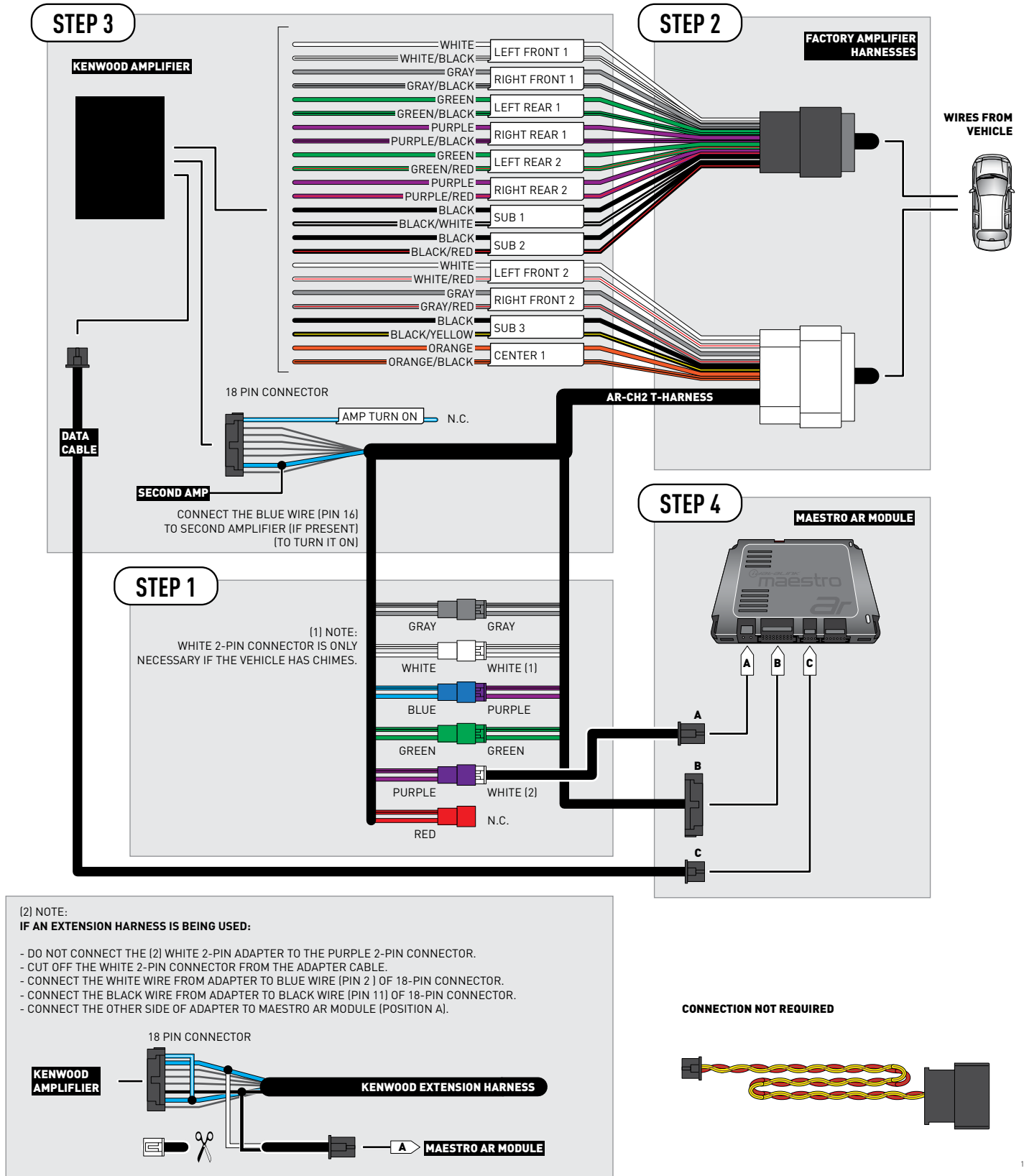
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

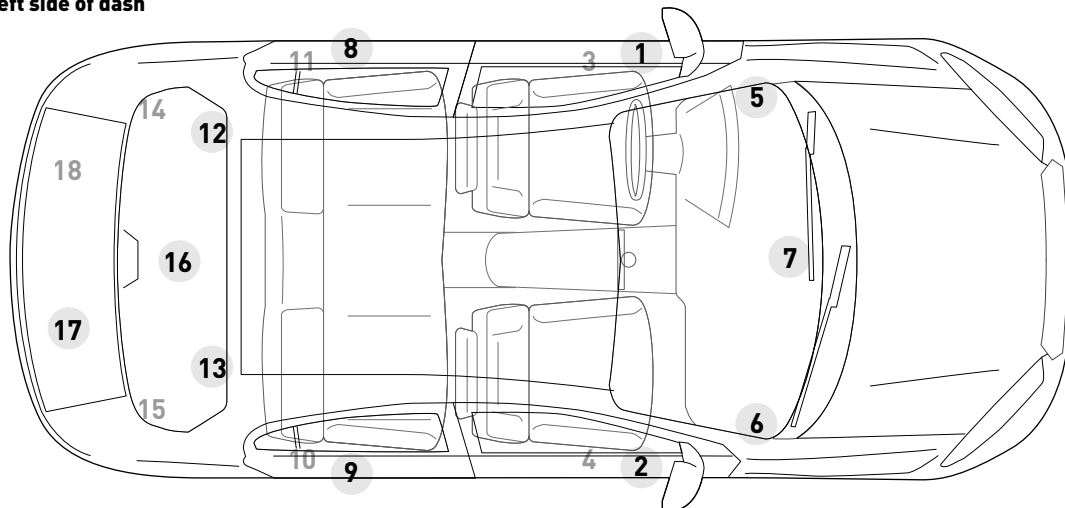


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	5
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Left Rear Speaker (+)	12
	Green/Red	Left Rear Speaker (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Right Rear Speaker (+)	13
	Purple/Red	Right Rear Speaker (-)	
CENTER 1	Orange	Center Speaker (+)	7
	Orange/Black	Center Speaker (-)	
SUB 1	Black	Subwoofer 1 (+)	17
	Black/White	Subwoofer 1 (-)	
SUB 2	Black	Subwoofer 2 (+)	17
	Black/Red	Subwoofer 2 (-)	
SUB 3	Black	Subwoofer 3 (+)	16
	Black/Yellow	Subwoofer 3 (-)	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of dash





