



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 CHRYSLER 300 BASE 2005-2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

DURING INSTALLATION

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

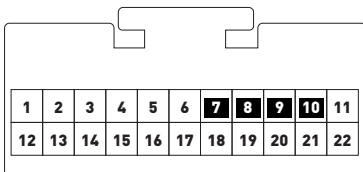


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

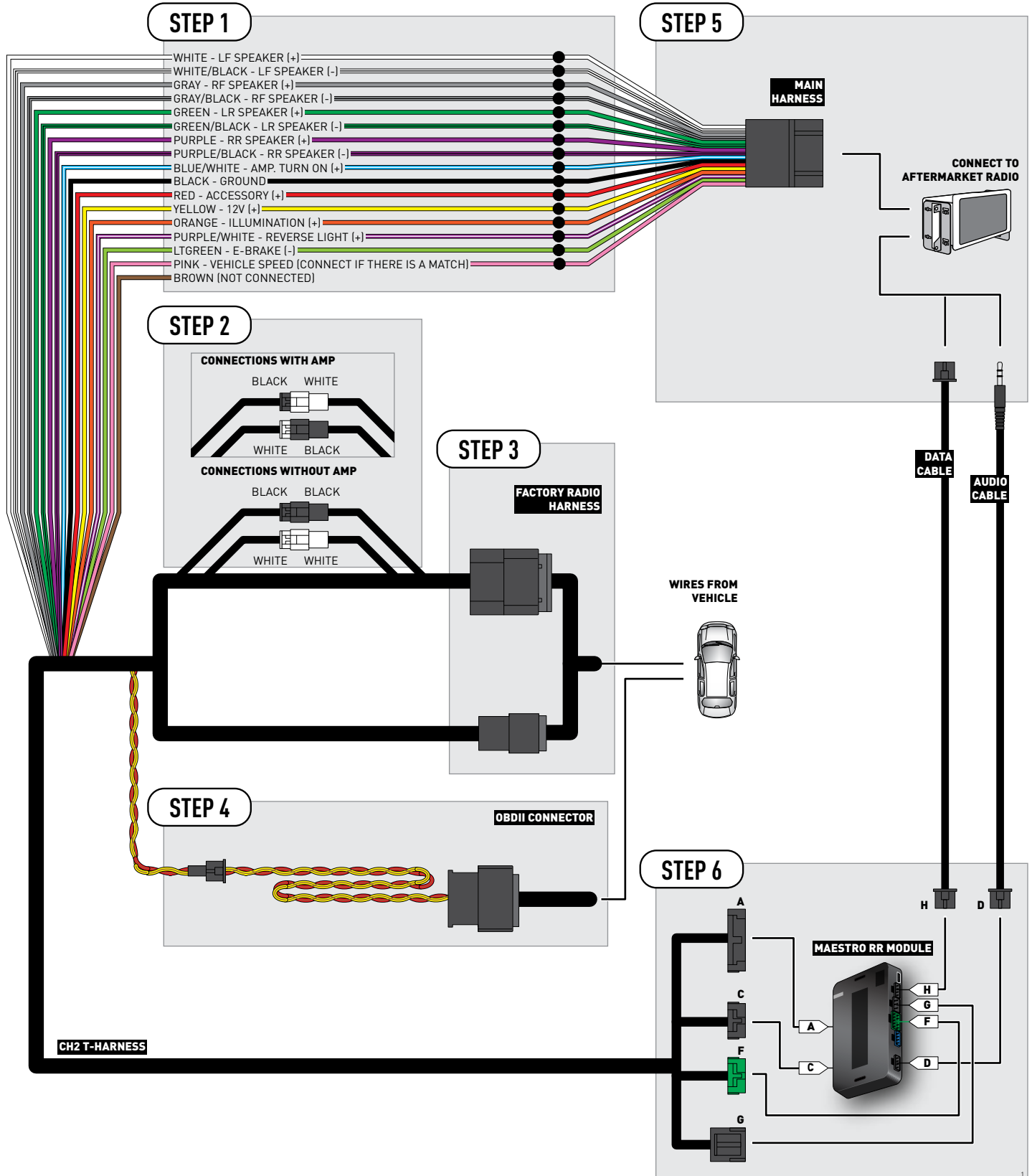
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE CHRYSLER ASPEN BASE 2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



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

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INSTALLATION INSTRUCTIONS

STEP 1

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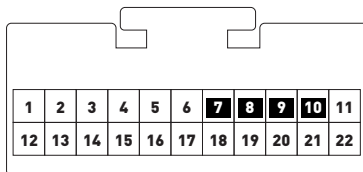


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

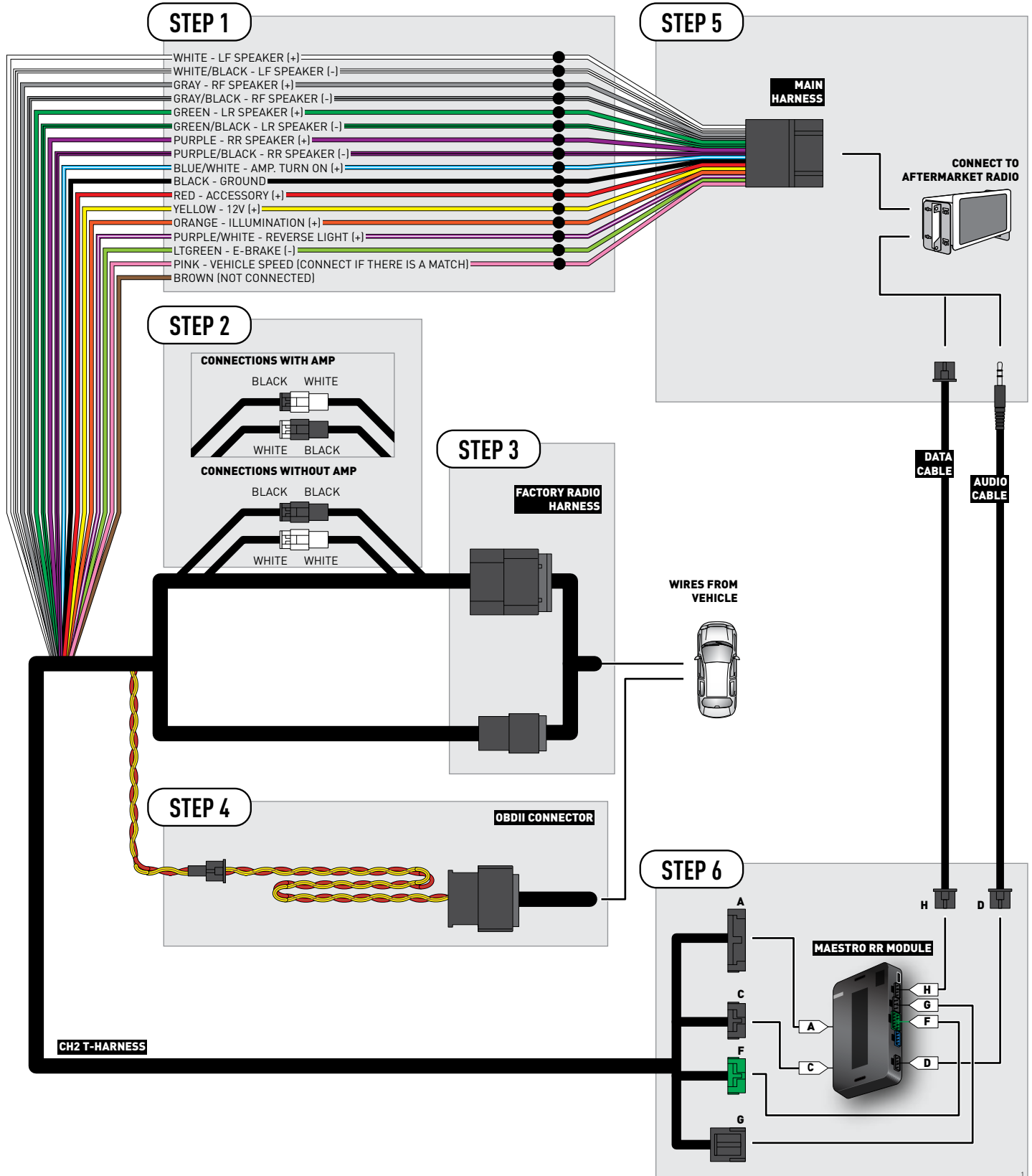
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



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Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE CHRYSLER PT CRUISER BASE 2006-2010

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



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

NEED HELP?

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INSTALLATION INSTRUCTIONS

STEP 1

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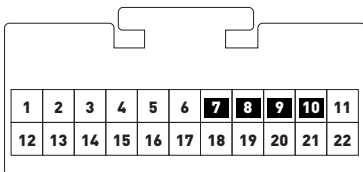


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

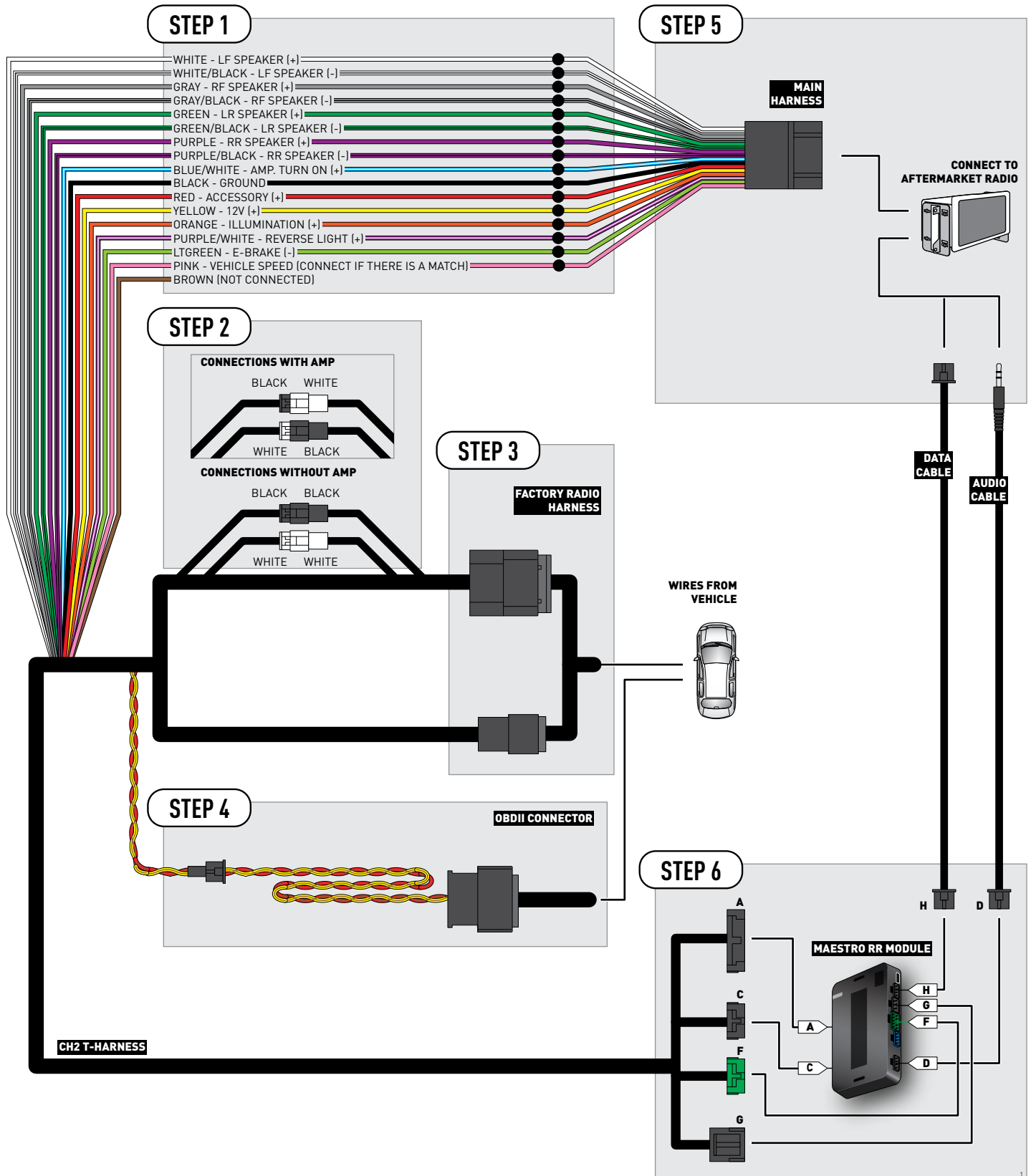
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE CALIBER BASE 2007-2008

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

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

NEED HELP?

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
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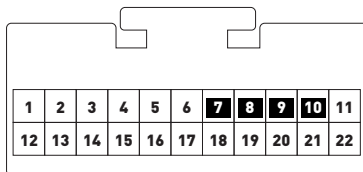


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

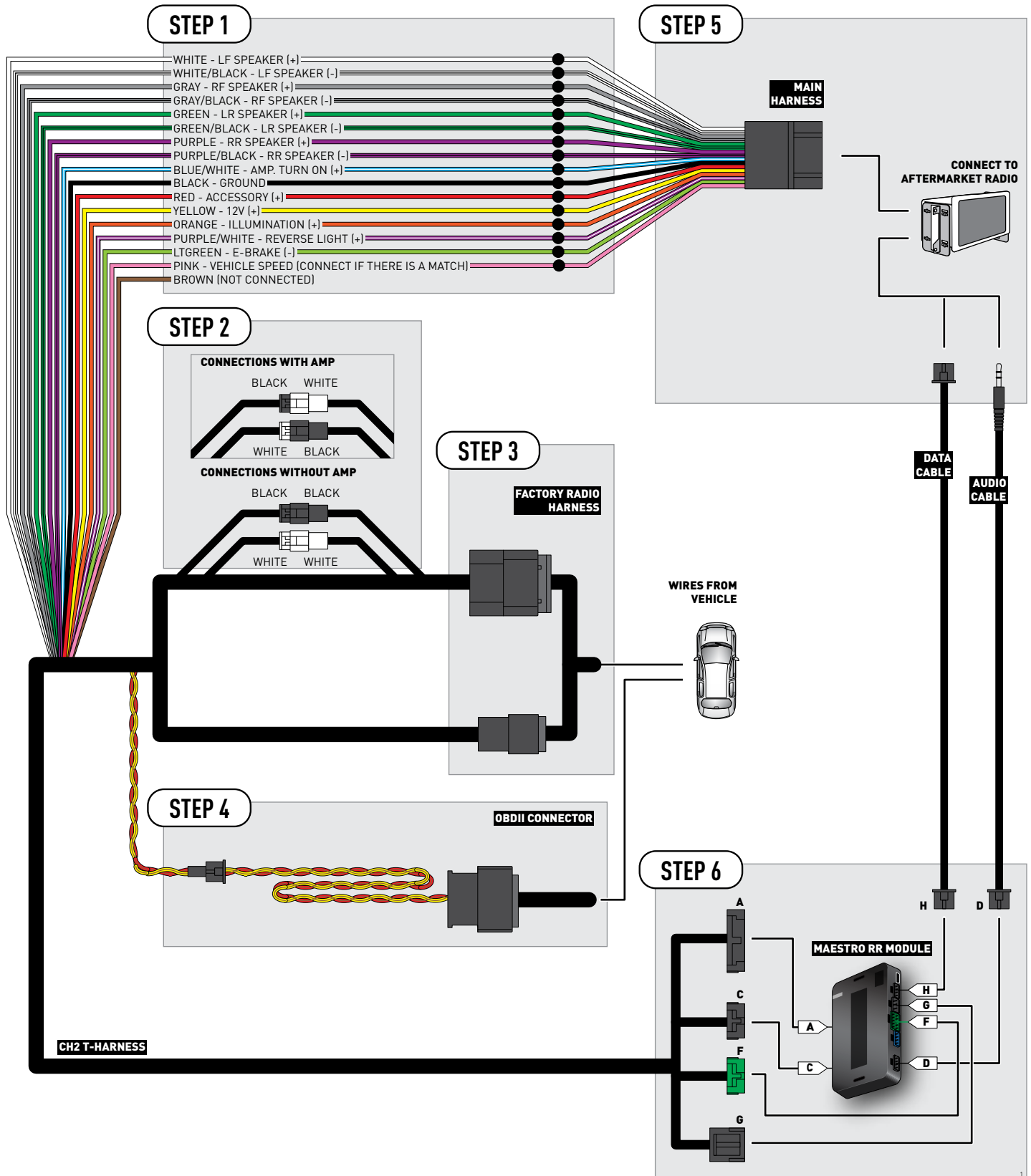
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE CHARGER BASE 2006-2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



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INSTALLATION INSTRUCTIONS

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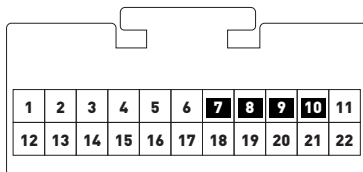


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
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- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
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STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

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- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
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STEP 6

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

The module is now ready to be used.

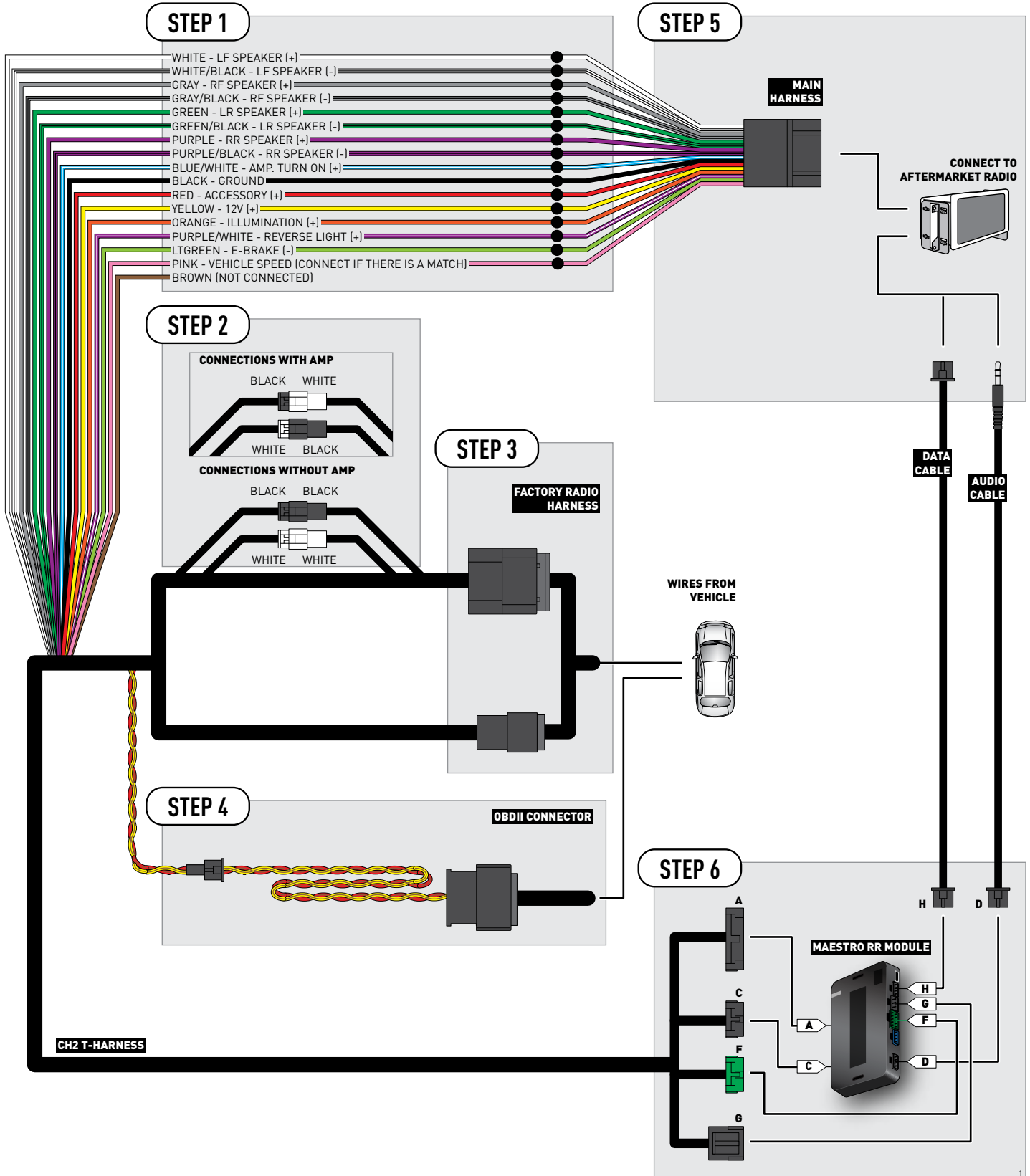
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE DAKOTA BASE 2005-2007

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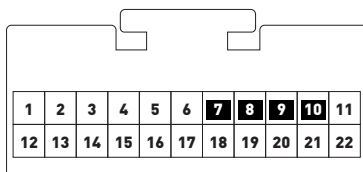


Fig. 2.1

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STEP 6

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

The module is now ready to be used.

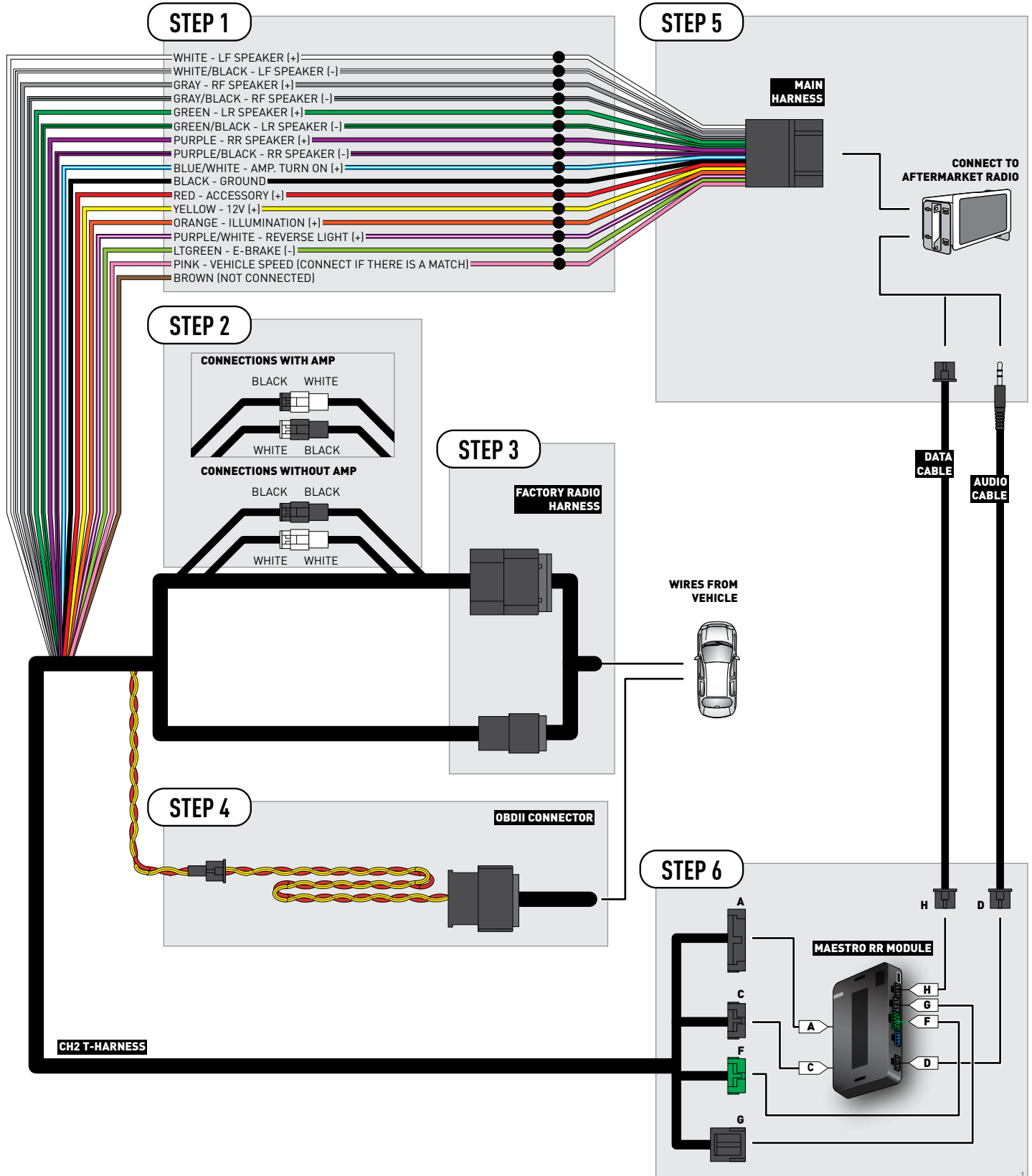
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Reassemble the dashboard carefully.

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Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE DURANGO BASE 2004-2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

DURING INSTALLATION

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

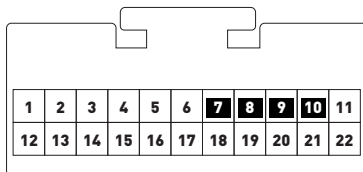


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

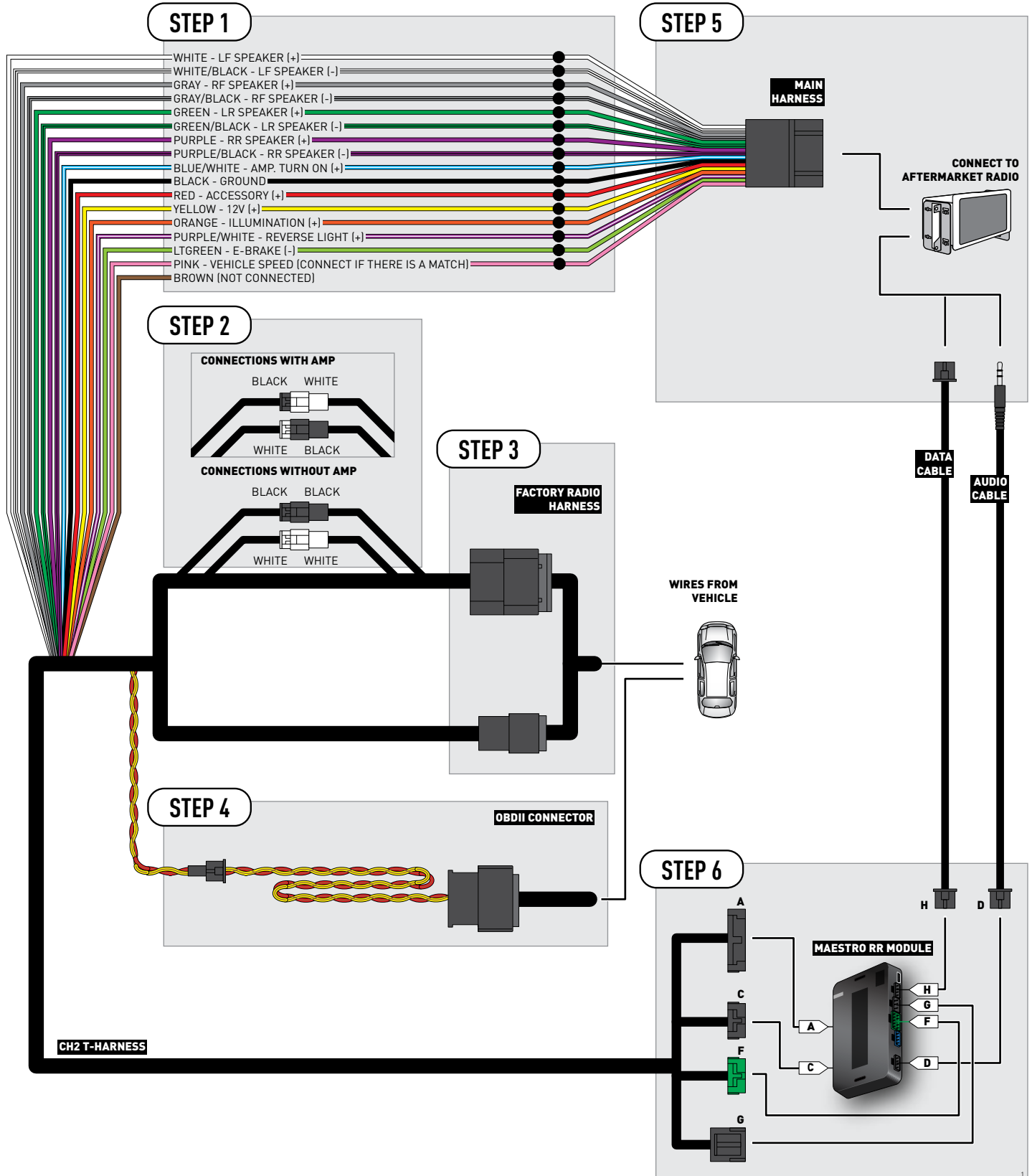
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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/"

WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE MAGNUM BASE 2005-2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 support@idatalink.com

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

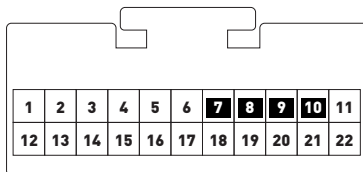


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

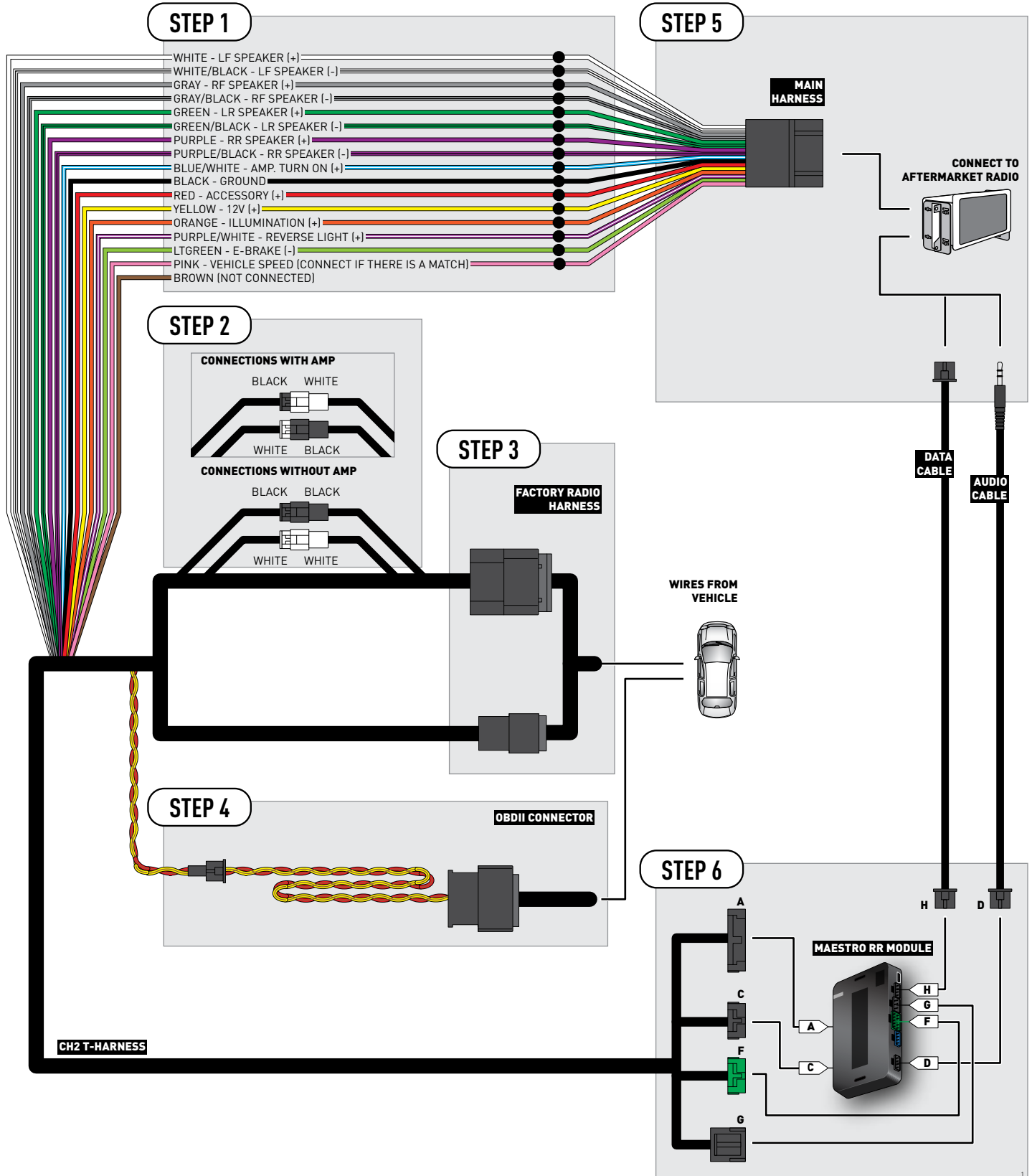
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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/"

WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE RAM BASE 2006-2008

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 support@idatalink.com

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

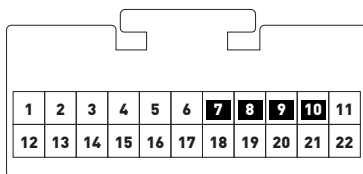


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

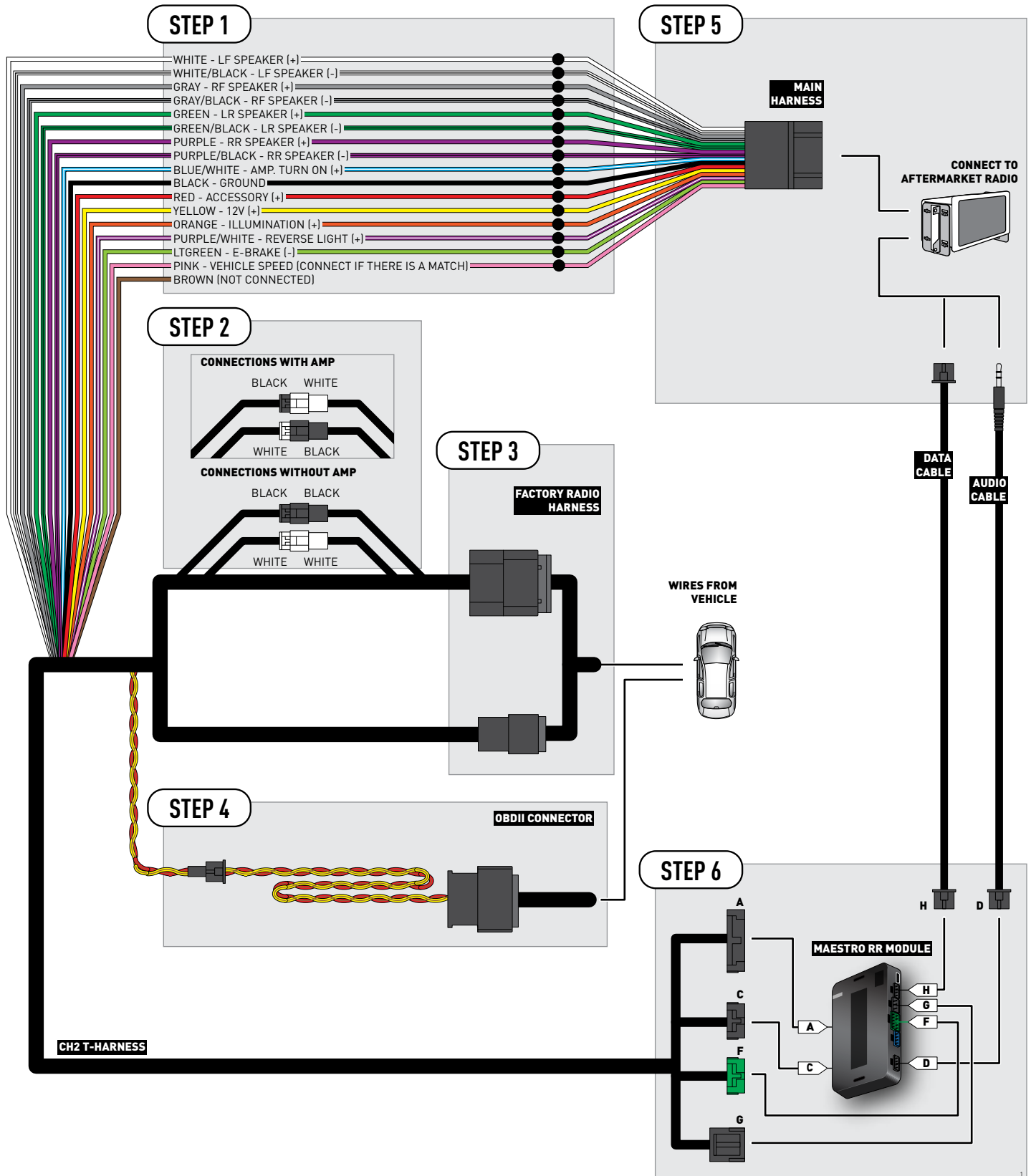
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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/"

WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE JEEP COMMANDER BASE 2006-2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

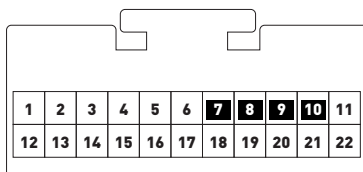


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

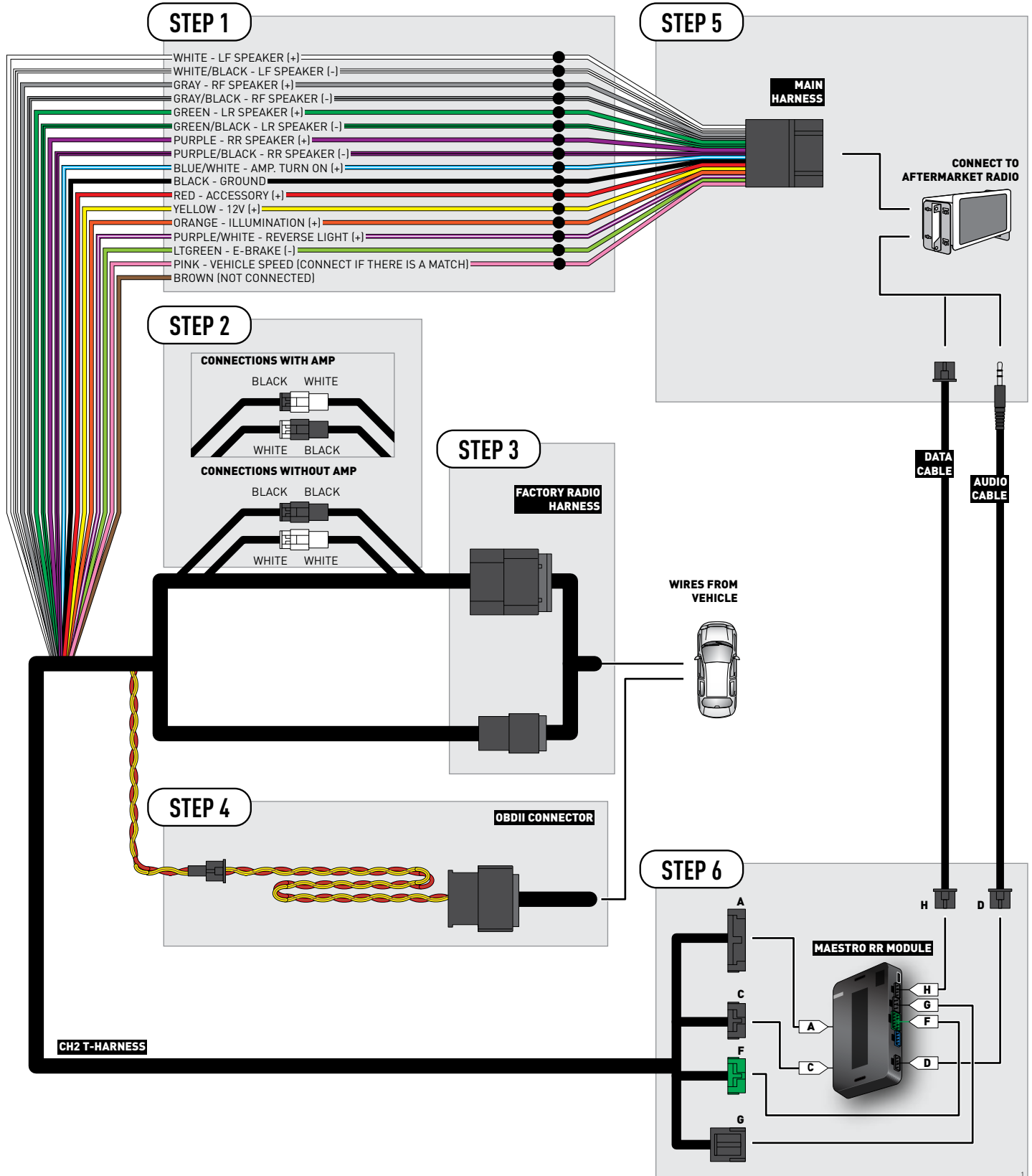
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE JEEP GRAND CHEROKEE BASE 2005-2007

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

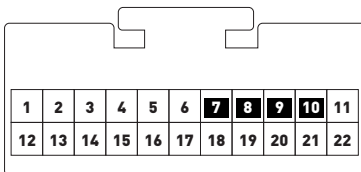


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

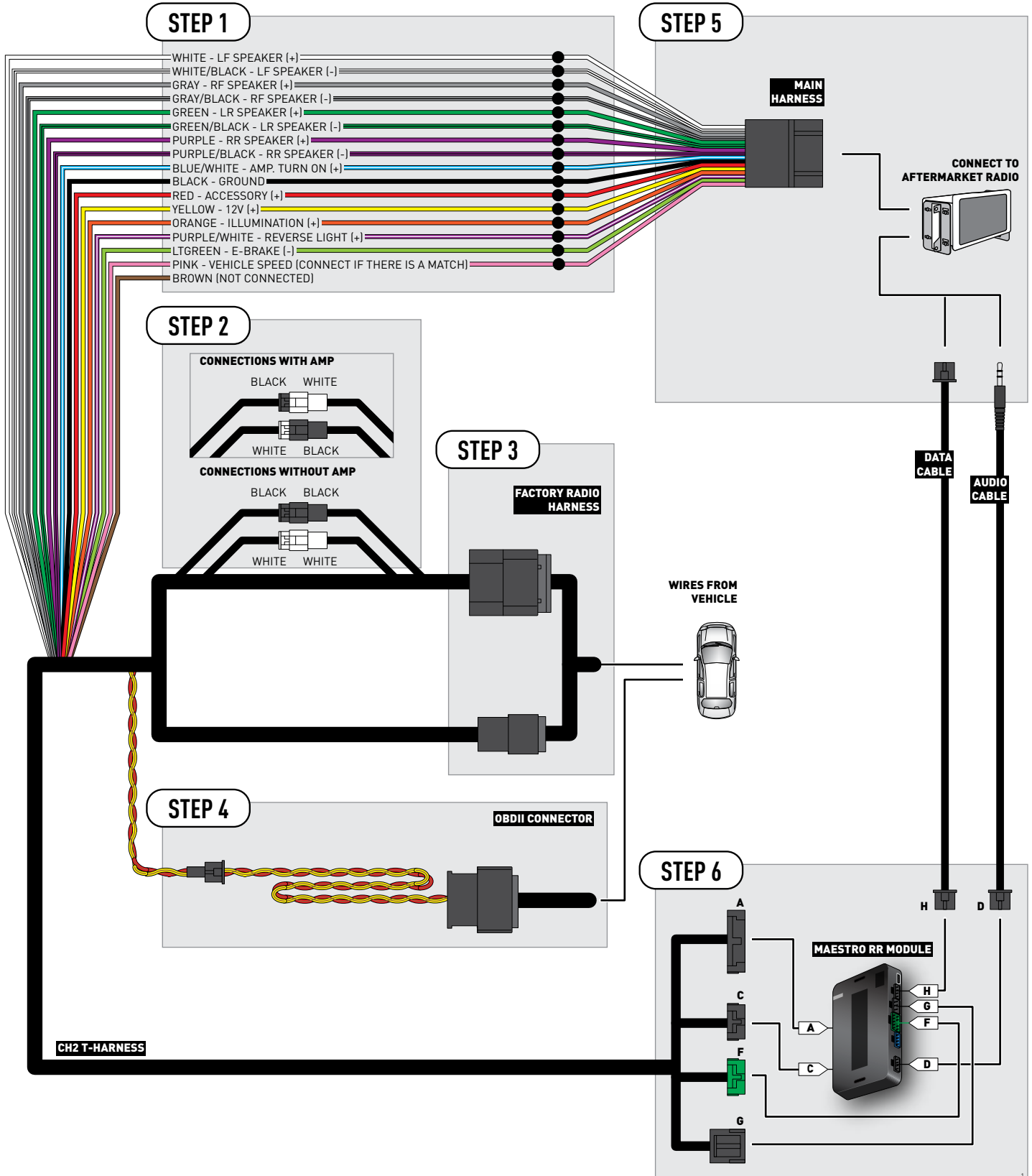
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE JEEP PATRIOT BASE 2007-2008

RETAINS STEERING WHEEL CONTROLS, UCONNECT, UCONNECT BLUETOOTH, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR02-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

[Radar Integration Owner's Guide for Kenwood and JVC Radios](#)

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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 support@idatalink.com

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Remove the factory radio.
- Access the main 22 pin factory radio connector **(2.1)** and determine if you have a factory amplifier.

If you have wires in PIN 7, 8, 9 and 10, you don't have a factory amplifier.

If you don't have wires in PIN 7, 8, 9 and 10, you have a factory amplifier.

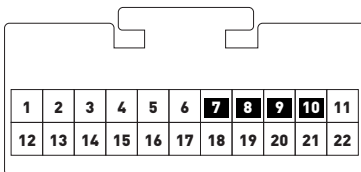


Fig. 2.1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the CH2 T-harness and match the wire functions.

STEP 2

If the vehicle DOES have a factory amplifier:

- Plug the female BLACK connector to the male WHITE connector of your CH2 T-harness.
- Plug the female WHITE connector to the male BLACK connector of your CH2 T-harness.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female BLACK connector to the male BLACK connector of your CH2 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH2 T-harness.

STEP 3

- Connect the factory harness to the CH2 T-harness.

STEP 4

- Plug the male BLACK 2 pin connector of your CH2 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 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 3.5 mm audio jack of the aftermarket radio.

STEP 6

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

The module is now ready to be used.

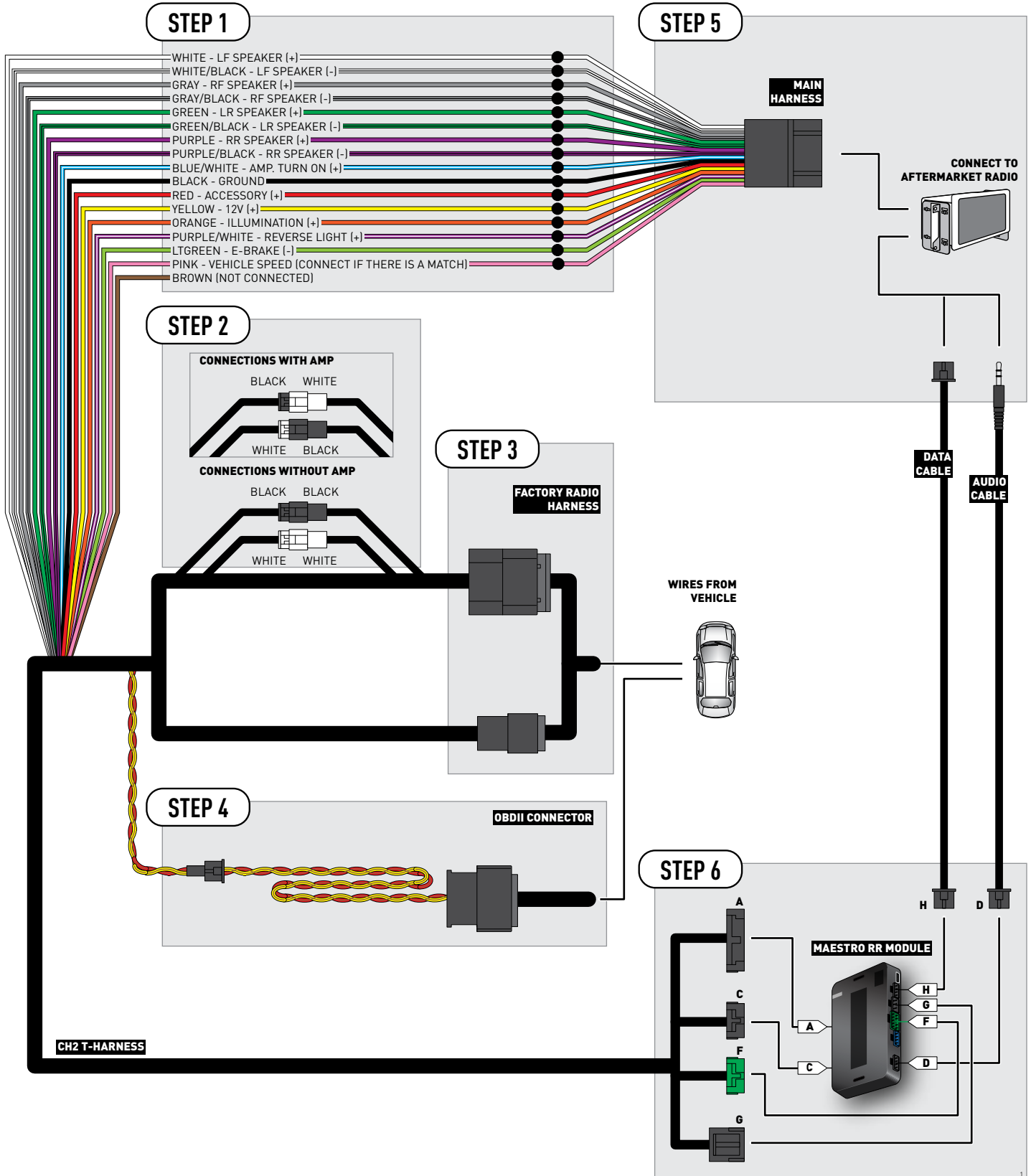
Insert the aftermarket radio in the dashboard housing and test all the functionalities.

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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WIRING DIAGRAM



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
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink