



## 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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).
- Plug the steering wheel control cable into the aftermarket radio.

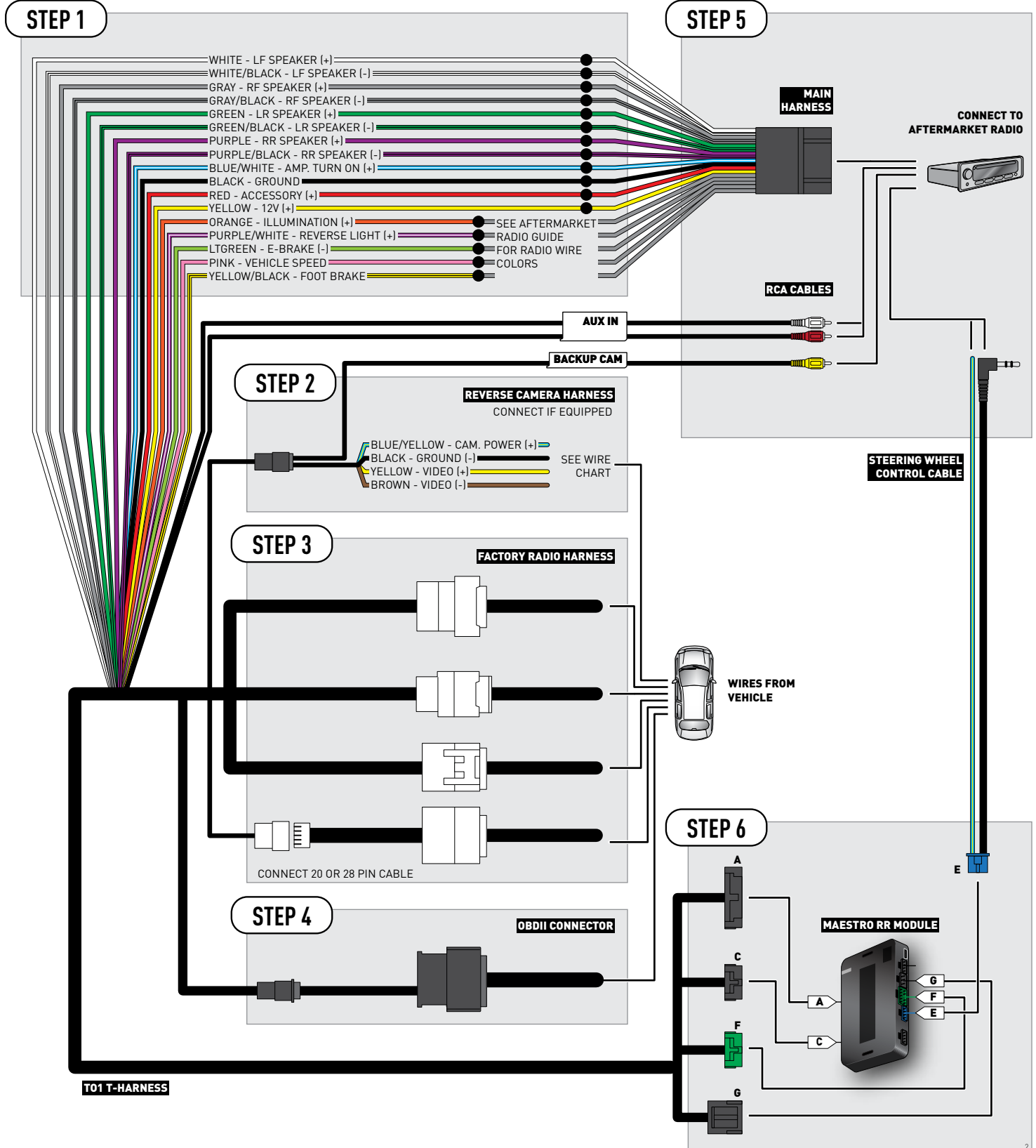
## STEP 6

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

## 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 *without an Amplifier*



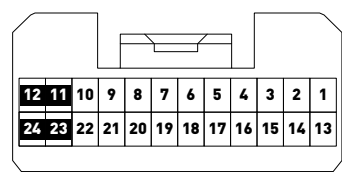
# RADIO WIRE REFERENCE CHART

| 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!



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## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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 steering wheel control cable into the aftermarket radio.

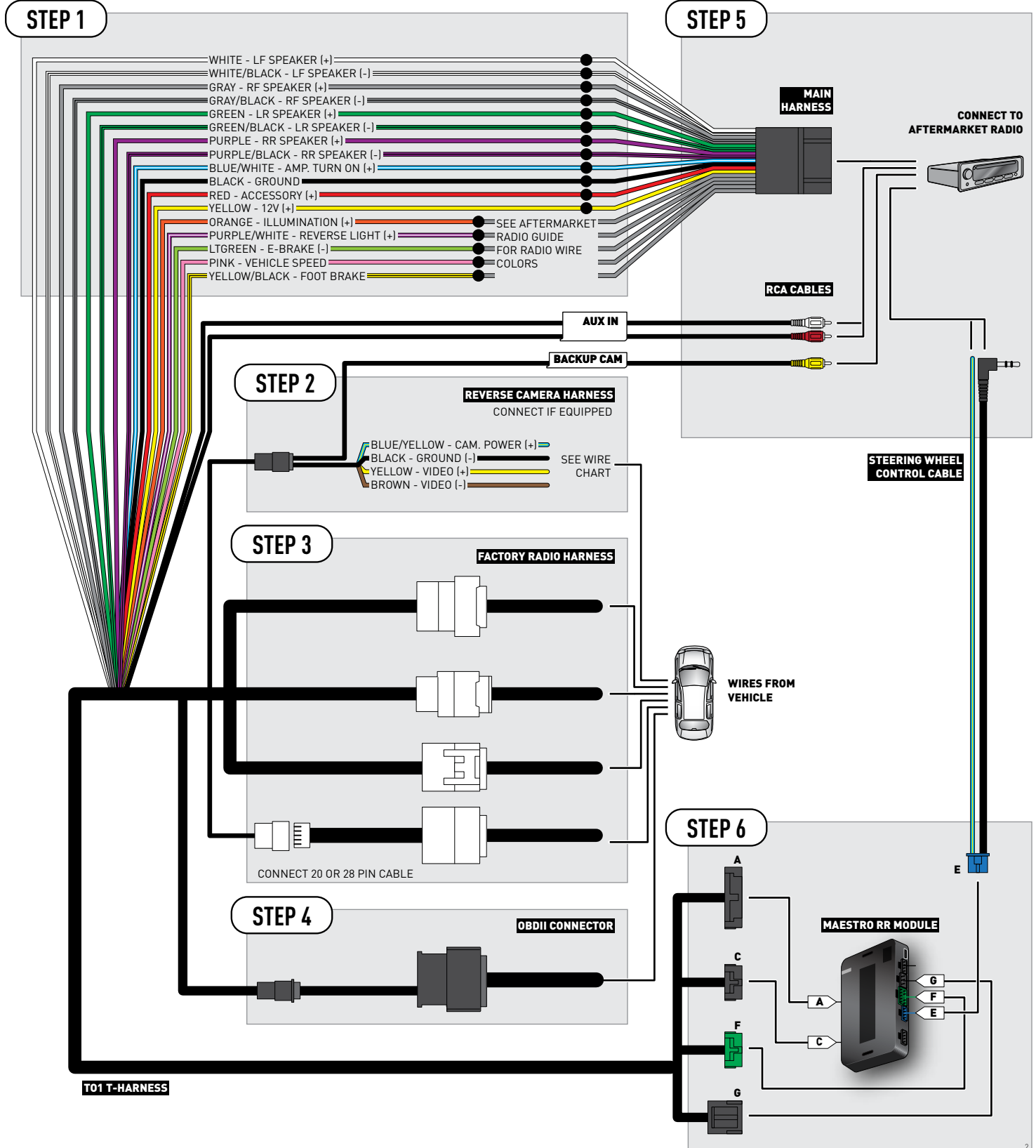
## STEP 6

- 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 SCION TC 2007-2016

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

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iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

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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 steering wheel control cable into the aftermarket radio.

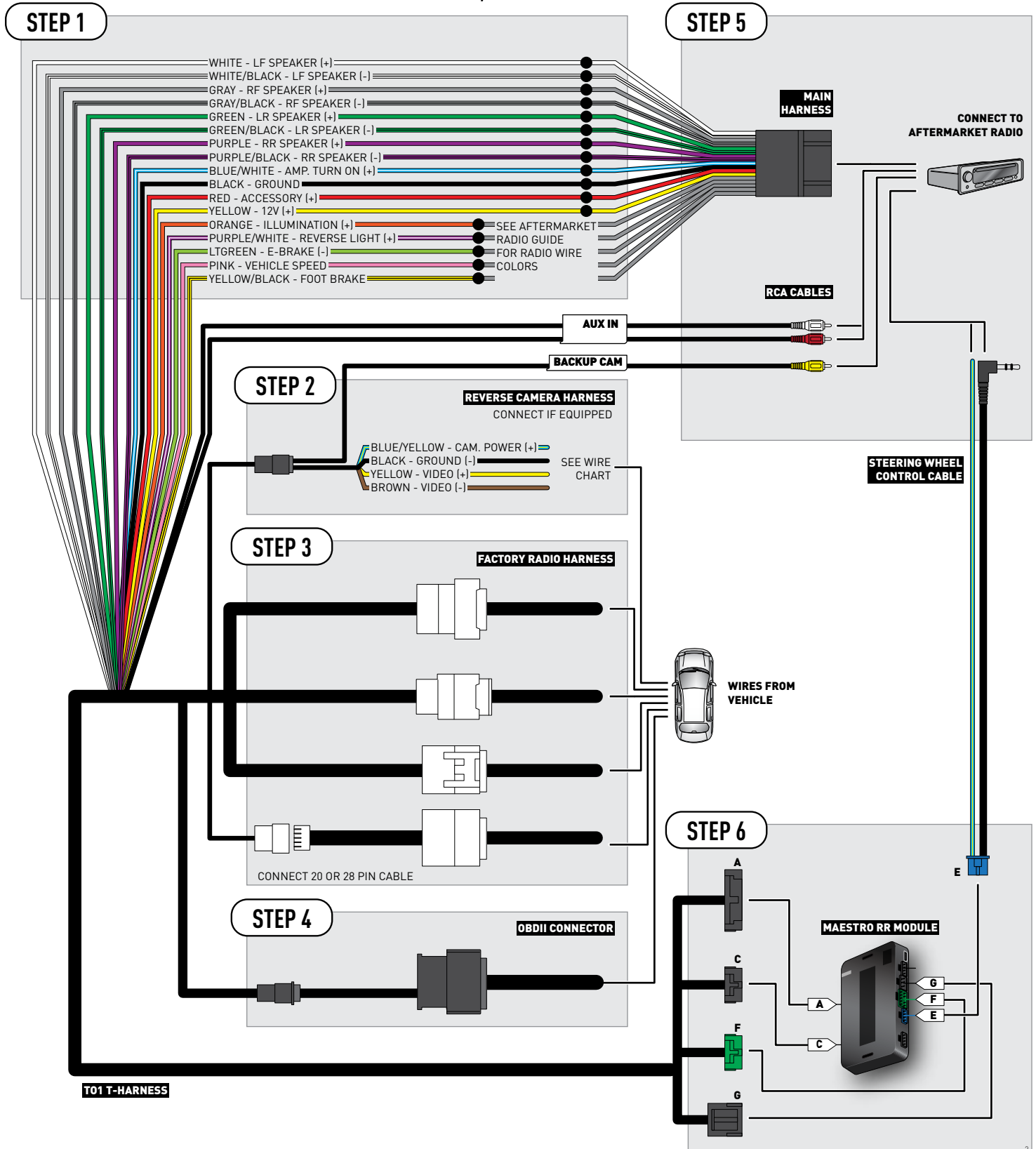
## STEP 6

- 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

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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.

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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

- 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 steering wheel control cable into the aftermarket radio.

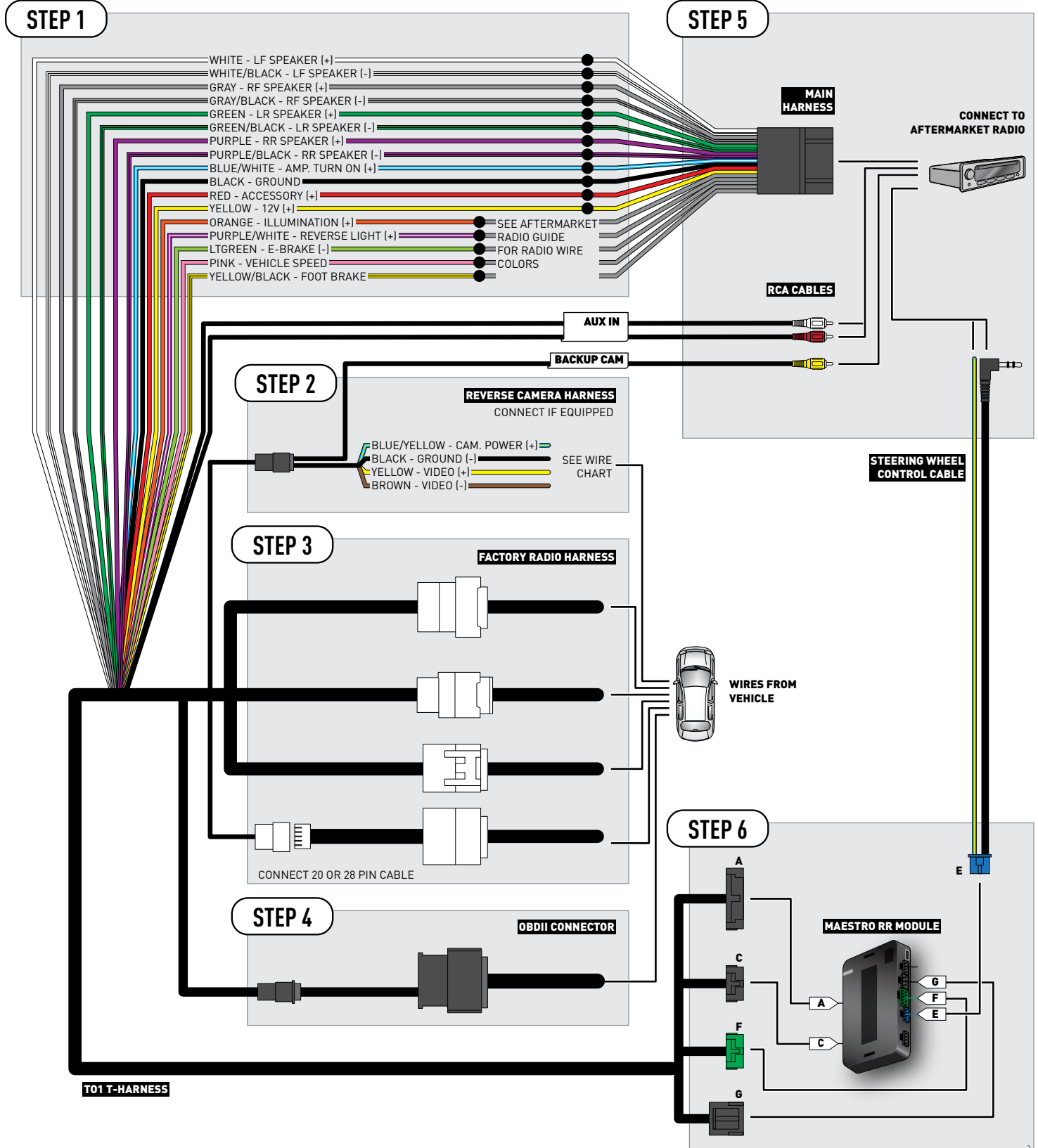
## STEP 6

- 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

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



# INSTALL GUIDE SCION XD 2008-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



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iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

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## 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 steering wheel control cable into the aftermarket radio.

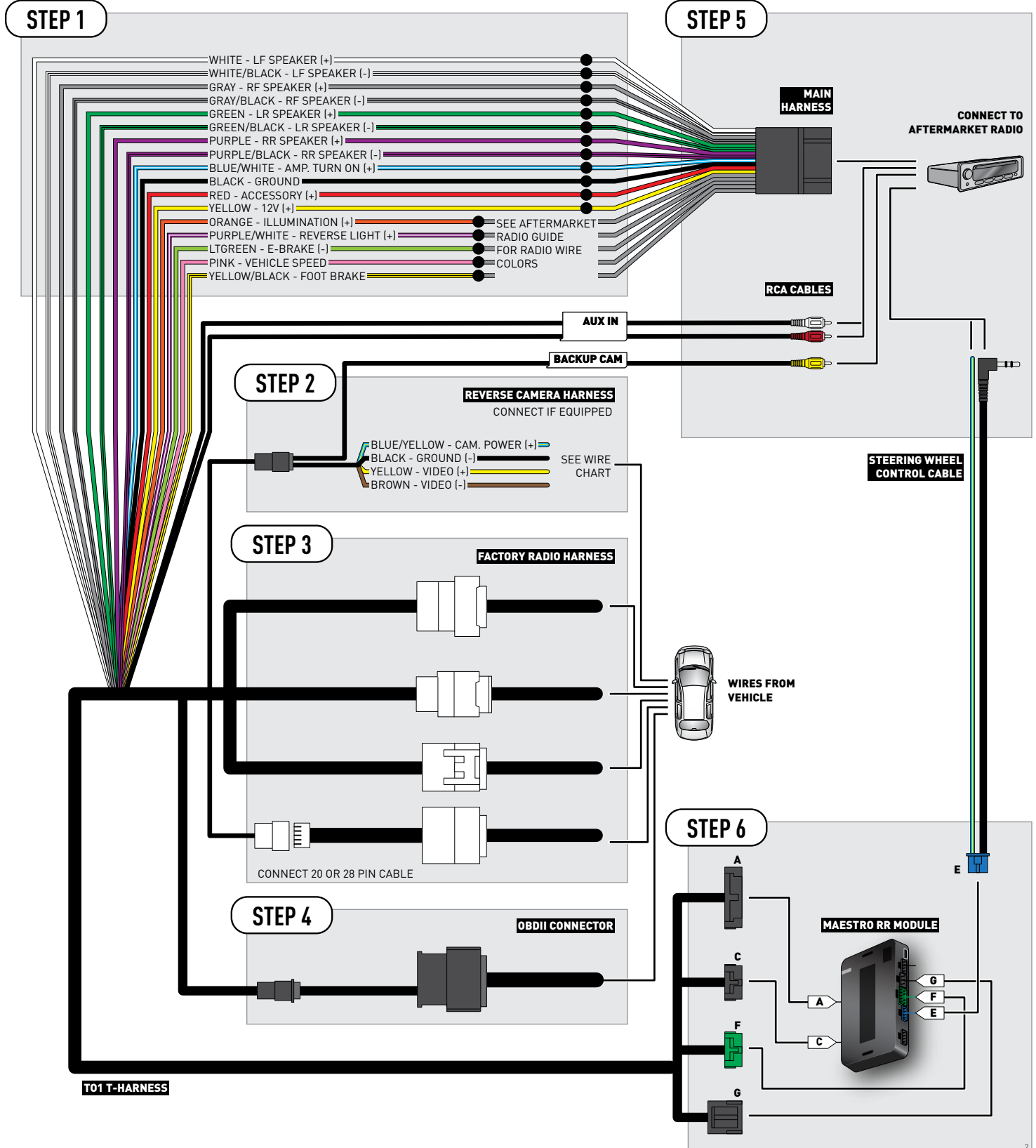
## STEP 6

- 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

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

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iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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# INSTALLATION INSTRUCTIONS

## STEP 1

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

## STEP 2

- If the vehicle is equipped with an OEM backup camera, connect the 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

- 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 steering wheel control cable into the aftermarket radio.

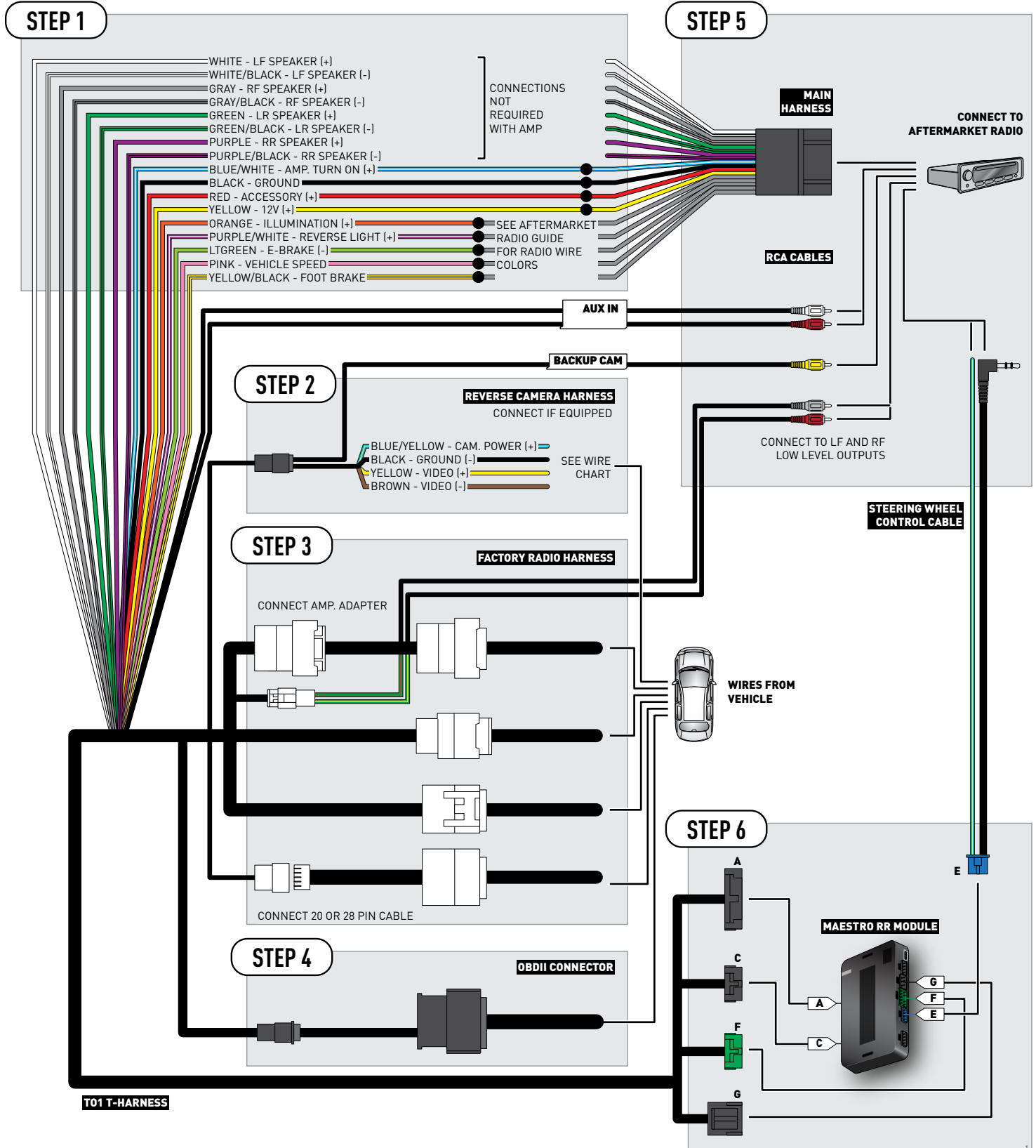
## STEP 6

- 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

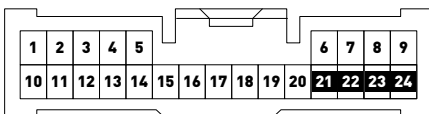
## 2006-2009

| 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          |
|------------------|----------------|-----------------|----------------|----------|------------|----------|------------------------|
| 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 |

## REVERSE CAMERA CONNECTOR (WIRE SIDE)





# INSTALL GUIDE TOYOTA 4 RUNNER 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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

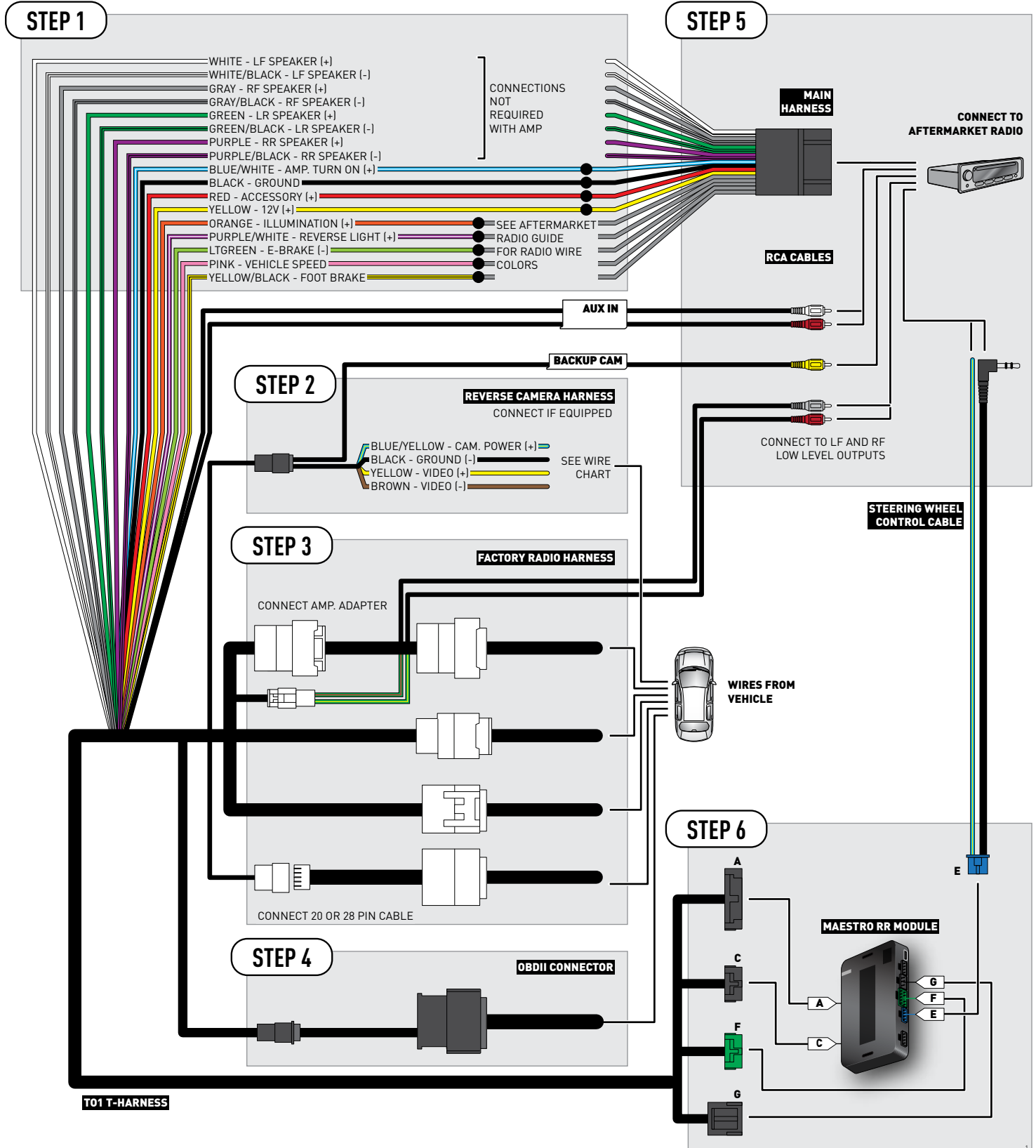
## STEP 6

- 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                        |

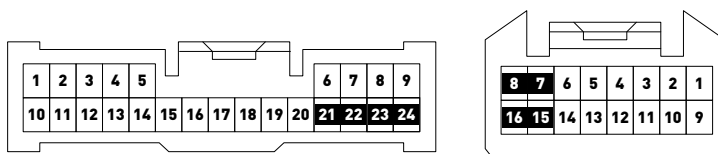
# VEHICLE WIRE REFERENCE CHART

| Wire Description | Connector Name | Connector Color | Connector Type | Position | Wire Color | Polarity | Wire Location          |
|------------------|----------------|-----------------|----------------|----------|------------|----------|------------------------|
| Camera Power     | ~              | ~               | 24 pin         | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

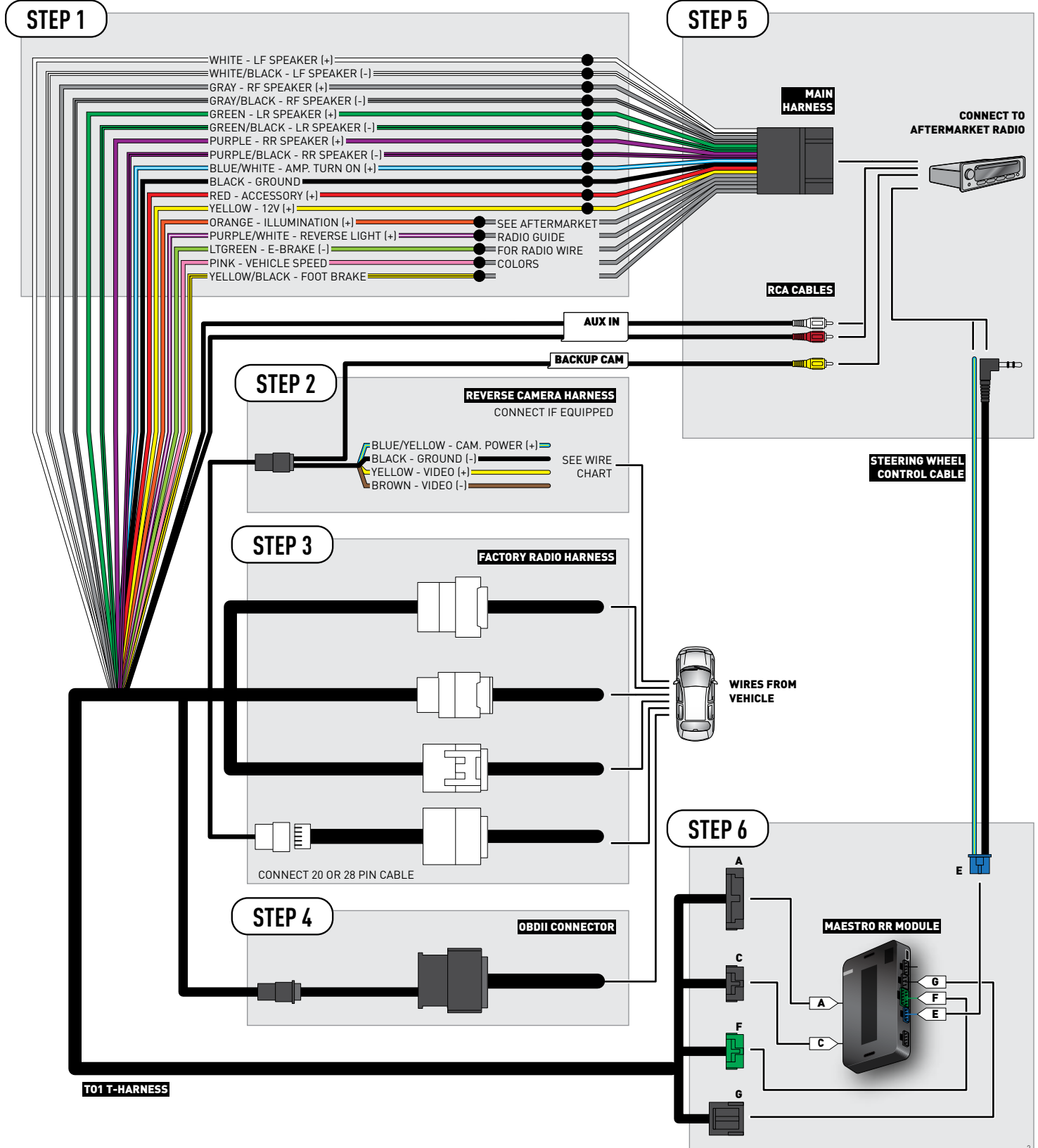
## STEP 6

- 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 4 RUNNER WITHOUT JBL 2012-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

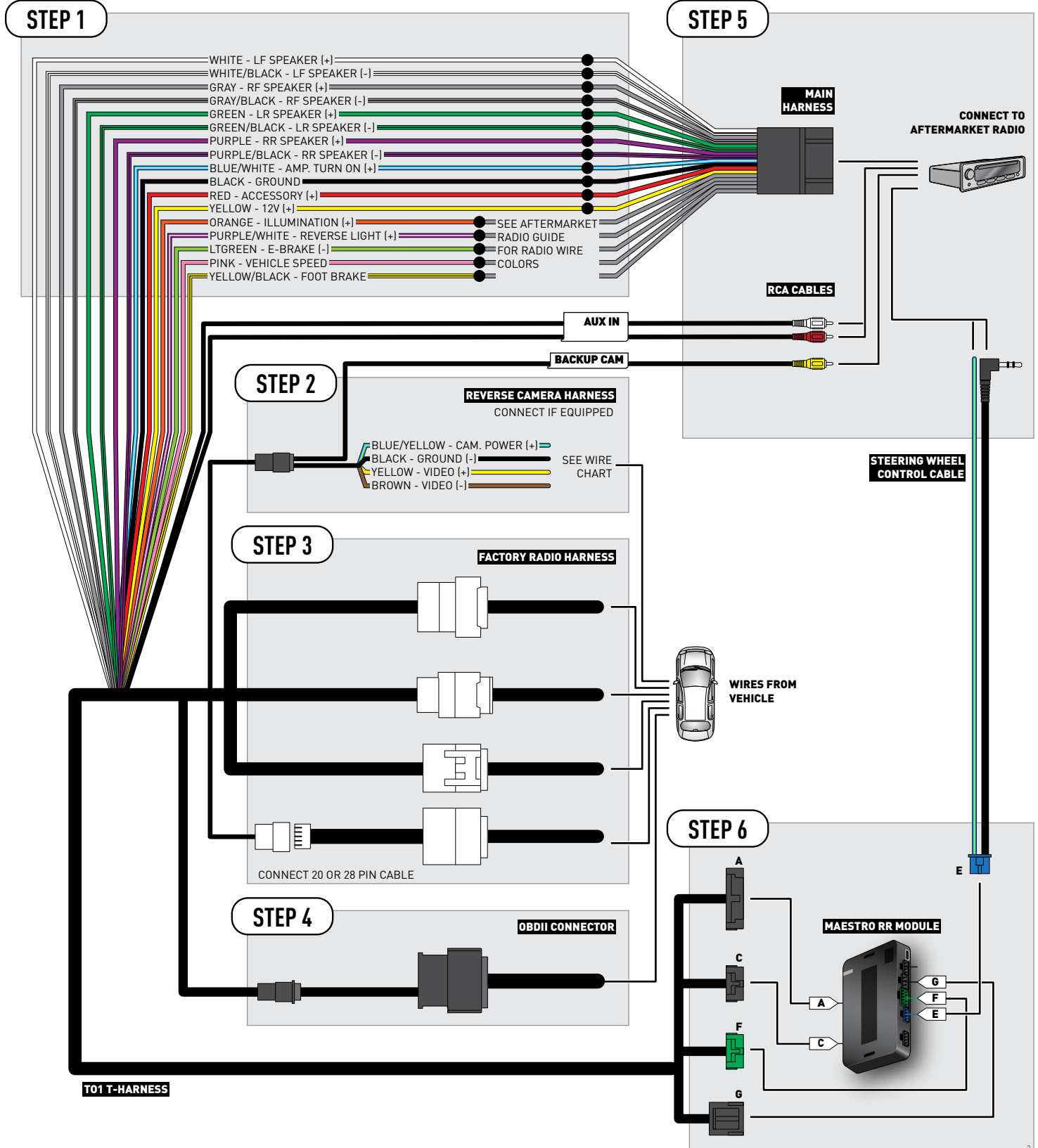
## STEP 6

- 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                        |

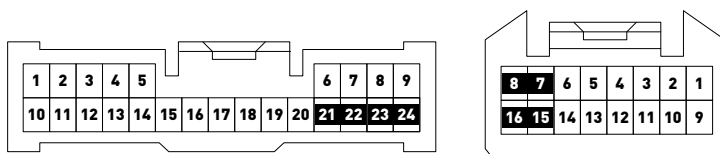
# VEHICLE WIRE REFERENCE CHART

| Wire Description | Connector Name | Connector Color | Connector Type | Position | Wire Color | Polarity | Wire Location          |
|------------------|----------------|-----------------|----------------|----------|------------|----------|------------------------|
| Camera Power     | ~              | ~               | 24 pin         | 24       | 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 AVALON WITH JBL 2011-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

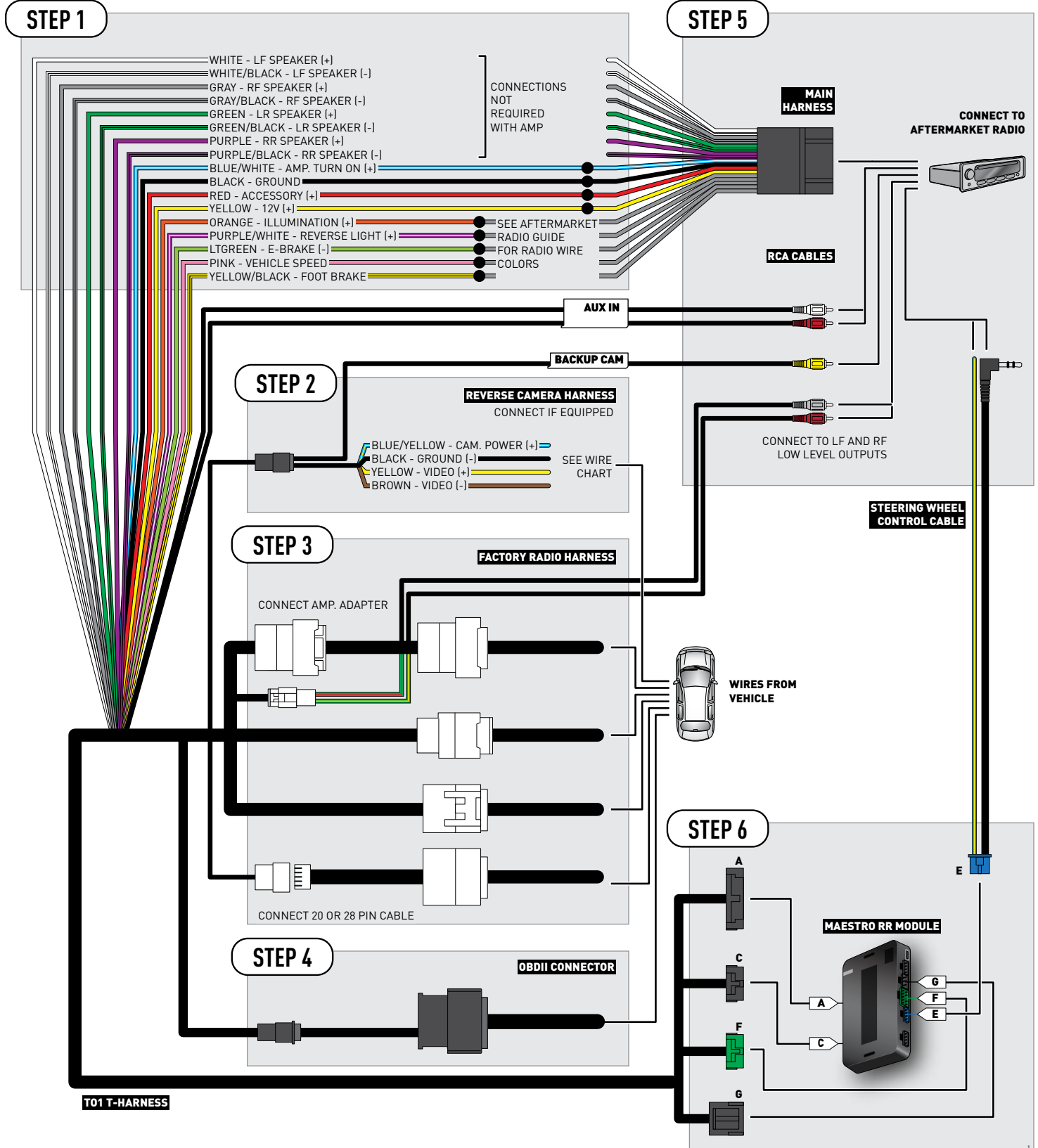
## STEP 6

- 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*



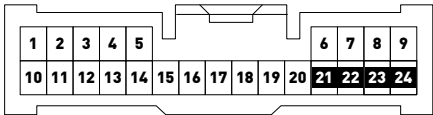
# RADIO WIRE REFERENCE CHART

| 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       | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

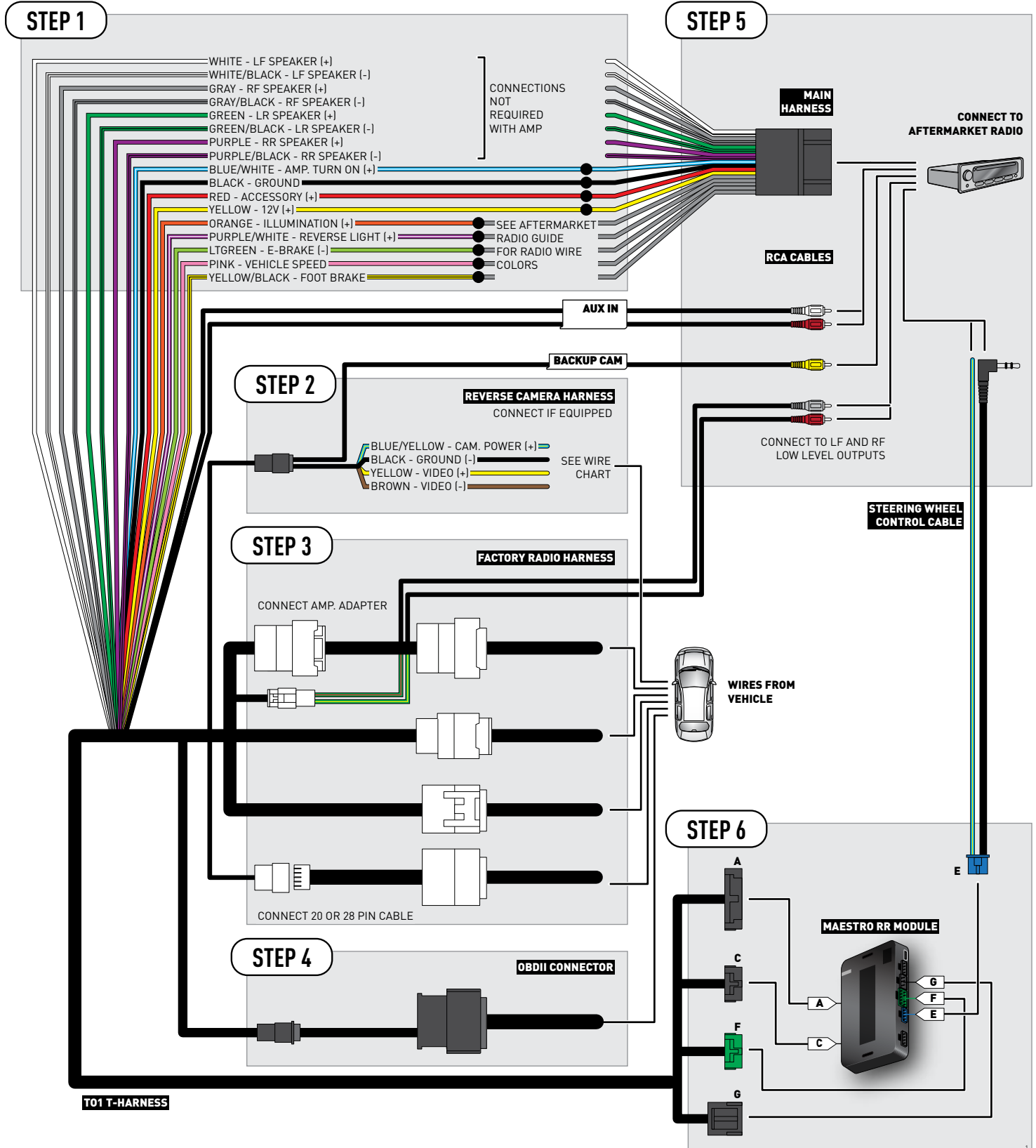
## STEP 6

- 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*



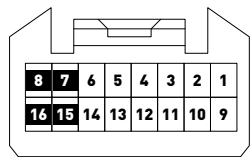
# RADIO WIRE REFERENCE CHART

| 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     | ~              | ~               | 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 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

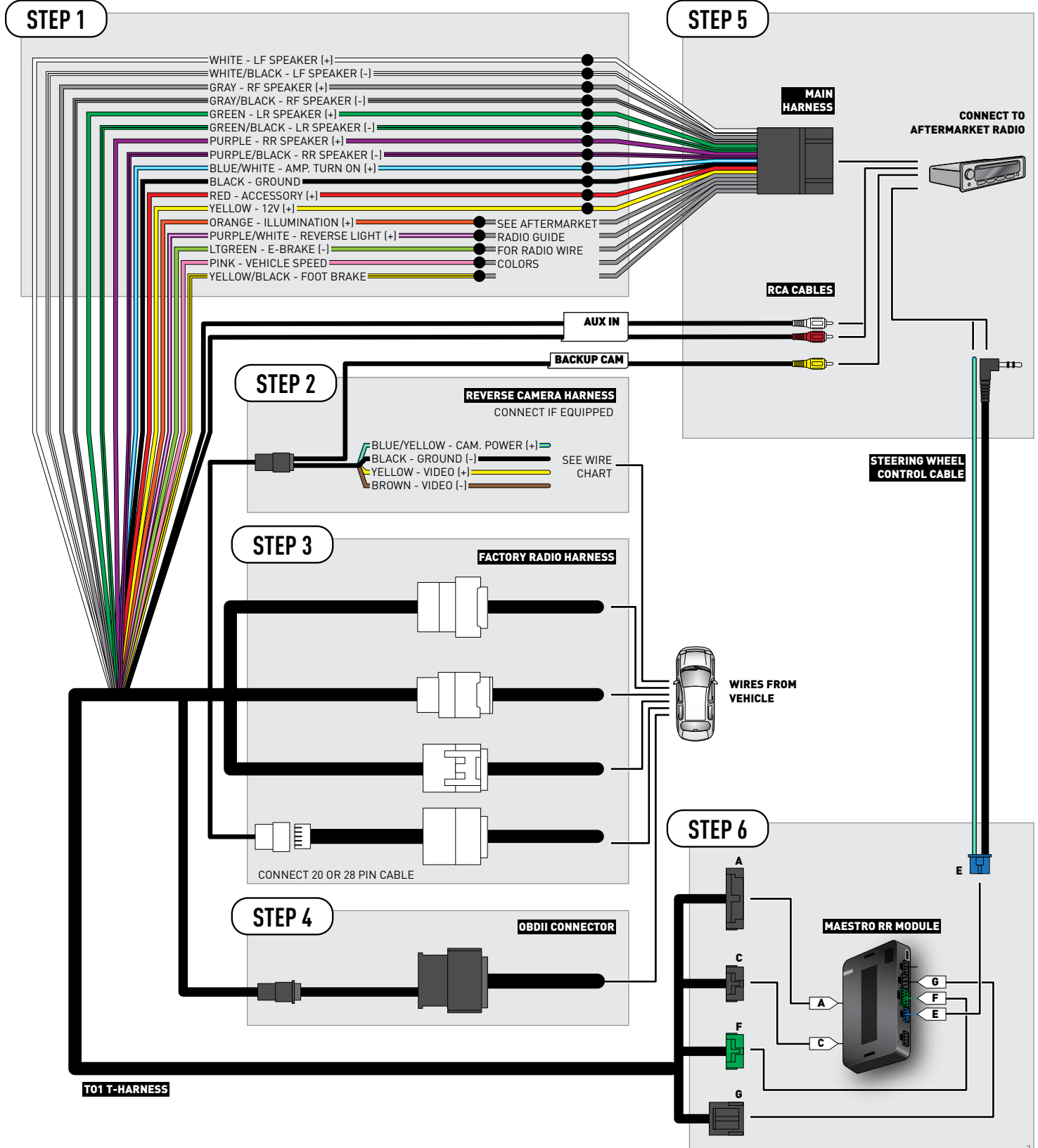
## STEP 6

- 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*



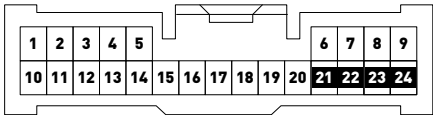
# RADIO WIRE REFERENCE CHART

| 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       | 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 WITHOUT JBL 2013-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

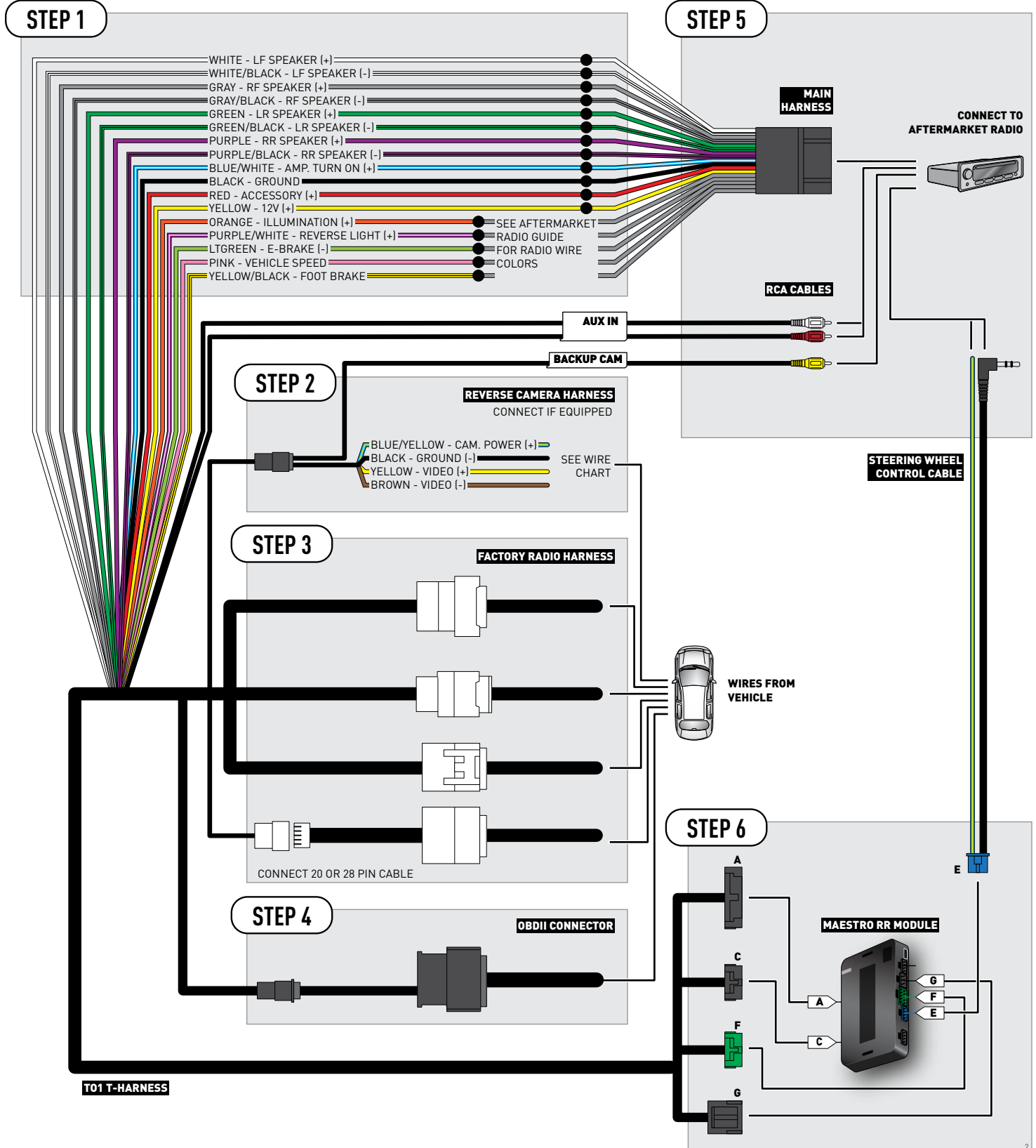
## STEP 6

- 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*



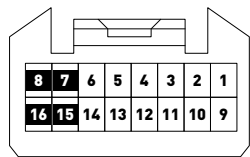
# RADIO WIRE REFERENCE CHART

| 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       | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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.

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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

- 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 steering wheel control cable into the aftermarket 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/"

**STEP 1**

WHITE - LF SPEAKER (+)  
 WHITE/BLACK - LF SPEAKER (-)  
 GRAY - RF SPEAKER (+)  
 GRAY/BLACK - RF SPEAKER (-)  
 GREEN - LR SPEAKER (+)  
 GREEN/BLACK - LR SPEAKER (-)  
 PURPLE - RR SPEAKER (+)  
 PURPLE/BLACK - RR SPEAKER (-)  
 BLUE/WHITE - AMP. TURN ON (+)  
 BLACK - GROUND  
 RED - ACCESSORY (+)  
 YELLOW - 12V (+)  
 ORANGE - ILLUMINATION (+)  
 PURPLE/WHITE - REVERSE LIGHT (+)  
 LTGREEN - E-BRAKE (-)  
 PINK - VEHICLE SPEED  
 YELLOW/BLACK - FOOT BRAKE

CONNECTIONS NOT REQUIRED WITH AMP

SEE AFTERMARKET RADIO GUIDE FOR RADIO WIRE COLORS

**STEP 2**

REVERSE CAMERA HARNESS  
 CONNECT IF EQUIPPED

BLUE/YELLOW - CAM. POWER (+)  
 BLACK - GROUND (-)  
 YELLOW - VIDEO (+)  
 BROWN - VIDEO (-)

SEE WIRE CHART

**STEP 3**

FACTORY RADIO HARNESS

CONNECT AMP. ADAPTER

CONNECT 20 OR 28 PIN CABLE

**STEP 4**

OBDII CONNECTOR

**STEP 5**

MAIN HARNESS

RCA CABLES

CONNECT TO AFTERMARKET RADIO

CONNECT TO LF AND RF LOW LEVEL OUTPUTS

STEERING WHEEL CONTROL CABLE

**STEP 6**

MAESTRO RR MODULE

WIRES FROM VEHICLE

T01 T-HARNESS

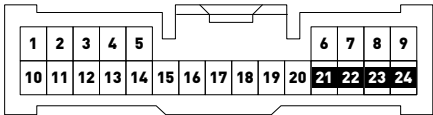
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| E-Brake                    | (-)      | Lt Green                        | Yellow/Blue                | Lt Green                    | Lt Green                    |
| Foot Brake                 | (+)      | Yellow/Black                    | Yellow/Black               | 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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| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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.
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- Remove the factory radio.

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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.

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

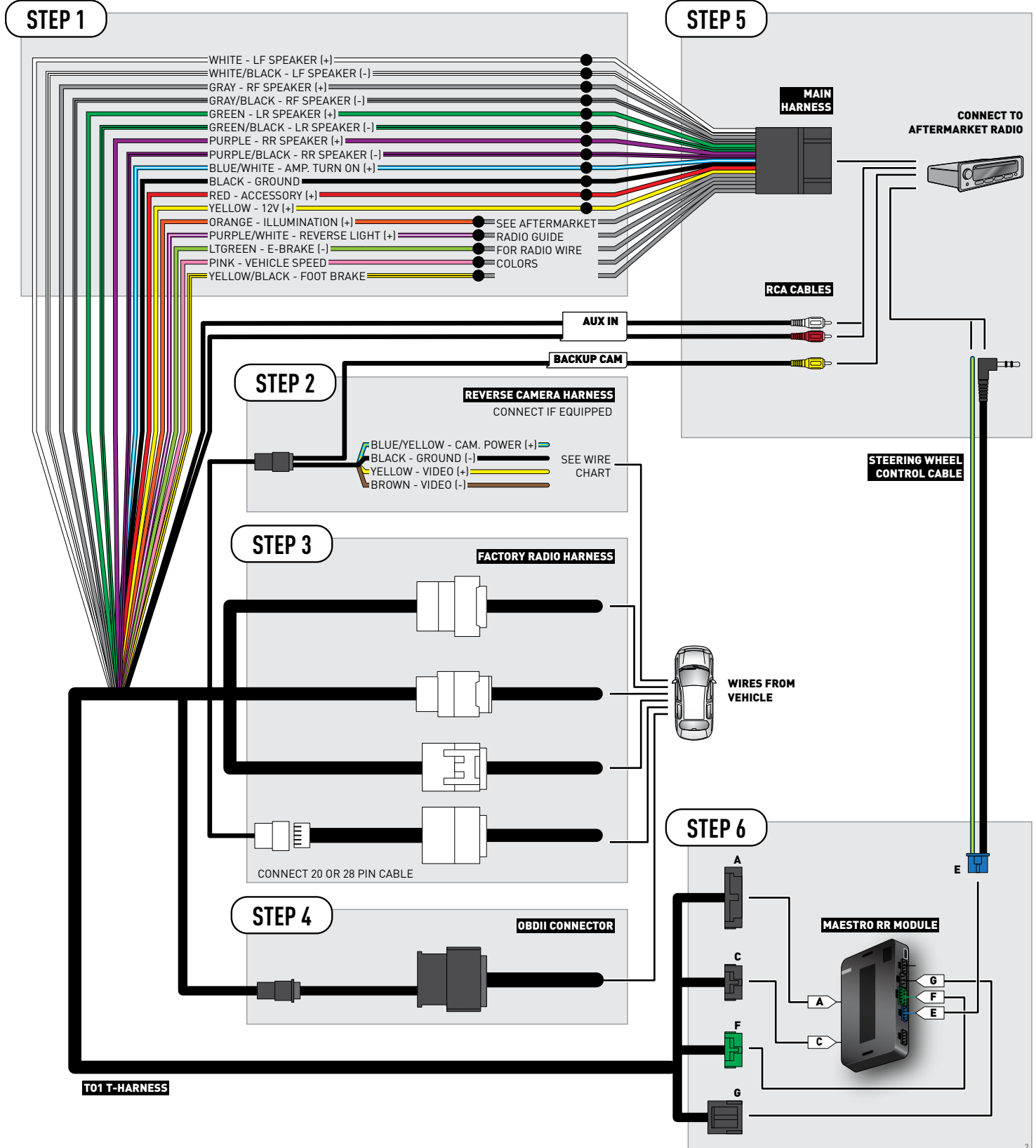
## STEP 6

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

## 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*



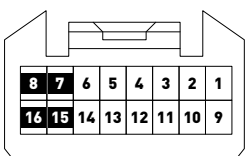
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|----------------------------|----------|---------------------------------|----------------------------|-----------------------------|-----------------------------|
| Illumination               | (+)      | Orange                          | N/A                        | 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 WITHOUT JBL 2007-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

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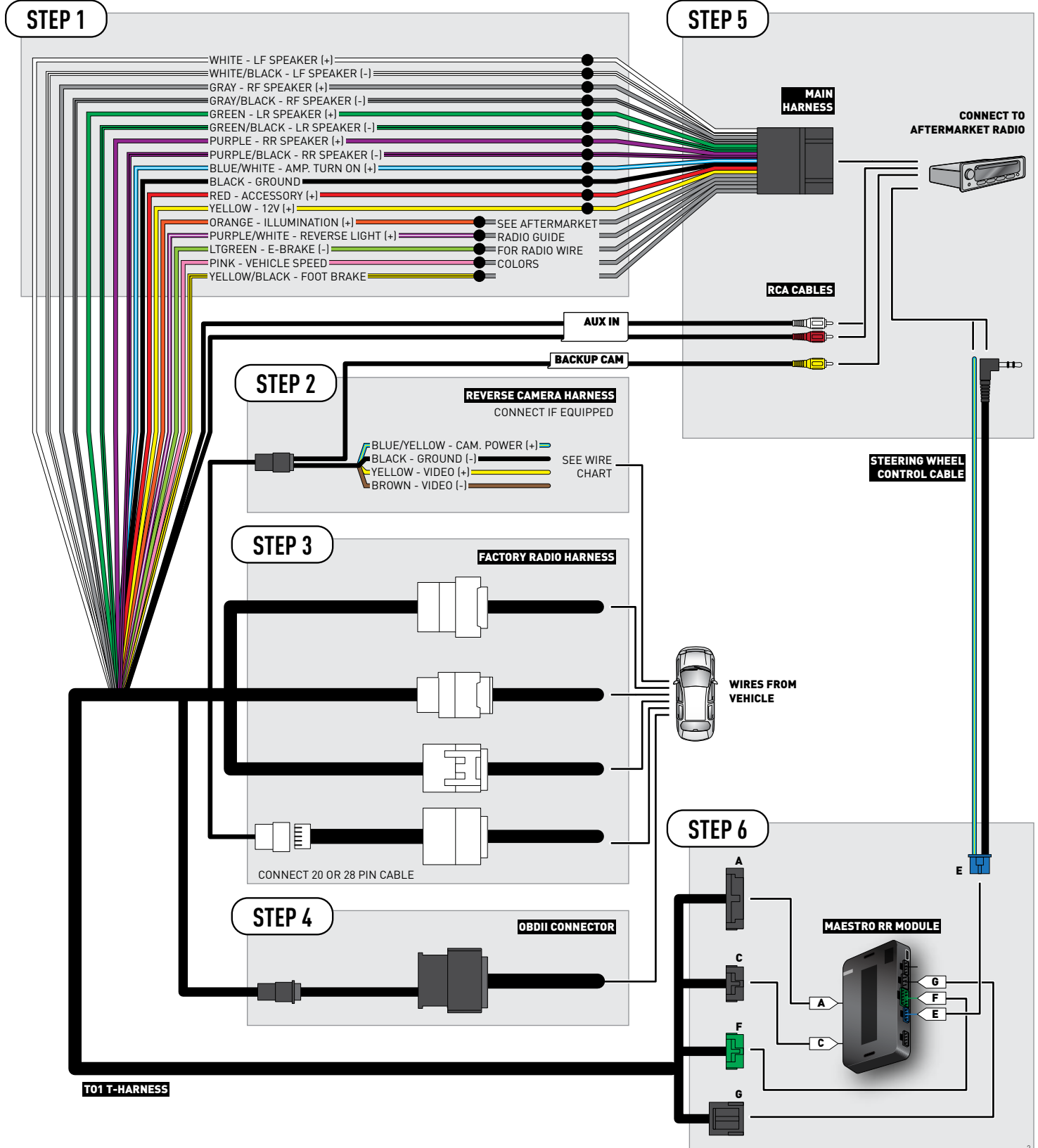
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- Connect all the harnesses to the Maestro RR module then test your installation.

## 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*



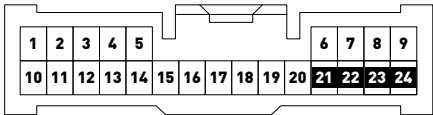
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| VSS (vehicle speed sensor) | (DATA)   | Pink                            | Green/White                | N/A                         | Pink                        |

# VEHICLE WIRE REFERENCE CHART

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| 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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

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## 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 steering wheel control cable into the aftermarket 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/"

**STEP 1**

- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP. TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- PINK - VEHICLE SPEED
- YELLOW/BLACK - FOOT BRAKE

SEE AFTERMARKET RADIO GUIDE FOR RADIO WIRE COLORS

**STEP 2**

**REVERSE CAMERA HARNESS**  
CONNECT IF EQUIPPED

- BLUE/YELLOW - CAM. POWER (+)
- BLACK - GROUND (-)
- YELLOW - VIDEO (+)
- BROWN - VIDEO (-)

SEE WIRE CHART

**STEP 3**

**FACTORY RADIO HARNESS**

CONNECT 20 OR 28 PIN CABLE

**STEP 4**

**OBDII CONNECTOR**

**STEP 5**

**MAIN HARNESS**

**RCA CABLES**

**CONNECT TO AFTERMARKET RADIO**

**STEERING WHEEL CONTROL CABLE**

**WIRES FROM VEHICLE**

**STEP 6**

**MAESTRO RR MODULE**

**T01 T-HARNESS**

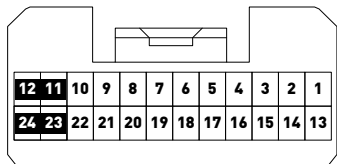
# RADIO WIRE REFERENCE CHART

| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)**

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| Vehicle Wire Reference Chart | <b>6</b> |

# 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 steering wheel control cable into the aftermarket radio.

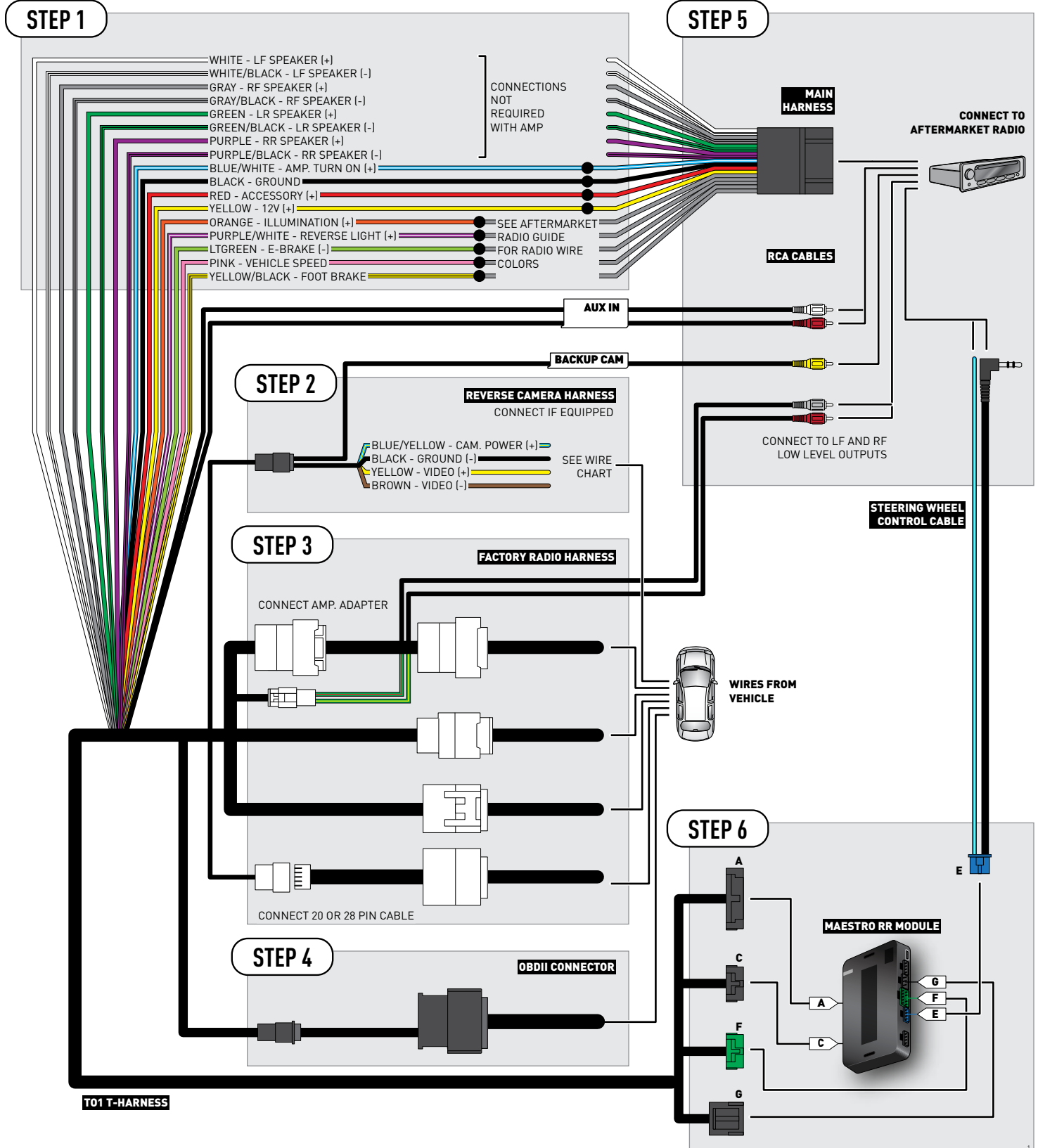
## STEP 6

- 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

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

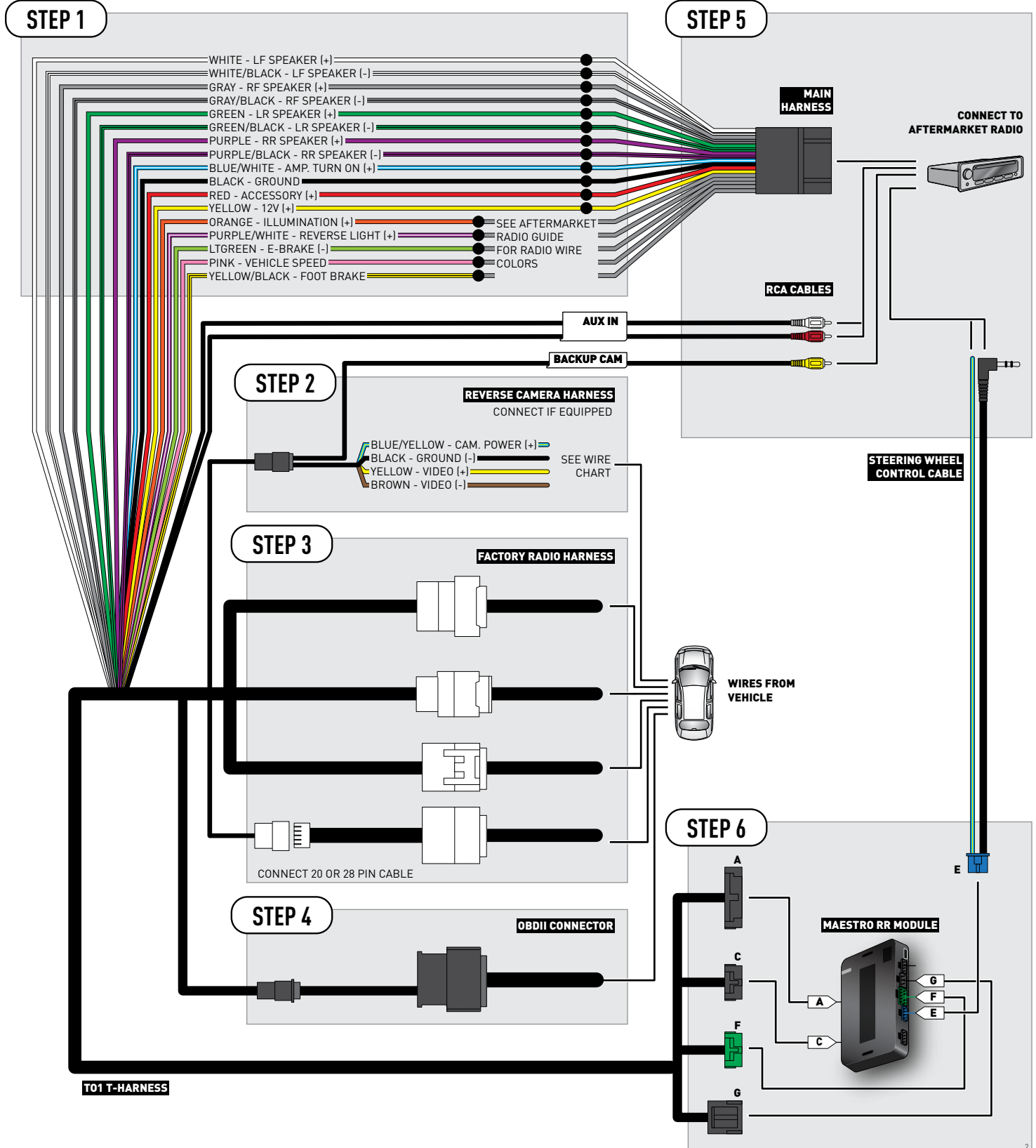
## STEP 6

- 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

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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 steering wheel control cable into the aftermarket radio.

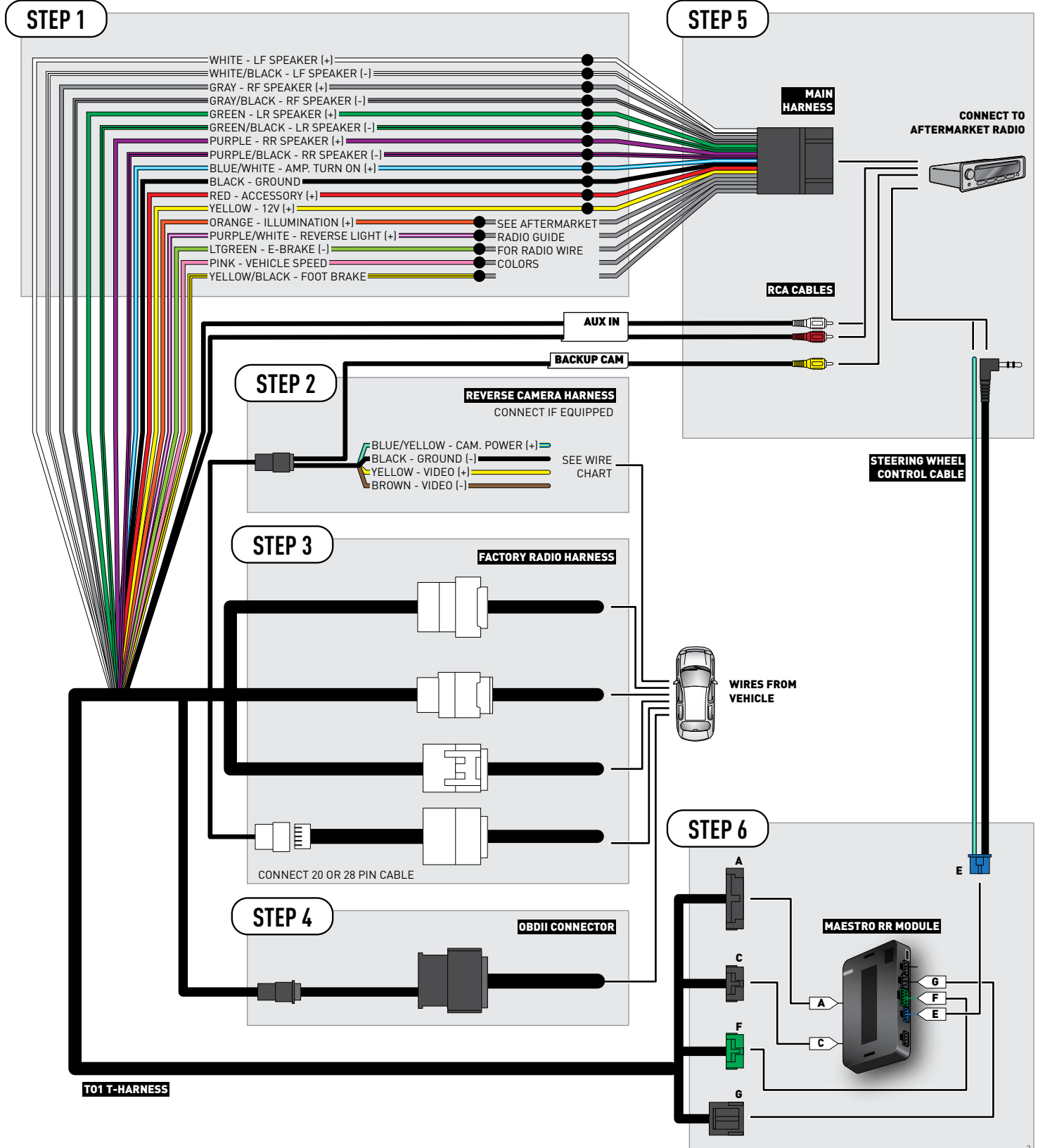
## STEP 6

- 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

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



# 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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket 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/"

**STEP 1**

WHITE - LF SPEAKER (+)  
 WHITE/BLACK - LF SPEAKER (-)  
 GRAY - RF SPEAKER (+)  
 GRAY/BLACK - RF SPEAKER (-)  
 GREEN - LR SPEAKER (+)  
 GREEN/BLACK - LR SPEAKER (-)  
 PURPLE - RR SPEAKER (+)  
 PURPLE/BLACK - RR SPEAKER (-)  
 BLUE/WHITE - AMP. TURN ON (+)  
 BLACK - GROUND  
 RED - ACCESSORY (+)  
 YELLOW - 12V (+)  
 ORANGE - ILLUMINATION (+)  
 PURPLE/WHITE - REVERSE LIGHT (+)  
 LTGREEN - E-BRAKE (-)  
 PINK - VEHICLE SPEED  
 YELLOW/BLACK - FOOT BRAKE

CONNECTIONS NOT REQUIRED WITH AMP

SEE AFTERMARKET RADIO GUIDE FOR RADIO WIRE COLORS

**STEP 2**

BLUE/YELLOW - CAM. POWER (+)  
 BLACK - GROUND (-)  
 YELLOW - VIDEO (+)  
 BROWN - VIDEO (-)

SEE WIRE CHART

**STEP 3**

CONNECT AMP. ADAPTER

CONNECT 20 OR 28 PIN CABLE

**STEP 4**

OBDII CONNECTOR

**STEP 5**

MAIN HARNESS

RCA CABLES

CONNECT TO AFTERMARKET RADIO

AUX IN

BACKUP CAM

CONNECT TO LF AND RF LOW LEVEL OUTPUTS

STEERING WHEEL CONTROL CABLE

**STEP 6**

MAESTRO RR MODULE

WIRES FROM VEHICLE

T01 T-HARNESS

# 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 FJ CRUISER WITHOUT JBL 2006-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

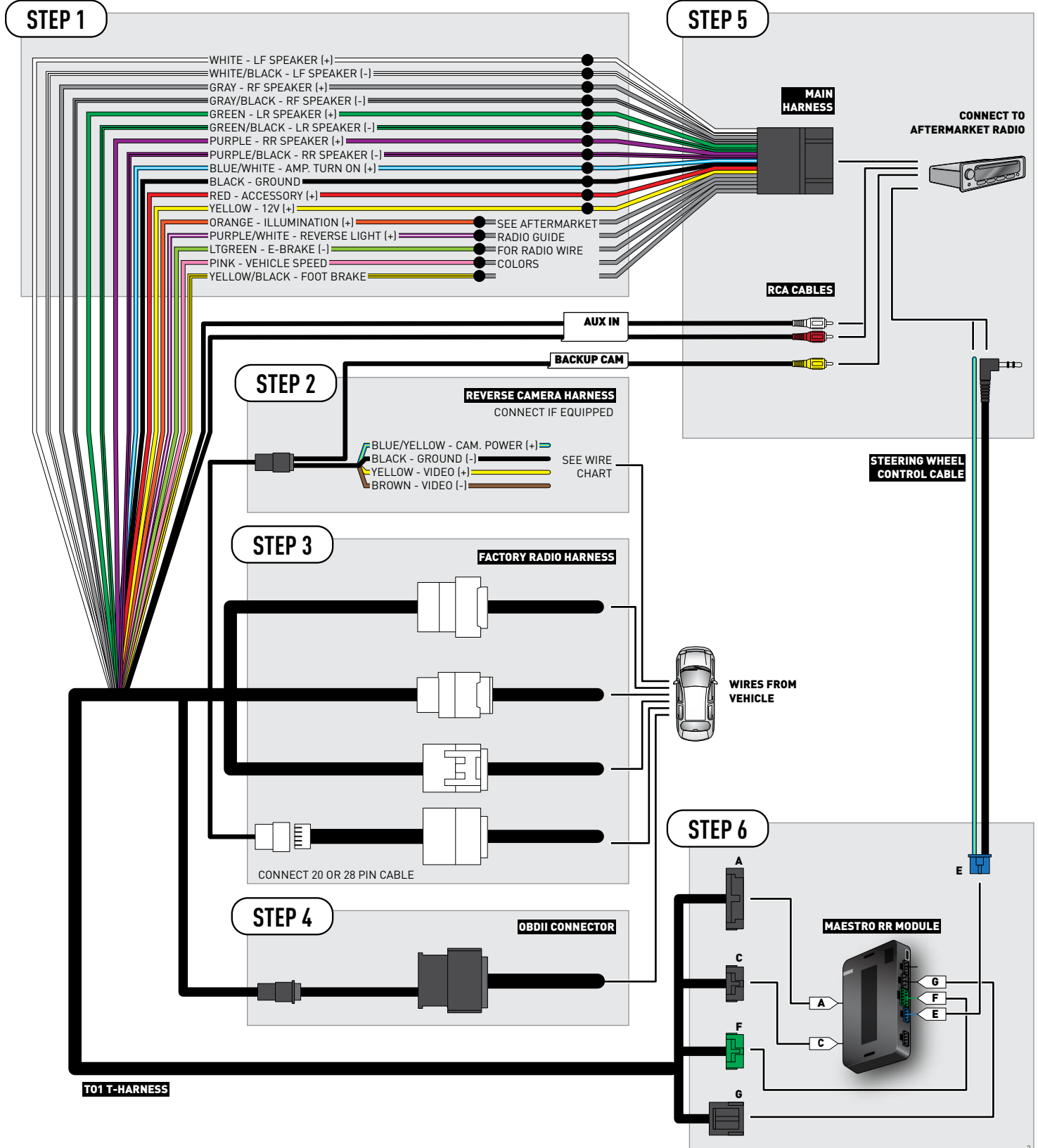
## STEP 6

- 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

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



# INSTALL GUIDE TOYOTA HIGHLANDER WITH JBL 2008-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

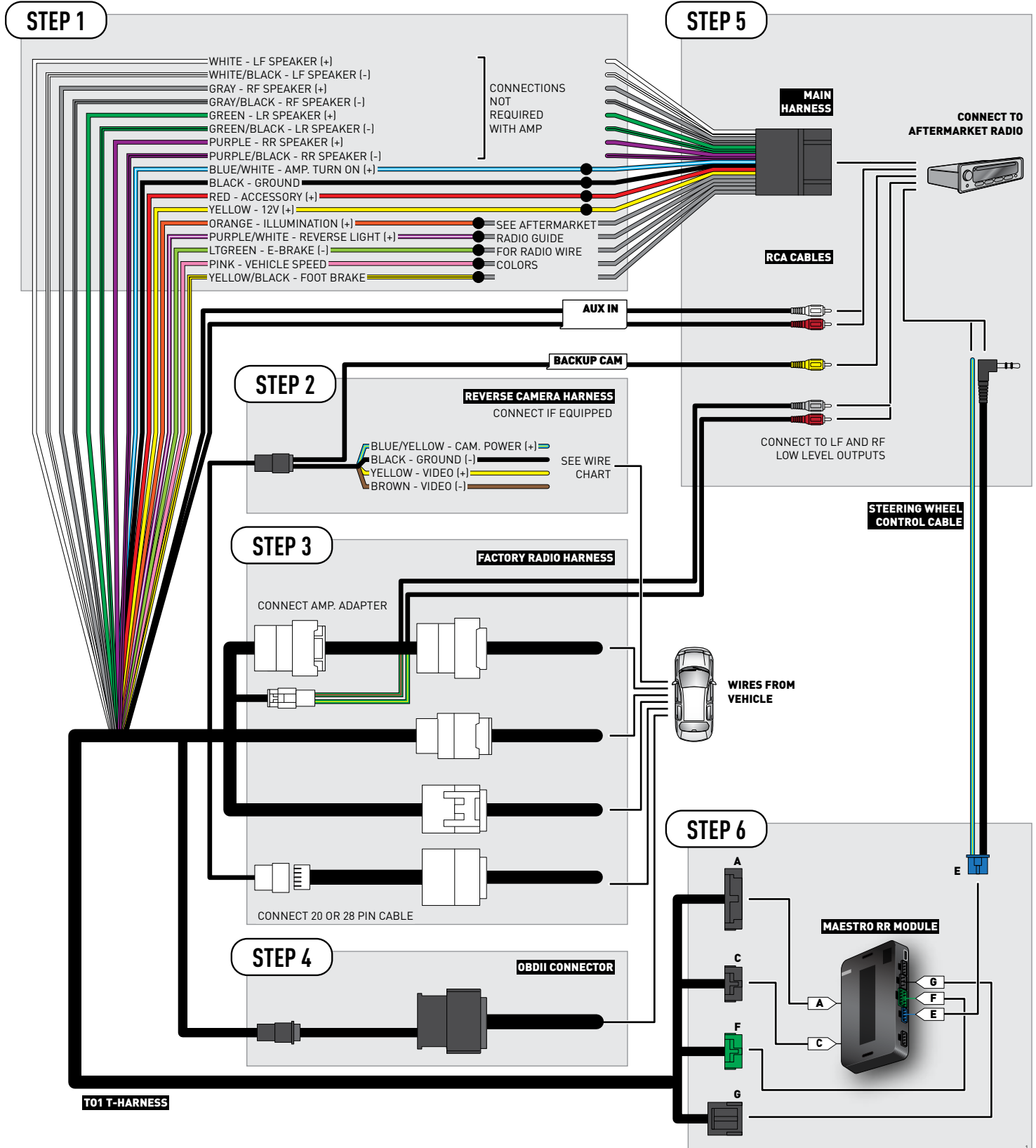
## STEP 6

- 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                        |

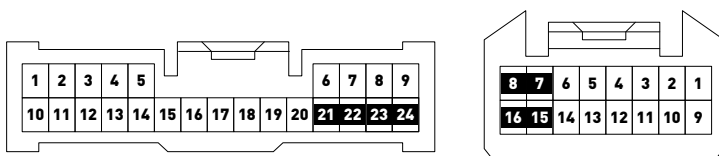
# VEHICLE WIRE REFERENCE CHART

| Wire Description | Connector Name | Connector Color | Connector Type | Position | Wire Color | Polarity | Wire Location          |
|------------------|----------------|-----------------|----------------|----------|------------|----------|------------------------|
| Camera Power     | ~              | ~               | 24 pin         | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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.**

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[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

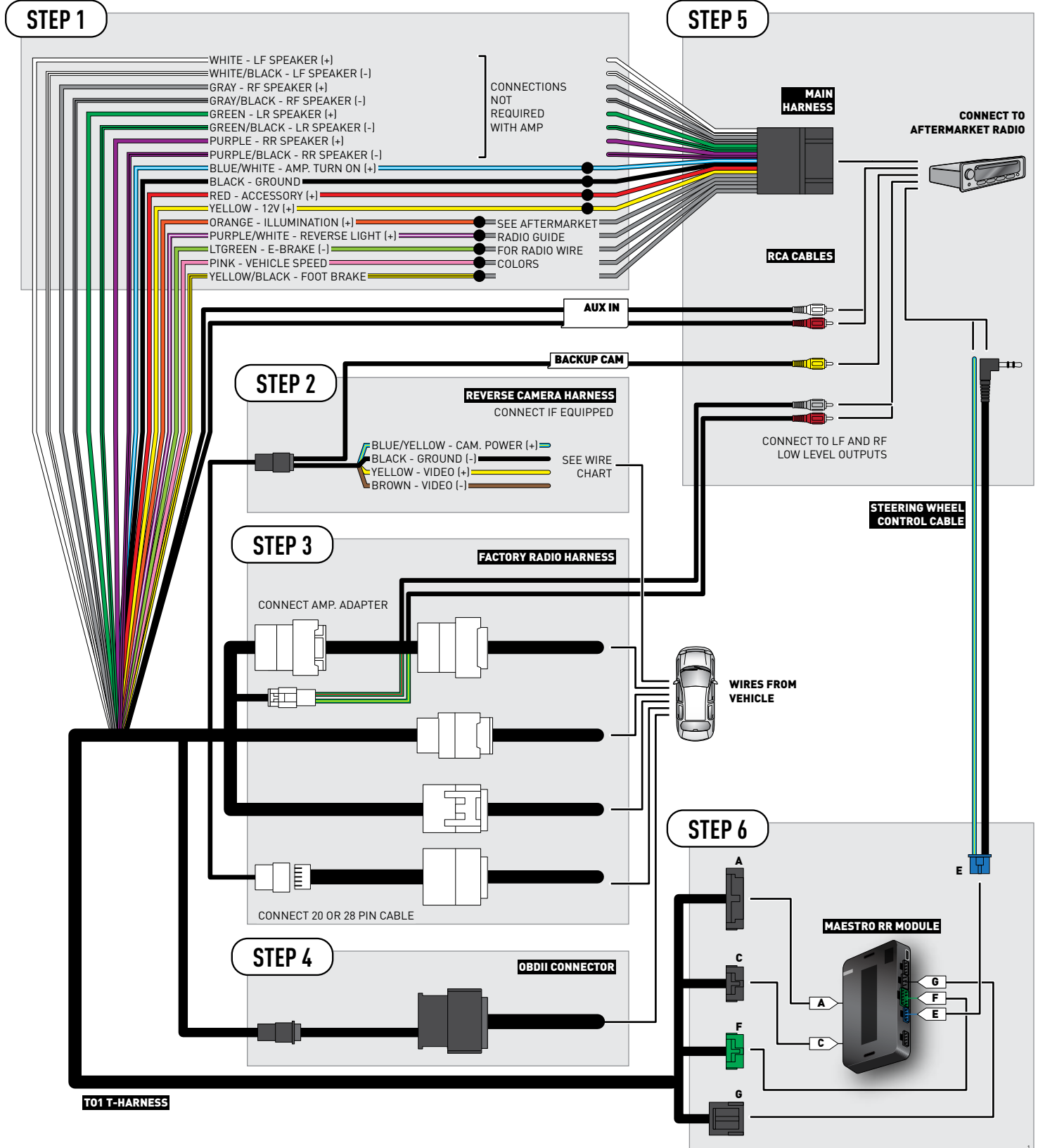
## STEP 6

- 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                        |

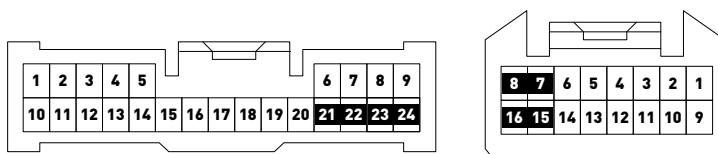
# VEHICLE WIRE REFERENCE CHART

| 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       | 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 WITHOUT JBL 2008-2012

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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.**

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# NEED HELP?

 **1 866 427-2999**

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 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

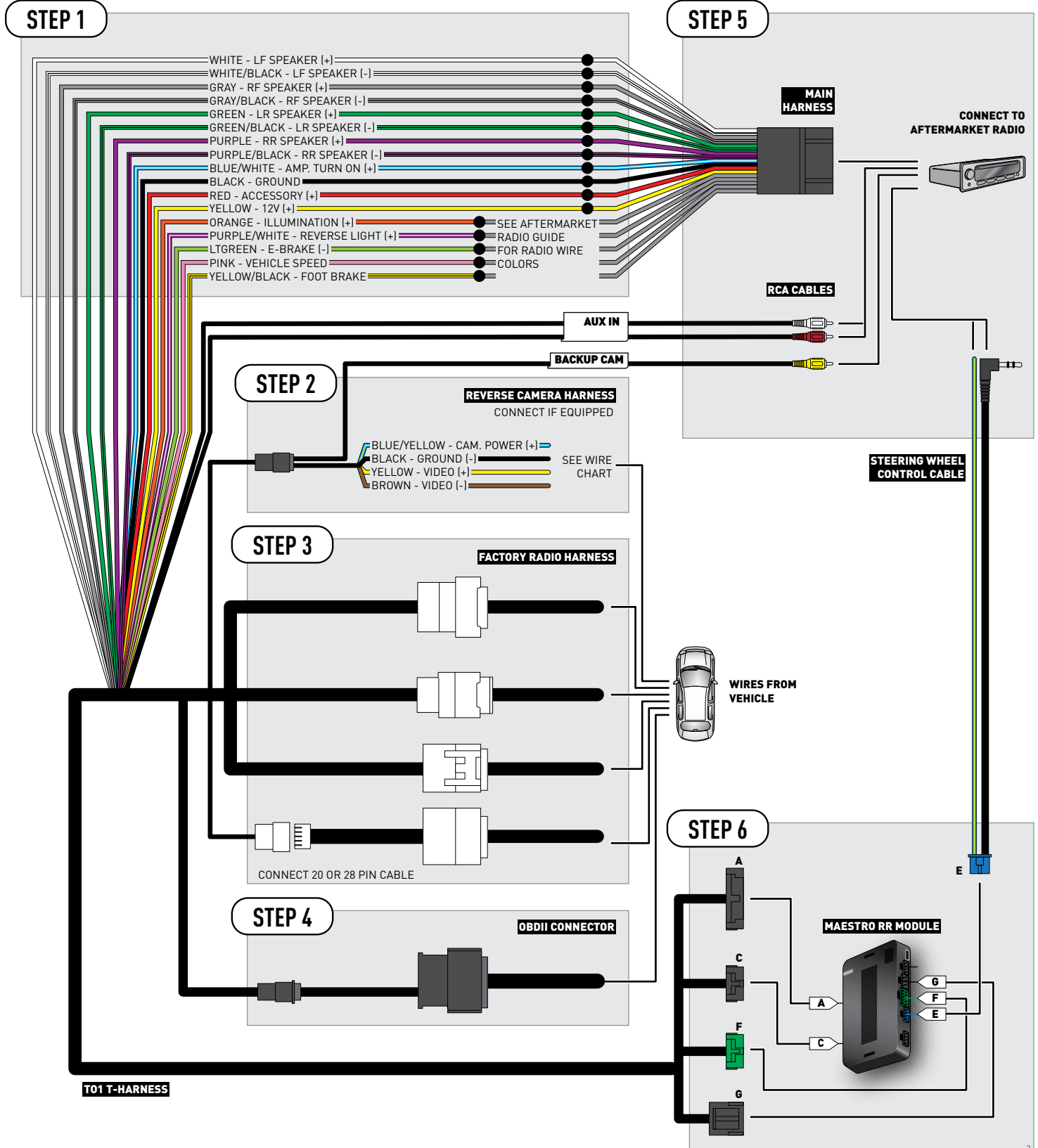
## STEP 6

- 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

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



# 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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.

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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

- 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 steering wheel control cable into the aftermarket radio.

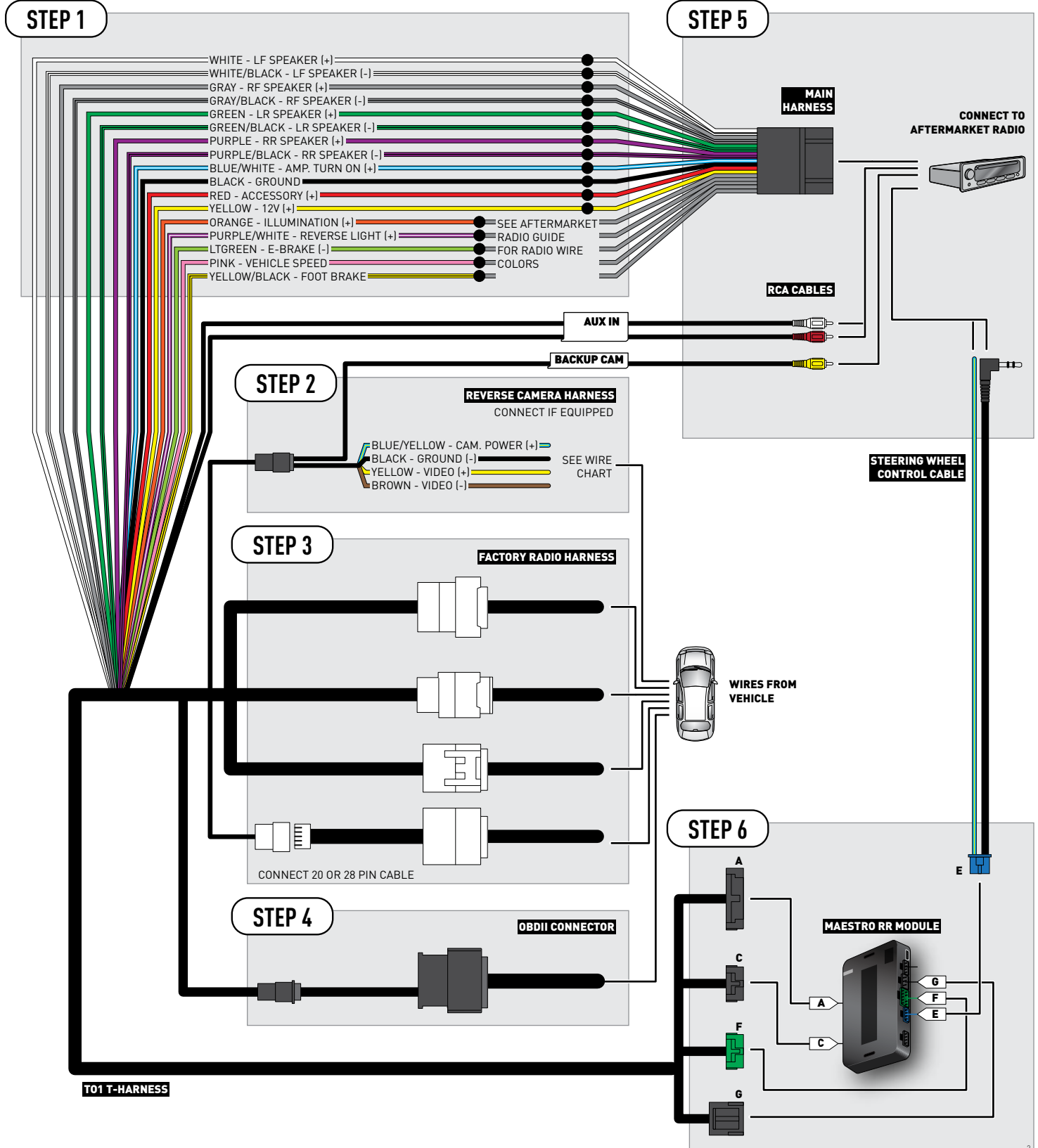
## STEP 6

- 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                        |

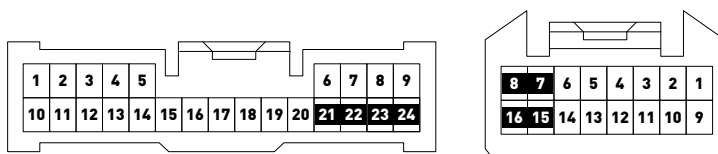
# VEHICLE WIRE REFERENCE CHART

| 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       | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

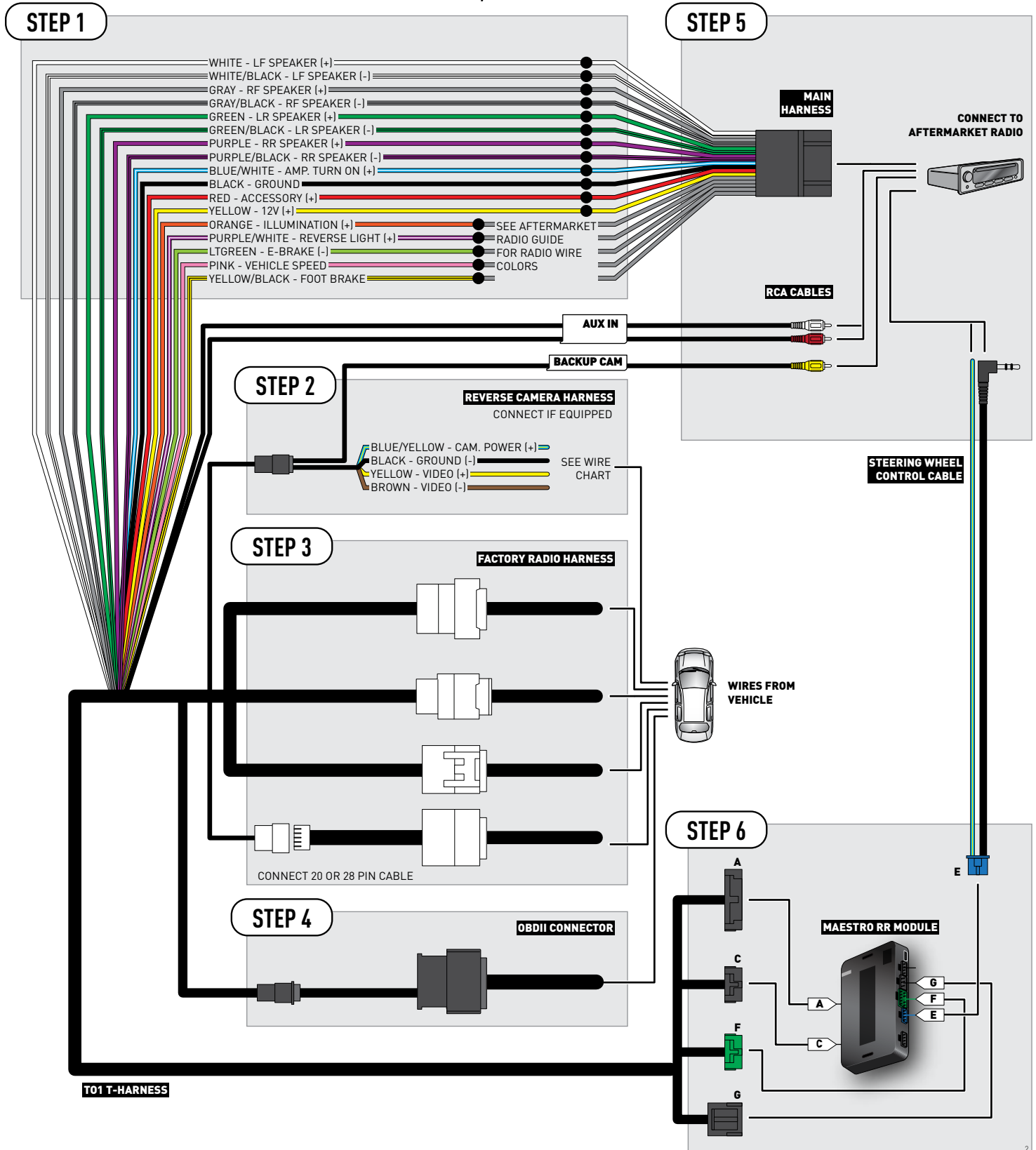
## STEP 6

- 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

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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## STEP 1

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## STEP 2

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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 steering wheel control cable into the aftermarket radio.

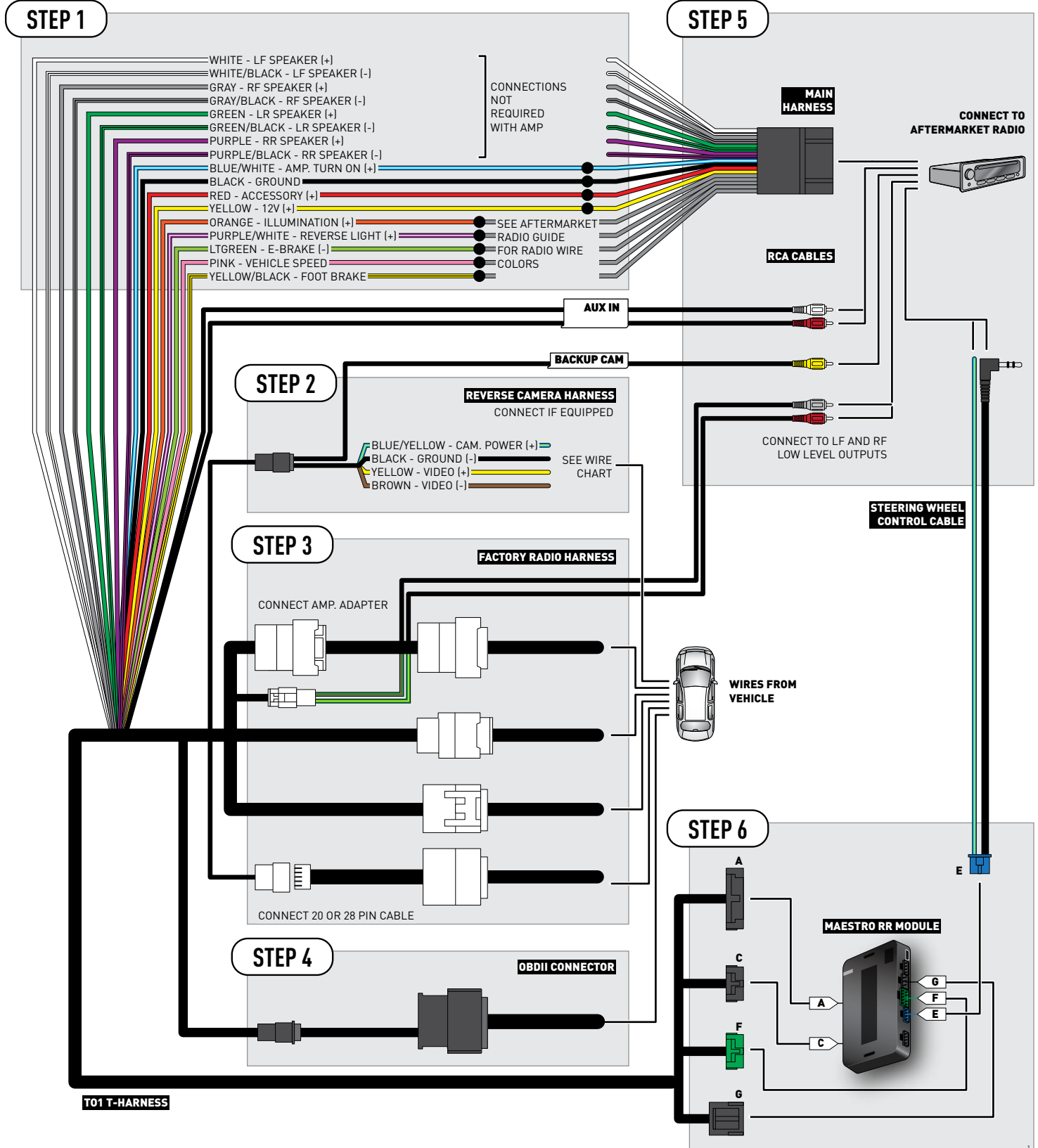
## STEP 6

- 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*



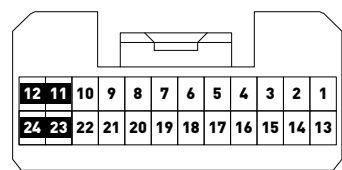
# RADIO WIRE REFERENCE CHART

| 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 |

## 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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.**

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# NEED HELP?

 **1 866 427-2999**

 **[maestro.support@adsdata.ca](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

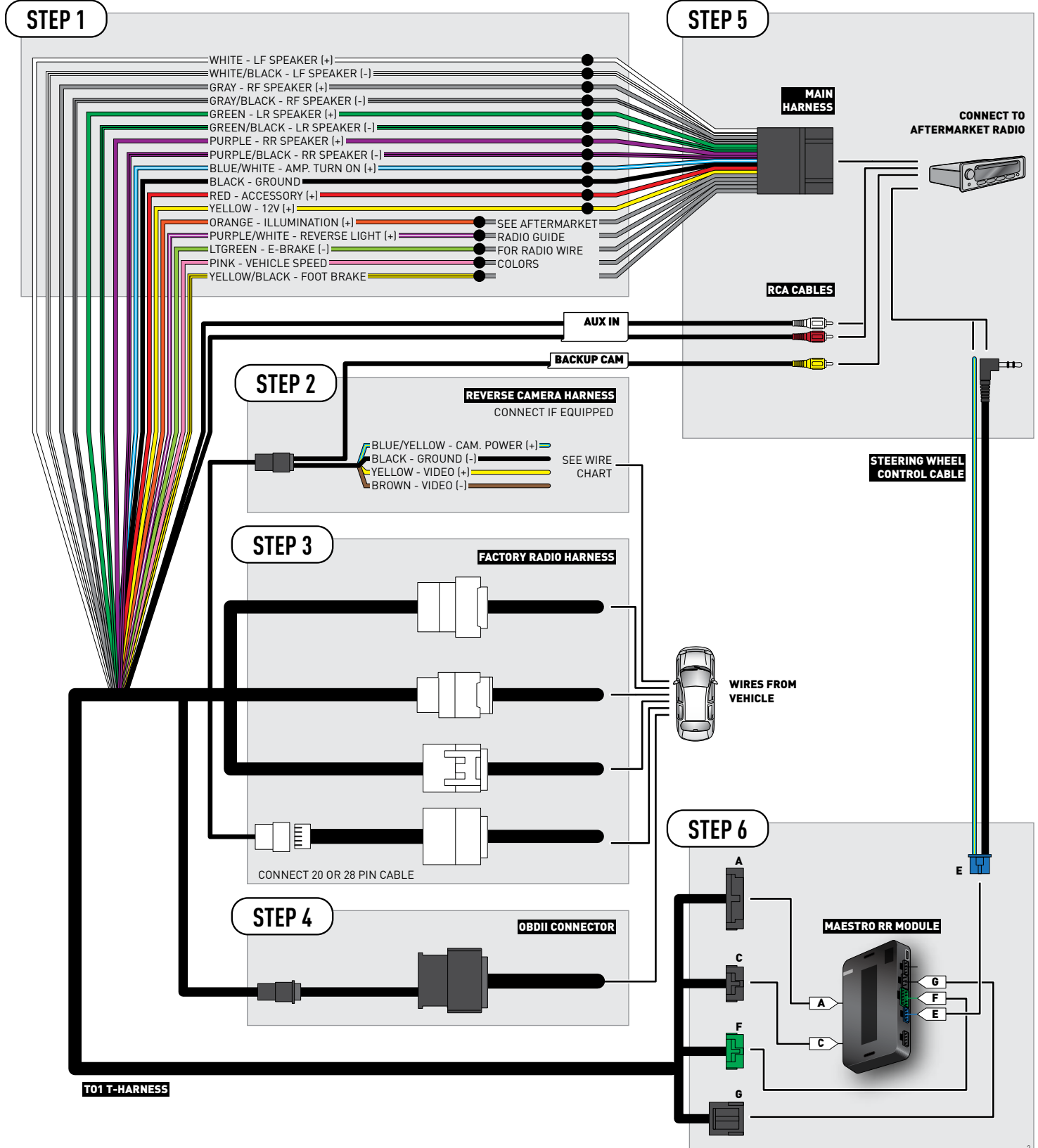
## STEP 6

- 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 *without an Amplifier*



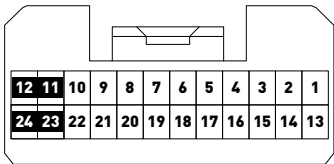
# RADIO WIRE REFERENCE CHART

| 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 |

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

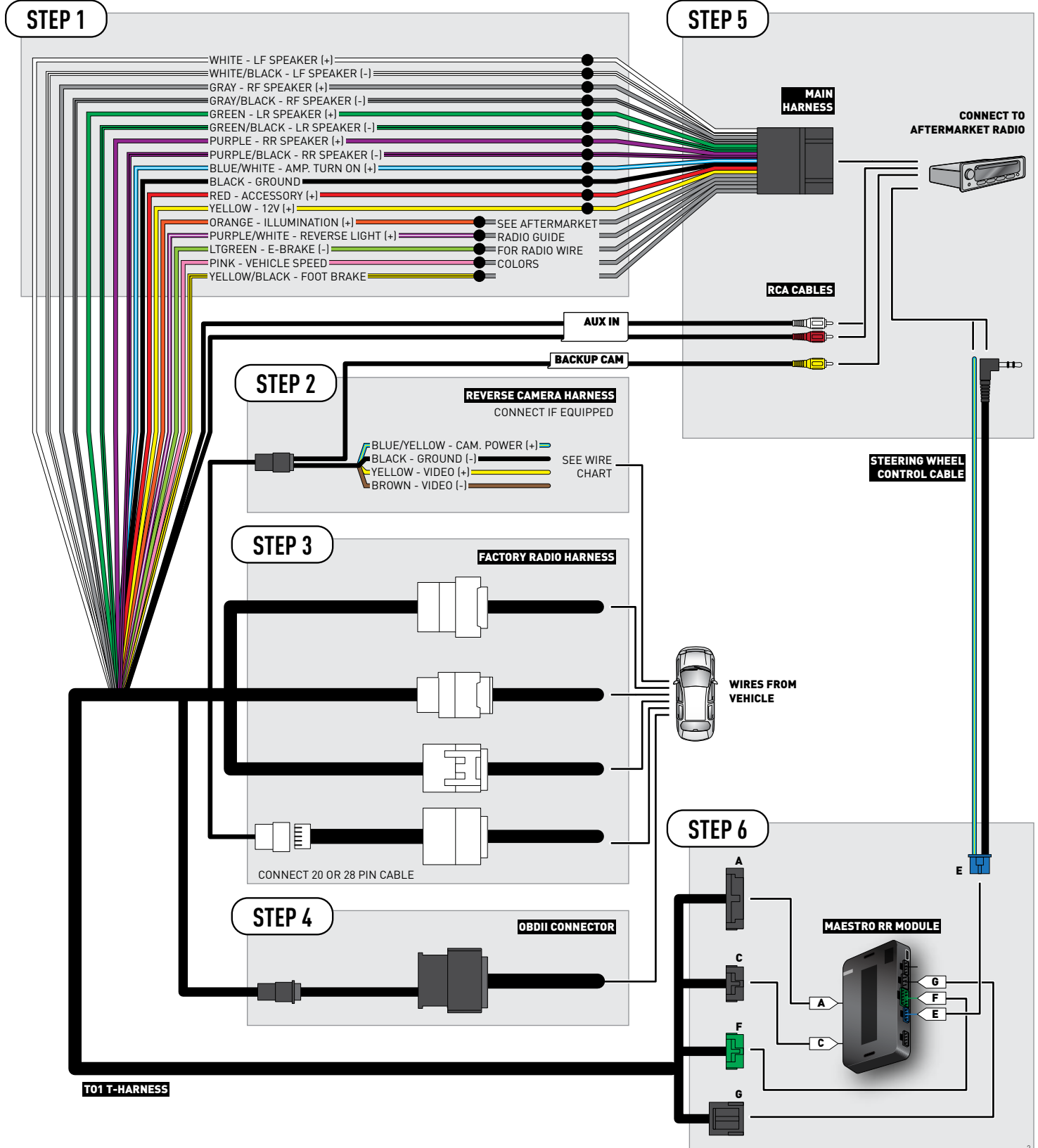
## STEP 6

- 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*



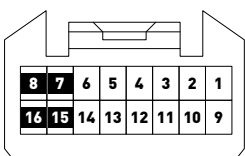
# RADIO WIRE REFERENCE CHART

| 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       | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

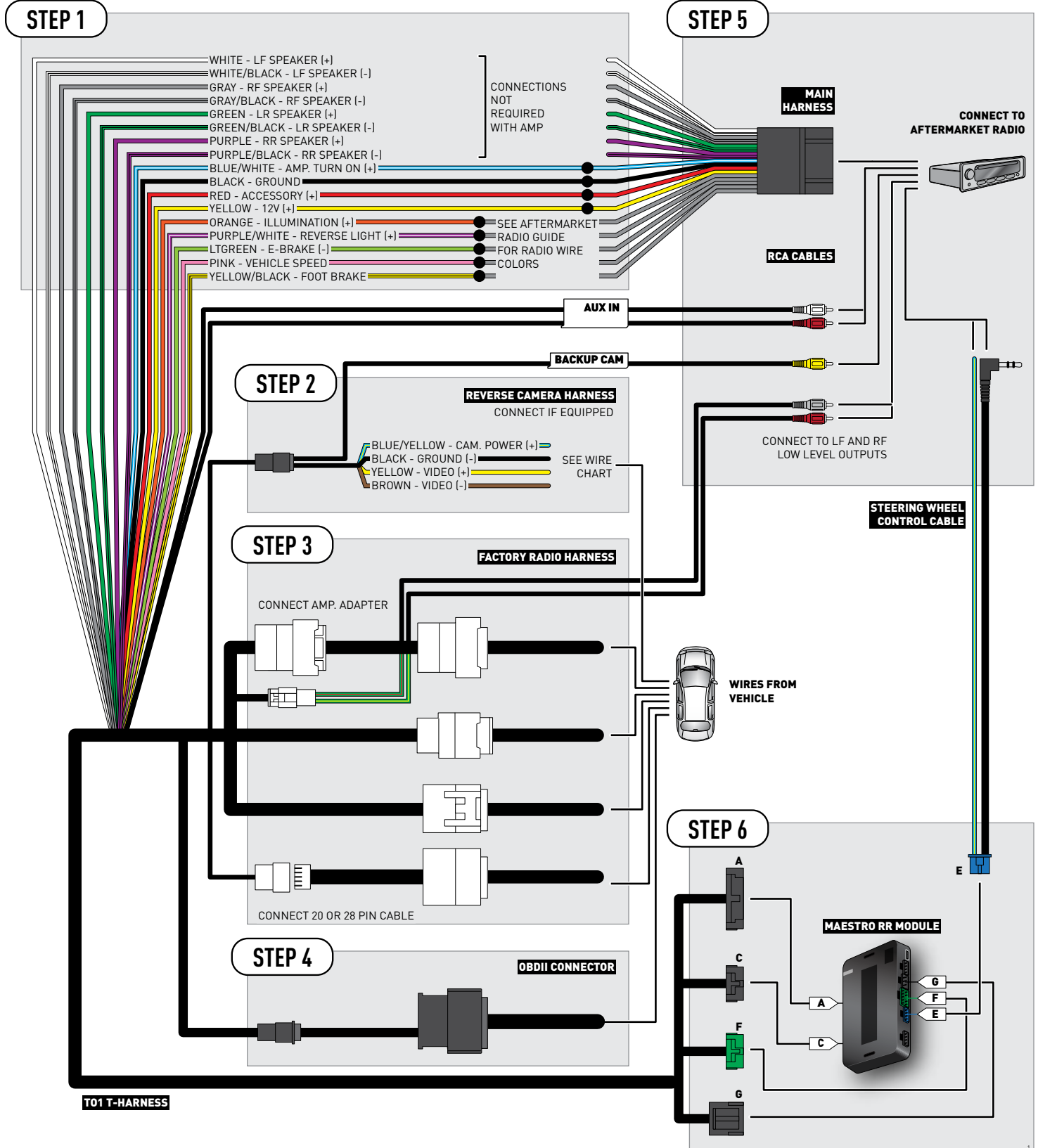
## STEP 6

- 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*



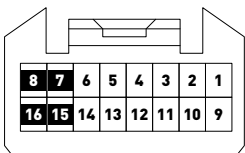
# RADIO WIRE REFERENCE CHART

| 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     | ~              | ~               | 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 WITHOUT JBL 2010-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

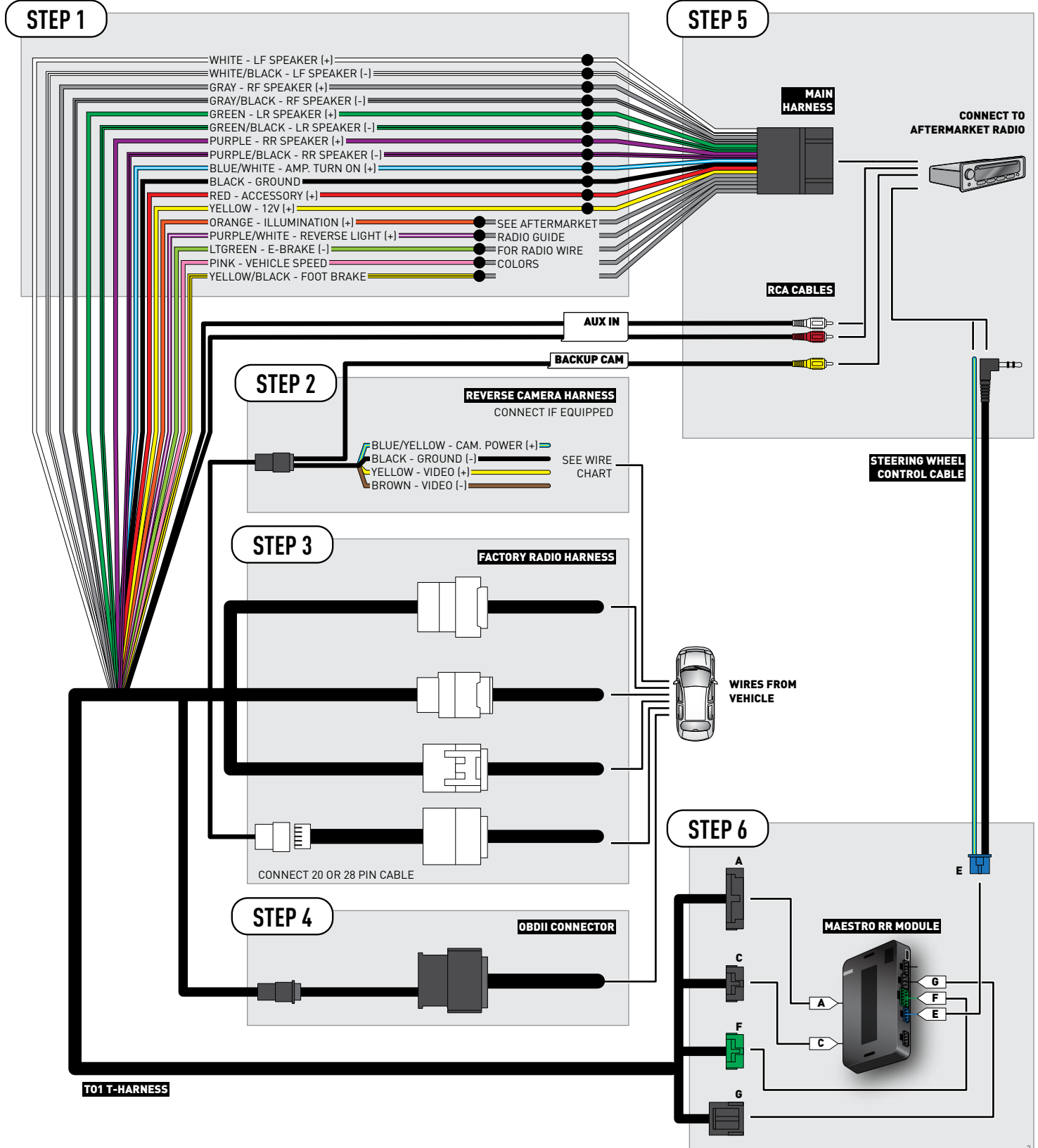
## STEP 6

- 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*



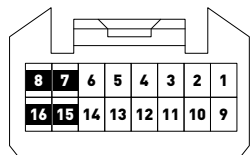
# RADIO WIRE REFERENCE CHART

| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

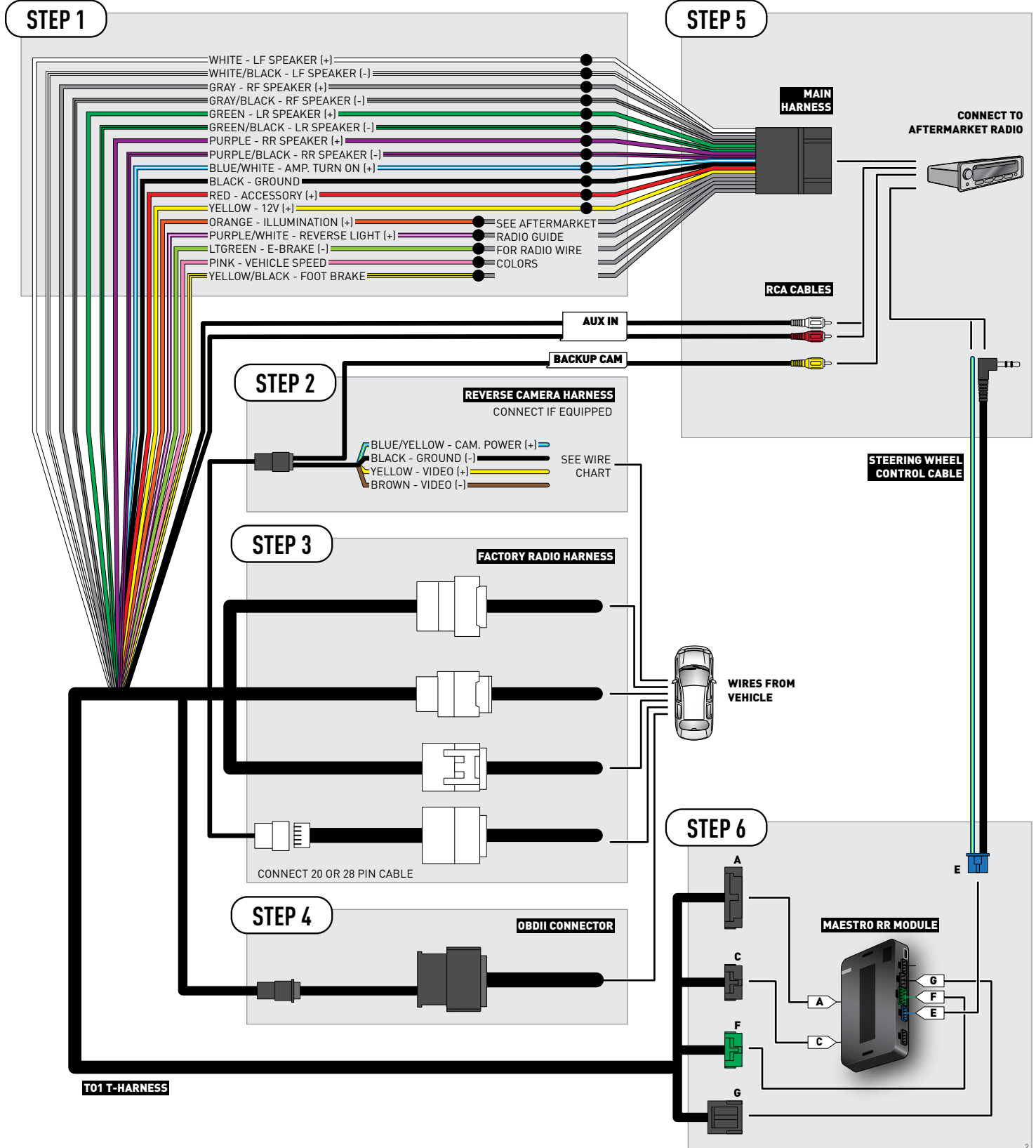
## STEP 6

- 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

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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket 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/"

**STEP 1**

- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP. TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- PINK - VEHICLE SPEED
- YELLOW/BLACK - FOOT BRAKE

CONNECTIONS NOT REQUIRED WITH AMP

SEE AFTERMARKET RADIO GUIDE FOR RADIO WIRE COLORS

**STEP 2**

**REVERSE CAMERA HARNESS**  
CONNECT IF EQUIPPED

- BLUE/YELLOW - CAM. POWER (+)
- BLACK - GROUND (-)
- YELLOW - VIDEO (+)
- BROWN - VIDEO (-)

SEE WIRE CHART

**STEP 3**

**FACTORY RADIO HARNESS**

CONNECT AMP. ADAPTER

CONNECT 20 OR 28 PIN CABLE

**STEP 4**

**OBDII CONNECTOR**

**STEP 5**

**MAIN HARNESS**

**RCA CABLES**

CONNECT TO AFTERMARKET RADIO

AUX IN

BACKUP CAM

CONNECT TO LF AND RF LOW LEVEL OUTPUTS

**STEERING WHEEL CONTROL CABLE**

**WIRES FROM VEHICLE**

**STEP 6**

**MAESTRO RR MODULE**

A, C, F, G

6, F, E

**T01 T-HARNESS**

# 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 RAV 4 WITHOUT JBL 2006-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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 steering wheel control cable into the aftermarket radio.

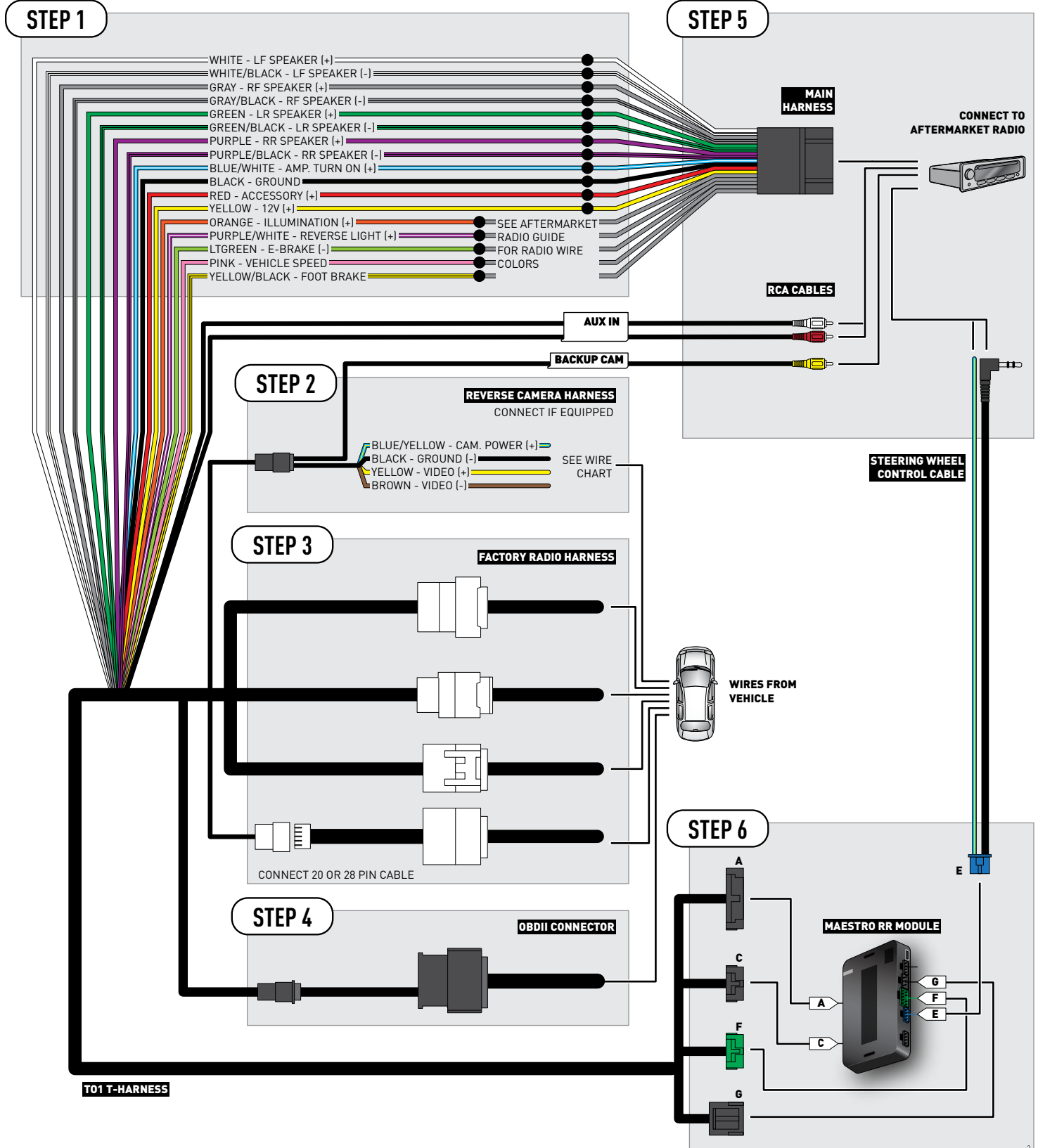
## STEP 6

- 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

REVERSE CAMERA NOT AVAILABLE / NOT PRESENT



# INSTALL GUIDE TOYOTA SEQUOIA WITH JBL 2008-2013

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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).
- Connect the left front and right front low level outputs RCA cables into the aftermarket radio.
- Plug the steering wheel control cable into the aftermarket radio.

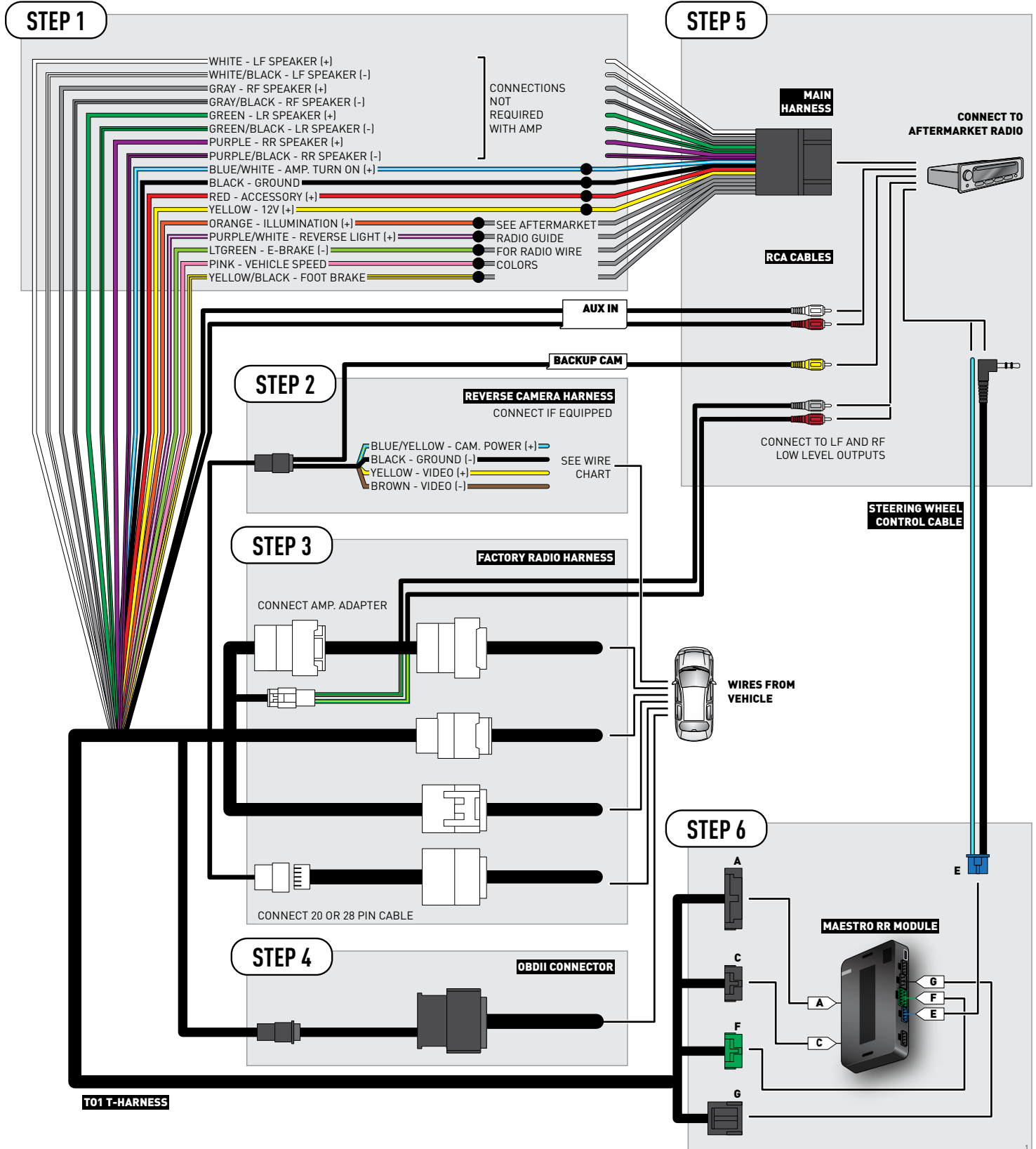
## STEP 6

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

## 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                        |

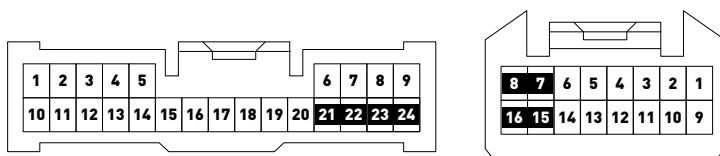
# VEHICLE WIRE REFERENCE CHART

| 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       | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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

- 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 steering wheel control cable into the aftermarket radio.

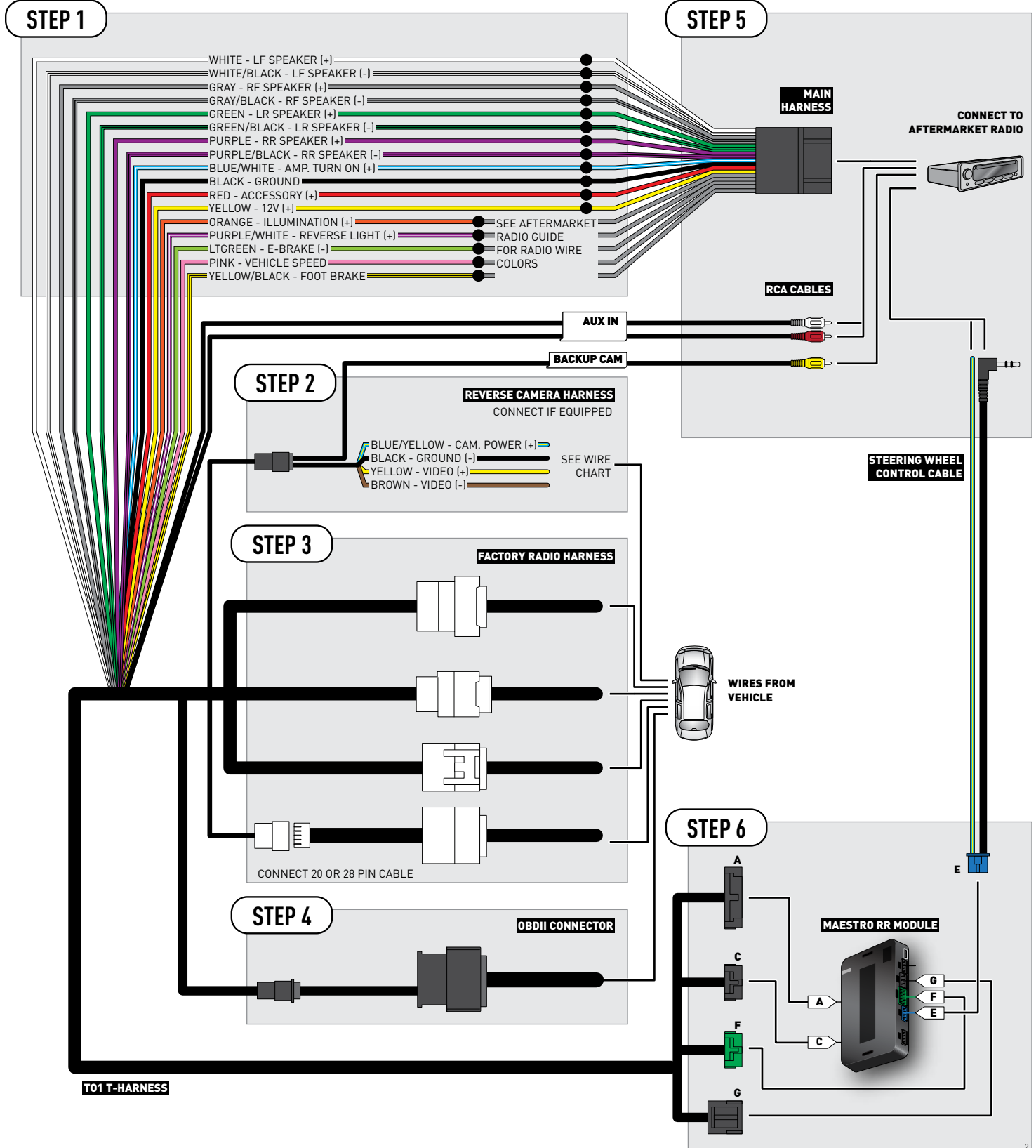
## STEP 6

- 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*



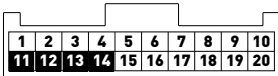
# RADIO WIRE REFERENCE CHART

| 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 SEQUOIA WITHOUT JBL 2014-2018

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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.

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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

- 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 steering wheel control cable into the aftermarket radio.

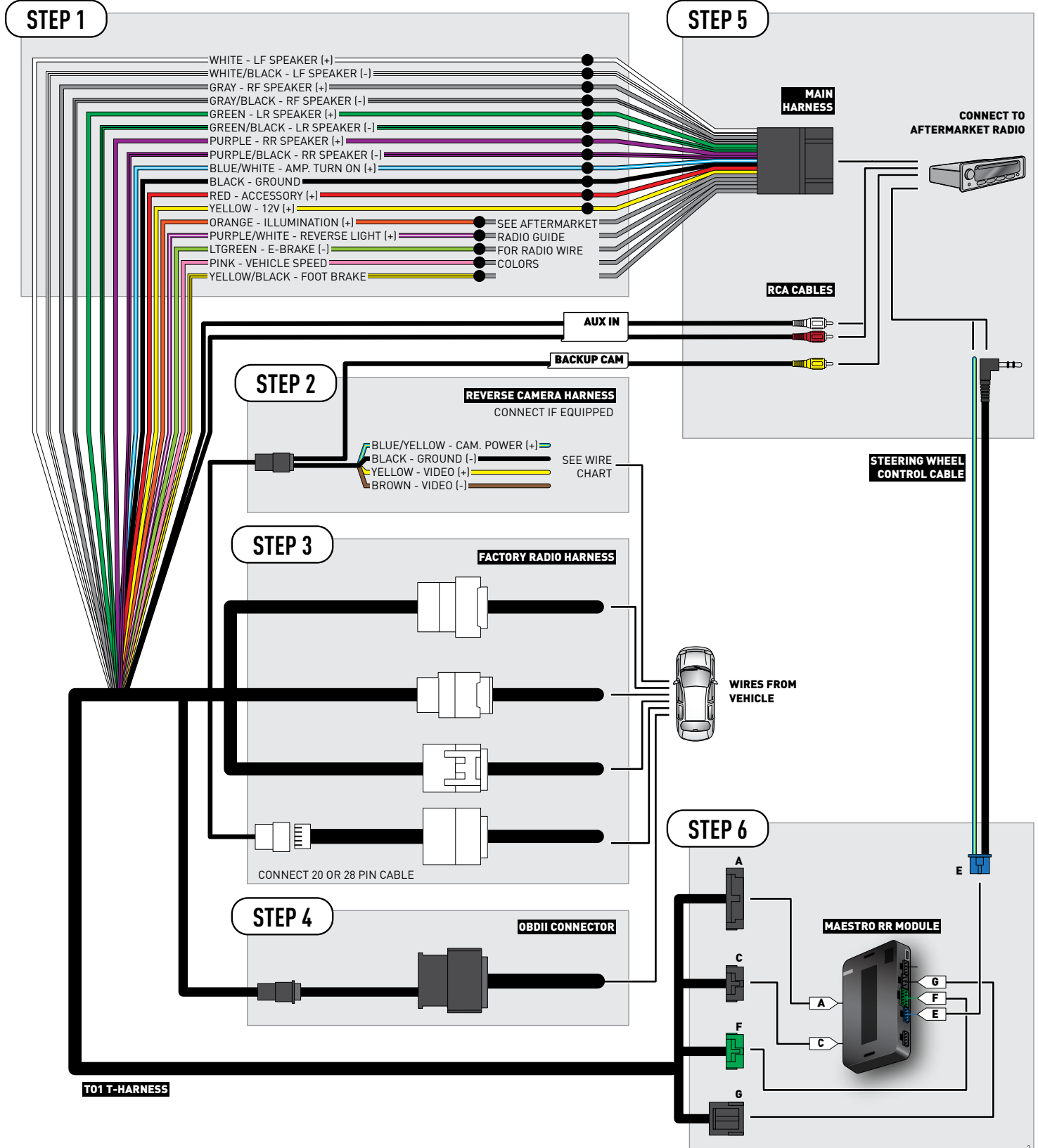
## STEP 6

- 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*



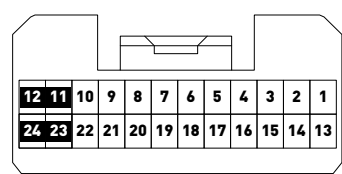
# RADIO WIRE REFERENCE CHART

| 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       | 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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# 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.

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# NEED HELP?

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- Remove the factory radio.

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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).
- 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 steering wheel control cable into the aftermarket radio.

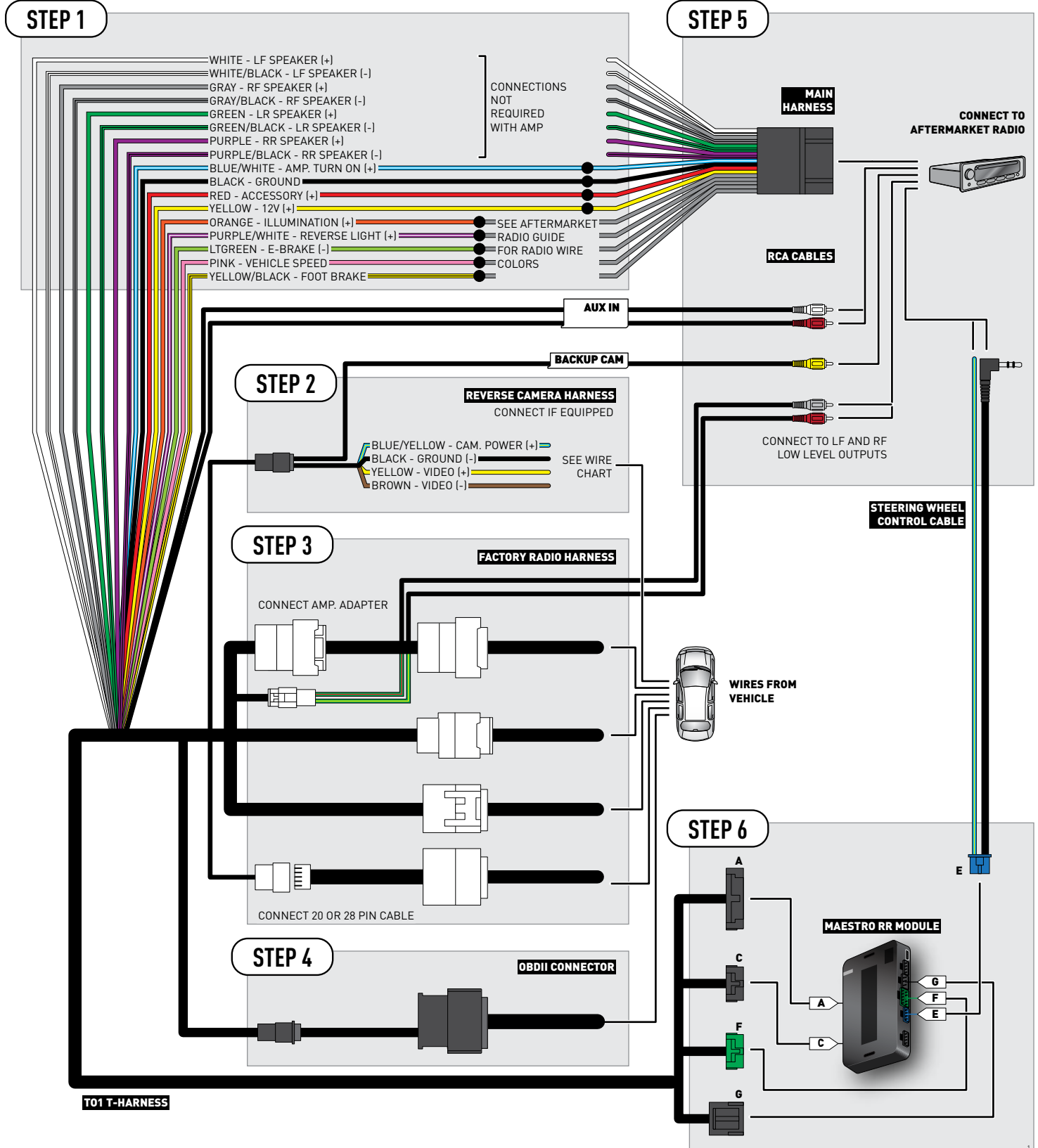
## STEP 6

- 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*



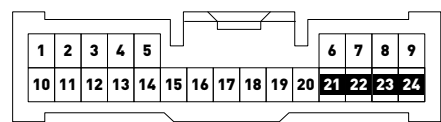
# RADIO WIRE REFERENCE CHART

| 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         | 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 |

## 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://www.12voltdata.com/forum)**

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| Vehicle Wire Reference Chart | <b>6</b> |

# 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 steering wheel control cable into the aftermarket radio.

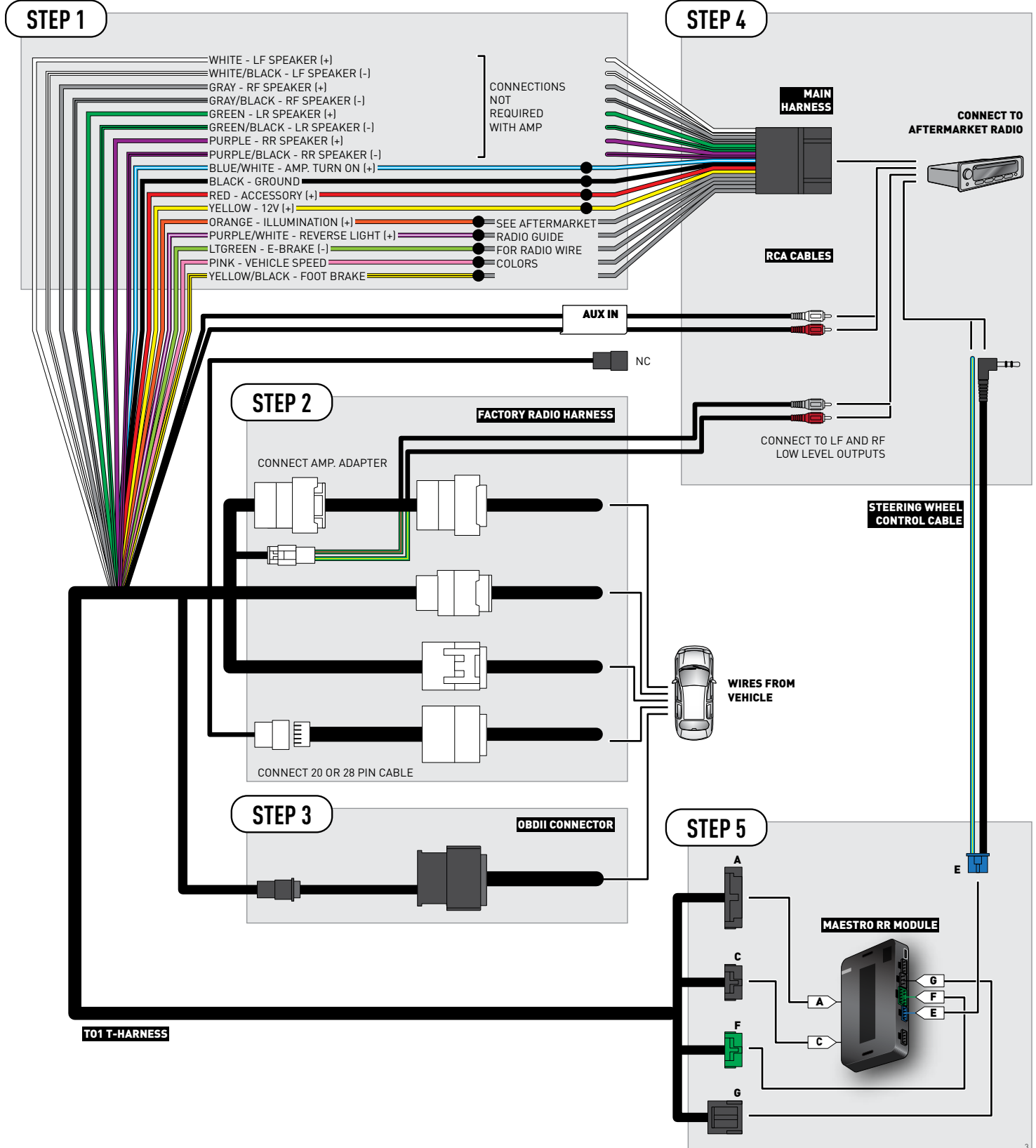
## STEP 5

- 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.
- 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

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)

 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

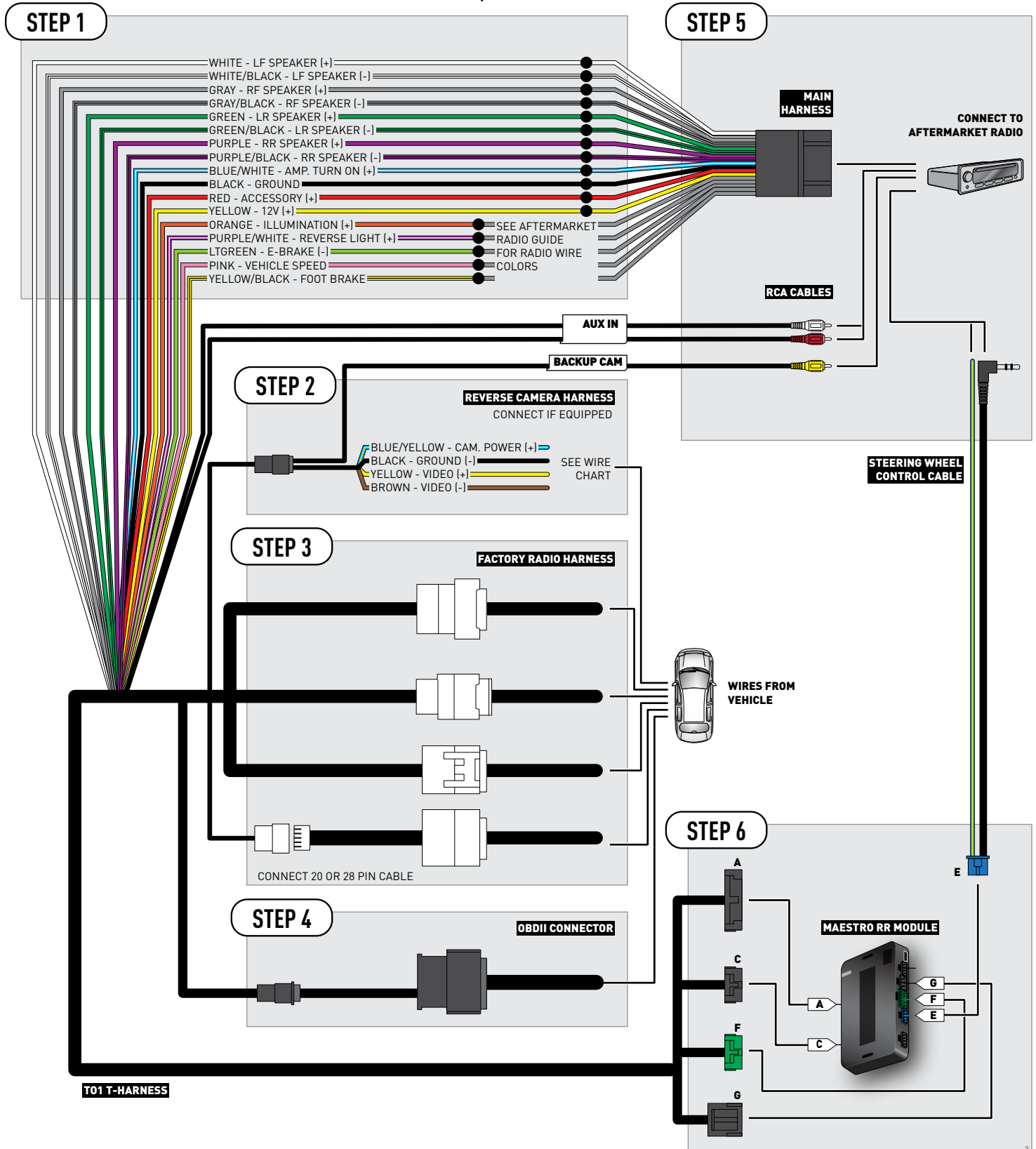
## STEP 6

- 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 SIENNA WITHOUT JBL 2011-2014

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

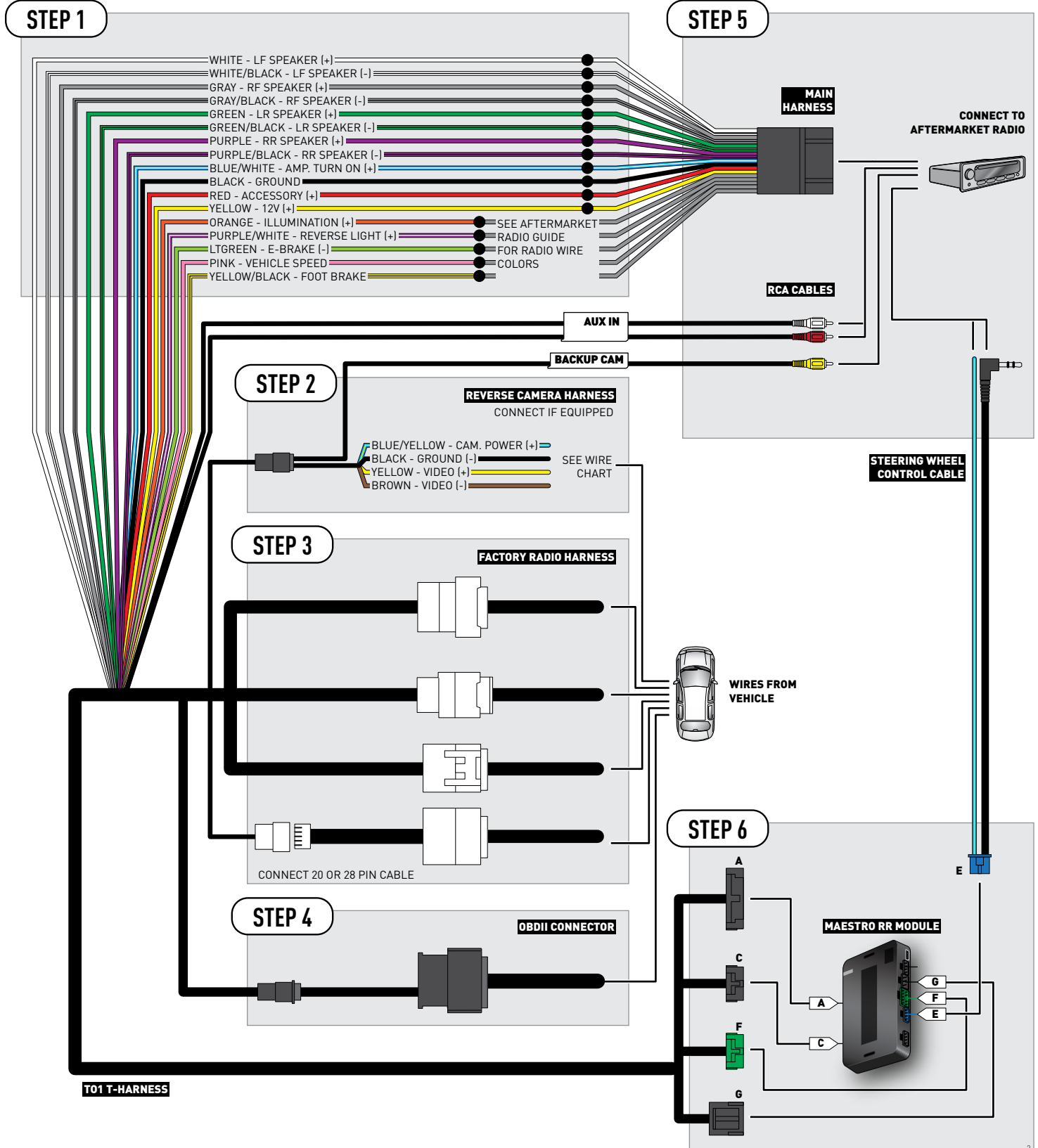
## STEP 6

- 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 *without an Amplifier*



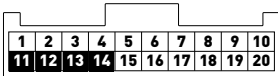
# RADIO WIRE REFERENCE CHART

| 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       | Red        | (+)      | Reverse camera harness |
| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

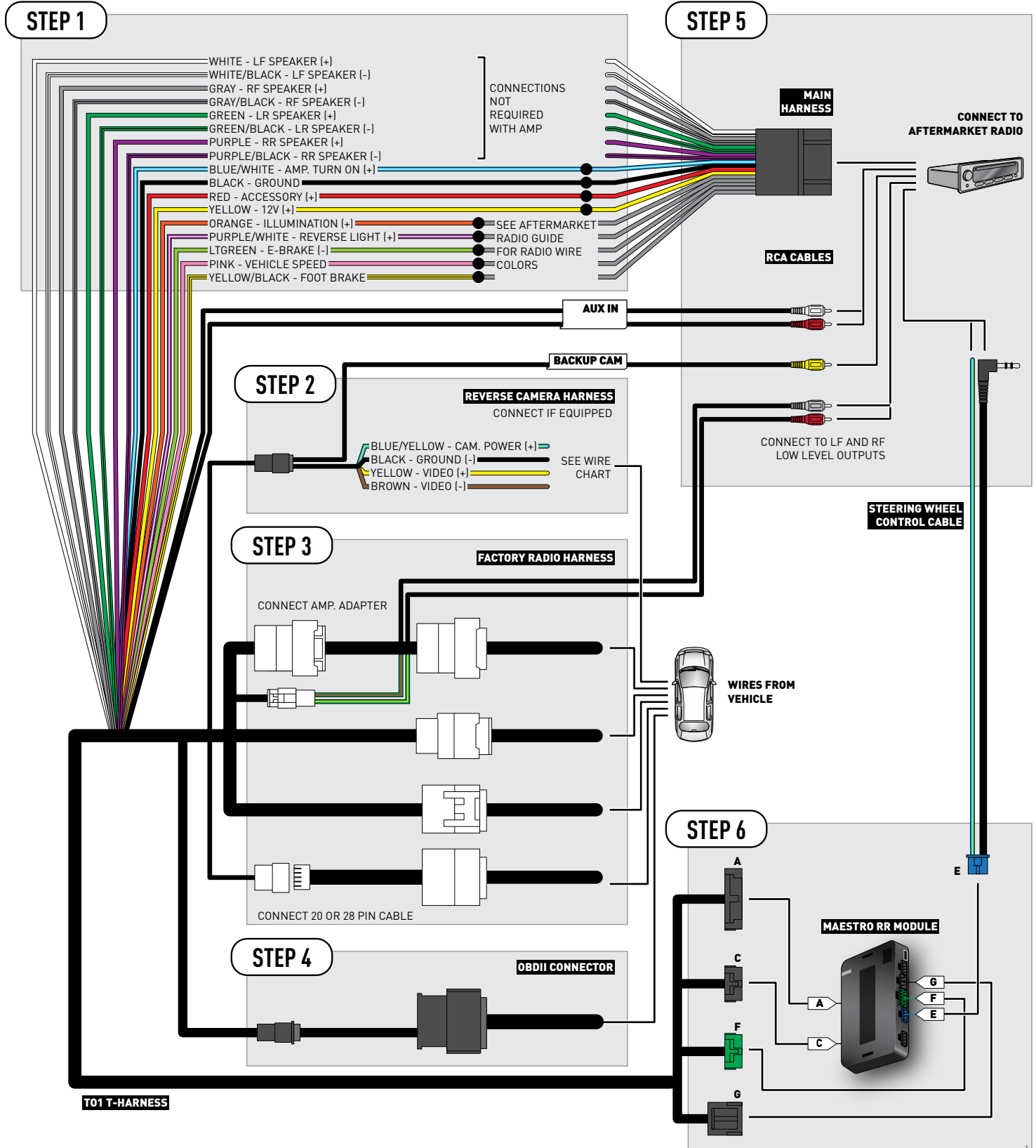
## STEP 6

- 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

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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

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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 steering wheel control cable into the aftermarket radio.

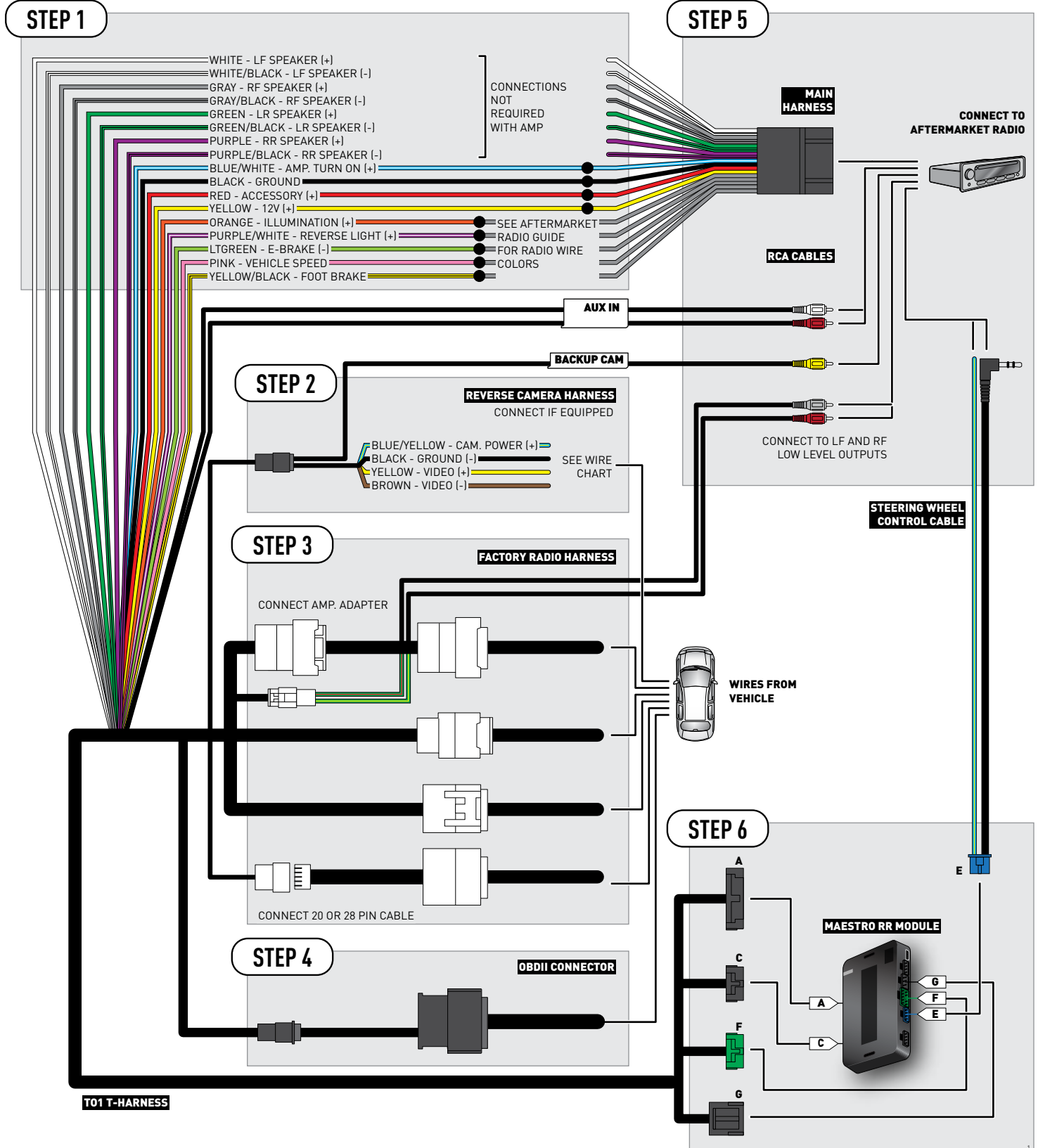
## STEP 6

- 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                        |

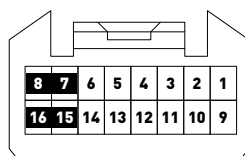
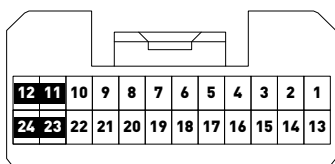
# VEHICLE WIRE REFERENCE CHART

| Wire Description | Connector Name | Connector Color | Connector Type | Position | Wire Color | Polarity | Wire Location          |
|------------------|----------------|-----------------|----------------|----------|------------|----------|------------------------|
| Camera Power     | ~              | ~               | 24 pin         | 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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

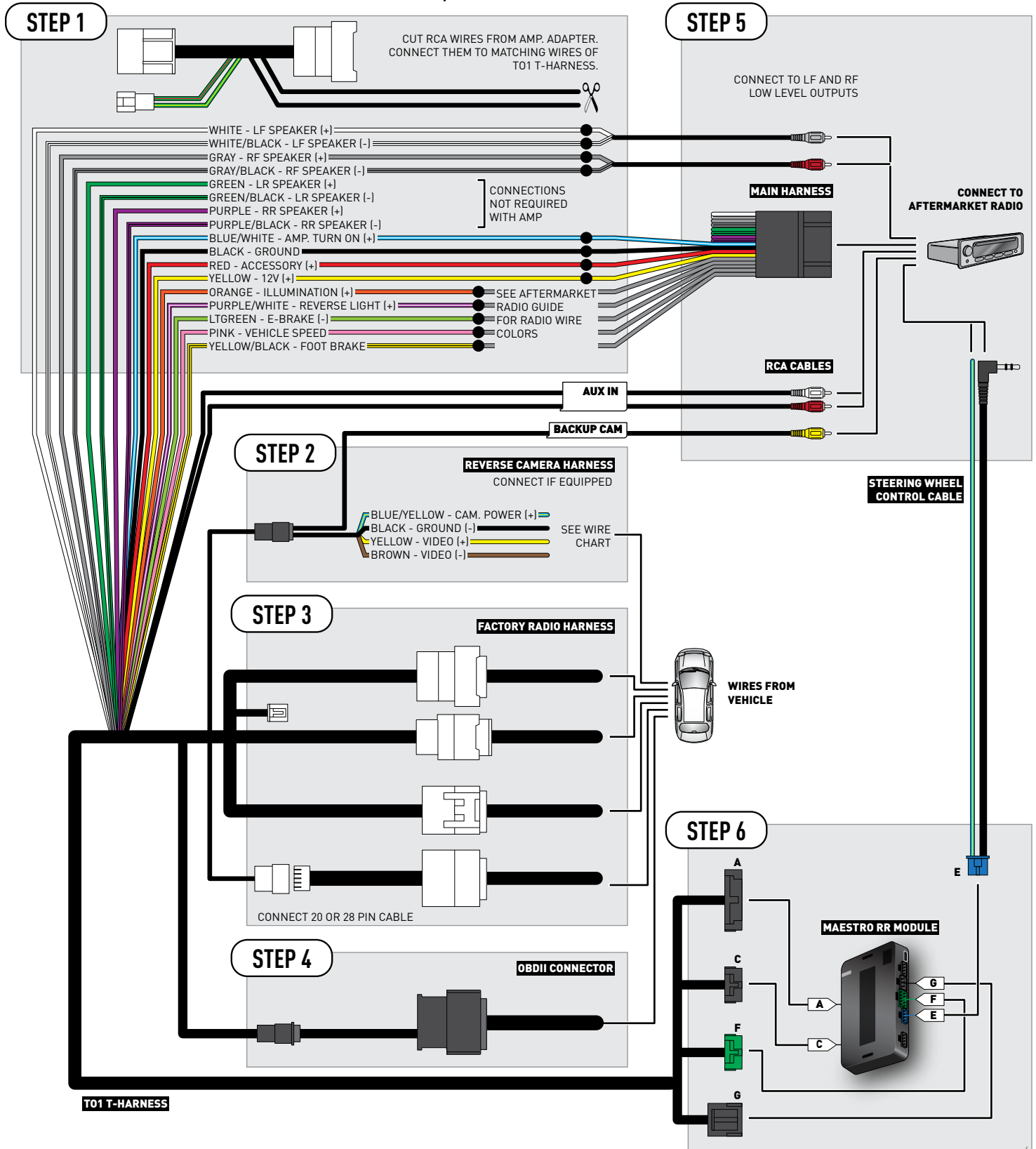
## STEP 6

- 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                        |

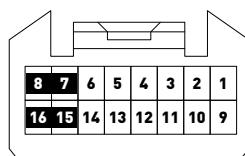
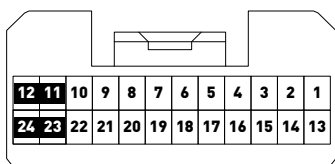
# VEHICLE WIRE REFERENCE CHART

| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

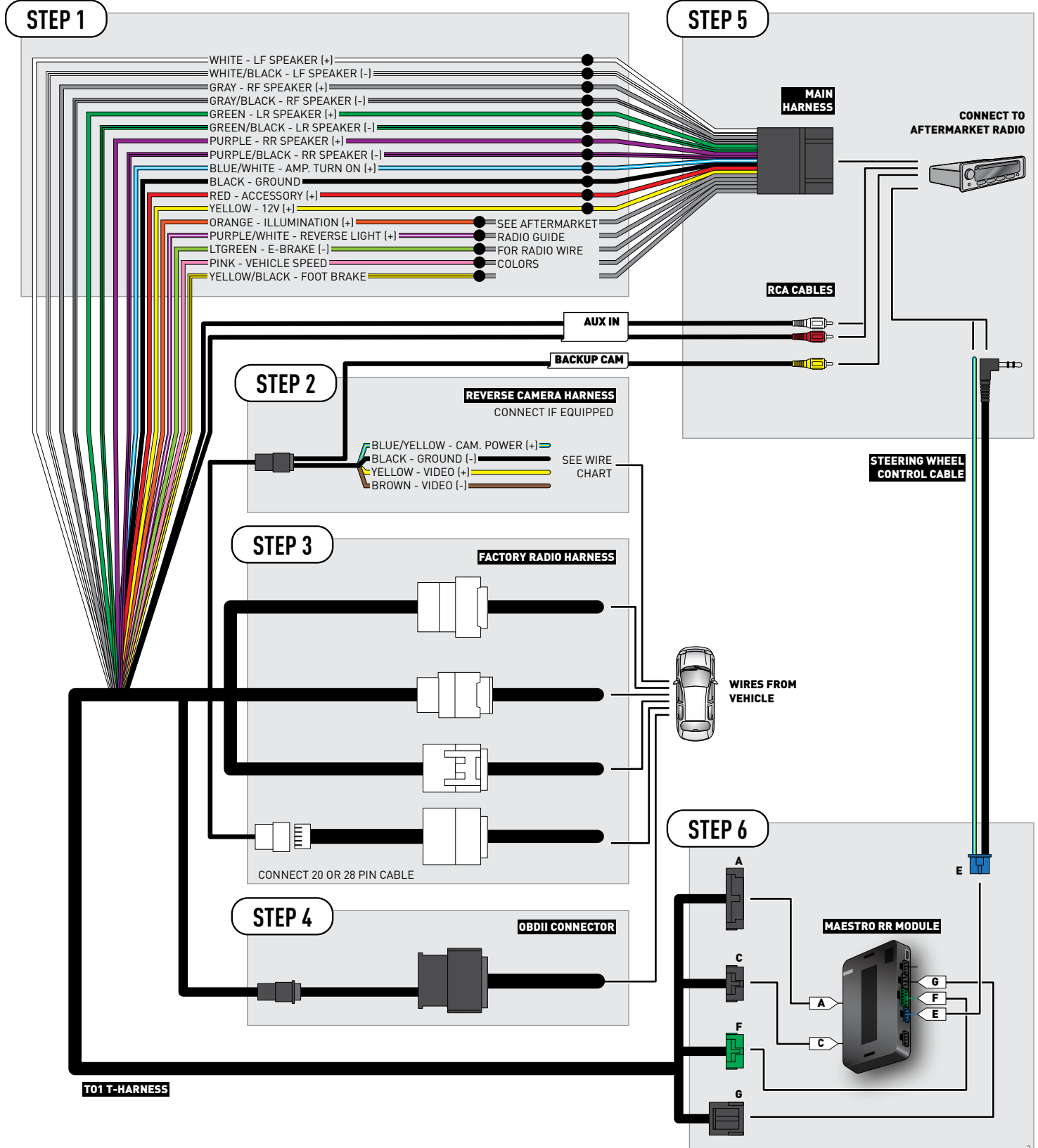
## STEP 6

- 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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

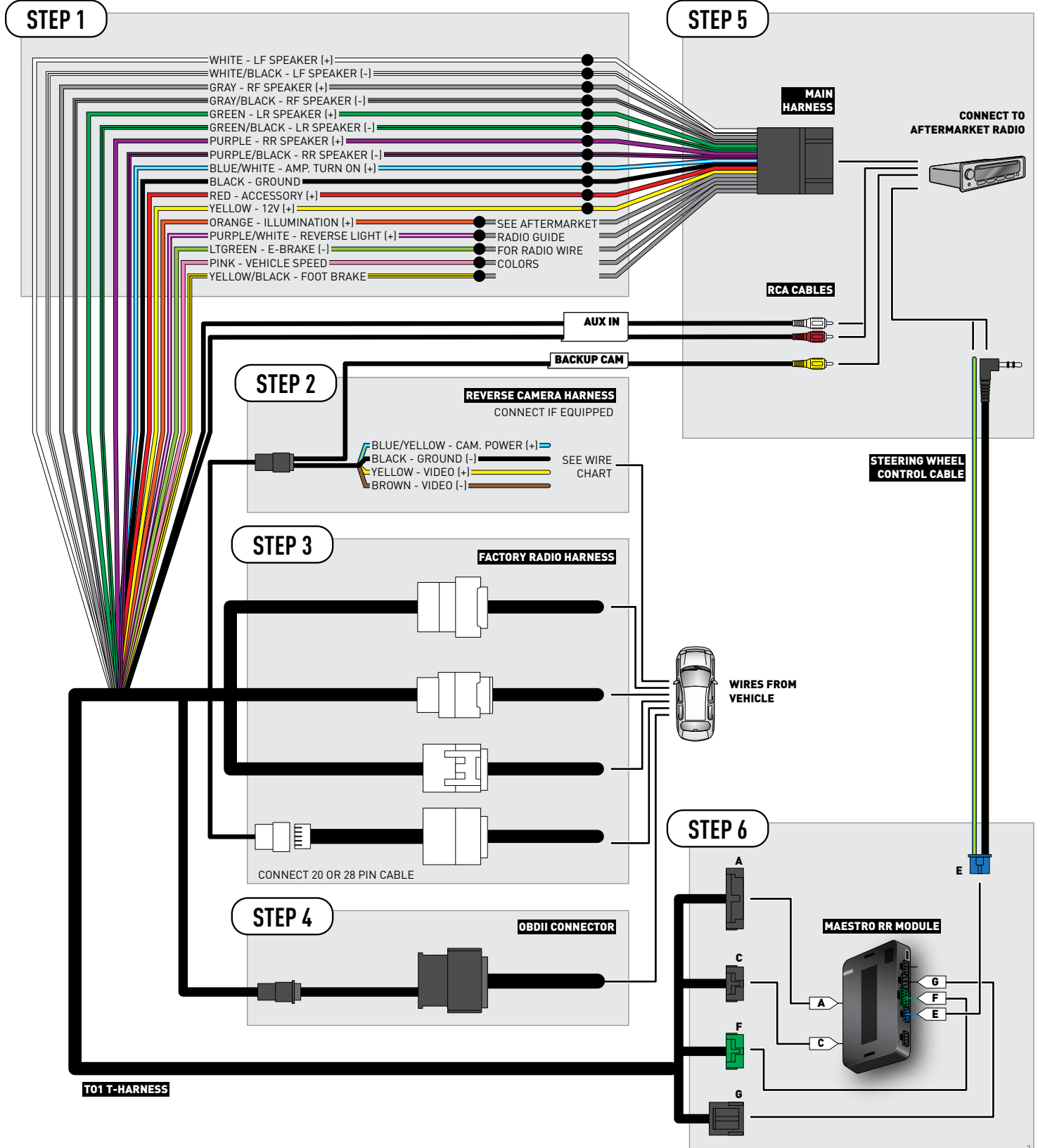
## STEP 6

- 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                        |

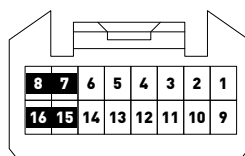
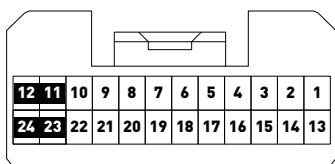
# VEHICLE WIRE REFERENCE CHART

| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

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| Vehicle Wire Reference Chart | <b>6</b> |

# 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 steering wheel control cable into the aftermarket radio.

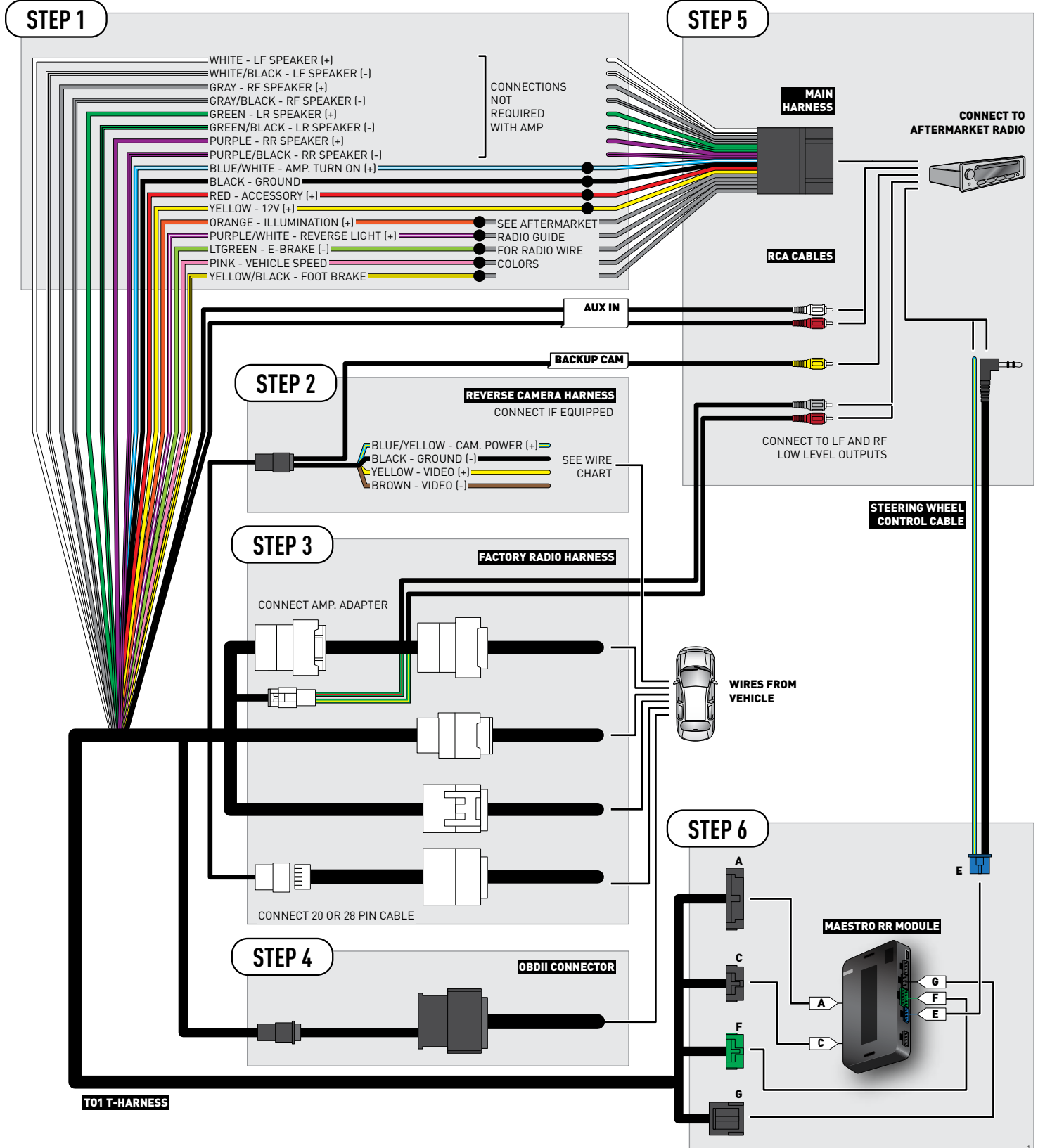
## STEP 6

- 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*



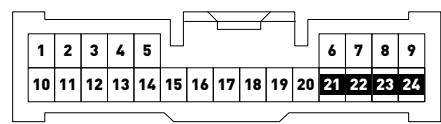
# RADIO WIRE REFERENCE CHART

| 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

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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# WELCOME

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# NEED HELP?

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# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the 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 steering wheel control cable into the aftermarket radio.

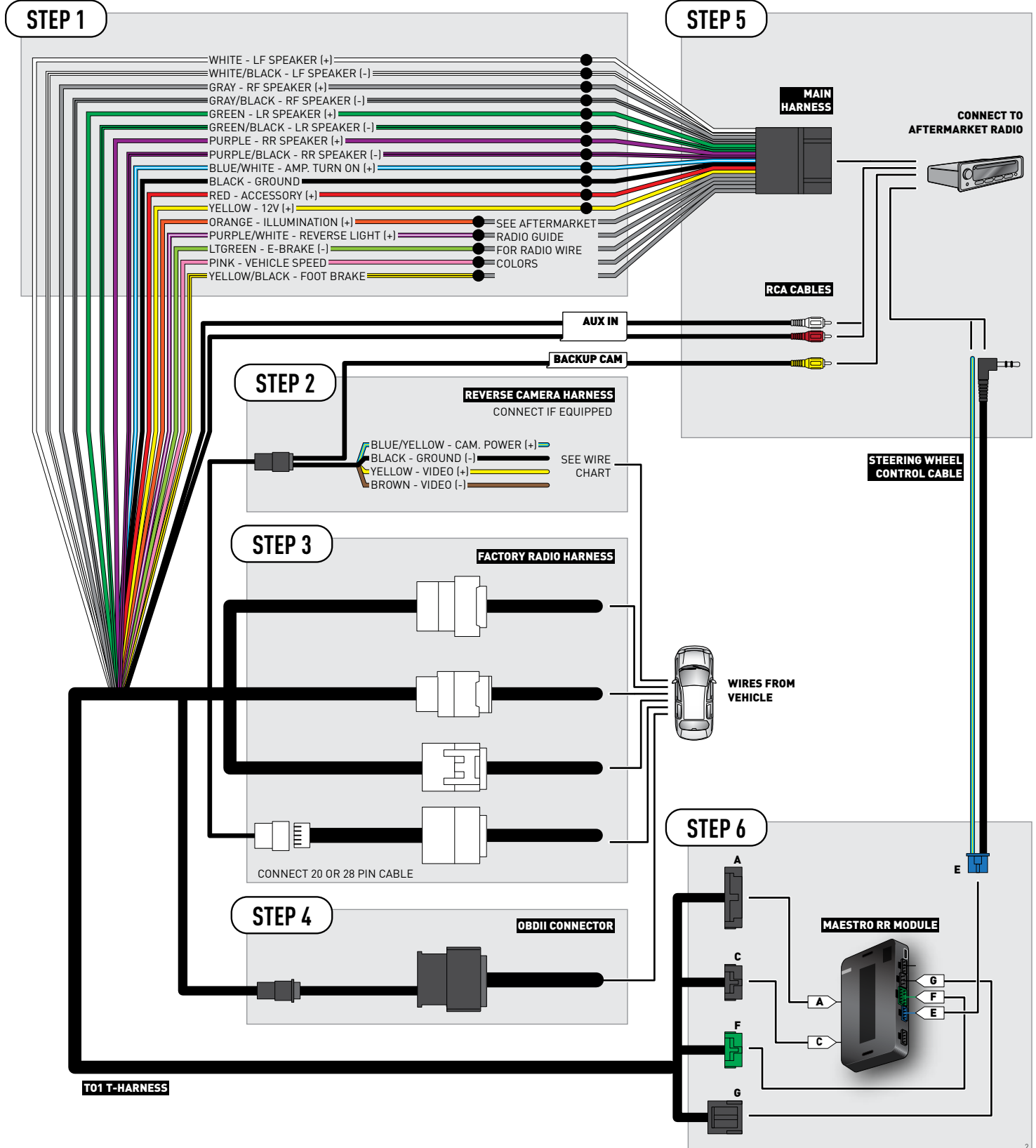
## STEP 6

- 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*



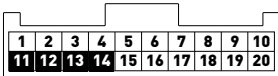
# RADIO WIRE REFERENCE CHART

| 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!



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## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

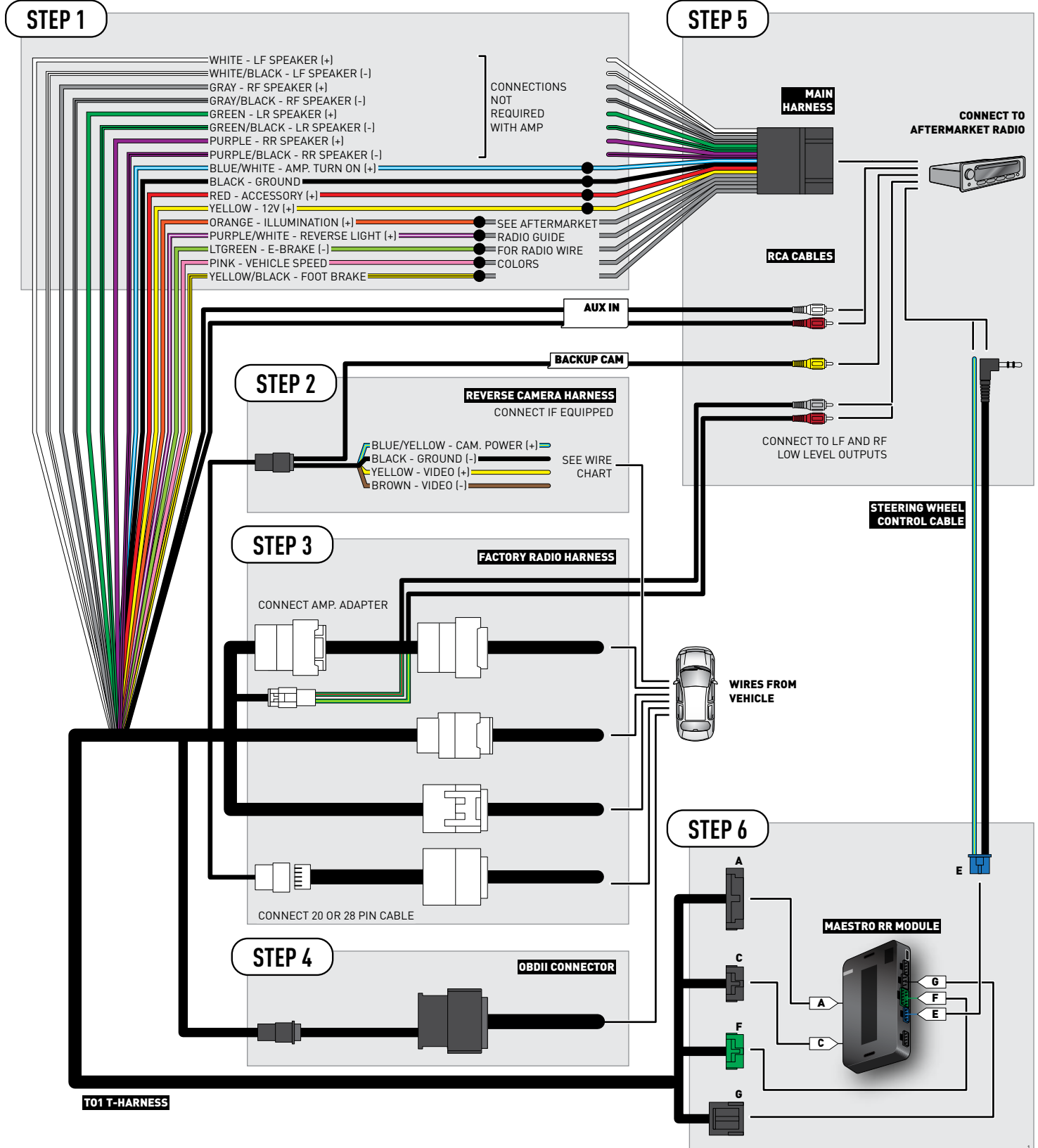
## STEP 6

- 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                        |

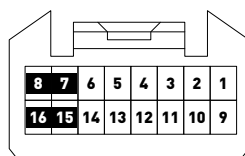
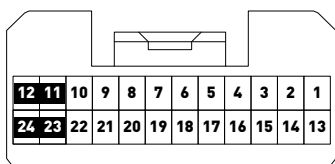
# VEHICLE WIRE REFERENCE CHART

| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](http://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 steering wheel control cable into the aftermarket radio.

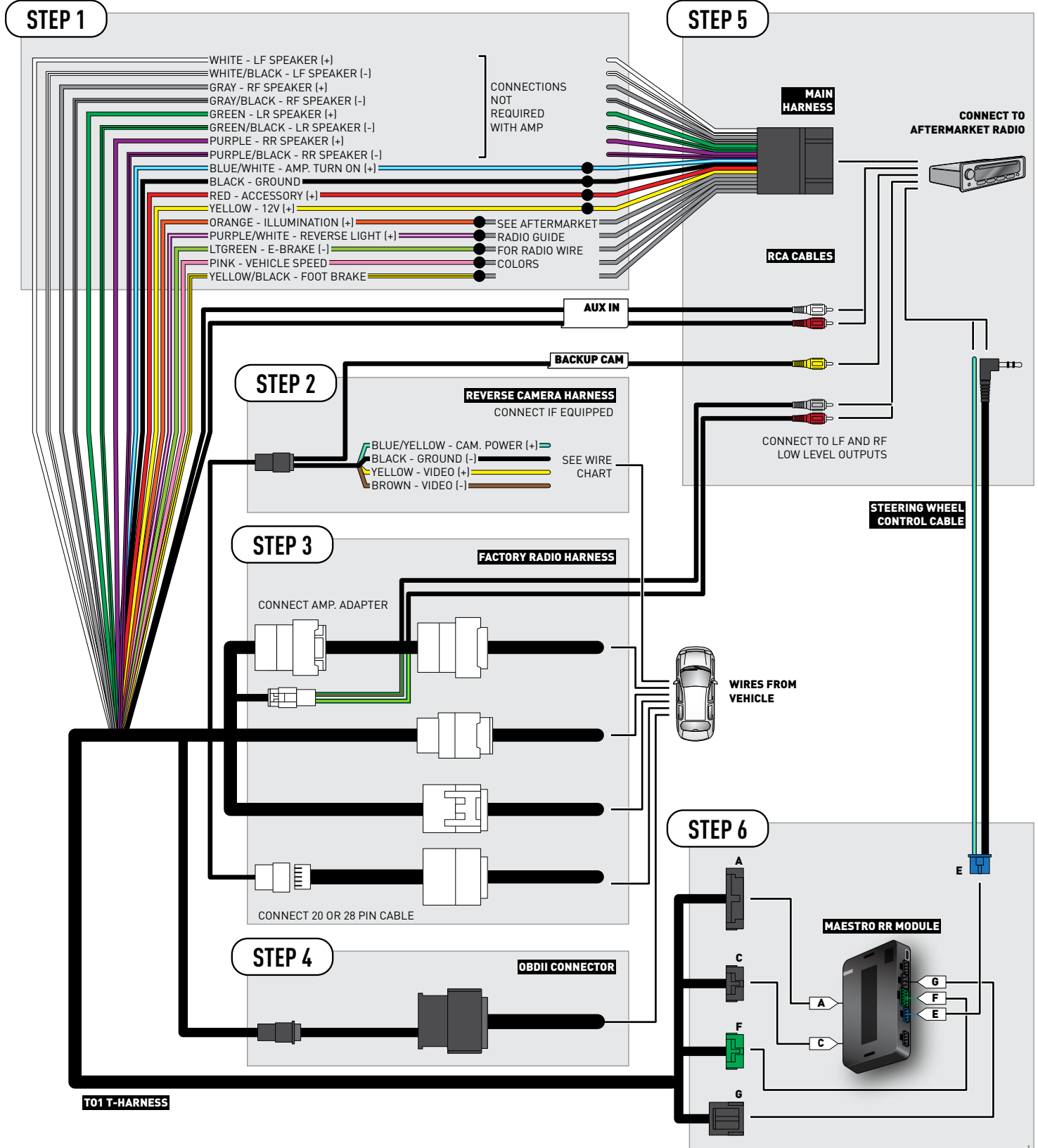
## STEP 6

- 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                        |

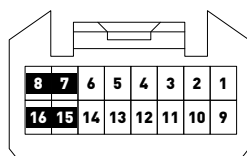
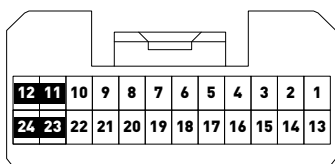
# VEHICLE WIRE REFERENCE CHART

| 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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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.**

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# NEED HELP?

 **1 866 427-2999**

 **[maestro.support@adsdata.ca](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](https://maestro.idatalink.com/support)  
[www.12voltdata.com/forum](https://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 steering wheel control cable into the aftermarket radio.

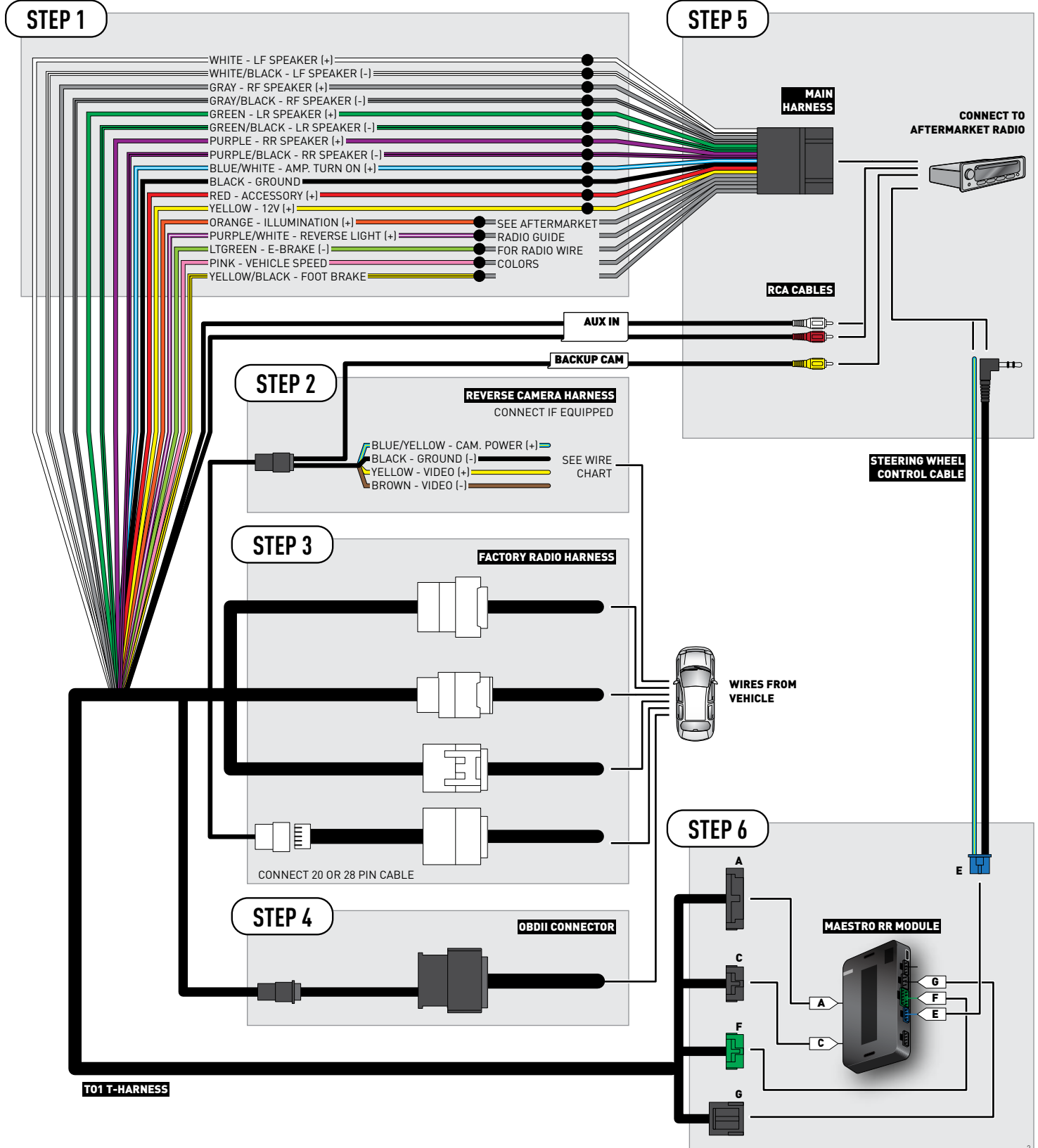
## STEP 6

- 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 *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!



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## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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 steering wheel control cable into the aftermarket radio.

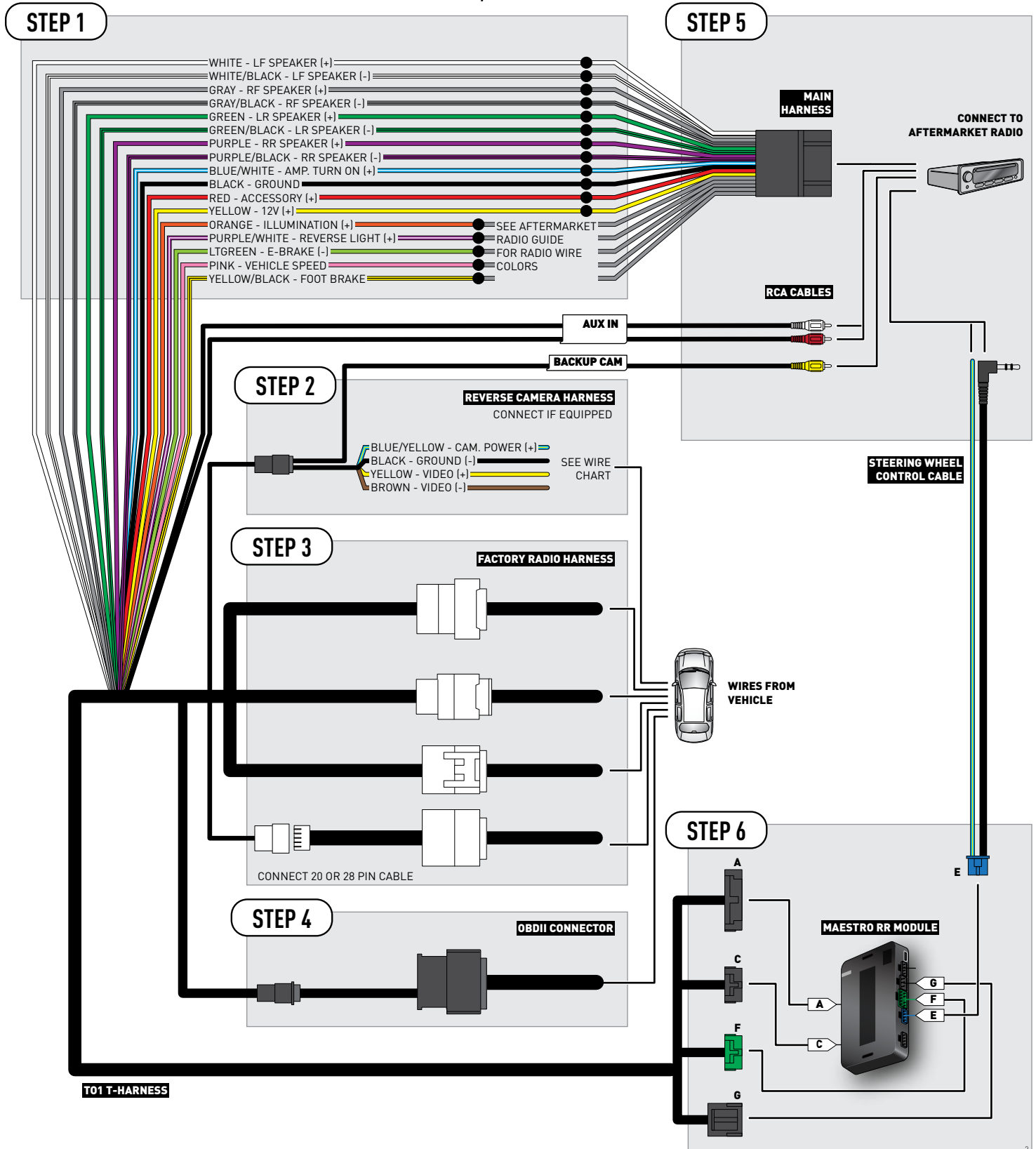
## STEP 6

- 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                        |

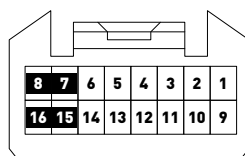
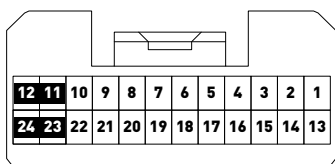
# VEHICLE WIRE REFERENCE CHART

| 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 YARIS 2007-2011

RETAINS FACTORY AMPLIFIER, STEERING WHEEL CONTROLS, AND MORE!



## PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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](mailto:maestro.support@adsdata.ca)**

 **[maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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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 steering wheel control cable into the aftermarket radio.

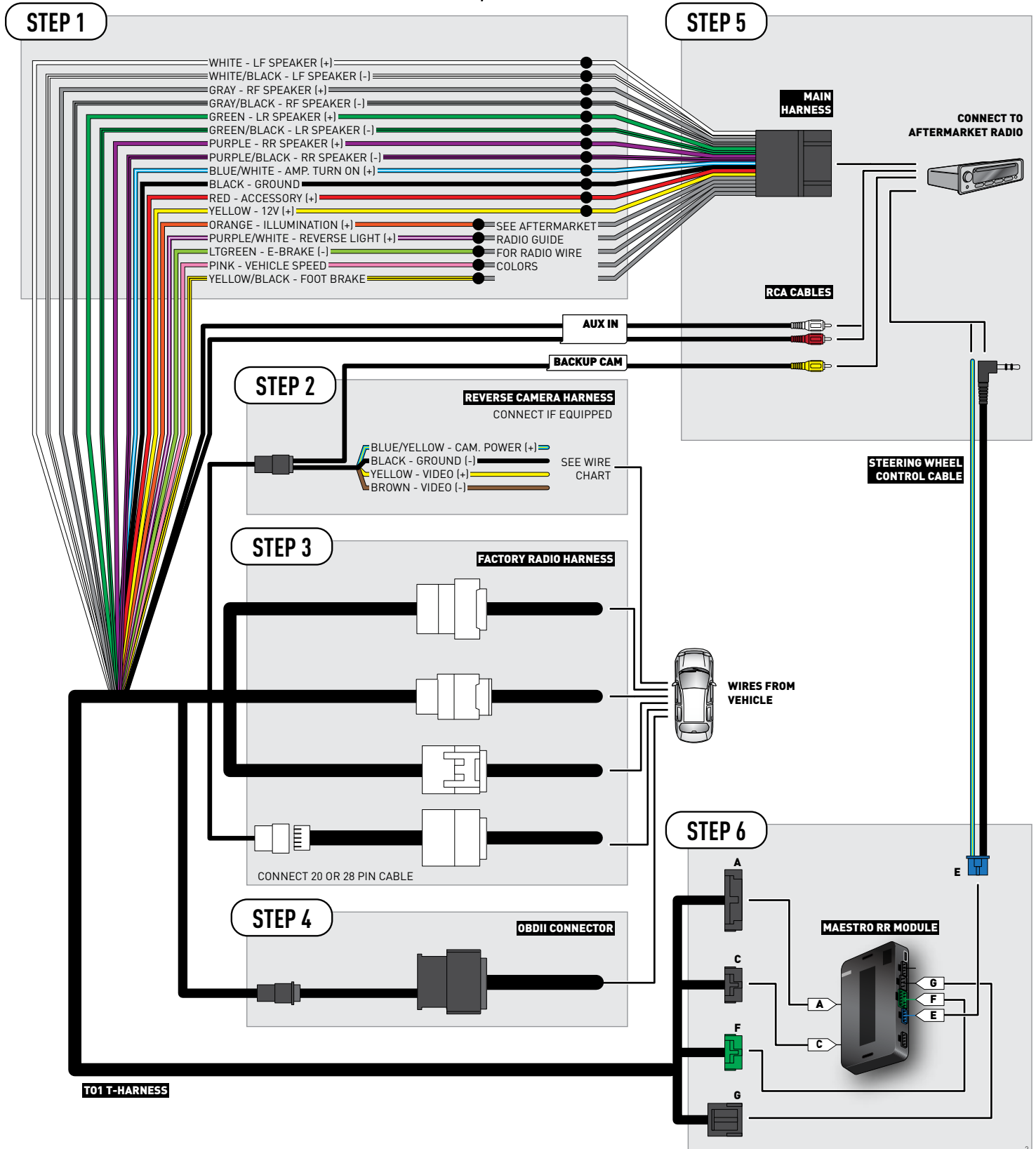
## STEP 6

- 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

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 T01 Installation Harness

## OPTIONAL ACCESSORIES

## PROGRAMMED FIRMWARE

ADS-RR(SR)-TOY01-AS

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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# 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 steering wheel control cable into the aftermarket radio.

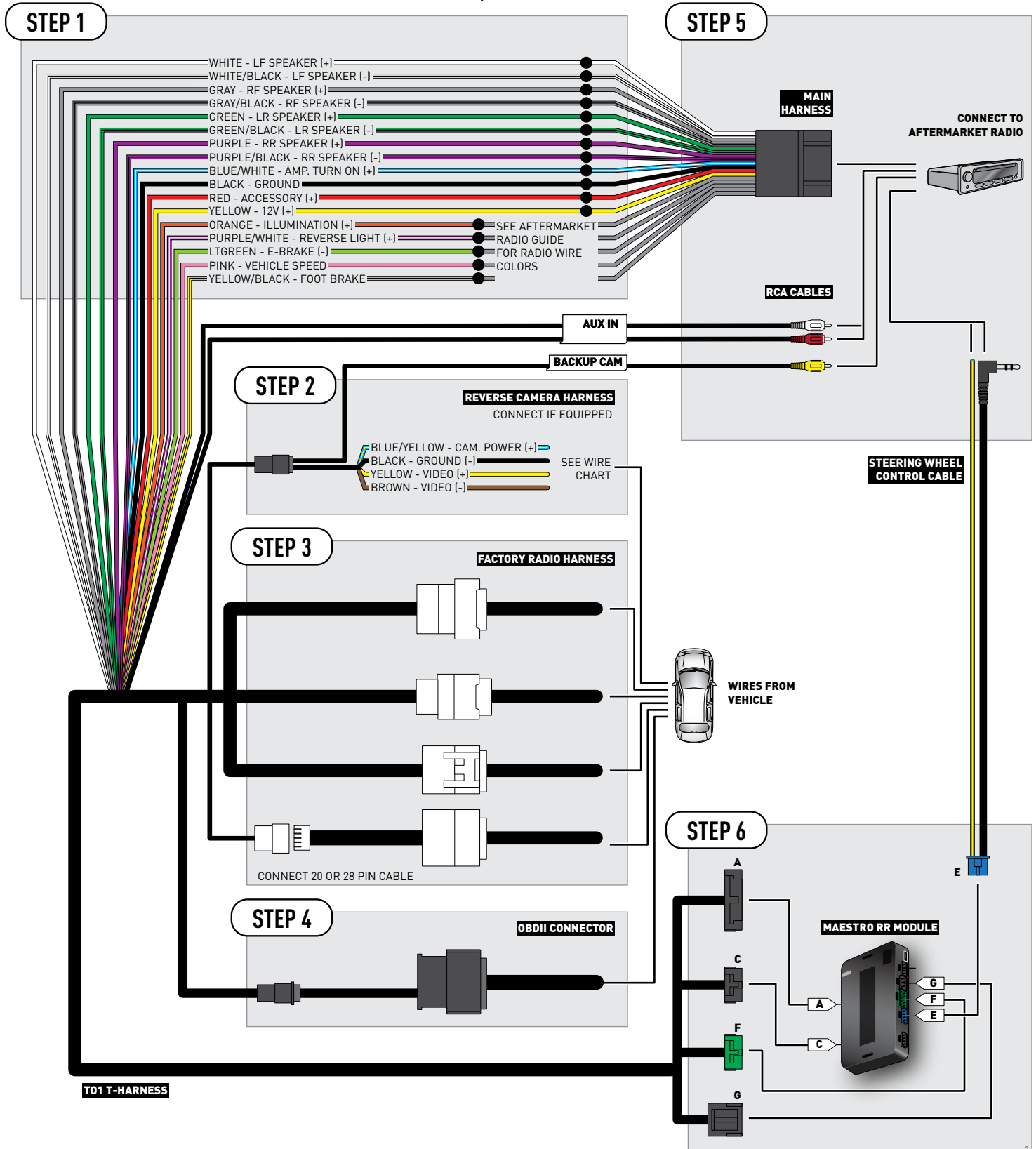
## STEP 6

- 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 *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