



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 SCION IM 2016

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca

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

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Vehicle Wire Reference Chart	6

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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

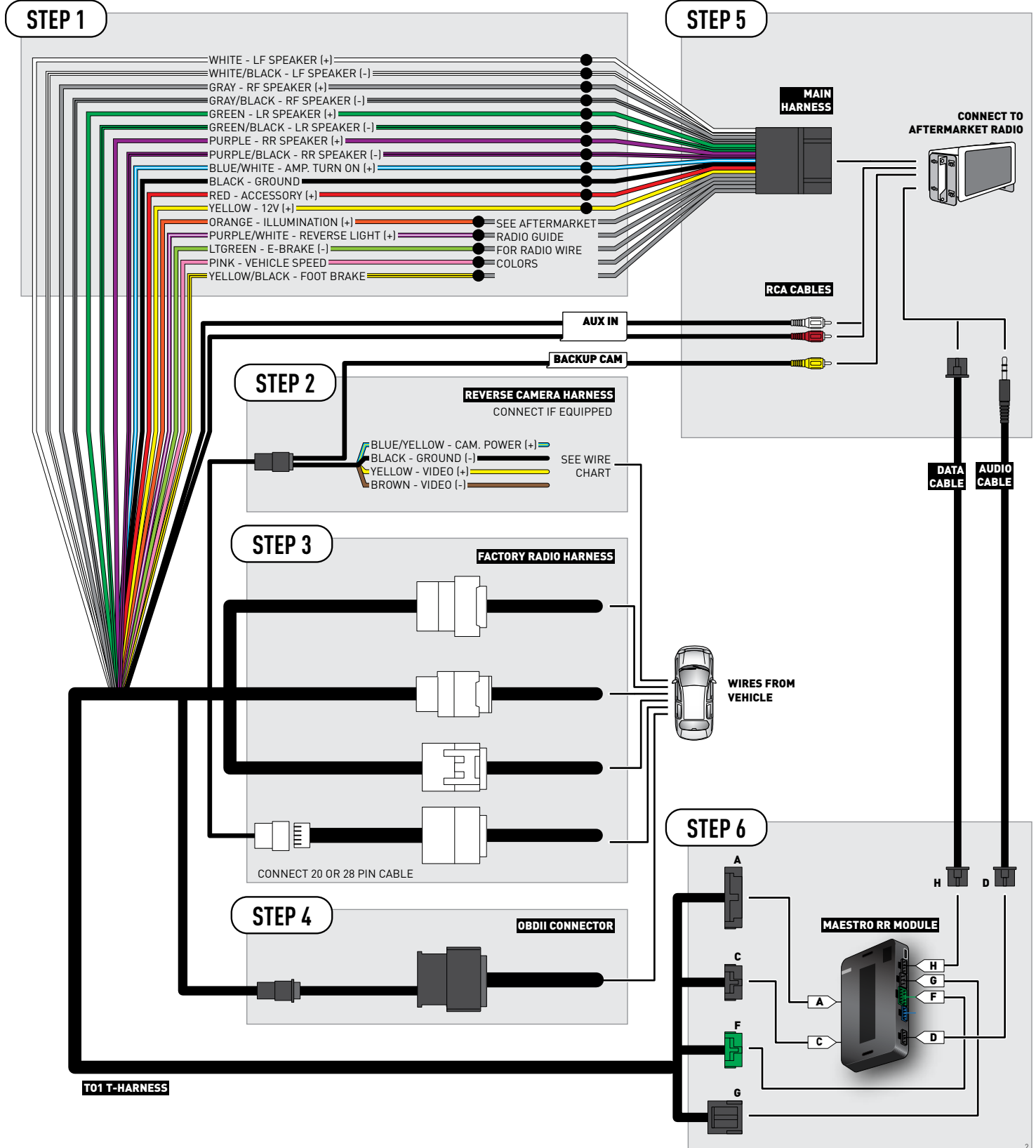
STEP 6

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

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 *without an Amplifier*



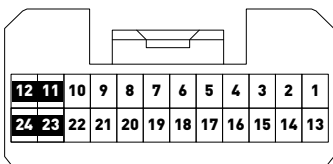
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Red	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Black	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE SCION IQ 2012-2015

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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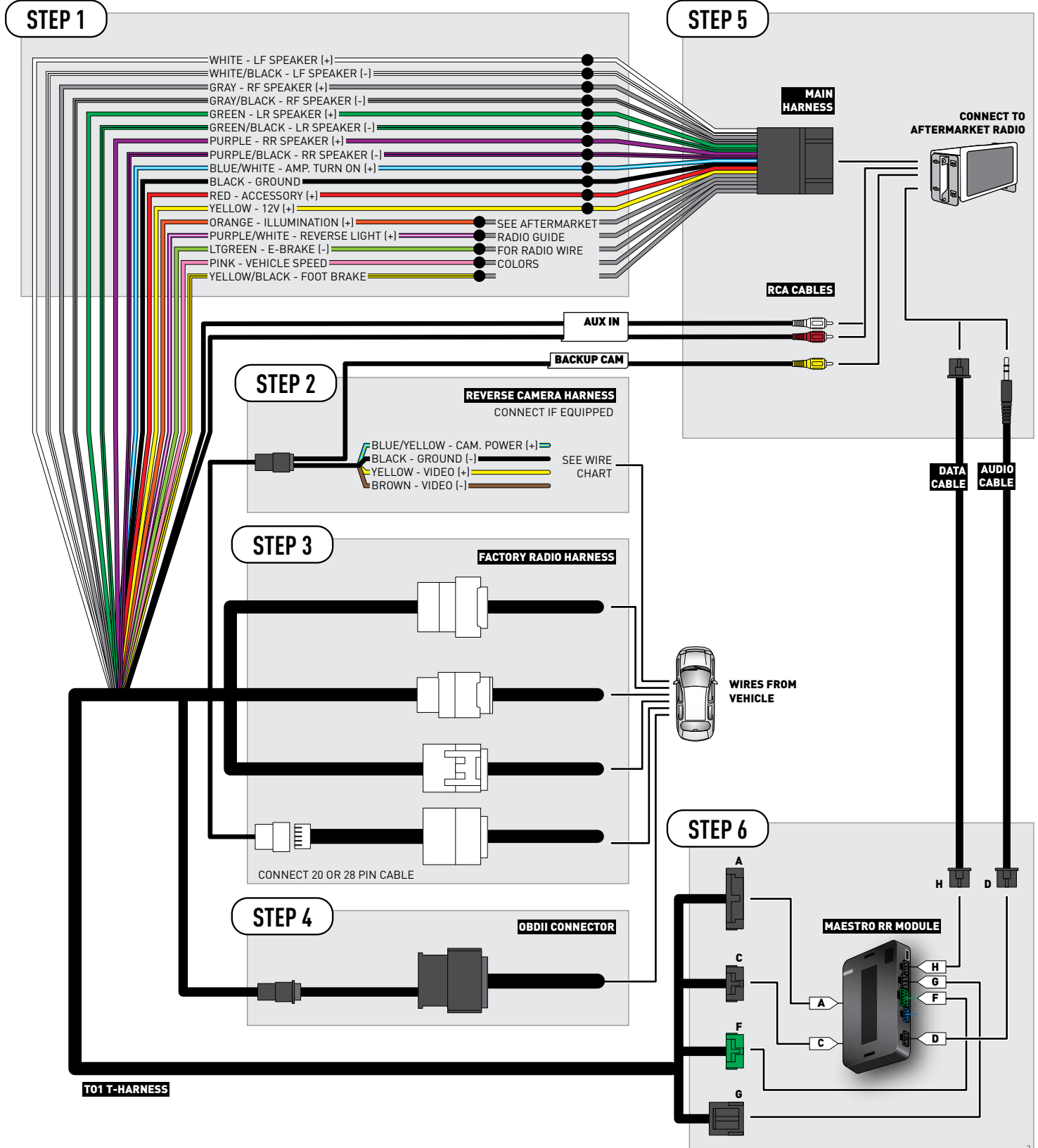
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- Connect all the harnesses to the Maestro RR module then test your installation.

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 *without an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE SCION TC 2007-2016

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



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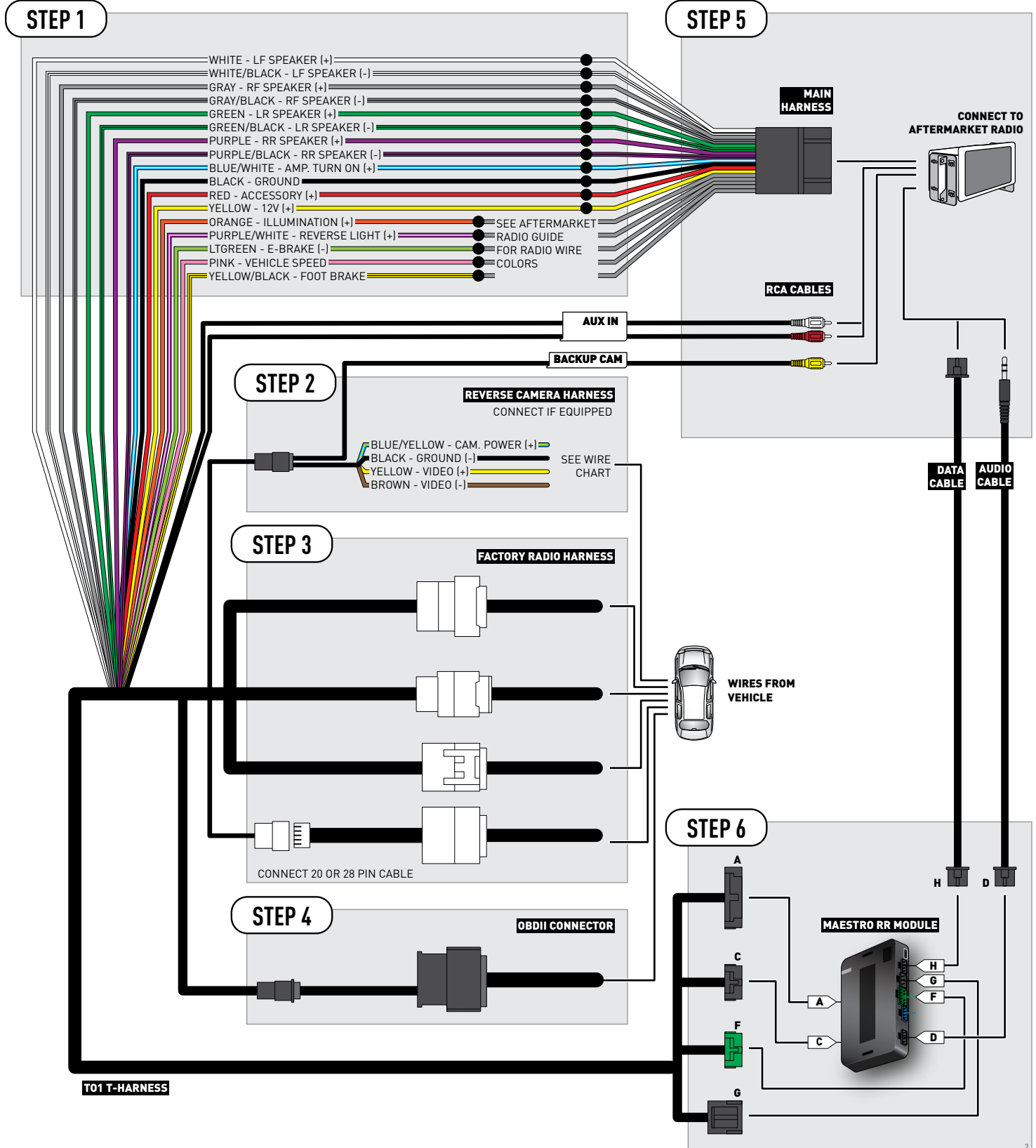
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE SCION XB 2008-2016

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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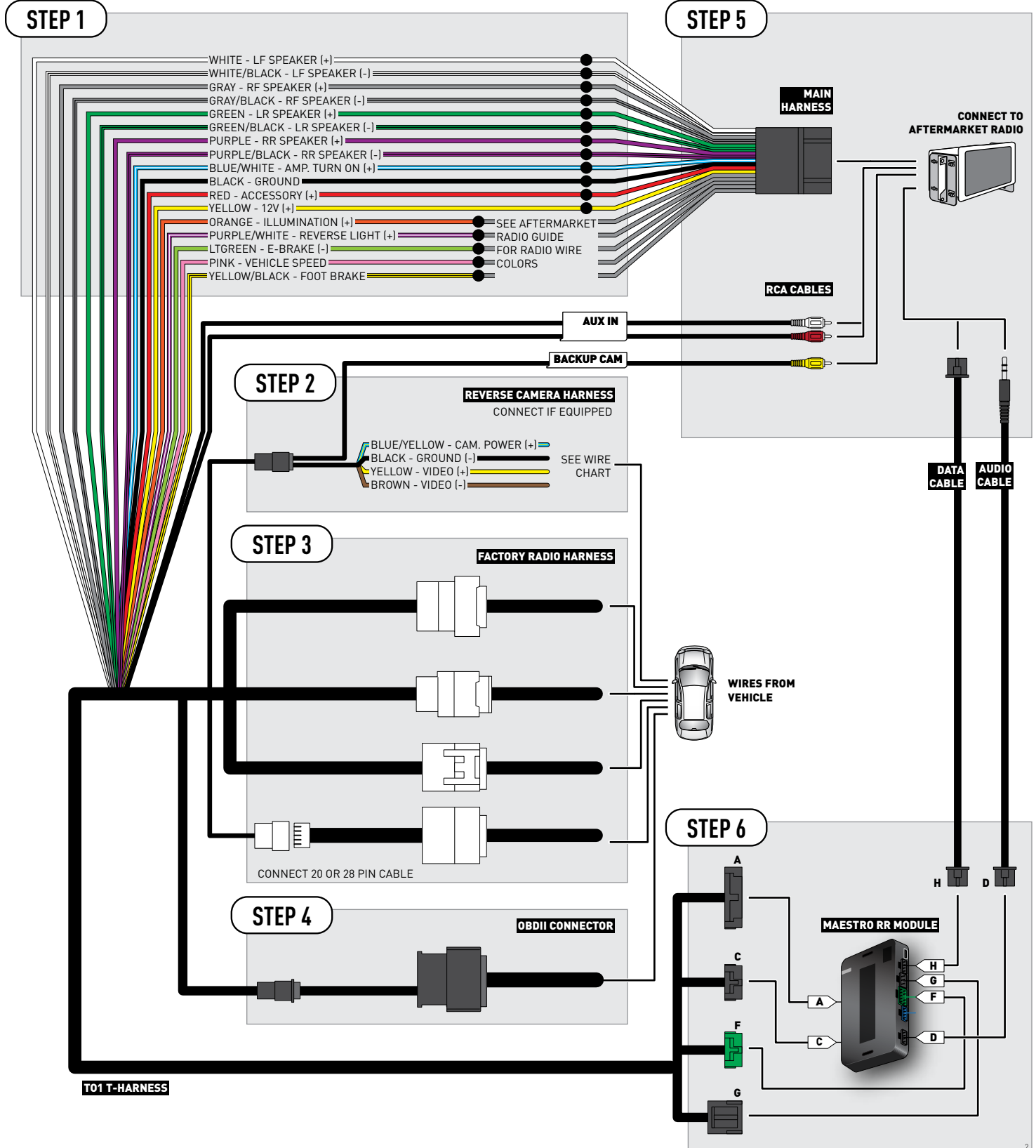
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE SCION XD 2008-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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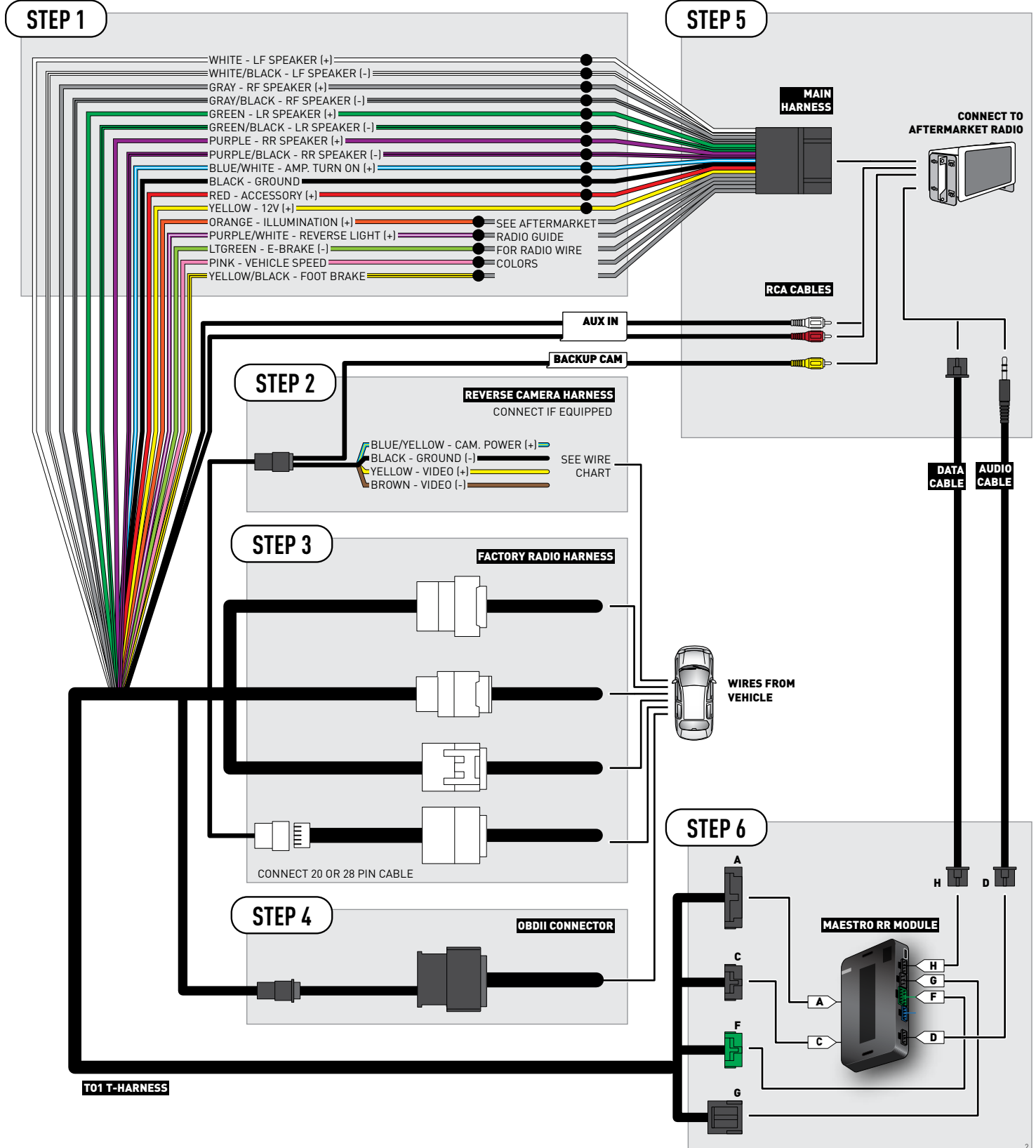
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA 4 RUNNER WITH JBL 2005-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
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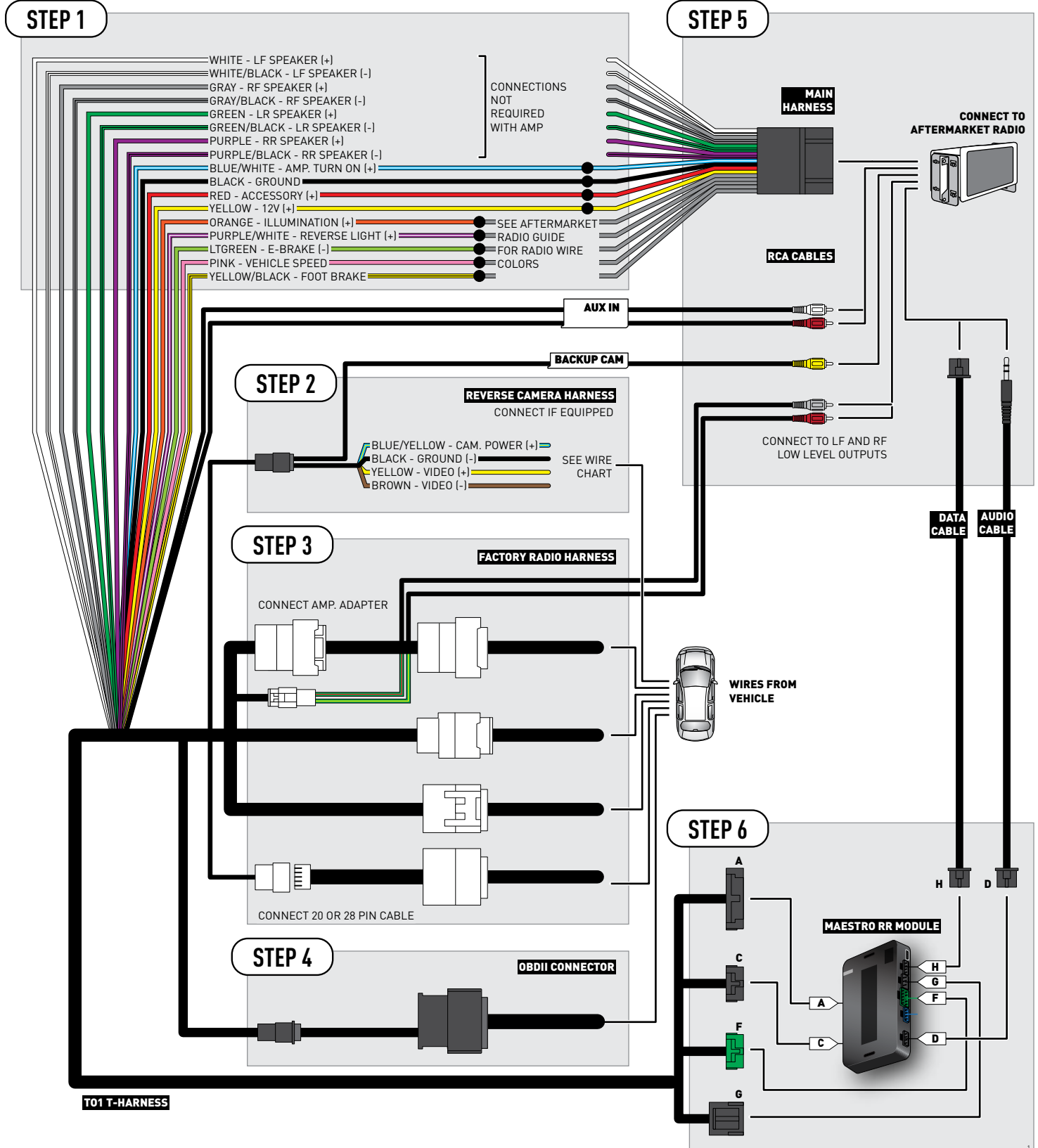
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WIRING DIAGRAM *with an Amplifier*



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VEHICLE WIRE REFERENCE CHART

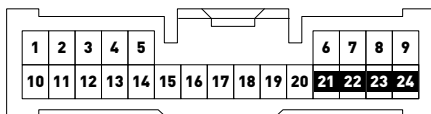
2006-2009

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Red	(+)	Reverse camera harness
Ground	~	~	24 pin	21	White	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Black	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Shield	(-)	Reverse camera harness

2010-2011

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
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REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA 4 RUNNER WITH JBL 2012-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



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iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

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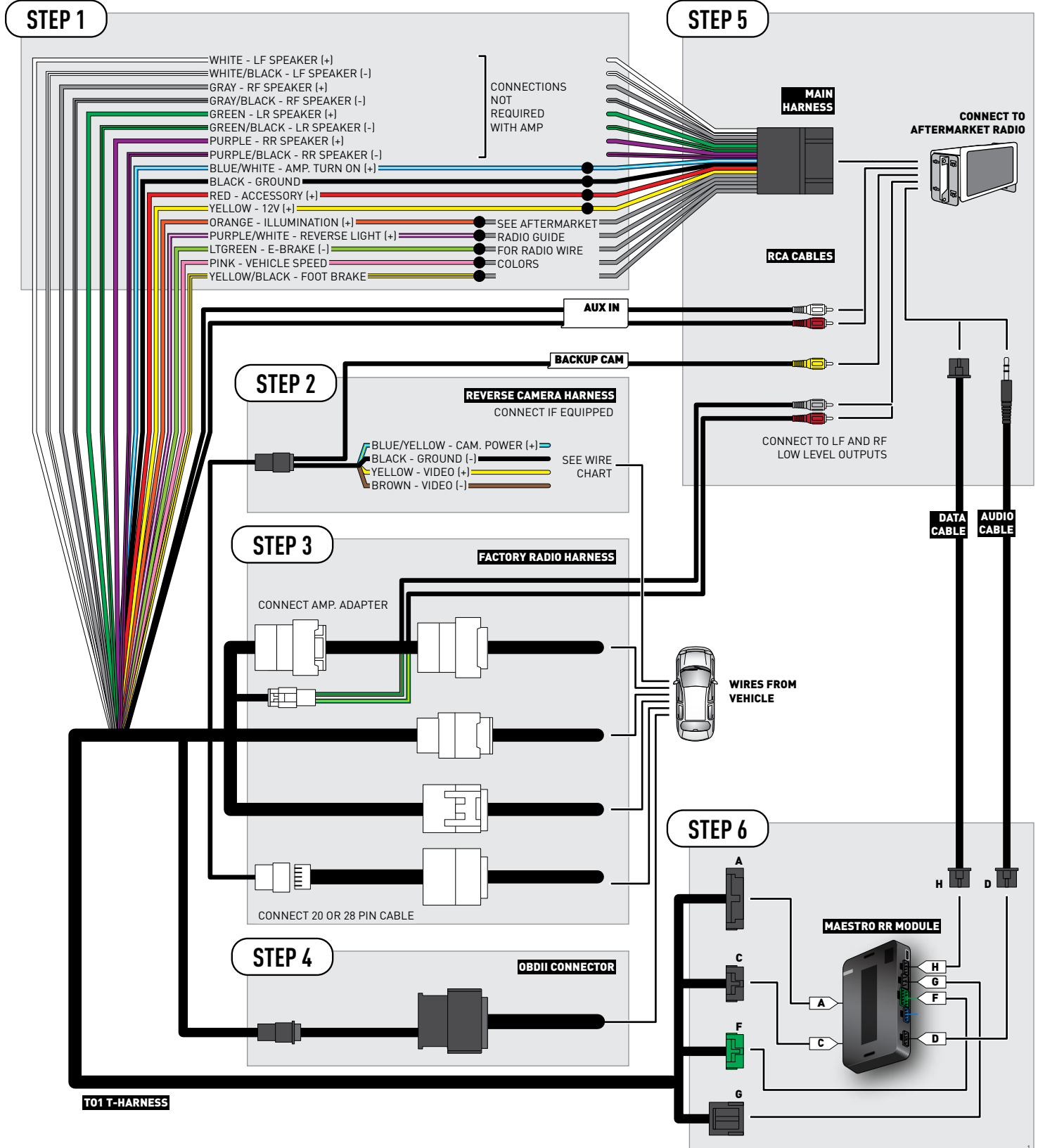
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM *with an Amplifier*



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

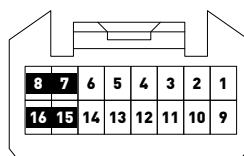
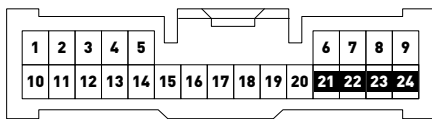
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Red	(+)	Reverse camera harness
Ground	~	~	24 pin	21	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	22	White	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Black	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Red	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	White	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Black	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA 4 RUNNER WITHOUT JBL 2005-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca


 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

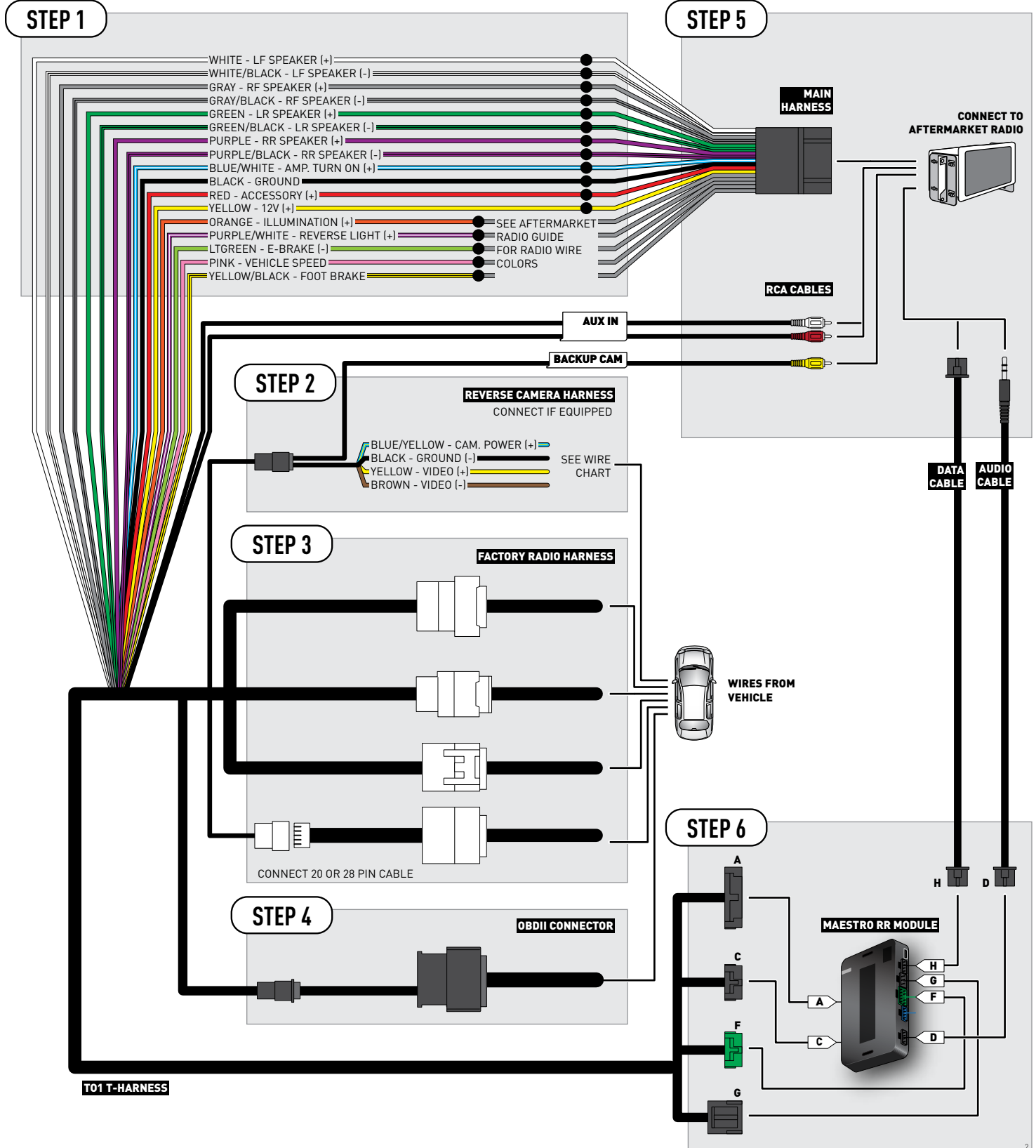
STEP 6

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

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 *without an Amplifier*



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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
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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA 4 RUNNER WITHOUT JBL 2012-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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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.

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STEP 5

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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).
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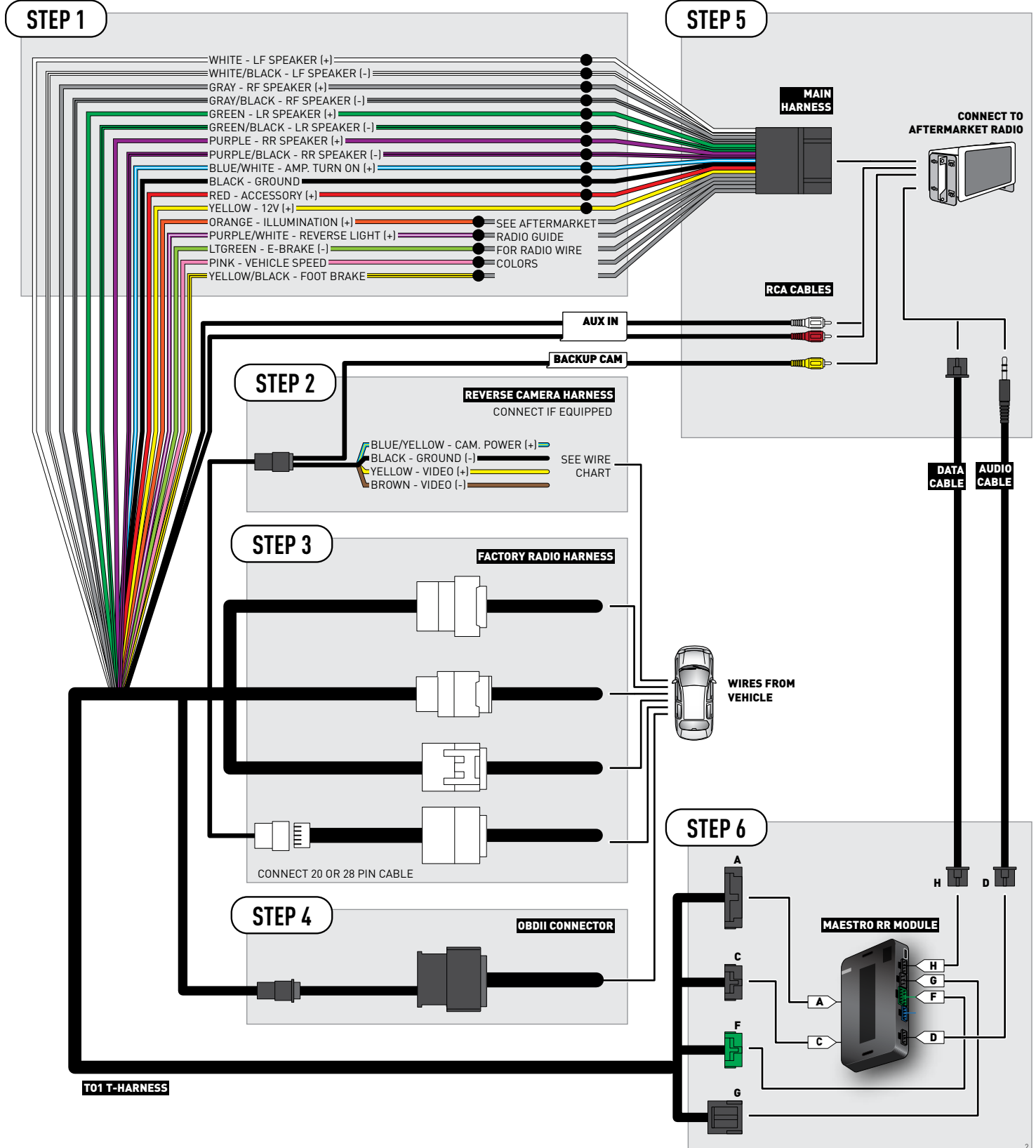
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WIRING DIAGRAM *without an Amplifier*



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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

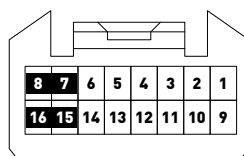
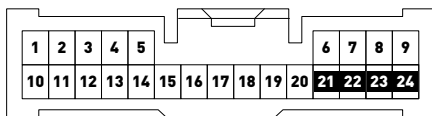
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Red	(+)	Reverse camera harness
Ground	~	~	24 pin	21	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	22	White	(+)	Reverse camera harness
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OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Red	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	White	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Black	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA AVALON WITH JBL 2011-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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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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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

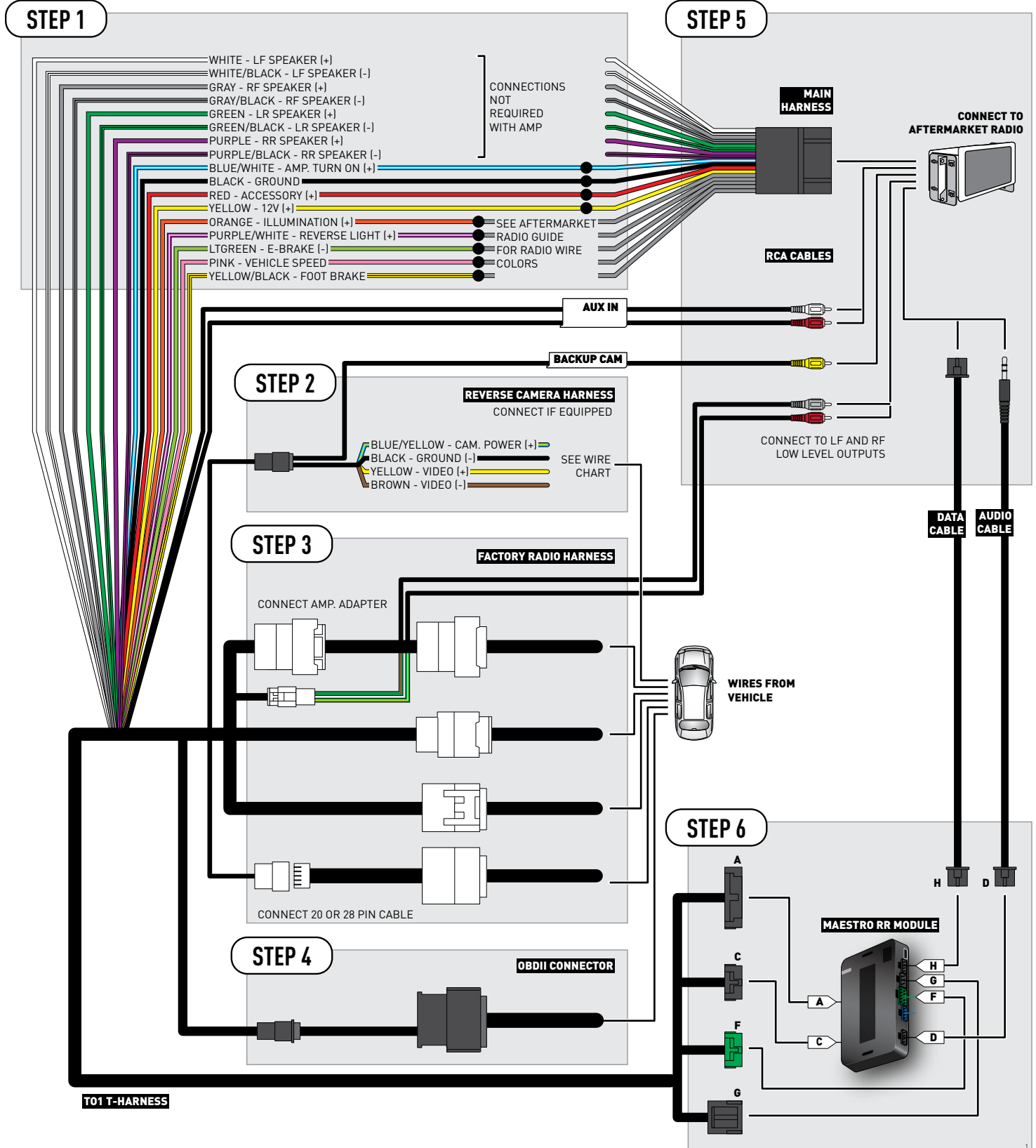
STEP 6

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

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 *with an Amplifier*



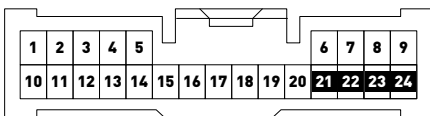
RADIO WIRE REFERENCE CHART

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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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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Green	(+)	Reverse camera harness
Ground	~	~	24 pin	21	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Blue	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Pink	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA AVALON WITH JBL 2013-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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.

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NEED HELP?

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www.12voltdata.com/forum

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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 T01 T-harness and match the wire functions.
- Remove the factory radio.

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STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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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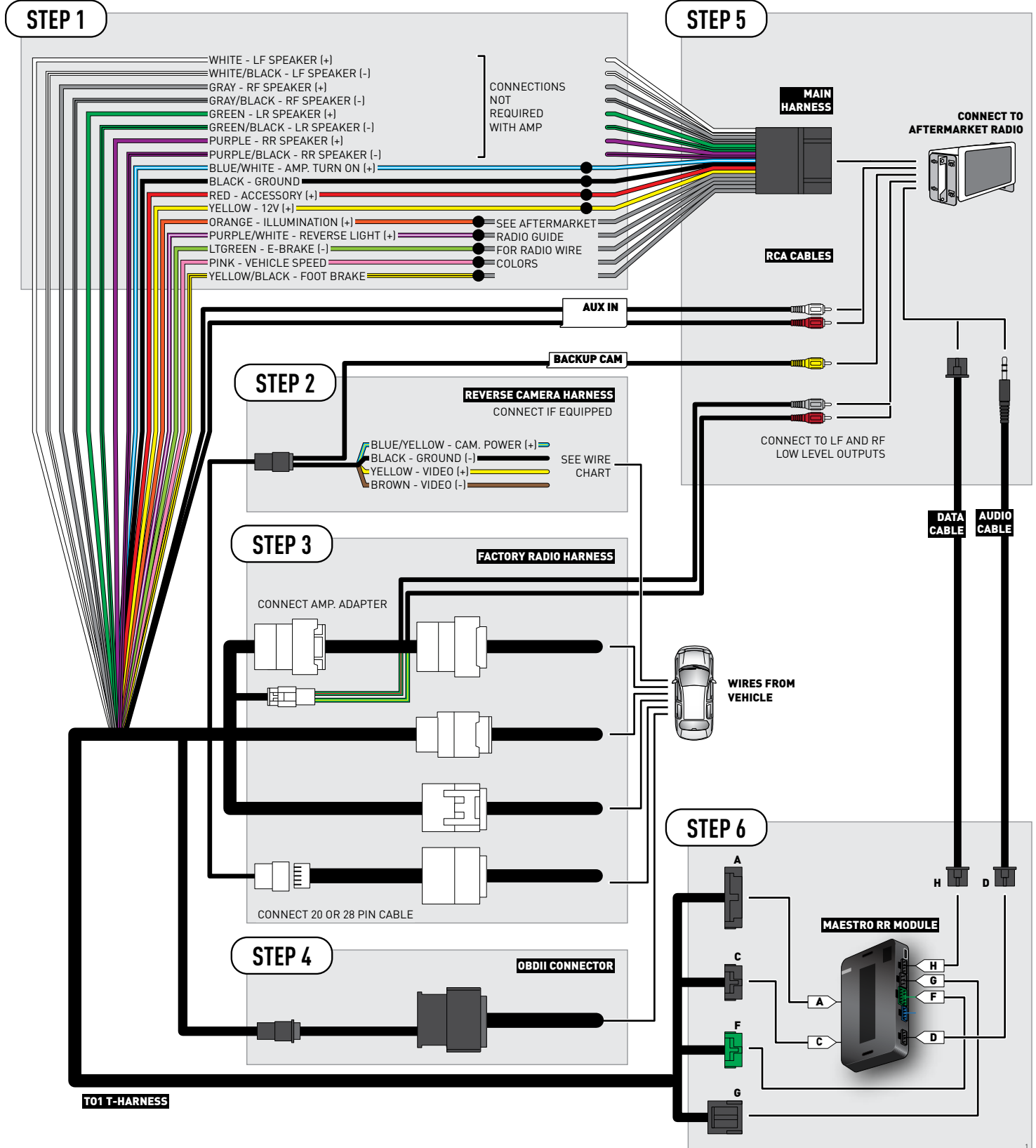
STEP 6

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

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 *with an Amplifier*



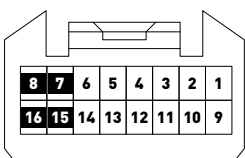
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Red	(+)	Reverse camera harness
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REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA AVALON WITHOUT JBL 2011-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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NEED HELP?

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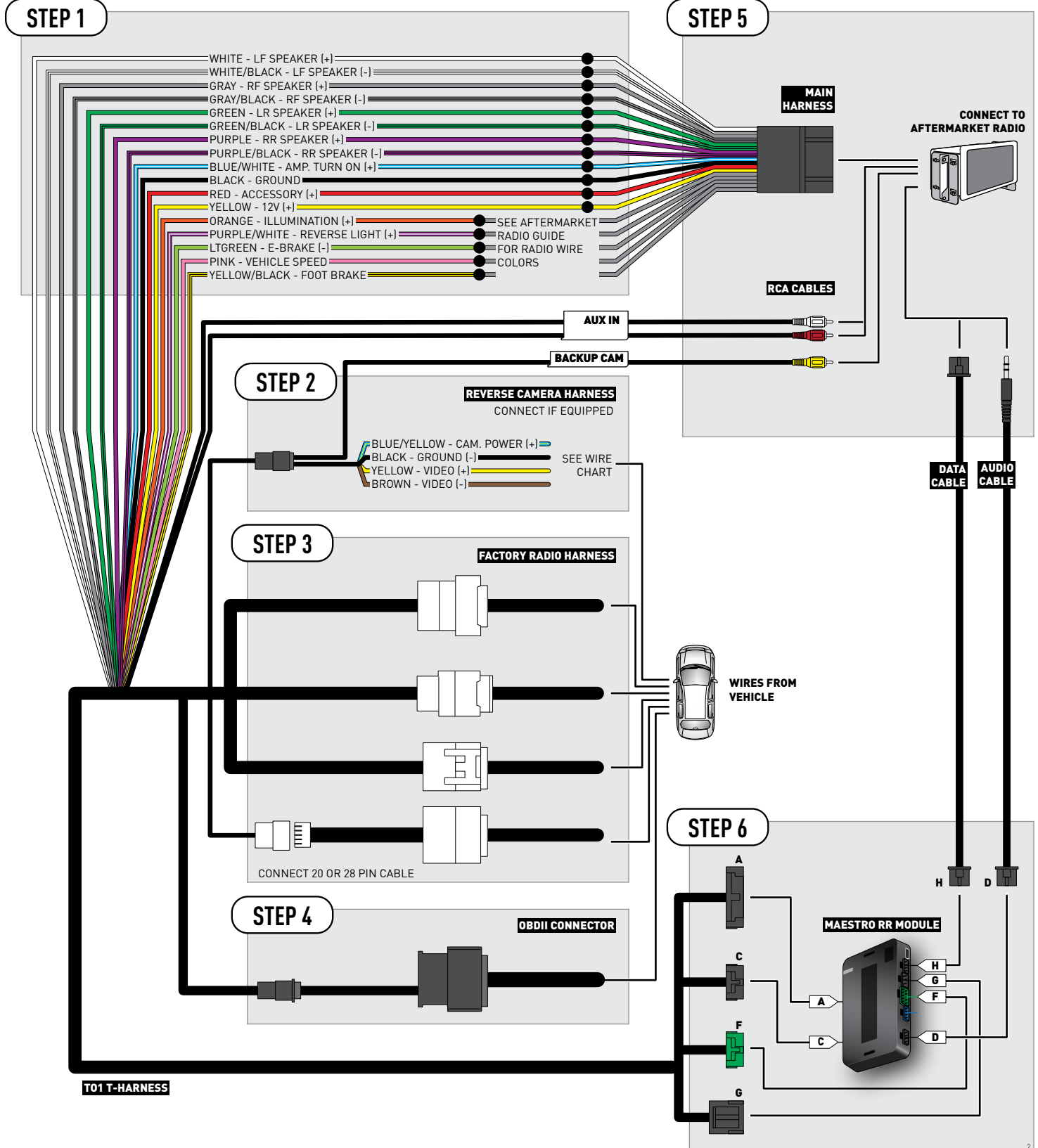
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WIRING DIAGRAM *without an Amplifier*



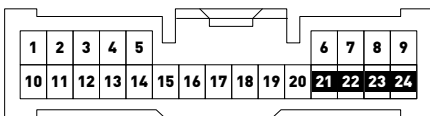
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REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA AVALON WITHOUT JBL 2013-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



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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).
- 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.

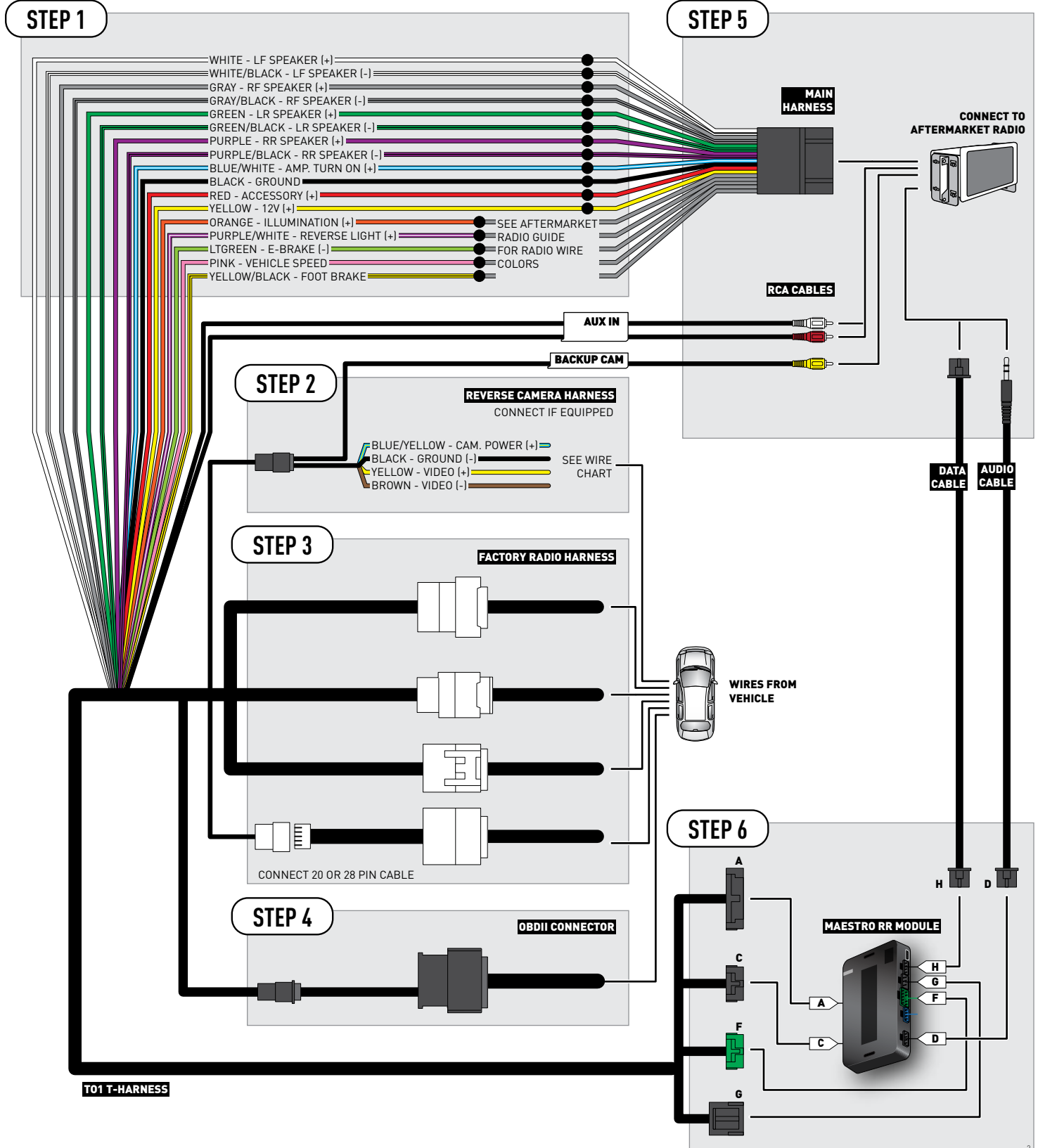
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

WIRING DIAGRAM *without an Amplifier*



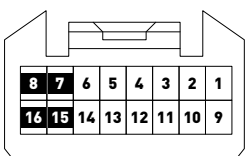
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	White	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Red	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA CAMRY WITH JBL 2007-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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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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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

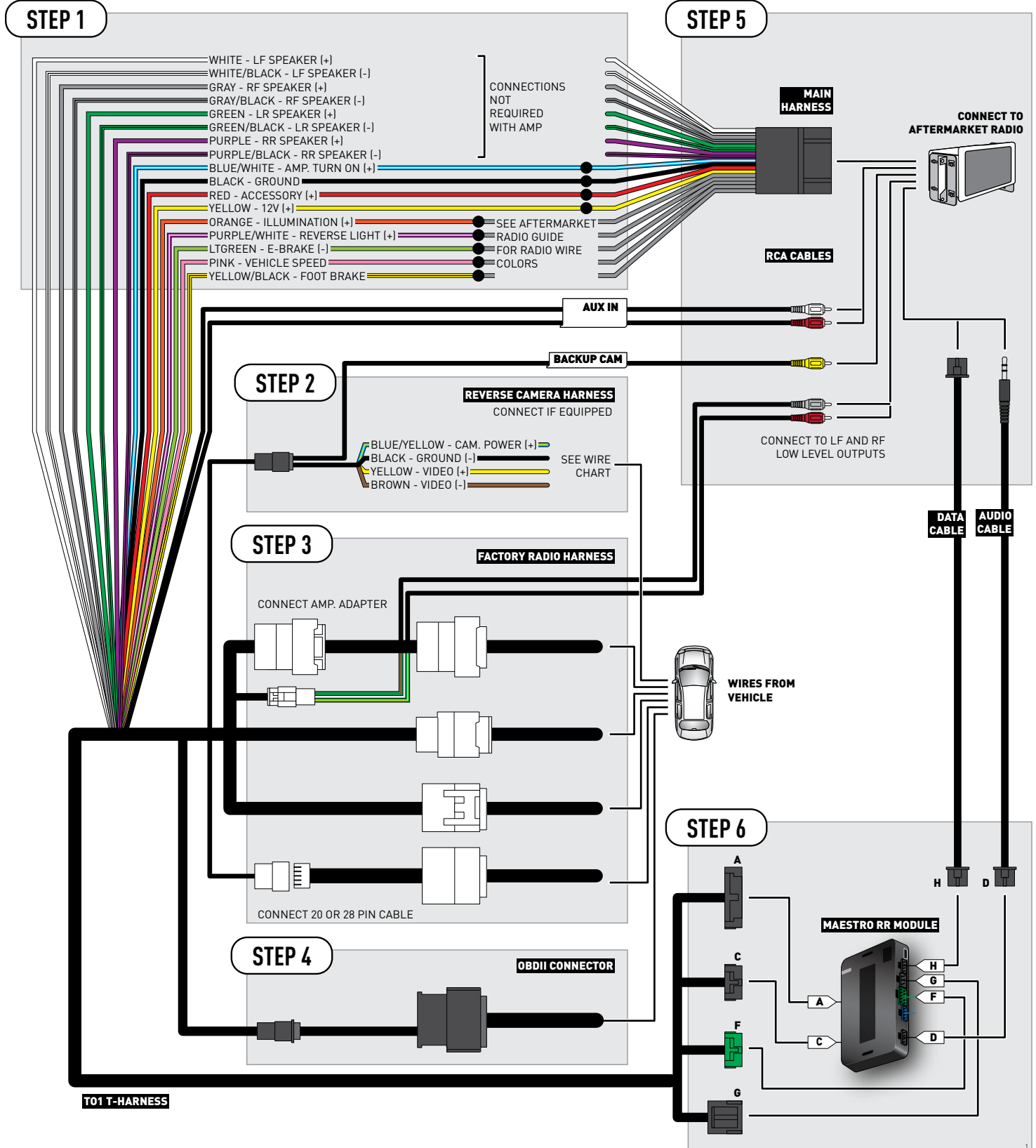
STEP 6

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

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 *with an Amplifier*



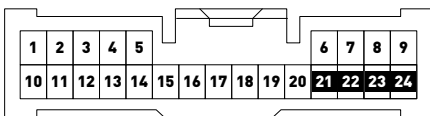
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	21	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	23	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA CAMRY WITHOUT FACTORY SCREEN 2012-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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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- Connect the wires shown on the next page from aftermarket radio main harness to the T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

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- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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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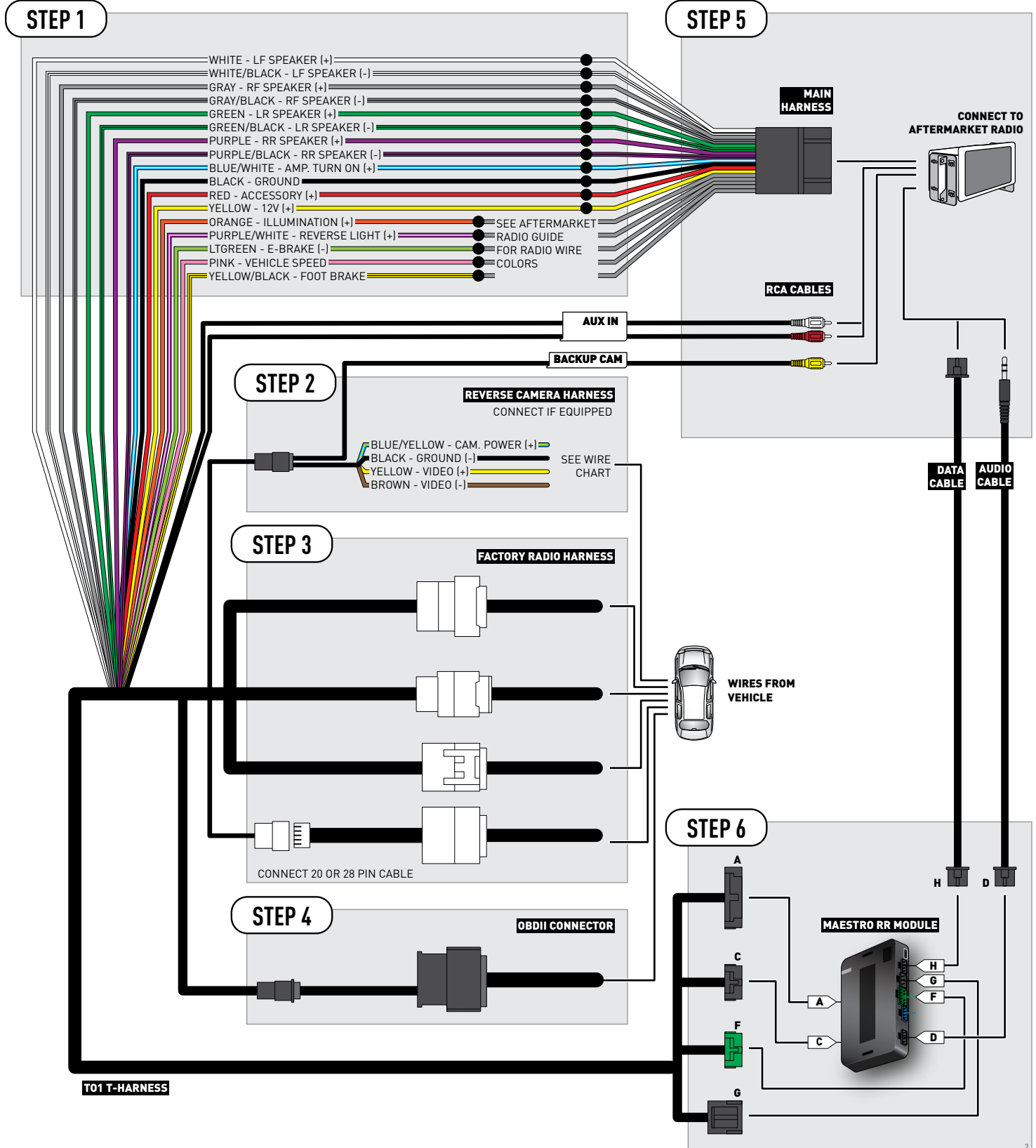
STEP 6

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

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 *without an Amplifier*



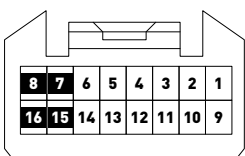
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Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	White	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Red	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA CAMRY WITHOUT JBL 2007-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

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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 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

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- Connect the wires shown on the next page from aftermarket radio main harness to the T01 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

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- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

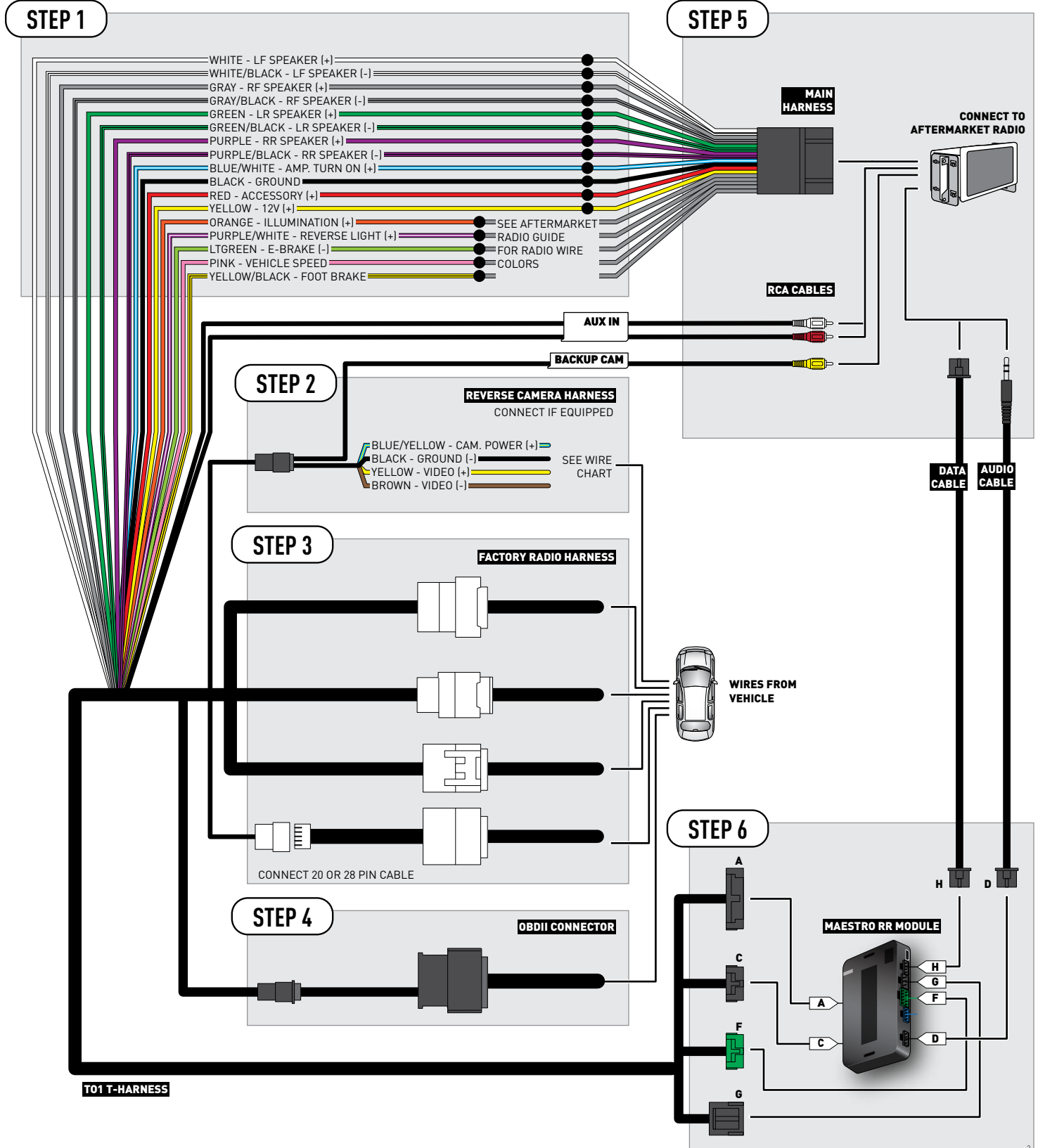
STEP 6

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

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 *without an Amplifier*



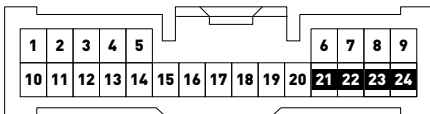
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	21	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	23	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA COROLLA IM 2017-2018

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca


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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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

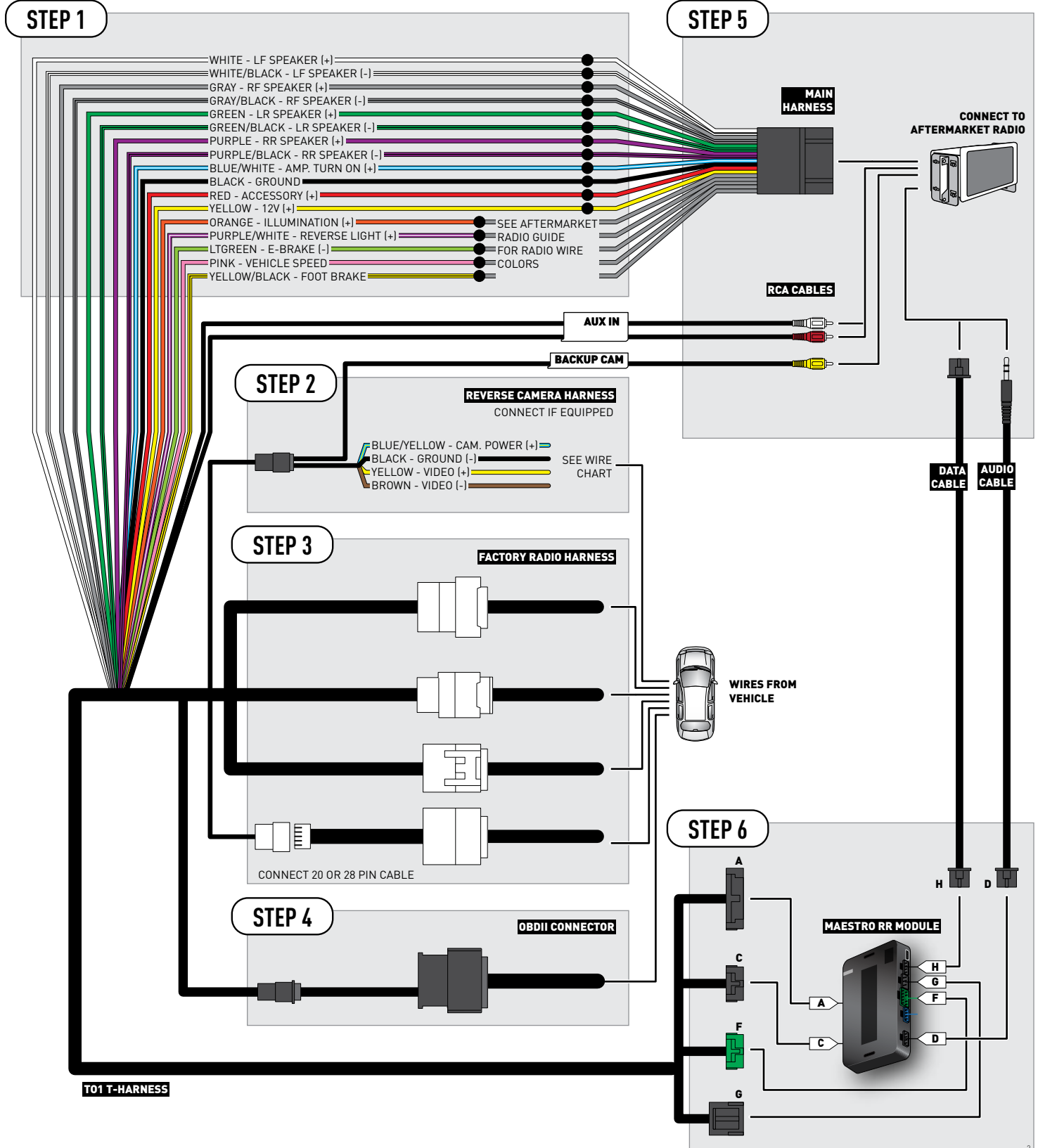
STEP 6

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

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 *without an Amplifier*



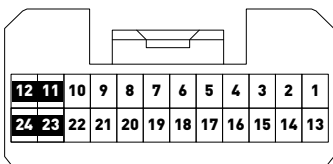
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Red	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Black	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA COROLLA WITH JBL 2009-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
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- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Connect the left front and right front low level outputs RCA cables 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.

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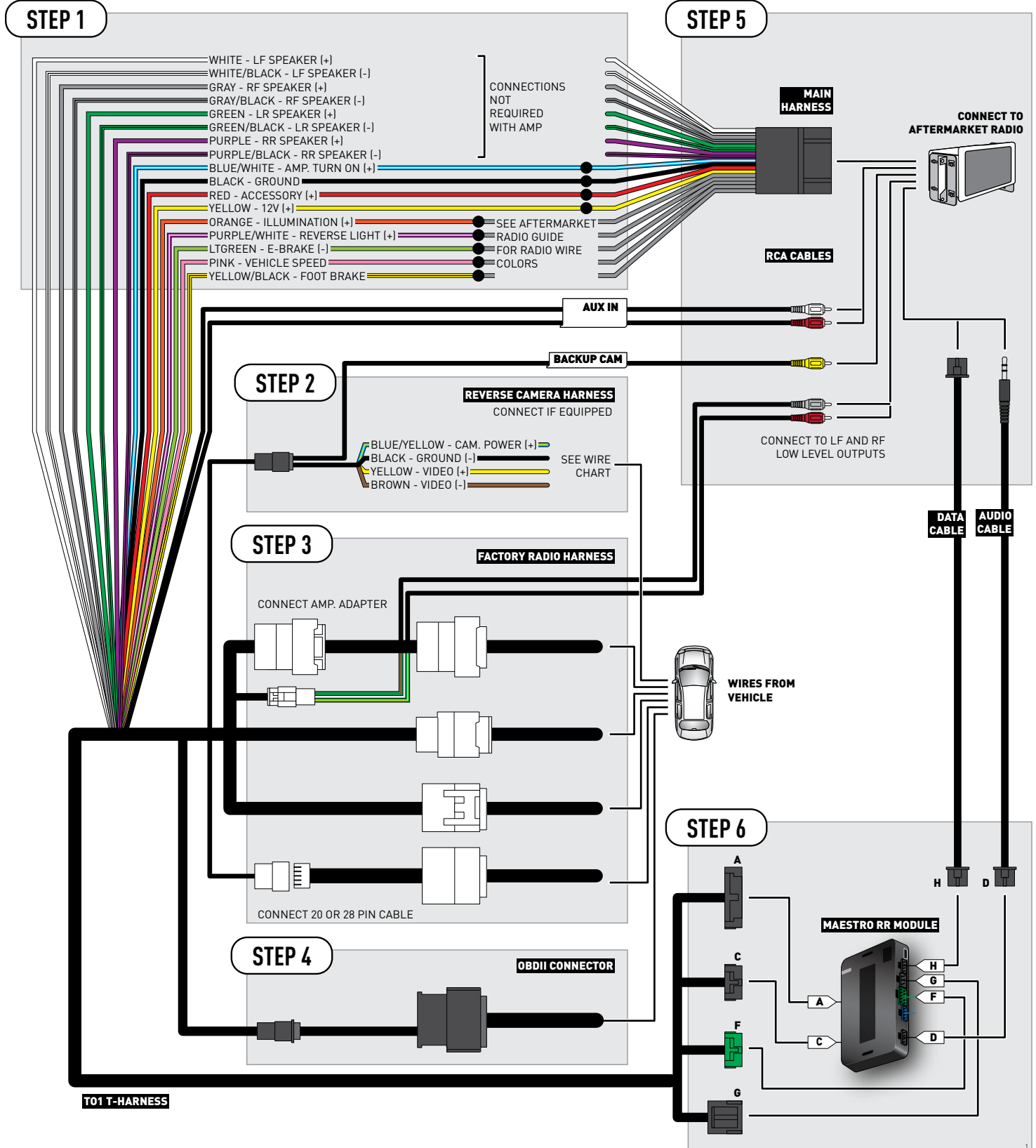
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- Connect all the harnesses to the Maestro RR module then test your installation.

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 *with an Amplifier*



RADIO WIRE REFERENCE CHART

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Illumination	(+)	Orange	N/A	Orange/White	Orange/White
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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA COROLLA WITHOUT FACTORY SCREEN 2014-2015

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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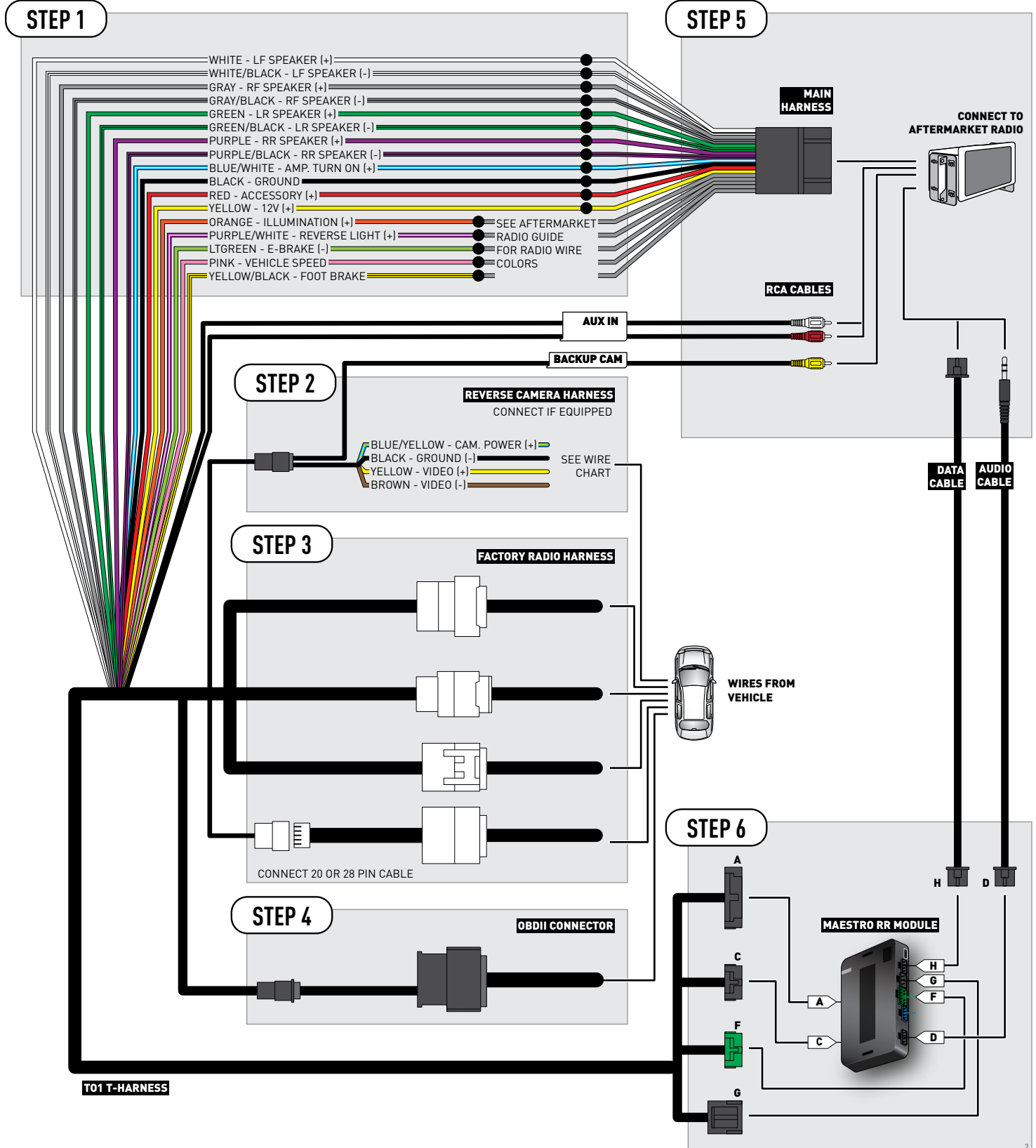
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TROUBLESHOOTING TIPS:

- 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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

WIRING DIAGRAM *without an Amplifier*



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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA COROLLA WITHOUT JBL 2009-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca


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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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

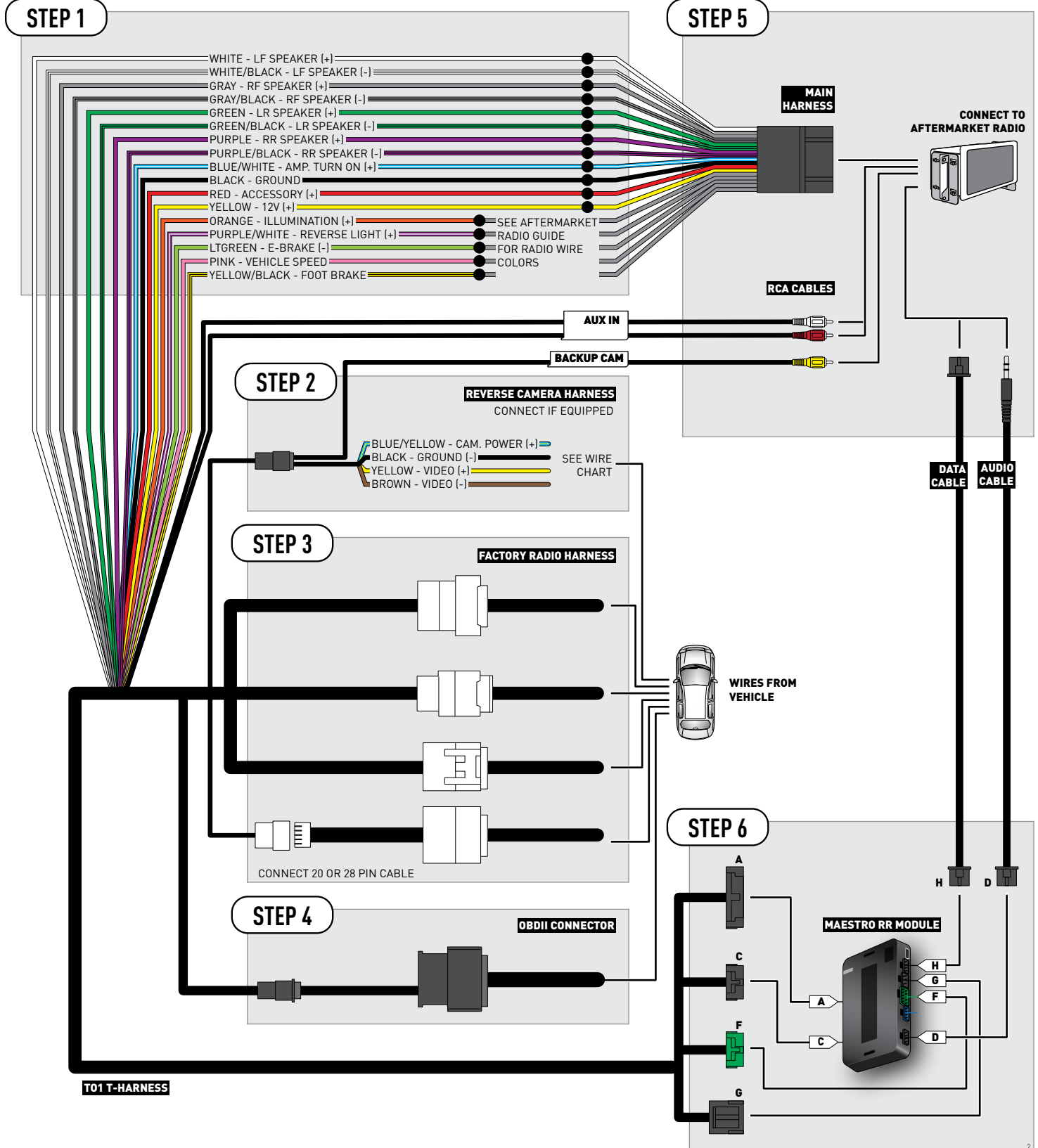
STEP 6

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

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 *without an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

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INSTALL GUIDE TOYOTA FJ CRUISER WITH JBL 2006-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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

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

WELCOME

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

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STEP 5

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- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
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- Plug the Data cable to the data port of the aftermarket radio.
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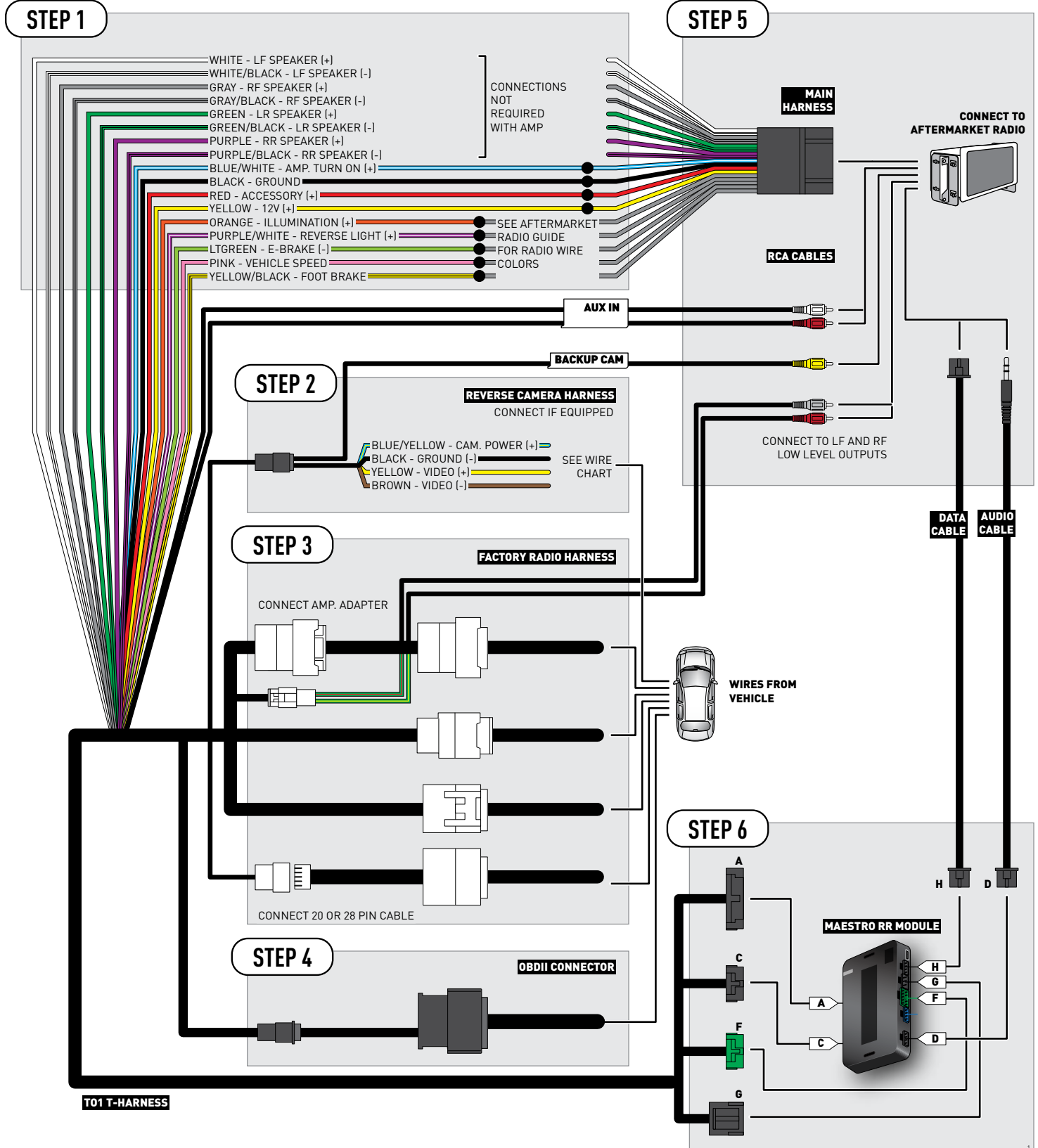
STEP 6

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

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 *with an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA FJ CRUISER WITHOUT JBL 2006-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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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 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.

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- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

NOTE:

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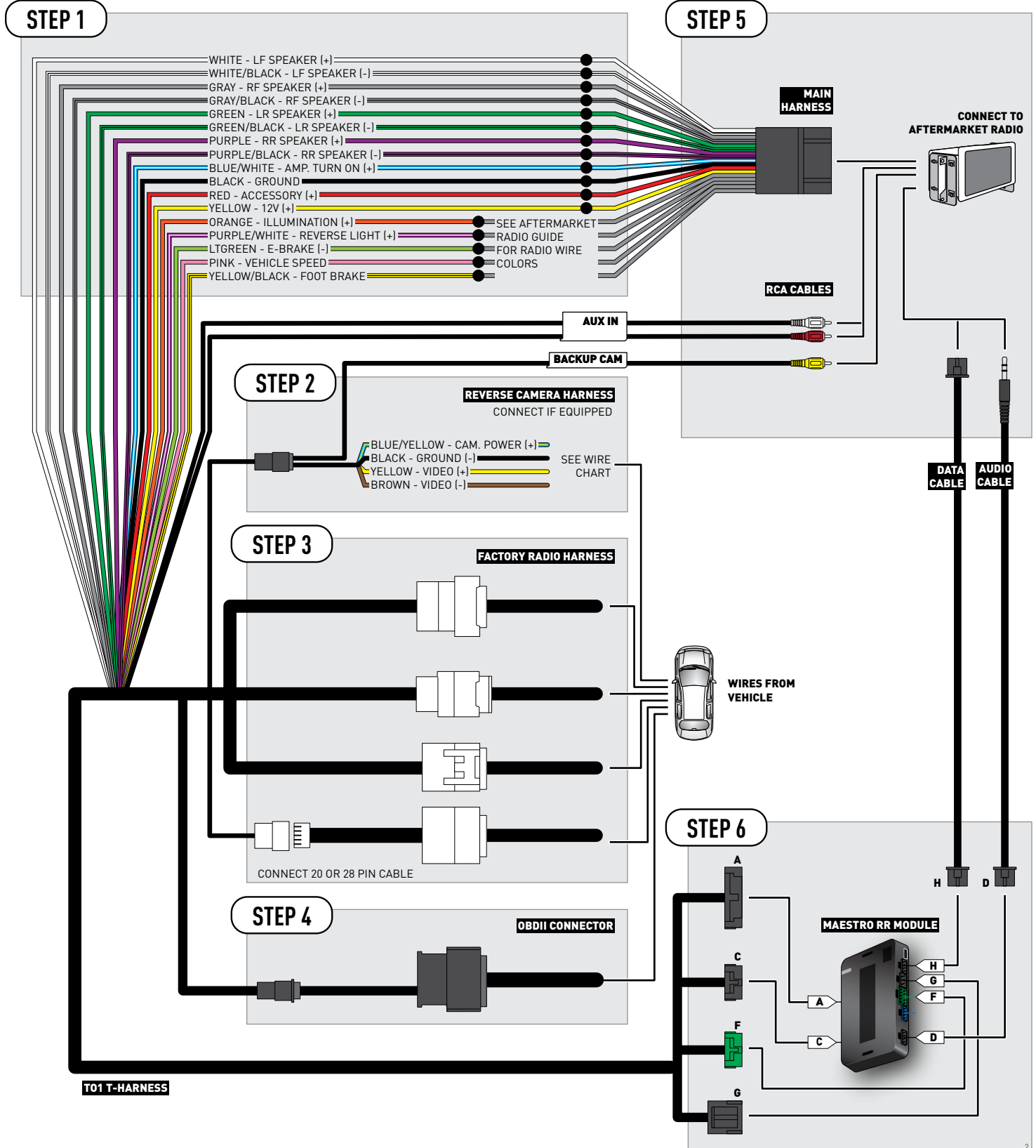
STEP 6

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

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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA HIGHLANDER WITH JBL 2008-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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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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STEP 5

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- Connect the auxiliary RCA cables into the aftermarket radio (if equipped).
- Connect the left front and right front low level outputs RCA cables 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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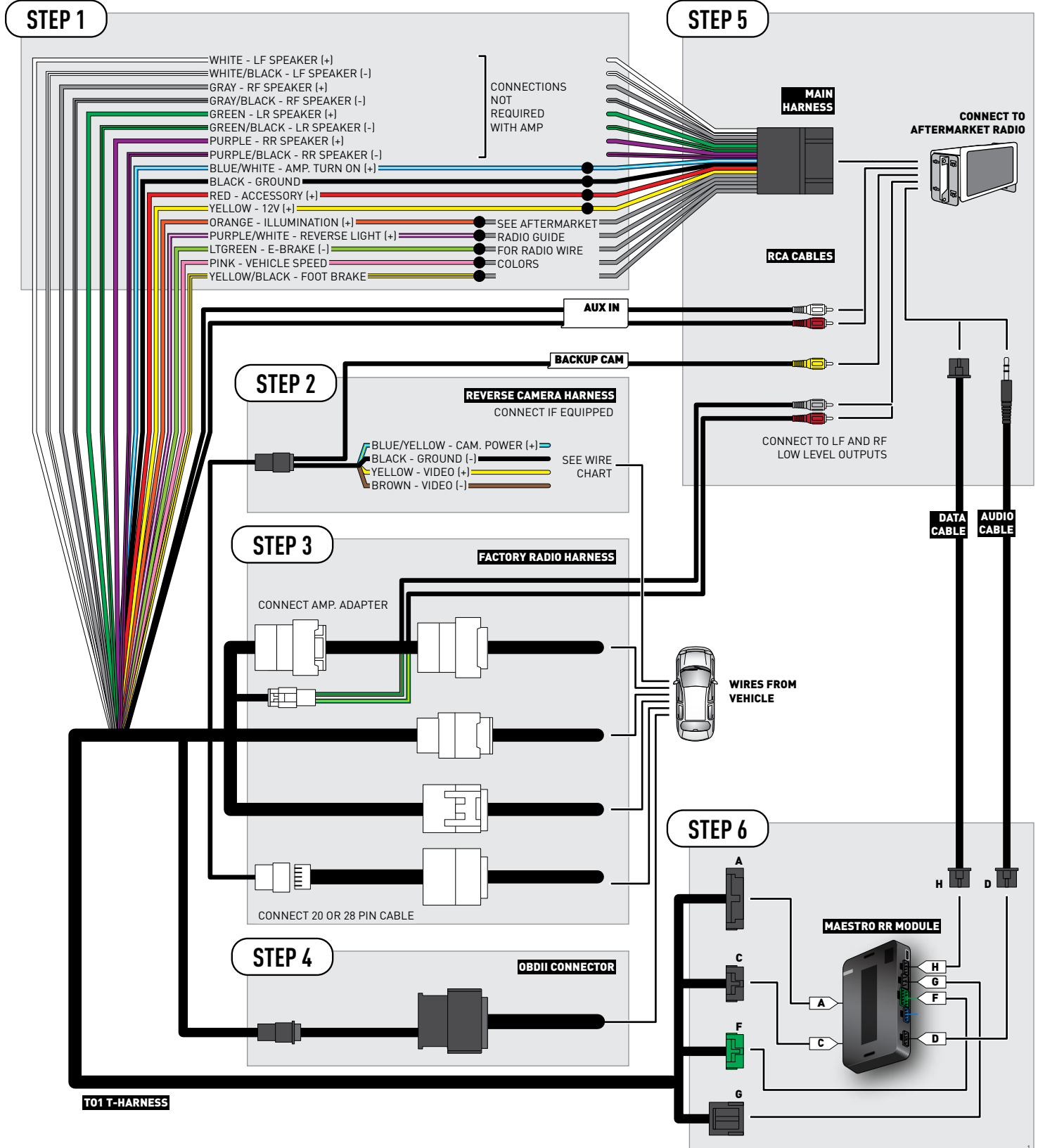
STEP 6

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

TROUBLESHOOTING TIPS:

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WIRING DIAGRAM *with an Amplifier*



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

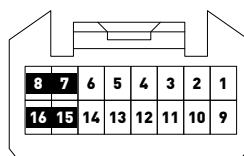
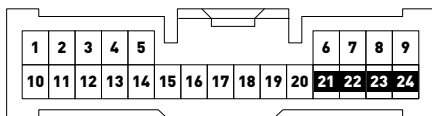
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	21	White	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Shield	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	White	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA HIGHLANDER WITH JBL 2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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- Unbox the aftermarket radio and locate its main harness.
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- If the vehicle is equipped with an OEM backup camera, connect the T01 T-harness to the backup camera harness (see wire chart for details).

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STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

STEP 5

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- Plug the Data cable to the data port of the aftermarket radio.
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NOTE:

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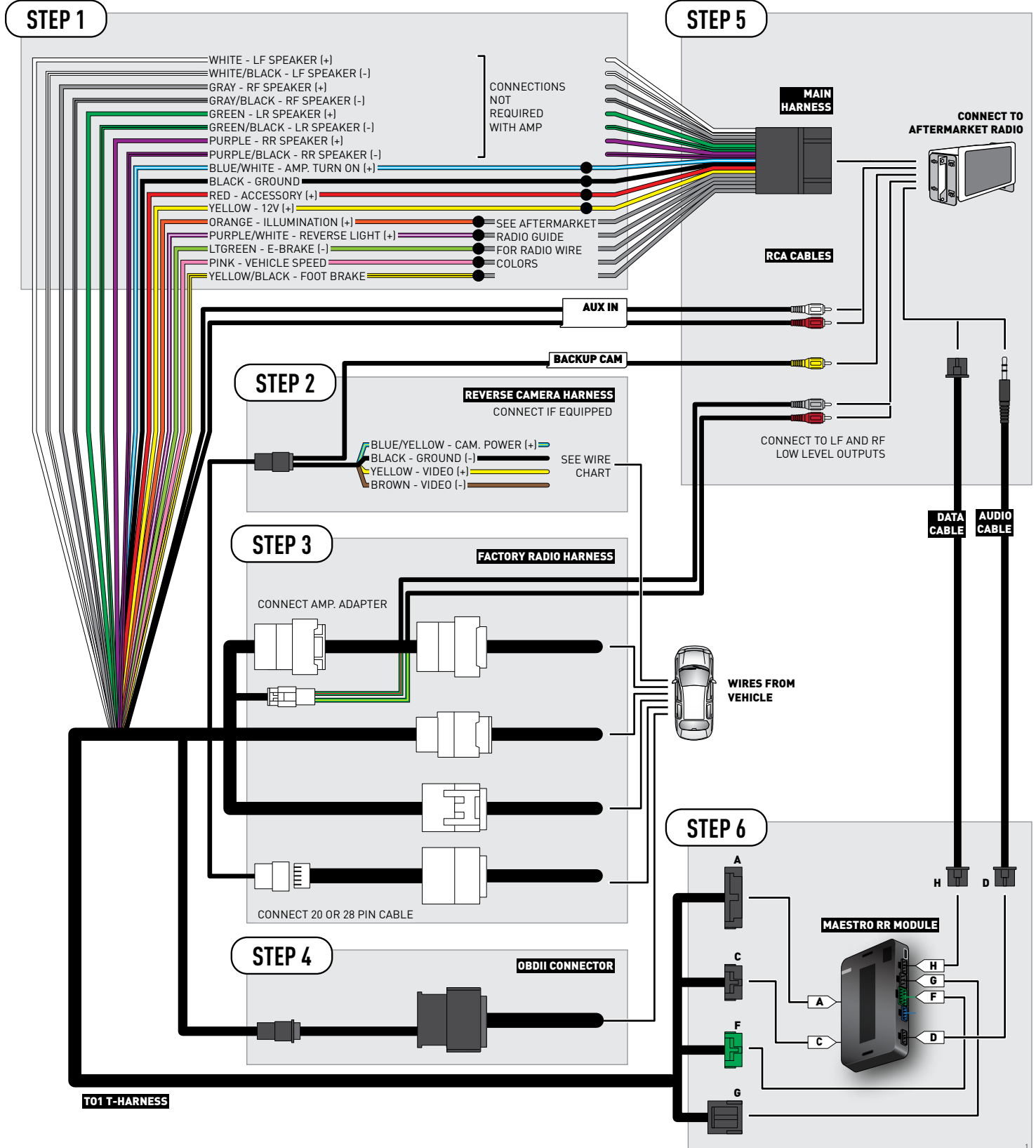
STEP 6

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

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 *with an Amplifier*



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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

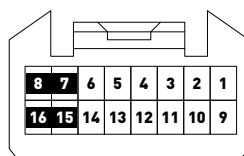
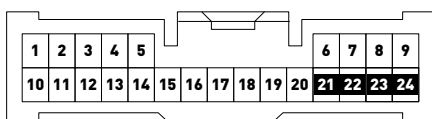
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INSTALL GUIDE TOYOTA HIGHLANDER WITHOUT JBL 2008-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



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PROGRAMMED FIRMWARE

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OPTIONAL ACCESSORIES



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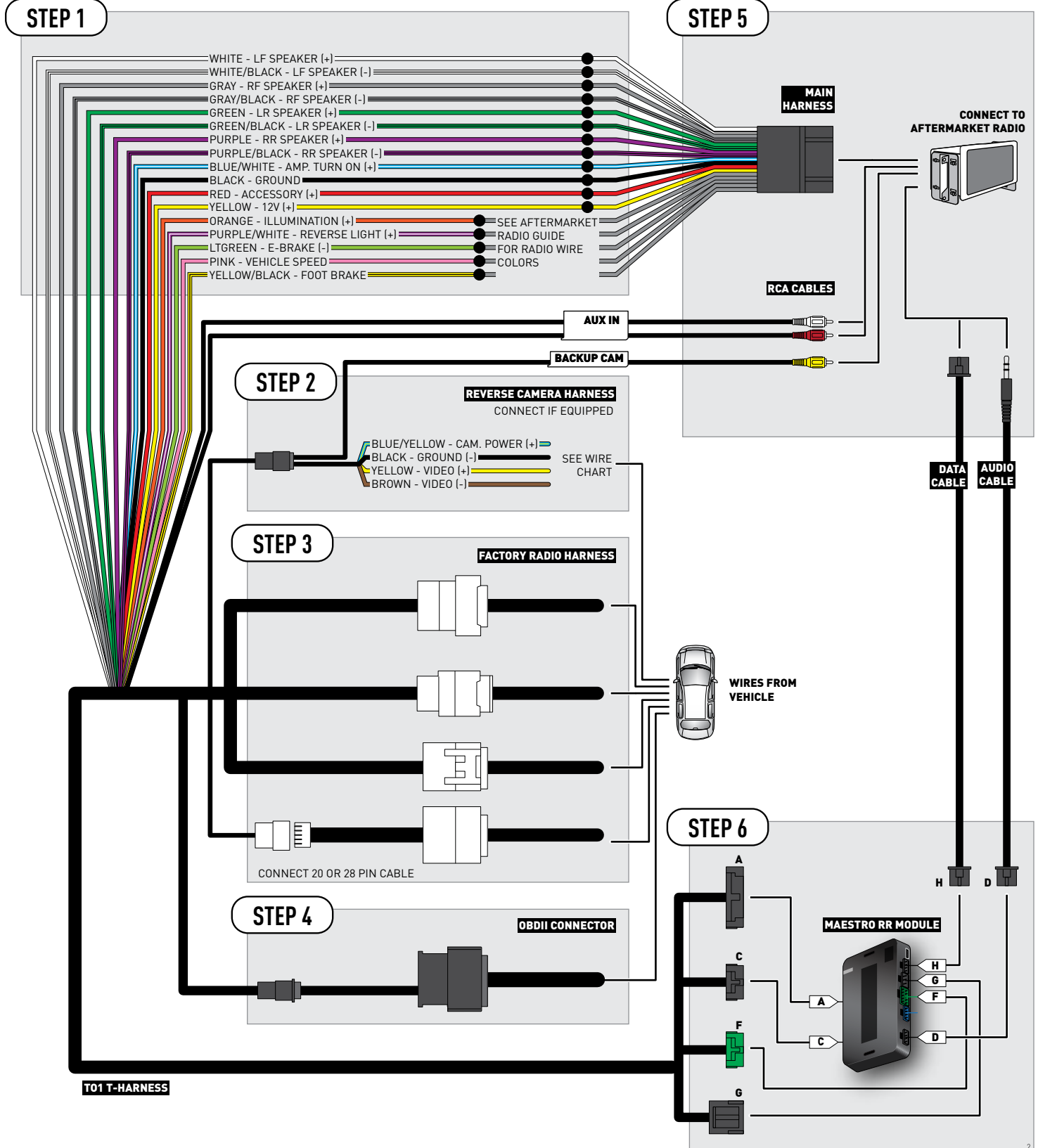
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- Connect all the harnesses to the Maestro RR module then test your installation.

TROUBLESHOOTING TIPS:

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WIRING DIAGRAM *without an Amplifier*



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INSTALL GUIDE TOYOTA HIGHLANDER WITHOUT JBL 2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca

 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

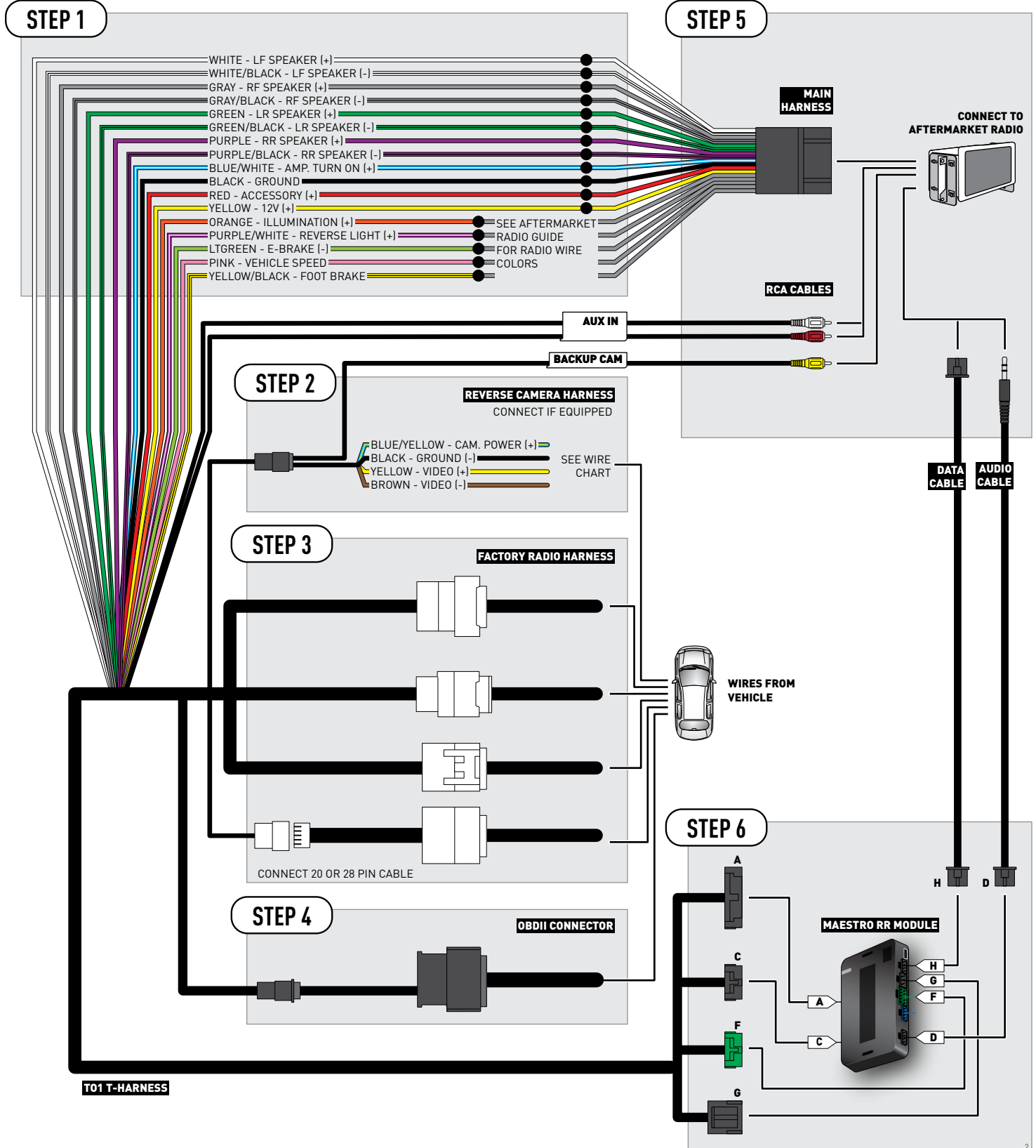
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

WIRING DIAGRAM *without an Amplifier*



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

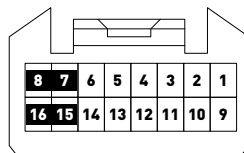
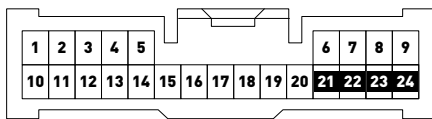
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	21	White	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Shield	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	White	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA MATRIX 2013-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

WELCOME

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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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- Connect the wires shown on the next page from aftermarket radio main harness to the T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

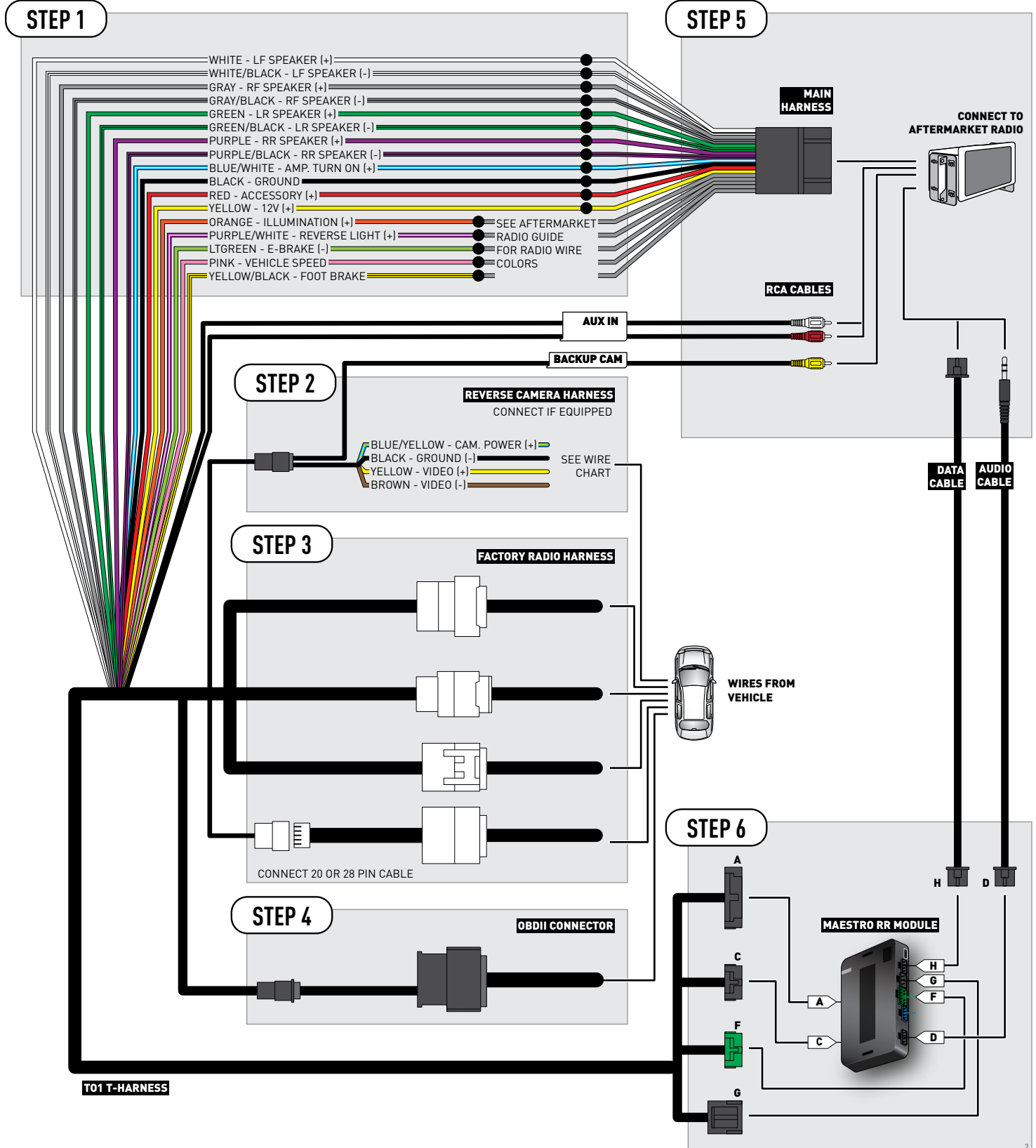
STEP 6

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

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 *without an Amplifier*



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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
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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA MATRIX WITH JBL 2009-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

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STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
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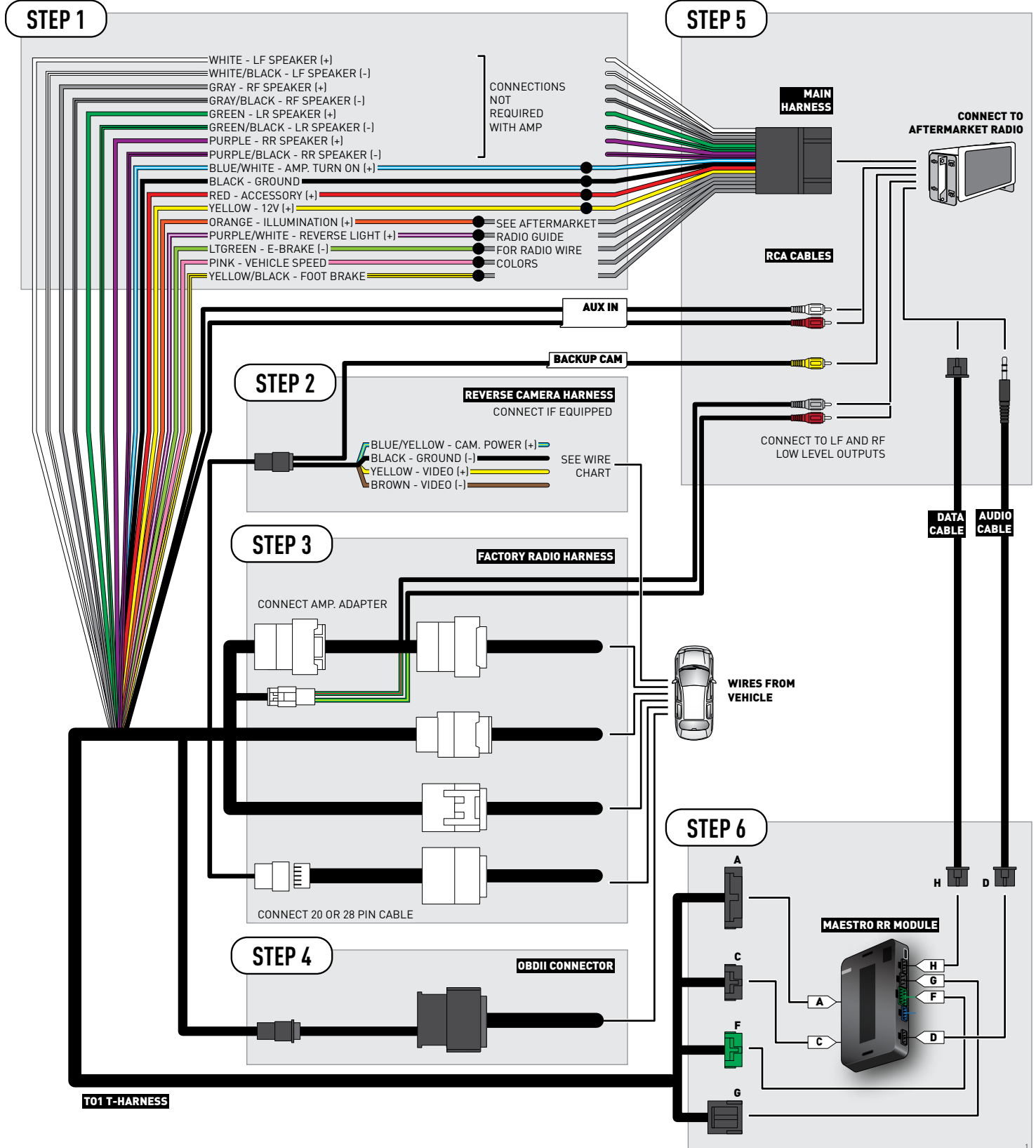
STEP 6

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

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 *with an Amplifier*



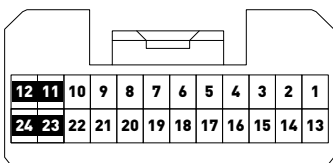
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA MATRIX WITHOUT JBL 2009-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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- Unbox the aftermarket radio and locate its main harness.
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- If the vehicle is equipped with an OEM backup camera, connect the T01 T-harness to the backup camera harness (see wire chart for details).

