



## 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 FORD CMAX WITH 4.3" MYFORD SCREEN 2013-2016

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

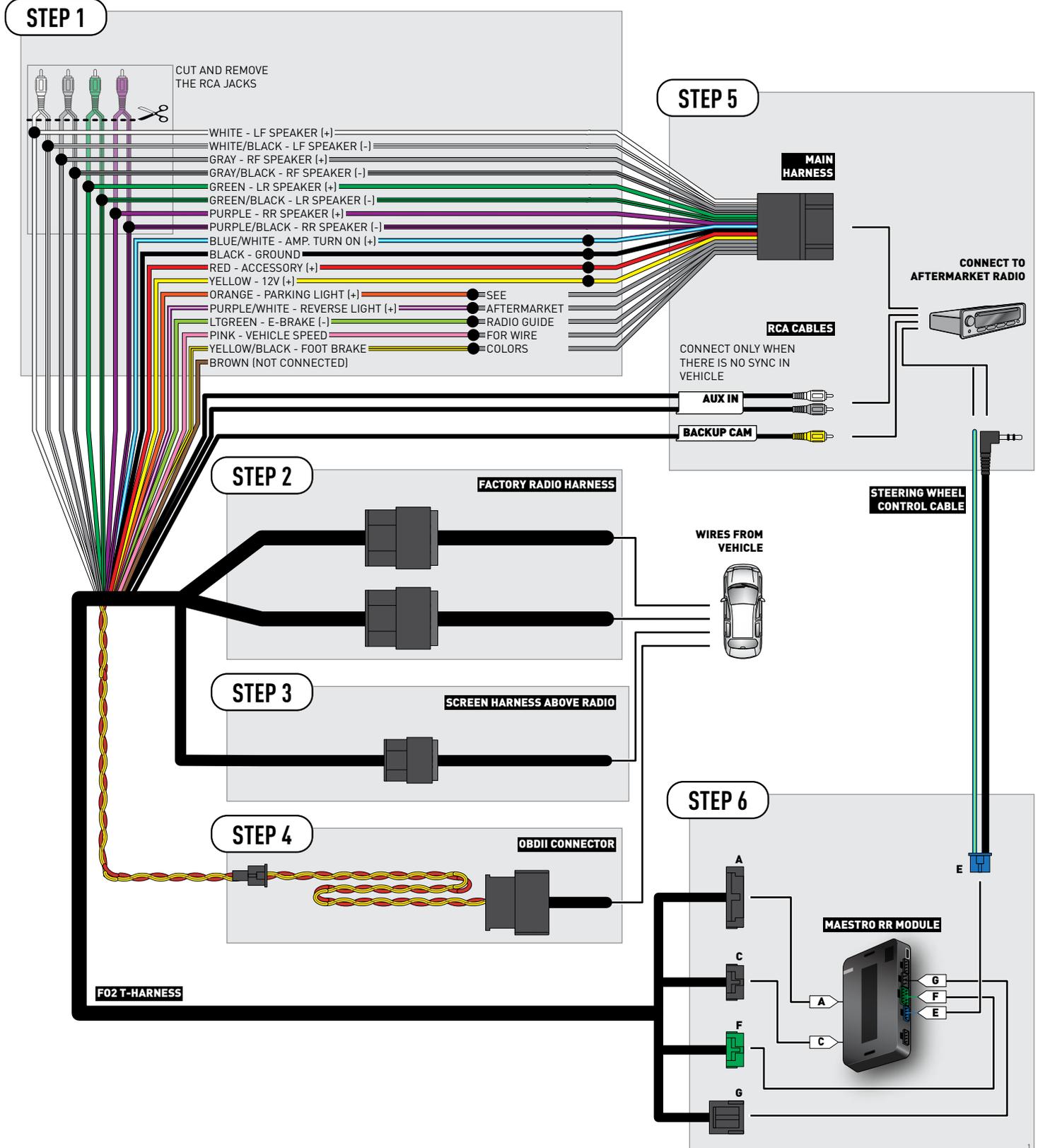
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD EDGE WITH 4.3" MYFORD SCREEN 2011-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

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## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

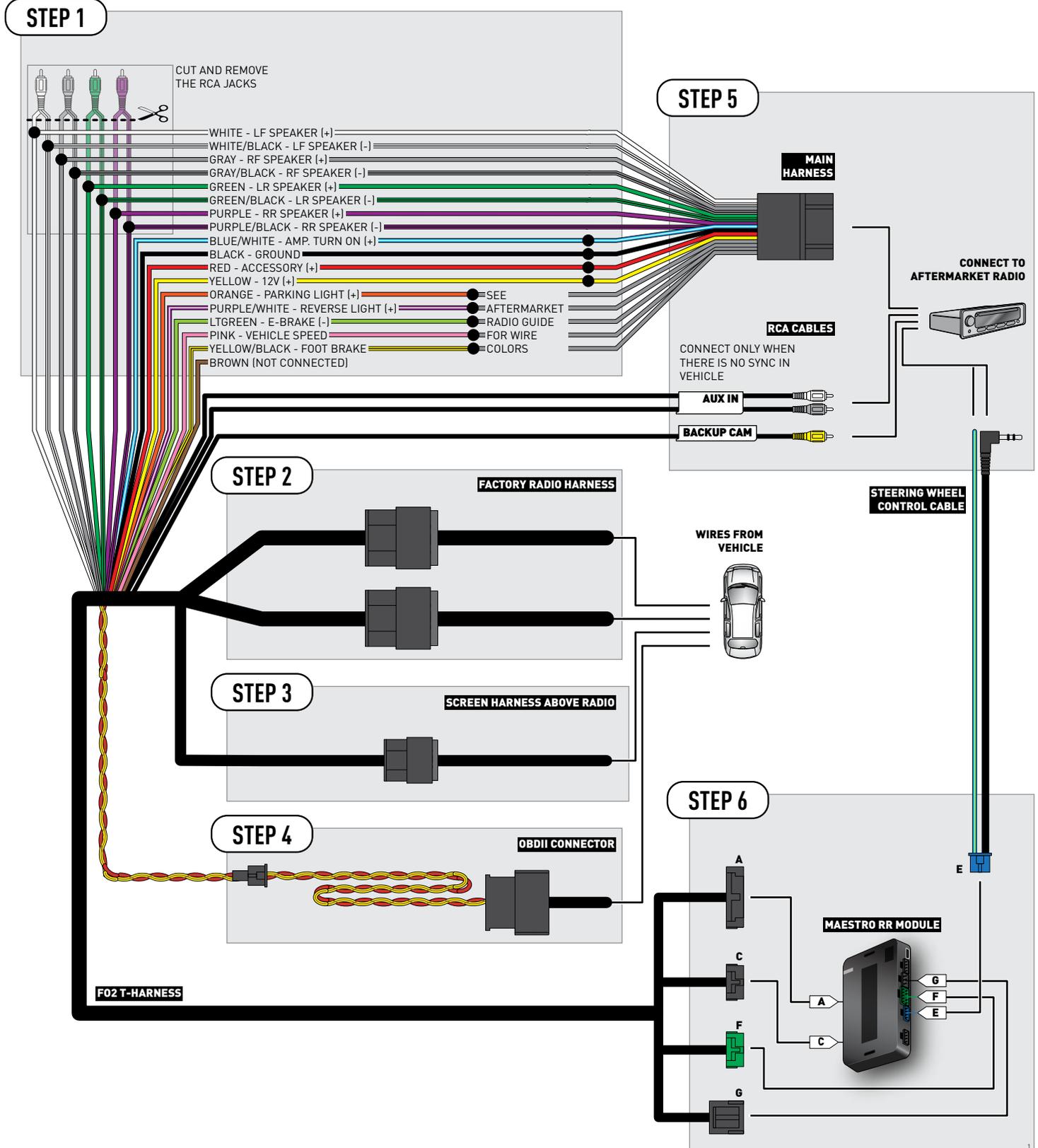
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD ESCAPE WITH 4.3" MYFORD SCREEN 2013-2015

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

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## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

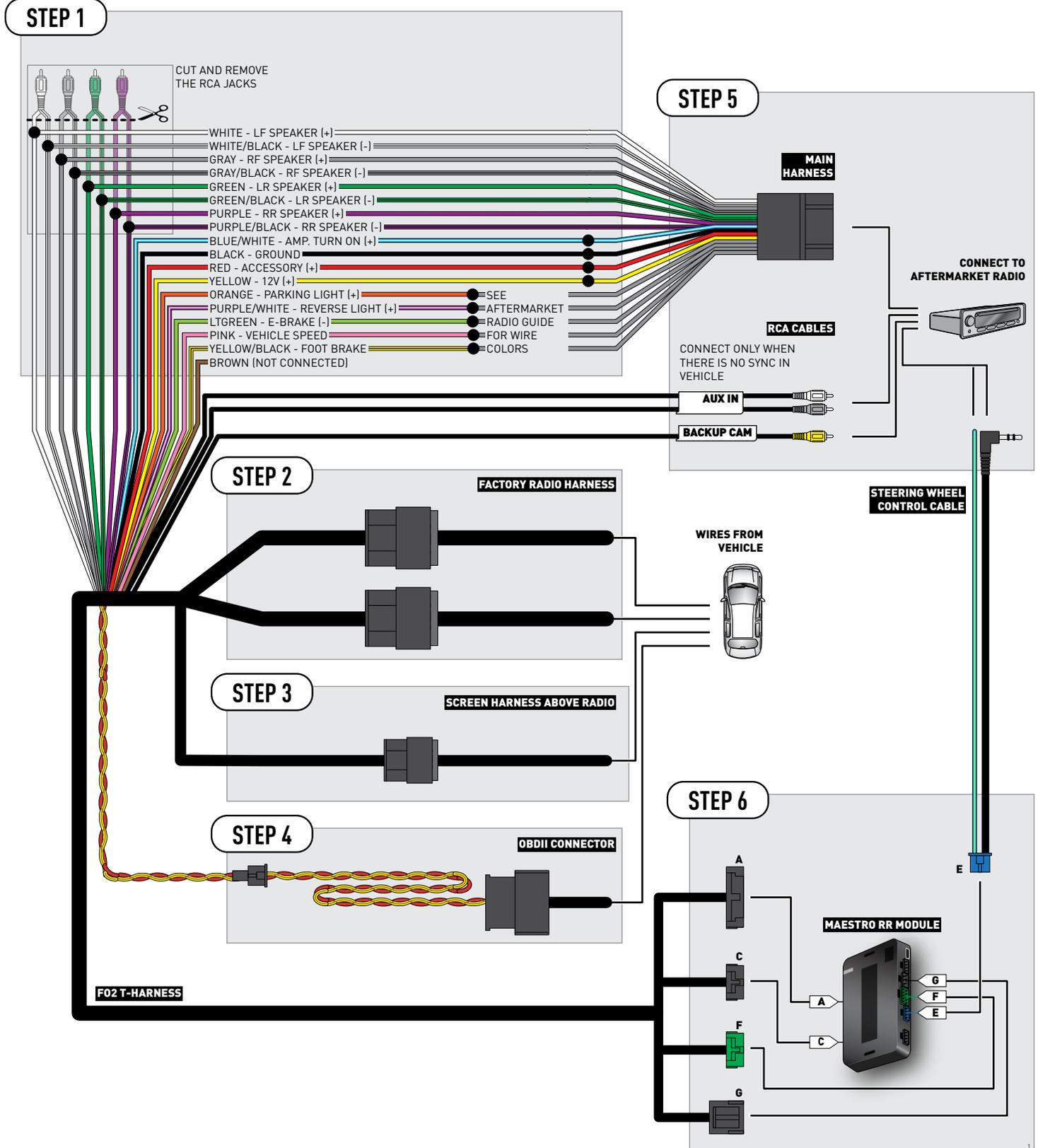
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD EXPLORER WITH 4.3" MYFORD SCREEN 2011-2015

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

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[www.12voltdata.com/forum](http://www.12voltdata.com/forum)

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

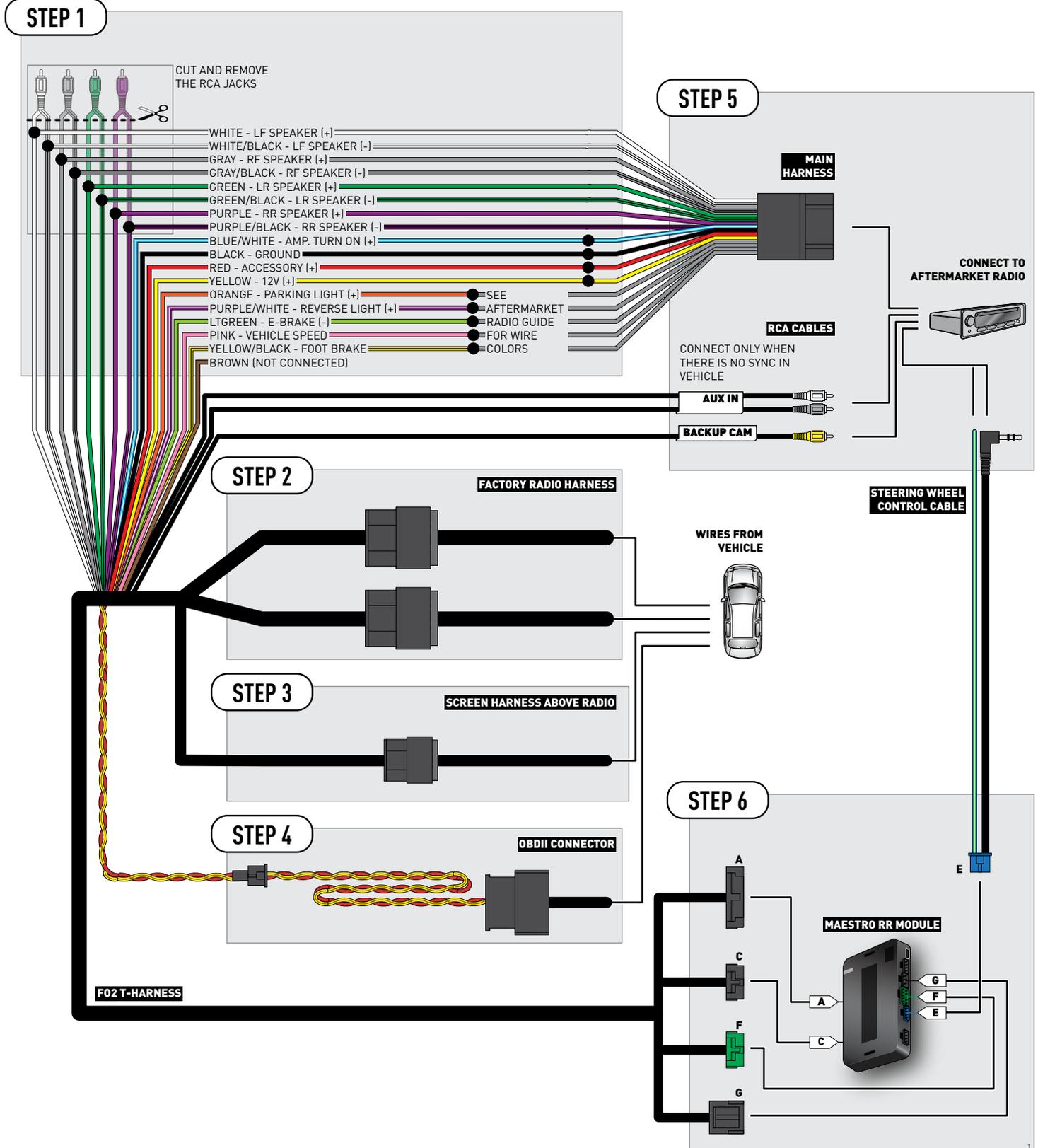
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD F150 WITH 4.3" MYFORD SCREEN 2013-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

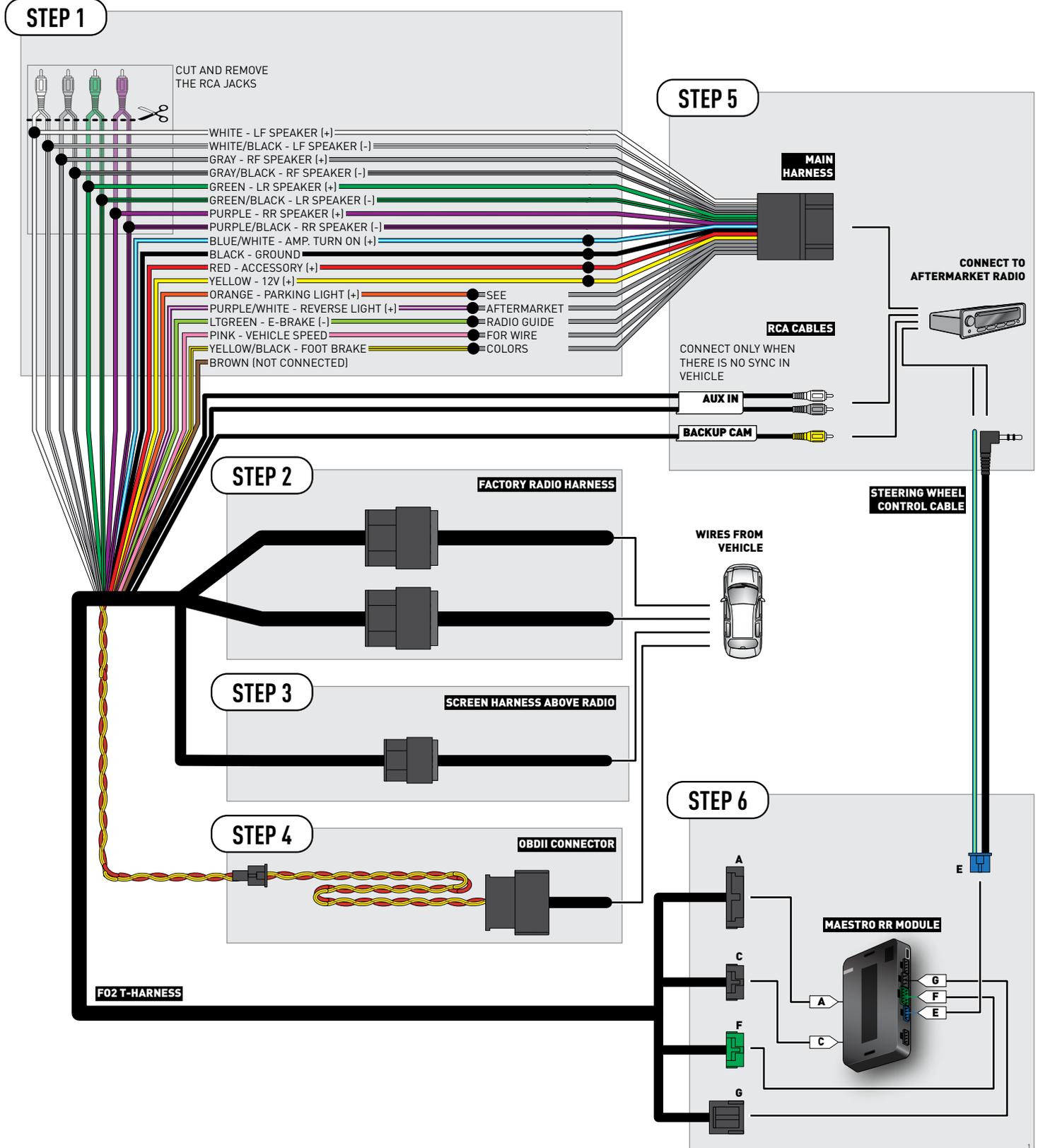
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD FLEX WITH 4.3" MYFORD SCREEN 2013-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

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## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## 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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# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD FOCUS WITH 4.3" MYFORD SCREEN 2012-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-AS

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# WELCOME

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

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## DURING INSTALLATION

Installation Instructions	<b>3</b>
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Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

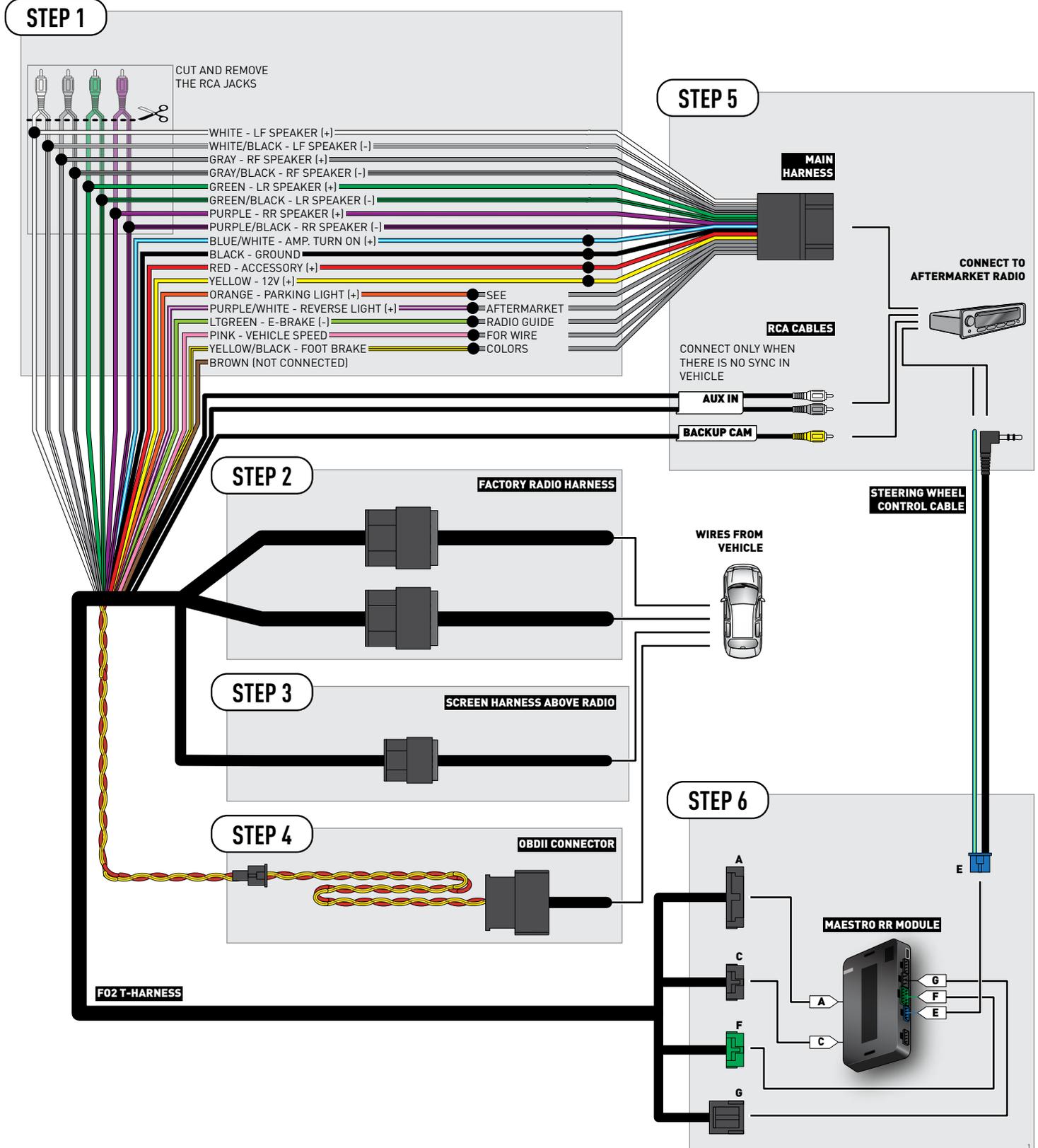
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD TAURUS WITH 4.3" MYFORD SCREEN 2013-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

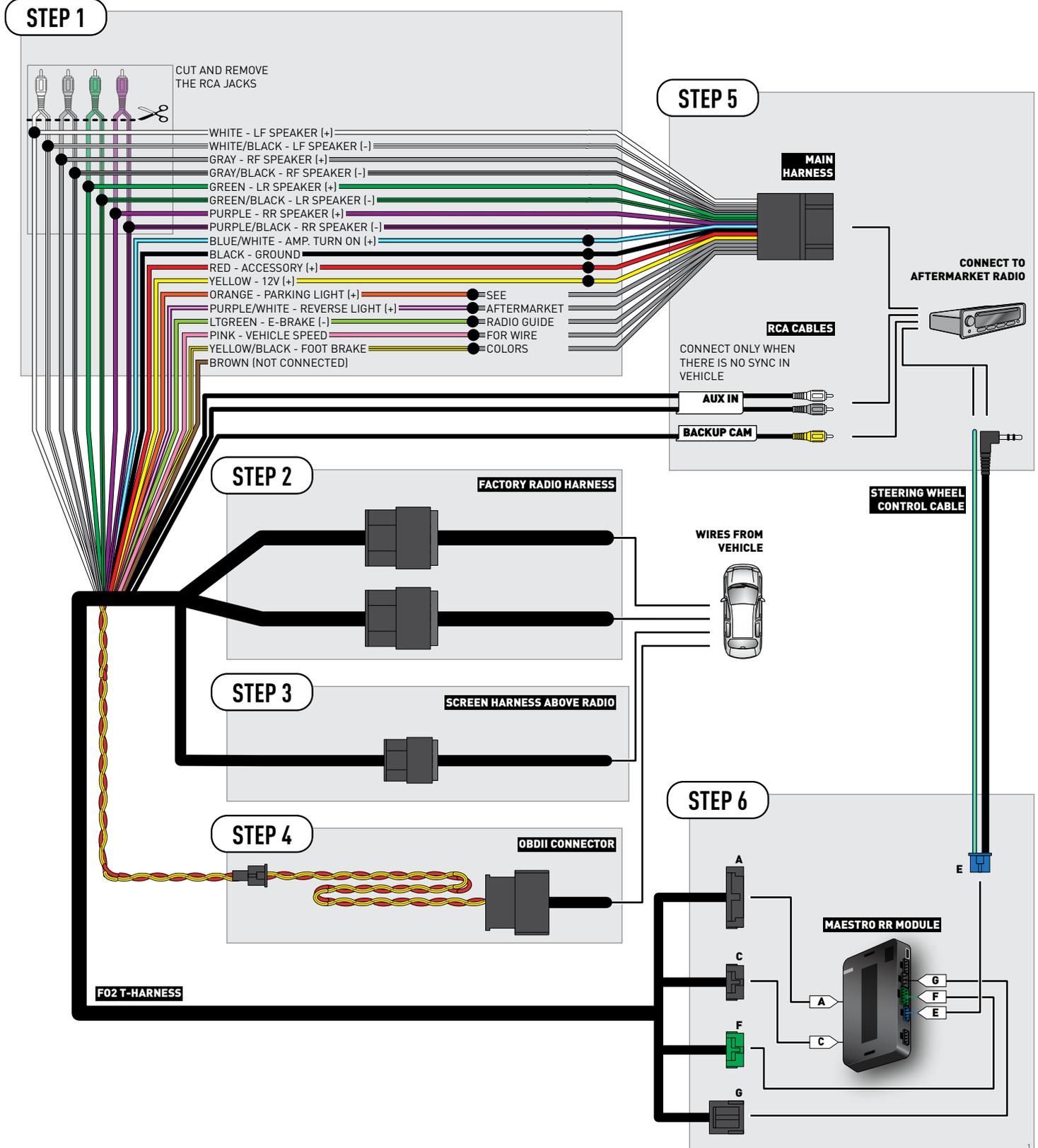
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD TRANSIT CONNECT WITH 4.3" MYFORD SCREEN 2014-2016

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

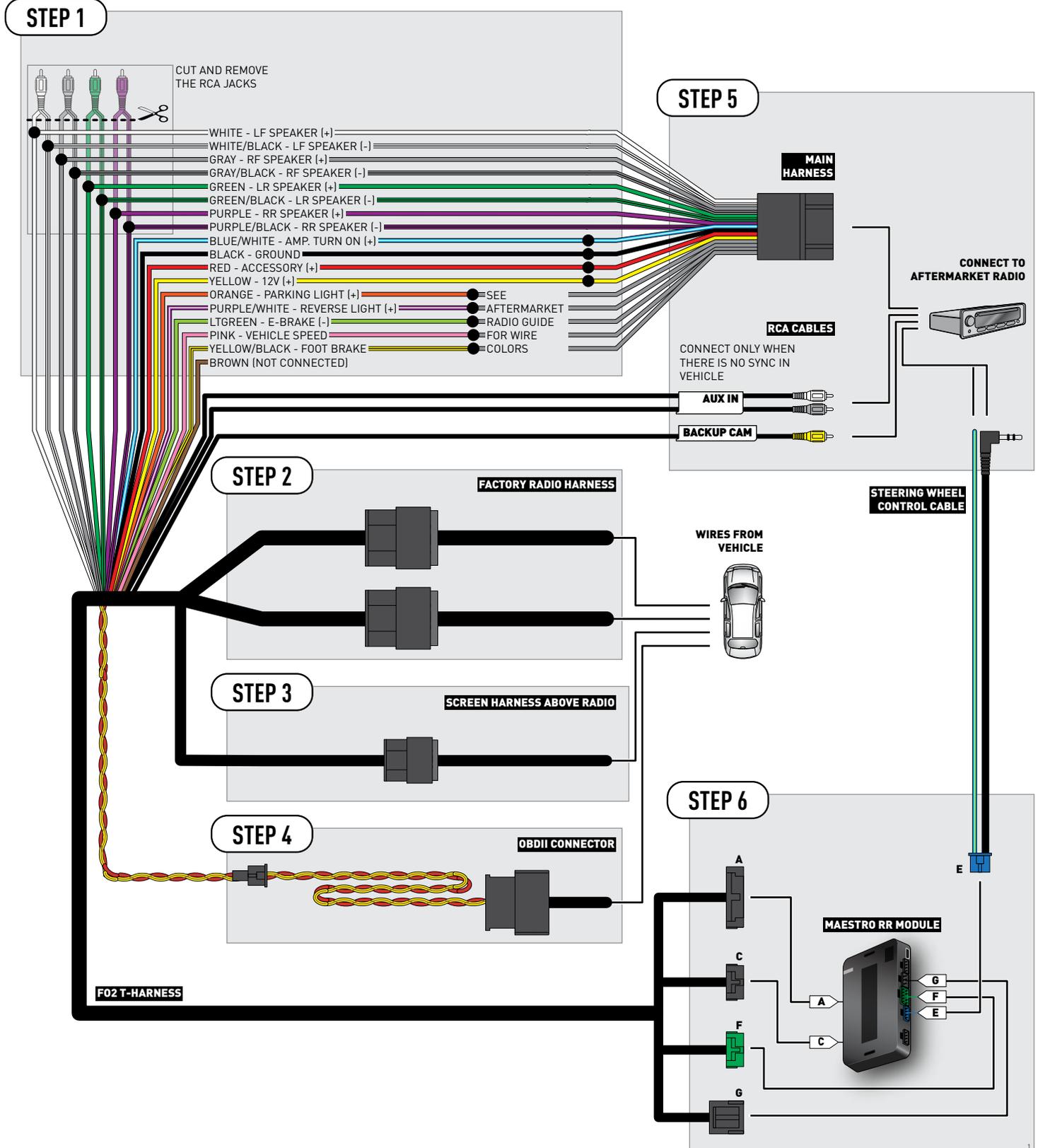
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD TRANSIT WITH 4.3" MYFORD SCREEN 2015-2016

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

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## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 3

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

## STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.

## STEP 5

- Connect the 4 pin blue plug to the maestro and the other end to the aftermarket radio. For Kenwood and JVC use the BLUE/YELLOW wire, all other radios use the 3.5 jack.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

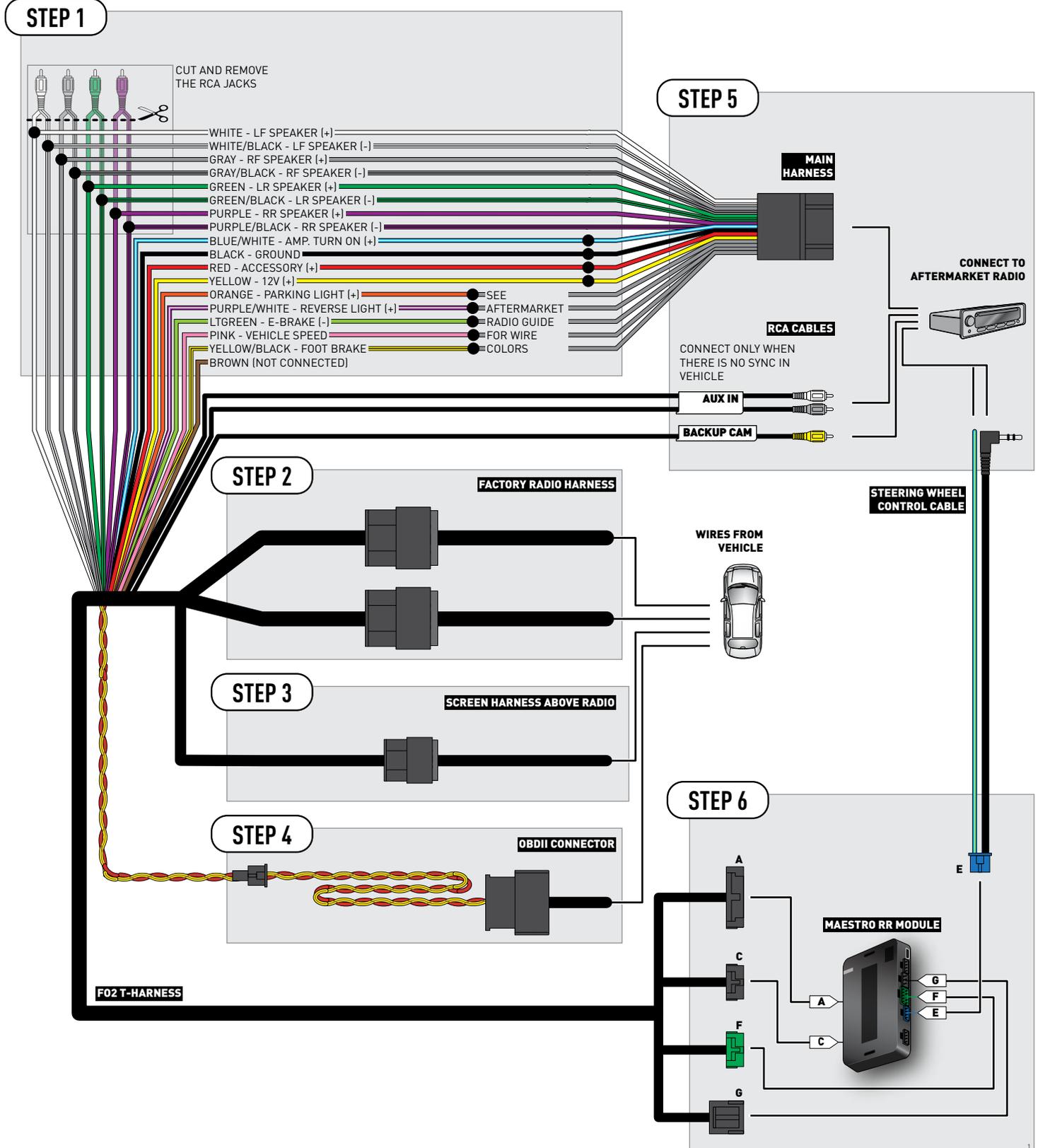
**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



## 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 FORD CMAX WITH 4.3" MYFORD SCREEN 2013-2016

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

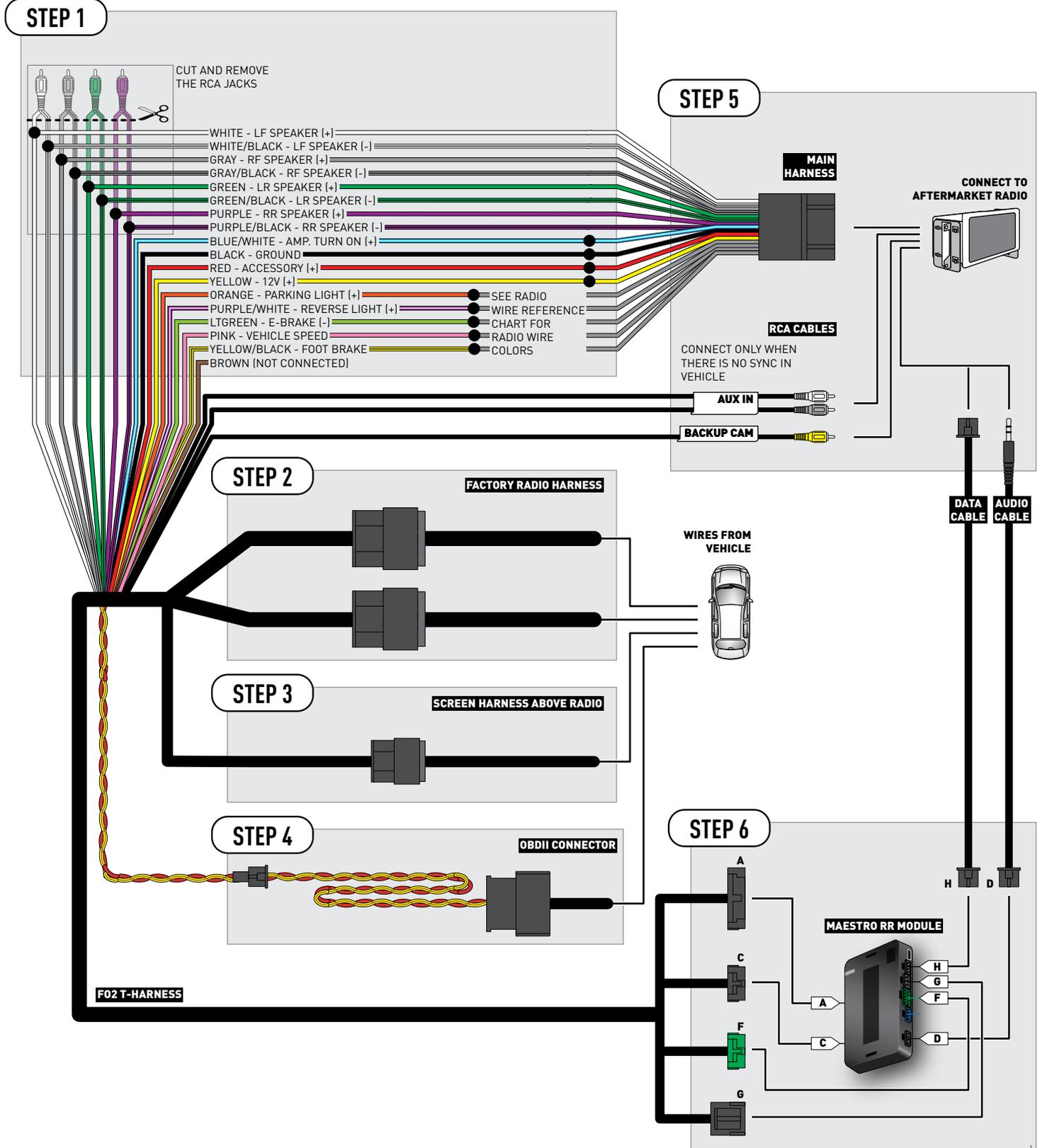
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD EDGE WITH 4.3" MYFORD SCREEN 2011-2014

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

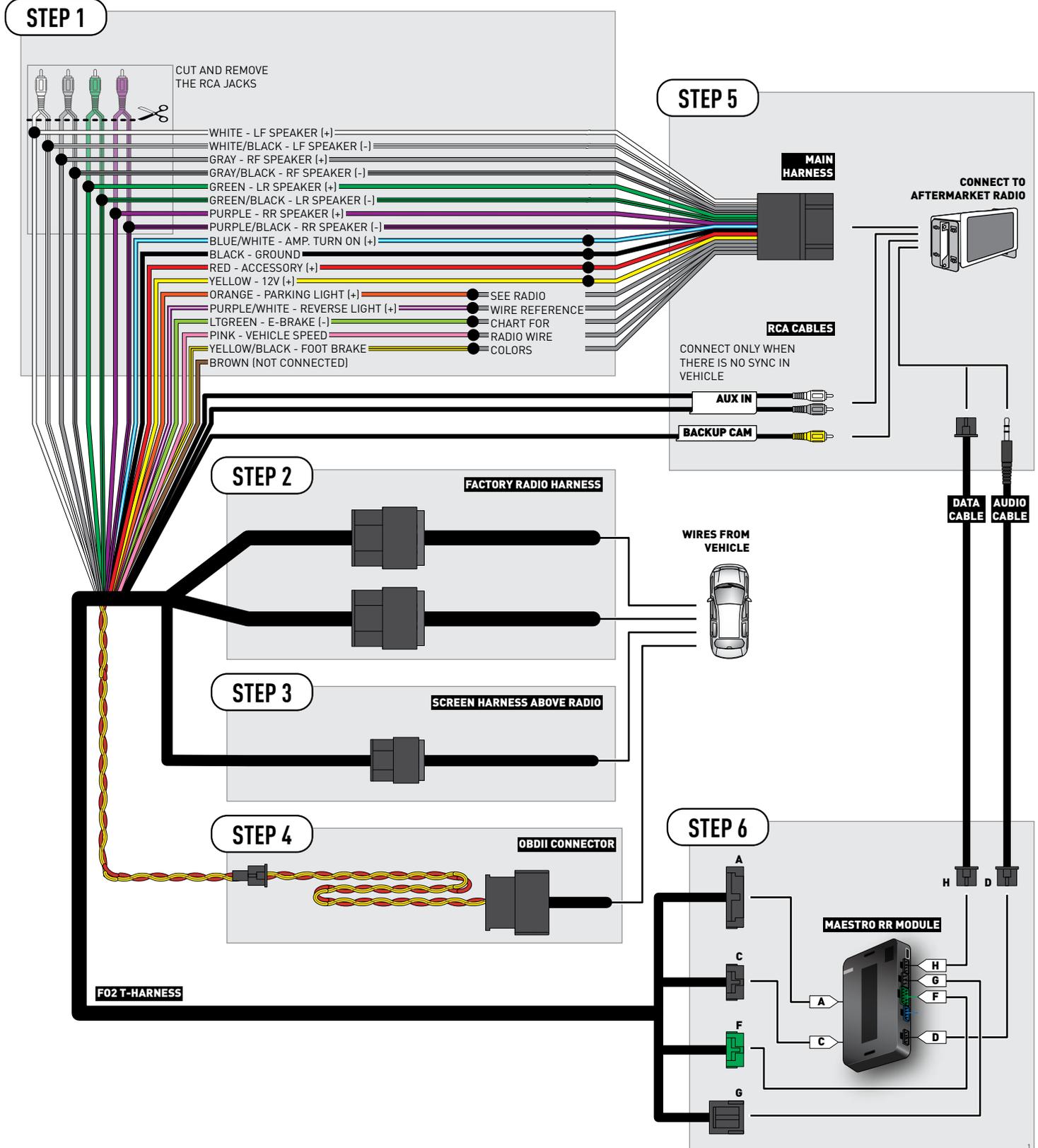
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD ESCAPE WITH 4.3" MYFORD SCREEN 2013-2015

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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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 and that you carefully review the Installation Diagram and Vehicle Wire Reference Chart.

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

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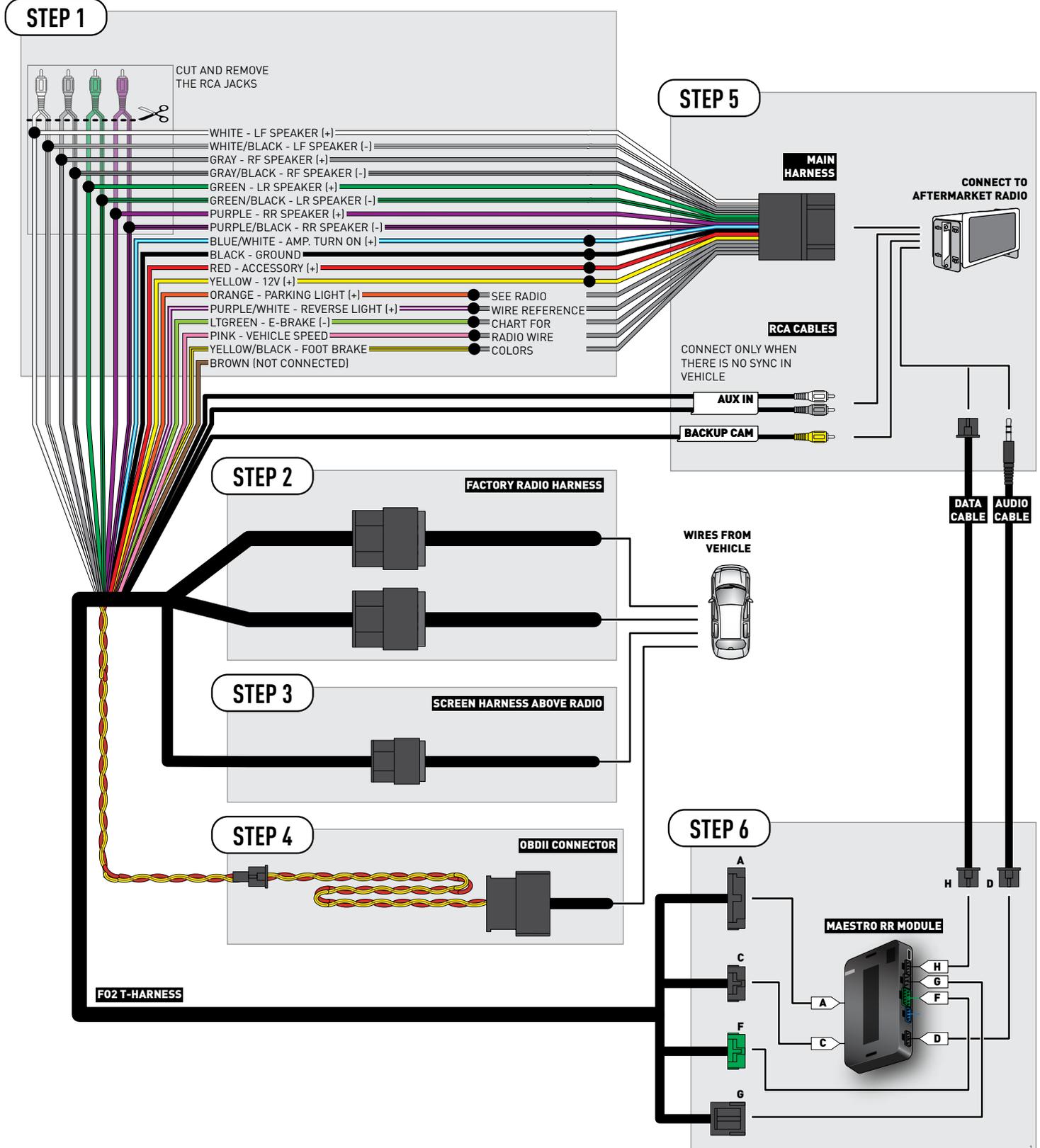
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### TROUBLESHOOTING TIPS:

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



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD EXPLORER WITH 4.3" MYFORD SCREEN 2011-2015

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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# WELCOME

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# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

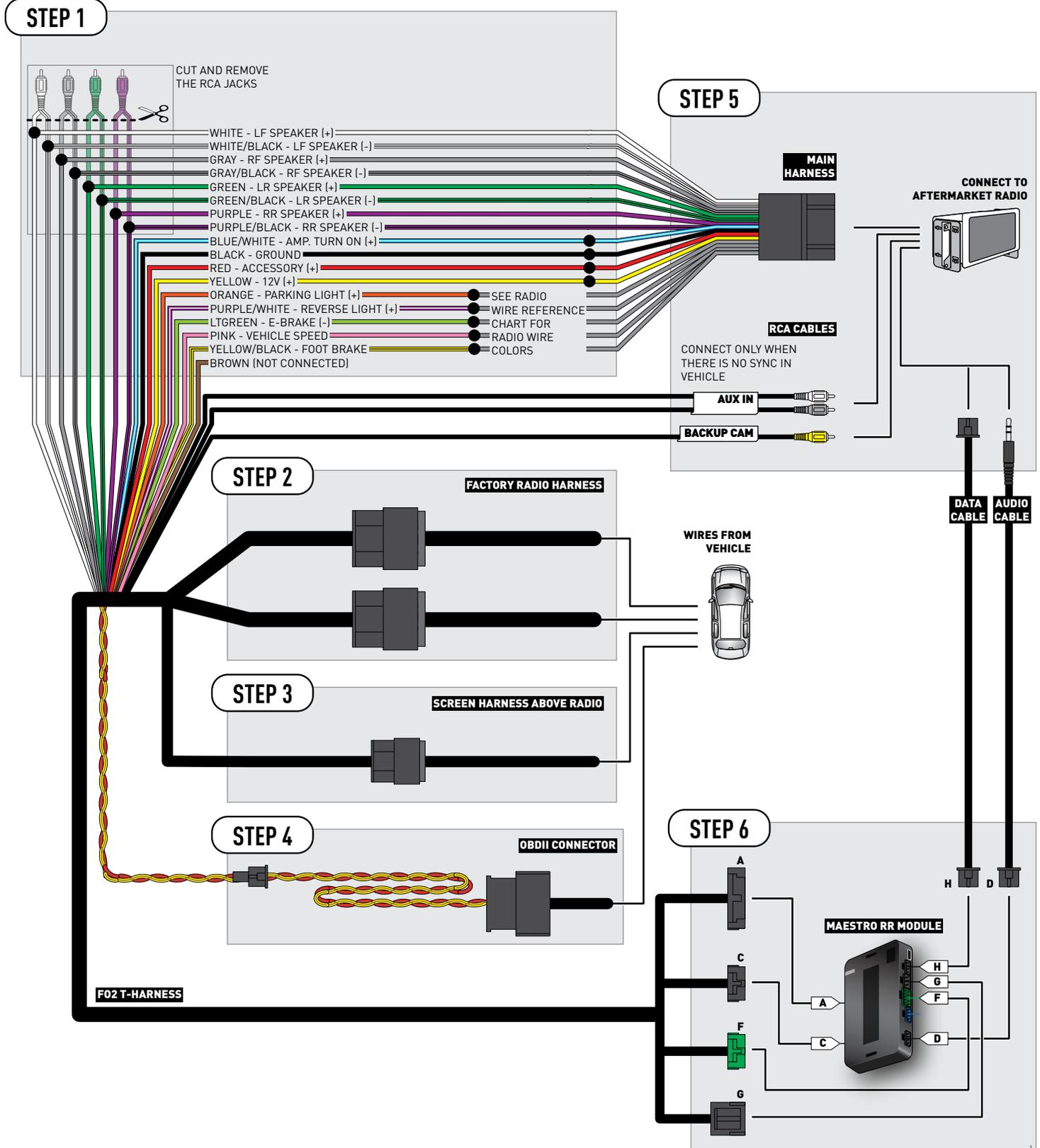
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD F150 WITH 4.3" MYFORD SCREEN 2013-2014

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 **[support@idatalink.com](mailto:support@idatalink.com)**

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

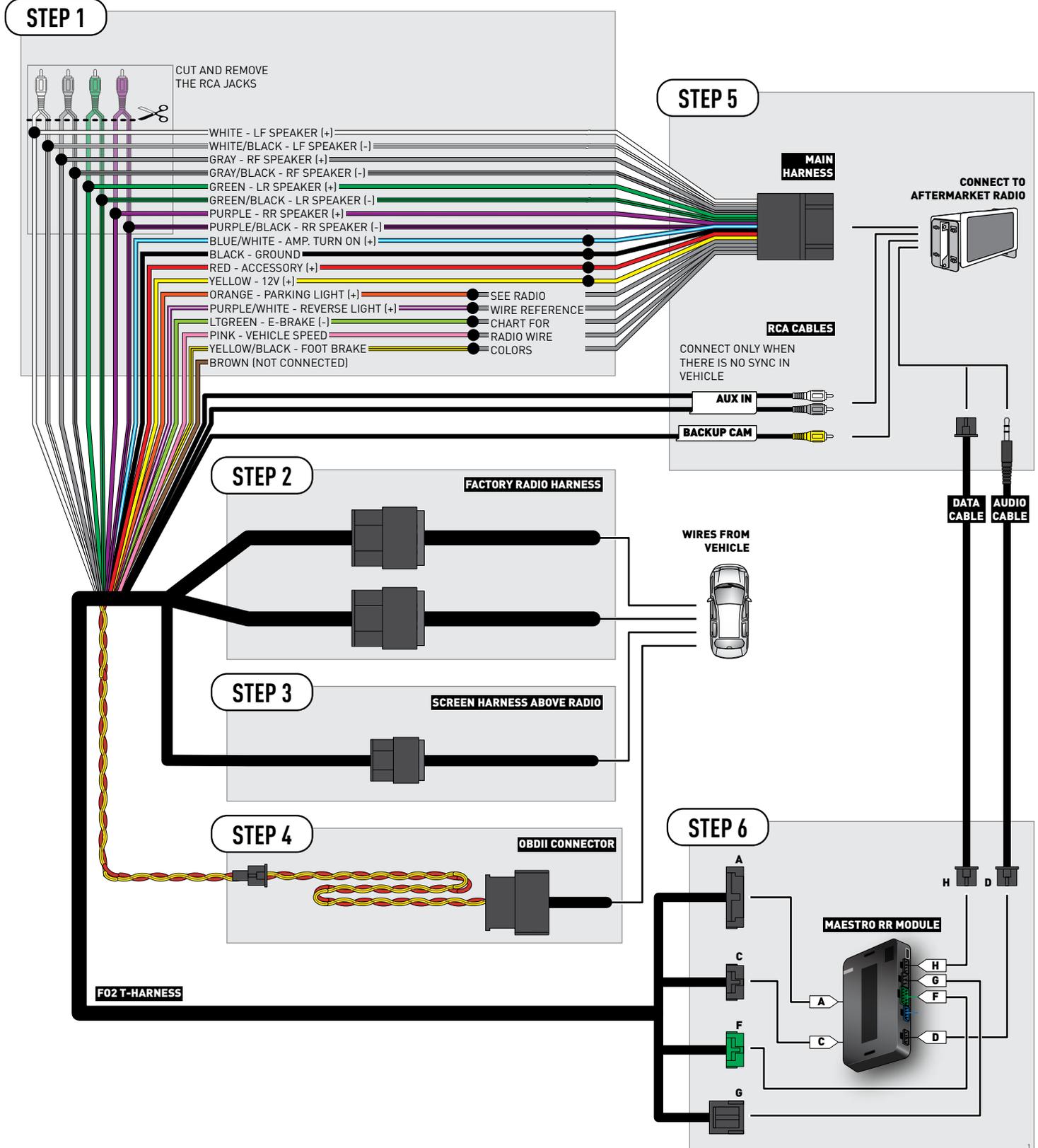
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD FLEX WITH 4.3" MYFORD SCREEN 2013-2014

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 **[support@idatalink.com](mailto:support@idatalink.com)**

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

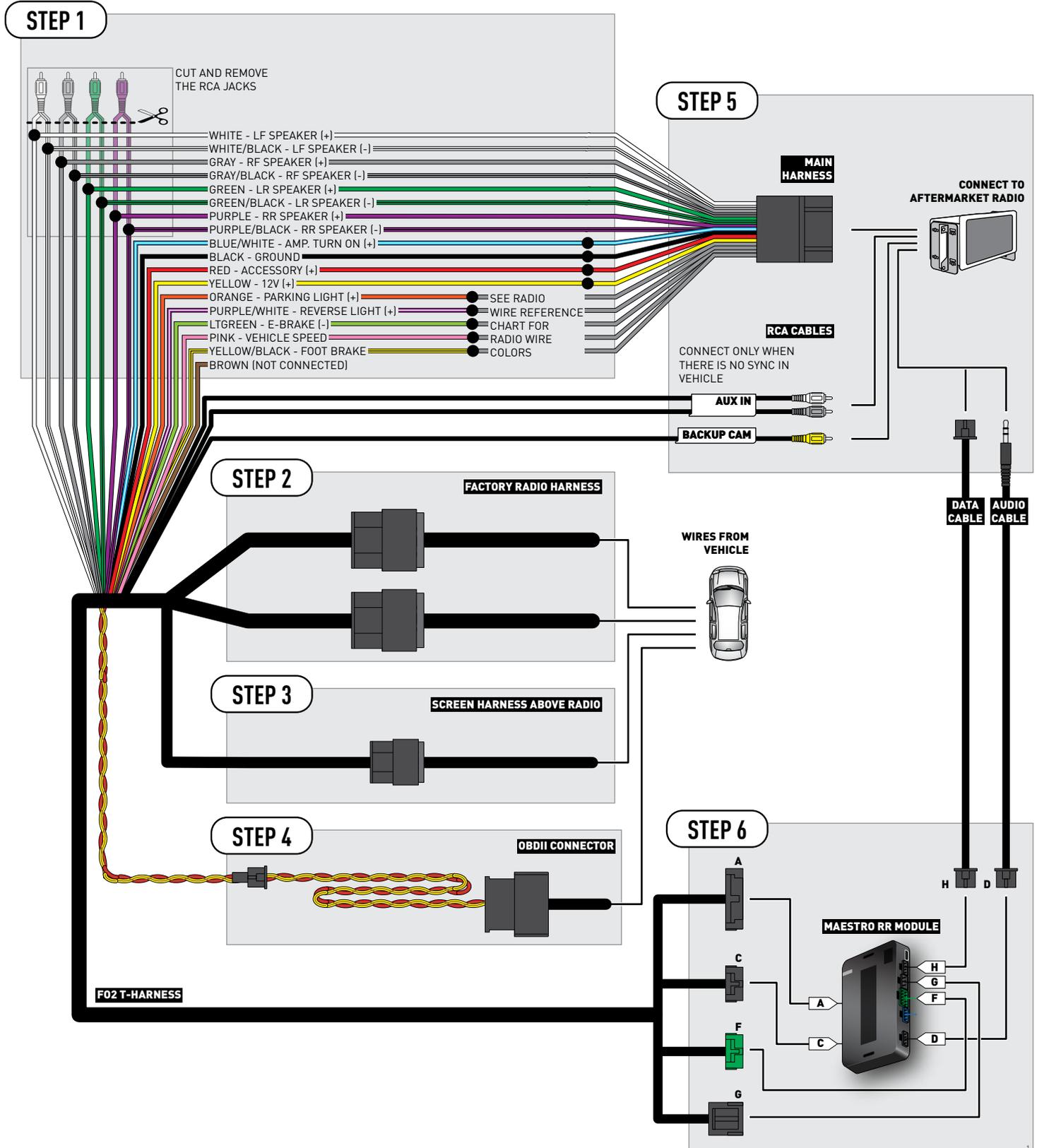
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD FOCUS WITH 4.3" MYFORD SCREEN 2012-2014

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

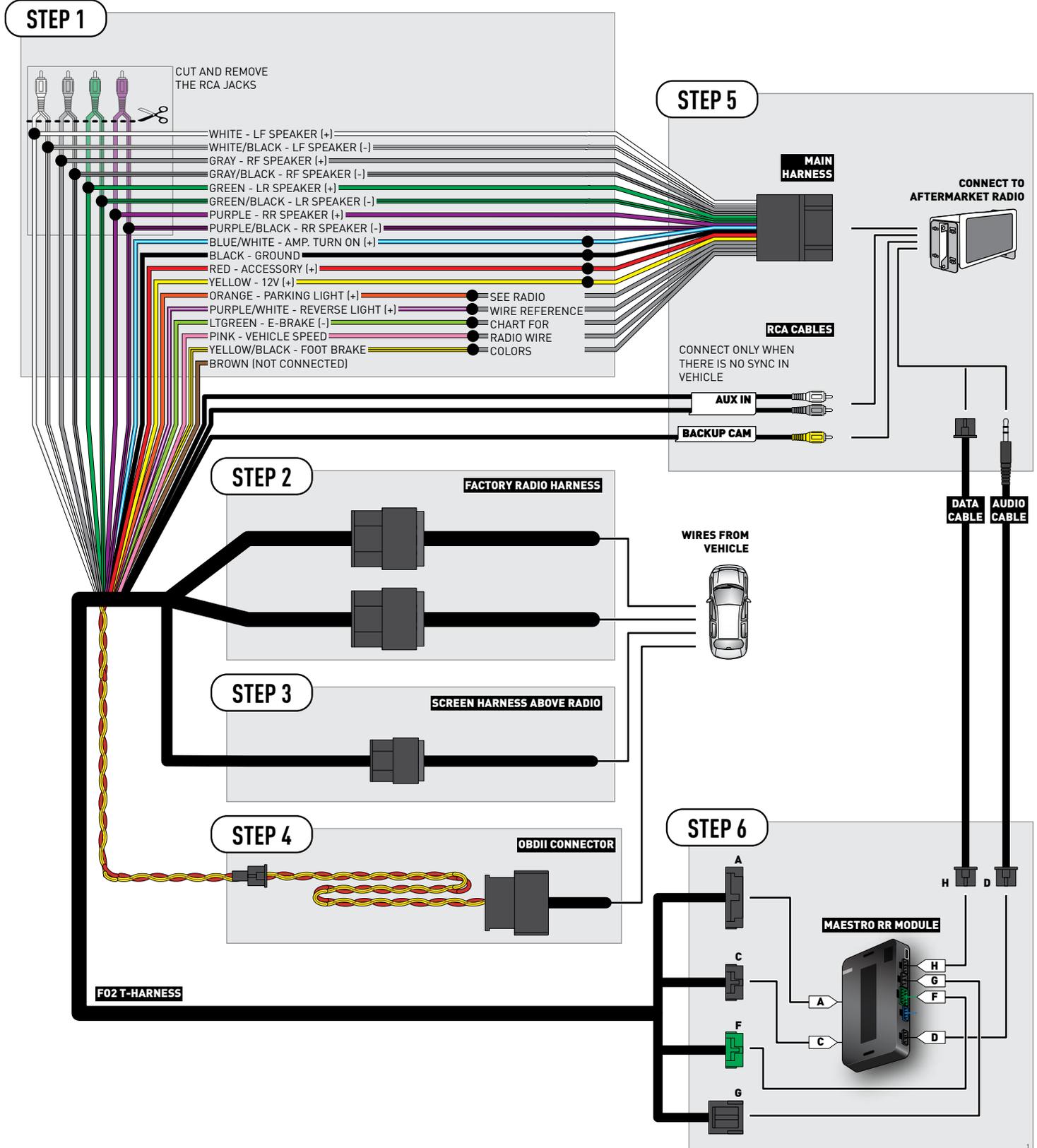
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD TAURUS WITH 4.3" MYFORD SCREEN 2013-2014

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 **[support@idatalink.com](mailto:support@idatalink.com)**

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

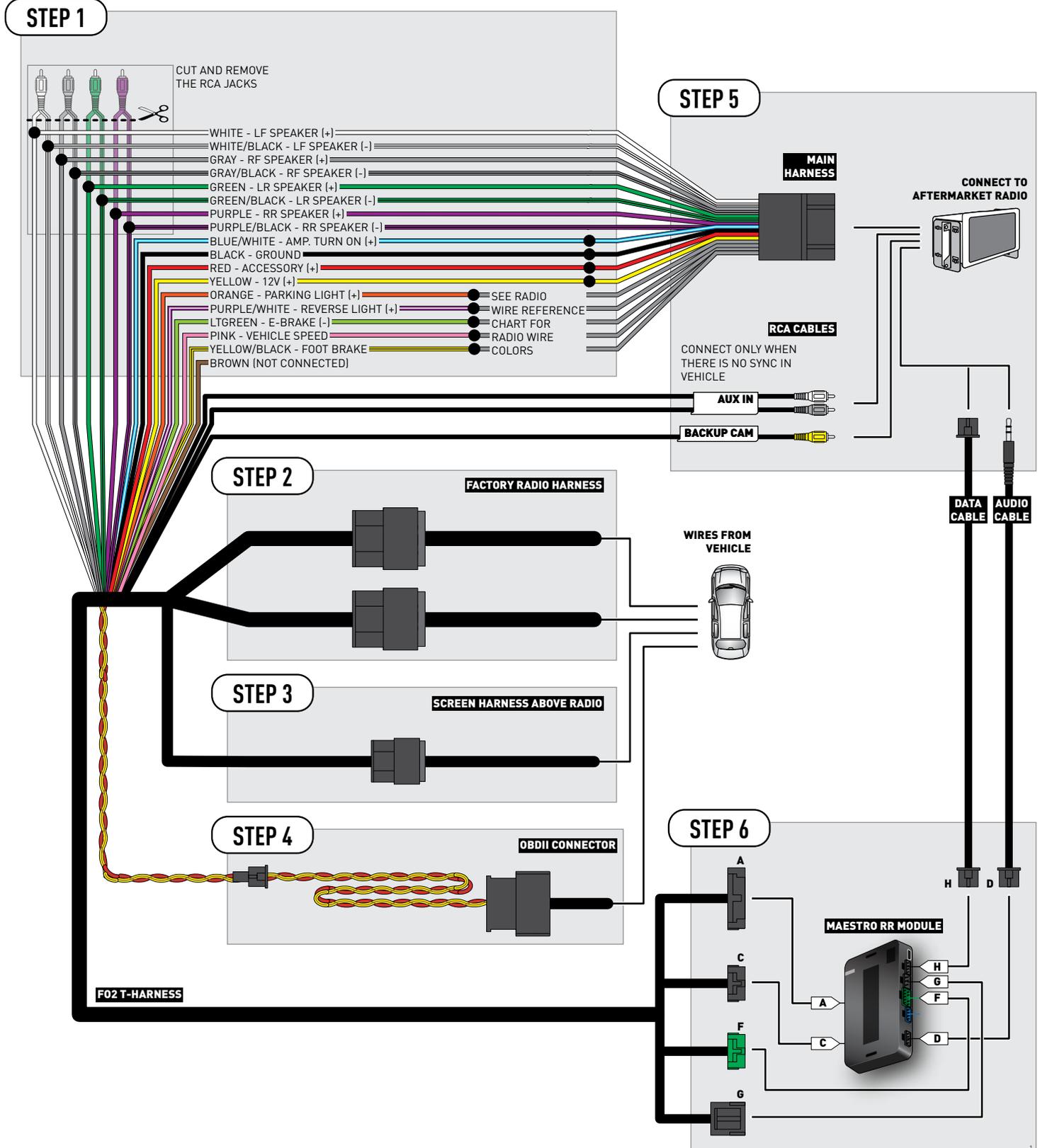
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD TRANSIT CONNECT WITH 4.3" MYFORD SCREEN 2014-2016

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 **support@idatalink.com**

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

## DURING INSTALLATION

Installation Instructions	<b>3</b>
Wiring Diagram	<b>4</b>
Radio Wire Reference Chart	<b>5</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 F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

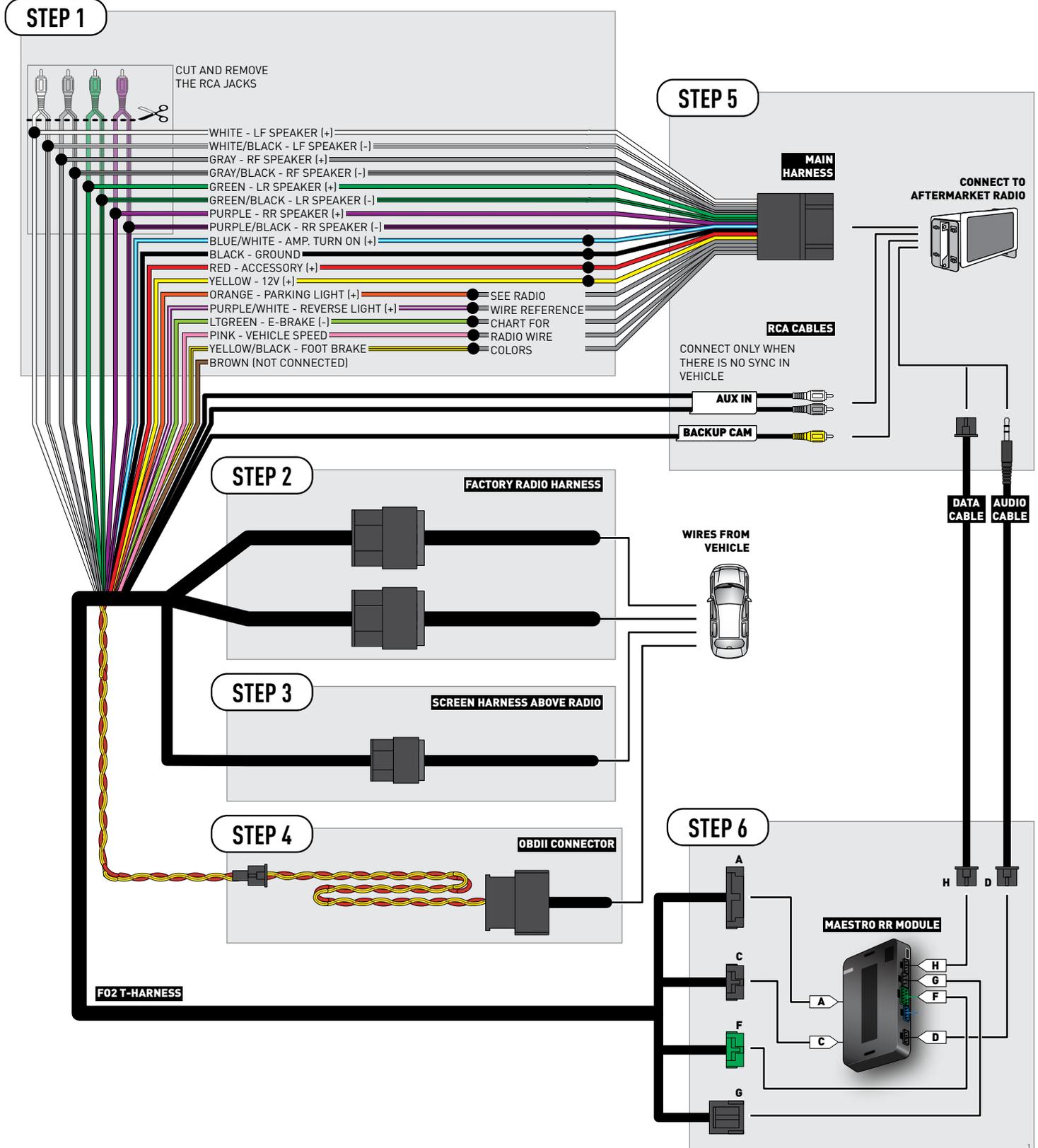
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



# INSTALL GUIDE FORD TRANSIT WITH 4.3" MYFORD SCREEN 2015-2016

RETAINS STEERING WHEEL CONTROLS, SYNC AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface  
iDatalink Maestro FO2 Installation Harness

#### OPTIONAL ACCESSORIES

None

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02-DS

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

# WELCOME

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

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

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

# NEED HELP?

 **1 866 427-2999**

 [support@idatalink.com](mailto:support@idatalink.com)

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

## DURING INSTALLATION

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires shown on the next page from aftermarket radio main harness to the F02 T-harness and match the wire functions.

## STEP 2

- Connect the factory harness to the F02 T-harness.

## STEP 3

- Connect the screen harness to the F02 T-harness.

## STEP 4

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

## STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Connect the auxiliary and backup camera RCA cables into the aftermarket radio (if equipped).
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.

## STEP 6

- Connect all the harnesses to the Maestro RR module then proceed to module setup.

**The module is now ready to be used.**

**Insert the aftermarket radio in the dashboard housing and test all the functionalities.**

**Reassemble the dashboard carefully.**

## OEM BLUETOOTH SETUP

Only one Bluetooth can be set for hands free calling. This must be determined before installation. Both the factory and after systems can be used for bluetooth audio streaming. If the aftermarket Bluetooth is chosen for hands free calling, the aftermarket microphone must be installed in the vehicle

### 2013 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned OFF by default. To turn ON the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The Radio will turn on and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select ON. Press the return arrow then scroll to the bottom of the page select FINISH.

### 2014 Kenwood Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the setup screen will appear. Scroll to the bottom and select the vehicle set up menu by pressing SET. Go to the option OEM Bluetooth and select OFF.

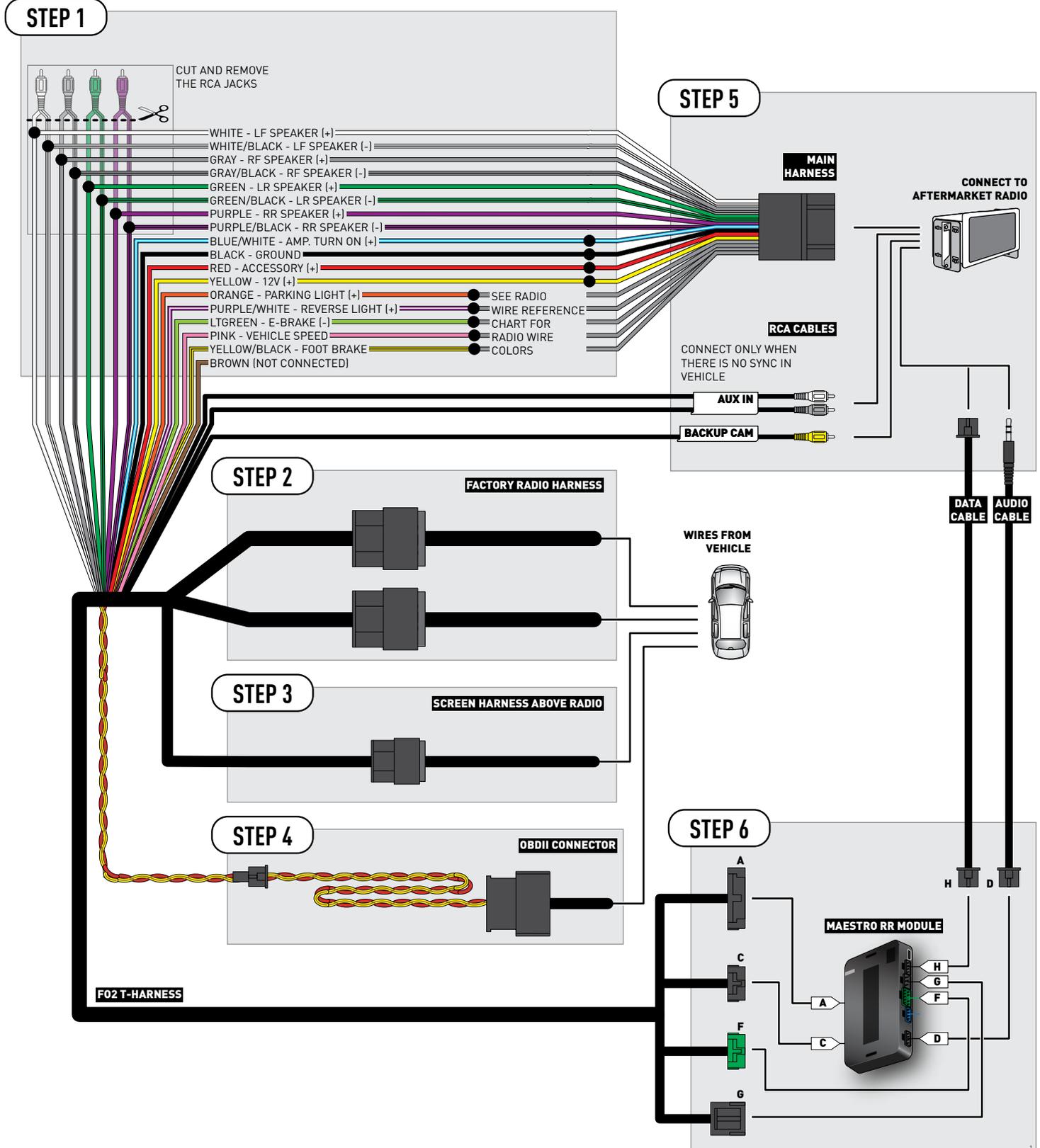
### 2014 Alpine Radios:

For these radio models, the OEM Bluetooth is turned ON by default. To turn OFF the OEM Bluetooth, insert the key into the ignition and turn it to the ACC position. The radio will turn ON and the main screen will appear. Select the settings button, in the top right corner, then select GENERAL. Select INTEGRATION SETUP then select HANDS FREE CONNECTION. Two options will be available ON or OFF, select OFF.

### TROUBLESHOOTING TIPS:

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

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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



## HOW TO USE THIS INSTALL GUIDE

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

## WARNING

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

iDataLINK Maestro RR or RR2 Radio Replacement Interface  
iDataLINK Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

#### OPTIONAL ACCESSORIES

**K40**<sup>™</sup>  
ELECTRONICS  
**ESCORT**

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

# 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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 [maestro.idatalink.com/support](http://maestro.idatalink.com/support)  
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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

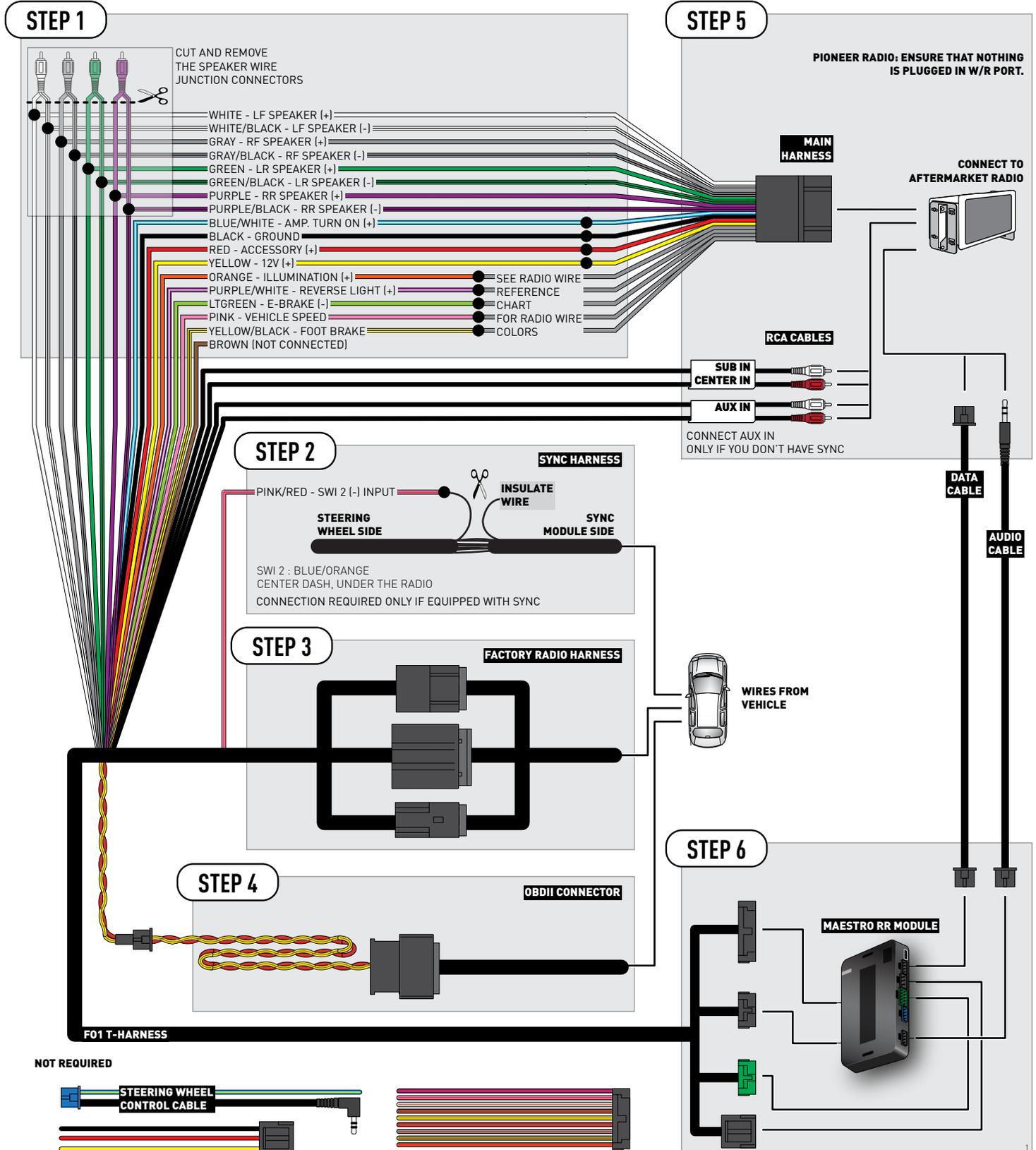
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

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#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

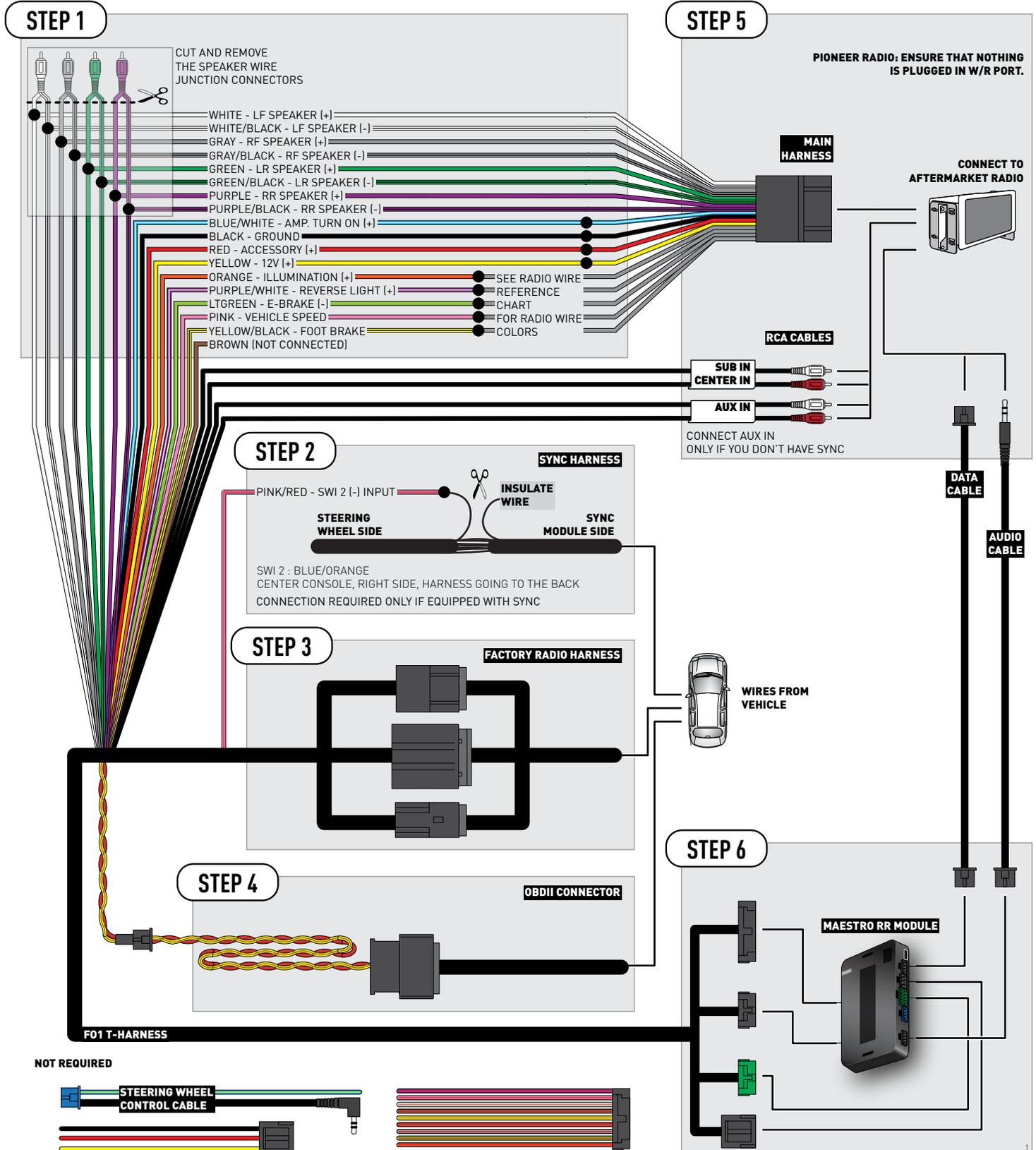
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



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#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

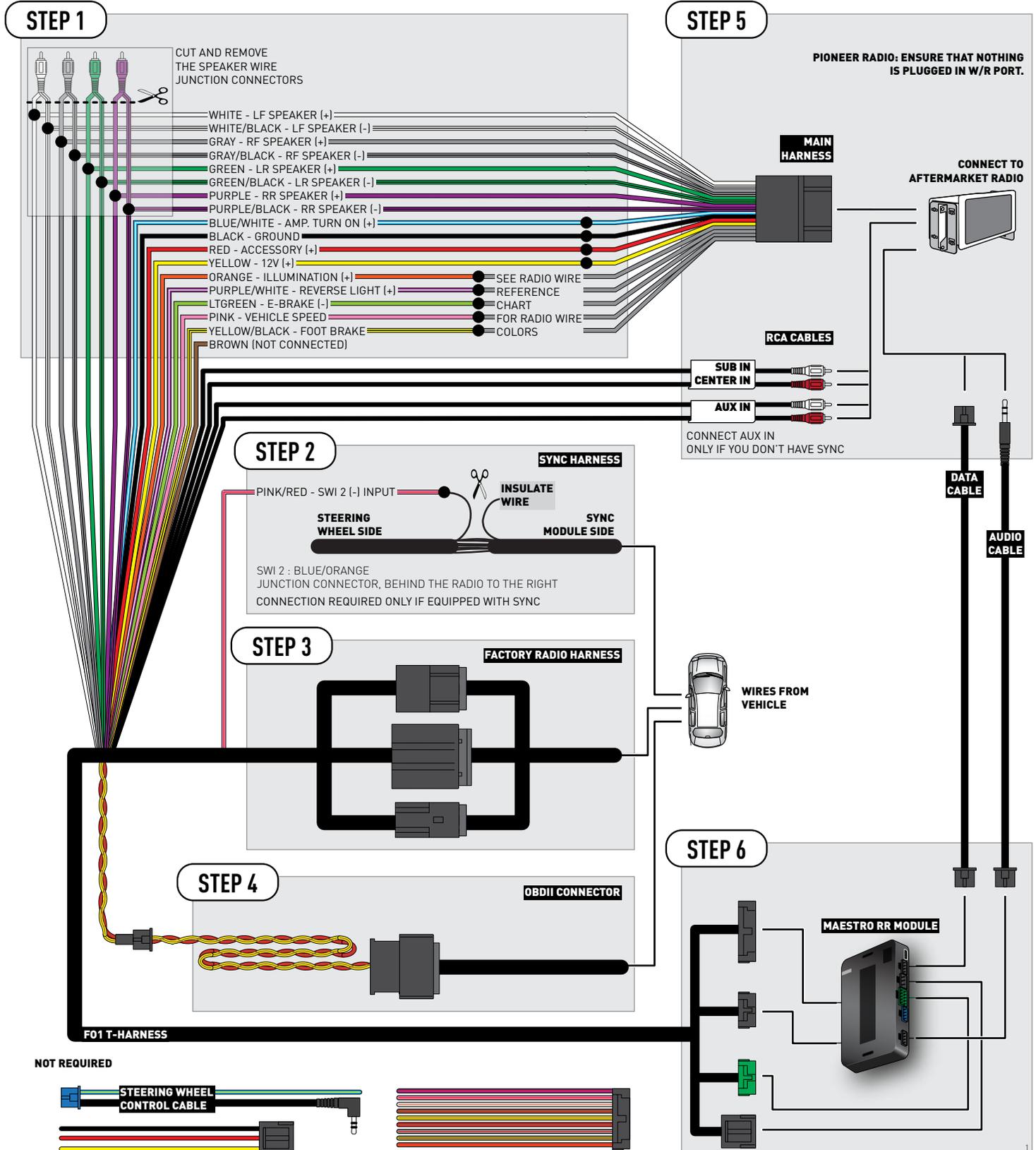
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

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## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



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

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PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the FO1's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

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iDataLINK Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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#### OPTIONAL ACCESSORIES



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# NEED HELP?

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## TABLE OF CONTENTS

Installation Instructions	3
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Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

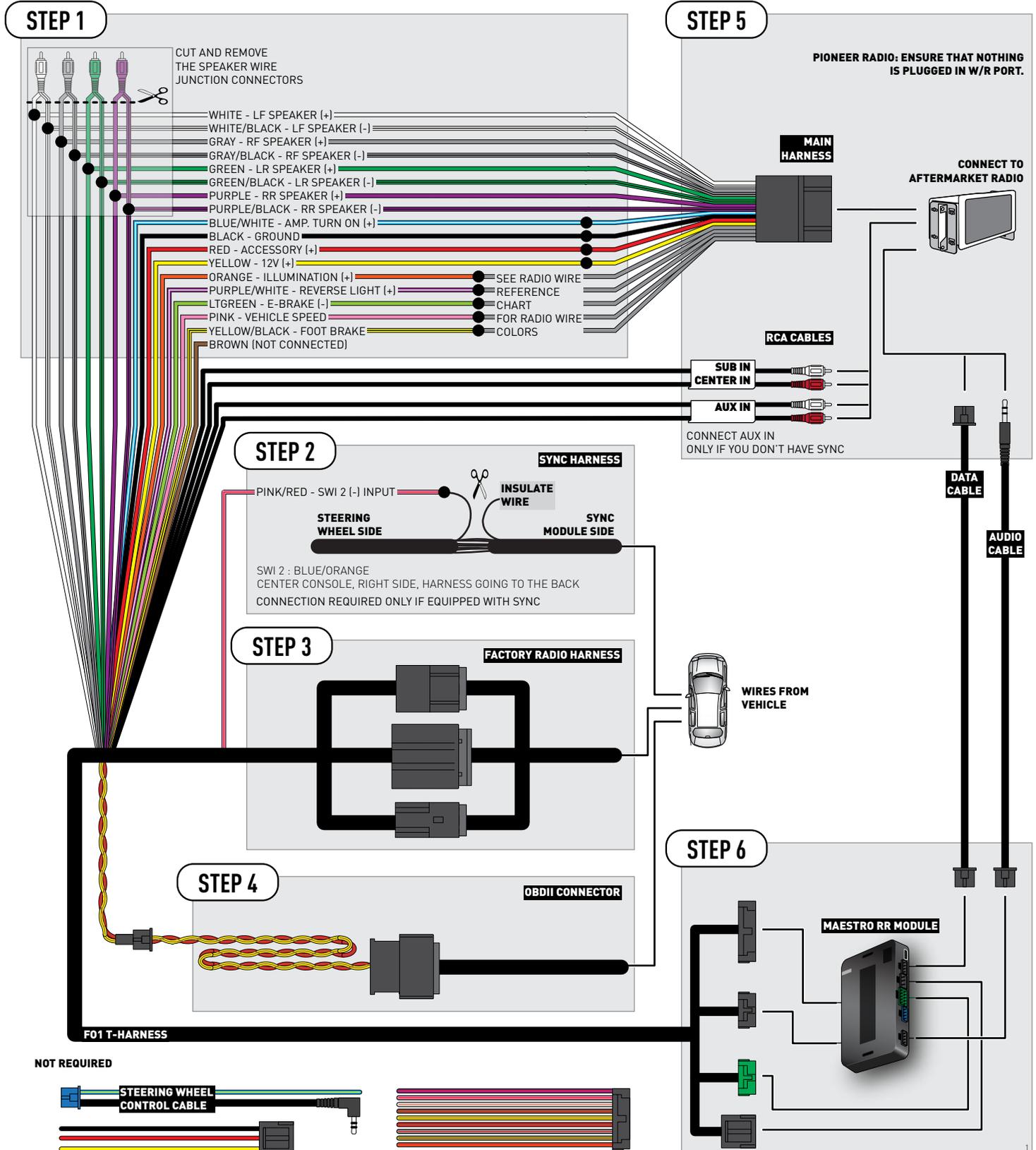
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the FO1's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

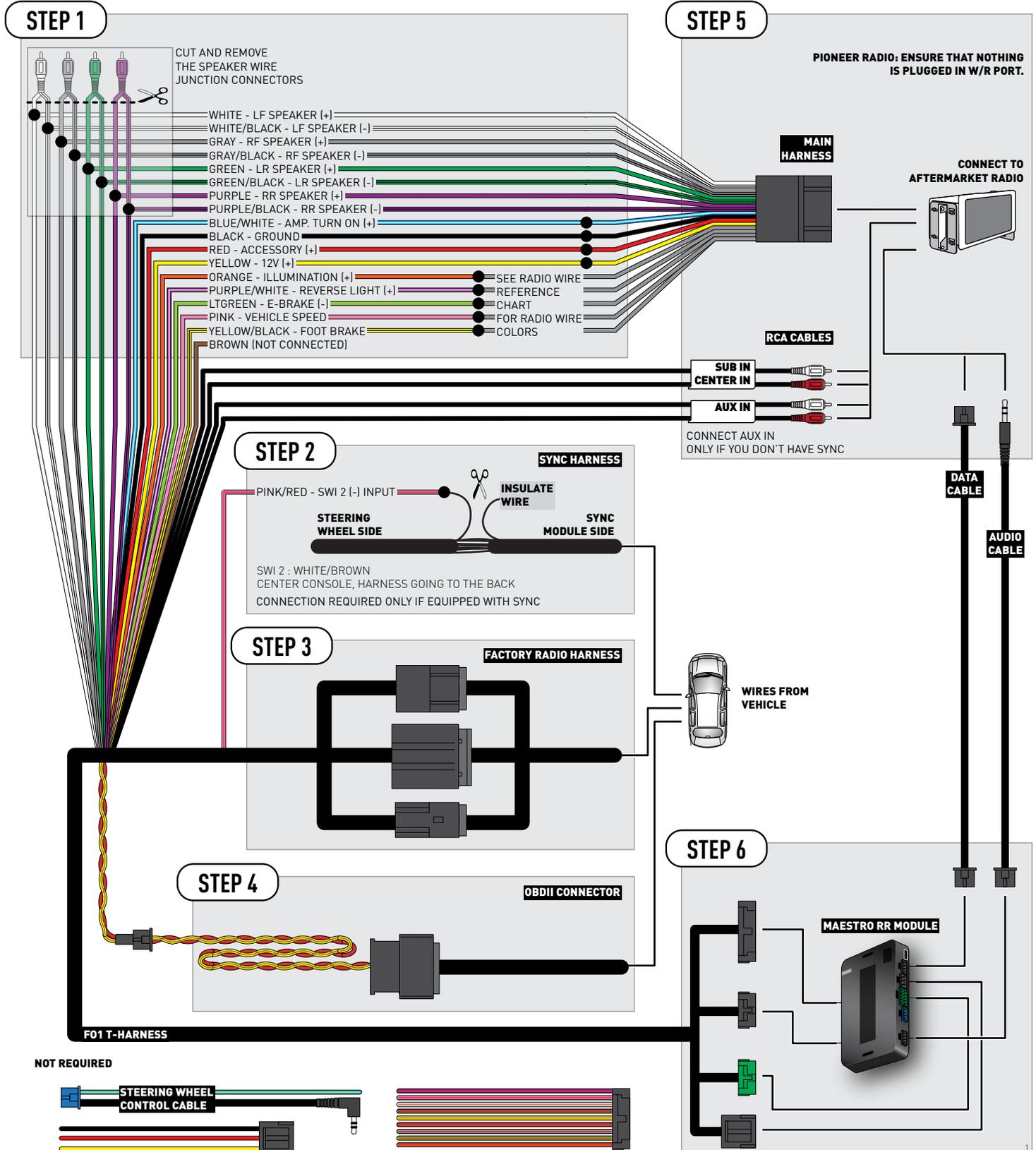
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the FO1's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

**MAESTRO RR RESET PROCEDURE:**

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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).

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
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## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

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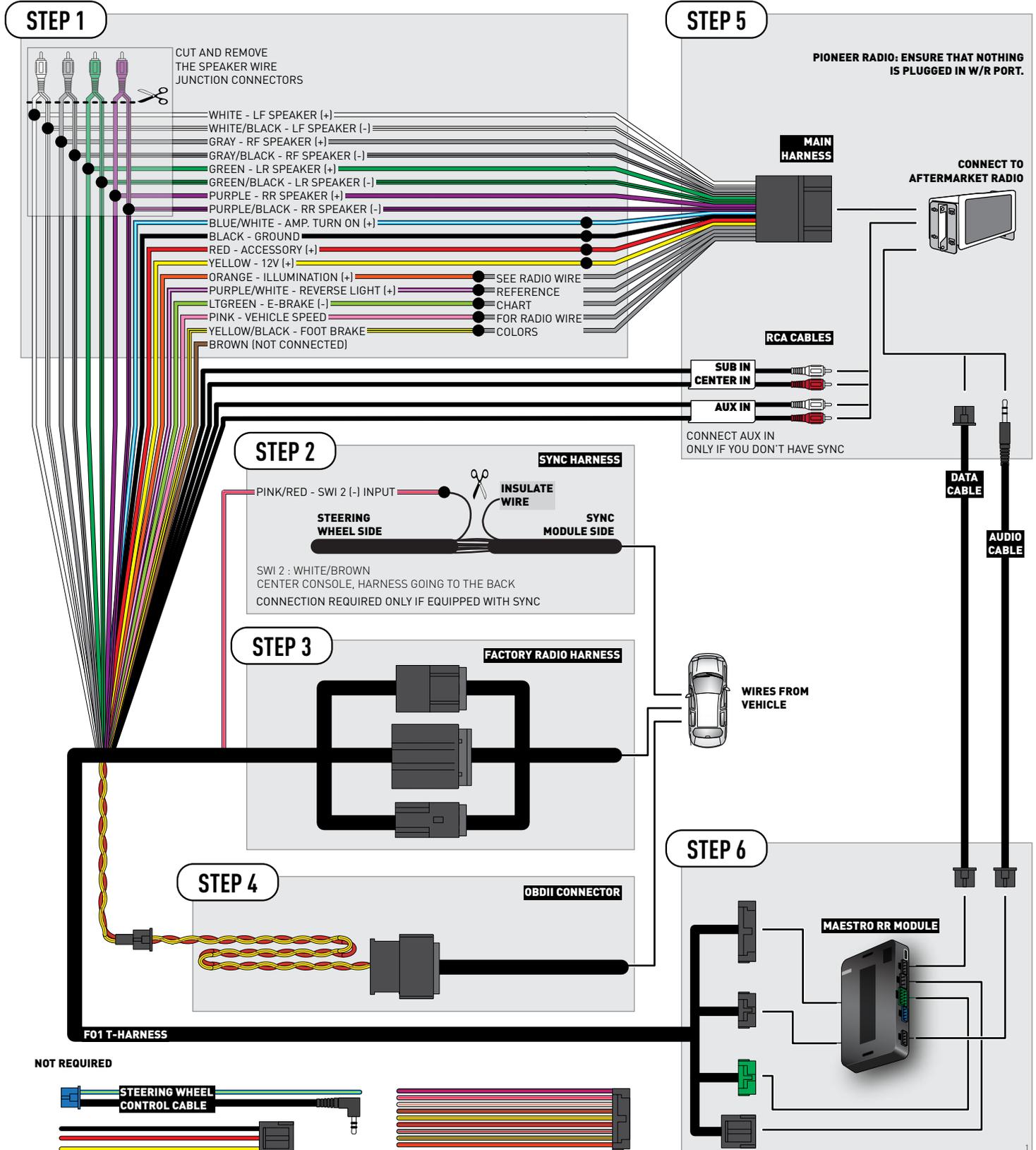
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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

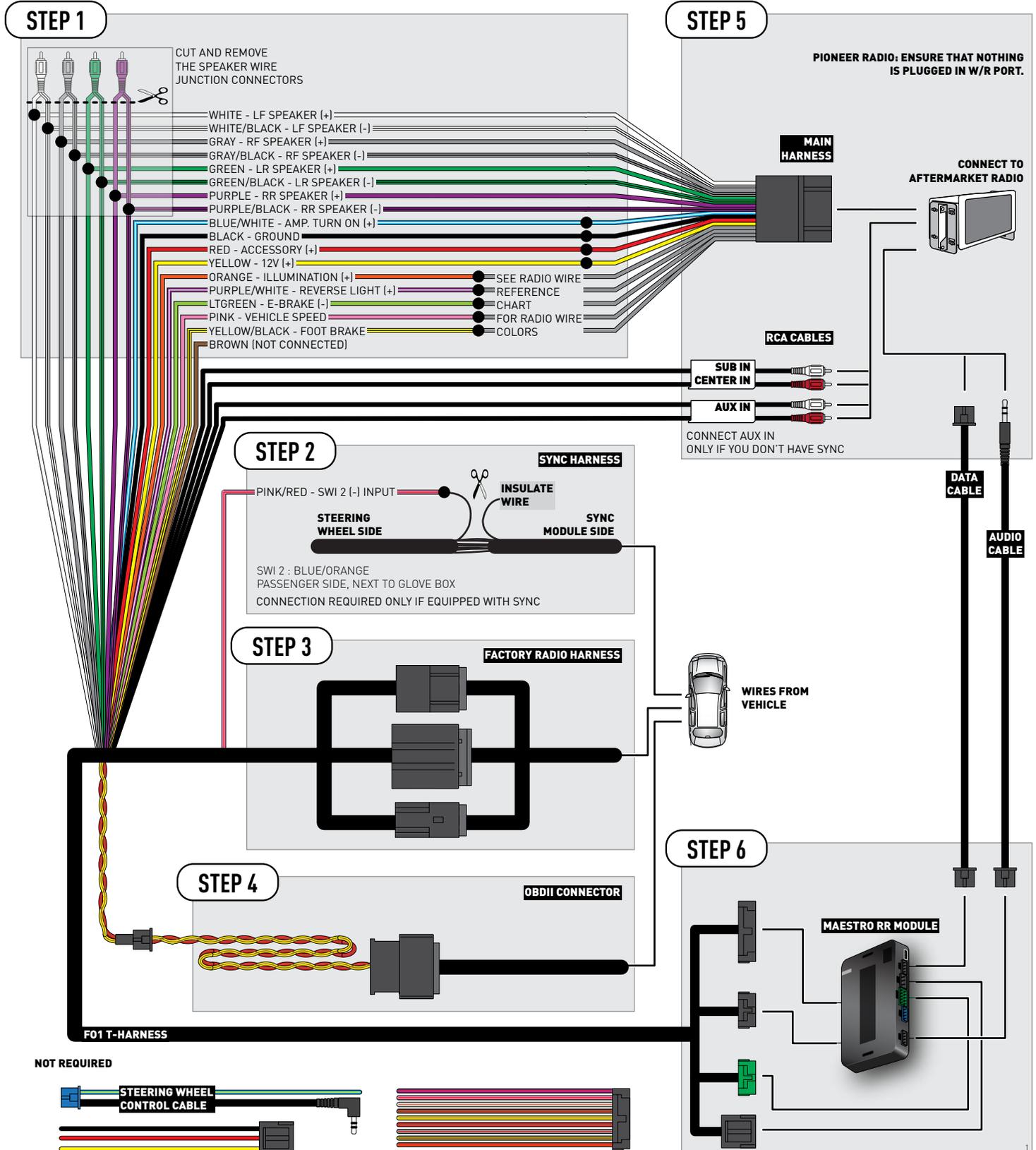
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface  
iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

#### OPTIONAL ACCESSORIES

**K40**<sup>™</sup>  
ELECTRONICS  
**ESCORT**

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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?

 1 866 427-2999

 [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)
- Remove the factory radio.

## STEP 2

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 3

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

## STEP 4

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

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

- Insert the RCA connectors into the aftermarket radio.

### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

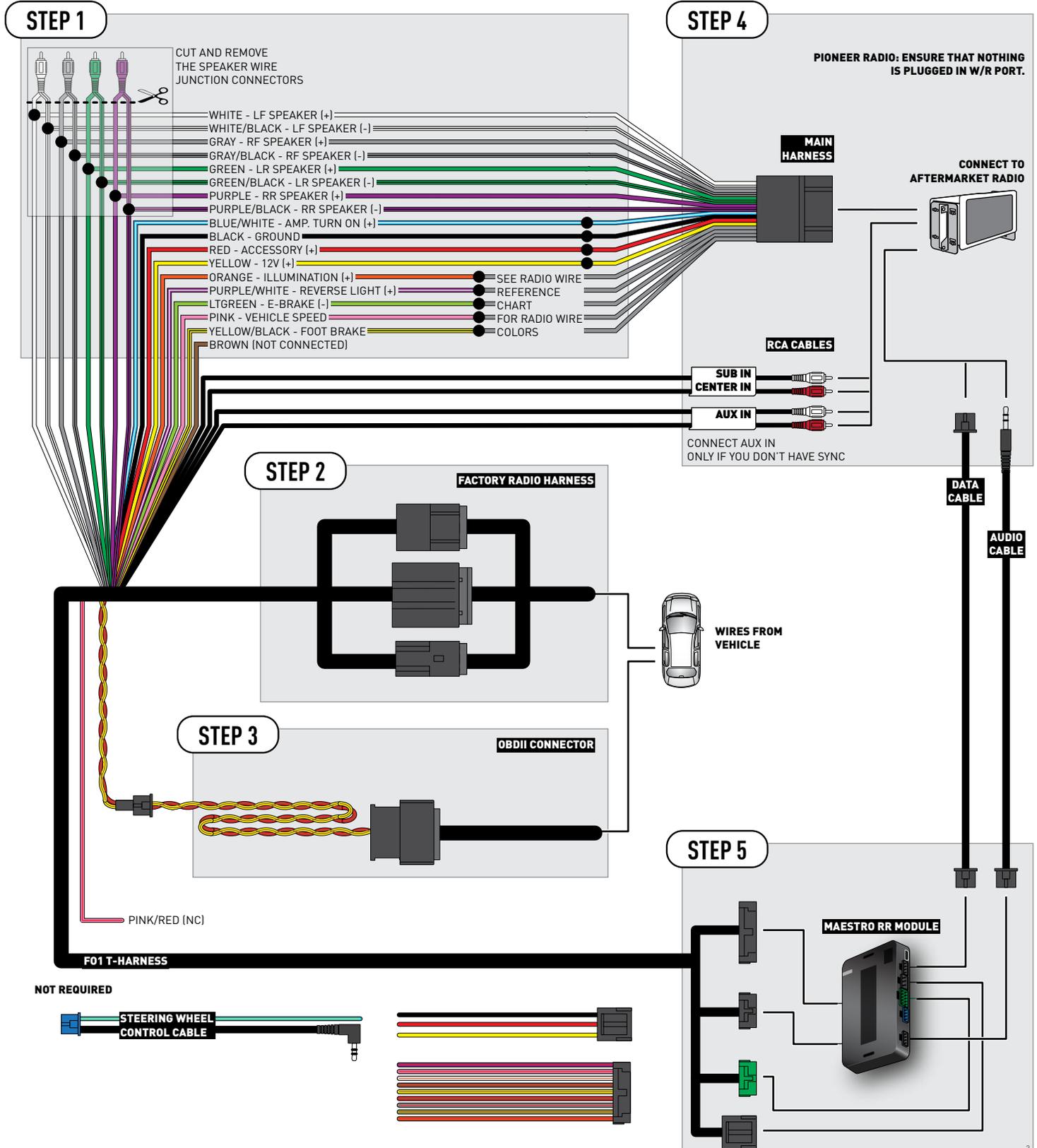
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the FO1's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



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iDataLINK Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

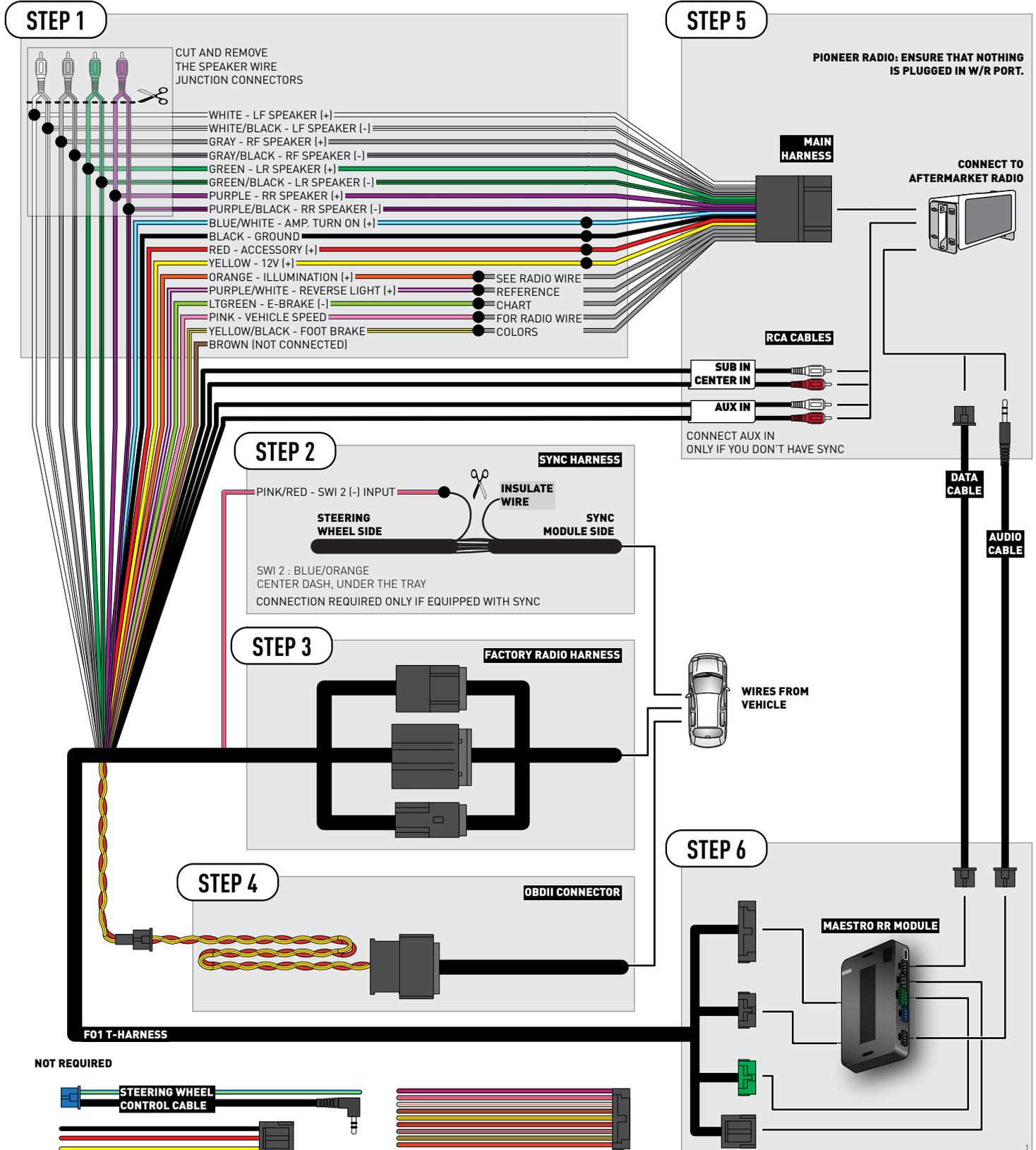
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

iDataLINK Maestro RR or RR2 Radio Replacement Interface  
iDataLINK Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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#### OPTIONAL ACCESSORIES



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# NEED HELP?

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)
- Remove the factory radio.

## STEP 2

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 3

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

## STEP 4

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

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

- Insert the RCA connectors into the aftermarket radio.

### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

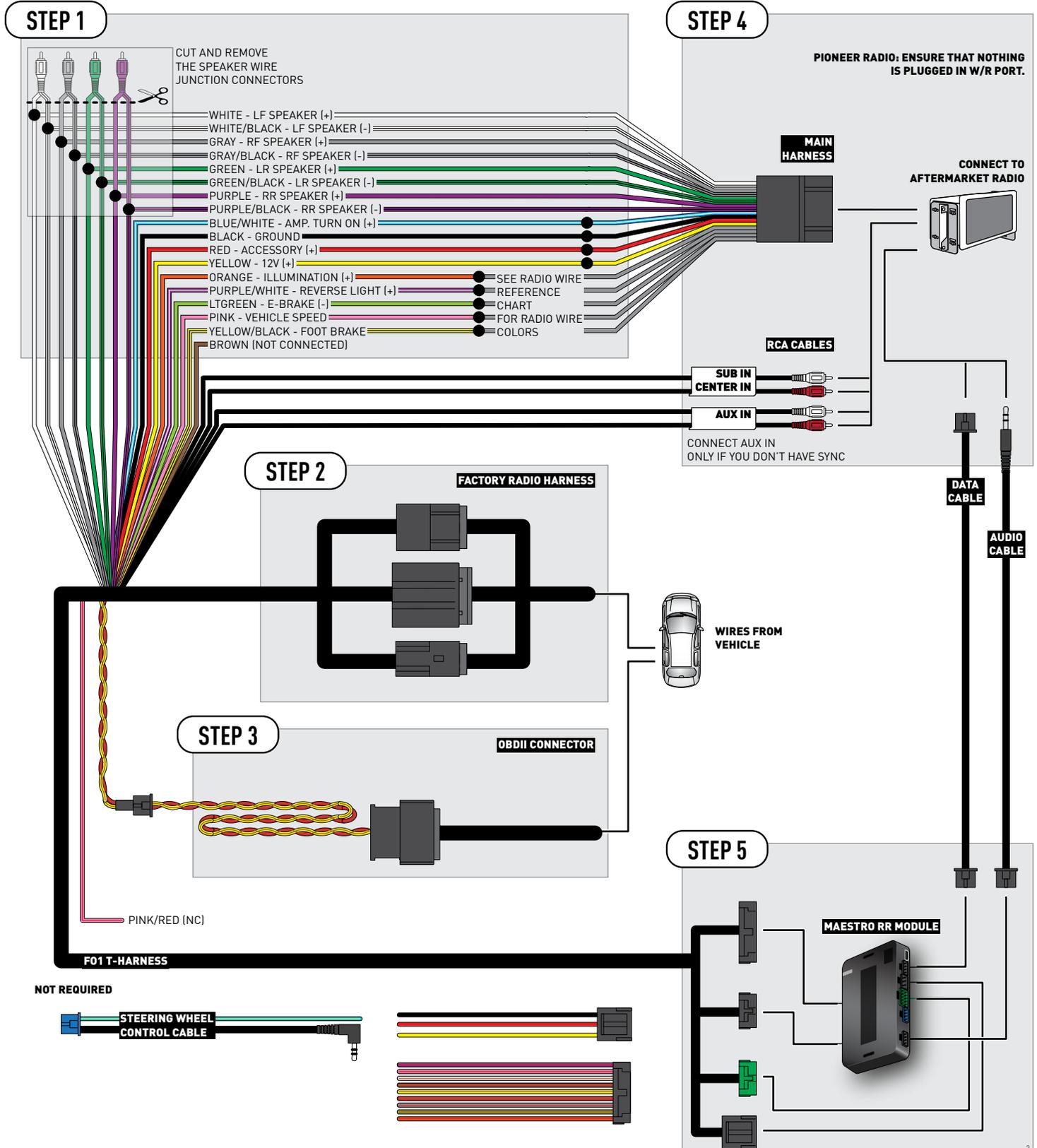
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## STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable	Wire Color on Sony cable
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PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
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## MAESTRO RR RESET PROCEDURE:

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#### PRODUCTS REQUIRED

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iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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#### OPTIONAL ACCESSORIES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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- Remove the factory radio.

## STEP 2

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 3

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

## STEP 4

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

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- Insert the RCA connectors into the aftermarket radio.

### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

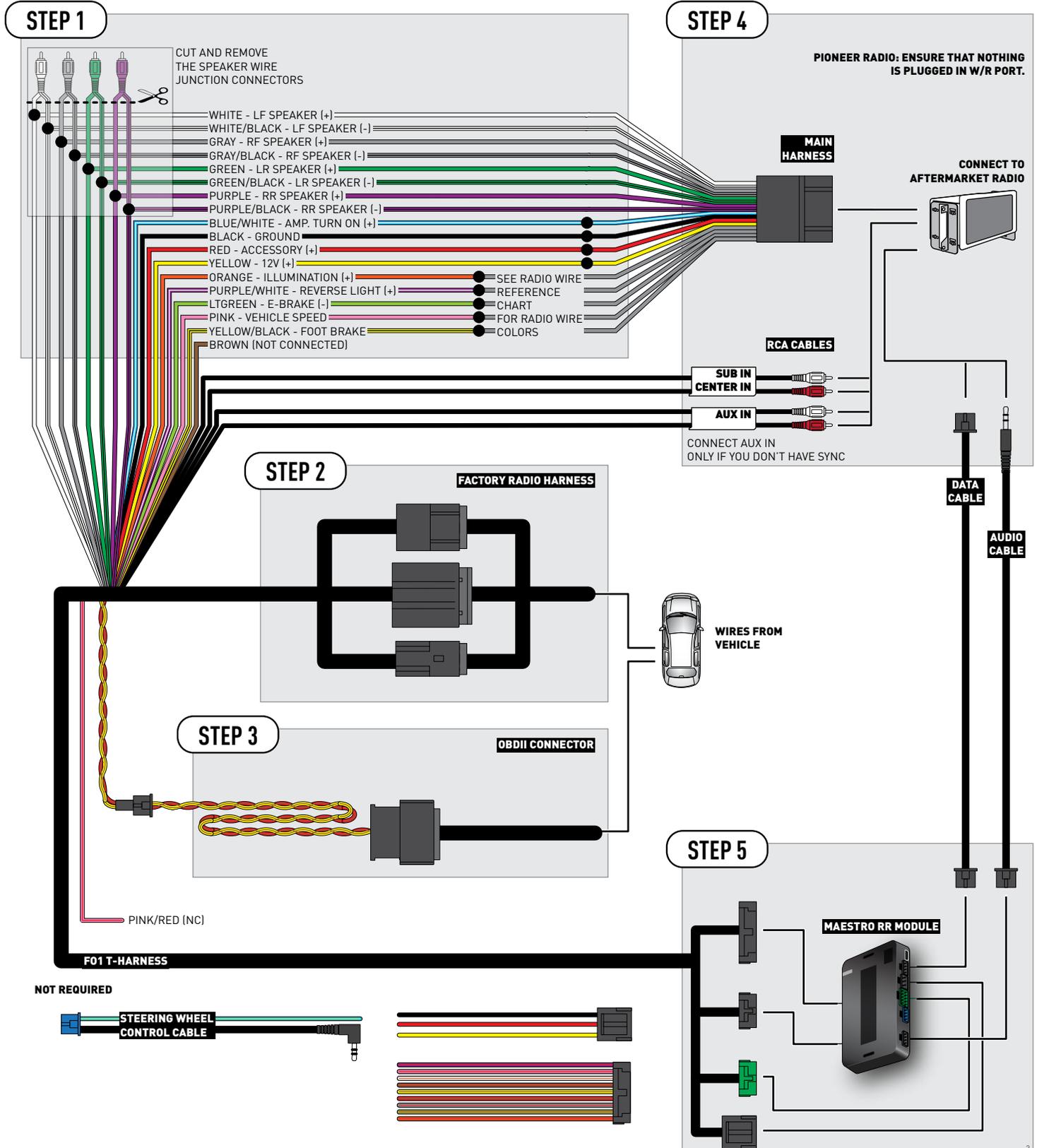
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

**MAESTRO RR RESET PROCEDURE:**

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

**TECHNICAL ASSISTANCE**

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



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## TABLE OF CONTENTS

Installation Instructions	3
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# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

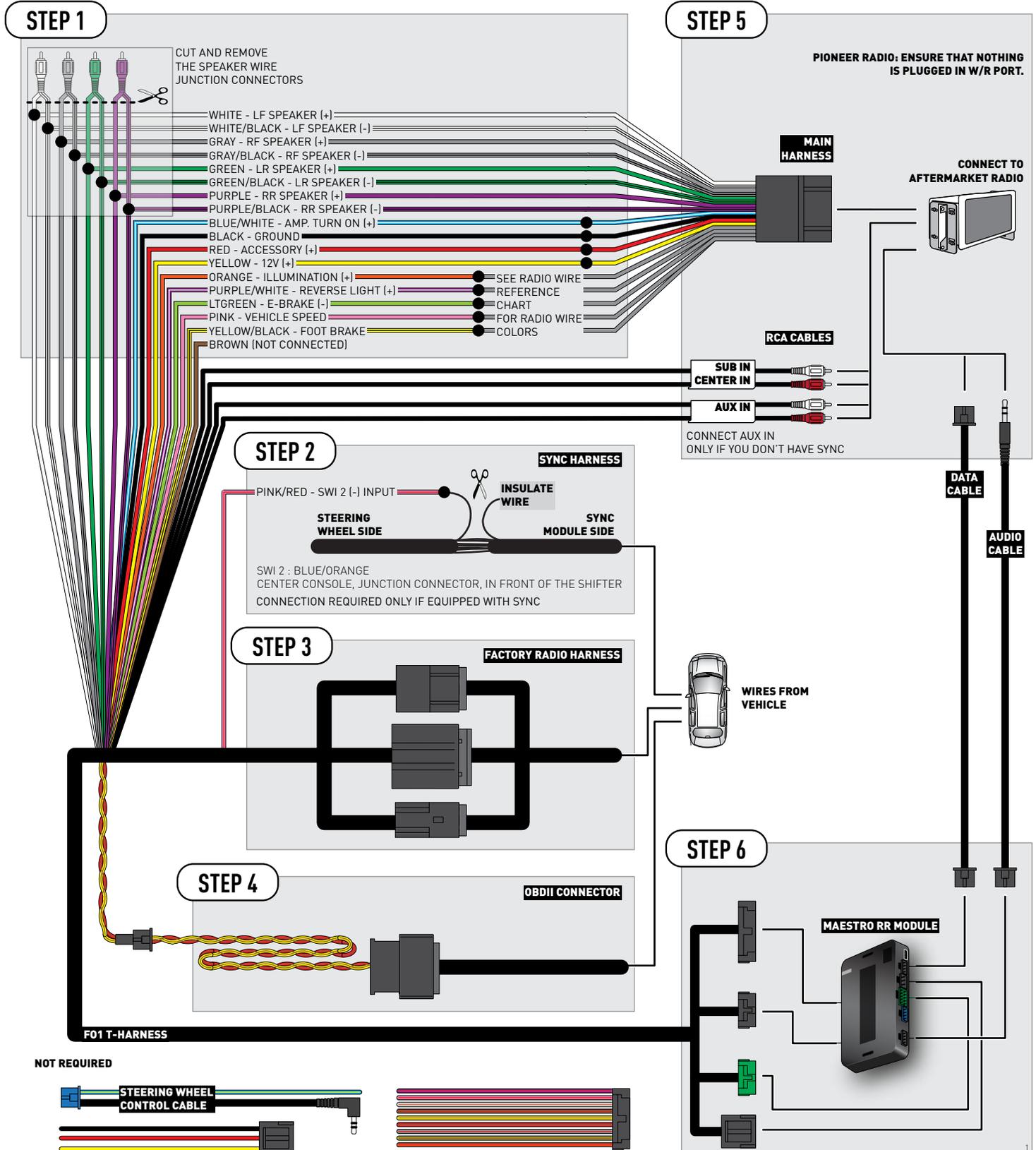
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## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



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

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Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the FO1's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

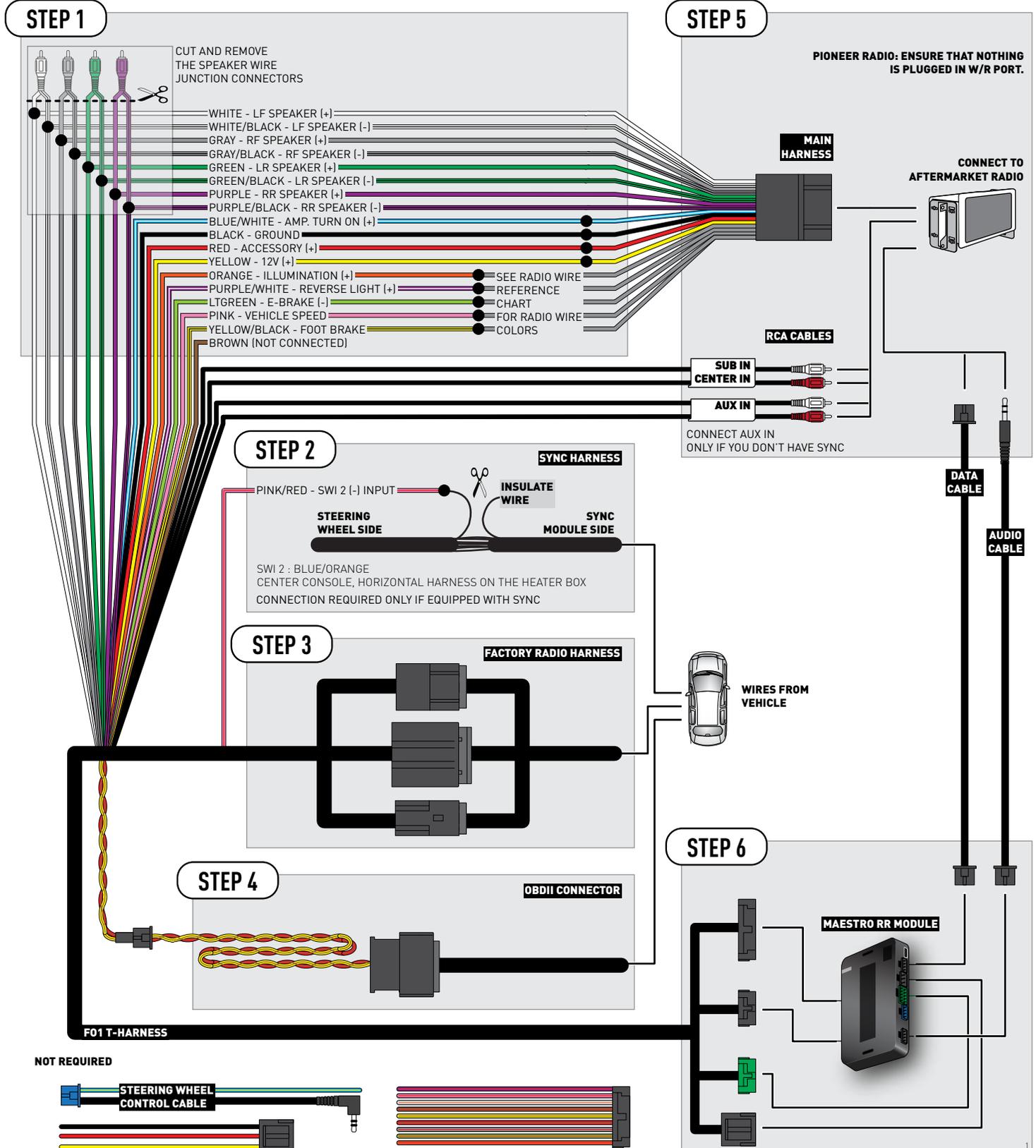
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

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## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

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PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the FO1's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
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## MAESTRO RR RESET PROCEDURE:

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## TABLE OF CONTENTS

Installation Instructions	3
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Radio Wire Reference Chart	5
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### Vehicles equipped with navigation radios skip to Step 3.

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## STEP 4

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- Plug the aftermarket radio harnesses into the aftermarket radio.
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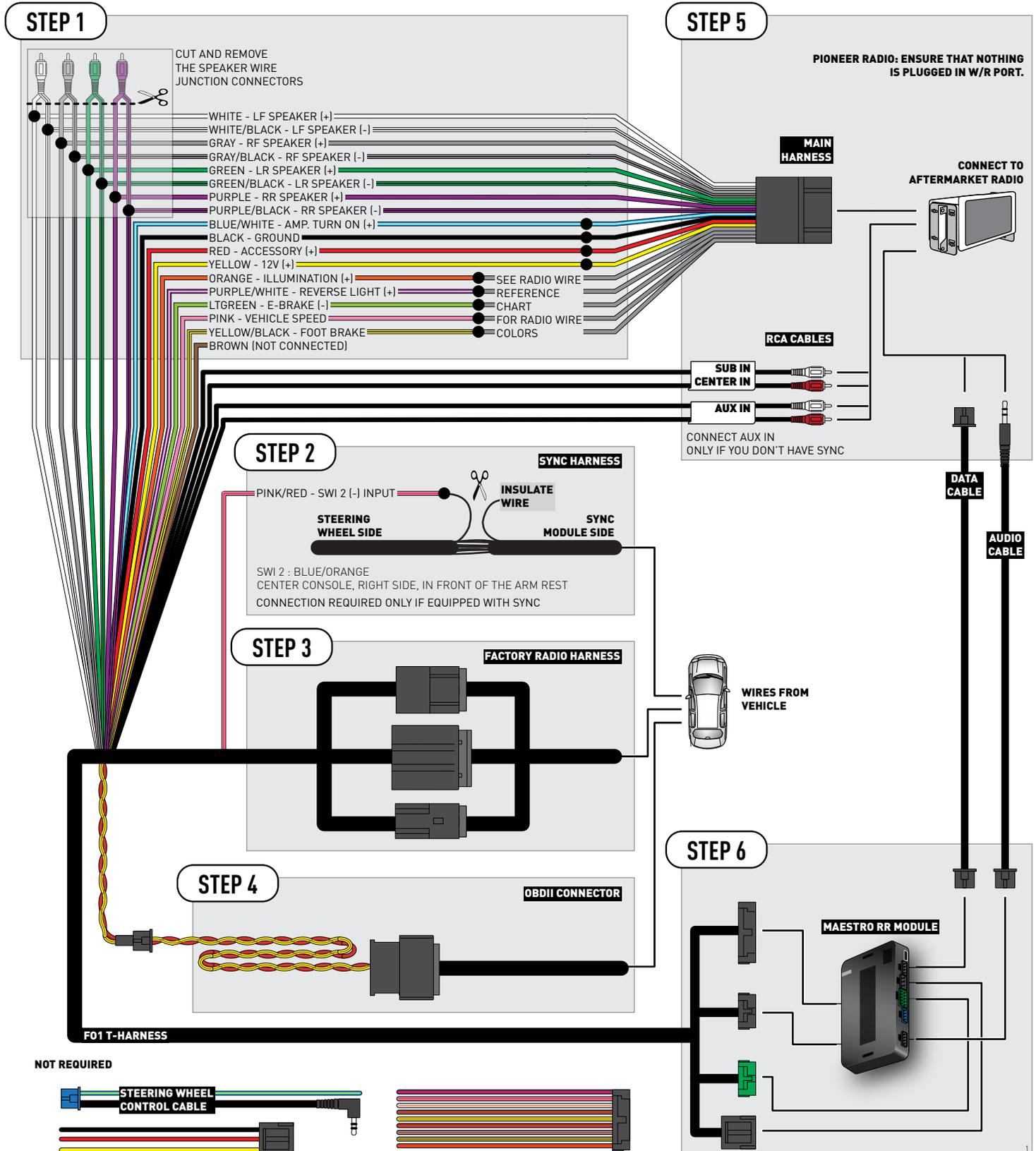
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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

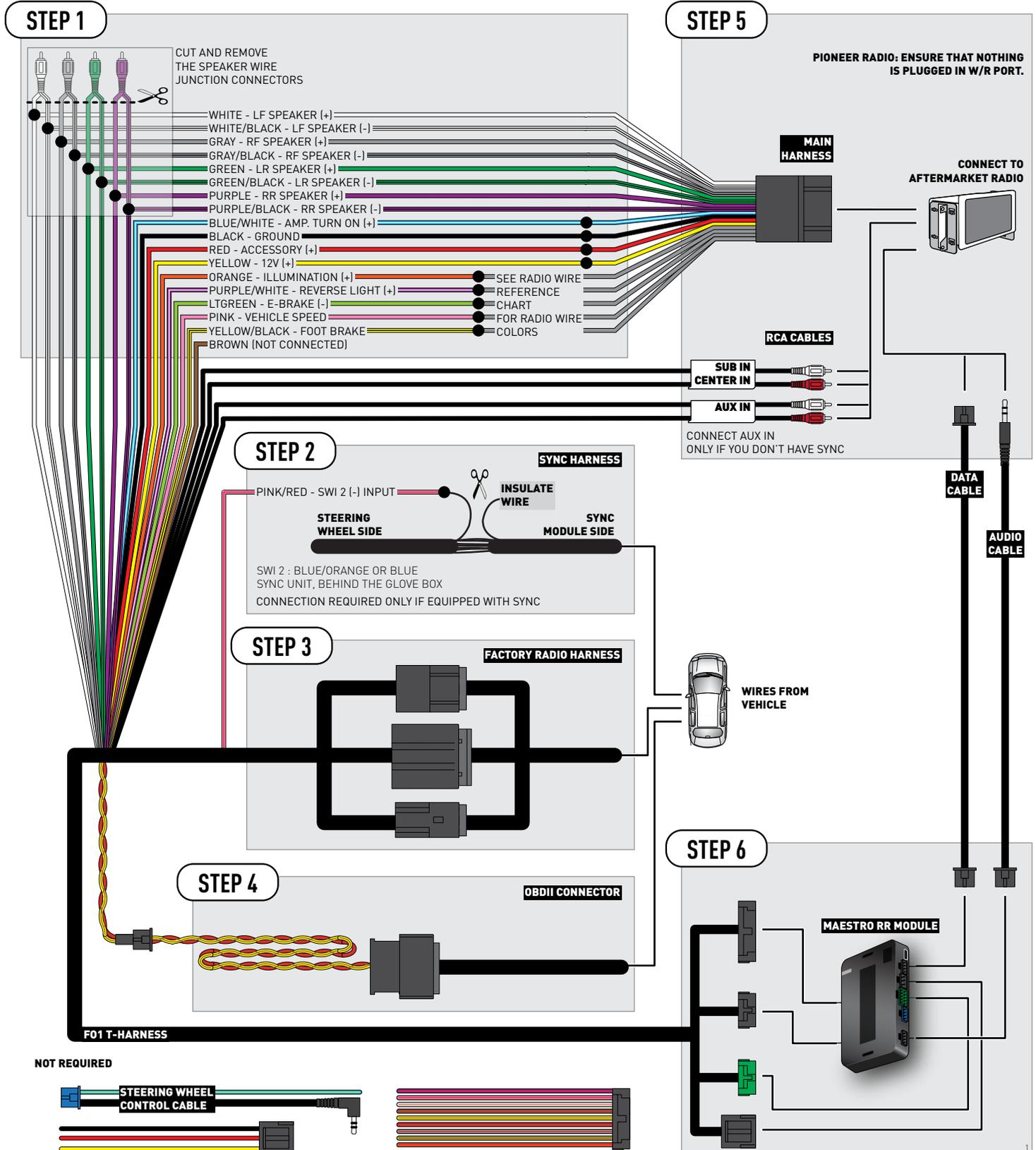
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

**MAESTRO RR RESET PROCEDURE:**

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

**TECHNICAL ASSISTANCE**

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

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iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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## TABLE OF CONTENTS

Installation Instructions	3
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Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 1

- Unbox the aftermarket radio and locate its main harness.
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- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

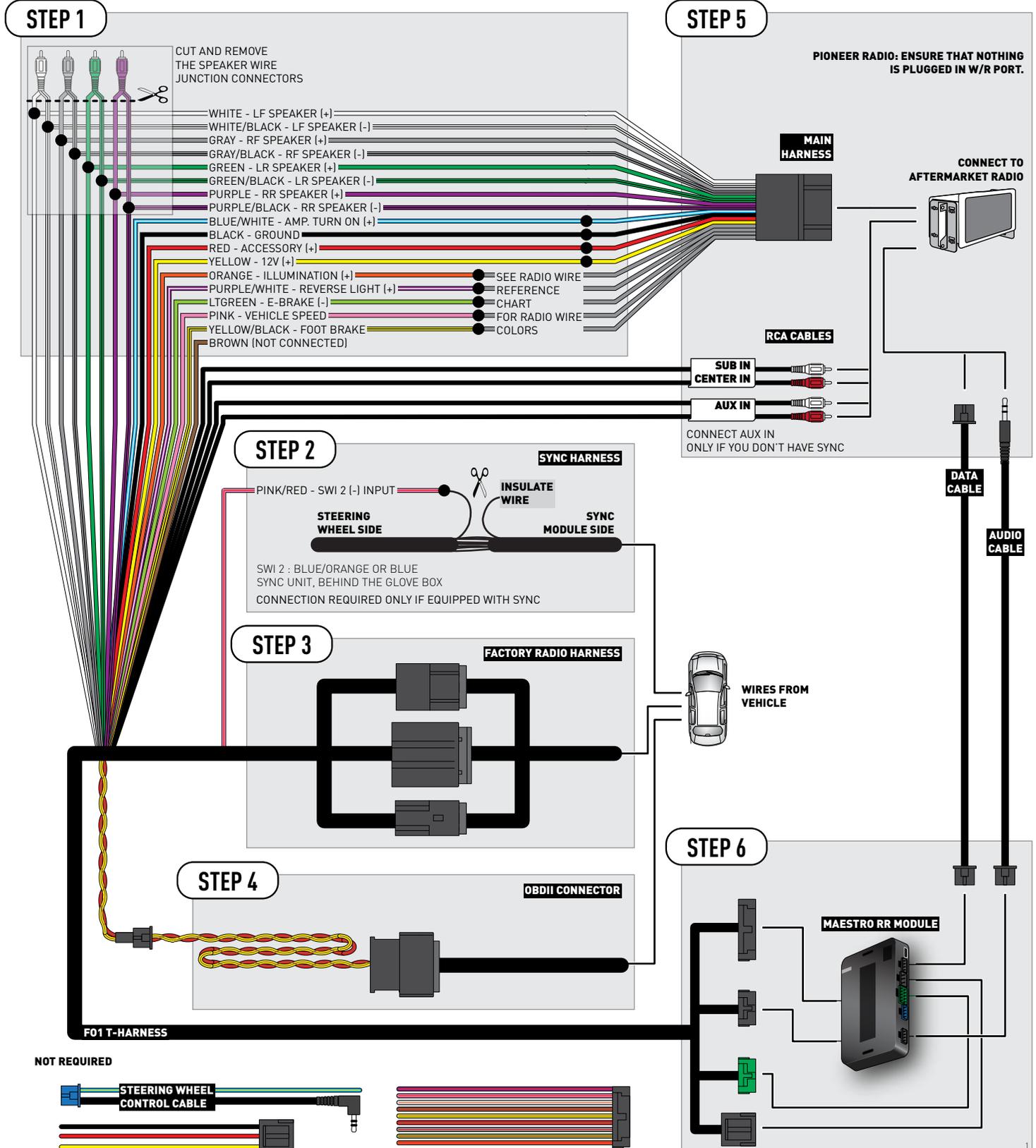
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

**MAESTRO RR RESET PROCEDURE:**

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

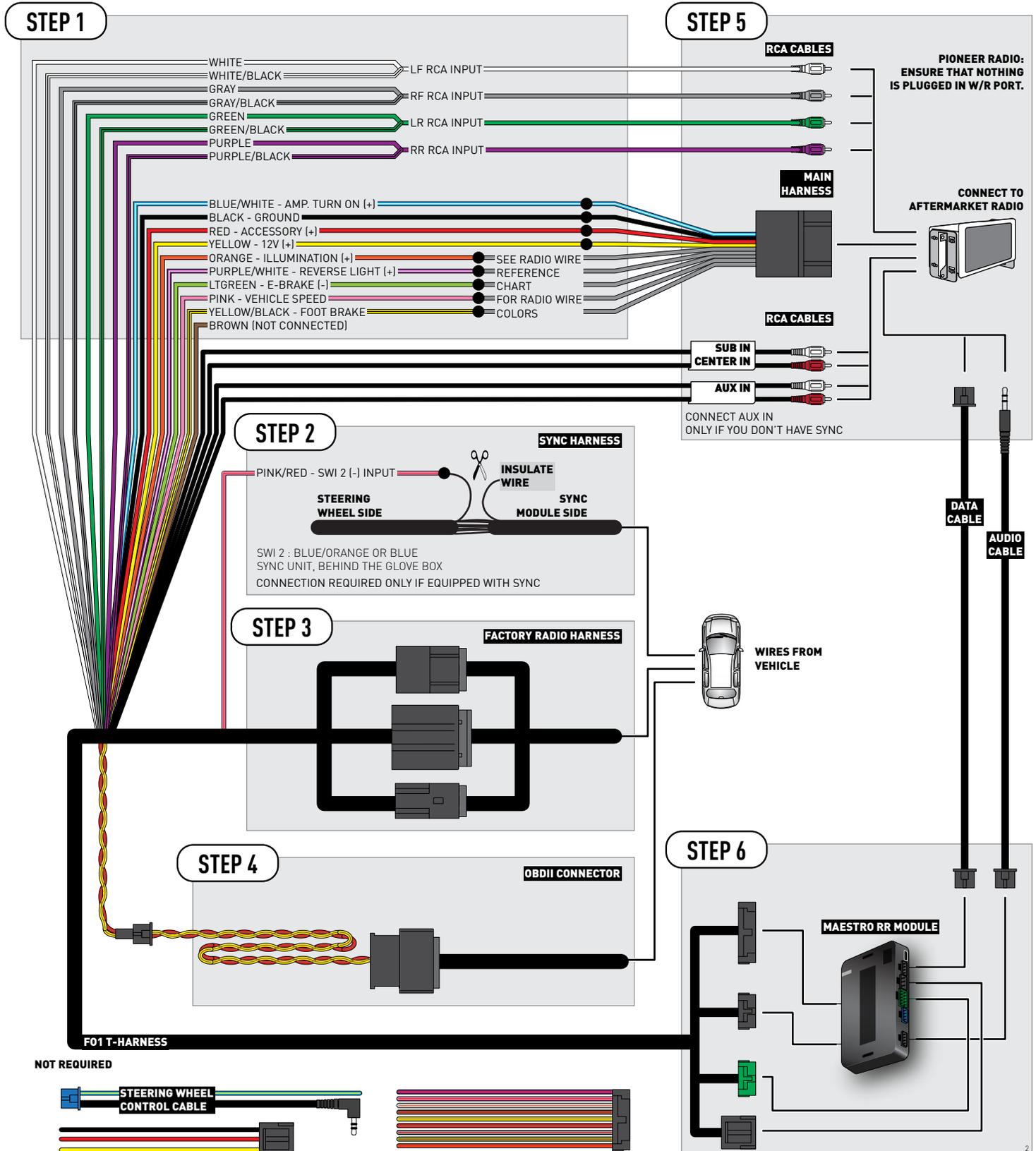
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

**MAESTRO RR RESET PROCEDURE:**

Turn the key to the OFF position, then disconnect all connectors from the module.  
 Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).  
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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
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- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

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- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

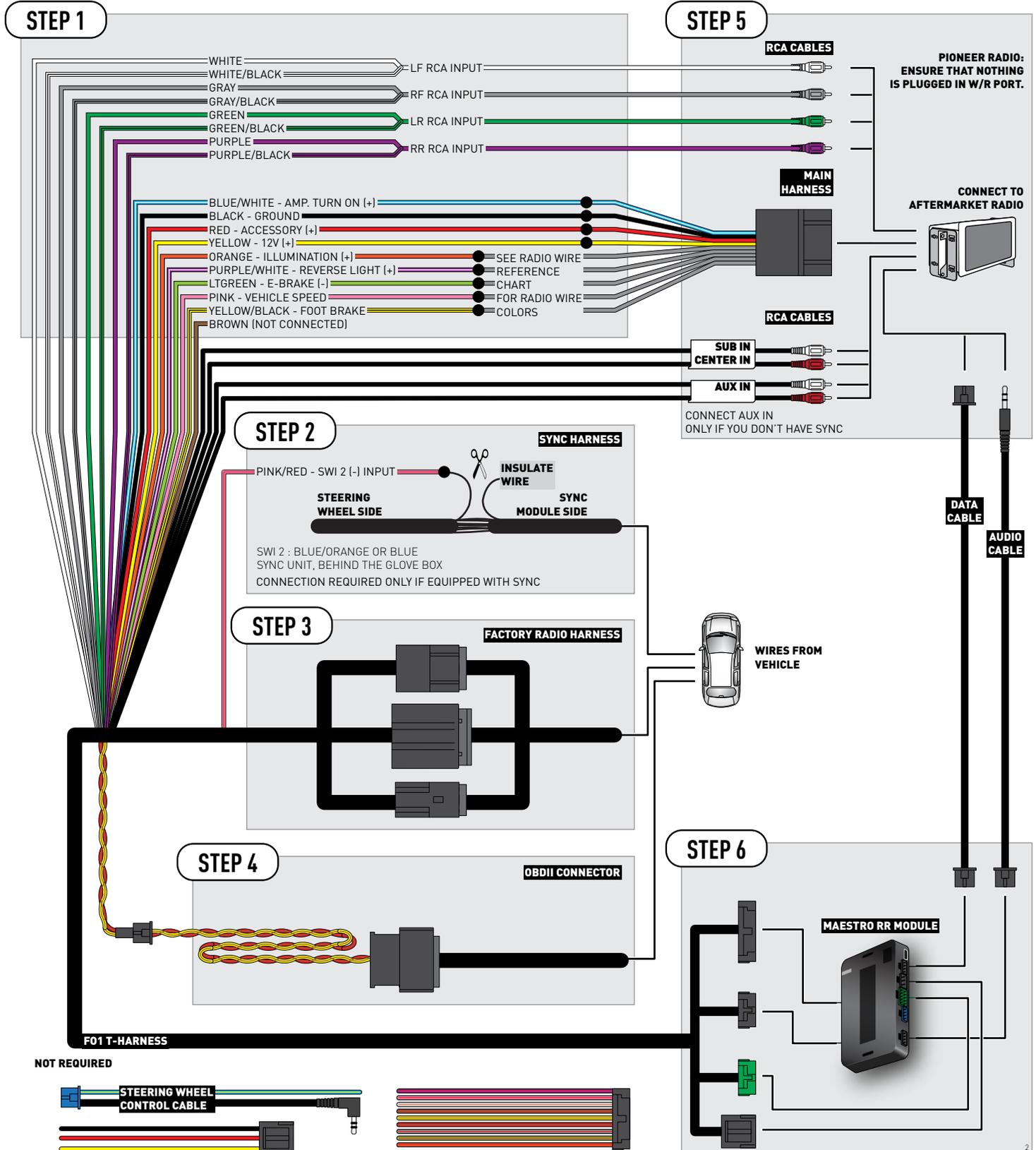
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## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

**MAESTRO RR RESET PROCEDURE:**

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

**TECHNICAL ASSISTANCE**

Phone: 1-866-427-2999

Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface  
iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

#### OPTIONAL ACCESSORIES



Click here for:  
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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.

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

# NEED HELP?

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

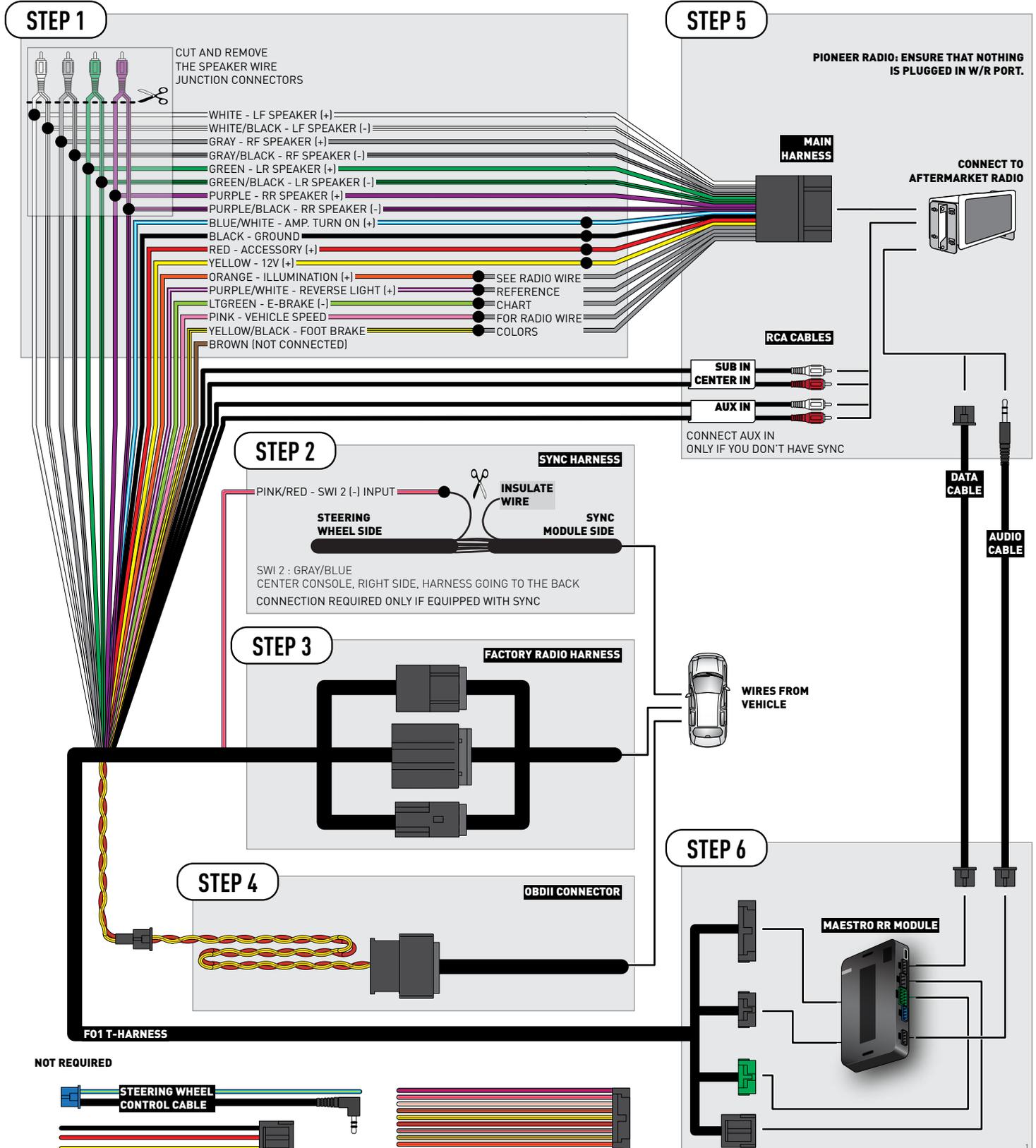
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

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iDataLINK Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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#### OPTIONAL ACCESSORIES

**K40**<sup>™</sup>  
ELECTRONICS  
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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

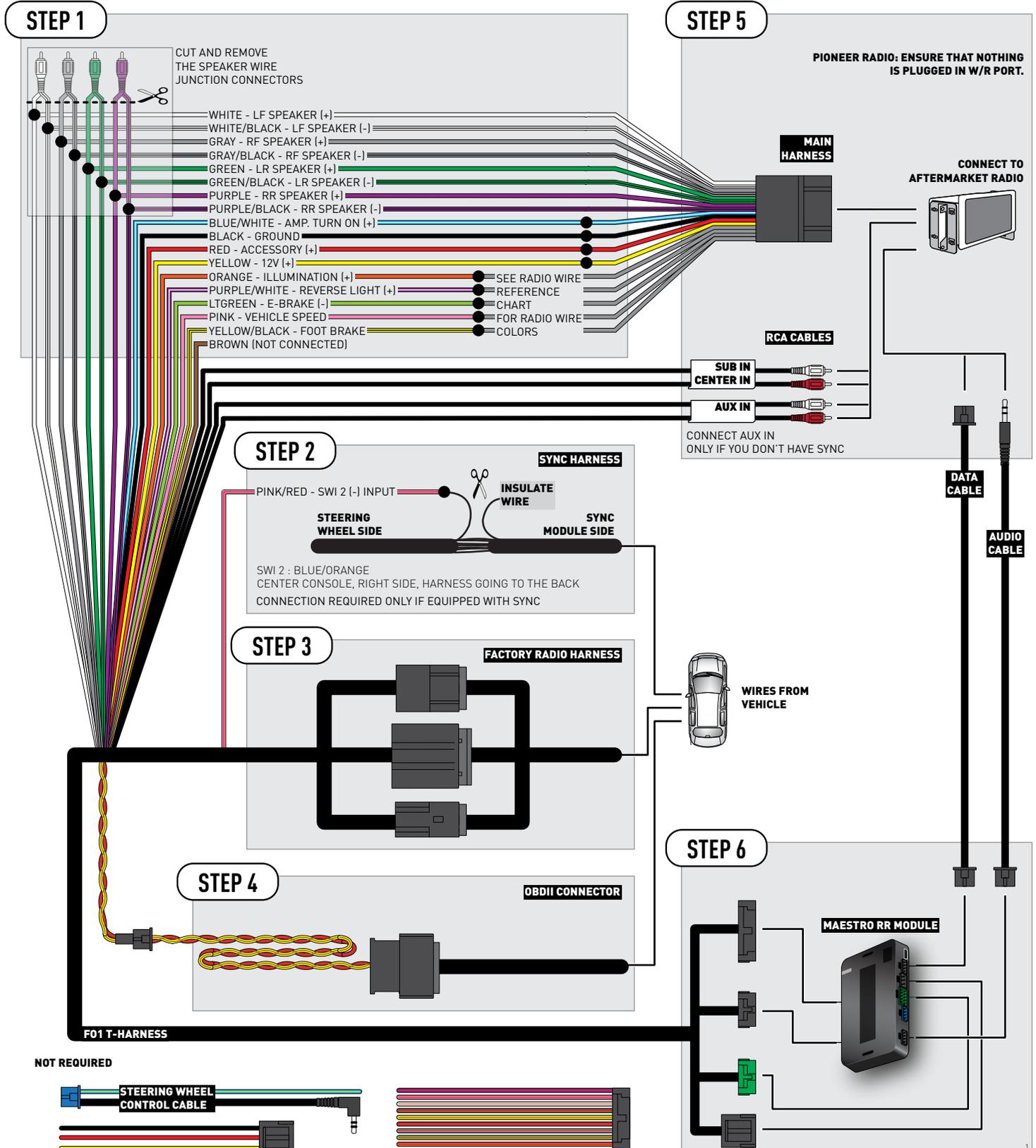
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

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**RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!**



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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 1

- Unbox the aftermarket radio and locate its main harness.
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- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

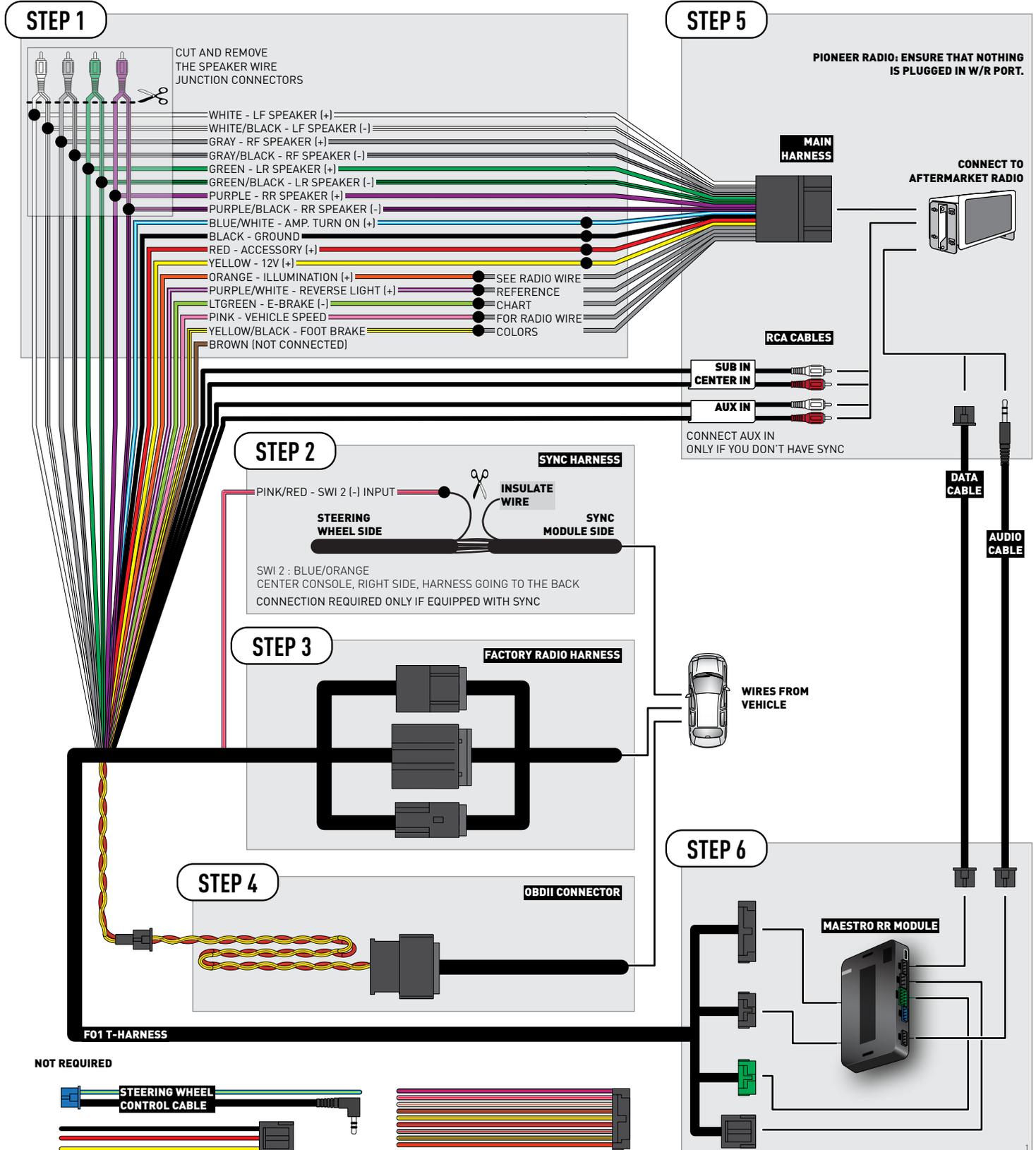
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

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The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
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- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

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NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

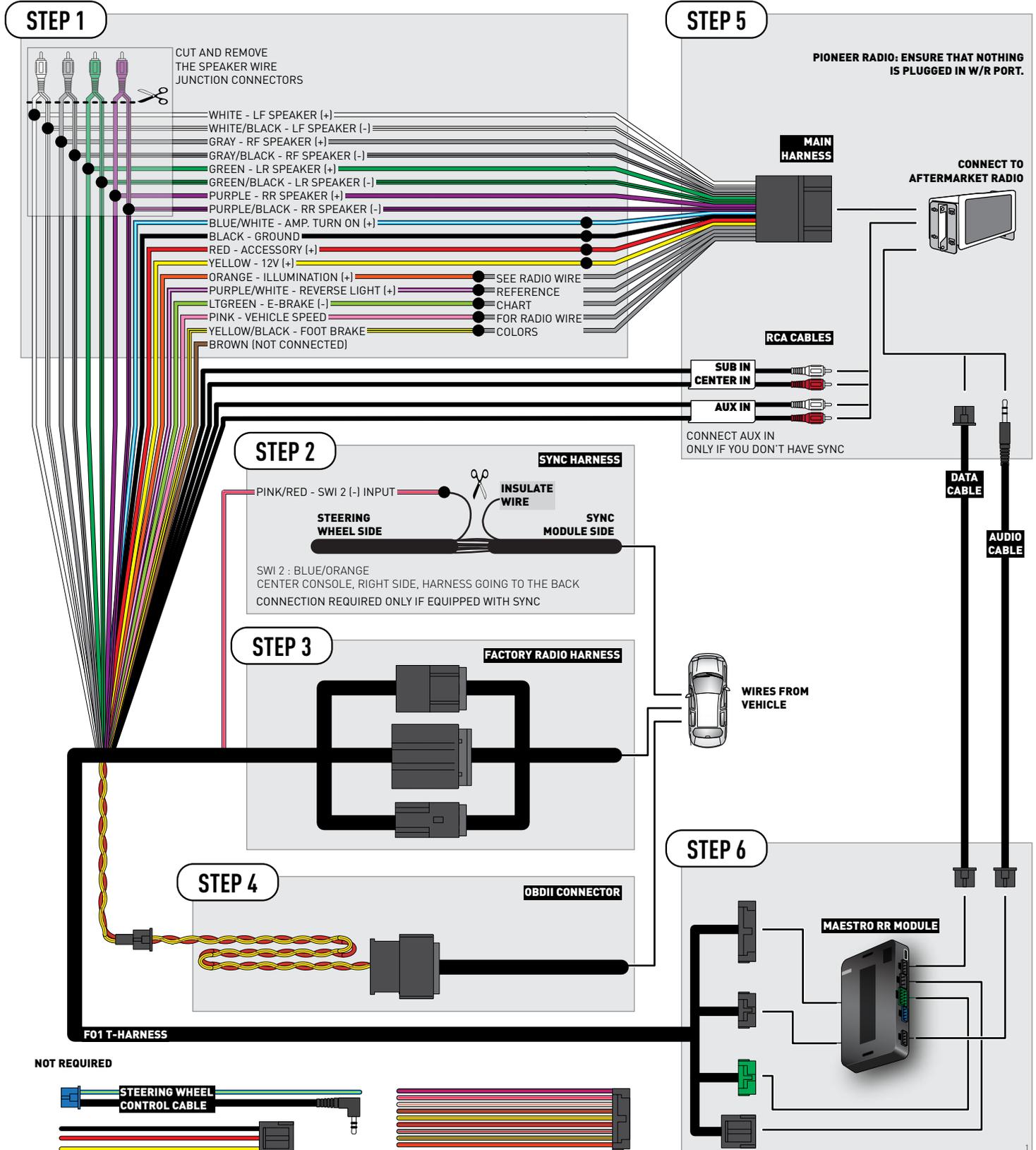
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## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

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

## TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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

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

**RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!**



#### PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface  
iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

#### OPTIONAL ACCESSORIES



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# WELCOME

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

# NEED HELP?

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

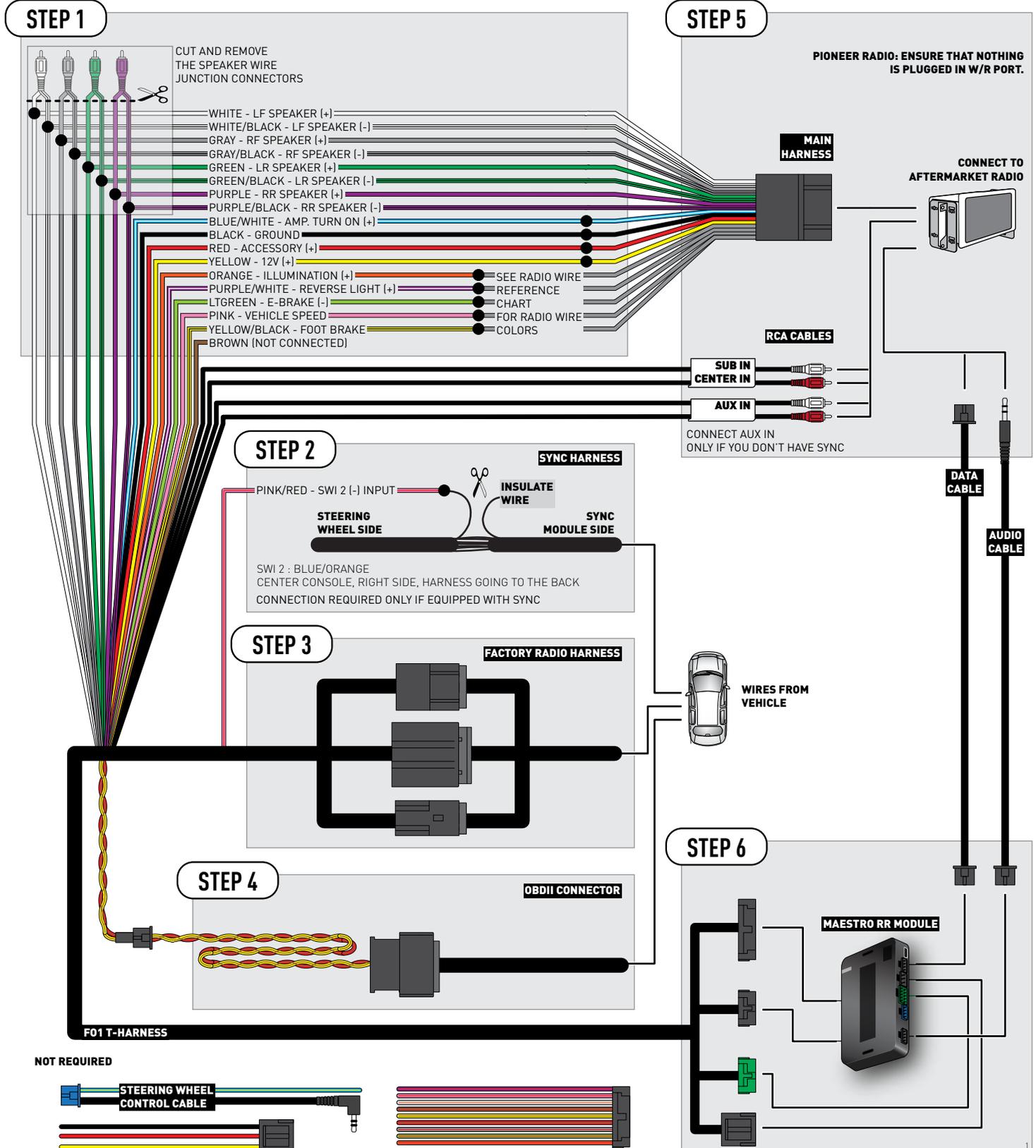
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

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

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#### PROGRAMMED FIRMWARE

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#### OPTIONAL ACCESSORIES

**K40**<sup>™</sup>  
ELECTRONICS  
**ESCORT**

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

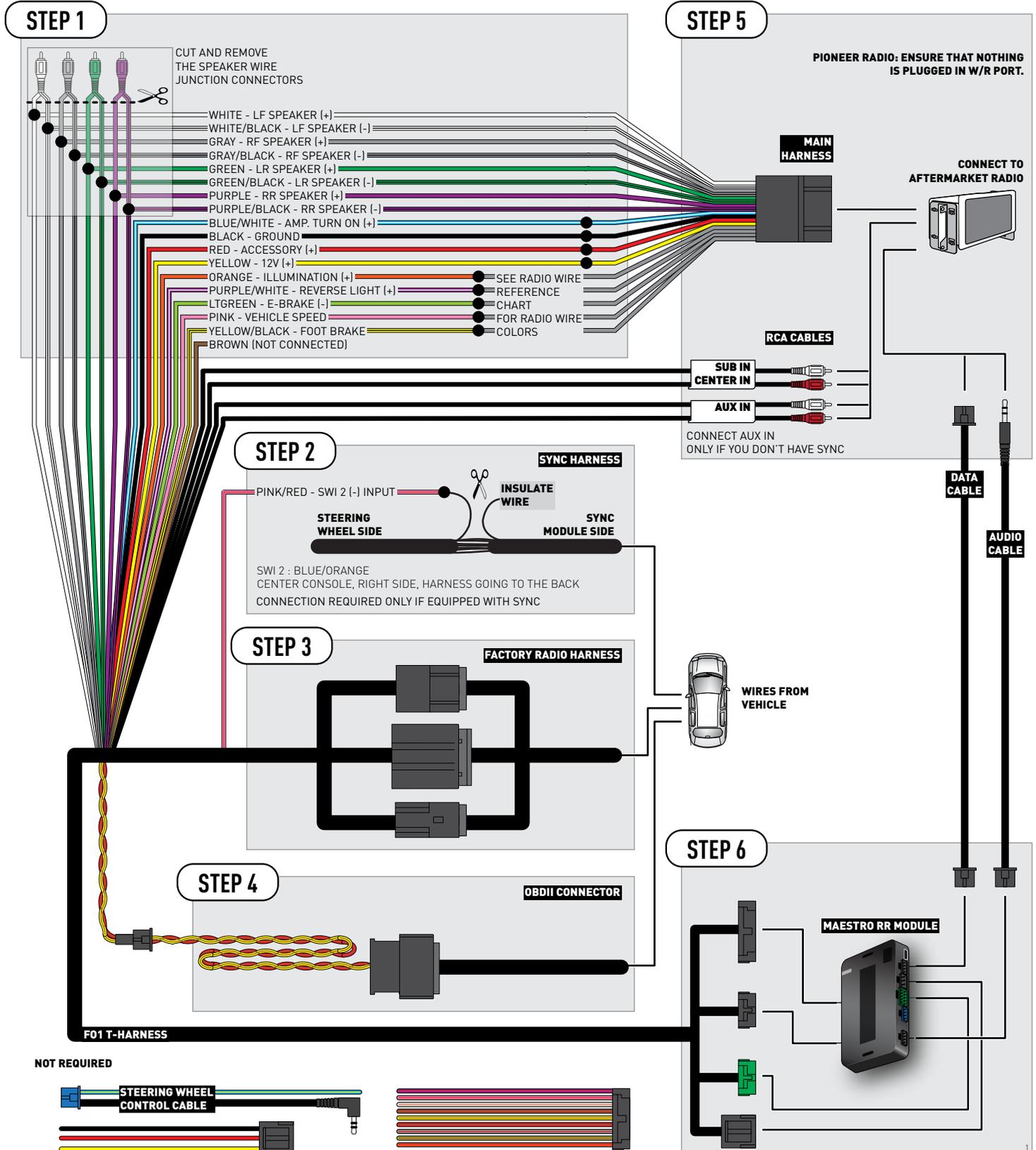
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
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The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

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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).

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
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- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

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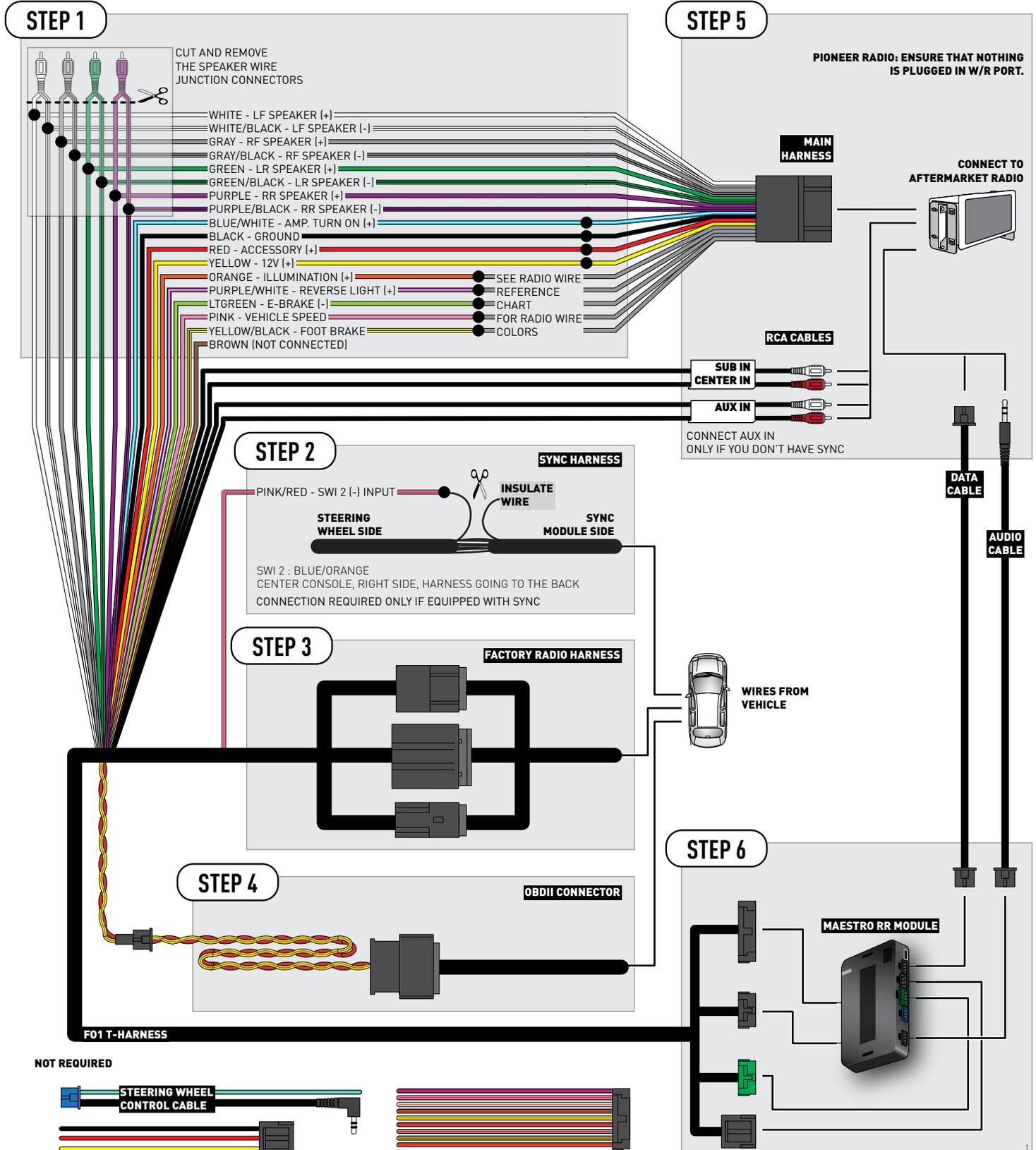
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- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



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

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Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
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The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
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#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

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

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

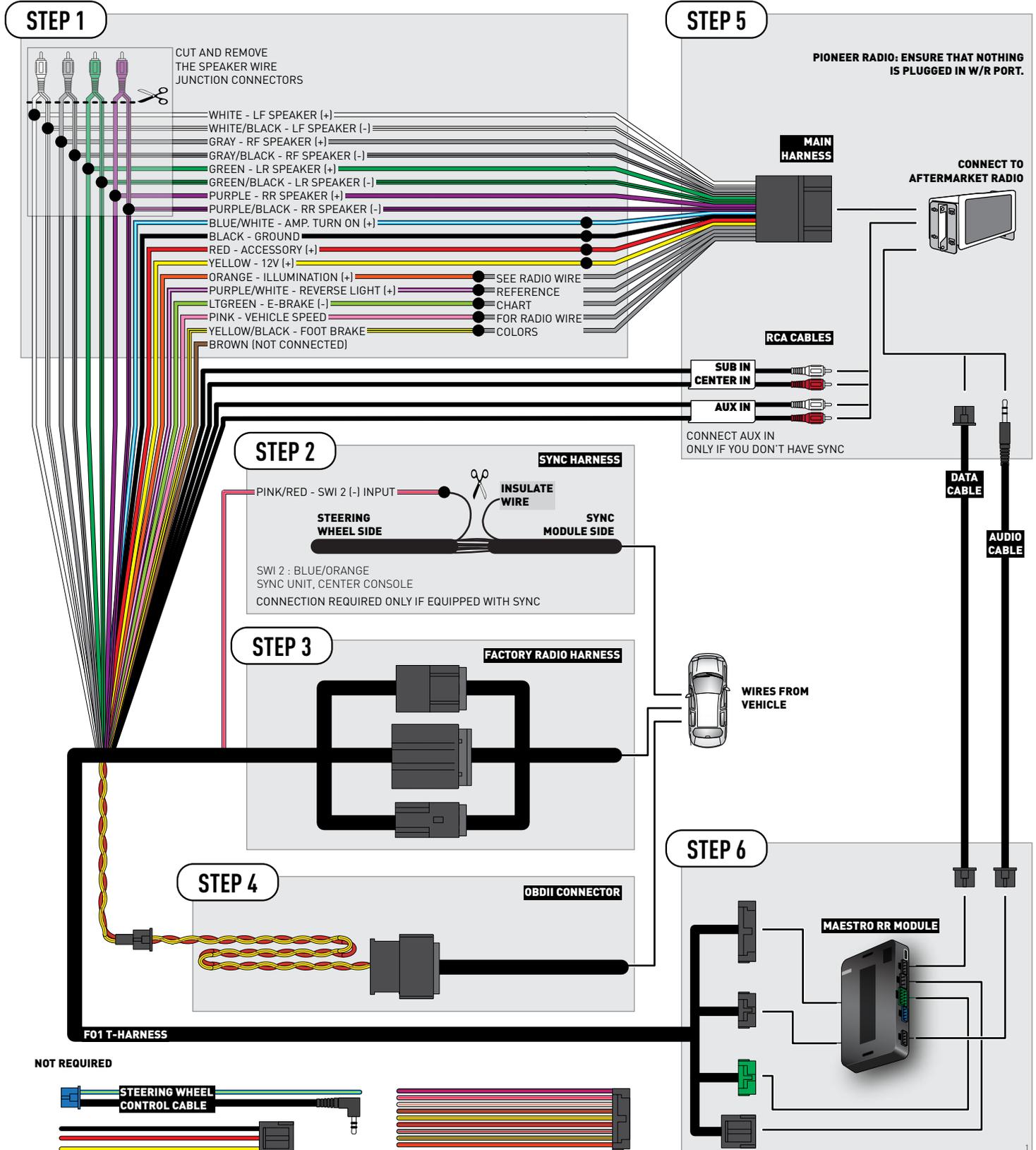
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface  
iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

#### OPTIONAL ACCESSORIES



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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.

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

# NEED HELP?

 1 866 427-2999

 [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)
- Remove the factory radio.

## STEP 2

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 3

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

## STEP 4

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

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

- Insert the RCA connectors into the aftermarket radio.

### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

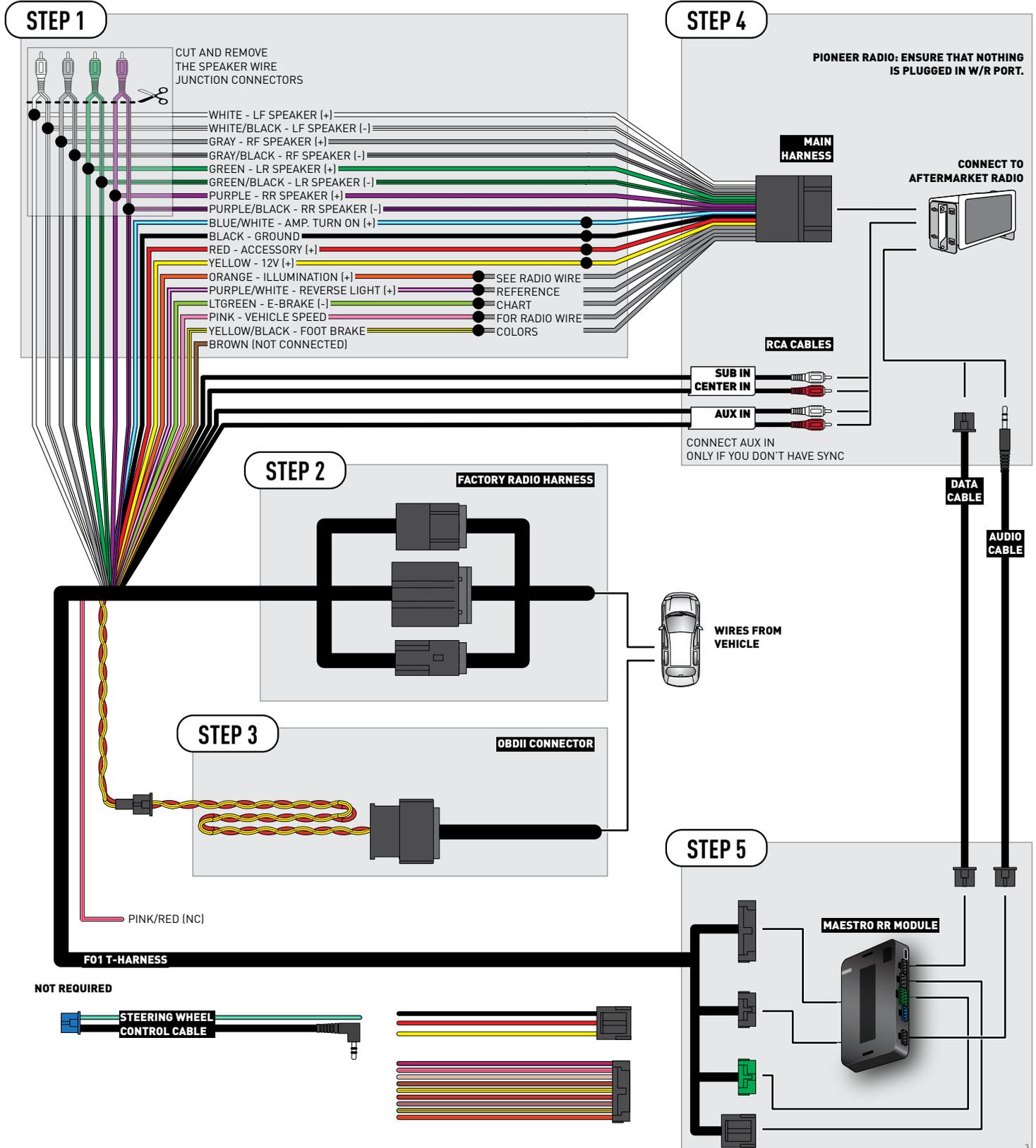
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

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iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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#### OPTIONAL ACCESSORIES

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# WELCOME

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

# NEED HELP?

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)
- Remove the factory radio.

## STEP 2

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 3

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

## STEP 4

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

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

- Insert the RCA connectors into the aftermarket radio.

### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

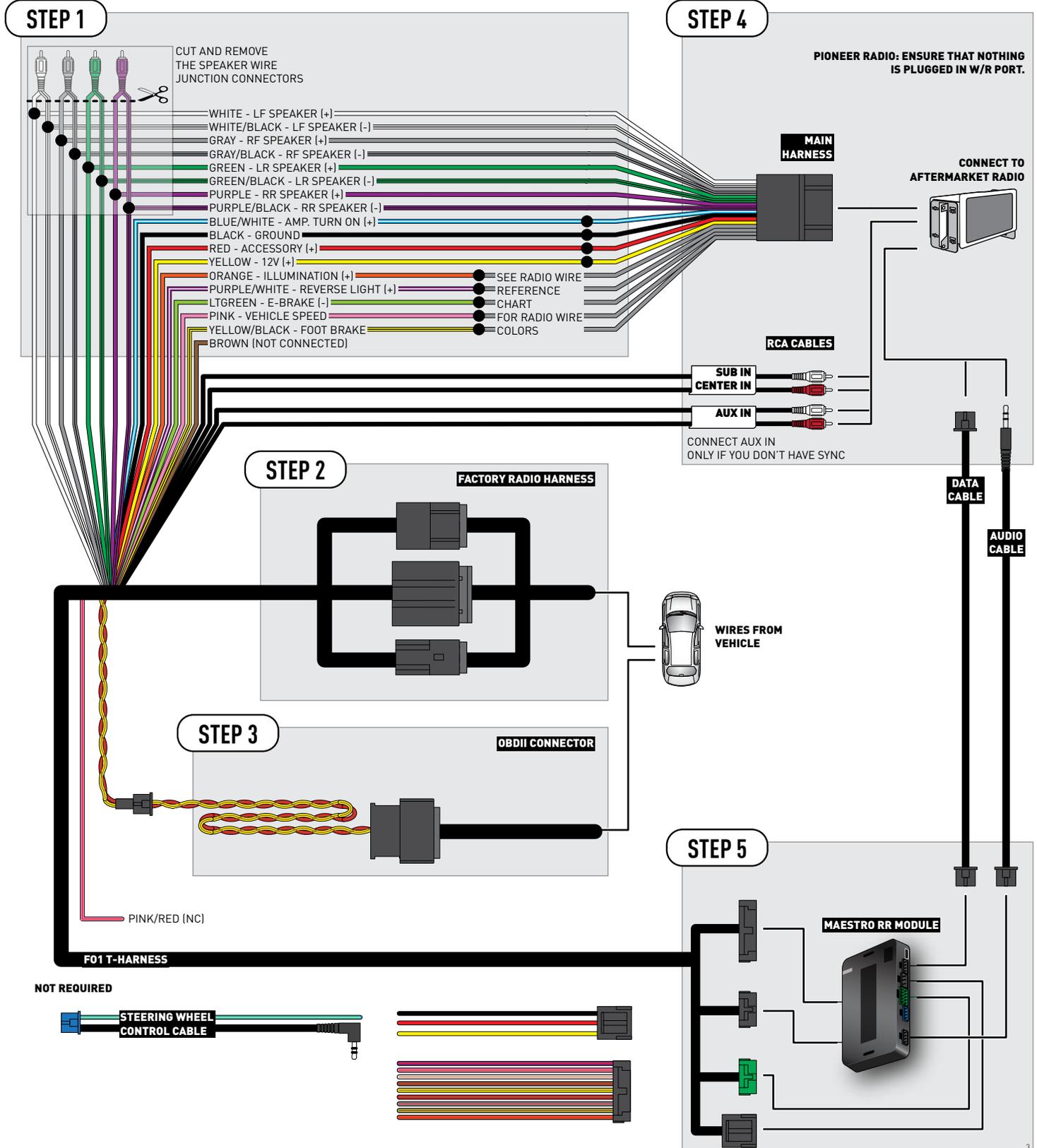
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

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iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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#### OPTIONAL ACCESSORIES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

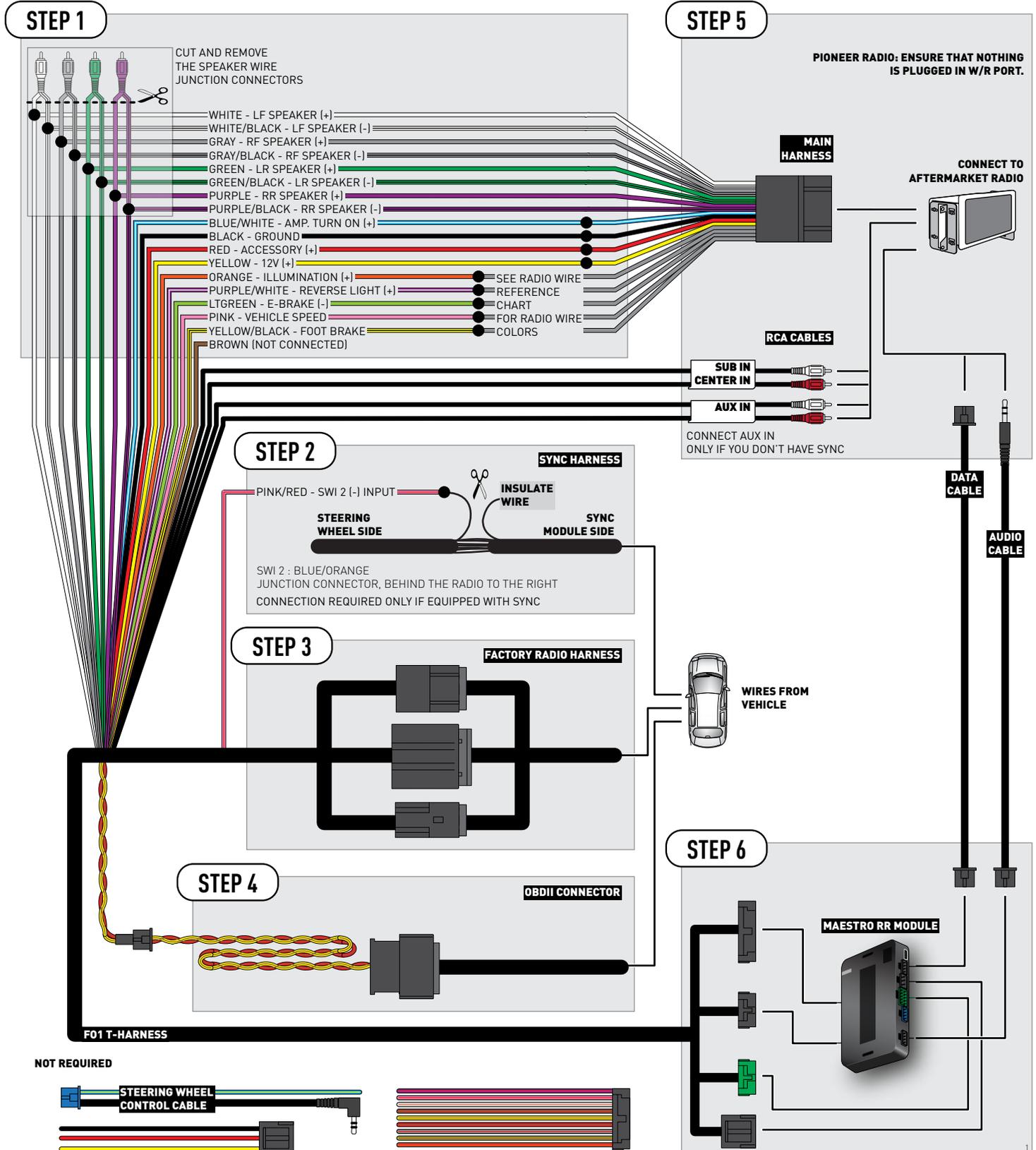
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The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable	Wire Color on Sony cable
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E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
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# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

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#### PRODUCTS REQUIRED

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iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

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### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

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- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

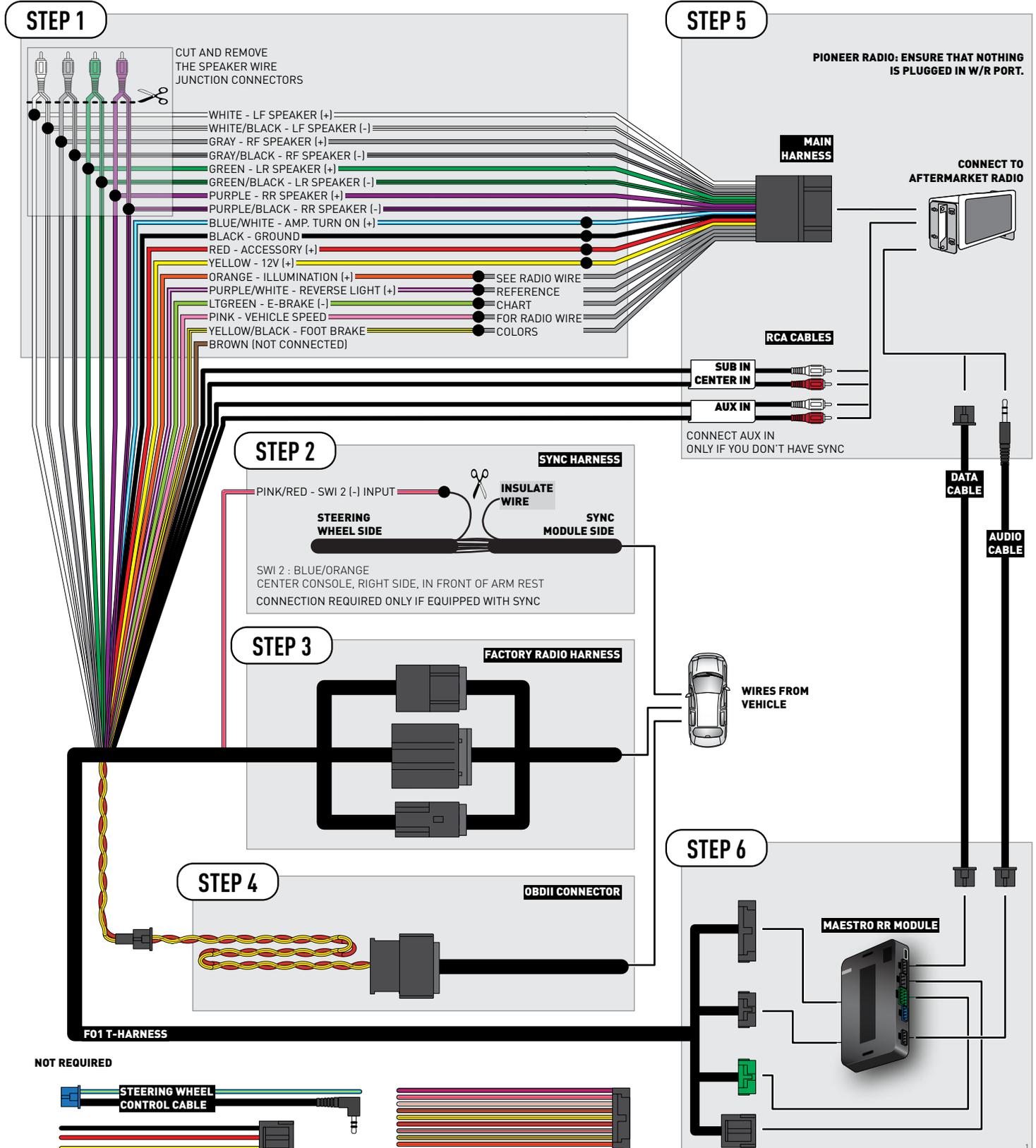
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

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

## TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: [maestro.support@idatalink.com](mailto:maestro.support@idatalink.com)

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

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

RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



#### PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface  
iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

[Maestro RR2 Programmable Outputs Guide](#)

#### OPTIONAL ACCESSORIES

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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.

**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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## TABLE OF CONTENTS

Installation Instructions	3
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Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)
- Remove the factory radio.

## STEP 2

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 3

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

## STEP 4

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

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

- Insert the RCA connectors into the aftermarket radio.

### NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

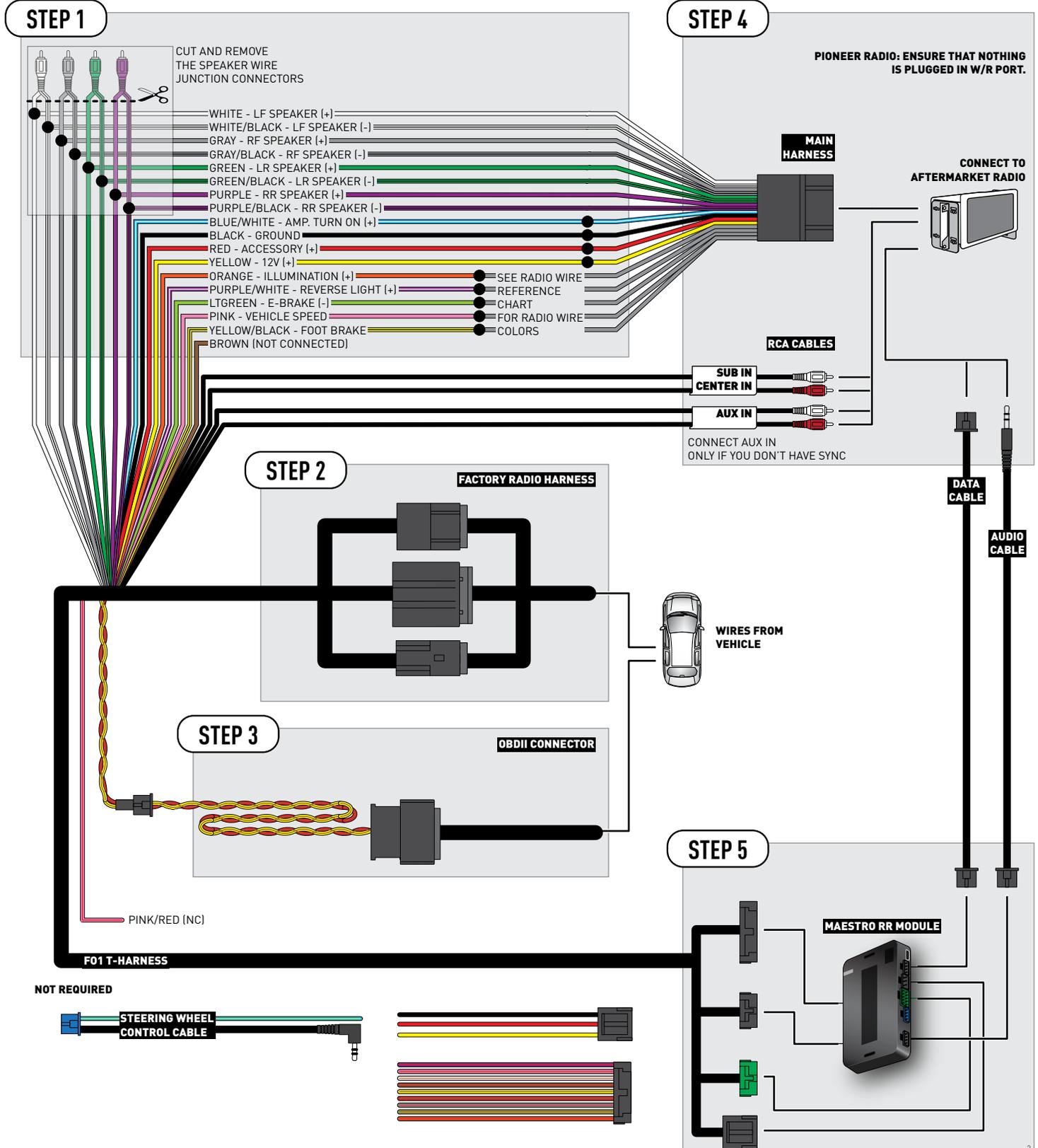
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

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

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RETAINS STEERING WHEEL CONTROLS, SYNC VOICE COMMANDS, SYNC BLUETOOTH AND MORE!



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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
Troubleshooting Table	6

# INSTALLATION INSTRUCTIONS

## STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the F01 T-harness and match the wire colors. (Refer to Diagram)

## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

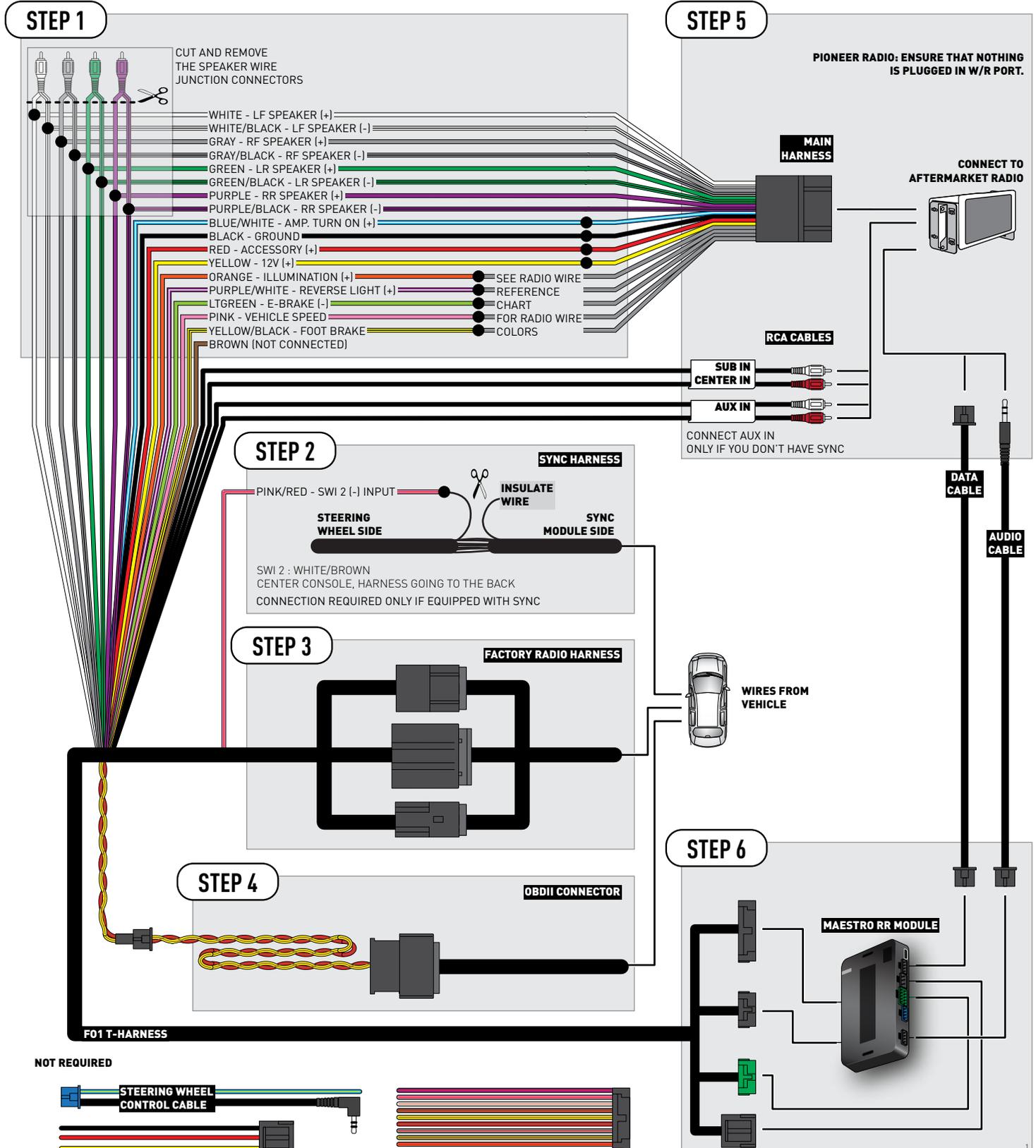
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

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

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds to show the reset was successful.

## TECHNICAL ASSISTANCE

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iDatalink Maestro FO1 Installation Harness

#### PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-DS

#### ADDITIONAL RESOURCES

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## TABLE OF CONTENTS

Installation Instructions	3
Wiring Diagram	4
Radio Wire Reference Chart	5
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## STEP 2

### Vehicles equipped with navigation radios skip to Step 3.

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of F01 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

## STEP 3

- Connect the factory harness to the F01 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

## STEP 4

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

## STEP 5

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

- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (if there is no iDatalink audio input, connect to AUX).

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

- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

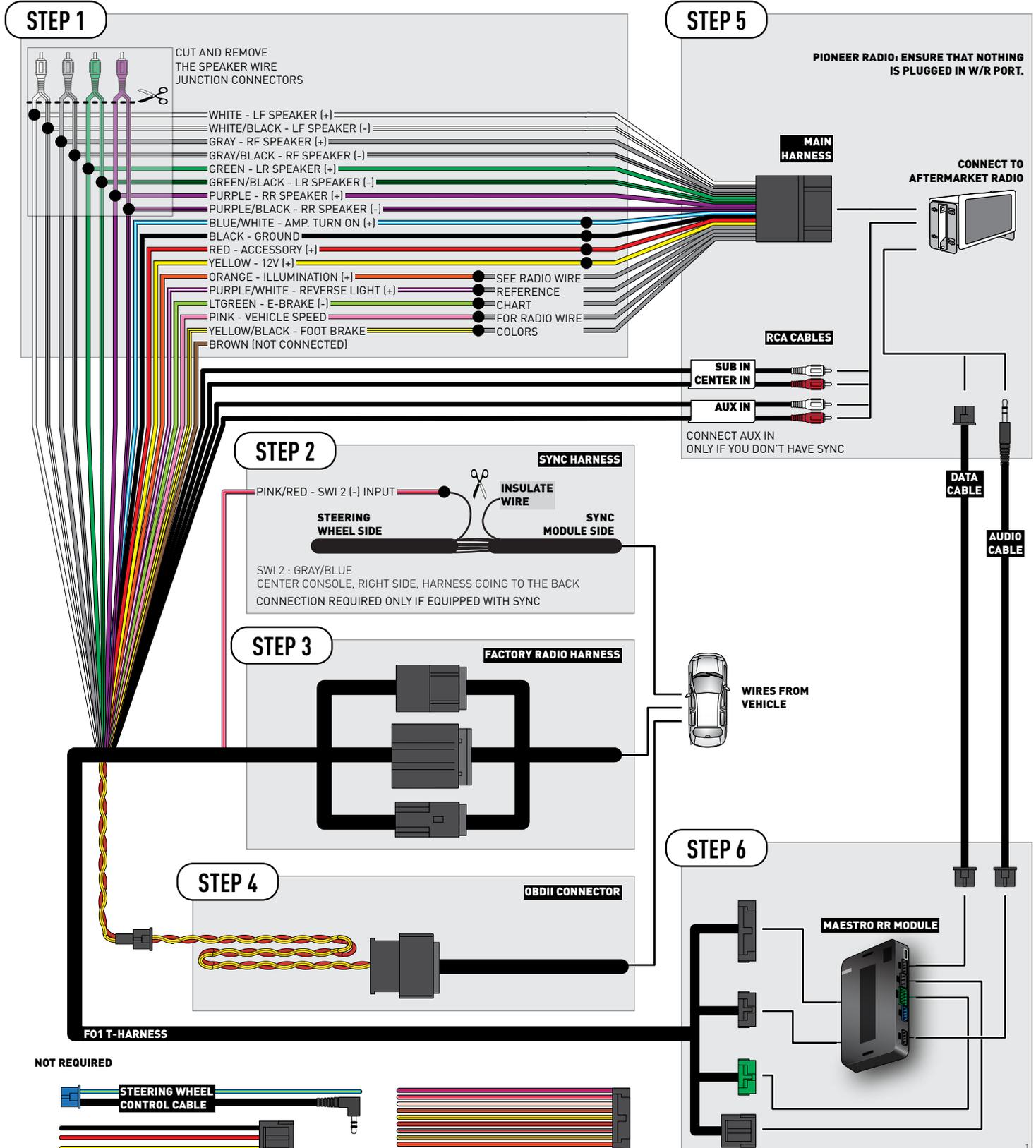
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## STEP 6

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module then test your installation.

# WIRING DIAGRAM



# RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable	Wire Color on Sony cable
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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A

# TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	<p>Ensure OBDII connector is securely attached to the OBDII connector of the vehicle.</p> <p>If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the <b>RED/ BROWN</b> wire is on <b>PIN 6</b> and the <b>YELLOW/ BROWN</b> wire is connected to <b>PIN 14</b> of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended.</p> <p>Reset the RR.</p>
There is no sound from Sync (if equipped).	<p>Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. Make sure it is in the correct radio input.</p>
The radio will not turn on, and there was no 16-pin plug connected to the OEM radio.	<p>The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect the <b>BROWN/RED</b> and <b>BROWN/YELLOW</b> wires from the F01's 16-pin plug to:</p> <p><b>BROWN/RED</b> to pin 3 (<b>GRAY/ORANGE</b>) and <b>BROWN/YELLOW</b> to pin 11 (<b>VIOLET/ ORANGE</b>) at the OBDII.</p>
The light on the Maestro is flashing <b>RED ONCE</b> .	<p>There is no firmware on the module; flash the RR module.</p>
The light on the Maestro is blinking <b>RED TWICE</b> .	<p>Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty.</p> <p>Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.</p>

## MAESTRO RR RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.

Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will flash RED rapidly (this may take up to 10 seconds).

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