◀ SELECT VEHICLE
PRINT PAGES NEEDED

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.

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.

INSTALL GUIDE
CHRYSLER 300
WITH HARMAN KARDON 2017

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

KENWOOD

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

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-CHR04

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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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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

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INSTALLATION INSTRUCTIONS

STEP 1

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

STEP 2

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

STEP 3

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

Note 1:

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

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

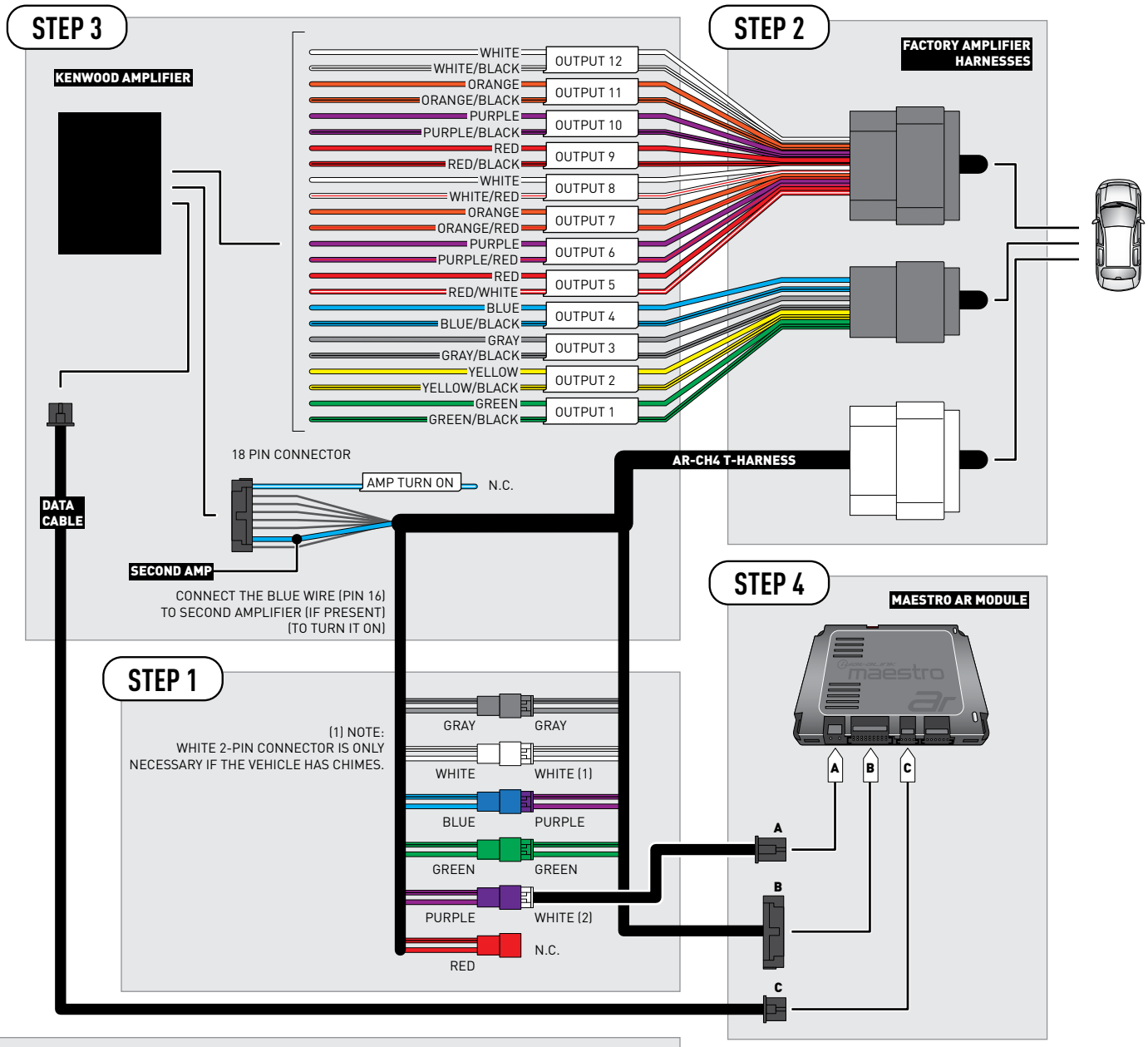
STEP 4

- Connect all the harnesses to the Maestro AR module.