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- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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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- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

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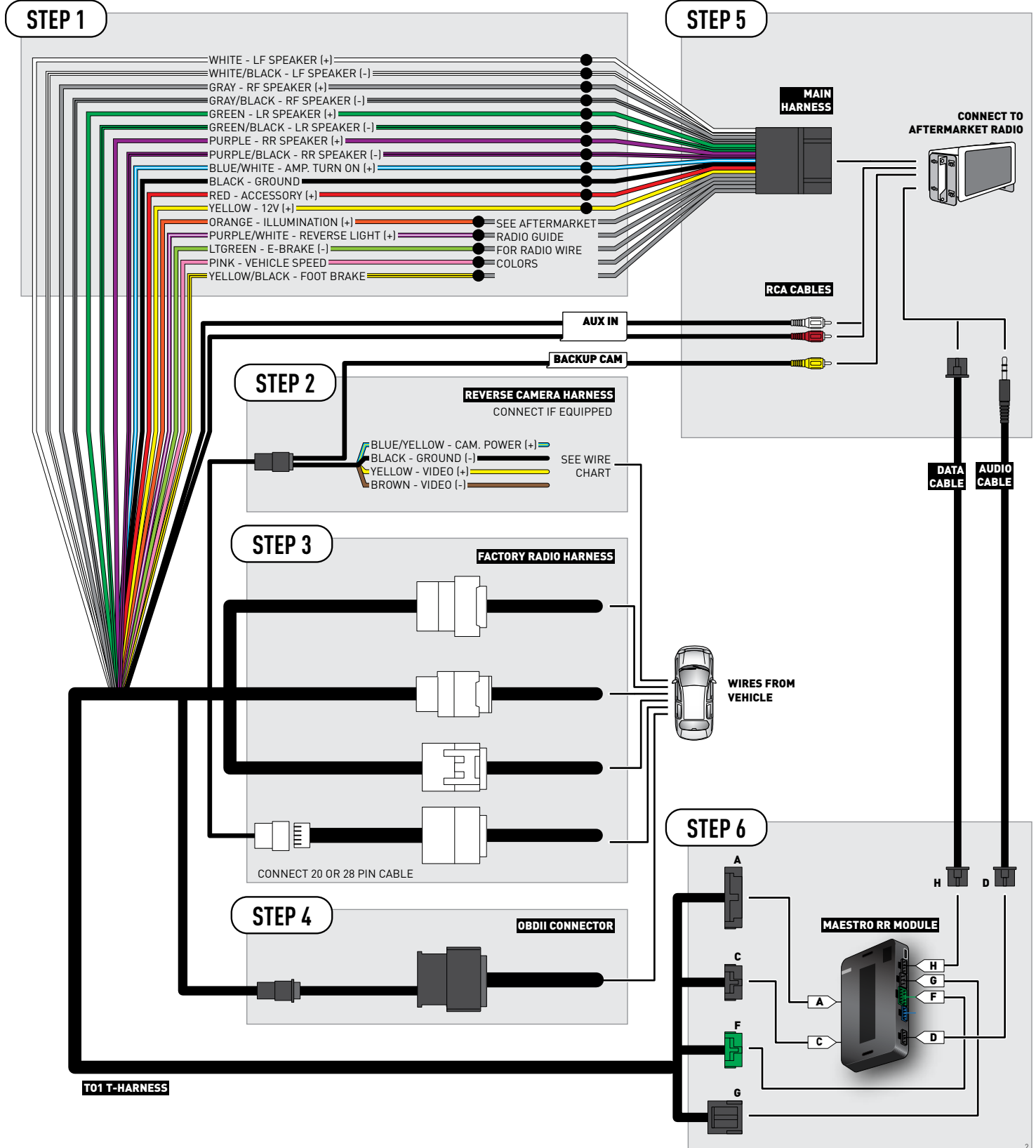
STEP 6

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

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 *without an Amplifier*



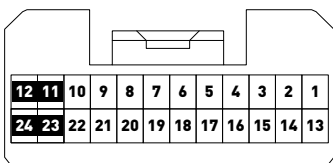
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
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Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA PRIUS BASE 2012-2015

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

STEP 5

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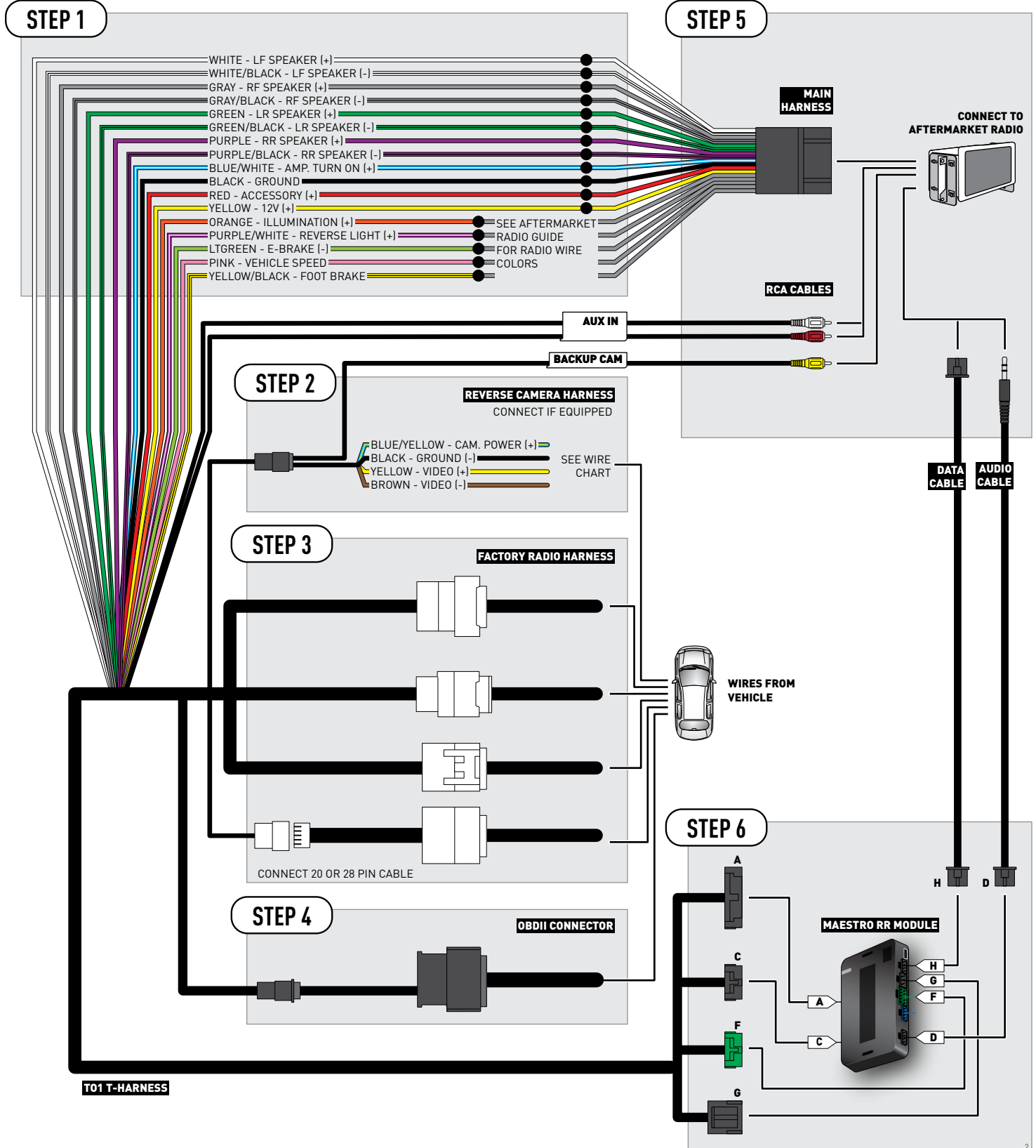
STEP 6

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

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 *without an Amplifier*



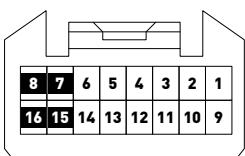
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Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	White	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Black	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA PRIUS WITH JBL 2010-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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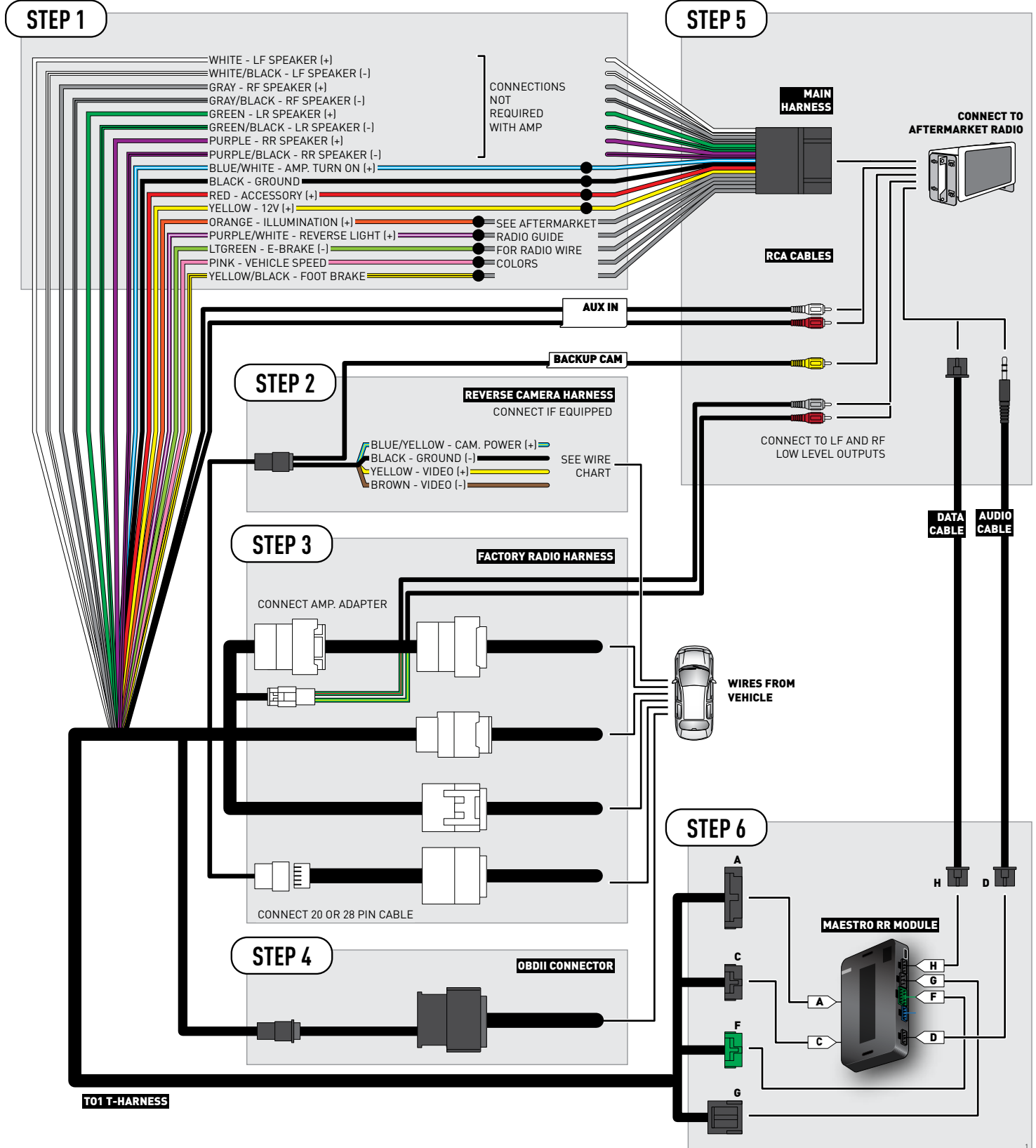
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WIRING DIAGRAM *with an Amplifier*



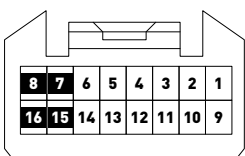
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REVERSE CAMERA CONNECTOR (WIRE SIDE)





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

WELCOME

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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@adsdata.ca

 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

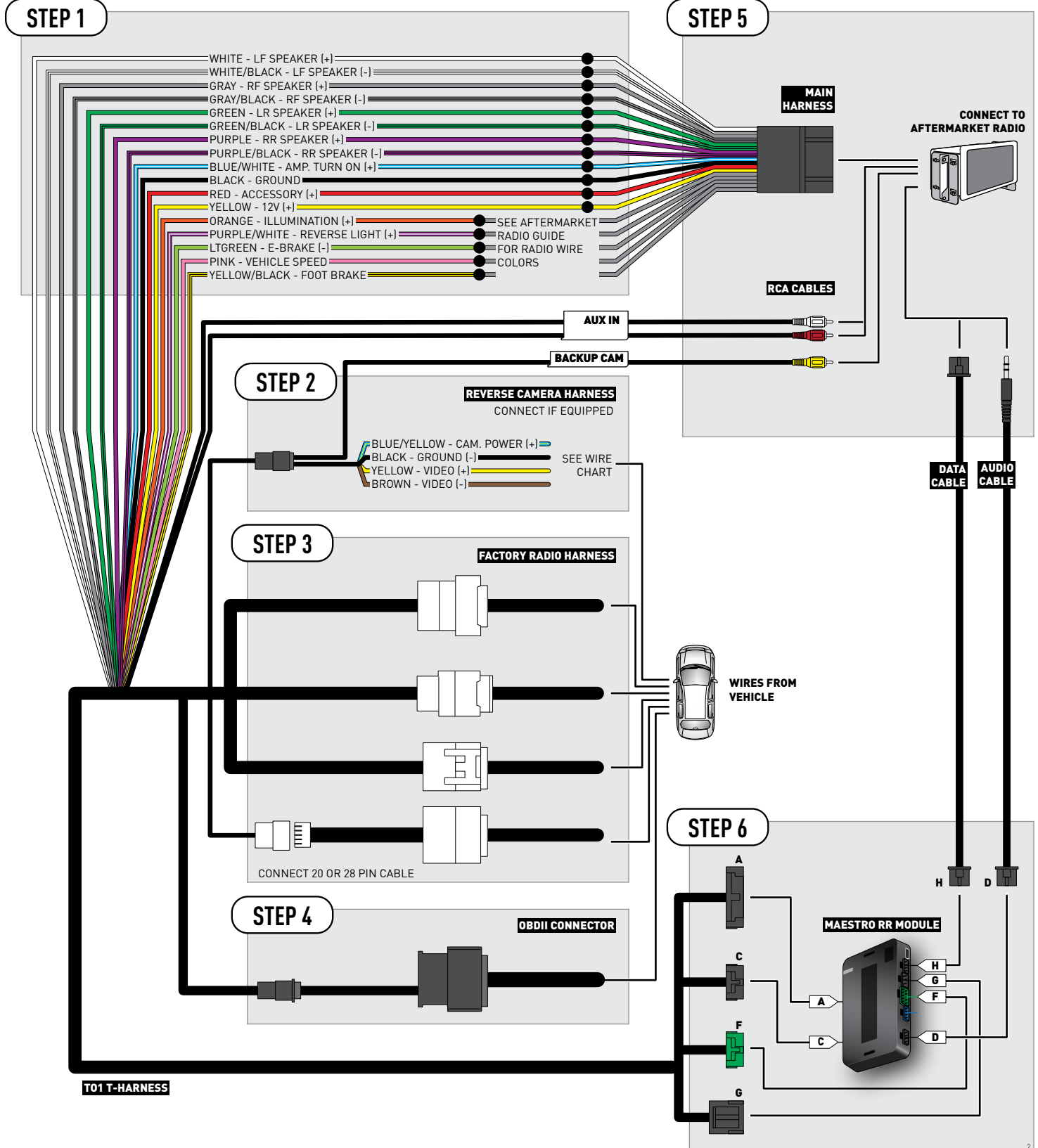
STEP 6

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

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 *without an Amplifier*



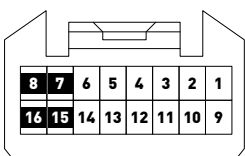
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	White	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Black	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA RAV 4 2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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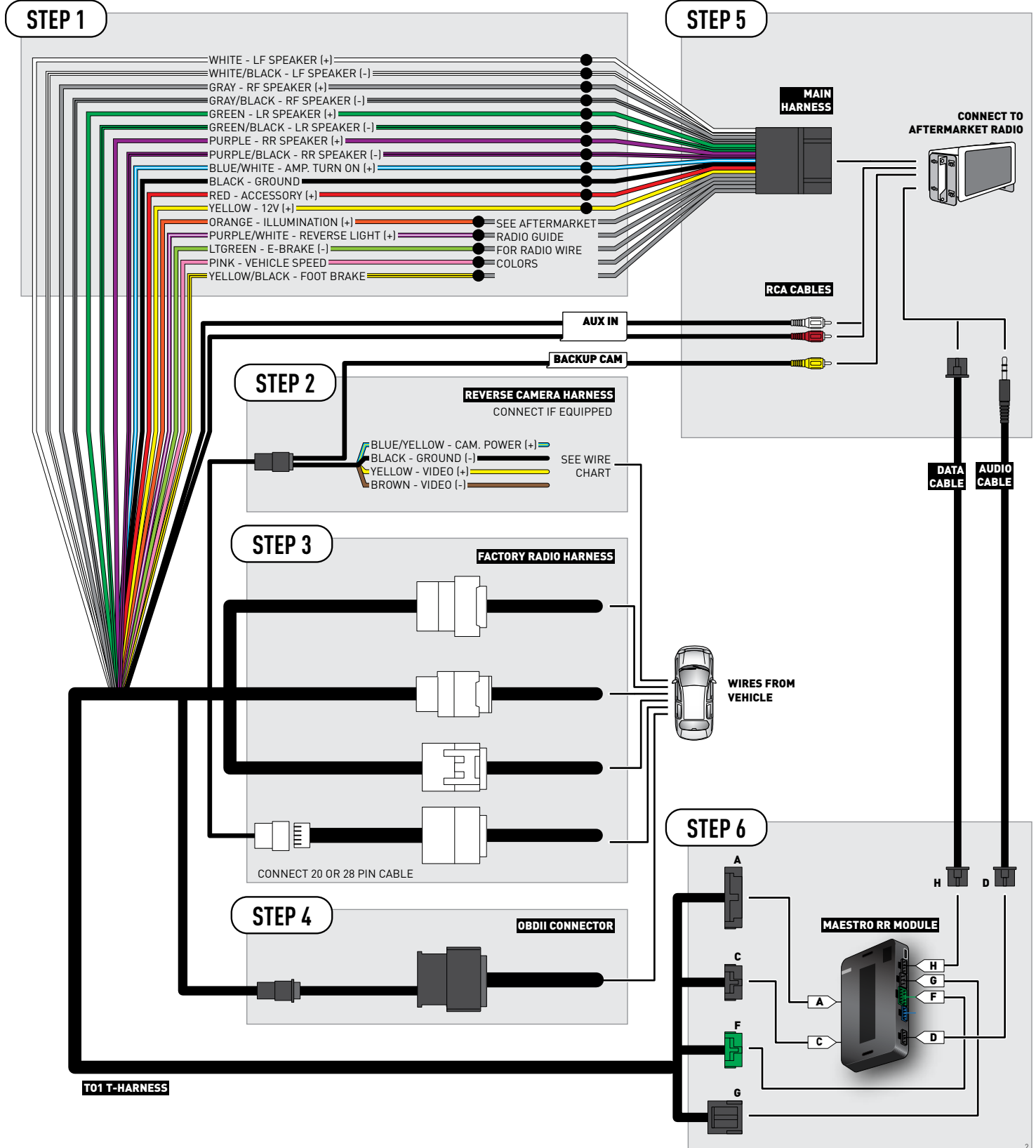
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- Connect all the harnesses to the Maestro RR module then test your installation.

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 *without an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA RAV 4 WITH JBL 2006-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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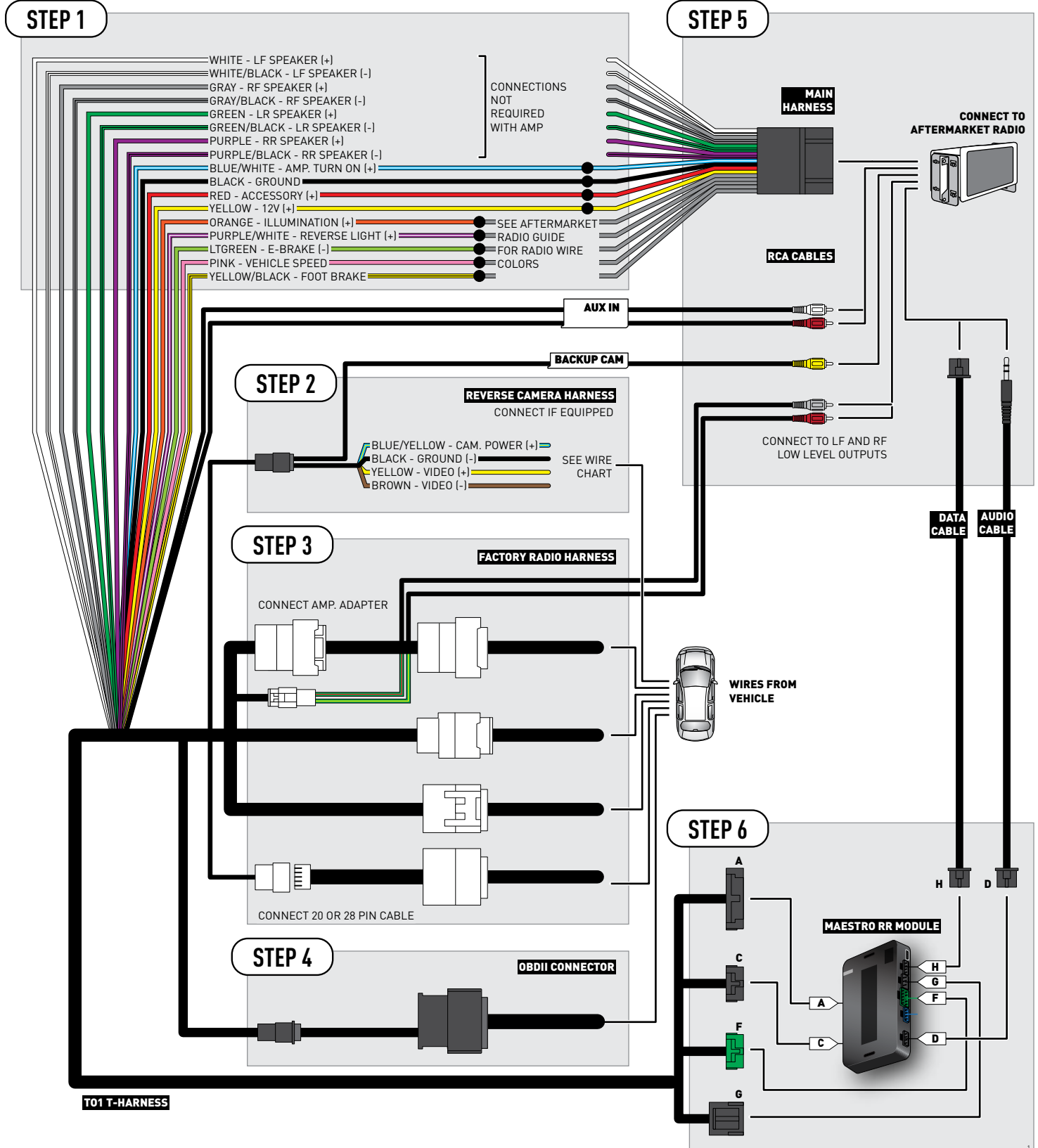
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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

