



HOW TO USE THIS INSTALL GUIDE

- 1** Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.
- 2** Print only the pages for your vehicle using the advanced options in the Print menu.
- 3** Install your Maestro RR according to the guide for your vehicle.

WARNING

Pressing the printer icon or “quick printing” this document will print all of the guides in this compilation.



INSTALL GUIDE CHRYSLER 300 2015-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 support@idatalink.com

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

DURING INSTALLATION

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Wiring Diagram	4
Radio Wire Reference Chart	5

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 CH3 T-harness and match the wire functions.

STEP 2

- Determine if the vehicle has a factory amplifier. Look for badges on the radio, door panels and dash that indicate the presence of an amplifier (ex: Alpine).

If the vehicle DOES NOT have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle DOES have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- 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.

NOTE:

In Pioneer radios: plug Audio cable in auxiliary input of the radio.

If the vehicle is equipped with parking sensors AND using an Alpine radio: plug Audio cable in auxiliary input of the radio.

STEP 5

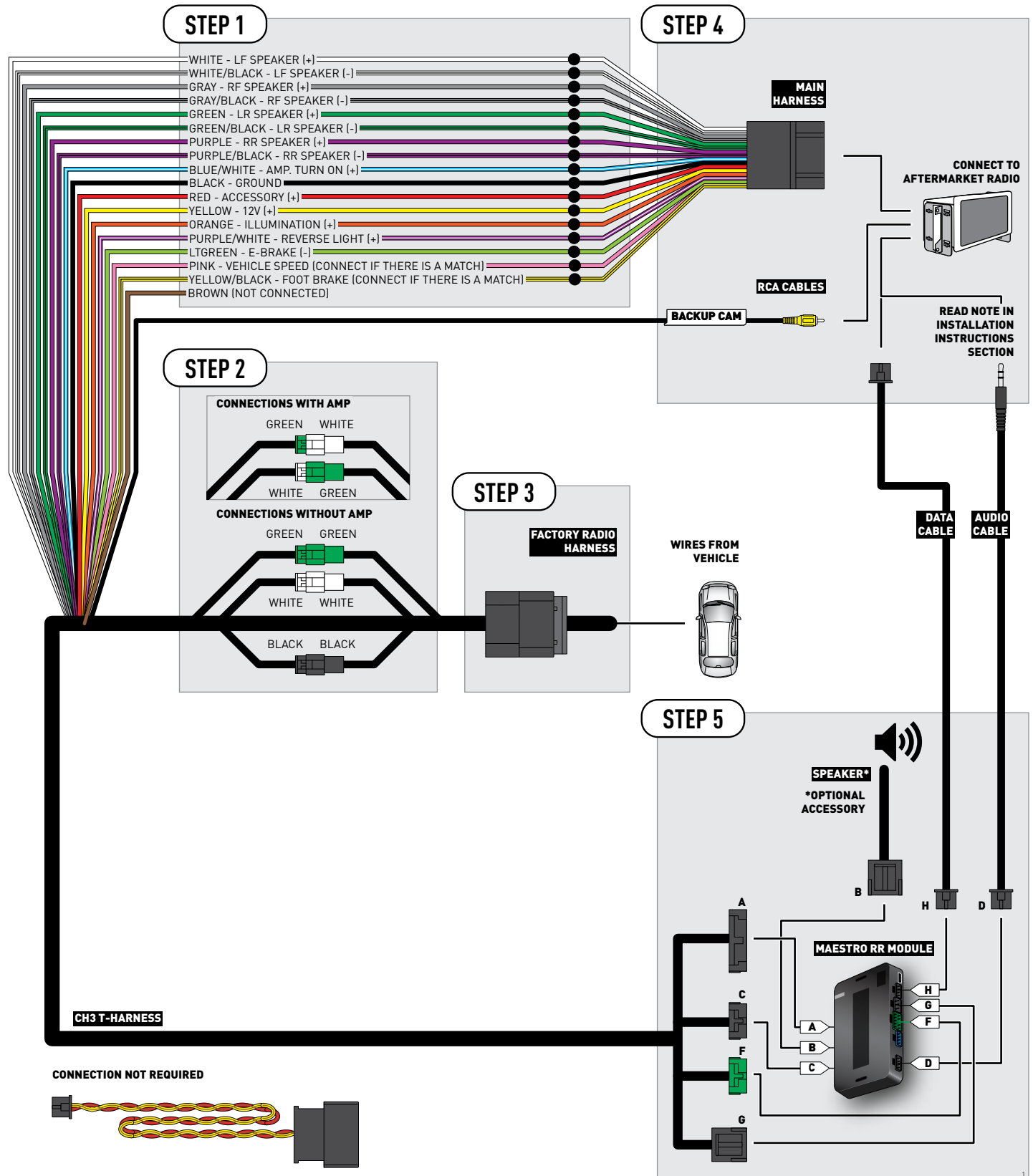
- Connect all the harnesses to the Maestro RR module then test your installation.
- If the vehicle is equipped with OEM parking assist, lane departure, or other safety systems, the ADS-SP1 is required: Plug the ADS-SP1 the Maestro RR.

If you are not using this speaker, the radio will mute when the parking assist is active. If you are using this speaker, the parking assist chimes will play through the external speaker and the radio will not mute unless the settings are changed in the radio.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE CHALLENGER 2015-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

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

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INSTALLATION INSTRUCTIONS

STEP 1

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

- Determine if the vehicle has a factory amplifier. Look for badges on the radio, door panels and dash that indicate the presence of an amplifier (ex: Alpine).

If the vehicle DOES NOT have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle DOES have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- 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.

NOTE:

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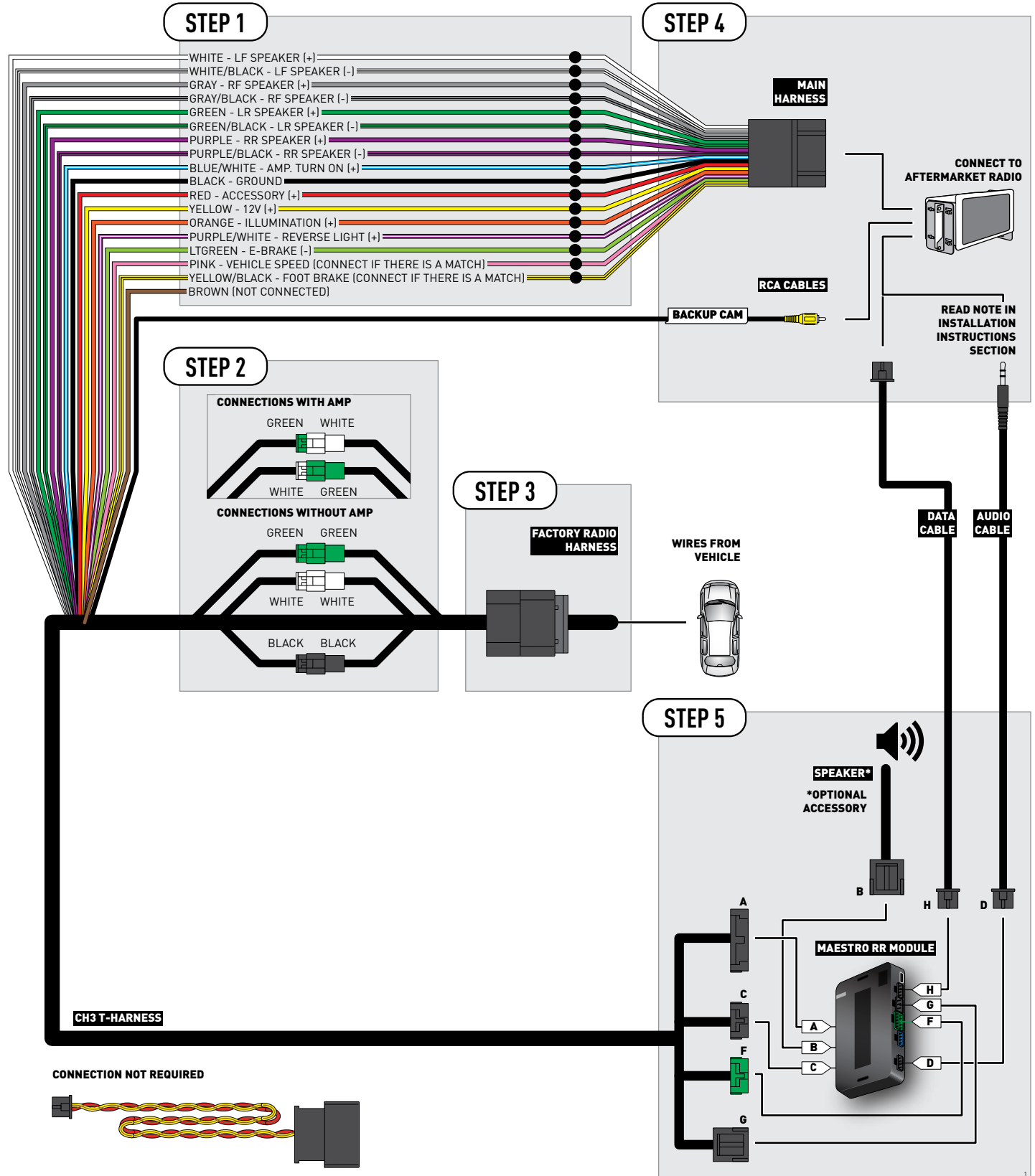
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- If the vehicle is equipped with OEM parking assist, lane departure, or other safety systems, the ADS-SP1 is required: Plug the ADS-SP1 the Maestro RR.

