◀ 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 200
2015-2016

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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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Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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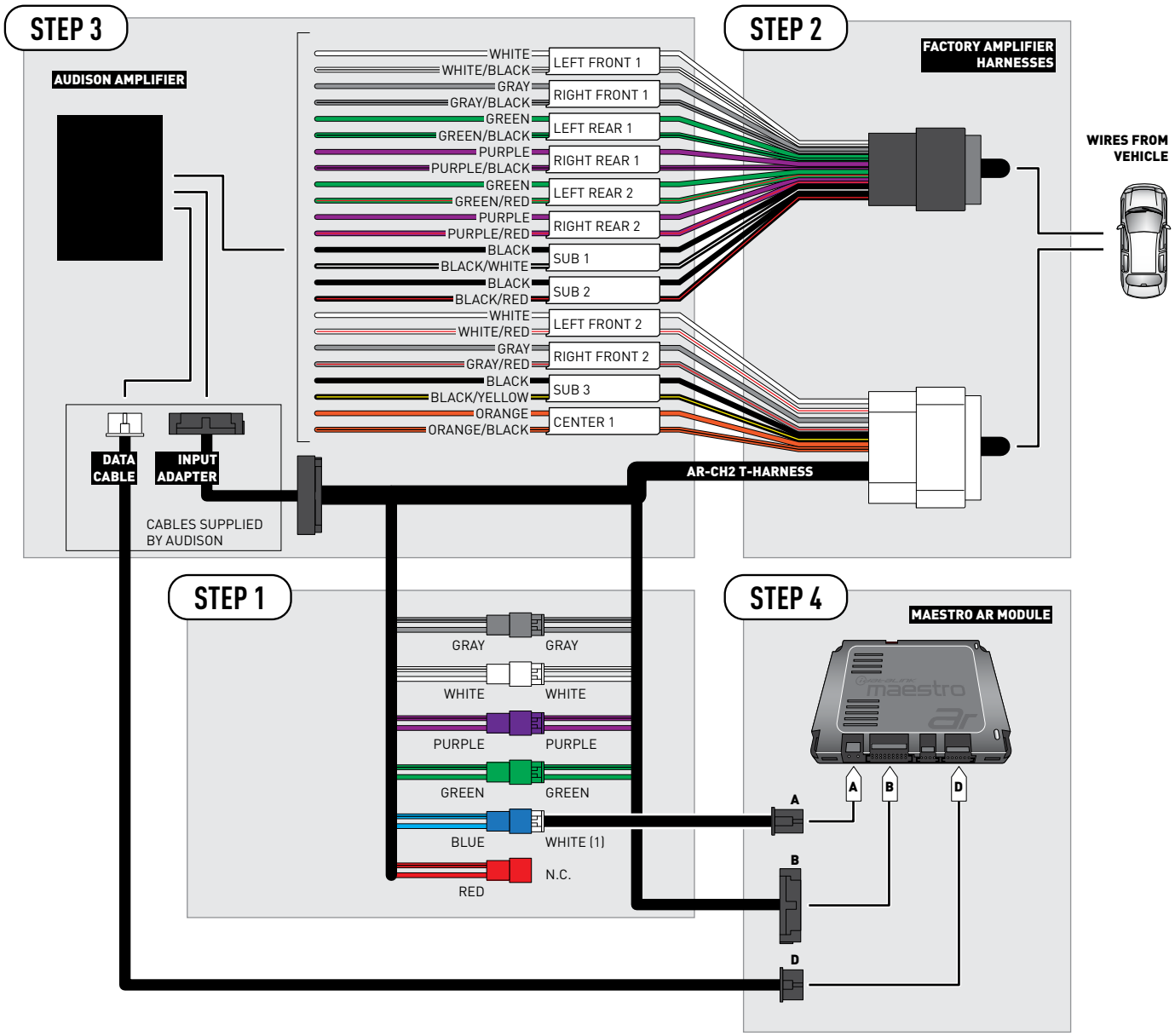
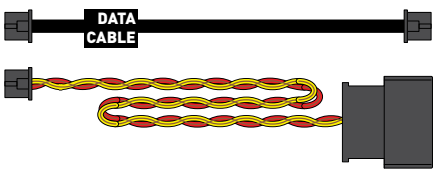
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



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VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	**Wire Color**	**Speaker Wire Description**
LEFT FRONT 1	White	Left Front Mid (+)
	White/Black	Left Front Mid (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Mid (+)
	Gray/Black	Right Front Mid (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Mid (+)
	Green/Black	Left Rear Mid (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Mid (+)
	Purple/Black	Right Rear Mid (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	n/a
	Black/White	n/a
SUB 2	Black	Right Rear Tweeter (+)
	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,
WITHOUT CHANGING YOUR RADIO.

audison

PRODUCTS REQUIRED
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iDatalink Maestro AR-CH2 Installation Harness

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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- Configure the 2 pin connectors on the AR-CH2 T-harness as shown on the wiring diagram.

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Note 2:

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- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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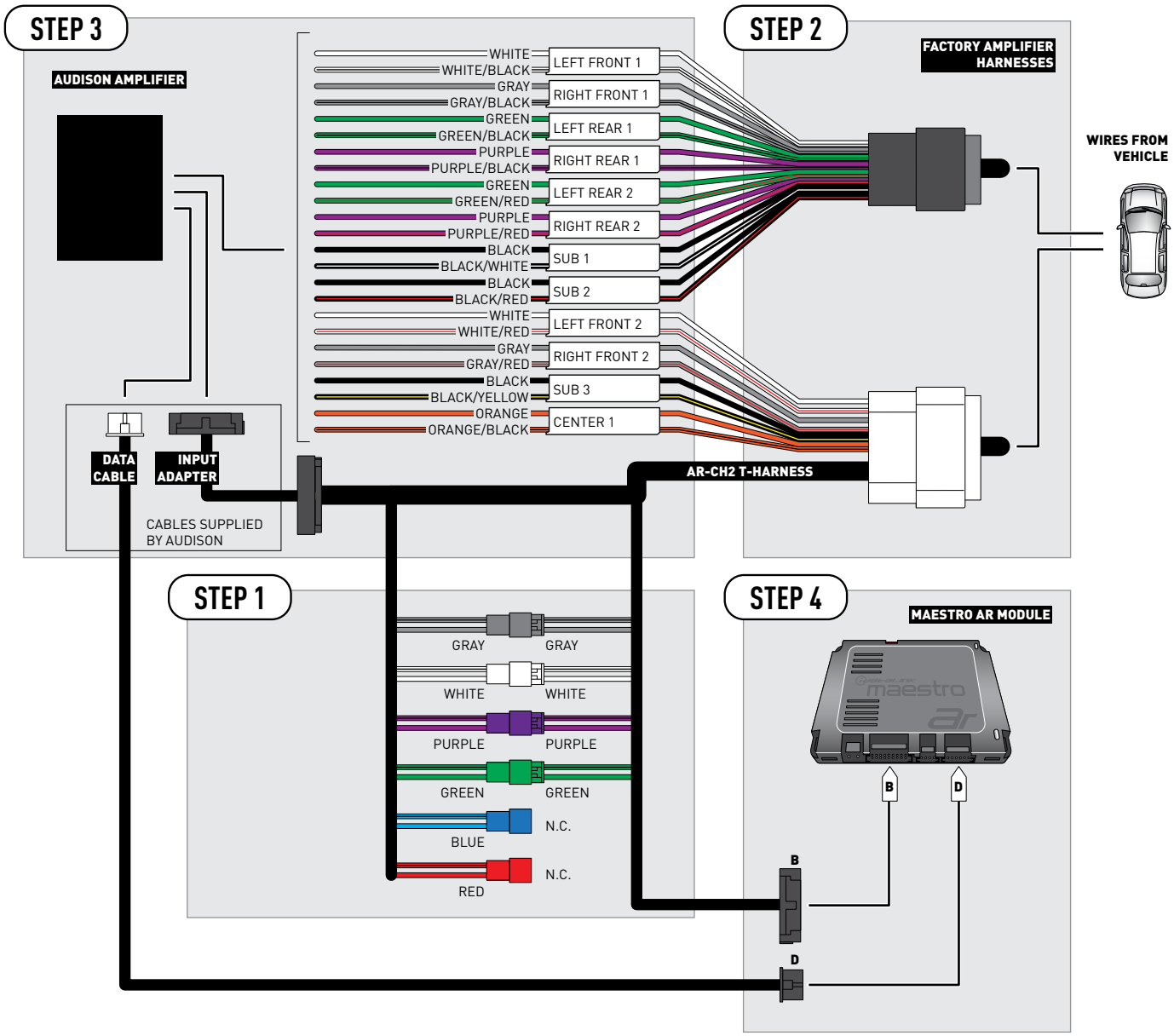
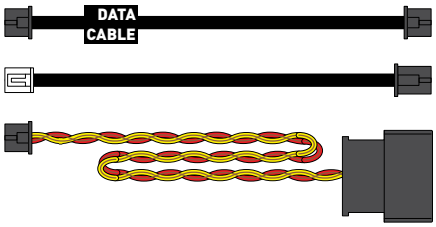
WIRING DIAGRAM



CONNECTIONS NOT REQUIRED



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VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
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	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
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LEFT REAR 2	Green	Left Rear Tweeter (+)
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RIGHT REAR 1	Purple	Right Rear Speaker (+)
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SUB 2	Black	Subwoofer 2 (+)
	Black/Red	Subwoofer 2 (-)
SUB 3	Black	Subwoofer 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

Automotive Data Solutions Inc. © 2017

INSTALL GUIDE
CHRYSLER 300
2015-2016

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
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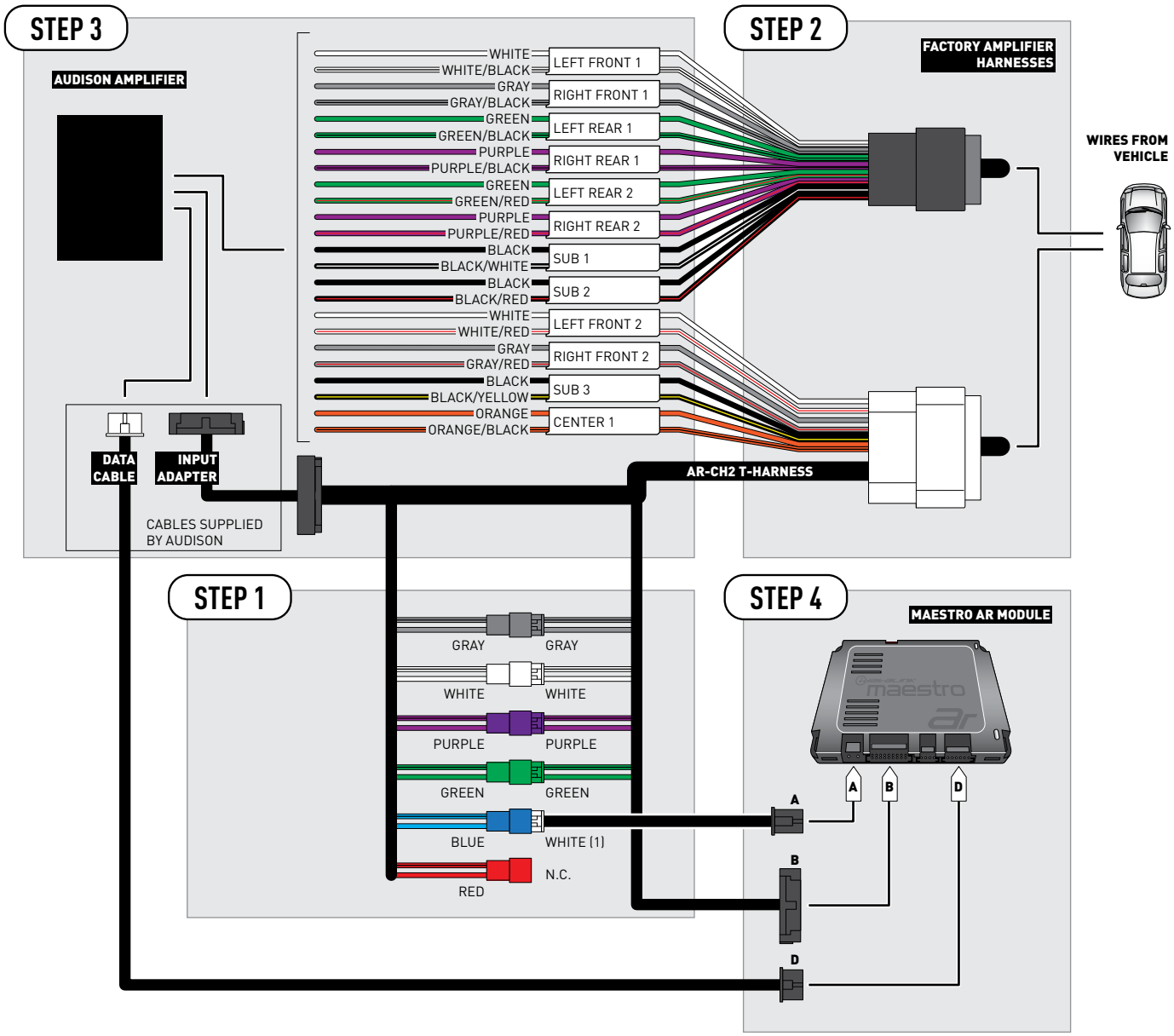
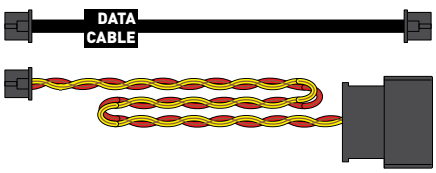
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
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	Gray/Black	Right Front Speaker (-)
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	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
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RIGHT REAR 2	Purple	Right Rear Tweeter (+)
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CENTER 1	Orange	Center Speaker (+)
	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
	Black/White	Subwoofer 1 (-)
SUB 2	Black	Subwoofer 2 (+)
	Black/Red	Subwoofer 2 (-)
SUB 3	Black	Subwoofer 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

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INSTALL GUIDE
CHRYSLER TOWN AND COUNTRY
2008-2016

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
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- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
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- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
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STEP 4

- Connect all the harnesses to the Maestro AR module.

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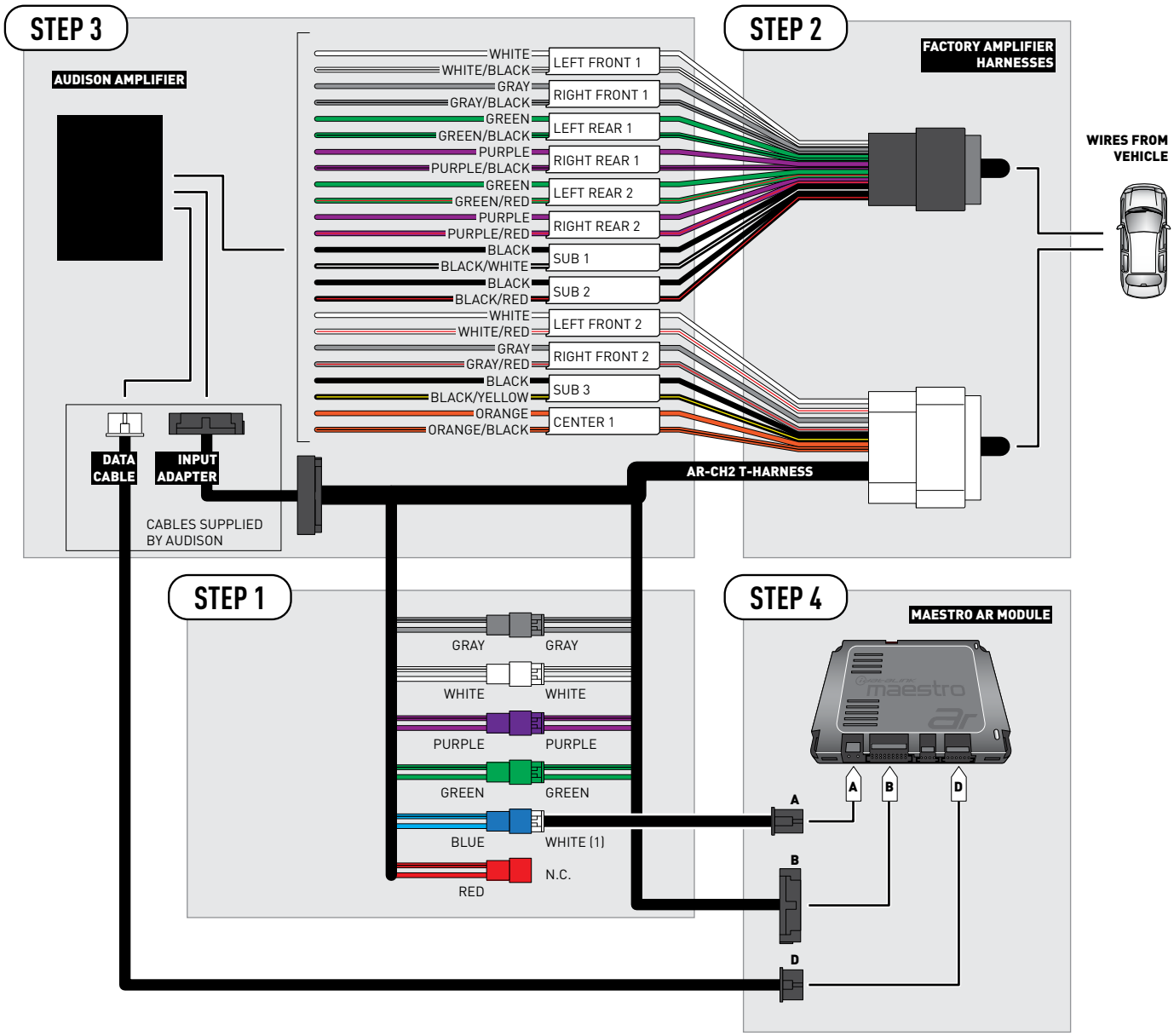
WIRING DIAGRAM



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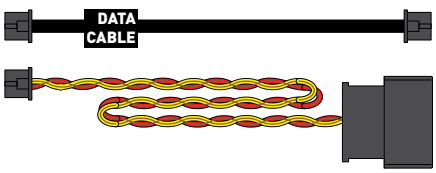

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	Black/Red	n/a
SUB 3	Black	Center (+)
	Black/Yellow	Center (-)

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: Rear left quarter panel

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INSTALL GUIDE
DODGE CHALLENGER
2015-2017

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

audison

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AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
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INSTALLATION INSTRUCTIONS

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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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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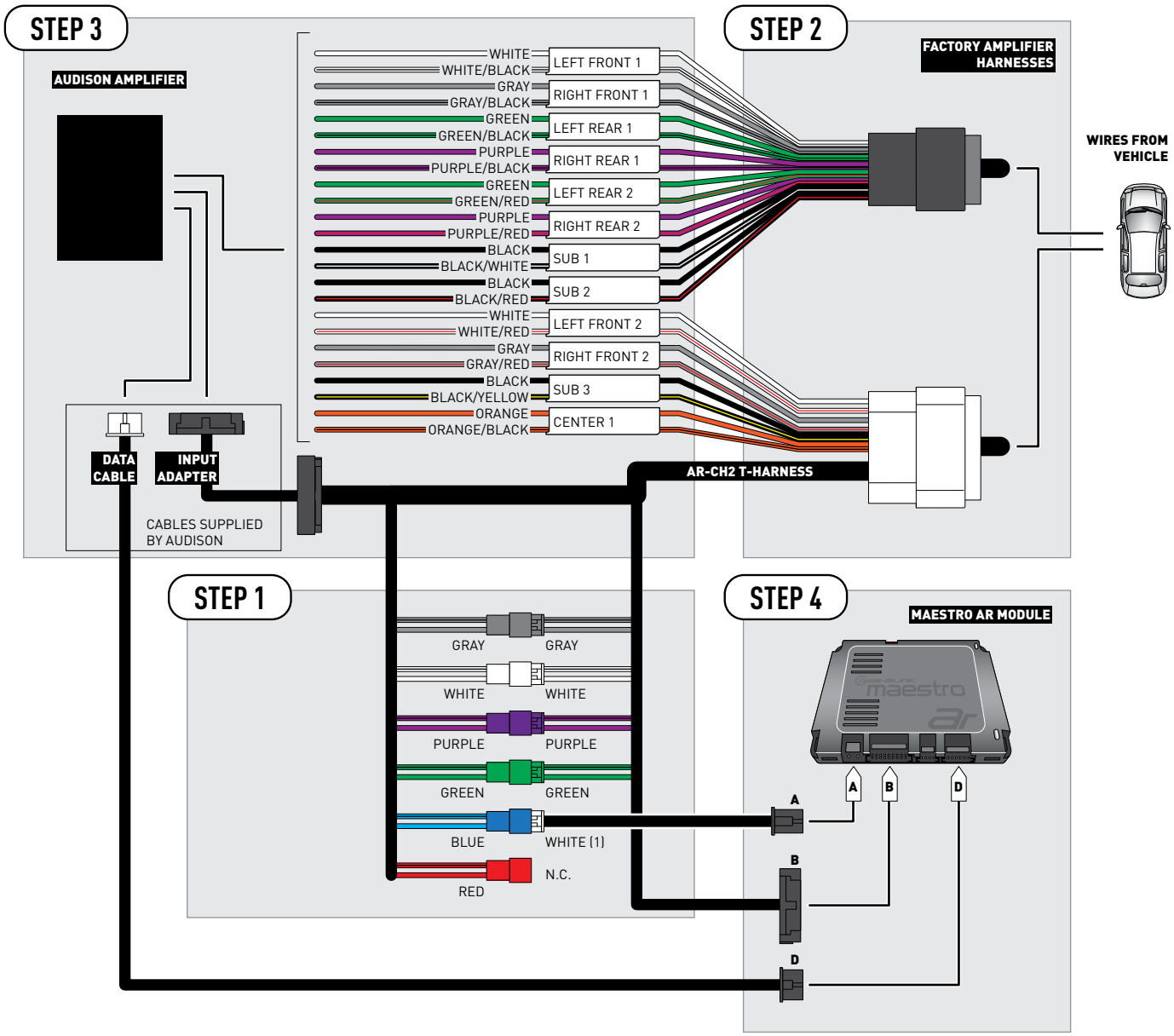
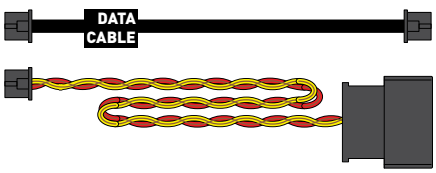
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Left Rear Mid (+)
	Green/Red	Left Rear Mid (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Right Rear Mid (+)
	Purple/Red	Right Rear Mid (-)
CENTER 1	Orange	Center Speaker (+)
	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
	Black/White	Subwoofer 1 (-)
SUB 2	Black	Subwoofer 2 (+)
	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

Automotive Data Solutions Inc. © 2017

INSTALL GUIDE
DODGE CHARGER
2012-2014

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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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Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

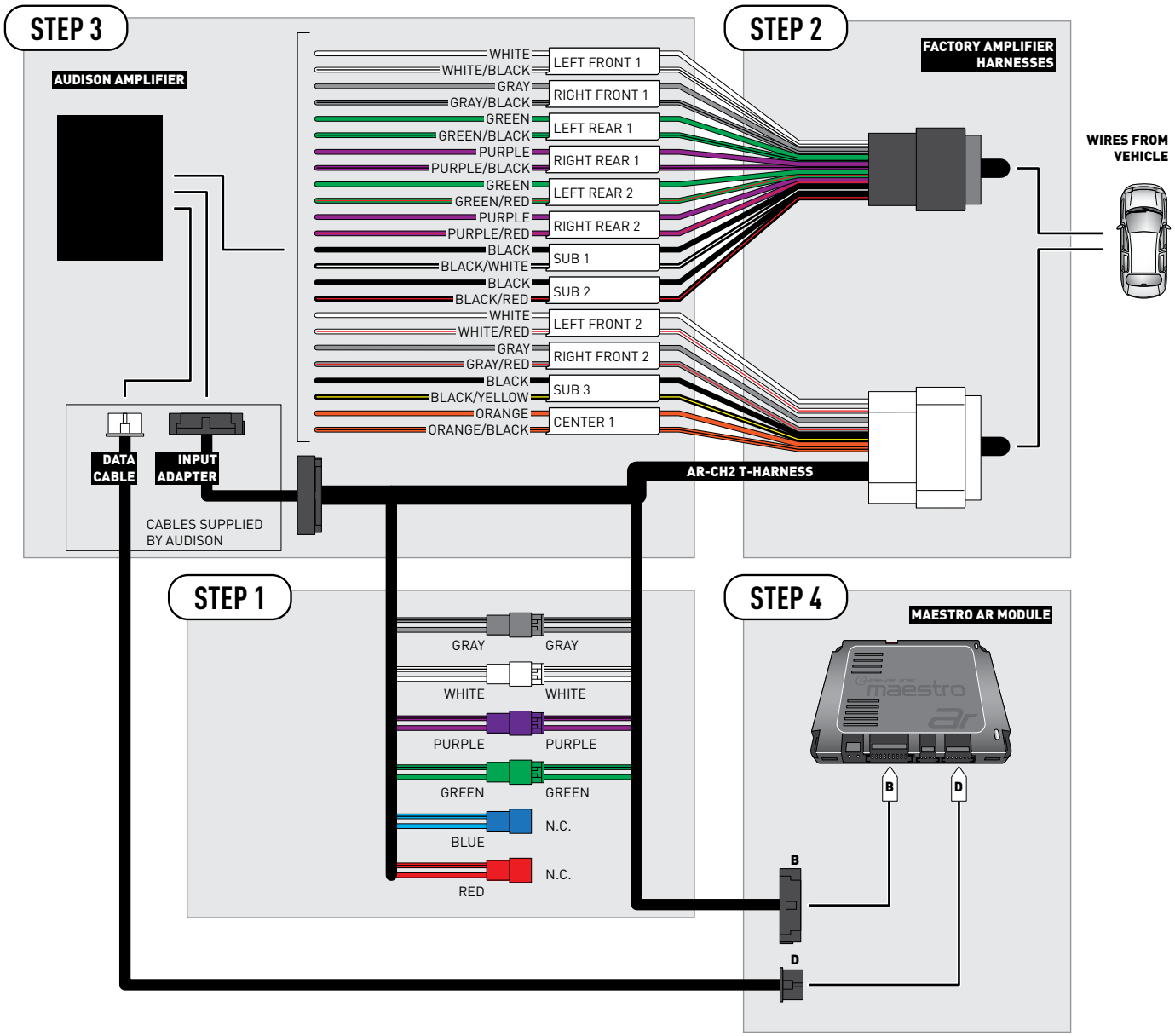
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

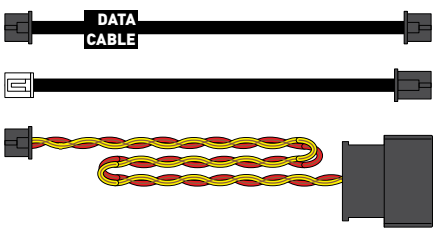
The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
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	White/Black	Left Front Speaker (-)
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	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Left Rear Speaker (+)
	Green/Red	Left Rear Speaker (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Right Rear Speaker (+)
	Purple/Red	Right Rear Speaker (-)
CENTER 1	Orange	Center Speaker (+)
	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
	Black/White	Subwoofer 1 (-)
SUB 2	Black	Subwoofer 2 (+)
	Black/Red	Subwoofer 2 (-)
SUB 3	Black	Subwoofer 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 side of dash

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INSTALL GUIDE
DODGE CHARGER
2015-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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.

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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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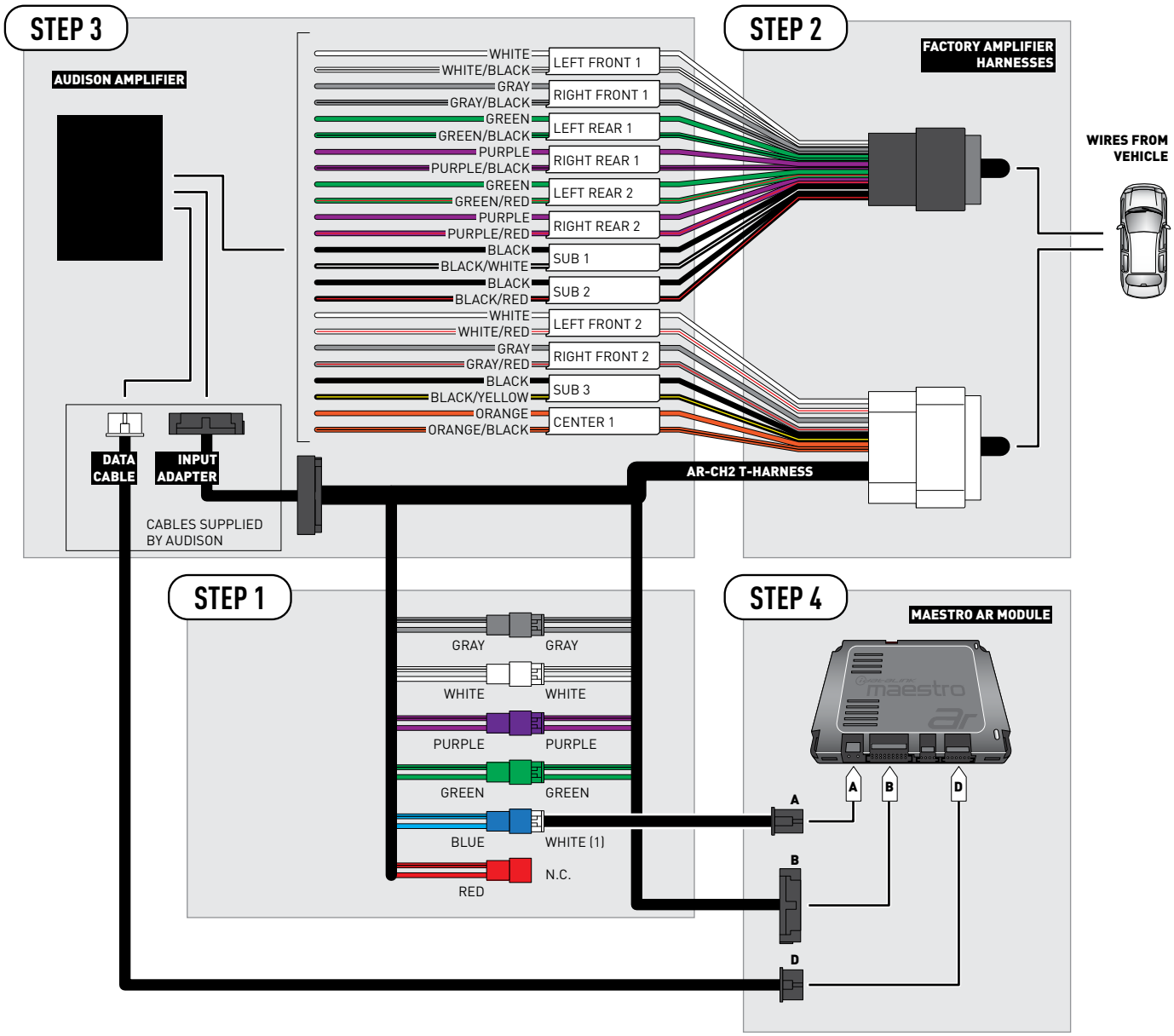
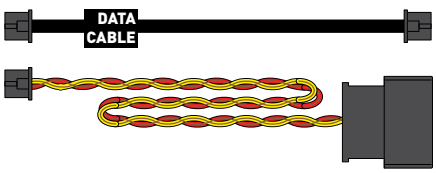
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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	White/Black	Left Front Speaker (-)
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RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Left Rear Speaker (+)
	Green/Red	Left Rear Speaker (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Right Rear Speaker (+)
	Purple/Red	Right Rear Speaker (-)
CENTER 1	Orange	Center Speaker (+)
	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
	Black/White	Subwoofer 1 (-)
SUB 2	Black	Subwoofer 2 (+)
	Black/Red	Subwoofer 2 (-)
SUB 3	Black	Subwoofer 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 side of dash

Automotive Data Solutions Inc. © 2017

INSTALL GUIDE
DODGE DURANGO
2011-2013

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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.

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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.

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- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

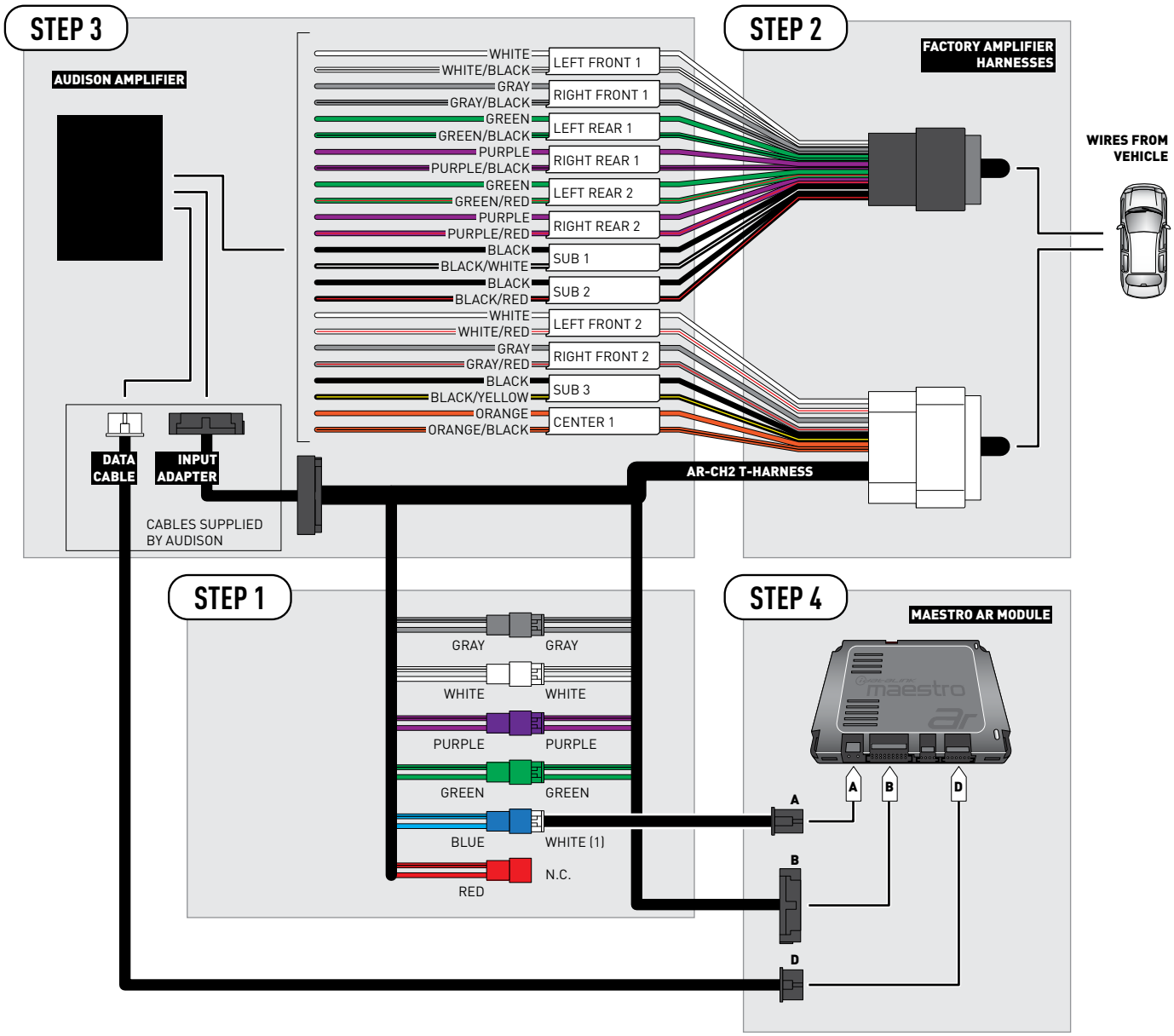
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

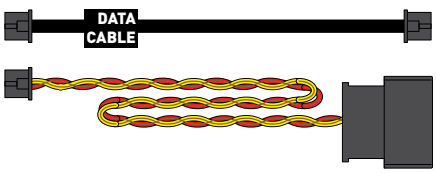
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



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T-Harness Wires		Vehicle Wires
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	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Center (+)
	Black/Yellow	Center (-)

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: Rear left cargo area

Automotive Data Solutions Inc. © 2017

INSTALL GUIDE
DODGE DURANGO
2014-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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- Bass Tone Control
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  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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

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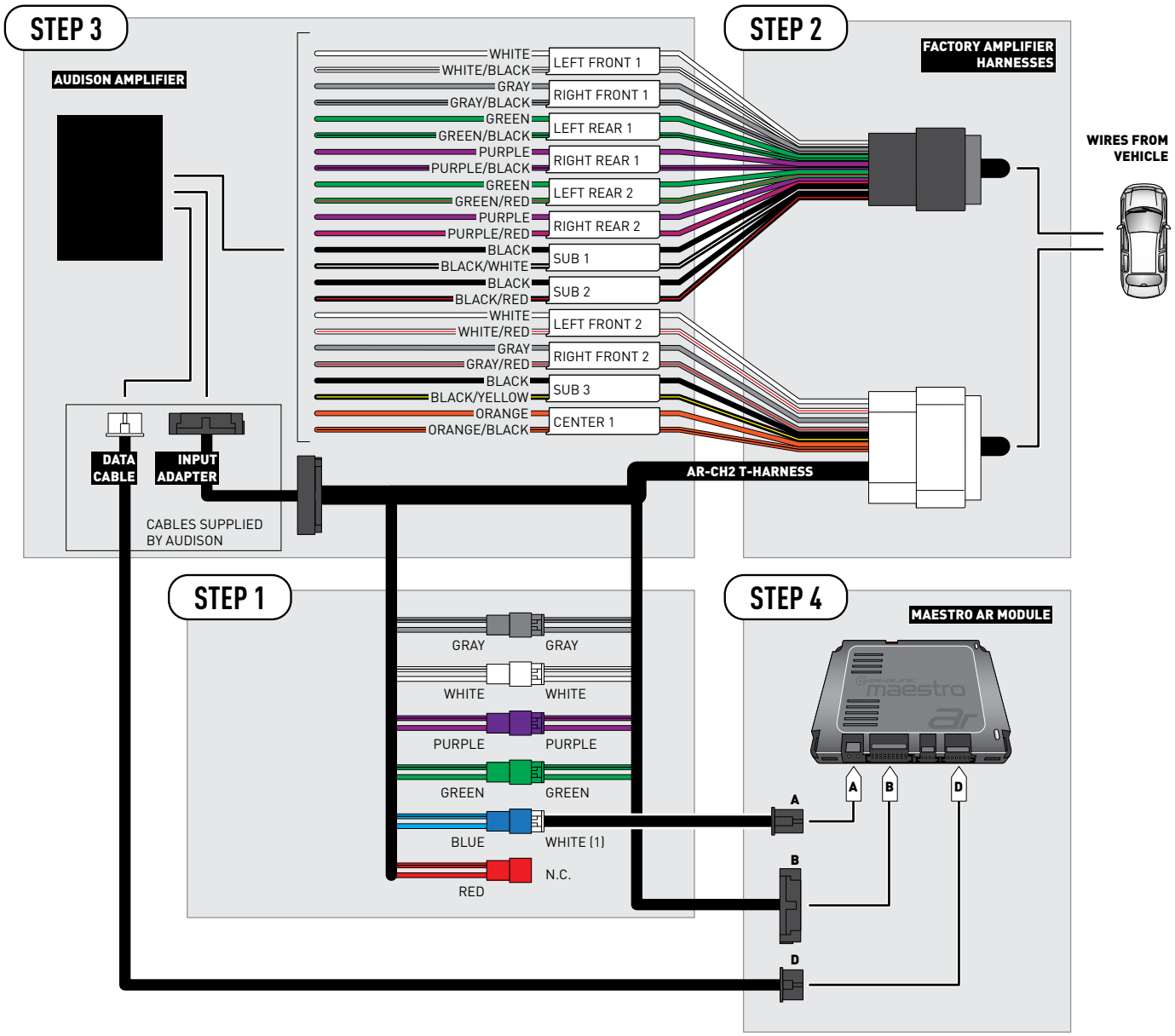
Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



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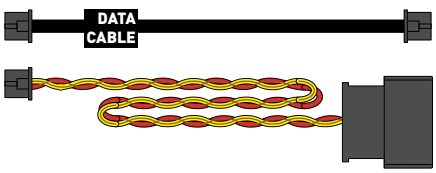
CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 2 (+)
	Green/Red	Subwoofer 2 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 1 (+)
	Purple/Red	Subwoofer 1 (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Center Speaker (+)
	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