INSTALL GUIDE DODGE DURANGO 2014-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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**

 **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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

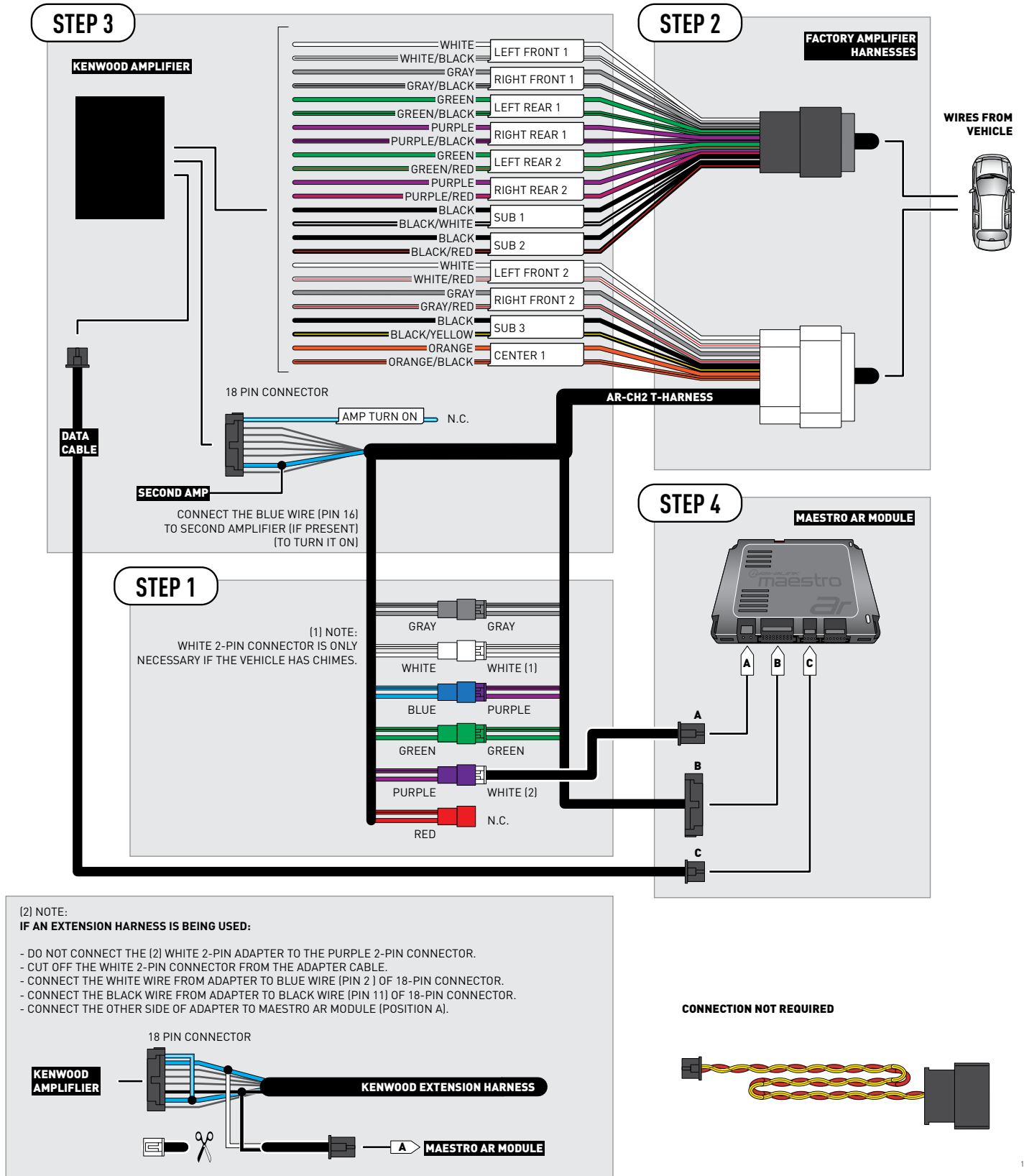
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

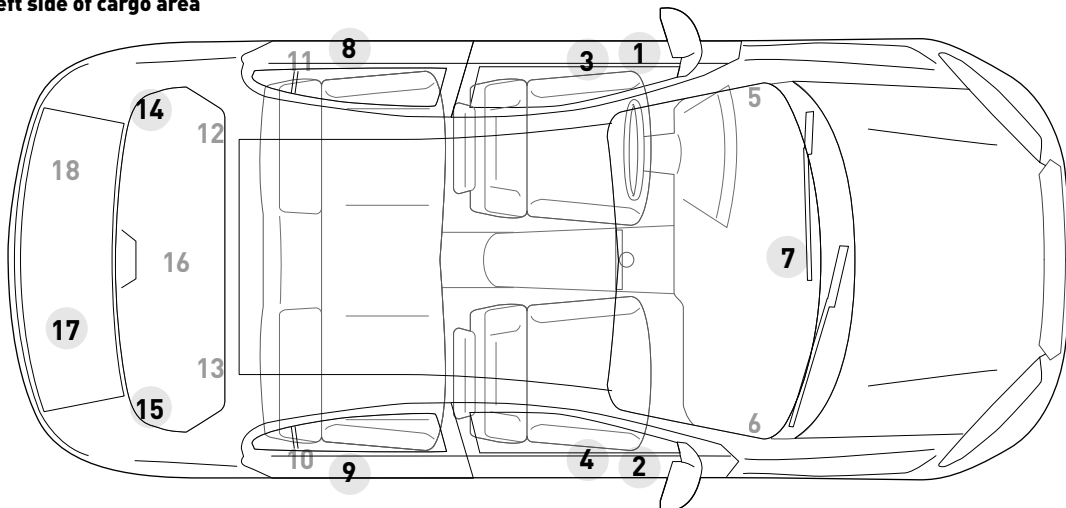


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	3
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	4
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Subwoofer 2 (+)	17
	Green/Red	Subwoofer 2 (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Subwoofer 1 (+)	17
	Purple/Red	Subwoofer 1 (-)	
CENTER 1	Orange	Left Rear Tweeter (+)	14
	Orange/Black	Left Rear Tweeter (-)	
SUB 1	Black	Right Rear Tweeter (+)	15
	Black/White	Right Rear Tweeter (-)	
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	Center Speaker (+)	7
	Black/Yellow	Center Speaker (-)	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of cargo area





INSTALL GUIDE DODGE JOURNEY 2011-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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**

 **support@idatalink.com**

 **maestro.idatalink.com/support**
www.12voltdata.com/forum

SETTINGS AND FEATURES

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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

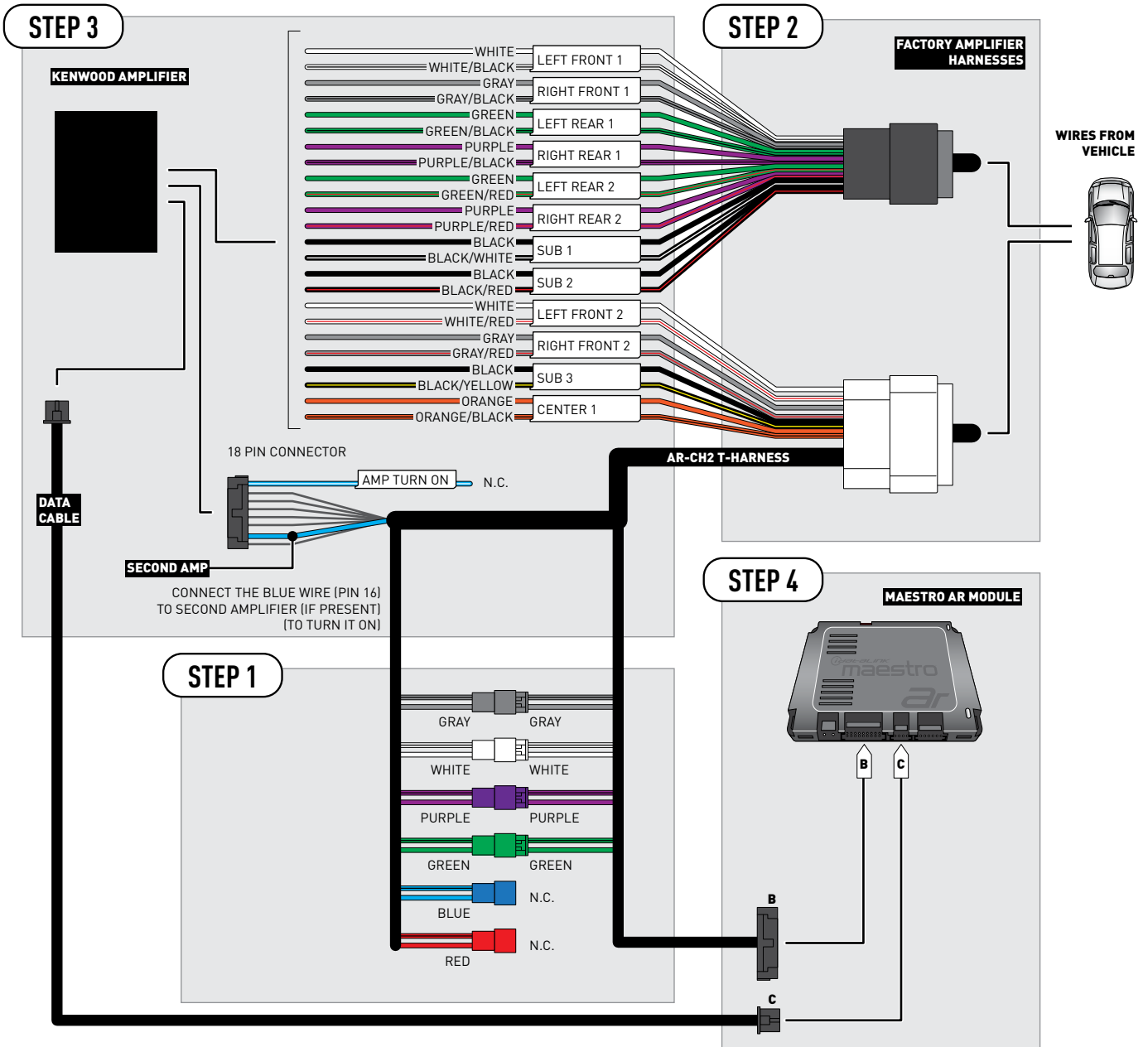
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

STEP 4

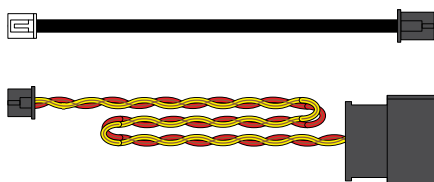
- Connect all the harnesses to the Maestro AR module.

- 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



CONNECTIONS NOT REQUIRED

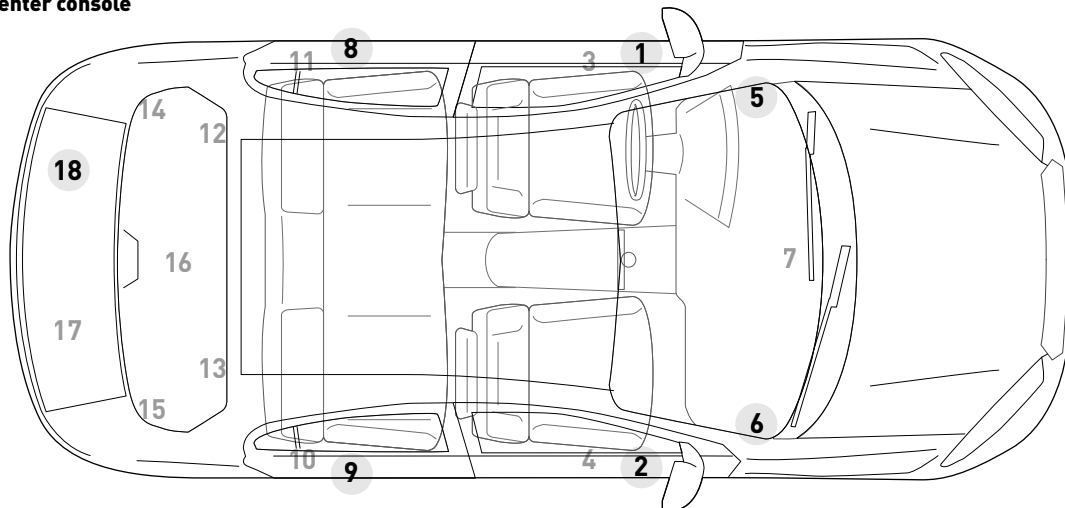


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	5
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Subwoofer 1 (+)	18
	Green/Red	Subwoofer 1 (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Subwoofer 2 (+)	18
	Purple/Red	Subwoofer 2 (-)	
CENTER 1	Orange	n/a	
	Orange/Black	n/a	
SUB 1	Black	n/a	
	Black/White	n/a	
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	n/a	
	Black/Yellow	n/a	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Center console





INSTALL GUIDE JEEP CHEROKEE 2014-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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**

 **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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

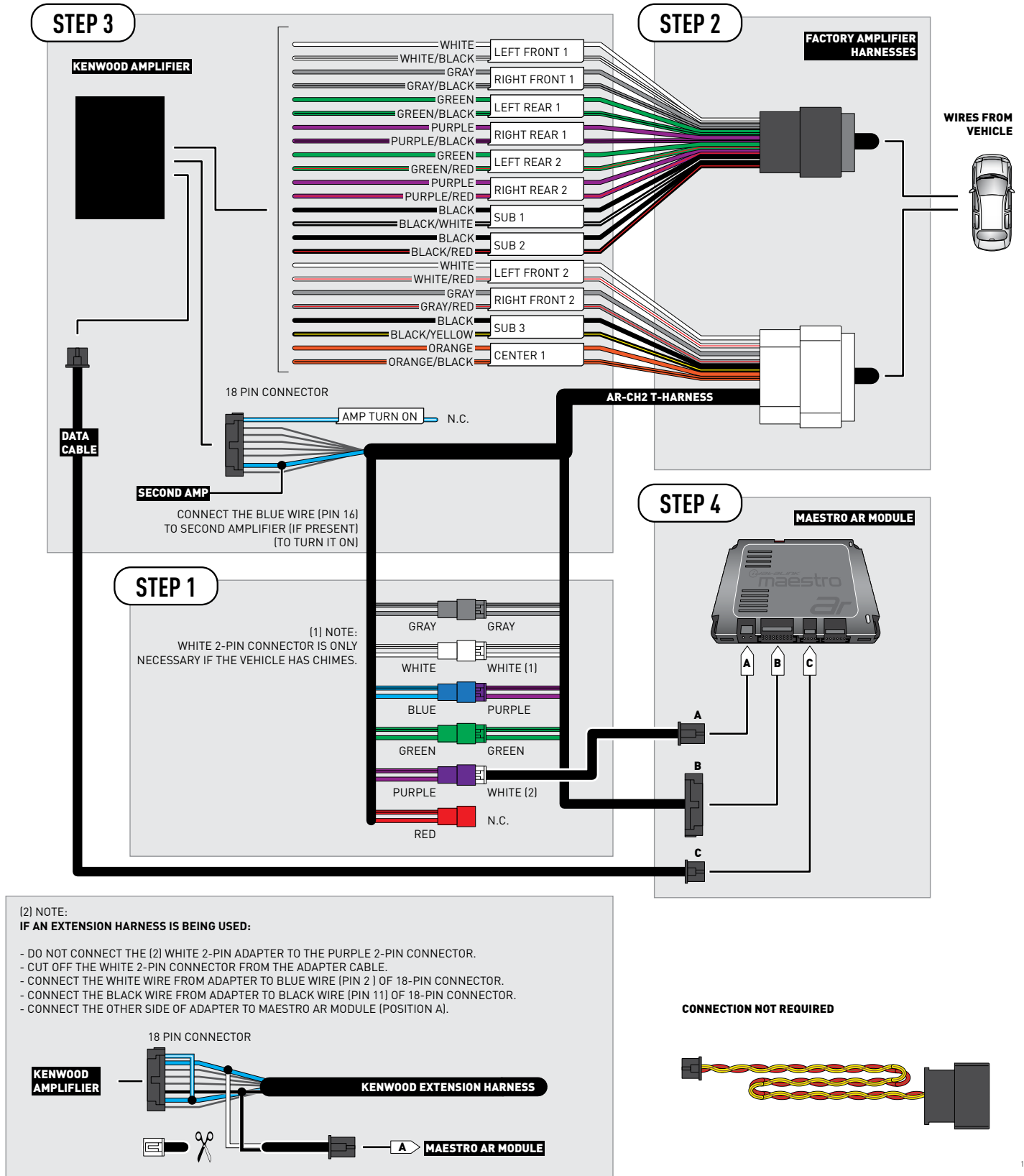
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

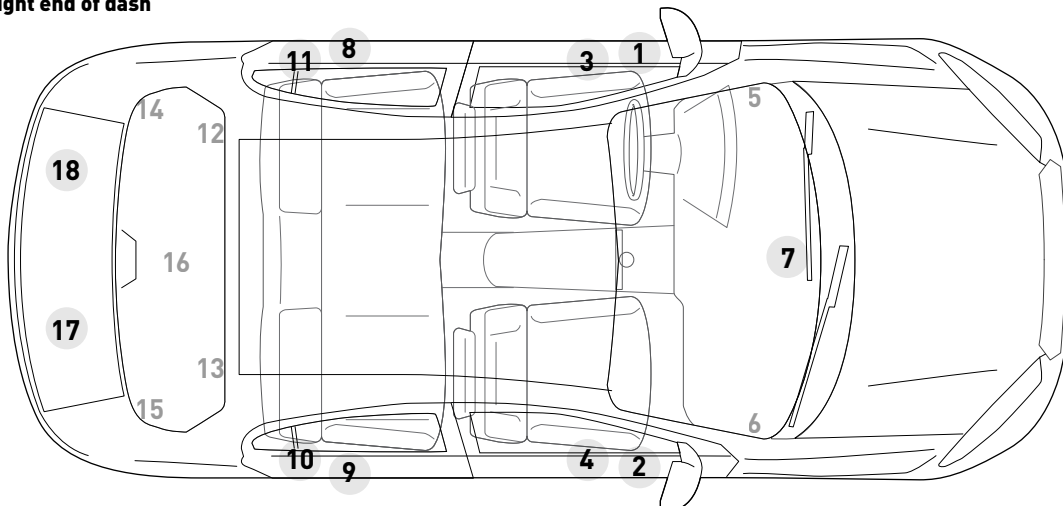


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	3
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	4
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Tweeter (+)	11
	Green/Black	Left Rear Tweeter (-)	
LEFT REAR 2	Green	Subwoofer 1 (+)	18
	Green/Red	Subwoofer 1 (-)	
RIGHT REAR 1	Purple	Right Rear Tweeter (+)	10
	Purple/Black	Right Rear Tweeter (-)	
RIGHT REAR 2	Purple	Subwoofer 2 (+)	17
	Purple/Red	Subwoofer 2 (-)	
CENTER 1	Orange	Left Rear Speaker (+)	8
	Orange/Black	Left Rear Speaker (-)	
SUB 1	Black	n/a	
	Black/White	n/a	
SUB 2	Black	Right Rear Speaker (+)	9
	Black/Red	Right Rear Speaker (-)	
SUB 3	Black	Center Speaker (+)	7
	Black/Yellow	Center Speaker (-)	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Right end of dash





INSTALL GUIDE

JEEP GRAND CHEROKEE

2014-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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?

 1 866 427-2999

 support@idatalink.com

 maestro.idatalink.com/support
www.12voltdata.com/forum

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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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

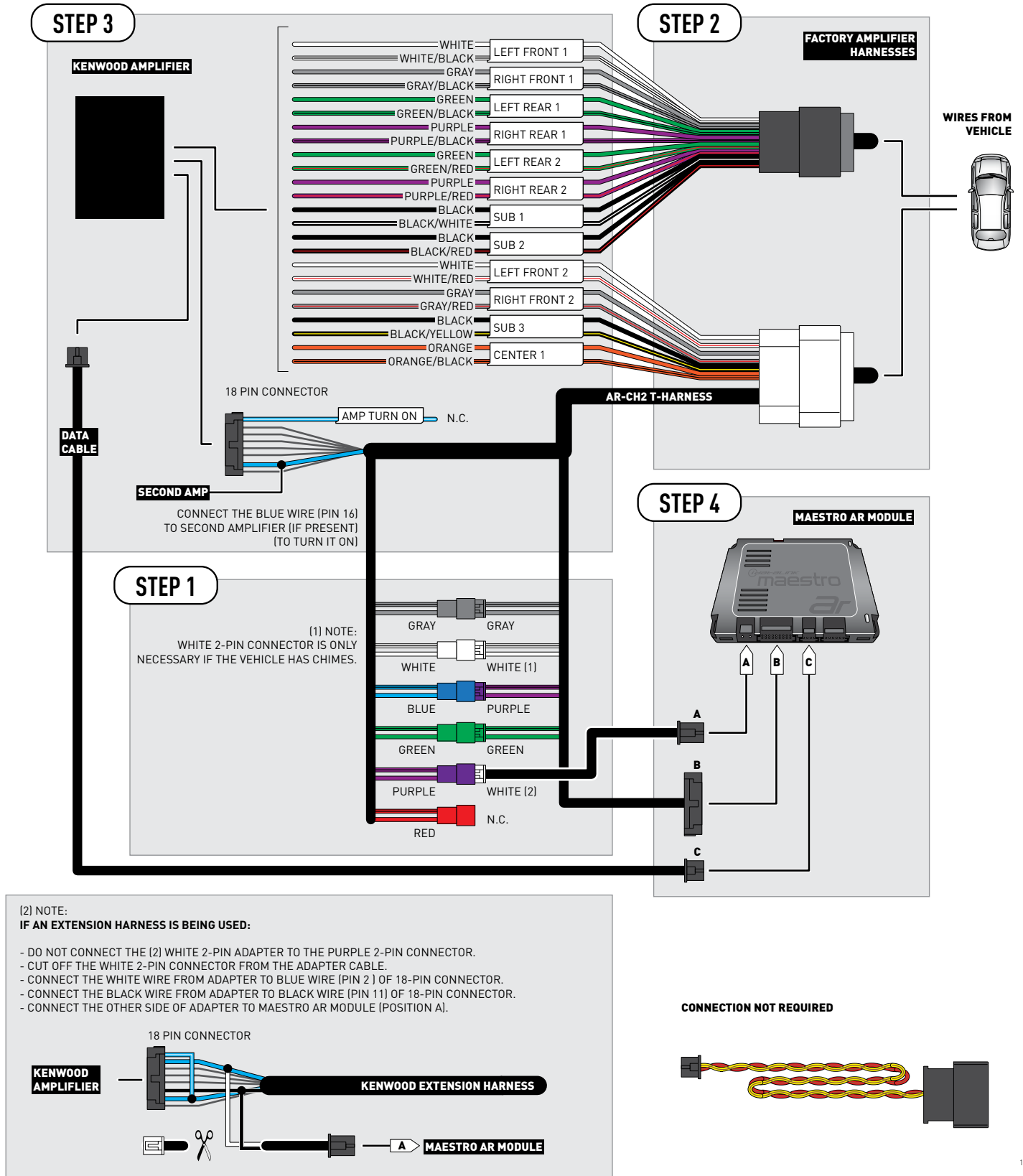
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

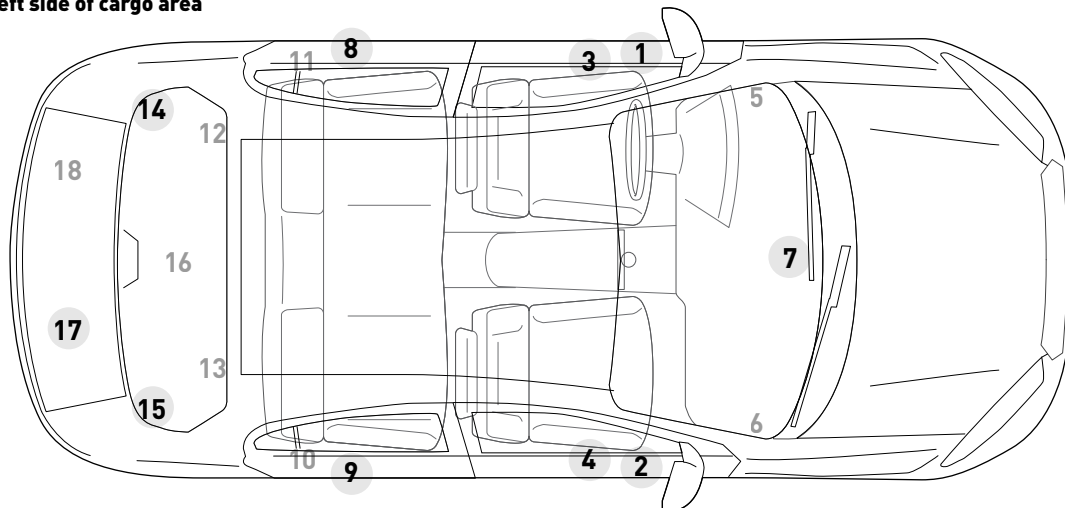


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	3
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	4
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Subwoofer 2 (+)	17
	Green/Red	Subwoofer 2 (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Subwoofer 1 (+)	17
	Purple/Red	Subwoofer 1 (-)	
CENTER 1	Orange	Left Rear Speaker (+)	14
	Orange/Black	Left Rear Speaker (-)	
SUB 1	Black	Right Rear Speaker (+)	15
	Black/White	Right Rear Speaker (-)	
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	Center Speaker (+)	7
	Black/Yellow	Center Speaker (-)	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

Amplifier location: Left side of cargo area





INSTALL GUIDE RAM 1500 2013-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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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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?

 1 866 427-2999

 support@idatalink.com


 maestro.idatalink.com/support
www.12voltdata.com/forum

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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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

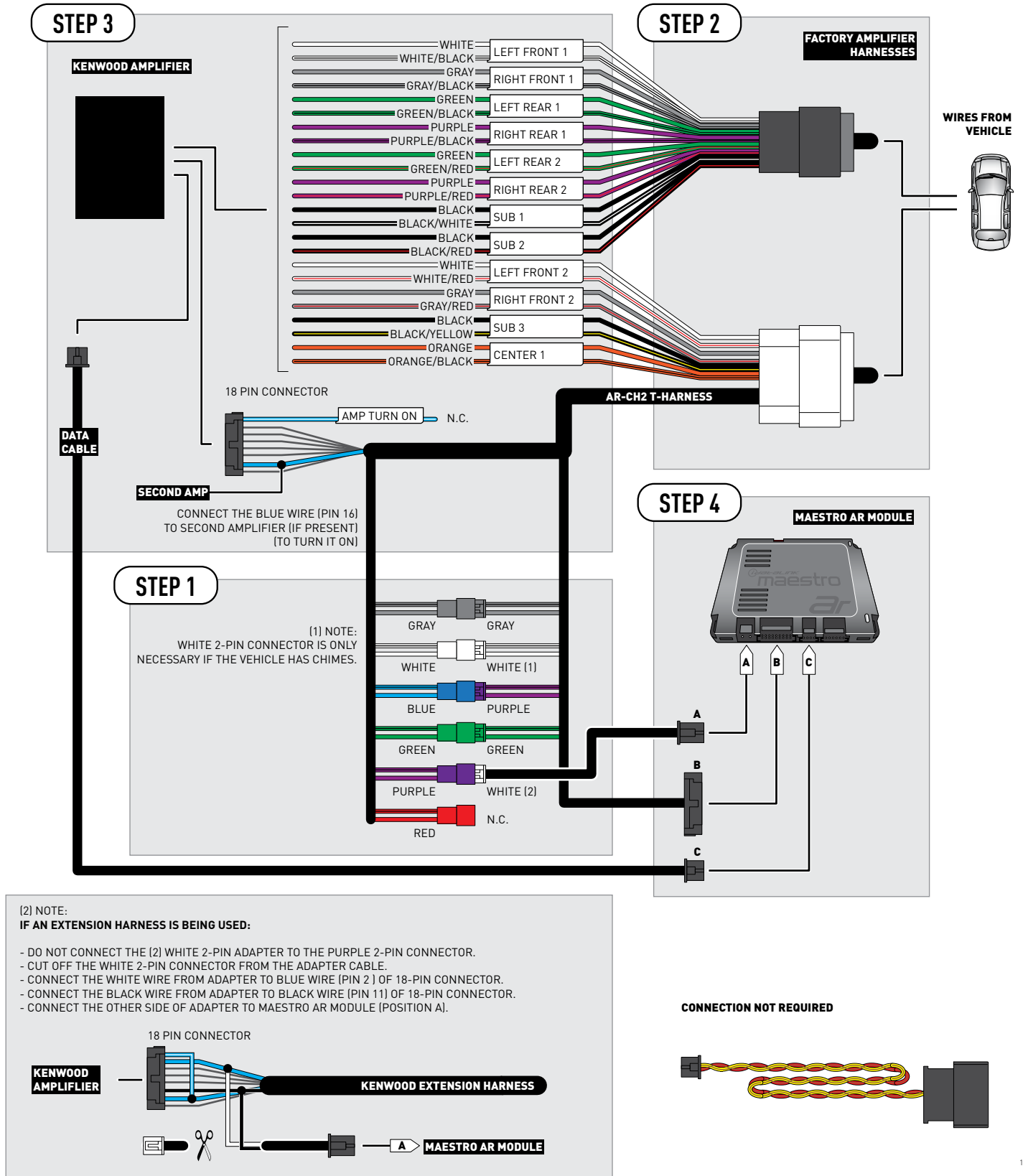
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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

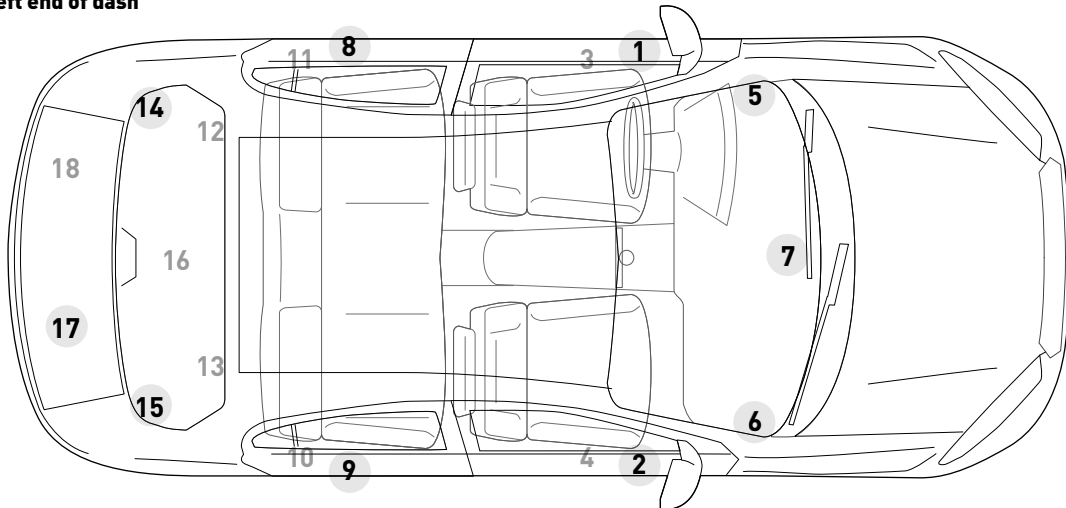


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	5
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	8
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Subwoofer 1 (+)	17
	Green/Red	Subwoofer 1 (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	9
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Center Speaker (+)	7
	Purple/Red	Center Speaker (-)	
CENTER 1	Orange	Left Rear Tweeter (+)	14
	Orange/Black	Left Rear Tweeter (-)	
SUB 1	Black	Right Rear Tweeter (+)	15
	Black/White	Right Rear Tweeter (-)	
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	Subwoofer 2 (+)	17
	Black/Yellow	Subwoofer 2 (-)	

Note: The amplifier output colors and labels on the AR-CH2 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 RAM 2500 & 3500 2013-2017

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



KENWOOD

PRODUCTS REQUIRED

iDatalink Maestro AR Amplifier Replacement Interface
iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES

Extension harness provided with
Kenwood amplifier

PROGRAMMED FIRMWARE

ADS-AR-CHR02

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**

 **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-CH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the AR-CH2 T-harness.

STEP 3

- Connect the wires from the AR-CH2 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 CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

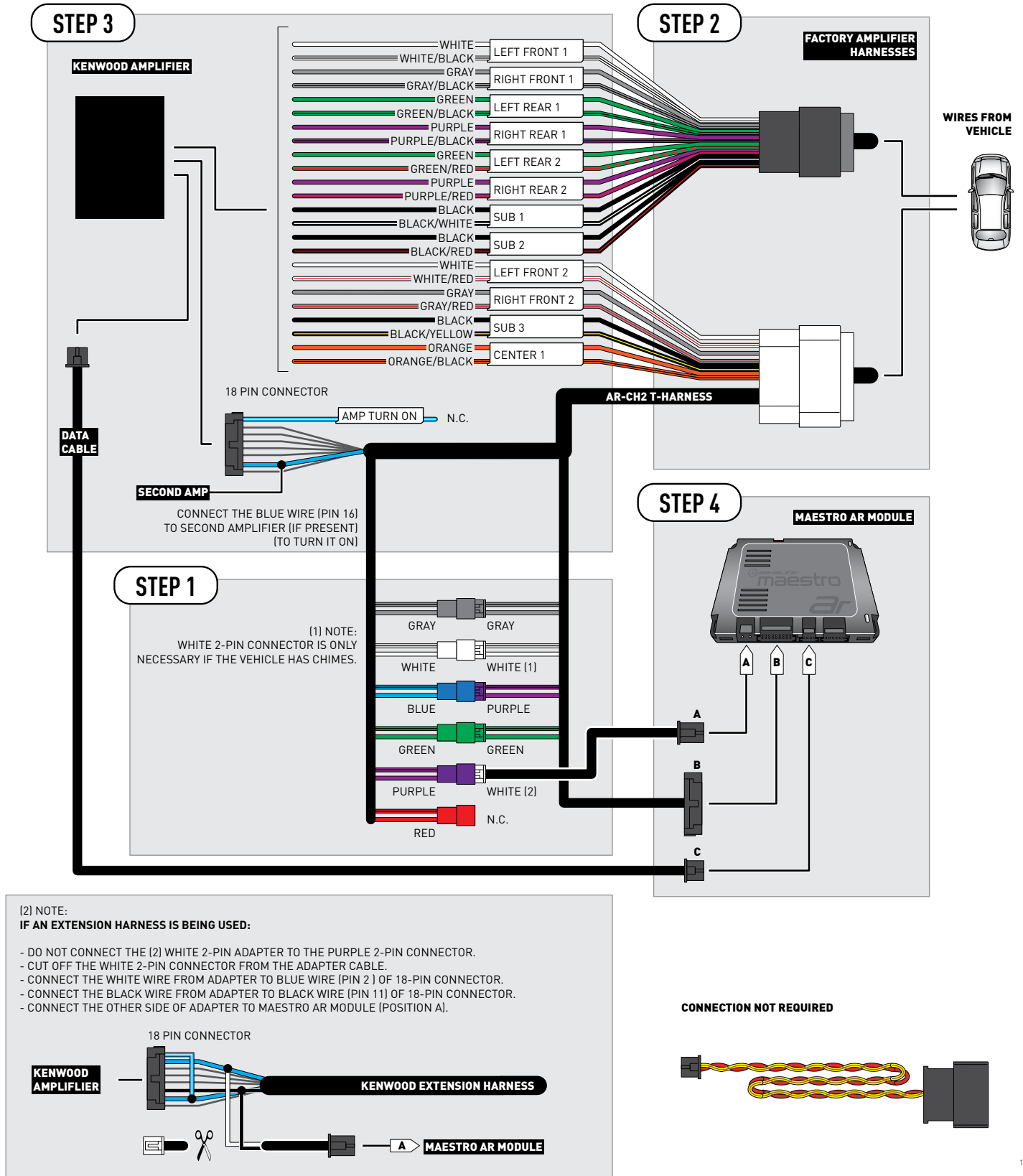
- Plug the connector from the AR-CH2 T-Harness into the aftermarket amplifier.
- Plug the Data cable to the data port of the aftermarket amplifier.

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



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	5
	White/Red	Left Front Tweeter (-)	
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
	Gray/Black	Right Front Speaker (-)	
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
	Gray/Red	Right Front Tweeter (-)	
LEFT REAR 1	Green	Left Rear Speaker (+)	
	Green/Black	Left Rear Speaker (-)	
LEFT REAR 2	Green	Subwoofer 1 (+)	17
	Green/Red	Subwoofer 1 (-)	
RIGHT REAR 1	Purple	Right Rear Speaker (+)	
	Purple/Black	Right Rear Speaker (-)	
RIGHT REAR 2	Purple	Center Speaker (+)	7
	Purple/Red	Center Speaker (-)	
CENTER 1	Orange	Left Rear Tweeter (+)	14
	Orange/Black	Left Rear Tweeter (-)	
SUB 1	Black	Right Rear Tweeter (+)	15
	Black/White	Right Rear Tweeter (-)	
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	Subwoofer 2 (+)	17
	Black/Yellow	Subwoofer 2 (-)	

Note: The amplifier output colors and labels on the AR-CH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, follow this wiring chart.

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