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

1

WIRING DIAGRAM



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IF AN EXTENSION HARNESS IS BEING USED:

- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
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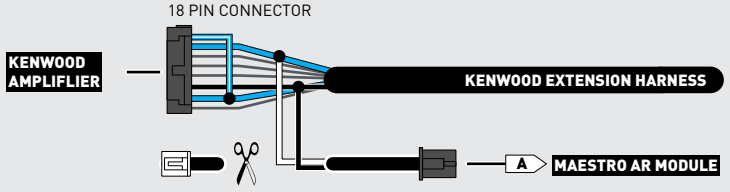
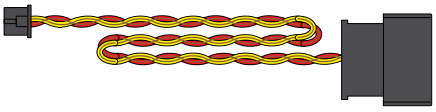


CONNECTION NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left end of dash

INSTALL GUIDE
CHRYSLER PACIFICA
WITH HARMAN KARDON 2017

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

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

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

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INSTALLATION INSTRUCTIONS

STEP 1

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1

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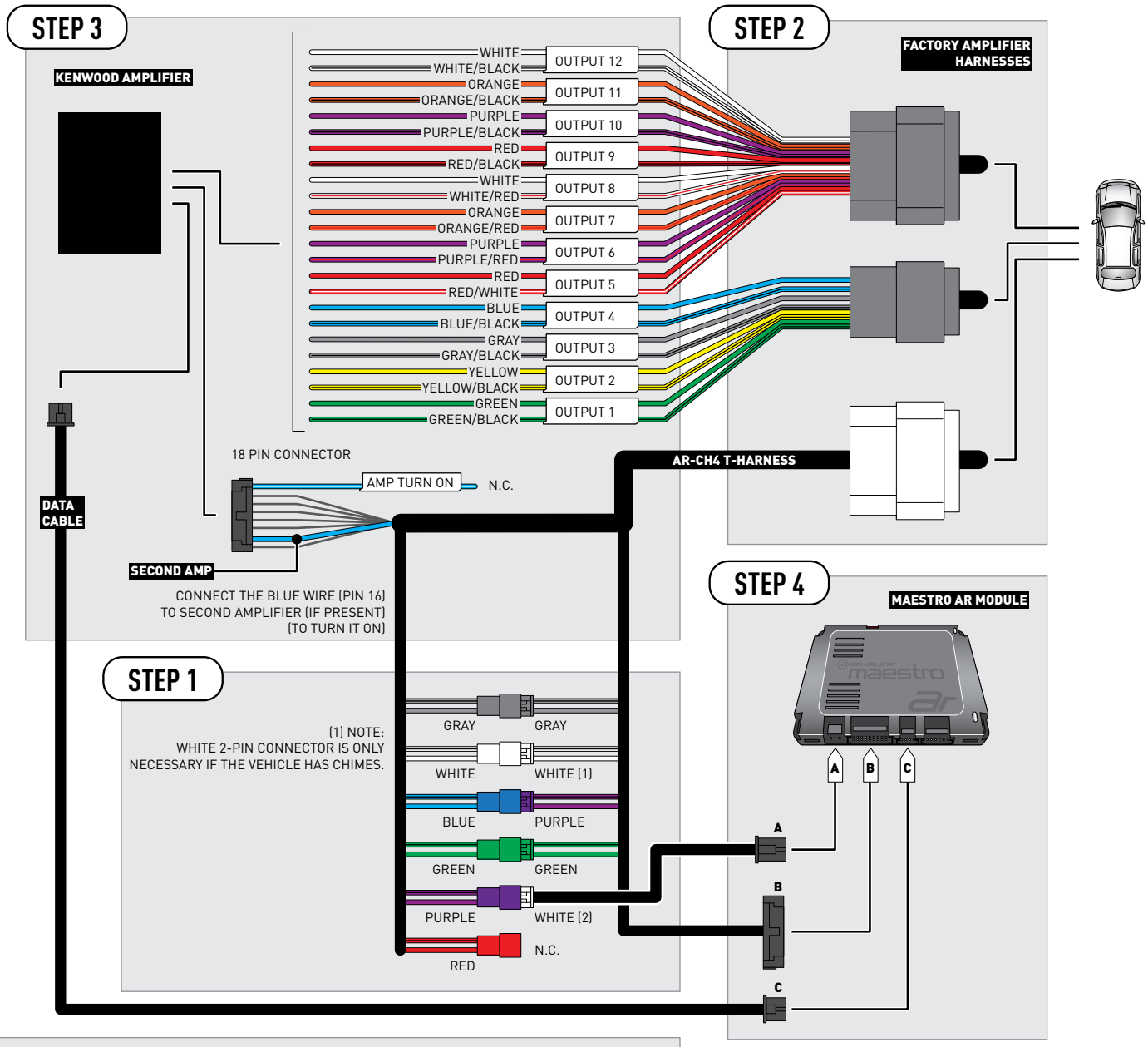

