



## 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 2015-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

### Re-program the OEM radio to "amplified mode".

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

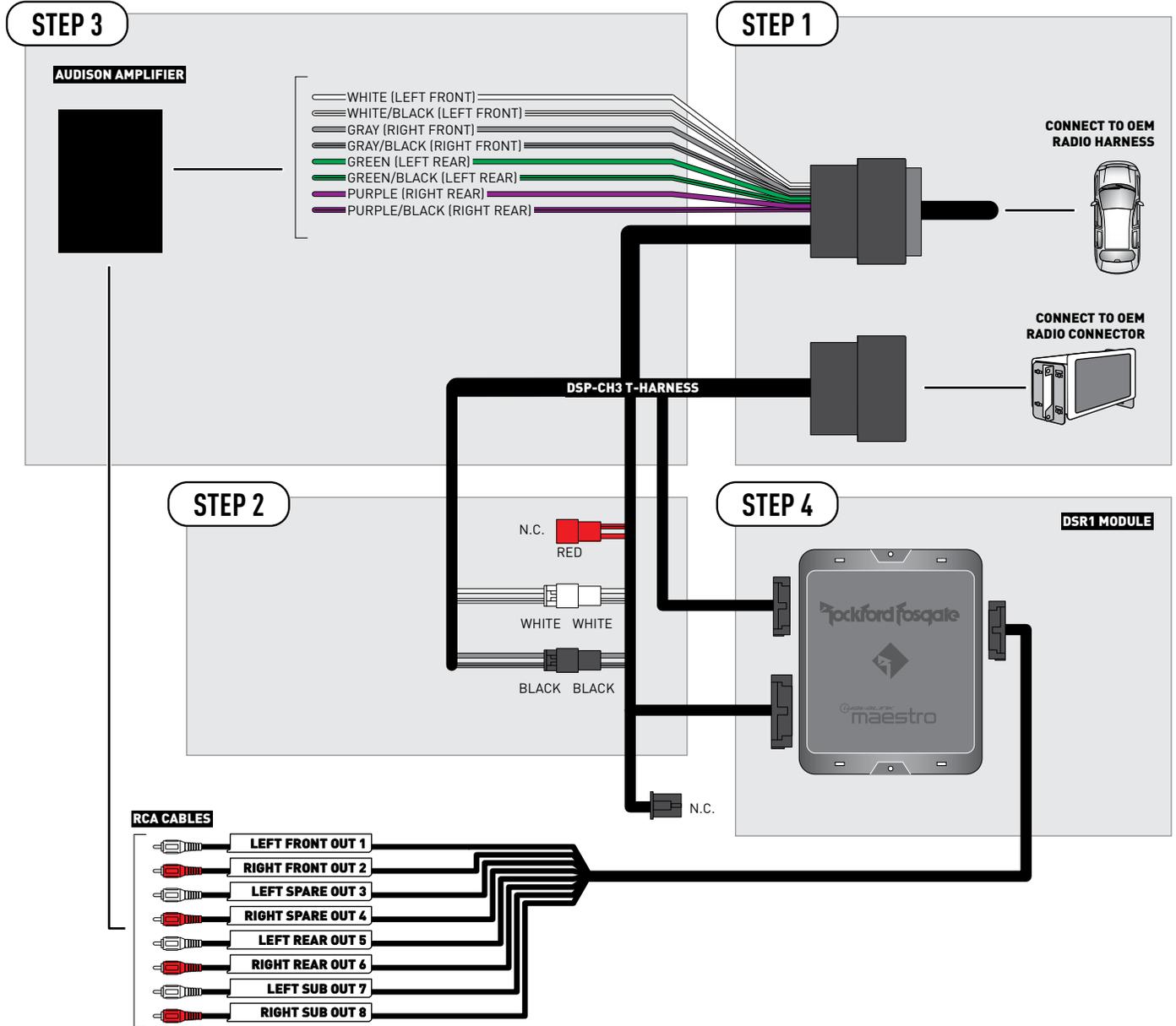
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE CHRYSLER 300 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM

**STEP 3**

**AUDISON AMPLIFIER**

- WHITE (LEFT FRONT)
- WHITE/BLACK (LEFT FRONT)
- GRAY (RIGHT FRONT)
- GRAY/BLACK (RIGHT FRONT)
- GREEN (LEFT REAR)
- GREEN/BLACK (LEFT REAR)
- PURPLE (RIGHT REAR)
- PURPLE/BLACK (RIGHT REAR)

**STEP 1**

**CONNECT TO OEM RADIO HARNESS**

**CONNECT TO OEM RADIO CONNECTOR**

**DSP-CH3 T-HARNESS**

**STEP 2**

N.C. BLACK

N.C. RED

WHITE WHITE

BLACK

**CAN JUNCTION CONNECTOR**

LOCATION: RIGHT END OF DASH

**STEP 4**

**DSR1 MODULE**

**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



# INSTALL GUIDE CHRYSLER PACIFICA 2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

Re-program the OEM radio to "amplified mode".

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

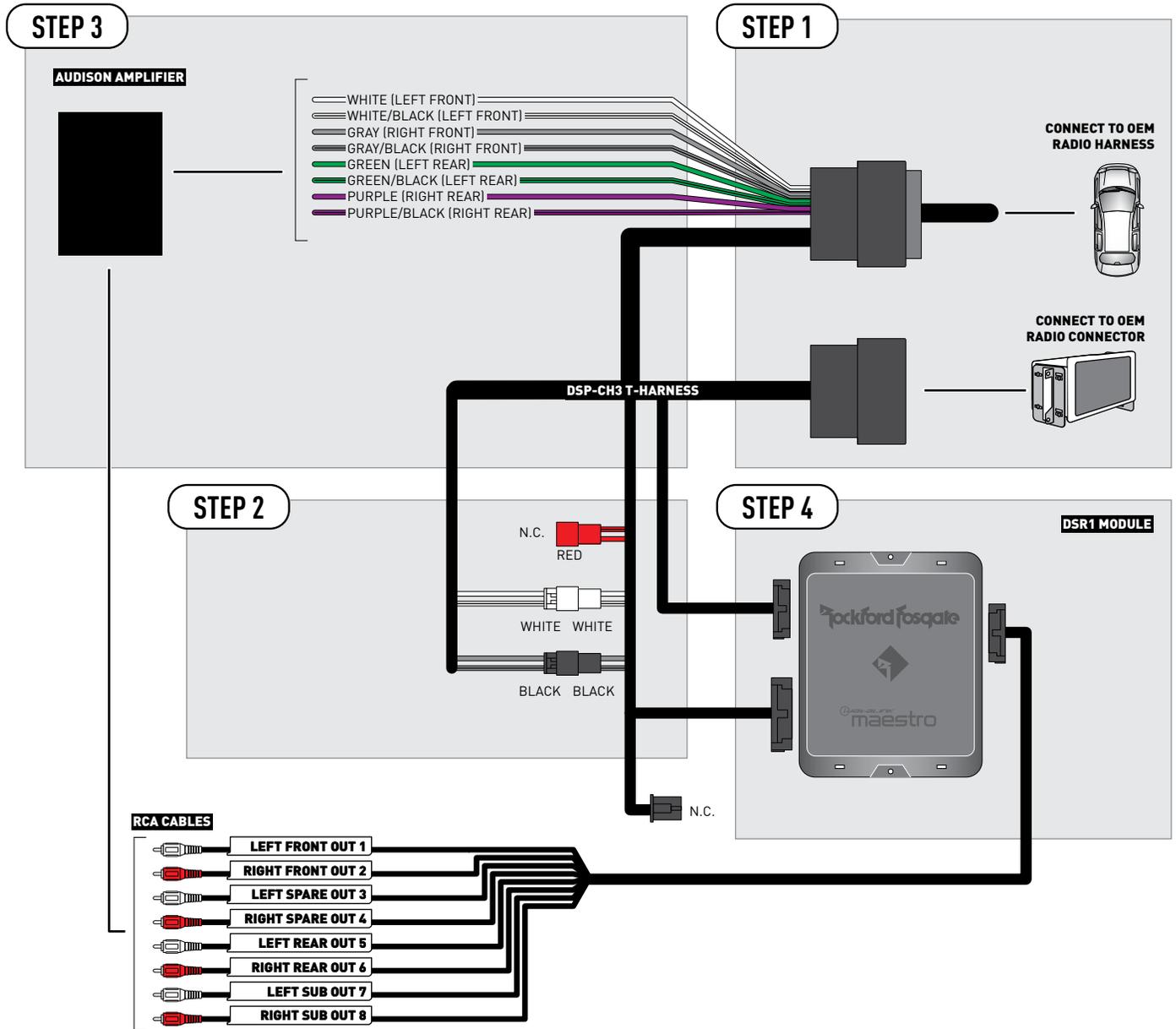
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE CHRYSLER PACIFICA 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

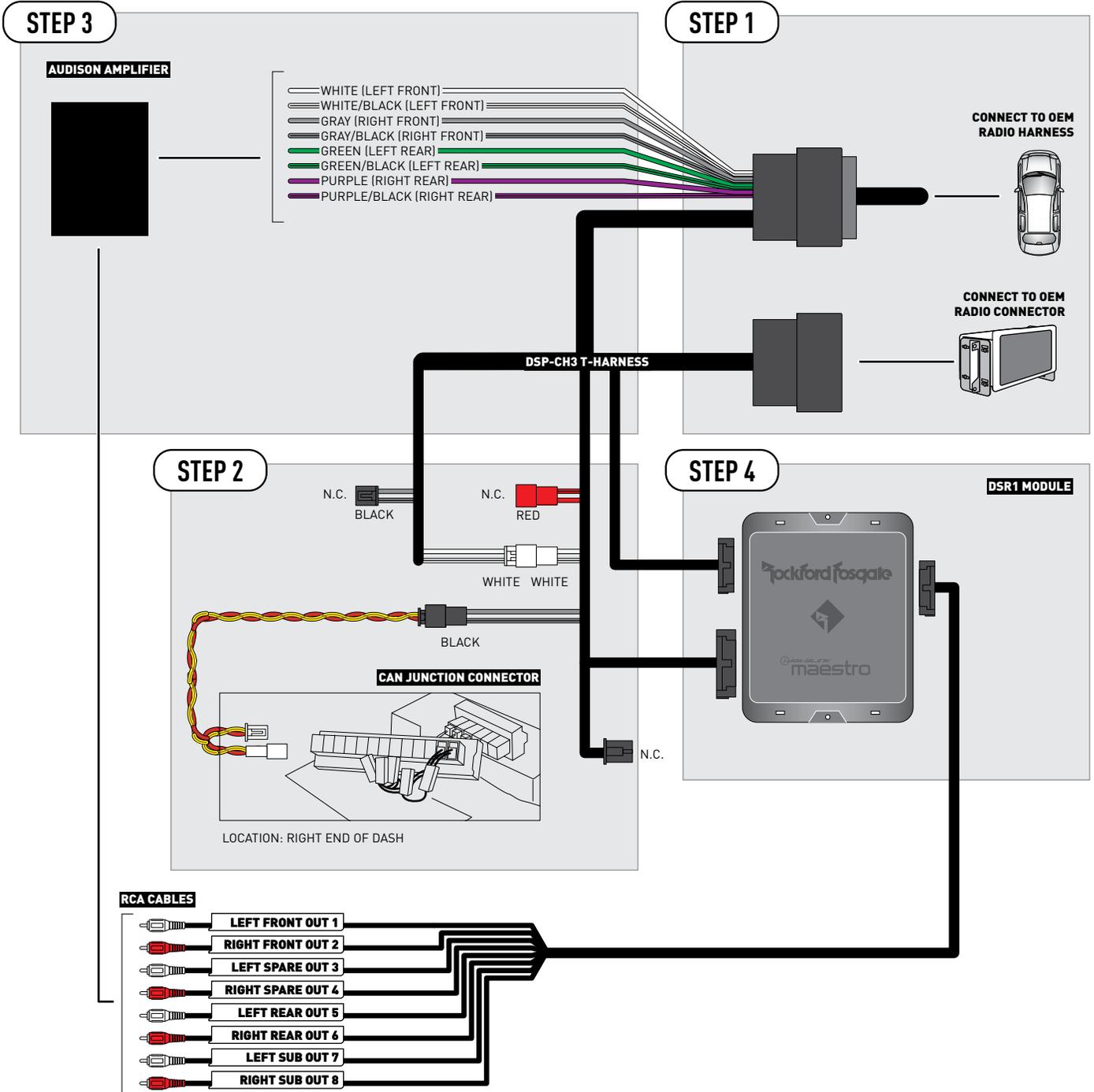
**For technical assistance :**

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE DODGE CHALLENGER 2015-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

### Re-program the OEM radio to "amplified mode".

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

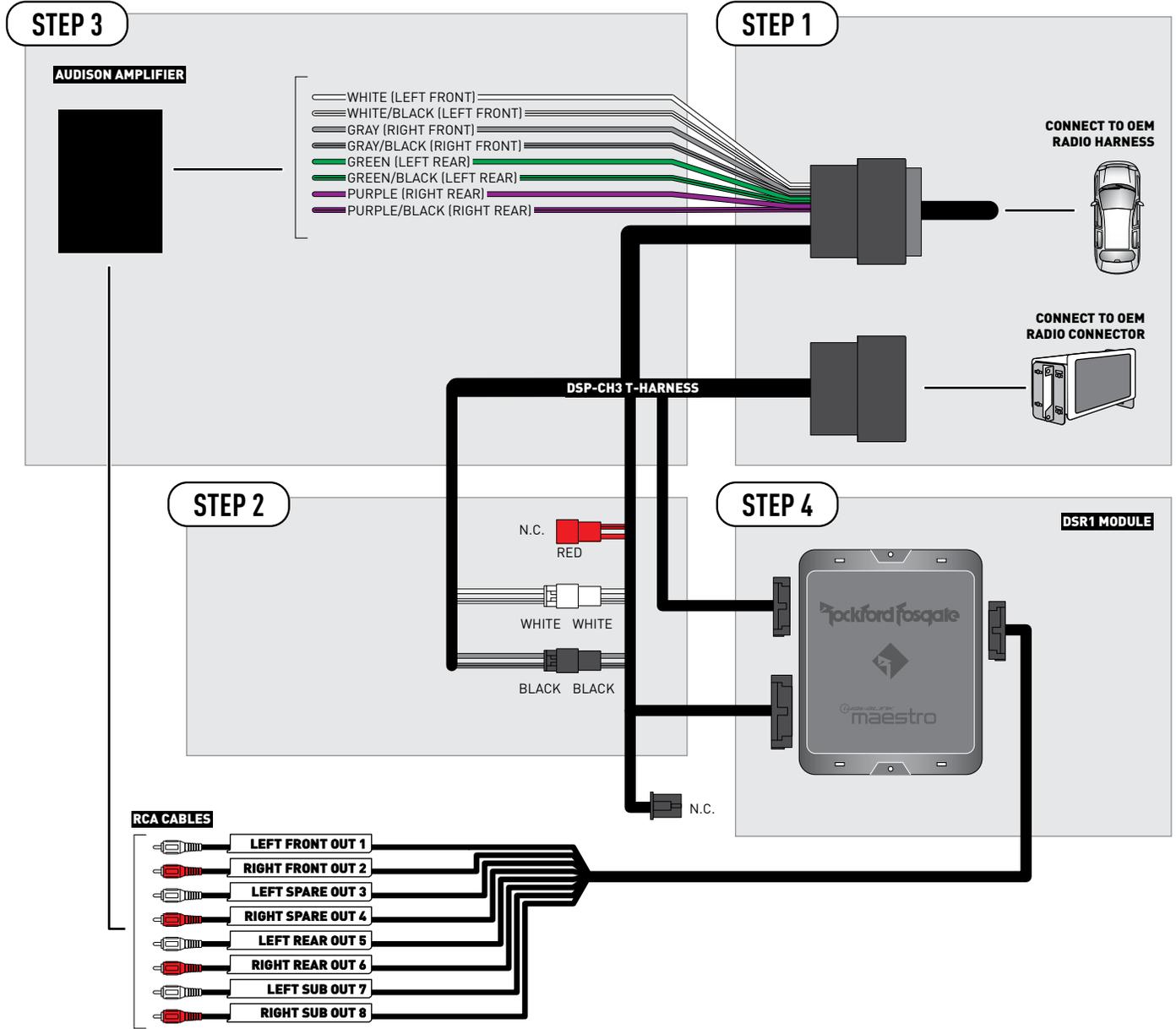
### For technical assistance :

Call : 1-866-427-2999

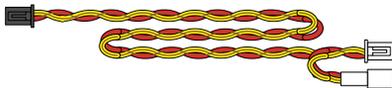
E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM



NOT REQUIRED





# INSTALL GUIDE DODGE CHALLENGER 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM

**STEP 3**

**AUDISON AMPLIFIER**

- WHITE (LEFT FRONT)
- WHITE/BLACK (LEFT FRONT)
- GRAY (RIGHT FRONT)
- GRAY/BLACK (RIGHT FRONT)
- GREEN (LEFT REAR)
- GREEN/BLACK (LEFT REAR)
- PURPLE (RIGHT REAR)
- PURPLE/BLACK (RIGHT REAR)

**STEP 1**

**CONNECT TO OEM RADIO HARNESS**

**CONNECT TO OEM RADIO CONNECTOR**

**DSP-CH3 T-HARNESS**

**STEP 2**

N.C. BLACK

N.C. RED

WHITE WHITE

BLACK

**CAN JUNCTION CONNECTOR**

LOCATION: RIGHT END OF DASH

**STEP 4**

**DSR1 MODULE**

**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



# INSTALL GUIDE DODGE CHARGER 2015-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

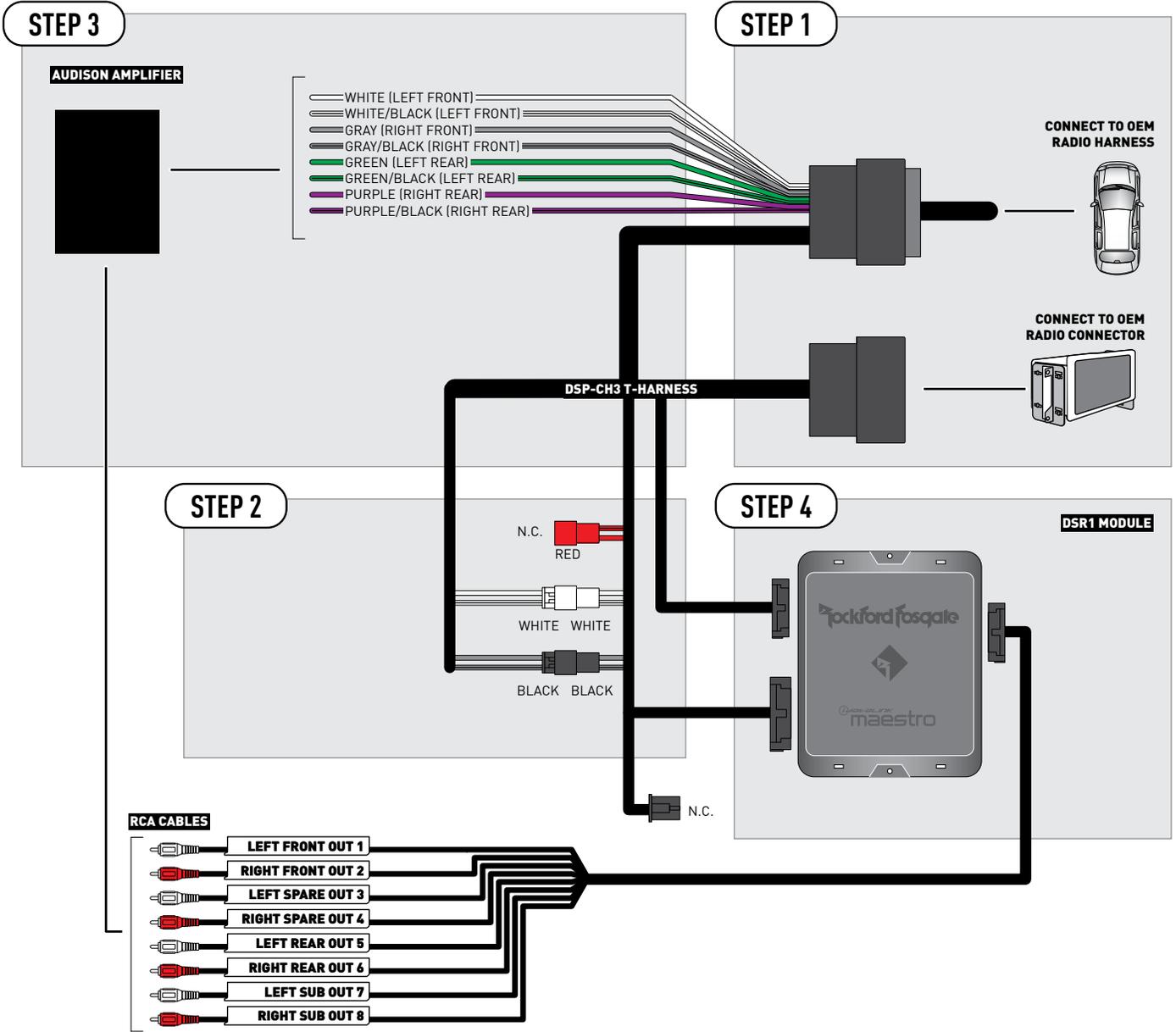
**For technical assistance :**

Call : 1-866-427-2999

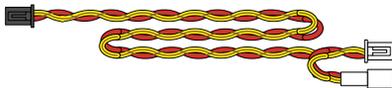
E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM



NOT REQUIRED





# INSTALL GUIDE DODGE CHARGER 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM

**STEP 3**

**AUDISON AMPLIFIER**



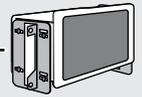
- WHITE (LEFT FRONT)
- WHITE/BLACK (LEFT FRONT)
- GRAY (RIGHT FRONT)
- GRAY/BLACK (RIGHT FRONT)
- GREEN (LEFT REAR)
- GREEN/BLACK (LEFT REAR)
- PURPLE (RIGHT REAR)
- PURPLE/BLACK (RIGHT REAR)

**STEP 1**

**CONNECT TO OEM RADIO HARNESS**



**CONNECT TO OEM RADIO CONNECTOR**



**DSP-CH3 T-HARNESS**

**STEP 2**

N.C. BLACK

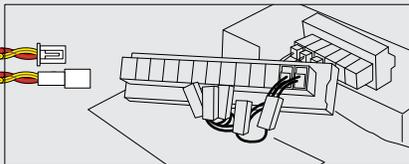
N.C. RED

WHITE WHITE

BLACK

N.C.

**CAN JUNCTION CONNECTOR**



LOCATION: RIGHT END OF DASH

**STEP 4**

**DSR1 MODULE**



**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



# INSTALL GUIDE DODGE DURANGO 2014-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

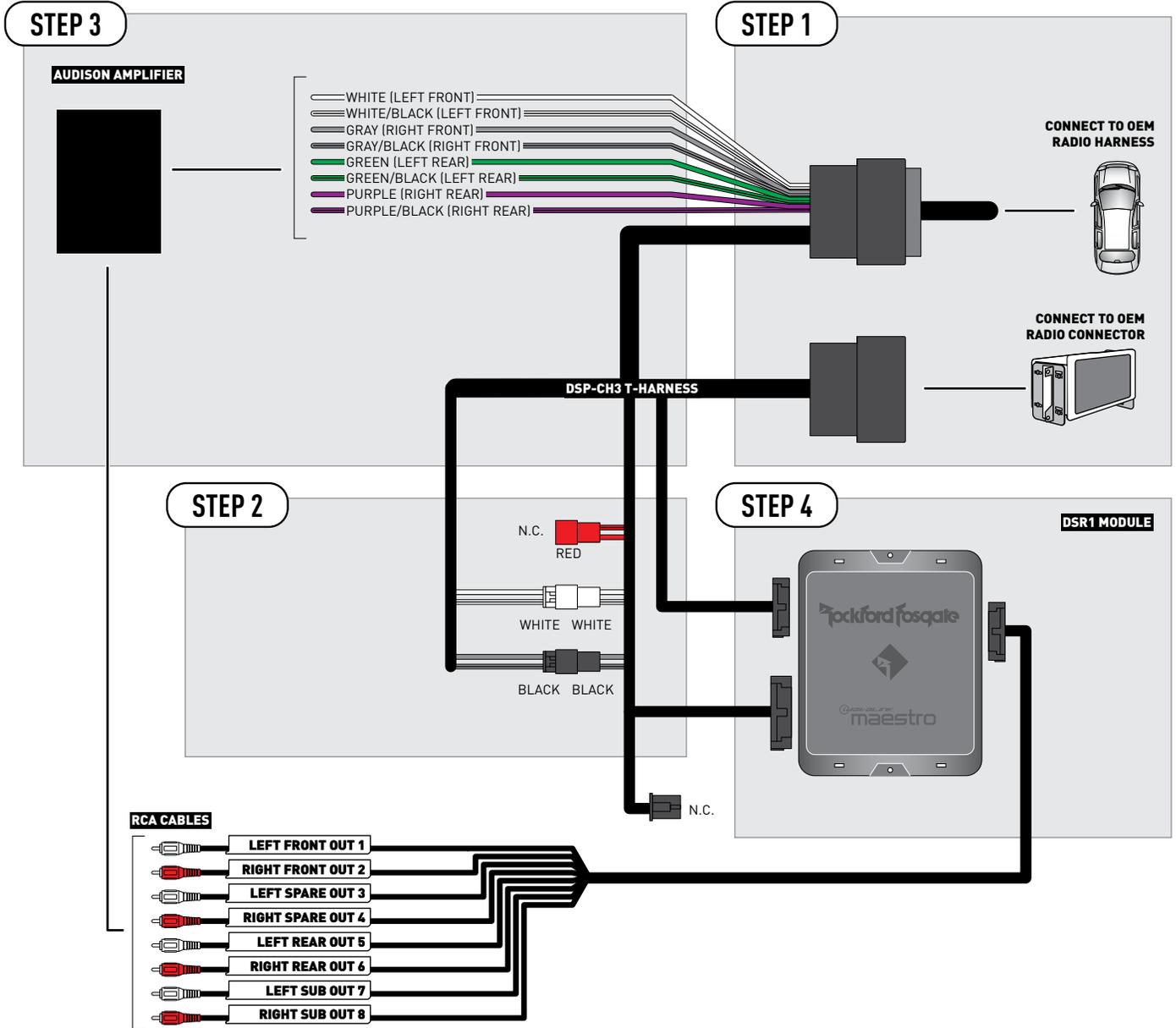
**For technical assistance :**

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE DODGE DURANGO 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

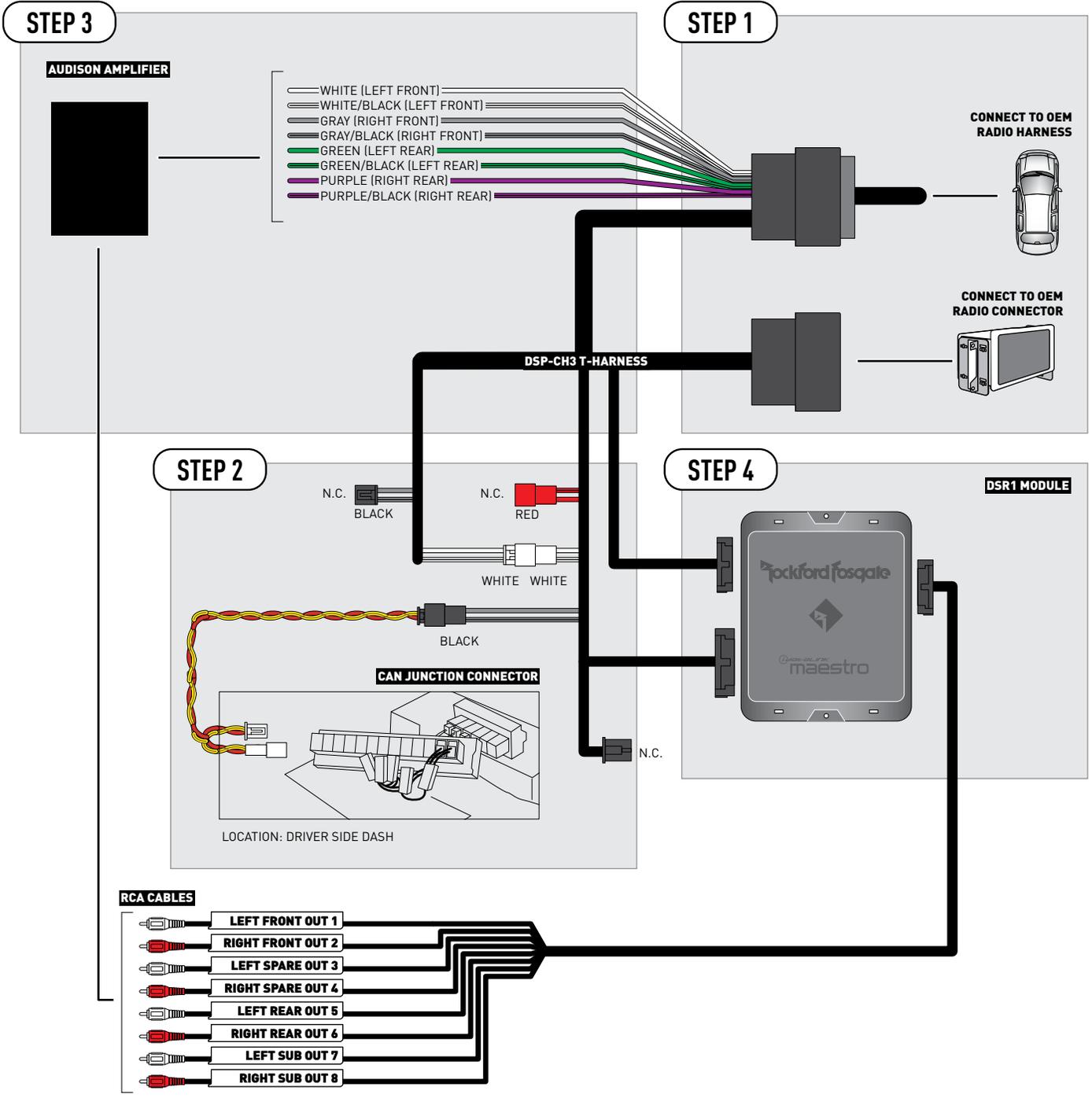
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE JEEP GRAND CHEROKEE 2014-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

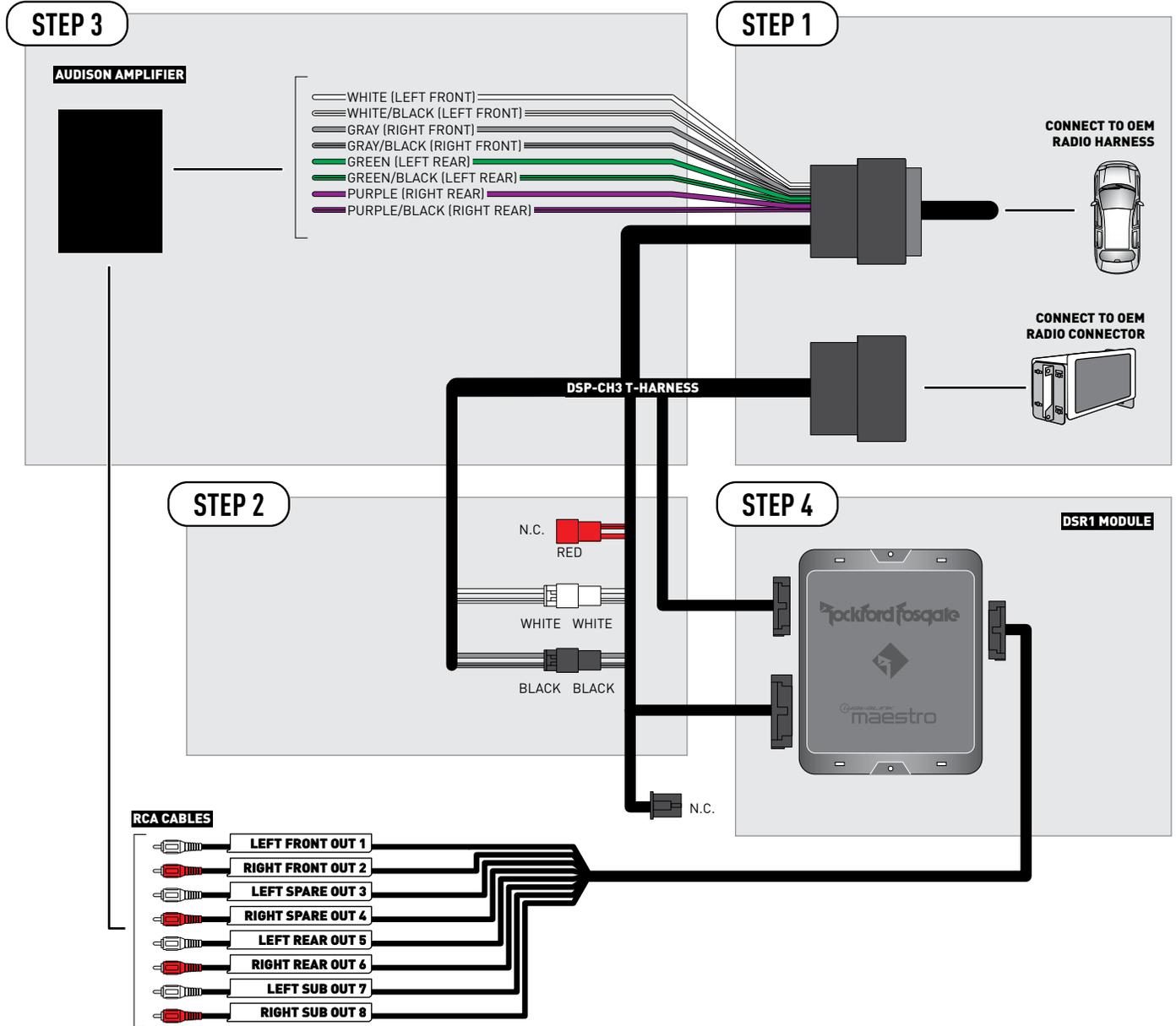
### For technical assistance :

Call : 1-866-427-2999

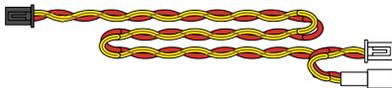
E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM



NOT REQUIRED





# INSTALL GUIDE

# JEEP GRAND CHEROKEE

## 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

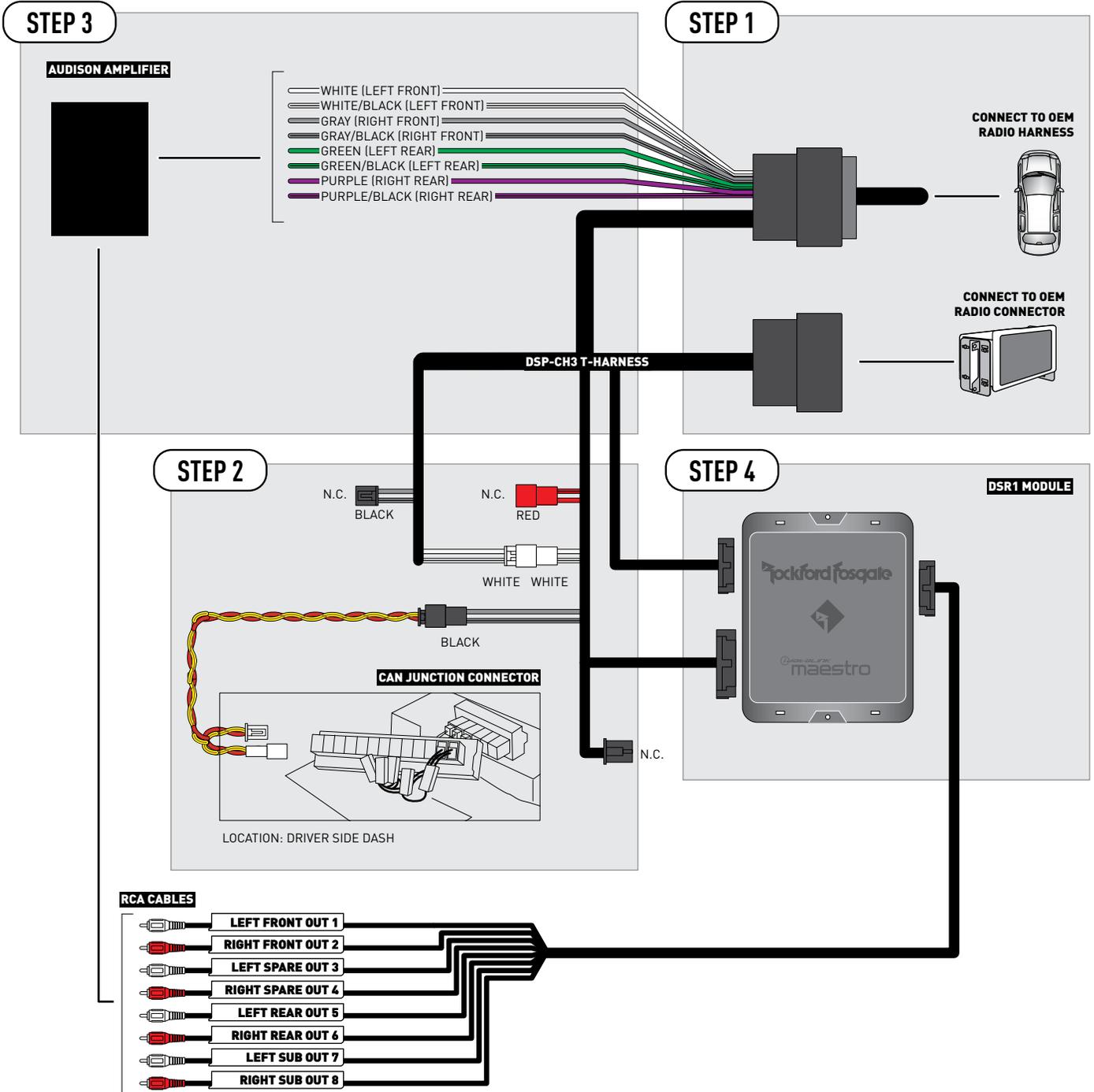
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE JEEP WRANGLER JL 2018-2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM

**STEP 3**

**AUDISON AMPLIFIER**



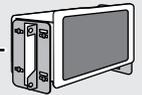
- WHITE (LEFT FRONT)
- WHITE/BLACK (LEFT FRONT)
- GRAY (RIGHT FRONT)
- GRAY/BLACK (RIGHT FRONT)
- GREEN (LEFT REAR)
- GREEN/BLACK (LEFT REAR)
- PURPLE (RIGHT REAR)
- PURPLE/BLACK (RIGHT REAR)

**STEP 1**

**CONNECT TO OEM RADIO HARNESS**



**CONNECT TO OEM RADIO CONNECTOR**



**DSP-CH3 T-HARNESS**

**STEP 2**

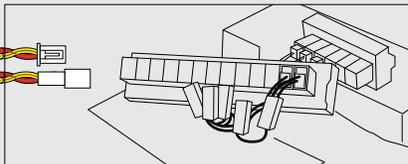
N.C. BLACK

N.C. RED

WHITE WHITE

BLACK

**CAN JUNCTION CONNECTOR**



LOCATION: BEHIND GLOVE BOX

**STEP 4**

**DSR1 MODULE**



N.C.

**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



# INSTALL GUIDE RAM 1500 2013-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

### Re-program the OEM radio to "amplified mode".

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

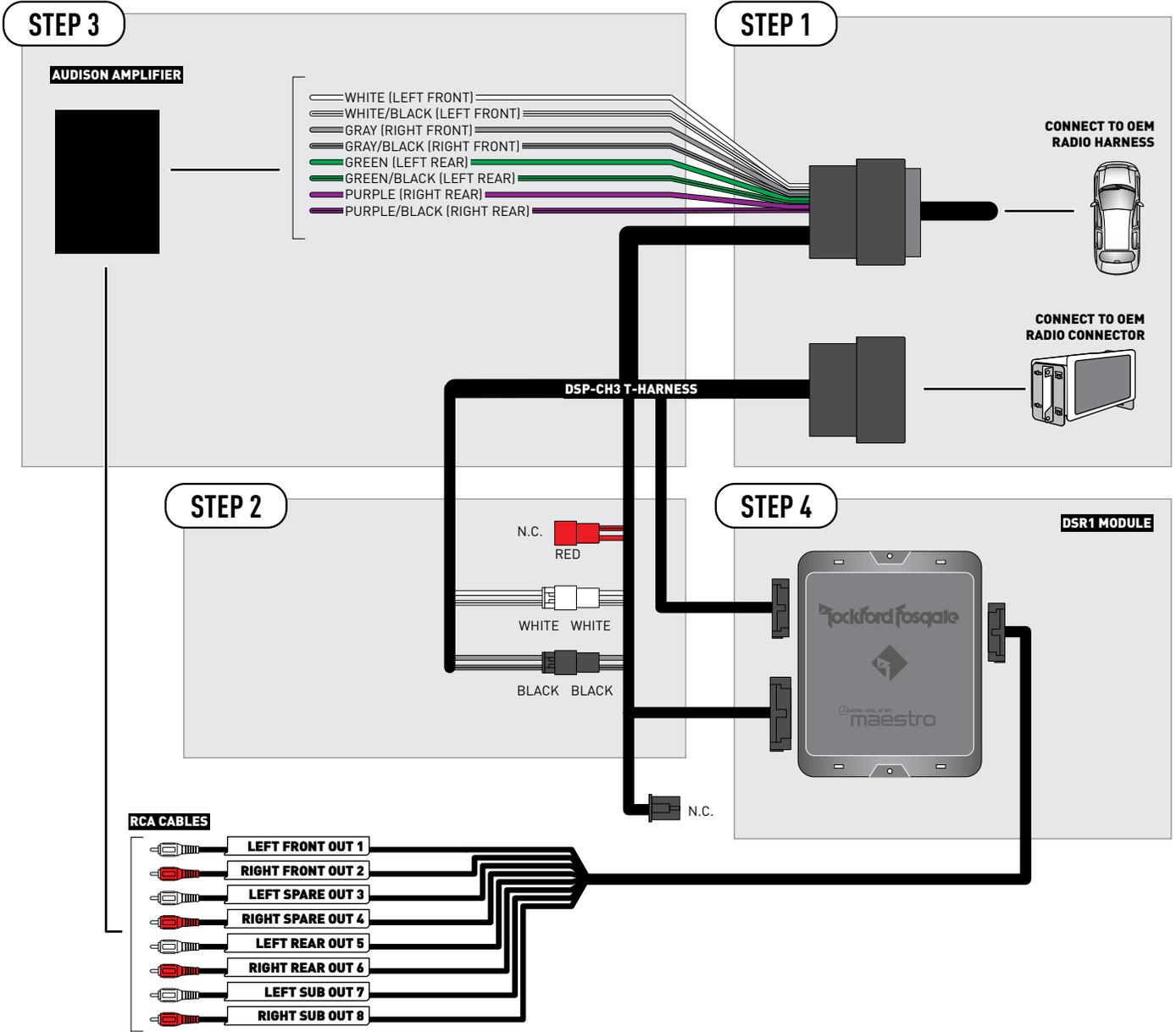
### For technical assistance :

Call : 1-866-427-2999

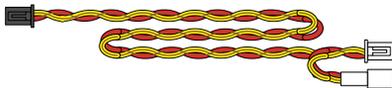
E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM



NOT REQUIRED





# INSTALL GUIDE RAM 1500 2018

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltage.com/forum](http://www.12voltage.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM

**STEP 3**

**AUDISON AMPLIFIER**



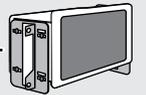
- WHITE (LEFT FRONT)
- WHITE/BLACK (LEFT FRONT)
- GRAY (RIGHT FRONT)
- GRAY/BLACK (RIGHT FRONT)
- GREEN (LEFT REAR)
- GREEN/BLACK (LEFT REAR)
- PURPLE (RIGHT REAR)
- PURPLE/BLACK (RIGHT REAR)

**STEP 1**

**CONNECT TO OEM RADIO HARNESS**



**CONNECT TO OEM RADIO CONNECTOR**



**DSP-CH3 T-HARNESS**

**STEP 2**

N.C. BLACK

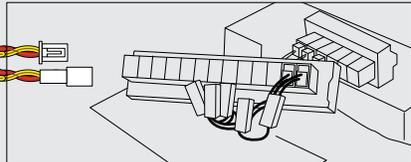
N.C. RED

WHITE WHITE

BLACK

N.C.

**CAN JUNCTION CONNECTOR**



LOCATION: DRIVER SIDE DASH

**STEP 4**

**DSR1 MODULE**



**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



# INSTALL GUIDE RAM 1500 WITHOUT ANC 2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

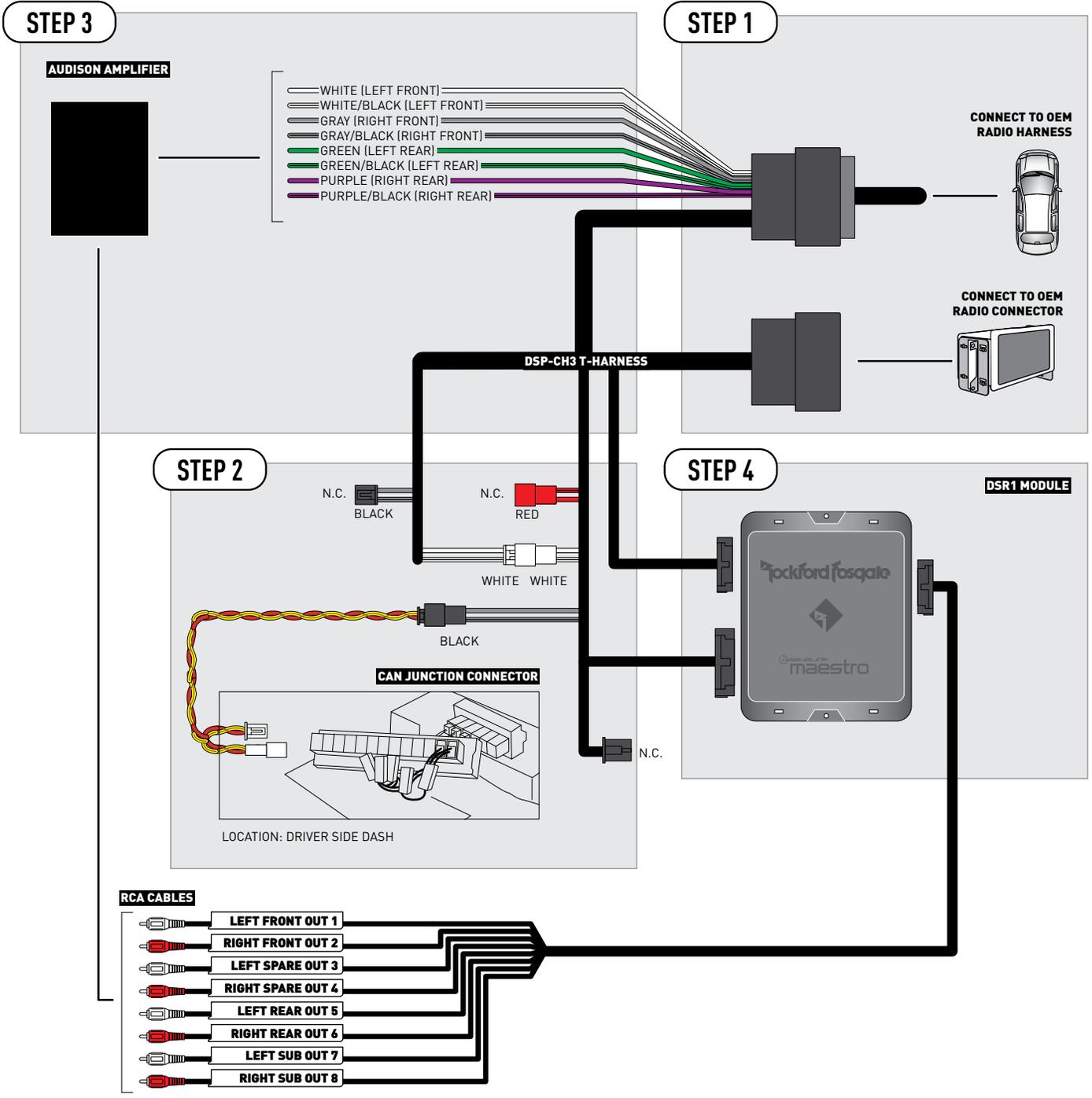
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE RAM 2500 & 3500 2013-2017

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

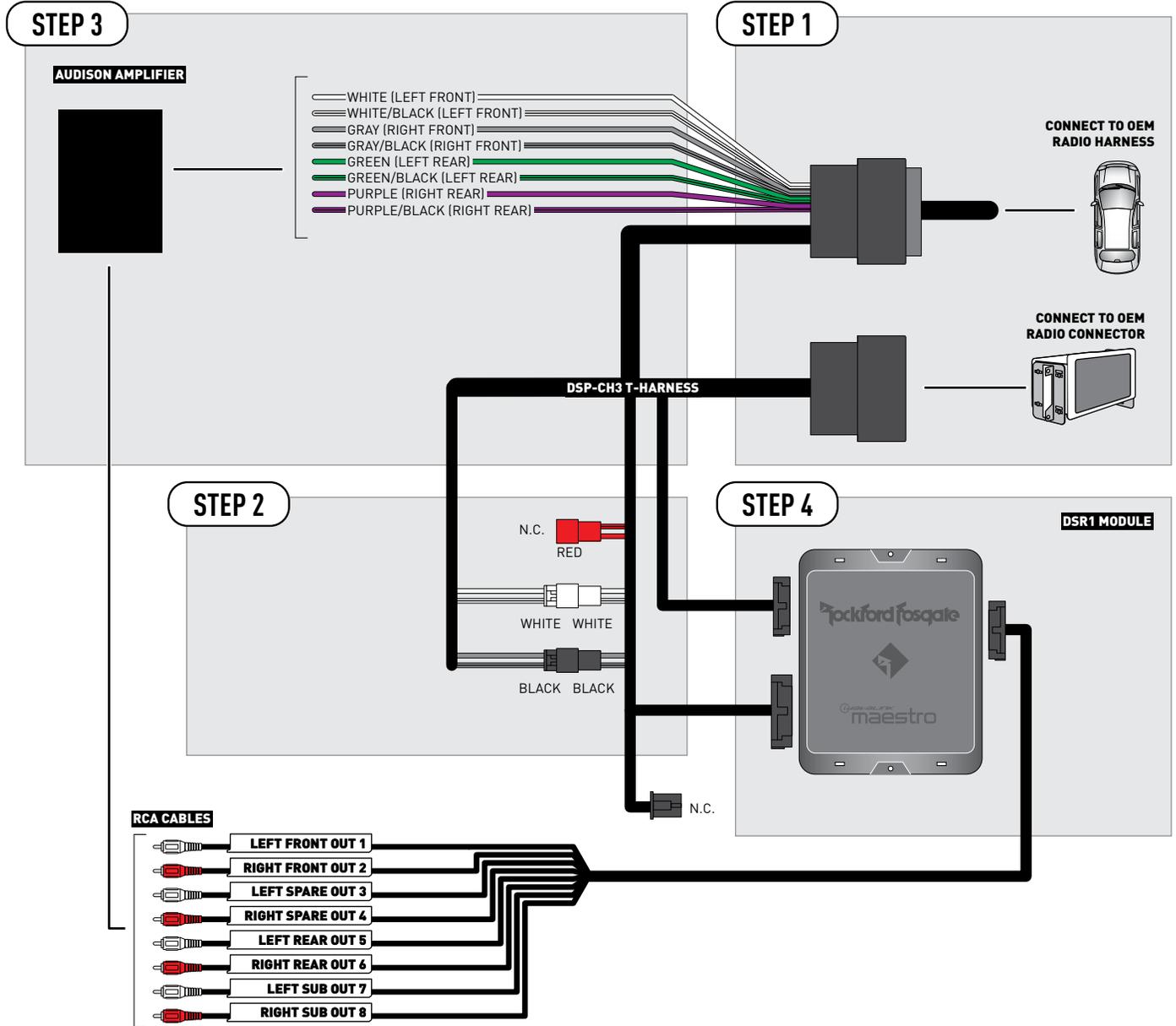
**For technical assistance :**

Call : 1-866-427-2999

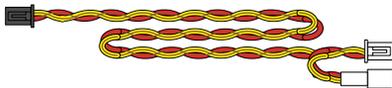
E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM



NOT REQUIRED





# INSTALL GUIDE RAM 2500 & 3500 2018

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltage.com/forum](http://www.12voltage.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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.

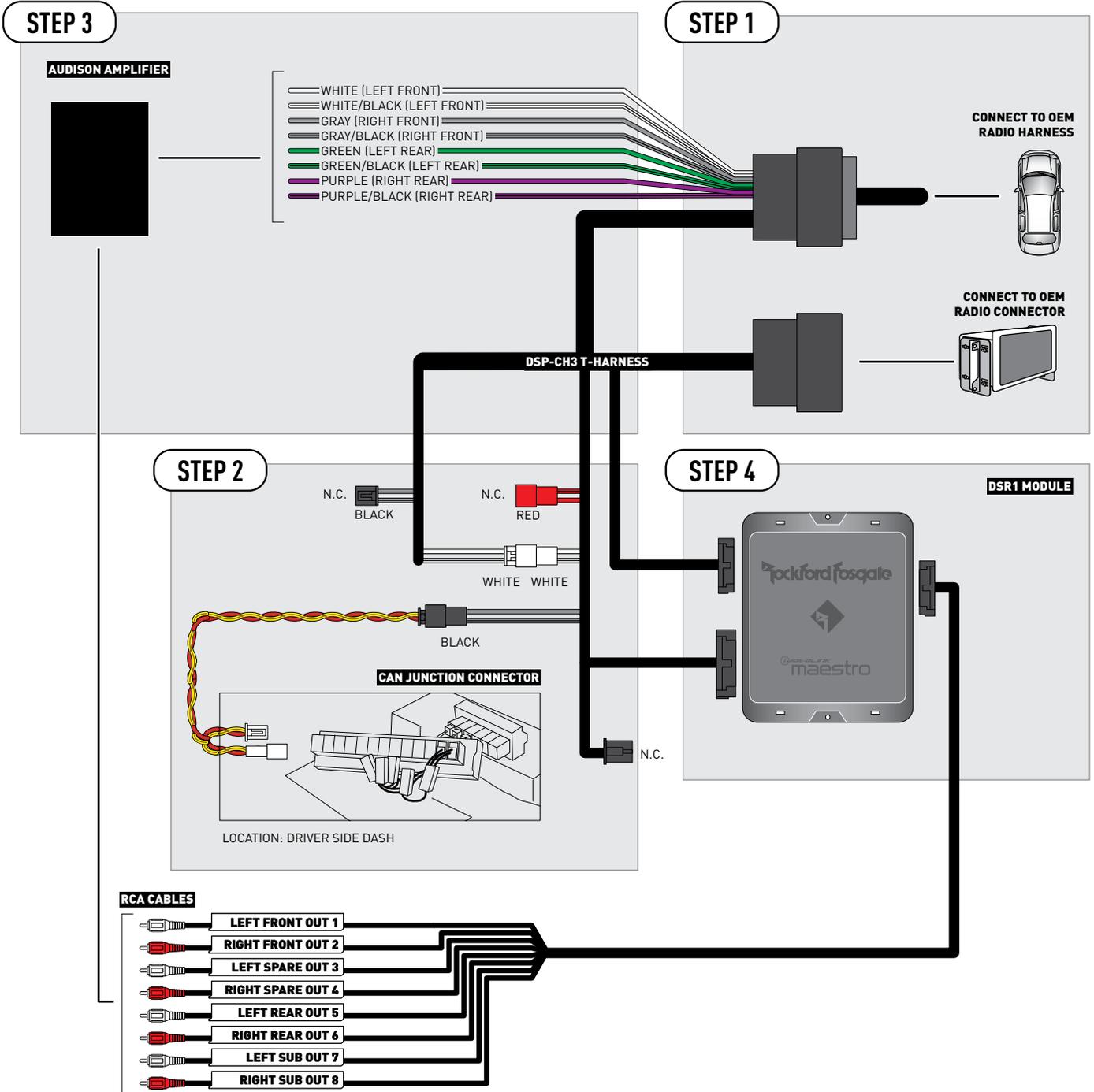
### For technical assistance :

Call : 1-866-427-2999

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM





# INSTALL GUIDE RAM 2500 & 3500 WITHOUT ANC 2019

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



#### PRODUCTS REQUIRED

Rockford Fosgate DSR1  
iDatalink Maestro DSP-CH3 Installation Harness

#### OPTIONAL ACCESSORIES

#### PROGRAMMED FIRMWARE

ADS-DSR1-CHR02C

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](mailto:maestro.support@idatalink.com)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voldata.com/forum](http://www.12voldata.com/forum)

## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4

# INSTALLATION INSTRUCTIONS

## STEP 1

- Remove the factory radio and plug the DSP-CH3 T-Harness in line with the radio plug.

## STEP 2

- Configure the 2 pin connectors on the DSP-CH3 T-harness as shown on the wiring diagram. Plug the CAN cable to the DSP-CH3 T-Harness BLACK 2 pin connector. Plug the CAN cable to vehicle's CAN junction connector.

## STEP 3

- Connect the wires from the DSP-CH3 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.

## STEP 5

**Re-program the OEM radio to "amplified mode".**

- Turn ignition ON.
- Within 5 seconds, cycle the parking brake ON-OFF-ON (the horn will honk one time to confirm you are in programming mode).
- Within 10 seconds, set the turn signal LEFT to add the amplifier (the horn will honk one time to confirm that you chose an option).

**Note: If you need to return the radio to its factory non-amplified mode, do this programming procedure and select the RIGHT turn signal instead.**

- Wait. The radio should reboot twice, and horn will honk:
  - 2 times : Amplified mode
  - 3 times : Non-Amplified mode
  - 5 times : Failed to program

## 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

E-mail : [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

Visit us at : [maestro.idatalink.com/support](http://maestro.idatalink.com/support) and [www.12voltdata.com/forum/](http://www.12voltdata.com/forum/)

# WIRING DIAGRAM

