



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, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03E-DS

ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

OPTIONAL ACCESSORIES

K40[™]
ELECTRONICS
ESCORT

Click here for:
[Radar Installation Guides](#)

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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INSTALLATION INSTRUCTIONS

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- Connect the wires shown on the next page from aftermarket radio main harness to the CH3 T-harness and match the wire functions.

STEP 2

- Unplug the female WHITE 2 pin connector and plug it to the male RED connector of your CH3 T-harness. The male WHITE 2 pin connector will remain disconnected.
- Unplug the BLACK 2 pin connector of your CH3 T-harness. The female BLACK 2 pin connector will remain disconnected.
- Remove the factory radio.

STEP 3

- Plug the male BLACK 2 pin connector of your CH3 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 4

- Connect the factory harness to the CH3 T-harness.

STEP 5

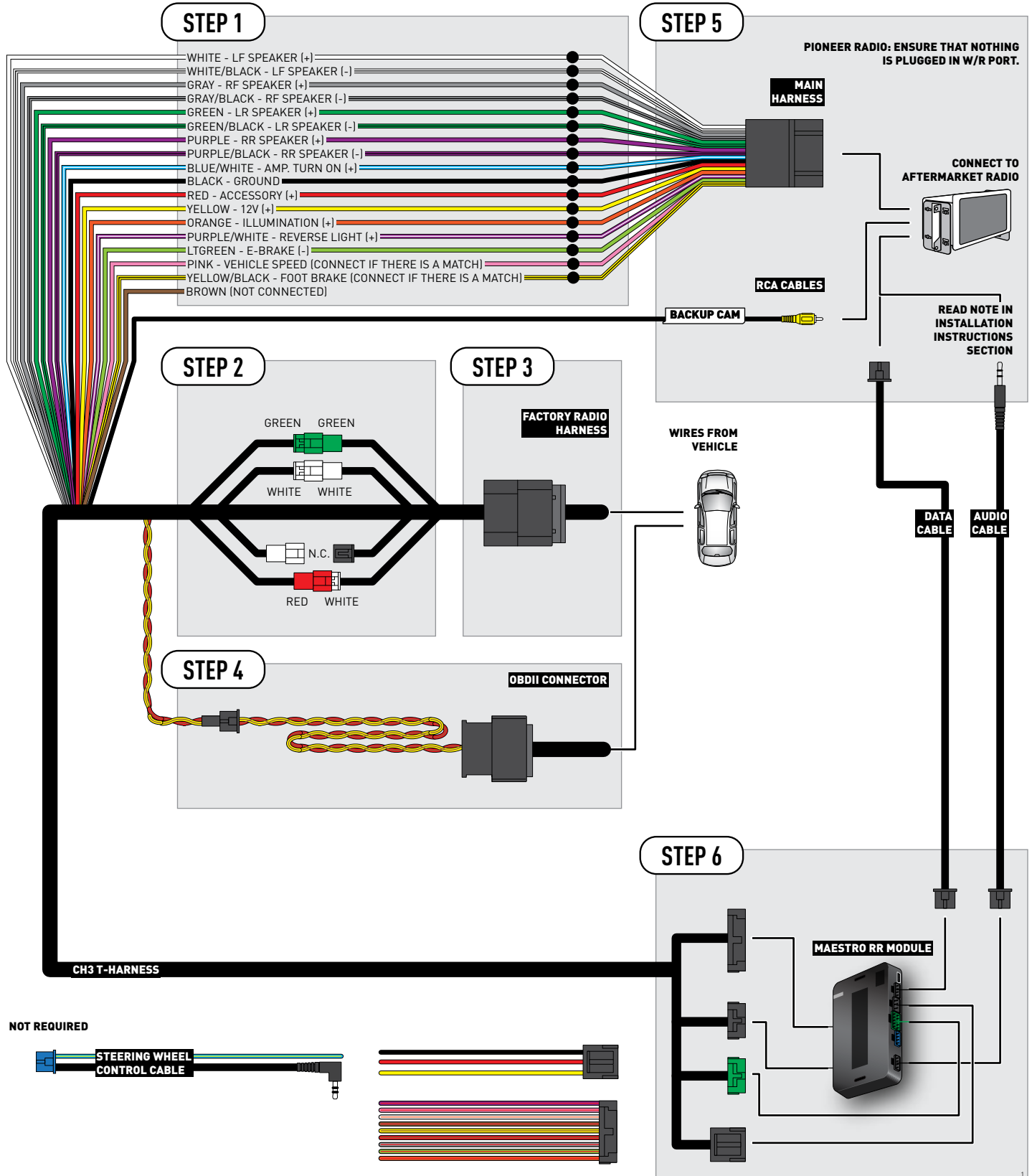
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDataLink 3.5 mm audio jack of the aftermarket radio (if there is no iDataLink audio input, connect to AUX).

Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the RED/BROWN wire is on PIN 6 and the YELLOW/BROWN wire is connected to PIN 14 of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
When making a phone call you cannot hear the callers but they can hear you.	Make sure that the 4-pin green and white connectors in the harness are plugged in correctly as stated in step 2.
The radio stays ON or the radio doesn't come ON at all.	Make sure the 2-pin colored connectors in the harness are connected correctly as stated in step 2.
The light on the Maestro is flashing RED ONCE .	There is no firmware on the module; flash the RR module.
The light on the Maestro is blinking RED TWICE .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

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

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- Remove the factory radio.

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- Plug the male BLACK 2 pin connector of your CH3 T-harness into the OBDII connector.
- Plug the OBDII connector into the OBDII of the vehicle.

STEP 4

- Connect the factory harness to the CH3 T-harness.

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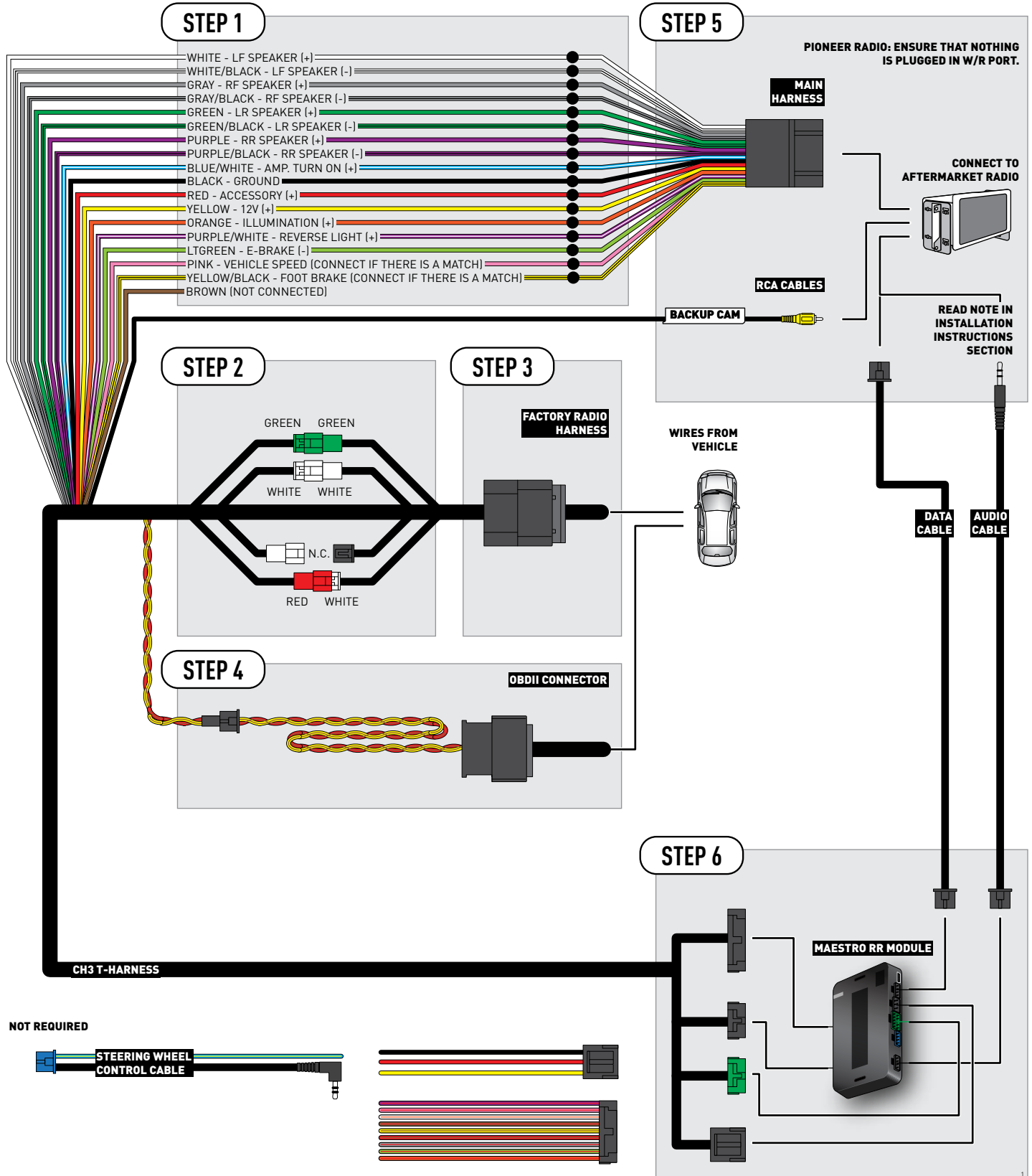
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Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

WIRING DIAGRAM



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Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable	Wire Color on Sony cable
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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the RED/BROWN wire is on PIN 6 and the YELLOW/BROWN wire is connected to PIN 14 of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
When making a phone call you cannot hear the callers but they can hear you.	Make sure that the 4-pin green and white connectors in the harness are plugged in correctly as stated in step 2.
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MAESTRO RR RESET PROCEDURE:

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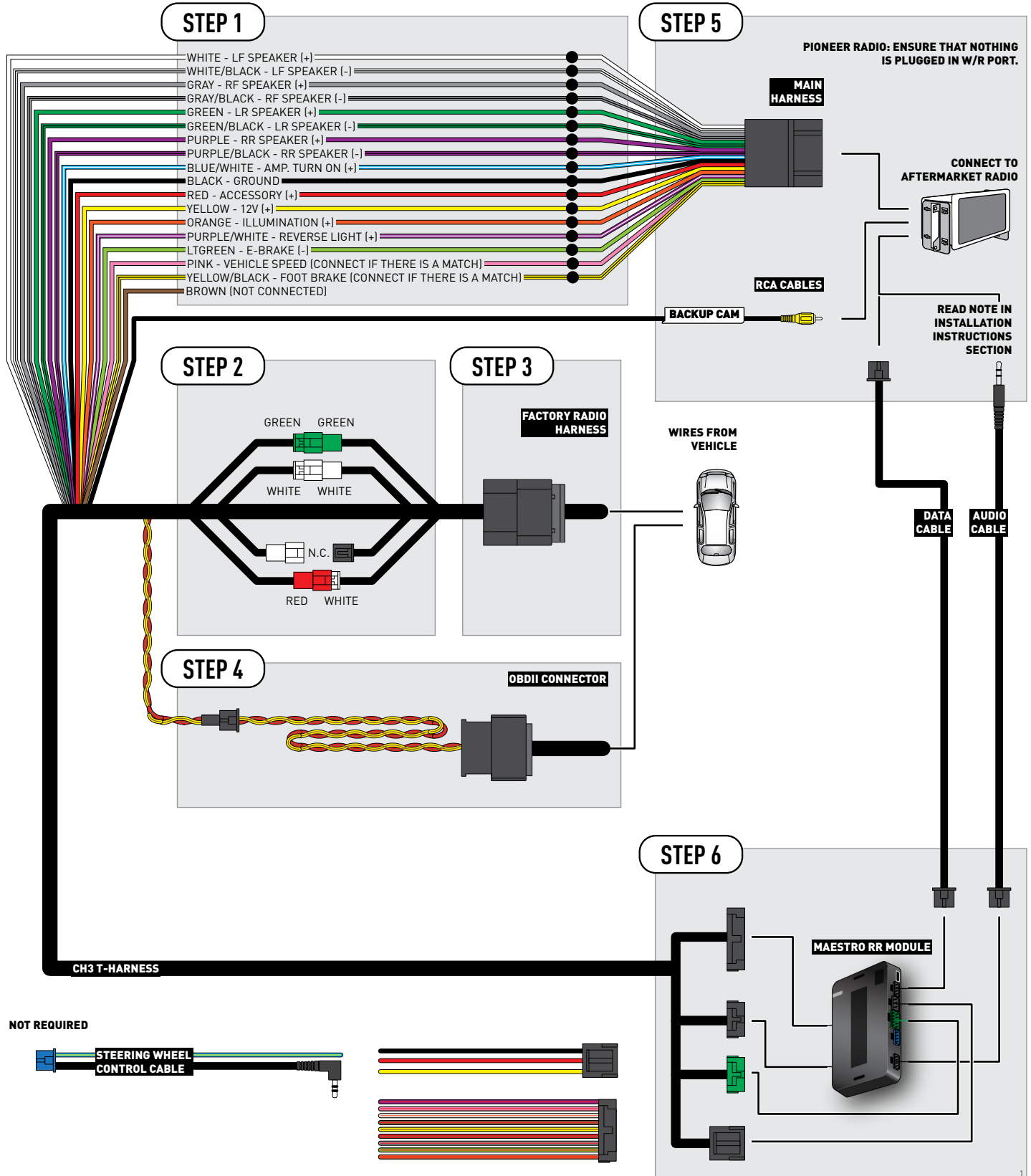
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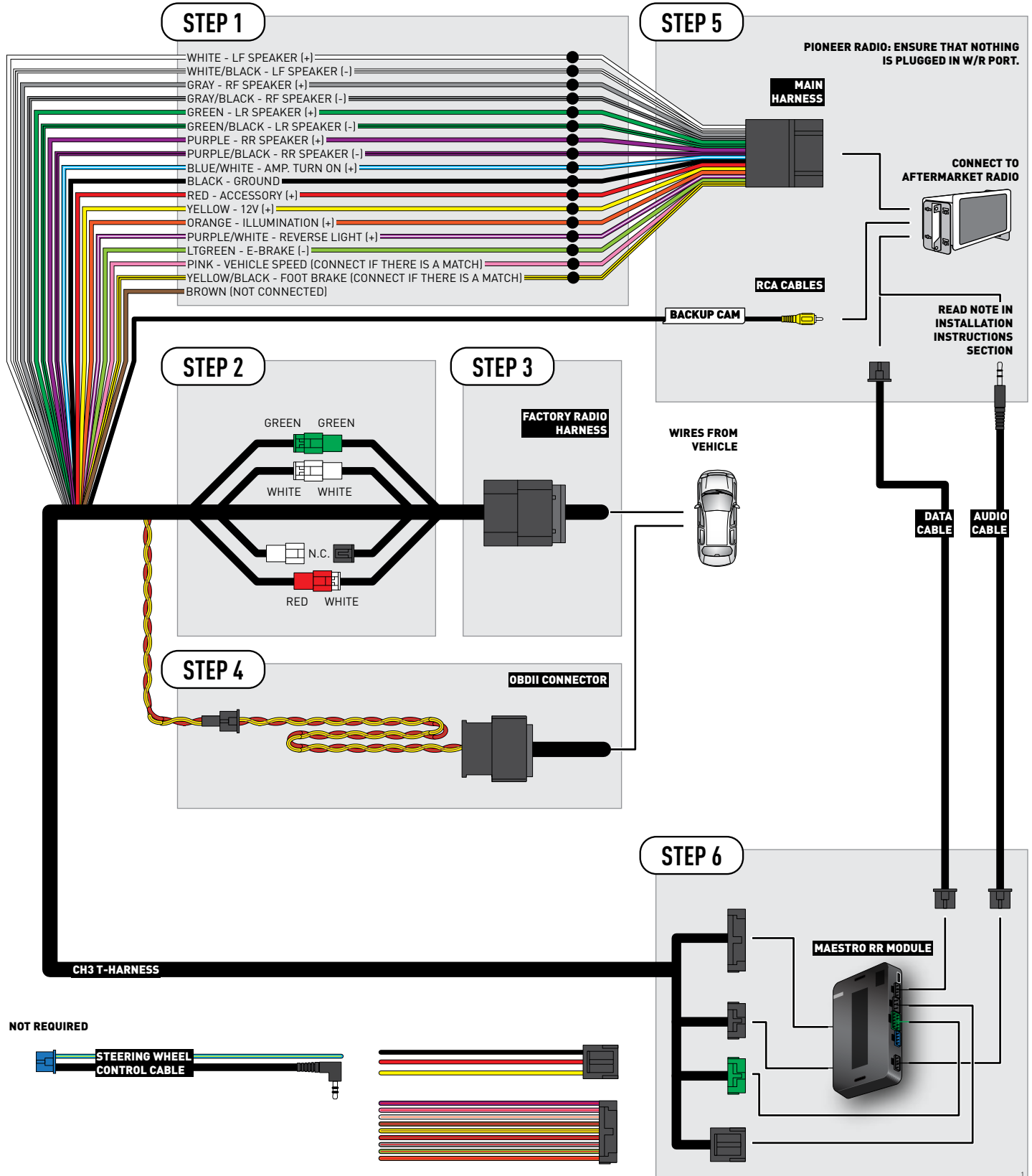
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