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INSTALL GUIDE
DODGE GRAND CARAVAN
2008-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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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Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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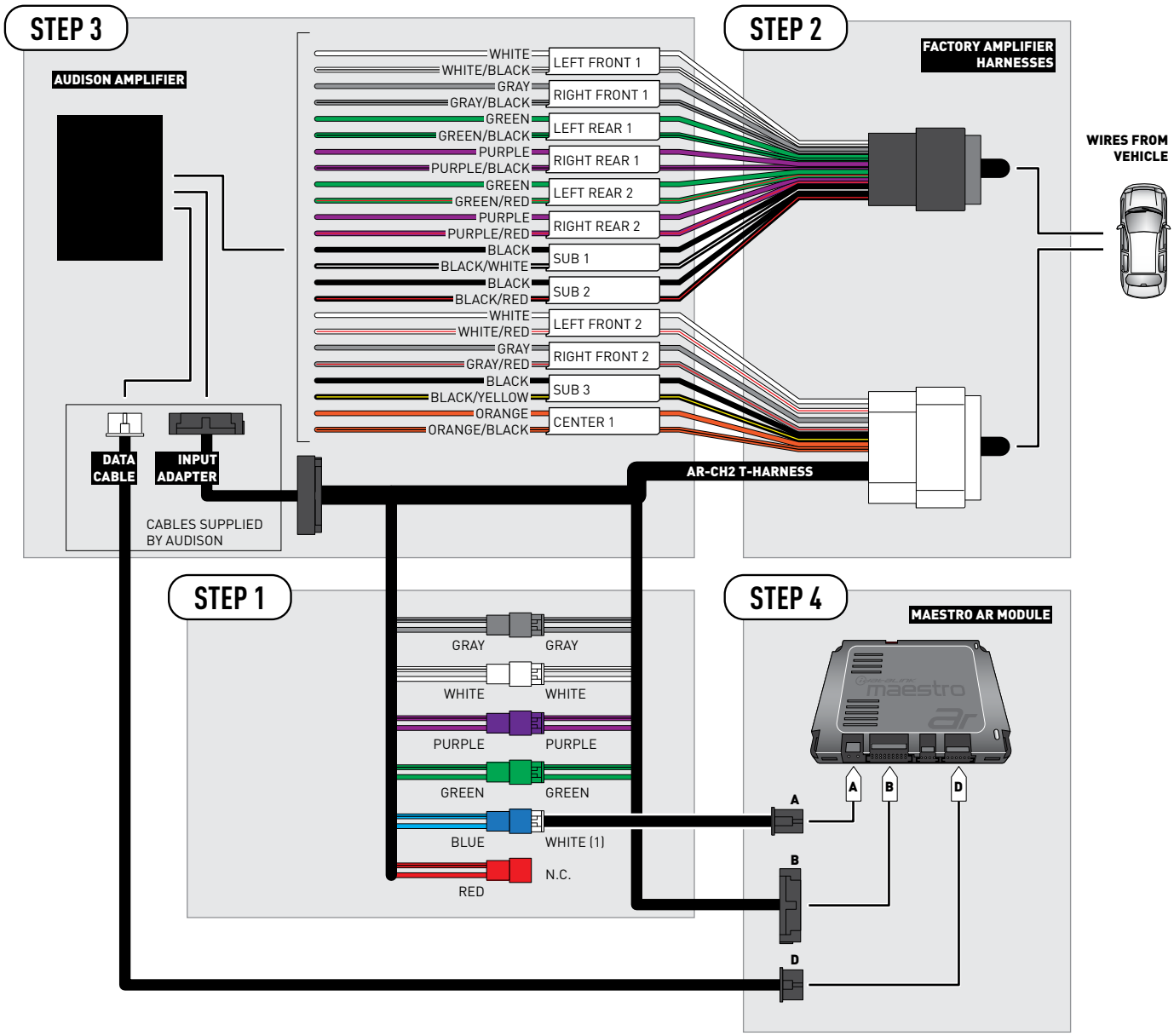
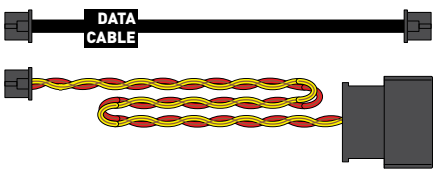
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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

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: Rear left quarter panel

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INSTALL GUIDE
DODGE JOURNEY
2009-2010

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

audison

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  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
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  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

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STEP 4

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Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

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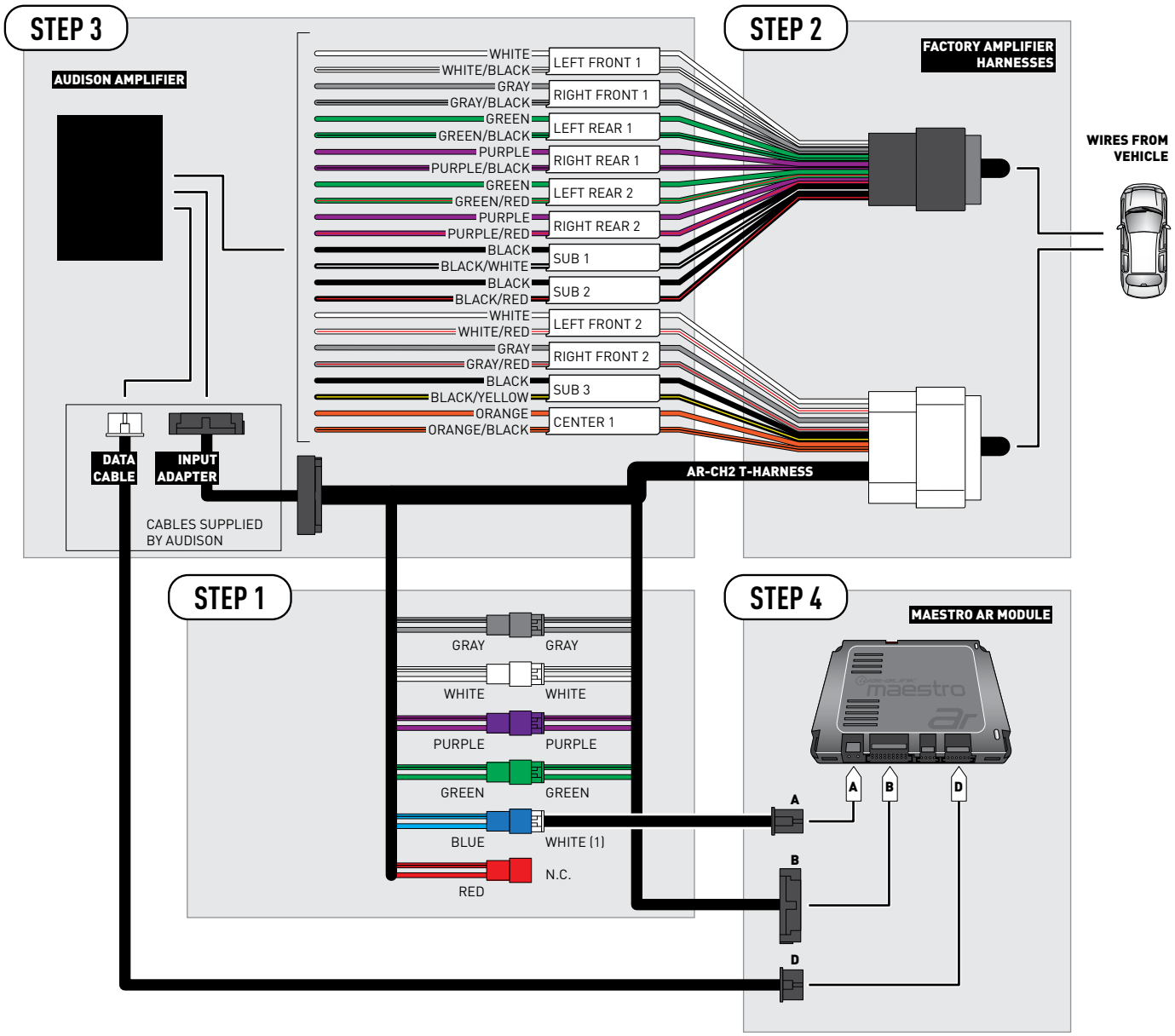
WIRING DIAGRAM



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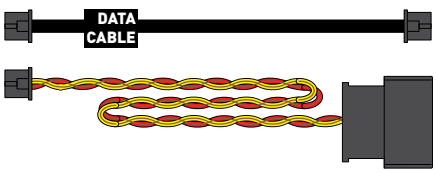

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RIGHT REAR 2	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
CENTER 1	Orange	n/a
	Orange/Black	n/a
SUB 1	Black	n/a
	Black/White	n/a
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	n/a
	Black/Yellow	n/a

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
DODGE JOURNEY
2011-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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SETTINGS AND FEATURES

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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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- Plug the connector from the AR-CH2 T-Harness into the female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
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STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

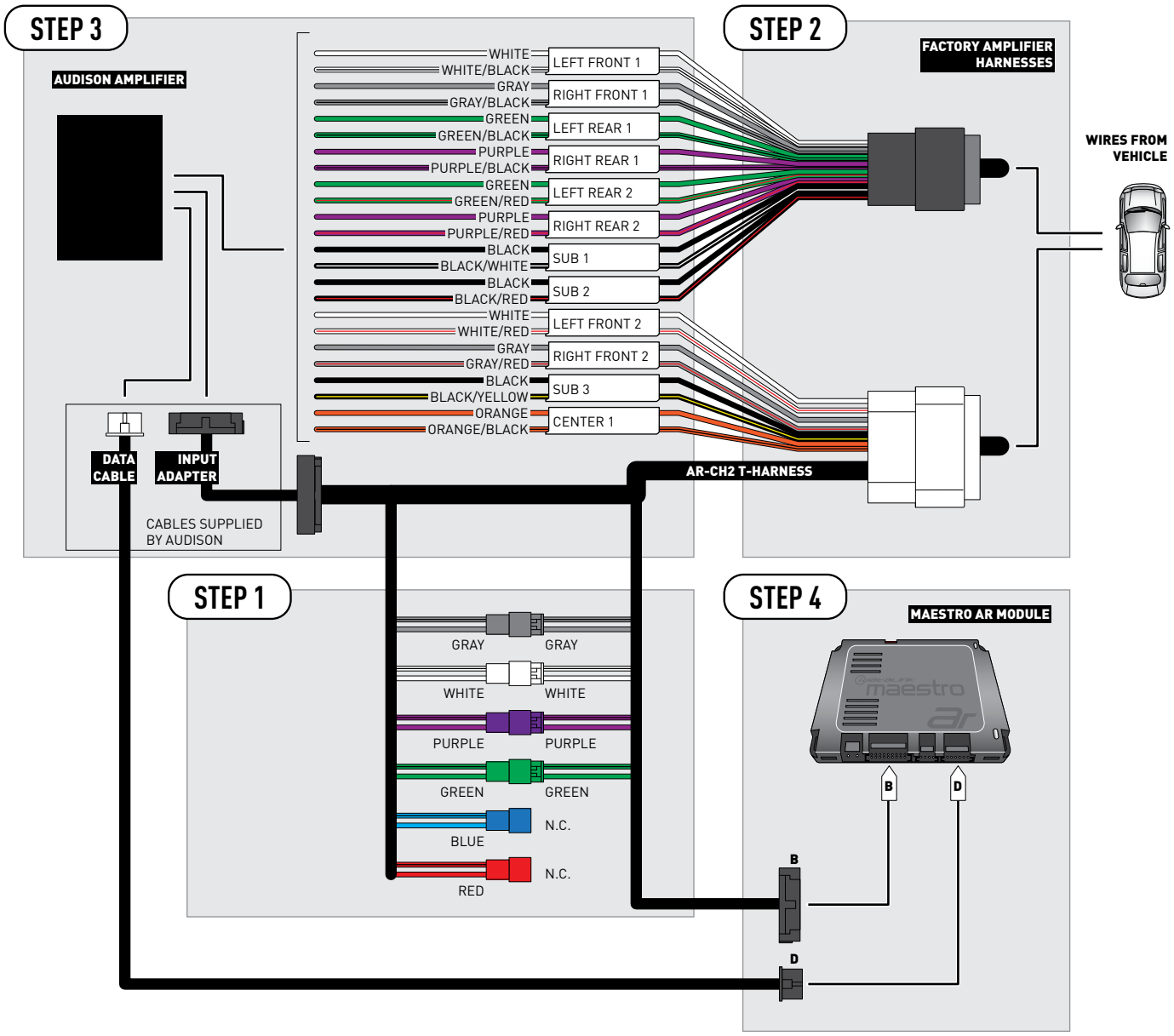
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

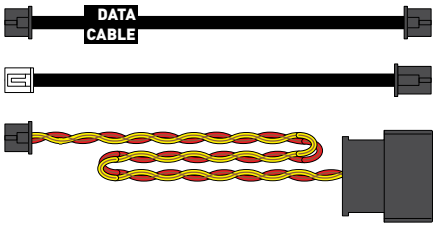
The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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LEFT REAR 2	Green	Subwoofer 1 (+)
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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

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INSTALL GUIDE
DODGE NITRO
2007-2011

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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SETTINGS AND FEATURES

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MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
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- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

STEP 1

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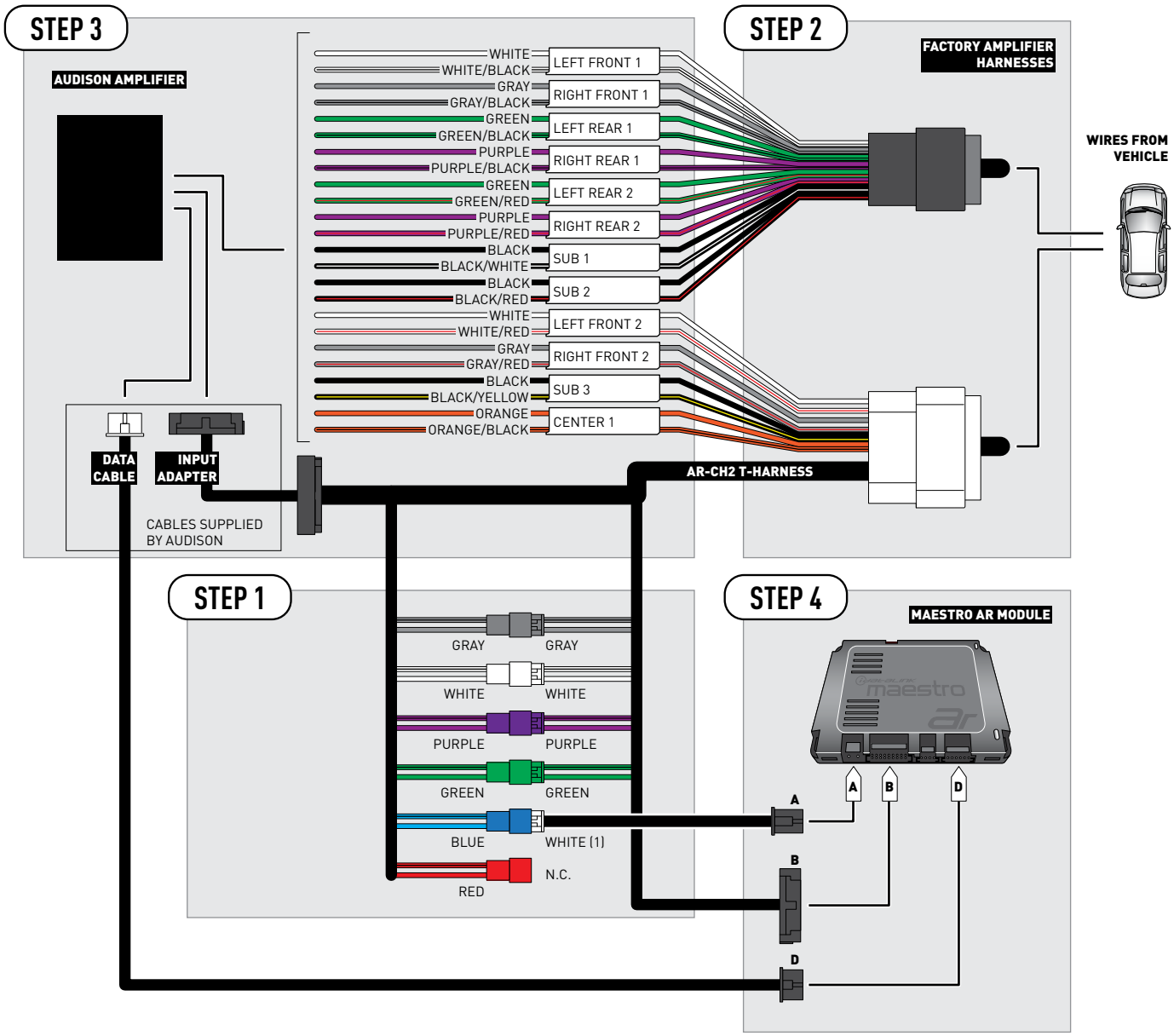
Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



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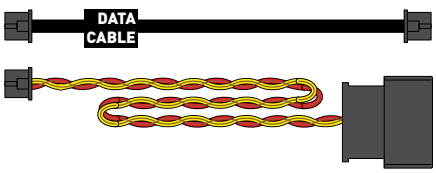

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Amplifier location: Rear right cargo area

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INSTALL GUIDE
JEEP CHEROKEE
2014-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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audison

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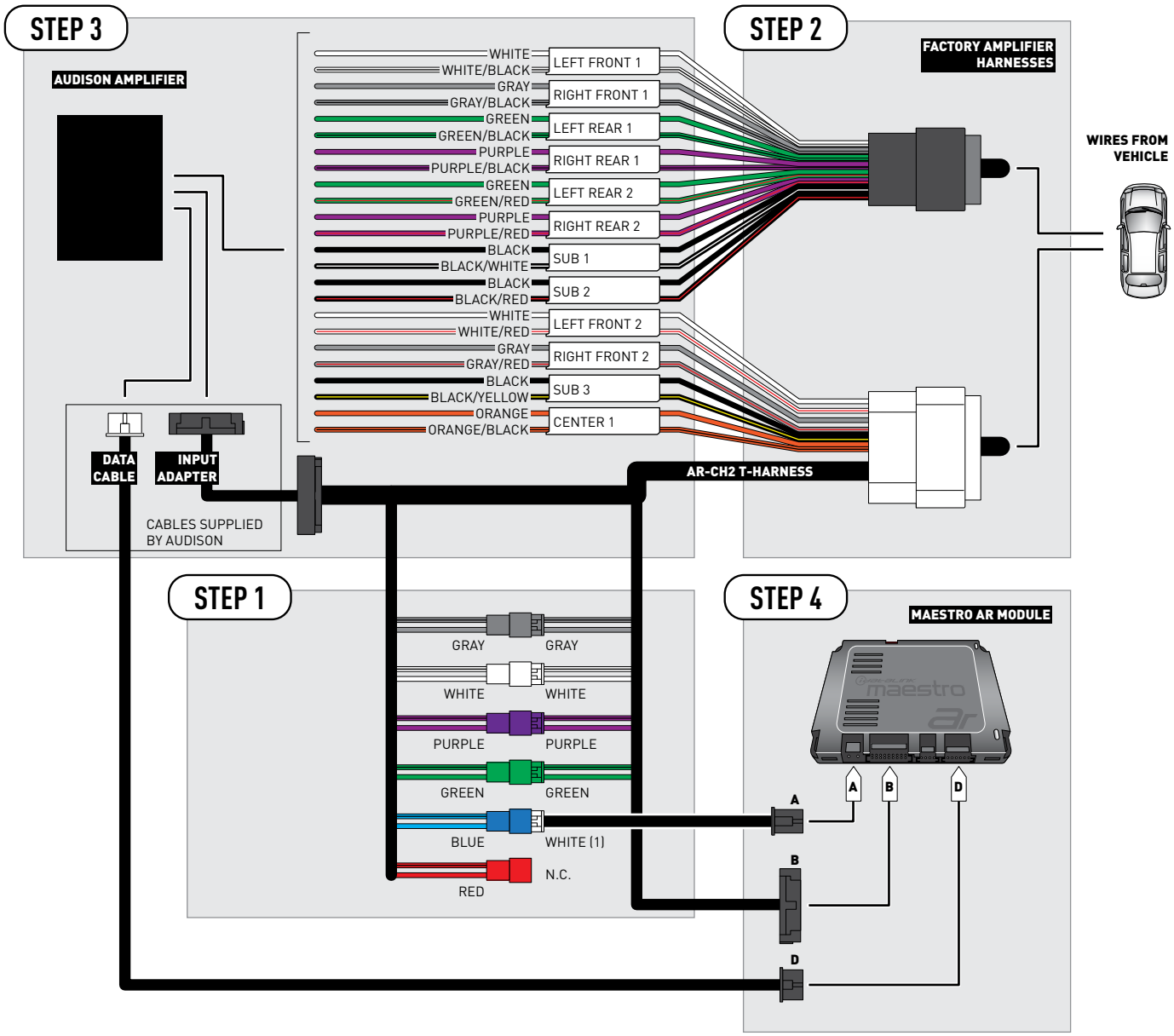
Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



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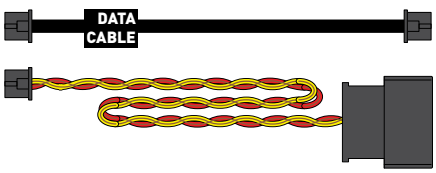
IF AN EXTENSION HARNESS IS BEING USED:

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	**Wire Color**	**Speaker Wire Description**
LEFT FRONT 1	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Tweeter (+)
	Green/Black	Left Rear Tweeter (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Tweeter (+)
	Purple/Black	Right Rear Tweeter (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
CENTER 1	Orange	Left Rear Speaker (+)
	Orange/Black	Left Rear Speaker (-)
SUB 1	Black	n/a
	Black/White	n/a
SUB 2	Black	Right Rear Speaker (+)
	Black/Red	Right Rear Speaker (-)
SUB 3	Black	Center Speaker (+)
	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

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INSTALL GUIDE
JEEP GRAND CHEROKEE
2011

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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

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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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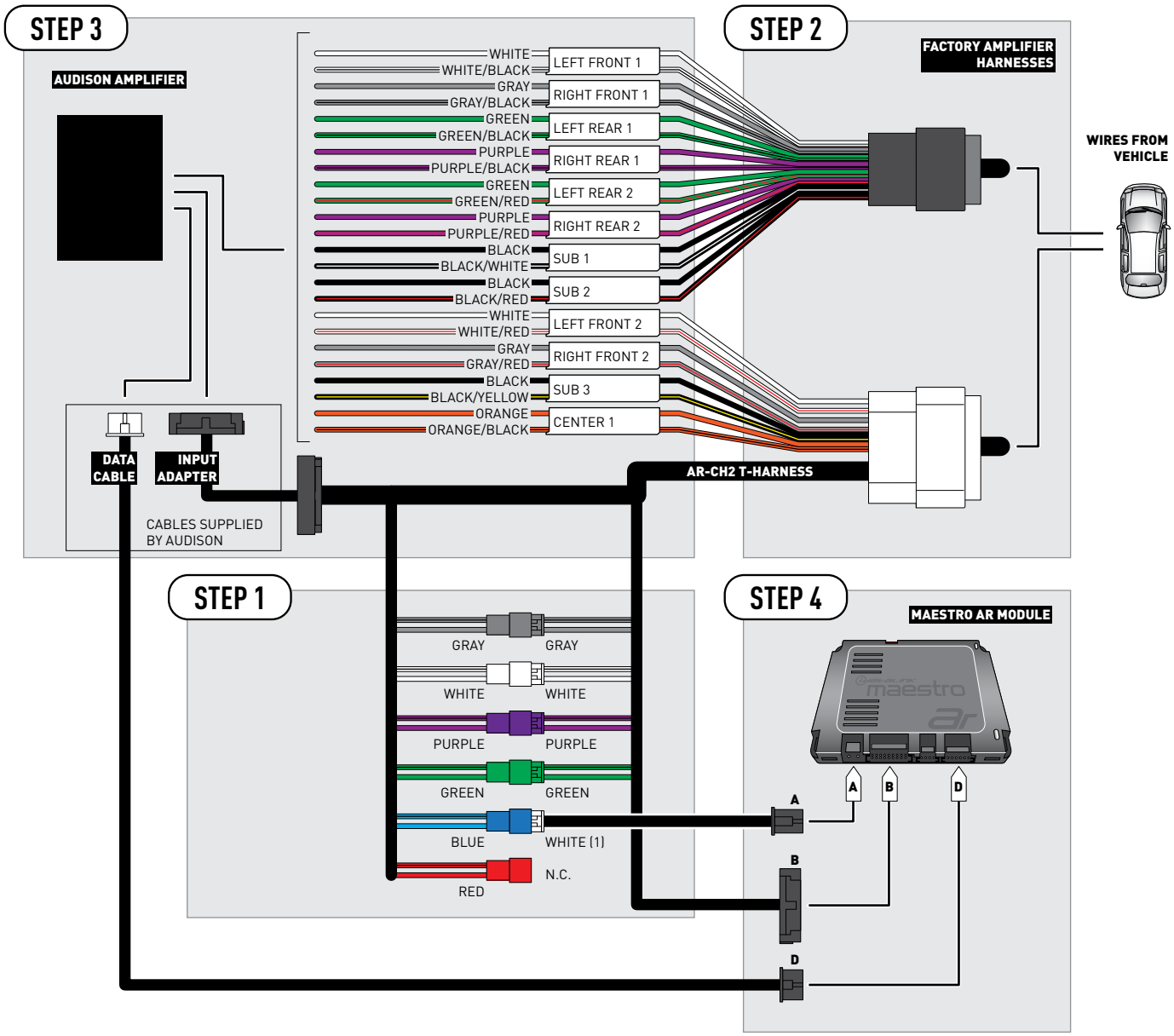
WIRING DIAGRAM



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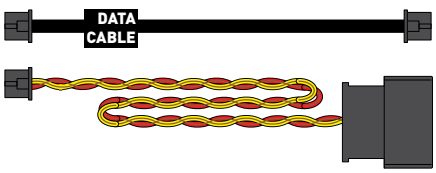
CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 2 (+)
	Purple/Red	Subwoofer 2 (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Center (+)
	Black/Yellow	Center (-)

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: Rear left quarter panel

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INSTALL GUIDE
JEEP GRAND CHEROKEE
2014-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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WELCOME

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Automotive Data Solutions Inc. © 2017

SETTINGS AND FEATURES

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

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

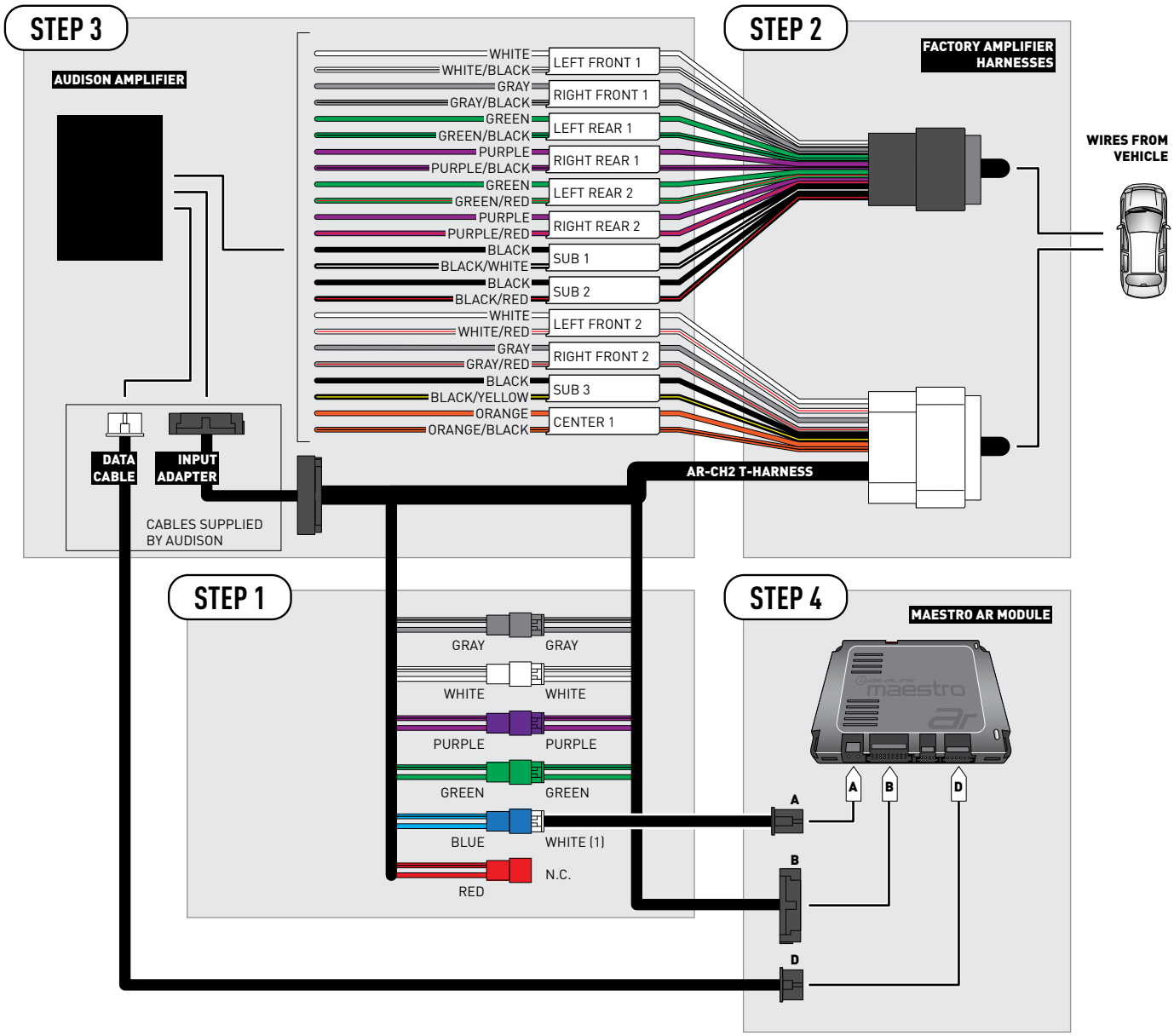
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



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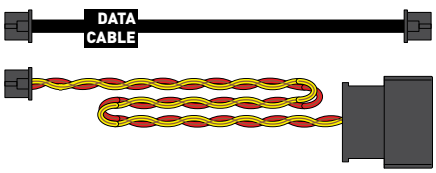
CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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Wire Tag	**Wire Color**	**Speaker Wire Description**
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LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 2 (+)
	Green/Red	Subwoofer 2 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 1 (+)
	Purple/Red	Subwoofer 1 (-)
CENTER 1	Orange	Left Rear Speaker (+)
	Orange/Black	Left Rear Speaker (-)
SUB 1	Black	Right Rear Speaker (+)
	Black/White	Right Rear Speaker (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Center Speaker (+)
	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
JEEP LIBERTY
2008-2012

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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WELCOME

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SETTINGS AND FEATURES

CHIME ADJUSTMENT

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

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

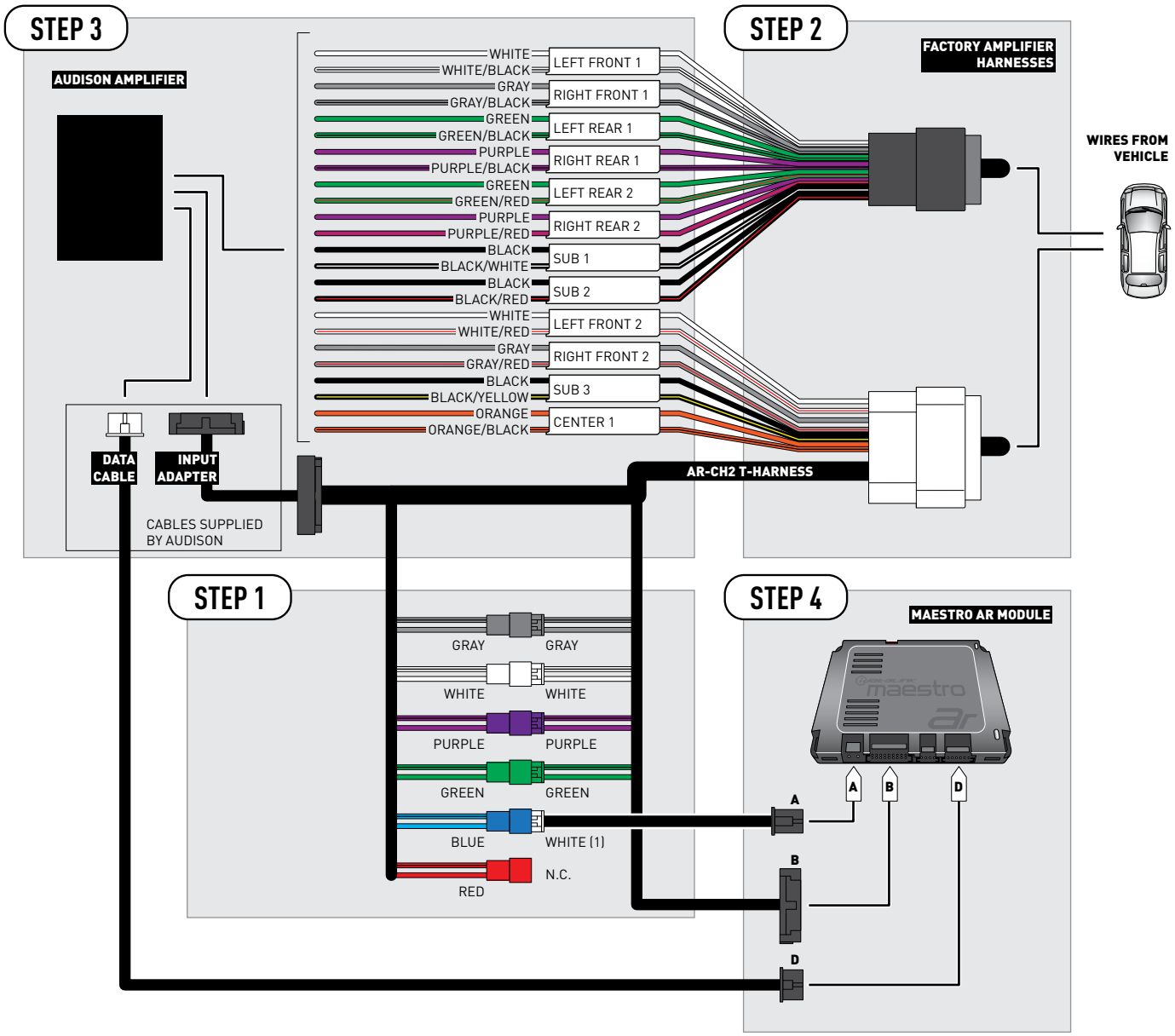
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



(1) NOTE:
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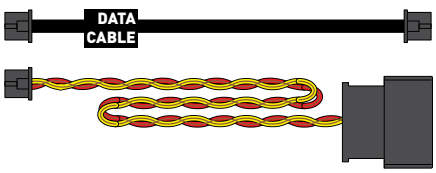
THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



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	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
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LEFT REAR 2	Green	Subwoofer 1 (+)
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RIGHT REAR 2	Purple	Subwoofer 2 (+)
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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: Rear right quarter panel

INSTALL GUIDE
JEEP WRANGLER
2007-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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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.
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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
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- Mid Tone Control
  Mid Frequency Output Gain
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  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
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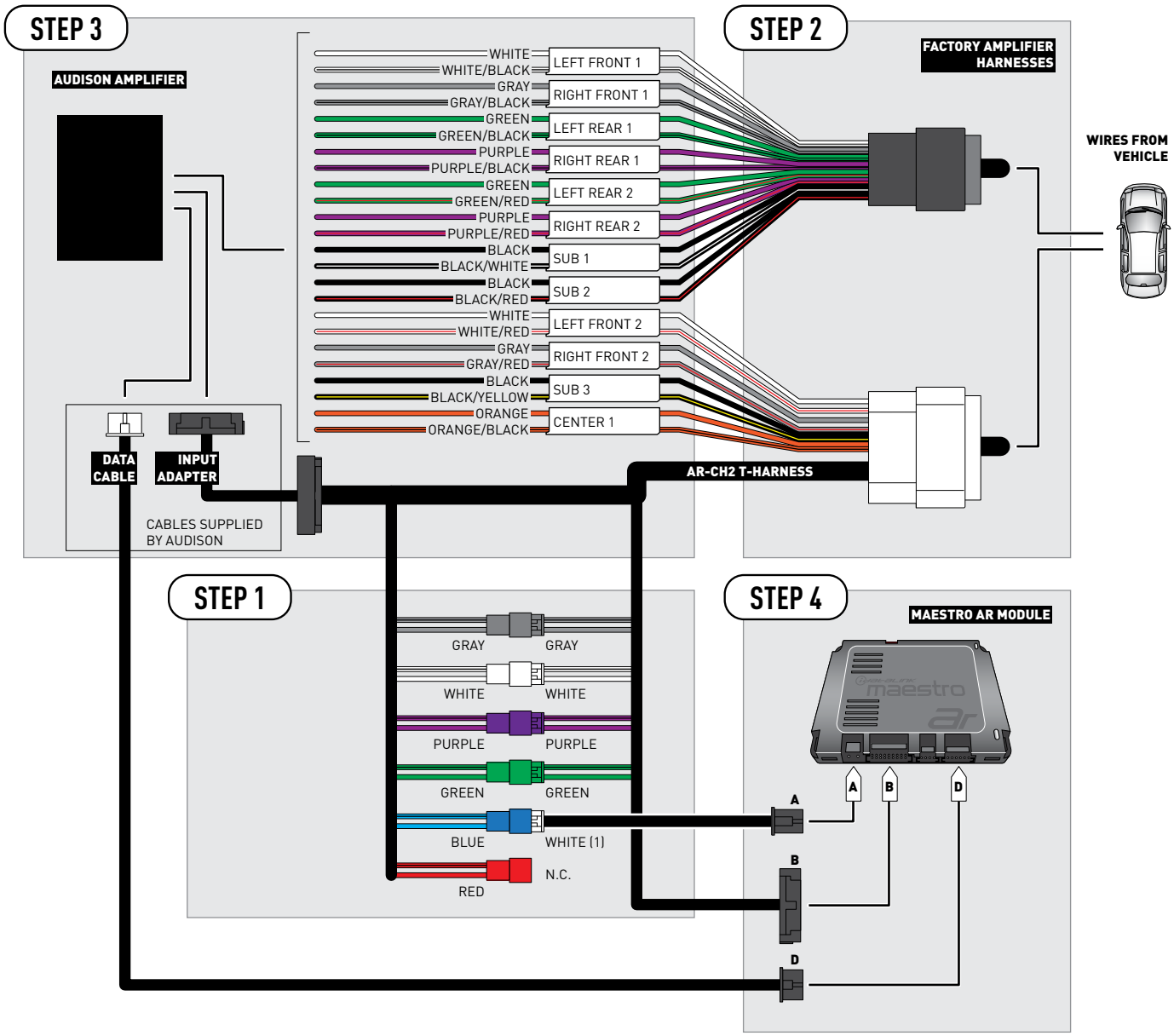
WIRING DIAGRAM



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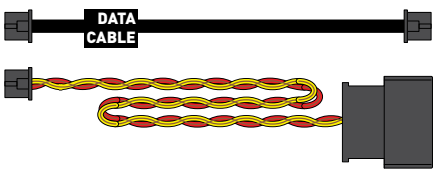

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	Orange/Black	n/a
SUB 1	Black	n/a
	Black/White	n/a
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	n/a
	Black/Yellow	n/a

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: Lower left dash

Automotive Data Solutions Inc. © 2017

INSTALL GUIDE
RAM 1500
2009-2012

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

audison

PRODUCTS REQUIRED
iDatalink Maestro AR Amplifier Replacement Interface
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Automotive Data Solutions Inc. © 2017

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

MAESTRO AR PROGRAMMABLE FEATURES

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

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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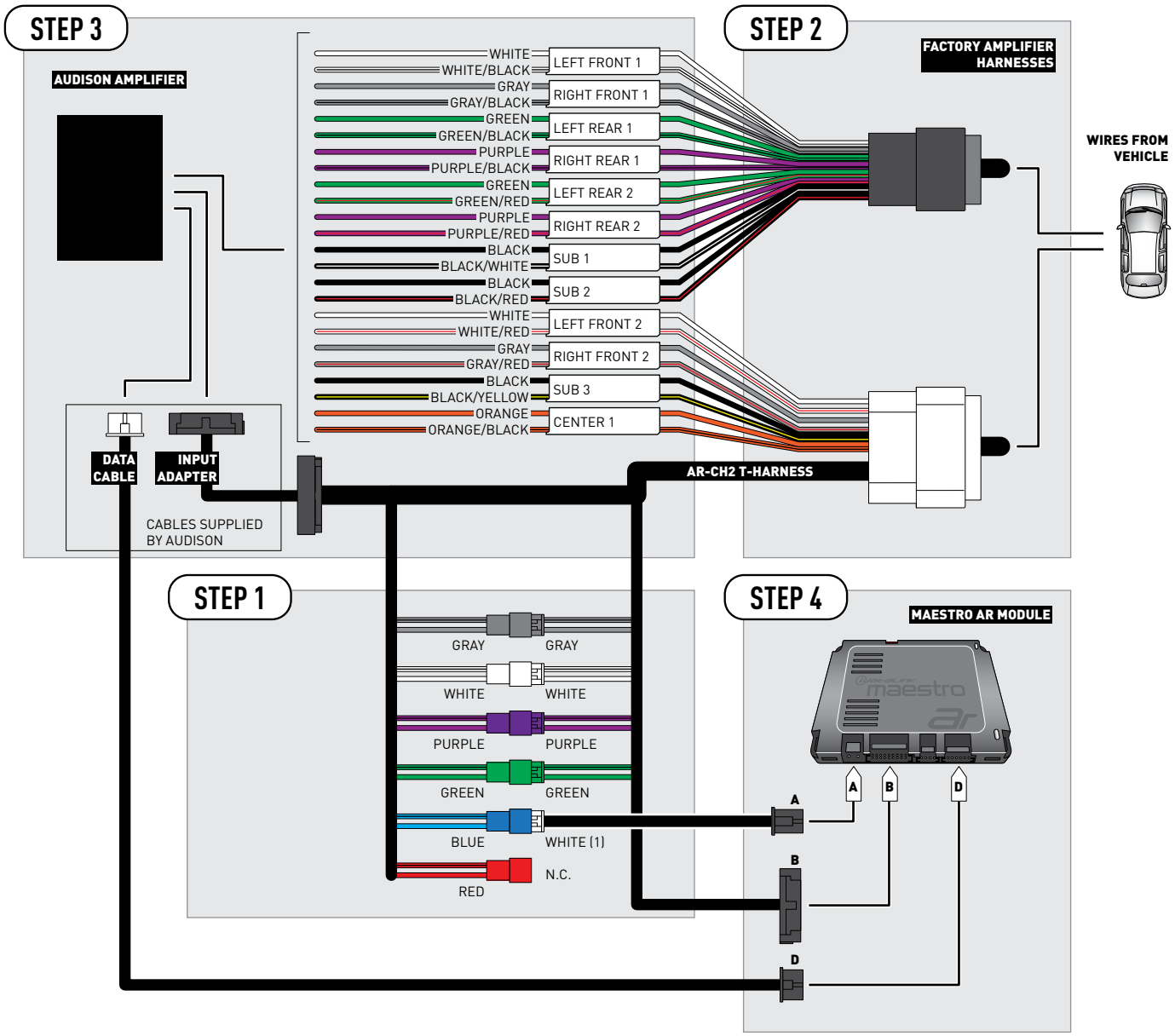
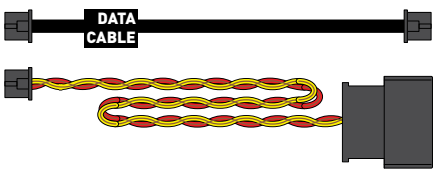
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Center (+)
	Purple/Red	Center (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Subwoofer 2 (+)
	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: Right side of dash

INSTALL GUIDE
RAM 1500
2013-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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

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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.
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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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.

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

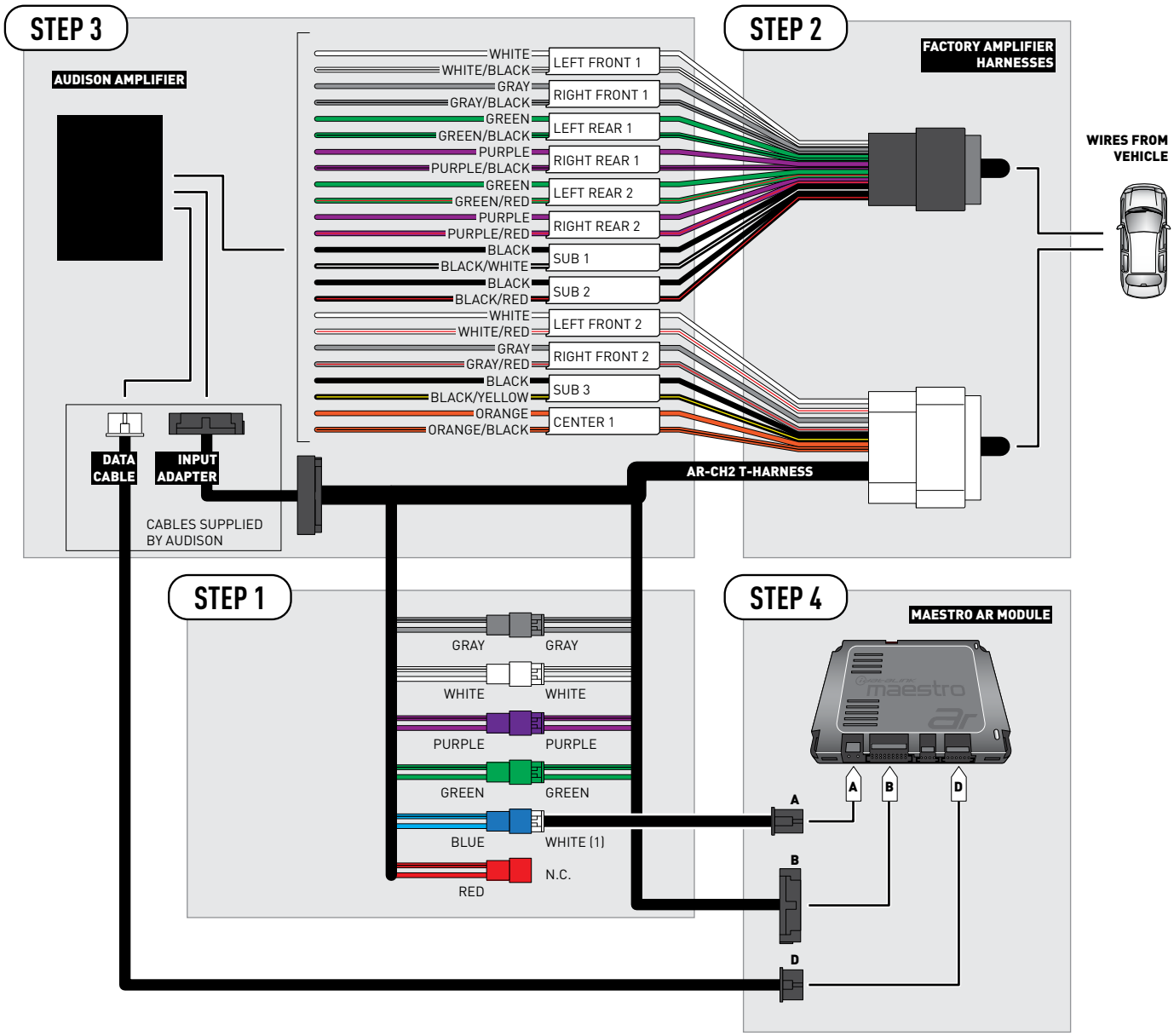
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



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

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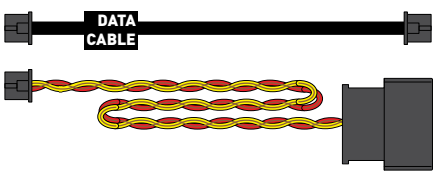
CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
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	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
	Green/Red	Subwoofer 1 (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Center Speaker (+)
	Purple/Red	Center Speaker (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Subwoofer 2 (+)
	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 AND 3500
2010-2012

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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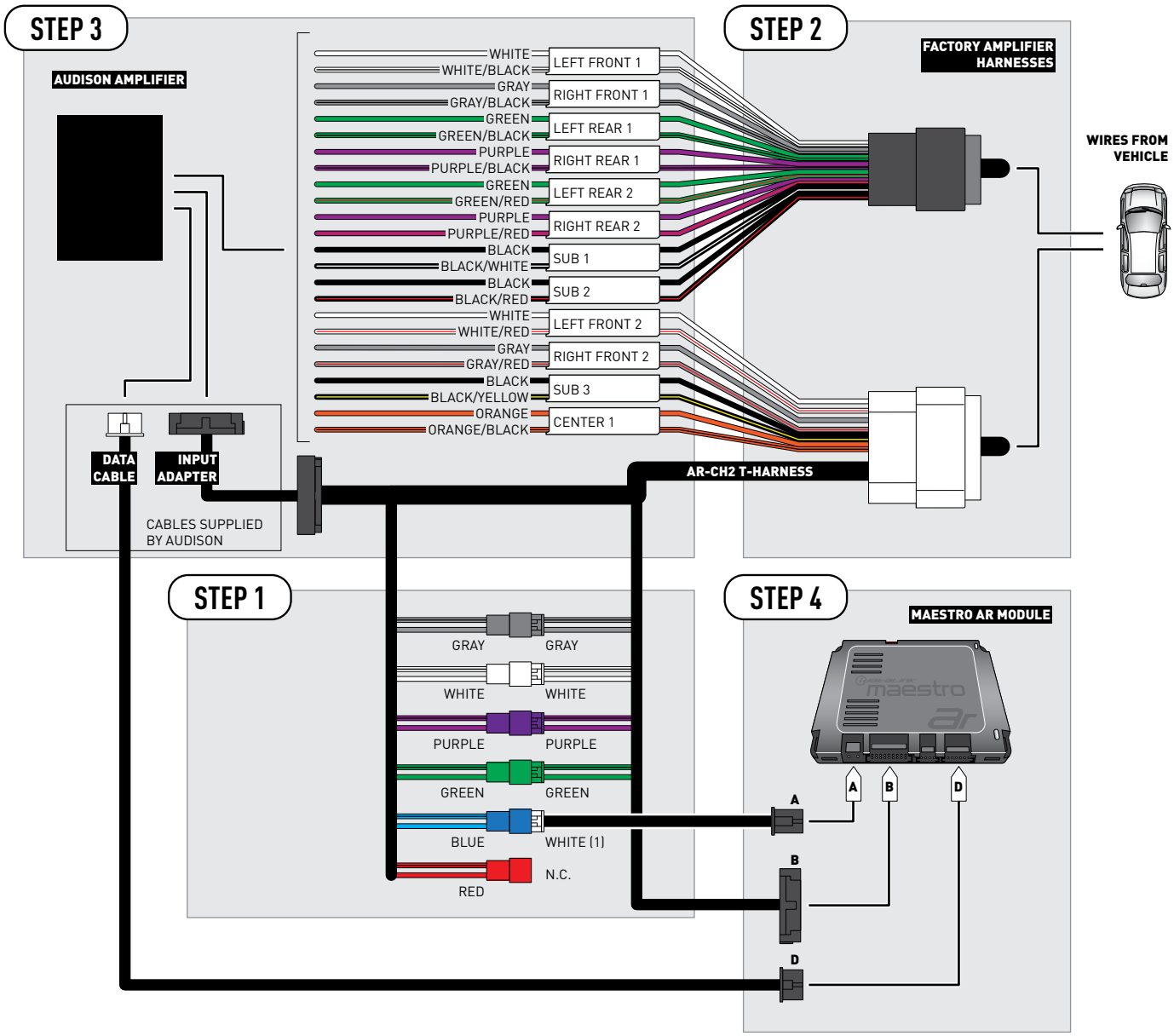
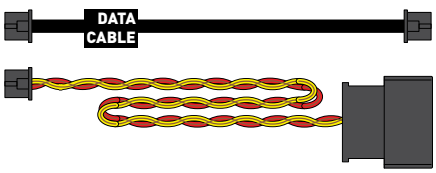
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	**Wire Color**	**Speaker Wire Description**
LEFT FRONT 1	White	Left Front Speaker (+)
	White/Black	Left Front Speaker (-)
LEFT FRONT 2	White	Left Front Tweeter (+)
	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Speaker (+)
	Green/Black	Left Rear Speaker (-)
LEFT REAR 2	Green	Subwoofer 1 (+)
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	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Center (+)
	Purple/Red	Center (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Subwoofer 2 (+)
	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: Right side of dash

INSTALL GUIDE
RAM 2500 AND 3500
2013-2017

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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

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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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

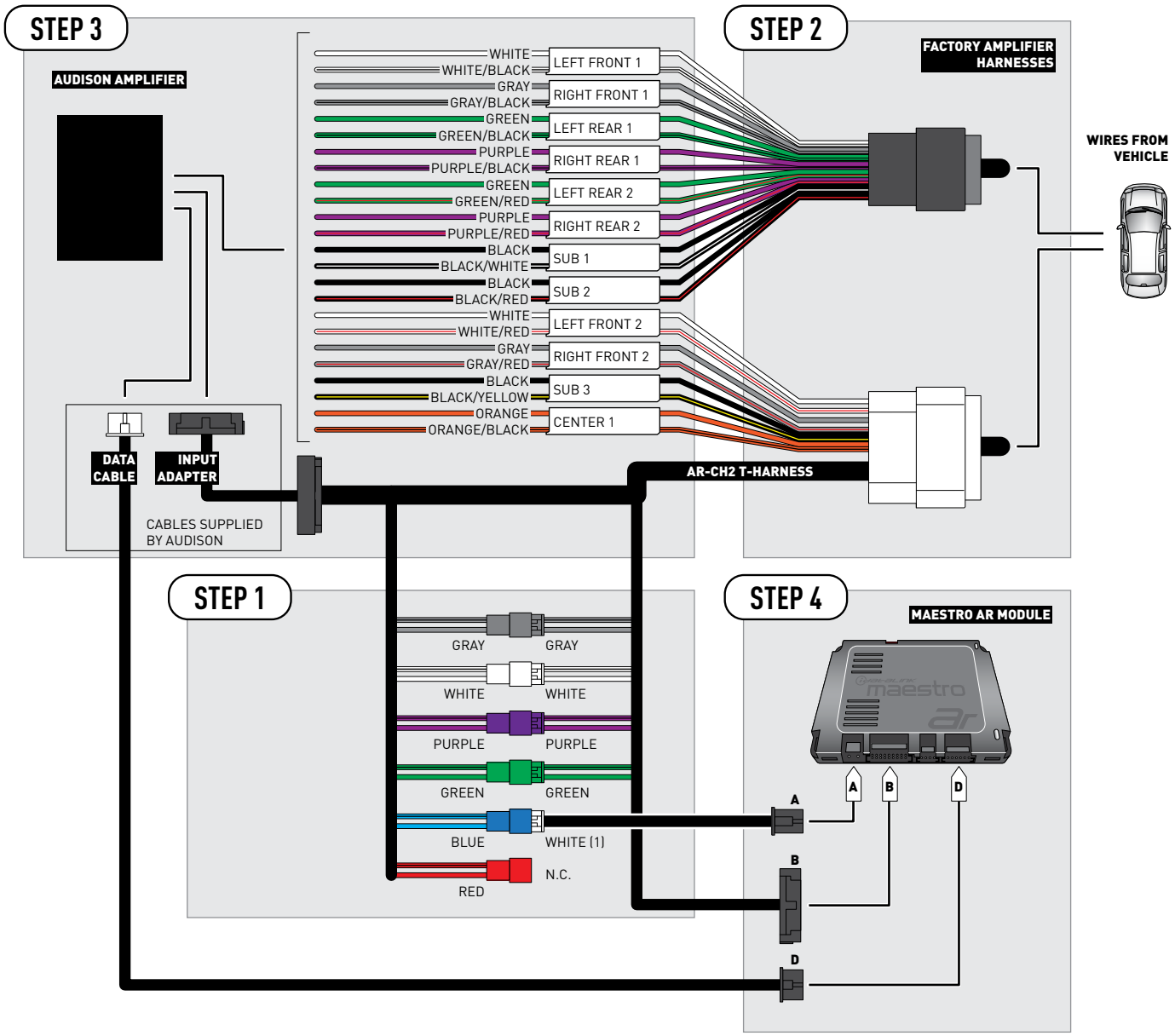
Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

Automotive Data Solutions Inc. © 2017

WIRING DIAGRAM



(1) NOTE:
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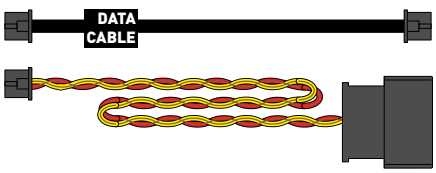
THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



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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 CV
2012-2015

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

PROGRAMMED FIRMWARE
ADS-AR-CHR02

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SETTINGS AND FEATURES

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AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
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Automotive Data Solutions Inc. © 2017

INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

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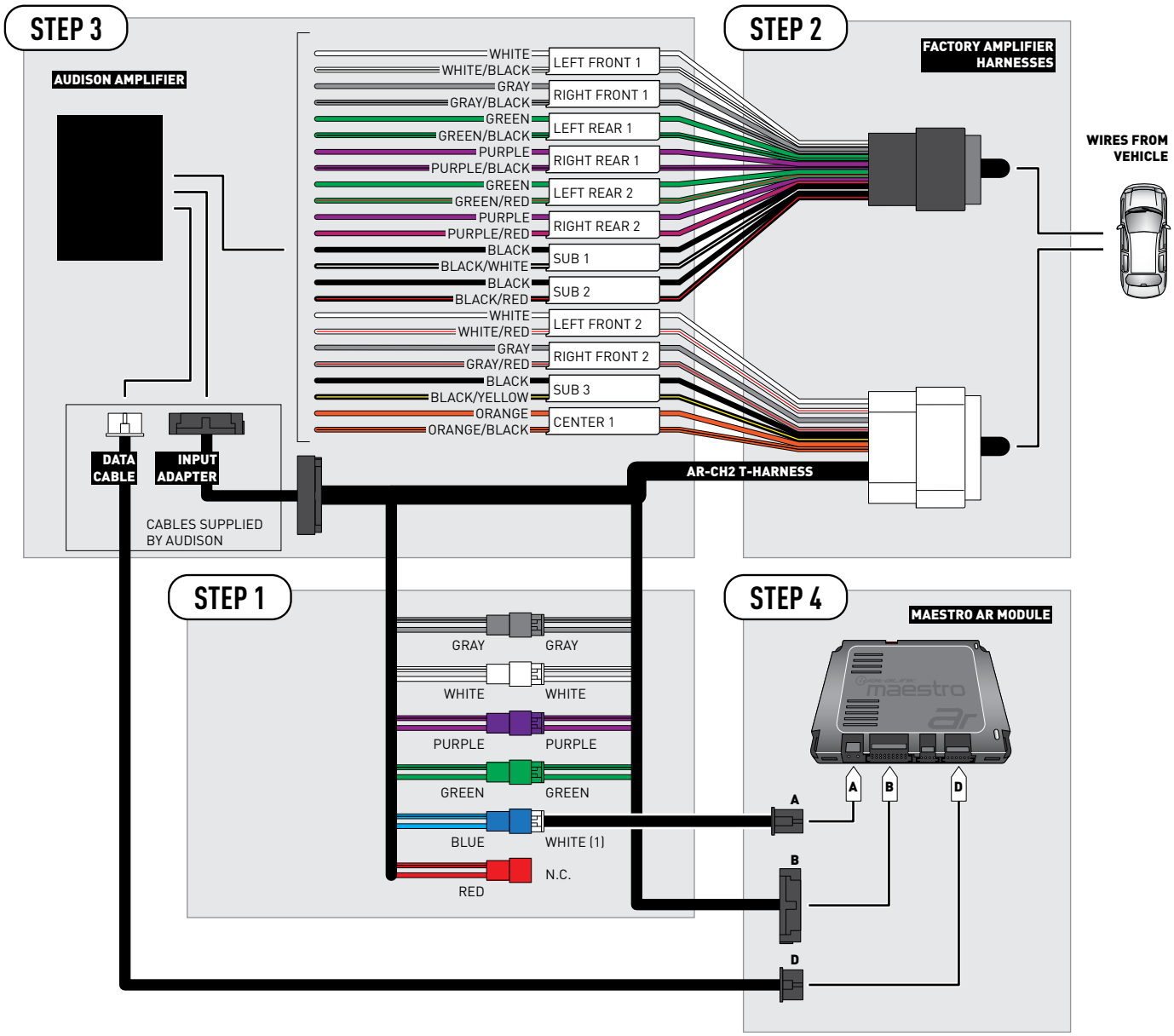
WIRING DIAGRAM



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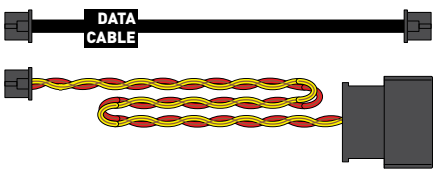
CONNECTIONS NOT REQUIRED



VEHICLE WIRE REFERENCE CHART

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

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: Rear left quarter panel

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INSTALL GUIDE
VOLKSWAGEN ROUTAN
2009-2014

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

audison

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

OPTIONAL ACCESSORIES
HRN-AR-EXT2
HRN-AR-EXT4

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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Installation Instructions	4
Wiring Diagram	5
Vehicle Wire Reference Chart	6

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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.

FACTORY CONTROL FEATURES:

- Bass Tone Control
  Subwoofer Volume
- Mid Tone Control
  Mid Frequency Output Gain
- Treble Tone Control
  High Frequency Output Gain
- Surround Control
  Bass Boost On/Off
- Speed Compensated Volume
  Preset Selection

AUDIO FEATURES:

- Center Channel Speaker
  Not Used
- Prompt Location
  Front Left and Center
- Optical Input
  On (R3 or higher only)

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INSTALLATION INSTRUCTIONS

BEFORE INSTALLING

- **Update the aftermarket amplifier with special firmware to make it compatible with Maestro RR.**

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 female adapter (supplied by Audison). Plus the adapter into the aftermarket amplifier.
- Plug the Data cable (supplied by Audison) to the data port of the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the Maestro AR module.

Note 3:

The aftermarket amplifier will not turn OFF with the key, it will shut down when the vehicle goes to sleep.

Note 4:

The optical input source will be disabled when connected to Maestro AR for Prima amplifiers that have hardware revision R2 or lower.

The optical input of the Prima Amplifier will be used for audio when the OEM radio source "AVINPUT" is used. The volume knob will change the optical volume in the Prima amplifier in vR3 or higher.

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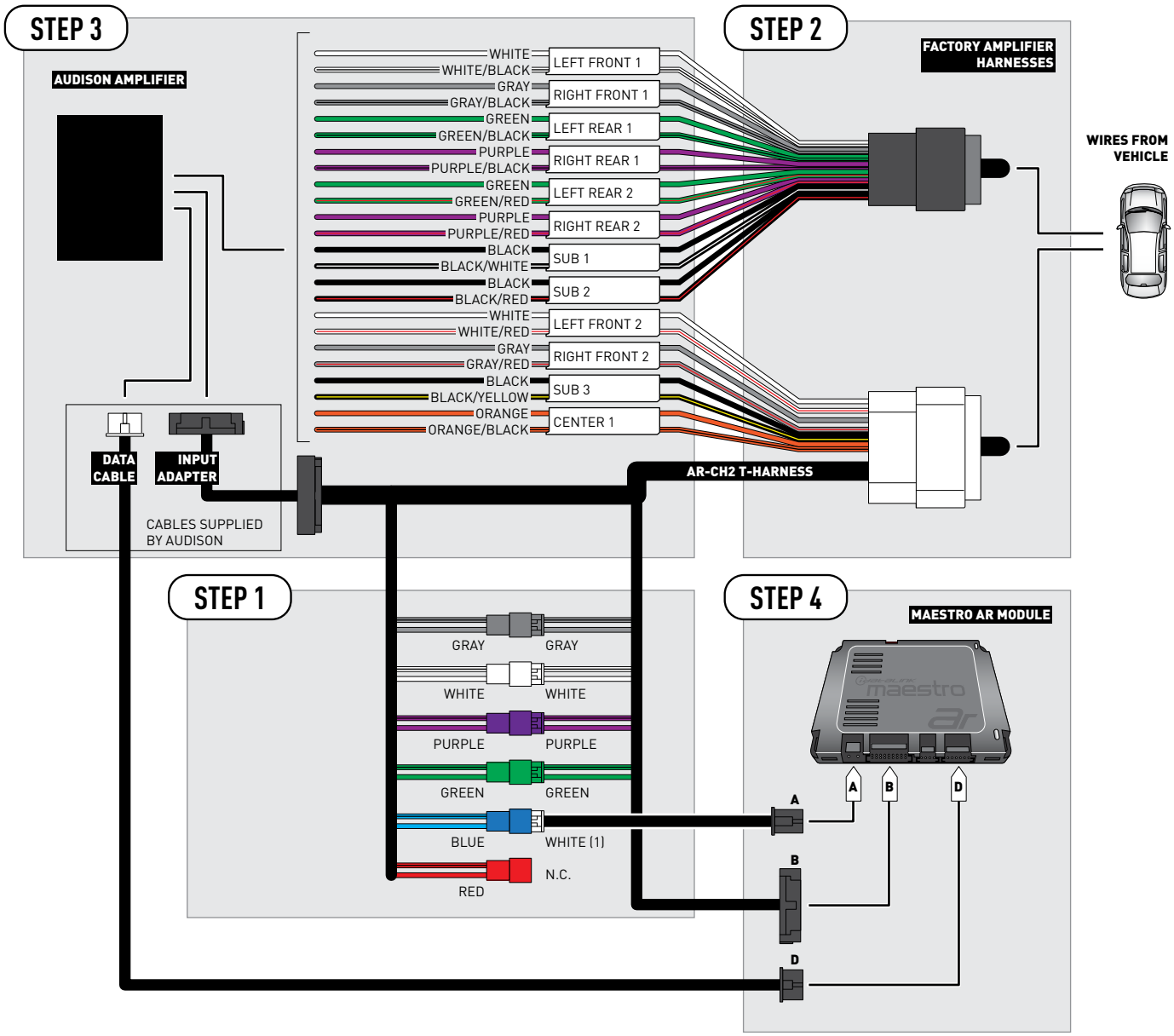
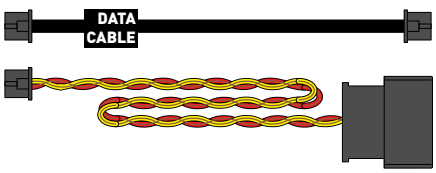
WIRING DIAGRAM



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

THE WHITE 2-PIN ADAPTER SHOULD BE PLUGGED INTO THE EXTENSION HARNESS INSTEAD OF THE CH2 T-HARNESS.

CONNECTIONS NOT REQUIRED



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Amplifier location: Rear left quarter panel

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