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INSTALL GUIDE TOYOTA RAV 4 WITHOUT JBL 2006-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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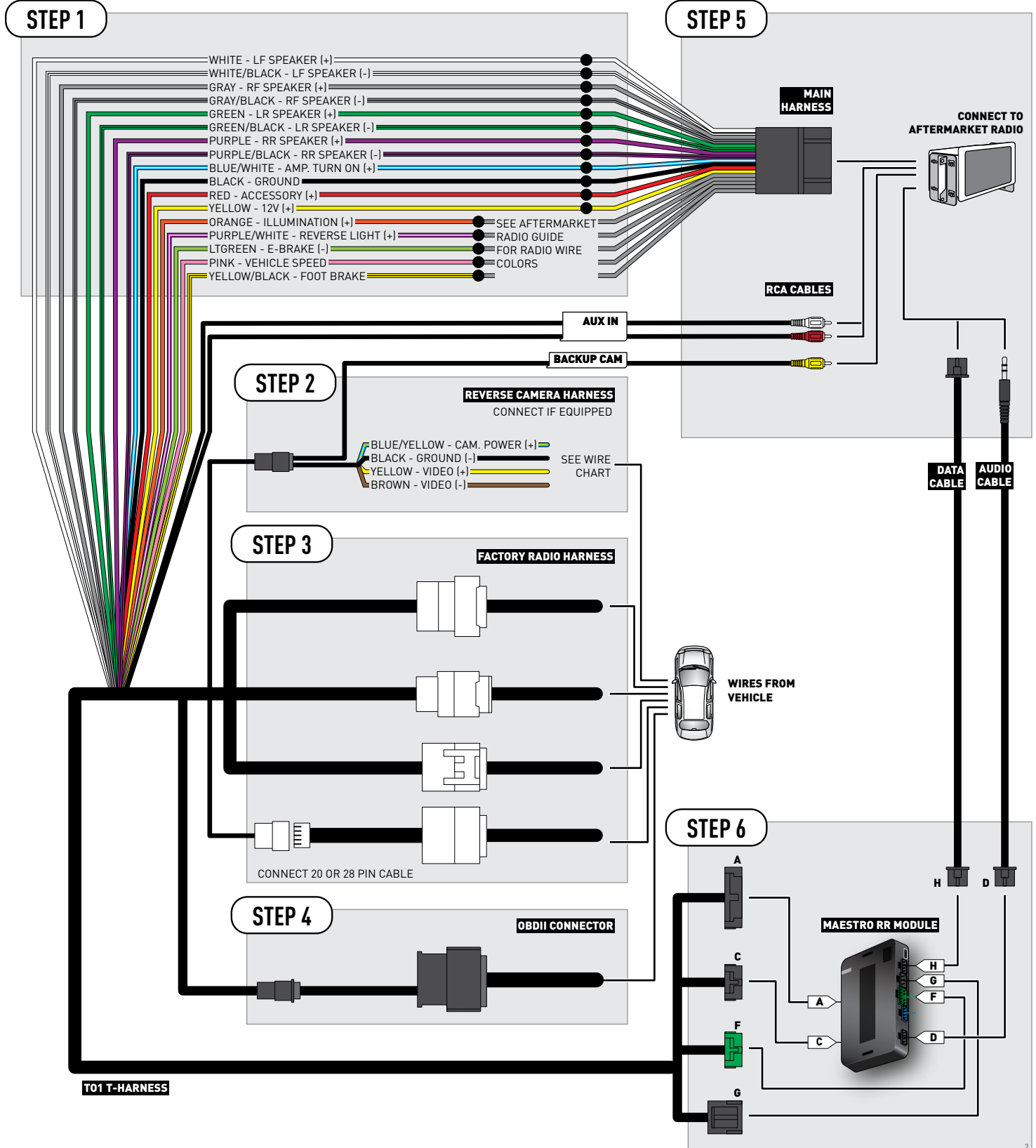
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Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA SEQUOIA WITH JBL 2008-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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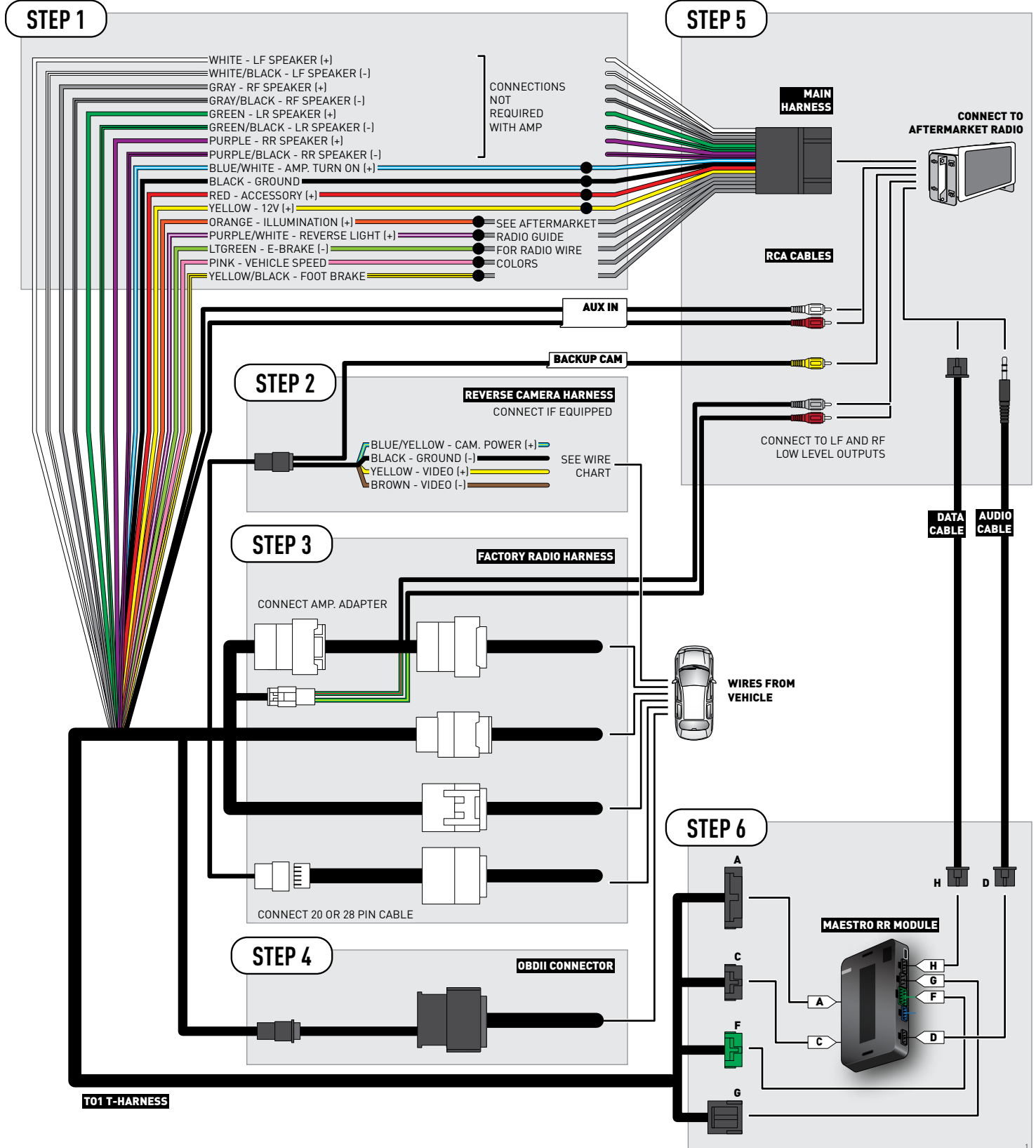
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WIRING DIAGRAM *with an Amplifier*



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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

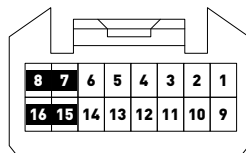
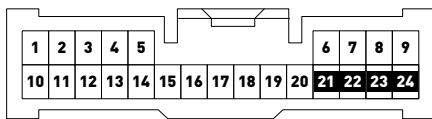
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	21	White	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Shield	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	White	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA SEQUOIA WITHOUT JBL 2008-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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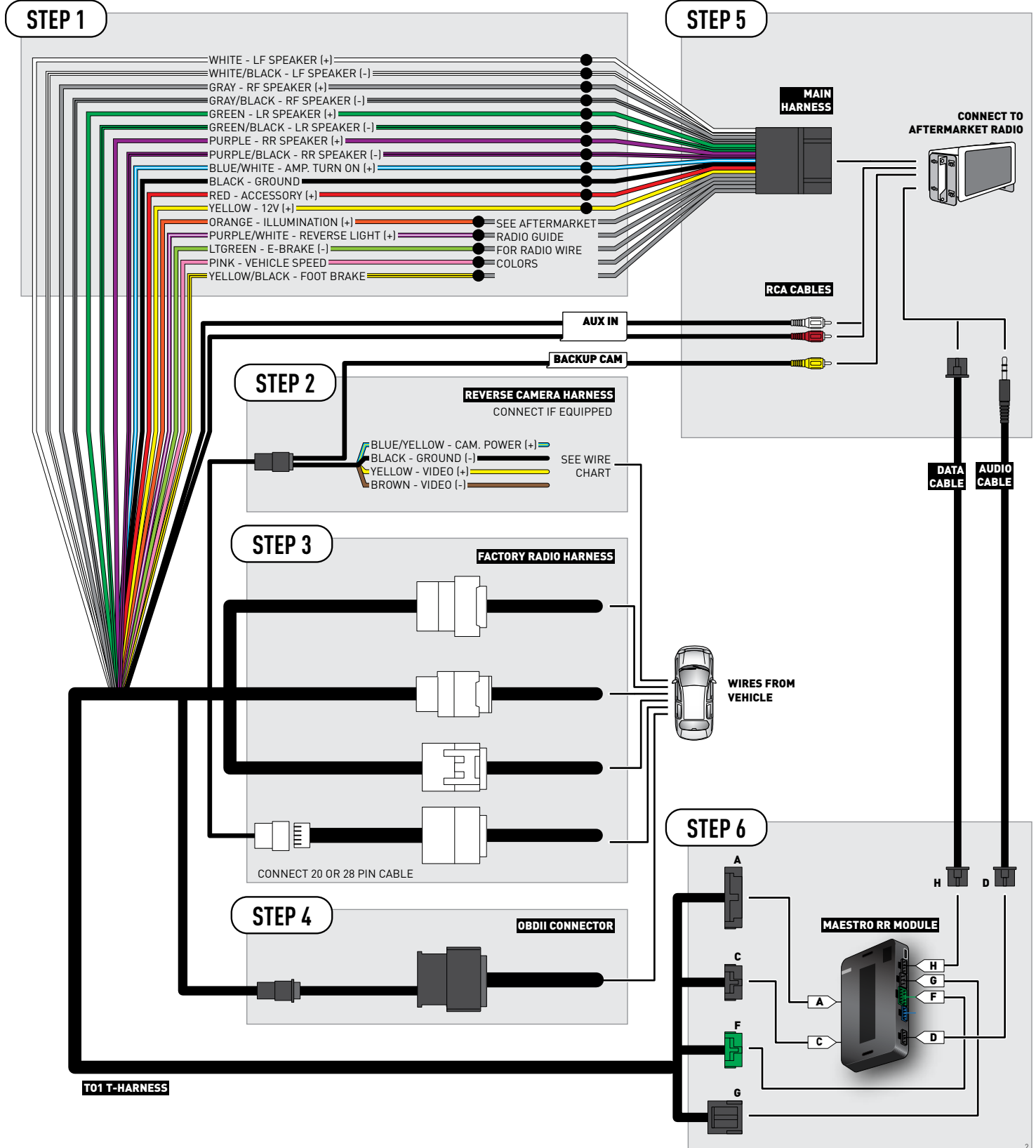
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TROUBLESHOOTING TIPS:

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WIRING DIAGRAM *without an Amplifier*



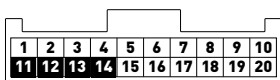
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Ground	~	~	20 pin	14	White	(-)	Reverse camera harness
Video +	~	~	20 pin	11	Red	(+)	Reverse camera harness
Video -	~	~	20 pin	12	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA SEQUOIA WITHOUT JBL 2014-2018

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

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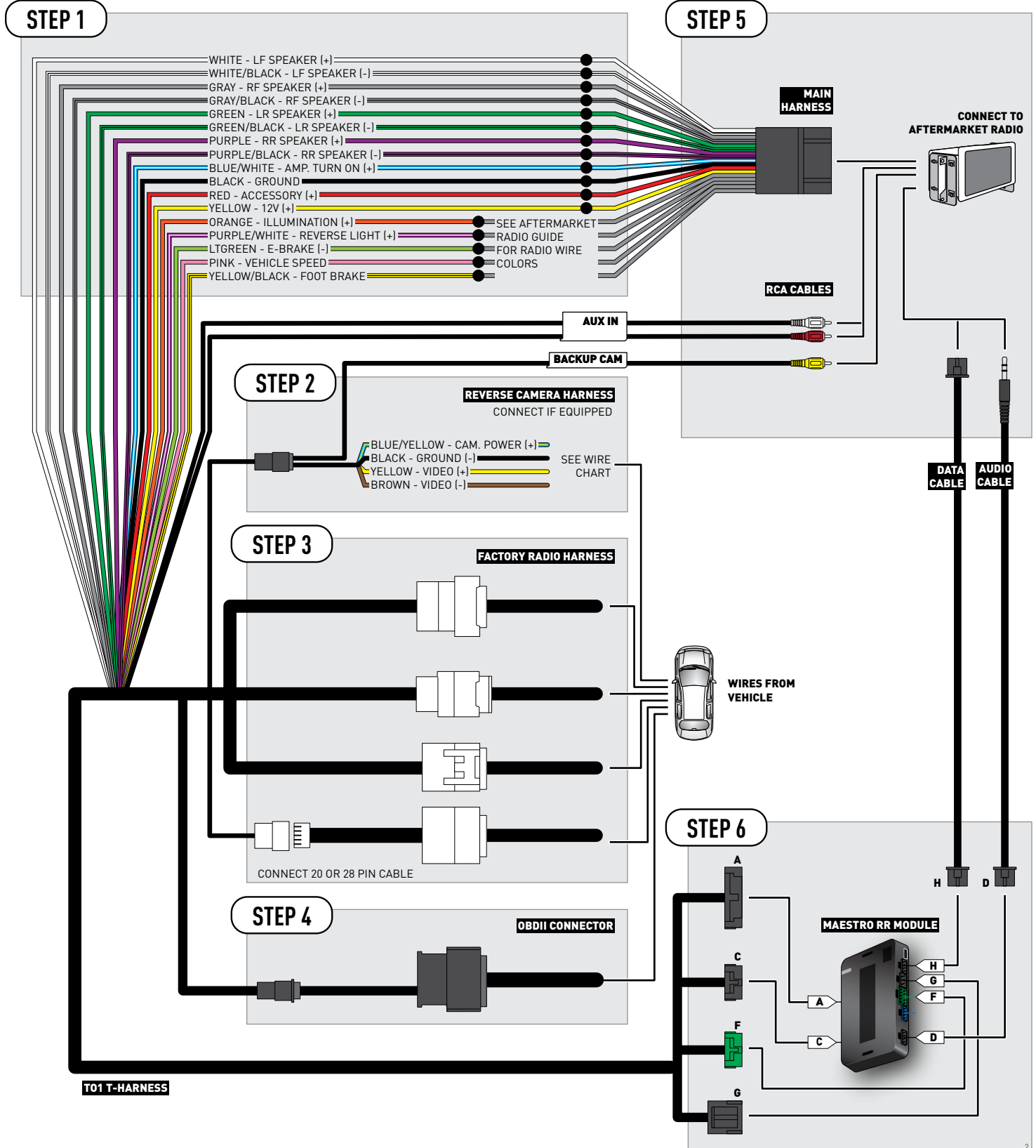
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

WIRING DIAGRAM *without an Amplifier*



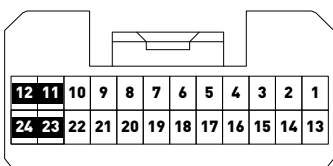
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	White	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA SIENNA WITH JBL 2007-2010

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware 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@adsdata.ca


 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

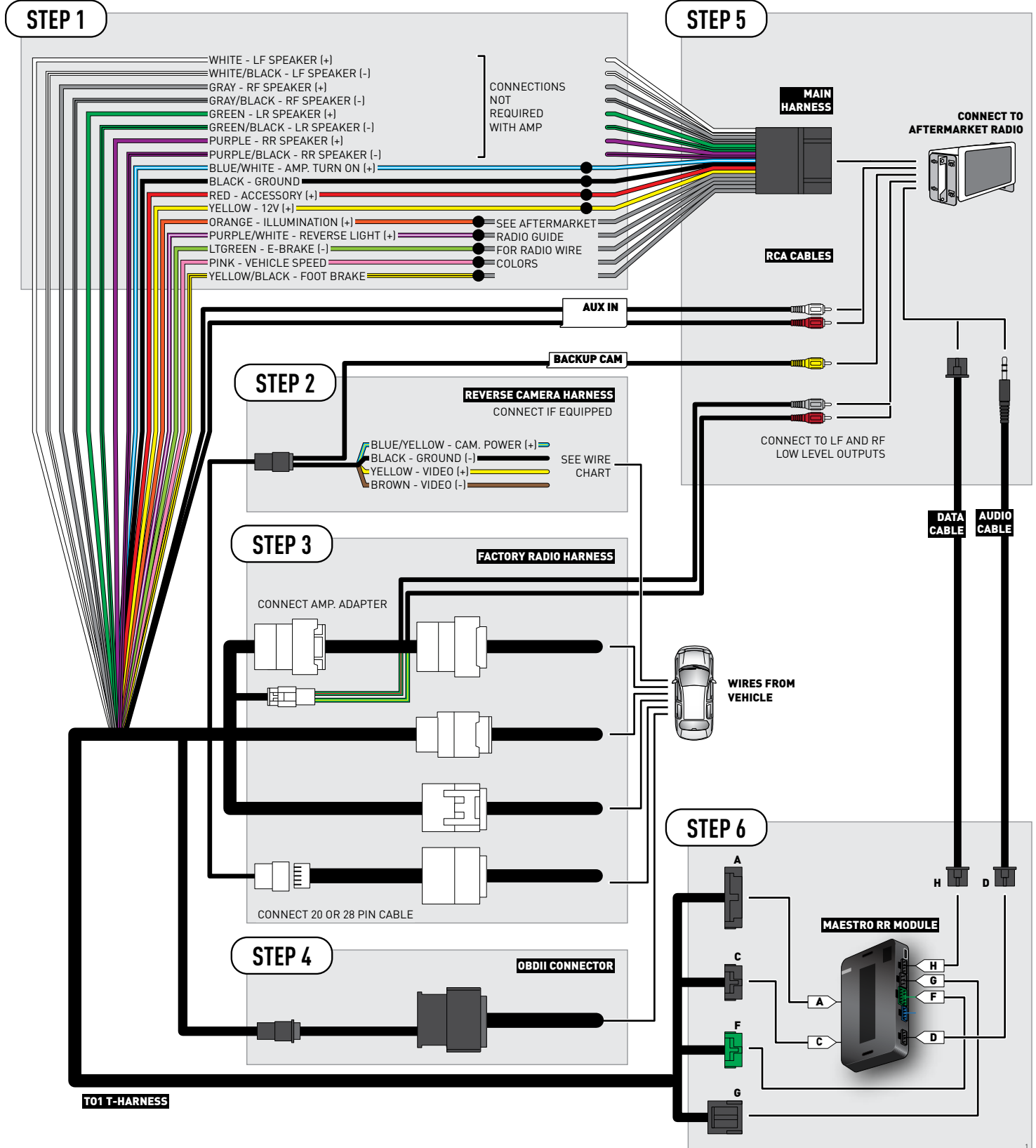
STEP 6

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

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 *with an Amplifier*



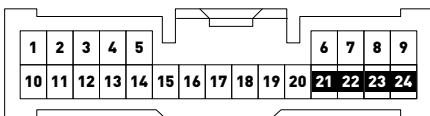
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

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REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA SIENNA WITH JBL 2011-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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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 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.

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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 T01 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

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

STEP 3

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

STEP 4

- 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).
- Connect the left front and right front low level outputs RCA cables 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.

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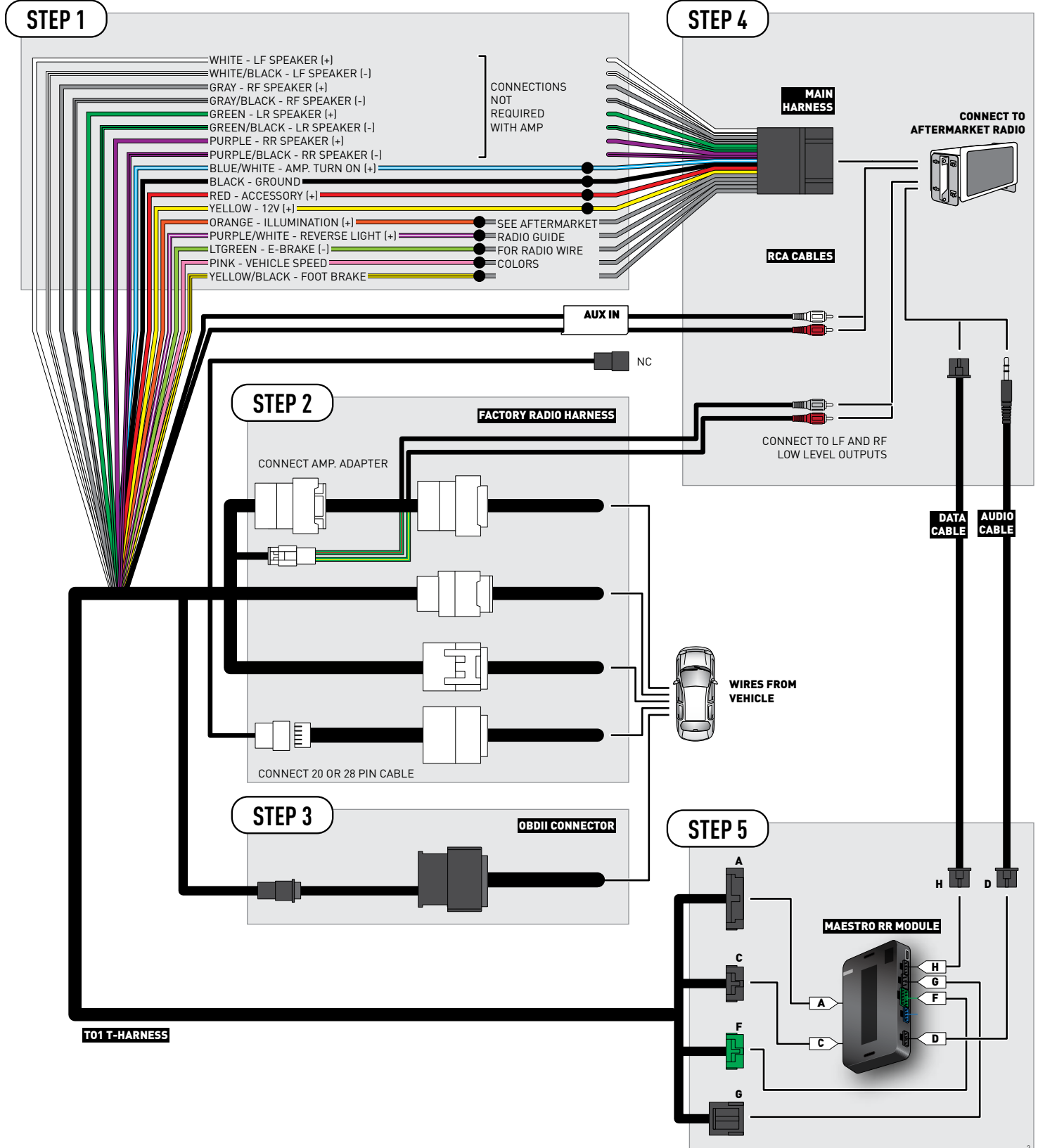
STEP 5

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

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 *with an Amplifier*



RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA SIENNA WITHOUT JBL 2007-2010

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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

NEED HELP?

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- Remove the factory radio.

STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

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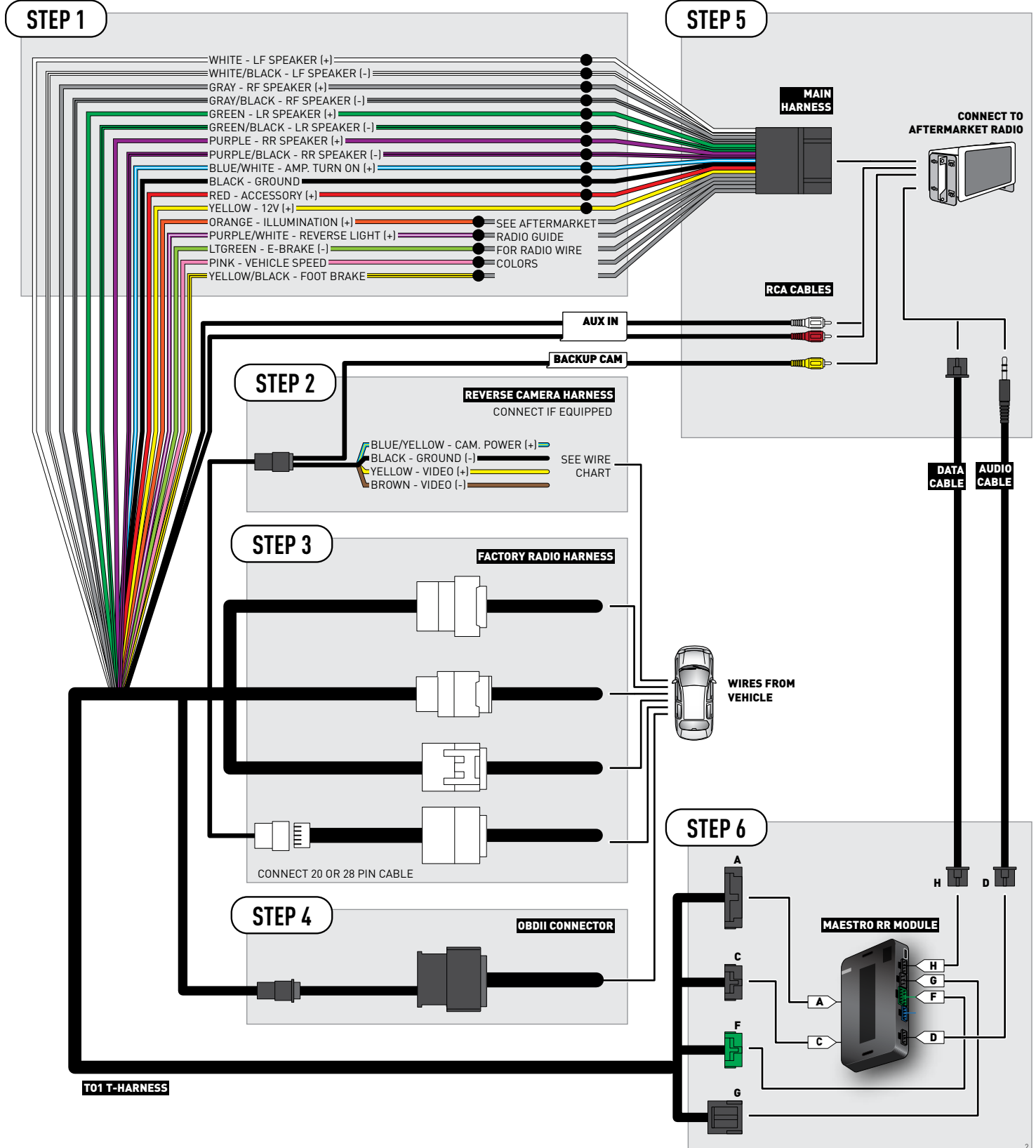
STEP 6

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

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 *without an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA SIENNA WITHOUT JBL 2011-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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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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STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
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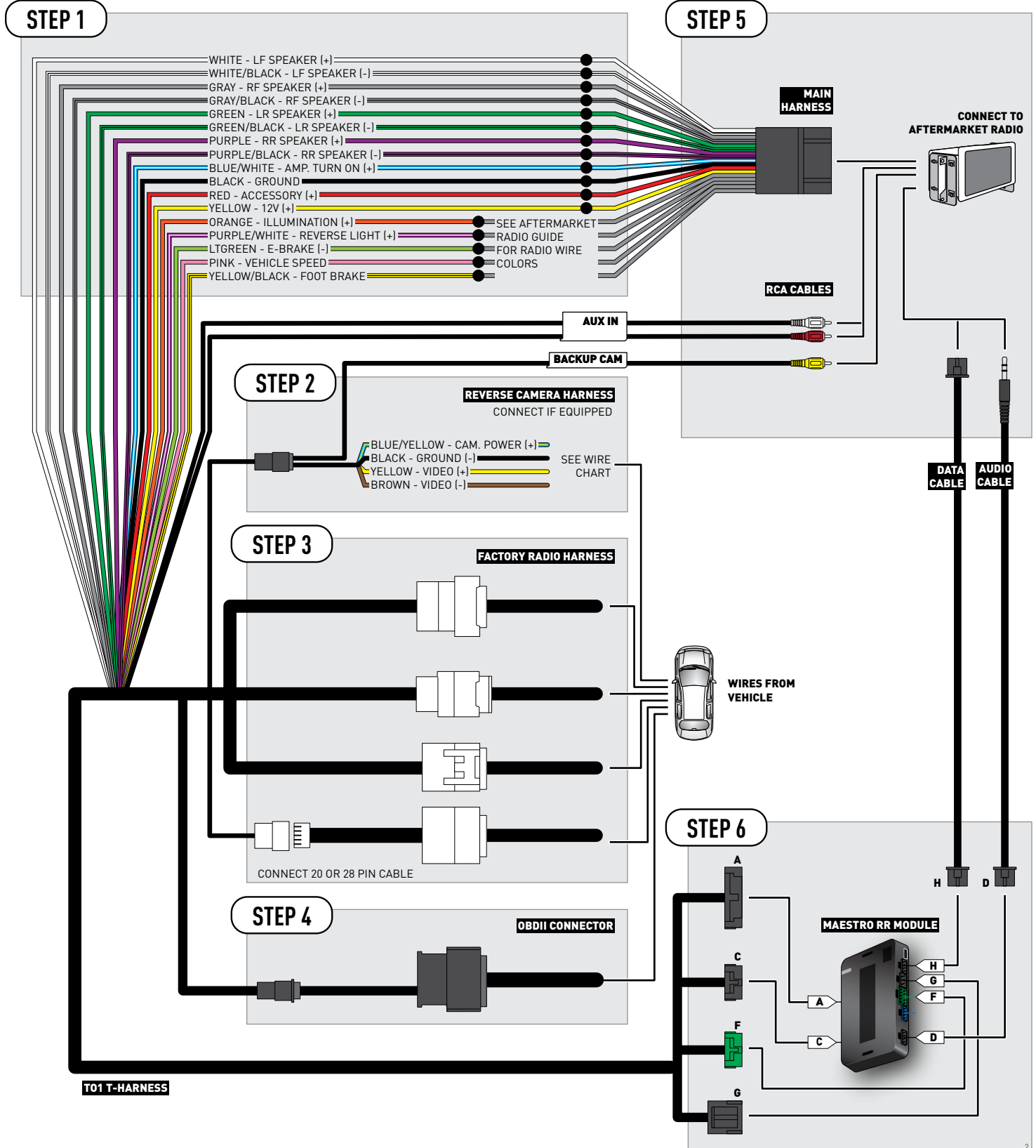
STEP 6

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

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 *without an Amplifier*



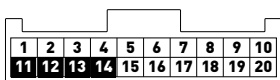
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Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
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Ground	~	~	20 pin	14	Shield	(-)	Reverse camera harness
Video +	~	~	20 pin	11	Black	(+)	Reverse camera harness
Video -	~	~	20 pin	12	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA TACOMA WITH JBL 2005-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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


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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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 T01 T-harness and match the wire functions.
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- If the vehicle is equipped with an OEM backup camera, connect the T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
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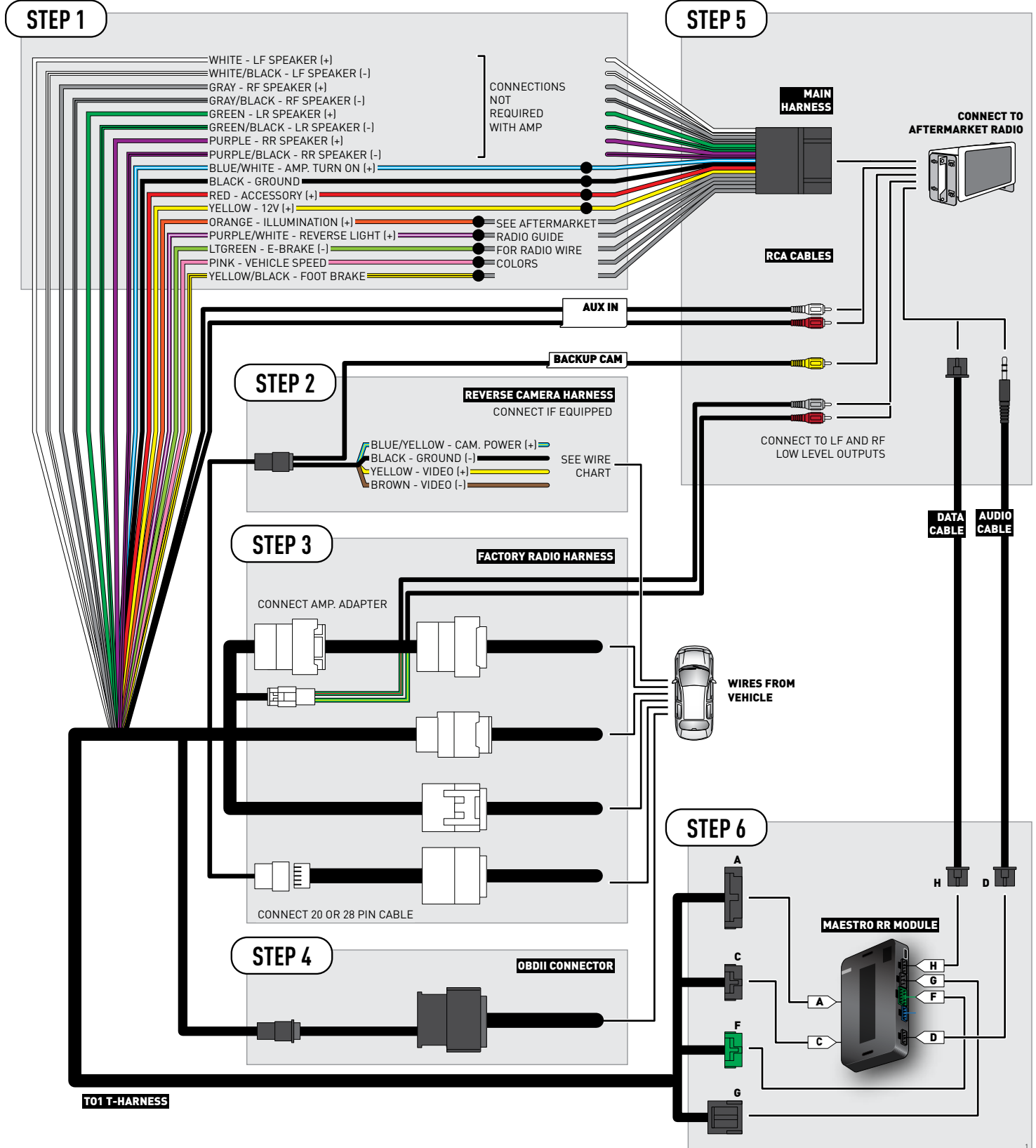
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- Connect all the harnesses to the Maestro RR module then test your installation.

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 *with an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA TACOMA WITH JBL 2012-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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NEED HELP?

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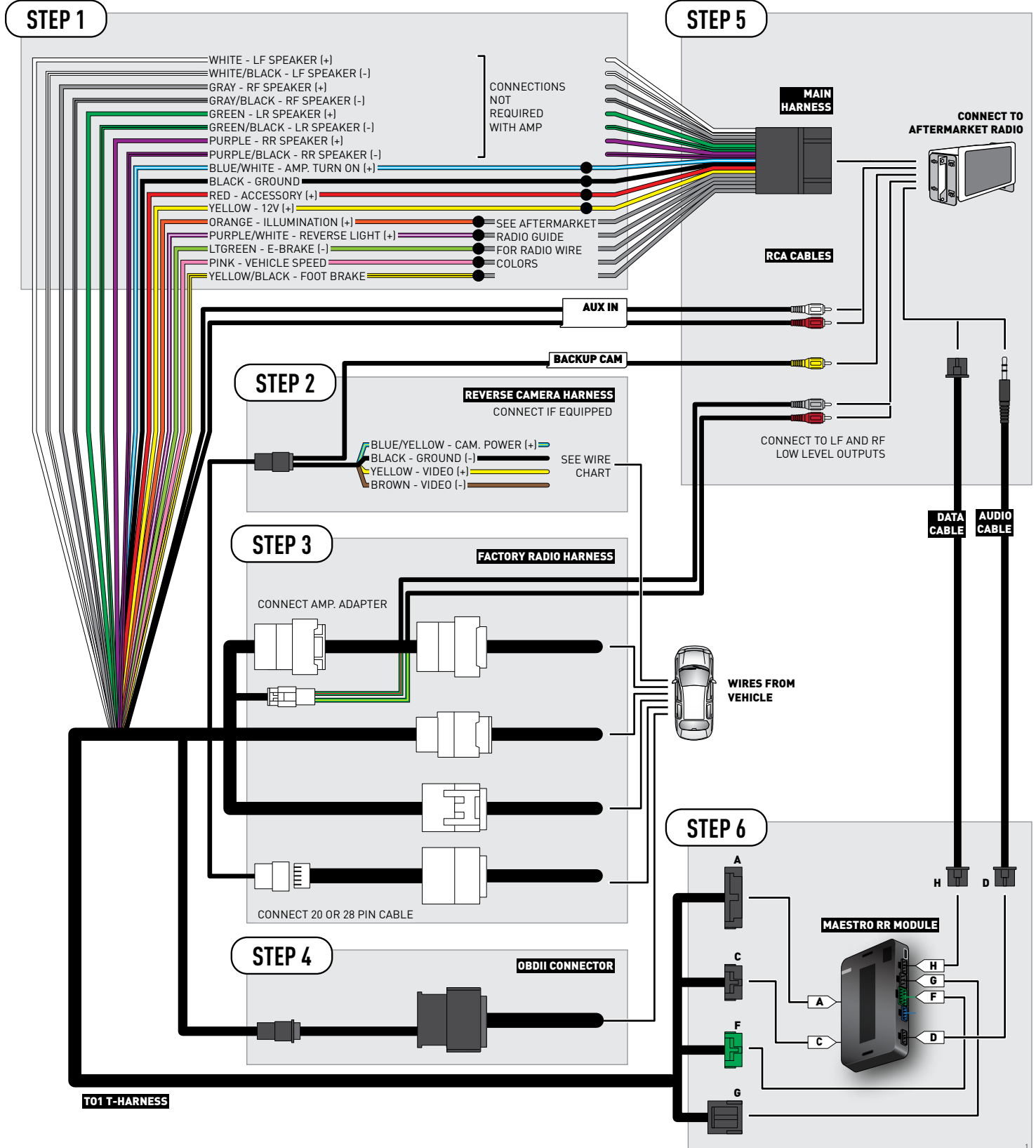
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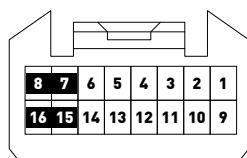
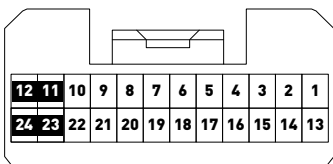
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA TACOMA WITH JBL 2014-2015

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca


 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.
- Cut RCA wires from amp. adapter and connect them to matching wires of T01 t-harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

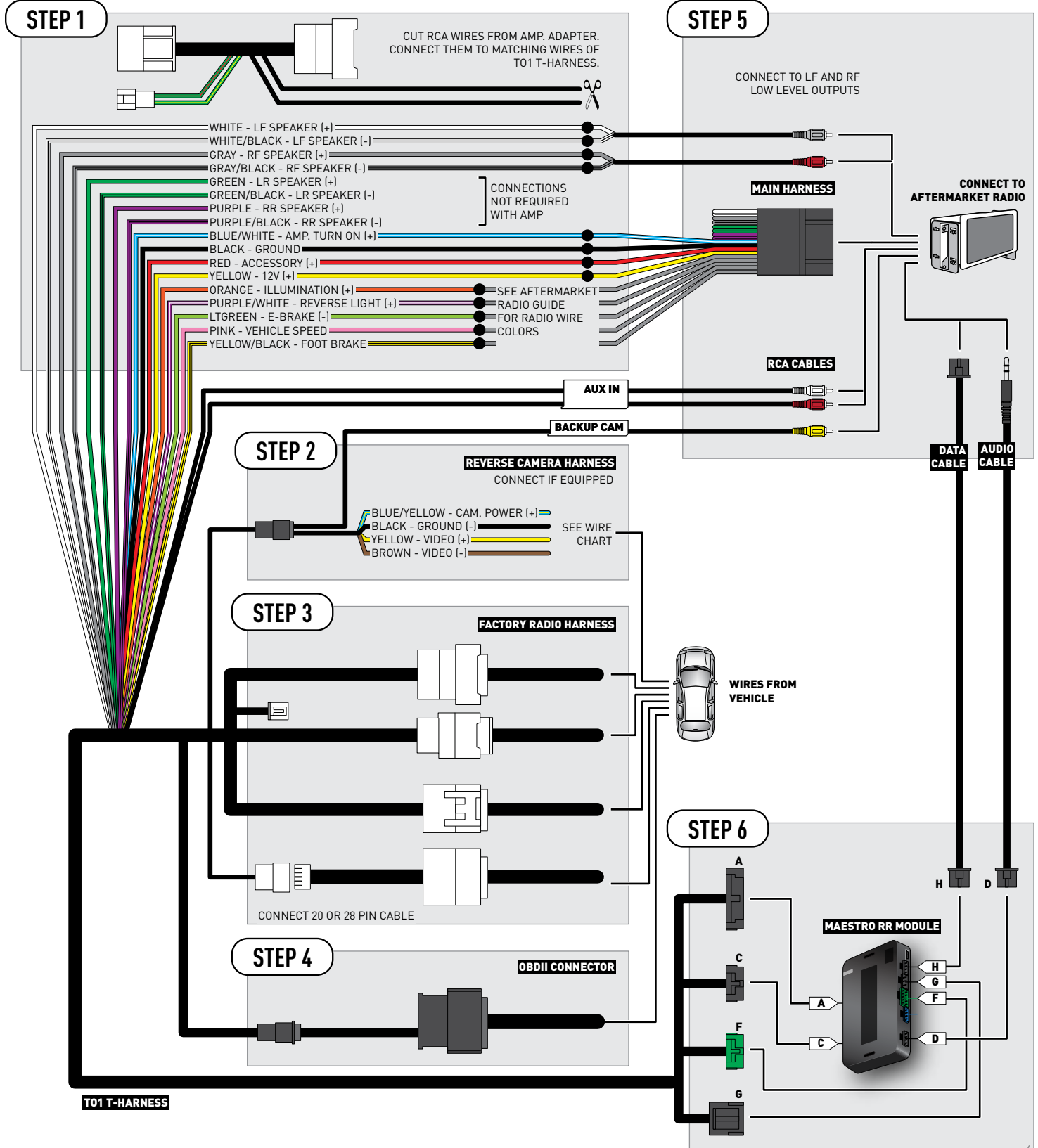
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM *with an Amplifier*



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

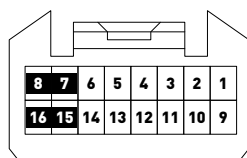
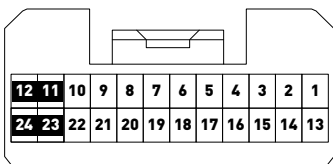
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA TACOMA WITHOUT JBL 2005-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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.


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NEED HELP?

 **1 866 427-2999**

 maestro.support@adsdata.ca

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

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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

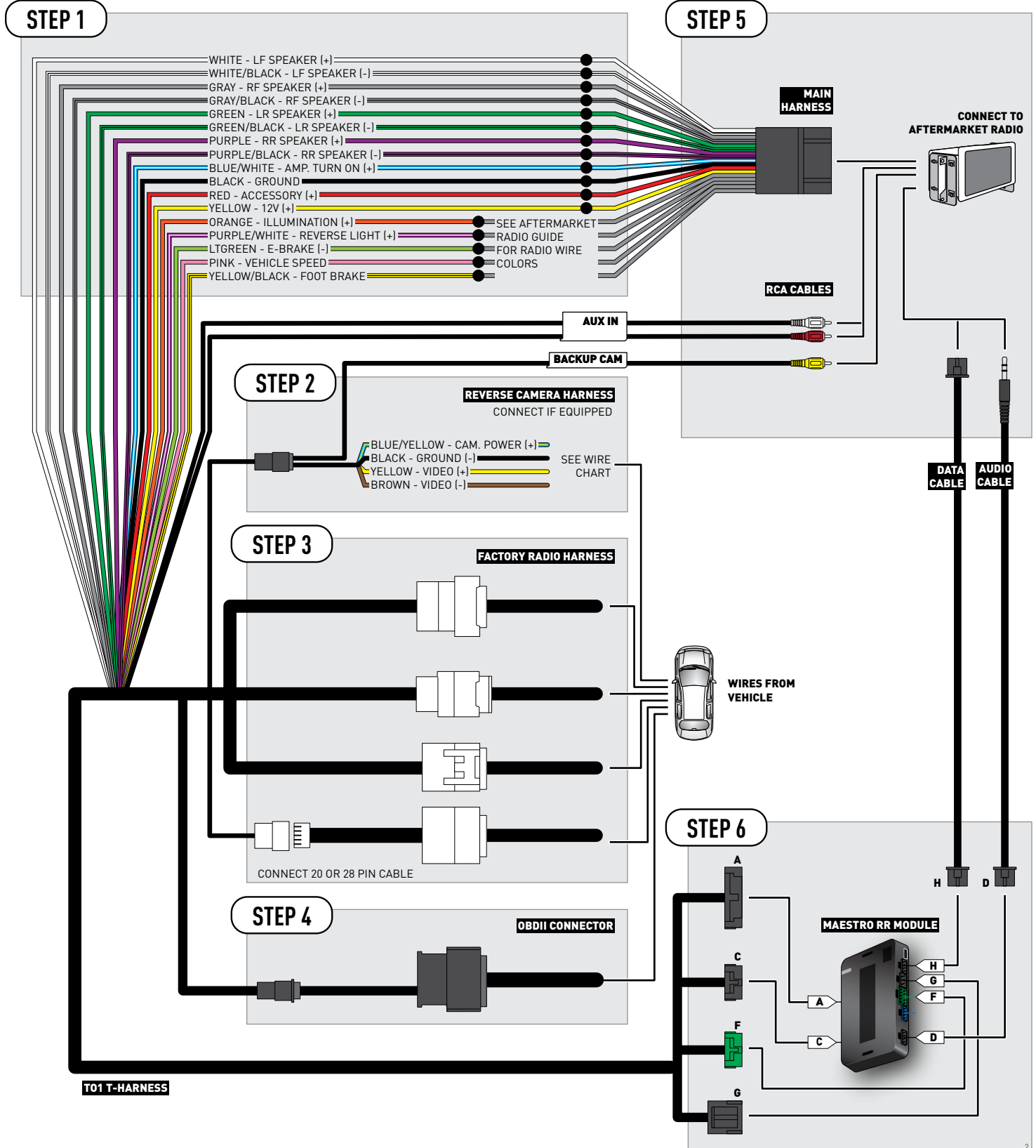
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

WIRING DIAGRAM *without an Amplifier*



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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA TACOMA WITHOUT JBL 2012-2015

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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


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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

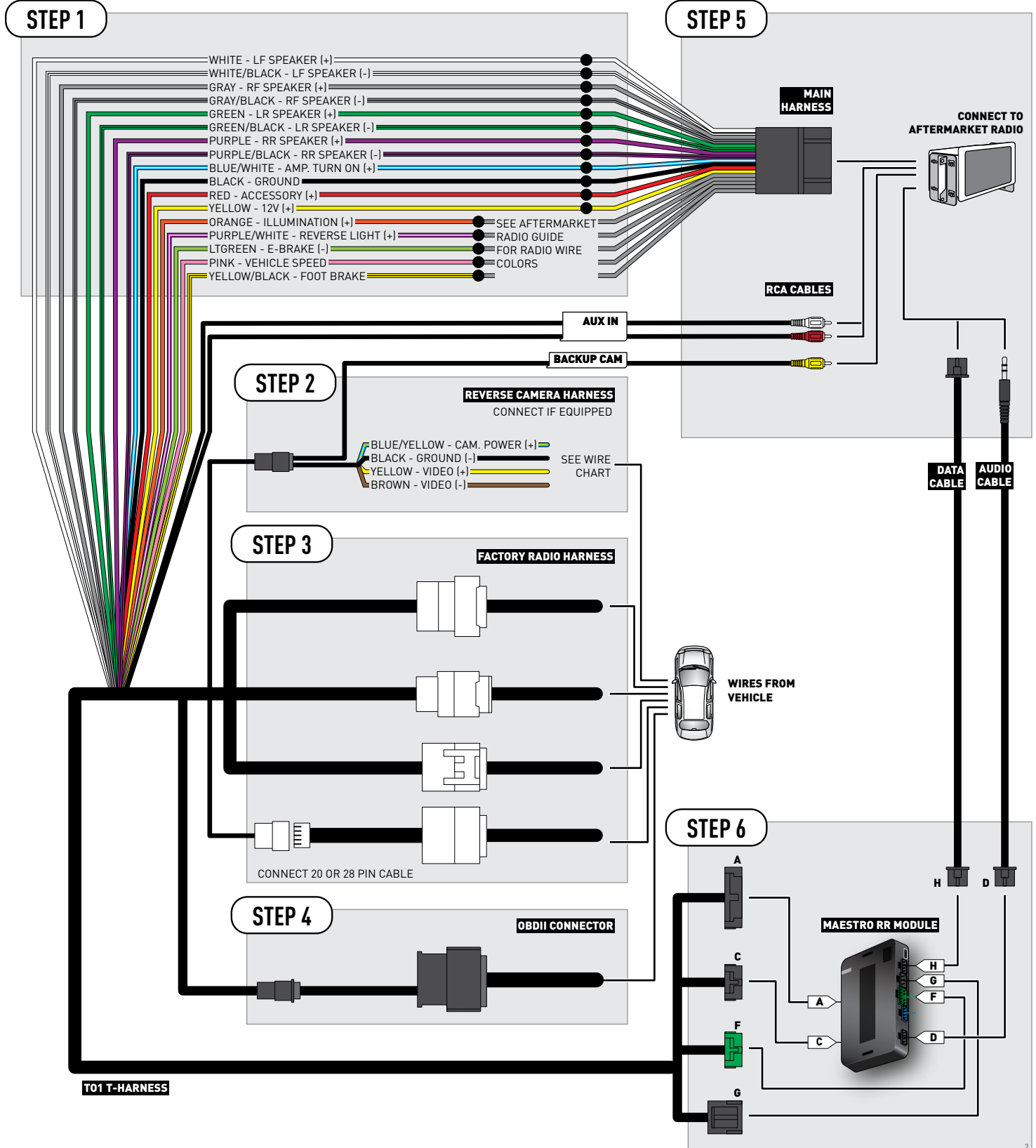
STEP 6

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

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 *without an Amplifier*



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

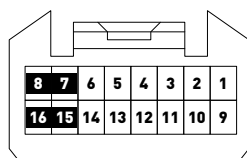
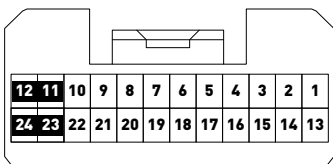
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA TUNDRA WITH JBL 2007-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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


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@adsdata.ca


 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

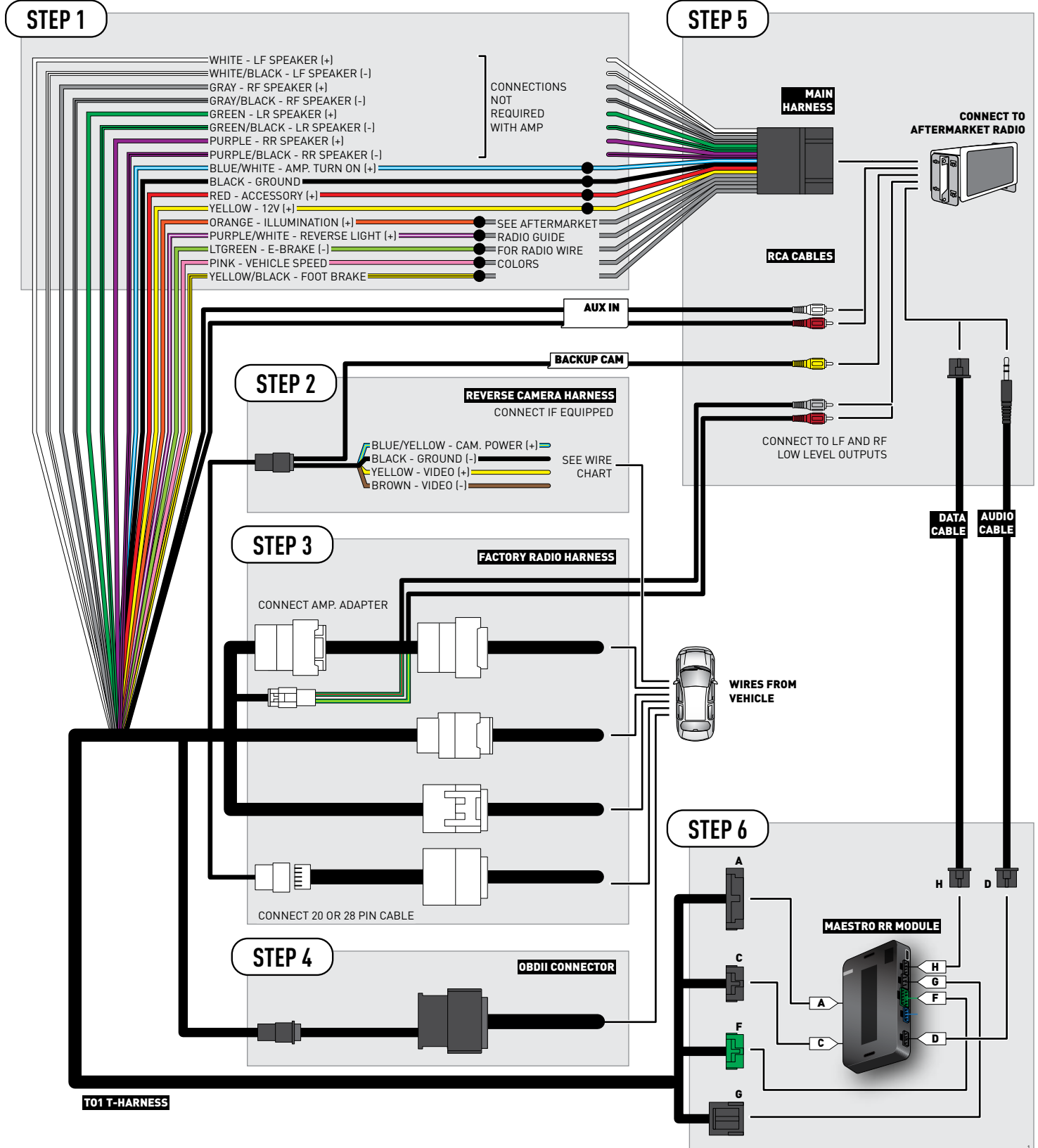
STEP 6

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

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 *with an Amplifier*



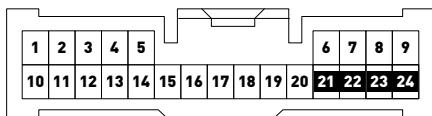
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	24	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	21	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	22	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	23	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA TUNDRA WITHOUT JBL 2007-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro T01 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware 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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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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

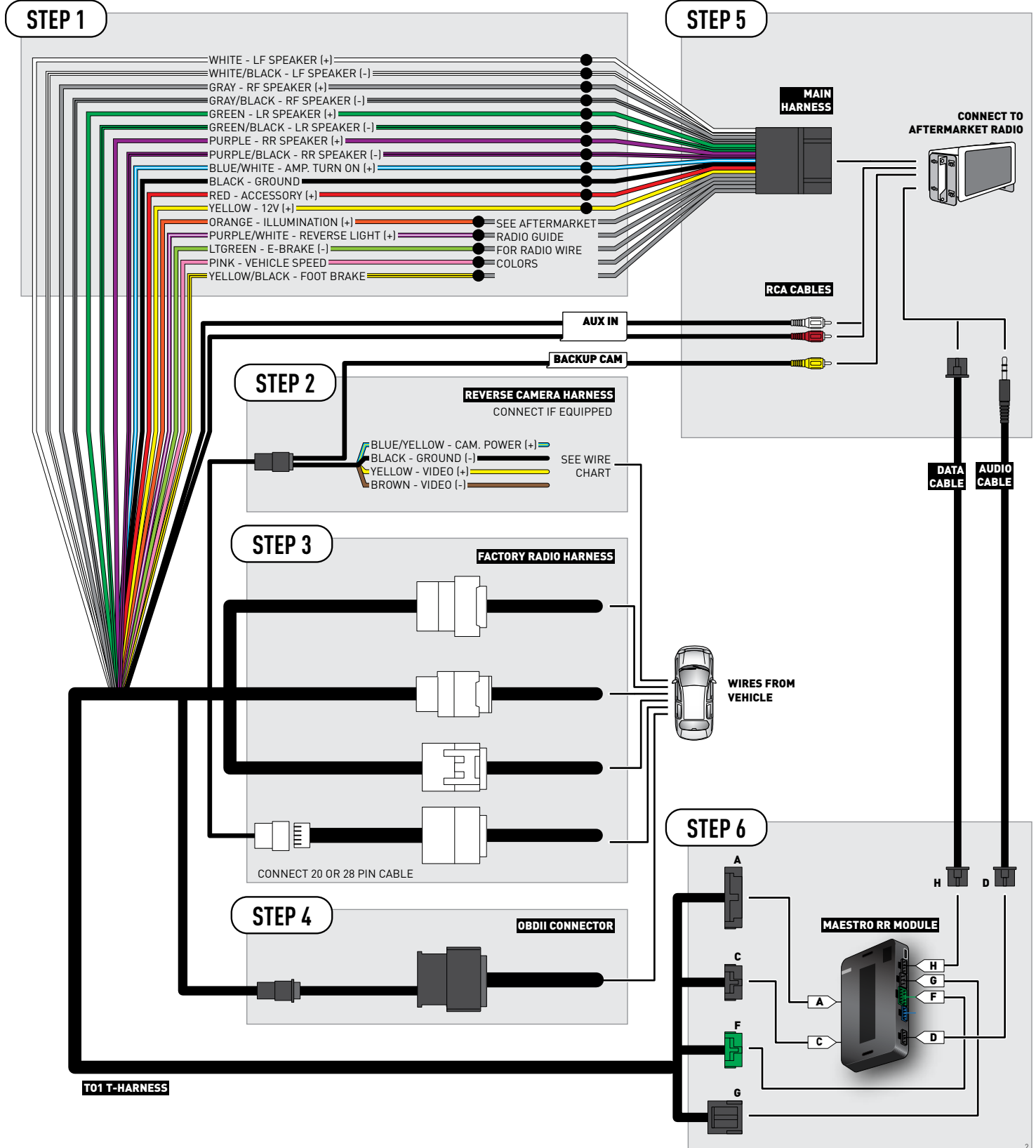
STEP 6

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

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 *without an Amplifier*



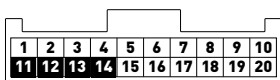
RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	20 pin	13	Black	(+)	Reverse camera harness
Ground	~	~	20 pin	14	White	(-)	Reverse camera harness
Video +	~	~	20 pin	11	Red	(+)	Reverse camera harness
Video -	~	~	20 pin	12	Shield	(-)	Reverse camera harness

REVERSE CAMERA CONNECTOR (WIRE SIDE)





INSTALL GUIDE TOYOTA VENZA WITH JBL 2009-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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.


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NEED HELP?

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www.12voltdata.com/forum

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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

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

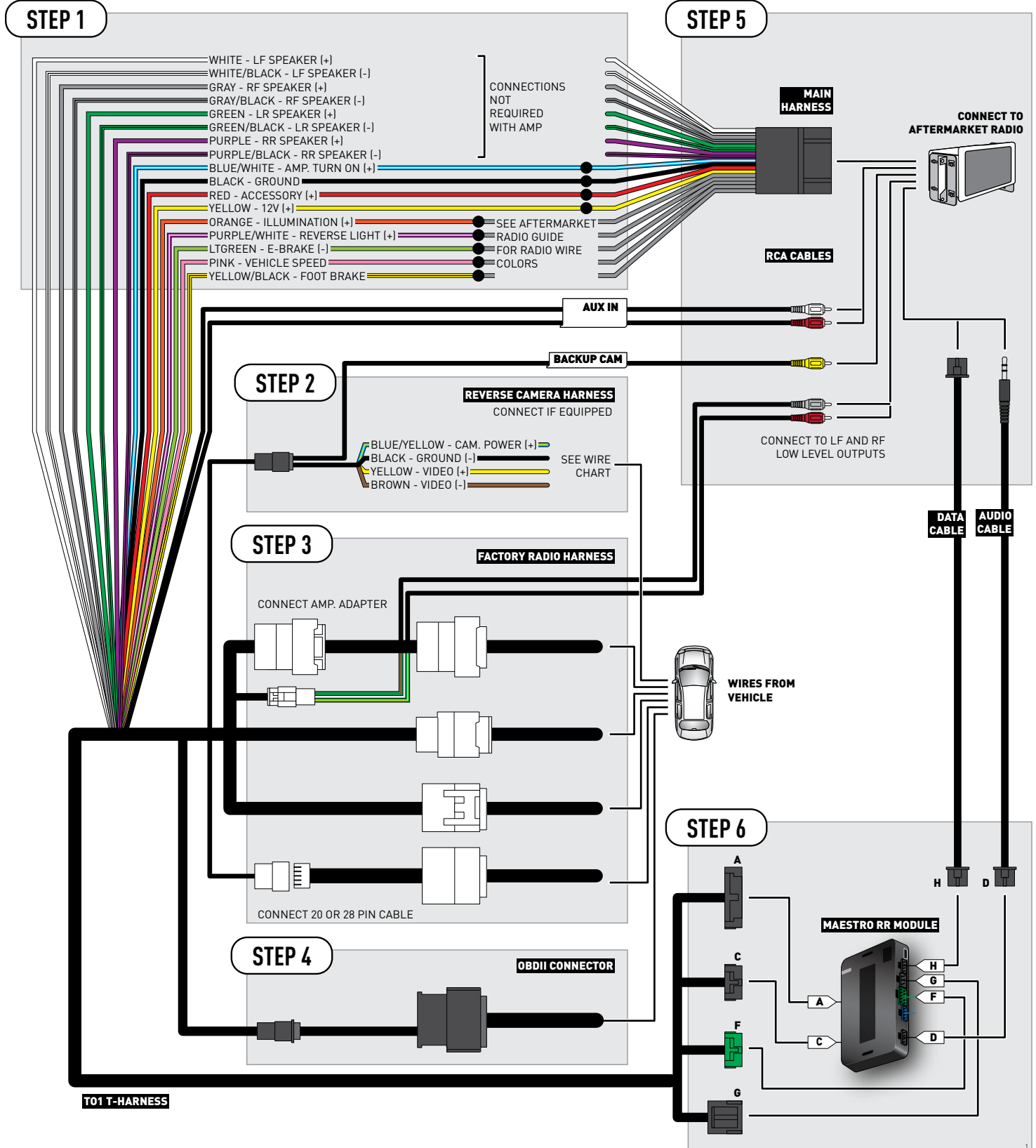
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM *with an Amplifier*



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

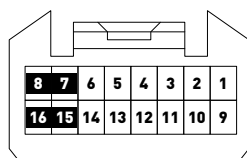
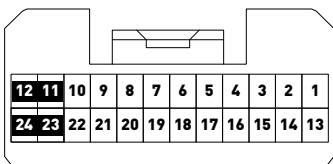
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA VENZA WITH JBL 2013-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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@adsdata.ca


 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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).
- Connect the left front and right front low level outputs RCA cables 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.

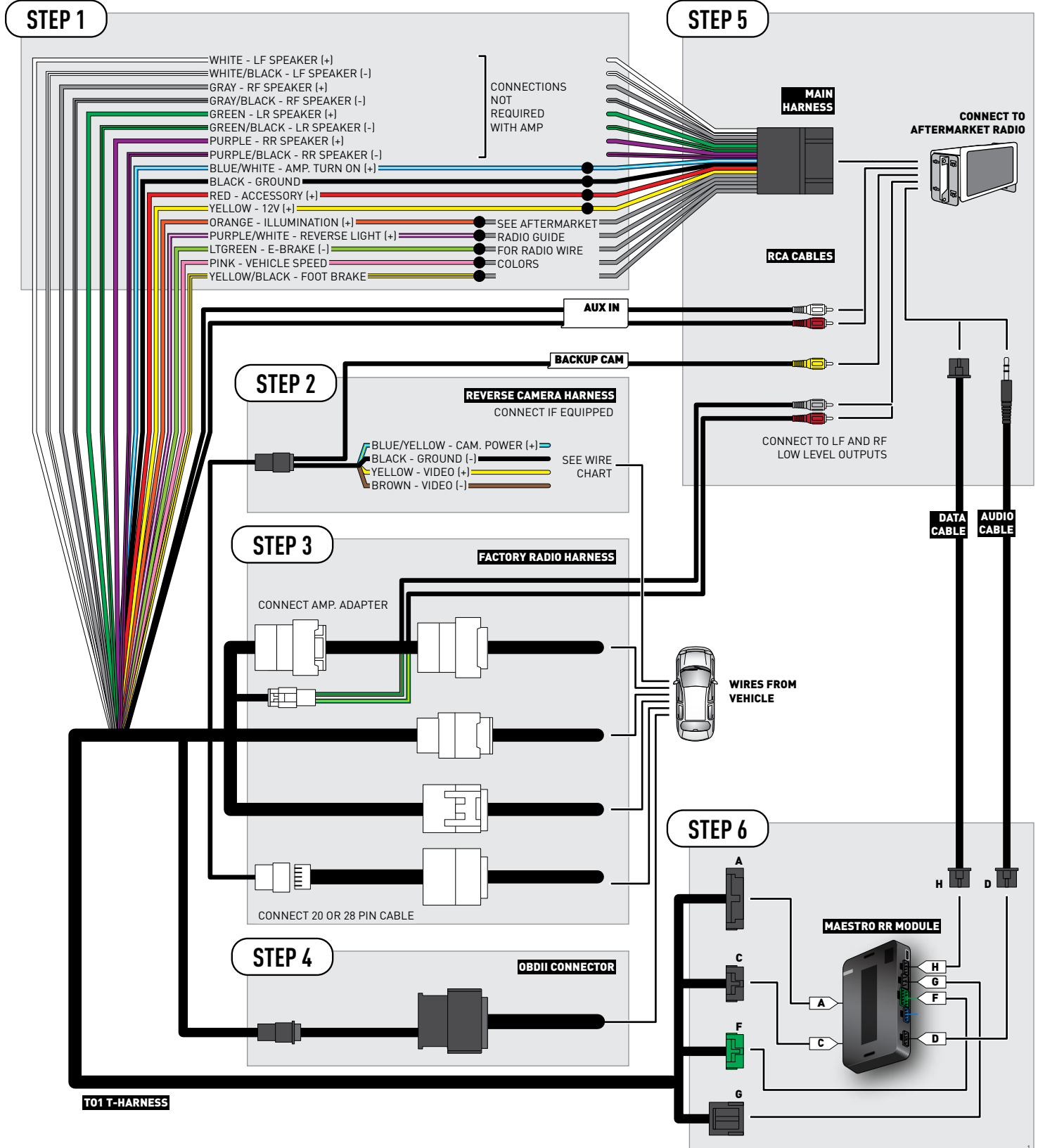
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

WIRING DIAGRAM *with an Amplifier*



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

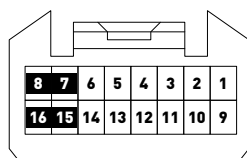
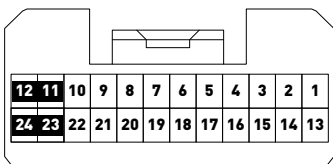
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA VENZA WITHOUT JBL 2009-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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.


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NEED HELP?

 **1 866 427-2999**

 maestro.support@adsdata.ca

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

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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

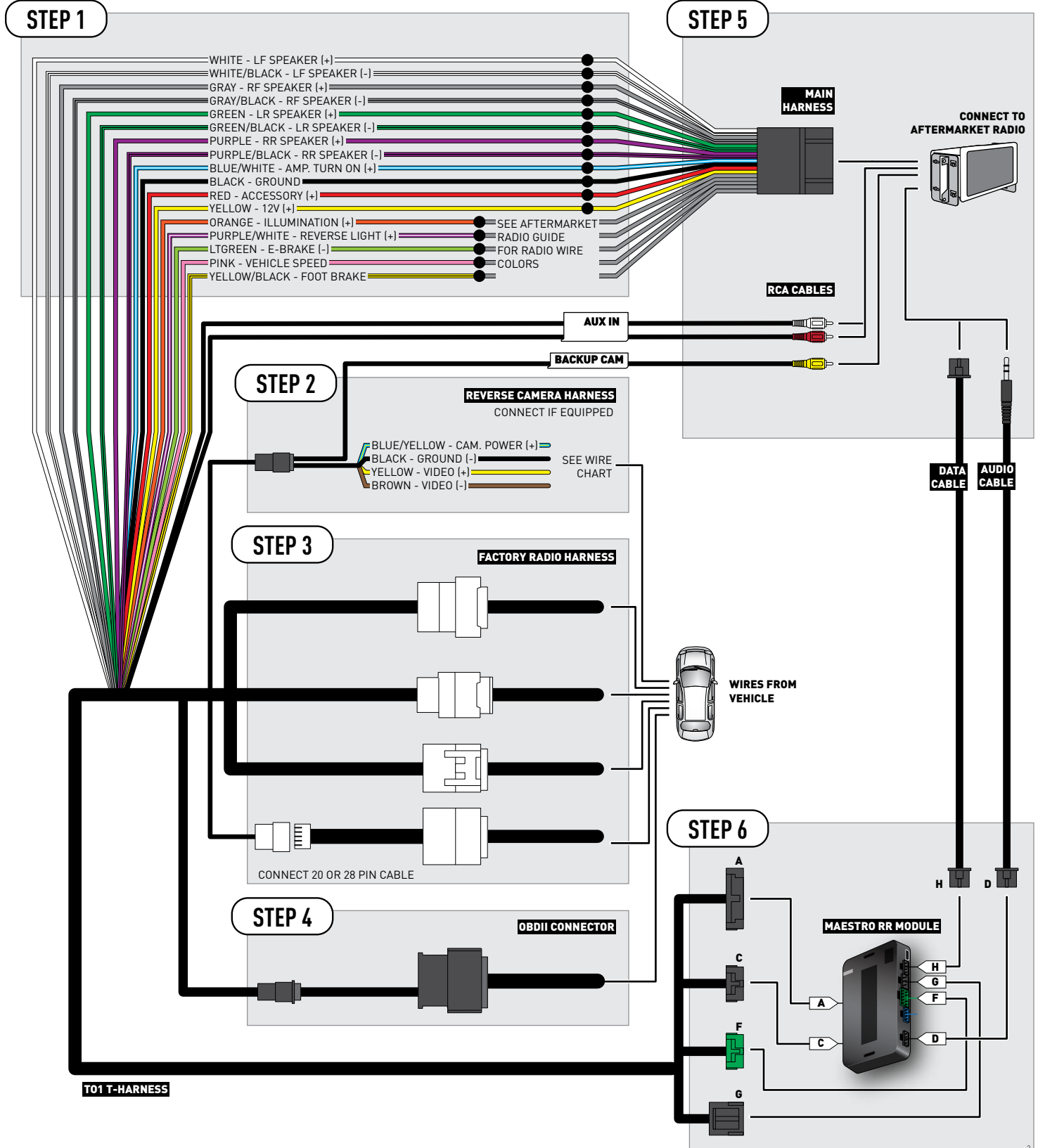
STEP 6

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

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 "maestro.support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voldata.com/forum/"

WIRING DIAGRAM *without an Amplifier*



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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA VENZA WITHOUT JBL 2013-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

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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 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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

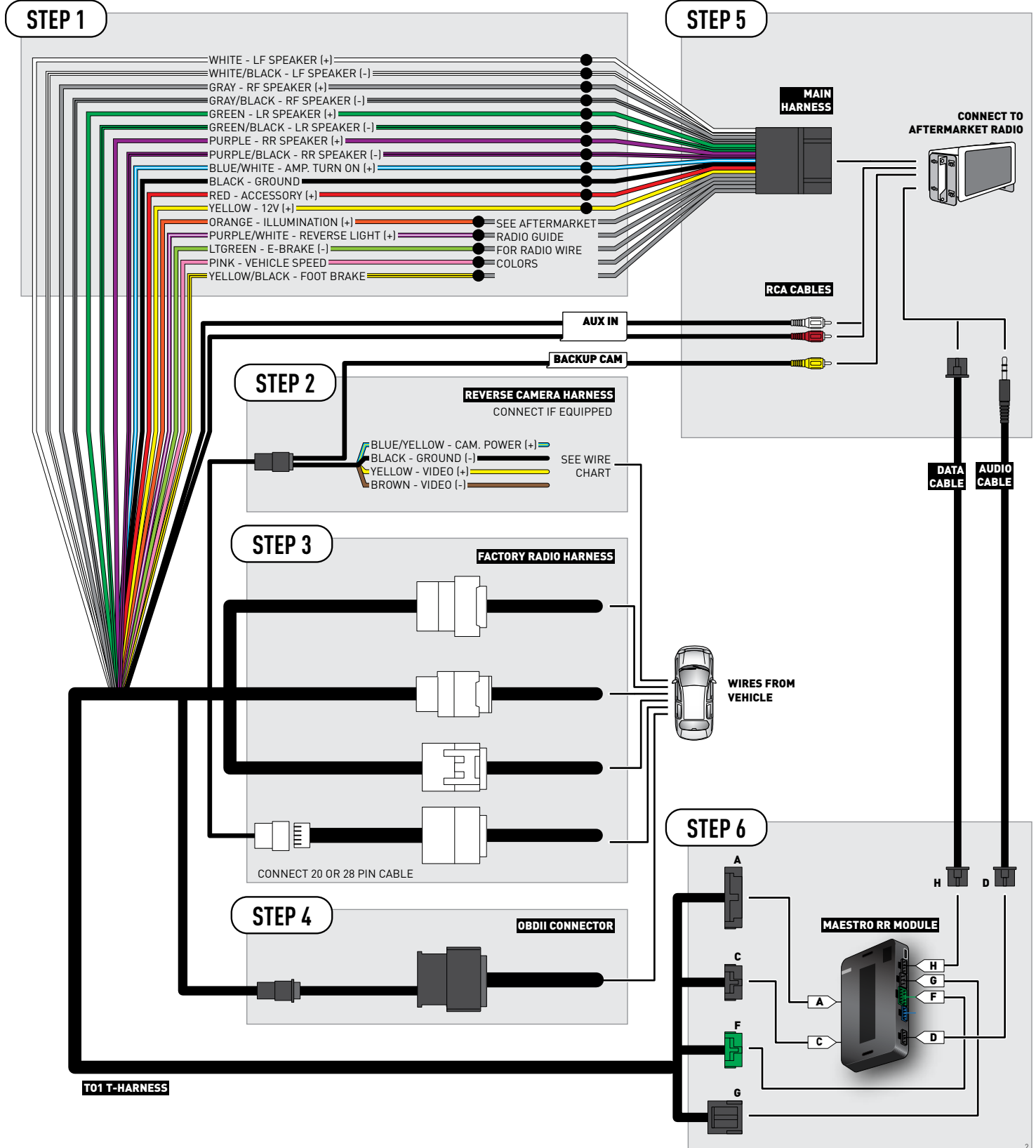
STEP 6

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

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 *without an Amplifier*



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

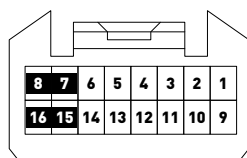
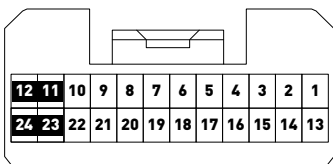
VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	24 pin	11	Black	(+)	Reverse camera harness
Ground	~	~	24 pin	23	Shield	(-)	Reverse camera harness
Video +	~	~	24 pin	12	Red	(+)	Reverse camera harness
Video -	~	~	24 pin	24	White	(-)	Reverse camera harness

OR

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Wire Location
Camera Power	~	~	16 pin	07	Black	(+)	Reverse camera harness
Ground	~	~	16 pin	15	Shield	(-)	Reverse camera harness
Video +	~	~	16 pin	08	Red	(+)	Reverse camera harness
Video -	~	~	16 pin	16	White	(-)	Reverse camera harness

REVERSE CAMERA CONNECTORS (WIRE SIDE)





INSTALL GUIDE TOYOTA YARIS 2007-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



Click here for:

[Radar Integration Installation Guide](#)

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

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware 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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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 T01 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 T01 T-harness to the backup camera harness (see wire chart for details).

STEP 3

- Identify if your vehicle has a 20 or 28 pin secondary connector. Assemble T01 T-harness as shown on wiring diagram. Connect the factory harness to the T01 T-harness.

STEP 4

- Plug the OBDII connector into the OBDII of the vehicle, under driver dash.

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 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.

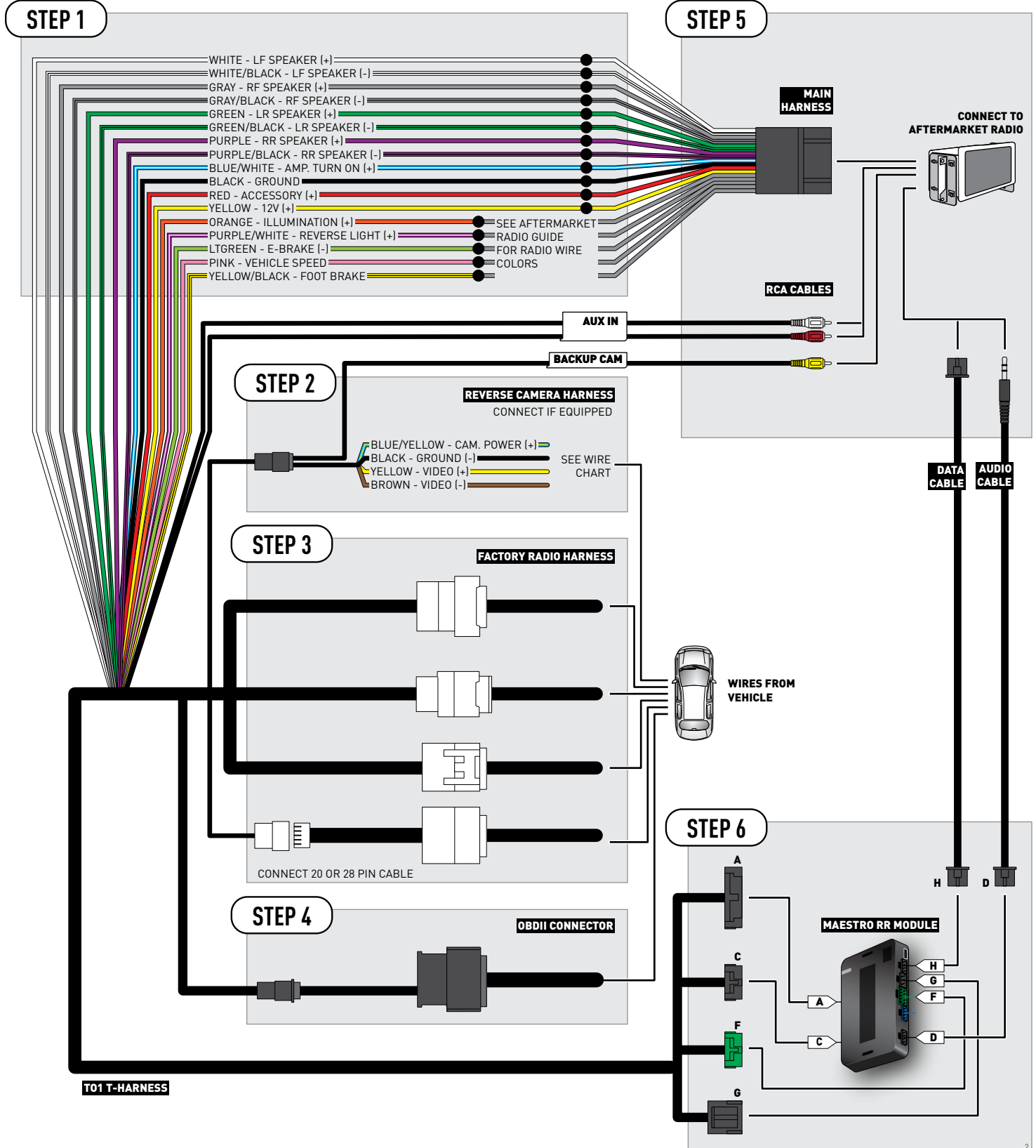
STEP 6

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

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 *without an Amplifier*



RADIO WIRE REFERENCE CHART

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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



INSTALL GUIDE TOYOTA YARIS 2012-2018

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro TO1 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-DS

OPTIONAL ACCESSORIES



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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).
- 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.

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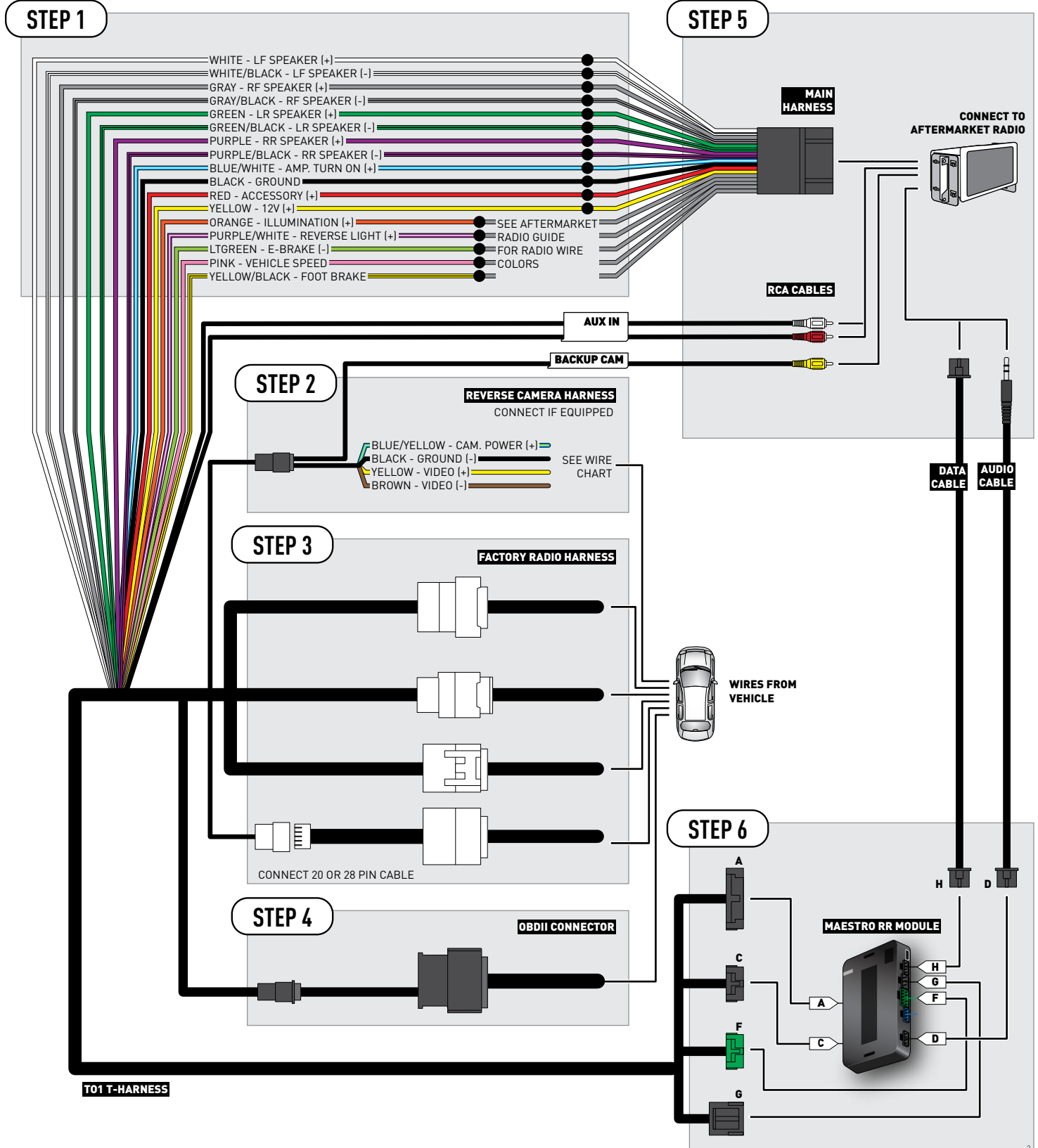
STEP 6

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TROUBLESHOOTING TIPS:

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WIRING DIAGRAM *without an Amplifier*



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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

VEHICLE WIRE REFERENCE CHART

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT