

maestro

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.
- 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.



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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Vehicle Wire Reference Chart	6

NEED HELP?



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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.

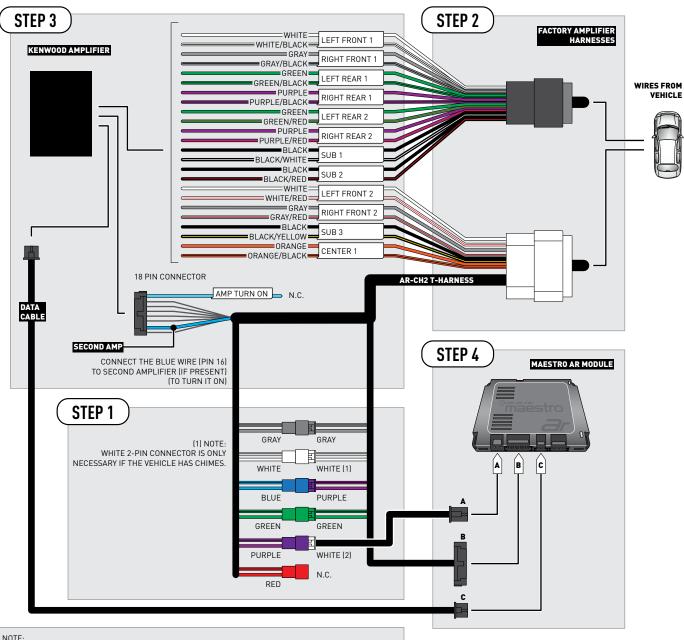
STEP 4

• 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/"



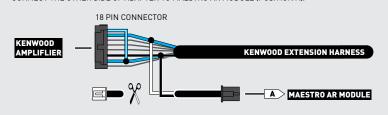
WIRING DIAGRAM



(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



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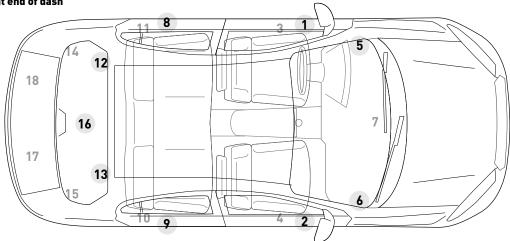


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEET EDON'T 1	White	Left Front Mid (+)	1
LEFT FRONT 1	White/Black	Left Front Mid (-)	1
LEFT FRONT 2	White	Left Front Tweeter (+)	5
LEFT FRUNT 2	White/Red	Left Front Tweeter (-)	ט
RIGHT FRONT 1	Gray	Right Front Mid (+)	2
RIGHT FRUNT I	Gray/Black	Right Front Mid (-)	2
DIQUIT EDONIT 3	Gray	Right Front Tweeter (+)	6
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	6
LEET DEAD 1	Green	Left Rear Mid (+)	10
LEFT REAR 1	Green/Black	Left Rear Mid (-)	12
LEET DEAD O	Green	Subwoofer 1 (+)	4./
LEFT REAR 2	Green/Red	Subwoofer 1 (-)	16
DICUIT DEAD 1	Purple	Right Rear Mid (+)	12
RIGHT REAR 1	Purple/Black	Right Rear Mid (-)	13
DIQUIT DEAD 2	Purple	Subwoofer 2 (+)	1/
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)	16
OFNITED 1	Orange	Left Rear Tweeter (+)	8
CENTER 1	Orange/Black	Left Rear Tweeter (-)	8
SUB 1	Black	n/a	
20R I	Black/White	n/a	
CLID 2	Black	Right Rear Tweeter (+)	9
SUB 2	Black/Red	Right Rear Tweeter (-)	7
CLID 2	Black	n/a	
SUB 3	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





CHRYSLER 300 2012-2014

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MAESTRO AR PROGRAMMABLE FEATURES

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

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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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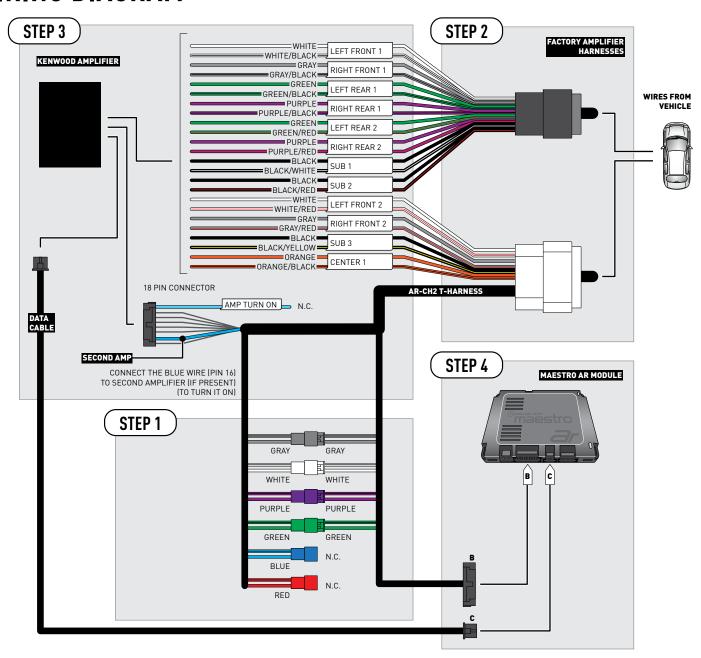
STEP 4

• Connect all the harnesses to the Maestro AR module.