If you are not using this speaker, the radio will mute when the parking assist is active. If you are using this speaker, the parking assist chimes will play through the external speaker and the radio will not mute unless the settings are changed in the radio.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE CHARGER 2015-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

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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 CH3 T-harness and match the wire functions.

STEP 2

- Determine if the vehicle has a factory amplifier. Look for badges on the radio, door panels and dash that indicate the presence of an amplifier (ex: Alpine).

If the vehicle **DOES NOT** have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle **DOES** have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- 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.

NOTE:

In Pioneer radios: plug Audio cable in auxiliary input of the radio.

If the vehicle is equipped with parking sensors AND using an Alpine radio: plug Audio cable in auxiliary input of the radio.

STEP 5

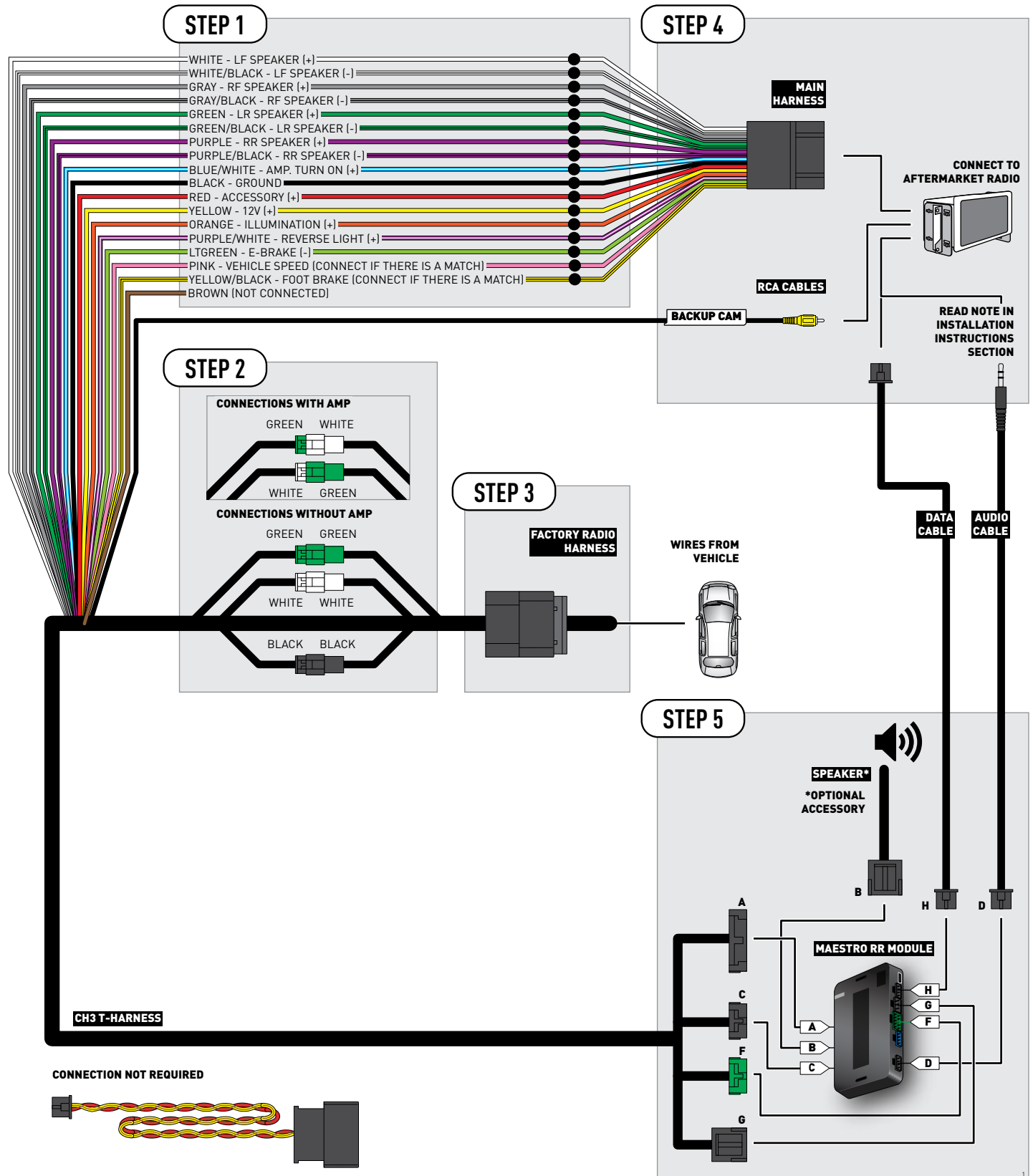
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If you are not using this speaker, the radio will mute when the parking assist is active. If you are using this speaker, the parking assist chimes will play through the external speaker and the radio will not mute unless the settings are changed in the radio.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE DODGE DURANGO 2014-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

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WELCOME

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


Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

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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 CH3 T-harness and match the wire functions.

STEP 2

- Determine if the vehicle has a factory amplifier. Look for badges on the radio, door panels and dash that indicate the presence of an amplifier (ex: Alpine).

If the vehicle DOES NOT have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle DOES have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- 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.

NOTE:

In Pioneer radios: plug Audio cable in auxiliary input of the radio.

If the vehicle is equipped with parking sensors AND using an Alpine radio: plug Audio cable in auxiliary input of the radio.

STEP 5

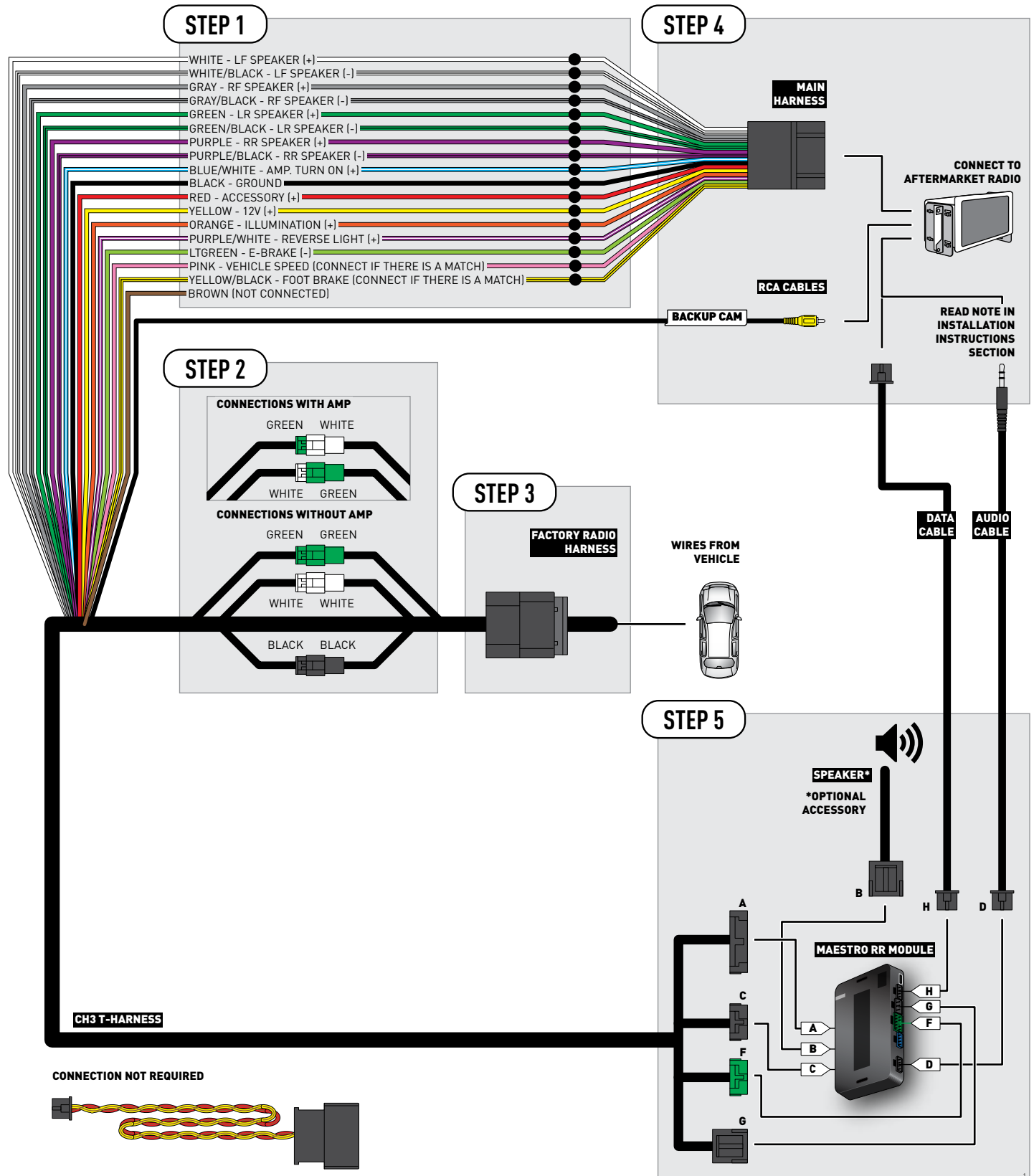
- Connect all the harnesses to the Maestro RR module then test your installation.
- If the vehicle is equipped with OEM parking assist, lane departure, or other safety systems, the ADS-SP1 is required: Plug the ADS-SP1 the Maestro RR.

If you are not using this speaker, the radio will mute when the parking assist is active. If you are using this speaker, the parking assist chimes will play through the external speaker and the radio will not mute unless the settings are changed in the radio.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE JEEP GRAND CHEROKEE 2014-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

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Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

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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 CH3 T-harness and match the wire functions.

STEP 2

- Determine if the vehicle has a factory amplifier. Look for badges on the radio, door panels and dash that indicate the presence of an amplifier (ex: Alpine).

If the vehicle DOES NOT have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle DOES have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- 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.

NOTE:

In Pioneer radios: plug Audio cable in auxiliary input of the radio.

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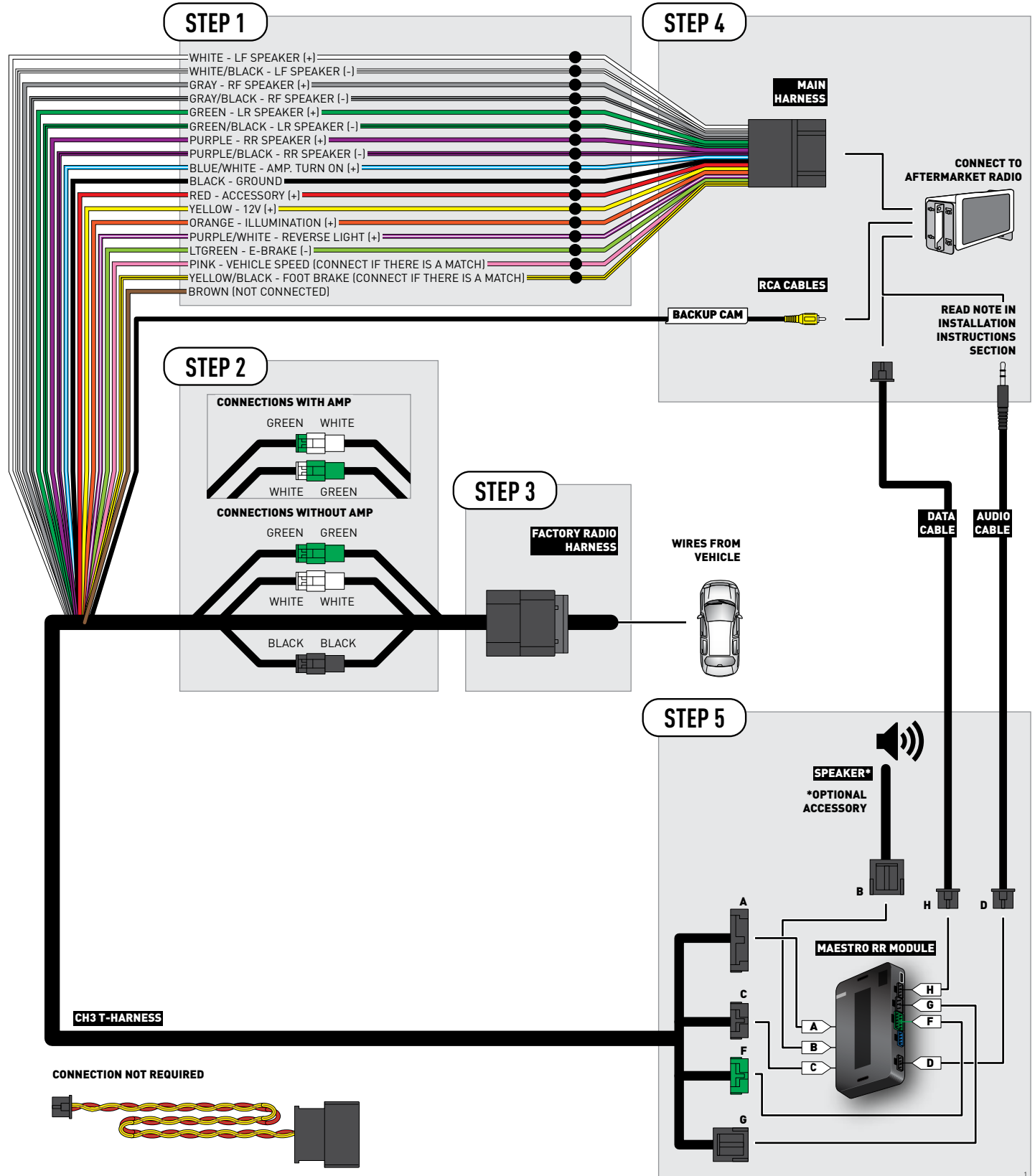
- Connect all the harnesses to the Maestro RR module then test your installation.
- If the vehicle is equipped with OEM parking assist, lane departure, or other safety systems, the ADS-SP1 is required: Plug the ADS-SP1 the Maestro RR.

If you are not using this speaker, the radio will mute when the parking assist is active. If you are using this speaker, the parking assist chimes will play through the external speaker and the radio will not mute unless the settings are changed in the radio.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE RAM 1500 2013-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

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DURING INSTALLATION

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Wiring Diagram	4
Radio Wire Reference Chart	5

INSTALLATION INSTRUCTIONS

STEP 1

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- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle DOES have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
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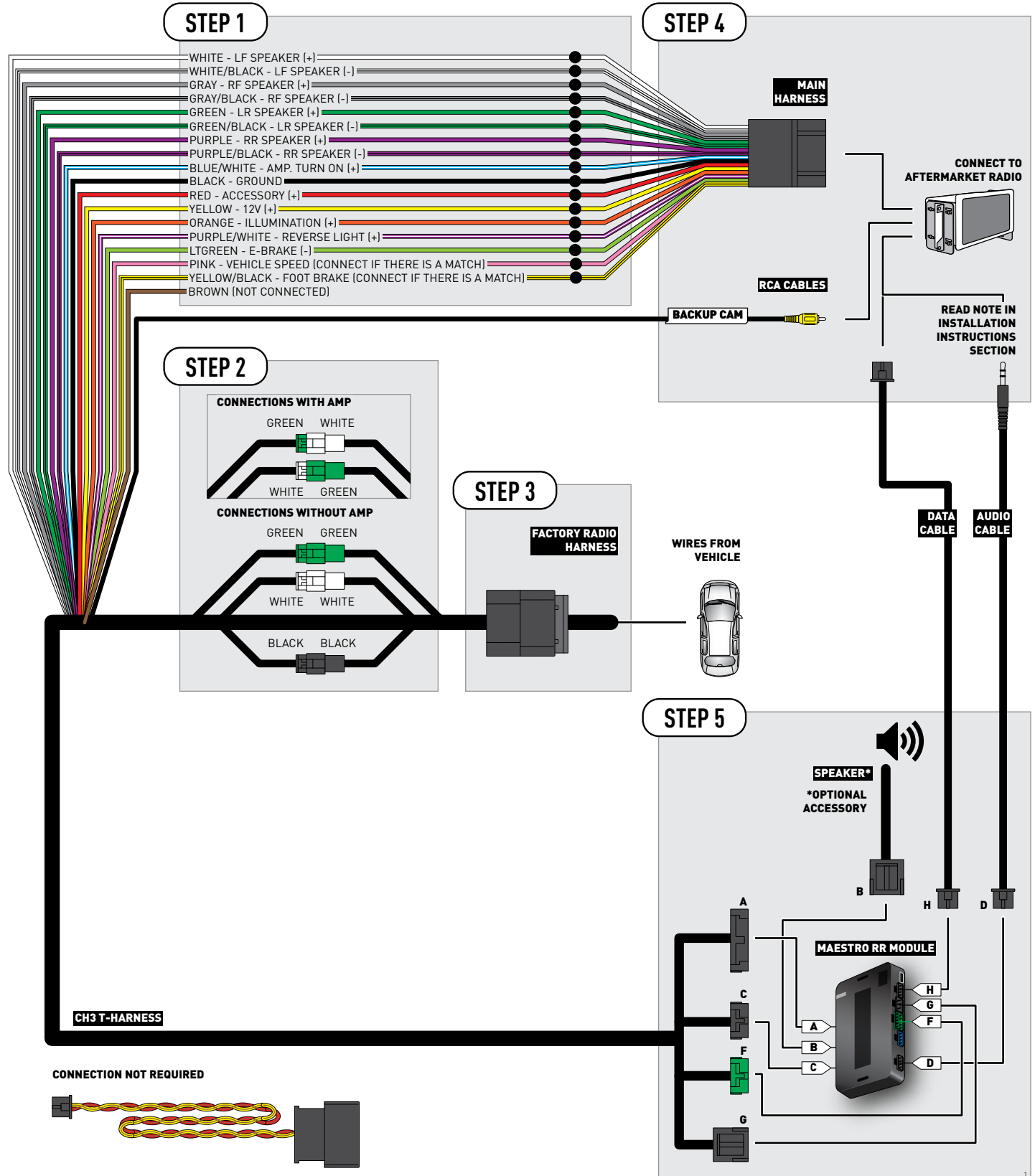
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WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE RAM 2500 & 3500 2013-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

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- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

- 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.

NOTE:

In Pioneer radios: plug Audio cable in auxiliary input of the radio.

If the vehicle is equipped with parking sensors AND using an Alpine radio: plug Audio cable in auxiliary input of the radio.

STEP 5

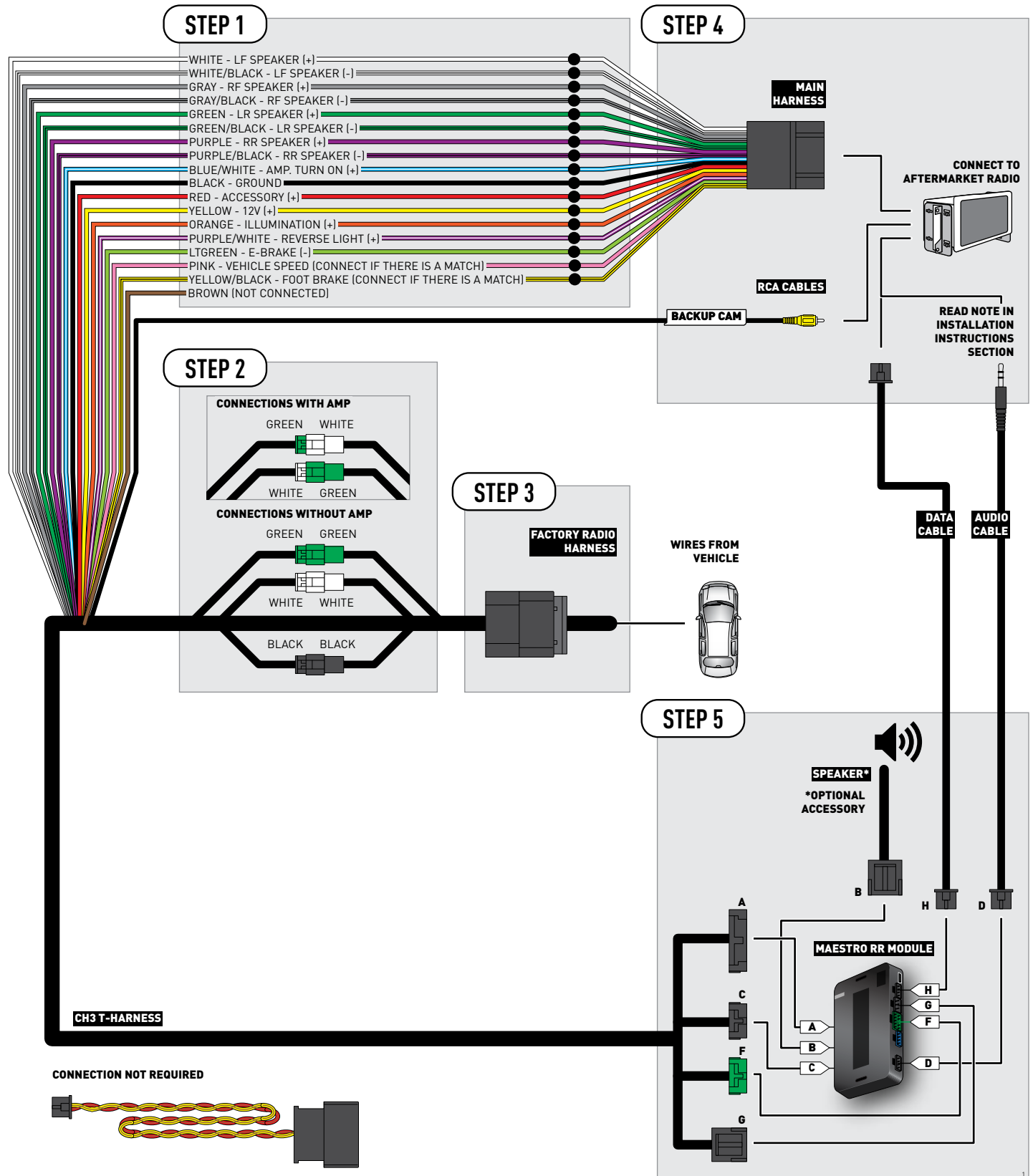
- Connect all the harnesses to the Maestro RR module then test your installation.
- If the vehicle is equipped with OEM parking assist, lane departure, or other safety systems, the ADS-SP1 is required: Plug the ADS-SP1 the Maestro RR.

If you are not using this speaker, the radio will mute when the parking assist is active. If you are using this speaker, the parking assist chimes will play through the external speaker and the radio will not mute unless the settings are changed in the radio.

TROUBLESHOOTING TIPS:

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink



INSTALL GUIDE RAM CHASSIS CAB 2013-2016

RETAINS STEERING WHEEL CONTROLS, VEHICLE SETTINGS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro CH3 Installation Harness

OPTIONAL ACCESSORIES

ADS-SP1

PROGRAMMED FIRMWARE

ADS-RR(SR)-CHR03-DS

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

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


Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

DURING INSTALLATION

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5

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 CH3 T-harness and match the wire functions.

STEP 2

- Determine if the vehicle has a factory amplifier. Look for badges on the radio, door panels and dash that indicate the presence of an amplifier (ex: Alpine).

If the vehicle **DOES NOT** have a factory amplifier:

- Plug the female GREEN connector to the male GREEN connector of your CH3 T-harness.
- Plug the female WHITE connector to the male WHITE connector of your CH3 T-harness.

If the vehicle **DOES** have a factory amplifier:

- Plug the female GREEN connector to the male WHITE connector of your CH3 T-harness.
- Plug the female WHITE connector to the male GREEN connector of your CH3 T-harness.

- Remove the factory radio.

STEP 3

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

STEP 4

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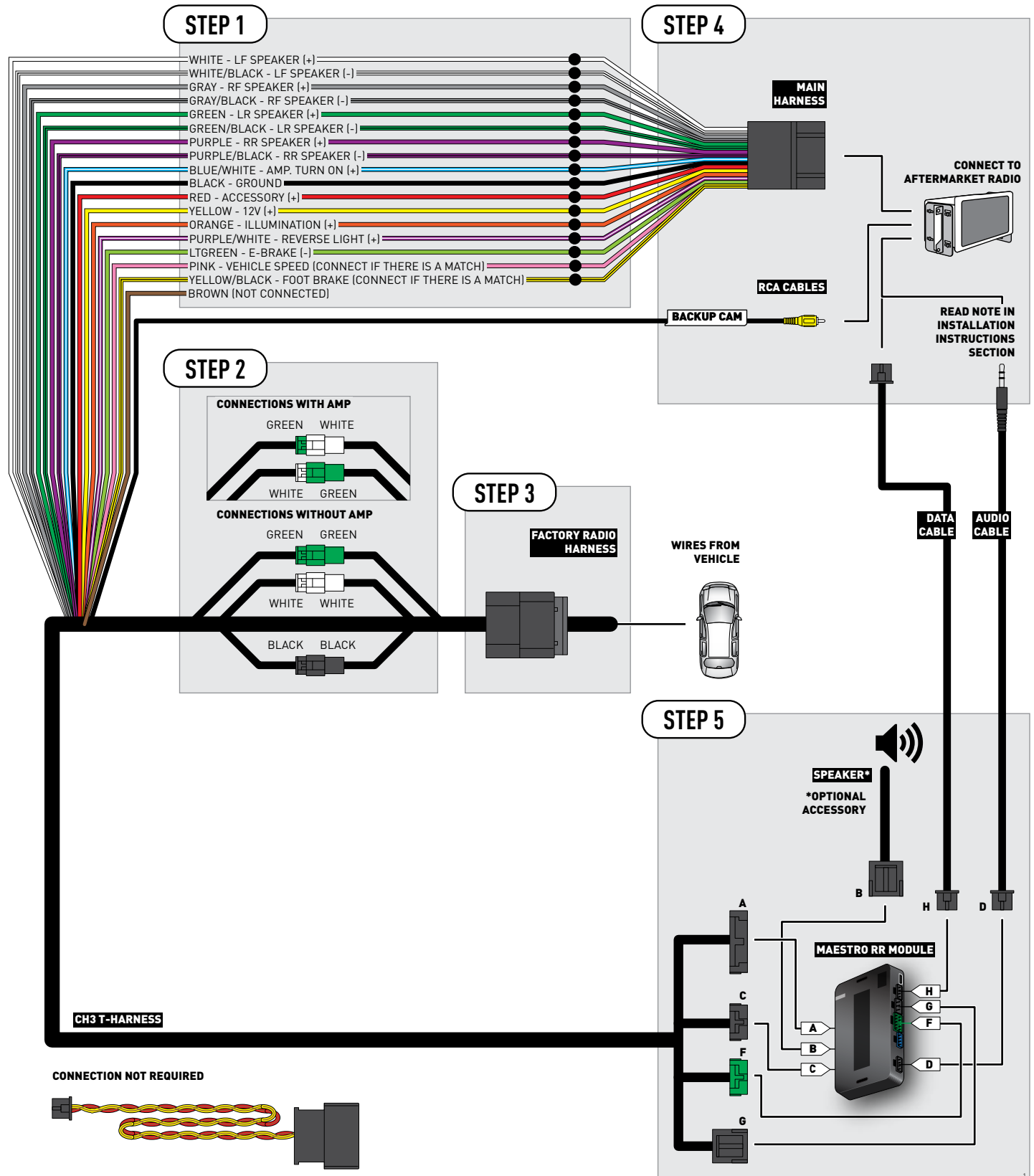
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Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink