SELECT VEHICLE
PRINT PAGES NEEDED

iDatalink maestro RR

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.

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.

INSTALL GUIDE

2013-2016
SCION FR-S
BASE

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

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

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

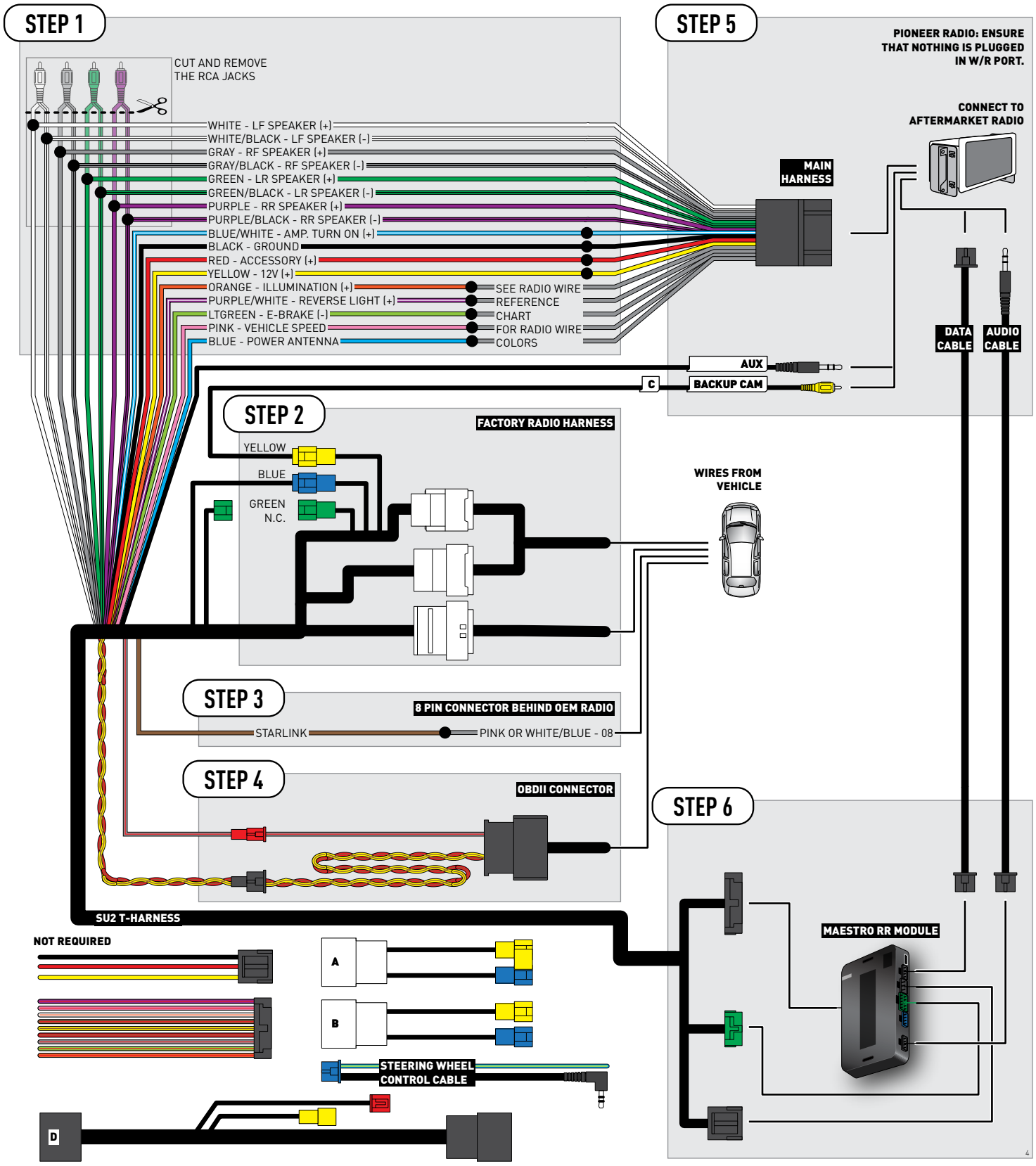
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2013-2016
SCION FR-S
WITH AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Cut the Brow/Red wire from SU2 T-Harness (see Wiring Diagram) and connect it to the Blue/White wire from aftermarket radio main harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

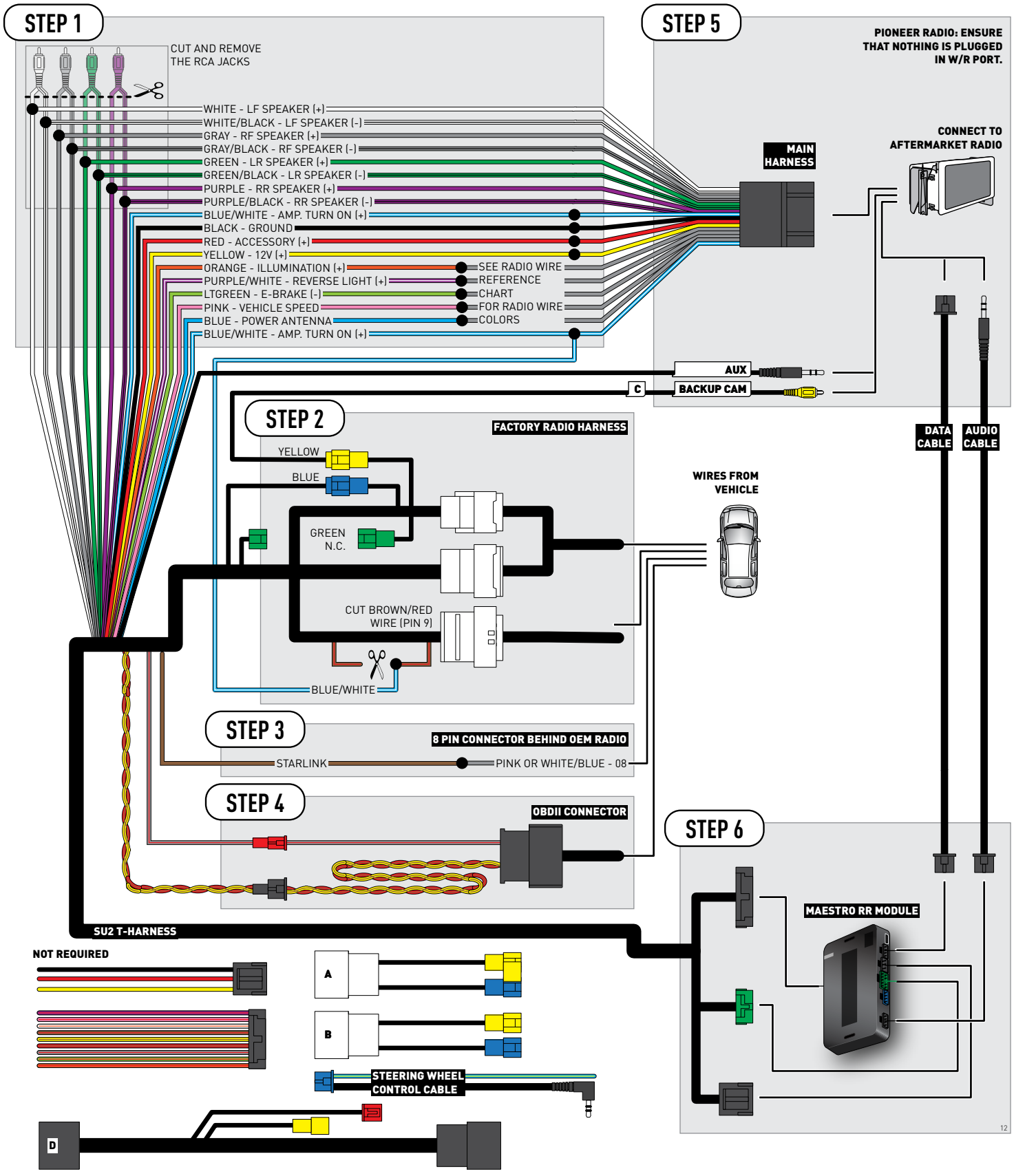
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2013-2016
SCION FR-S
WITH NAV

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

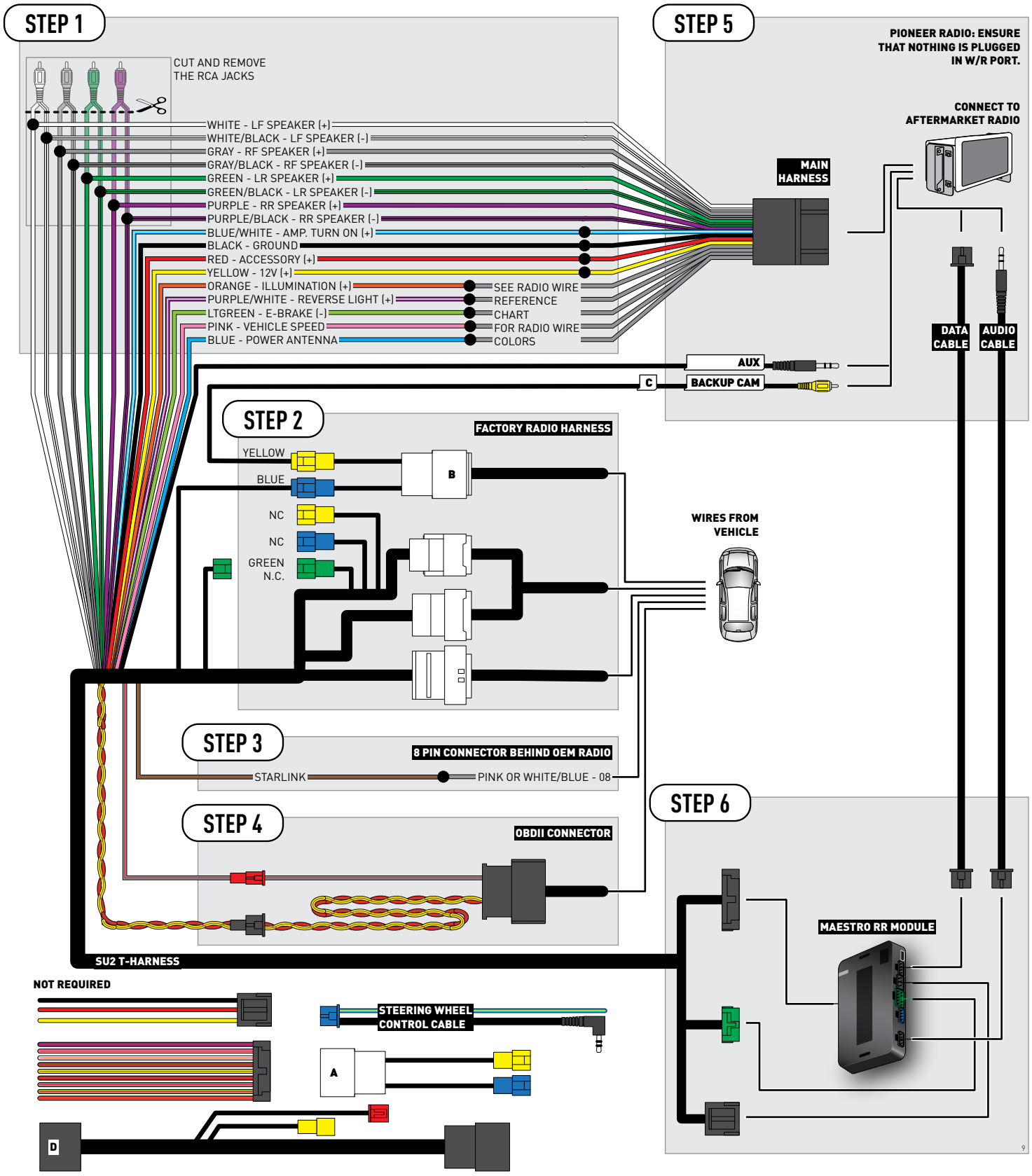
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2013-2016
SCION FR-S
WITH NAV WITH AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

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ACC-uSU2

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Cut the Brow/Red wire from SU2 T-Harness (see Wiring Diagram) and connect it to the Blue/White wire from aftermarket radio main harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
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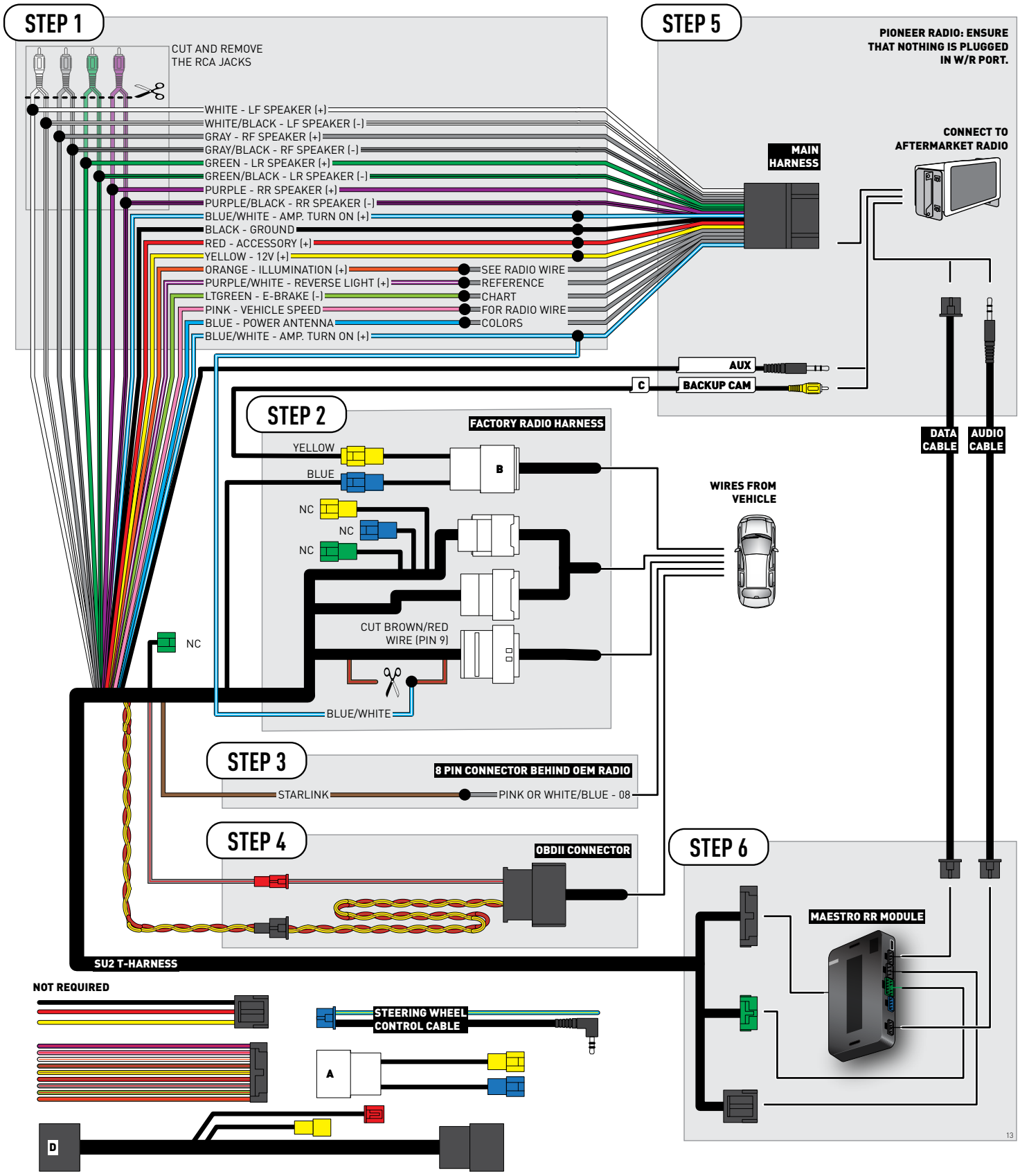
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STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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INSTALL GUIDE

2013-2019
SUBARU BRZ
BASE

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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STEP 1

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- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
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- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

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- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
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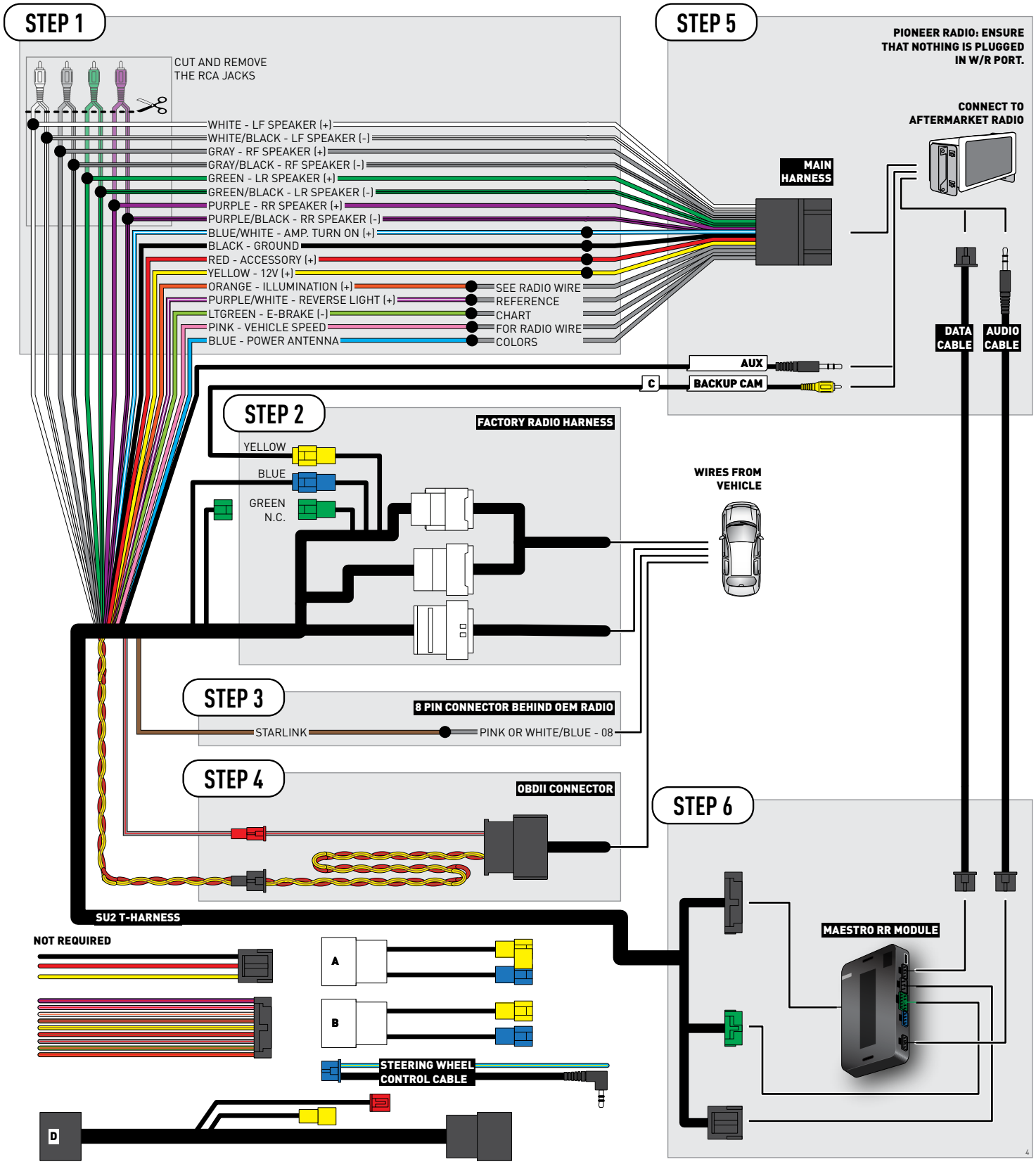
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2013-2019
SUBARU BRZ
WITH AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Cut the Brow/Red wire from SU2 T-Harness (see Wiring Diagram) and connect it to the Blue/White wire from aftermarket radio main harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

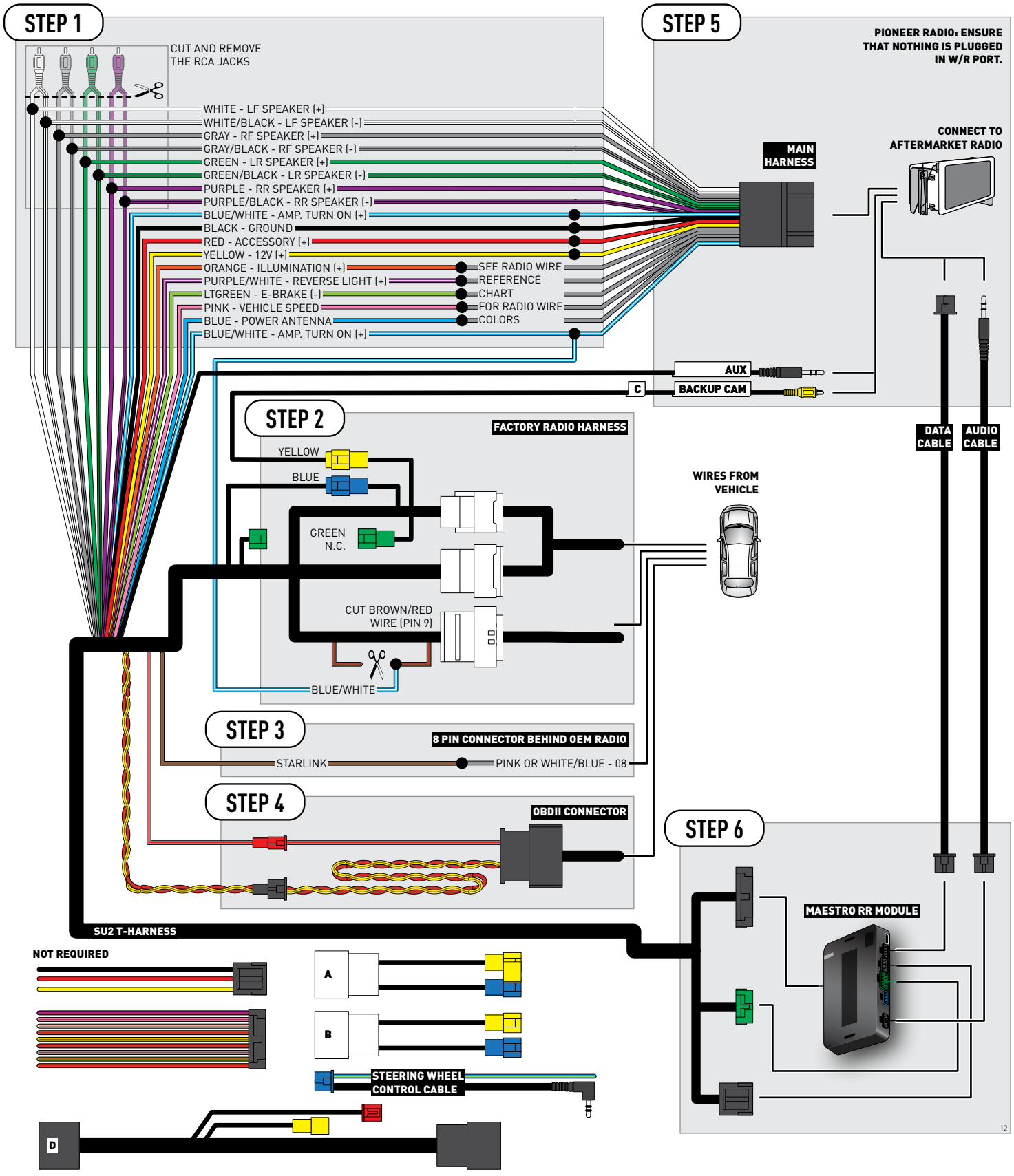
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2013-2019
SUBARU BRZ
WITH NAV

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

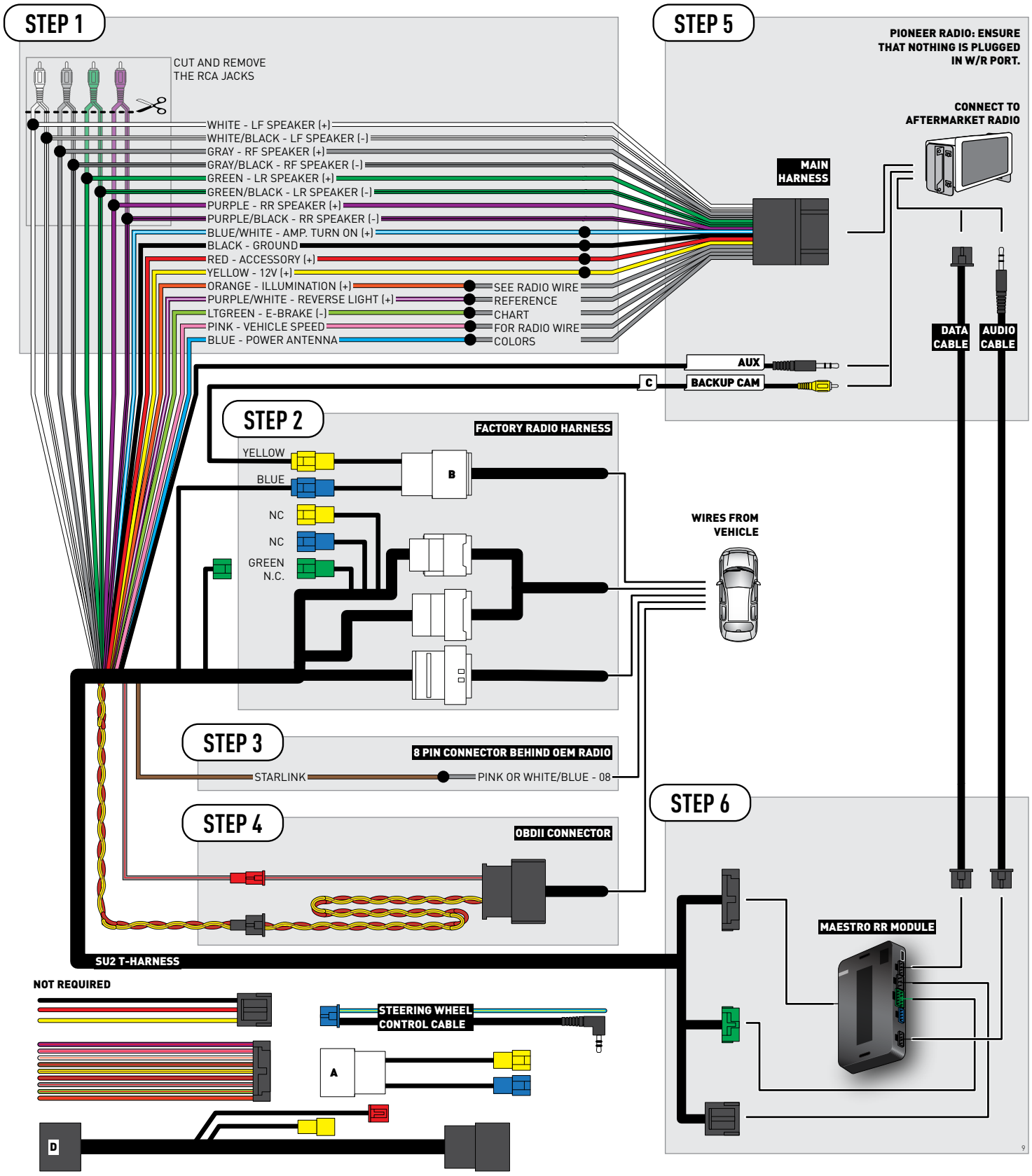
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2013-2019
SUBARU BRZ
WITH NAV WITH AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 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.

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Cut the Brow/Red wire from SU2 T-Harness (see Wiring Diagram) and connect it to the Blue/White wire from aftermarket radio main harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

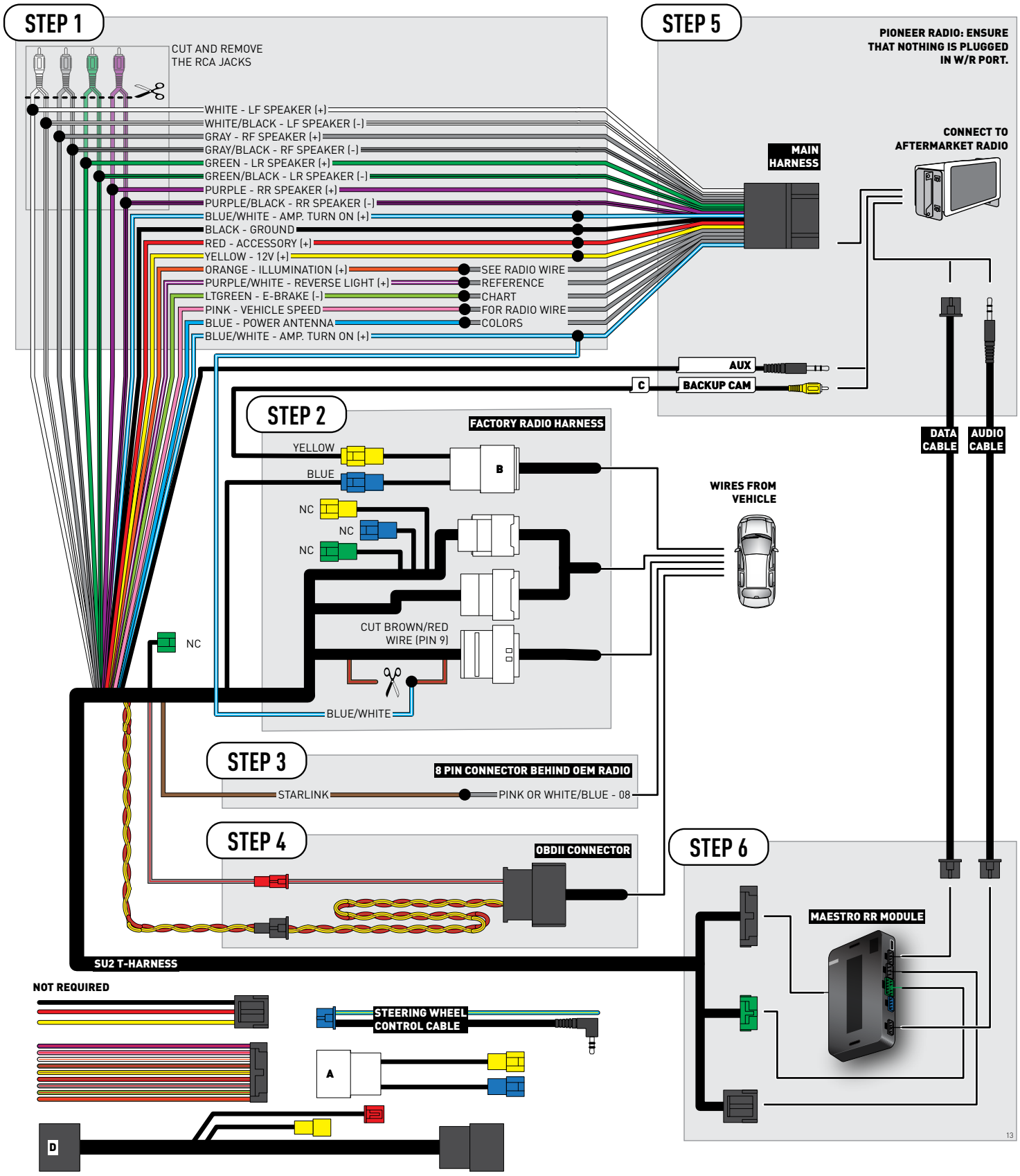
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2016-2017
SUBARU FORESTER
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
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ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

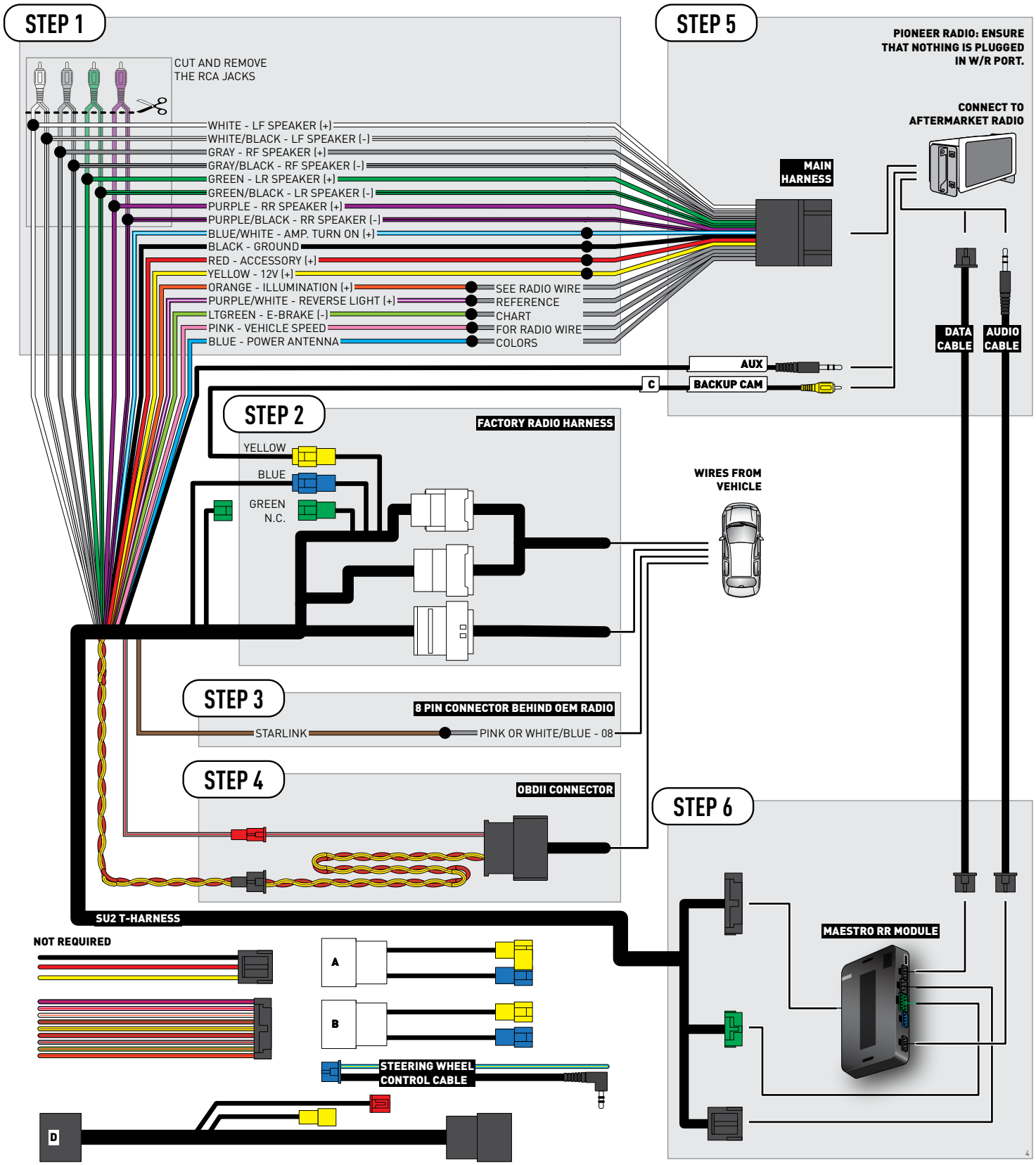
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2016-2017
SUBARU FORESTER
WITH 6.2 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

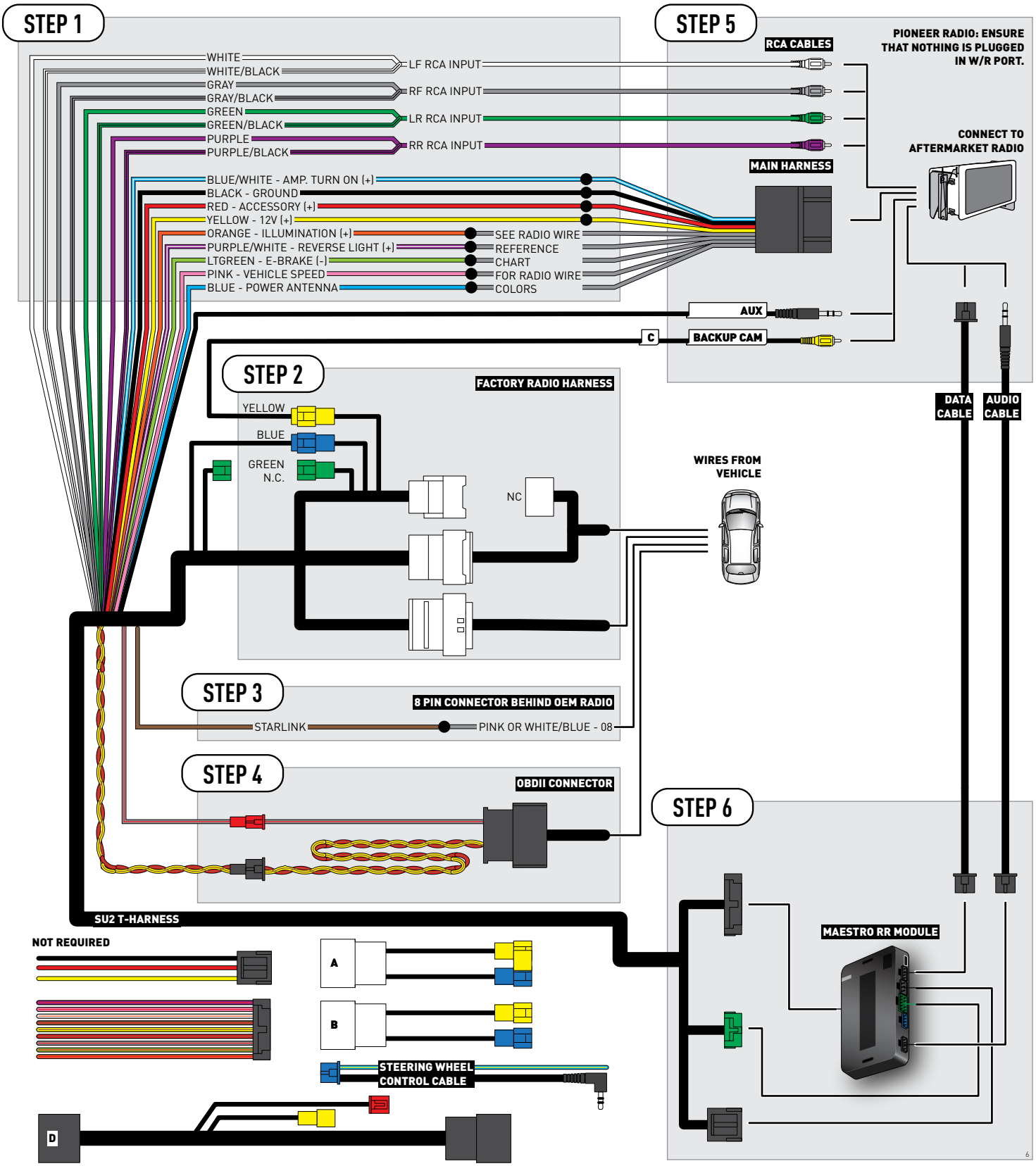
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2018
SUBARU FORESTER
WITH 6.5 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

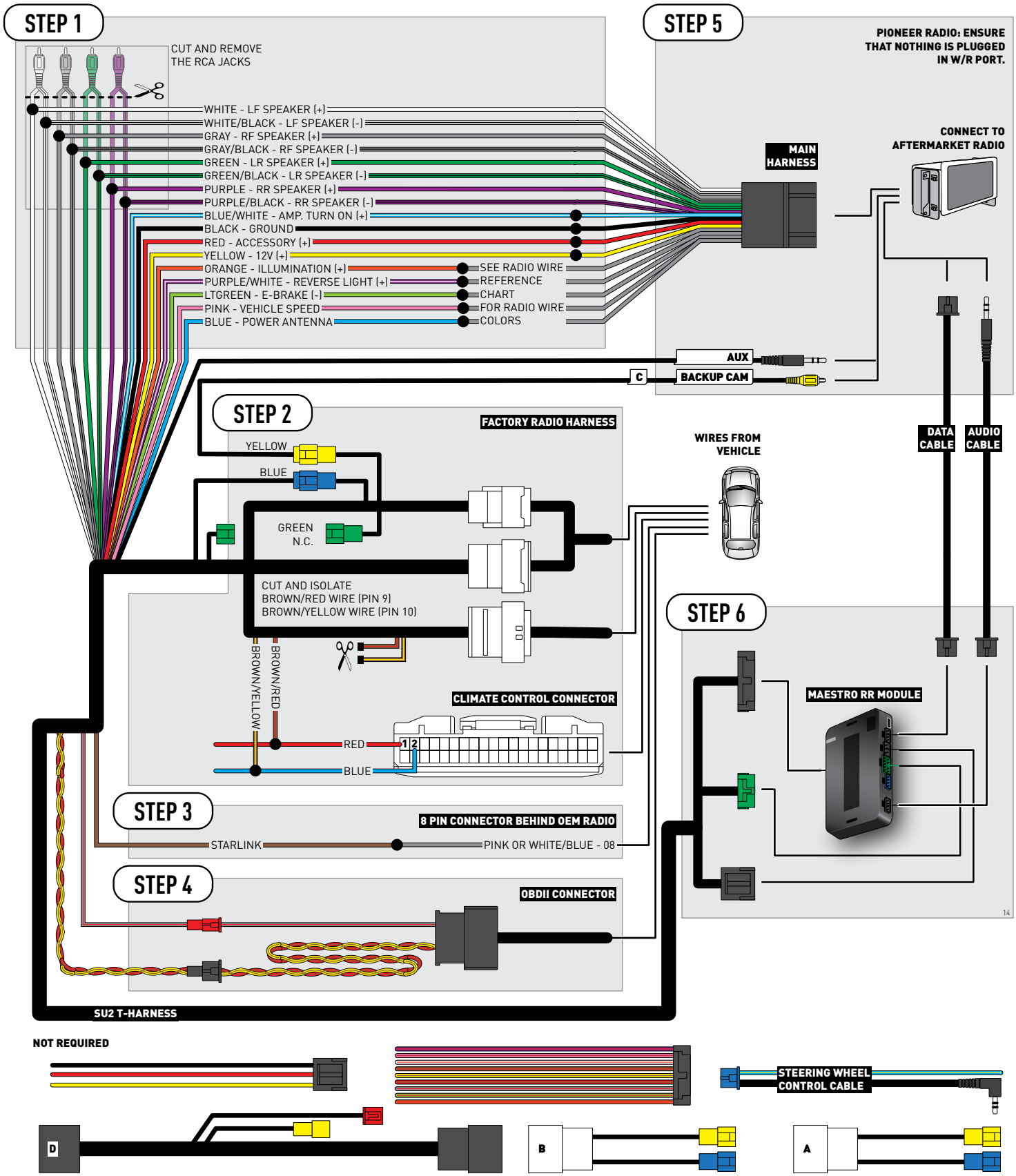
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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MAESTRO RR RESET PROCEDURE:

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

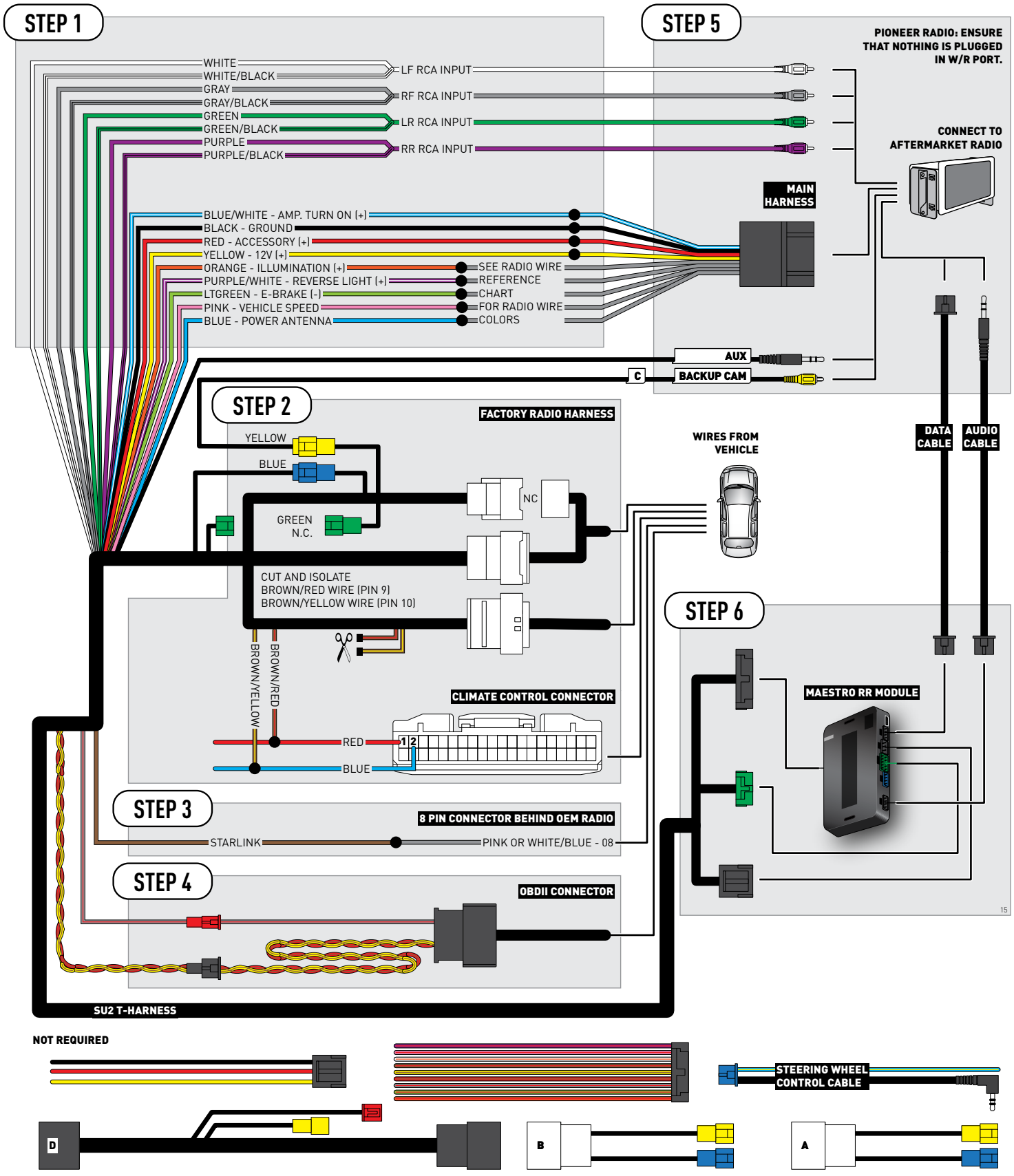
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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.

INSTALL GUIDE

2016-2017
SUBARU FORESTER
WITH 7 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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WELCOME

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Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

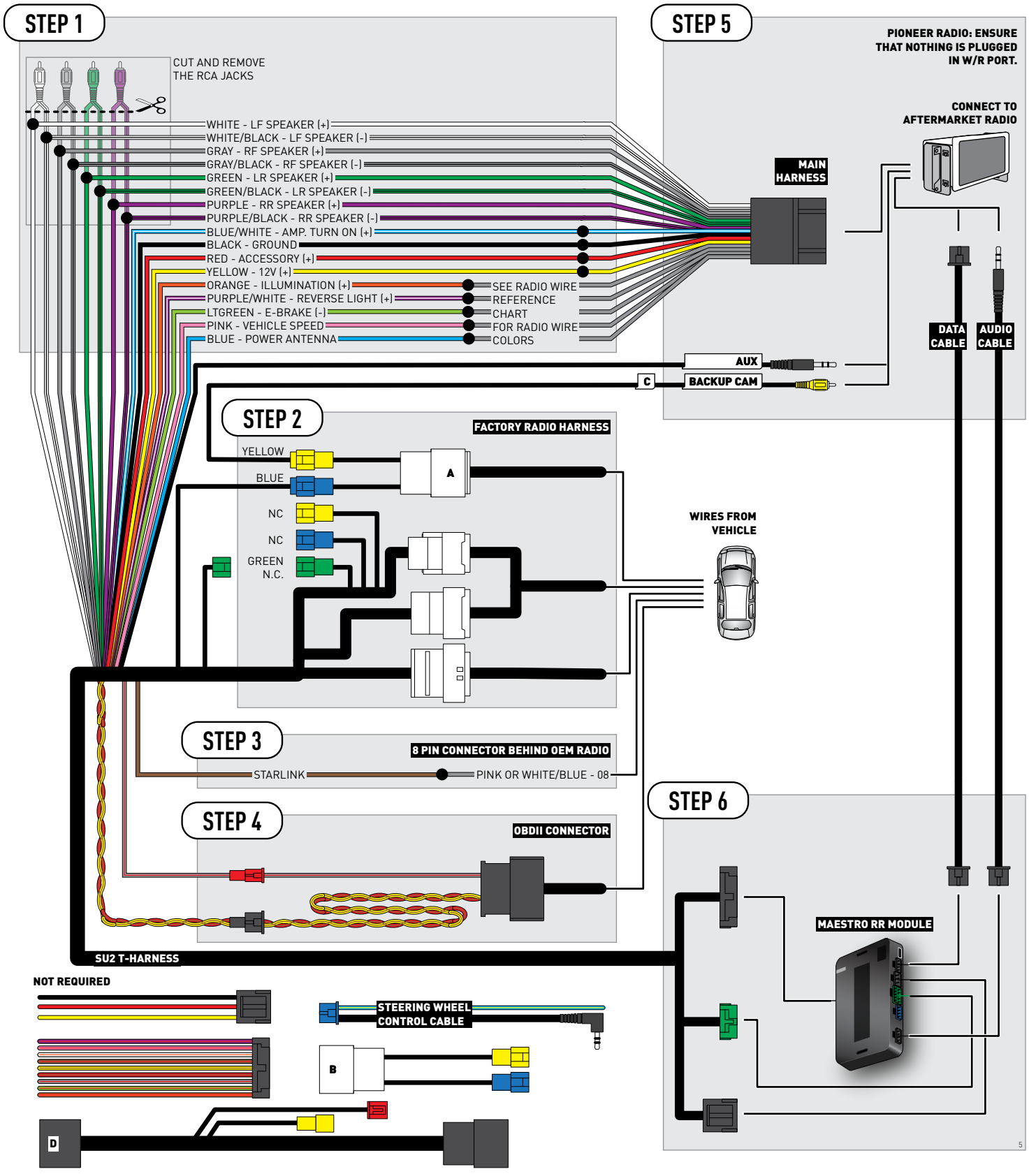
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

5

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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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INSTALL GUIDE

2018
SUBARU FORESTER
WITH 7 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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STEP 1

- Unbox the aftermarket radio and locate its main harness.
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STEP 2

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- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

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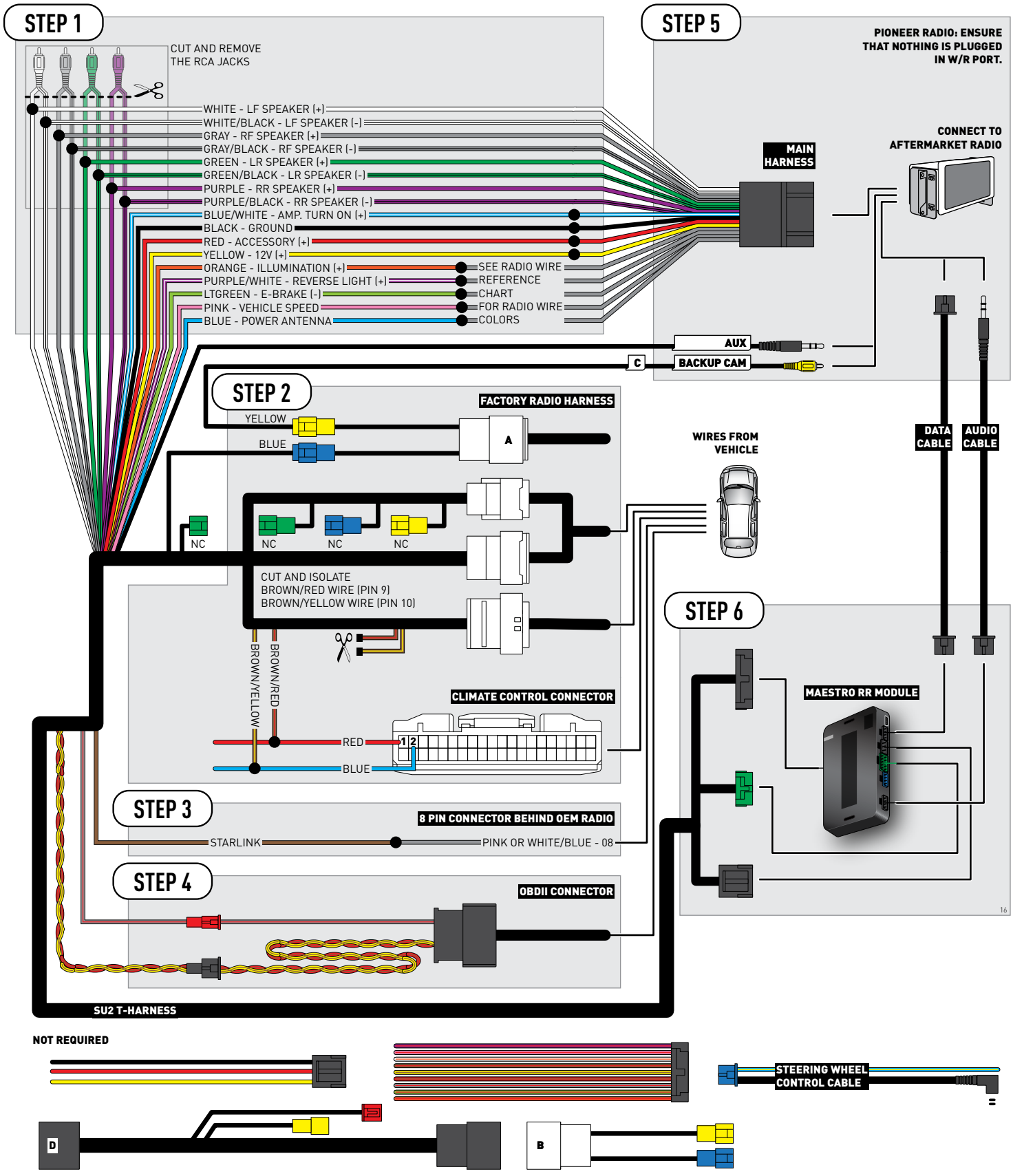
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STEP 6

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

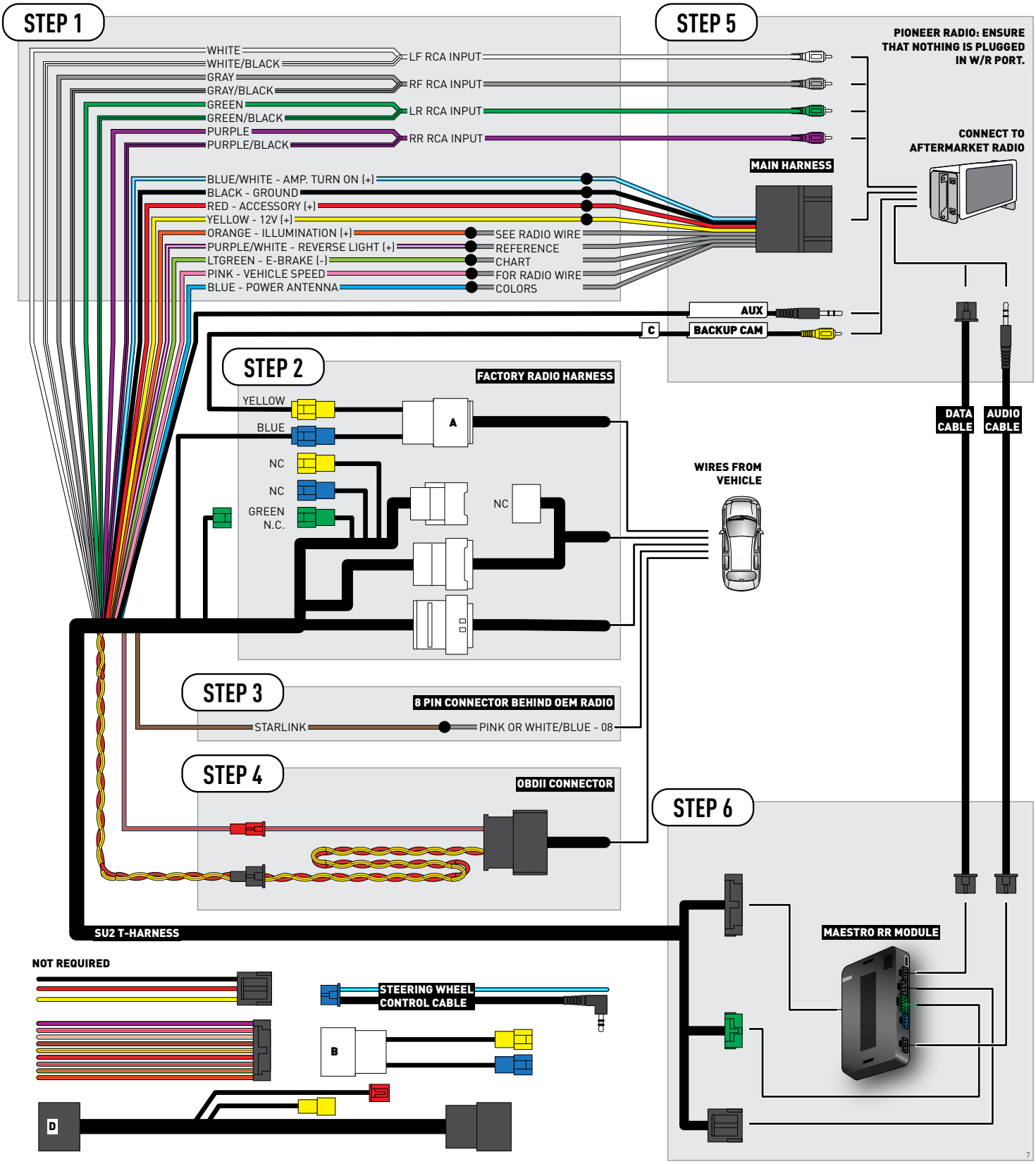
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2018
SUBARU FORESTER
WITH 7 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
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ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

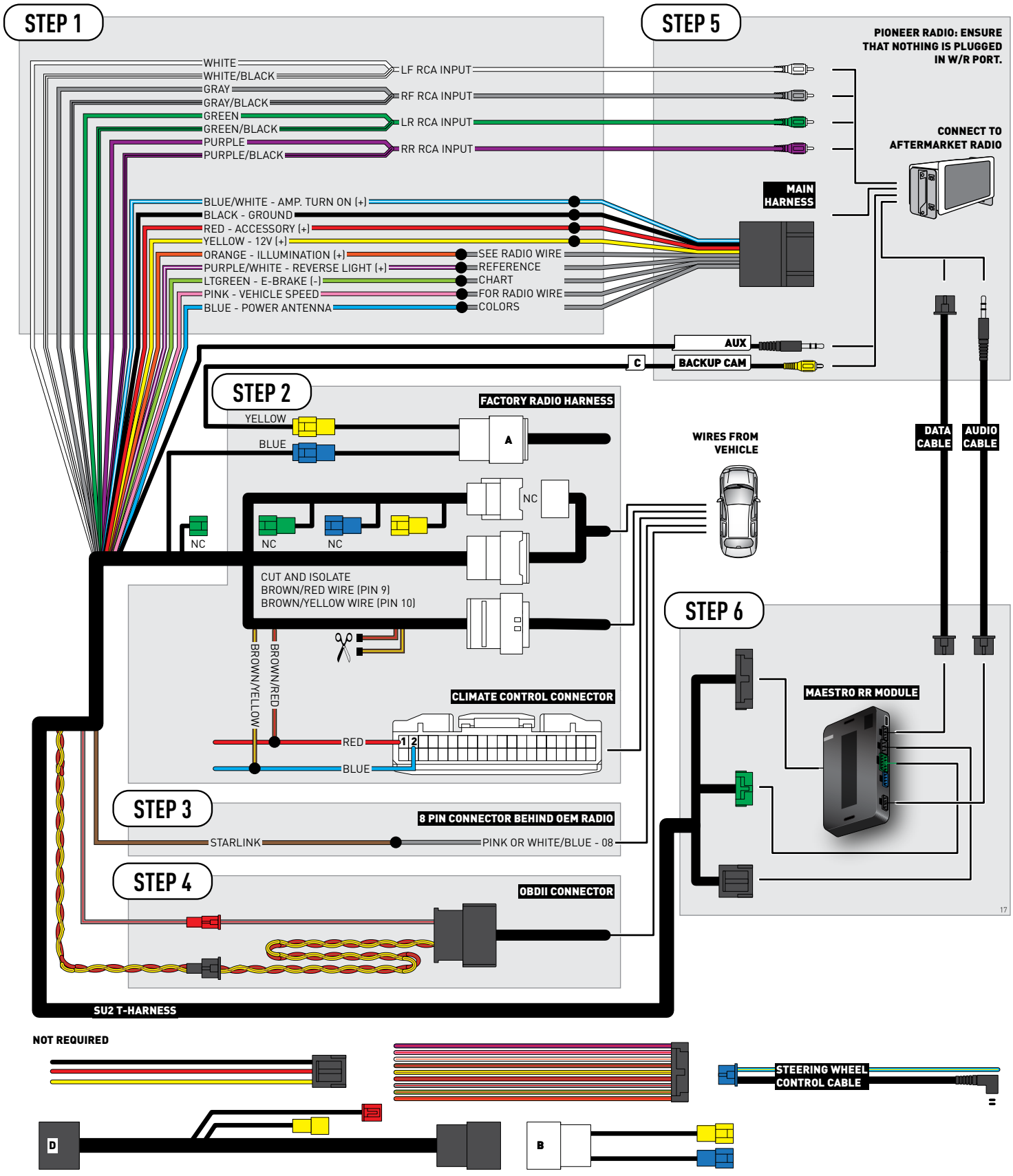
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2014-2015
SUBARU FORESTER
WITH NAV

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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

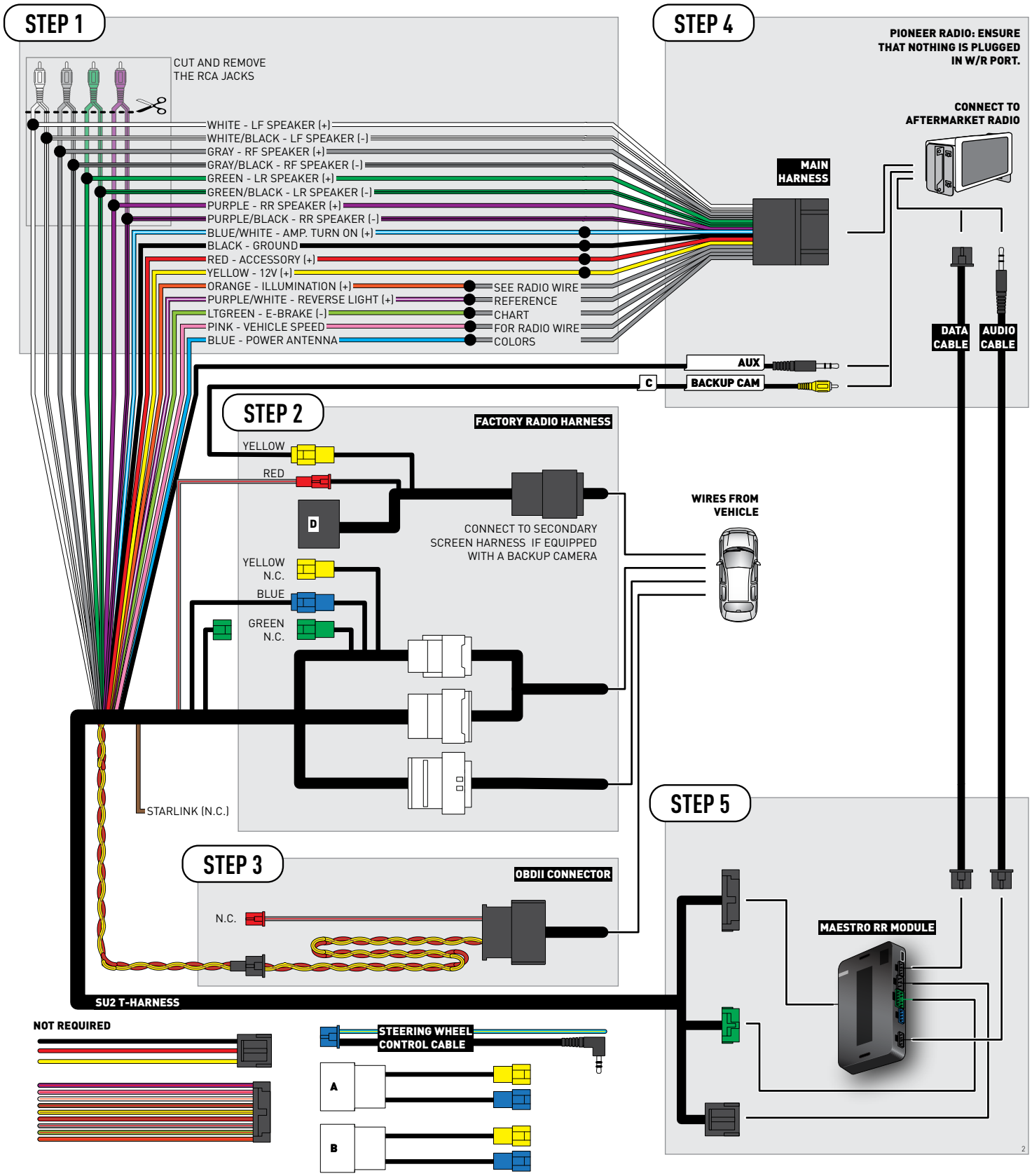
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2014-2015
SUBARU FORESTER
WITH NAV AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

K40 ELECTRONICS
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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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

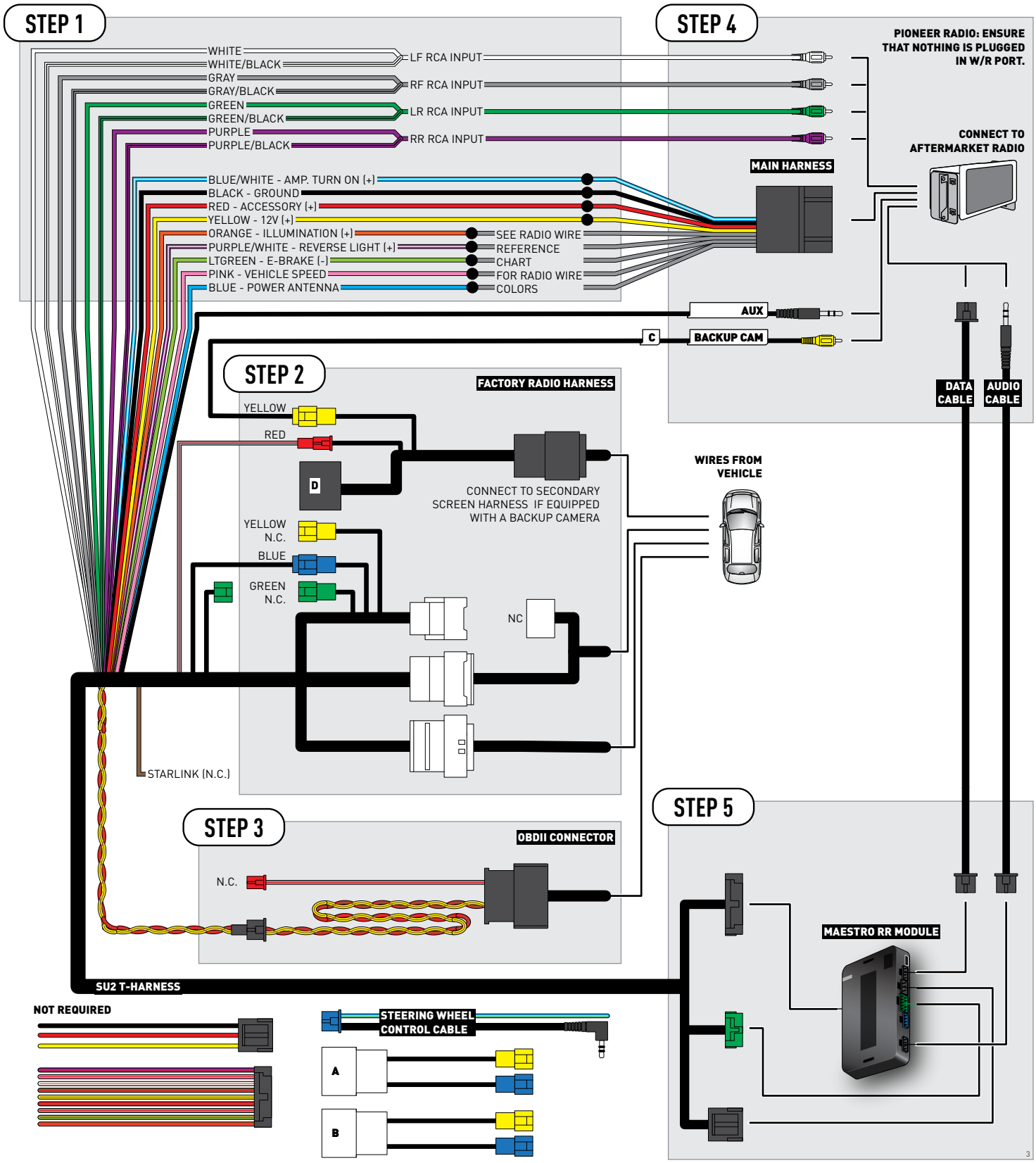
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2012
SUBARU FORESTER
WITH NAV AND SD CARD

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

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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.
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- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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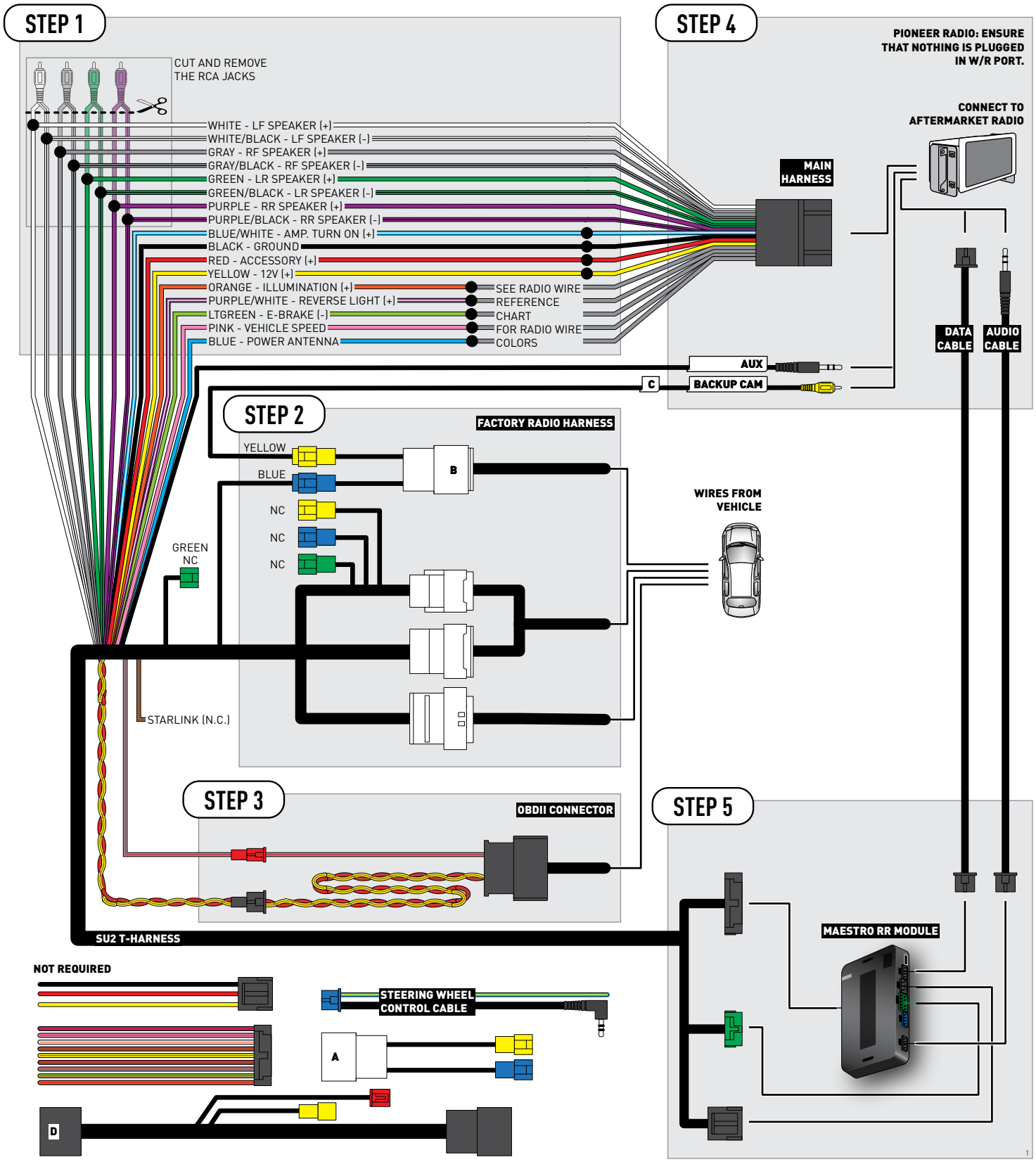
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

1

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

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INSTALL GUIDE

2013
SUBARU FORESTER
WITH NAV AND USB

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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

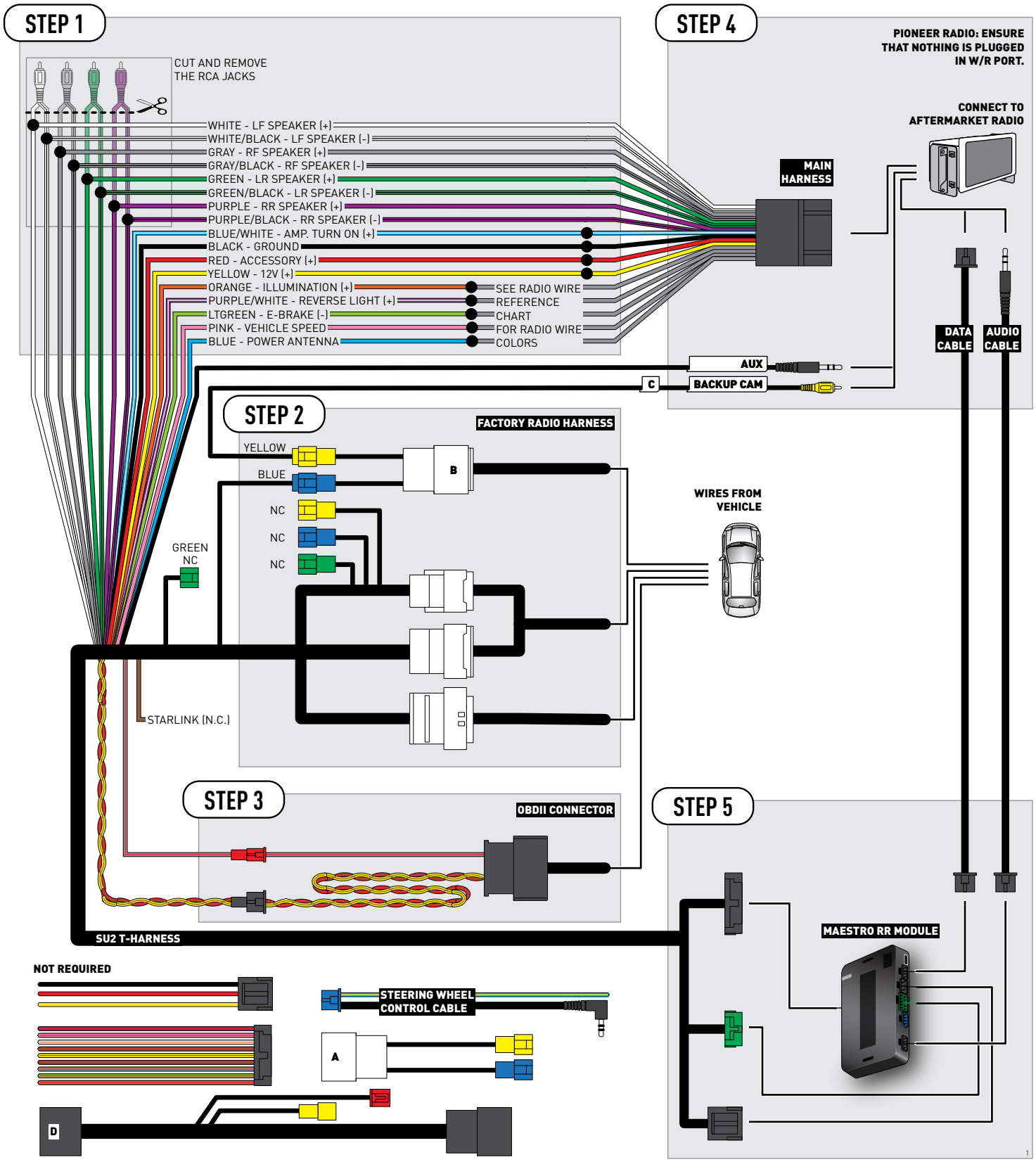
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

1

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2016
SUBARU IMPREZA
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

ACC-uSU2

Click here for:
Radar Installation Guides

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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Installation Instructions	3
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NEED HELP?

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

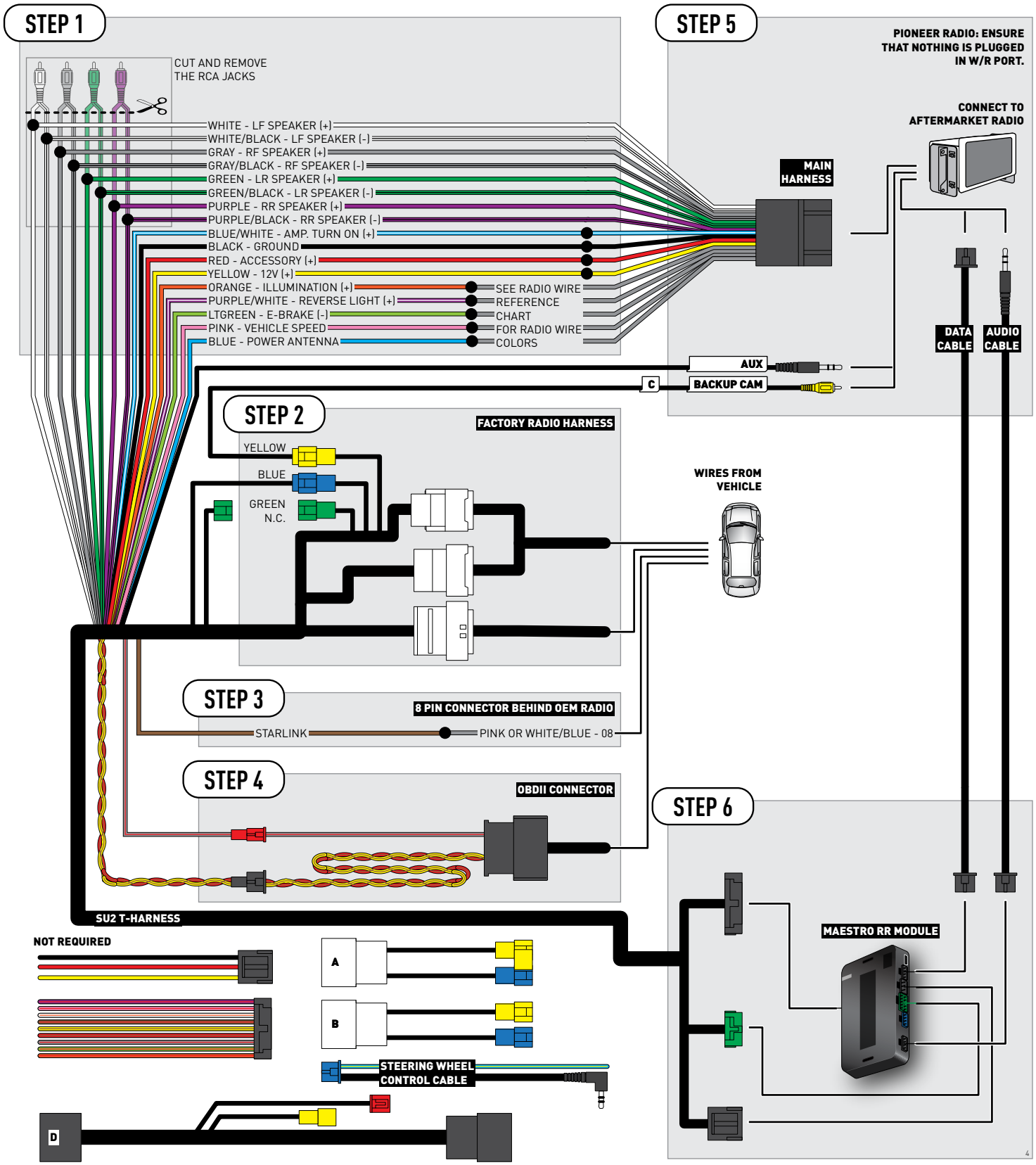
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

4

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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 add 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.

INSTALL GUIDE

2015-2016
SUBARU IMPREZA
WITH 6.2 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

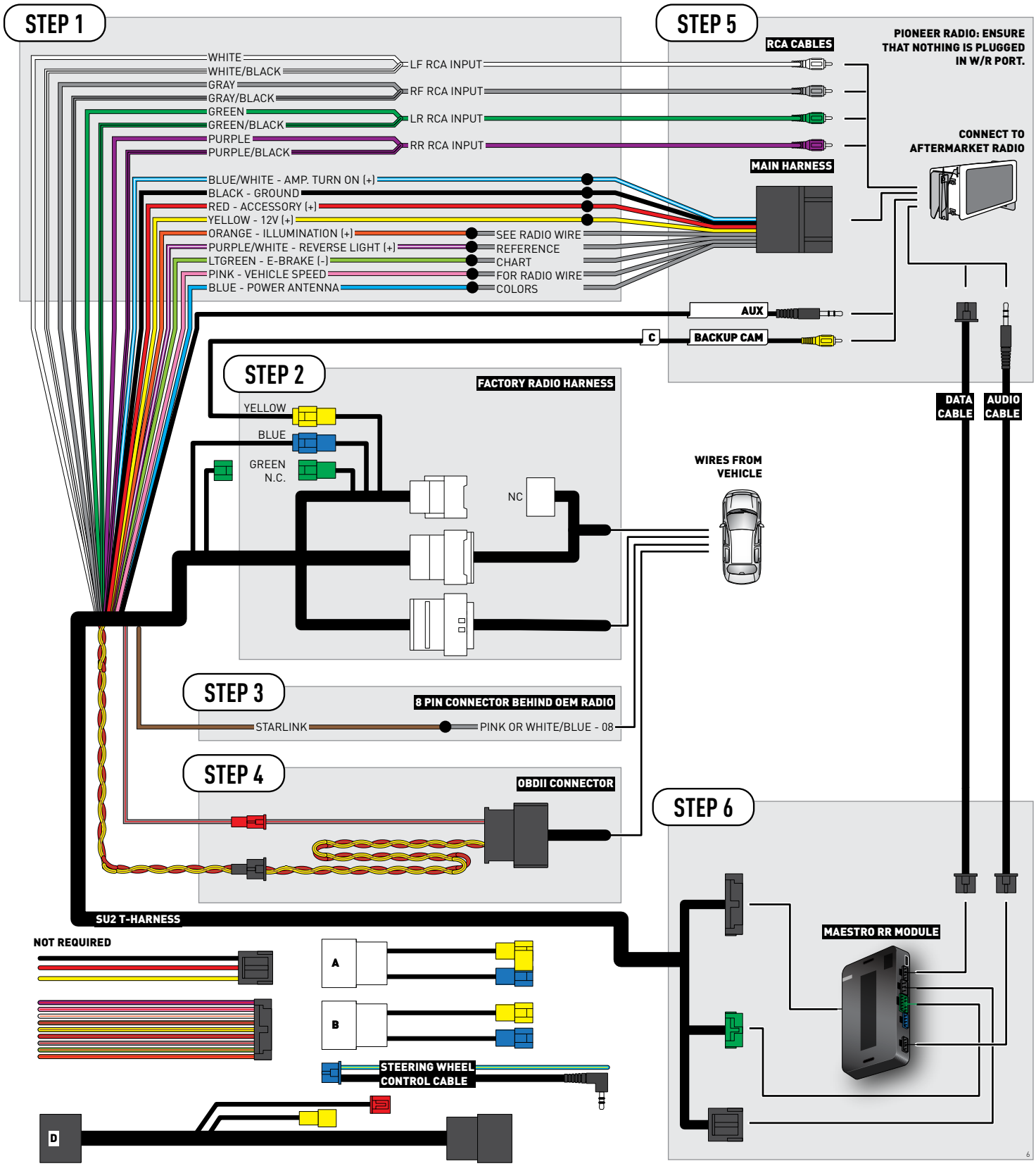
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2016
SUBARU IMPREZA
WITH 7 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

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ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

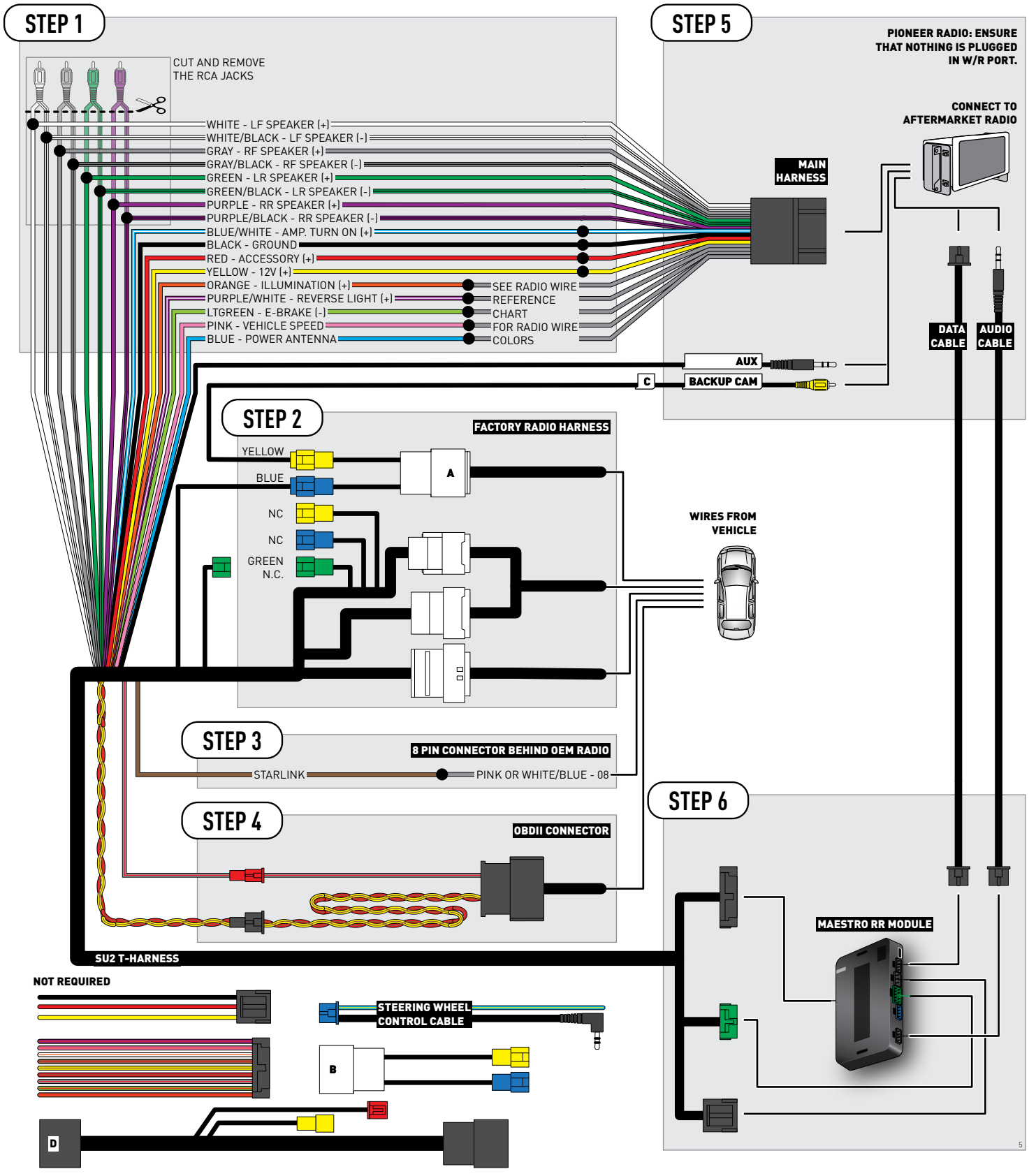
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

5

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2016
SUBARU IMPREZA
WITH 7 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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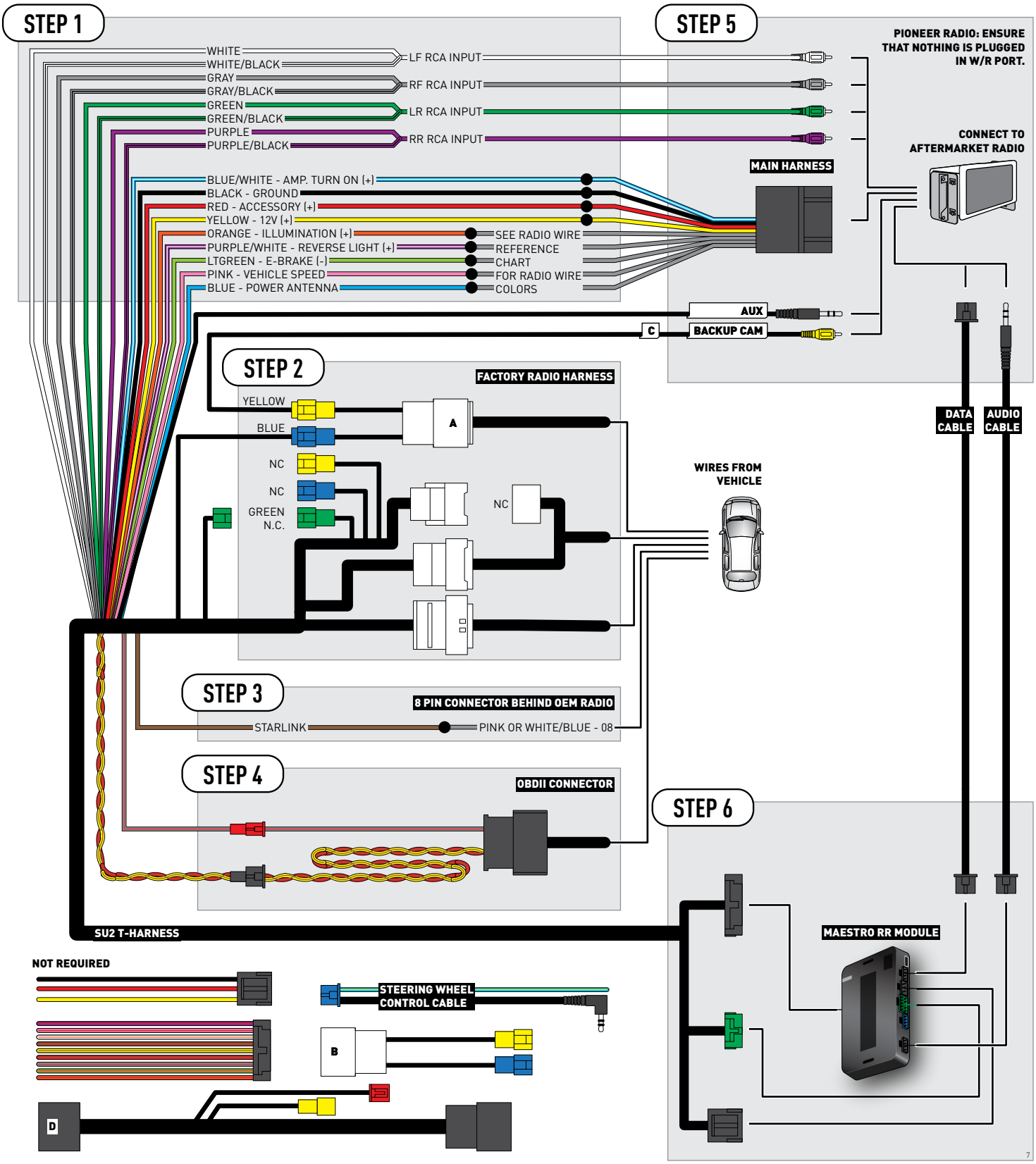
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

7

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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MAESTRO RR RESET PROCEDURE:

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

INSTALL GUIDE

2012-2014
SUBARU IMPREZA
WITH NAV AND HARMAN KARDON AND OEM CAMERA ON RADIO

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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

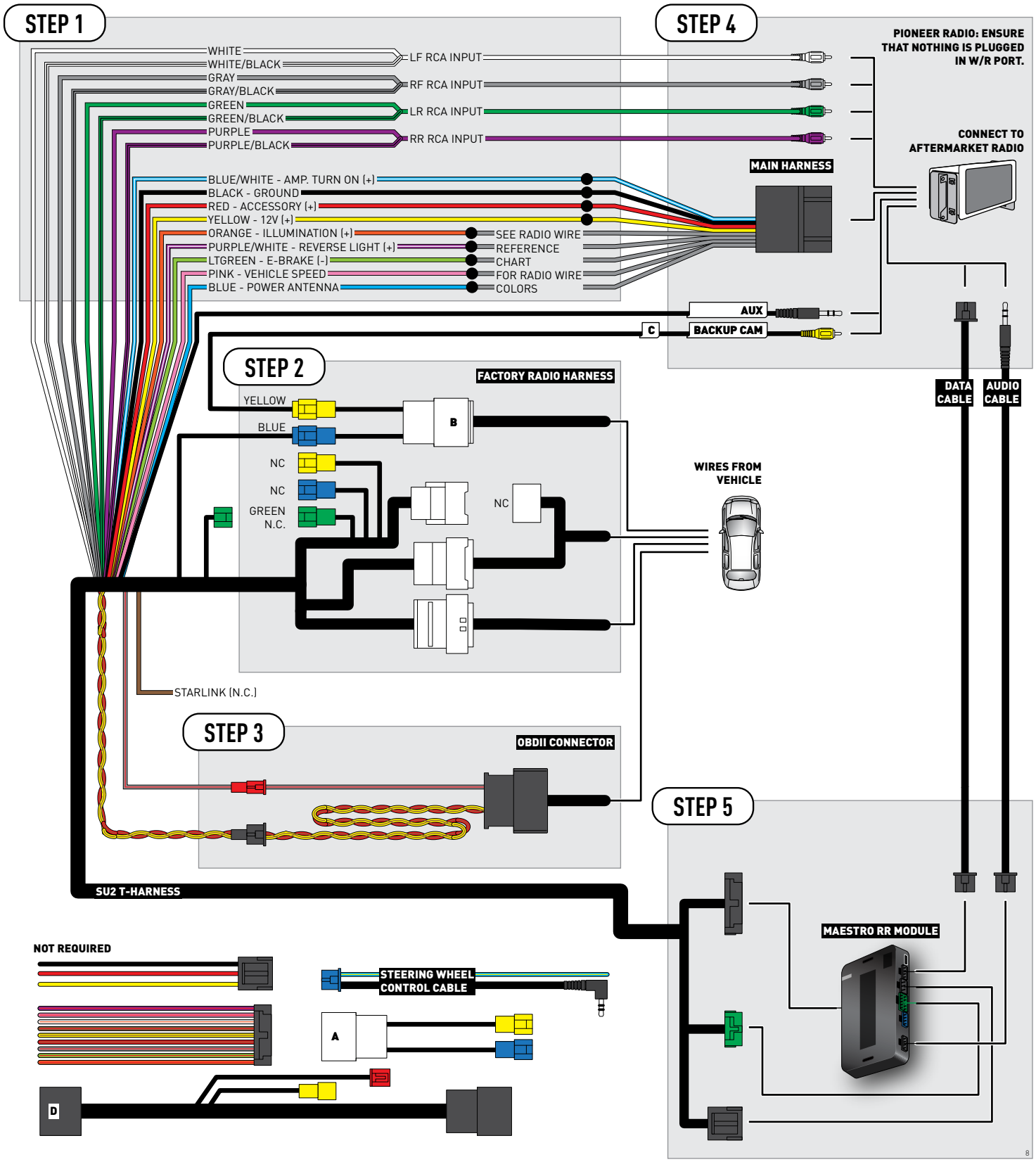
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

8

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

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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.

INSTALL GUIDE

2012-2014
SUBARU IMPREZA
WITH NAV AND HARMAN KARDON AND OEM CAMERA ON SECONDARY DISPLAY

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
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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.

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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

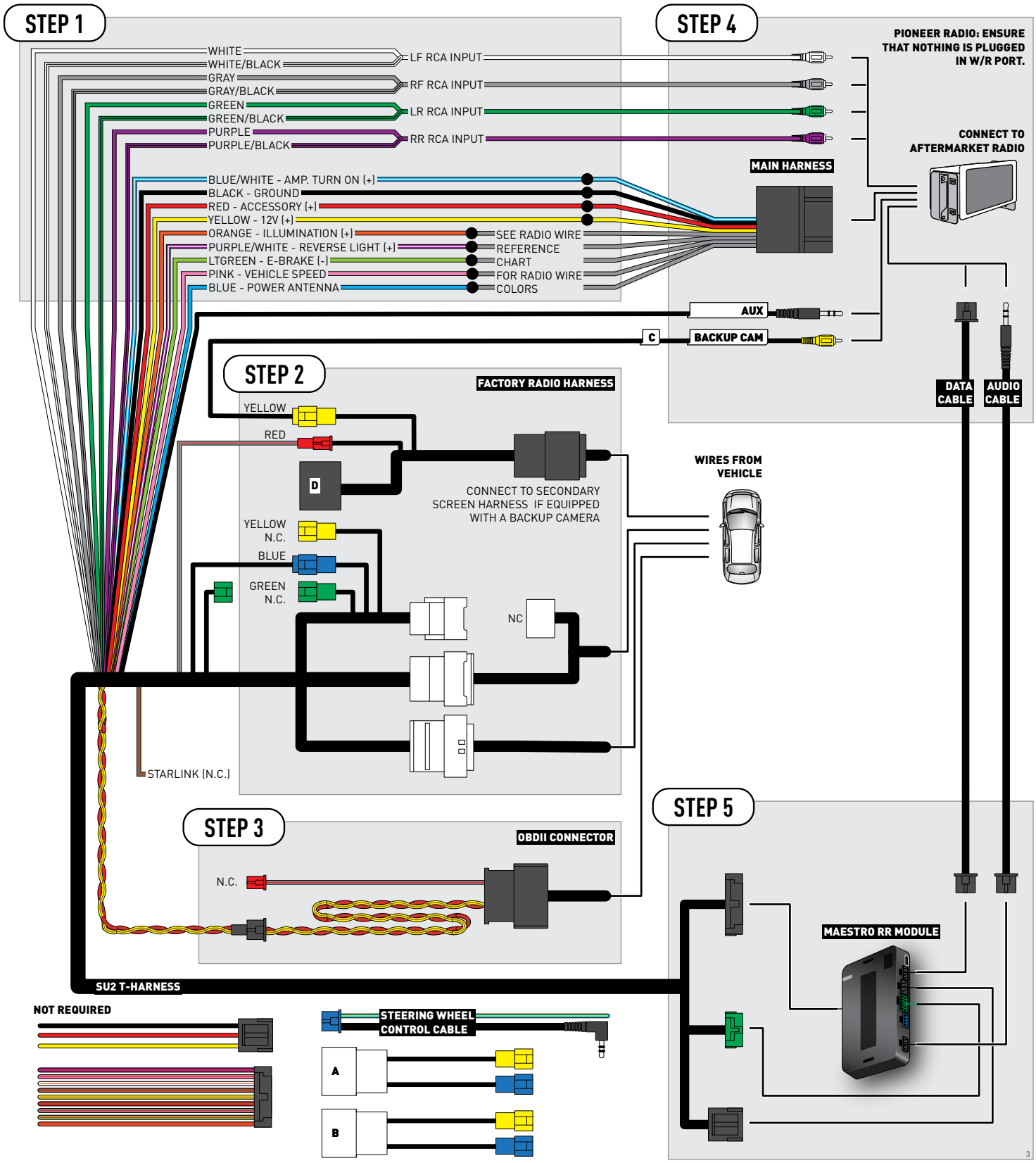
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

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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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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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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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STEP 1

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- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
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- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

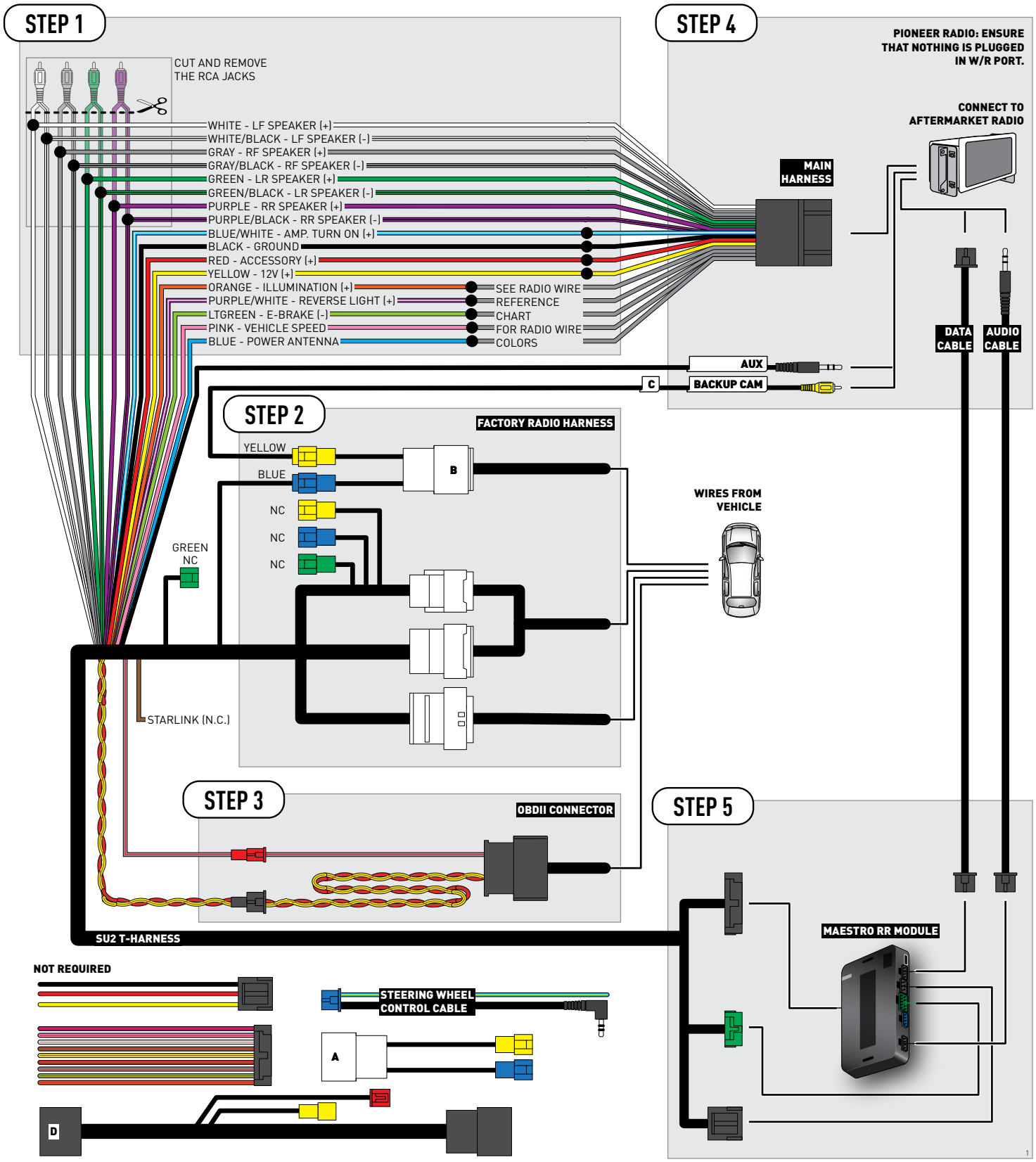
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

1

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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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

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PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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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INSTALL GUIDE

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WITH NAV AND OEM CAMERA ON SECONDARY DISPLAY

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INSTALLATION INSTRUCTIONS

STEP 1

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

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

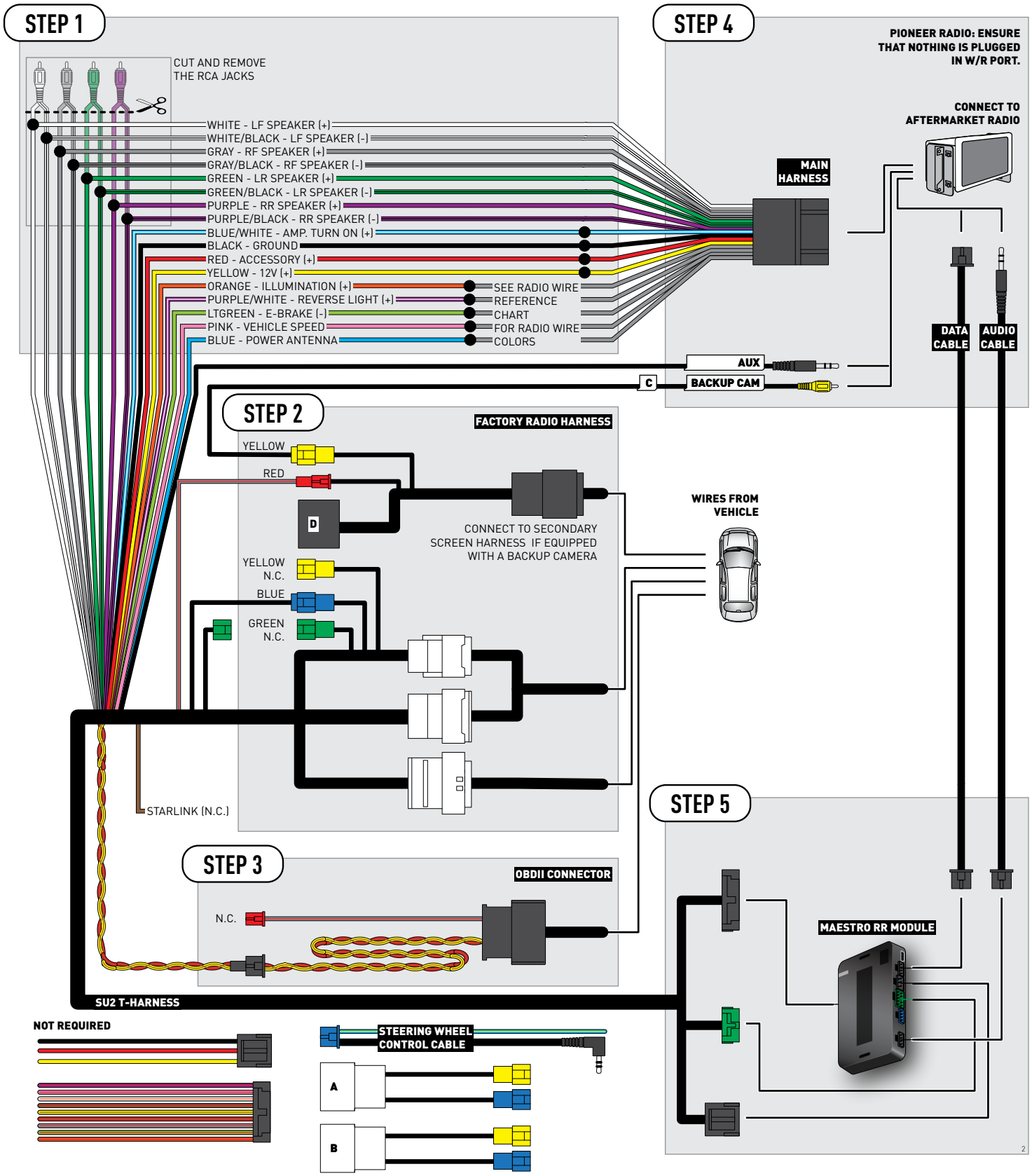
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2015-2017
SUBARU LEGACY
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
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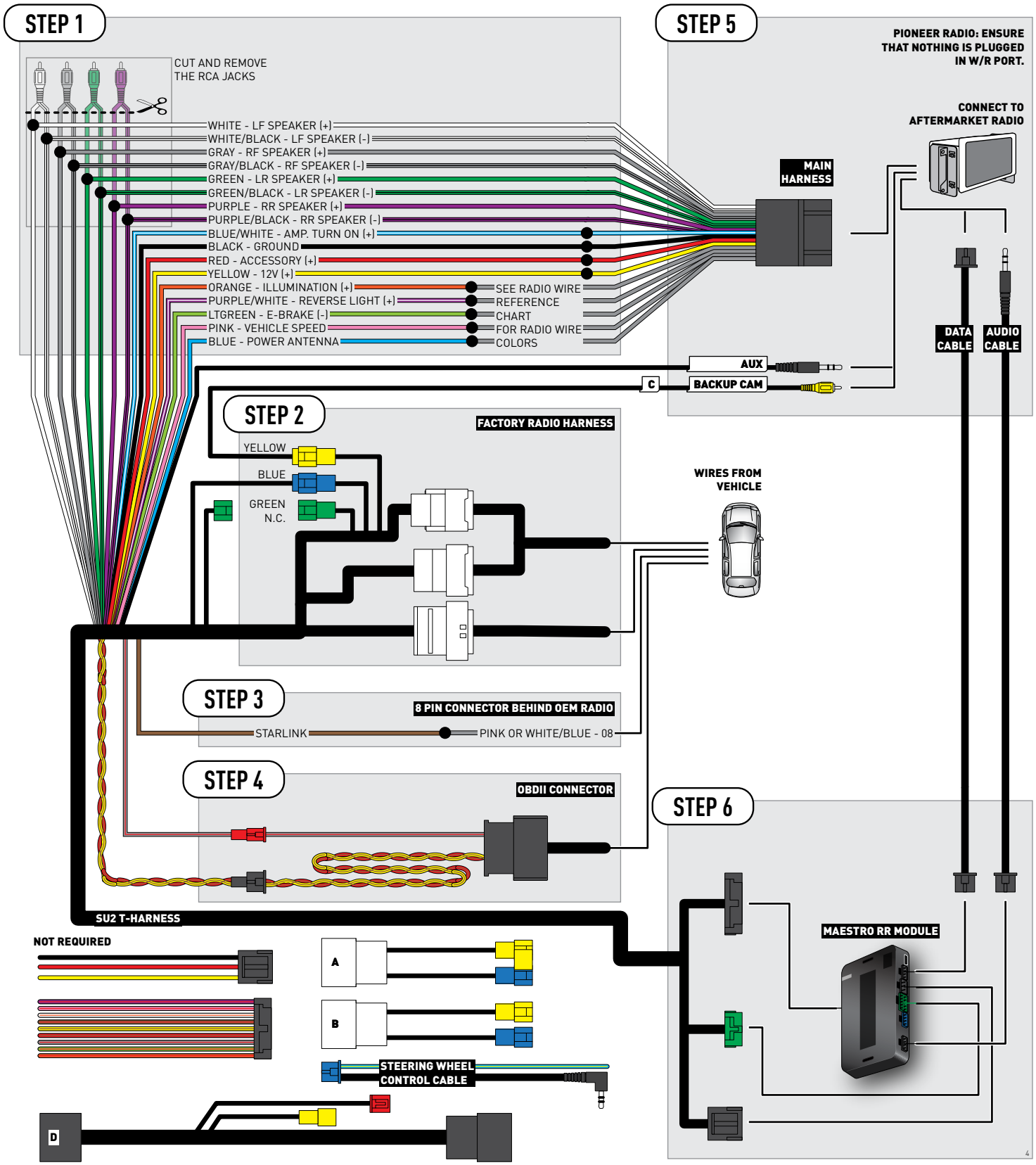
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

4

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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PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio (If there is no iDatalink audio input, connect to AUX).

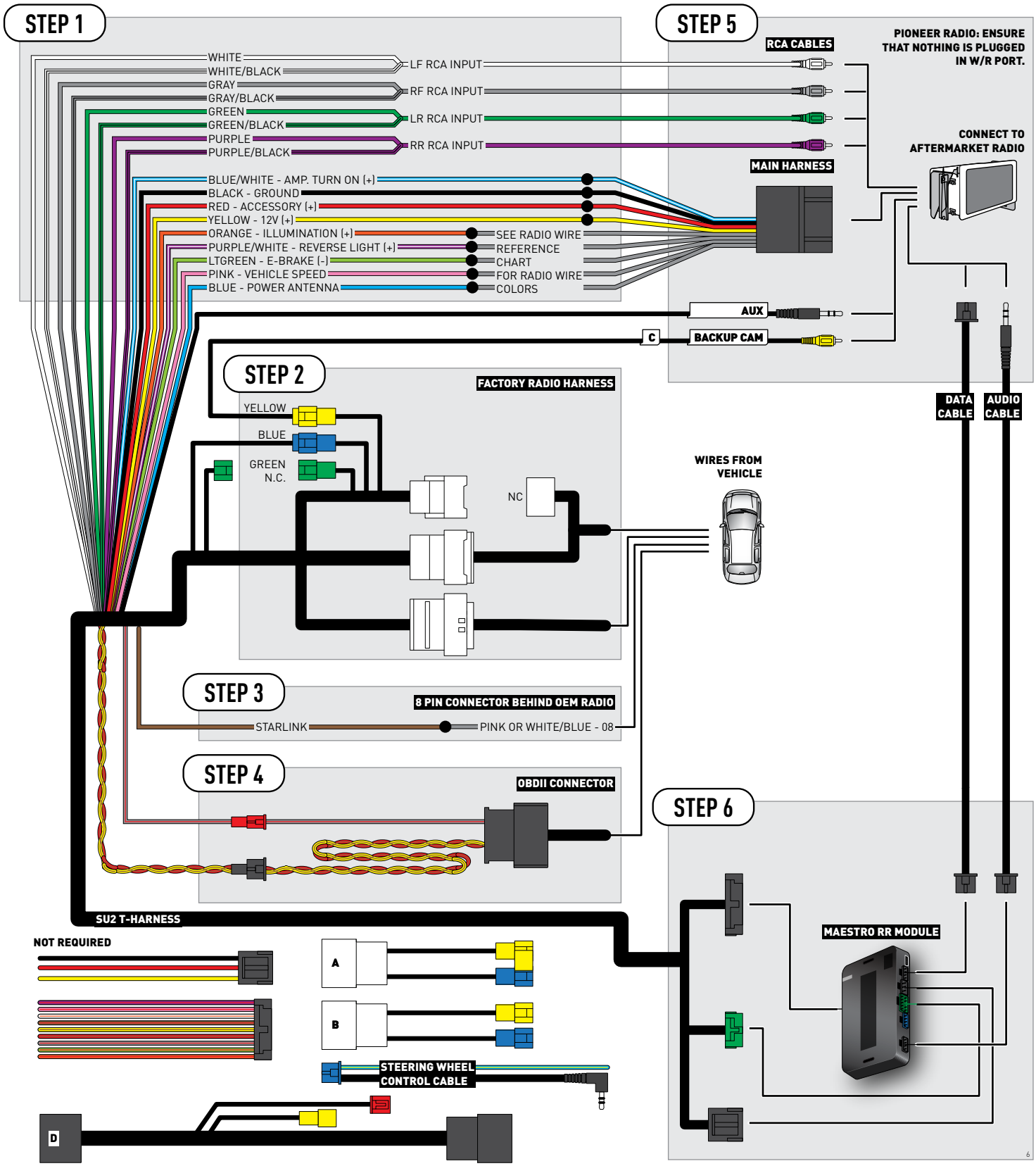
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2017
SUBARU LEGACY
WITH 7 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 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.

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NEED HELP?

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

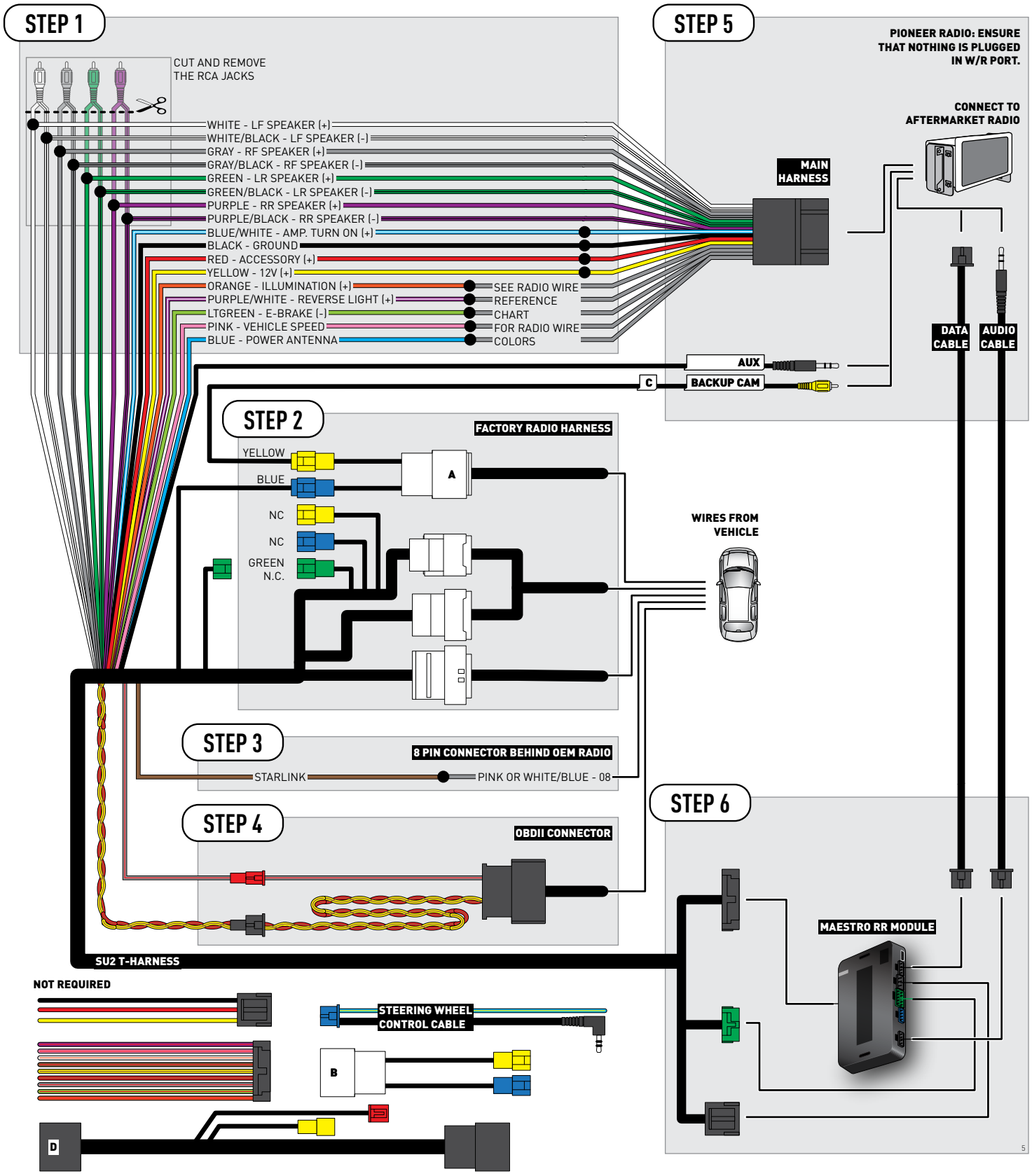
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

5

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

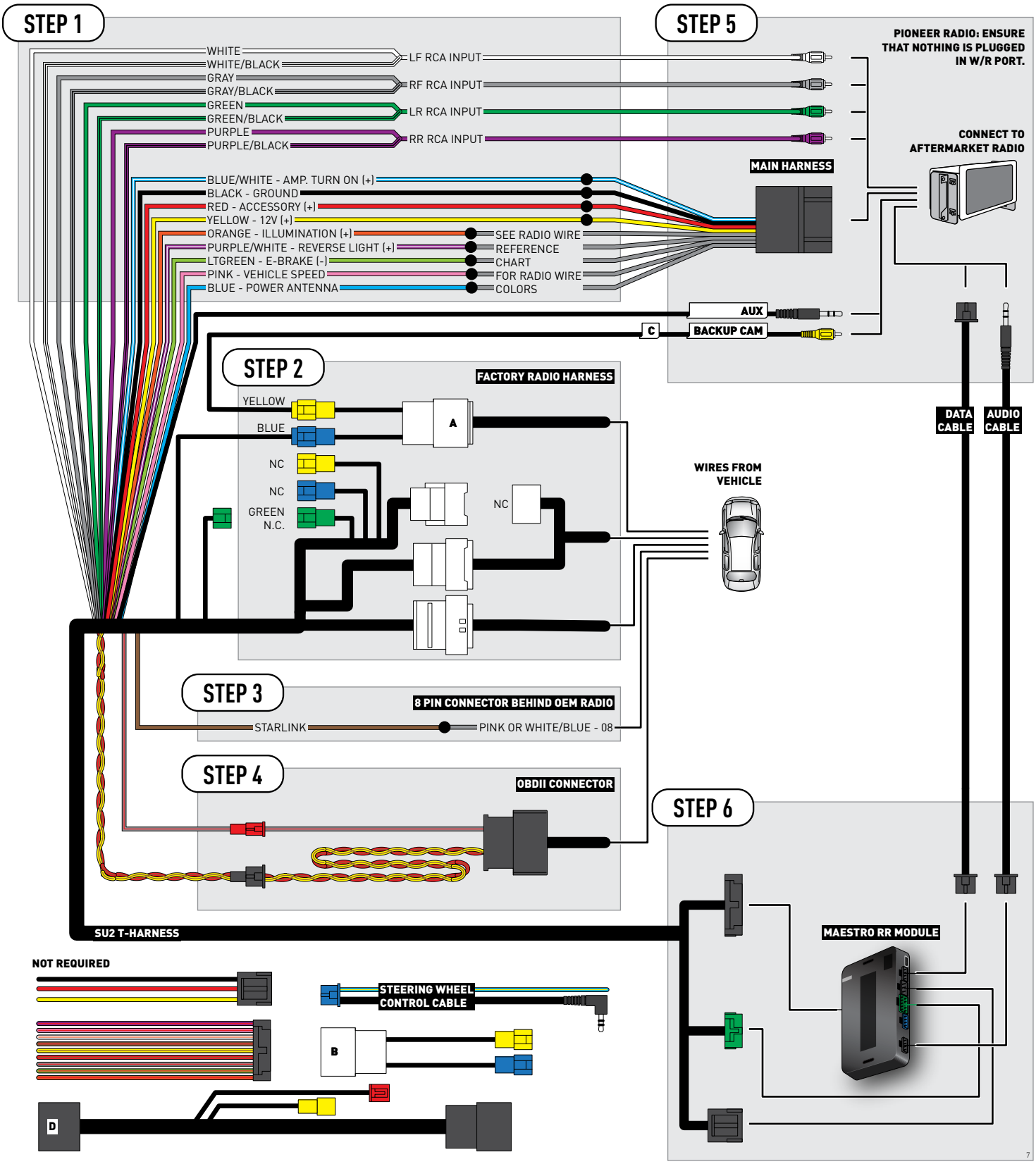
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2015-2017
SUBARU OUTBACK
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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PROGRAMMED FIRMWARE

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ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

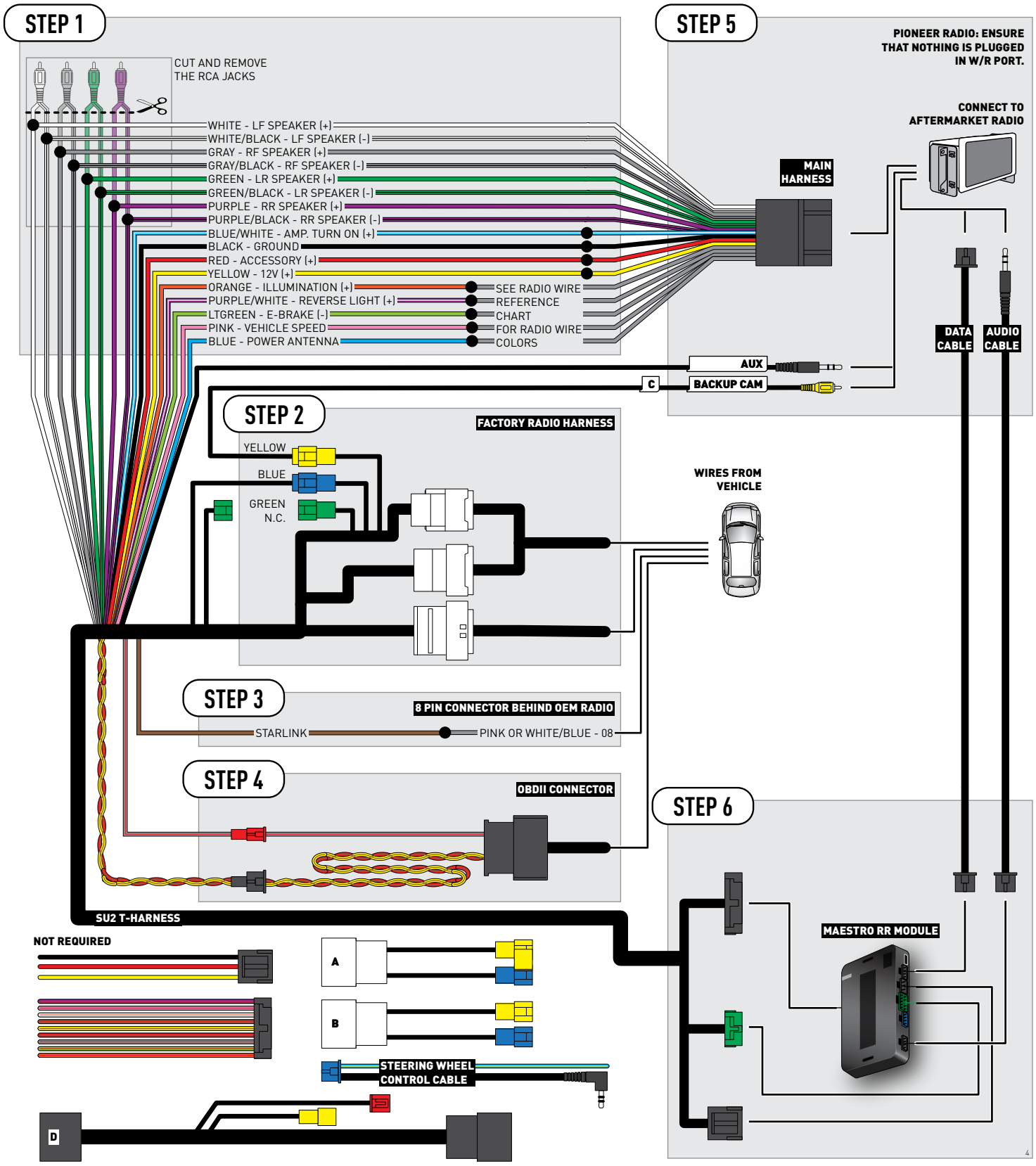
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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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INSTALL GUIDE

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
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- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

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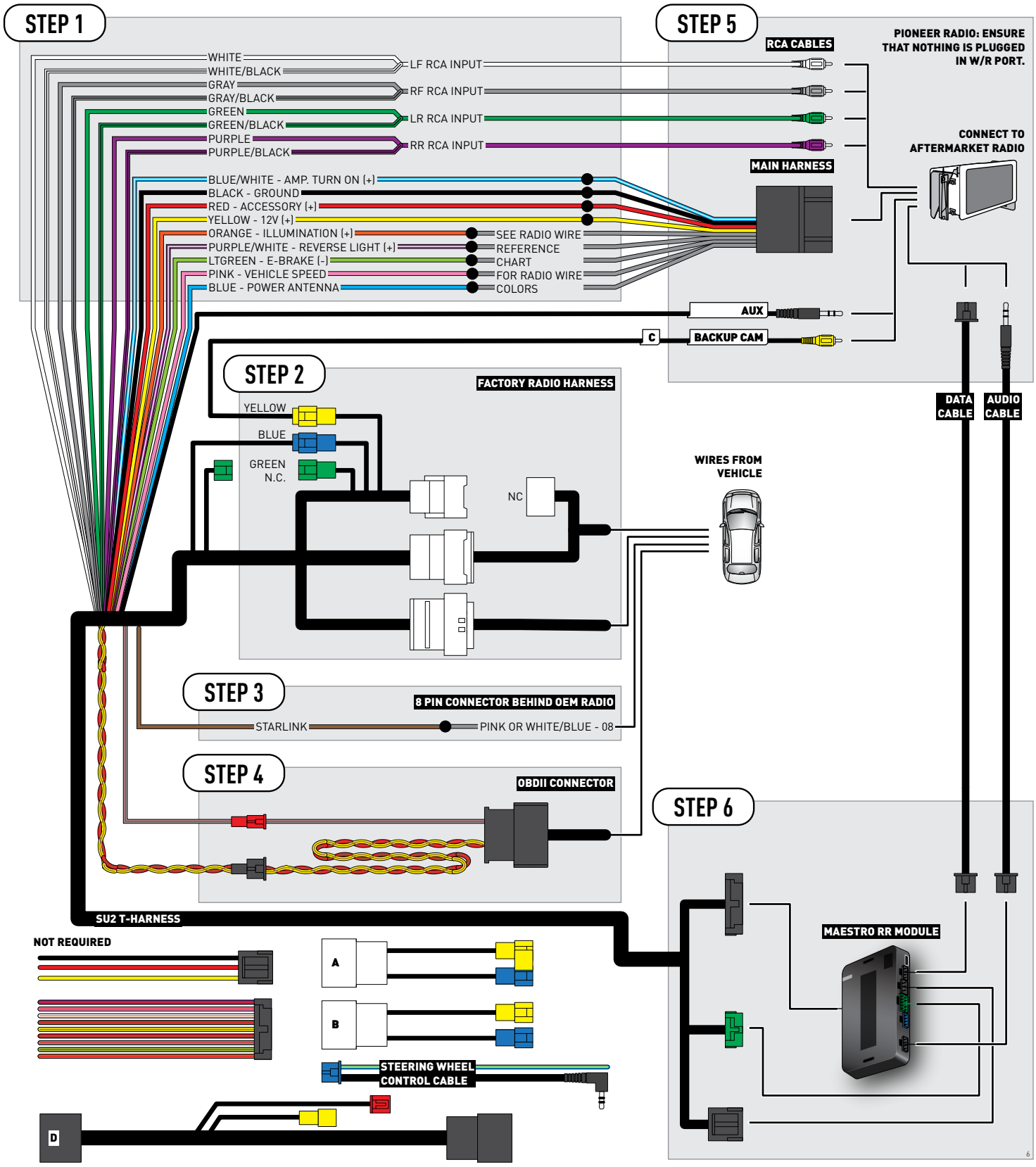
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WIRING DIAGRAM



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PROBLEM	SOLUTION
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- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

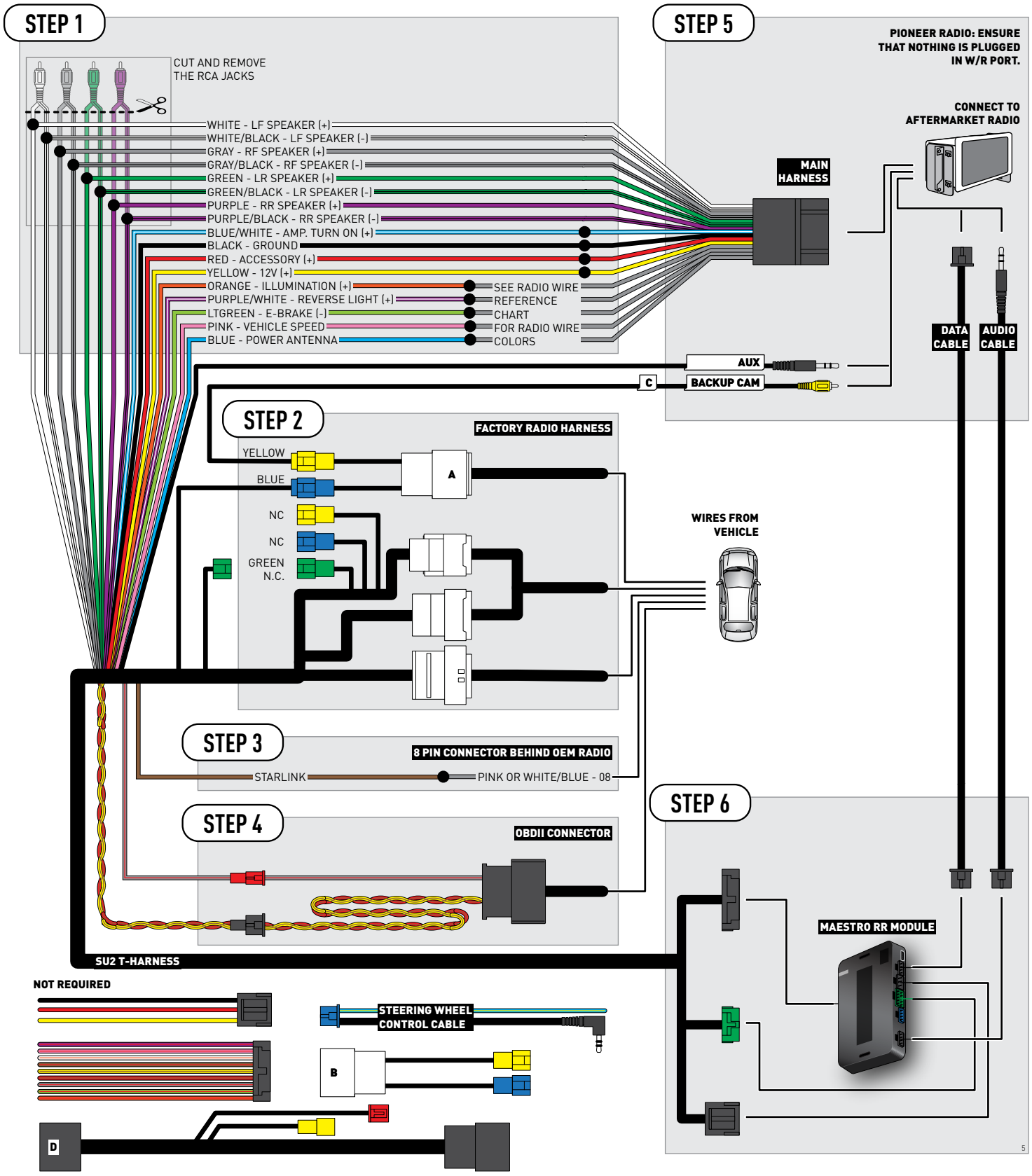
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2017
SUBARU OUTBACK
WITH 7 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

ACC-uSU2

Click here for:
Radar Installation Guides

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

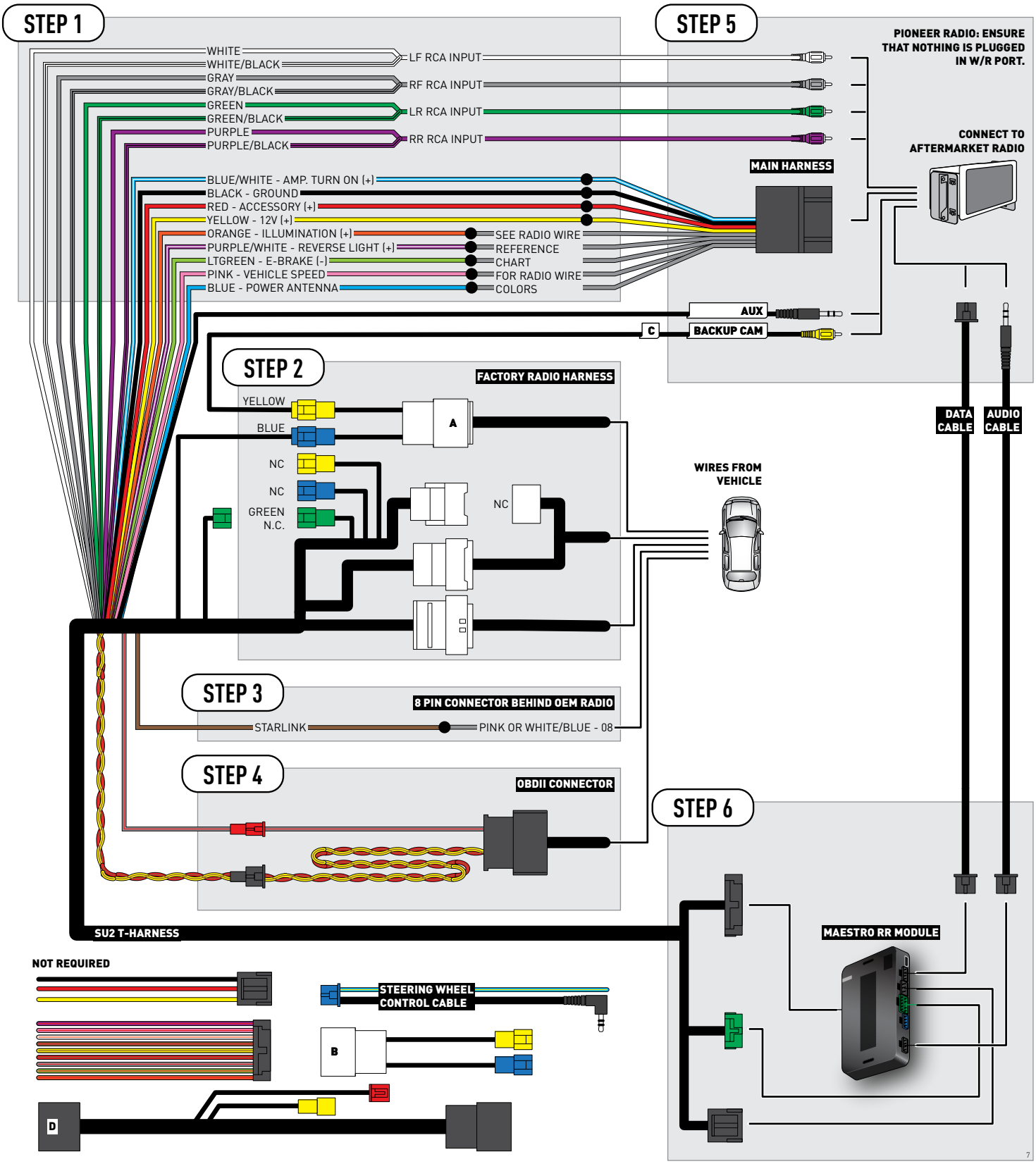
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2016-2017
SUBARU WRX STI
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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WELCOME

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Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

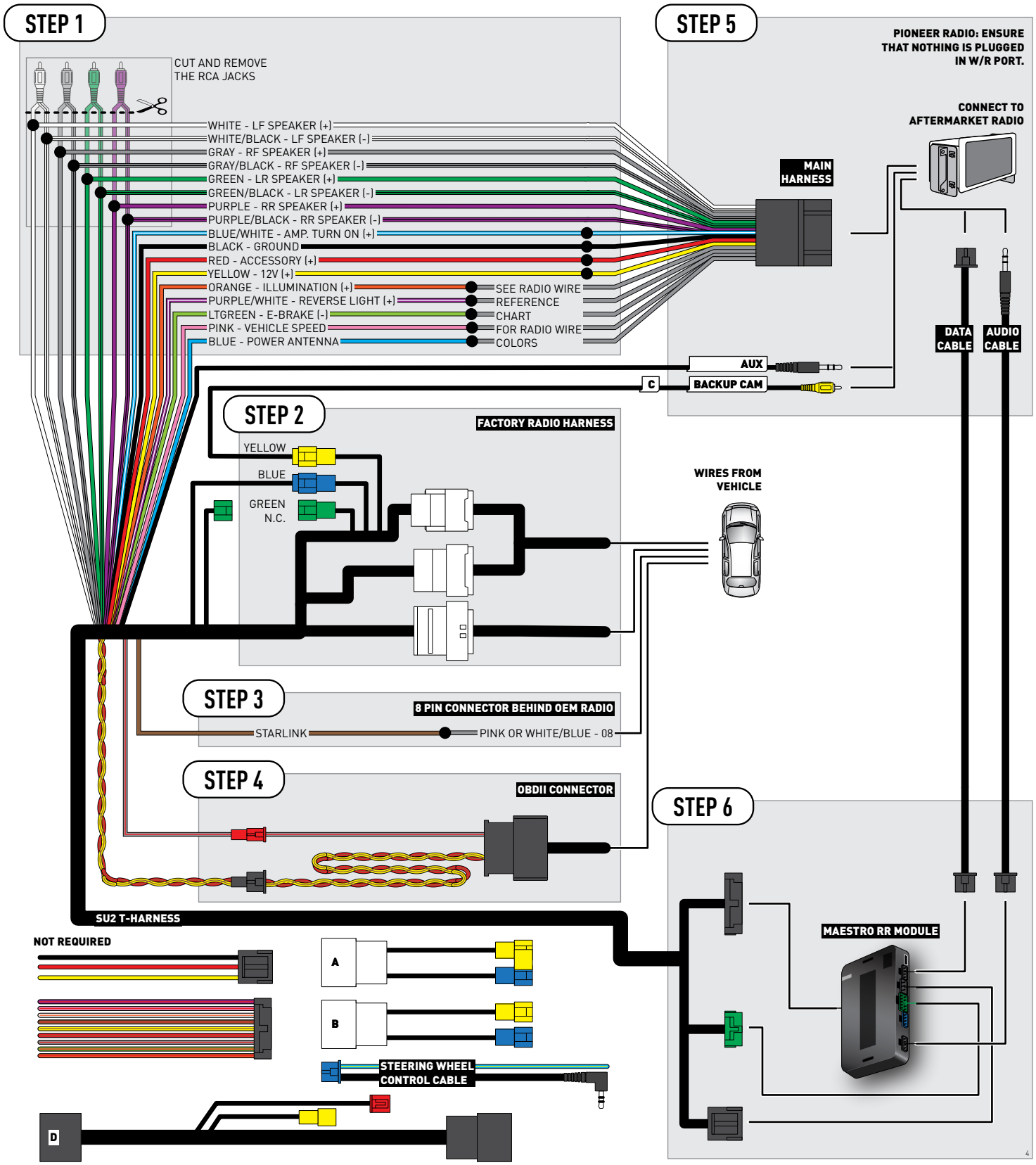
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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 add 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.

INSTALL GUIDE

2016-2017
SUBARU WRX STI
WITH 6.2 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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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.

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

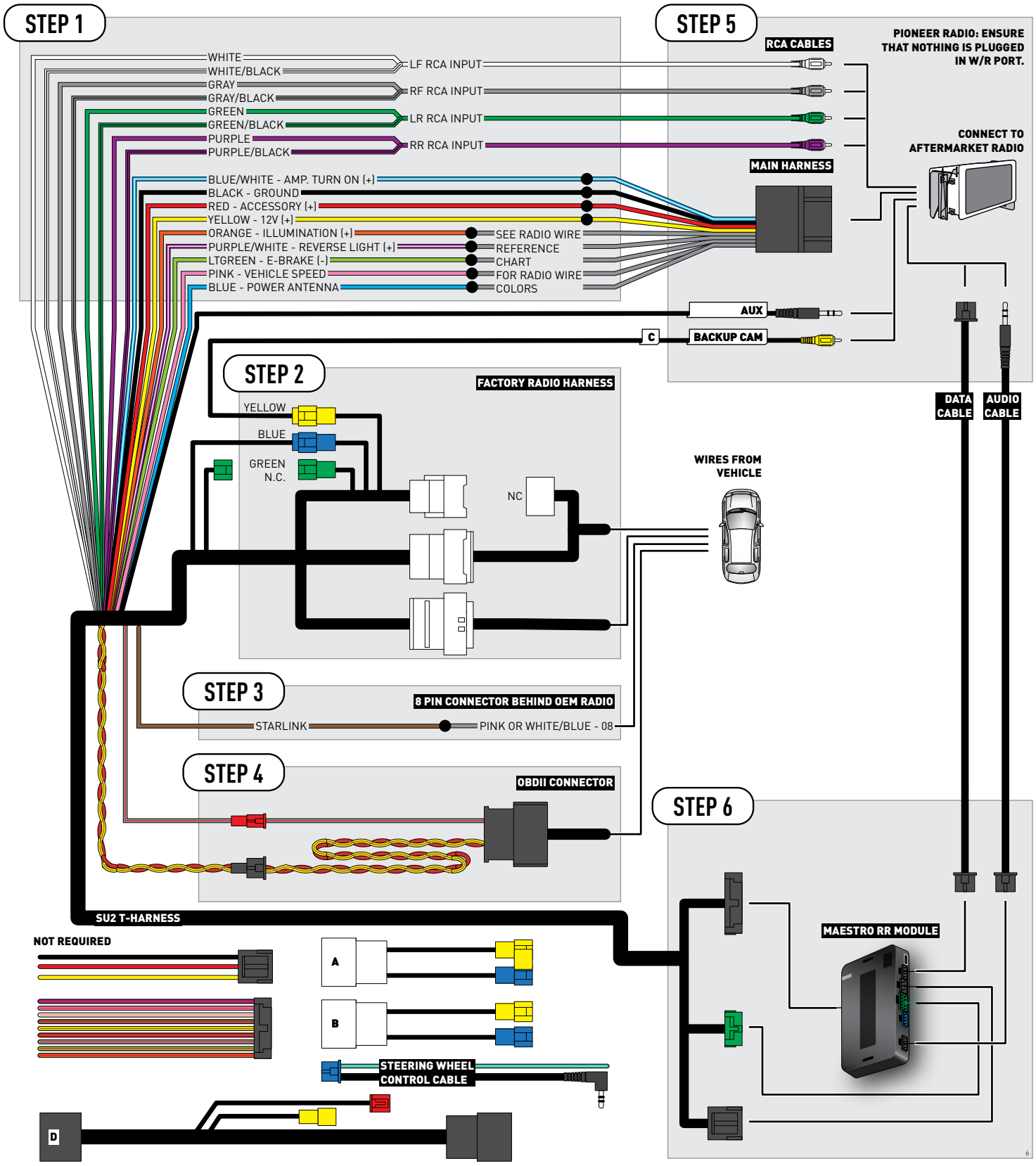
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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 add 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.

INSTALL GUIDE

2018-2020
SUBARU WRX STI
WITH 6.5 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

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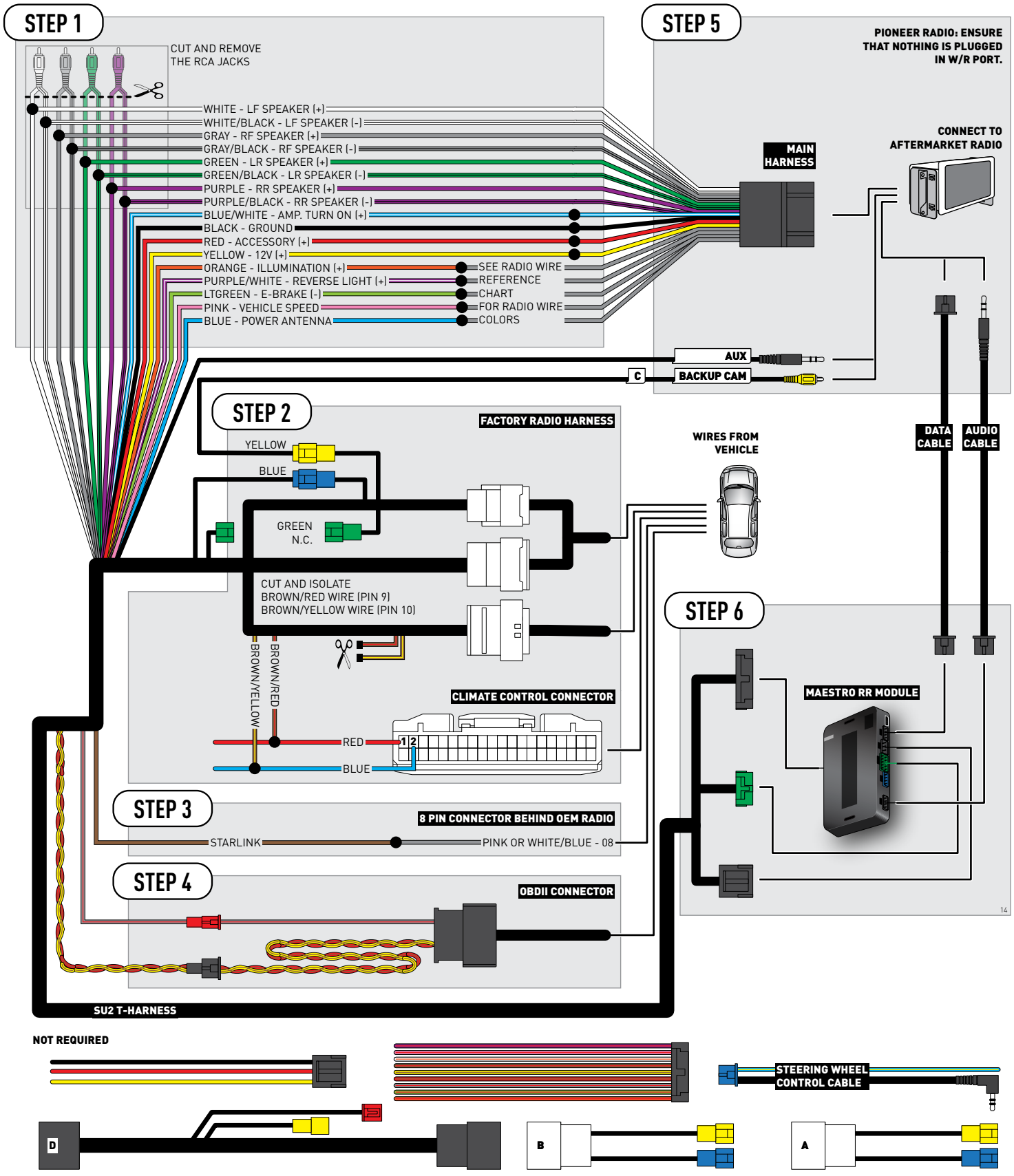
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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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STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

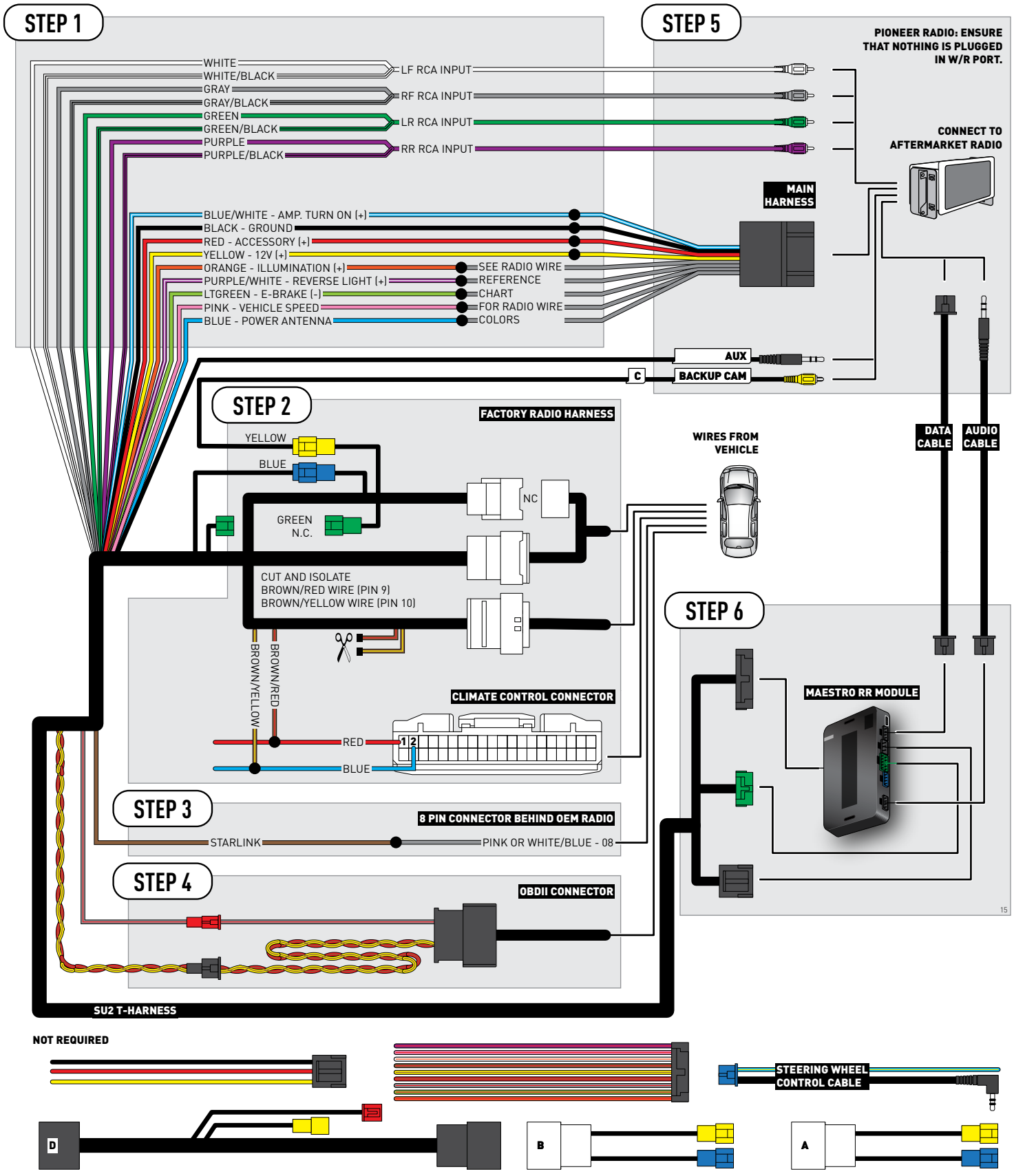
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2016-2017
SUBARU WRX STI
WITH 7 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 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.

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NEED HELP?

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

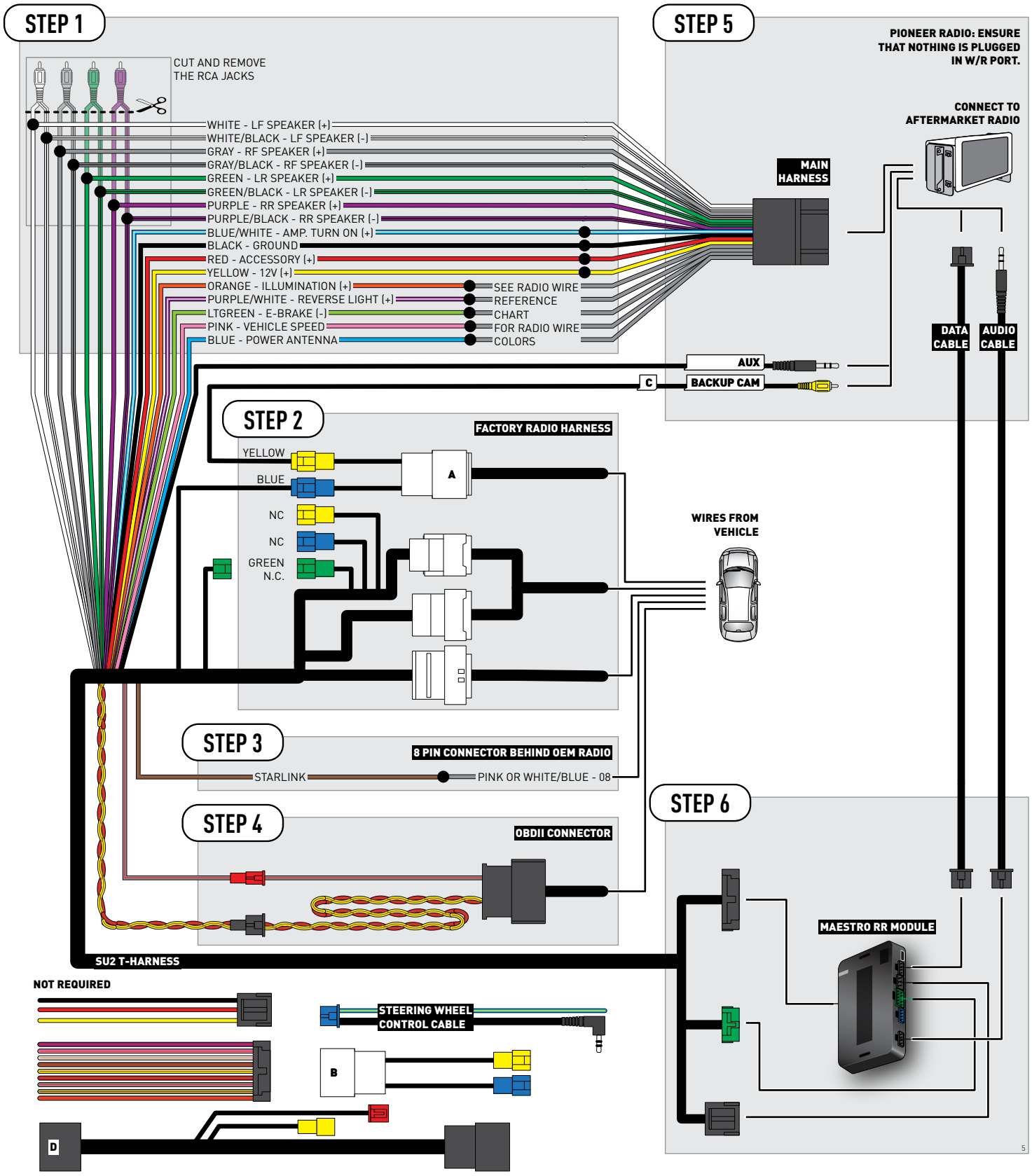
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

5

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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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- Remove the factory radio.

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- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
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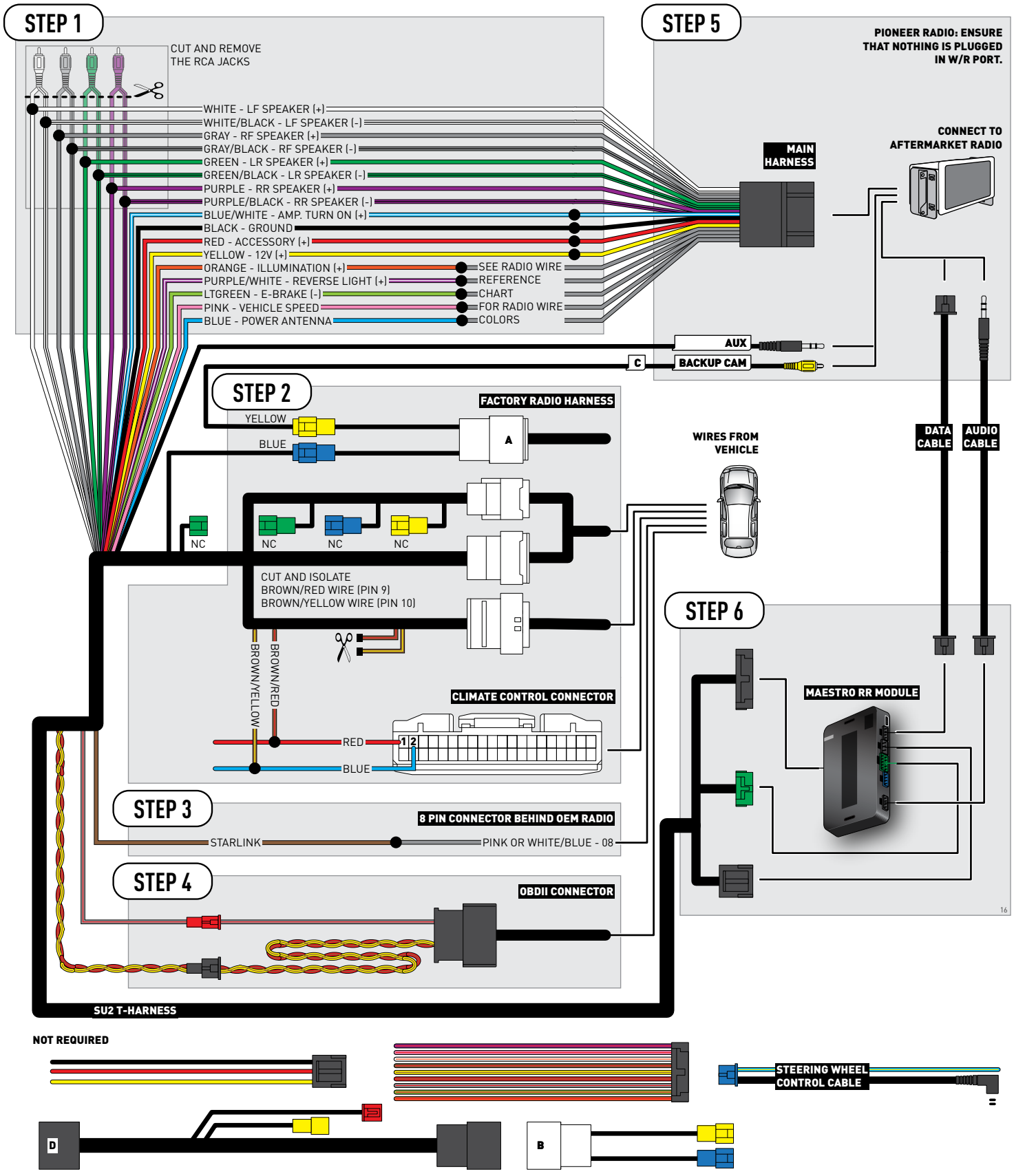
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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

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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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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INSTALL GUIDE

2016-2017
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WITH 7 INCH SCREEN AND HARMAN KARDON

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WELCOME

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Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

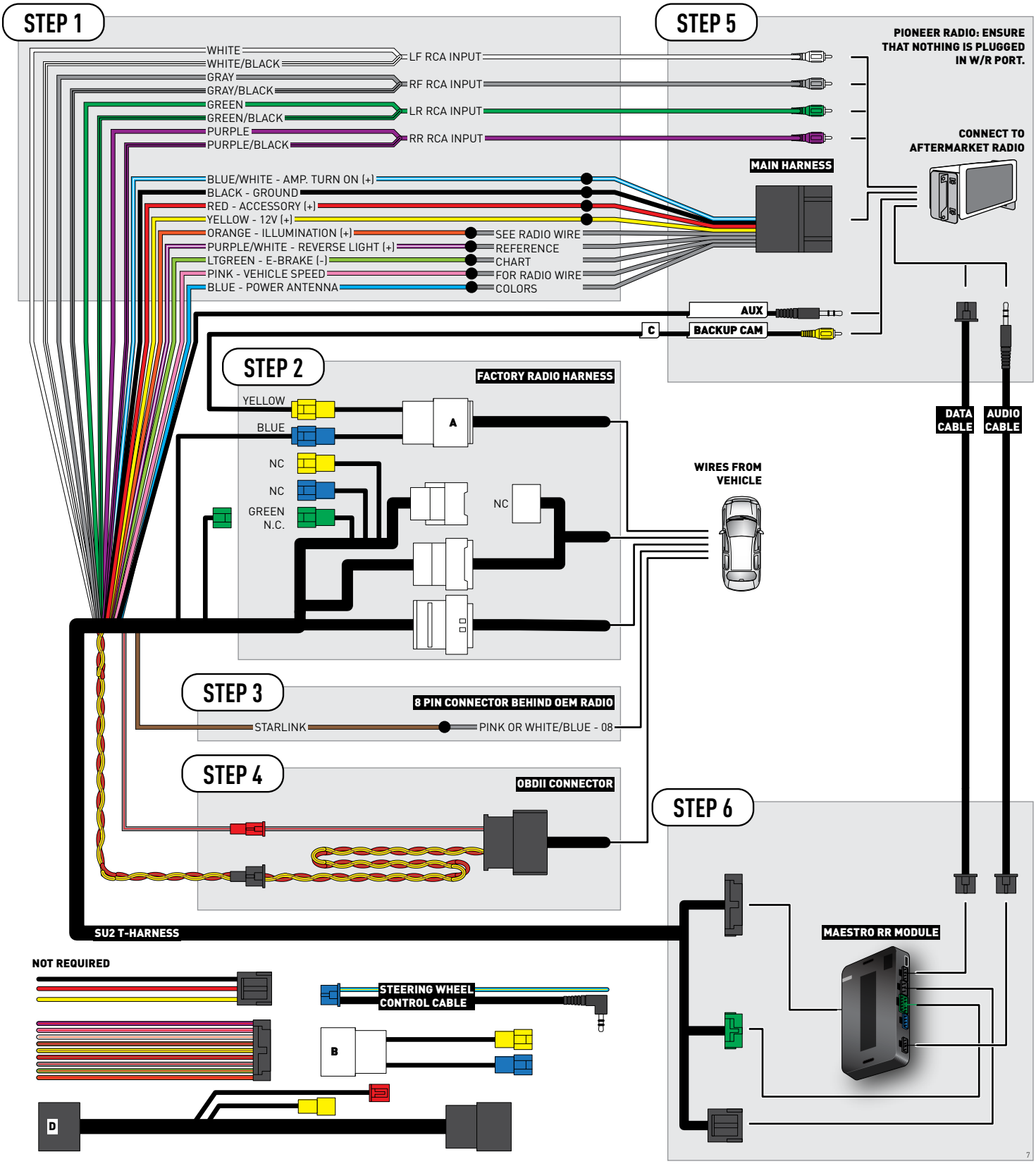
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

7

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
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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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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INSTALL GUIDE

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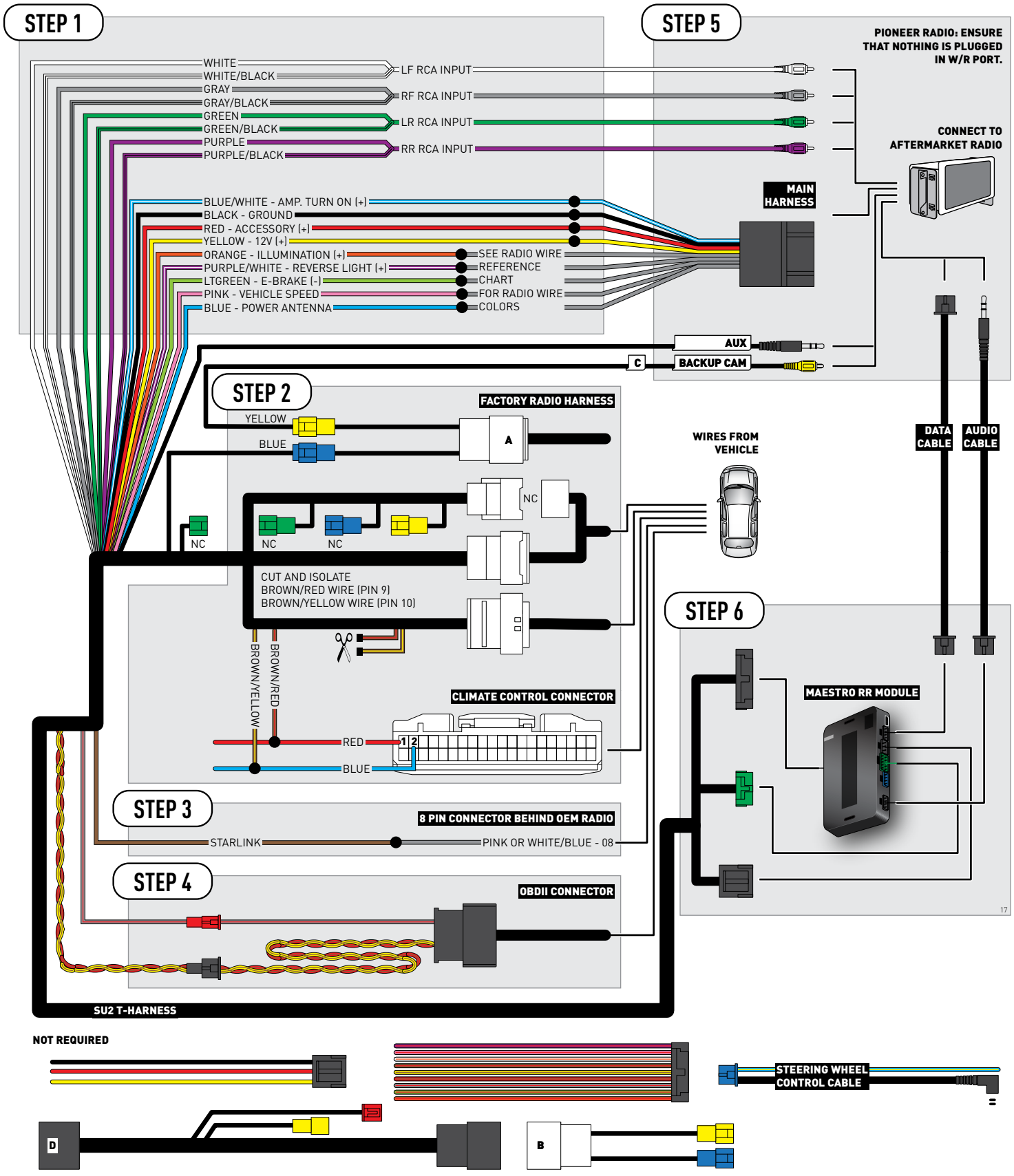
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WIRING DIAGRAM



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2015
SUBARU WRX STI
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OPTIONAL ACCESSORIES

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ESCORT

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ACC-uSU2

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

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

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

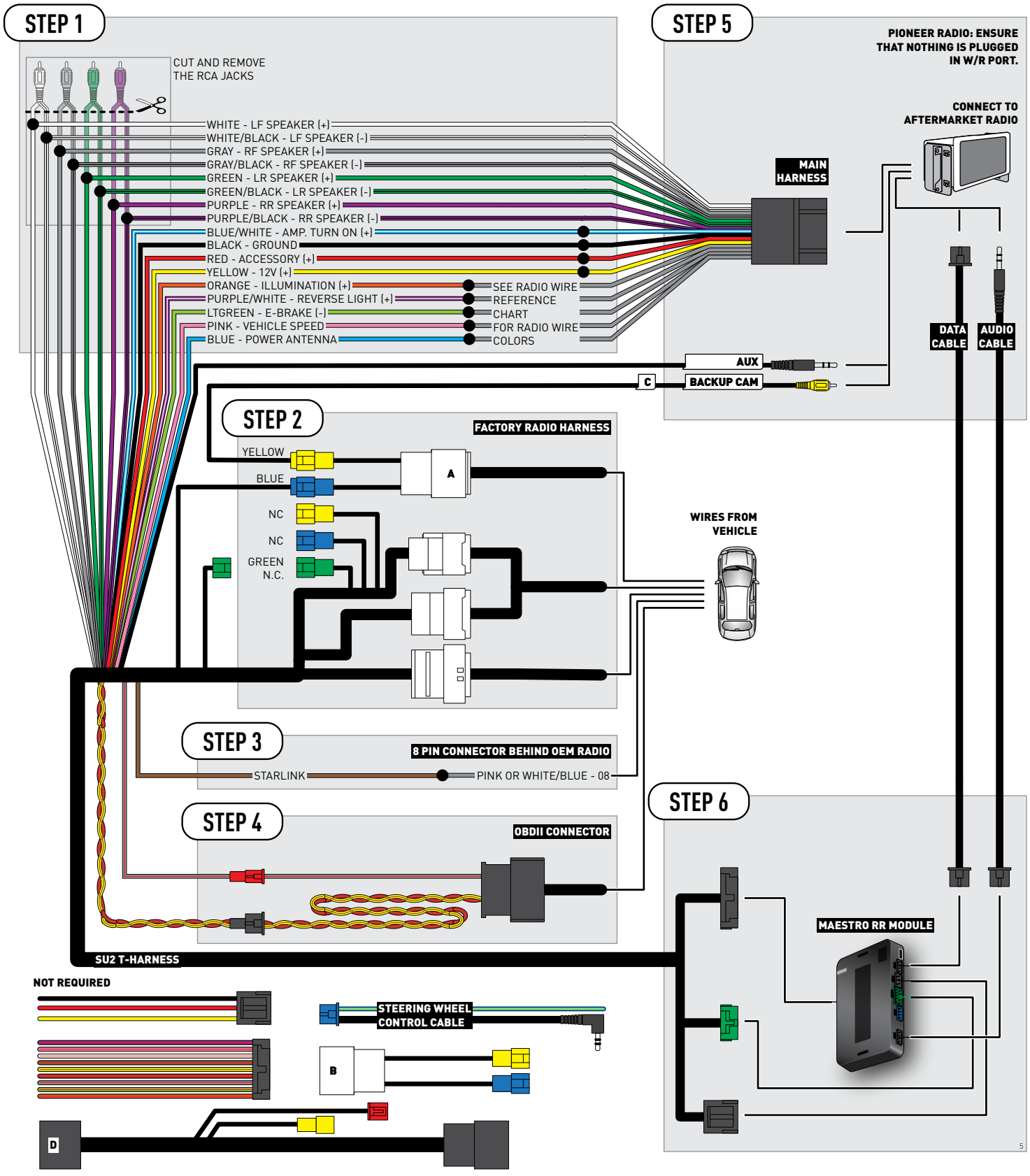
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015
SUBARU WRX STI
WITH NAV AND AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

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- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

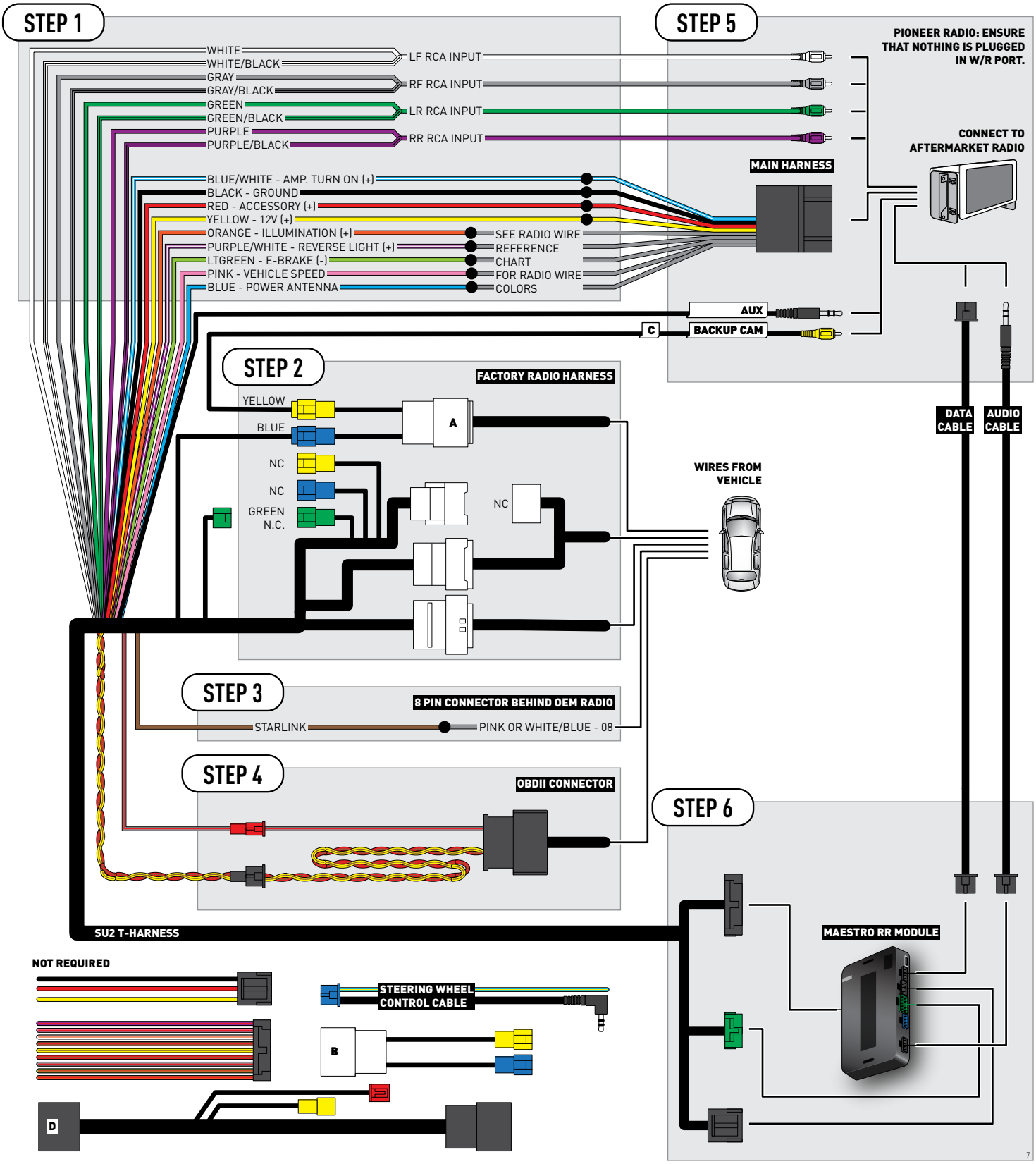
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

7

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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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INSTALL GUIDE

2016-2017
SUBARU WRX
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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ADDITIONAL RESOURCES

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- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

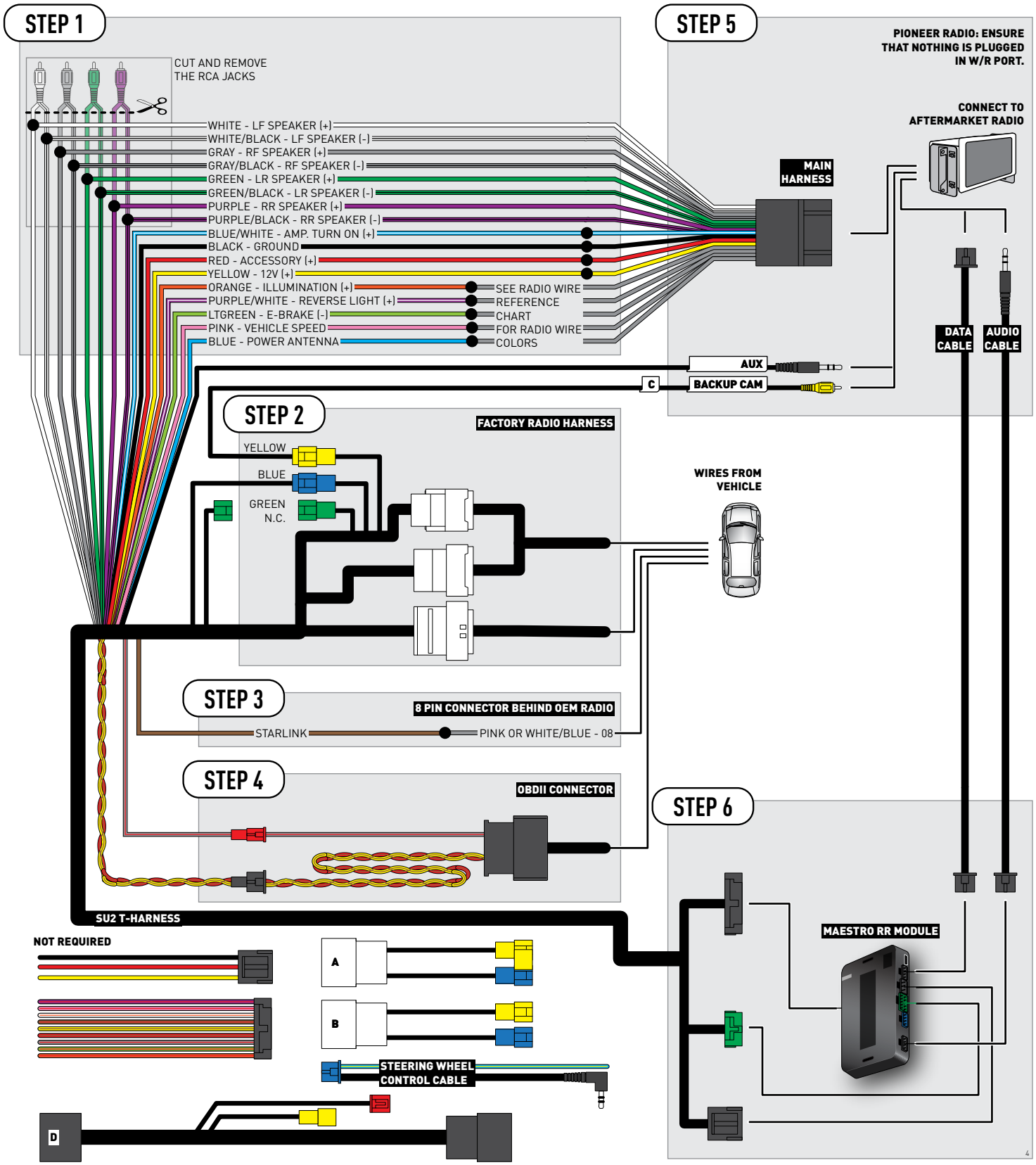
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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 add 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.

INSTALL GUIDE

2016-2017
SUBARU WRX
WITH 6.2 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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ADDITIONAL RESOURCES

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

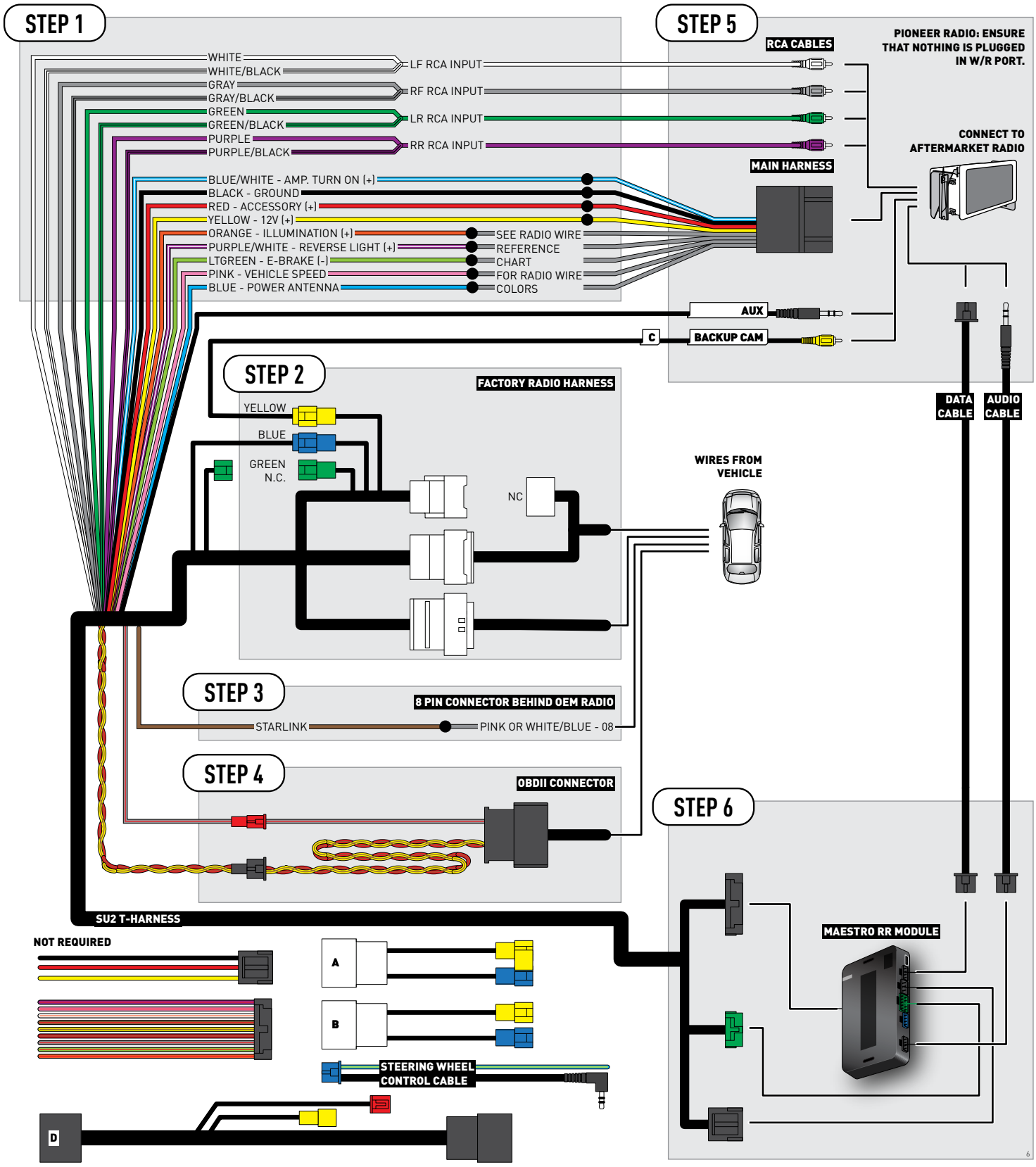
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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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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INSTALL GUIDE

2018-2020
SUBARU WRX
WITH 6.5 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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STEP 1

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STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

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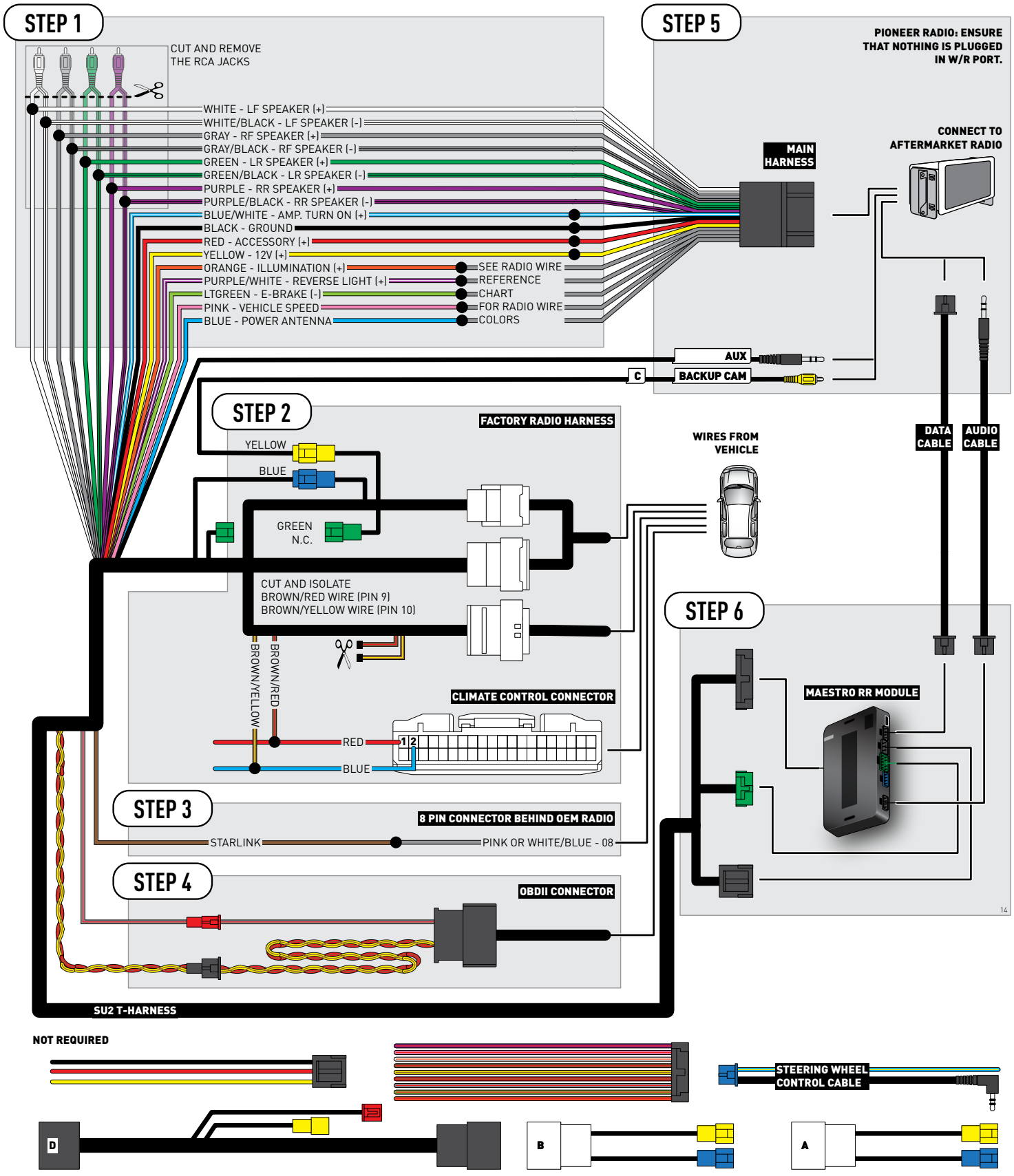
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WIRING DIAGRAM



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2018-2020
SUBARU WRX
WITH 6.5 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

ACC-uSU2

Click here for:
Radar Installation Guides

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

WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

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

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Locate the 28 pin connector on the SU2 T-harness. Cut the Brown/Red wire (pin 9), extend and connect it to the Red wire (pin1) of the 40 pin climate control connector. Cut the Brown/Yellow wire (pin 10), extend and connect it to the Blue wire (pin2) of the 40 pin climate control connector.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

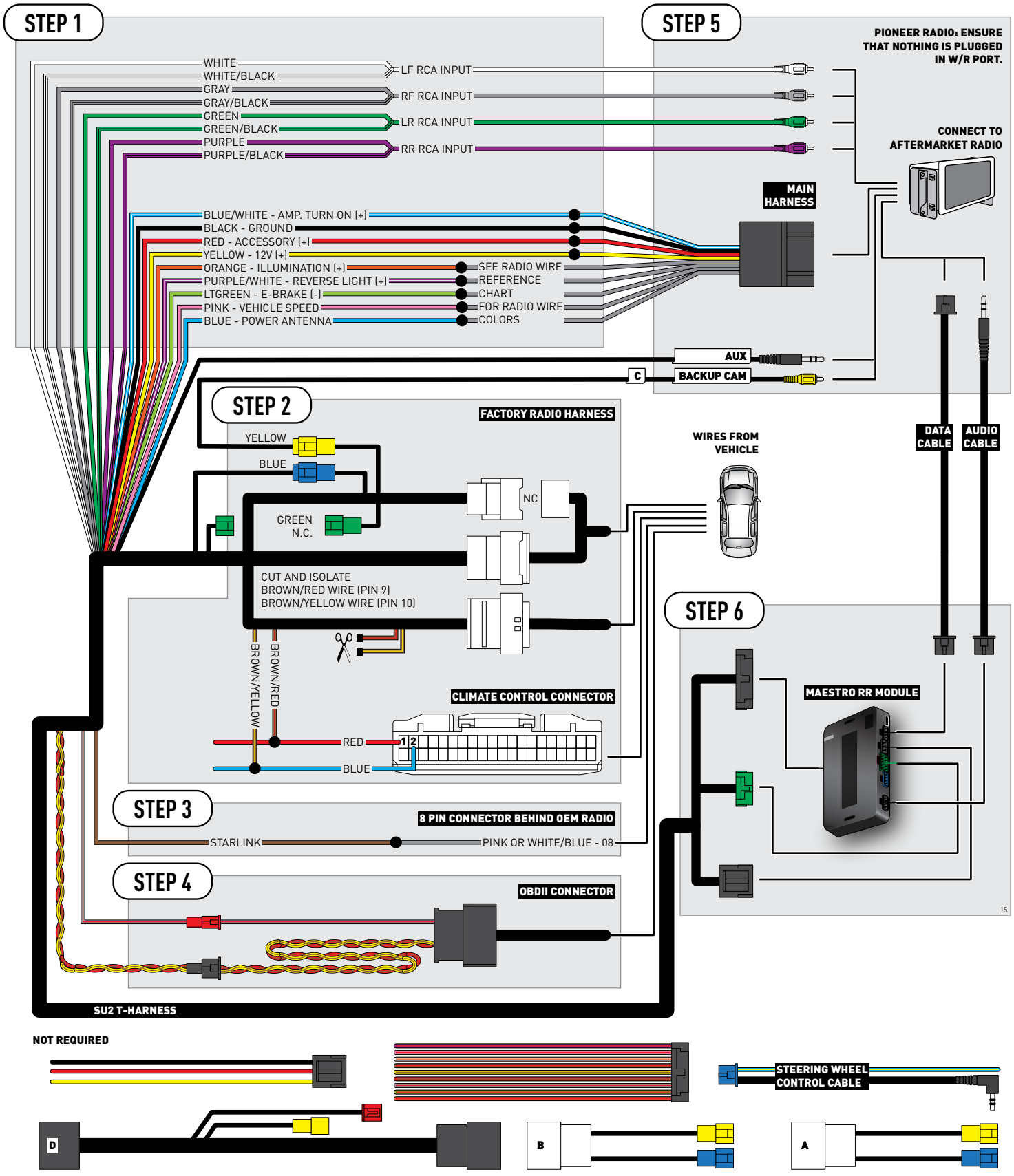
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

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2016-2017
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- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
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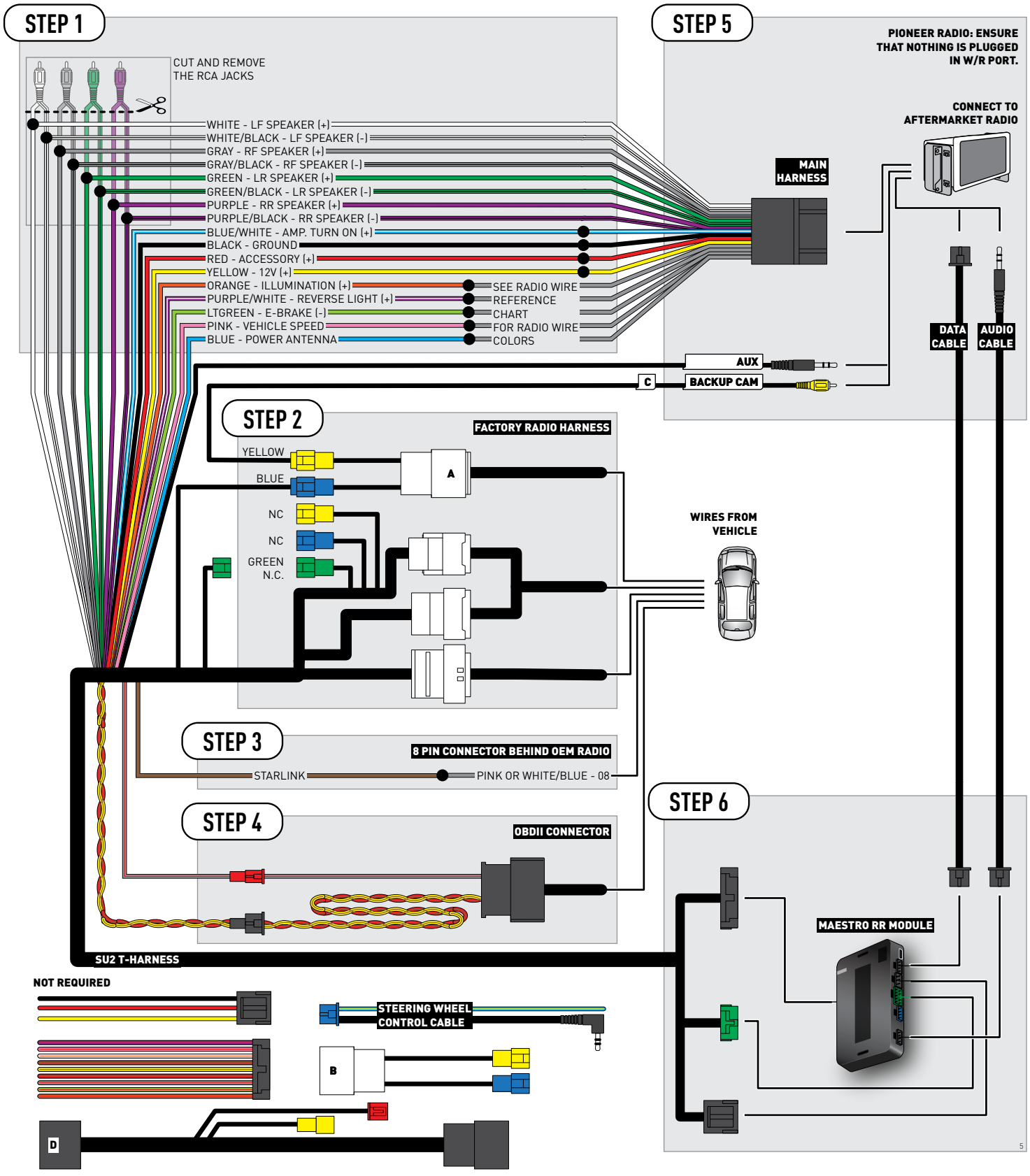
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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WIRING DIAGRAM



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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

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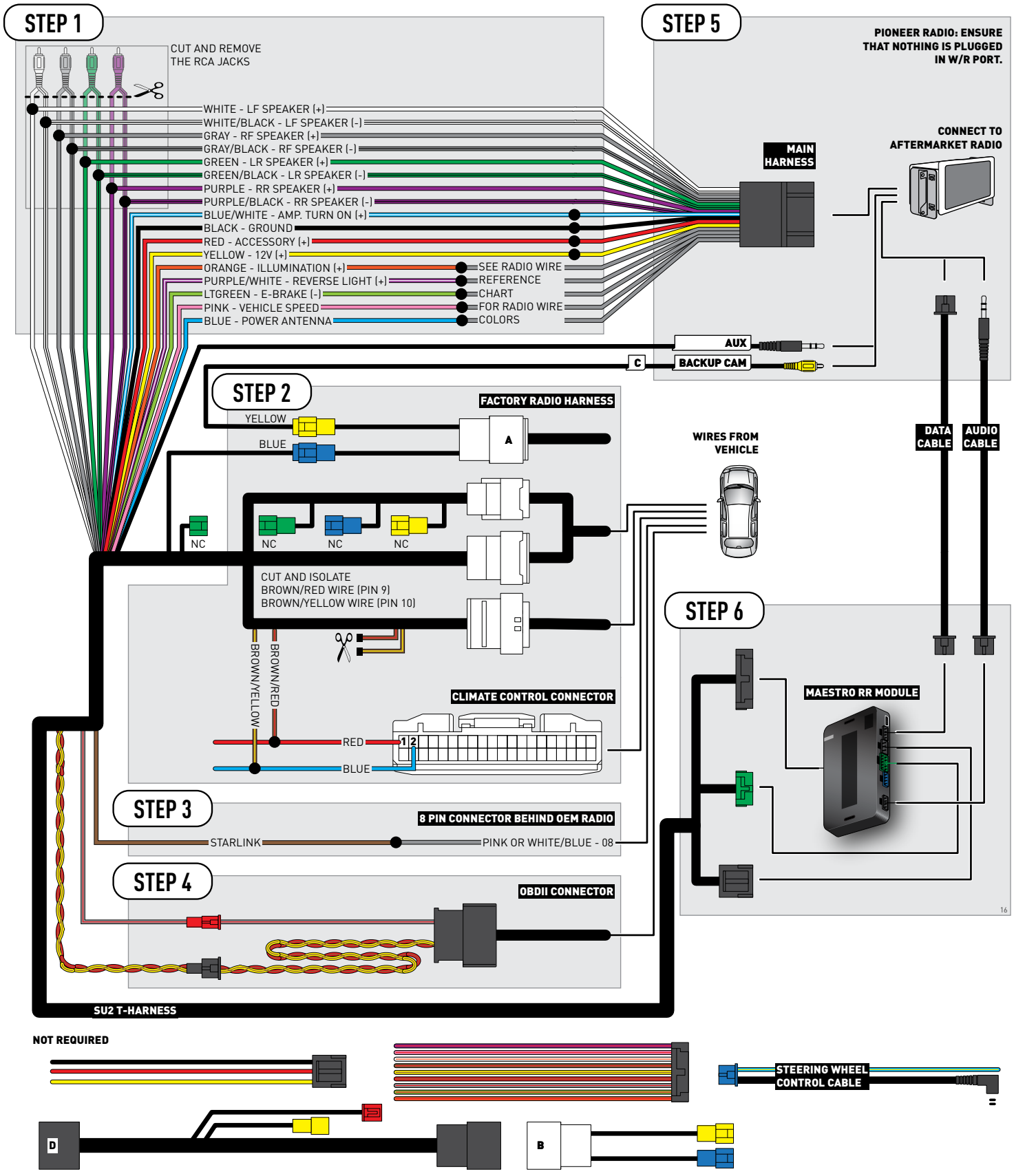
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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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PROBLEM	SOLUTION
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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.

INSTALL GUIDE

2016-2017
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STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

- Plug the aftermarket radio harnesses into the aftermarket radio.
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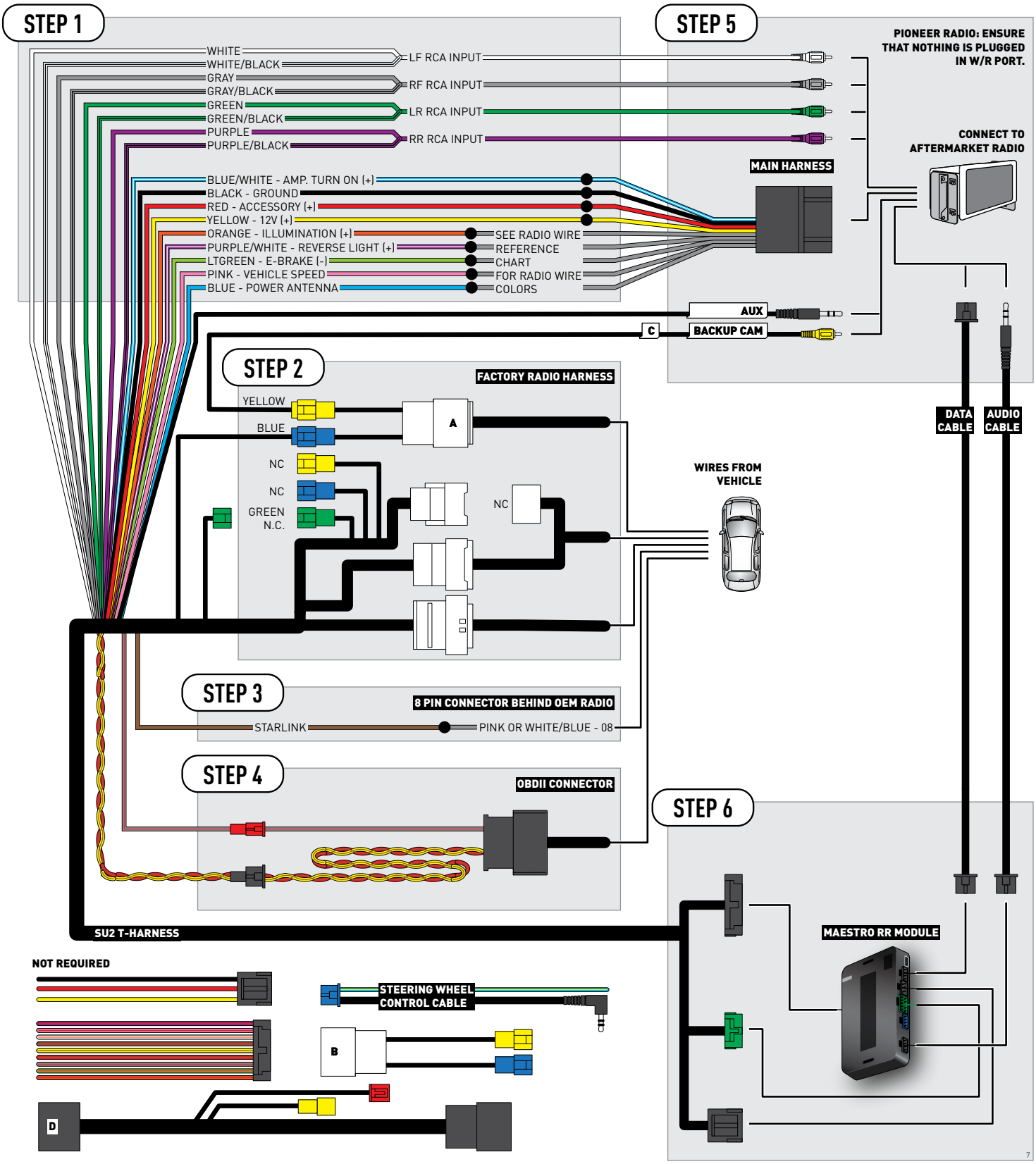
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WIRING DIAGRAM



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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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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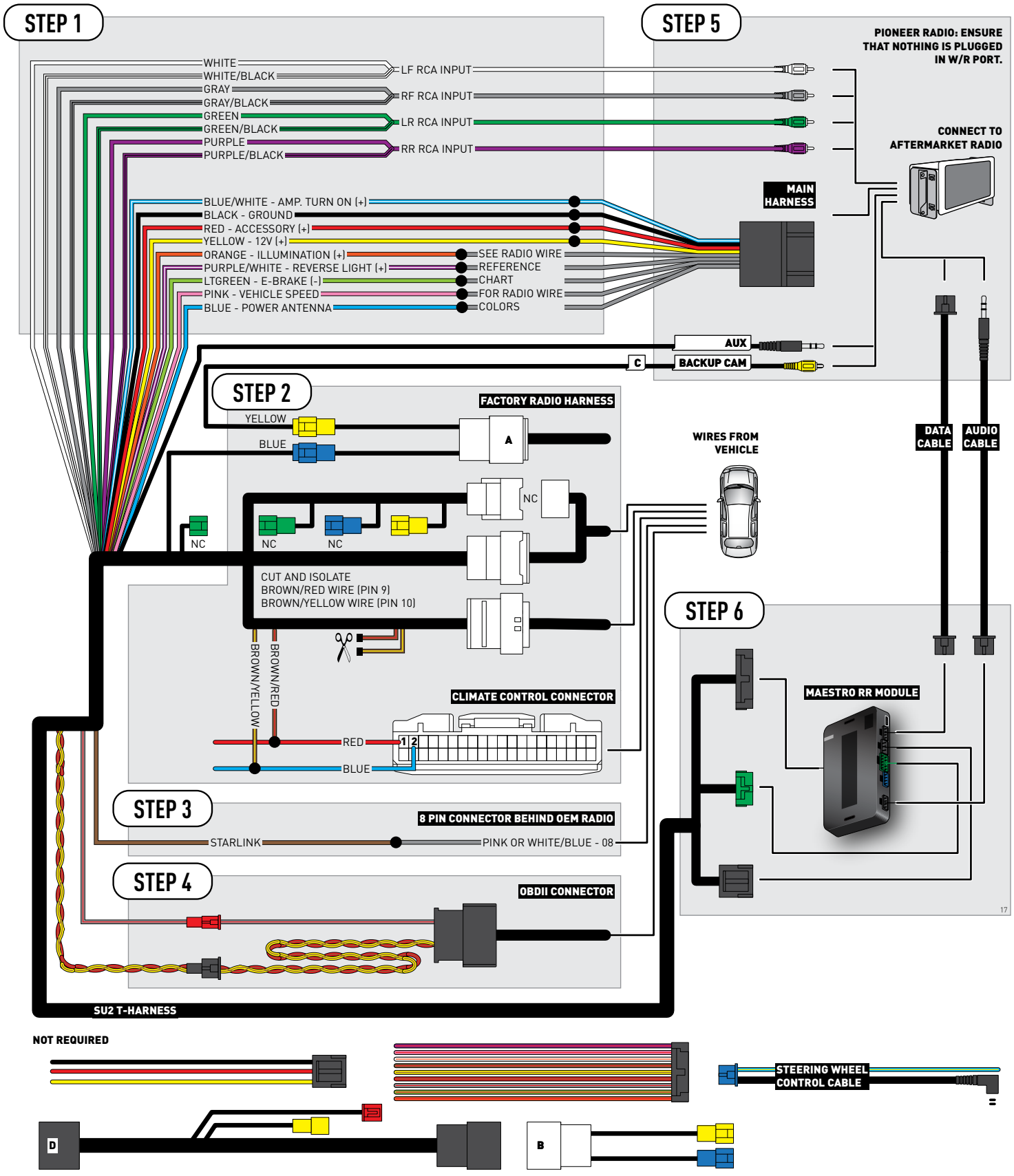
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The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the 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.
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The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015
SUBARU WRX
WITH NAV

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

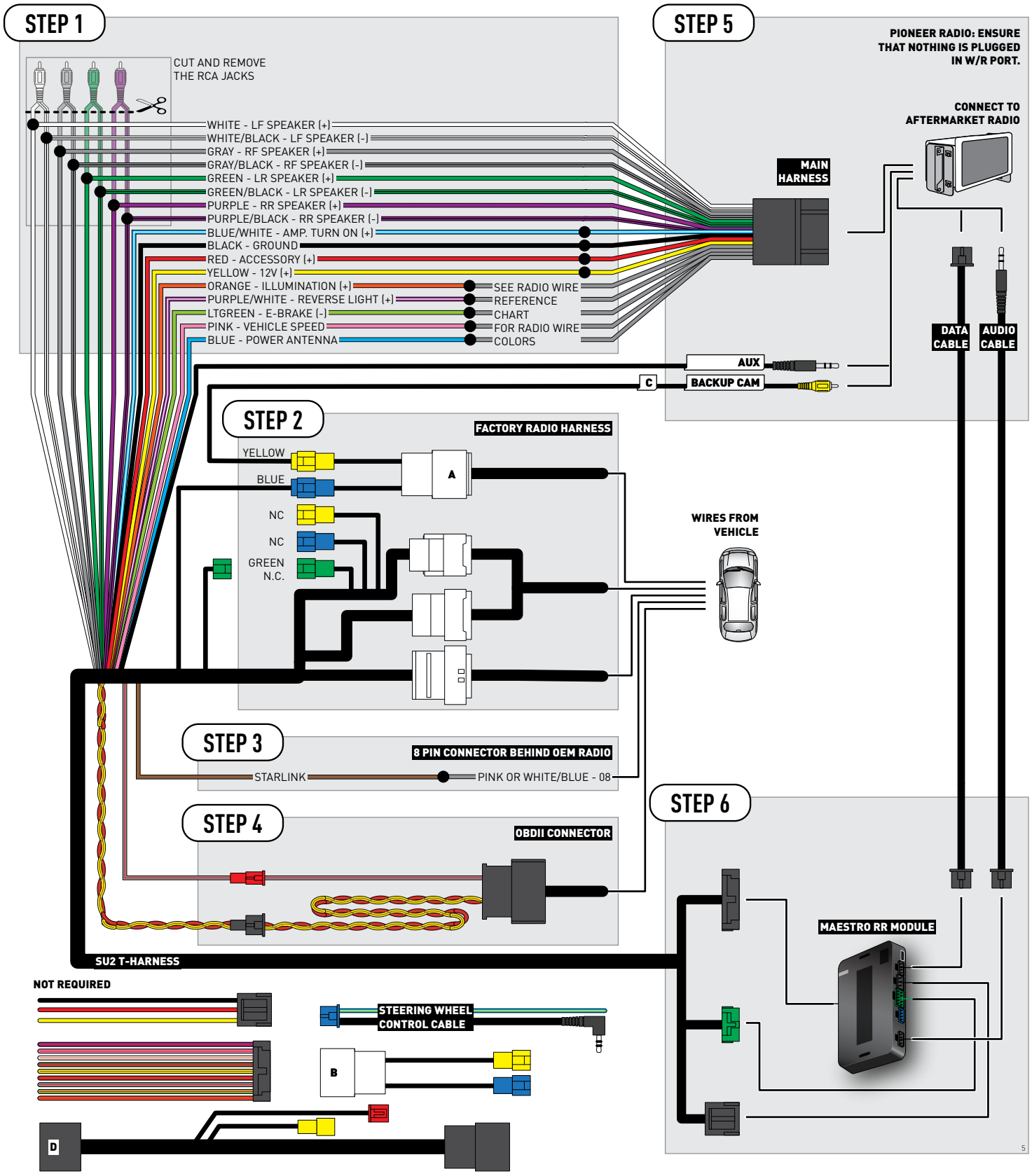
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
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The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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 add 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.

INSTALL GUIDE

2015
SUBARU WRX
WITH NAV AND AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

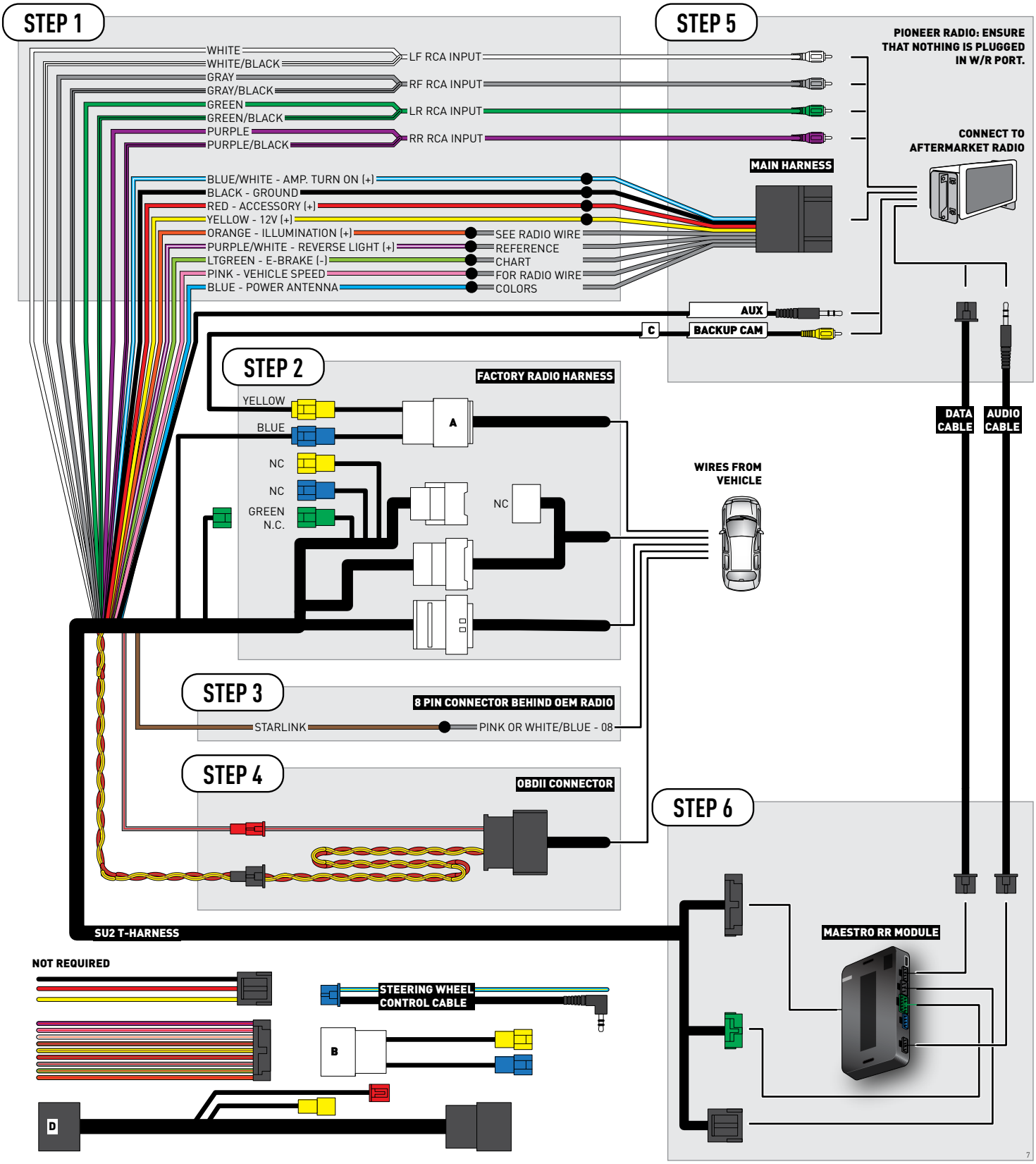
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2017
SUBARU XV CROSSTREK
WITH 6.2 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 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.

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

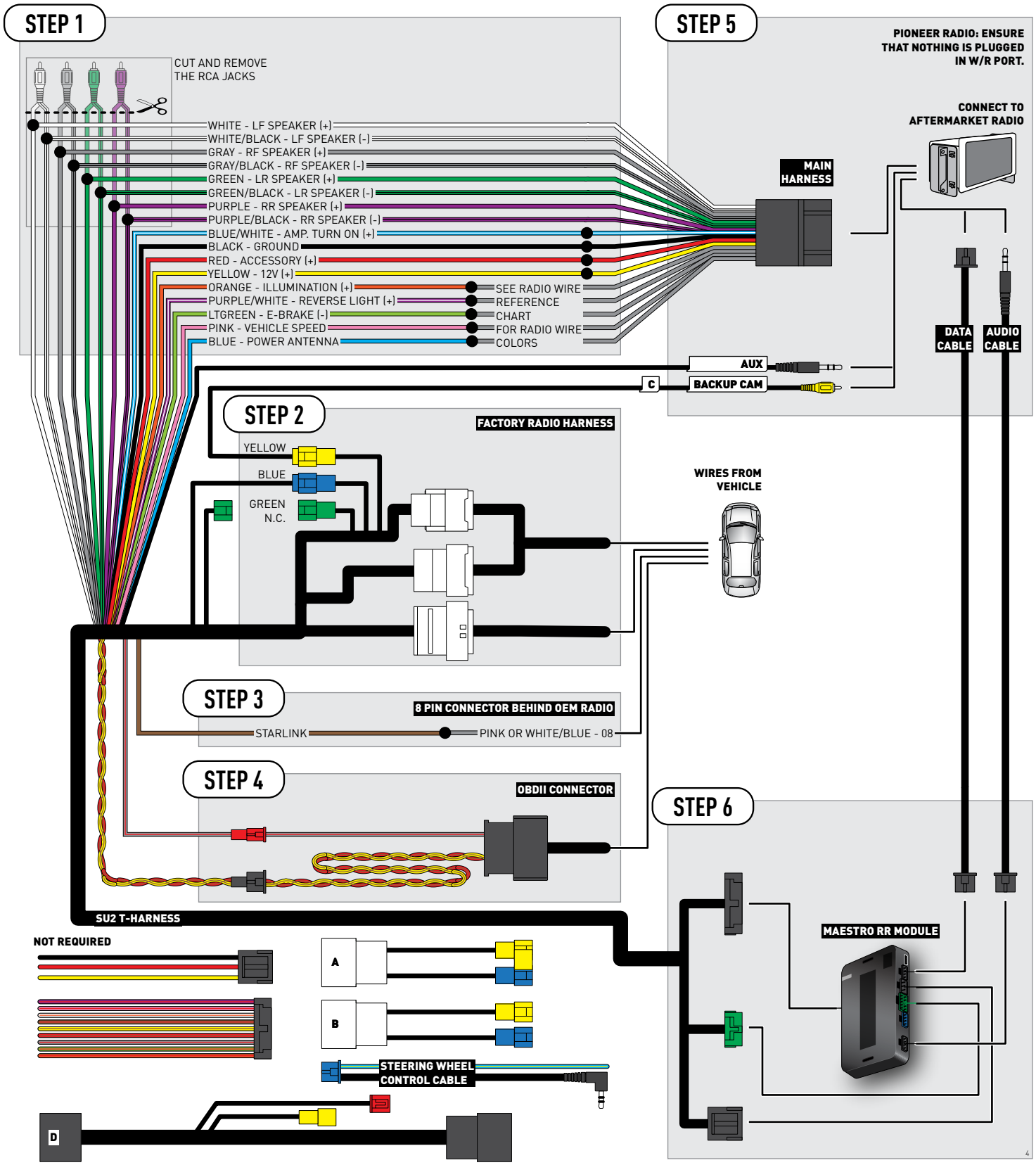
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2017
SUBARU XV CROSSTREK
WITH 6.2 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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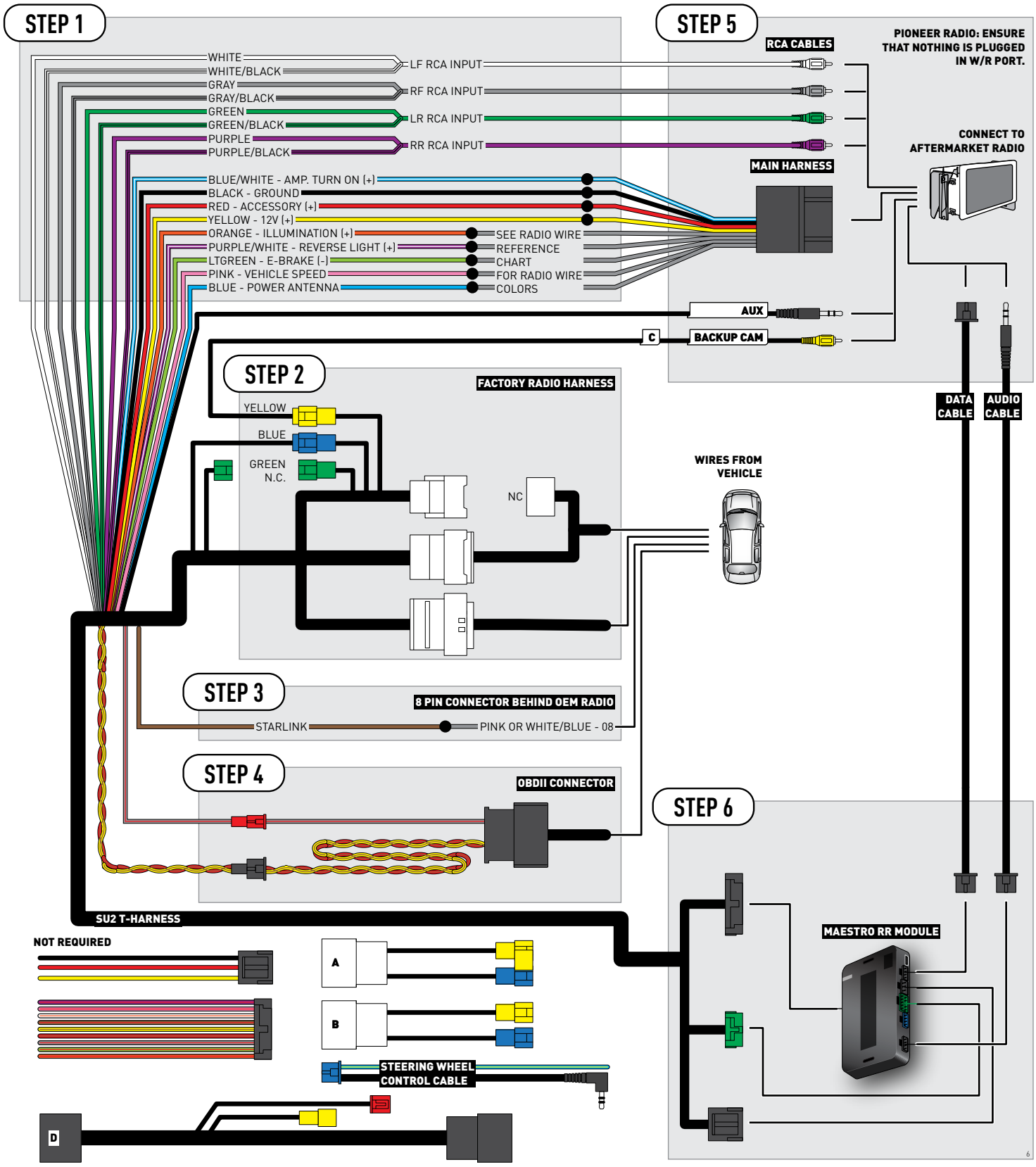
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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Turn the key to the OFF position, then disconnect all connectors from the module.
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INSTALL GUIDE

2015-2017
SUBARU XV CROSSTREK
WITH 7 INCH SCREEN

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
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- Assemble the SU2 T-harness and connect it to the factory radio harness.

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

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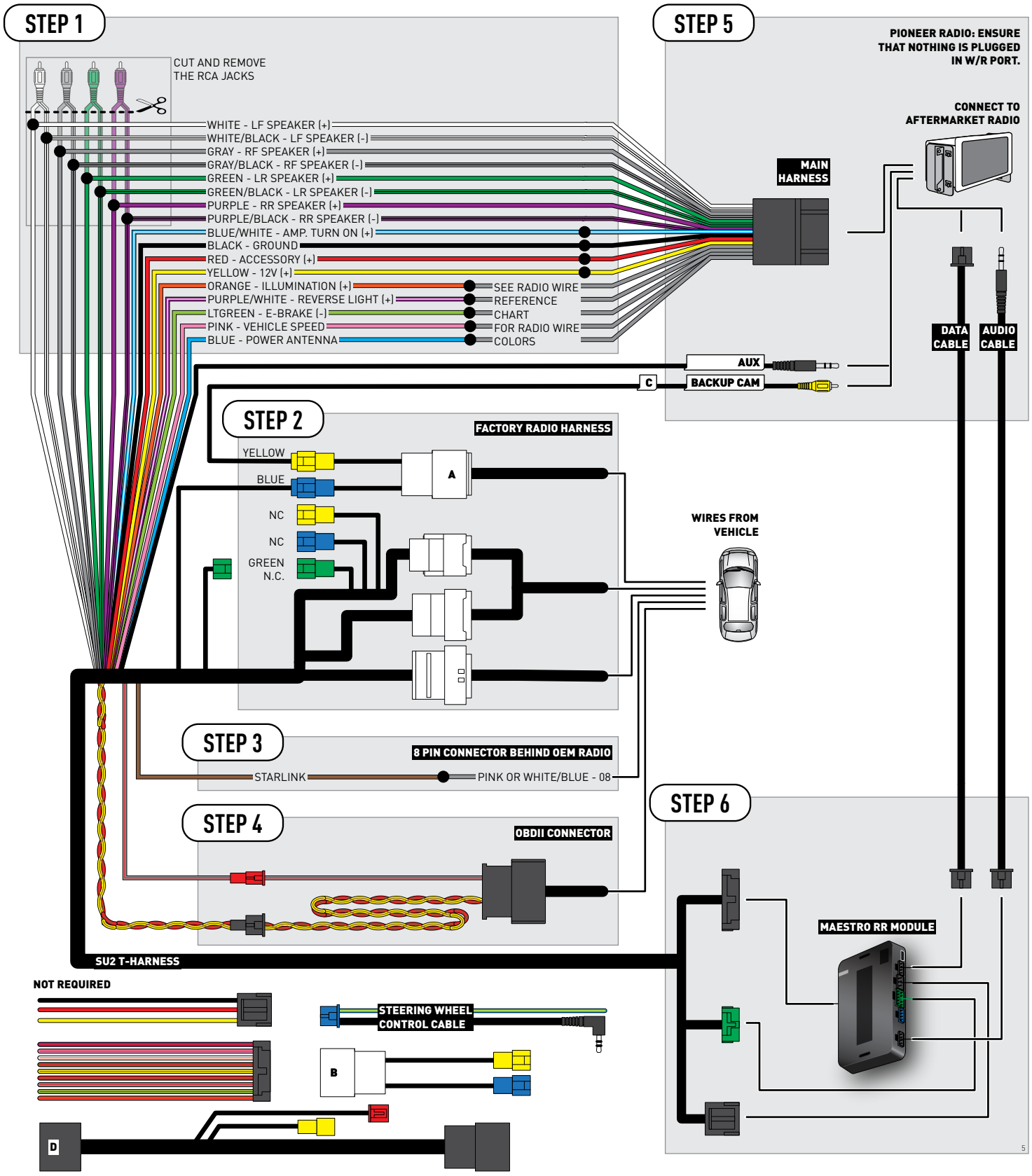
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

5

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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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2015-2017
SUBARU XV CROSSTREK
WITH 7 INCH SCREEN AND HARMAN KARDON

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

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ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

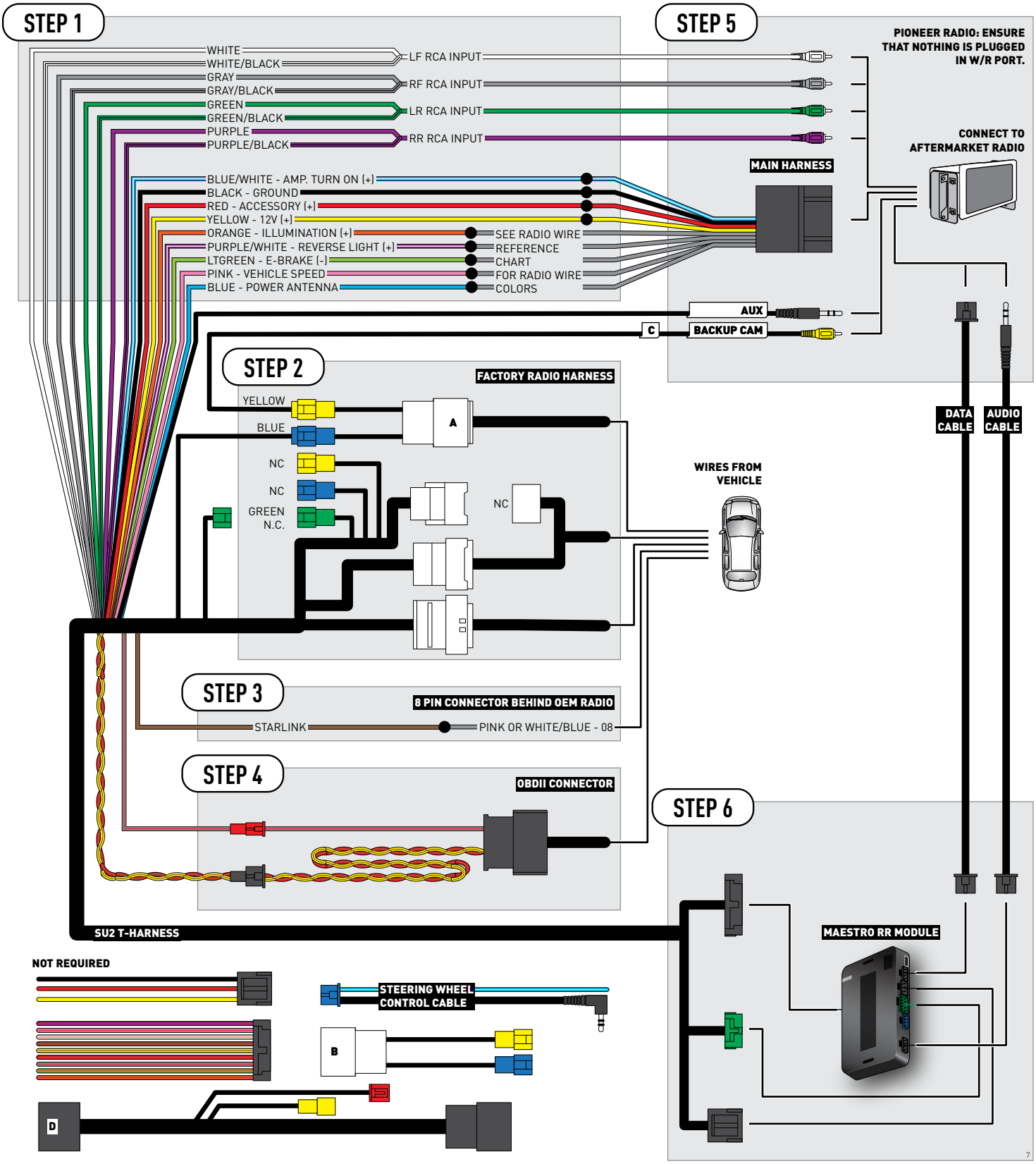
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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MAESTRO RR RESET PROCEDURE:

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INSTALL GUIDE

2013-2014
SUBARU XV CROSSTREK
WITH HARMAN KARDON AND OEM CAMERA ON RADIO

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

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iDatalink Maestro HRN-RR-SU2 Installation Harness

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STEP 1

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- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the AUX cable to the aftermarket radio.
- Plug the RCA cable to 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).

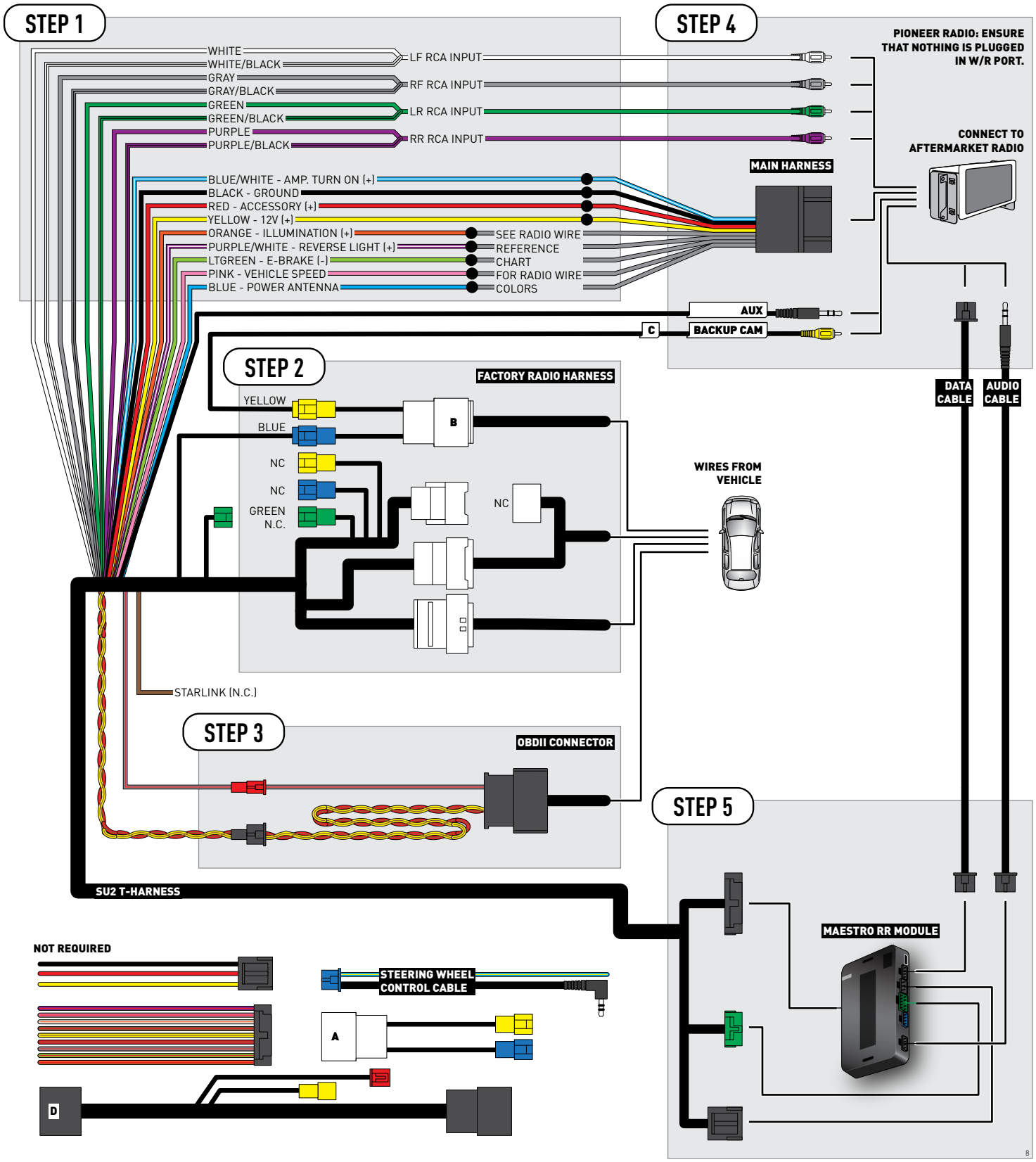
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

8

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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MAESTRO RR RESET PROCEDURE:

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INSTALL GUIDE

2013-2014
SUBARU XV CROSSTREK
WITH NAV AND HARMAN KARDON AND OEM CAMERA ON SECONDARY DISPLAY

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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STEP 1

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STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

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- Plug the AUX cable to the aftermarket radio.
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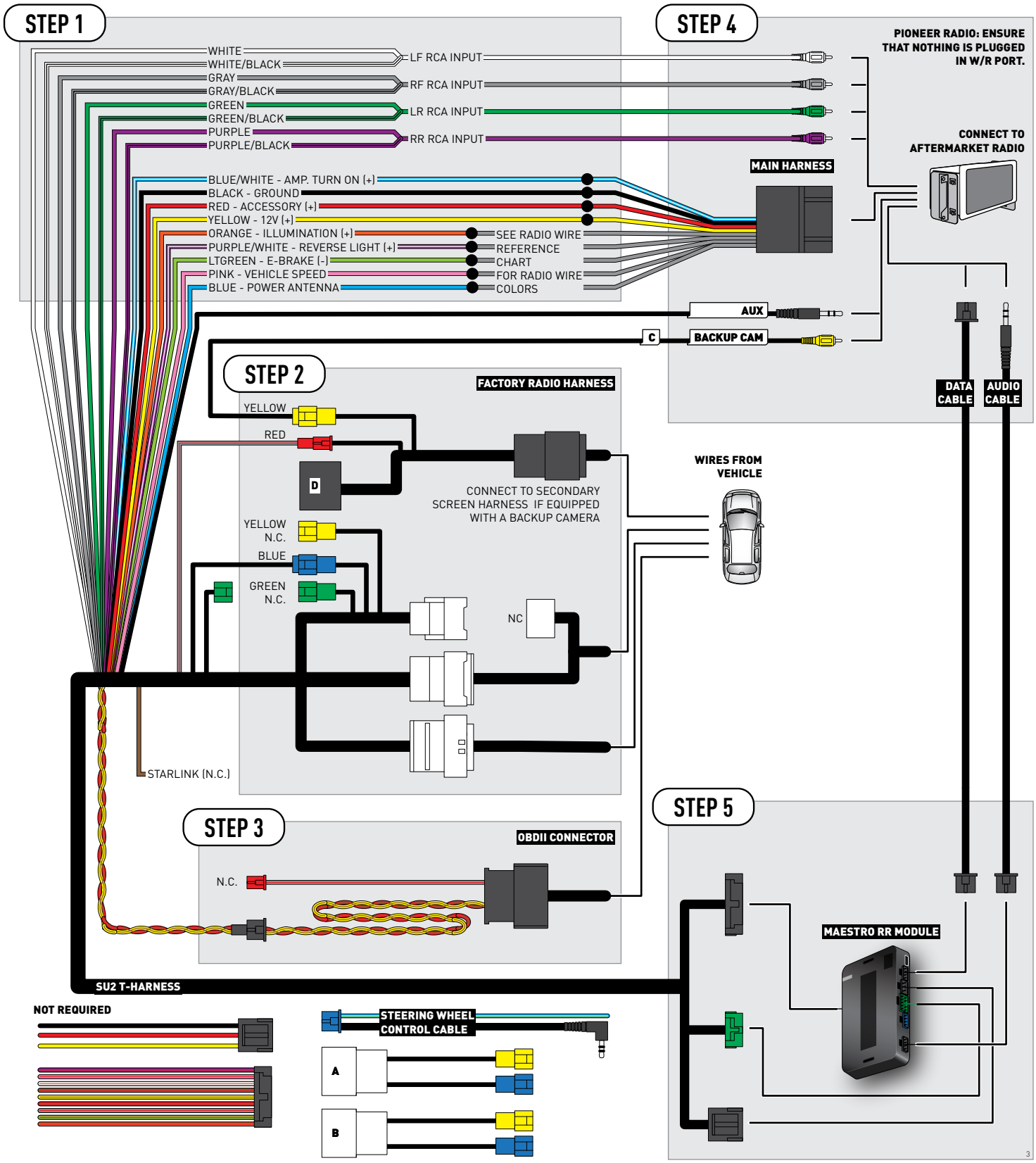
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

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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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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
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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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TECHNICAL ASSISTANCE

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INSTALL GUIDE

2013-2014
SUBARU XV CROSSTREK
WITH NAV AND OEM CAMERA ON SECONDARY DISPLAY

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

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

STEP 4

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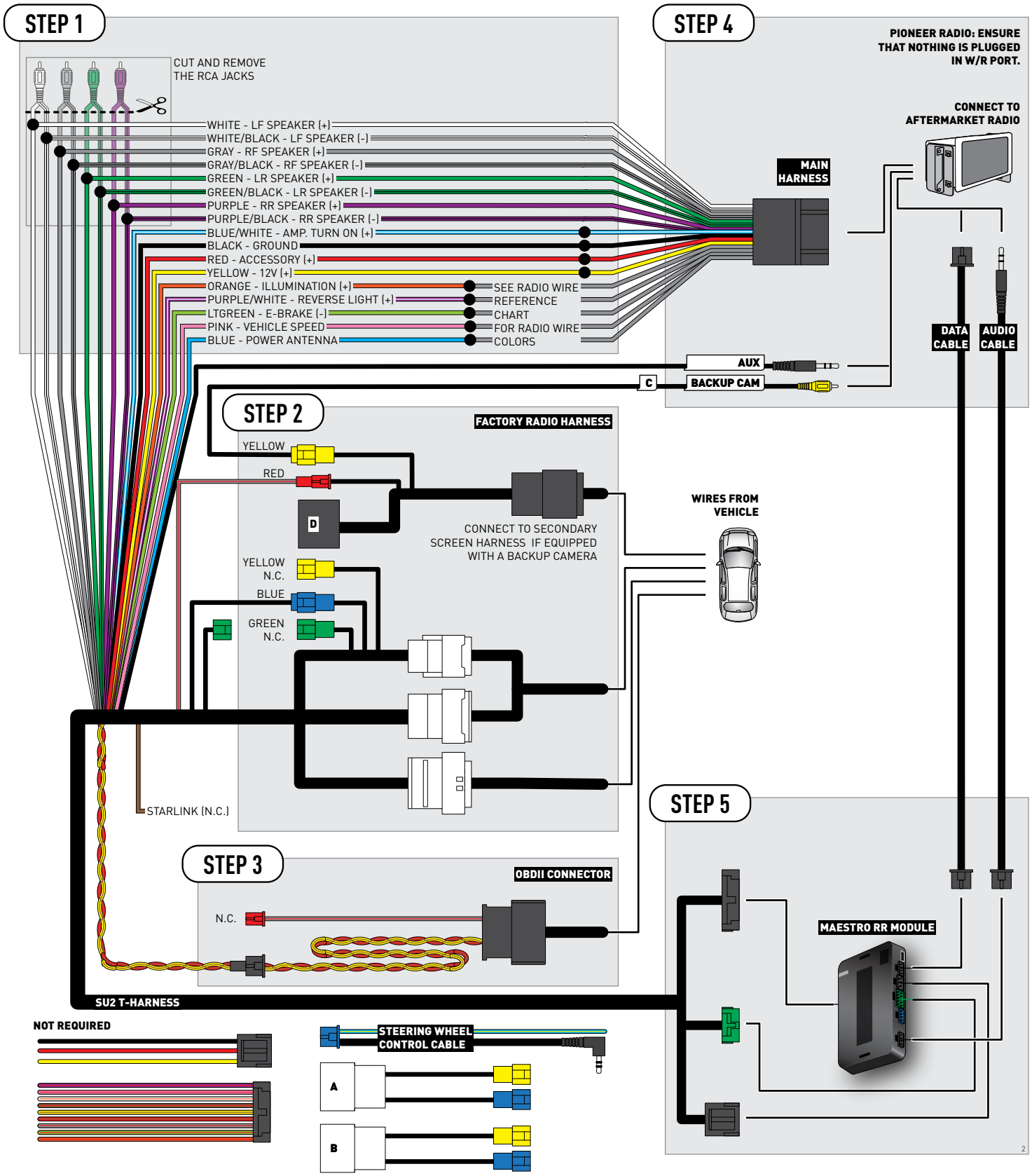
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 5

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

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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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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
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INSTALL GUIDE

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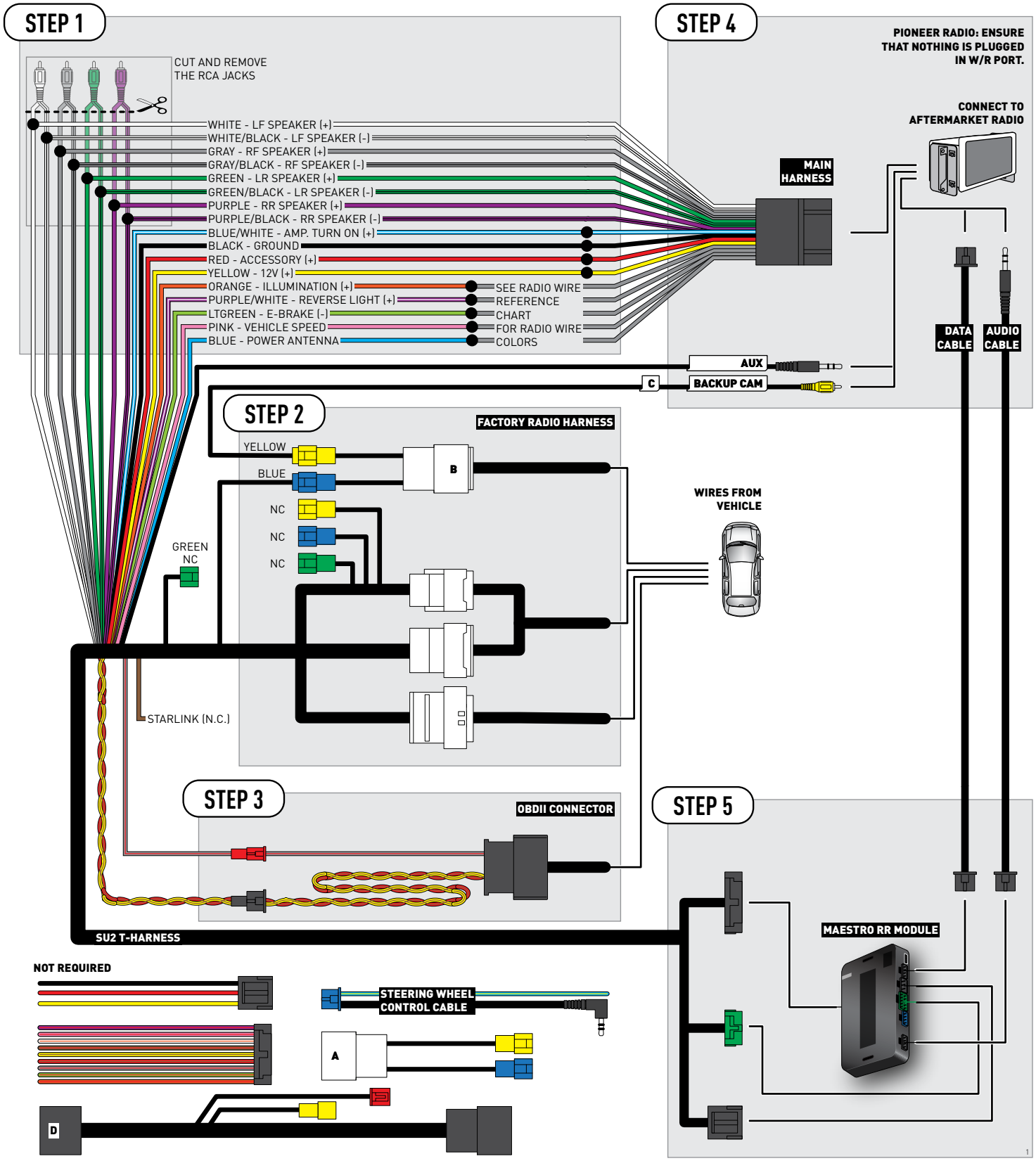
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1

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

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PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2017-2019
TOYOTA 86
BASE

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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NEED HELP?

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maestro.support@idatalink.com

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

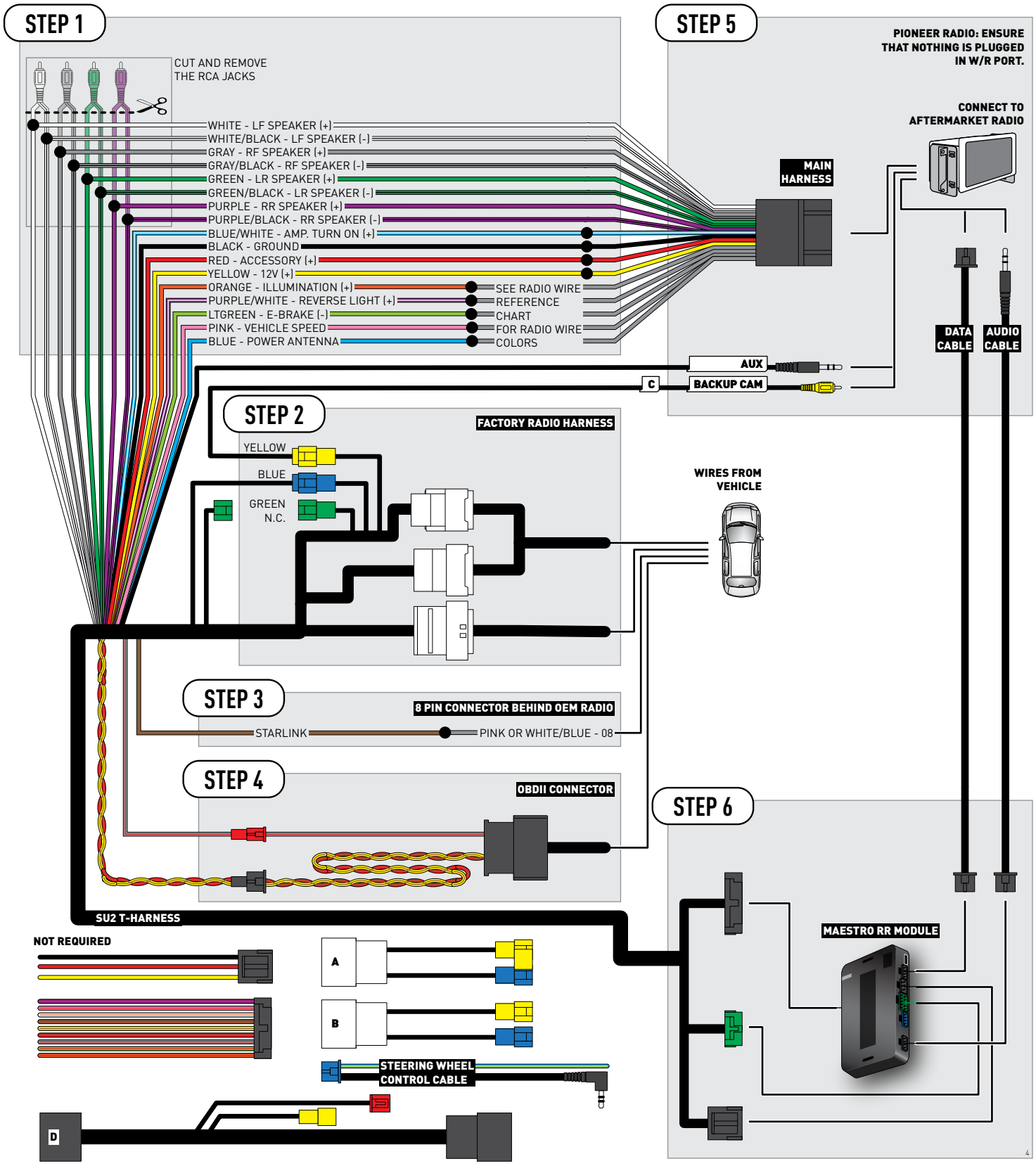
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

4

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2017-2019
TOYOTA 86
WITH AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

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OPTIONAL ACCESSORIES

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ACC-uSU2

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WELCOME

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

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

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

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INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips.
- Connect the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Cut the Brow/Red wire from SU2 T-Harness (see Wiring Diagram) and connect it to the Blue/White wire from aftermarket radio main harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

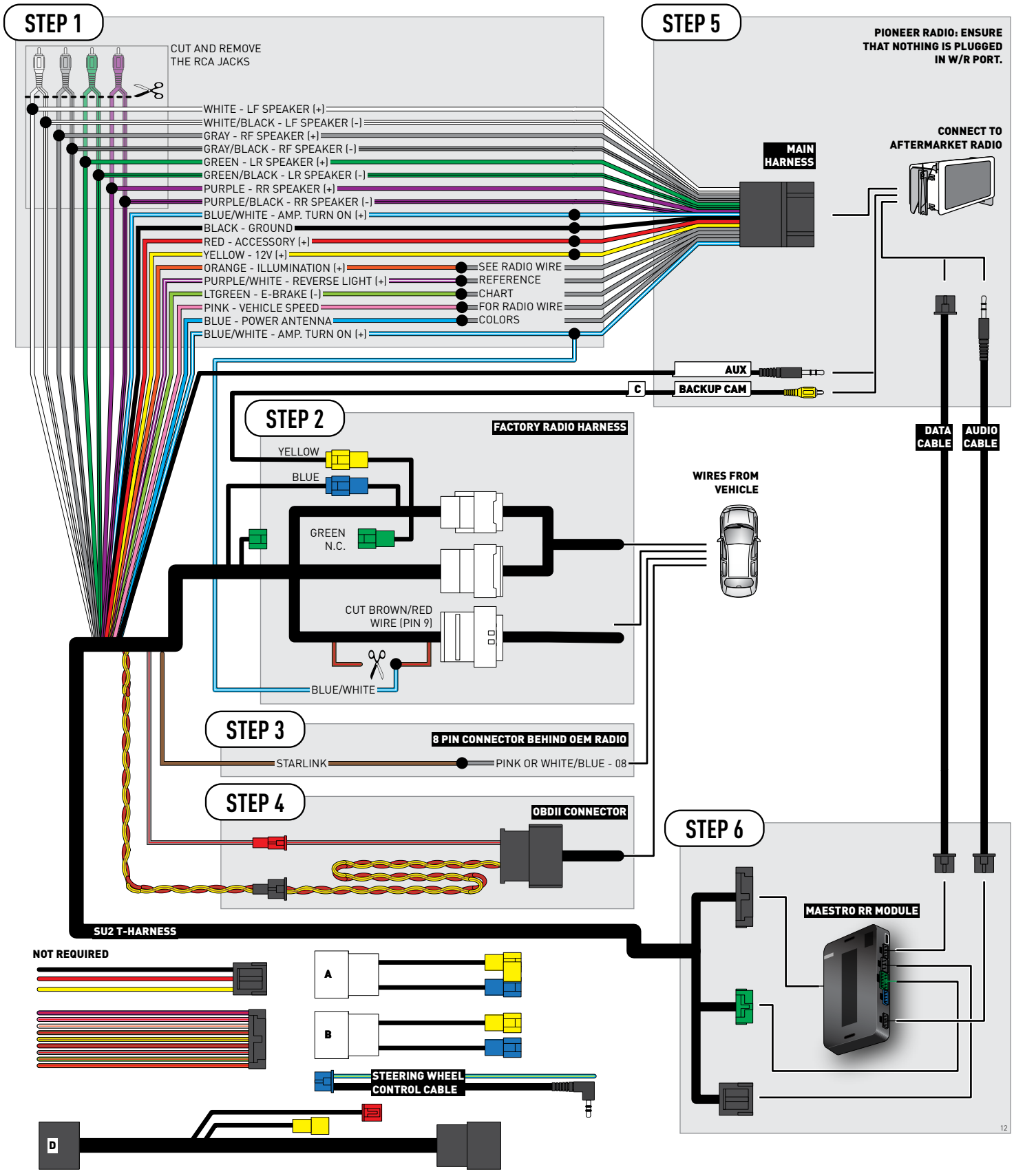
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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

Web: maestro.idatalink.com/support add 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.

INSTALL GUIDE

2017-2019
TOYOTA 86
WITH NAV

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRN-RR-SU2 Installation Harness

PROGRAMMED FIRMWARE

ADS-RR(SR)-SUB2-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 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.

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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 the wires from aftermarket radio main harness to the SU2 T-harness and match the wire functions.
- Remove the factory radio.

STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.

STEP 3

Note: Connection required if the vehicle is equipped with Starlink telematics and a SOS button.

- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

STEP 4

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

STEP 5

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

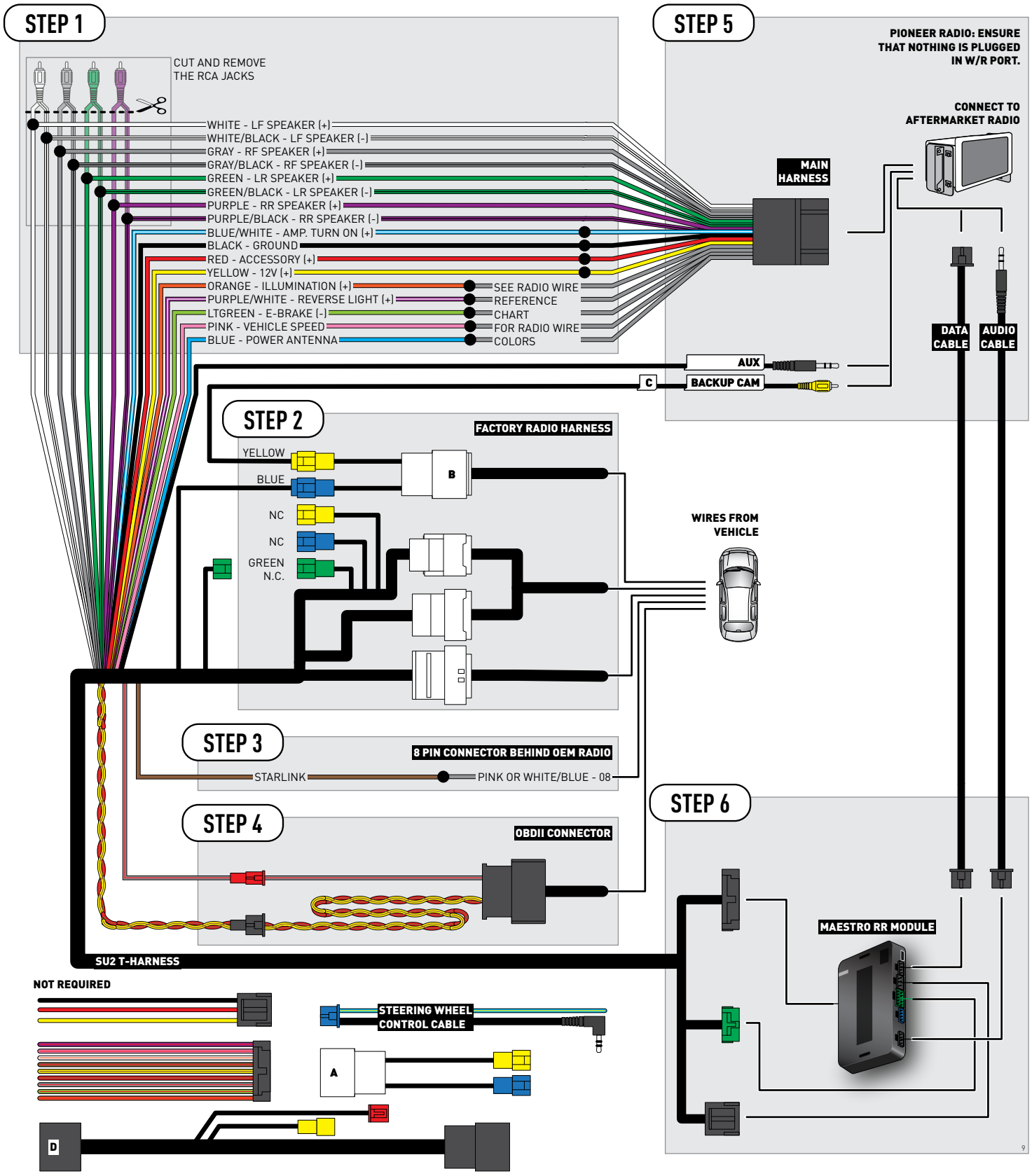
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

9

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
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink
Power Antenna	(+)	Blue	Blue	Blue	N/A

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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	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. 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.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.
The Harman Kardon system has no sound. (if applicable)	Ensure the **BLUE/WHITE** amp turn-on wire is connected. Ensure the 6-pin connector (the plug with blue, green, green/black, purple, and purple/black wires) on the T-harness is not connected to the car.

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.

INSTALL GUIDE

2017-2019
TOYOTA 86
WITH NAV WITH AMP

RETAINS STEERING WHEEL CONTROLS, AMPLIFIER, AND MORE!



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INSTALLATION INSTRUCTIONS

STEP 1

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STEP 2

- Assemble the SU2 T-harness and connect it to the factory radio harness.
- Cut the Brow/Red wire from SU2 T-Harness (see Wiring Diagram) and connect it to the Blue/White wire from aftermarket radio main harness.

STEP 3

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- Connect the BROWN Starlink wire to PINK or WHITE/BLUE (pin 8) of the 8 pin connector behind the OEM Radio.

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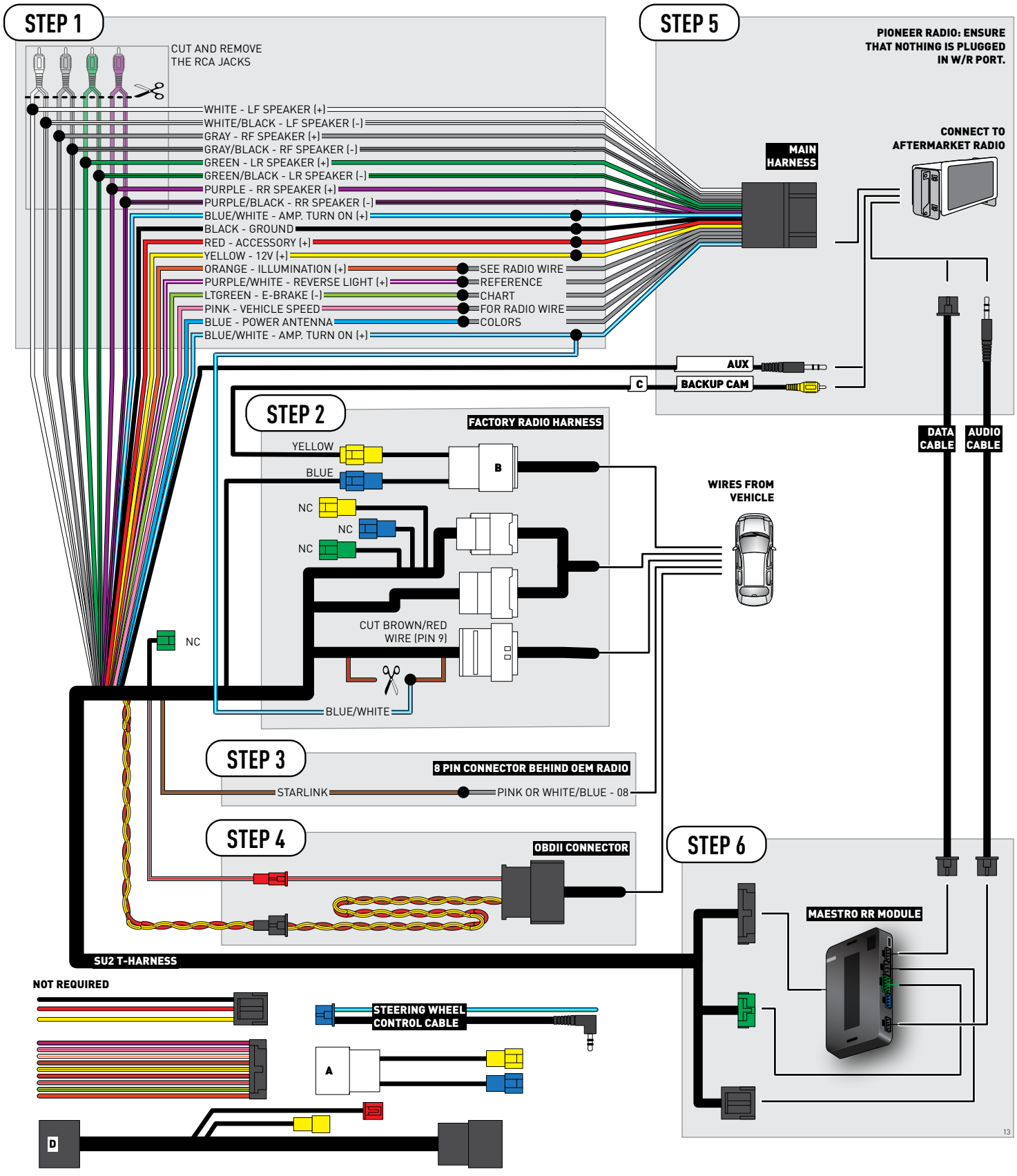
Note: On Pioneer radio, ensure that there is nothing plugged into the W/R port.

STEP 6

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

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WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

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MAESTRO RR RESET PROCEDURE:

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