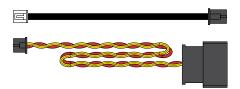
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WIRING DIAGRAM



CONNECTIONS NOT REQUIRED



2

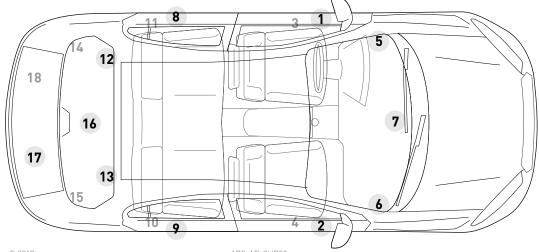


VEHICLE WIRE REFERENCE CHART

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LEFT FRUIT	White/Black	Left Front Speaker (-)	ı
LEFT FRONT 2	White	Left Front Tweeter (+)	5
LEFT FRUINT 2	White/Red	Left Front Tweeter (-)	5
DICUT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRONT 1	Gray/Black	Right Front Speaker (-)	2
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	/
RIGHT FRUNT Z	Gray/Red	Right Front Tweeter (-)	6
LEET DEAD 1	Green	Left Rear Speaker (+)	0
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
LEET DEAD O	Green	Left Rear Tweeter (+)	10
LEFT REAR 2	Green/Red	Left Rear Tweeter (-)	12
DIQUE DEAD 1	Purple	Right Rear Speaker (+)	9
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DEAD O	Purple	Right Rear Tweeter (+)	10
RIGHT REAR 2	Purple/Red	Right Rear Tweeter (-)	13
OENTED 4	Orange	Center Speaker (+)	
CENTER 1	Orange/Black	Center Speaker (-)	7
CUD 4	Black	Subwoofer 1 (+)	45
SUB 1	Black/White	Subwoofer 1 (-)	17
CUD 0	Black	Subwoofer 2 (+)	45
SUB 2	Black/Red	Subwoofer 2 (-)	17
CUDO	Black	Subwoofer 3 (+)	16
SUB 3	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





CHRYSLER 300 2015-2016

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KENWOOD

PRODUCTS REQUIRED

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OPTIONAL ACCESSORIES

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PROGRAMMED FIRMWARE

ADS-AR-CHR02

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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.
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- 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

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STEP 3

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

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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.

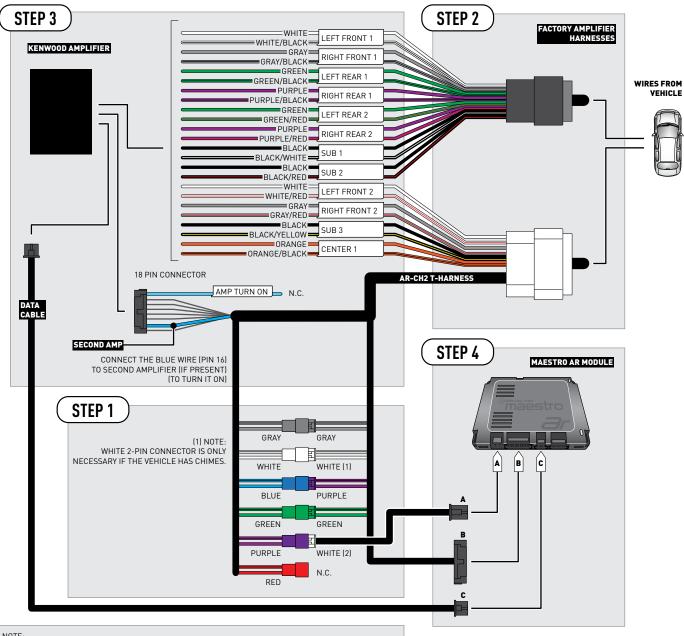
STEP 4

• Connect all the harnesses to the Maestro AR module.

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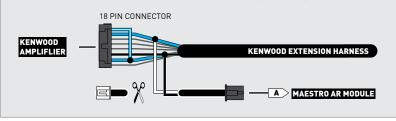
WIRING DIAGRAM



(2) NOTE: IF AN EXTENSION HARNESS IS BEING USED:

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- 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



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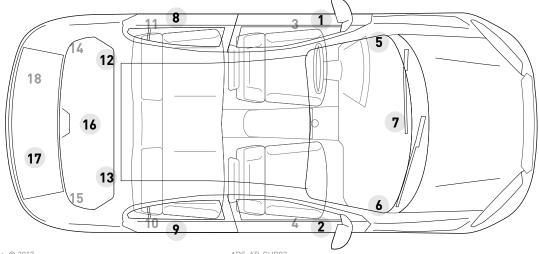


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
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LEFT FRUIT	White/Black	Left Front Speaker (-)	ı
LEFT FRONT 2	White	Left Front Tweeter (+)	5
LEFT FRUINT 2	White/Red	Left Front Tweeter (-)	5
DICUT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRONT 1	Gray/Black	Right Front Speaker (-)	2
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	/
RIGHT FRUNT Z	Gray/Red	Right Front Tweeter (-)	6
LEET DEAD 1	Green	Left Rear Speaker (+)	0
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
LEET DEAD O	Green	Left Rear Tweeter (+)	10
LEFT REAR 2	Green/Red	Left Rear Tweeter (-)	12
DIQUE DEAD 1	Purple	Right Rear Speaker (+)	9
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DEAD O	Purple	Right Rear Tweeter (+)	10
RIGHT REAR 2	Purple/Red	Right Rear Tweeter (-)	13
OENTED 4	Orange	Center Speaker (+)	
CENTER 1	Orange/Black	Center Speaker (-)	7
CUD 4	Black	Subwoofer 1 (+)	45
SUB 1	Black/White	Subwoofer 1 (-)	17
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SUB 2	Black/Red	Subwoofer 2 (-)	17
CUDO	Black	Subwoofer 3 (+)	16
SUB 3	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





DODGE CHALLENGER 2015-2017

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KENWOOD

PRODUCTS REQUIRED

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PROGRAMMED FIRMWARE

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MAESTRO AR PROGRAMMABLE FEATURES

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• 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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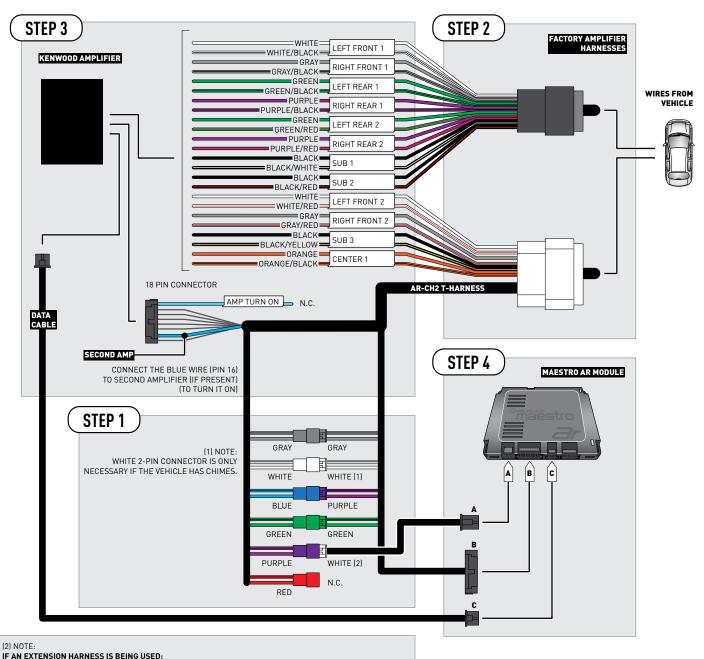
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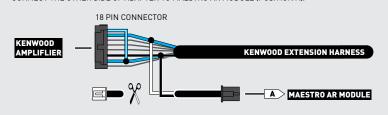


WIRING DIAGRAM



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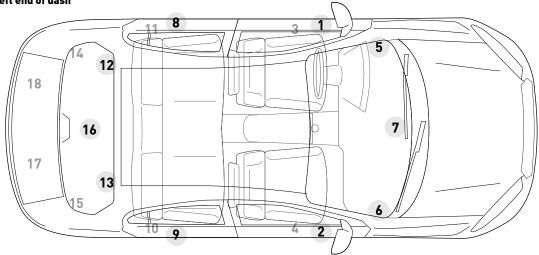


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INSTALL GUIDE DODGE CHARGER 2012-2014

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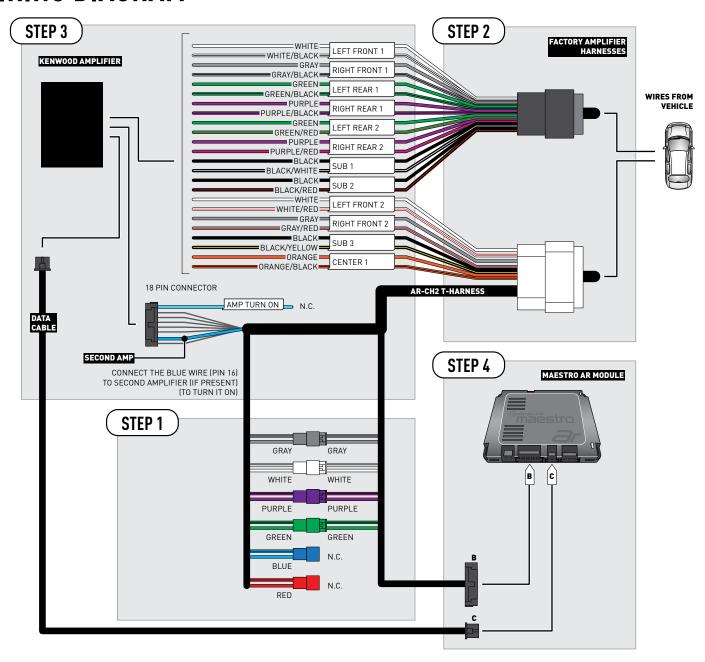
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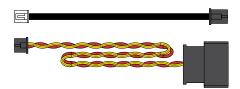
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WIRING DIAGRAM



CONNECTIONS NOT REQUIRED



2

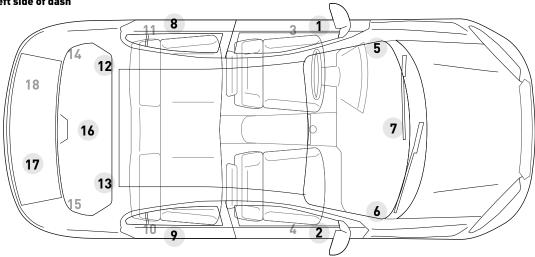


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RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)	2
DIQUIT FDONT 2	Gray	Right Front Tweeter (+)	6
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	6
LEET DEAD 1	Green	Left Rear Speaker (+)	0
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
LEET DEAD O	Green	Left Rear Speaker (+)	10
LEFT REAR 2	Green/Red	Left Rear Speaker (-)	12
DIQUE DEAD 1	Purple	Right Rear Speaker (+)	9
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DEAD O	Purple	Right Rear Speaker (+)	10
RIGHT REAR 2	Purple/Red	Right Rear Speaker (-)	13
OFNITED 4	Orange	Center Speaker (+)	_
CENTER 1	Orange/Black	Center Speaker (-)	7
CLID 4	Black	Subwoofer 1 (+)	4.5
SUB 1	Black/White	Subwoofer 1 (-)	17
CLID O	Black	Subwoofer 2 (+)	17
SUB 2	Black/Red	Subwoofer 2 (-)	17
CLID 2	Black	Subwoofer 3 (+)	1/
SUB 3	Black/Yellow	Subwoofer 3 (-)	16

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





DODGE CHARGER 2015-2017

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?



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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.

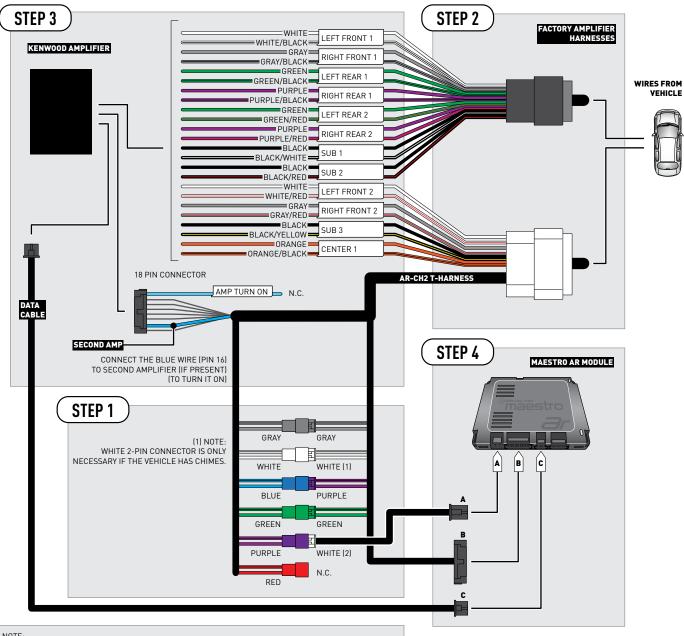
STEP 4

• 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/"



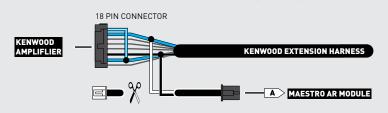
WIRING DIAGRAM



(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



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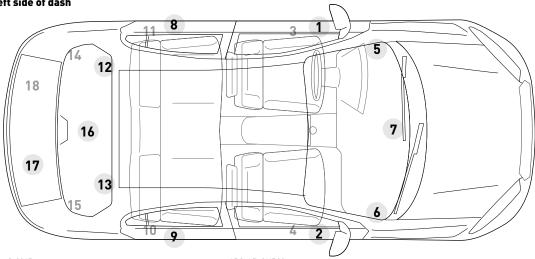


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEET EDON'T 1	White	Left Front Speaker (+)	1
LEFT FRONT 1	White/Black	Left Front Speaker (-)	1
LEFT FRONT 2	White	Left Front Tweeter (+)	5
LEFT FRUNT 2	White/Red	Left Front Tweeter (-)	ט
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)	2
DIQUIT FDONIT O	Gray	Right Front Tweeter (+)	6
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	6
LEET DEAD 1	Green	Left Rear Speaker (+)	0
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
LEET DEAD O	Green	Left Rear Speaker (+)	40
LEFT REAR 2	Green/Red	Left Rear Speaker (-)	12
DIQUE DEAD 1	Purple	Right Rear Speaker (+)	9
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DEAD O	Purple	Right Rear Speaker (+)	10
RIGHT REAR 2	Purple/Red	Right Rear Speaker (-)	13
OFNITED 4	Orange	Center Speaker (+)	7
CENTER 1	Orange/Black	Center Speaker (-)	/
CLID 4	Black	Subwoofer 1 (+)	4.5
SUB 1	Black/White	Subwoofer 1 (-)	17
SUB 2	Black	Subwoofer 2 (+)	45
	Black/Red	Subwoofer 2 (-)	17
CLID 2	Black	Subwoofer 3 (+)	1/
SUB 3	Black/Yellow	Subwoofer 3 (-)	16

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

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WELCOME

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

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

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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.

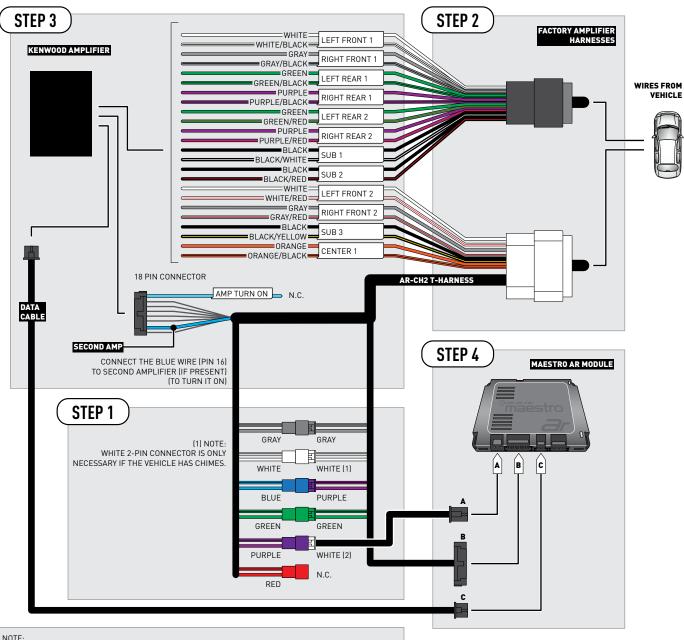
STEP 4

• 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/"



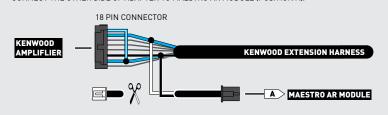
WIRING DIAGRAM



(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



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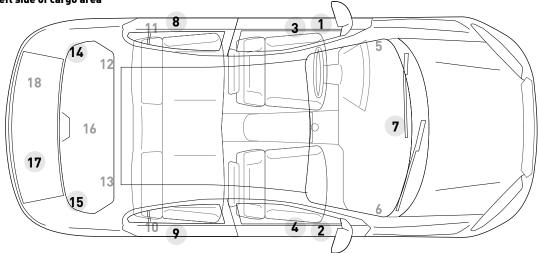


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEET EDON'T 1	White	Left Front Speaker (+)	1
LEFT FRONT 1	White/Black	Left Front Speaker (-)	
LEFT FRONT 2	White	Left Front Tweeter (+)	3
LEFT FROINT 2	White/Red	Left Front Tweeter (-)	3
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)	2
DICHT FRONT 2	Gray	Right Front Tweeter (+)	,
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	4
LEET DEAD 1	Green	Left Rear Speaker (+)	8
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	δ
LEET DEAD O	Green	Subwoofer 2 (+)	47
LEFT REAR 2	Green/Red	Subwoofer 2 (-)	17
DIQUE DEAD 1	Purple	Right Rear Speaker (+)	9
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DEAD 2	Purple	Subwoofer 1 (+)	17
RIGHT REAR 2	Purple/Red	Subwoofer 1 (-)	17
OFNITED 1	Orange	Left Rear Tweeter (+)	1/
CENTER 1	Orange/Black	Left Rear Tweeter (-)	14
CUD 4	Black	Right Rear Tweeter (+)	45
SUB 1	Black/White	Right Rear Tweeter (-)	15
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	Center Speaker (+)	7
2083	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

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WELCOME

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

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

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SETTINGS AND FEATURES

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.

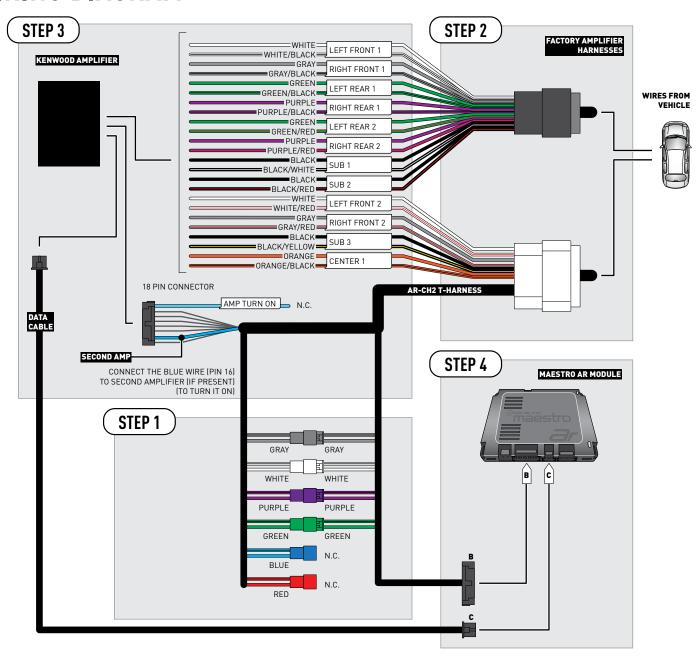
STEP 4

• Connect all the harnesses to the Maestro AR module.

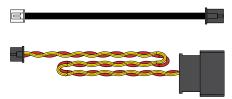
• For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"



WIRING DIAGRAM



CONNECTIONS NOT REQUIRED



3

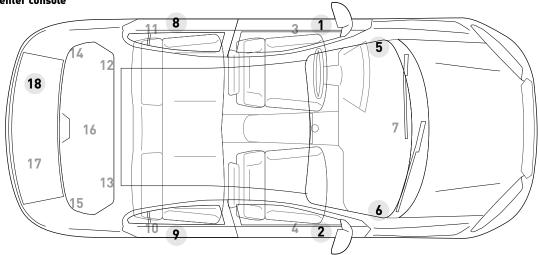


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
LEFT FROM I	White/Black	Left Front Speaker (-)	ı
LEFT FRONT 2	White	Left Front Tweeter (+)	5
LEITTINOINI Z	White/Red	Left Front Tweeter (-)	J
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUIT	Gray/Black	Right Front Speaker (-)	Z
RIGHT FRONT 2	Gray	Right Front Tweeter (+)	6
RIGHT FRUIT 2	Gray/Red	Right Front Tweeter (-)	0
LEET DEAD 1	Green	Left Rear Speaker (+)	0
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
LEET DEAD O	Green	Subwoofer 1 (+)	10
LEFT REAR 2	Green/Red	Subwoofer 1 (-)	18
DIQUE DEAD 1	Purple	Right Rear Speaker (+)	9
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUIT DEAD O	Purple	Subwoofer 2 (+)	10
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)	18
OFNITED 4	Orange	n/a	
CENTER 1	Orange/Black	n/a	
CUD 1	Black	n/a	
SUB 1	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





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

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WELCOME

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

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

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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.

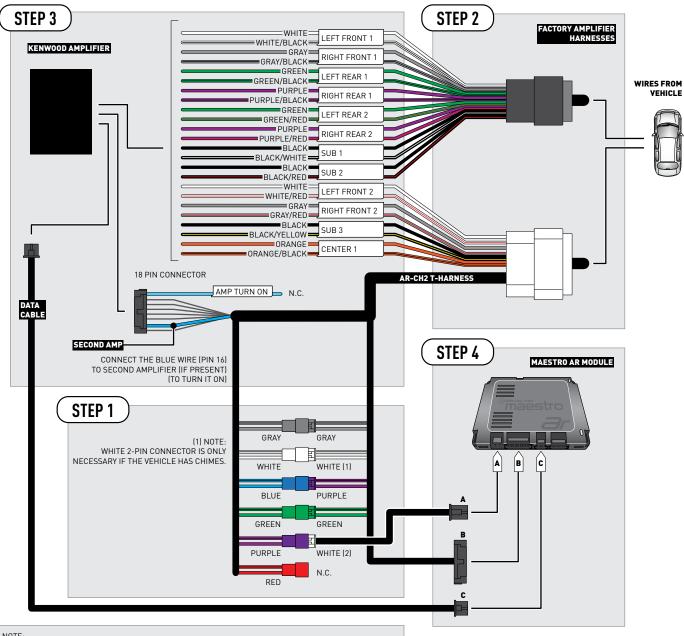
STEP 4

• 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/"



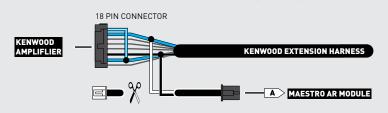
WIRING DIAGRAM



(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



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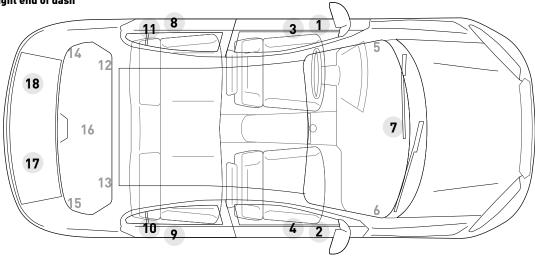


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
LEFT FRONT I	White/Black	Left Front Speaker (-)	ı
LEFT FRONT 2	White	Left Front Tweeter (+)	3
LEFT FRONT Z	White/Red	Left Front Tweeter (-)	S
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUITI	Gray/Black	Right Front Speaker (-)	Ζ
DIQUIT EDONIT 3	Gray	Right Front Tweeter (+)	,
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	4
LEET DEAD 4	Green	Left Rear Tweeter (+)	11
LEFT REAR 1	Green/Black	Left Rear Tweeter (-)	11
LEET DEAD O	Green	Subwoofer 1 (+)	10
LEFT REAR 2	Green/Red	Subwoofer 1 (-)	18
DIOLIT DEAD 1	Purple	Right Rear Tweeter (+)	10
RIGHT REAR 1	Purple/Black	Right Rear Tweeter (-)	10
DIQUIT DEAD O	Purple	Subwoofer 2 (+)	4.5
RIGHT REAR 2	Purple/Red	Subwoofer 2 (-)	17
OFNITED 4	Orange	Left Rear Speaker (+)	0
CENTER 1	Orange/Black	Left Rear Speaker (-)	8
CUD 4	Black	n/a	
SUB 1	Black/White	n/a	
SUB 2	Black	Right Rear Speaker (+)	0
	Black/Red	Right Rear Speaker (-)	9
SUB 3	Black	Center Speaker (+)	
	Black/Yellow	Center Speaker (-)	7

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





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

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WELCOME

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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.

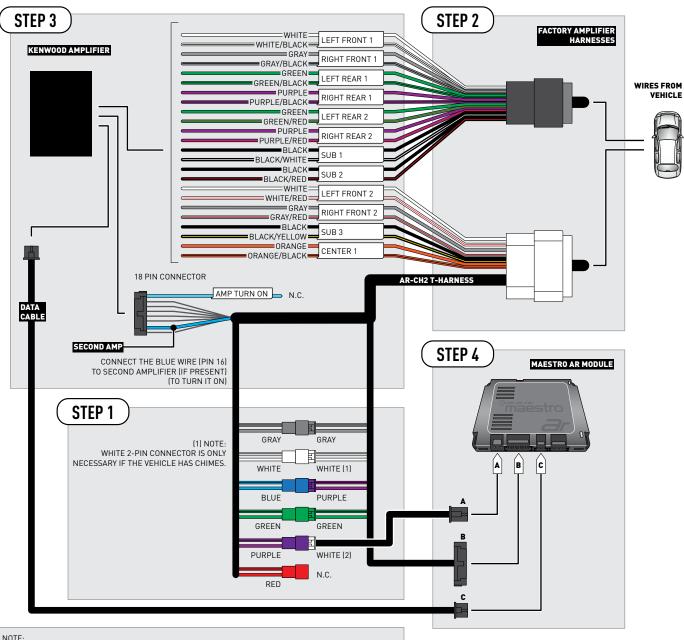
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• Connect all the harnesses to the Maestro AR module.

• 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/"



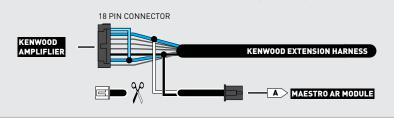
WIRING DIAGRAM



(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



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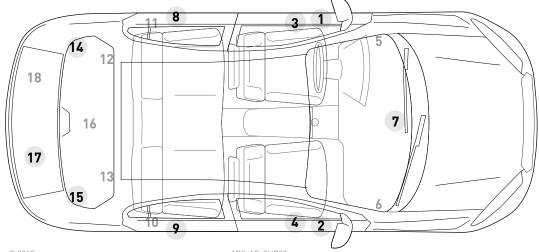


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEET EDON'T 1	White	Left Front Speaker (+)	1
LEFT FRONT 1	White/Black	Left Front Speaker (-)	I
LEFT FRONT 2	White	Left Front Tweeter (+)	3
LEFT FRUNT 2	White/Red	Left Front Tweeter (-)	3
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)	2
DIQUIT EDONIT 2	Gray	Right Front Tweeter (+)	4
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	4
LEET DEAD 4	Green	Left Rear Speaker (+)	0
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
1 FFT DF1 D 0	Green	Subwoofer 2 (+)	
LEFT REAR 2	Green/Red	Subwoofer 2 (-)	17
DIQUE DEAD 4	Purple	Right Rear Speaker (+)	0
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DE AD O	Purple	Subwoofer 1 (+)	45
RIGHT REAR 2	Purple/Red	Subwoofer 1 (-)	17
0511750.4	Orange	Left Rear Speaker (+)	
CENTER 1	Orange/Black	Left Rear Speaker (-)	14
CUD 4	Black	Right Rear Speaker (+)	45
SUB 1	Black/White	Right Rear Speaker (-)	15
SUB 2	Black	n/a	
	Black/Red	n/a	
SUB 3	Black	Center Speaker (+)	7
	Black/Yellow	Center Speaker (-)	7

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

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

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

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

NEED HELP?



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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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.

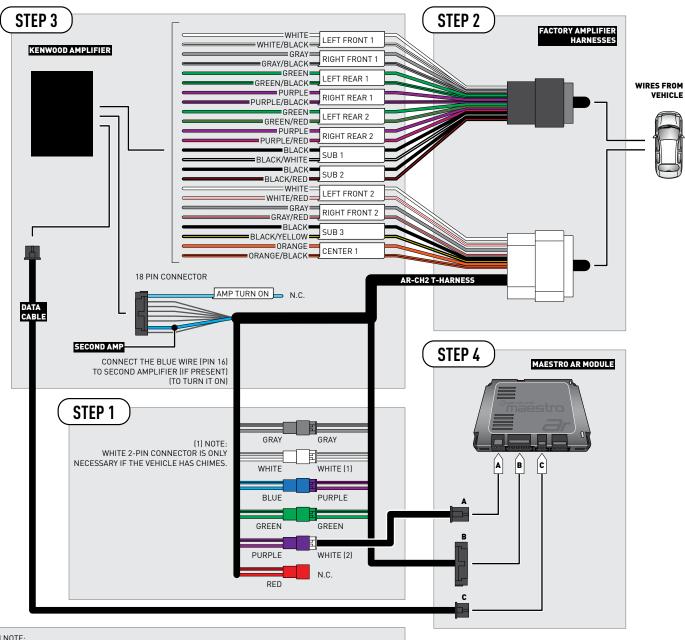
STEP 4

• Connect all the harnesses to the Maestro AR module.

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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 WHITE 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). 18 PIN CONNECTOR KENWOOD AMPLIFLIER KENWOOD EXTENSION HARNESS

CONNECTION NOT REQUIRED



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A MAESTRO AR MODULE

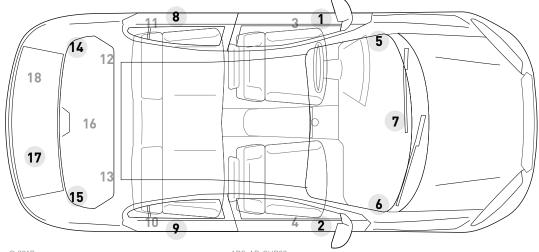


VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires	
Wire Tag	Wire Color	Speaker Wire Description	Component Position
LEFT FRONT 1	White	Left Front Speaker (+)	1
LEFT FRUNT I	White/Black	Left Front Speaker (-)	I
LEFT FRONT 2	White	Left Front Tweeter (+)	5
LEFT FRUNT 2	White/Red	Left Front Tweeter (-)	5
RIGHT FRONT 1	Gray	Right Front Speaker (+)	2
RIGHT FRUNT I	Gray/Black	Right Front Speaker (-)	2
DIQUIT EDONIT 3	Gray	Right Front Tweeter (+)	,
RIGHT FRONT 2	Gray/Red	Right Front Tweeter (-)	6
1 FET DEAD 1	Green	Left Rear Speaker (+)	
LEFT REAR 1	Green/Black	Left Rear Speaker (-)	8
1 FFT BF1B 0	Green	Subwoofer 1 (+)	45
LEFT REAR 2	Green/Red	Subwoofer 1 (-)	17
DIQUE DEAD 4	Purple	Right Rear Speaker (+)	0
RIGHT REAR 1	Purple/Black	Right Rear Speaker (-)	9
DIQUE DE LO C	Purple	Center Speaker (+)	
RIGHT REAR 2	Purple/Red	Center Speaker (-)	7
0511750.4	Orange	Left Rear Tweeter (+)	47
CENTER 1	Orange/Black	Left Rear Tweeter (-)	14
0110.4	Black	Right Rear Tweeter (+)	45
SUB 1	Black/White	Right Rear Tweeter (-)	15
SUB 2	Black	n/a	
	Black/Red	n/a	
CLID 2	Black	Subwoofer 2 (+)	17
SUB 3	Black/Yellow	Subwoofer 2 (-)	17

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

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NEED HELP?



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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

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.

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

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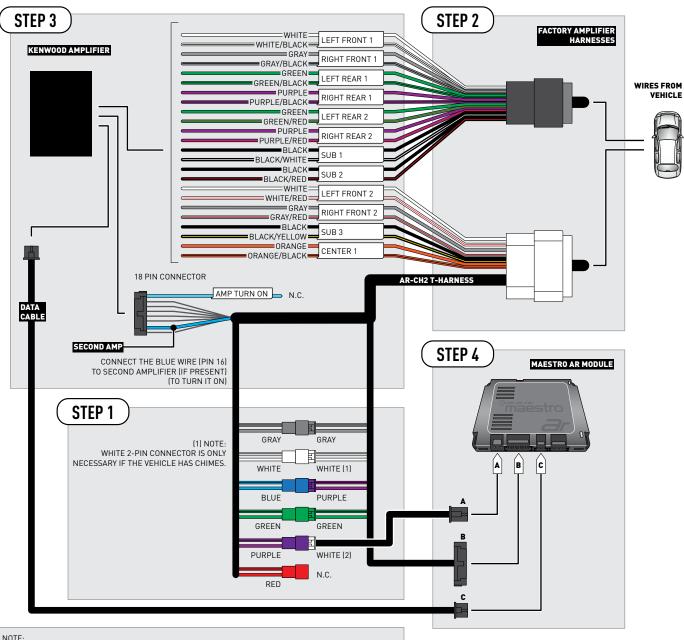
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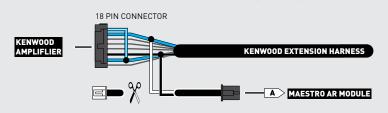
WIRING DIAGRAM



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



CONNECTION NOT REQUIRED



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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.

Amplifier location: Left end of dash