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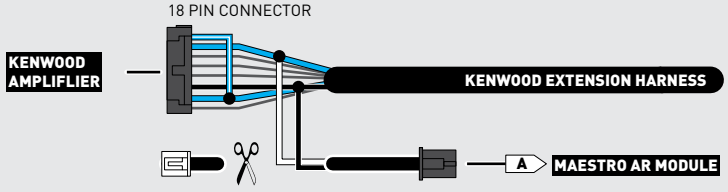
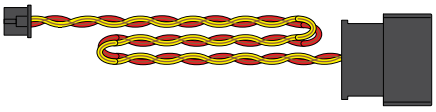


CONNECTION NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left quarter panel

INSTALL GUIDE
DODGE CHALLENGER
WITH HARMAN KARDON 2016-2017

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

KENWOOD

PRODUCTS REQUIRED
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iDatalink Maestro AR-CH4 Installation Harness

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-CHR04

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WELCOME

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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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

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INSTALLATION INSTRUCTIONS

STEP 1

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

STEP 2

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

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

Note 1:

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- Connect all the harnesses to the Maestro AR module.

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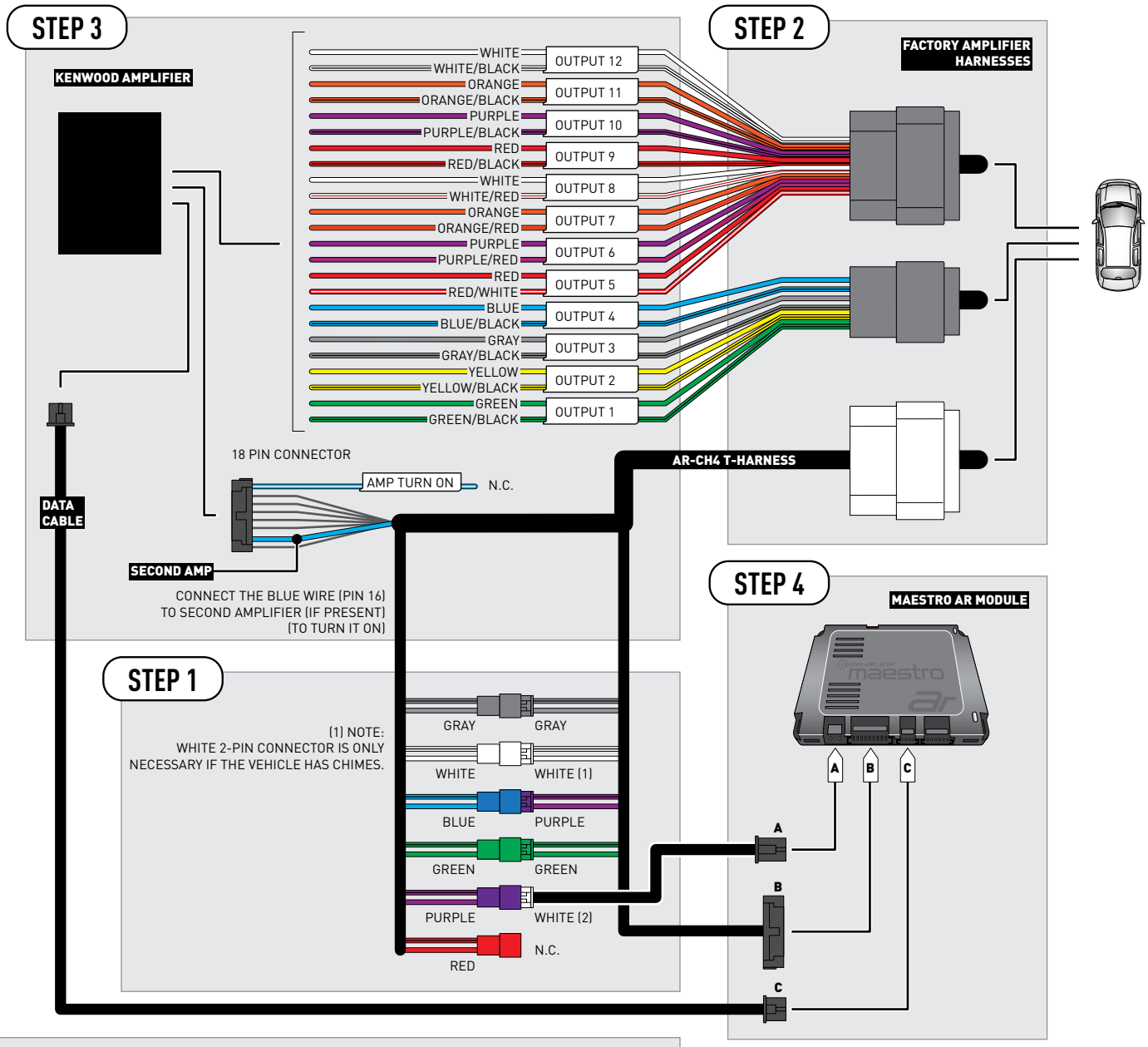
WIRING DIAGRAM



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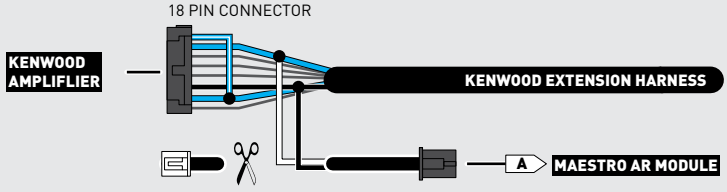
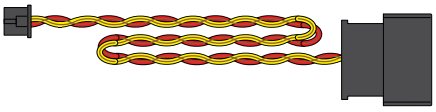


CONNECTION NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Driver kick panel

INSTALL GUIDE
DODGE CHARGER
WITH HARMAN KARDON 2016-2017

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

KENWOOD

PRODUCTS REQUIRED
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OPTIONAL ACCESSORIES
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PROGRAMMED FIRMWARE
ADS-AR-CHR04

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- Surround Control
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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
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STEP 2

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

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

Note 1:

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

- Plug the connector from the AR-CH4 T-Harness into the aftermarket amplifier.
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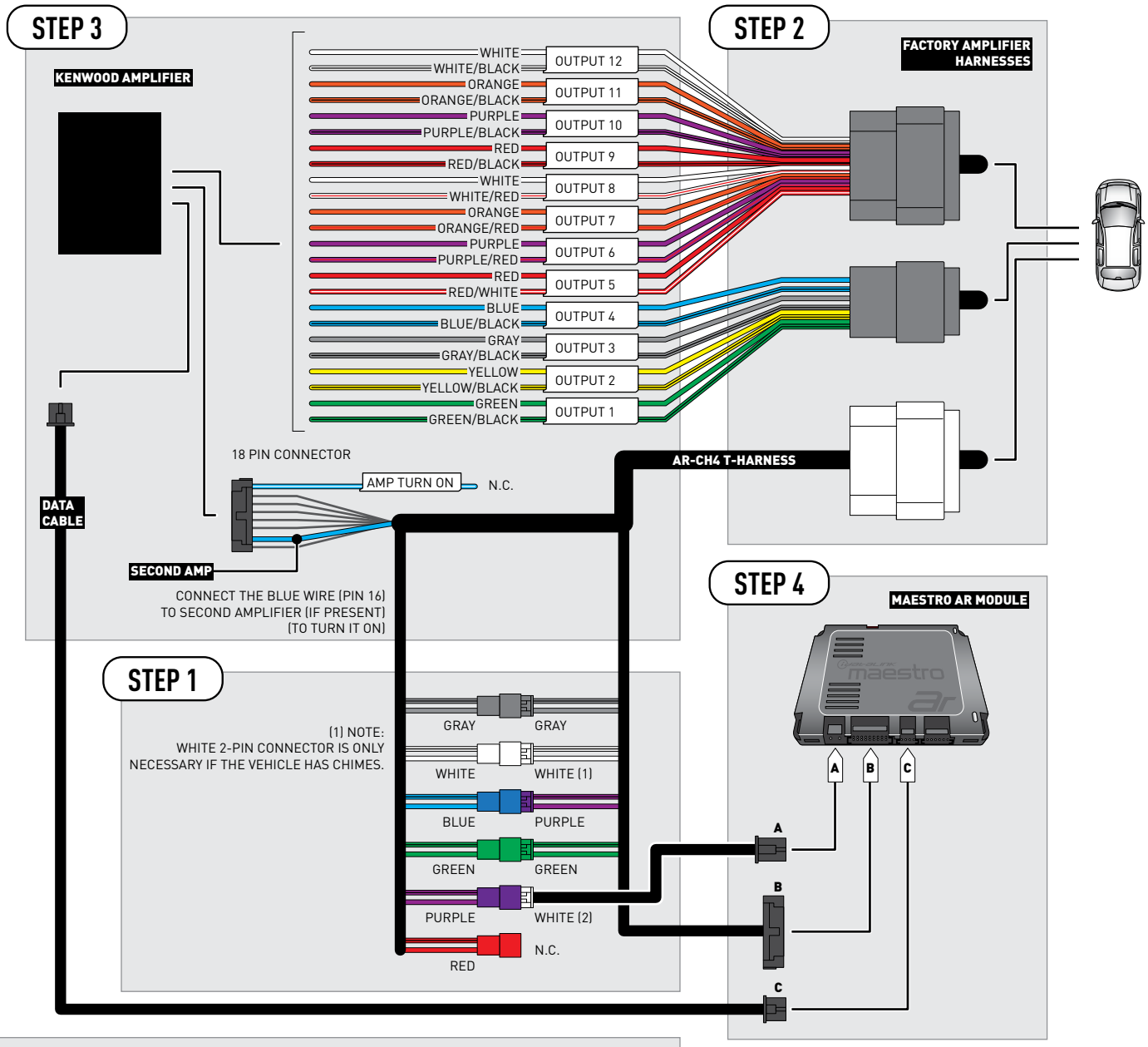

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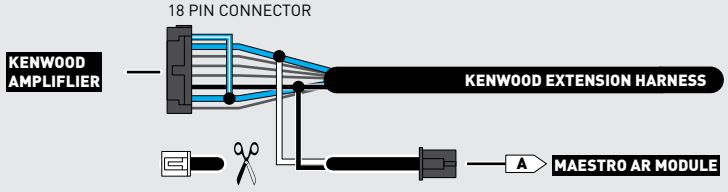

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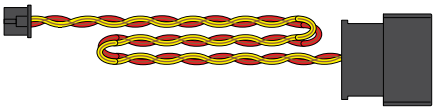

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Amplifier location: Left end of dash

INSTALL GUIDE
DODGE VIPER
WITH HARMAN KARDON 2016-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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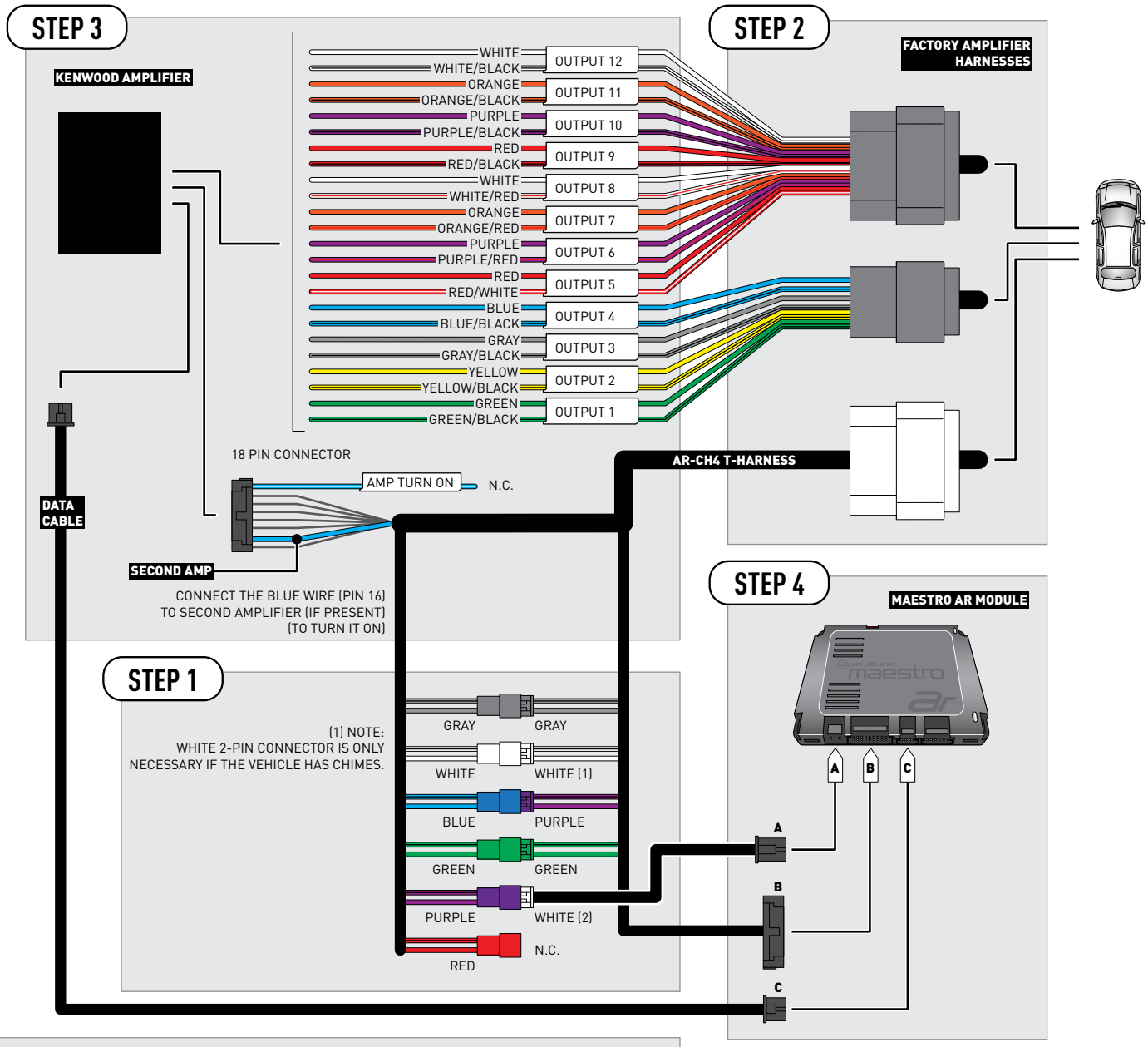
STEP 4

- 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/"

1

WIRING DIAGRAM



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IF AN EXTENSION HARNESS IS BEING USED:

- DO NOT CONNECT THE (2) WHITE 2-PIN ADAPTER TO THE PURPLE 2-PIN CONNECTOR.
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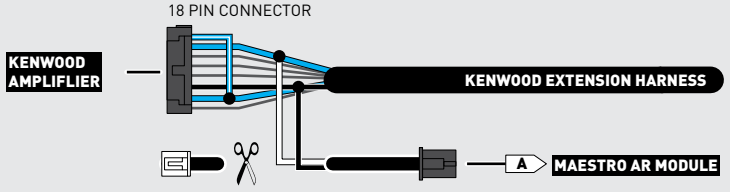
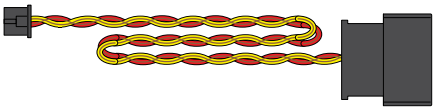


CONNECTION NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Right rear of trunk floor

INSTALL GUIDE
JEEP GRAND CHEROKEE
WITH HARMAN KARDON 2015-2017

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

KENWOOD

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

OPTIONAL ACCESSORIES
Extension harness provided with Kenwood amplifier

PROGRAMMED FIRMWARE
ADS-AR-CHR04

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

WELCOME

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

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

TABLE OF CONTENTS

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

NEED HELP?

1 866 427-2999

support@idatalink.com

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

SETTINGS AND FEATURES

CHIME ADJUSTMENT

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

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

MAESTRO AR PROGRAMMABLE FEATURES

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

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

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INSTALLATION INSTRUCTIONS

STEP 1

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

STEP 2

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

STEP 3

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

Note 1:

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

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

STEP 4

- Connect all the harnesses to the Maestro AR module.

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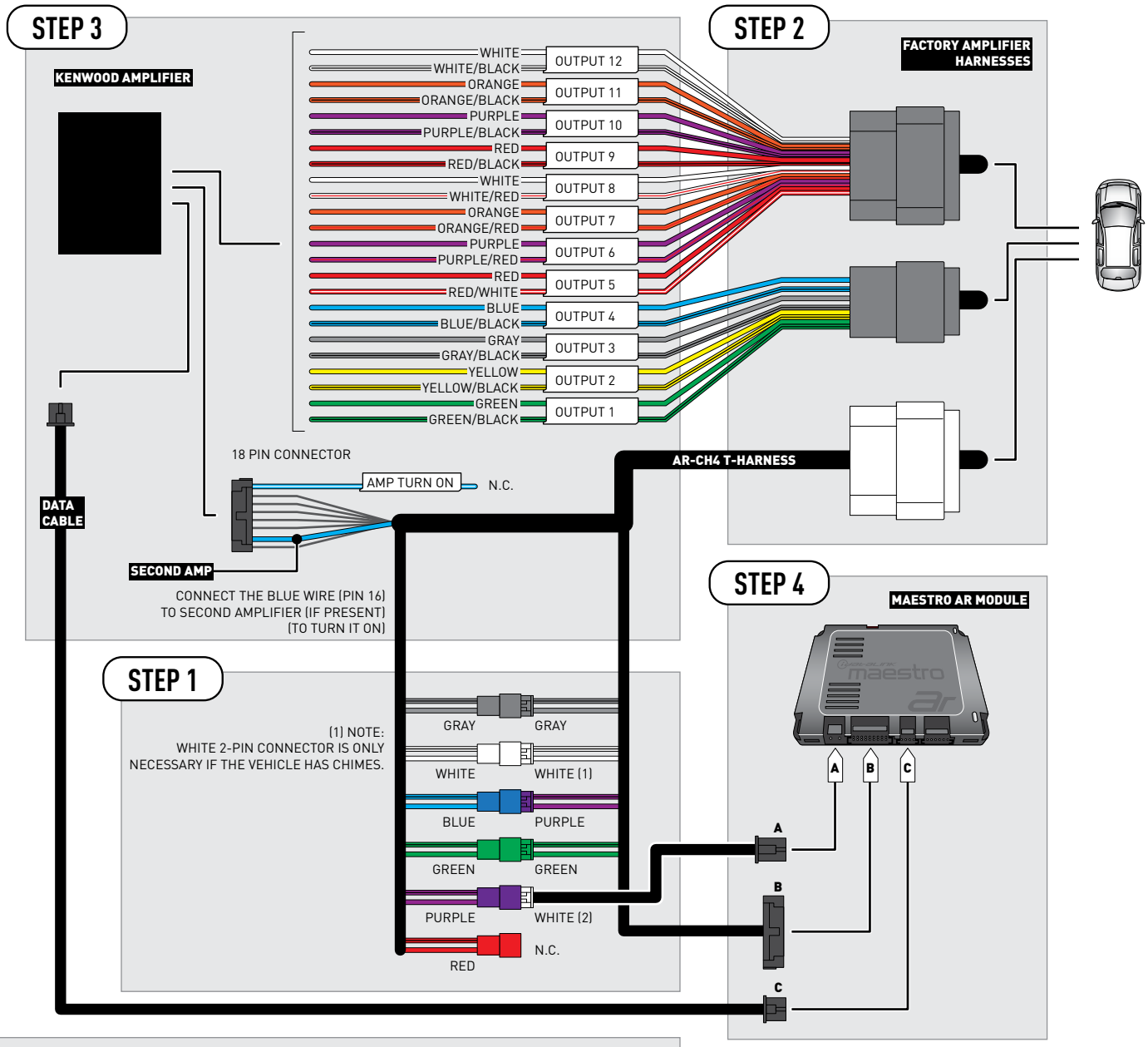
WIRING DIAGRAM



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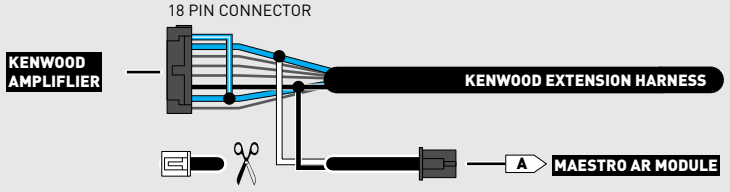

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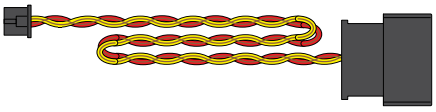

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Amplifier location: Rear cargo area floor

INSTALL GUIDE
MASERATI GHIBLI
WITH HARMAN KARDON 2014-2017

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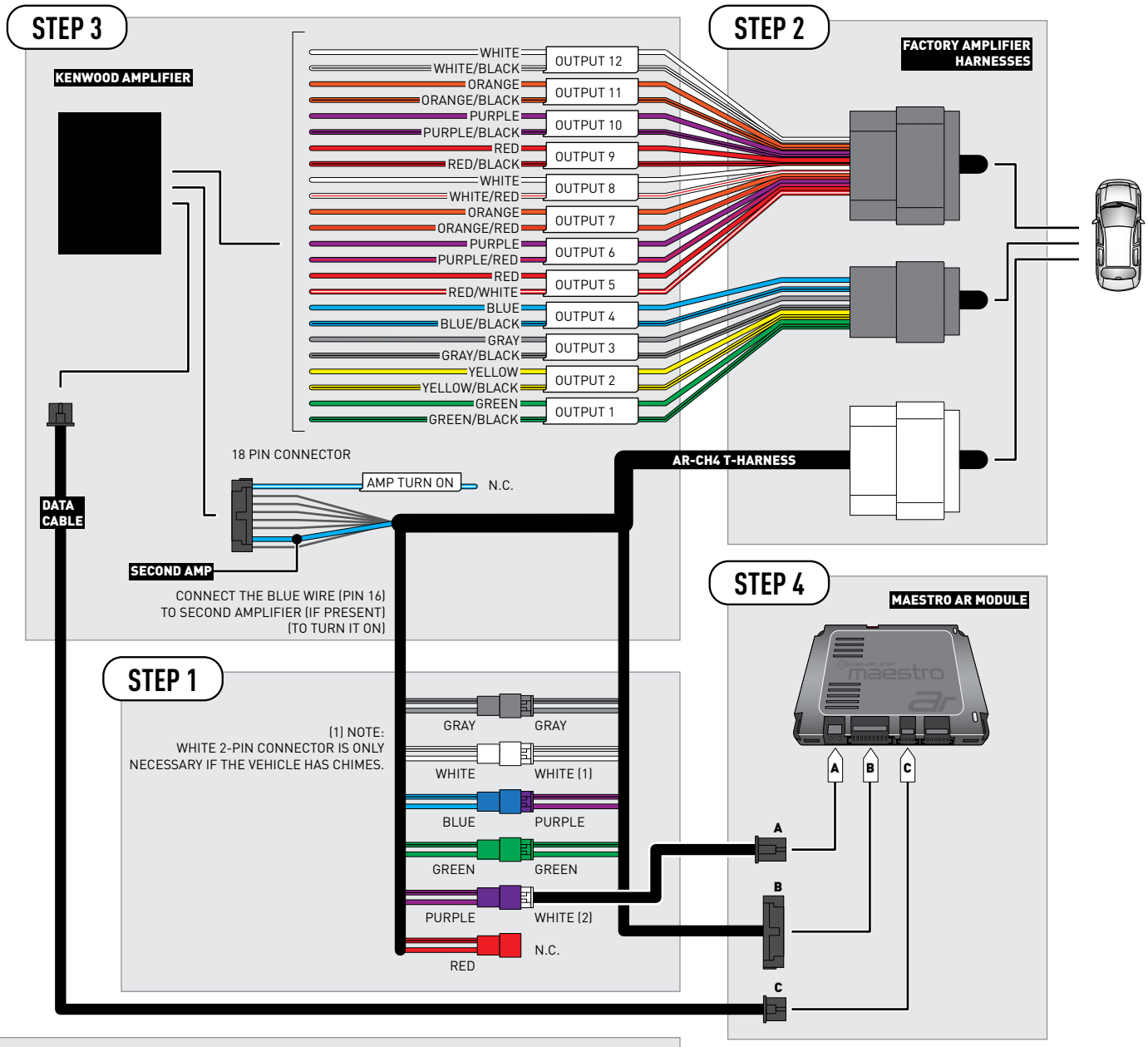

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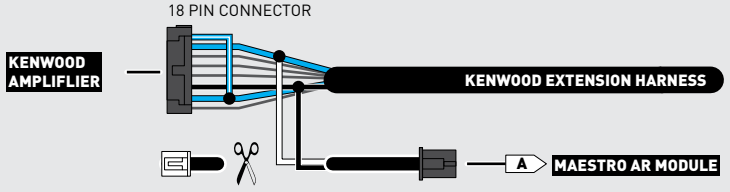

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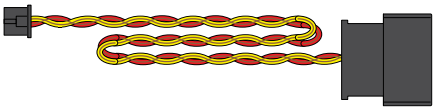

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Amplifier location: Left quarter panel