

iDataLink **maestroRR**

INSTALL GUIDE WITH GM5 T-HARNESS

RETAINS STEERING WHEEL CONTROLS,
ONSTAR™, ONSTAR™ BLUETOOTH,
XM™ SATELLITE AND MORE!



PRODUCTS REQUIRED

- iDataLink Maestro RR Radio Replacement Interface
- iDataLink Maestro GM5 Installation Harness

OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SR)-GMS05-DS-EN



NOTICE: Automotive Data Solutions Inc. (ADS) accepts no responsibility for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. ADS recommends having this installation performed by a certified technician. Please review this guide carefully before beginning any work. Logos and trademarks used herein 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. To complete the installation of your product, please follow the step-by-step instructions outlined below.

1- INSTALL THE WEBLINK UPDATER PLUG-IN

- Go to "http://maestro.idatalink.com/support#tab=_weblink-plugin" and read the system requirements
- Click the DOWNLOAD NOW button and run the setup.exe file

2- REGISTER A WEBLINK ACCOUNT

- Go to "http://maestro.idatalink.com/weblink/user/registration" and complete the CONSUMER registration form.
- You will receive a confirmation email. Click on the included link to activate your Weblink account.

3- PROGRAM FIRMWARE TO YOUR MAESTRO MODULE

- Connect your Maestro module to your PC using the included
- USB programming cable included in your iDatalink Maestro box.
- Follow the WEBLINK REFERENCE included on page 3.

4- INSTALL YOUR MAESTRO MODULE IN YOUR VEHICLE

- Choose one of the following install types

INSTALL TYPE 1

Used for vehicles with a factory amplifier*

- Follow the INSTALLATION INSTRUCTIONS listed on page 4.
- Refer to the WIRING DIAGRAM included on page 5.

INSTALL TYPE 2

Used for vehicles without a factory amplifier*

- Follow the INSTALLATION INSTRUCTIONS listed on page 6.
- Refer to the WIRING DIAGRAM included on page 7.

INSTALL TYPE 3

Used with the installation of an aftermarket amplifier

- Follow the INSTALLATION INSTRUCTIONS listed on page 8.
- Refer to the WIRING DIAGRAM included on page 9.

*HOW TO DETERMINE IF YOUR VEHICLE IS EQUIPPED WITH A FACTORY AMPLIFIER

- Follow one of the two methods outlined below.

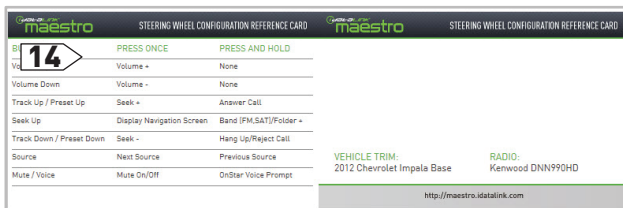
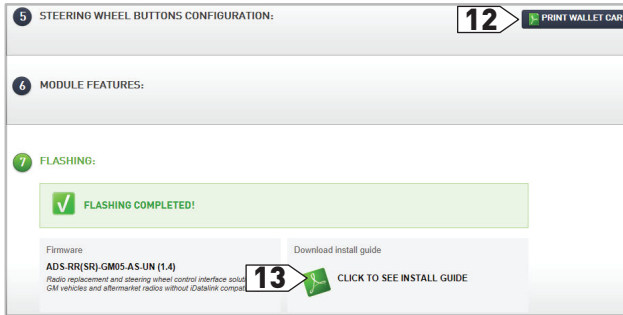
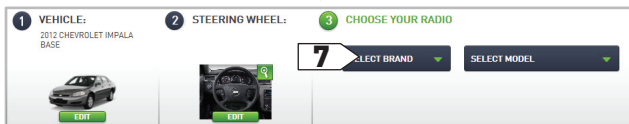
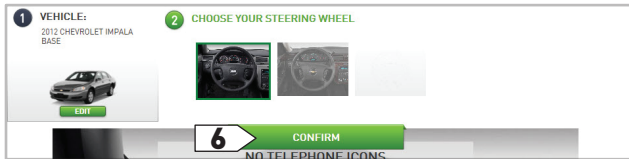
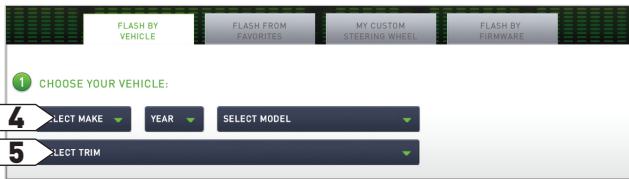
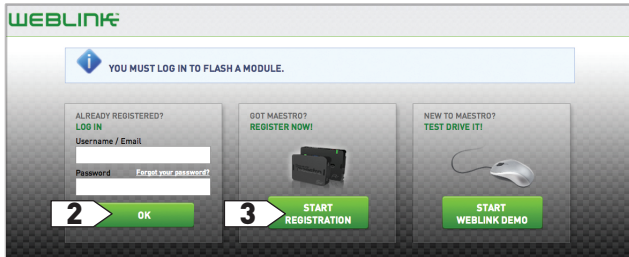
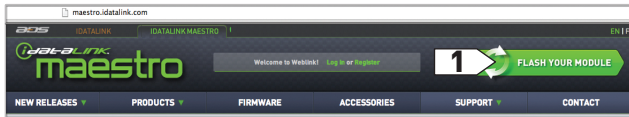
METHOD 1:

- Look for the following logos in the vehicle.
- They are usually on the speaker covers or on the radio unit.
- If you find any of the following logos Bose, Pioneer or Monsoon, you have a factory amplifier.

METHOD 2:

- Look for the following sticker in the glove box.
- This sticker will indicate all the Regular Production Option (RPO) codes.
- If you find any of the following codes UQA, UQS, UQ3, or UQG, you have a factory amplifier.

SERVICE PARTS IDENTIFICATION				DO NOT REMOVE						
2GCEK19N031344764				143 5 FXWH2Q		CKI5753				
AGI	AG2	AJ1	AL0	AM7	AN3	AU0	AU3	A31	B30	B4U
B58	B81	B82	CJ3	C49	C7H	DF5	DK7	DL3	DT4	D07
EVA	E63	FF8	FF9	GT5	G80	JC4	KC4	KNP	KUP	K34
K47	K68	LQ9	M32	NCI	NEI	NP3	NP5	OSC	P30	QSS
R4Y	R9U	R9Z	SAF	SLM	TRB	UC6	UK3	UQA	U2K	UF1
UF3	UK3	VR4	VTV	VXS	V73	XSS	X88	YD6	YE9	
YSS	ZGC	ZY1	Z60	Z82	ISS	ISZ	4IU	6YT	691	692
7YT										
BC/CC		U	8555			692				



1- Visit maestro.idatalink.com and click on FLASH YOUR MODULE to access the WEBLINK menu.

2- Log in if you are already registered.

3- Create an account if you are not registered.

4- Select your vehicle's make, year and model.

5- Select your vehicle's factory radio trim. This is not to be confused with the aftermarket radio that you are about to install.

6- Select the steering wheel that matches the one in your vehicle. Only the radio related control buttons must match. Cruise control buttons and other kinds of buttons are not important. If you choose a non matching steering wheel, some GM features may not work.

7- Select the brand and the model of the aftermarket radio that you are about to install. Then enter the serial number of the aftermarket radio you are installing.

8- On this screen, check the boxes next to the features you wish to retain and uncheck the ones you want to remove. If a feature is grayed out, it cannot be retained with the current selection. Click on the feature to see how to retain it. If a feature is not shown, it is not available for the selected vehicle.

9- Click to change the functions of your steering wheel buttons.
10- If a function is not shown in the drop down menu, it means that it's not supported by the radio.

11- Click on NEXT to program your module.

12- Click to view and print your wallet card.

13- Click to see your install guide.

14- This is a wallet card example.

Every step description is illustrated on the next page.

STEP 1:

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 2:

- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 3:

- Access the OBDII connector located under the driver side dashboard.
- Connect the BROWN/RED wire of the GM5 T-harness to the TAN/BLACK wire of the OBDII connector located at pin 6.
- Connect the BROWN/YELLOW wire of the GM5 T-harness to the TAN wire of the OBDII connector located at pin 14.

STEP 4:

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connector labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the factory amplifier.
The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 5:

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

MODULE SETUP:

- Insert the key into the ignition and turn it to the ACC position.
- The Radio will turn on and the setup screen will appear.

Choose one of the two Bluetooth OPTIONS below:

OPTION 1:

This option lets the factory Bluetooth system handle calls and the aftermarket Bluetooth system stream Audio.

To use the factory Bluetooth system:

(The factory Bluetooth system is OFF by default)

- Scroll down to GM setup and press SET
- Go to the OEM Bluetooth and press ON
- Press the BACK button (circular shaped arrow)
- Scroll down then press FINISH

OPTION 2:

This option lets the aftermarket Bluetooth system handle calls and stream Audio.

To use the aftermarket Bluetooth system:

- Scroll to the bottom of the setup screen and press FINISH
- Install the aftermarket microphone

WARNING: Aftermarket Bluetooth system

If your phone is paired to the Factory Bluetooth system you must delete the pairing from the phone to the Factory Bluetooth system.

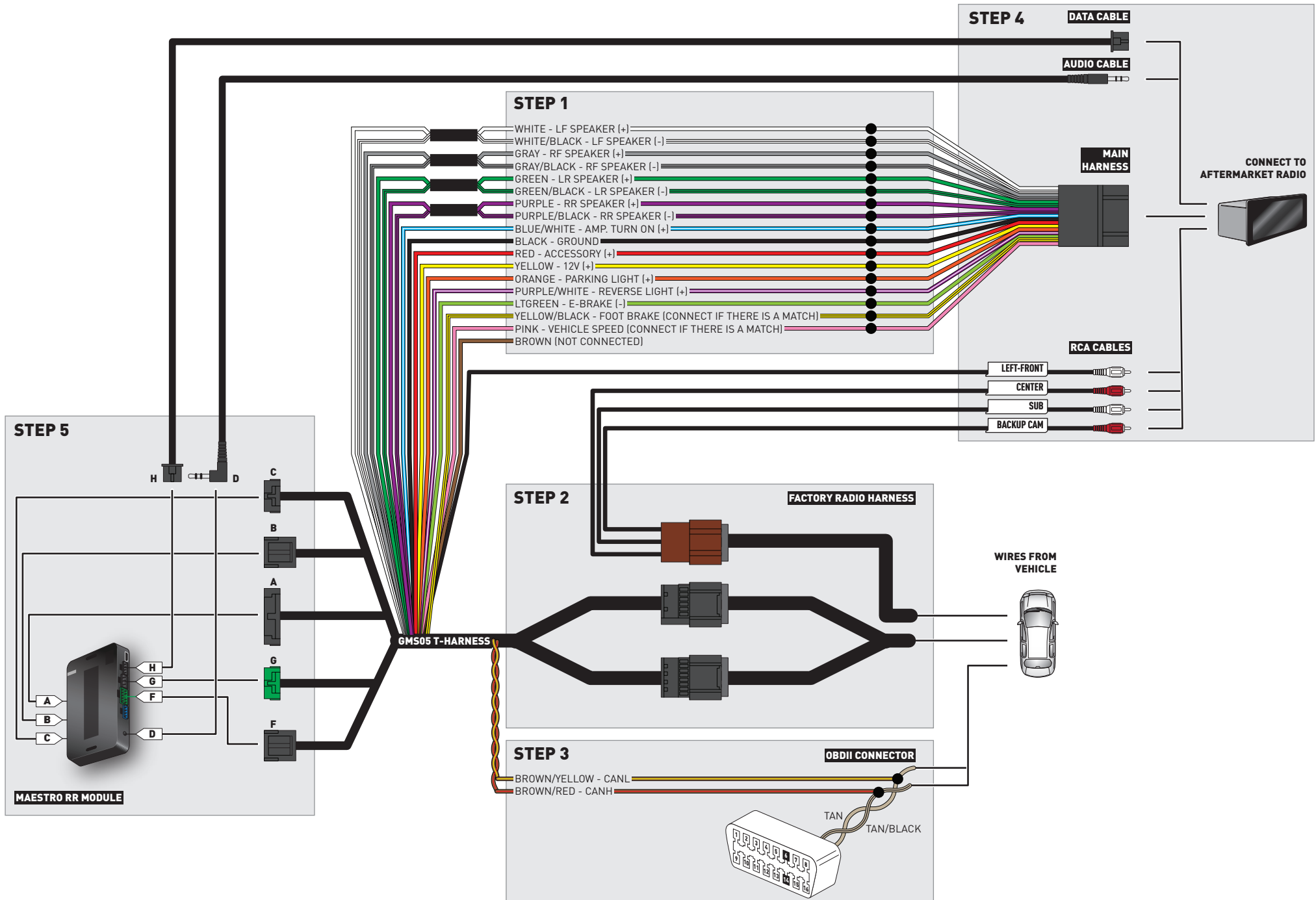
For more information and programming procedures, see the aftermarket Bluetooth system and the factory Bluetooth system owner's manuals.

The module is now programmed and ready to be used. To access the new menus, press on GM FEATURES.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"



Every step description is illustrated on the next page.

STEP 1:

- Unbox the aftermarket radio and locate its main harness.
- Cut the level matching circuits from the GM5 T-harness, they are not required.

STEP 2:

- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 3:

- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4:

- Access the OBDII connector located under the driver side dashboard.
- Connect the BROWN/RED wire of the GM5 T-harness to the TAN/BLACK wire of the OBDII connector located at pin 6.
- Connect the BROWN/YELLOW wire of the GM5 T-harness to the TAN wire of the OBDII connector located at pin 14.

STEP 5:

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN and CENTER IN are not used.

The RCA connectors labeled BACKUP CAM can be used to retain the functionality of the factory backup camera.

STEP 6:

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

MODULE SETUP:

- Insert the key into the ignition and turn it to the ACC position.
- The Radio will turn on and the setup screen will appear.

Choose one of the two Bluetooth OPTIONS below:

OPTION 1:

This option lets the factory Bluetooth system handle calls and the aftermarket Bluetooth system stream Audio.

To use the factory Bluetooth system:
(The factory Bluetooth system is OFF by default)

- Scroll down to GM setup and press SET
- Go to the OEM Bluetooth and press ON
- Press the BACK button (circular shaped arrow)
- Scroll down then press FINISH

OPTION 2:

This option lets the aftermarket Bluetooth system handle calls and stream Audio.

To use the aftermarket Bluetooth system:

- Scroll to the bottom of the setup screen and press FINISH
- Install the aftermarket microphone

WARNING: Aftermarket Bluetooth system

If your phone is paired to the Factory Bluetooth system you must delete the pairing from the phone to the Factory Bluetooth system.

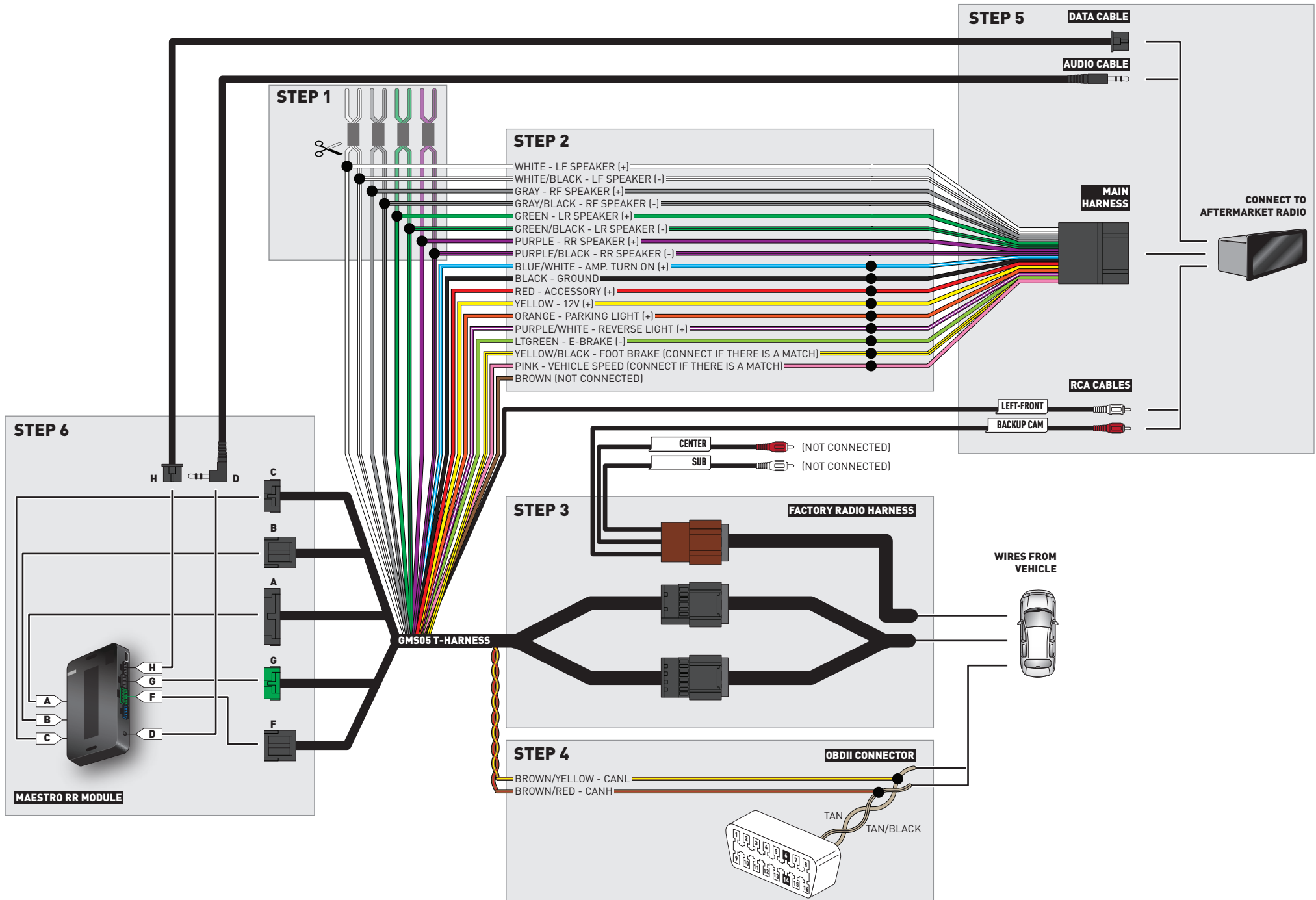
For more information and programming procedures, see the aftermarket Bluetooth system and the factory Bluetooth system owner's manuals.

The module is now programmed and ready to be used. To access the new menus, press on GM FEATURES.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.
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Every step description is illustrated on the next page.

STEP 1:

- Unbox the aftermarket radio and locate its main harness.
- The speaker wire connections of the GM5 T-harness are not required.
- Connect the wires shown on the next page from aftermarket radio main harness to the GM5 T-harness and match the wire functions.

STEP 2:

- A small 4 ohm speaker is required to retain the factory warning chimes and turn signal reminder.
- Cut the BLUE (+) and BLUE/BLACK (-) wires of the GM5 T-harness B connector.
- Extend the BLUE (+) and BLUE/BLACK (-) wire sections that are going to the Maestro RR module.
- Insulate the BLUE (+) and BLUE/BLACK (-) wire sections that are going to the vehicle.
- Connect the BLUE (+) extended wire to the speaker's positive (+) terminal.
- Connect the BLUE/BLACK (-) extended wire to the speaker's negative (-) terminal.
- The speaker must be secured under the dashboard.

STEP 3:

- Remove the factory radio.
- Connect the factory harness to the GM5 T-harness.
- Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4:

- Access the OBDII connector located under the driver side dashboard.
- Connect the BROWN/RED wire of the GM5 T-harness to the TAN/BLACK wire of the OBDII connector located at pin 6.
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STEP 5:

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Insert the LEFT FRONT white RCA connector from the GM5 T-harness into the LEFT FRONT RCA output of the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDataLink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connector labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the factory amplifier.
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STEP 6:

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- Insert the key into the ignition and turn it to the ACC position.
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OPTION 2:

This option lets the aftermarket Bluetooth system handle calls and stream Audio.

To use the aftermarket Bluetooth system:

- Scroll to the bottom of the setup screen and press FINISH
- Install the aftermarket microphone

WARNING: Aftermarket Bluetooth system
If your phone is paired to the Factory Bluetooth system you must delete the pairing from the phone to the Factory Bluetooth system.

For more information and programming procedures, see the aftermarket Bluetooth system and the factory Bluetooth system owner's manuals.

The module is now programmed and ready to be used.
To access the new menus, press on GM FEATURES.

Insert the aftermarket radio in the dashboard housing and test all the functionalities. Reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, 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.
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