idatalink™ maestro *Rr*

HOW TO USE THIS INSTALL GUIDE

1 Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.

2 Print only the pages for your vehicle using the advanced options in the Print menu.

3 Install your Maestro RR 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

2010-2015
CHEVROLET CAMARO
WITH AMP

RETAINS HEADS UP DISPLAY, STEERING WHEEL CONTROLS AND MORE!

OR

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro CAM1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-GM02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide
CAM1 Dash Kit Installation Video

OPTIONAL ACCESSORIES

Click here for:
Radar Installation Guides

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 RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

📞 **1 866 427-2999**

✉ maestro.support@idatalink.com

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

INSTALLATION INSTRUCTIONS

DASH DISASSEMBLY (Center console removal)

Note: It is not possible to install the CAM1 dash kit and aftermarket radio without removing the center console.

1. Engage the parking brake. Put the shifter all the way back. (Fig. 1.1)

2. Pry upward and remove the center console trim. Unclip the center console wiring harnesses and remove it. (Fig. 1.2)

3. Using a panel tool, remove the side panels of the center console by prying the panels out and releasing the retainer clips. (Fig. 1.3)

4. (Automatic transmission) Remove a small cover on the front of the shifter to expose (1) torx screw. Remove the screw and shifter. (Fig. 1.4)

    (Manual transmission) Pull up on the shifter knob to remove it.

5. Remove (4) 7mm screws securing the shifter bezel. Pull outward on the two clips below to release it. Disconnect the light from the panel (if equipped) and remove the shifter bezel. Disconnect the center console wiring harness (A), located at the back of the shifter. (Fig. 1.5)

6. Remove (2) Philips screws at the front of the center console (one on each side, near the junction of the radio/climate area). (Fig. 1.6)

7. Remove (4) Philips screws on the the rear sides the console. Remove the rear cover of the center console by gently releasing the clips that secure it. (Fig. 1.7)

8. Remove (2) Philips screws at the rear base of the center console. (Fig. 1.8)

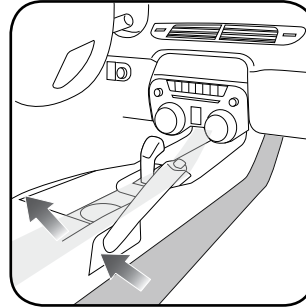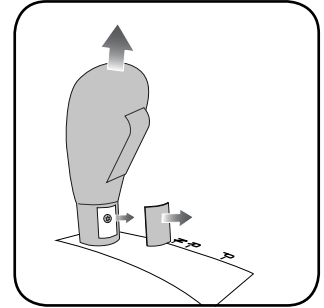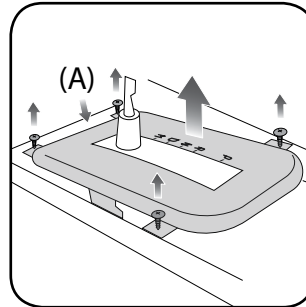9. Remove the center console cover by pulling upward and lifting it over the parking brake. (Fig. 1.9)
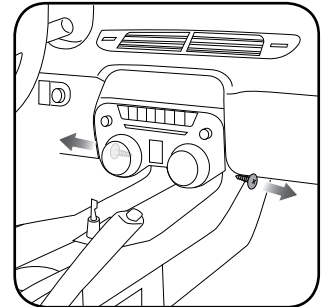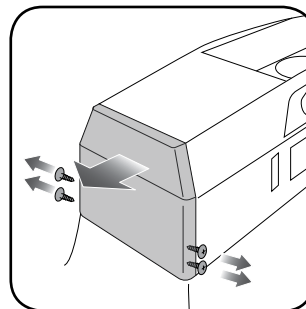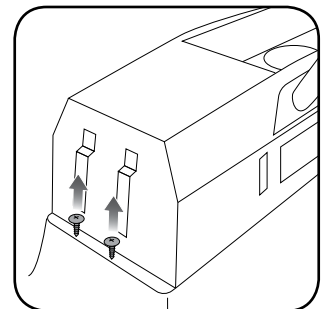
Fig. 1.3

Fig. 1.4

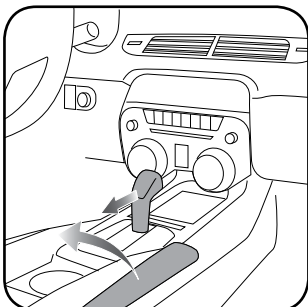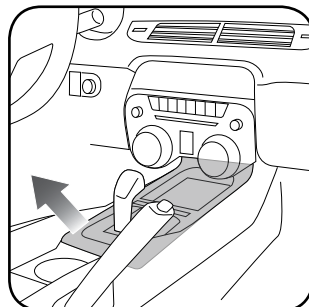Fig. 1.5

Fig. 1.6

Fig. 1.7

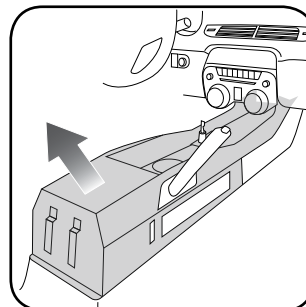Fig. 1.8

Fig. 1.1

Fig. 1.2

Fig. 1.9

INSTALLATION INSTRUCTIONS

DASH DISASSEMBLY (Radio removal)

1. Remove (2) 7mm screws securing the bottom of the radio bezel. (Fig. 2.1)

2. Using a panel tool, gently release the clips securing the radio bezel to the dash. Disconnect the wiring harness on the back of the OEM panel. (Fig. 2.1)

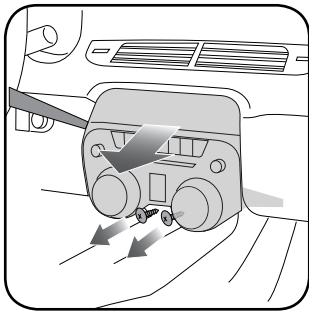3. Remove (4) 7mm screws holding the OEM radio in the dash. Unclip the radio and remove it. (Fig. 2.2)
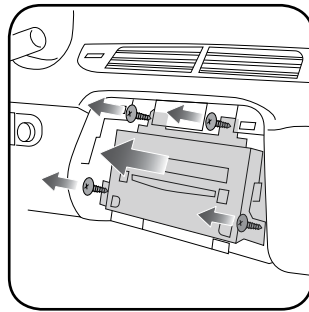

Fig. 2.1   Fig. 2.2

RADIO INSTALLATION/MAKE CONNECTIONS

Unbox the aftermarket radio. Install the metal brackets provided with the CAM1 kit to the aftermarket radio using the screws supplied with the aftermarket radio. (Fig. 2.3)
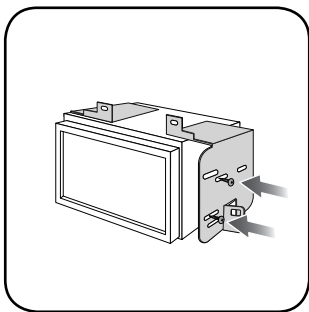

Fig. 2.3

(refer to wiring diagram)

1. Locate the aftermarket radio's main harness. Connect the wires from the aftermarket radio's main harness to the CAM1 t-harness and match the wire functions

2. Plug the backup camera cable into the factory harness (if applicable).

3. Connect the CAM1 T-harness to the factory radio harness.

4. Plug the OBD2 connector into the OBD2 port of the vehicle, located under the driver side dash.

5. Plug the aftermarket radio harnesses into the aftermarket radio. Plug the data cable to the data port of the aftermarket radio. Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX). Plug the backup camera RCA into the aftermarket radio (if applicable).

   Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

6. Connect all harnesses to the Maestro RR module.

7. Insert the radio into the dash and secure the metal brackets with (4) 7mm screws removed during disassembly. (Fig. 2.4)

8. Connect the white 6-pin harness to the button bar of the dash kit.

9. Press the CAM1 bezel into place and secure it with the (2) 7mm screws. Test your installation before completely re-assembling the vehicle. (Fig. 2.5)
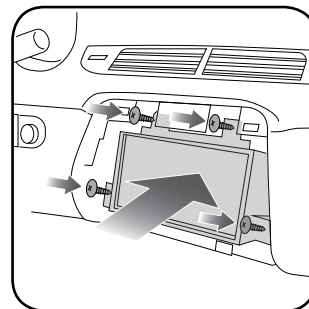

Fig. 2.4   Fig. 2.5

WIRING DIAGRAM *with an Amplifier*

STEP 1

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED
YELLOW/BLACK - FOOT BRAKE
BROWN (NOT CONNECTED)

SEE RADIO WIRE
REFERENCE CHART
FOR RADIO WIRE
COLORS

STEP 5

PIONEER RADIO: ENSURE THAT NOTHING
IS PLUGGED IN W/R PORT.

MAIN HARNESS

CONNECT TO
AFTERMARKET RADIO

RCA CABLE

BACKUP CAM

* IF EQUIPPED

DATA CABLE

AUDIO CABLE

STEP 2

BACKUP CAMERA HARNESS

STEP 8

WIRES FROM VEHICLE

STEP 3

FACTORY RADIO HARNESS

BUTTON BAR

STEP 4

OBDII CONNECTOR

STEP 6

SPEAKER

MAESTRO RR MODULE

CAM1 T-HARNESS

RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

iDatalink maestro**Rr**

INSTALL GUIDE

2010-2015
CHEVROLET CAMARO
WITHOUT AMP

RETAINS HEADS UP DISPLAY, STEERING WHEEL CONTROLS AND MORE!

OR

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro CAM1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-GM02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide
CAM1 Dash Kit Installation Video

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT.

Click here for:
Radar Installation Guides

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 RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

TABLE OF CONTENTS

NEED HELP?

📞 **1 866 427-2999**

✉ maestro.support@idatalink.com

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

INSTALLATION INSTRUCTIONS

DASH DISASSEMBLY (Center console removal)

Note: It is not possible to install the CAM1 dash kit and aftermarket radio without removing the center console.

1. Engage the parking brake. Put the shifter all the way back. (Fig. 1.1)

2. Pry upward and remove the center console trim. Unclip the center console wiring harnesses and remove it. (Fig. 1.2)

3. Using a panel tool, remove the side panels of the center console by prying the panels out and releasing the retainer clips. (Fig. 1.3)

4. (Automatic transmission) Remove a small cover on the front of the shifter to expose (1) torx screw. Remove the screw and shifter. (Fig. 1.4)

   (Manual transmission) Pull up on the shifter knob to remove it.

5. Remove (4) 7mm screws securing the shifter bezel. Pull outward on the two clips below to release it. Disconnect the light from the panel (if equipped) and remove the shifter bezel. Disconnect the center console wiring harness (A), located at the back of the shifter. (Fig. 1.5)

6. Remove (2) Philips screws at the front of the center console (one on each side, near the junction of the radio/climate area). (Fig. 1.6)

7. Remove (4) Philips screws on the the rear sides the console. Remove the rear cover of the center console by gently releasing the clips that secure it. (Fig. 1.7)

8. Remove (2) Philips screws at the rear base of the center console. (Fig. 1.8)

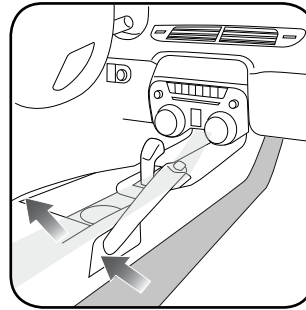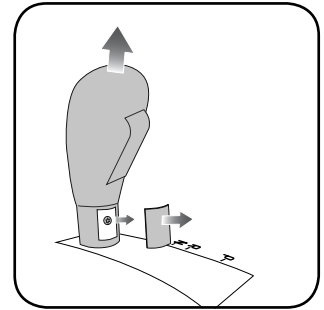9. Remove the center console cover by pulling upward and lifting it over the parking brake. (Fig. 1.9)
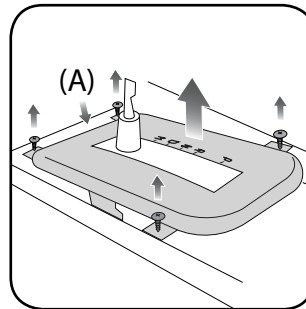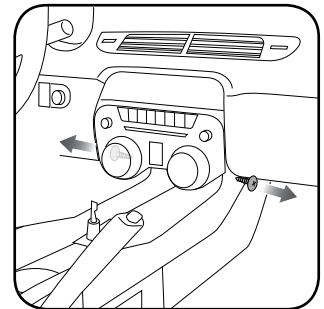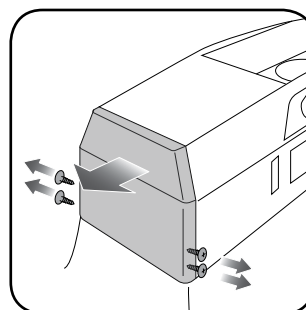

Fig. 1.3
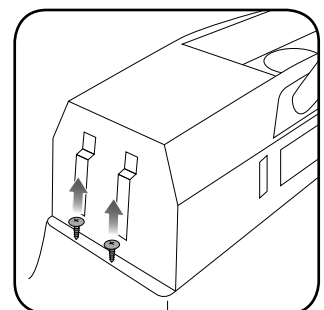

Fig. 1.4

Fig. 1.5

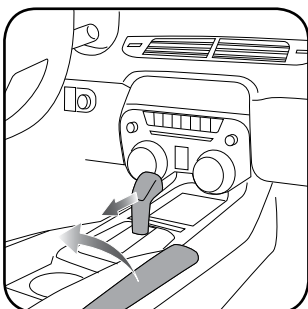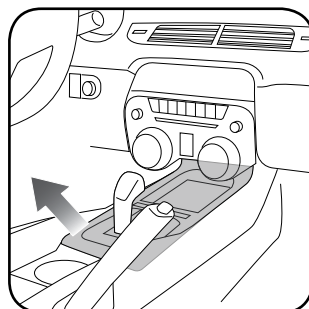Fig. 1.6

Fig. 1.7

Fig. 1.8
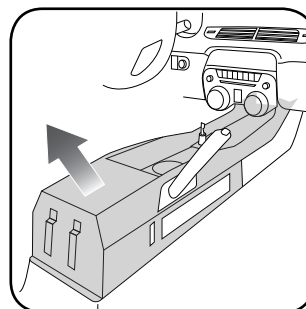

Fig. 1.1

Fig. 1.2

Fig. 1.9

INSTALLATION INSTRUCTIONS

DASH DISASSEMBLY (Radio removal)

1. Remove (2) 7mm screws securing the bottom of the radio bezel. (Fig. 2.1)

2. Using a panel tool, gently release the clips securing the radio bezel to the dash. Disconnect the wiring harness on the back of the OEM panel. (Fig. 2.1)

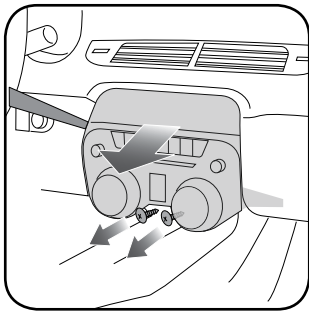3. Remove (4) 7mm screws holding the OEM radio in the dash. Unclip the radio and remove it. (Fig. 2.2)
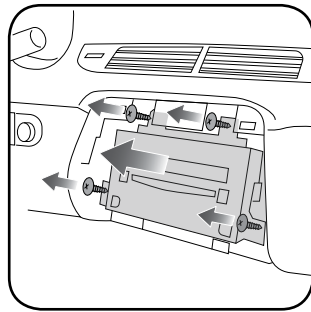

Fig. 2.1   Fig. 2.2

RADIO INSTALLATION/MAKE CONNECTIONS

Unbox the aftermarket radio. Install the metal brackets provided with the CAM1 kit to the aftermarket radio using the screws supplied with the aftermarket radio. (Fig. 2.3)
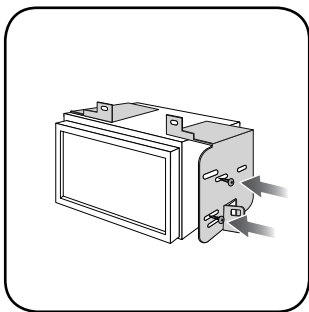

Fig. 2.3

(refer to wiring diagram)

1. Locate the aftermarket radio's main harness. Cut and remove the speaker wire junction connectors. Connect the wires from the aftermarket radio's main harness to the CAM1 t-harness and match the wire functions

2. Plug the backup camera cable into the factory harness (if applicable).

3. Connect the CAM1 T-harness to the factory radio harness.

4. Plug the OBD2 connector into the OBD2 port of the vehicle, located under the driver side dash.

5. Plug the aftermarket radio harnesses into the aftermarket radio. Plug the data cable to the data port of the aftermarket radio. Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX). Plug the backup camera RCA into the aftermarket radio (if applicable).

   Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

6. Connect all harnesses to the Maestro RR module.

7. Insert the radio into the dash and secure the metal brackets with (4) 7mm screws removed during disassembly. (Fig. 2.4)

8. Connect the white 6-pin harness to the button bar of the dash kit.

9. Press the CAM1 bezel into place and secure it with the (2) 7mm screws. Test your installation before completely re-assembling the vehicle. (Fig. 2.5)
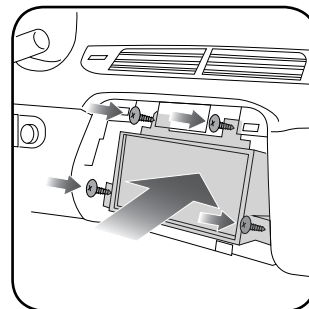

Fig. 2.4   Fig. 2.5

WIRING DIAGRAM *without an Amplifier*

STEP 1

CUT AND REMOVE
THE SPEAKER WIRE
JUNCTION CONNECTORS

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP. TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED
YELLOW/BLACK - FOOT BRAKE
BROWN (NOT CONNECTED)

SEE RADIO WIRE
REFERENCE CHART
FOR RADIO WIRE
COLORS

STEP 5

PIONEER RADIO: ENSURE THAT NOTHING
IS PLUGGED IN W/R PORT.

MAIN HARNESS

CONNECT TO
AFTERMARKET RADIO

RCA CABLE

BACKUP CAM

* IF EQUIPPED

DATA CABLE

AUDIO CABLE

STEP 2

BACKUP CAMERA HARNESS

STEP 8

WIRES FROM VEHICLE

STEP 3

FACTORY RADIO HARNESS

BUTTON BAR

STEP 4

OBDII CONNECTOR

STEP 6

SPEAKER

MAESTRO RR MODULE

CAM1 T-HARNESS

RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).
Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

Web: maestro.idatalink.com/support add www.12voltdata.com/forum/

IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.