



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 DSR1 module according to the guide for your vehicle.

WARNING

Pressing the printer icon or "quick printing" this document will print all of the guides in this compilation.



INSTALL GUIDE CHRYSLER 200 2015-2016

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH2 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

ADS-DSR1-CHR03

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

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 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 module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

NEED HELP?

 **1 866 427-2999**

 **maestro.support@adsdata.ca**

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

TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Vehicle Wire Reference Chart	5

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH2 T-harness.

STEP 3

- Connect the wires from the aCH2 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 aCH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

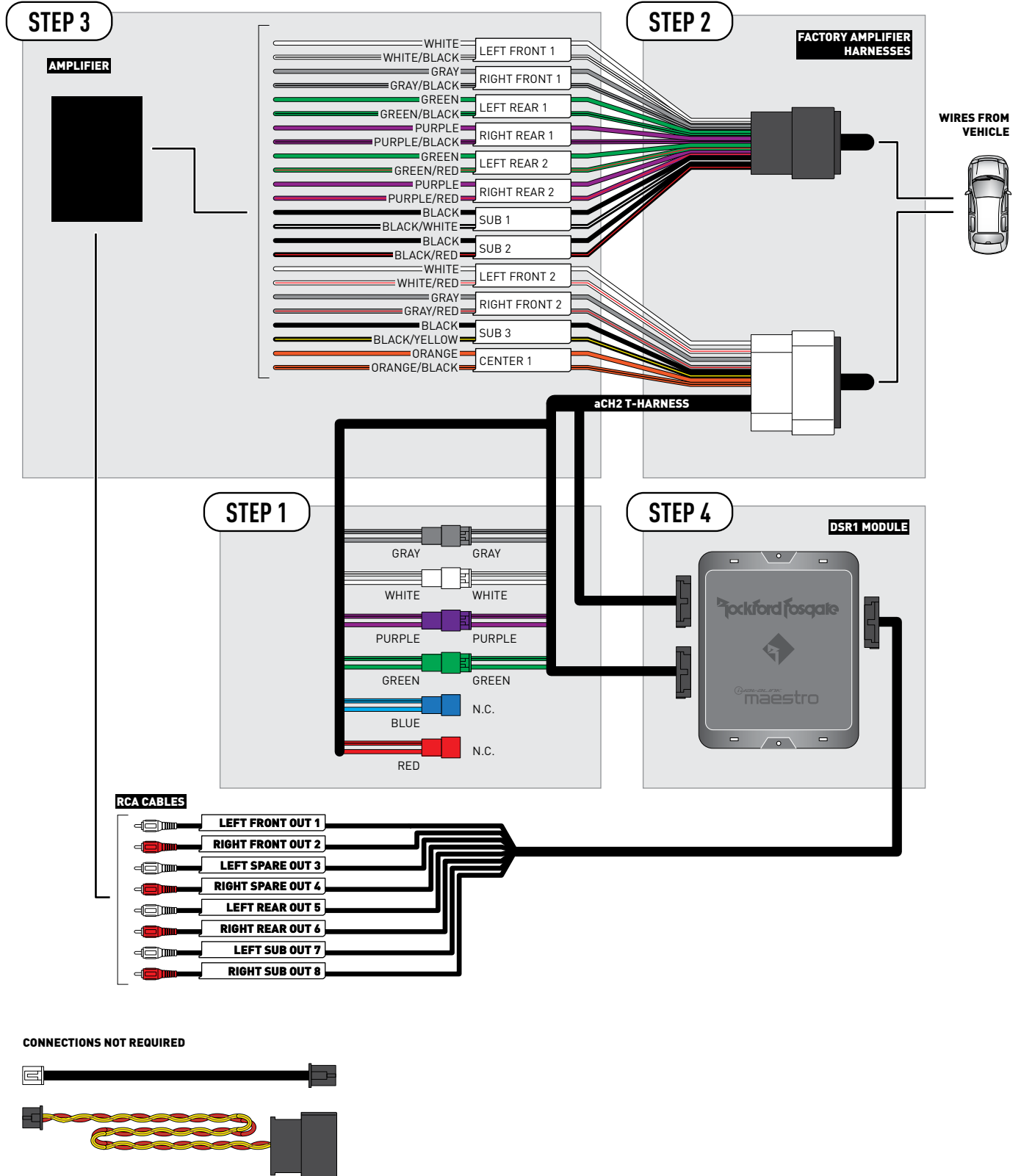
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CHIME ADJUSTMENT

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.

WIRING DIAGRAM



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



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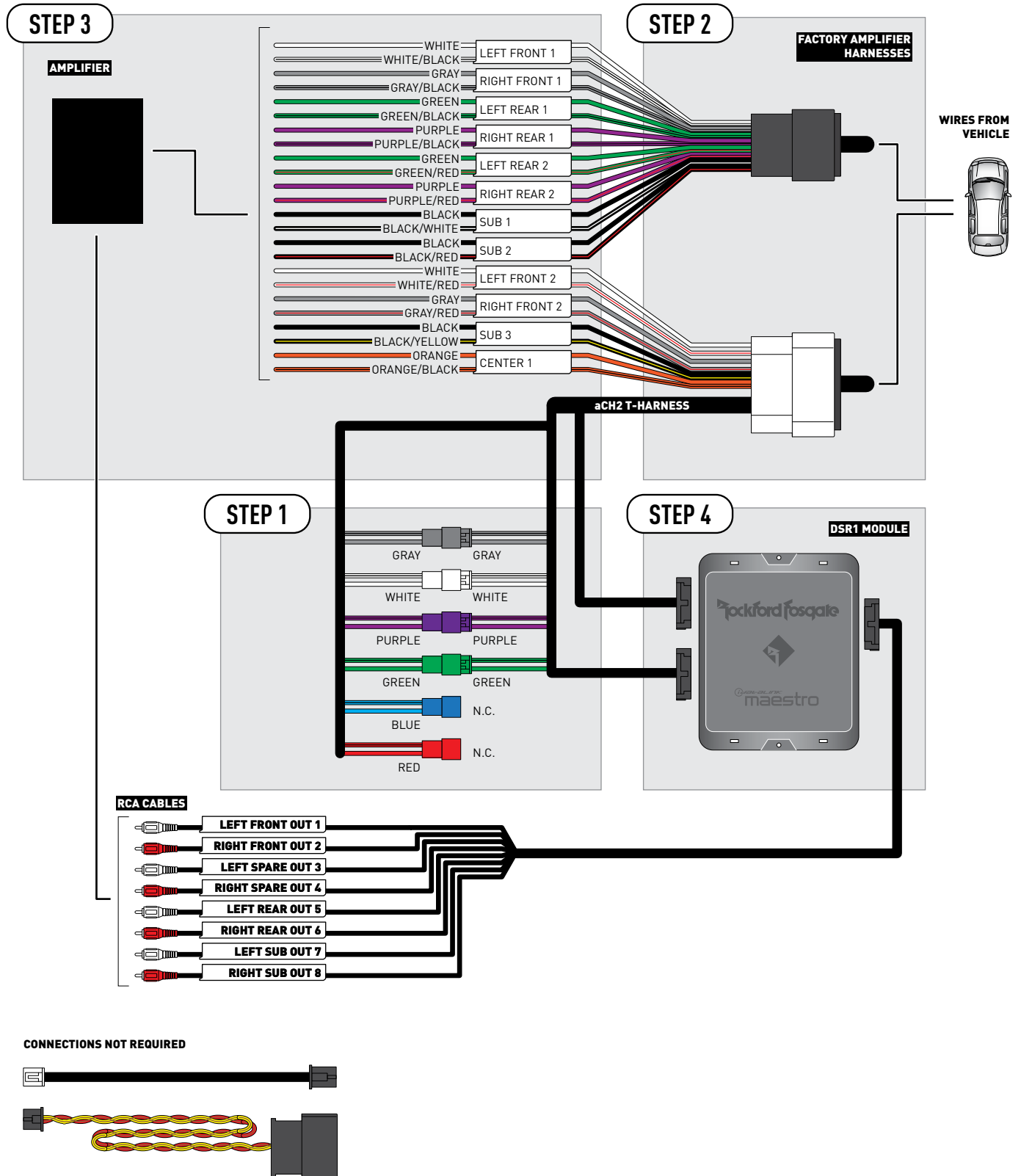
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Amplifier location: Left end of dash



INSTALL GUIDE

DODGE CHALLENGER

2015-2017

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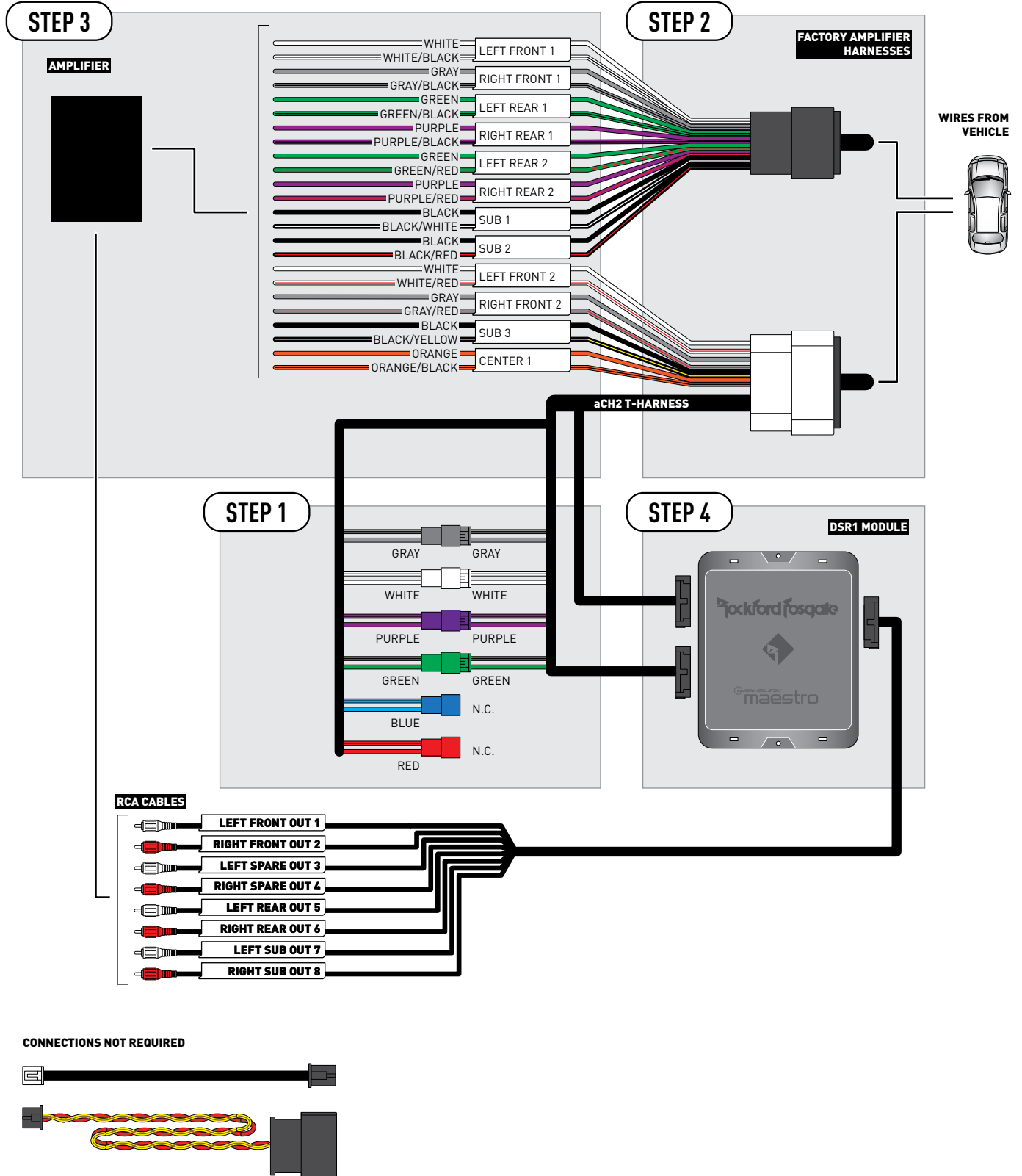
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LEFT REAR 2	Green	Left Rear Mid (+)
	Green/Red	Left Rear Mid (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Right Rear Mid (+)
	Purple/Red	Right Rear Mid (-)
CENTER 1	Orange	Center Speaker (+)
	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
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SUB 3	Black	n/a
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Amplifier location: Left end of dash



INSTALL GUIDE DODGE CHARGER 2012-2017

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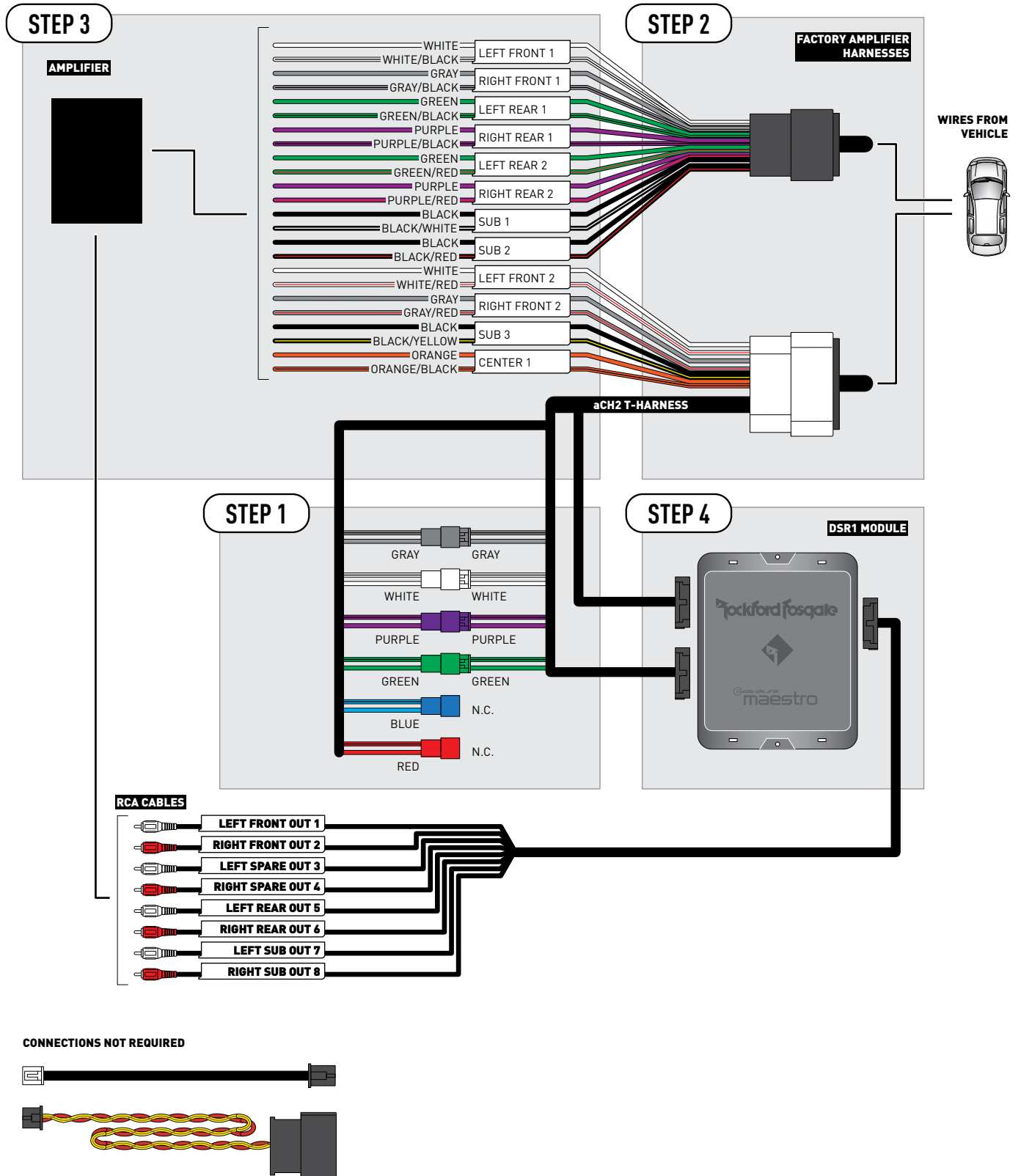
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LEFT REAR 2	Green	Left Rear Speaker (+)
	Green/Red	Left Rear Speaker (-)
RIGHT REAR 1	Purple	Right Rear Speaker (+)
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	Purple/Red	Right Rear Speaker (-)
CENTER 1	Orange	Center Speaker (+)
	Orange/Black	Center Speaker (-)
SUB 1	Black	Subwoofer 1 (+)
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SUB 3	Black	Subwoofer 3 (+)
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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 side of dash



INSTALL GUIDE DODGE DURANGO 2014-2017

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OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

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TABLE OF CONTENTS

Installation Instructions	3
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STEP 4

- Connect all the harnesses to the DSR1 module.

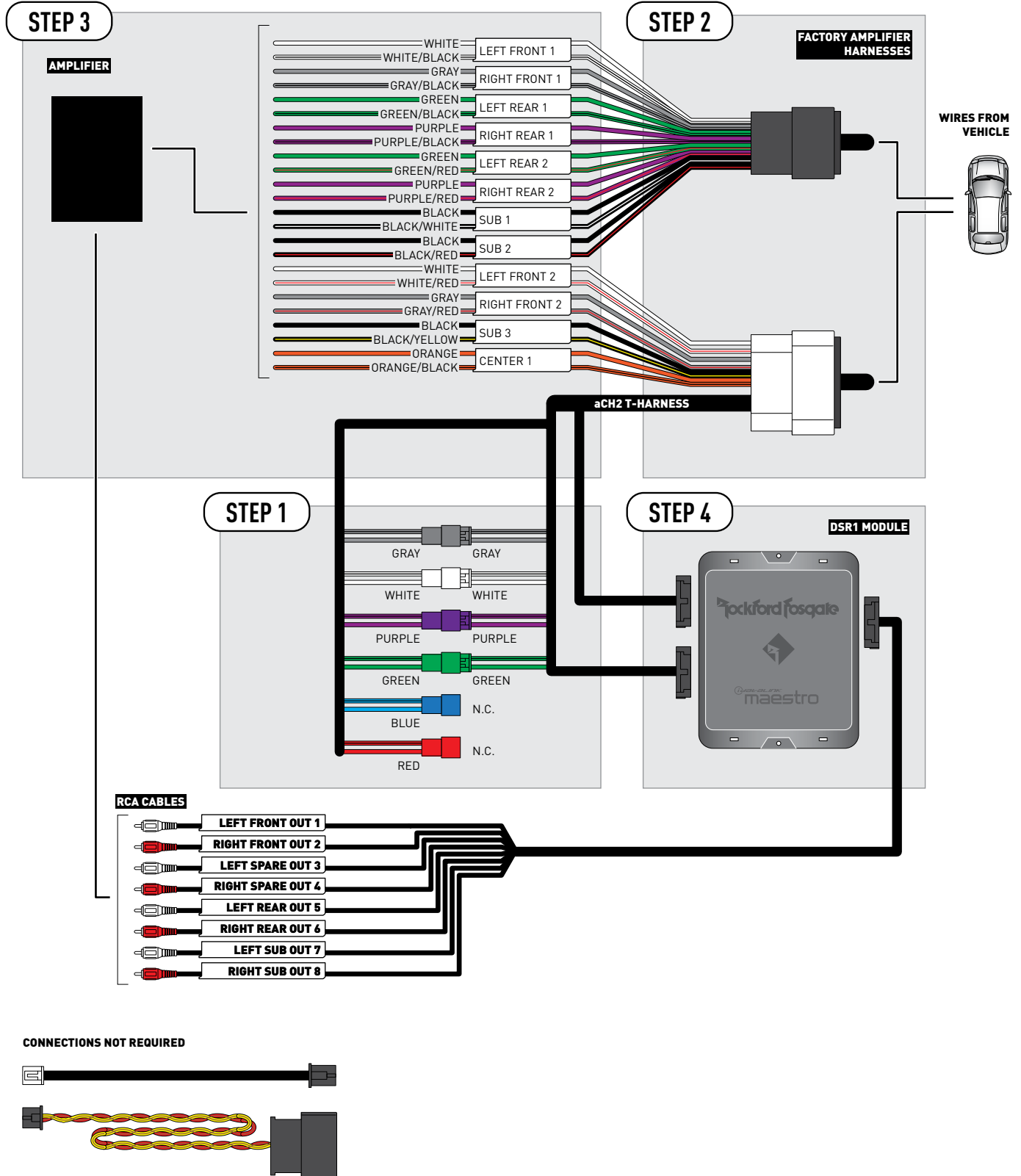
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	Purple/Black	Right Rear Speaker (-)
RIGHT REAR 2	Purple	Subwoofer 1 (+)
	Purple/Red	Subwoofer 1 (-)
CENTER 1	Orange	Left Rear Tweeter (+)
	Orange/Black	Left Rear Tweeter (-)
SUB 1	Black	Right Rear Tweeter (+)
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SUB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

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Amplifier location: Left side of cargo area



INSTALL GUIDE DODGE JOURNEY 2011-2017

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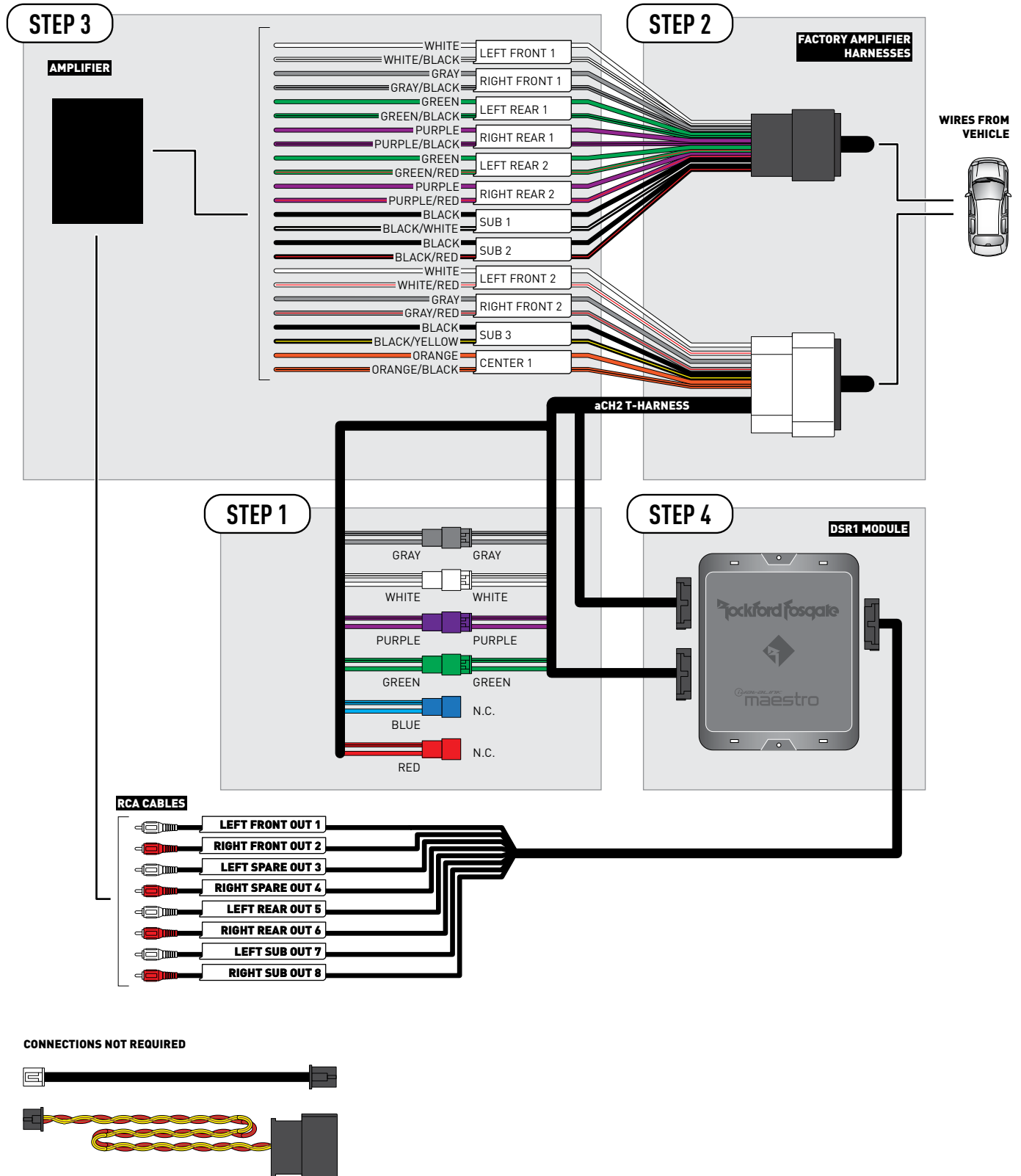
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	Orange/Black	n/a
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SUB 2	Black	n/a
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SUB 3	Black	n/a
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Amplifier location: Center console



INSTALL GUIDE JEEP CHEROKEE 2014-2017

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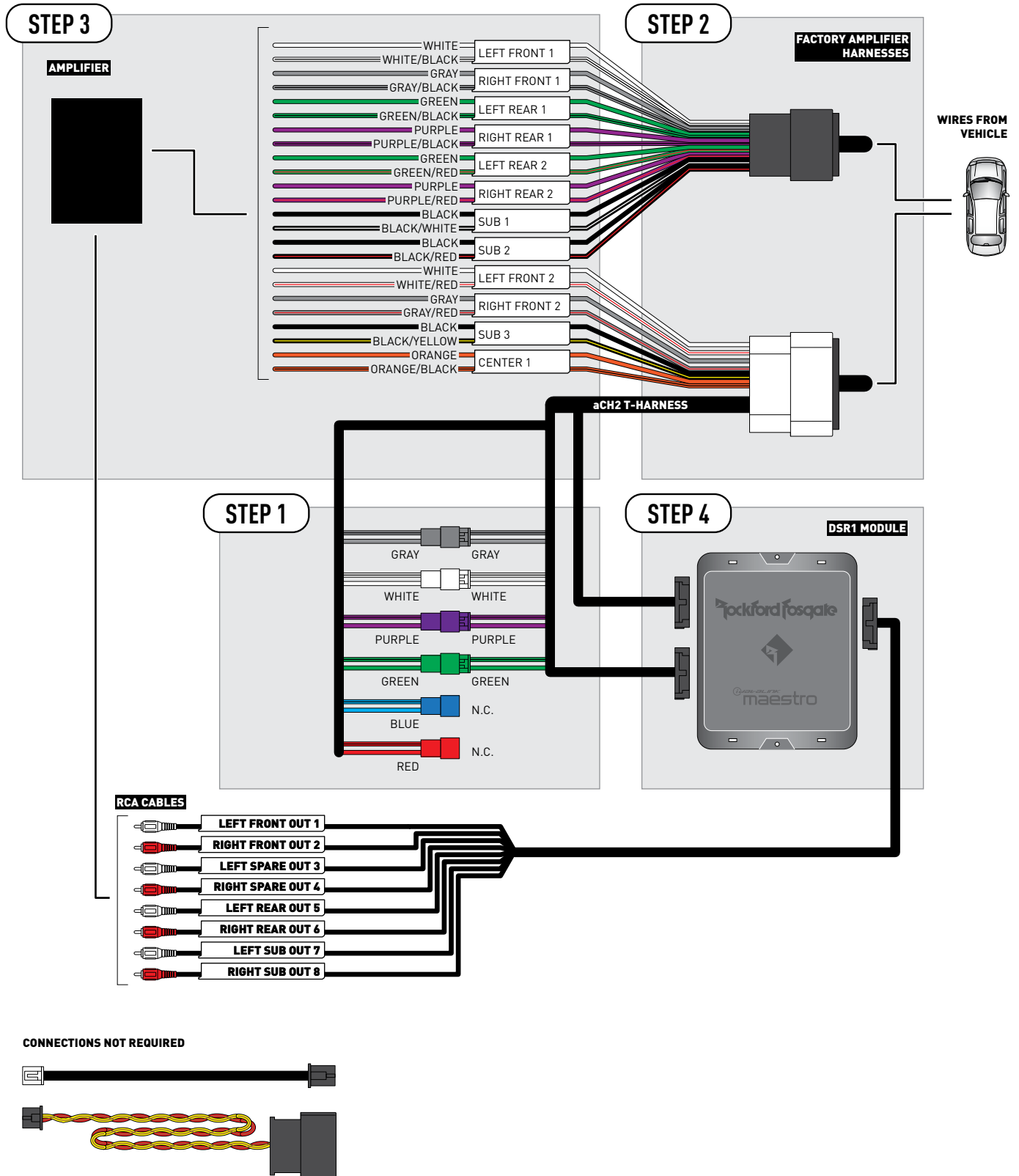
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	White/Red	Left Front Tweeter (-)
RIGHT FRONT 1	Gray	Right Front Speaker (+)
	Gray/Black	Right Front Speaker (-)
RIGHT FRONT 2	Gray	Right Front Tweeter (+)
	Gray/Red	Right Front Tweeter (-)
LEFT REAR 1	Green	Left Rear Tweeter (+)
	Green/Black	Left 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



INSTALL GUIDE

JEEP GRAND CHEROKEE

2014-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH2 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

ADS-DSR1-CHR03

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

WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 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 module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

NEED HELP?

 **1 866 427-2999**

 **maestro.support@adsdata.ca**

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

TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Vehicle Wire Reference Chart	5

INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH2 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH2 T-harness.

STEP 3

- Connect the wires from the aCH2 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 aCH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

