



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, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-T02 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

WELCOME

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NEED HELP?

 1 866 427-2999

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INSTALLATION INSTRUCTIONS

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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the T02 T-harness and match the wire functions.
- Remove the factory radio.

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- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

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- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
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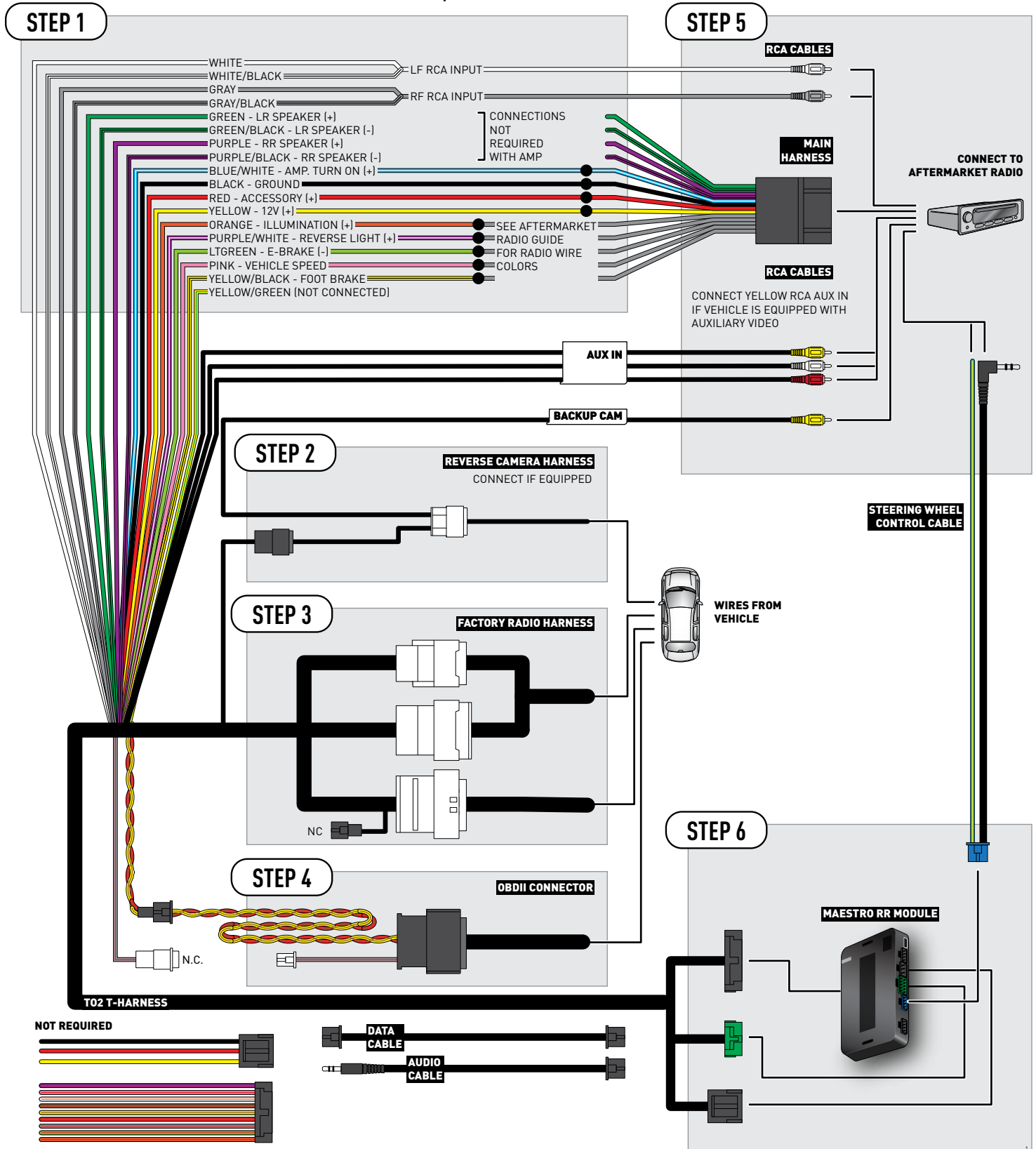
STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
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STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
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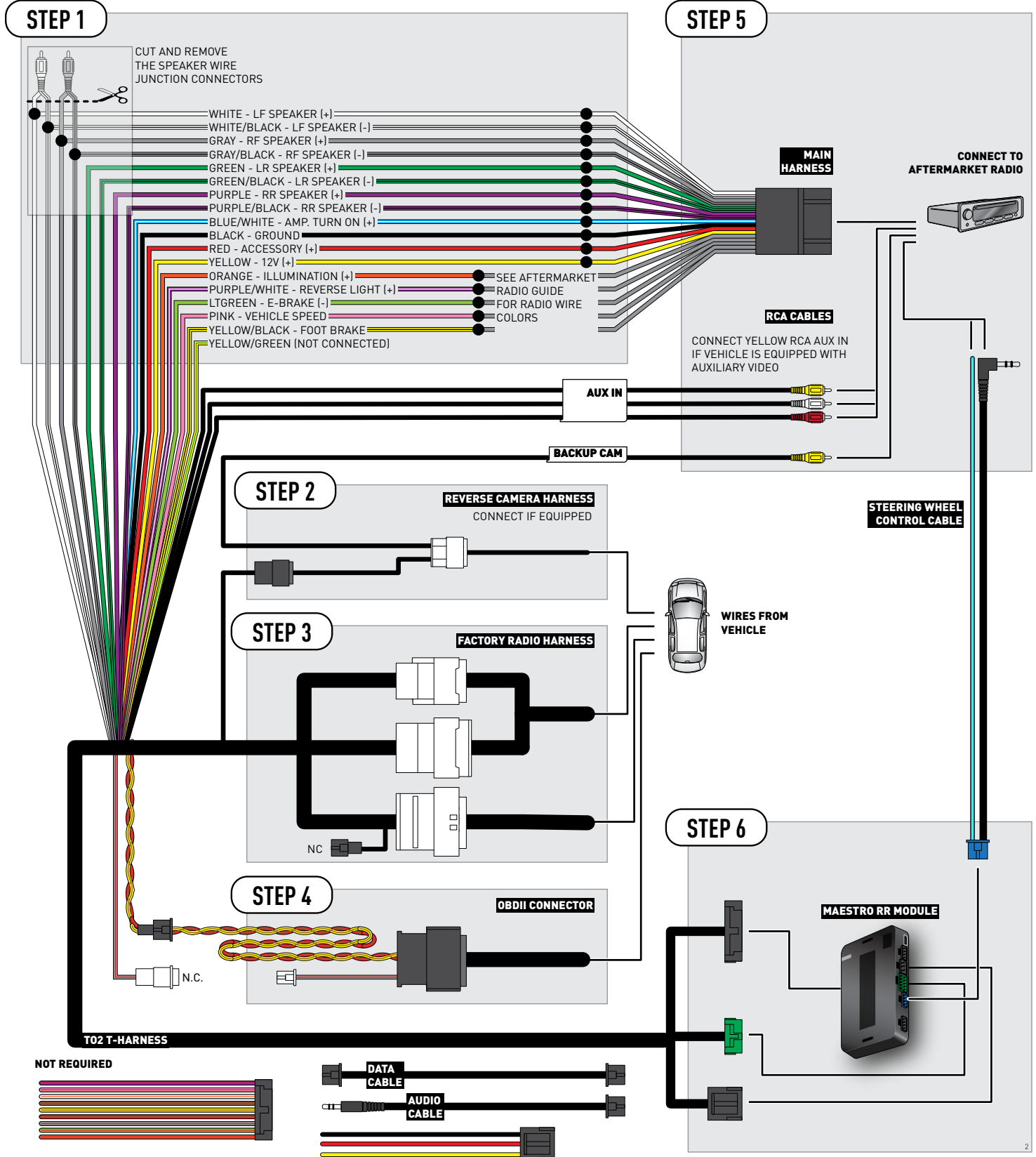
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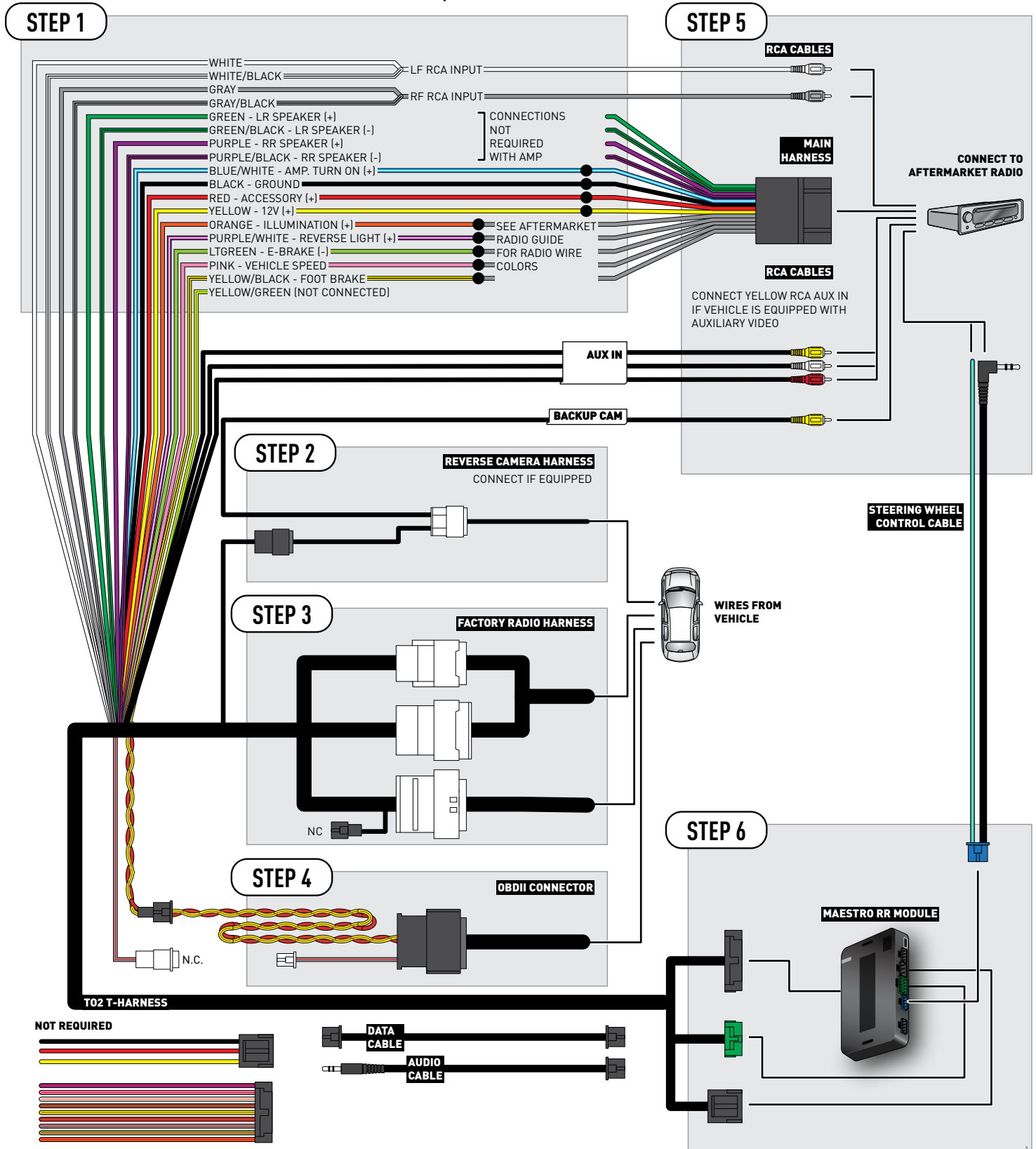
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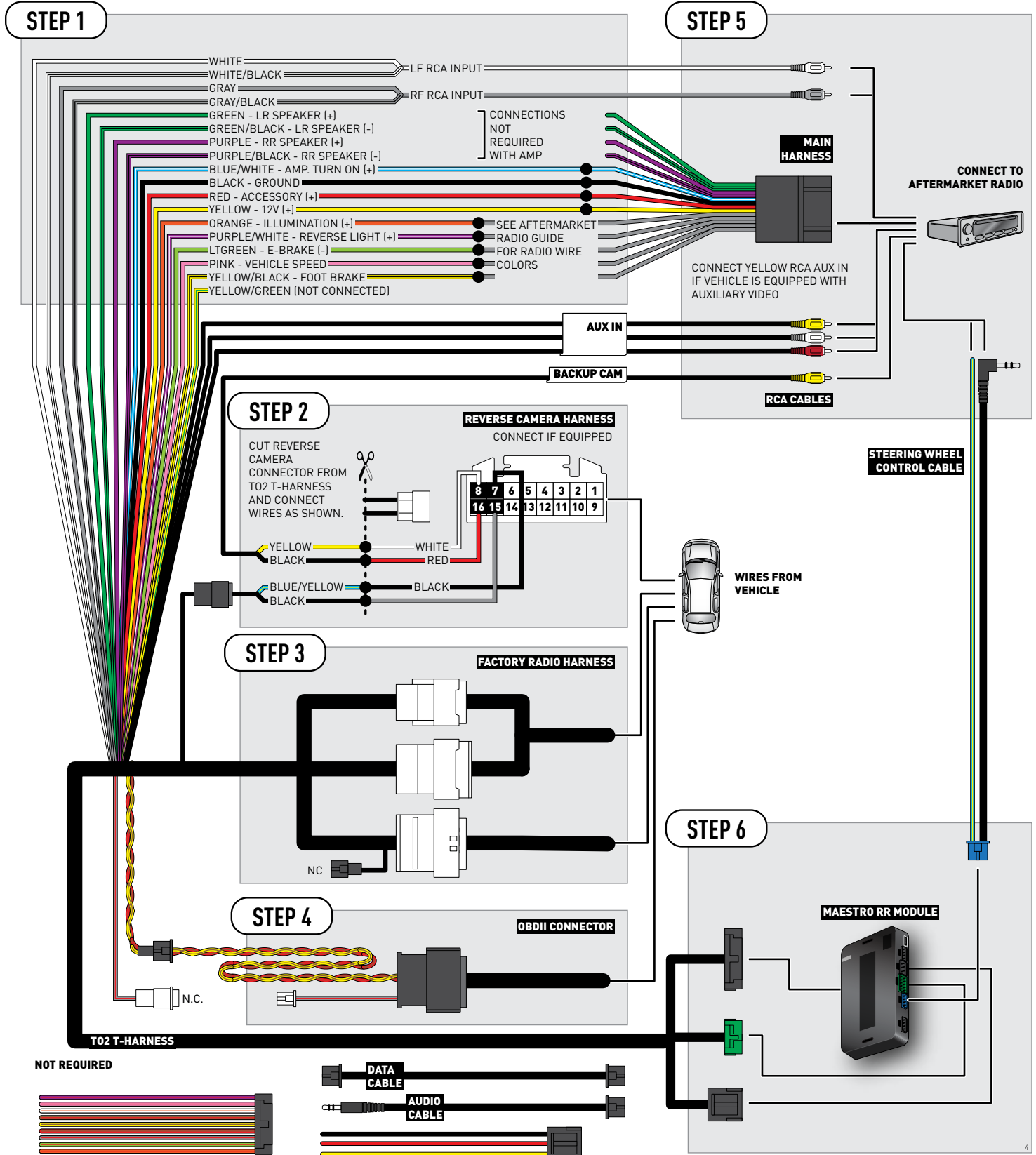
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2013-2014

TOYOTA AVALON

WITH NAV WITHOUT JBL

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



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STEP 1

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

SEE AFTERMARKET RADIO GUIDE FOR RADIO WIRE COLORS

STEP 2

CUT REVERSE CAMERA CONNECTOR FROM T02 T-HARNESS AND CONNECT WIRES AS SHOWN.

YELLOW
 BLACK
 BLUE/YELLOW
 BLACK

WHITE
 RED
 BLACK

STEP 3

FACTORY RADIO HARNESS

NC

STEP 4

OBDII CONNECTOR

N.C.

STEP 5

MAIN HARNESS

RCA CABLES

CONNECT YELLOW RCA AUX IN IF VEHICLE IS EQUIPPED WITH AUXILIARY VIDEO

AUX IN
 BACKUP CAM

CONNECT TO AFTERMARKET RADIO

STEERING WHEEL CONTROL CABLE

STEP 6

MAESTRO RR MODULE

NOT REQUIRED

DATA CABLE
 AUDIO CABLE

WIRES FROM VEHICLE

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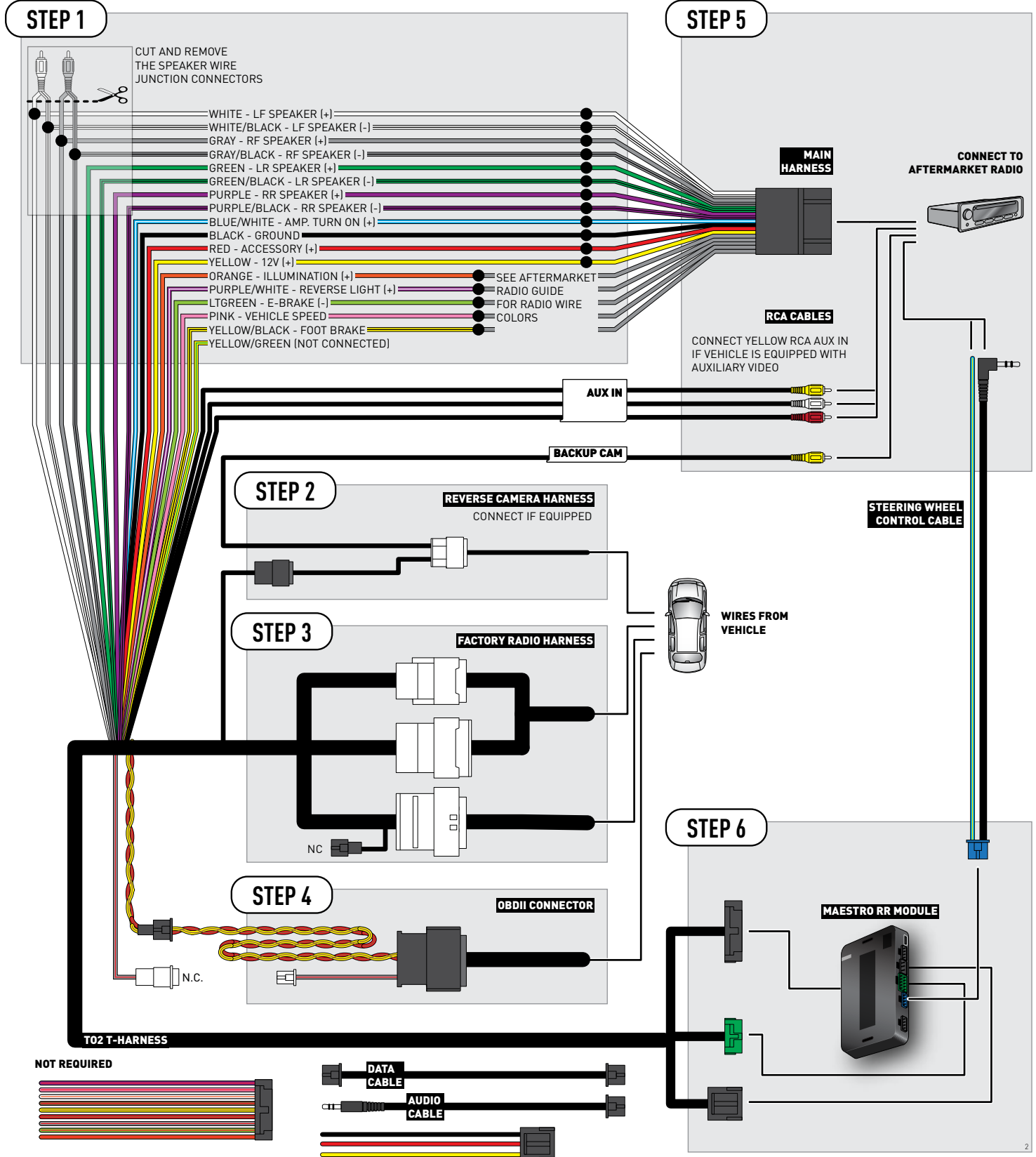
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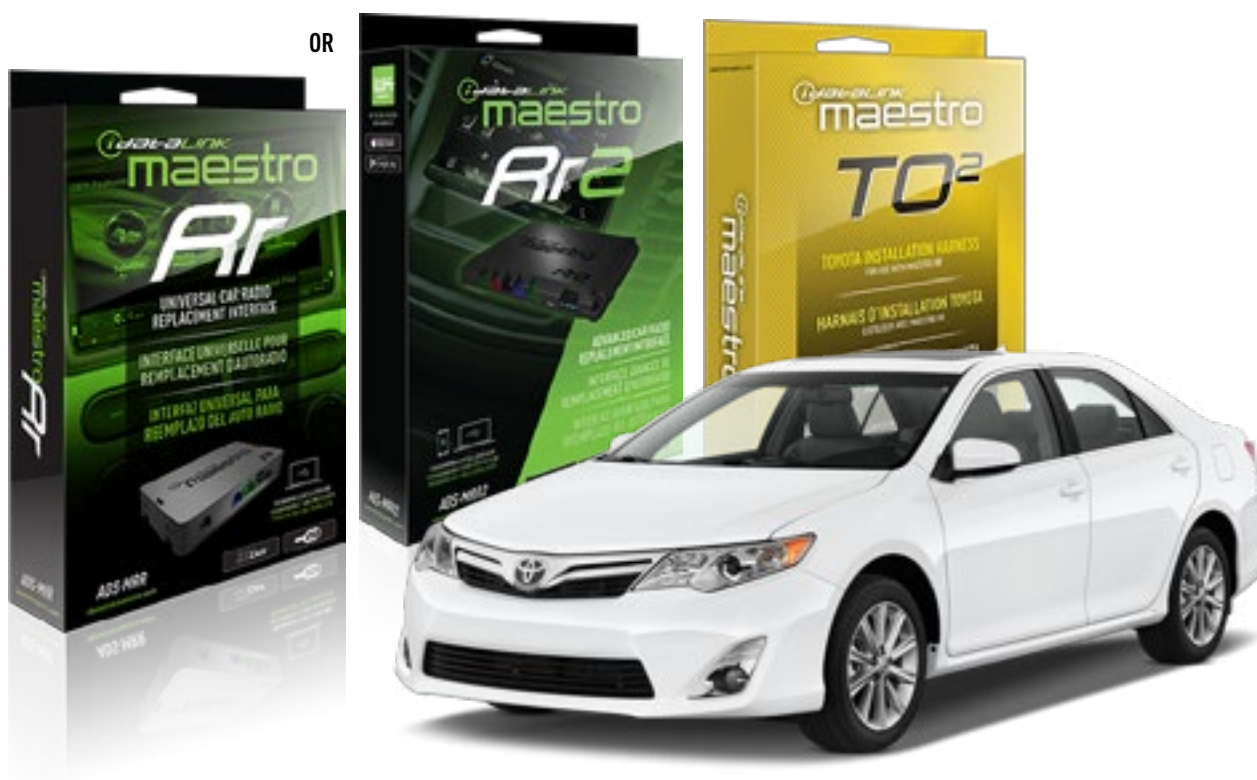
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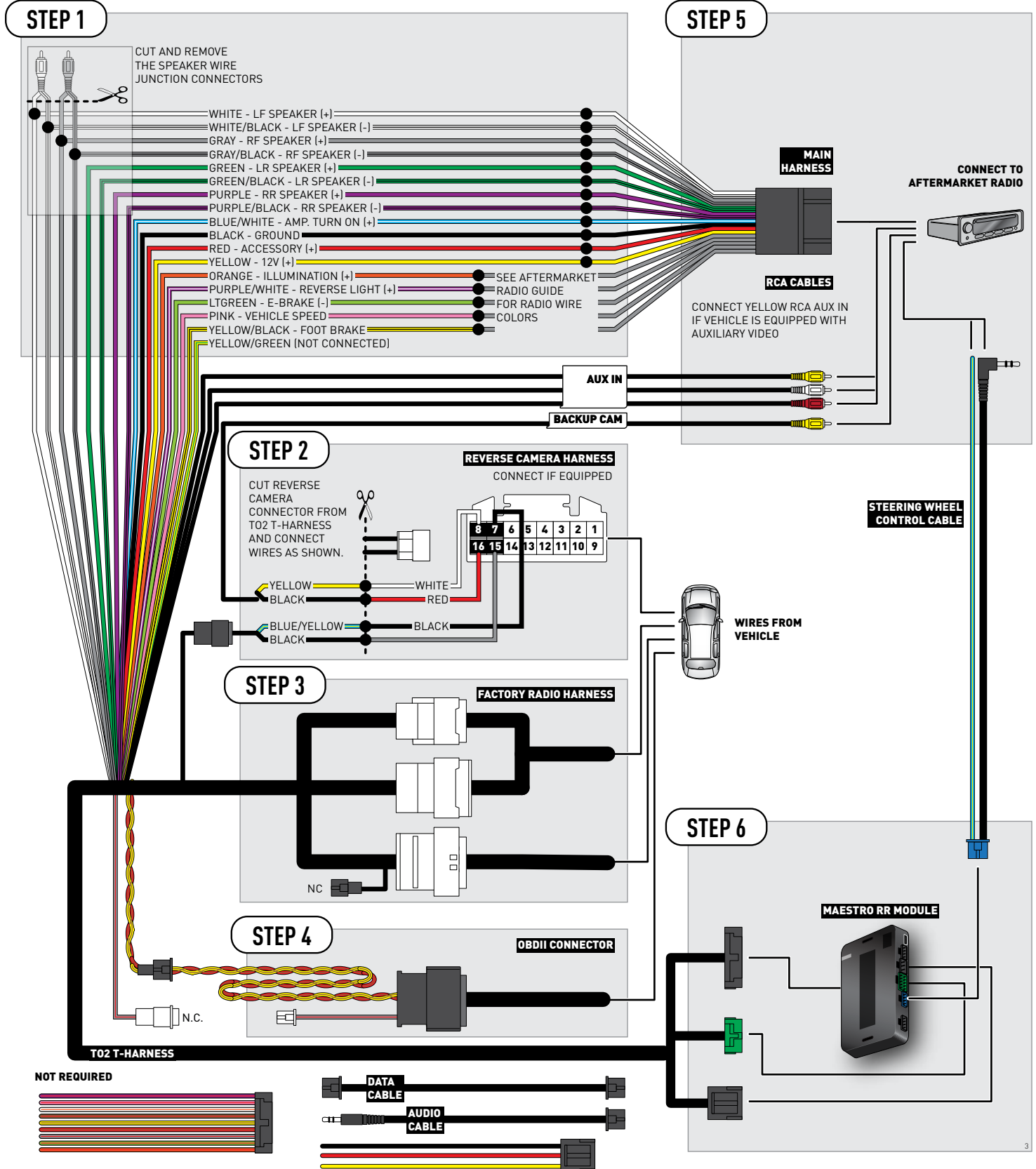
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Email: maestro.support@idatalink.com

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.

2012-2014

TOYOTA CAMRY

WITH FACTORY 6.1" SCREEN AND JBL

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES


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.

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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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Wiring Diagram	4
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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 T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera: Cut the reverse camera plug of the T02 T-harness and connect the wires as indicated in the wiring diagram next page (BROWN/RED and BROWN/YELLOW wires are not used).

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
- Plug the Black 2 pin connector of the T02 T-harness into the Black 2 pin connector on the OBDII harness.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

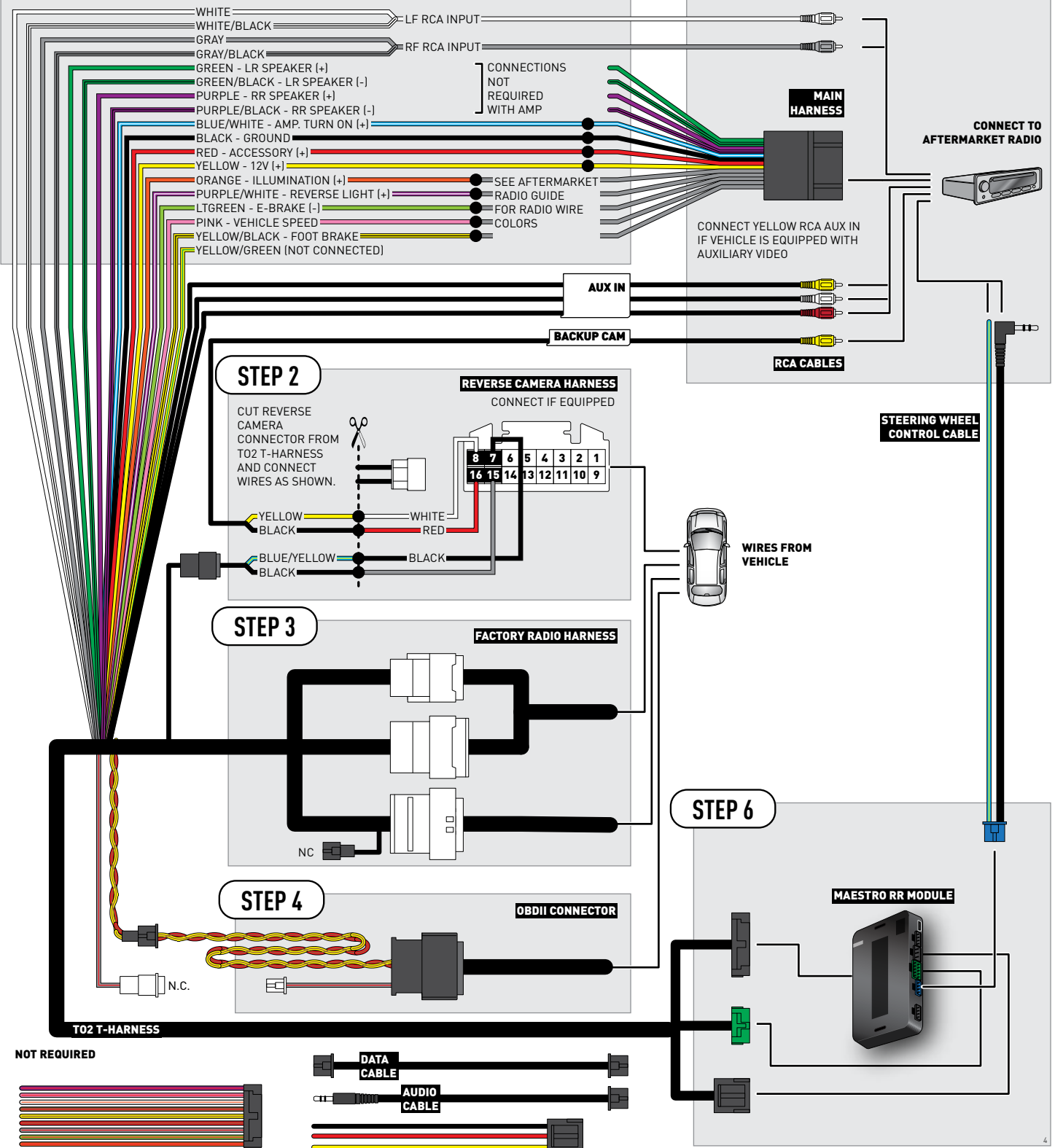
STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*

STEP 1

STEP 5



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

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INSTALL GUIDE

2012-2014

TOYOTA CAMRY

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iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

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.

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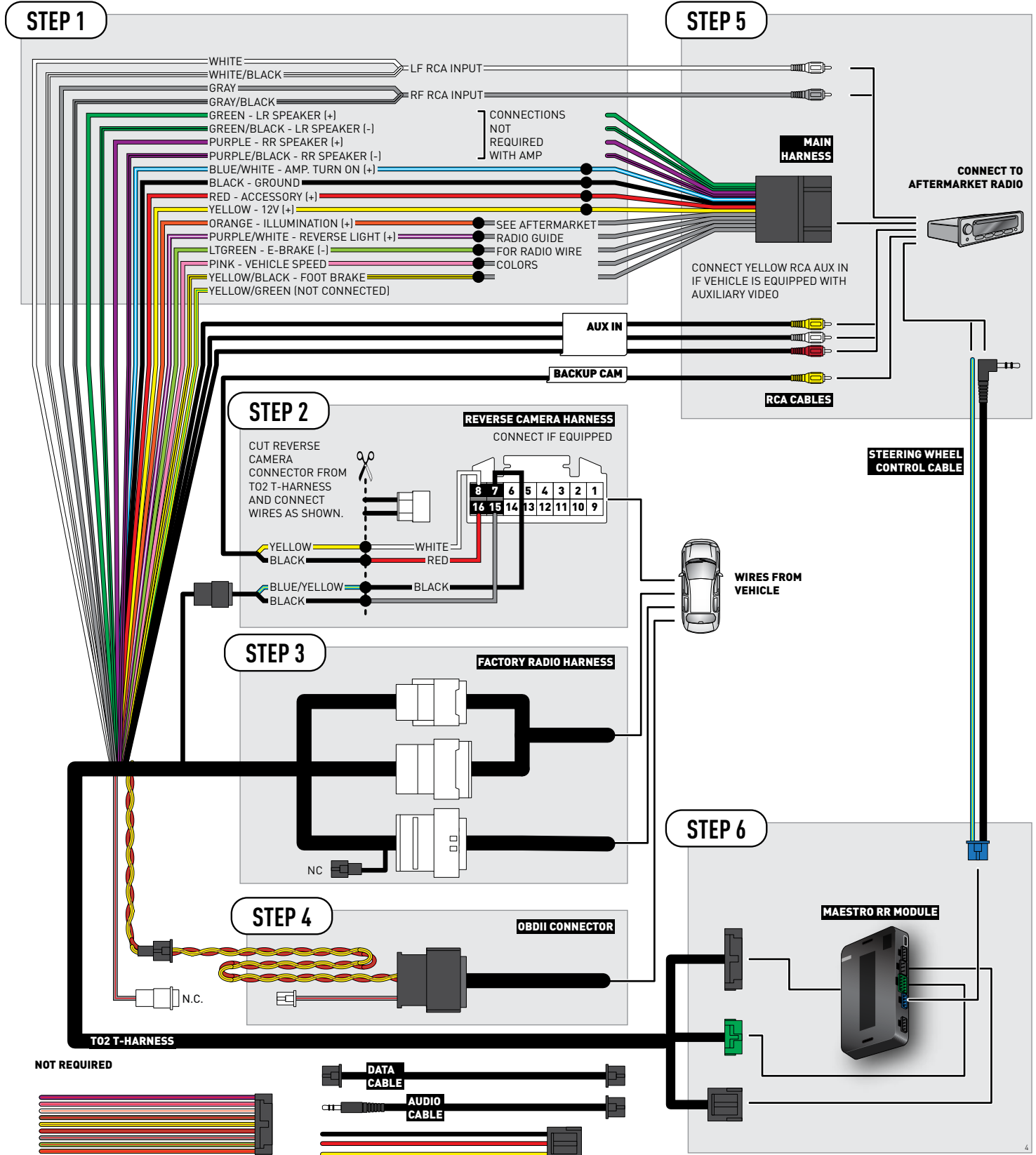
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- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

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RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



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PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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- Connect the factory harness to the T02 T-harness.

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- Plug the Black 2 pin connector of the T02 T-harness into the Black 2 pin connector on the OBDII harness.
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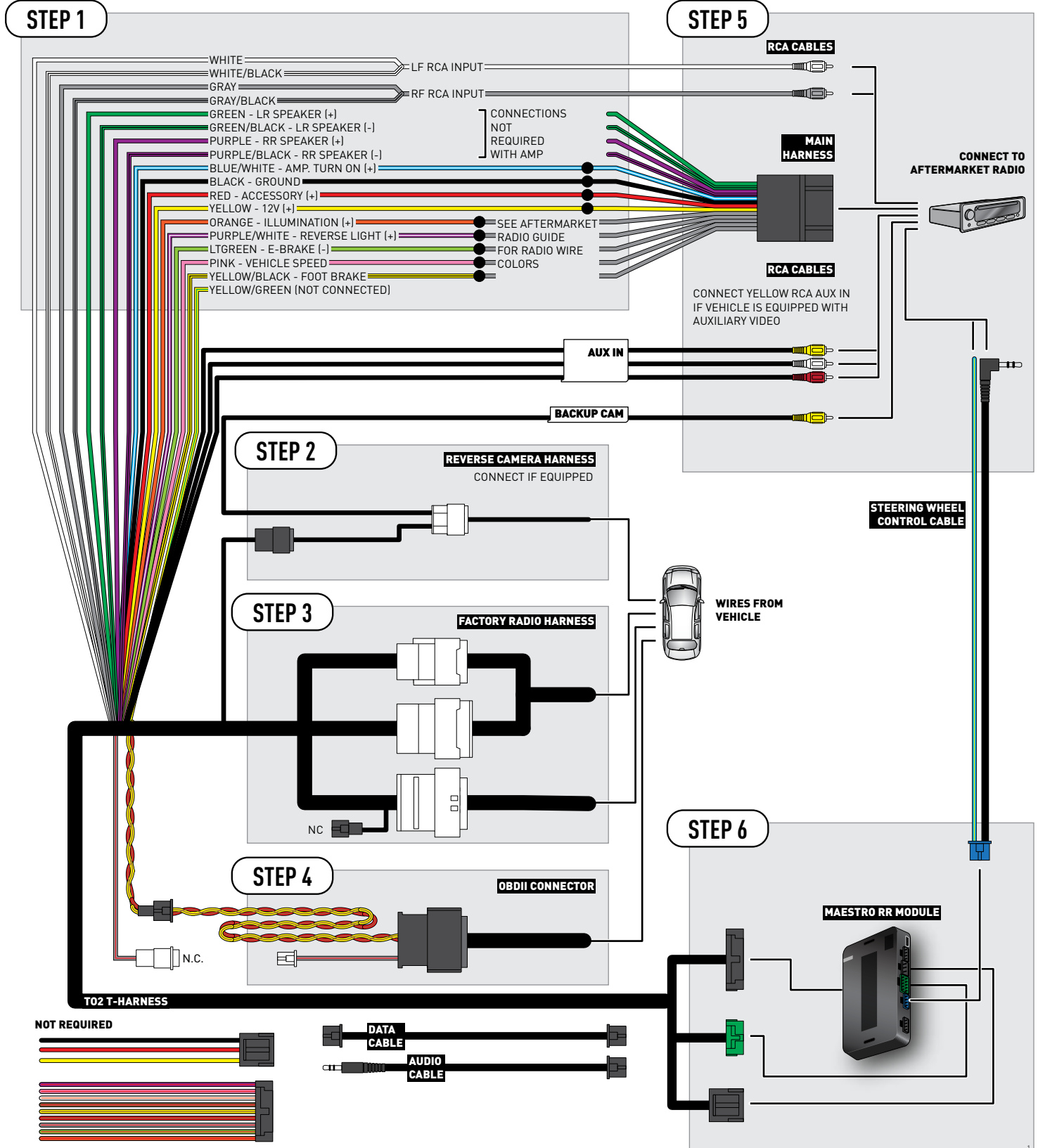
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- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

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- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

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RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



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iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES


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- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

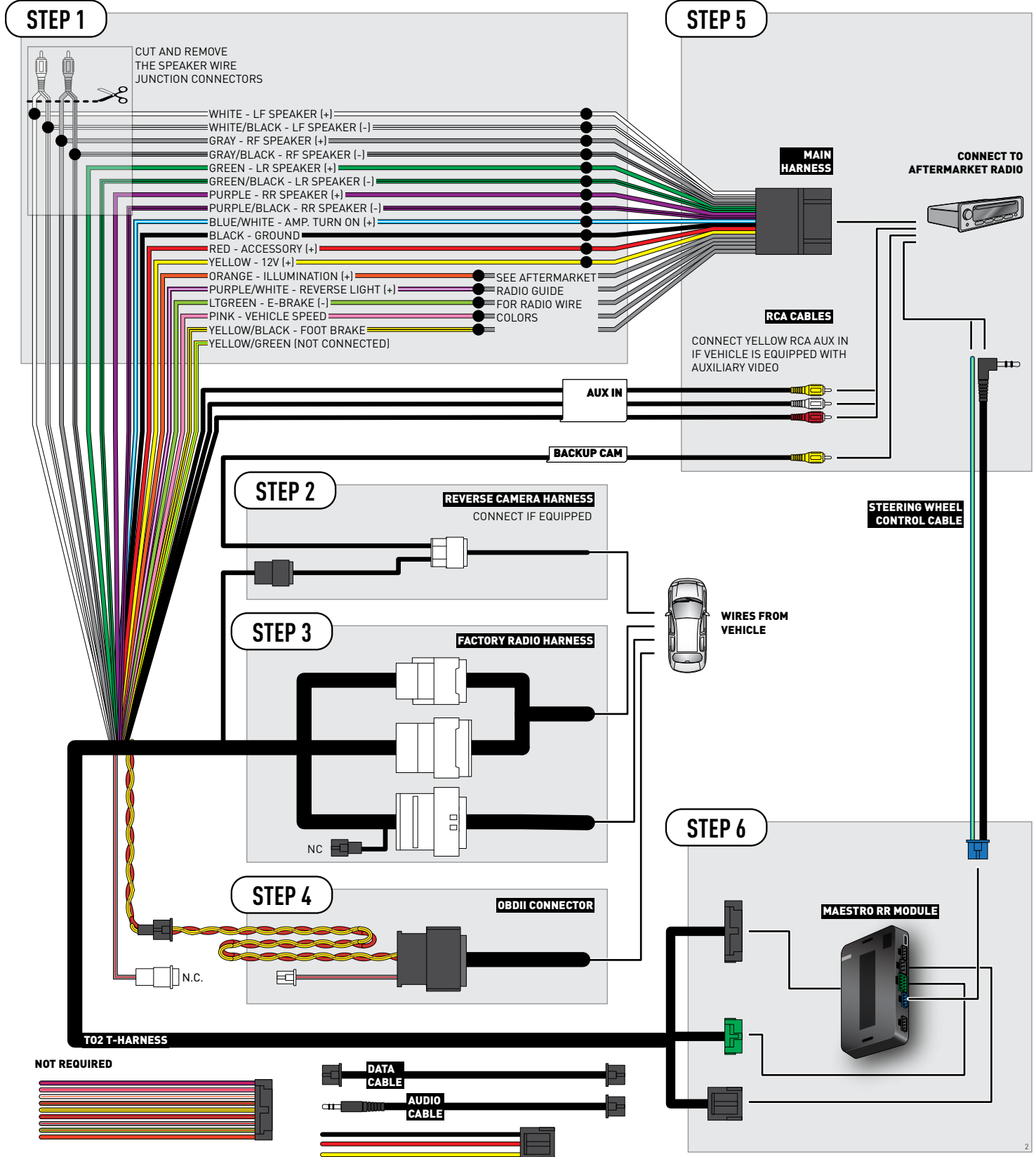
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- Plug the aftermarket radio harnesses into the aftermarket radio.
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- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6 Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

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2014-2019

TOYOTA COROLLA

WITH FACTORY 6.1" SCREEN

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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STEP 1

- Unbox the aftermarket radio and locate its main harness.
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- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

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- Connect the factory harness to the T02 T-harness.

STEP 4

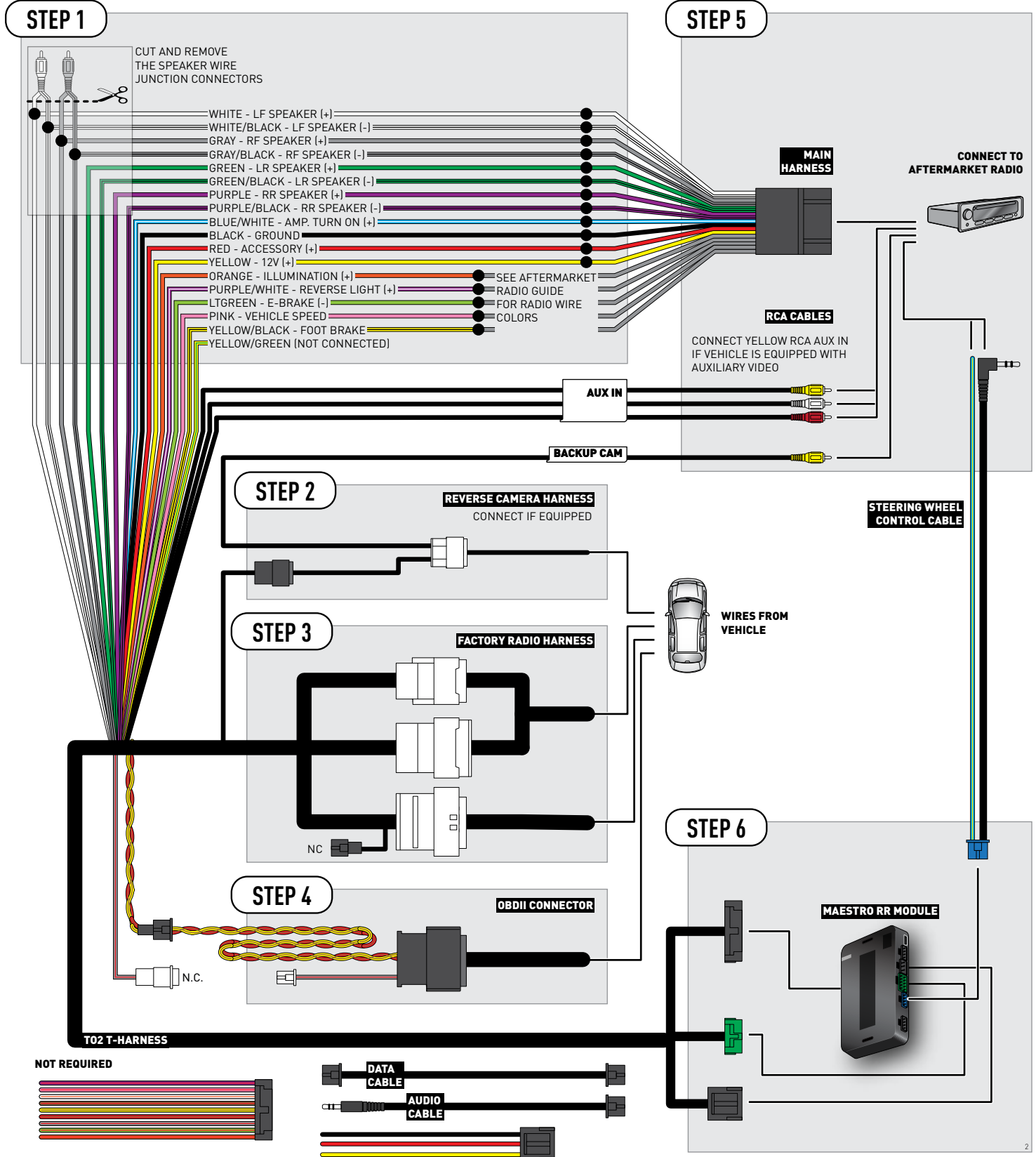
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WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

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PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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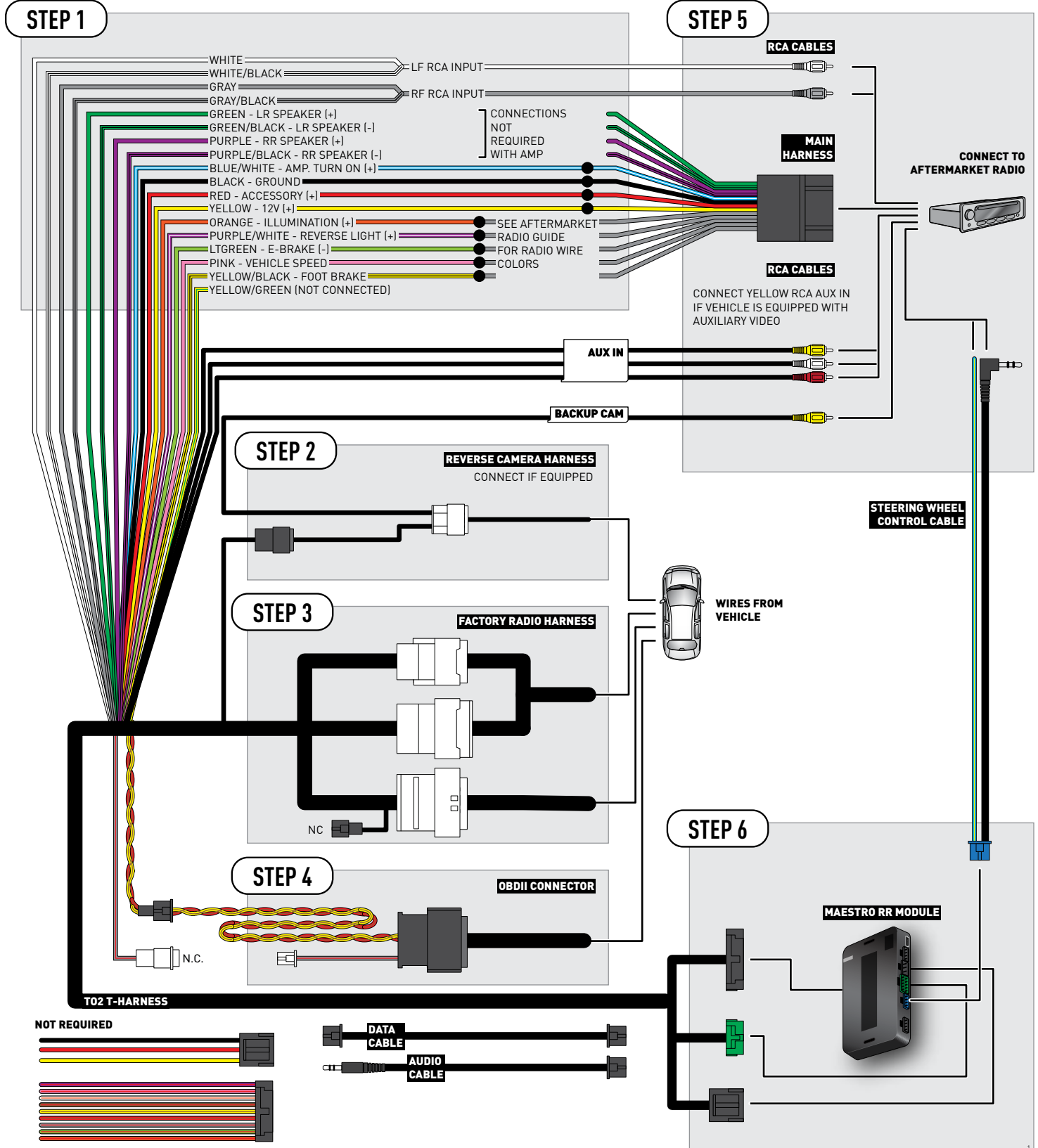
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- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



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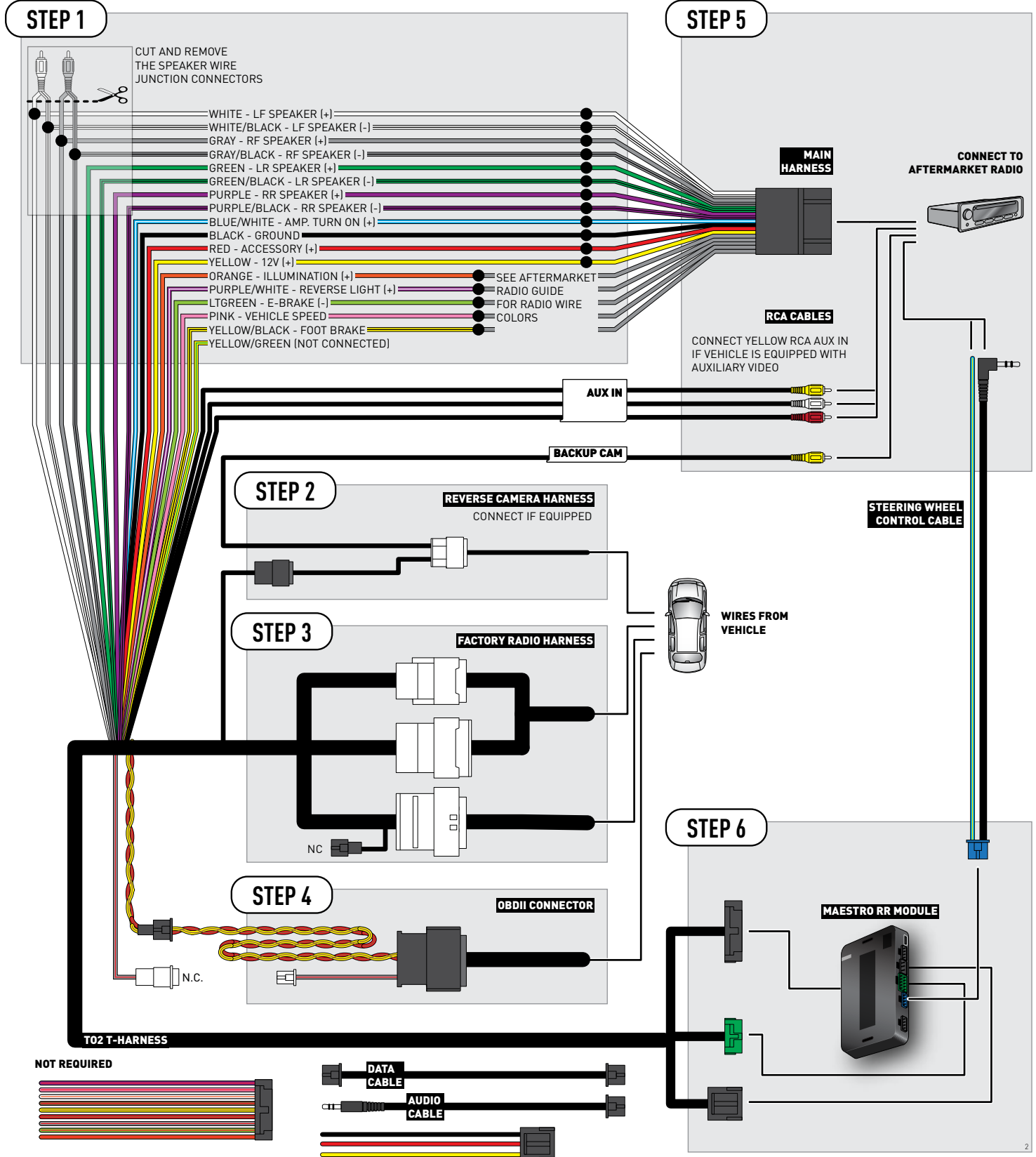
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WIRING DIAGRAM *without an Amplifier*



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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the front speaker wire junction connectors.
- Connect the wires shown on the next page from aftermarket radio main harness to the T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

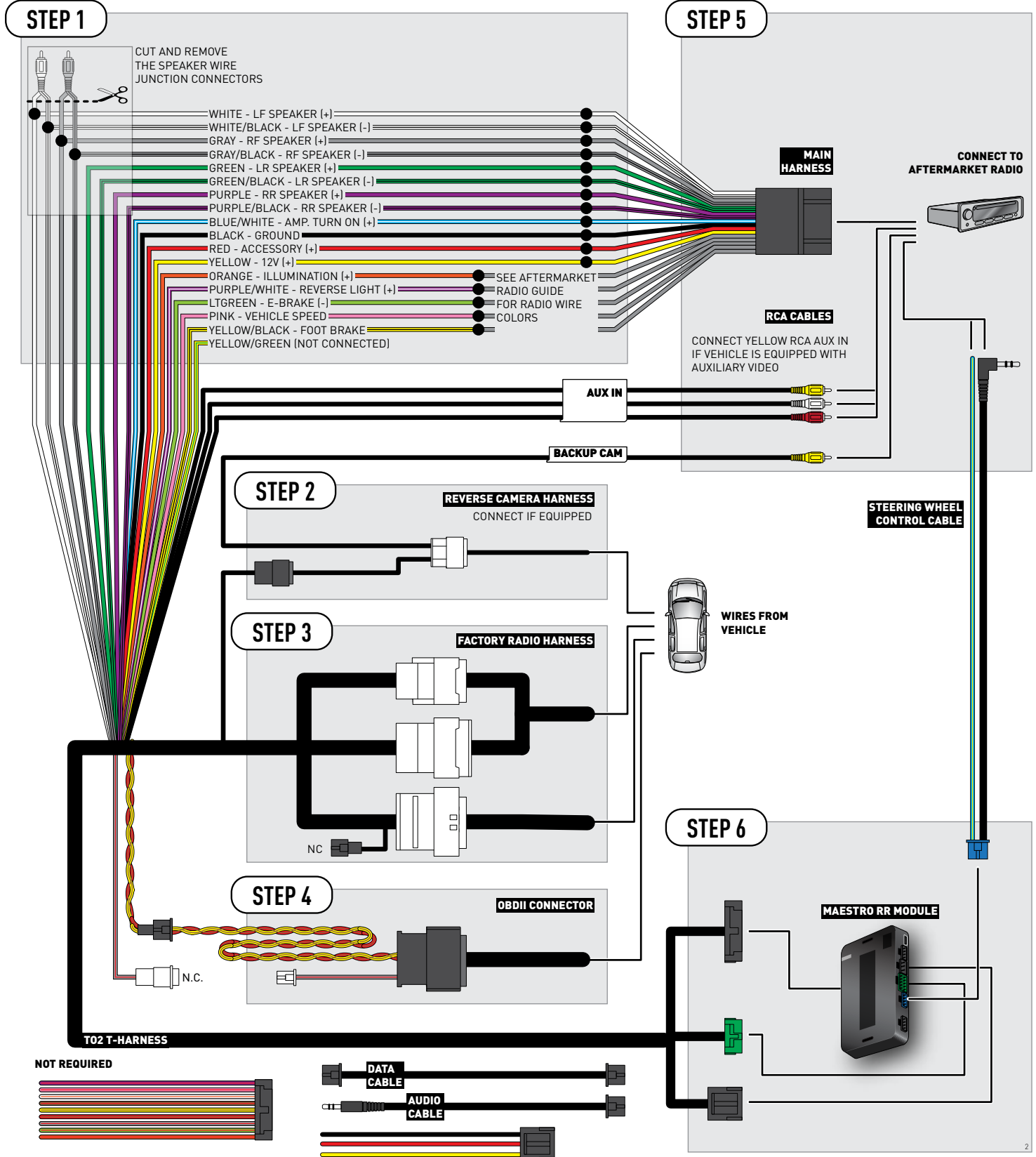
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- Plug the OBDII connector into the OBDII of the vehicle.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6 Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
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TECHNICAL ASSISTANCE

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RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



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PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES


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- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
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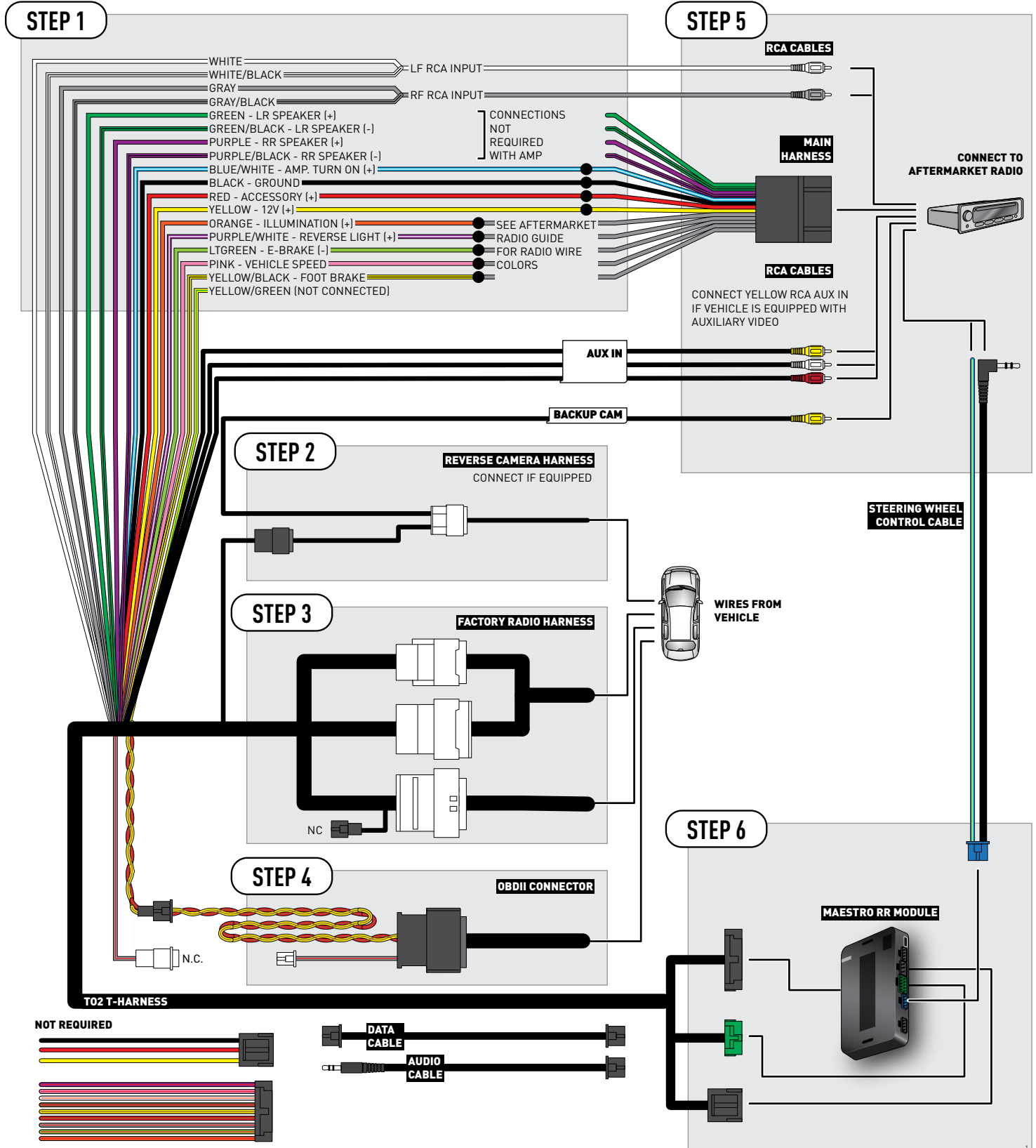
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WIRING DIAGRAM *with an Amplifier*



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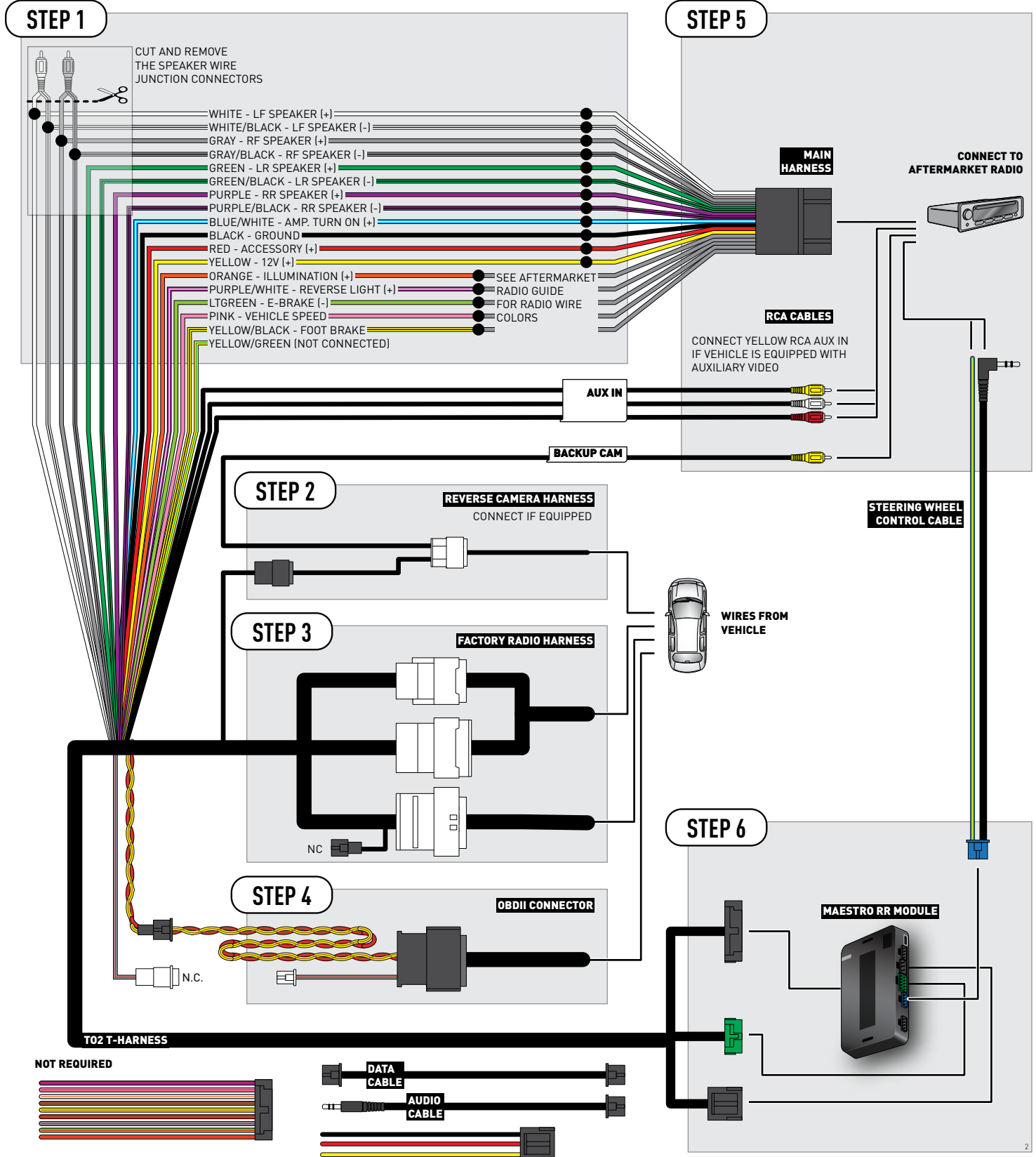
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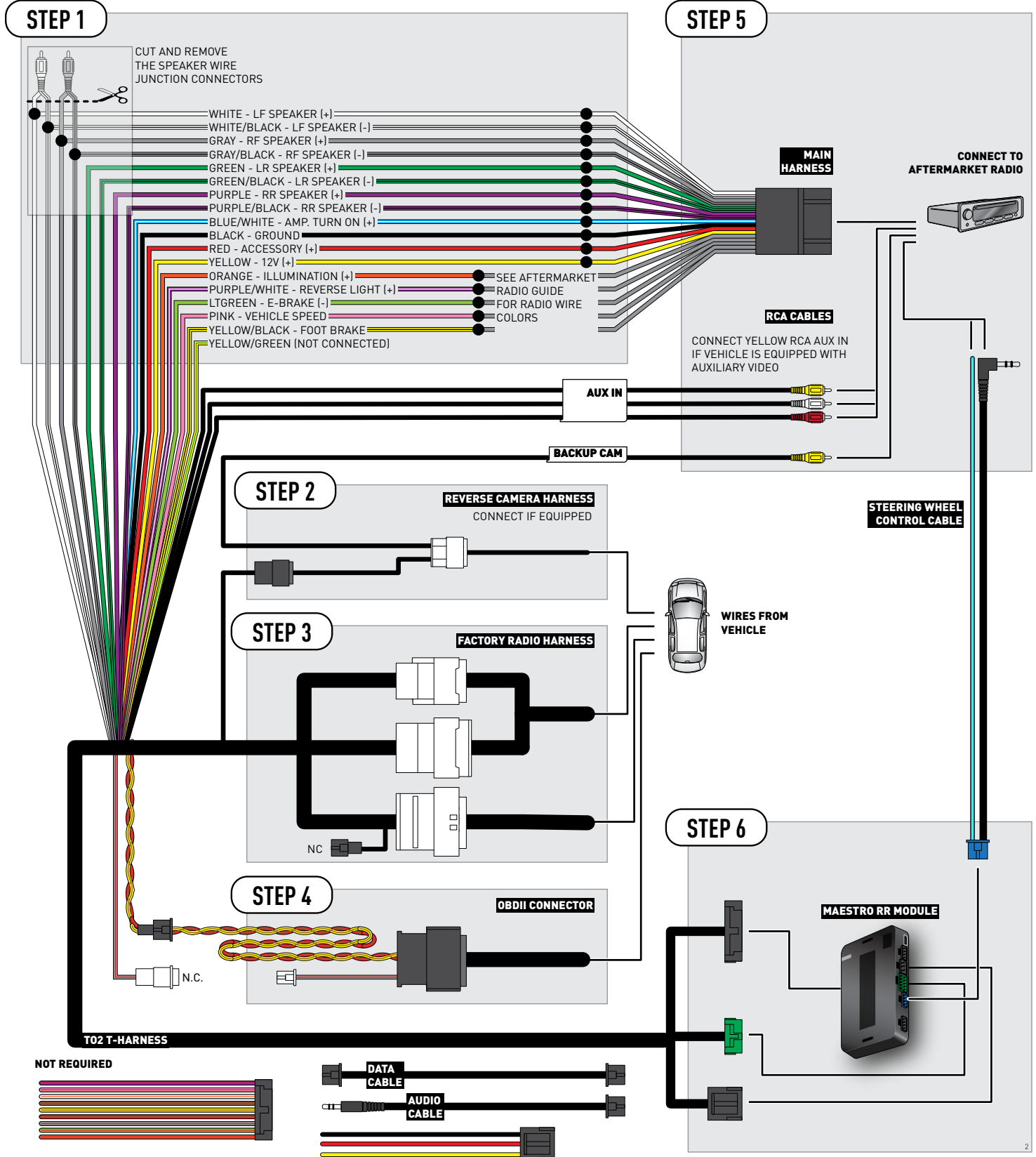
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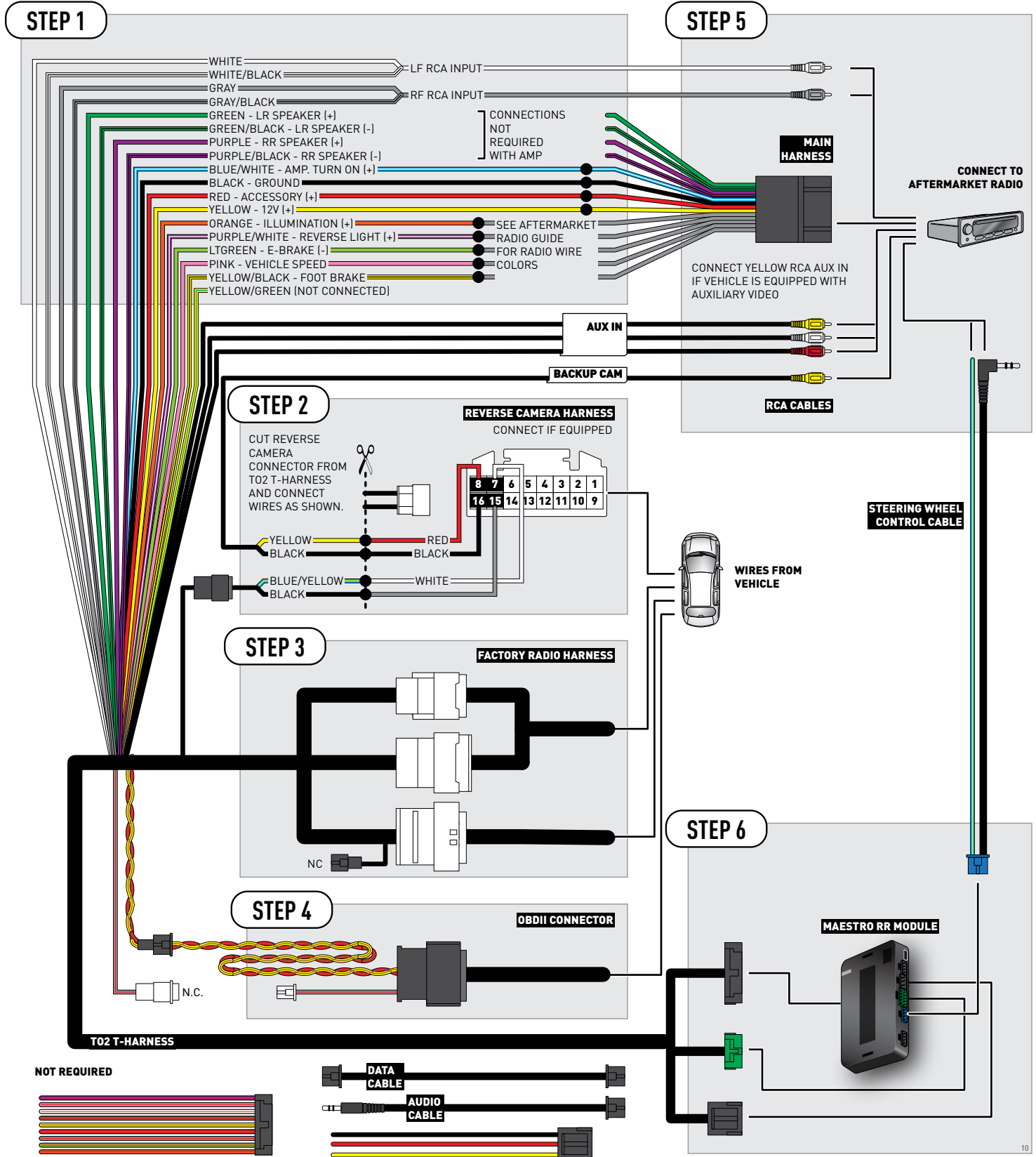
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STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

STEP 1

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

STEP 2

REVERSE CAMERA HARNESS
 CONNECT IF EQUIPPED

STEP 3

FACTORY RADIO HARNESS

STEP 4

OBDII CONNECTOR

STEP 5

RCA CABLES
 MAIN HARNESS
 RCA CABLES
 CONNECT YELLOW RCA AUX IN IF VEHICLE IS EQUIPPED WITH AUXILIARY VIDEO

CONNECT TO AFTERMARKET RADIO

STEERING WHEEL CONTROL CABLE

WIRES FROM VEHICLE

STEP 6

MAESTRO RR MODULE

NOT REQUIRED

DATA CABLE
 AUDIO CABLE

T02 T-HARNESS

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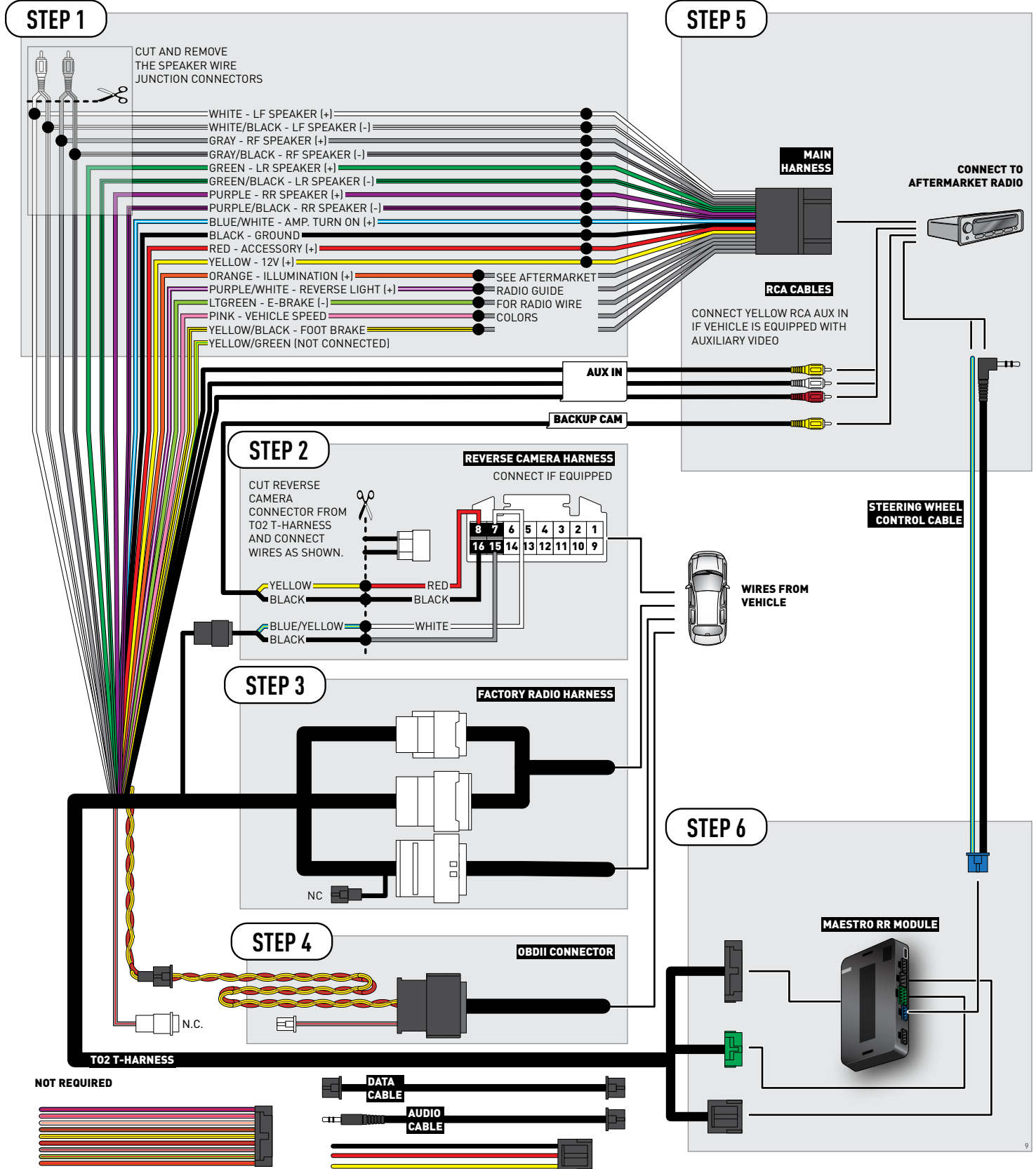
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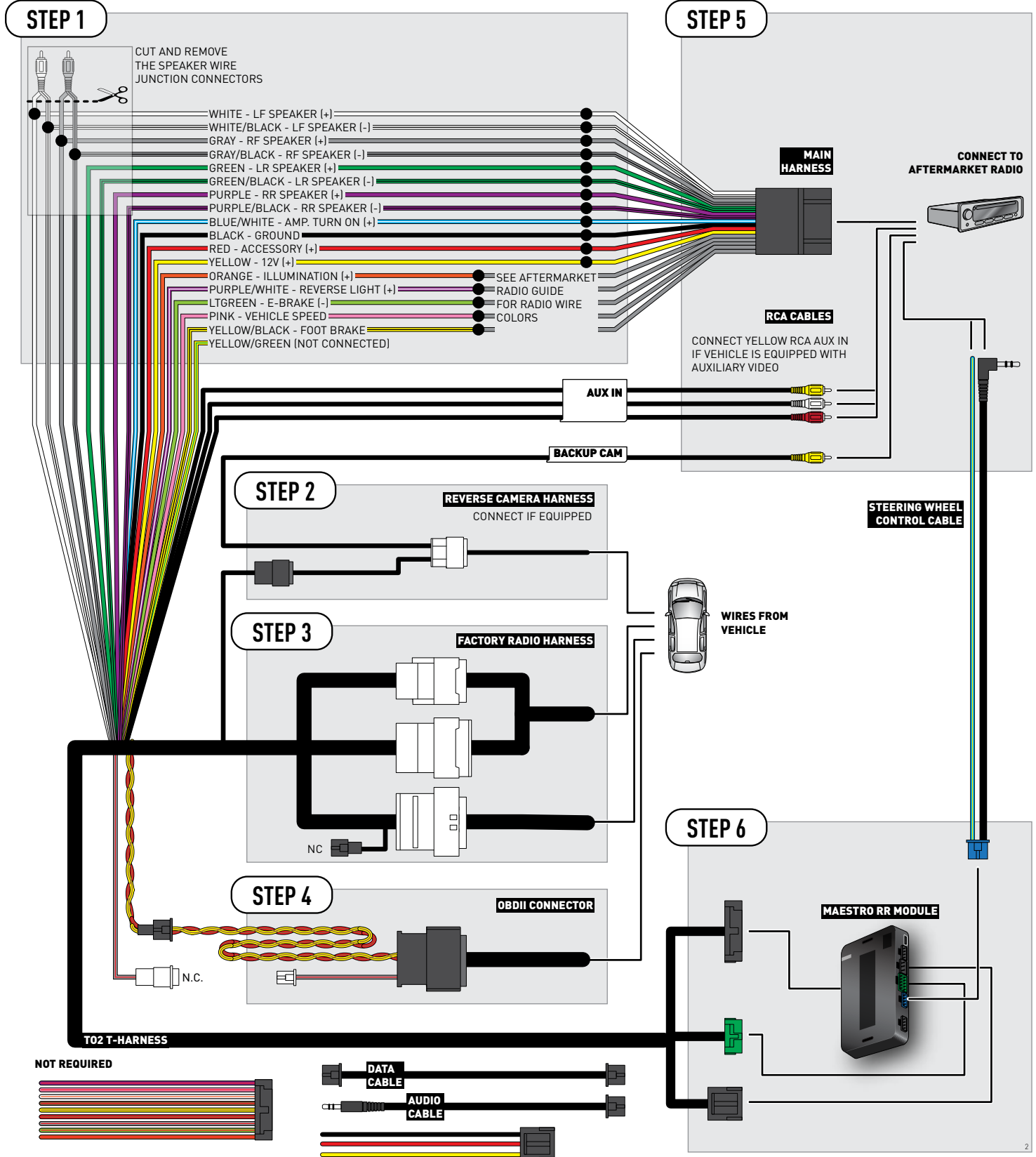
- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
- Plug the Black 2 pin connector of the T02 T-harness into the Black 2 pin connector on the OBDII harness.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6 Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

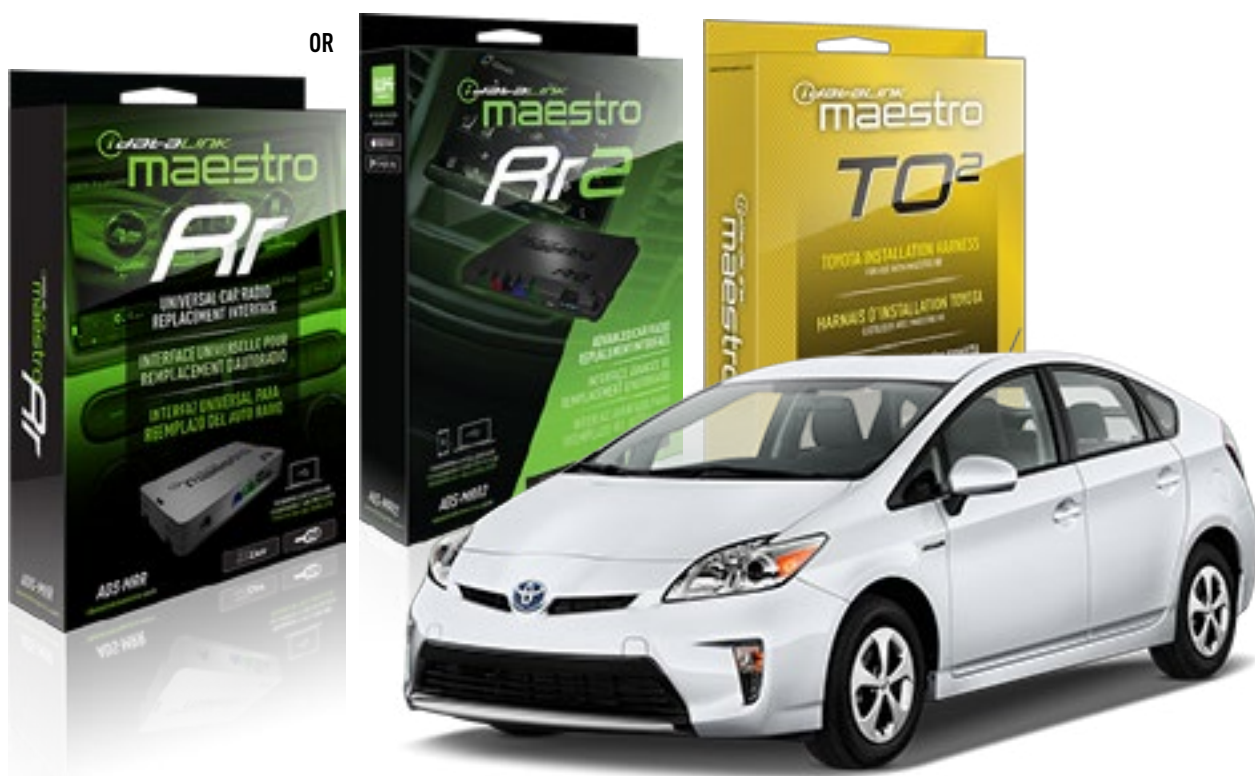
Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

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

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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

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

NEED HELP?

 1 866 427-2999

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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 T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera: Cut the reverse camera plug of the T02 T-harness and connect the wires as indicated in the wiring diagram next page (BROWN/RED and BROWN/YELLOW wires are not used).

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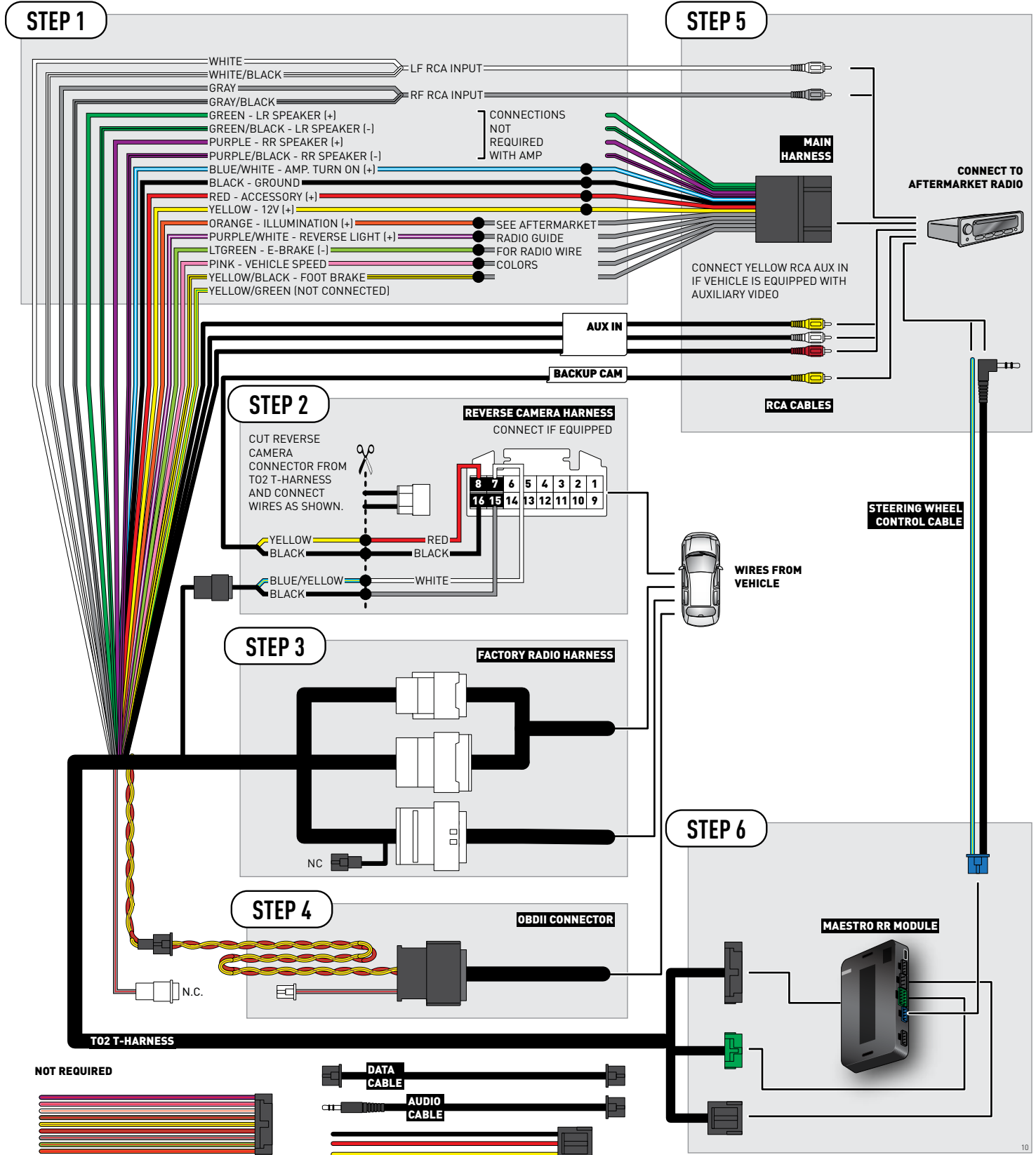
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WIRING DIAGRAM *with an Amplifier*



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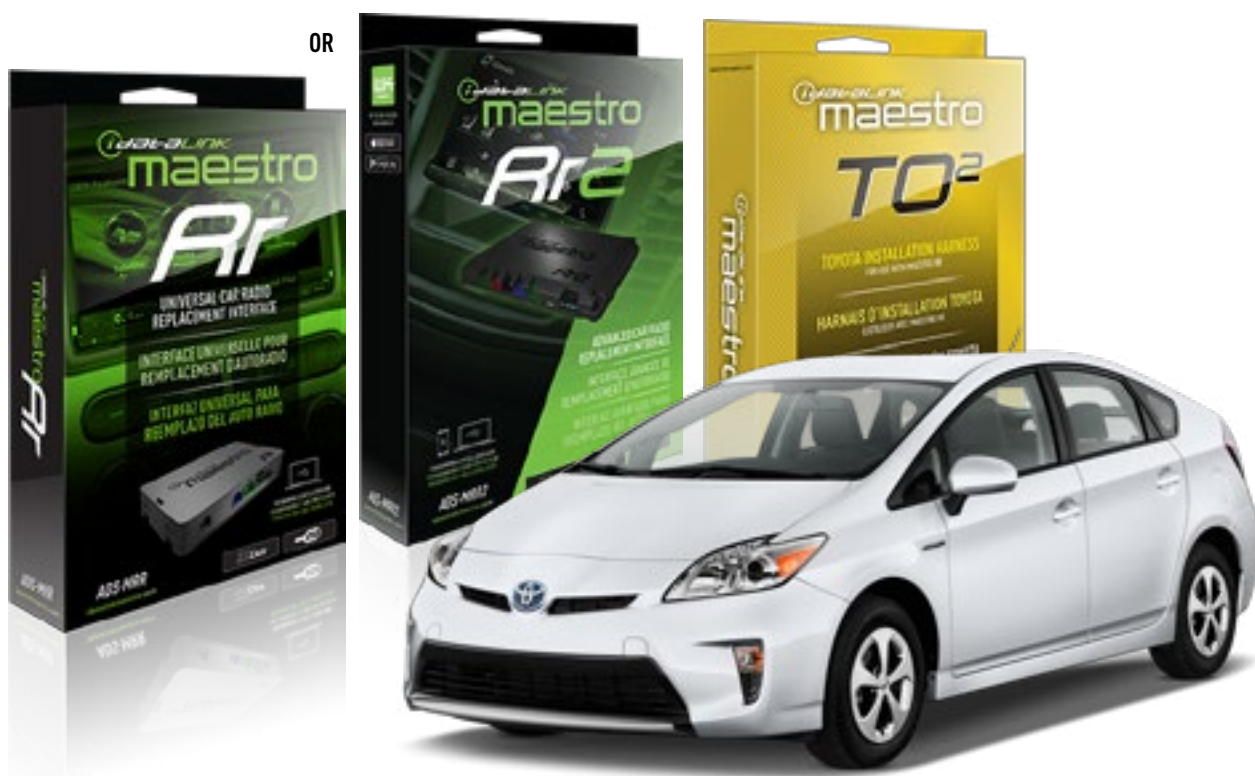
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RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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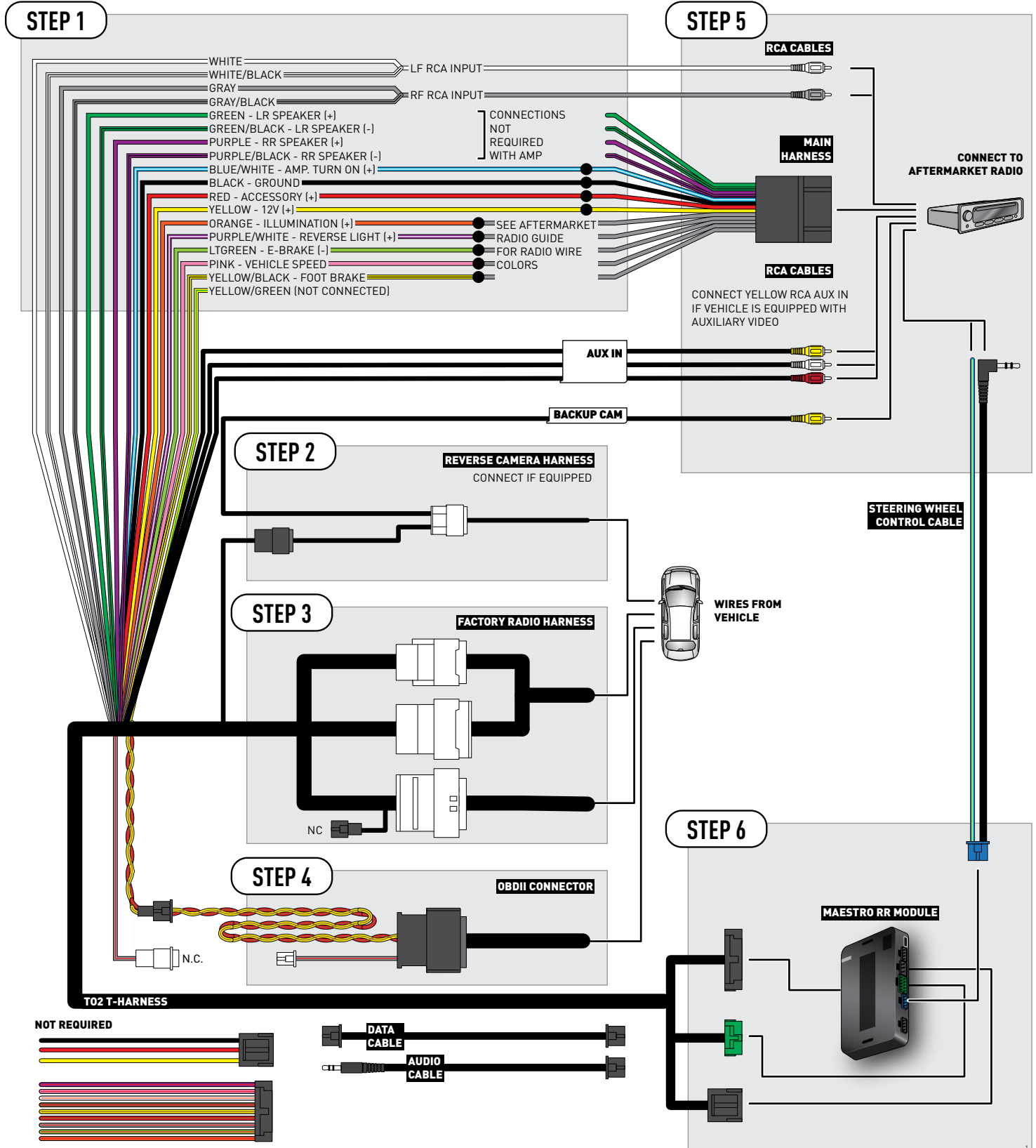
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IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

2012-2014

TOYOTA PRIUS

WITH NAV WITHOUT JBL

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES


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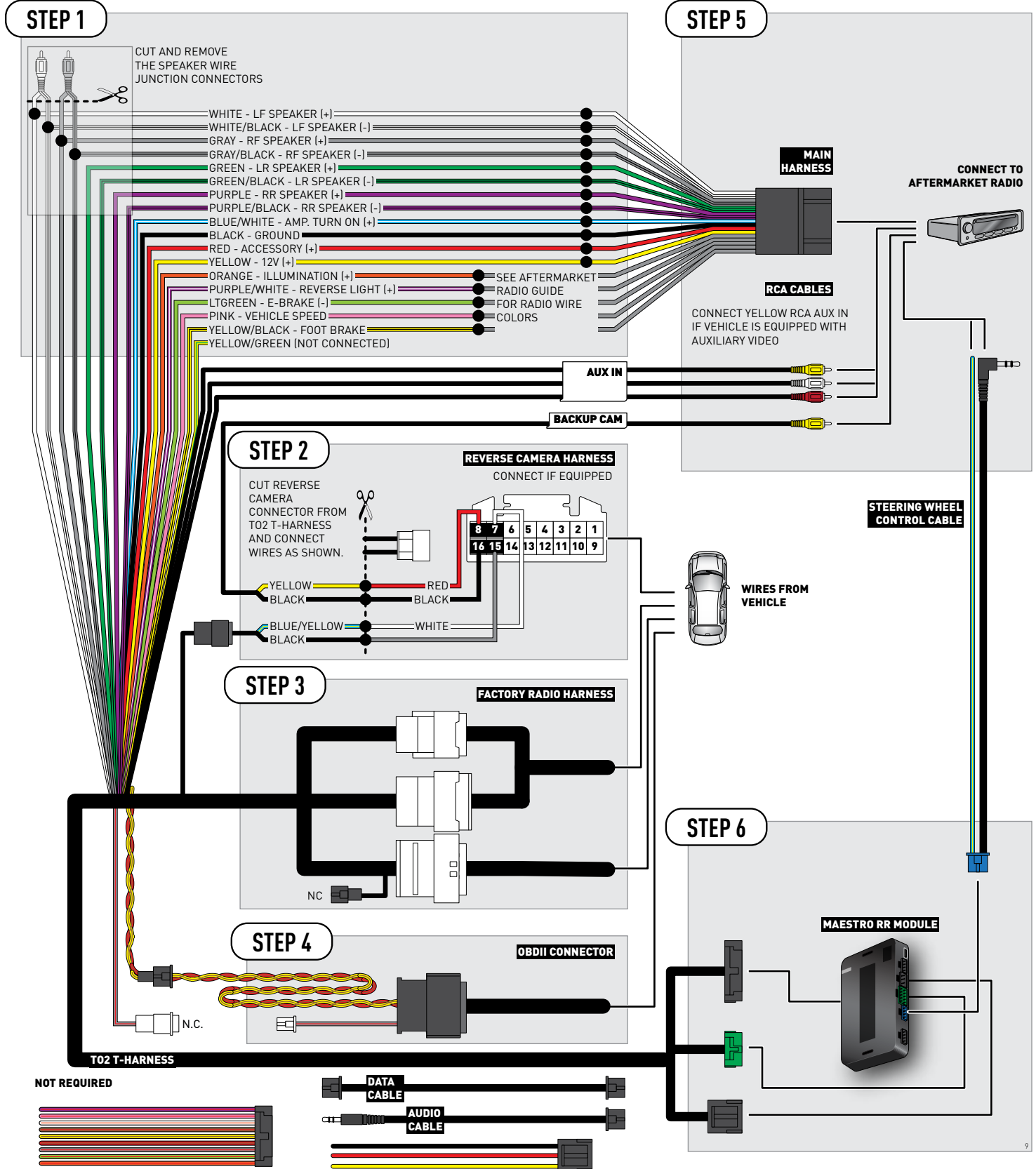
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WIRING DIAGRAM *without an Amplifier*



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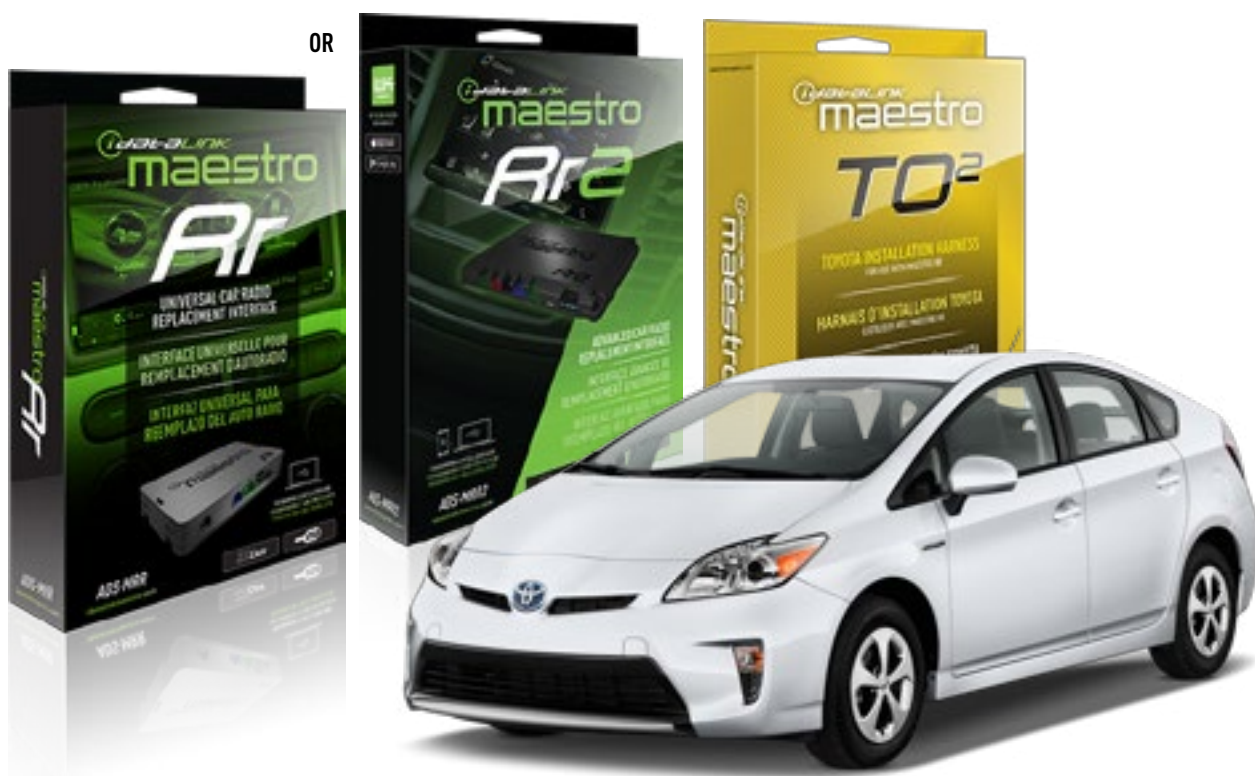
IMPORTANT: To ensure proper operation, the aftermarket radio needs to have the latest firmware from the manufacturer. Please visit the radio manufacturer's website and look for any updates pertaining to your radio.

2015-2019

TOYOTA PRIUS

WITH NAV WITHOUT JBL

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES


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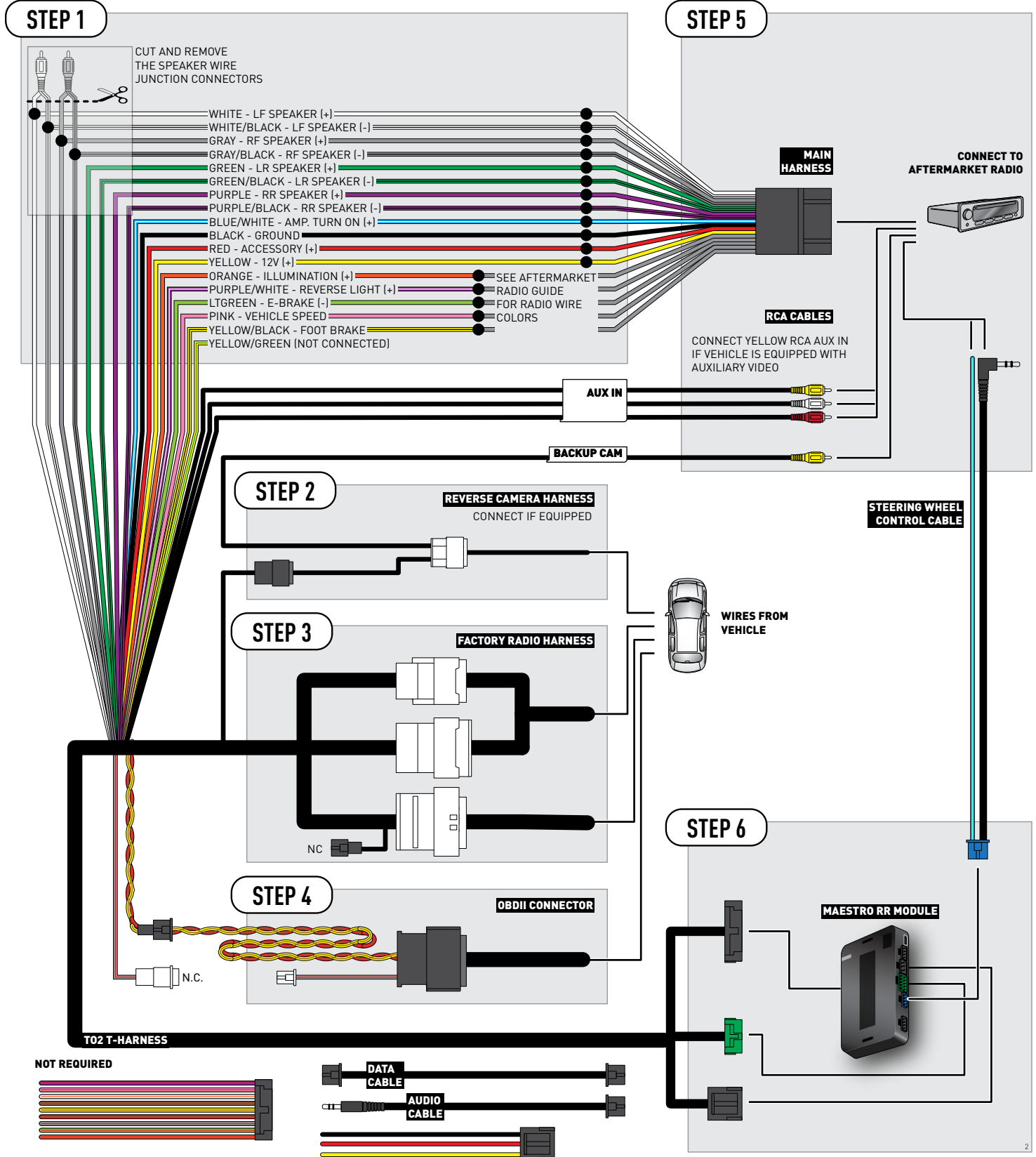
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WIRING DIAGRAM *without an Amplifier*



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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.

2013-2018

TOYOTA RAV 4

WITH FACTORY 6.1" SCREEN

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES


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NEED HELP?

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STEP 2

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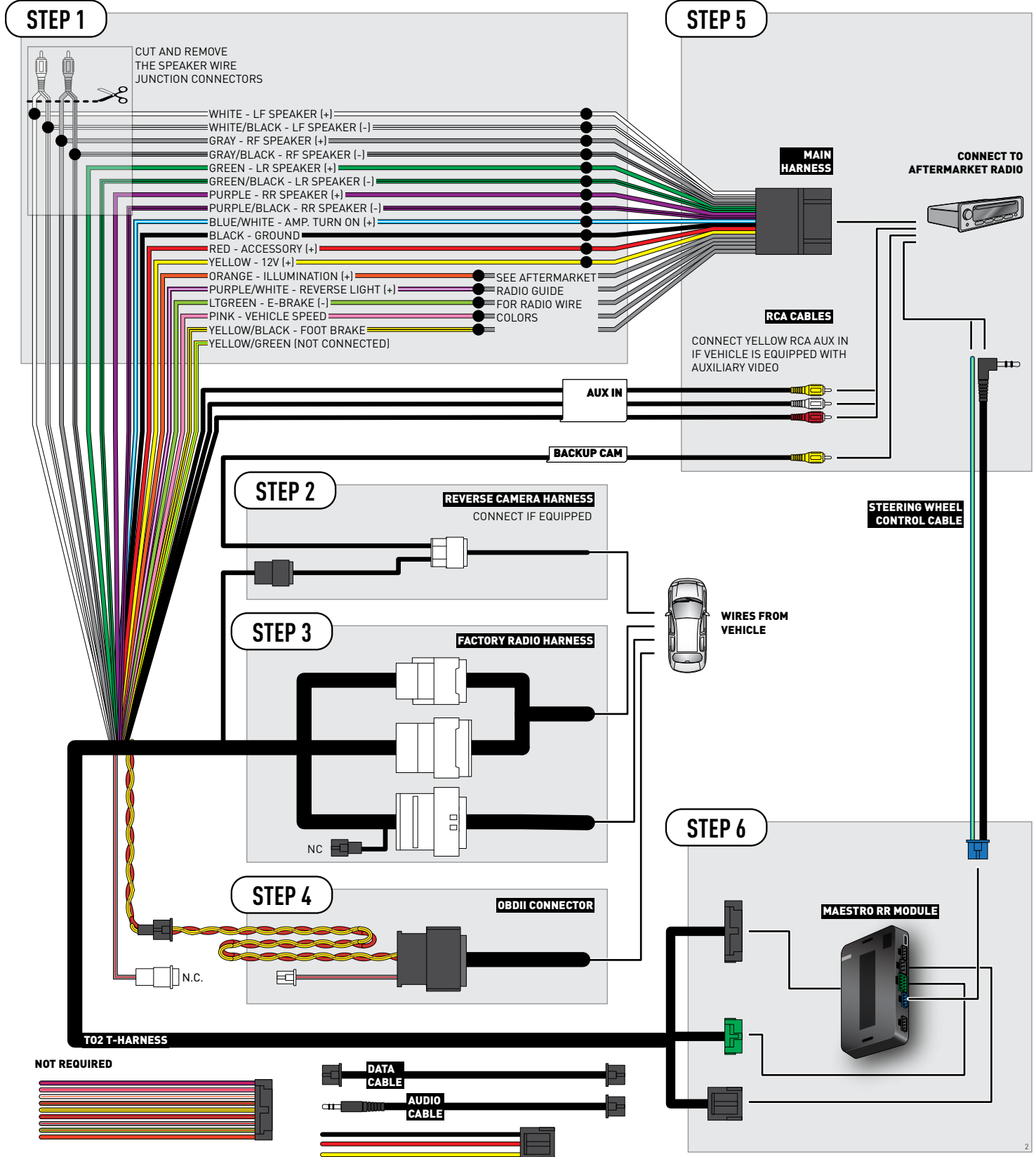
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WIRING DIAGRAM *without an Amplifier*



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INSTALL GUIDE

2013-2018

TOYOTA RAV 4

WITH FACTORY 6.1" SCREEN AND JBL

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

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.


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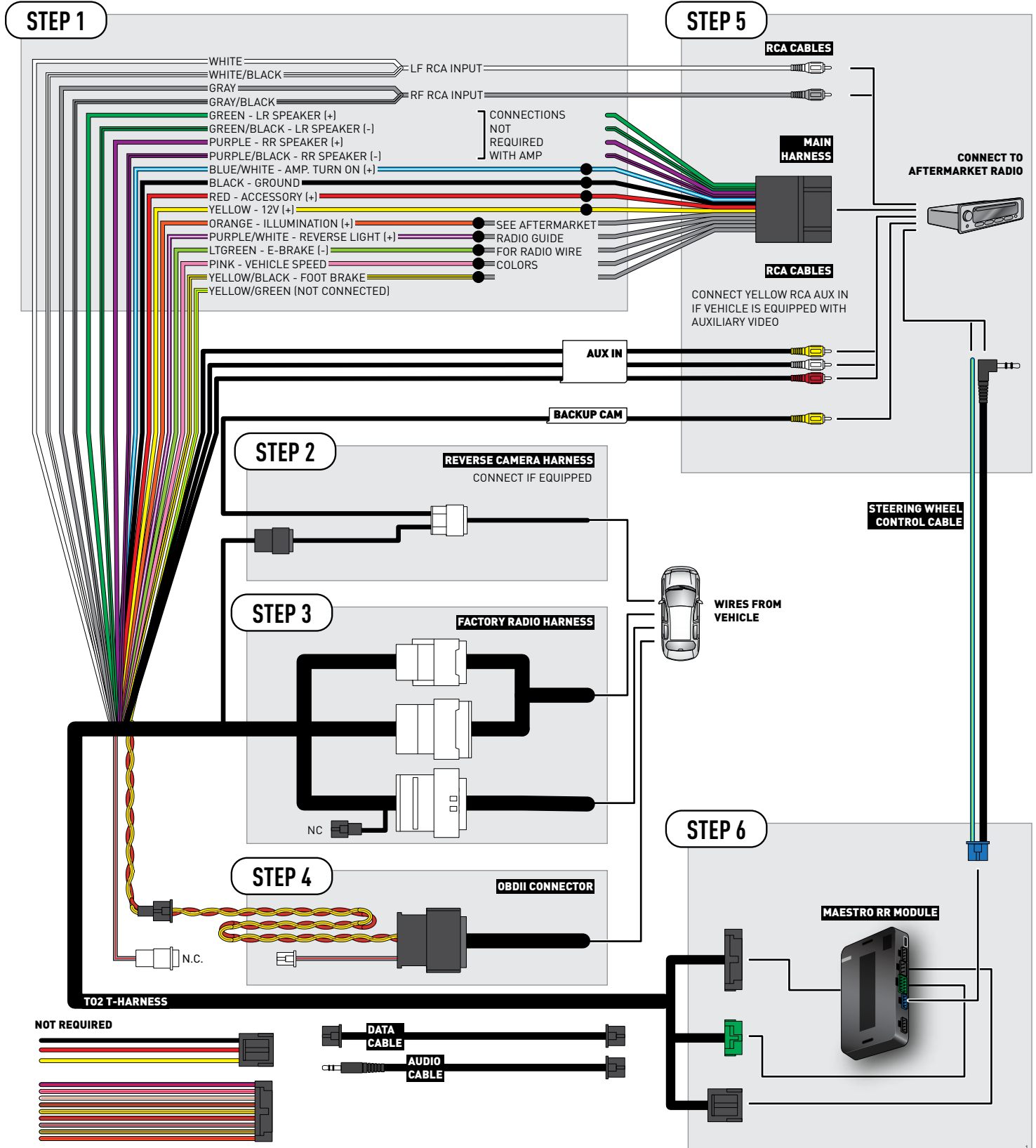
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PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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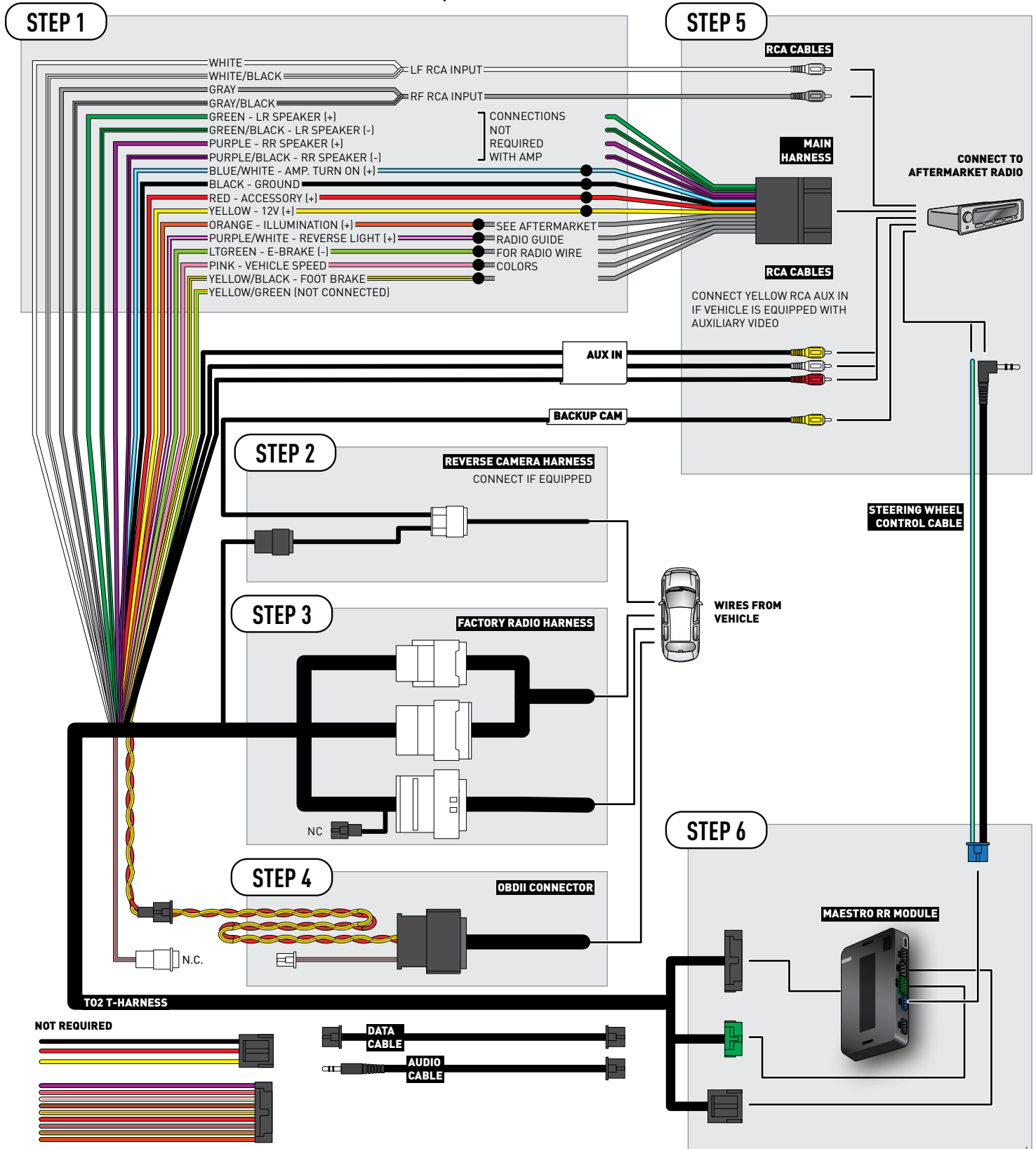
STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

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

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES


WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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

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

NEED HELP?

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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 T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

Note: The reverse camera cannot be retained in this vehicle.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
- Plug the Black 2 pin connector of the T02 T-harness into the Black 2 pin connector on the OBDII harness.
- Plug the OBDII connector into the OBDII of the vehicle.

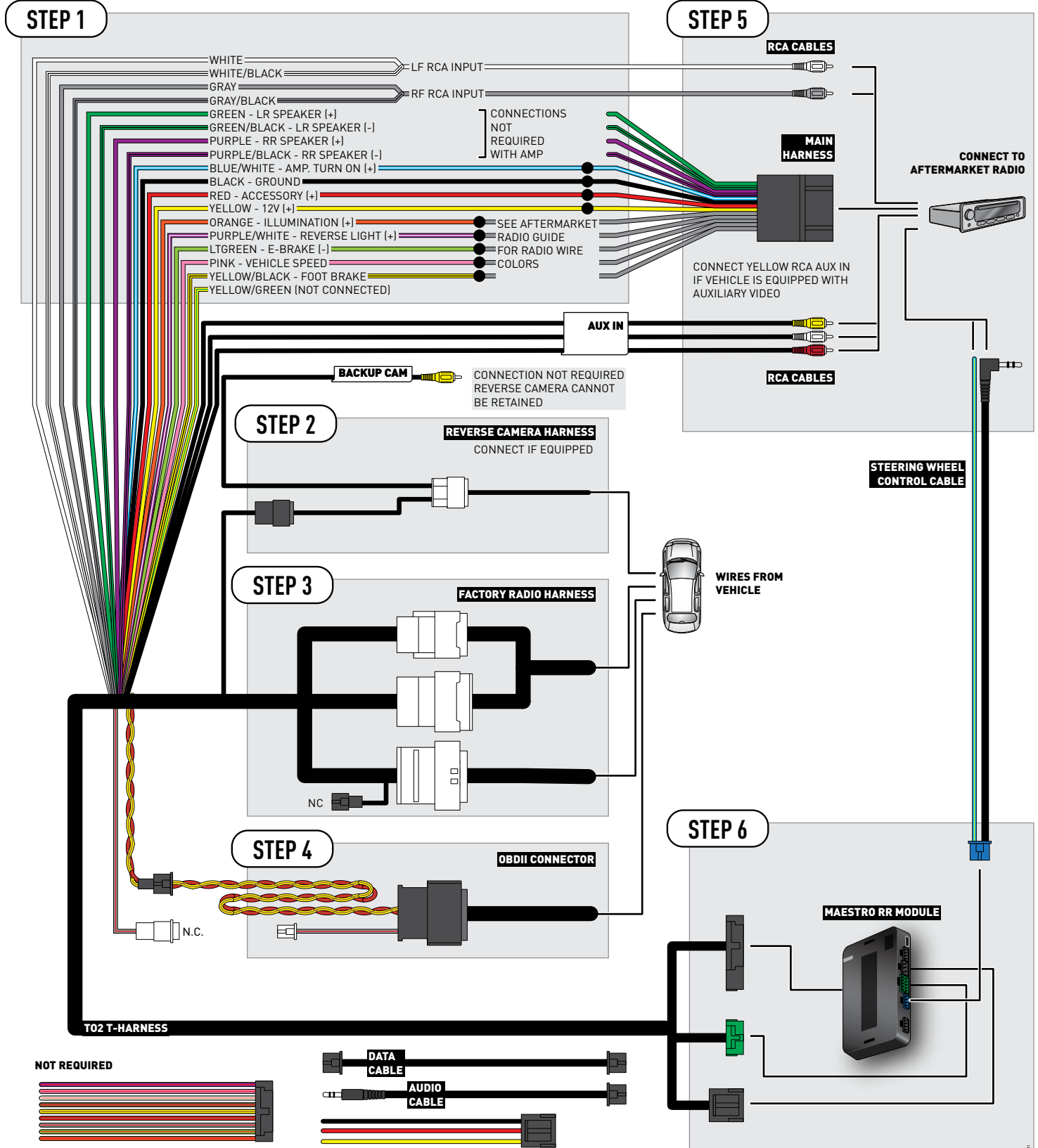
STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
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STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

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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>
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RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



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PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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- Cut and remove the front speaker wire junction connectors.
- Connect the wires shown on the next page from aftermarket radio main harness to the T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

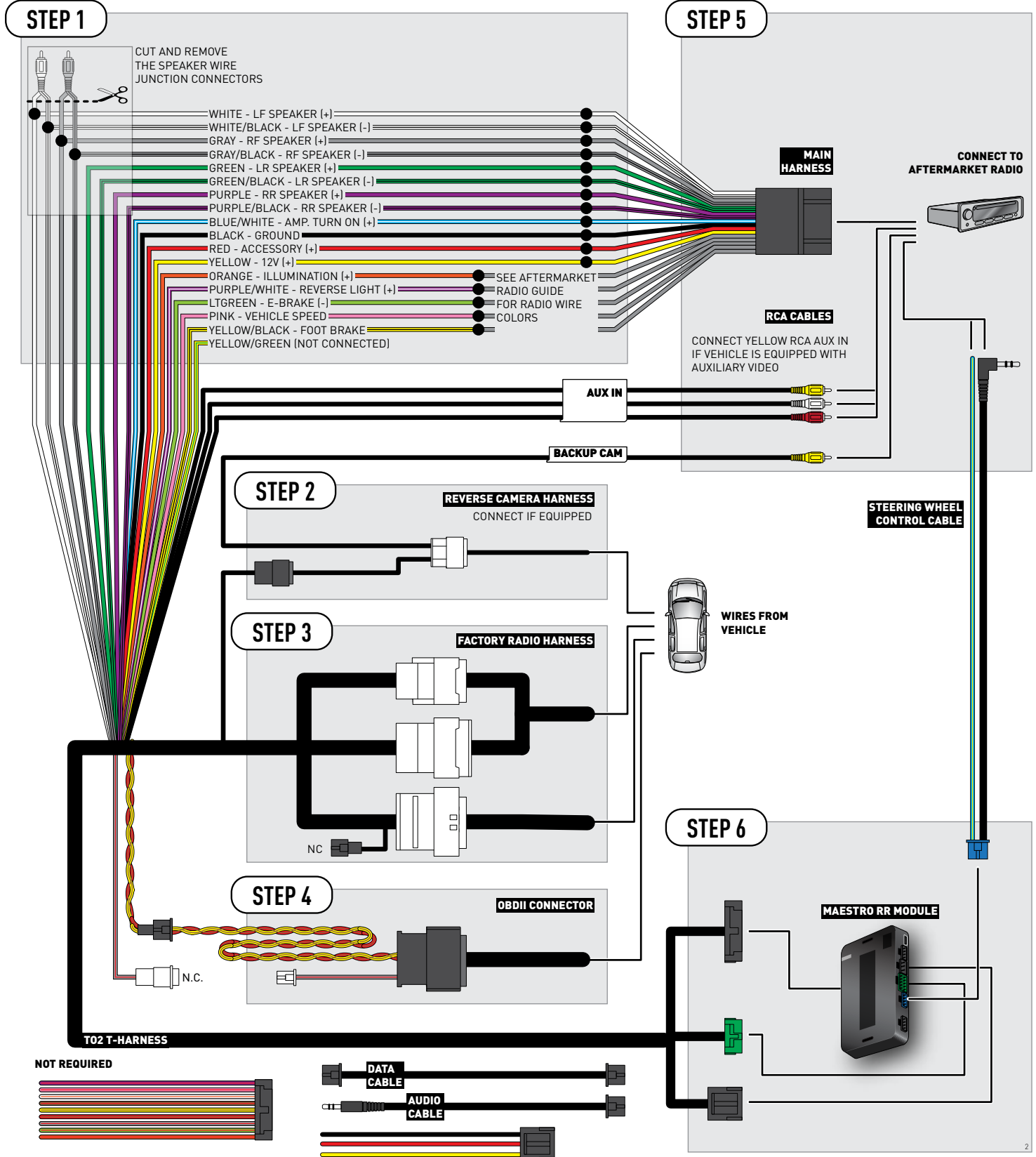
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- Plug the OBDII connector into the OBDII of the vehicle.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6 Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

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PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES


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STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
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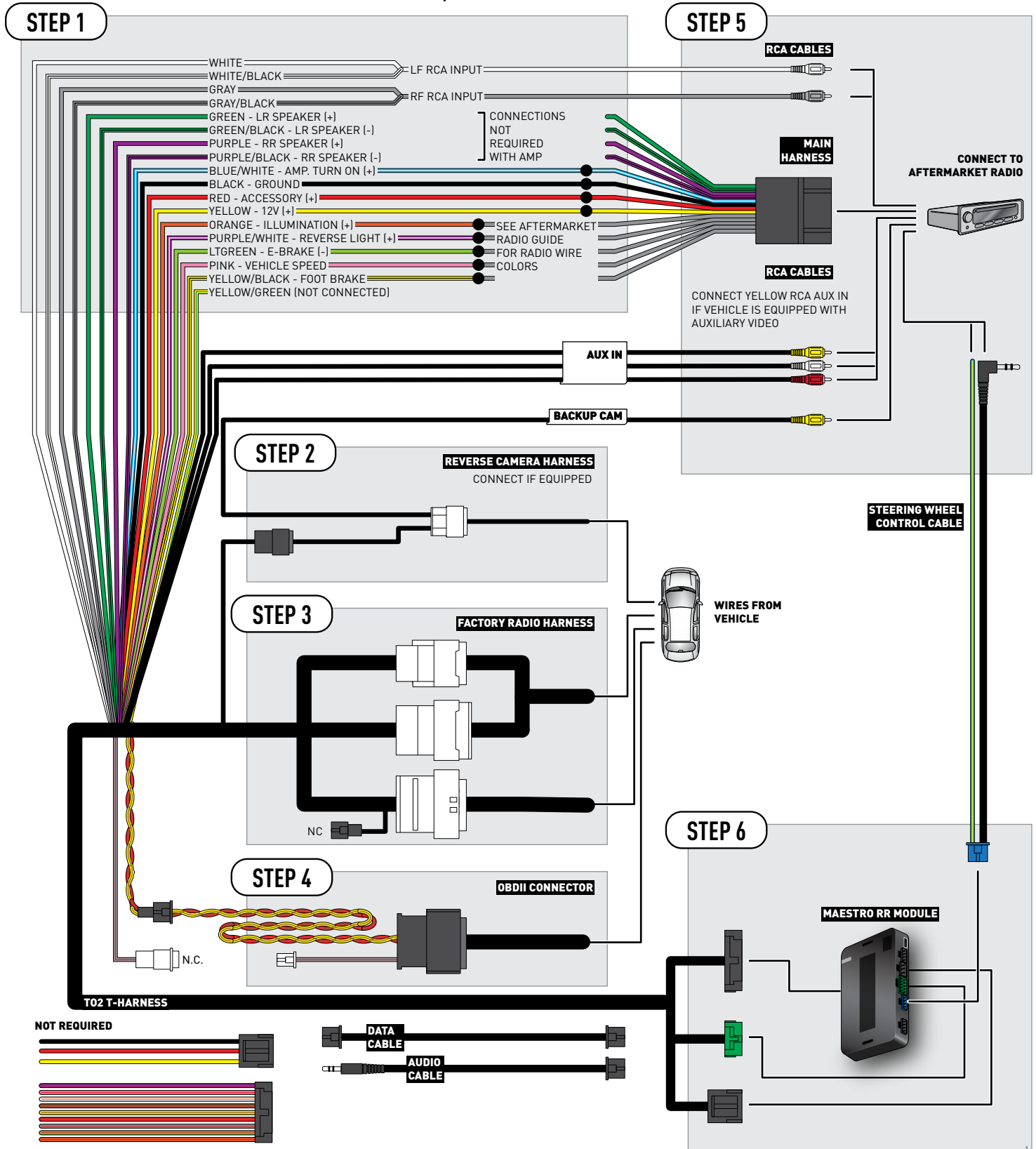
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- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
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- Plug the steering wheel control cable into the aftermarket radio.

STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

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RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!



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PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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- Cut and remove the front speaker wire junction connectors.
- Connect the wires shown on the next page from aftermarket radio main harness to the T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

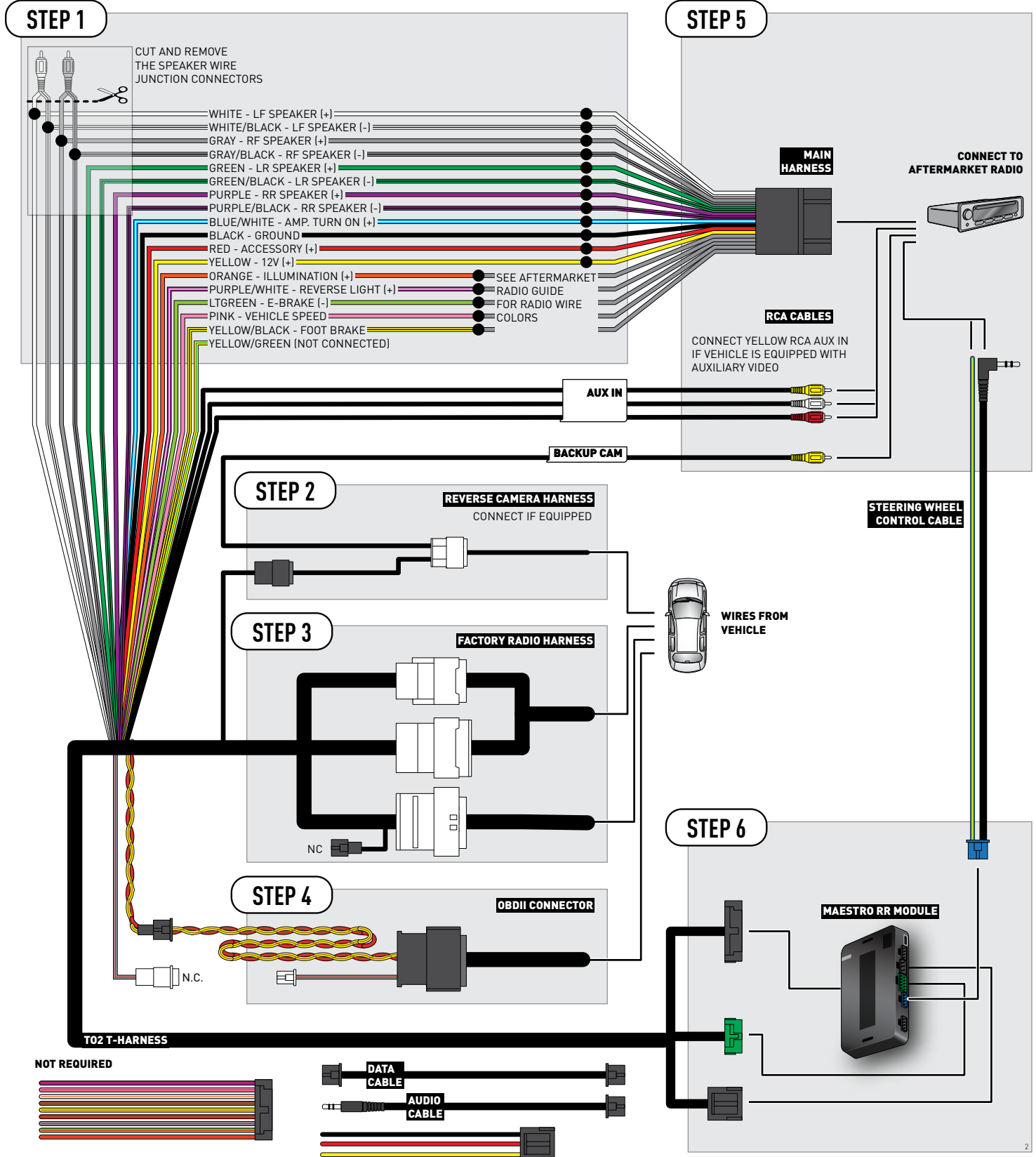
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- Plug the OBDII connector into the OBDII of the vehicle.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6 Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
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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, FACTORY AMPLIFIER, AND MORE!



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iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

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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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- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
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- Plug the OBDII connector into the OBDII of the vehicle.

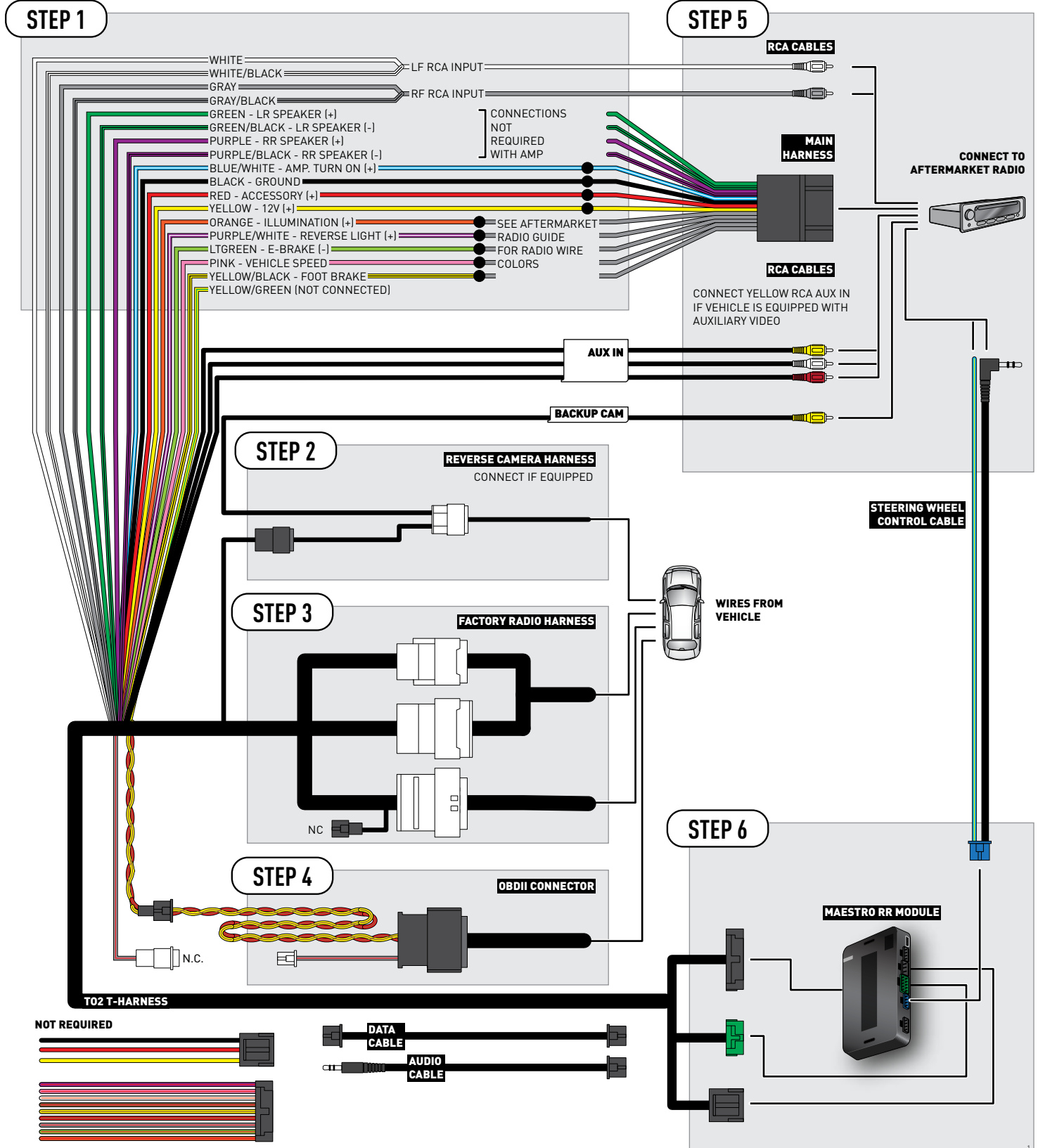
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- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
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STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

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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>
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- Unbox the aftermarket radio and locate its main harness.
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- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

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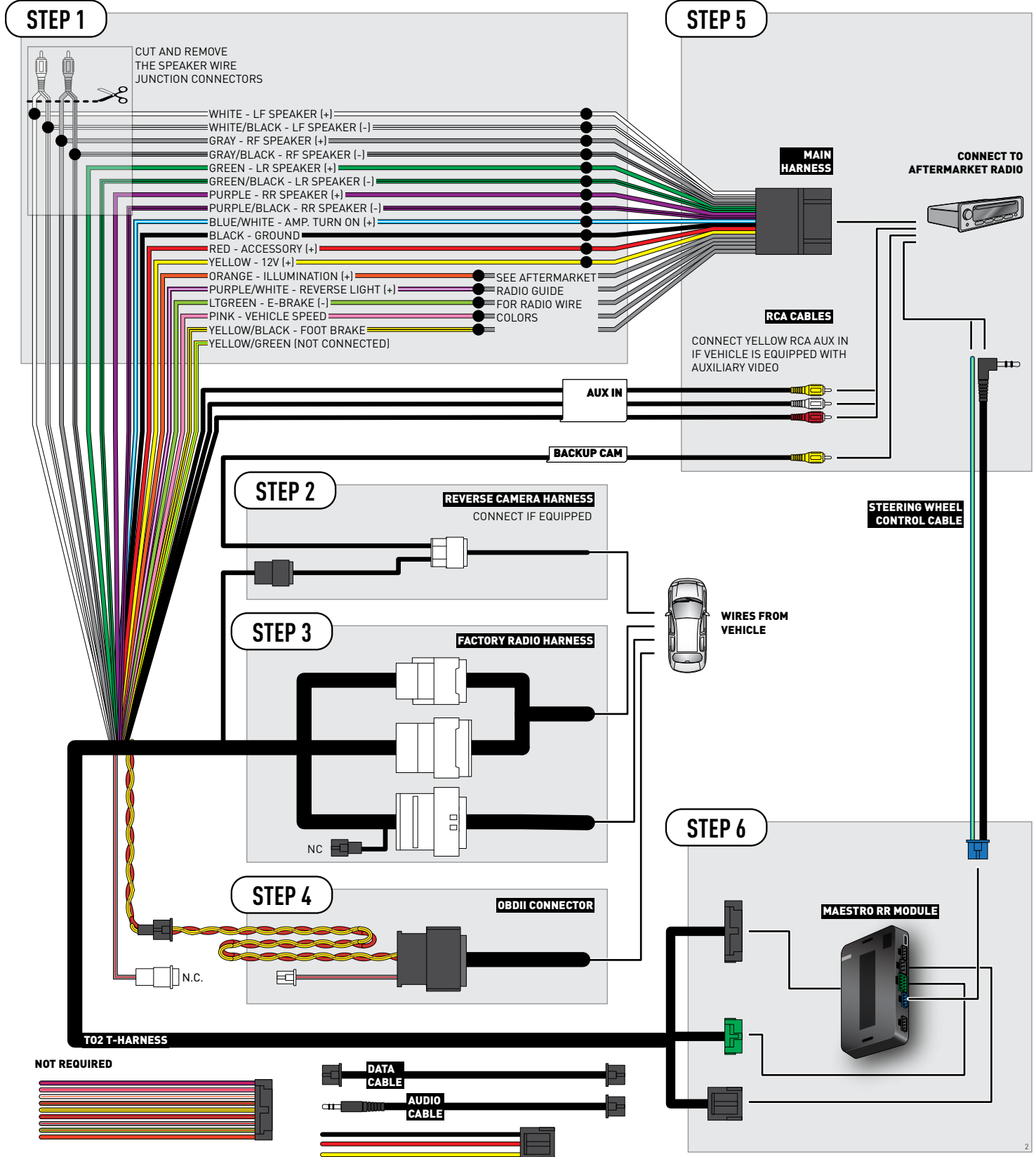
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WIRING DIAGRAM *without an Amplifier*



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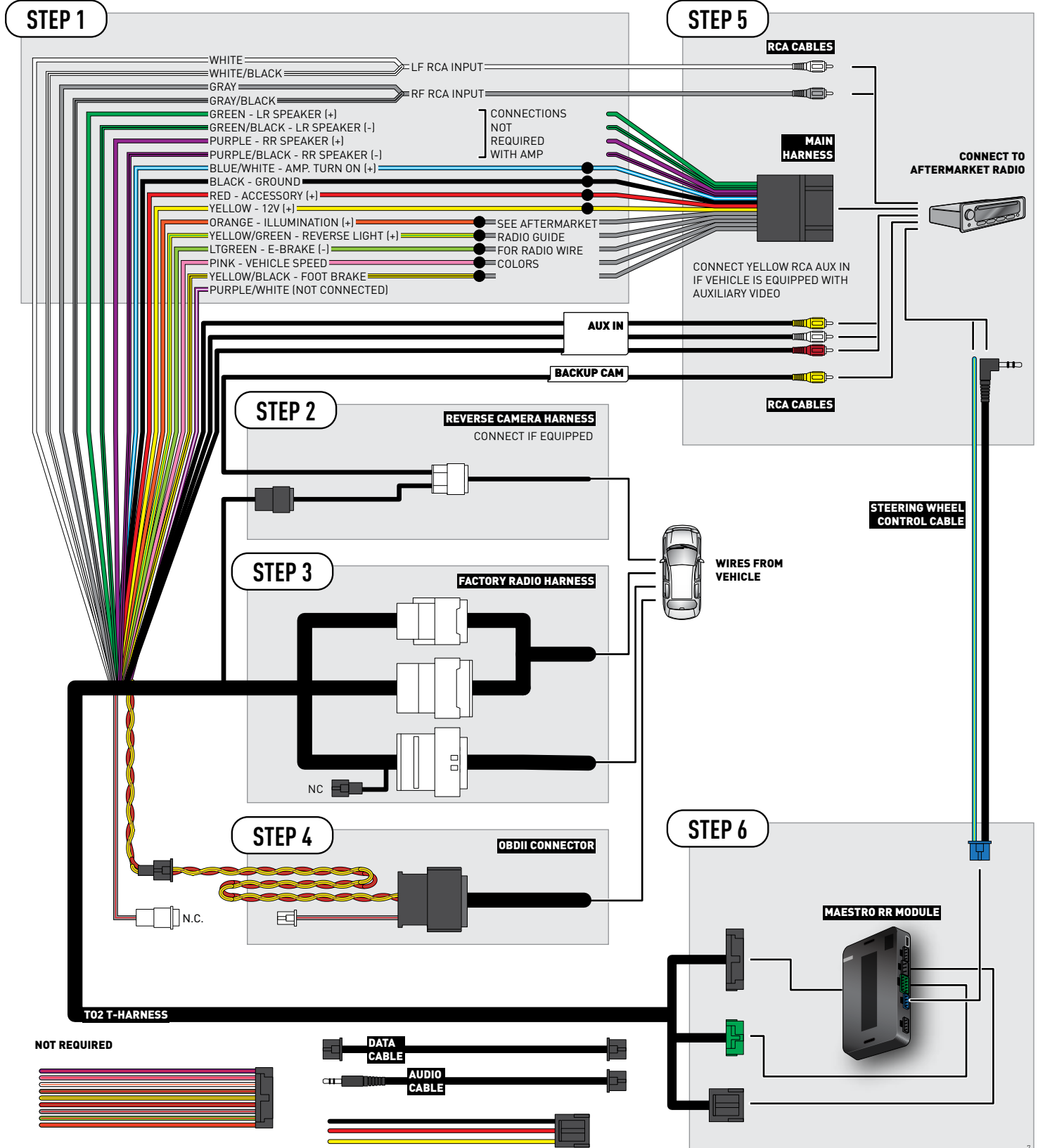
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WIRING DIAGRAM *with an Amplifier*



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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, FACTORY AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-TO2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY02-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES


WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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

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

NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

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

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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 T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera: Cut the reverse camera plug of the T02 T-harness and connect the wires as indicated in the wiring diagram next page (BROWN/RED and BROWN/YELLOW wires are not used).

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
- Plug the Black 2 pin connector of the T02 T-harness into the Black 2 pin connector on the OBDII harness.
- Plug the OBDII connector into the OBDII of the vehicle.

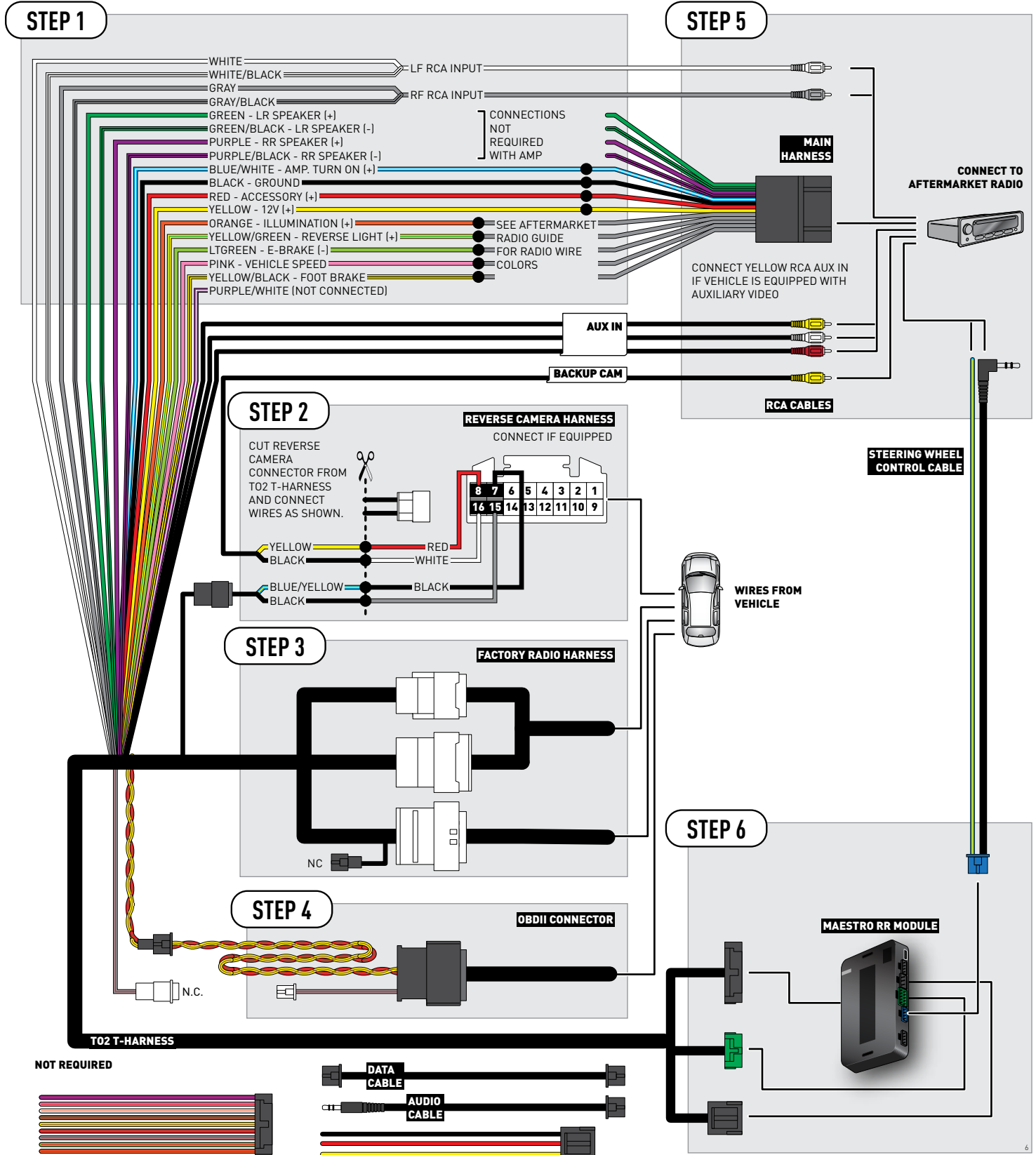
STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *with an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the front speaker wire junction connectors.
- Connect the wires shown on the next page from aftermarket radio main harness to the T02 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T02 T-harness to the backup camera harness.

STEP 3

- Connect the factory harness to the T02 T-harness.

STEP 4

- Unplug the Black 2 pin connector near the 28 Pin connector of the T02 T-harness.
- Plug the Black 2 pin connector of the T02 T-harness into the Black 2 pin connector on the OBDII harness.
- Plug the OBDII connector into the OBDII of the vehicle.

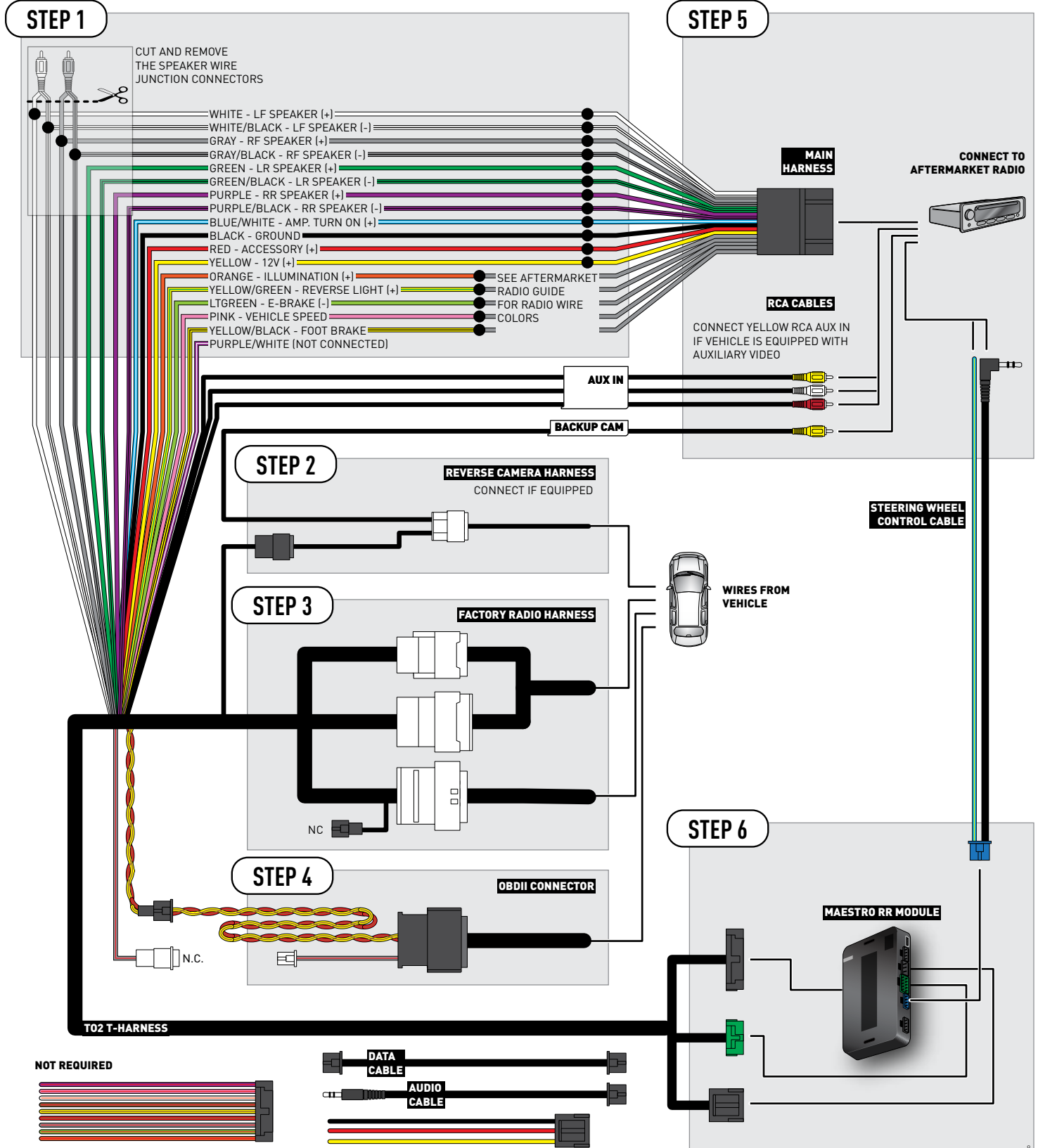
STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the backup camera RCA cable into the aftermarket radio (if equipped).
- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Plug the steering wheel control cable into the aftermarket radio.

STEP 6

- Connect all the harnesses to the Maestro RR module then test your installation.

WIRING DIAGRAM *without an Amplifier*



TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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>
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