



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.

RETAINS STEERING WHEEL CONTROLS AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

HRN-AV-CH1

WELCOME

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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

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www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

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 CH1 T-harness and match the wire functions.

STEP 2

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

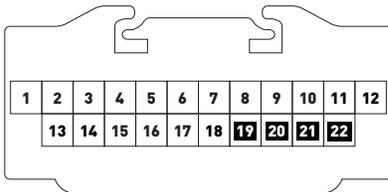


Fig. 2.1

If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

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If you have wires in PIN 19, 20, 21 and 22, you don't have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

STEP 3

- Plug the female RED connector to the male BLACK connector.

STEP 4

- Connect the factory harness to the CH1 T-harness.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

STEP 6

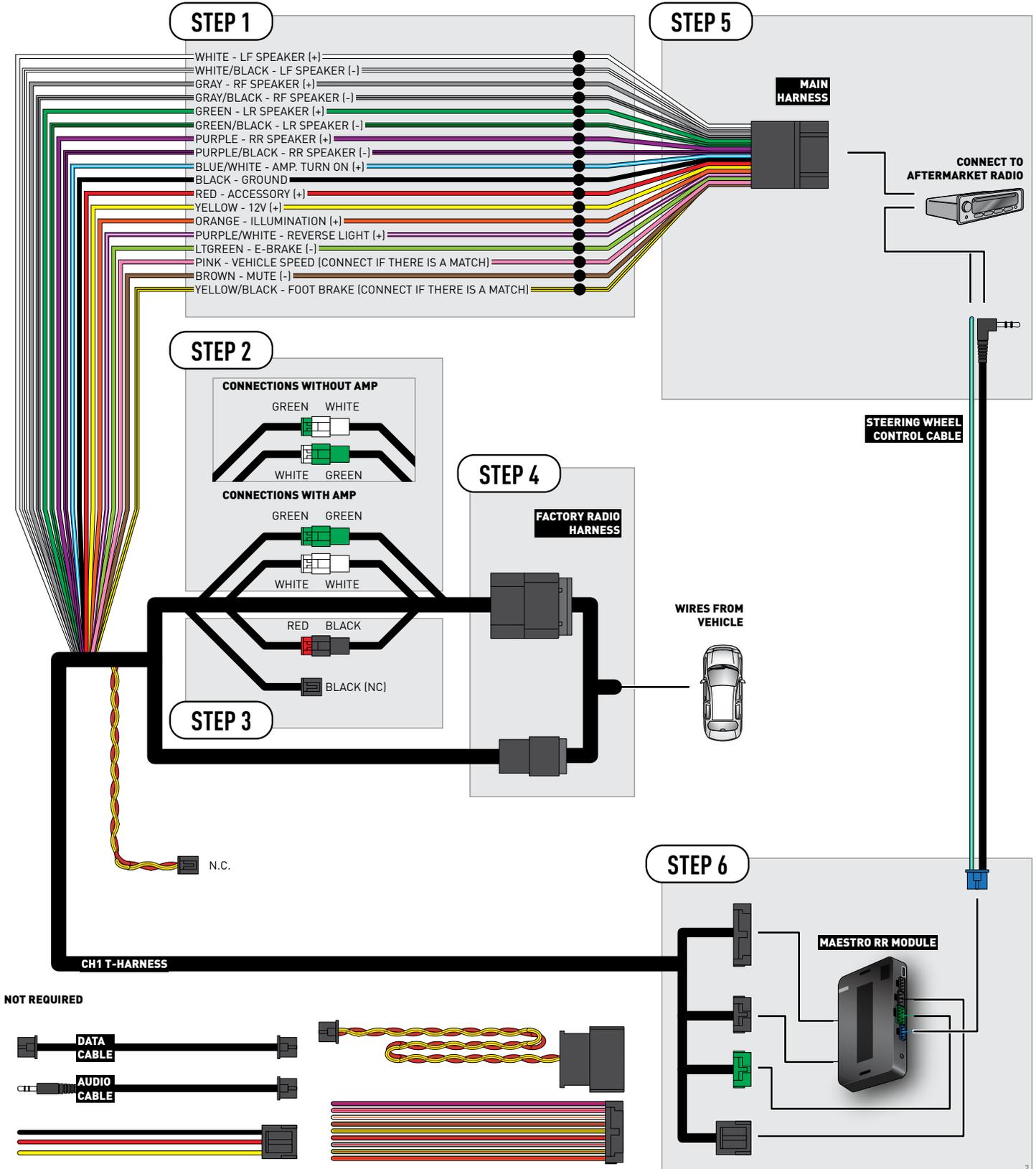
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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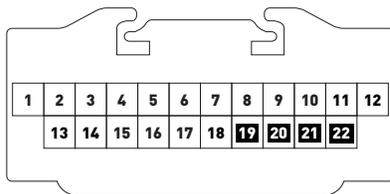


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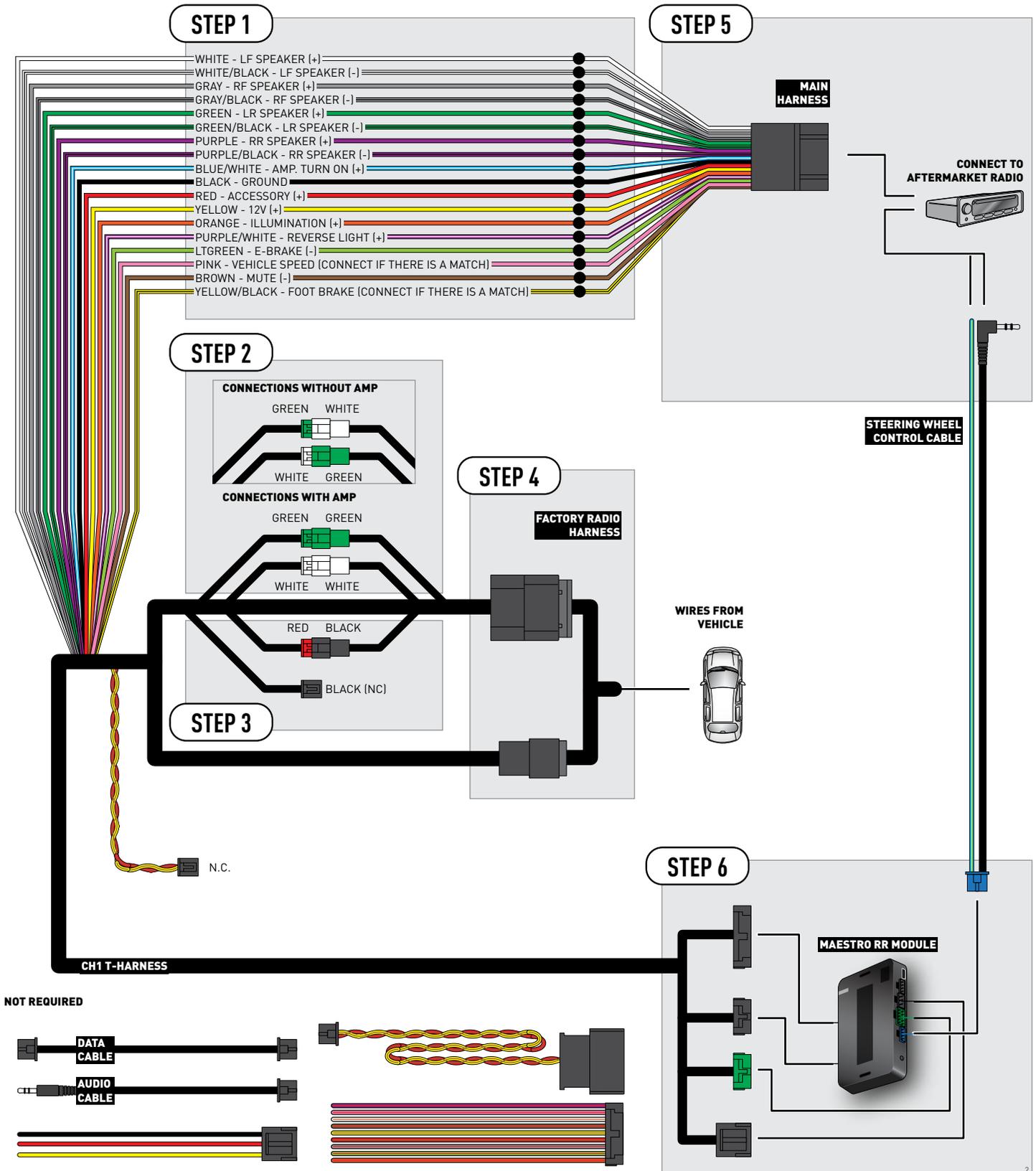
- Connect all the harnesses to the Maestro RR module.

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.

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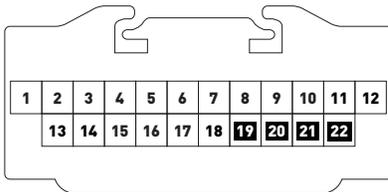


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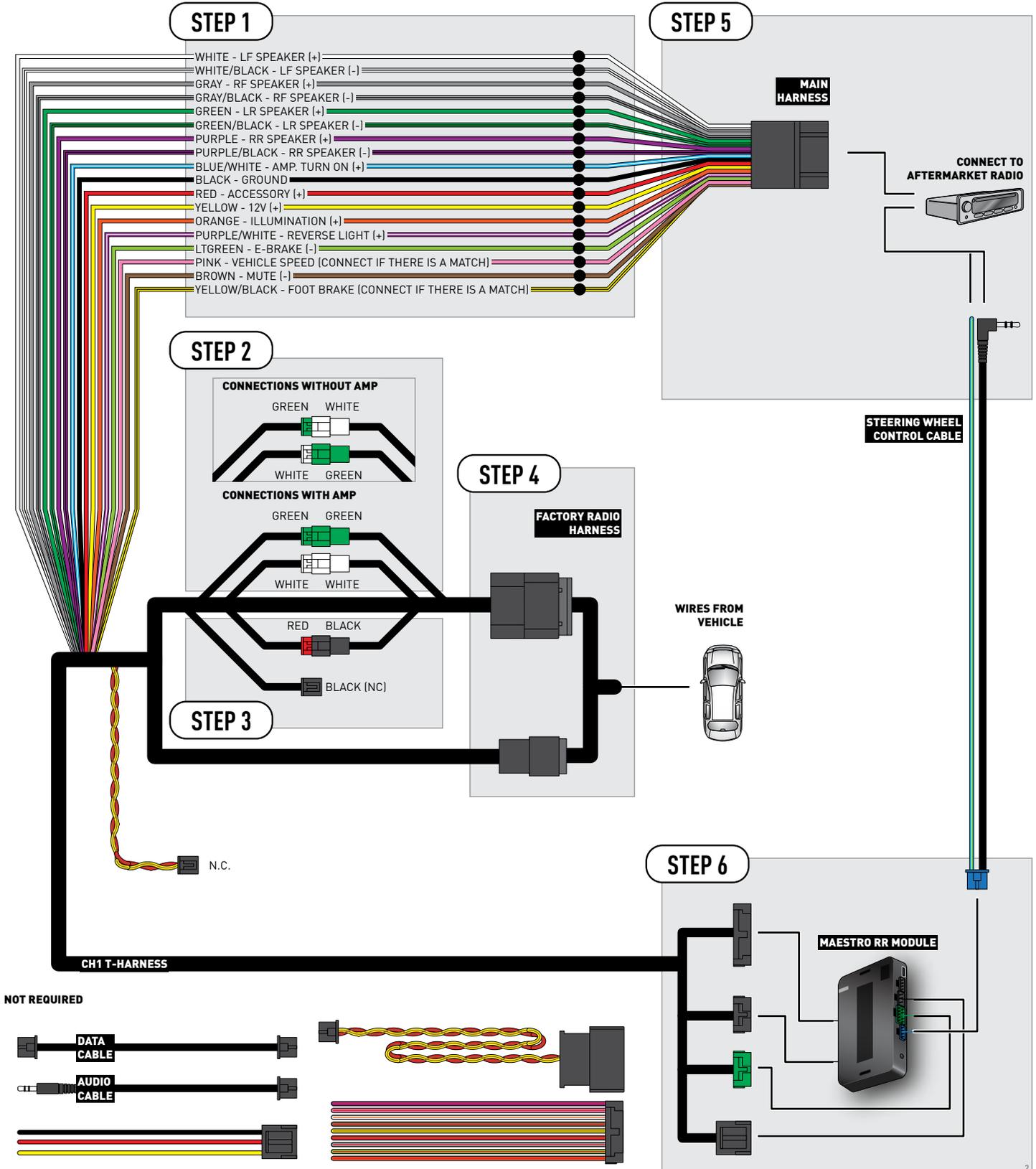
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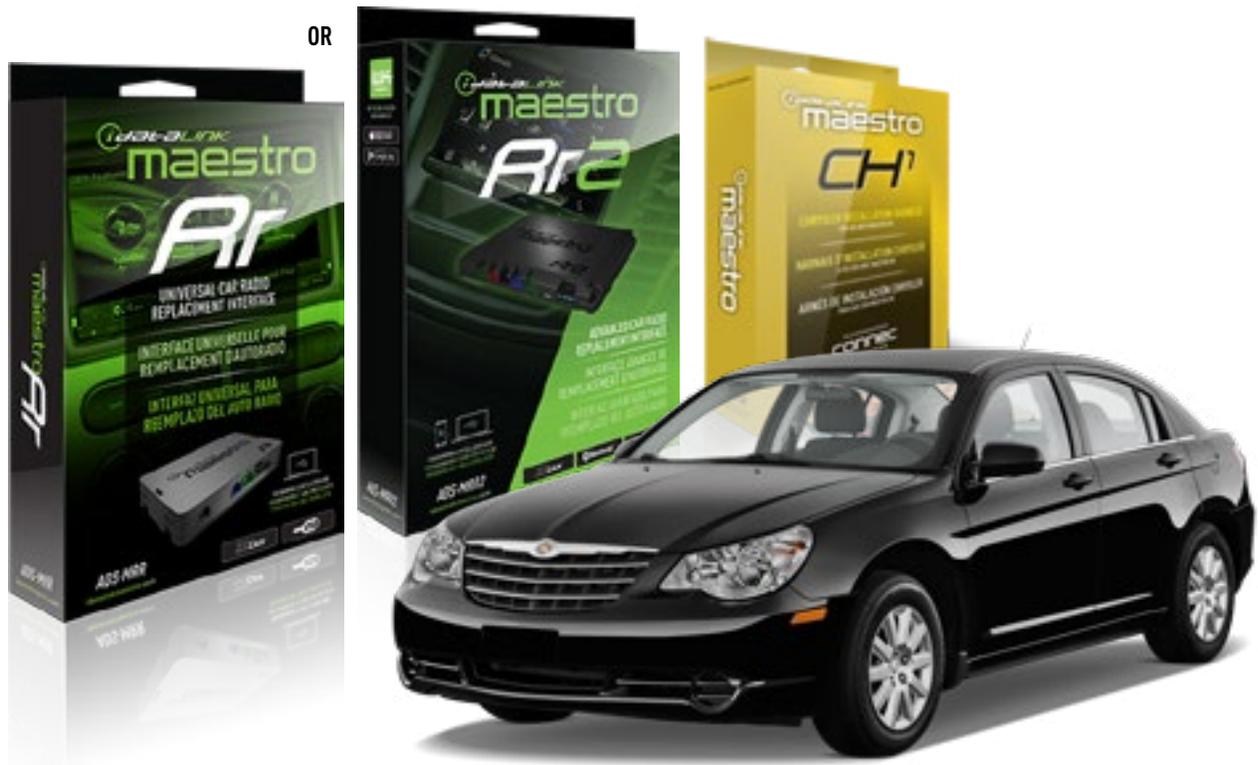
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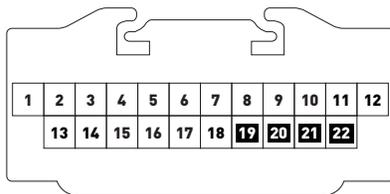


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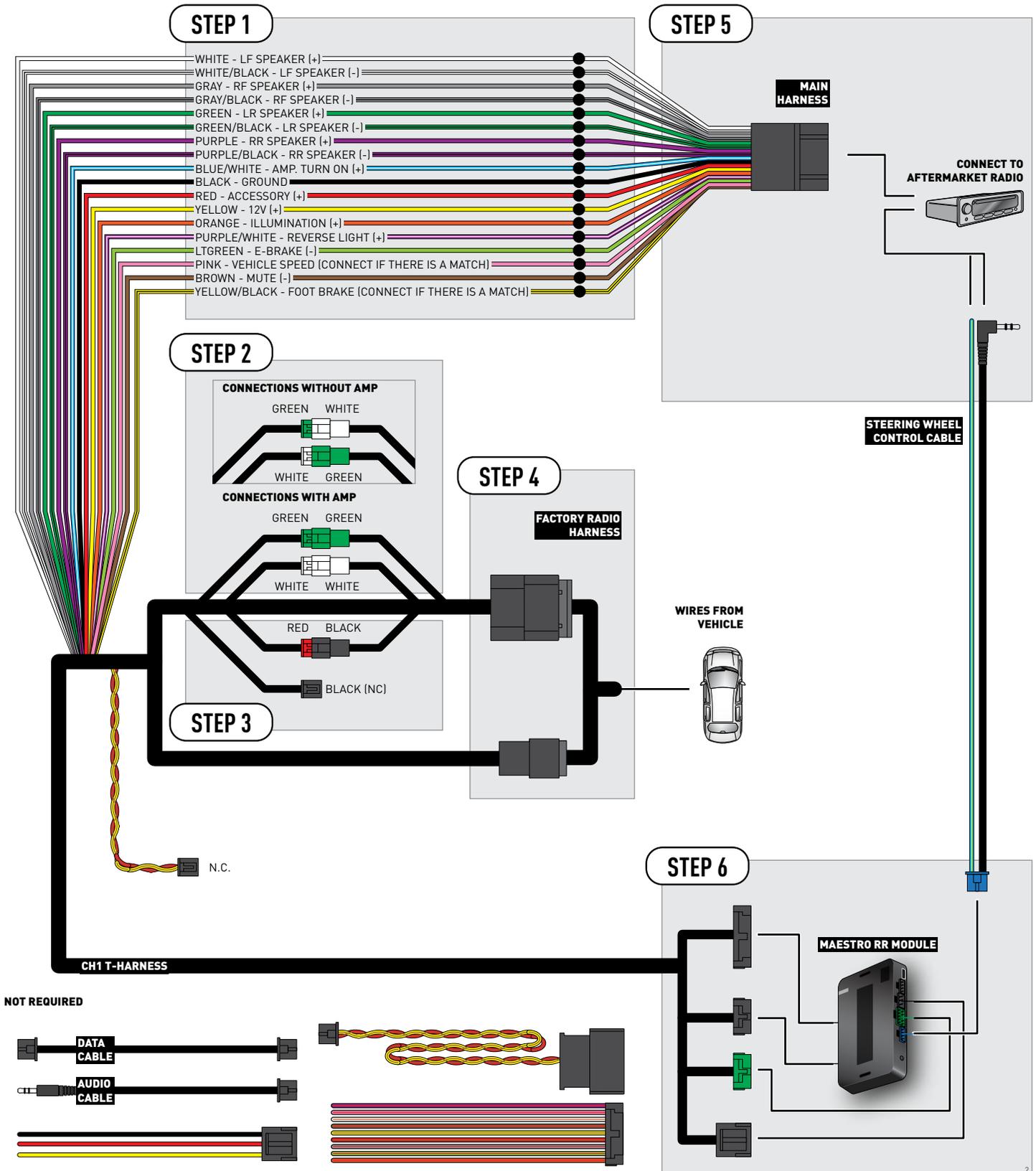
- Connect all the harnesses to the Maestro RR module.

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

Reassemble the dashboard carefully.

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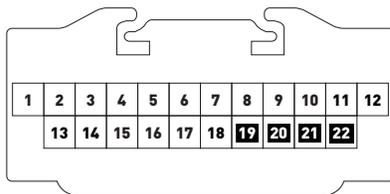


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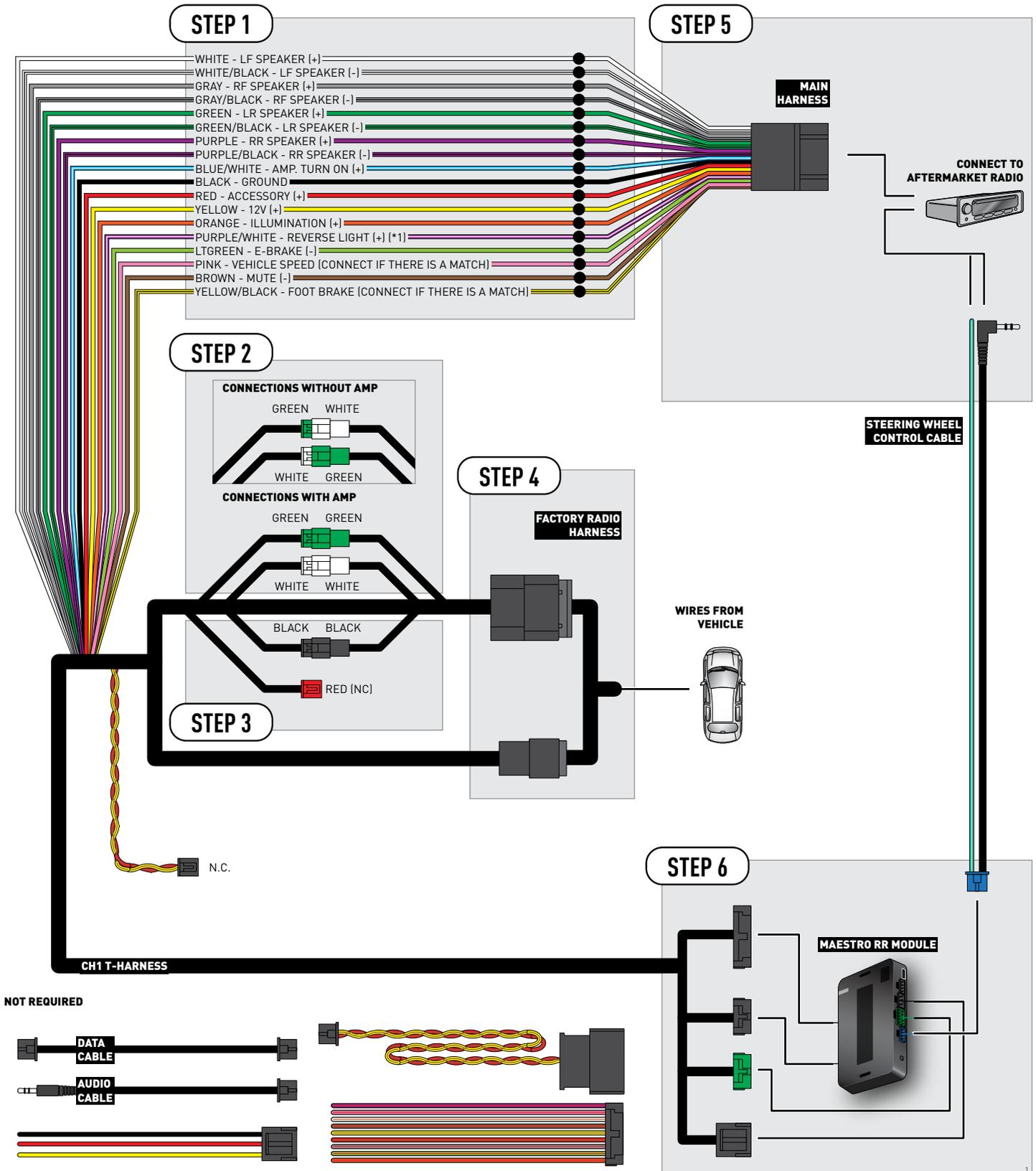
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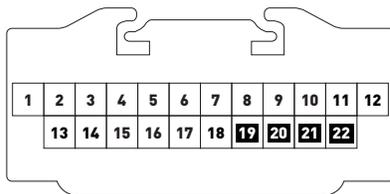


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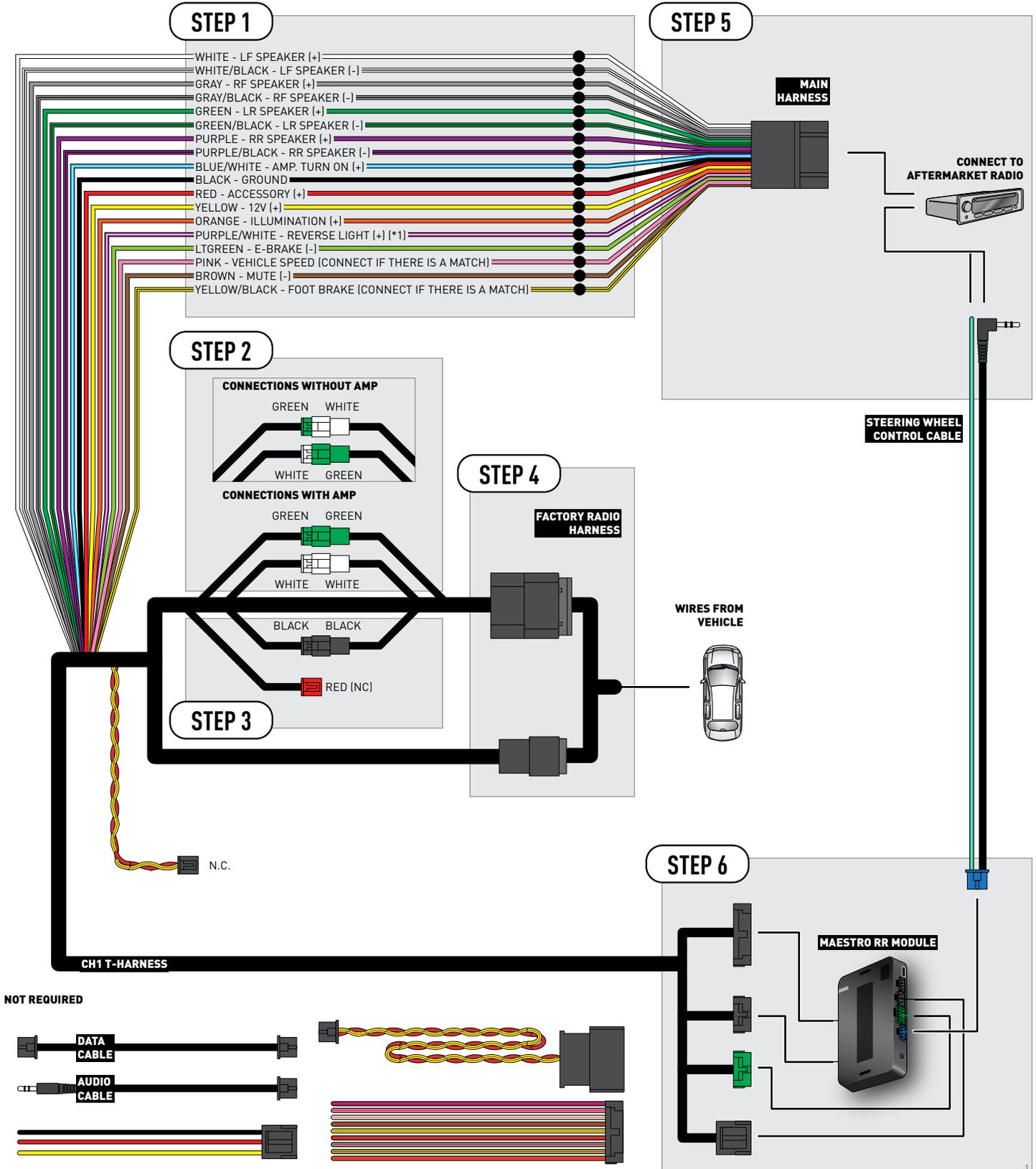
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Phone: 1-866-427-2999

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.

RETAINS STEERING WHEEL CONTROLS AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

HRN-AV-CH1

WELCOME

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NEED HELP?

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INSTALLATION INSTRUCTIONS

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 CH1 T-harness and match the wire functions.

STEP 2

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

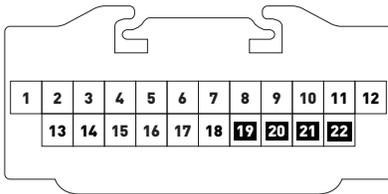


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If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

STEP 3

- Plug the female RED connector to the male BLACK connector.

STEP 4

- Connect the factory harness to the CH1 T-harness.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

STEP 6

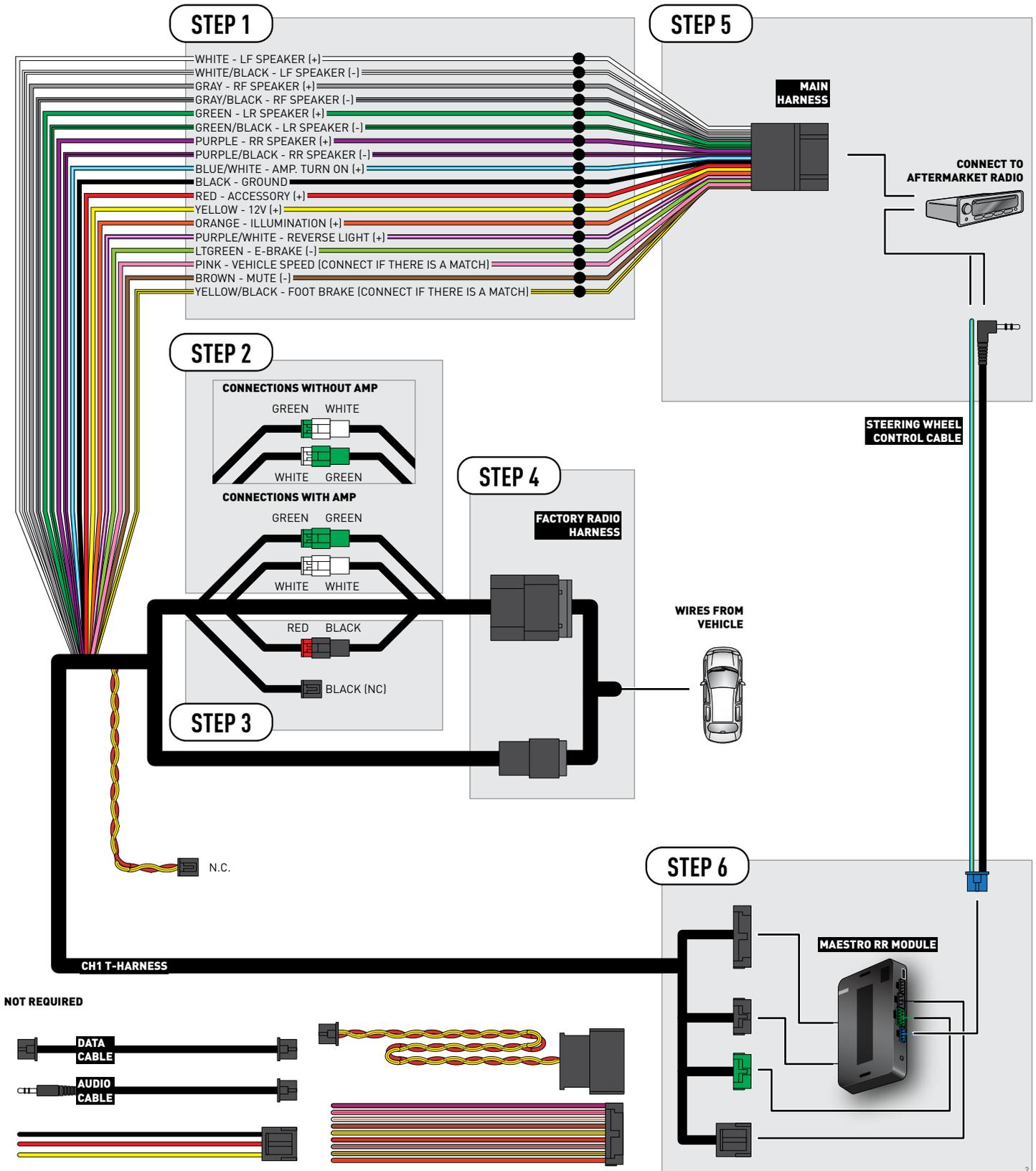
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	<p>Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).</p> <p>Refer to radio's owners manual to verify if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset</p>

MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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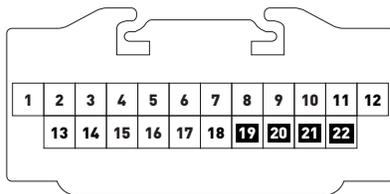


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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
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STEP 3

- Plug the female RED connector to the male BLACK connector.

STEP 4

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STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
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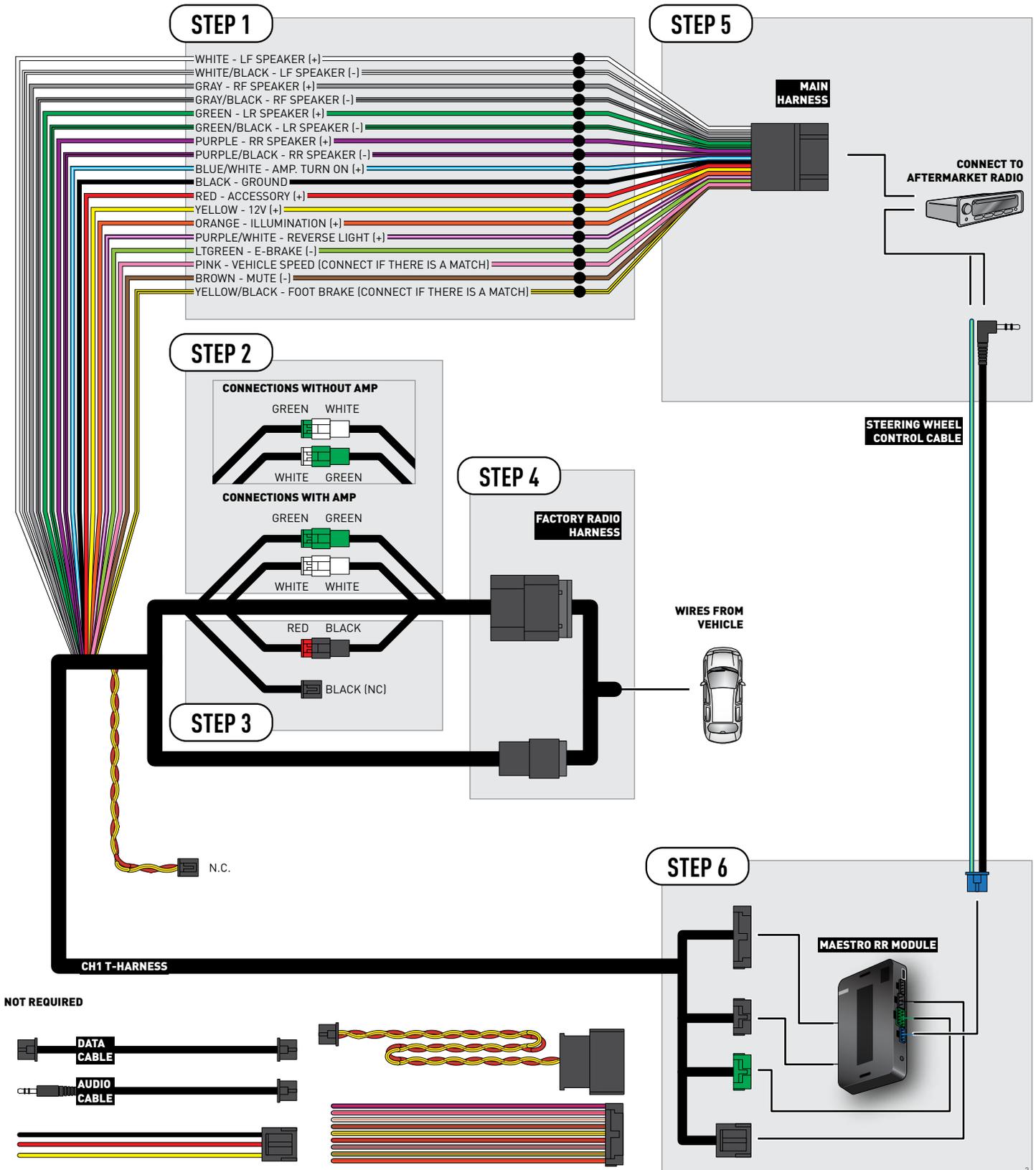
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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PRODUCTS REQUIRED

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PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

HRN-AV-CH1

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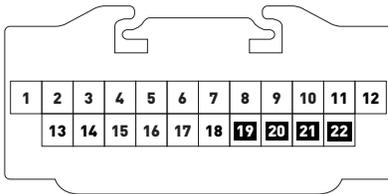


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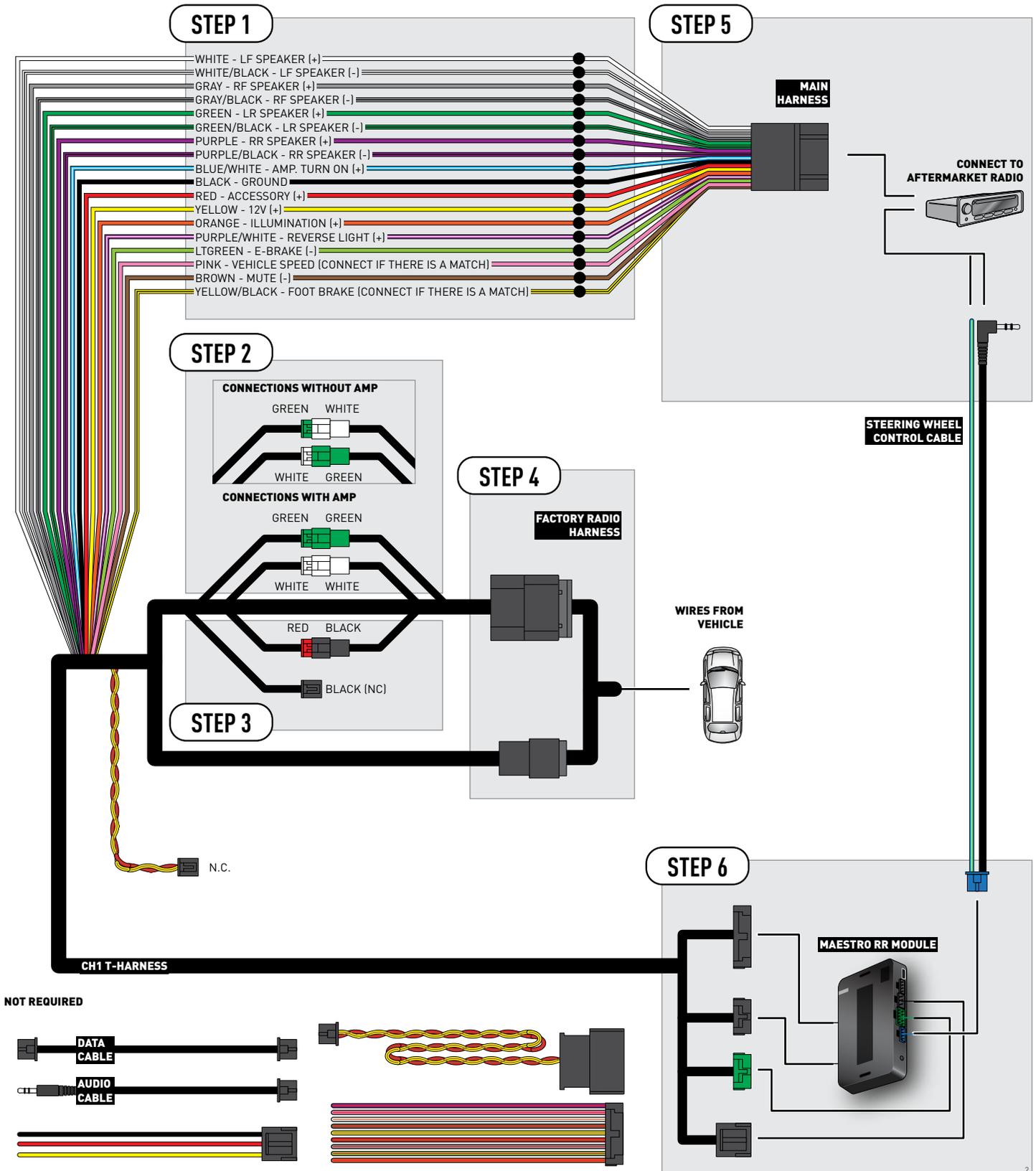
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

HRN-AV-CH1

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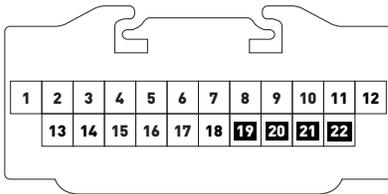


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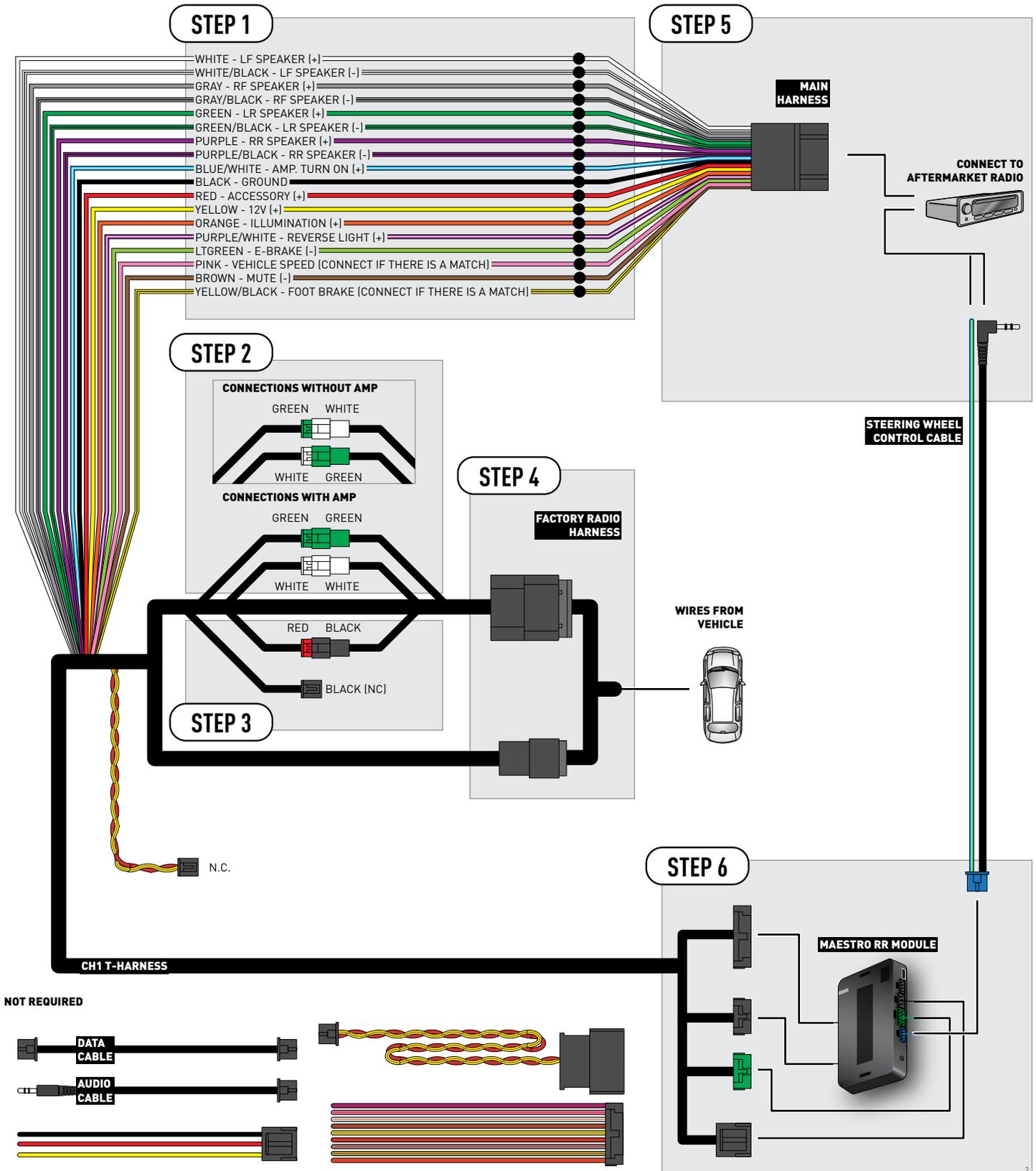
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

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OPTIONAL ACCESSORIES

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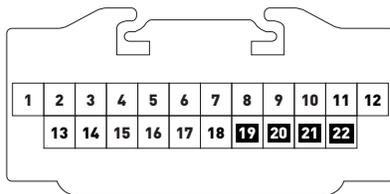


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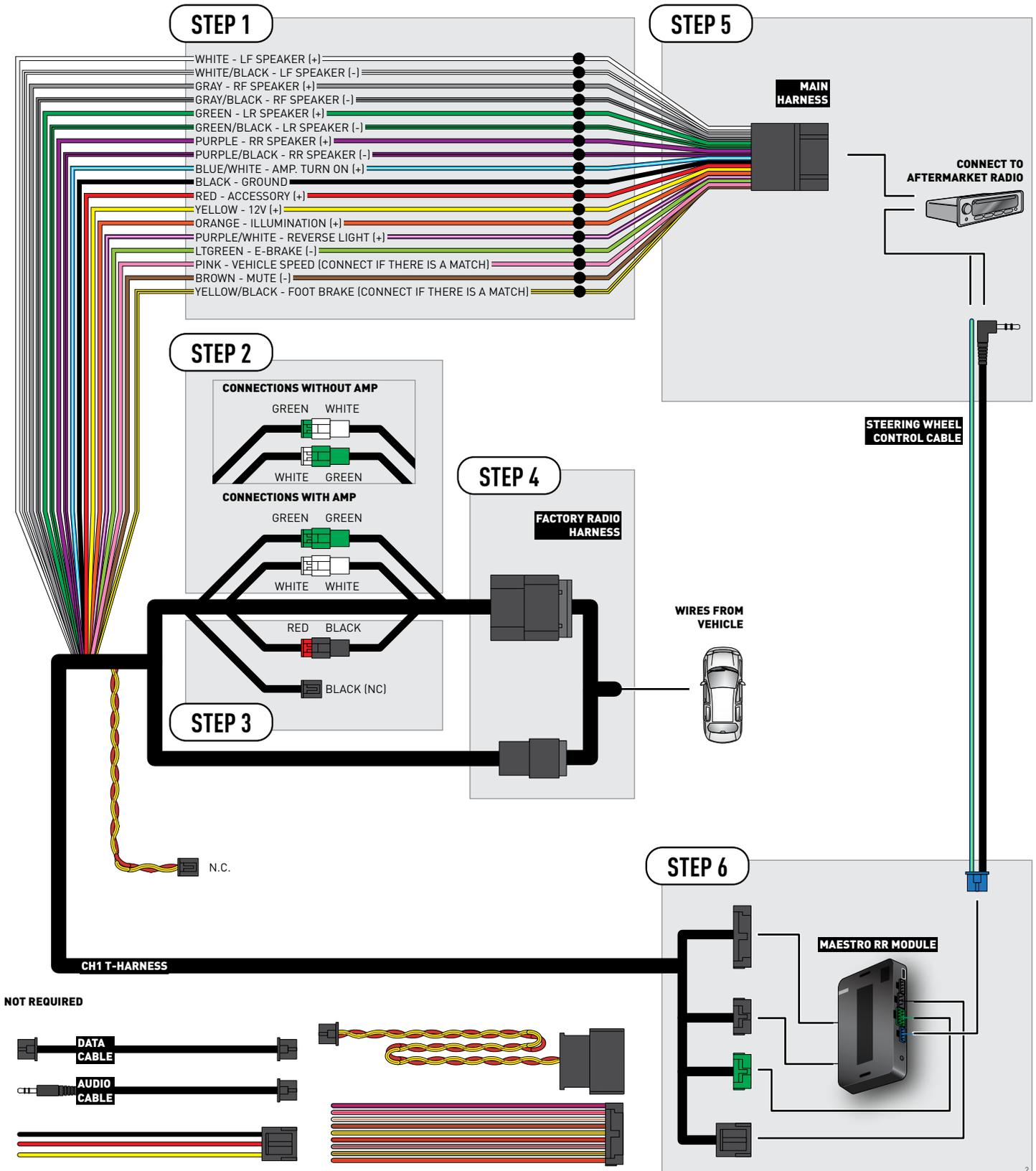
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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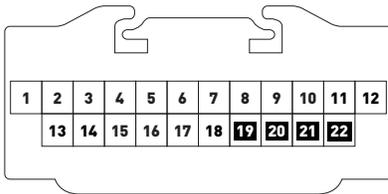


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- Plug the female BLACK connector to the male BLACK connector.

STEP 4

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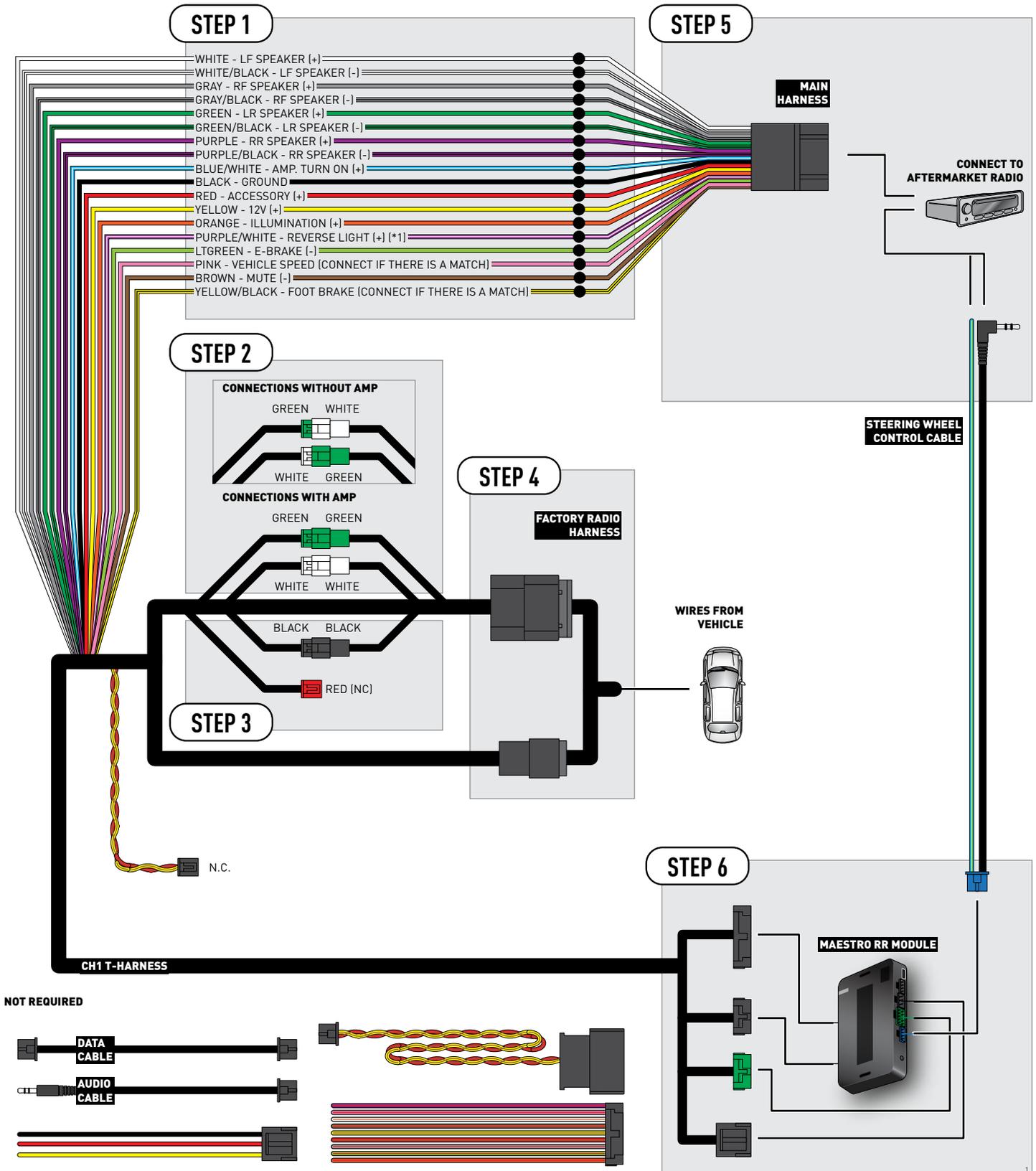
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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

NEED HELP?

 1 866 427-2999

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INSTALLATION INSTRUCTIONS

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 CH1 T-harness and match the wire functions.

STEP 2

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

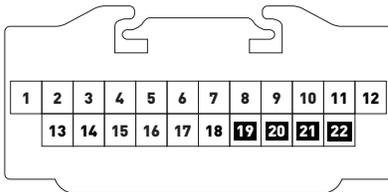


Fig. 2.1

If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

STEP 3

- Plug the female RED connector to the male BLACK connector.

STEP 4

- Connect the factory harness to the CH1 T-harness.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

STEP 6

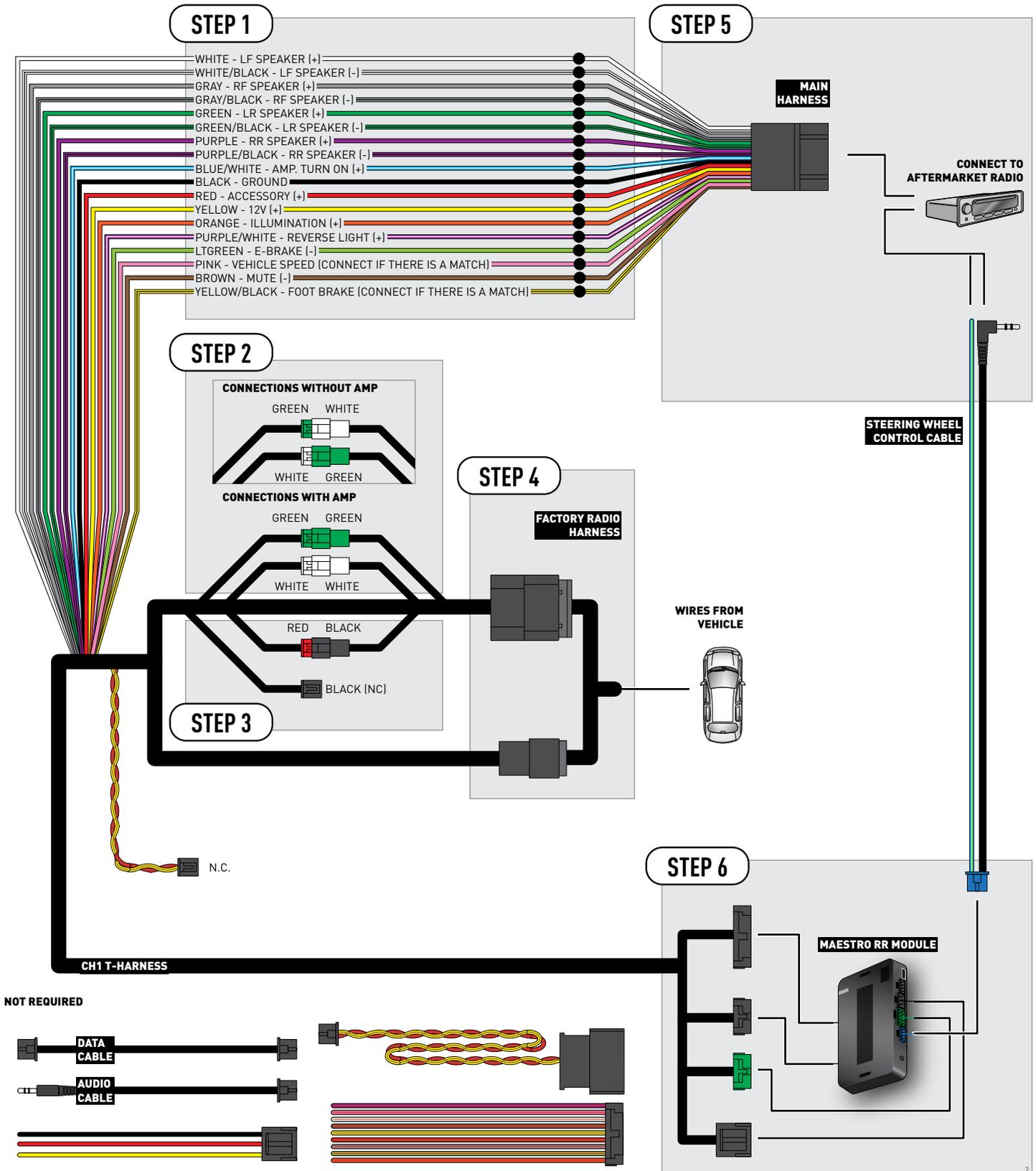
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
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MAESTRO RR RESET PROCEDURE:

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RETAINS STEERING WHEEL CONTROLS AND MORE!



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PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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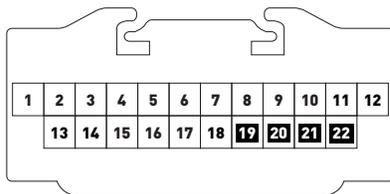


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- Plug the female BLACK connector to the male BLACK connector.

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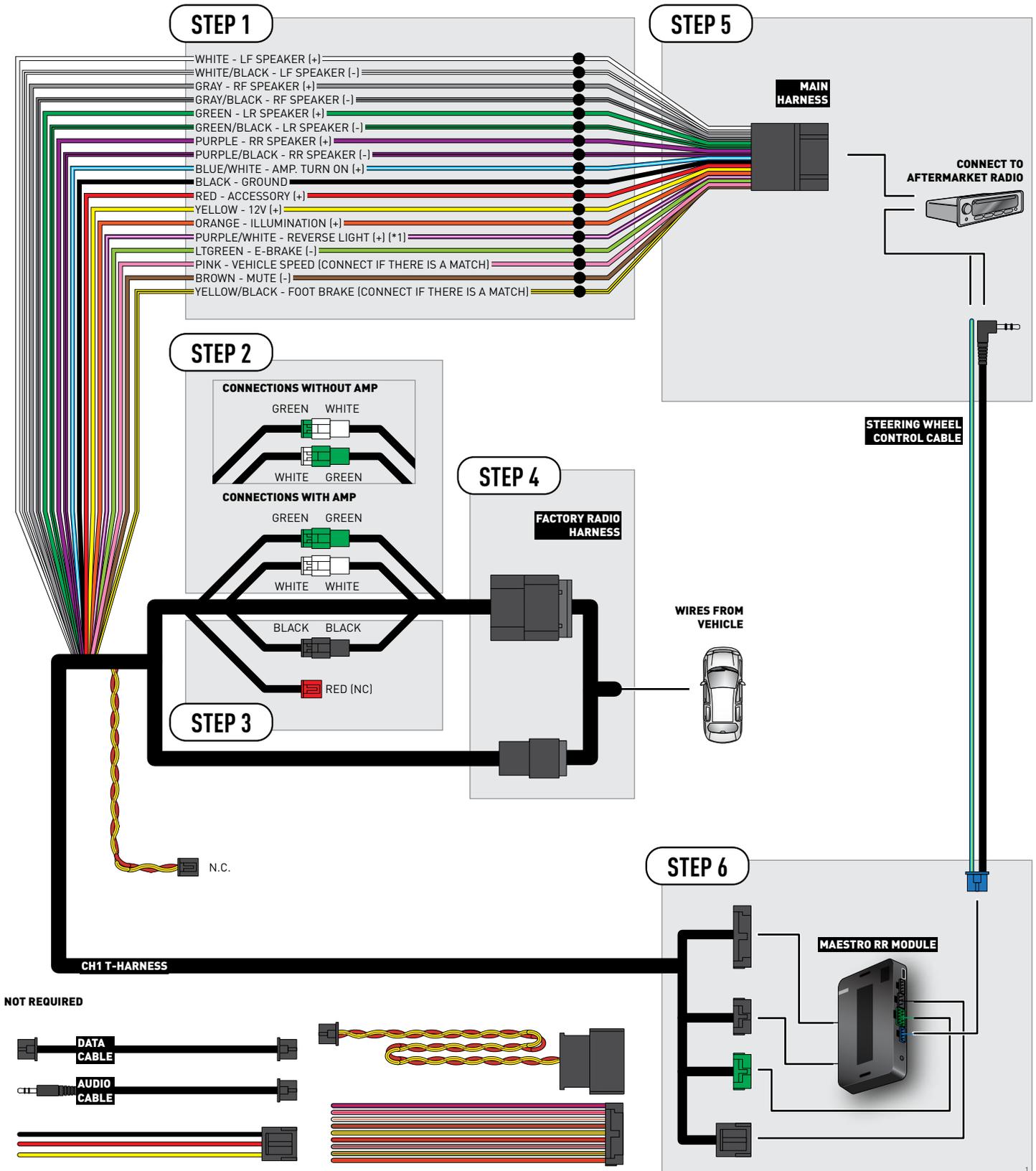
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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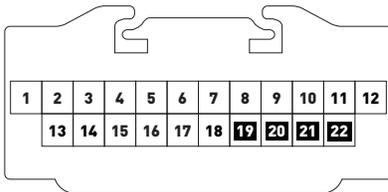


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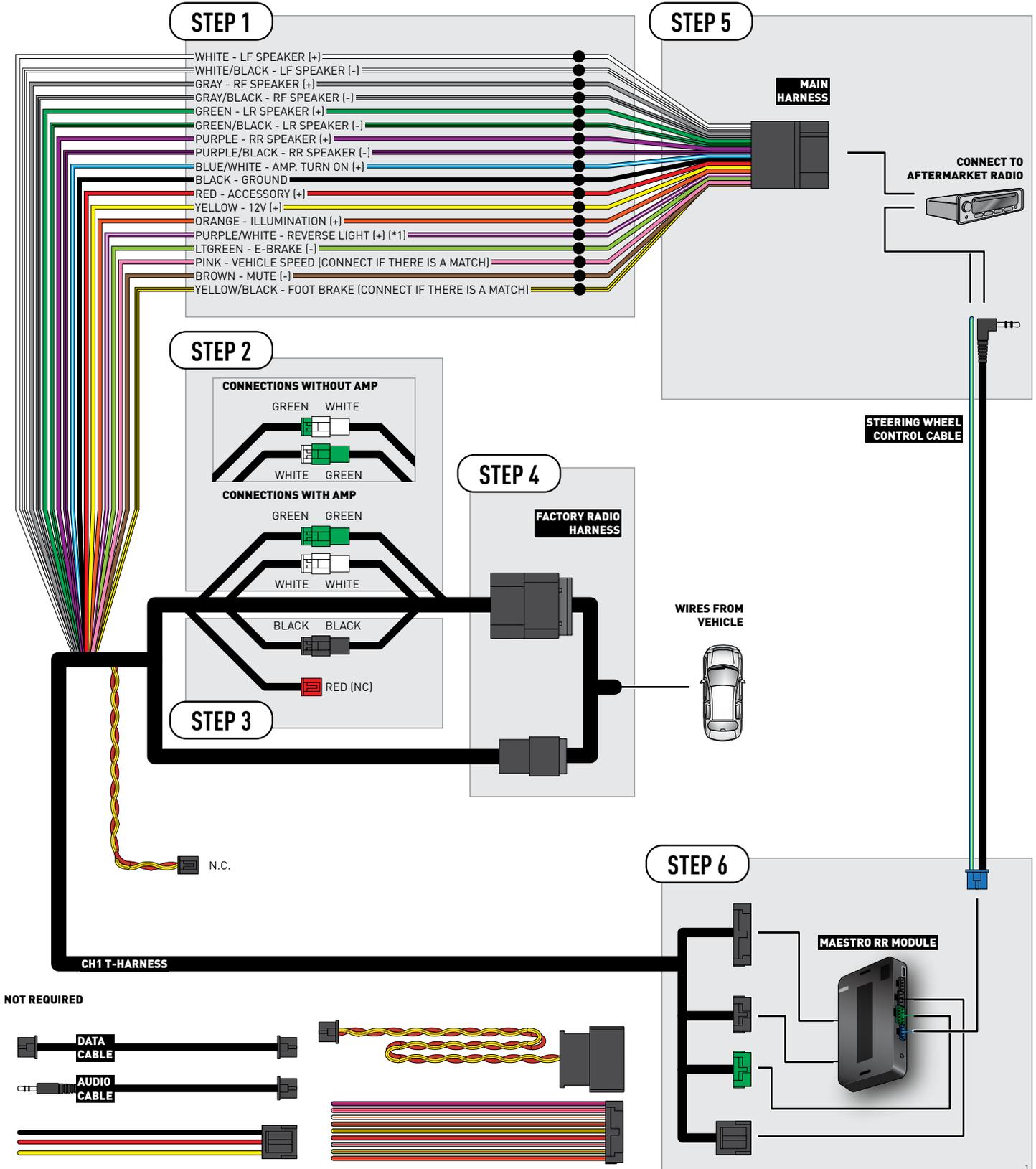
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Reassemble the dashboard carefully.

WIRING DIAGRAM



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PROGRAMMED FIRMWARE

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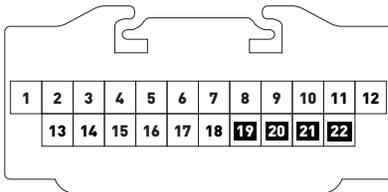


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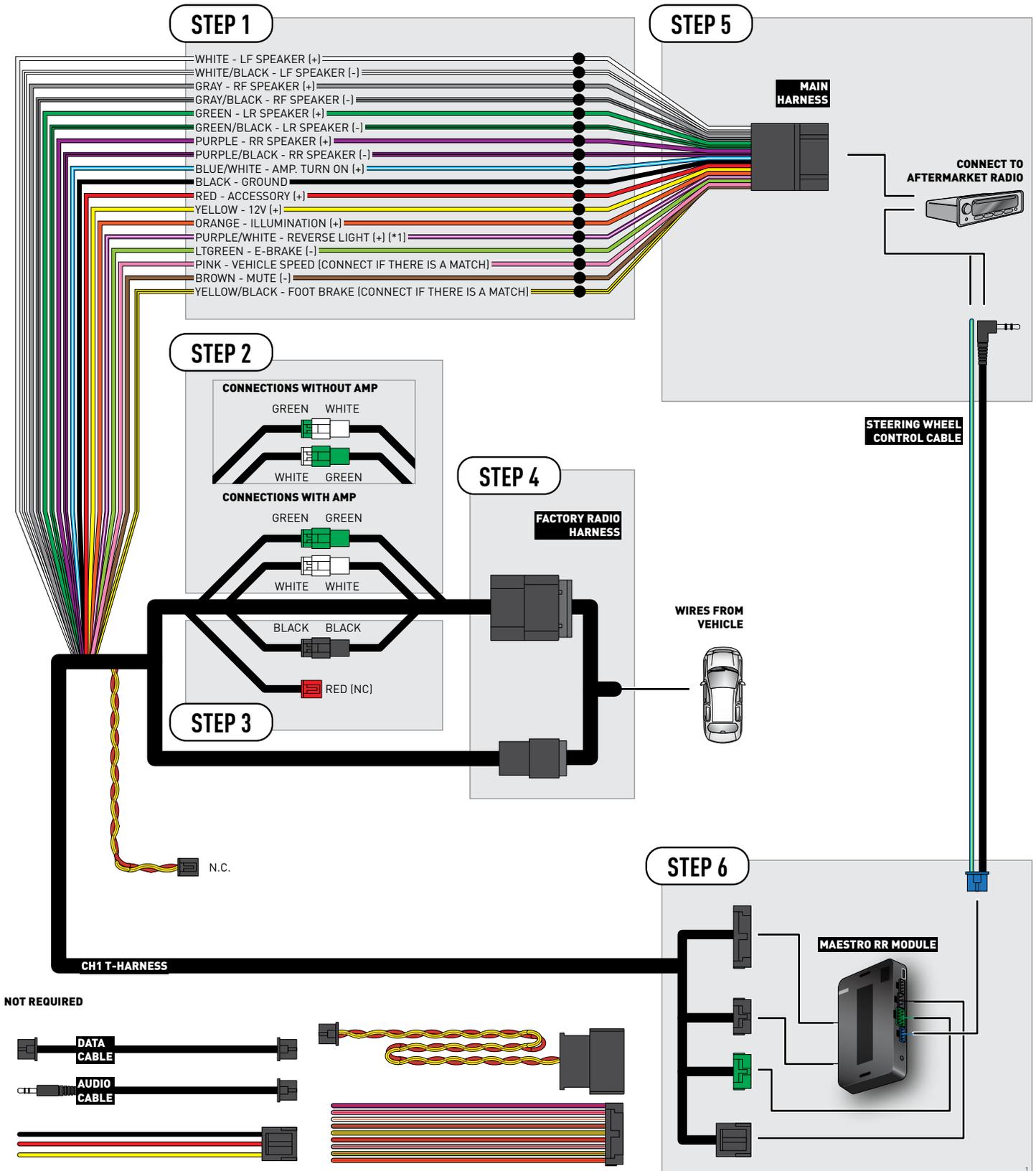
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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PROGRAMMED FIRMWARE

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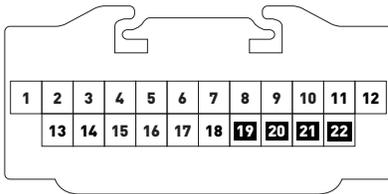


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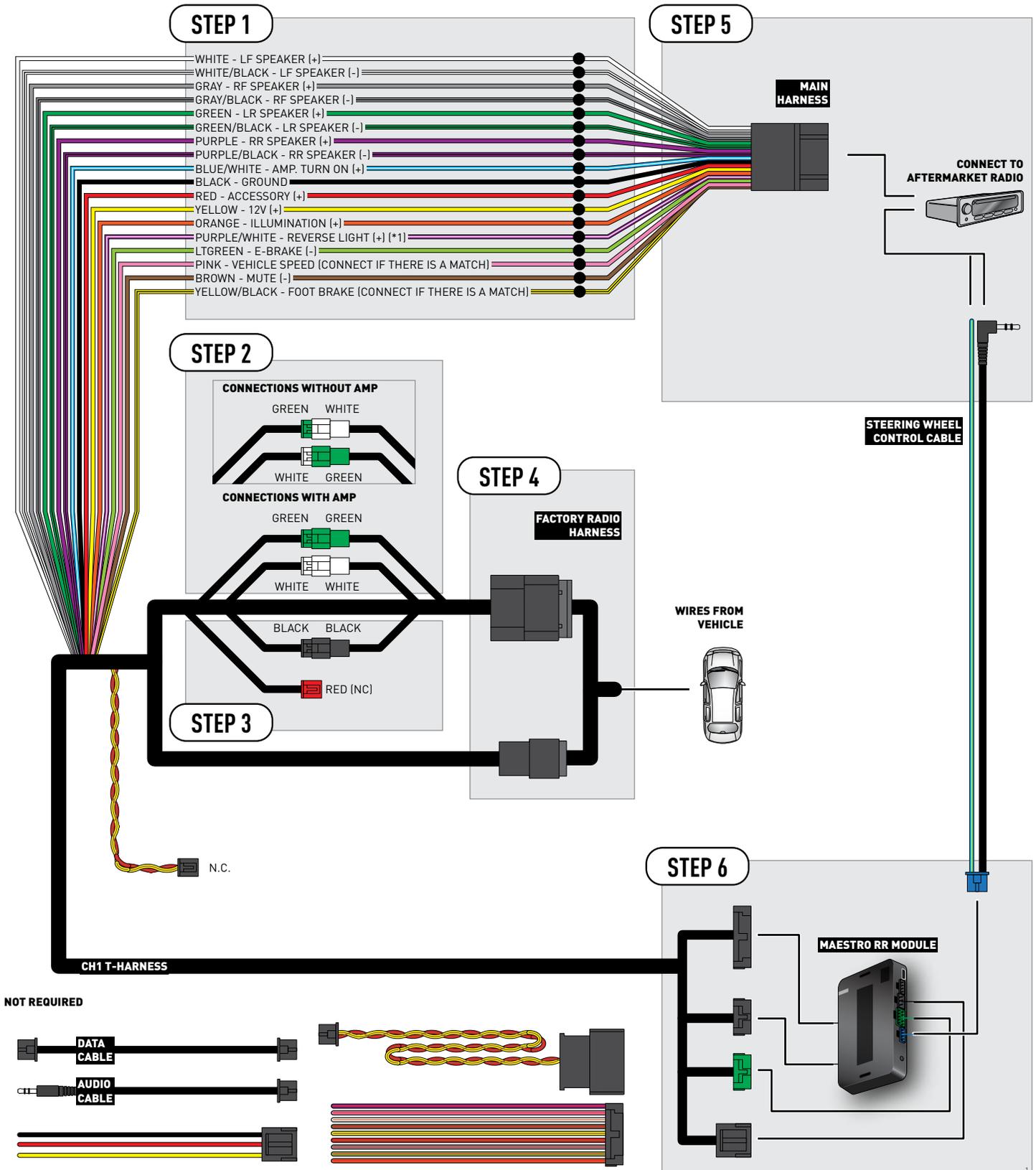
- Connect all the harnesses to the Maestro RR module.

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.

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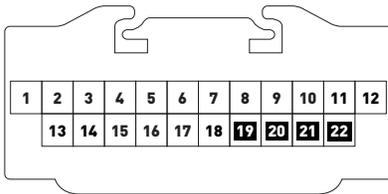


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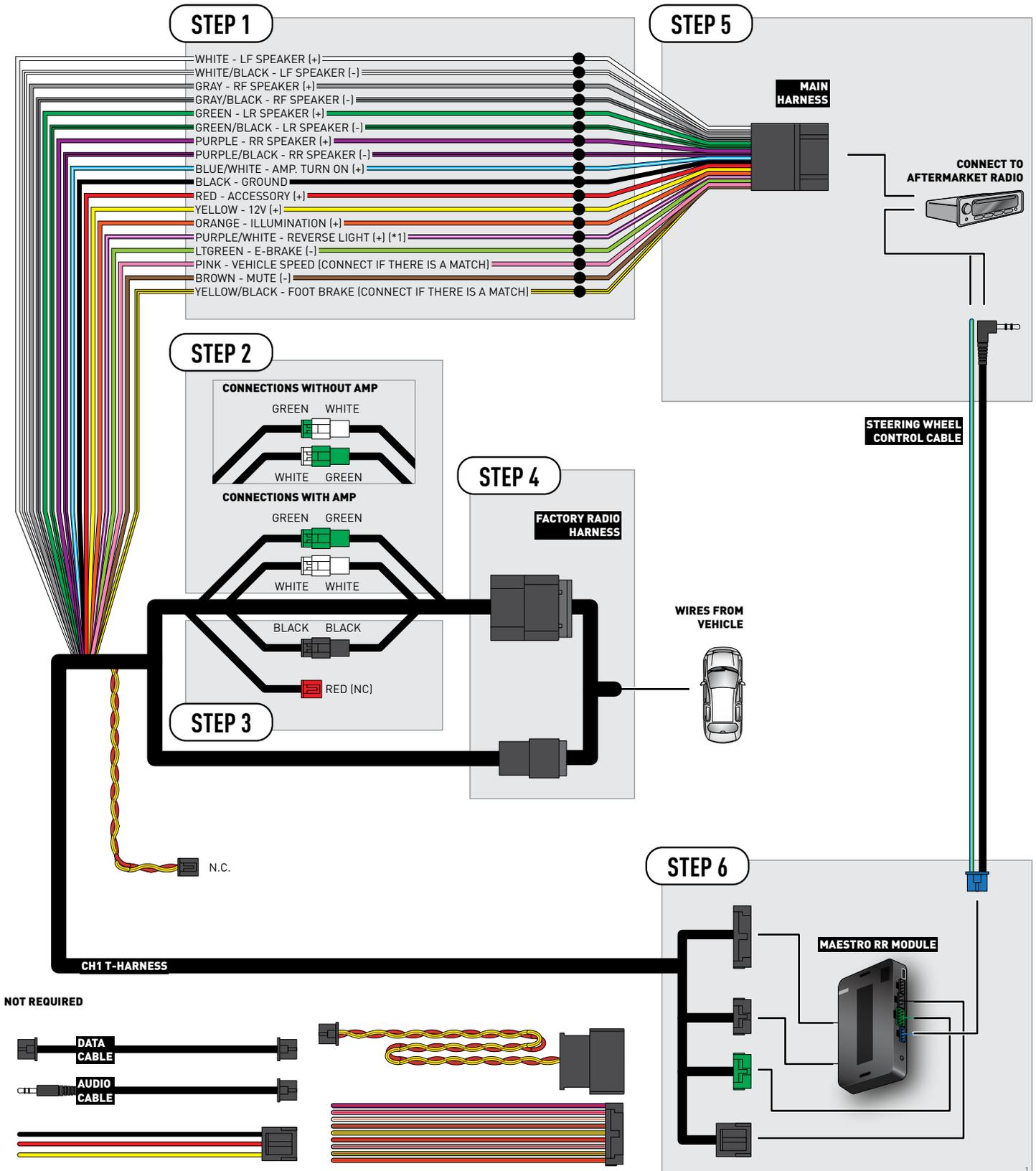
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HRN-AV-CH1

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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

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INSTALLATION INSTRUCTIONS

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 CH1 T-harness and match the wire functions.

STEP 2

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

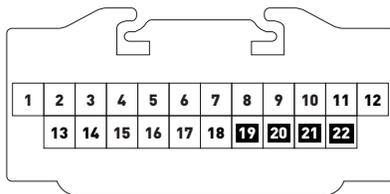


Fig. 2.1

If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

STEP 3

- Plug the female RED connector to the male BLACK connector.

STEP 4

- Connect the factory harness to the CH1 T-harness.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

STEP 6

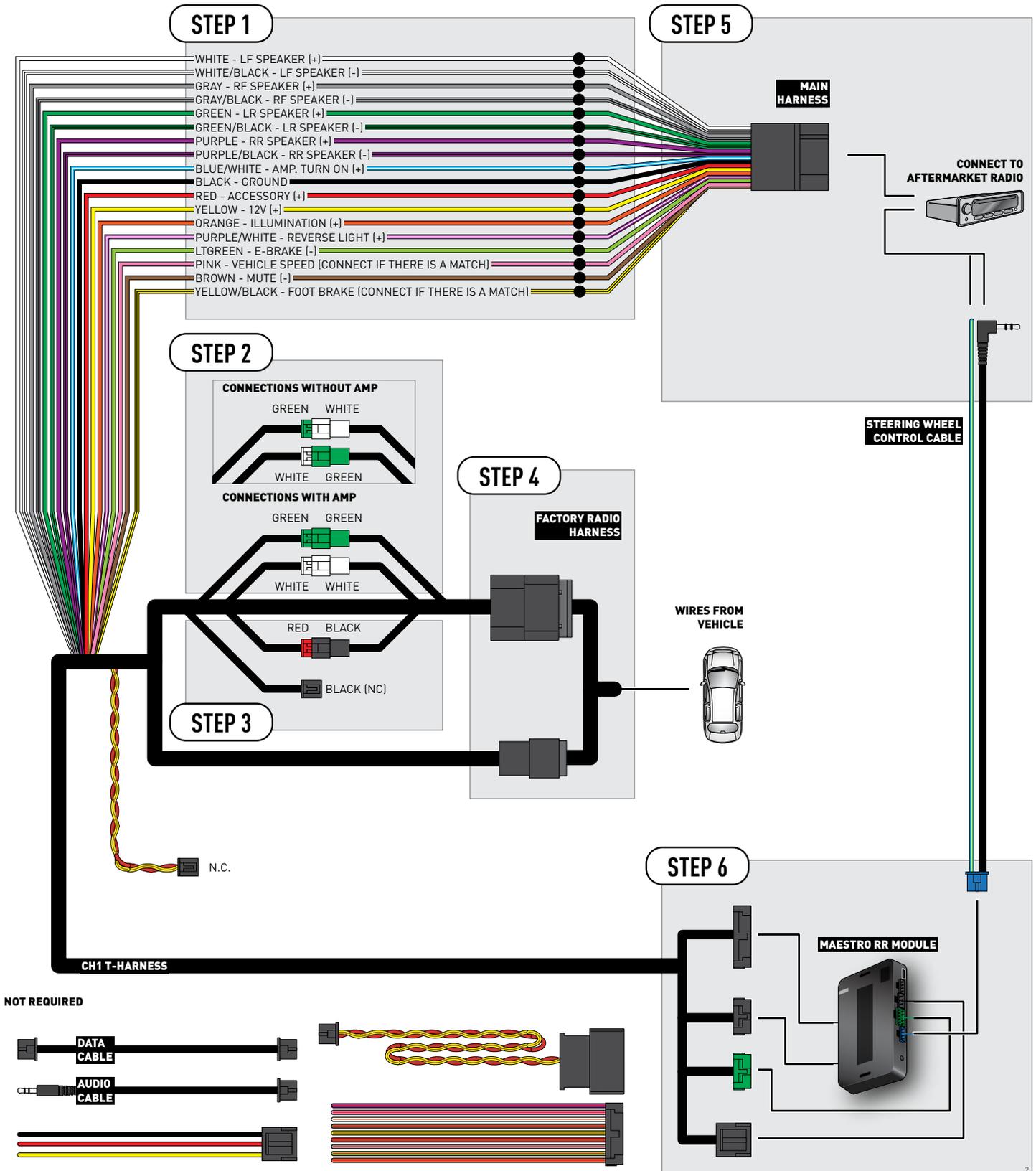
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
There isn't a connector in the dash for the 10 pin gray plug of the t-harness.	That is fine. Not every vehicle will have it, and it's not essential for proper radio operation.
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.
When a button on the steering wheel is pressed, the light on the Maestro module blinks but the radio does not respond.	<p>Ensure the blue 4-pin steering wheel control cable is connected between the maestro and the radio (the radio will use either the 3.5mm jack or the Blue/Yellow wire, not both).</p> <p>Refer to radio's owners manual to verify if the radio has this function: Steering Wheel Control (ON/OFF) : choose ON. or Steering Wheel Control (Custom/Preset): choose Preset</p>

MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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TECHNICAL ASSISTANCE

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RETAINS STEERING WHEEL CONTROLS AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR or RR2 Radio Replacement Interface

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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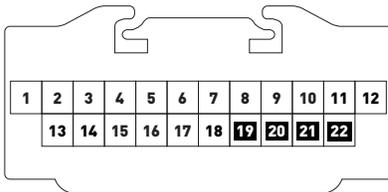


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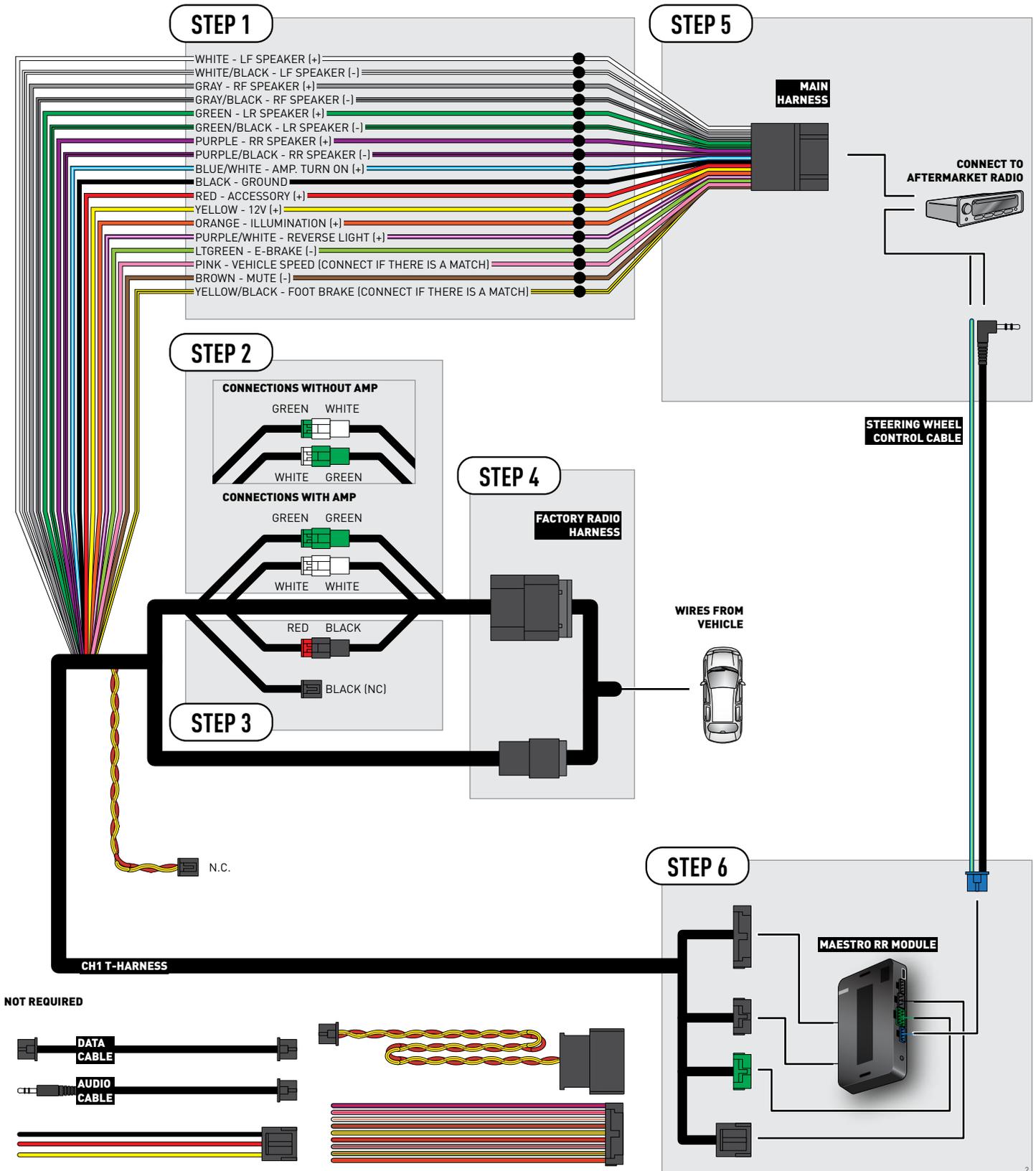
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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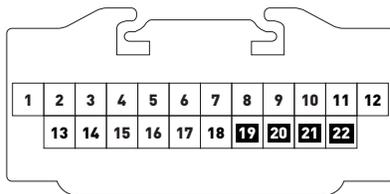


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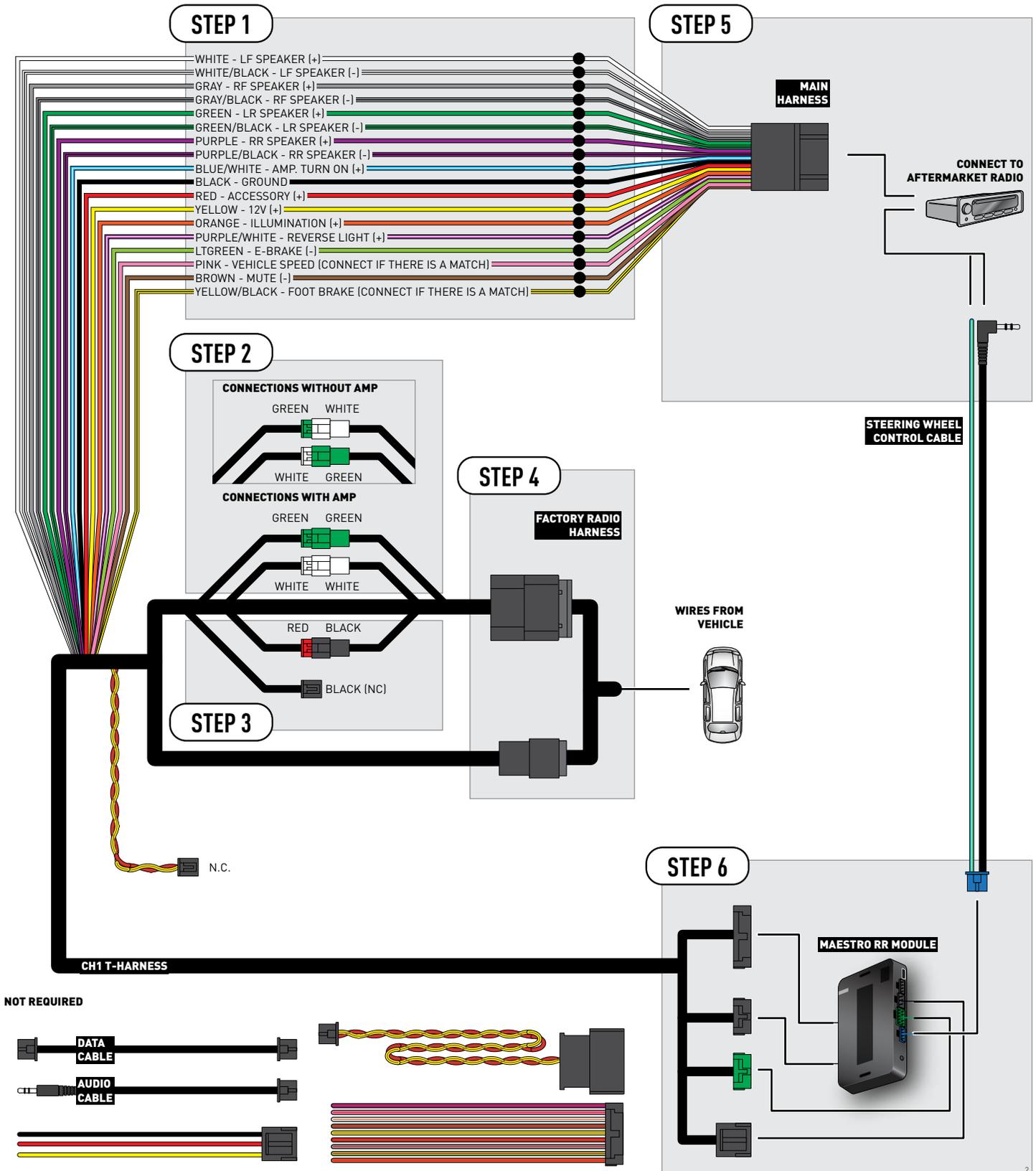
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PROGRAMMED FIRMWARE

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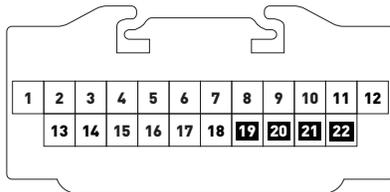


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STEP 3

- Plug the female BLACK connector to the male BLACK connector.

STEP 4

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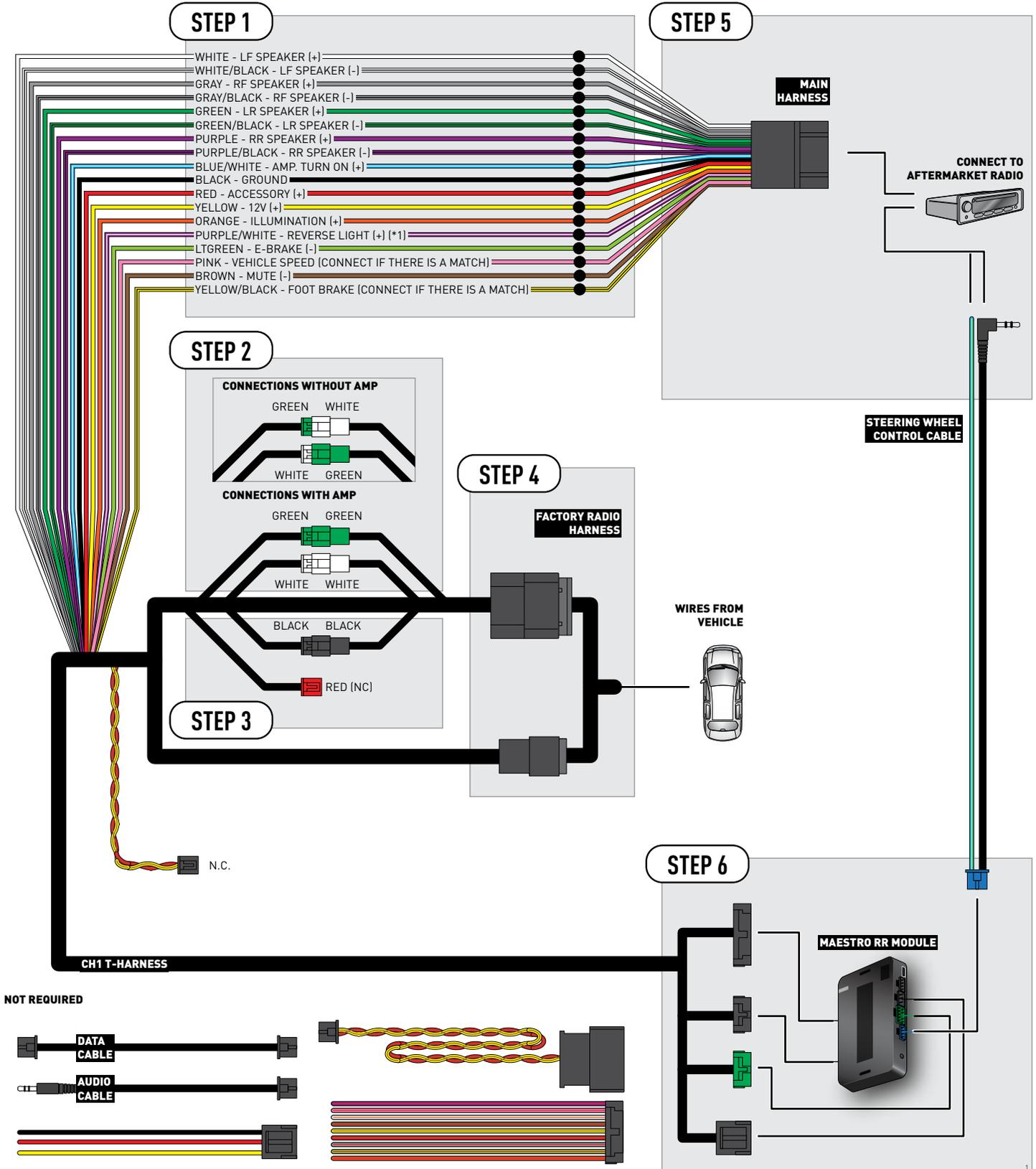
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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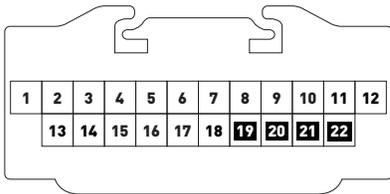


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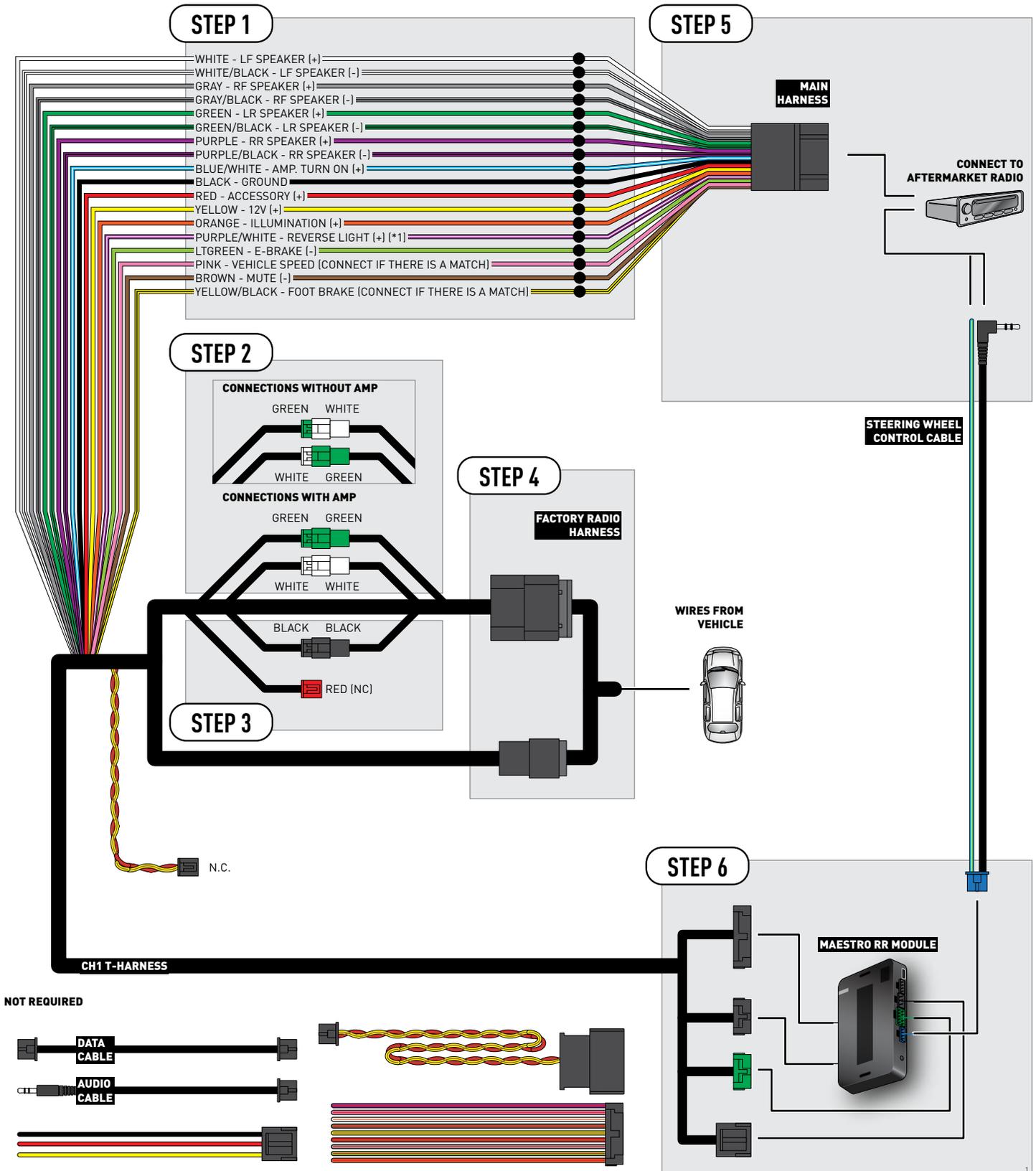
- Connect all the harnesses to the Maestro RR module.

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

Reassemble the dashboard carefully.

WIRING DIAGRAM



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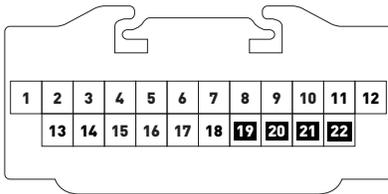


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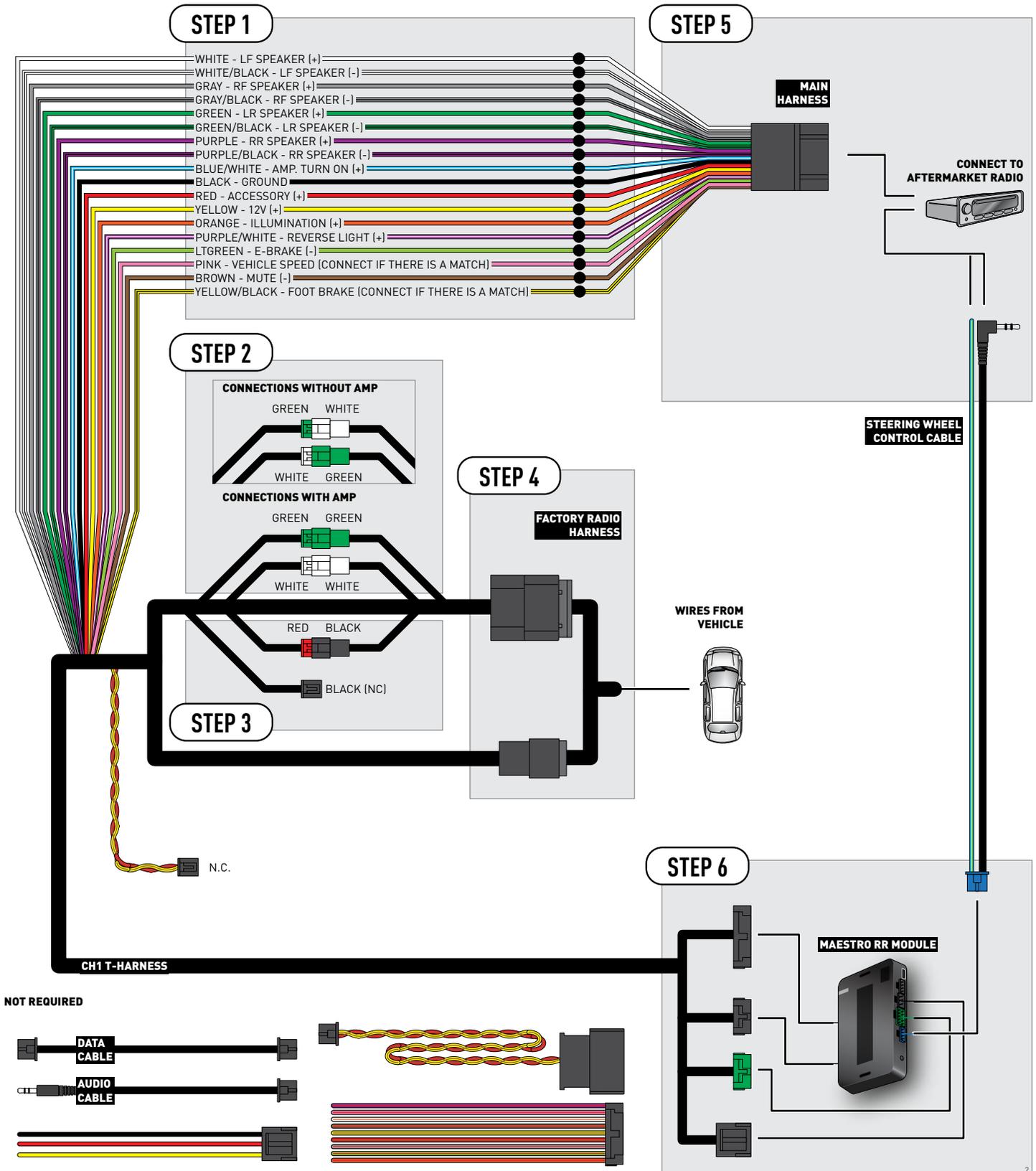
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Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

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

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INSTALLATION INSTRUCTIONS

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 CH1 T-harness and match the wire functions.

STEP 2

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

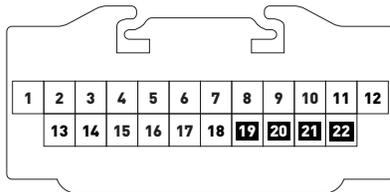


Fig. 2.1

If you don't have wires in PIN 19, 20, 21 and 22, you have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH1 T-harness.
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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
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STEP 3

- Plug the female BLACK connector to the male BLACK connector.

STEP 4

- Connect the factory harness to the CH1 T-harness.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

STEP 6

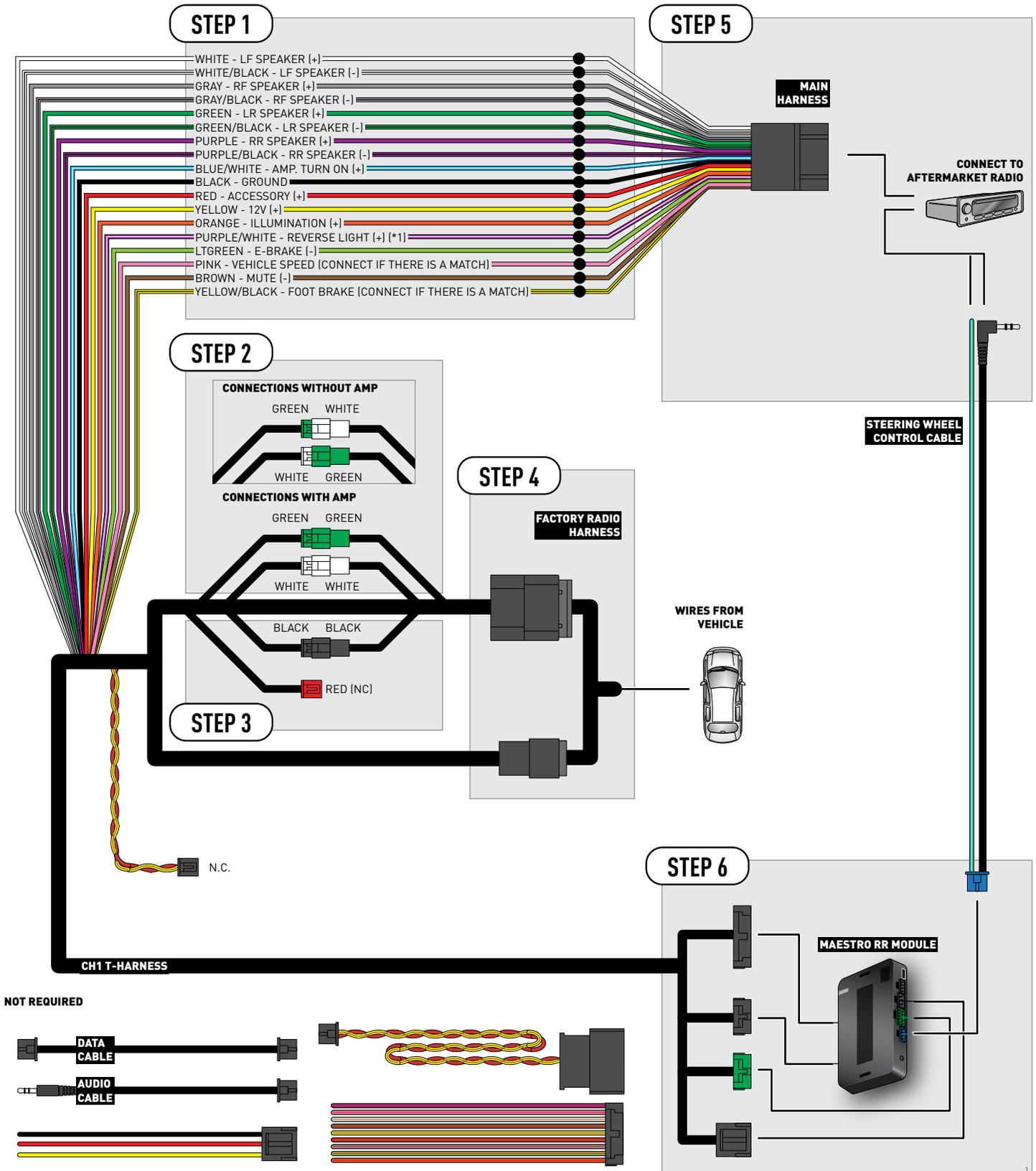
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin black and red connectors in the harness are connected correctly as stated in step 2.
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The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.
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MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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TECHNICAL ASSISTANCE

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RETAINS STEERING WHEEL CONTROLS AND MORE!



PRODUCTS REQUIRED

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PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR01-AS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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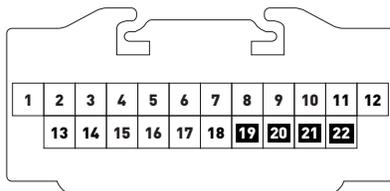


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- Plug the female GREEN connector to the male WHITE connector of your CH1 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH1 T-harness.

STEP 3

- Plug the female BLACK connector to the male BLACK connector.

STEP 4

- Connect the factory harness to the CH1 T-harness.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control cable to the aftermarket radio.

STEP 6

- To connect reverse camera, connect PURPLE/WHITE Reverse Light (+) wire from aftermarket radio to White/Gray wire in harness in passenger kick panel.

STEP 7

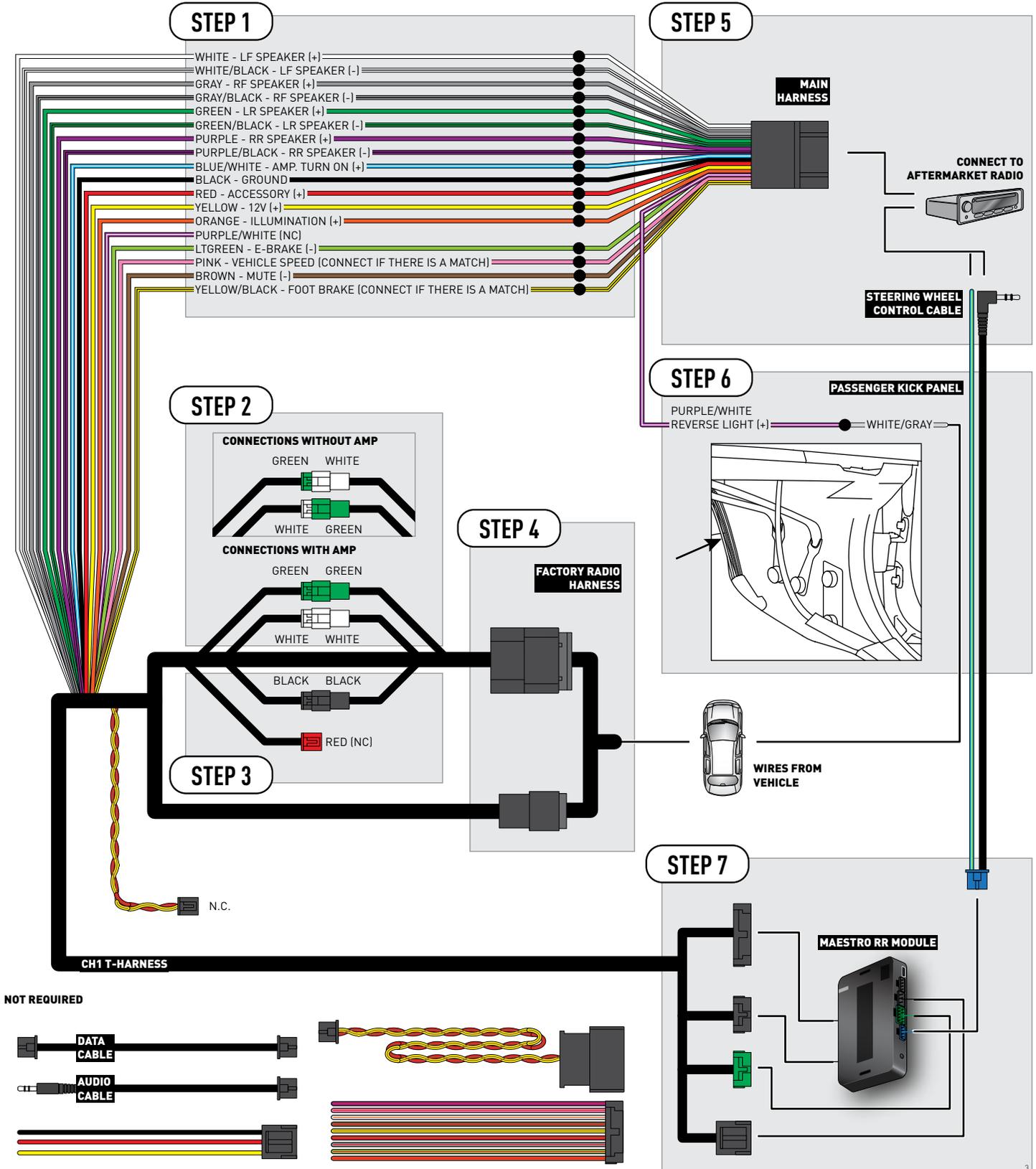
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



TROUBLESHOOTING TABLE

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When making a phone call you cannot hear the callers but they can hear you.	Switch the 4-pin green and white connectors in the t-harness.
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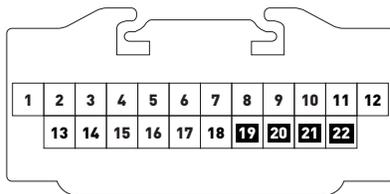


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- Plug the female RED connector to the male BLACK connector.

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- Plug the aftermarket radio harnesses into the aftermarket radio.
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STEP 6

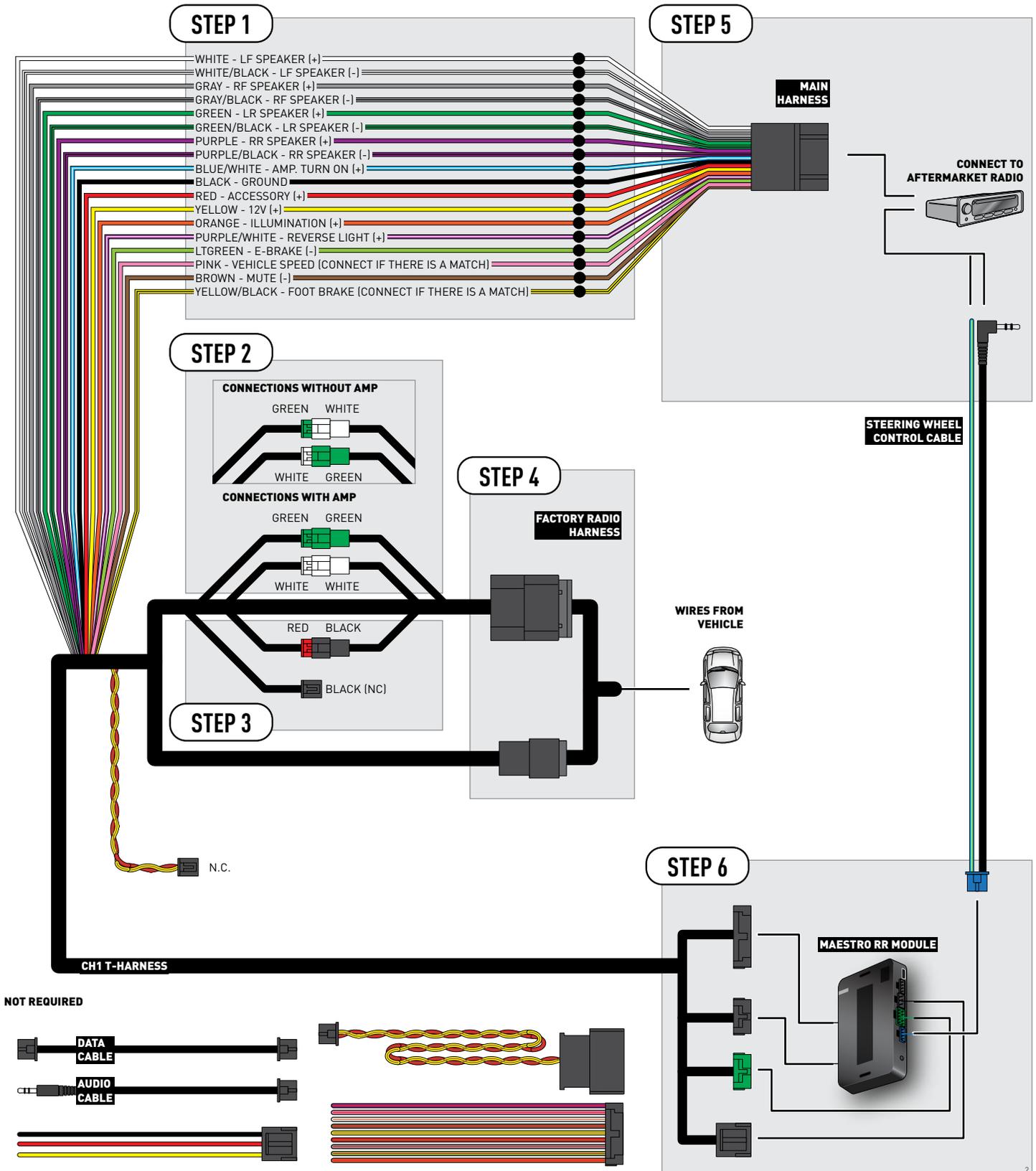
- Connect all the harnesses to the Maestro RR module.

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

Reassemble the dashboard carefully.

WIRING DIAGRAM



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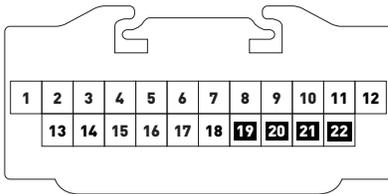


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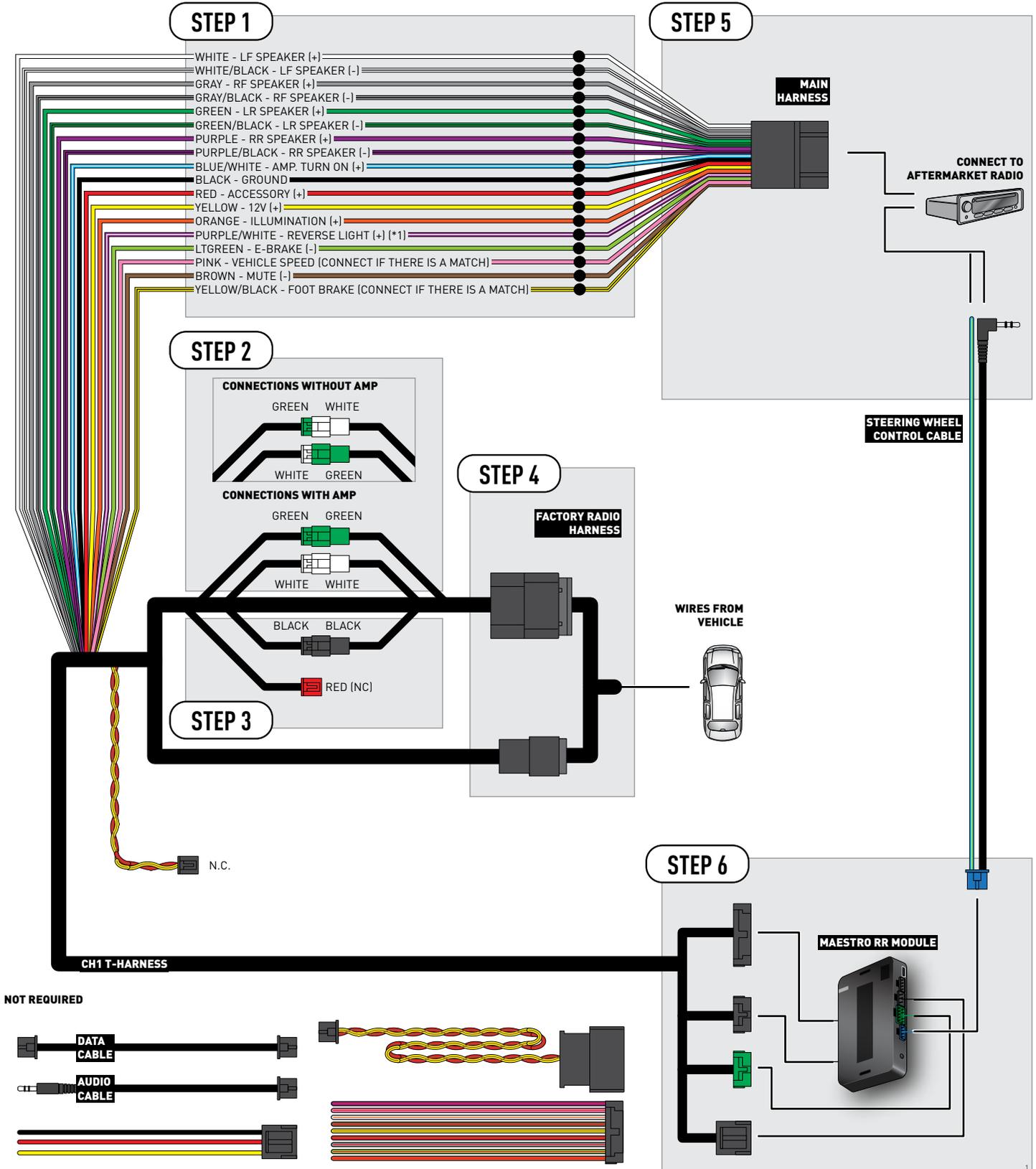
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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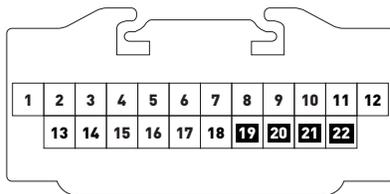


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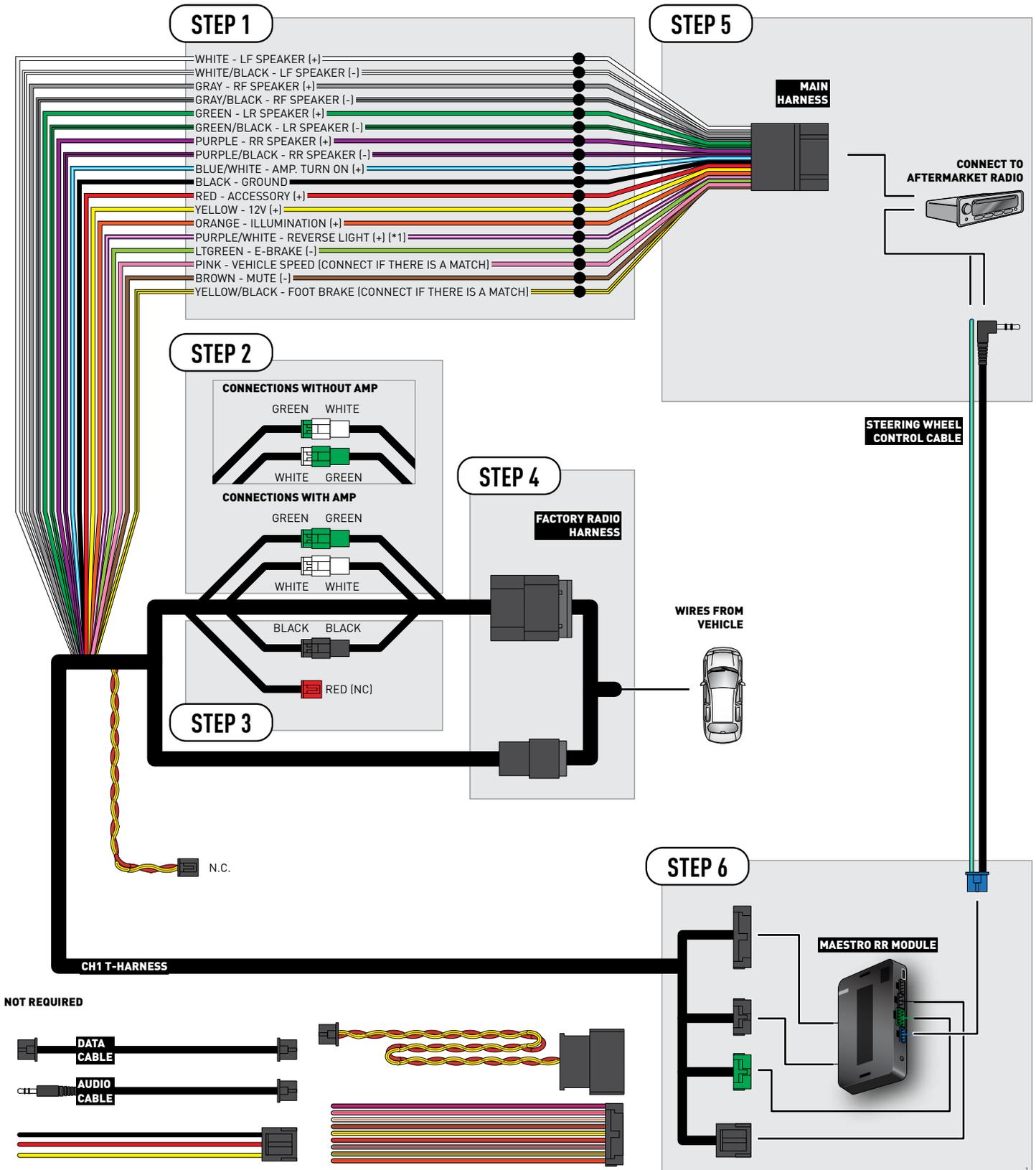
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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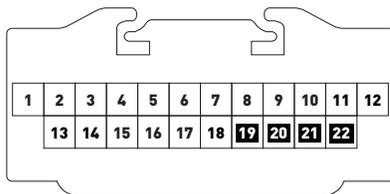


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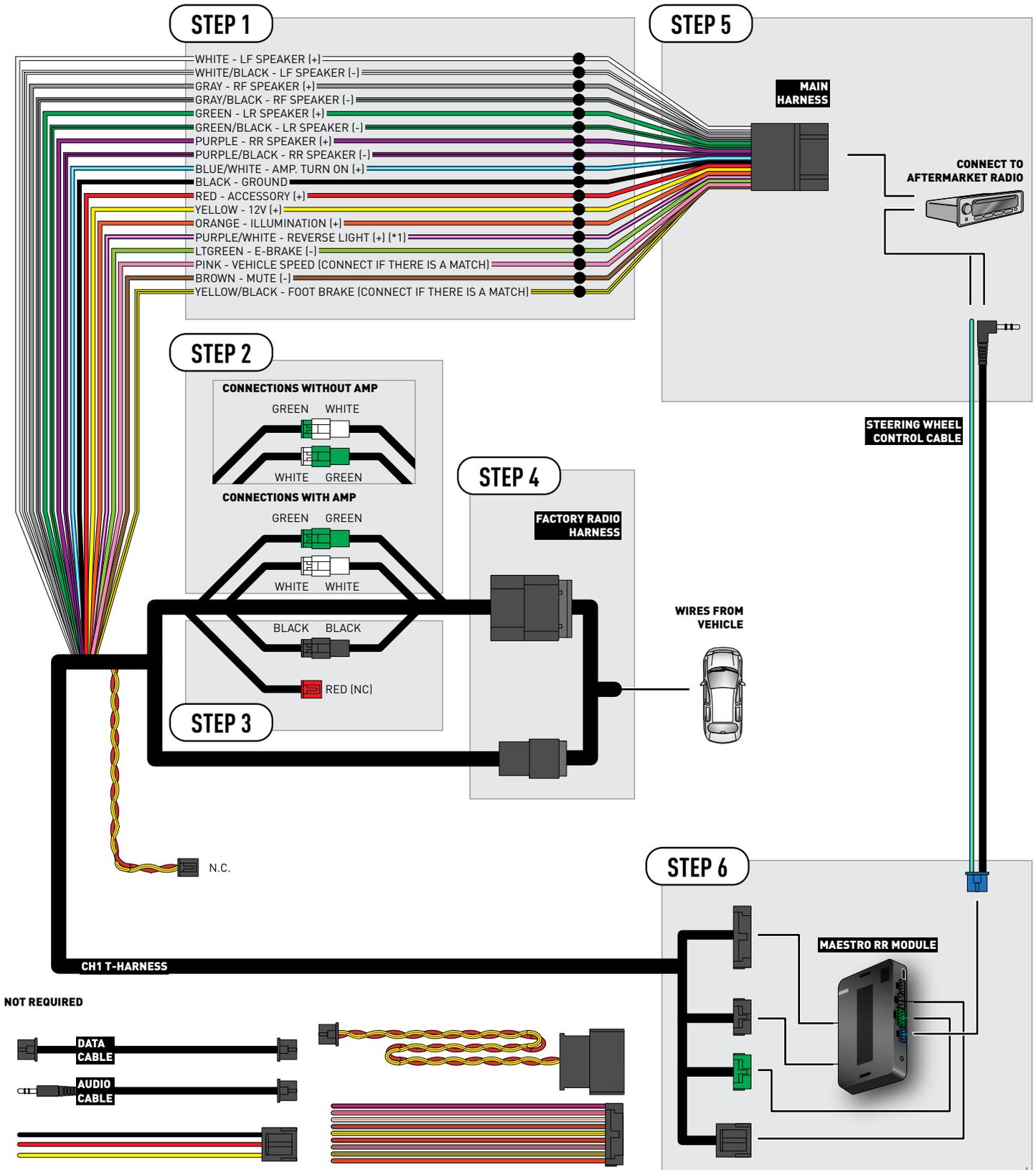
- Connect all the harnesses to the Maestro RR module.

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.

WIRING DIAGRAM



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