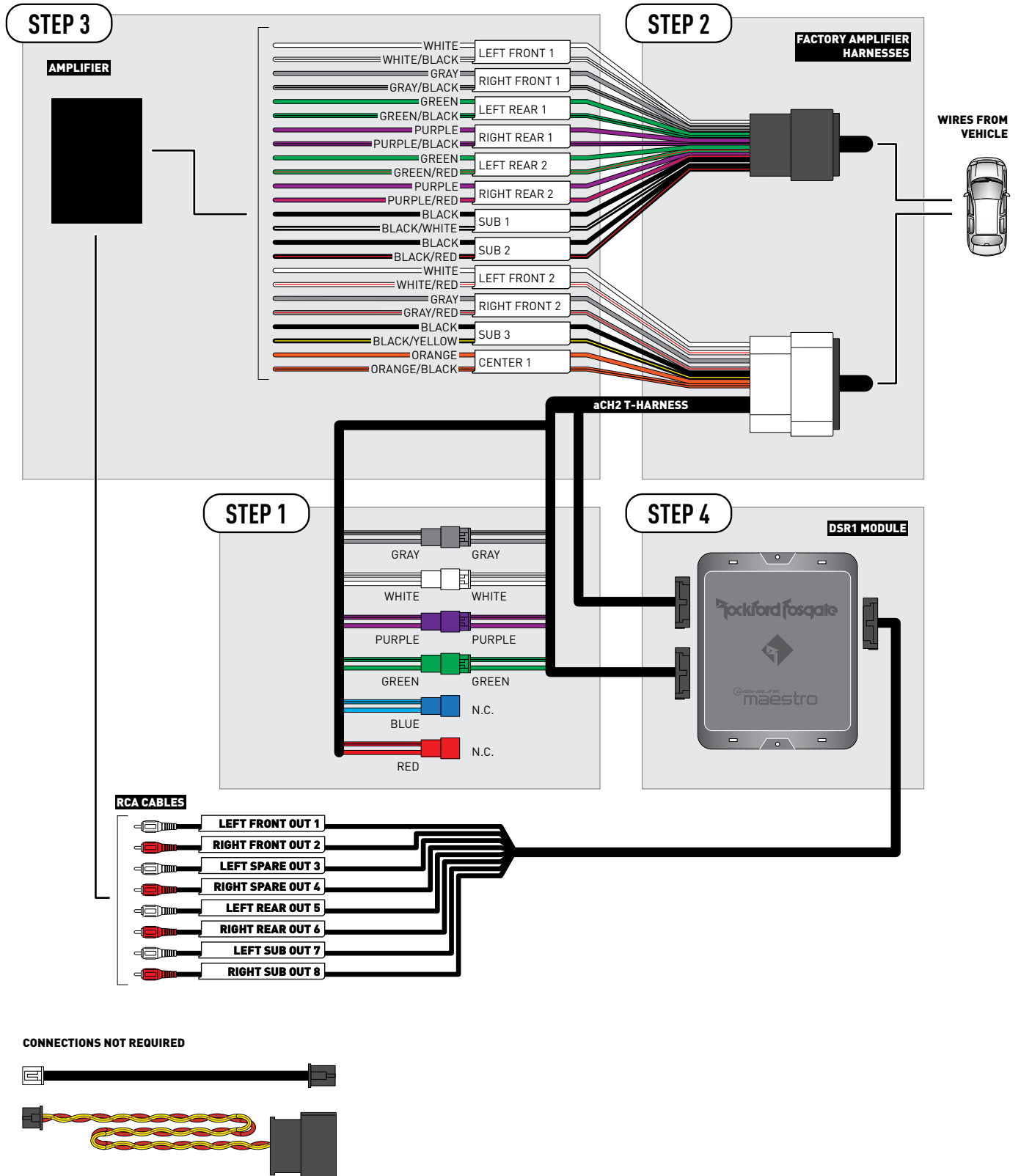
CHIME ADJUSTMENT

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.

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

WIRING DIAGRAM



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 2 (+)
	Green/Red	Subwoofer 2 (-)
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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 RAM 1500 2013-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH2 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

ADS-DSR1-CHR03

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WELCOME

Congratulations on the purchase of your iDatalink Maestro / Rockford Fosgate DSR1 Amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Vehicle Wire Reference Chart	5

INSTALLATION INSTRUCTIONS

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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 aCH2 T-harness do not correspond to the vehicle. For vehicle specific wiring designation, see the wiring chart.

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

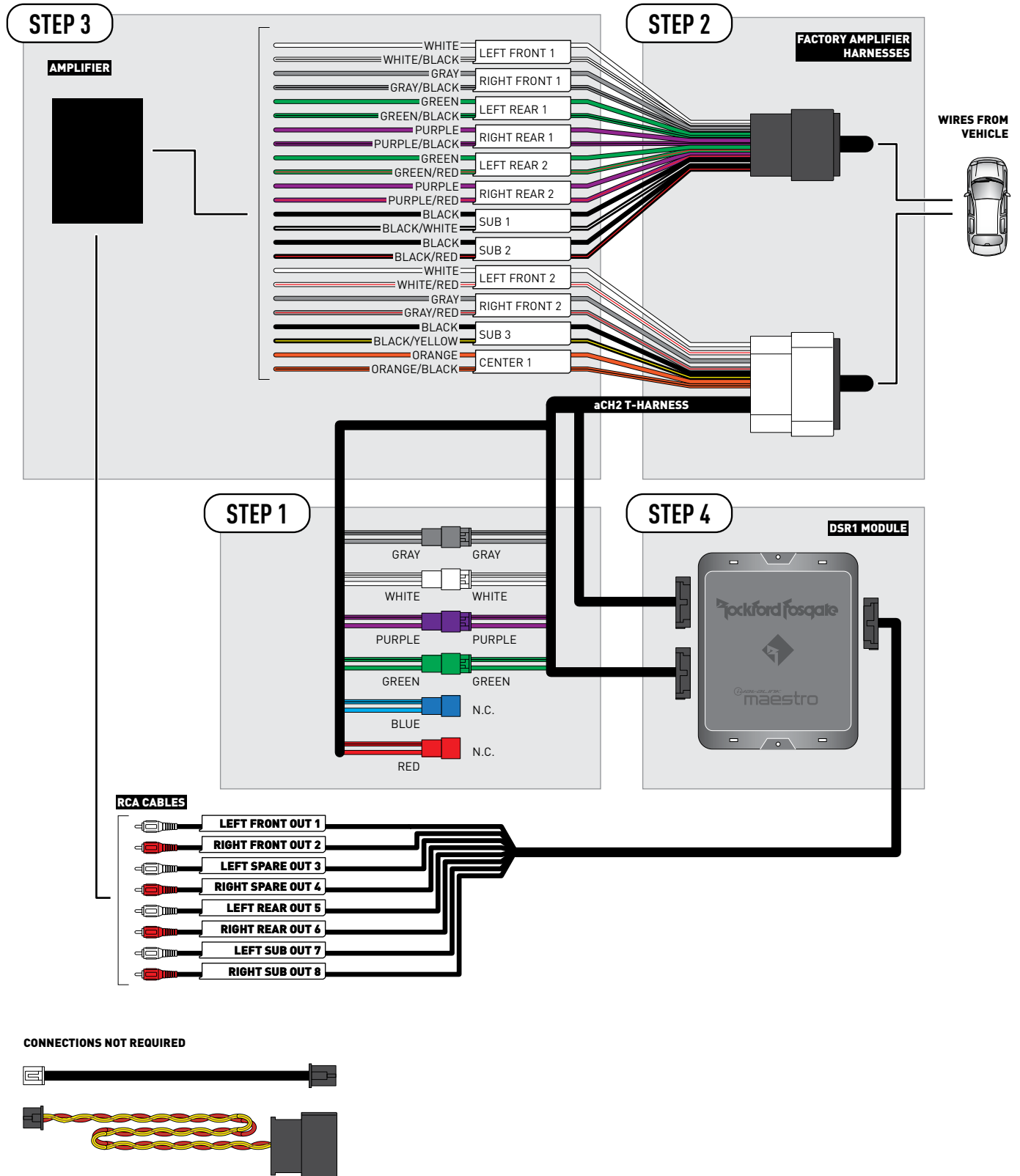
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

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.

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

T-Harness Wires		Vehicle Wires
Wire Tag	Wire Color	Speaker Wire Description
LEFT FRONT 1	White	Left Front Speaker (+)
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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 & 3500 2013-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH2 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

ADS-DSR1-CHR03

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WELCOME

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

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TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Vehicle Wire Reference Chart	5

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- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

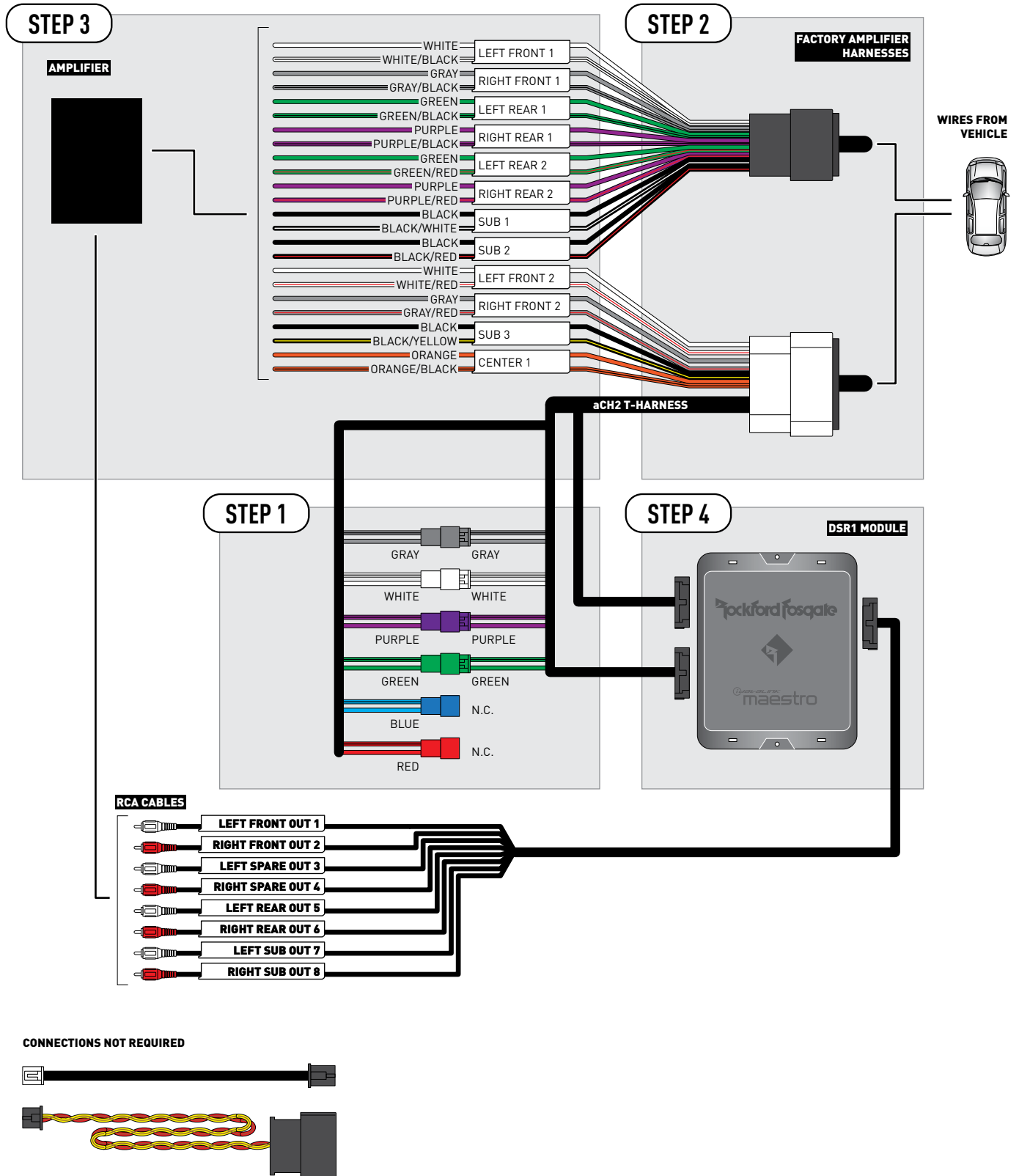
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	Black/White	Right Rear Tweeter (-)
SUB 2	Black	n/a
	Black/Red	n/a
SUB 3	Black	Subwoofer 2 (+)
	Black/Yellow	Subwoofer 2 (-)

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