



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 300 WITH HARMAN KARDON 2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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@idatalink.com

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INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH4 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

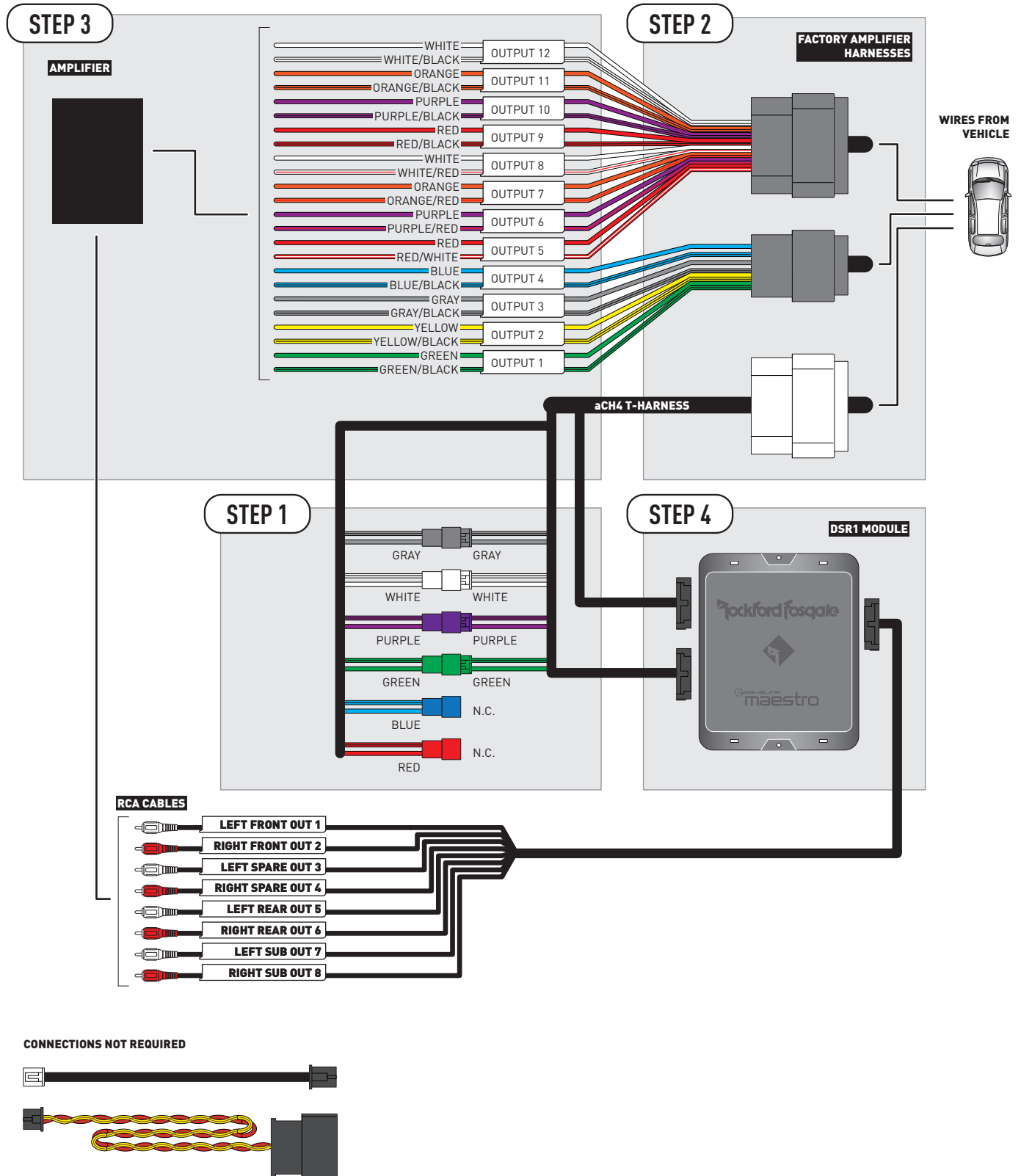
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left end of dash



INSTALL GUIDE CHRYSLER 300 WITH HARMAN KARDON 2018-2019

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Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

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Note 1:

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Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

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STEP 1

GRAY GRAY
WHITE WHITE
PURPLE PURPLE
GREEN GREEN
BLUE N.C.
RED N.C.

RESISTOR PACK (1)

STEP 2

WHITE OUTPUT 12
WHITE/BLACK
ORANGE OUTPUT 11
ORANGE/BLACK
PURPLE OUTPUT 10
PURPLE/BLACK
RED OUTPUT 9
RED/BLACK
WHITE OUTPUT 8
WHITE/RED
ORANGE OUTPUT 7
ORANGE/RED
PURPLE OUTPUT 6
PURPLE/RED
RED OUTPUT 5
RED/WHITE
BLUE OUTPUT 4
BLUE/BLACK
GRAY OUTPUT 3
GRAY/BLACK
YELLOW OUTPUT 2
YELLOW/BLACK
GREEN OUTPUT 1
GREEN/BLACK

OUTPUT 12
OUTPUT 11
OUTPUT 10
OUTPUT 9
OUTPUT 8
OUTPUT 7
OUTPUT 6
OUTPUT 5
OUTPUT 4
OUTPUT 3
OUTPUT 2
OUTPUT 1

STEP 3

AMPLIFIER

STEP 4

DSR1 MODULE

Rockford Fosgate
maestro

Wires from Vehicle

[1] NOTE:
IF THE RESISTOR PACK IS NOT INCLUDED, USE FOUR 500 OHM RESISTORS,
PUT EACH RESISTOR ACROSS THE WIRES OF THE WHITE, GRAY, GREEN, AND PURPLE 2 PIN CONNECTORS.

RCA CABLES

LEFT FRONT OUT 1
RIGHT FRONT OUT 2
LEFT SPARE OUT 3
RIGHT SPARE OUT 4
LEFT REAR OUT 5
RIGHT REAR OUT 6
LEFT SUB OUT 7
RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

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OUTPUT 4	Blue	Right Front Speaker (+)
	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Subwoofer 1 (+)
	Red/White	Subwoofer 1 (-)
OUTPUT 6	Purple	Left Rear Tweeter (+)
	Purple/Red	Left Rear Tweeter (-)
OUTPUT 7	Orange	Right Rear Tweeter (+)
	Orange/Red	Right Rear Tweeter (-)
OUTPUT 8	White	Center (+)
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OUTPUT 10	Purple	Left Rear Deck Speaker (+)
	Purple/Black	Left Rear Deck Speaker (-)
OUTPUT 11	Orange	Right Rear Speaker (+)
	Orange/Black	Right Rear Speaker (-)
OUTPUT 12	White	Left Rear Speaker (+)
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Amplifier location: Left end of dash



INSTALL GUIDE CHRYSLER PACIFICA WITH AMP 2017-2021

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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PRODUCTS REQUIRED

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iDatalink Maestro aCH4 Installation Harness

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PROGRAMMED FIRMWARE

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STEP 1

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Note 1:

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STEP 2

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STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

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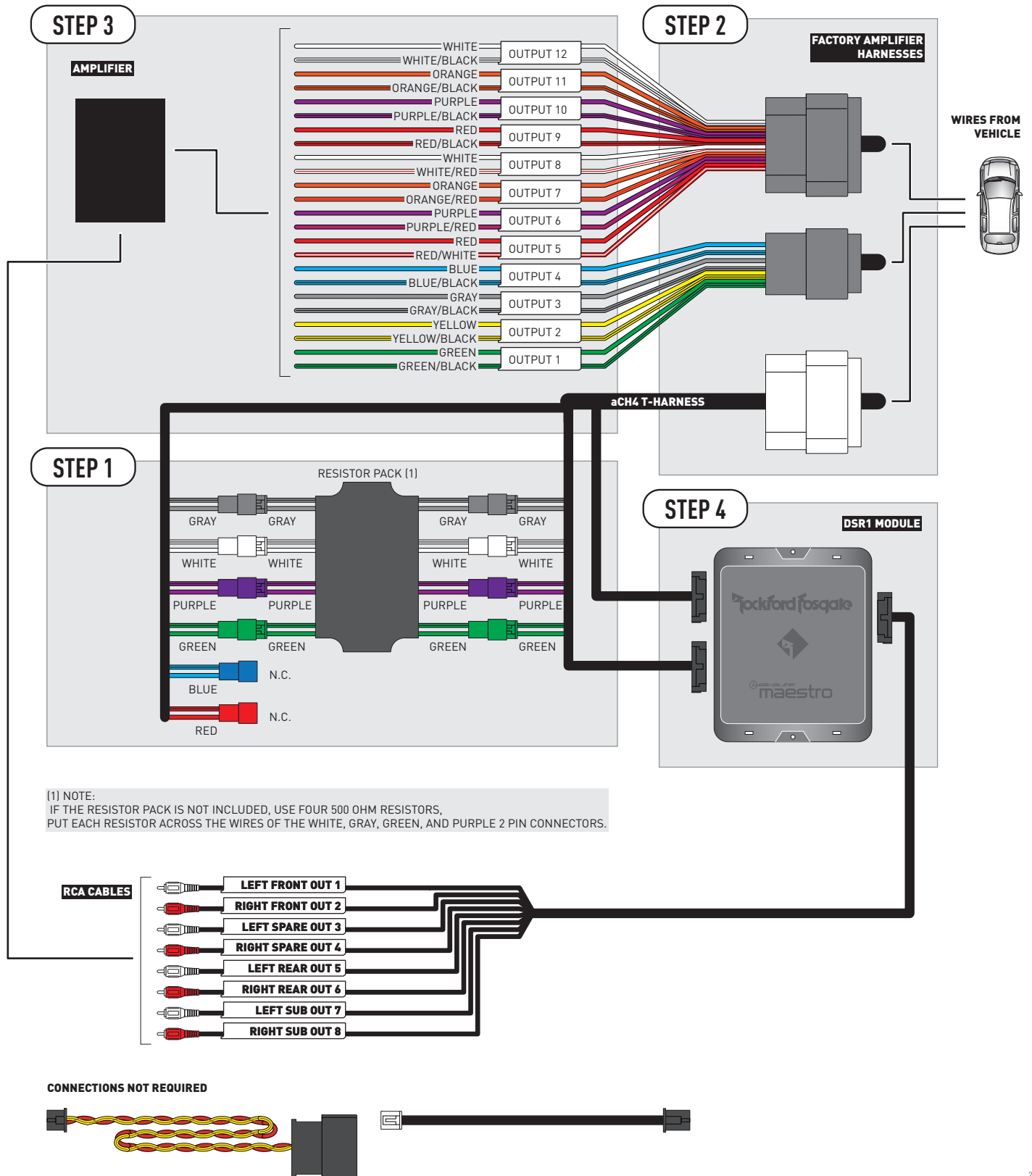
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	Blue/Black	Right Front Speaker (-)
OUTPUT 5	Red	Right Hatch Subwoofer (+)
	Red/White	Right Hatch Subwoofer (-)
OUTPUT 6	Purple	Left Hatch Subwoofer (+)
	Purple/Red	Left Hatch Subwoofer (-)
OUTPUT 7	Orange	Left and Right Rear Mono Tweeter (+)
	Orange/Red	Left and Right Rear Mono Tweeter (-)
OUTPUT 8	White	Center (+)
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OUTPUT 9	Red	Right Rear Door Speaker (+)
	Red/Black	Right Rear Door Speaker (-)
OUTPUT 10	Purple	Left Rear Door Speaker (+)
	Purple/Black	Left Rear Door Speaker (-)
OUTPUT 11	Orange	Right Rear Door Tweeter (+)
	Orange/Black	Right Rear Door Tweeter (-)
OUTPUT 12	White	Left Rear Door Tweeter (+)
	White/Black	Left Rear Door Tweeter (-)

Amplifier location: Left quarter panel



INSTALL GUIDE CHRYSLER VOYAGER WITH AMP 2020-2021

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

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STEP 2

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STEP 3

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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.

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

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Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

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STEP 1

RESISTOR PACK (1)

GRAY GRAY WHITE WHITE PURPLE PURPLE GREEN GREEN BLUE N.C. RED N.C.

STEP 2

FACTORY AMPLIFIER HARNESSES

Wires from vehicle

STEP 3

AMPLIFIER

OUTPUT 12 OUTPUT 11 OUTPUT 10 OUTPUT 9 OUTPUT 8 OUTPUT 7 OUTPUT 6 OUTPUT 5 OUTPUT 4 OUTPUT 3 OUTPUT 2 OUTPUT 1

WHITE WHITE/BLACK ORANGE ORANGE/BLACK PURPLE PURPLE/BLACK RED RED/BLACK WHITE WHITE/RED ORANGE ORANGE/RED PURPLE PURPLE/RED RED RED/WHITE BLUE BLUE/BLACK GRAY GRAY/BLACK YELLOW YELLOW/BLACK GREEN GREEN/BLACK

STEP 4

DSR1 MODULE

Rockford Fosgate maestro

RCA CABLES

LEFT FRONT OUT 1 RIGHT FRONT OUT 2 LEFT SPARE OUT 3 RIGHT SPARE OUT 4 LEFT REAR OUT 5 RIGHT REAR OUT 6 LEFT SUB OUT 7 RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

[1] NOTE:
IF THE RESISTOR PACK IS NOT INCLUDED, USE FOUR 500 OHM RESISTORS, PUT EACH RESISTOR ACROSS THE WIRES OF THE WHITE, GRAY, GREEN, AND PURPLE 2 PIN CONNECTORS.

VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left quarter panel



INSTALL GUIDE DODGE CHALLENGER WITH HARMAN KARDON 2016-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 Installation Harness

OPTIONAL ACCESSORIES

PROGRAMMED FIRMWARE

ADS-DSR1-CHR03

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NEED HELP?

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INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH4 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

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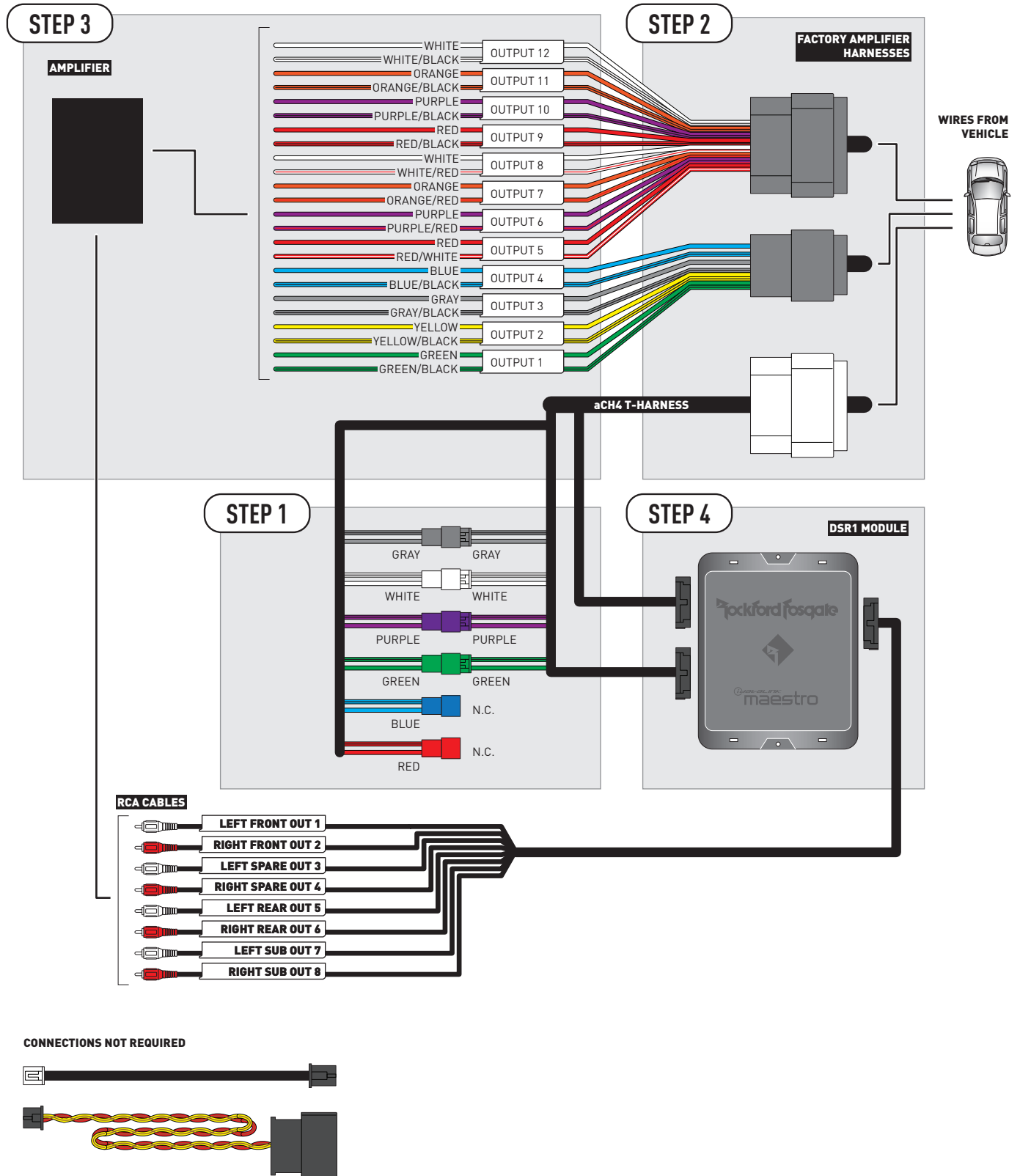
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Amplifier location: Driver kick panel



INSTALL GUIDE DODGE CHALLENGER WITH HARMAN KARDON 2018-2023

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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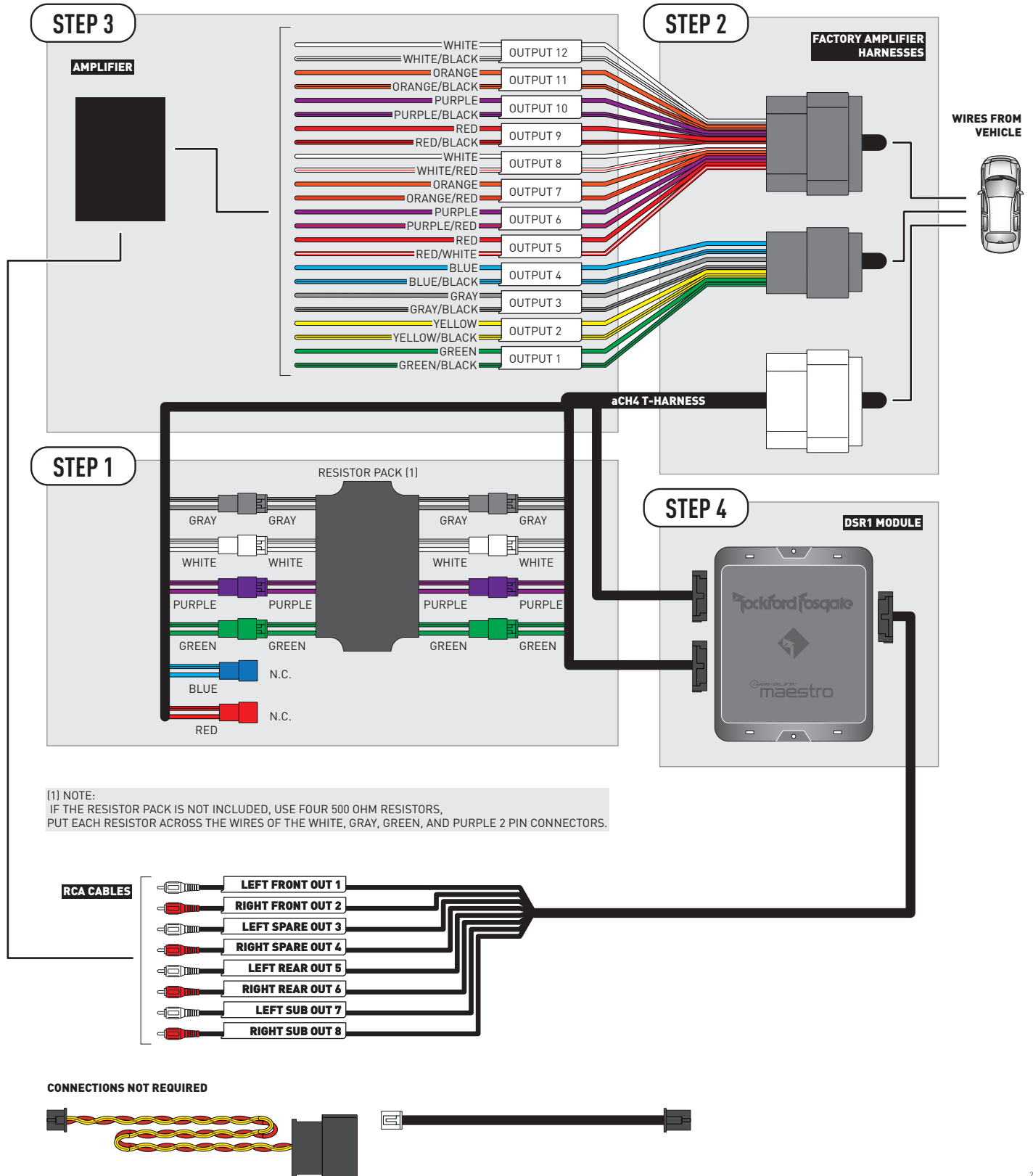
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OUTPUT 11	Orange	Right Rear Tweeter (+)
	Orange/Black	Right Rear Tweeter (-)
OUTPUT 12	White	Left Rear Tweeter (+)
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Amplifier location: Driver kick panel



INSTALL GUIDE DODGE CHARGER WITH HARMAN KARDON 2016-2017

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION,
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CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

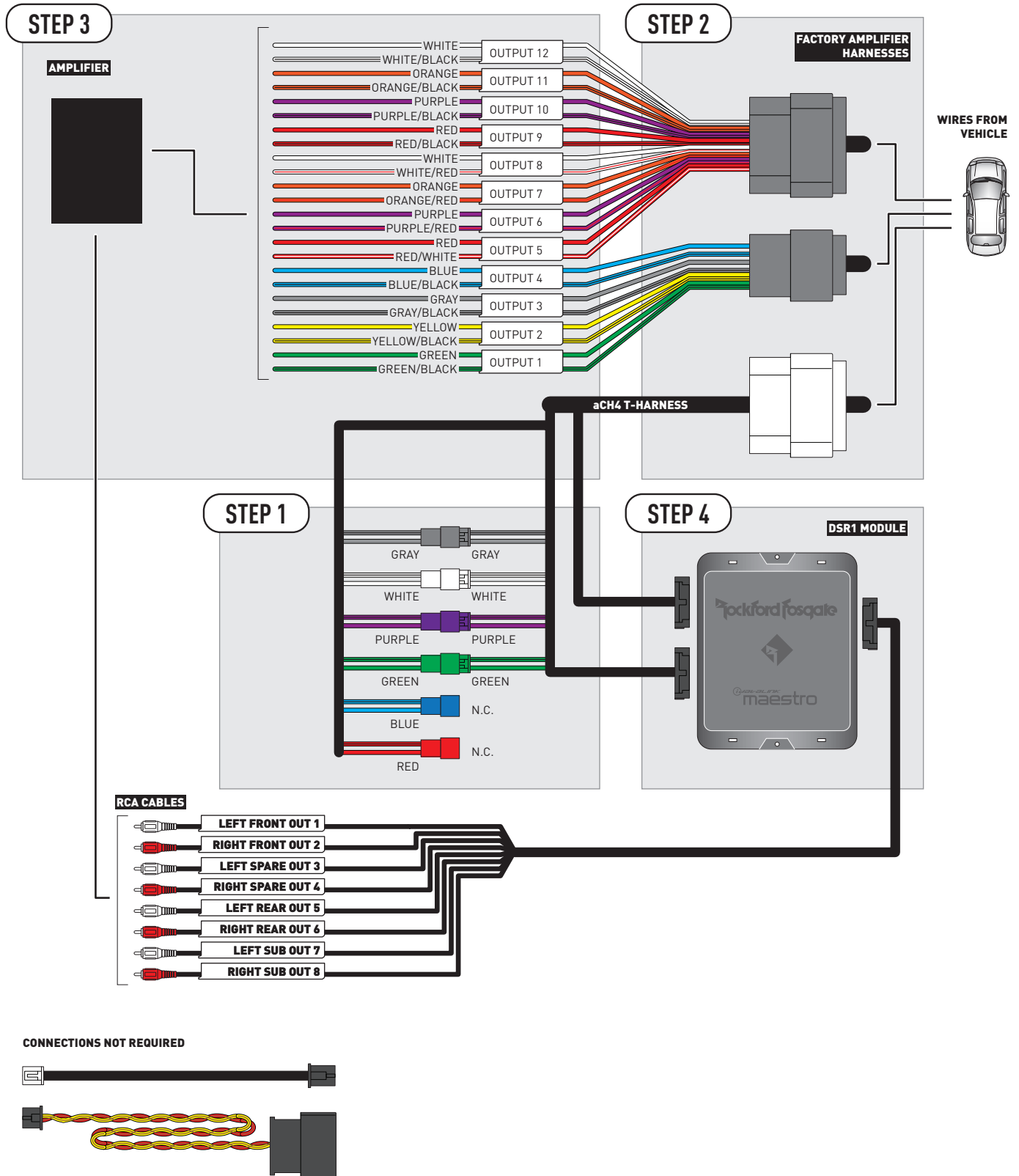
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left end of dash



INSTALL GUIDE DODGE CHARGER WITH HARMAN KARDON 2018-2023

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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Wiring Diagram	4
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NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

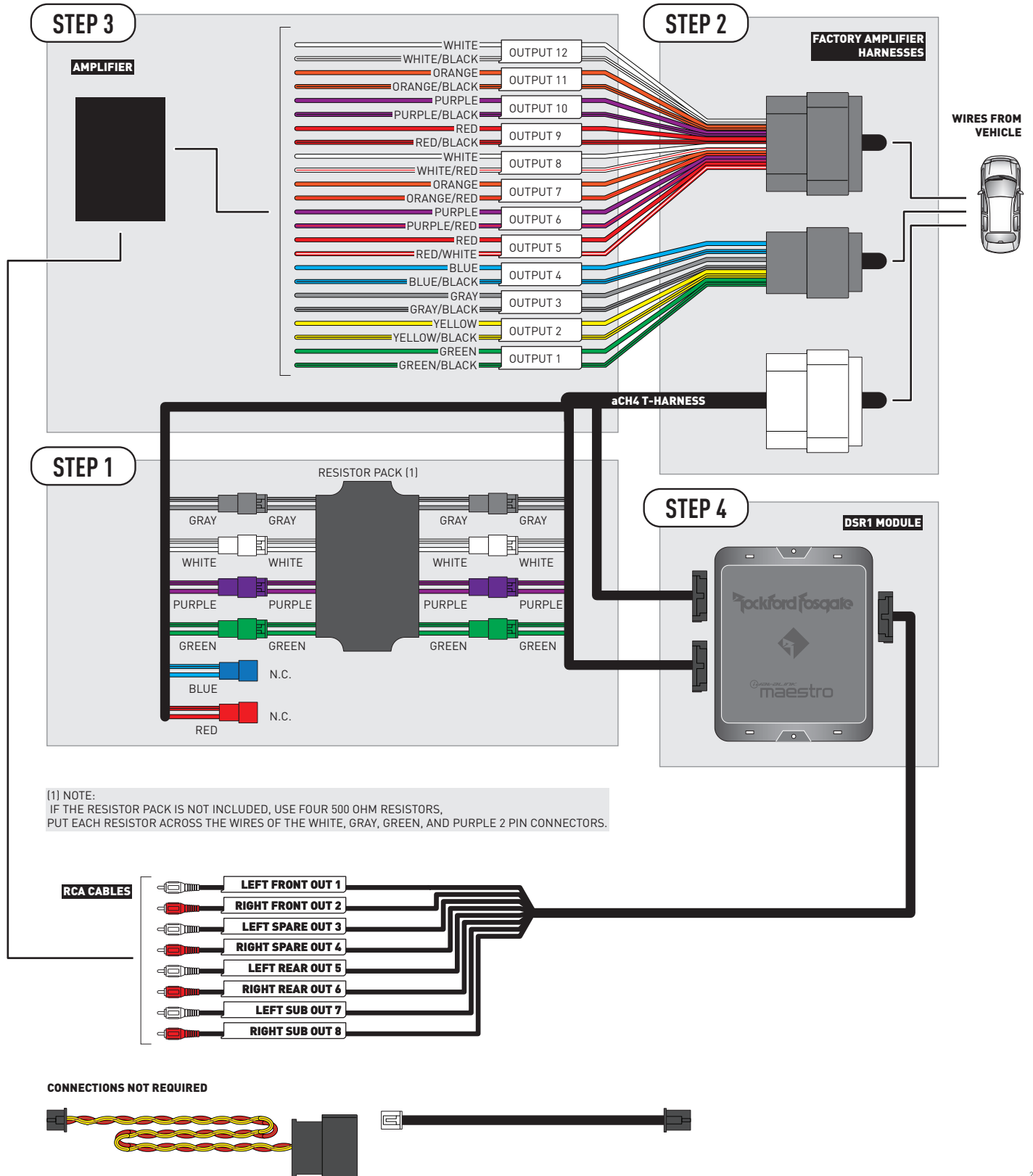
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left end of dash



INSTALL GUIDE DODGE DURANGO WITH HARMAN KARDON 2018-2020

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

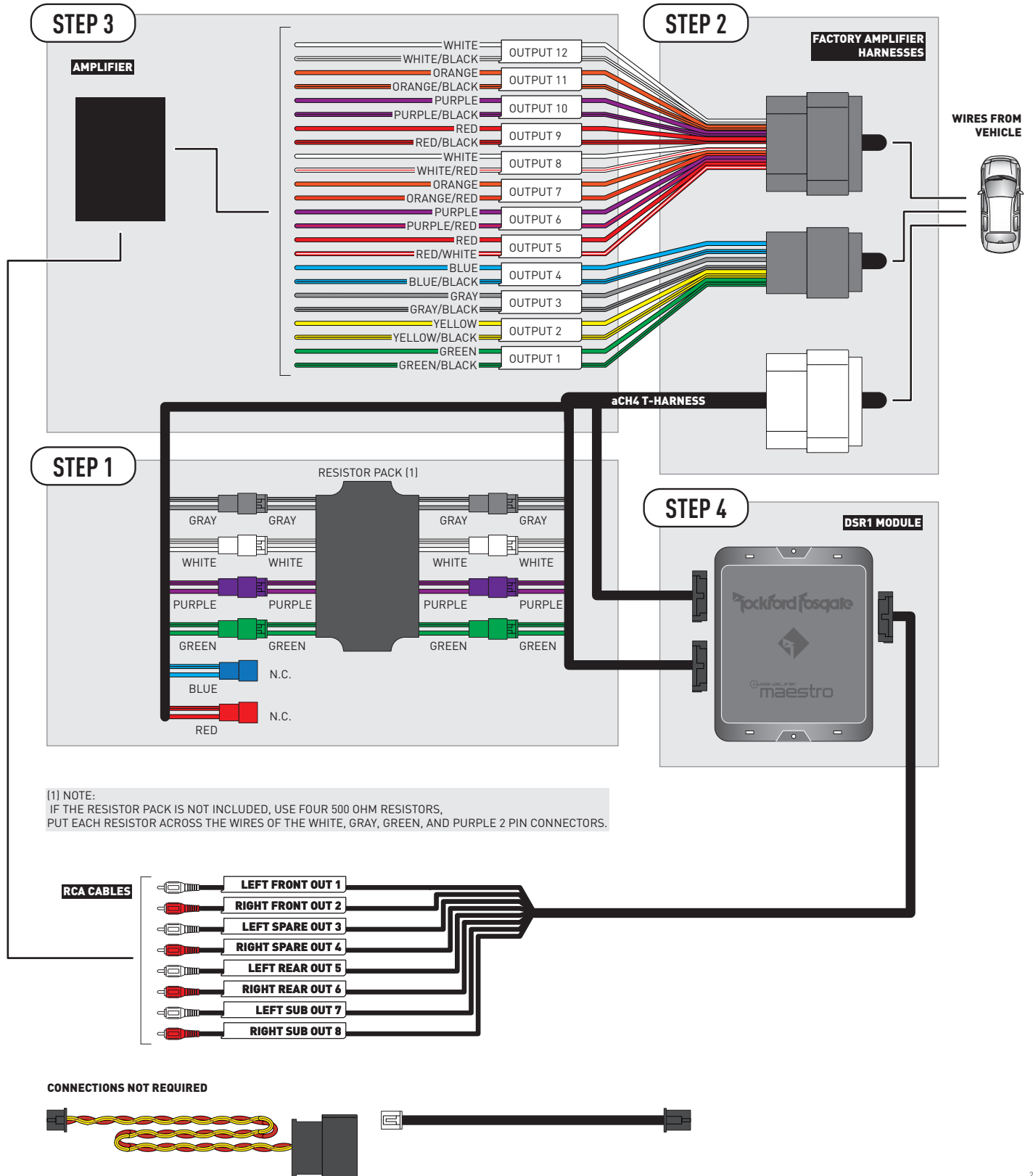
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

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 (-)
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



INSTALL GUIDE DODGE VIPER WITH HARMAN KARDON 2016-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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@idatalink.com

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INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH4 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

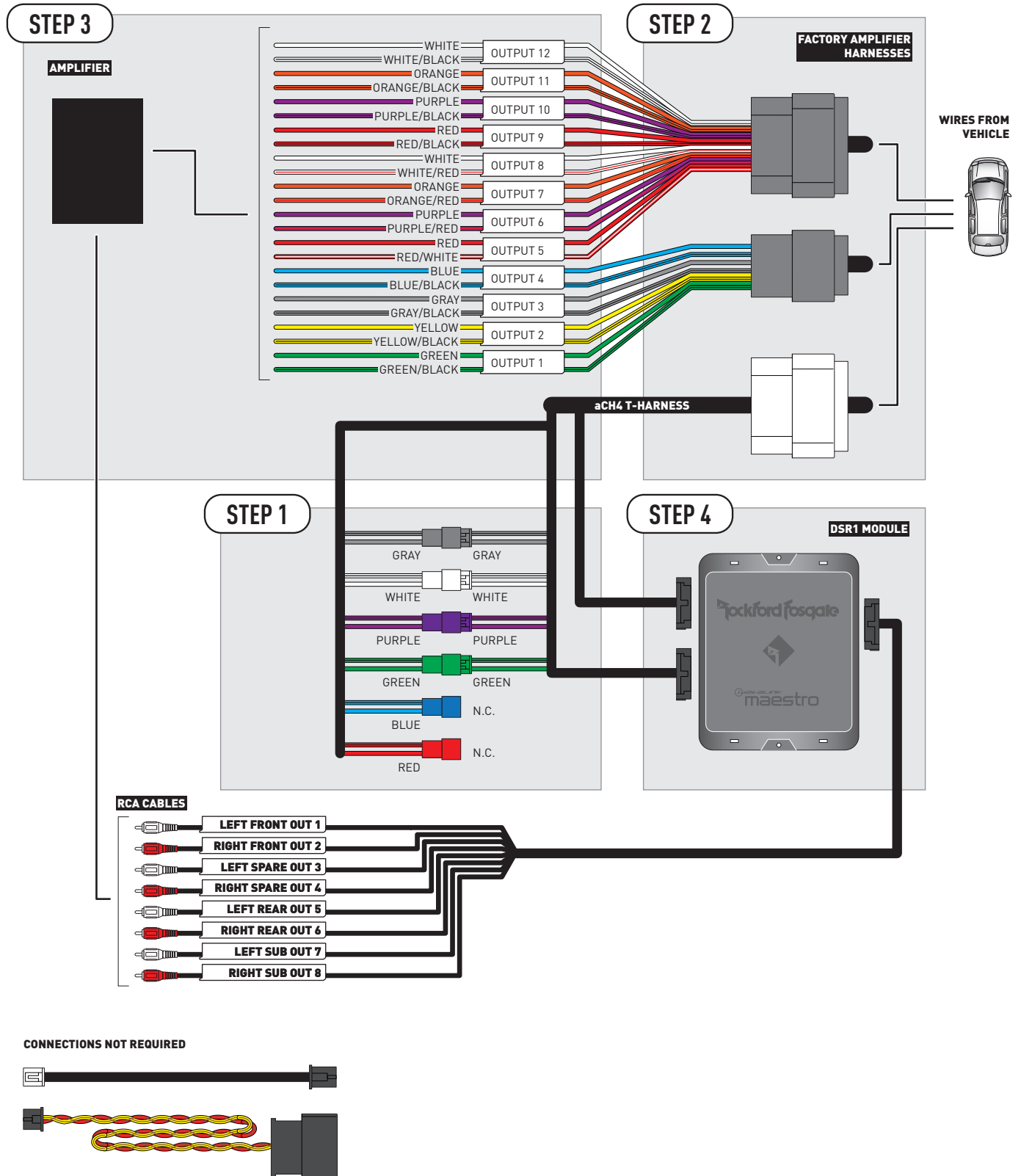
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Right rear of trunk floor



INSTALL GUIDE JEEP GLADIATOR WITH AMP 2020-2023

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

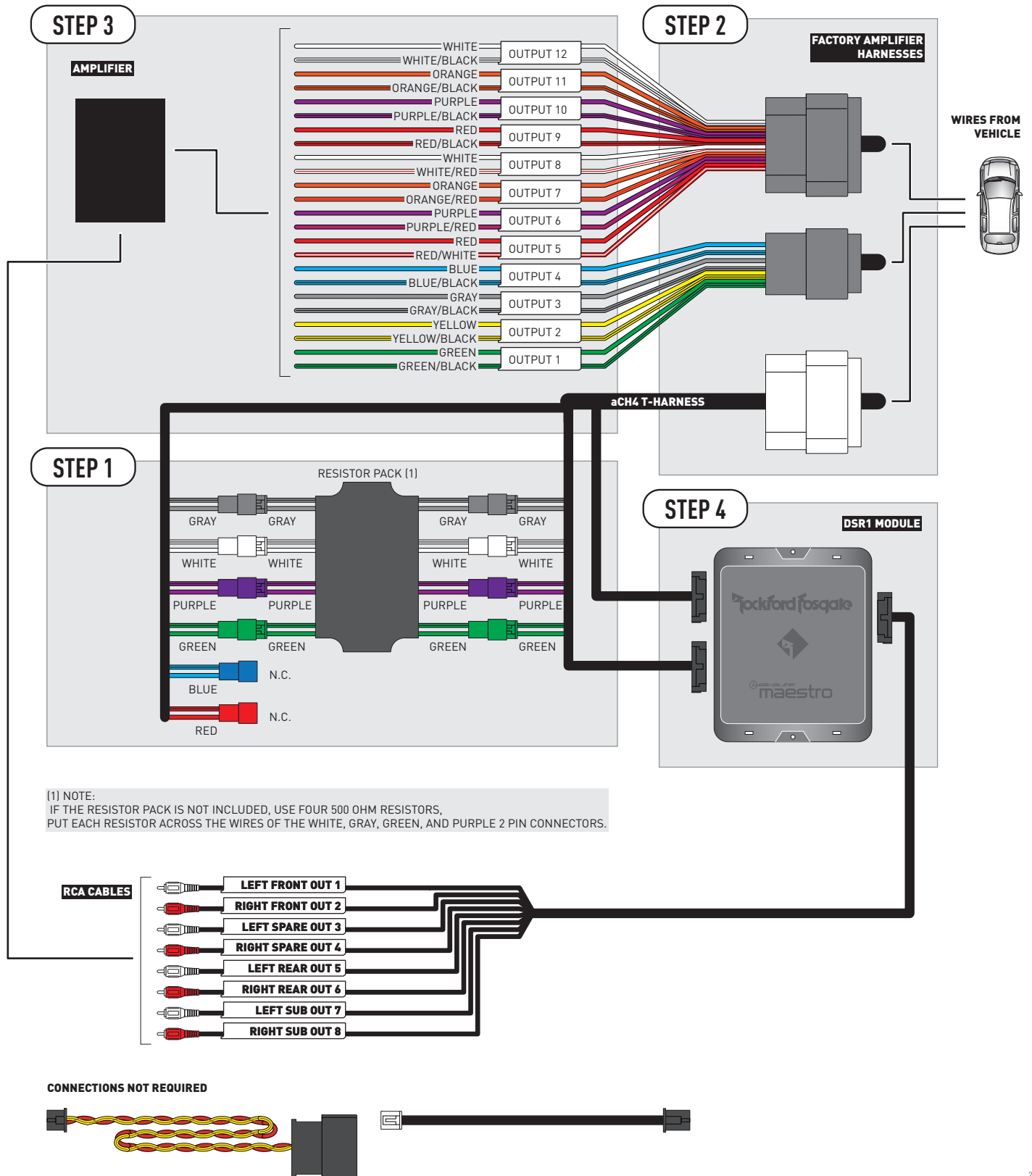
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Above driver kick panel



INSTALL GUIDE JEEP GRAND CHEROKEE WITH AMP 2018-2021

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

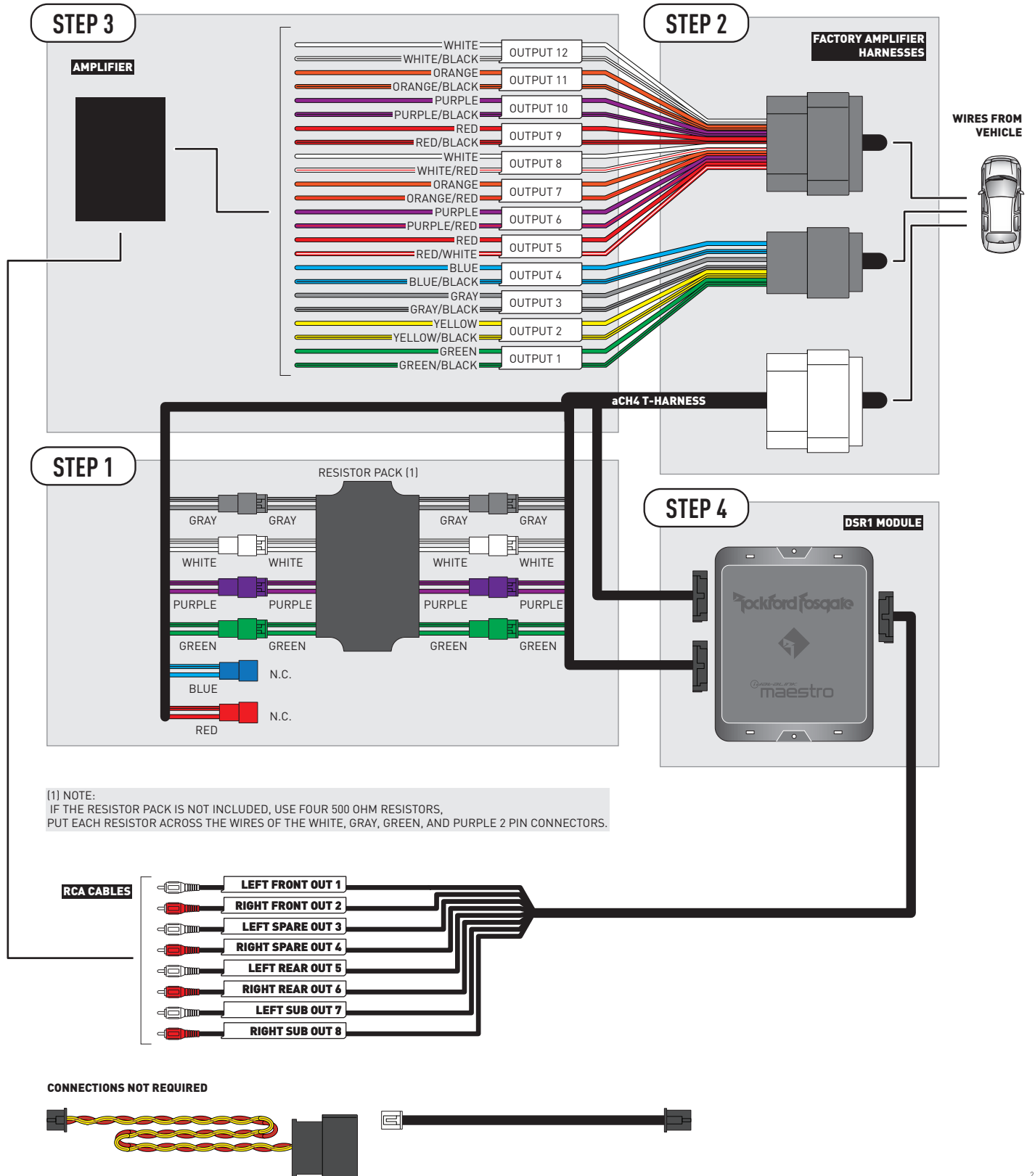
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Rear cargo area floor



INSTALL GUIDE JEEP GRAND CHEROKEE WITH HARMAN KARDON 2015-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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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NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH4 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

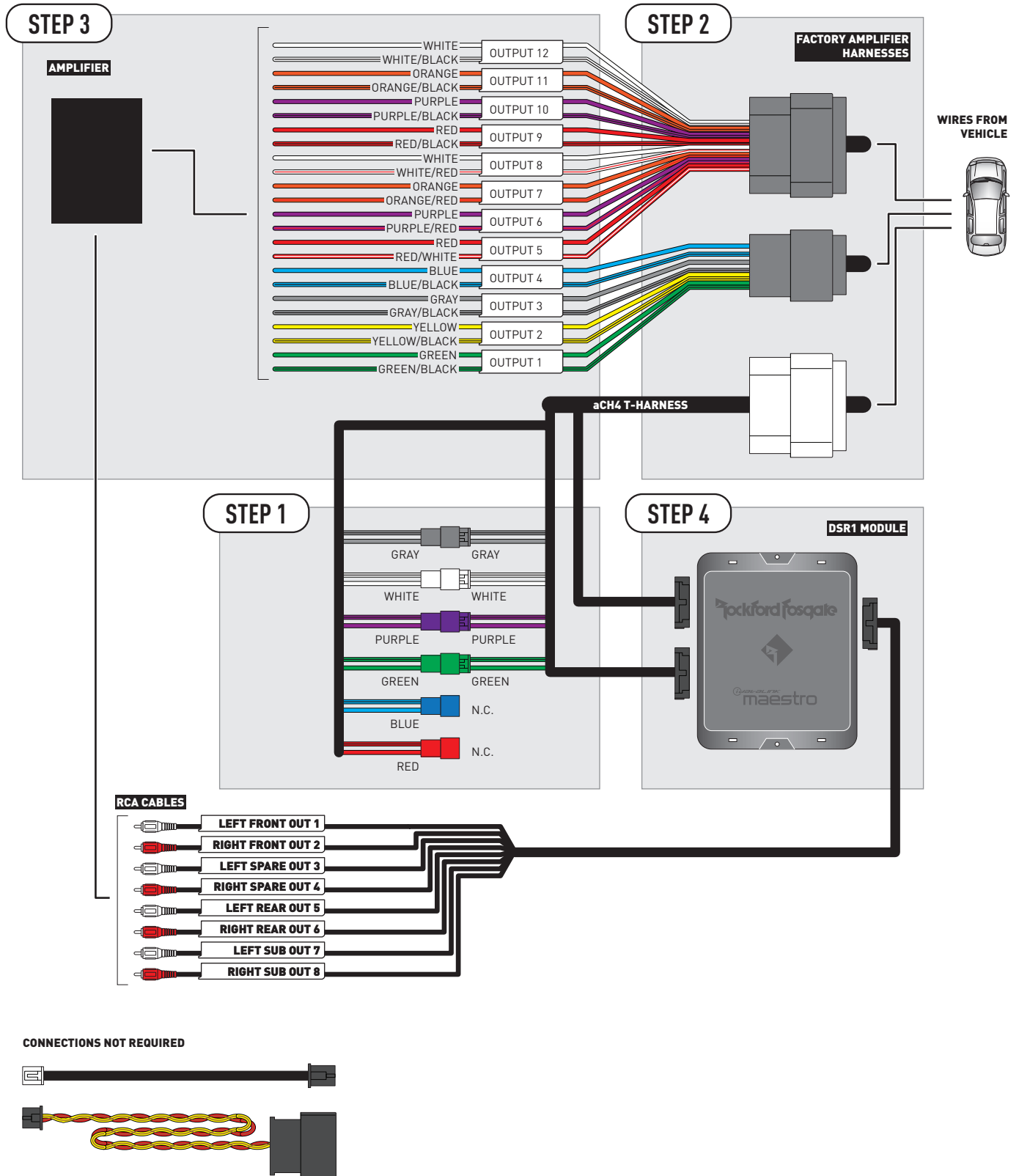
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Rear cargo area floor



INSTALL GUIDE JEEP WRANGLER JL WITH AMP 2018-2023

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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Vehicle Wire Reference Chart	5

NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

STEP 1

GRAY GRAY
WHITE WHITE
PURPLE PURPLE
GREEN GREEN
BLUE N.C.
RED N.C.

RESISTOR PACK (1)

STEP 2

WHITE OUTPUT 12
WHITE/BLACK OUTPUT 11
ORANGE OUTPUT 10
PURPLE OUTPUT 9
PURPLE/BLACK OUTPUT 8
RED OUTPUT 7
RED/BLACK OUTPUT 6
WHITE OUTPUT 5
WHITE/RED OUTPUT 4
ORANGE OUTPUT 3
PURPLE OUTPUT 2
PURPLE/RED OUTPUT 1
RED
RED/WHITE
BLUE
BLUE/BLACK
GRAY
GRAY/BLACK
YELLOW
YELLOW/BLACK
GREEN
GREEN/BLACK

FACTORY AMPLIFIER HARNESSES

WIRES FROM VEHICLE

STEP 3

AMPLIFIER

STEP 4

DSR1 MODULE

Rockford Fosgate
maestro

[1] NOTE:
IF THE RESISTOR PACK IS NOT INCLUDED, USE FOUR 500 OHM RESISTORS,
PUT EACH RESISTOR ACROSS THE WIRES OF THE WHITE, GRAY, GREEN, AND PURPLE 2 PIN CONNECTORS.

RCA CABLES

LEFT FRONT OUT 1
RIGHT FRONT OUT 2
LEFT SPARE OUT 3
RIGHT SPARE OUT 4
LEFT REAR OUT 5
RIGHT REAR OUT 6
LEFT SUB OUT 7
RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Above driver kick panel



INSTALL GUIDE MASERATI GHIBLI WITH HARMAN KARDON 2016-2017

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Vehicle Wire Reference Chart	5

NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Configure the 2 pin connectors on the aCH4 T-harness as shown on the wiring diagram.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

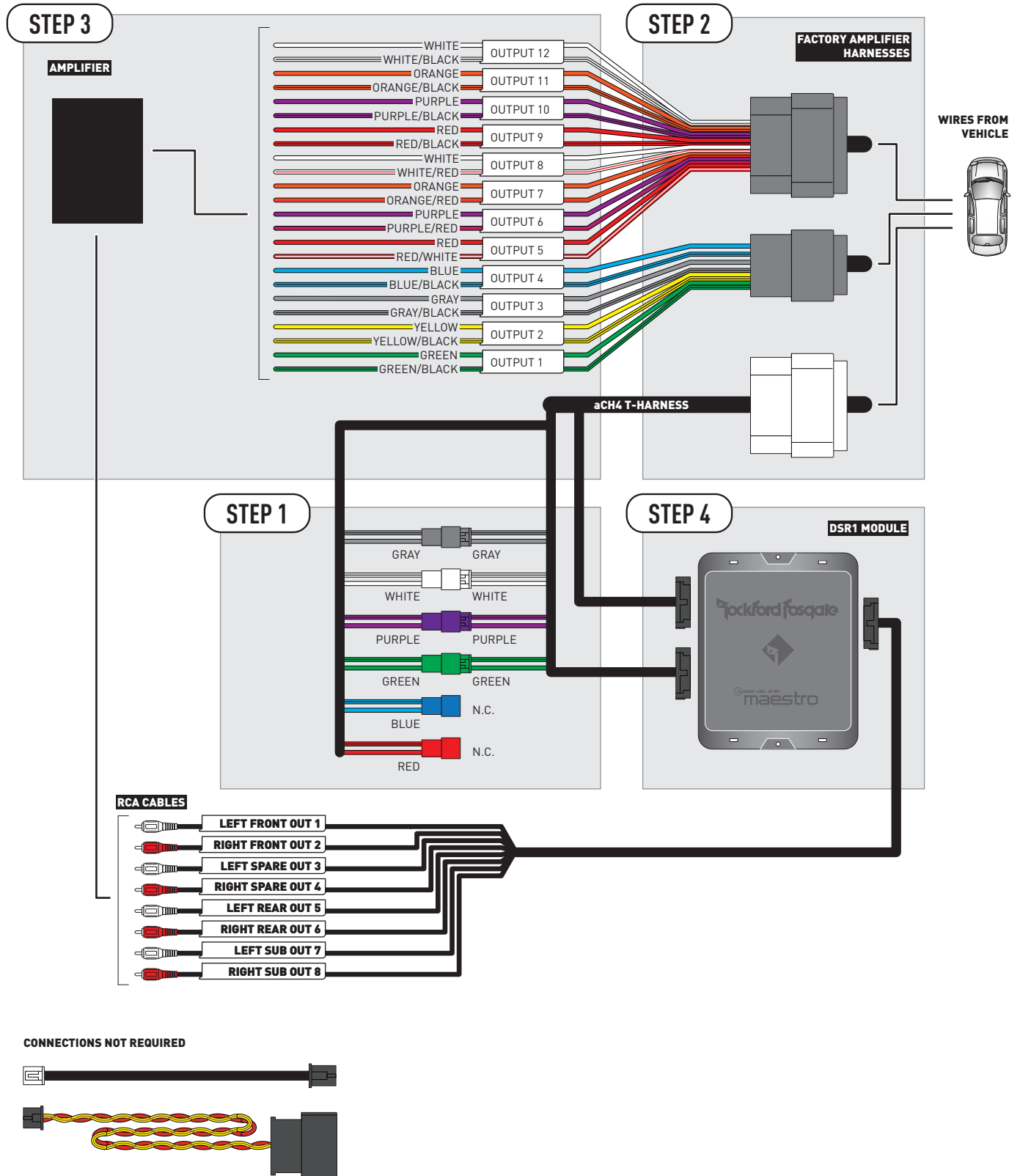
Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

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E-mail : maestro.support@idatalink.com

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Left quarter panel



INSTALL GUIDE RAM 1500 WITH AMP 2019-2023

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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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Installation Instructions	3
Wiring Diagram	4
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NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

Call : 1-866-427-2999

E-mail : maestro.support@idatalink.com

STEP 1

GRAY GRAY
WHITE WHITE
PURPLE PURPLE
GREEN GREEN
BLUE N.C.
RED N.C.

RESISTOR PACK (1)

STEP 2

WHITE OUTPUT 12
WHITE/BLACK OUTPUT 11
ORANGE OUTPUT 10
PURPLE OUTPUT 9
PURPLE/BLACK OUTPUT 8
RED OUTPUT 7
RED/BLACK OUTPUT 6
WHITE OUTPUT 5
WHITE/RED OUTPUT 4
ORANGE OUTPUT 3
PURPLE OUTPUT 2
PURPLE/RED OUTPUT 1
RED
RED/WHITE
BLUE
BLUE/BLACK
GRAY
GRAY/BLACK
YELLOW
YELLOW/BLACK
GREEN
GREEN/BLACK

OUTPUT 12
OUTPUT 11
OUTPUT 10
OUTPUT 9
OUTPUT 8
OUTPUT 7
OUTPUT 6
OUTPUT 5
OUTPUT 4
OUTPUT 3
OUTPUT 2
OUTPUT 1

STEP 3

AMPLIFIER

STEP 4

DSR1 MODULE

Rockford Fosgate
maestro

Wires from Vehicle

Connections Not Required

[1] NOTE:
IF THE RESISTOR PACK IS NOT INCLUDED, USE FOUR 500 OHM RESISTORS,
PUT EACH RESISTOR ACROSS THE WIRES OF THE WHITE, GRAY, GREEN, AND PURPLE 2 PIN CONNECTORS.

RCA CABLES

LEFT FRONT OUT 1
RIGHT FRONT OUT 2
LEFT SPARE OUT 3
RIGHT SPARE OUT 4
LEFT REAR OUT 5
RIGHT REAR OUT 6
LEFT SUB OUT 7
RIGHT SUB OUT 8

VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Under driver seat



INSTALL GUIDE RAM 2500 & 3500 WITH AMP 2019-2023

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



PRODUCTS REQUIRED

Rockford Fosgate DSR1
iDatalink Maestro aCH4 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.

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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NEED HELP?

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INSTALLATION INSTRUCTIONS P1/1

STEP 1

- Remove the factory amplifier (refer to wire chart for amplifier location).
- Insert the resistor pack and configure the 2 pin connectors on the aCH4 T-harness as shown in the wiring diagram.

Note 1:

If the resistor pack is not included, use four 500 ohm resistors, Put each resistor across the wires of the white, gray, green, and purple 2 pin connectors.

STEP 2

- Connect the factory amplifier harnesses to the aCH4 T-harness.

STEP 3

- Connect the wires from the aCH4 T-harness to the aftermarket amplifier.

Note 1:

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

- Plug the RCA cables in the aftermarket amplifier.

STEP 4

- Connect all the harnesses to the DSR1 module.

CHIME ADJUSTMENT

- Set the audio source to OFF. If there is no way to turn the radio OFF, set the source to AUX.
- The OEM radio has 3 settings for warning chime (Low/Medium/High) and each one needs to be set. You only have to do this one time.

Select the High volume setting, activate the chime (ex. rear parking assist), then turn the volume up till the chime is the loudest you want it.

Next select the Low volume setting, then turn the volume till the chime is the quietest you want it.

Select the Medium volume setting, now you will be able to adjust the chime level between the loudest and quietest chime level you selected.

For technical assistance :

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E-mail : maestro.support@idatalink.com

STEP 1

RESISTOR PACK (1)

GRAY GRAY WHITE WHITE PURPLE PURPLE GREEN GREEN BLUE N.C. RED N.C.

STEP 2

FACTORY AMPLIFIER HARNESSES

Wires from vehicle

STEP 3

AMPLIFIER

OUTPUT 12 OUTPUT 11 OUTPUT 10 OUTPUT 9 OUTPUT 8 OUTPUT 7 OUTPUT 6 OUTPUT 5 OUTPUT 4 OUTPUT 3 OUTPUT 2 OUTPUT 1

WHITE WHITE/BLACK ORANGE ORANGE/BLACK PURPLE PURPLE/BLACK RED RED/BLACK WHITE WHITE/RED ORANGE ORANGE/RED PURPLE PURPLE/RED RED RED/WHITE BLUE BLUE/BLACK GRAY GRAY/BLACK YELLOW YELLOW/BLACK GREEN GREEN/BLACK

STEP 4

DSR1 MODULE

Rockford Fosgate maestro

RCA CABLES

LEFT FRONT OUT 1 RIGHT FRONT OUT 2 LEFT SPARE OUT 3 RIGHT SPARE OUT 4 LEFT REAR OUT 5 RIGHT REAR OUT 6 LEFT SUB OUT 7 RIGHT SUB OUT 8

CONNECTIONS NOT REQUIRED

IF THE RESISTOR PACK IS NOT INCLUDED, USE FOUR 500 OHM RESISTORS, PUT EACH RESISTOR ACROSS THE WIRES OF THE WHITE, GRAY, GREEN, AND PURPLE 2 PIN CONNECTORS.

VEHICLE WIRE REFERENCE CHART

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

Amplifier location: Under driver seat