SELECT VEHICLE
PRINT PAGES NEEDED

iDATALINK maestro SR

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 SR according to the guide for your vehicle.

WARNING

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

INSTALL GUIDE

2007-2013
LINCOLN NAVIGATOR

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

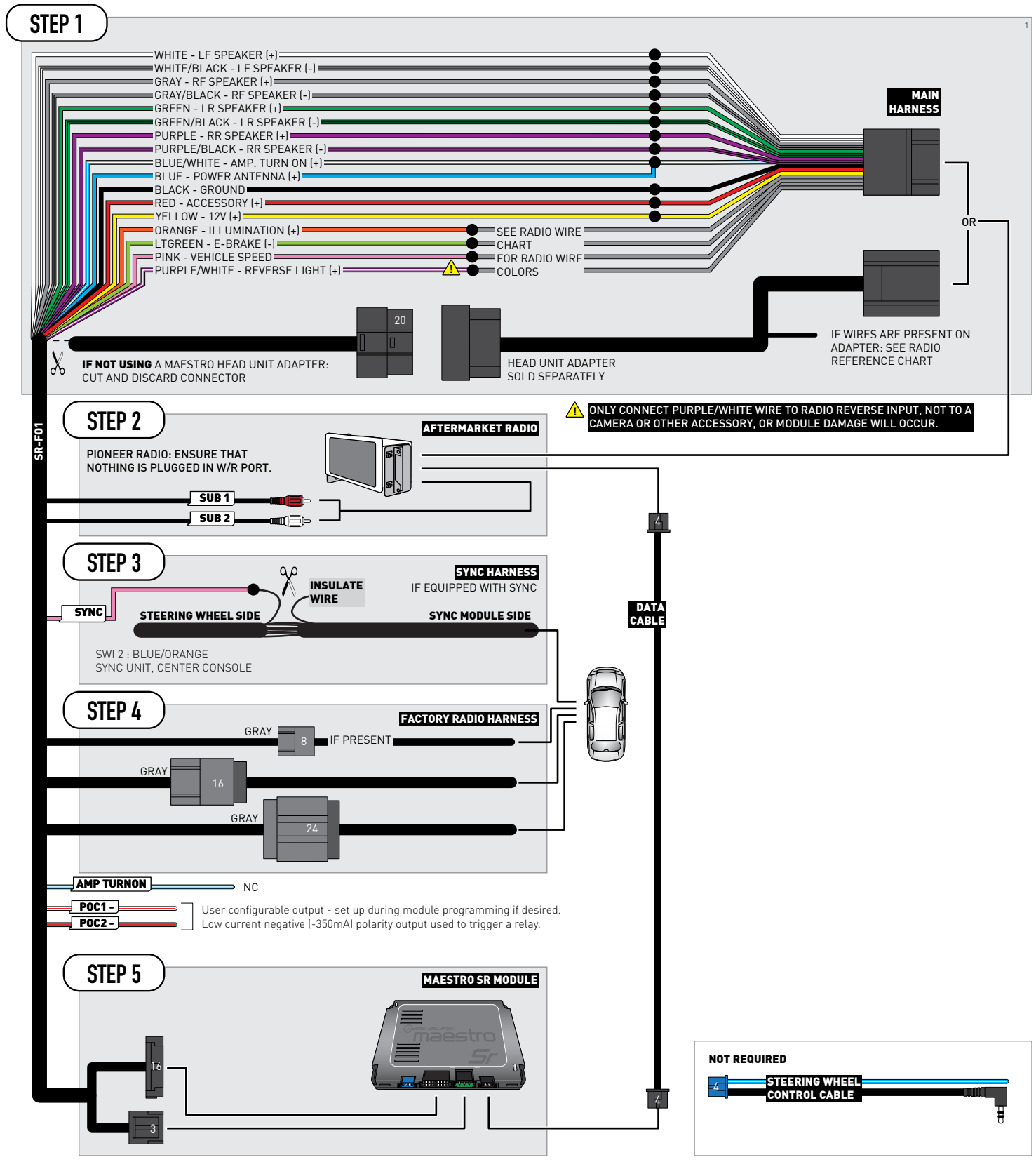
Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2020
FORD ECONOLINE

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

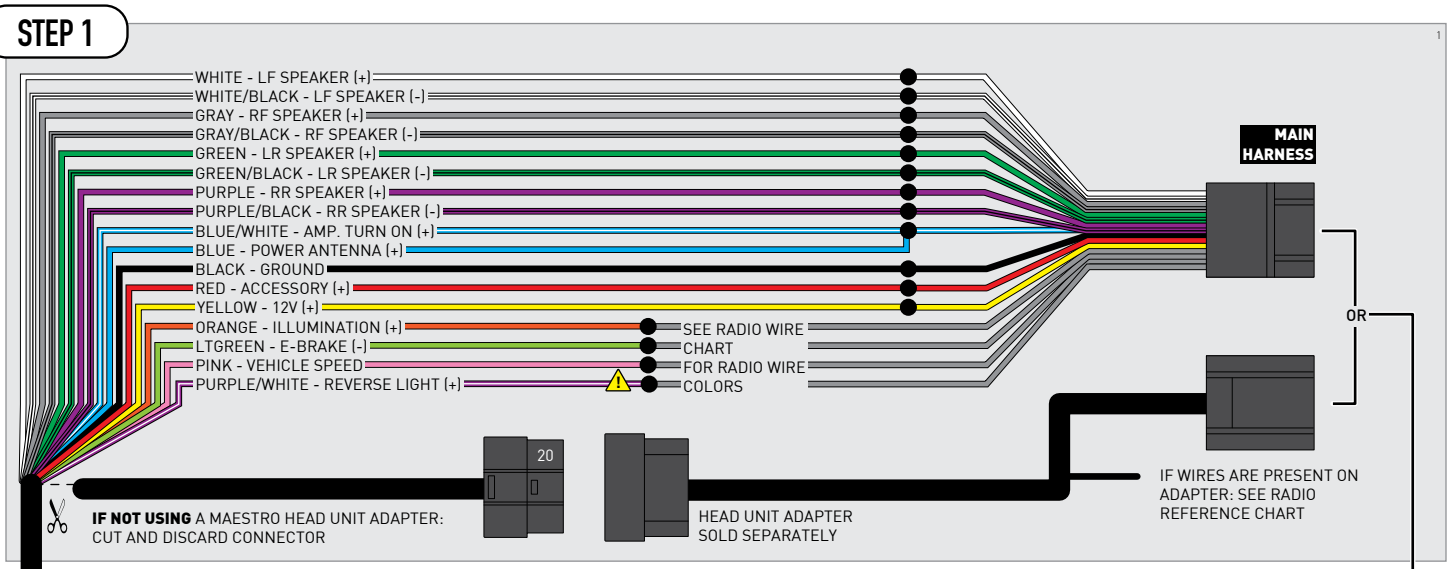
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

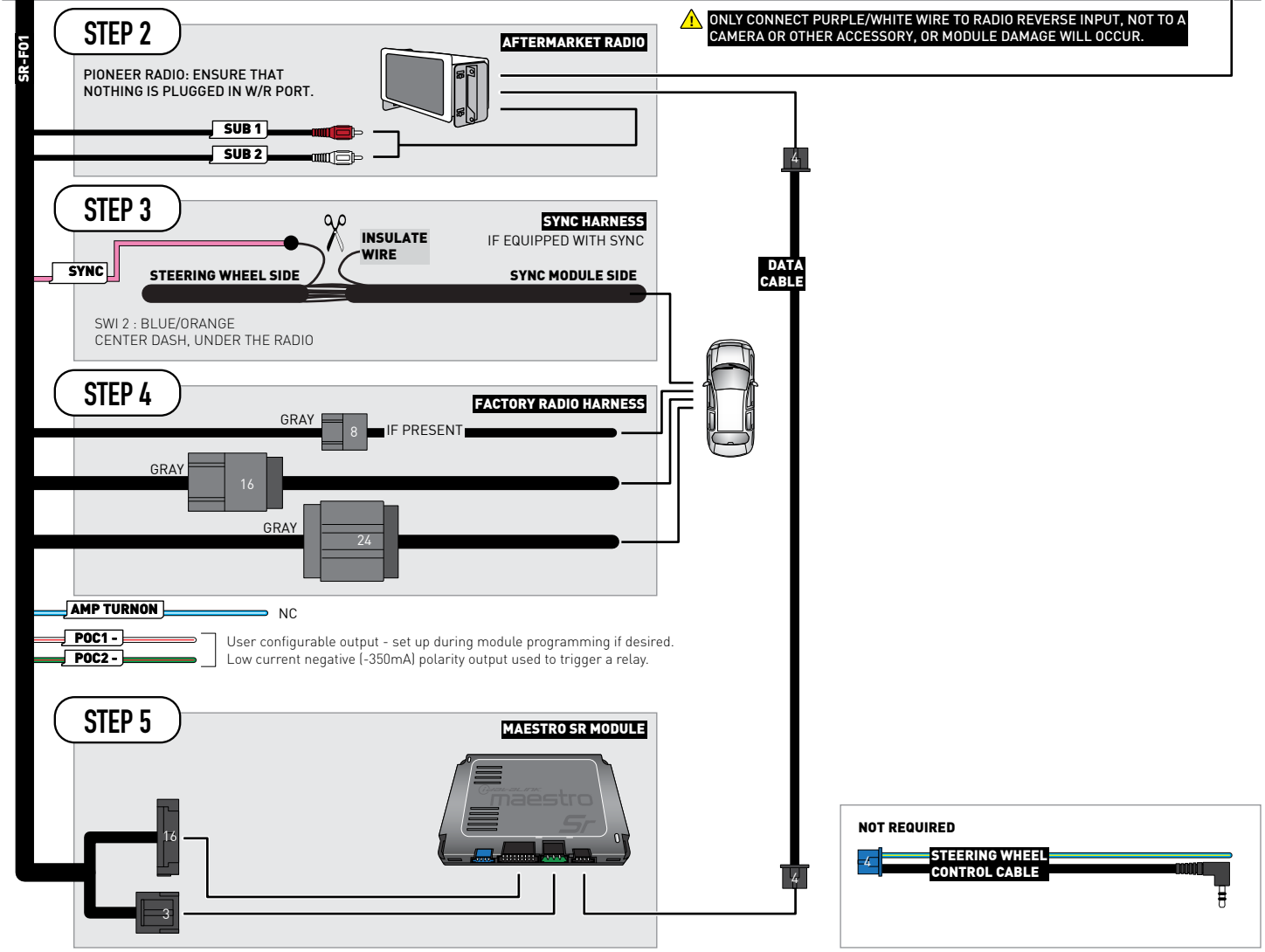
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2007-2010
FORD EDGE

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

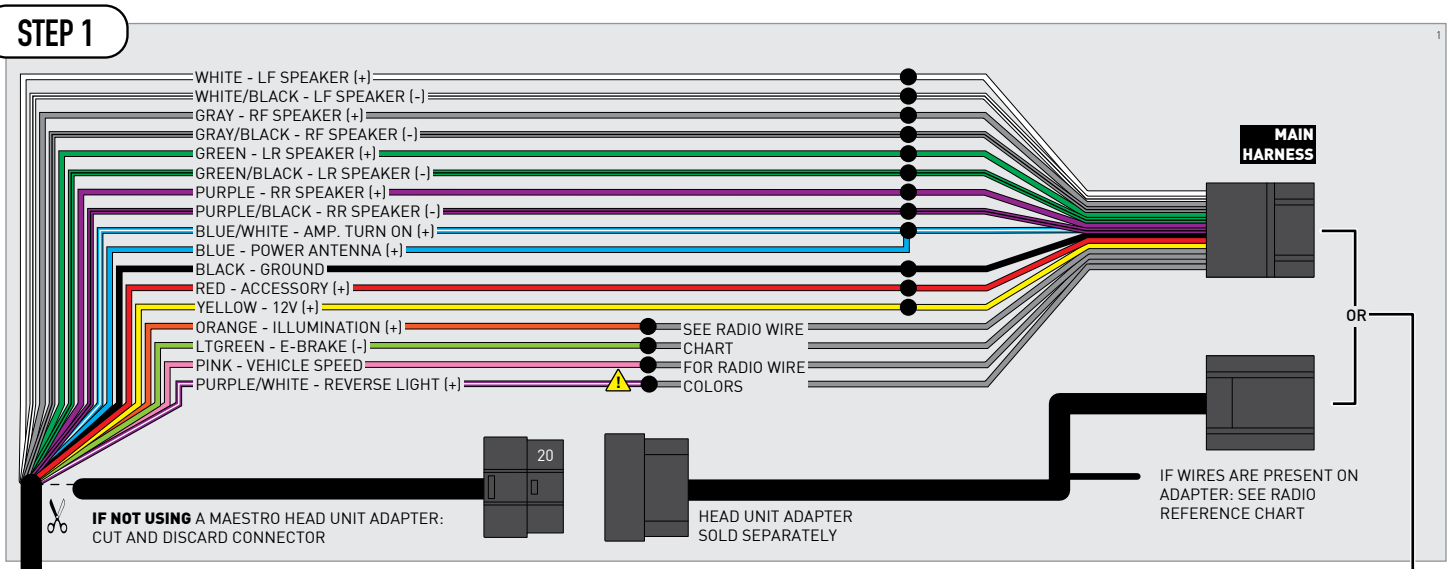
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER CONSOLE, RIGHT SIDE, HARNESS GOING TO THE BACK

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2012
FORD ESCAPE

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

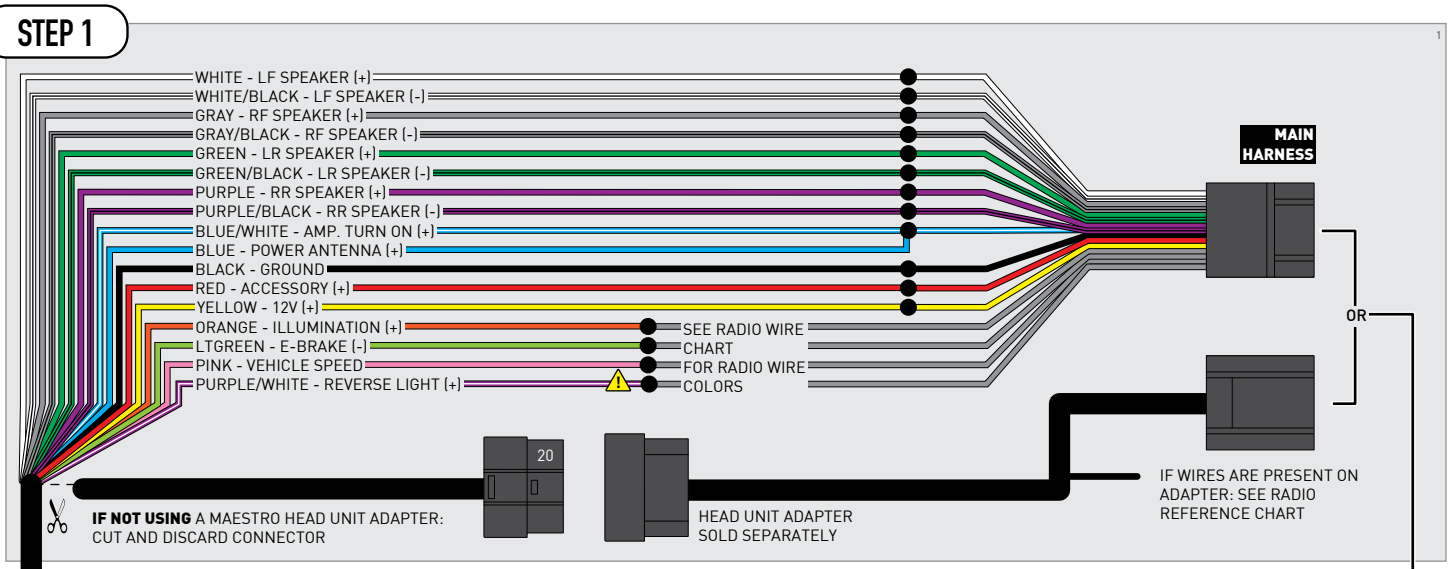
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
JUNCTION CONNECTOR, BEHIND THE RADIO TO THE RIGHT

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2007-2014
FORD EXPEDITION

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

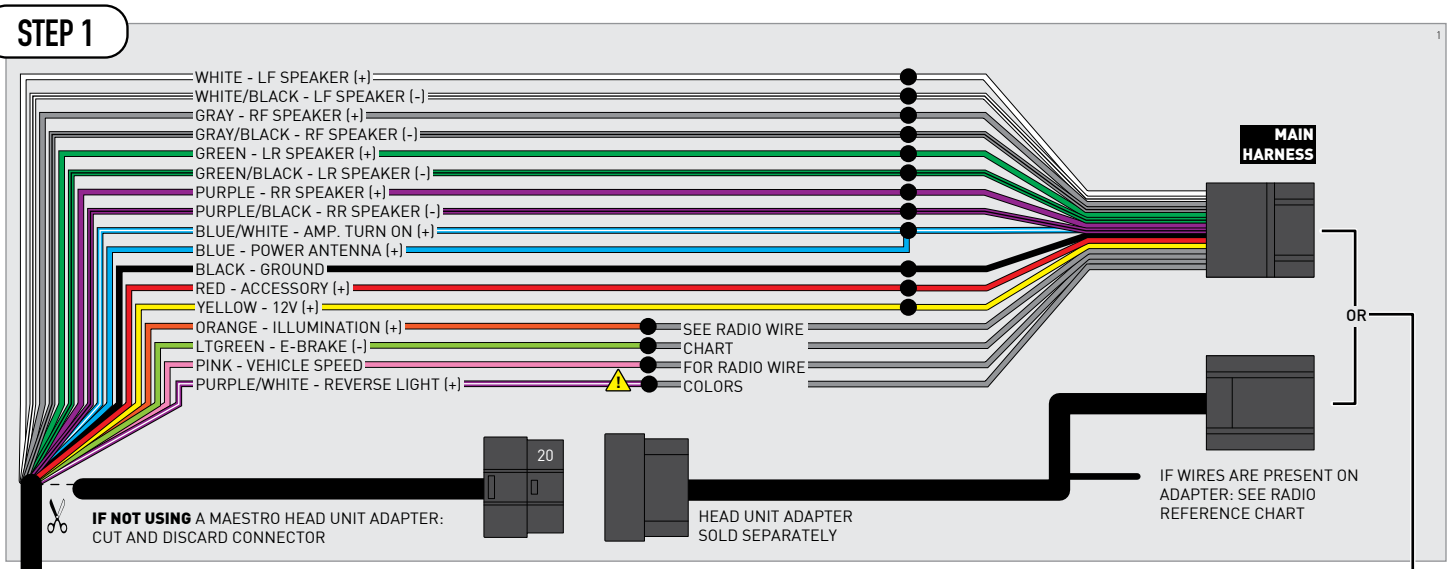
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

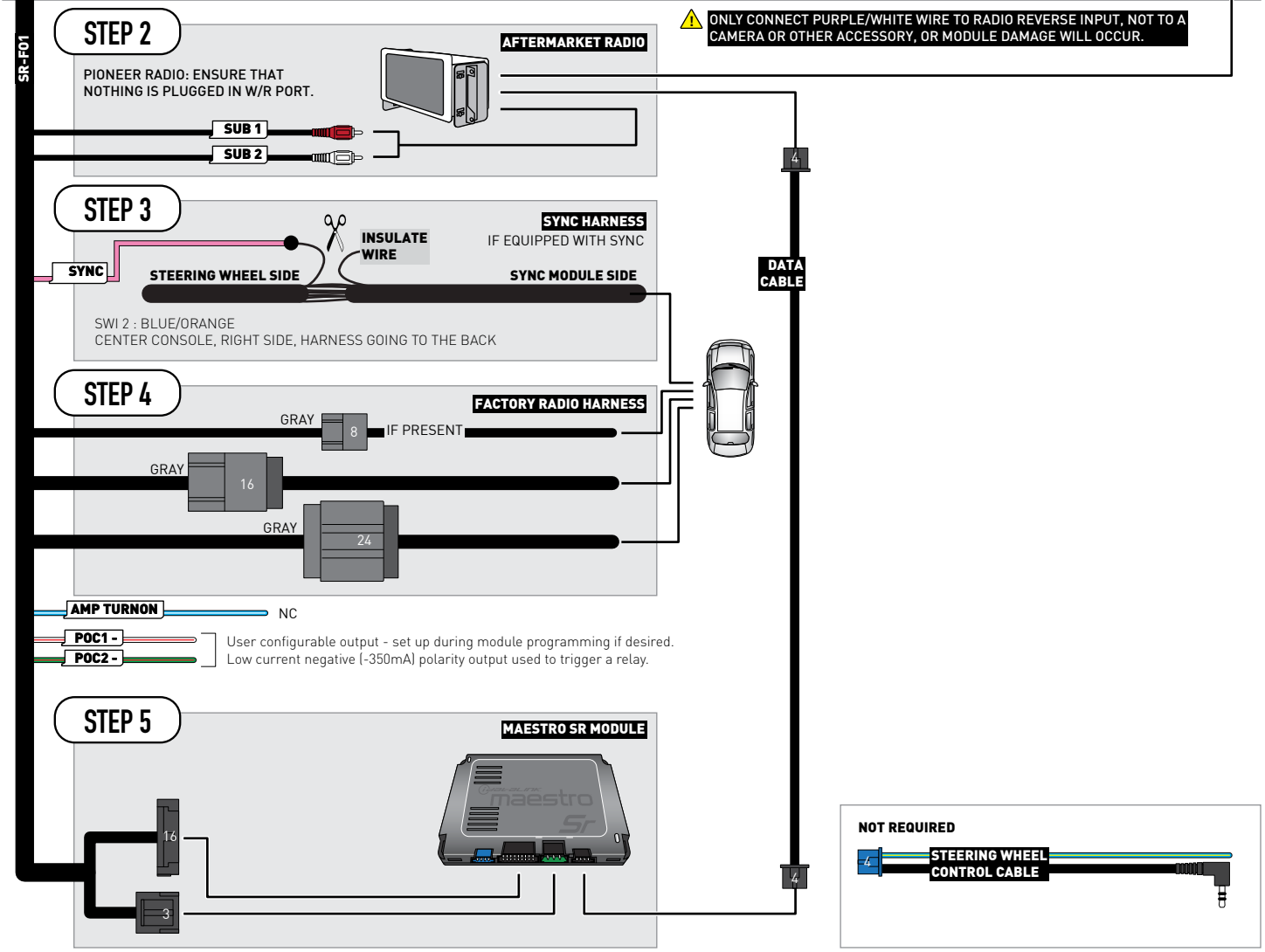
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2006-2010
FORD EXPLORER

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

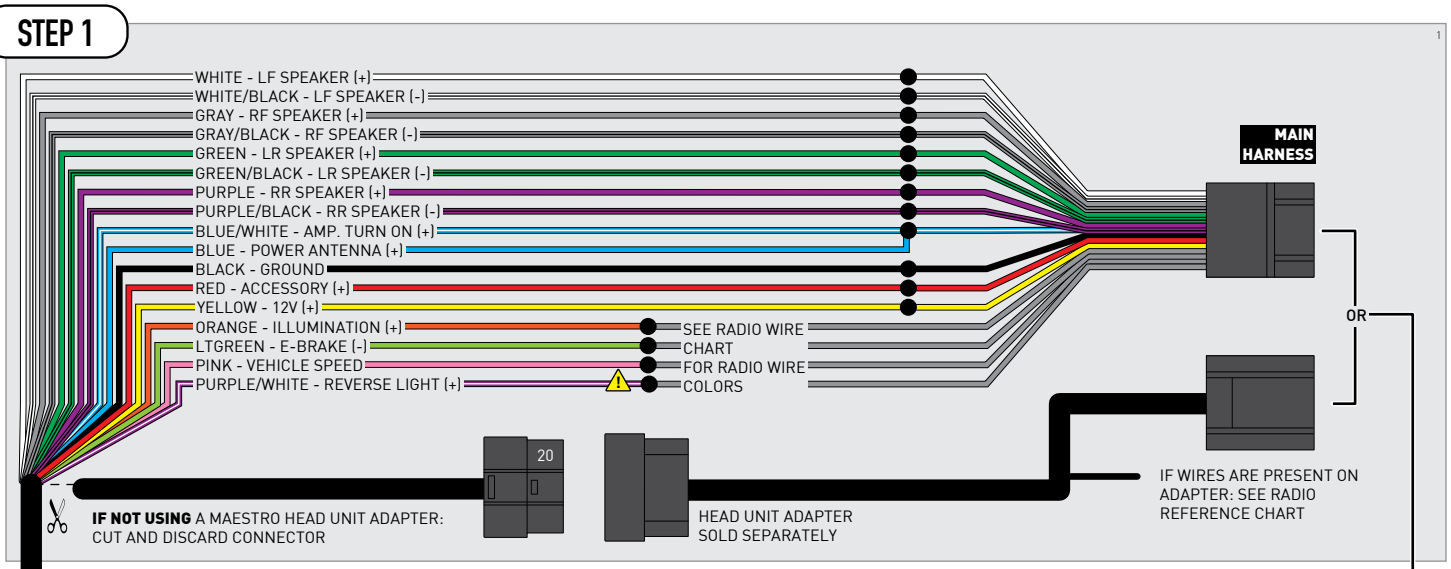
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-FO1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

INSULATE WIRE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : WHITE/BROWN
CENTER CONSOLE, HARNESS GOING TO THE BACK

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2006-2010
FORD EXPLORER SPORT TRAC

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

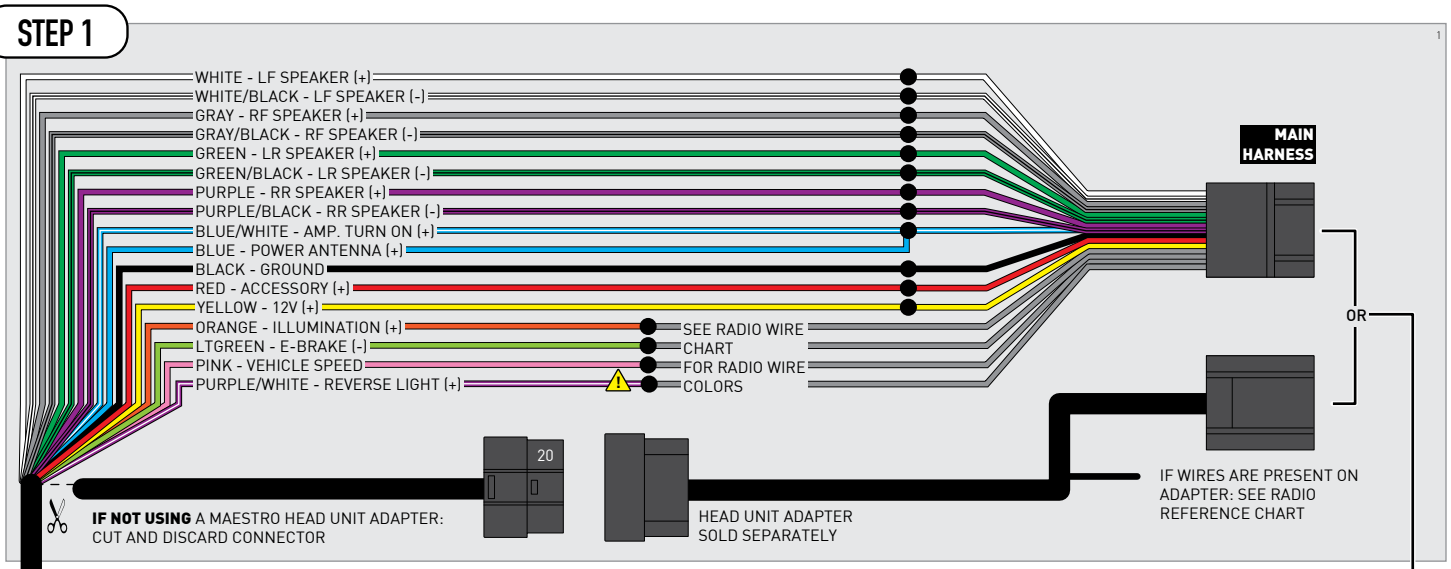
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

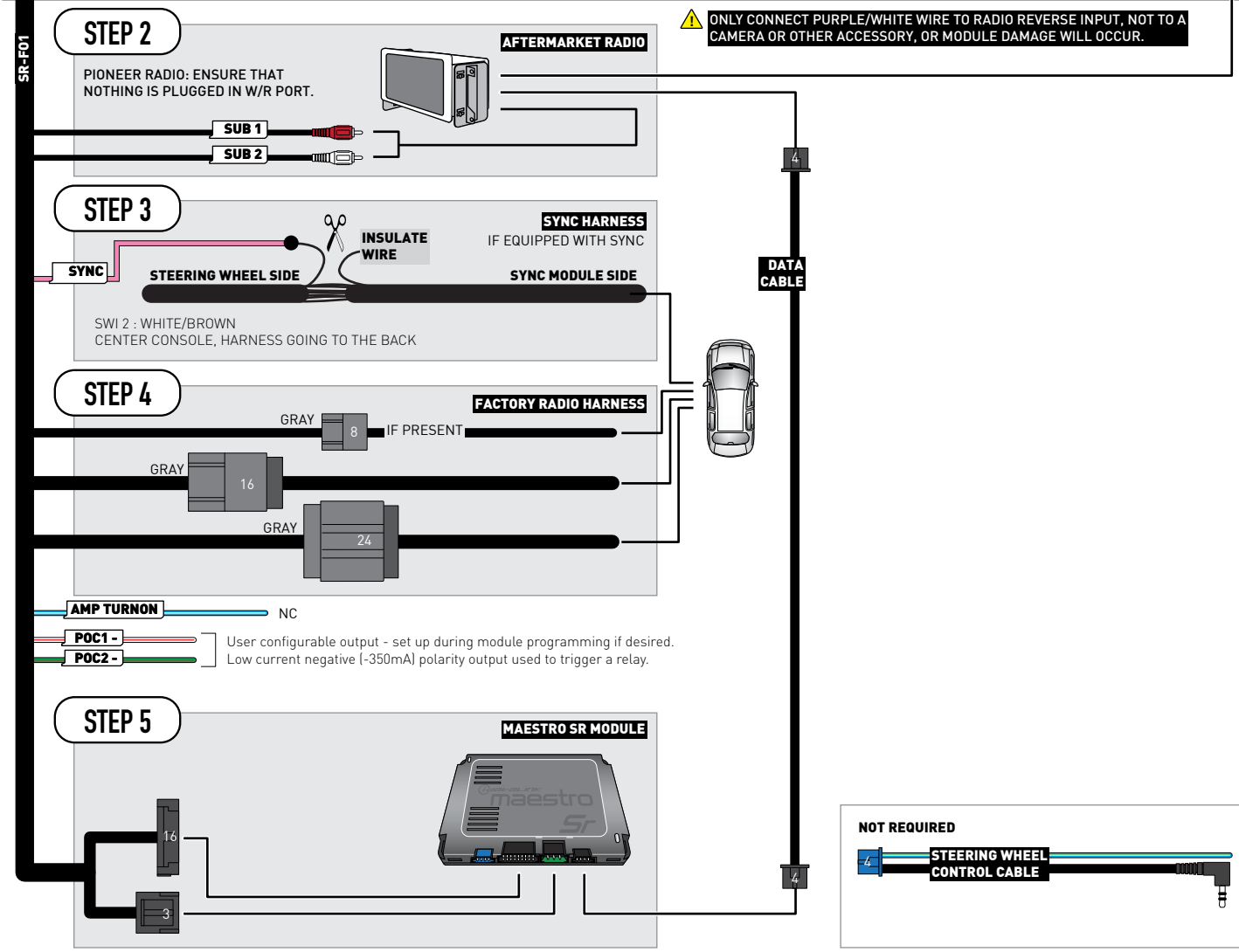
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2013-2014
FORD F-150
WITHOUT MYFORD OR MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

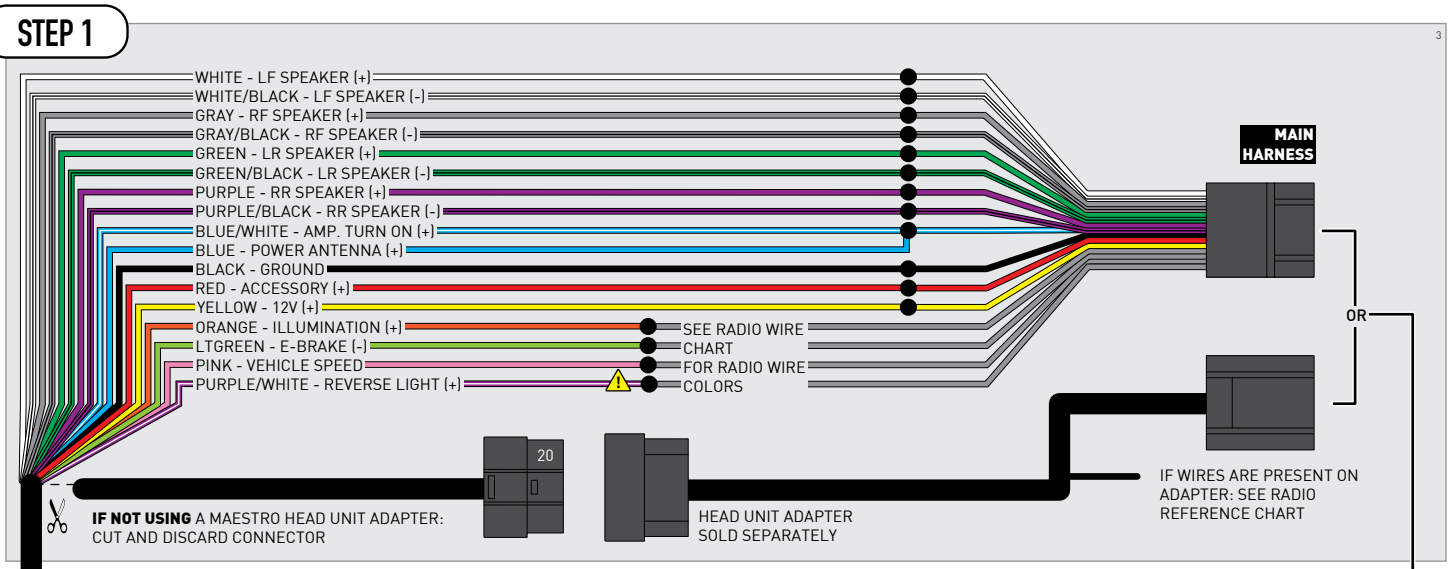
STEP 4

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1

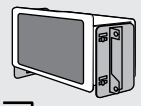


ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.



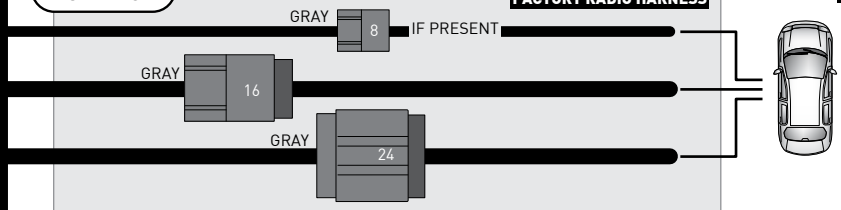
SUB 1

SUB 2

4

DATA CABLE

STEP 3



SYNC — NC

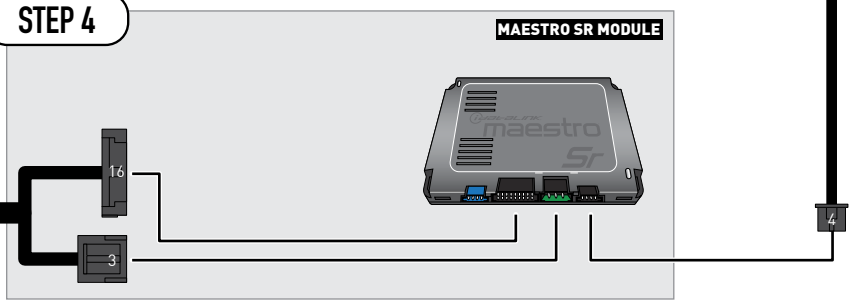
AMP TURNON — NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4



4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2009-2010
FORD F-150
WITHOUT NAV

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

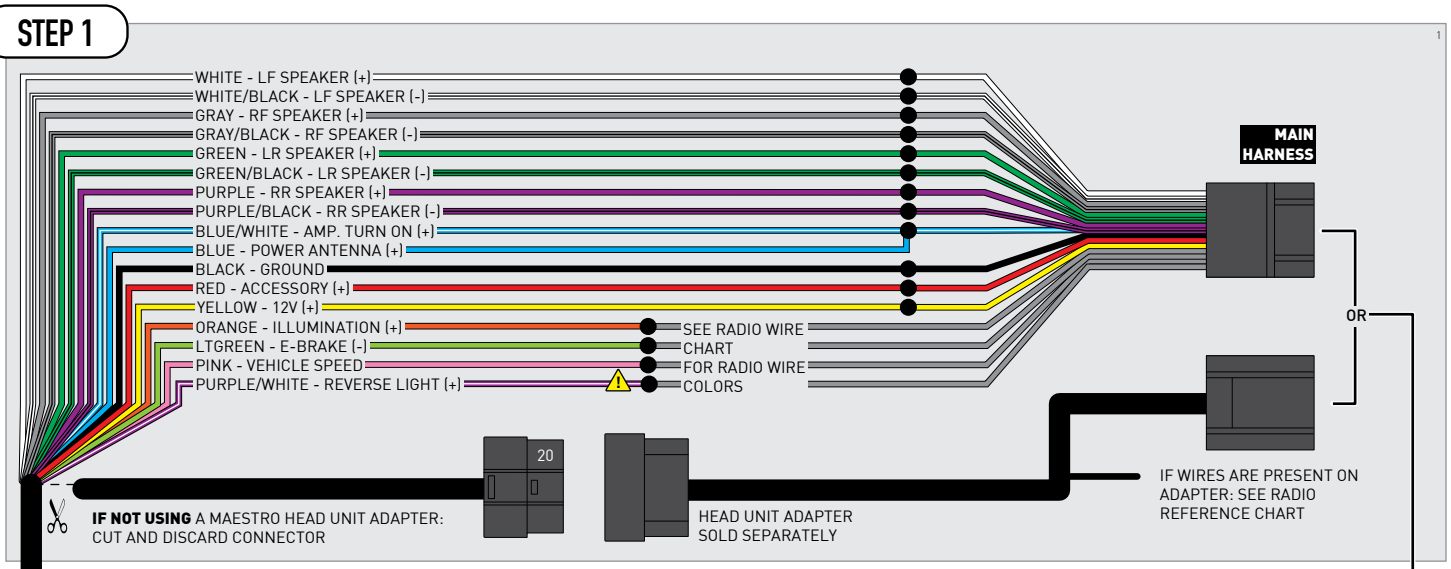
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER DASH, UNDER THE TRAY

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2011-2012
FORD F-150
WITHOUT NAV

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

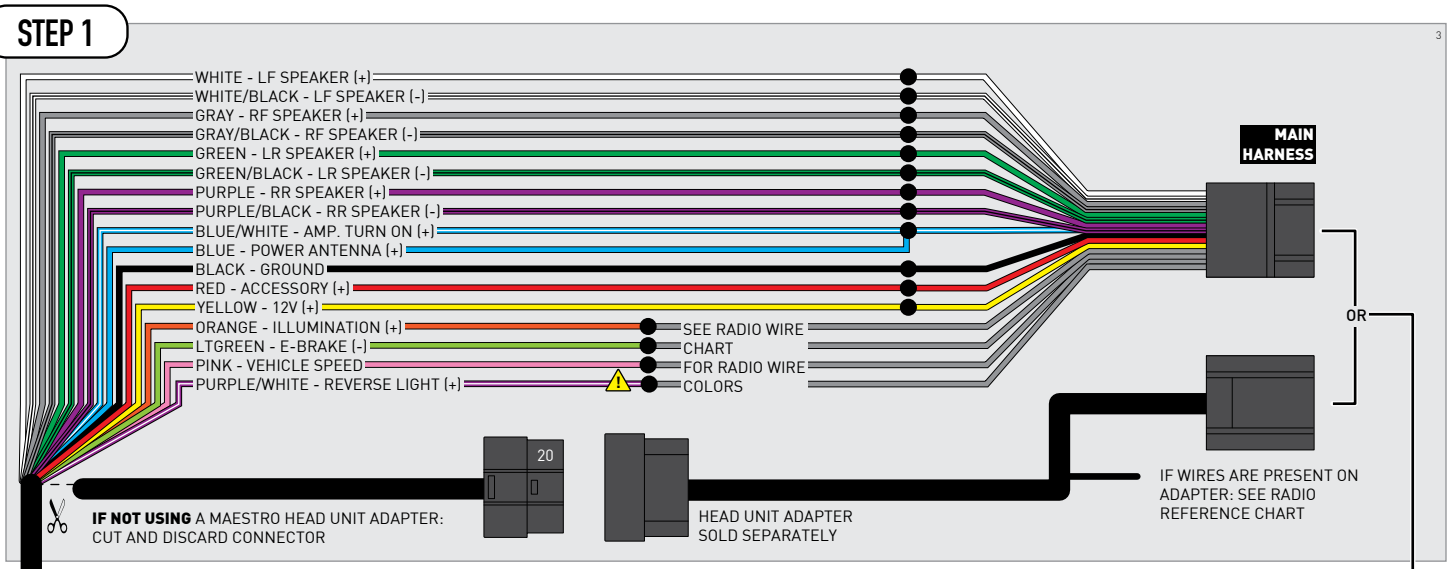
STEP 4

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1

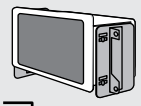


ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.



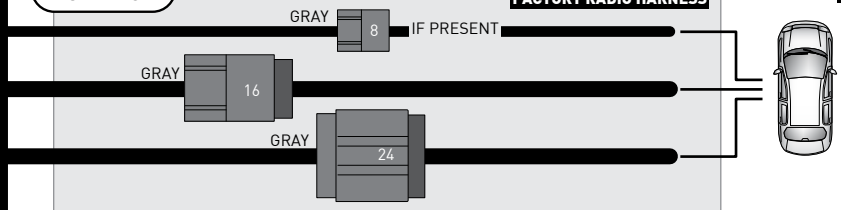
SUB 1

SUB 2

4

DATA CABLE

STEP 3



SYNC — NC

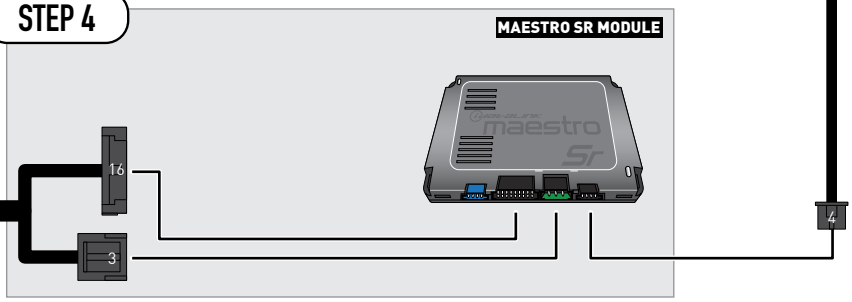
AMP TURNON — NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4



4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2013-2016
FORD F-250 350 450
WITHOUT MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

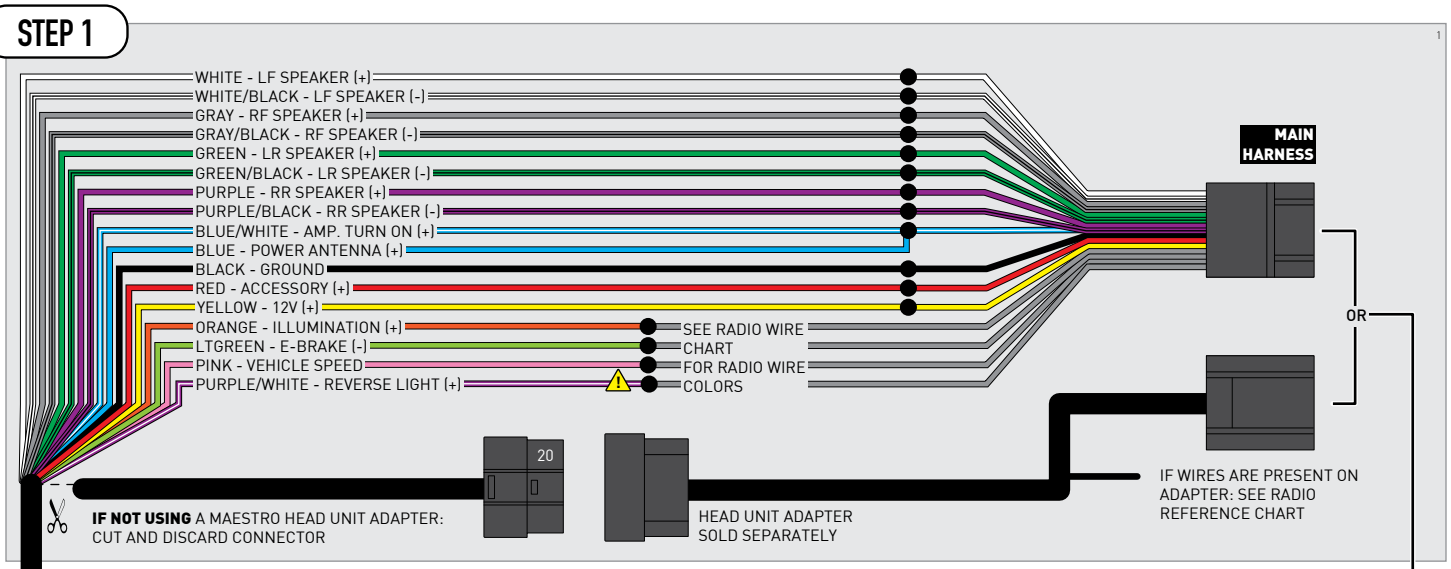
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC

INSULATE WIRE

STEERING WHEEL SIDE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER DASH, UNDER THE RADIO

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2010
FORD F-SERIES SUPER DUTY

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

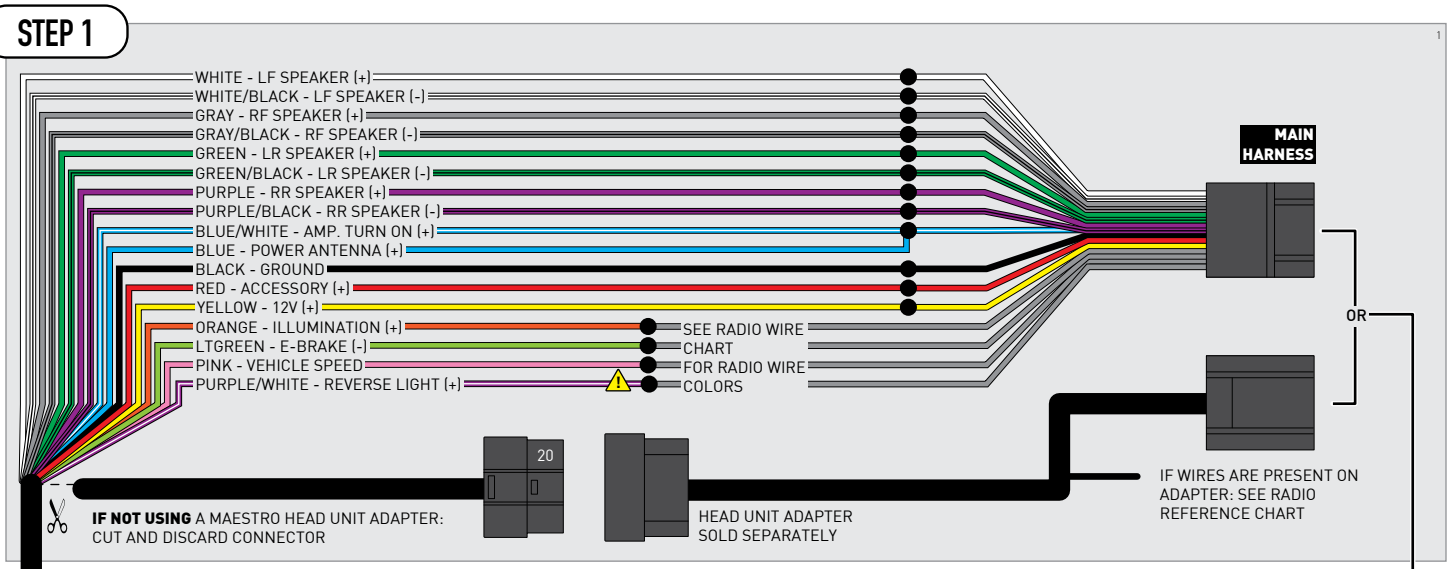
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

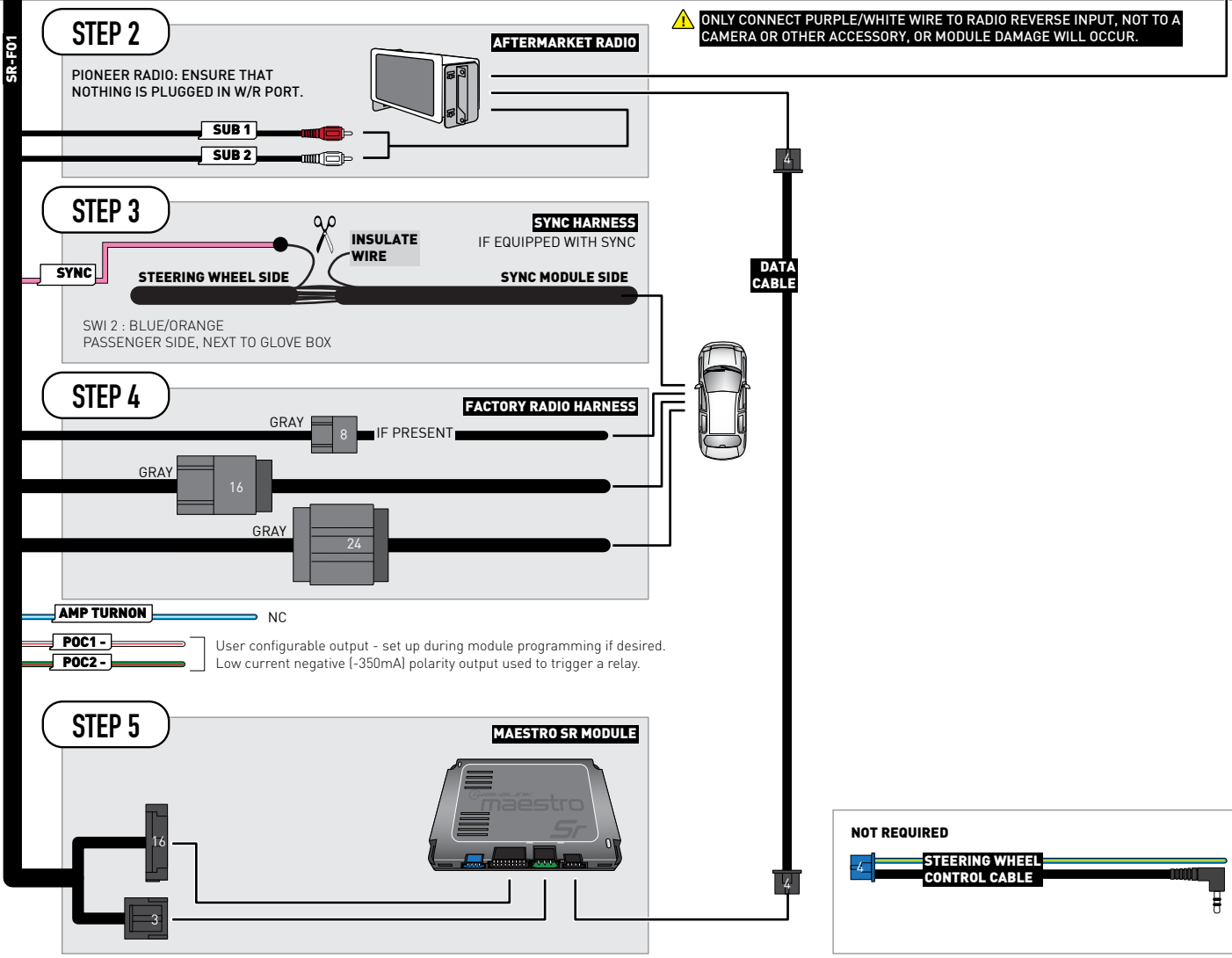
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2011-2012
FORD F-SERIES SUPER DUTY

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

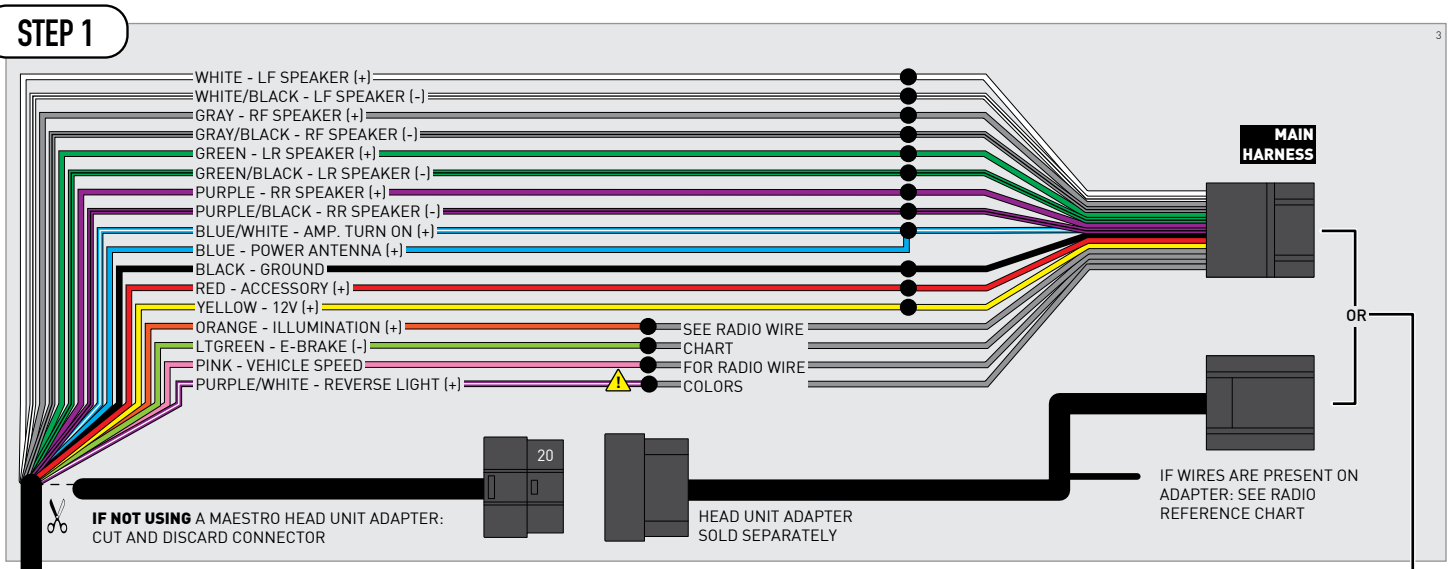
STEP 4

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1

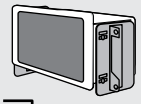


ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.



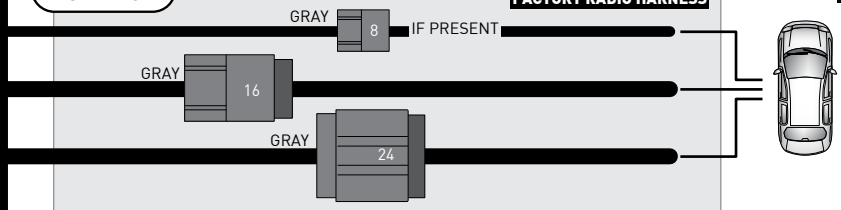
SUB 1

SUB 2

4

DATA CABLE

STEP 3



SYNC — NC

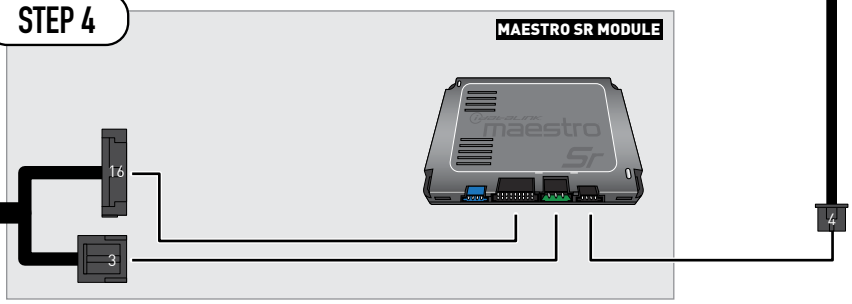
AMP TURNON — NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4



4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2009-2012
FORD FLEX
WITHOUT NAV

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

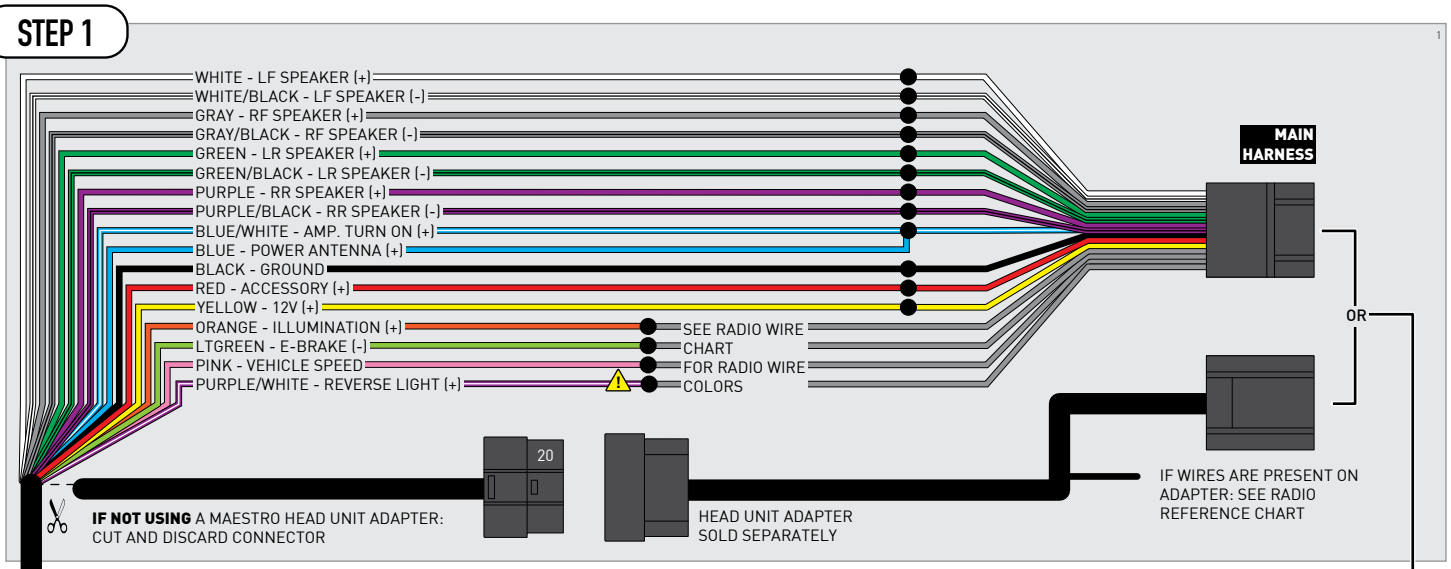
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-FO1

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC

INSULATE WIRE

STEERING WHEEL SIDE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER CONSOLE, JUNCTION CONNECTOR, IN FRONT OF THE SHIFTER

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2011
FORD FOCUS

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

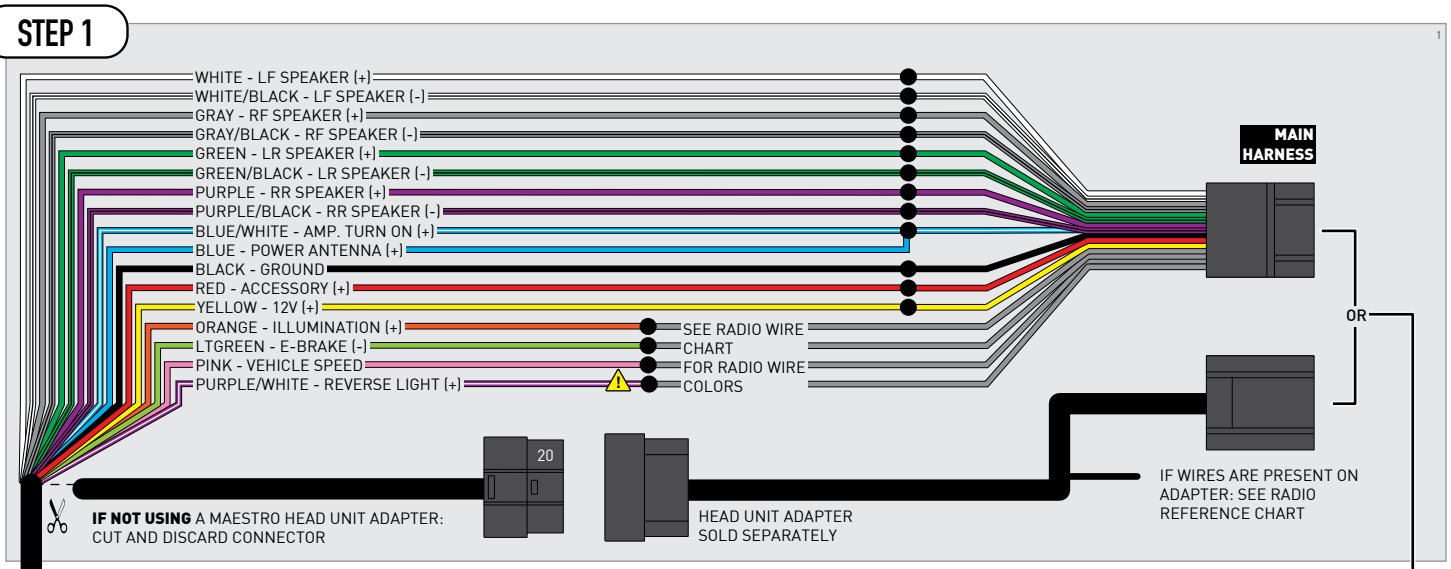
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

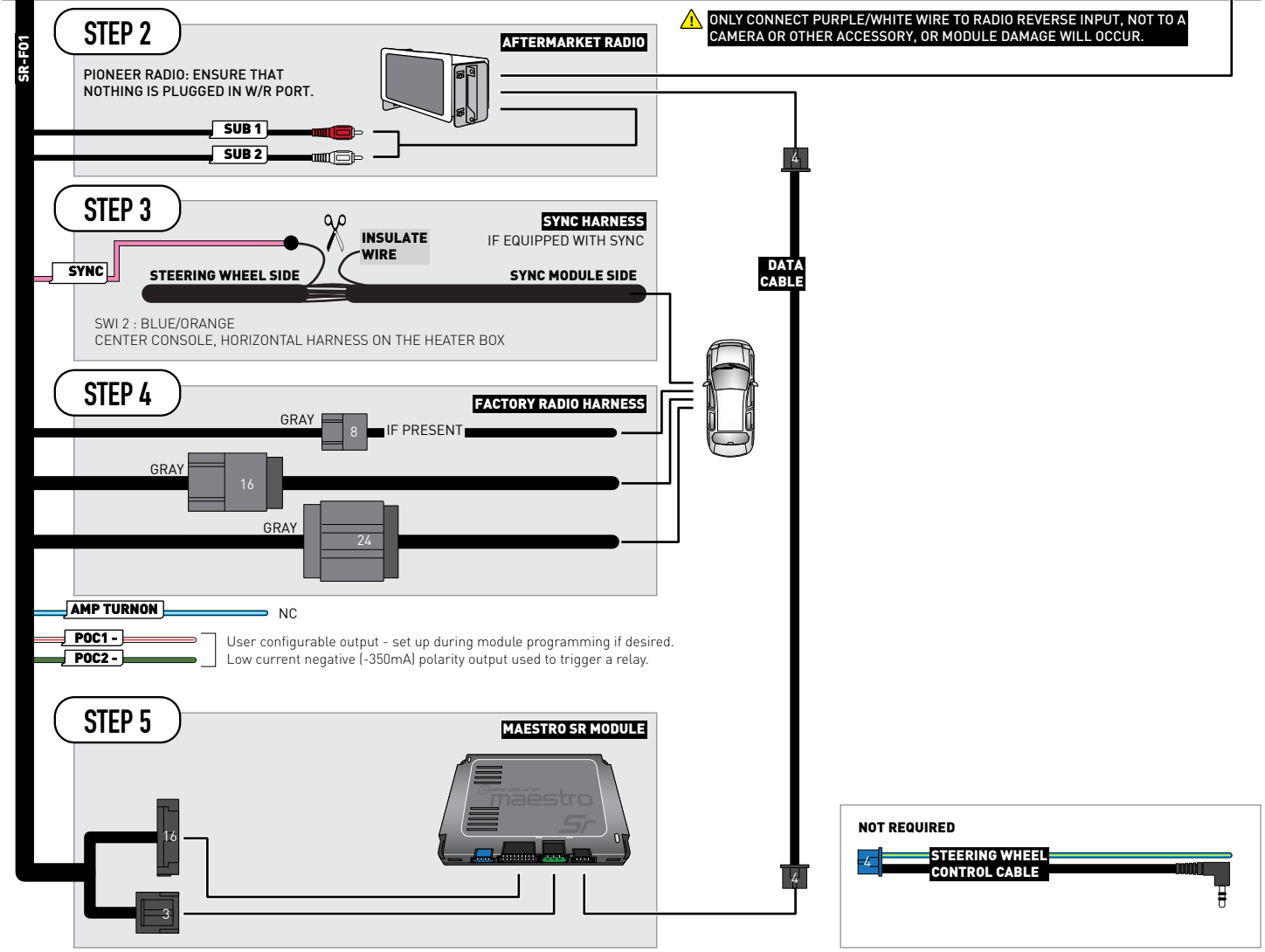
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2006-2009
FORD FUSION
WITH NAV

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

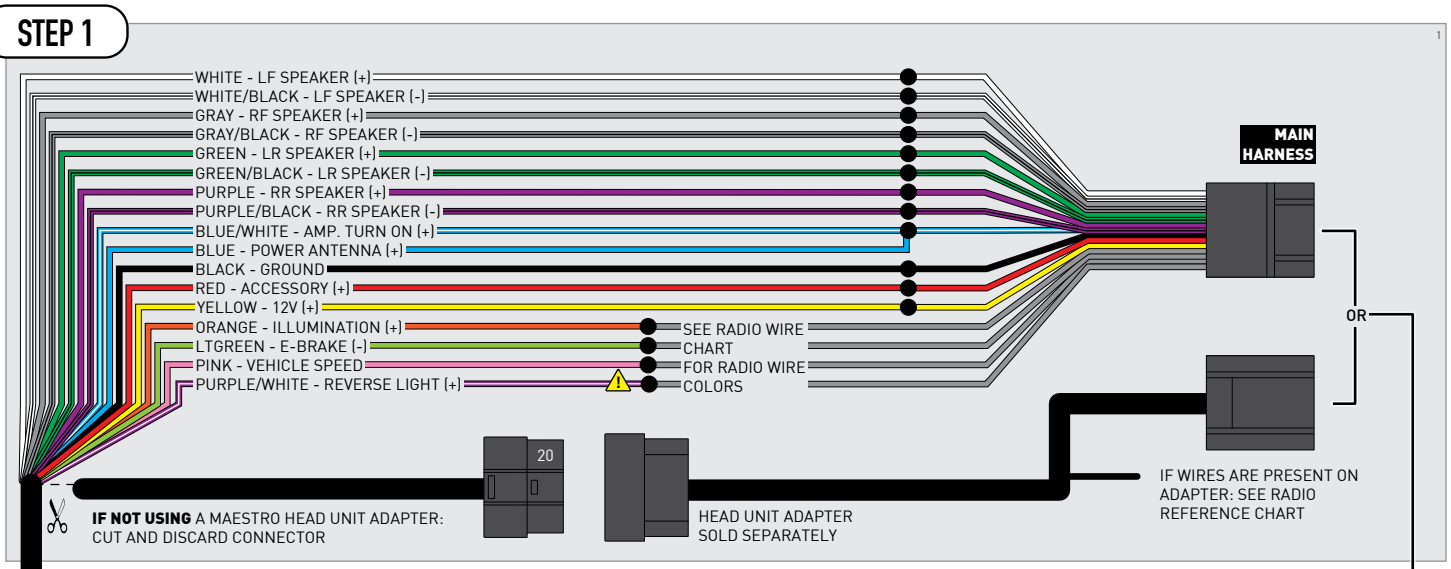
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

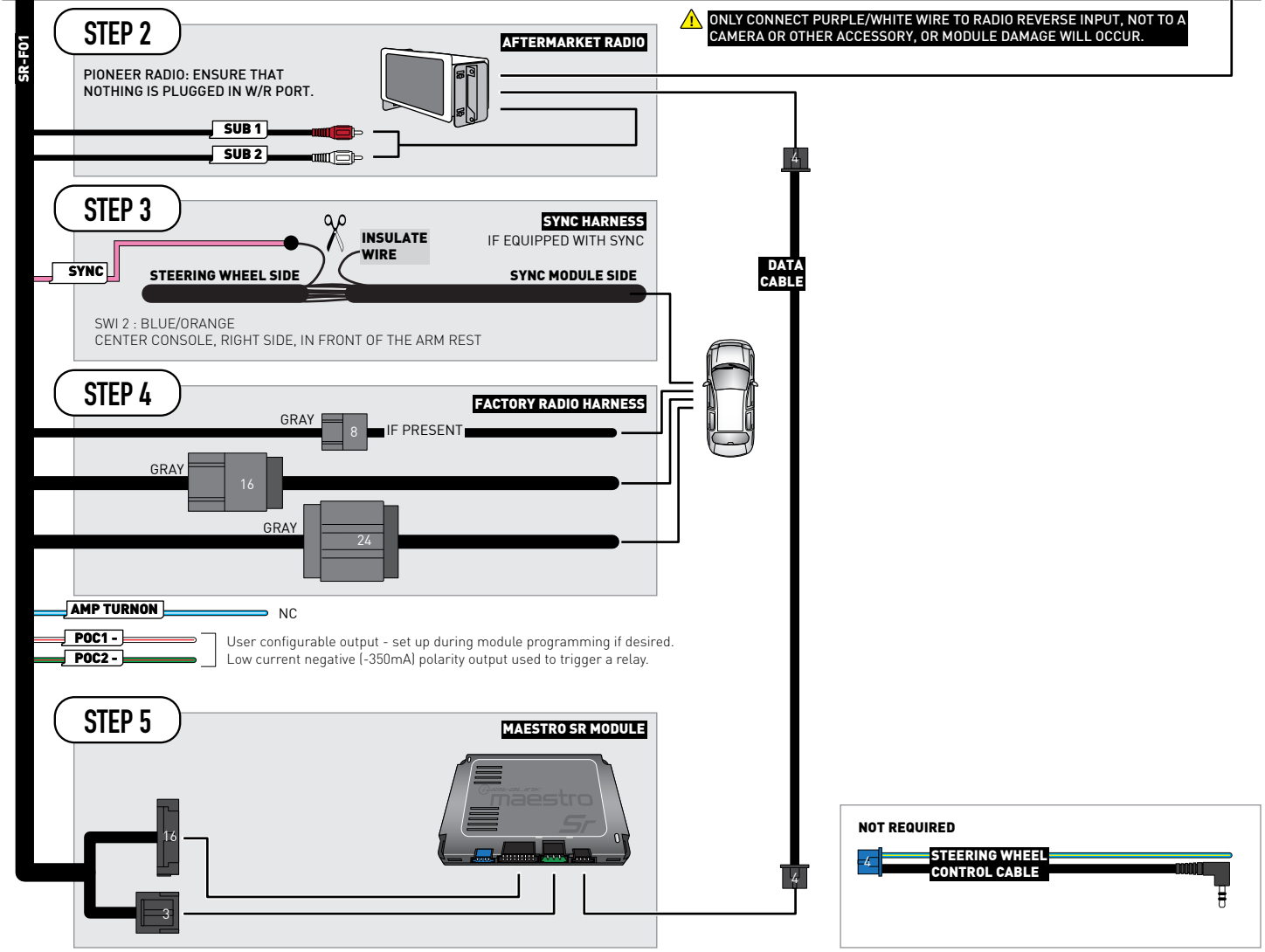
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



NOT REQUIRED

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2006-2012
FORD FUSION
WITHOUT NAV

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

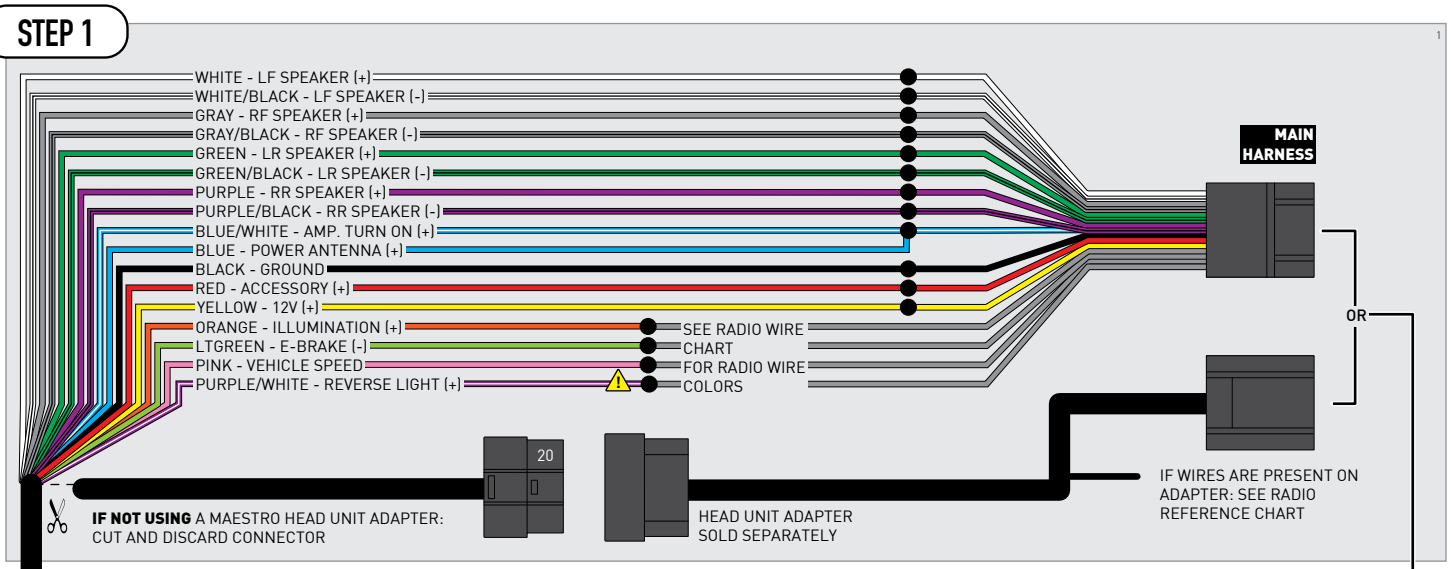
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER CONSOLE, RIGHT SIDE, IN FRONT OF THE ARM REST

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2007-2009
FORD MUSTANG

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

STEP 5

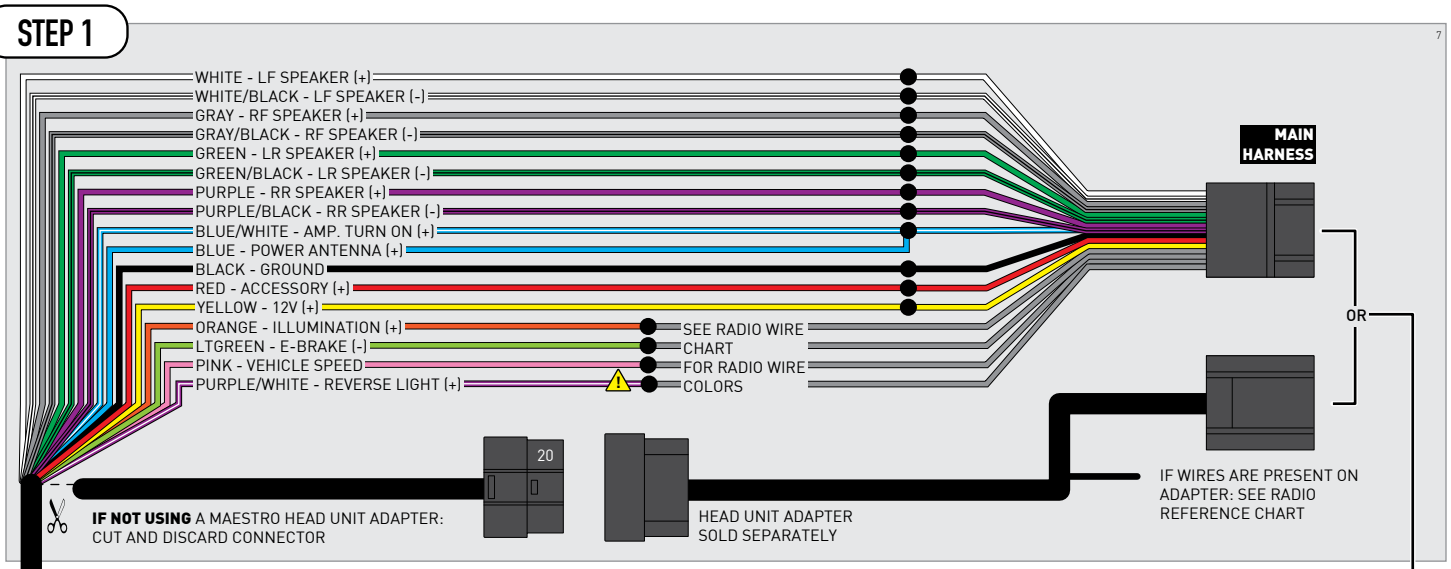
- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

7

WIRING DIAGRAM

STEP 1



STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

SUB 1 — NC

SUB 2 — NC

STEP 3

SYNC

INSULATE WIRE

STEERING WHEEL SIDE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE OR BLUE
SYNC UNIT, BEHIND THE GLOVE BOX

STEP 4

FACTORY RADIO HARNESS

GRAY 16

GRAY 24

GRAY — NC

AMP TURNON — NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2008-2012
FORD TAURUS

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

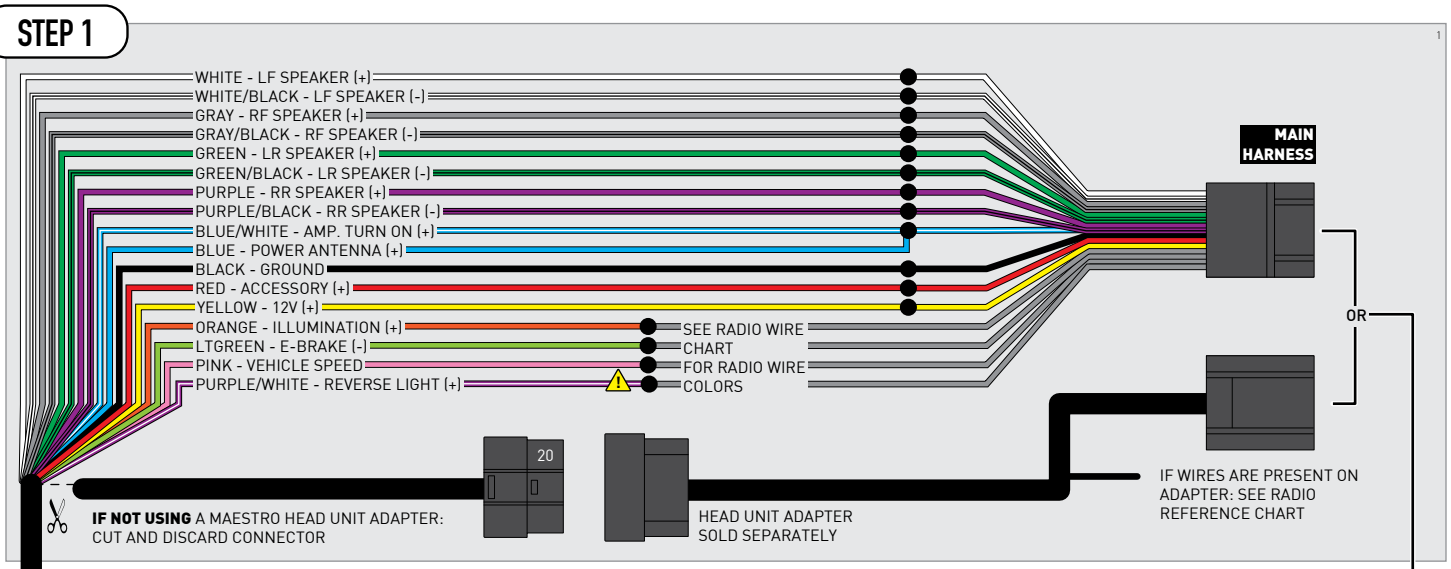
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : GRAY/BLUE
CENTER CONSOLE, RIGHT SIDE, HARNESS GOING TO THE BACK

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2010-2012
FORD TAURUS LIMITED

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

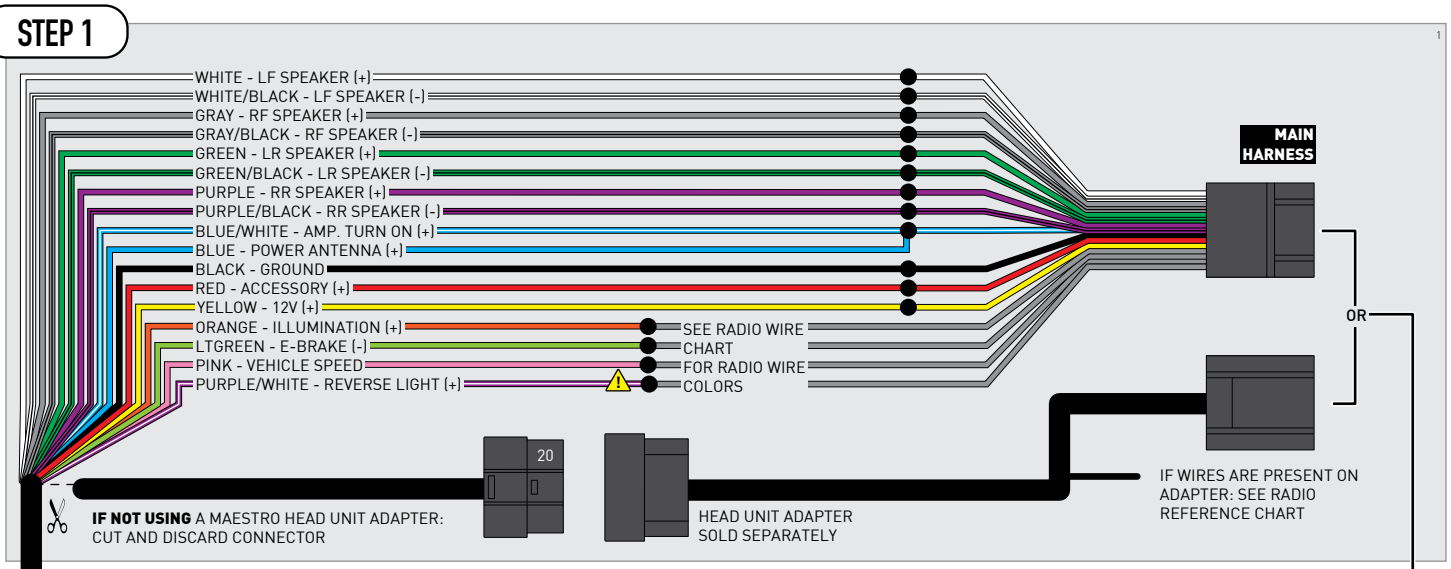
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

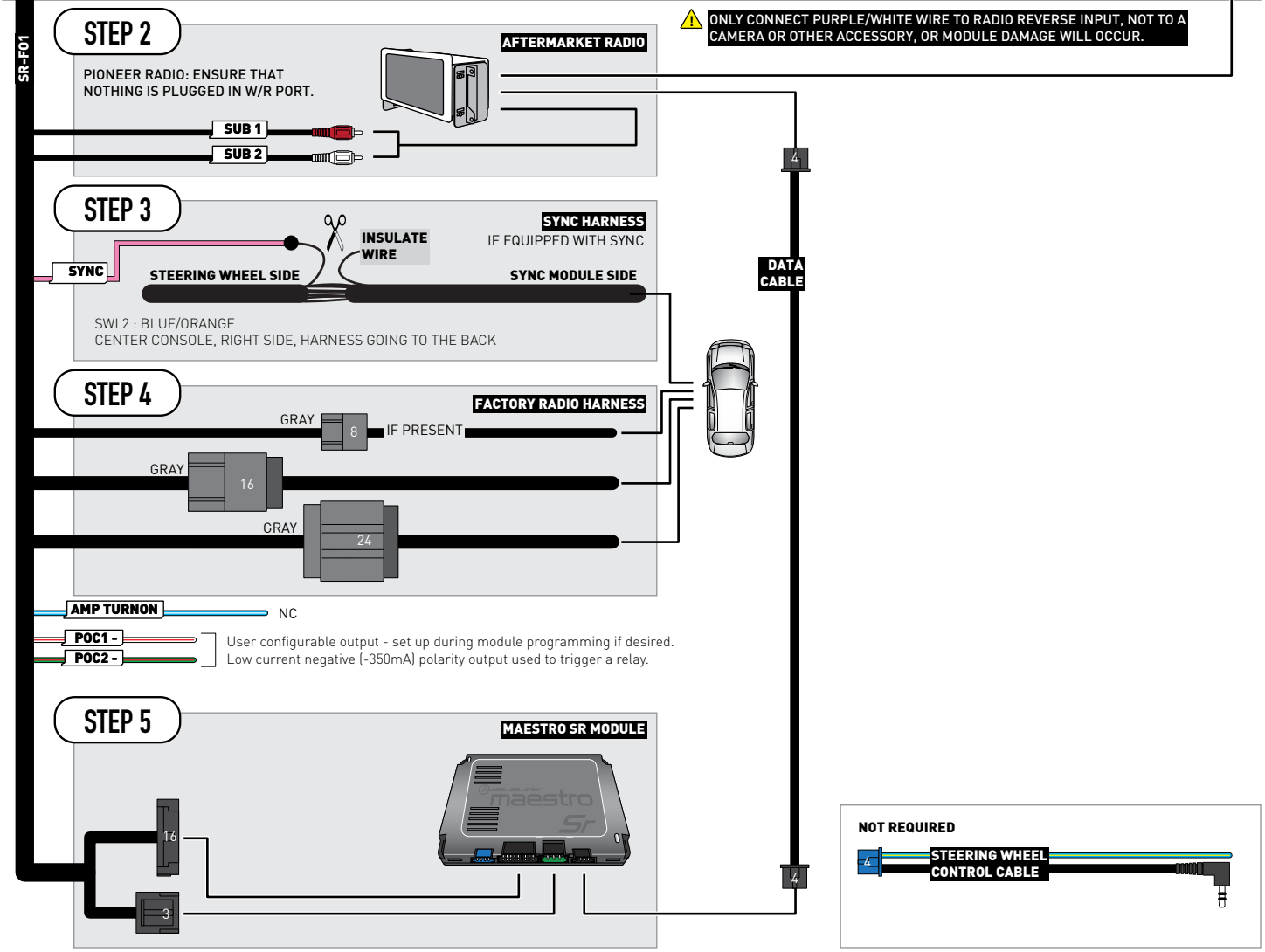
Test your installation.

WIRING DIAGRAM

STEP 1



STEP 2



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2009
FORD TAURUS X

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

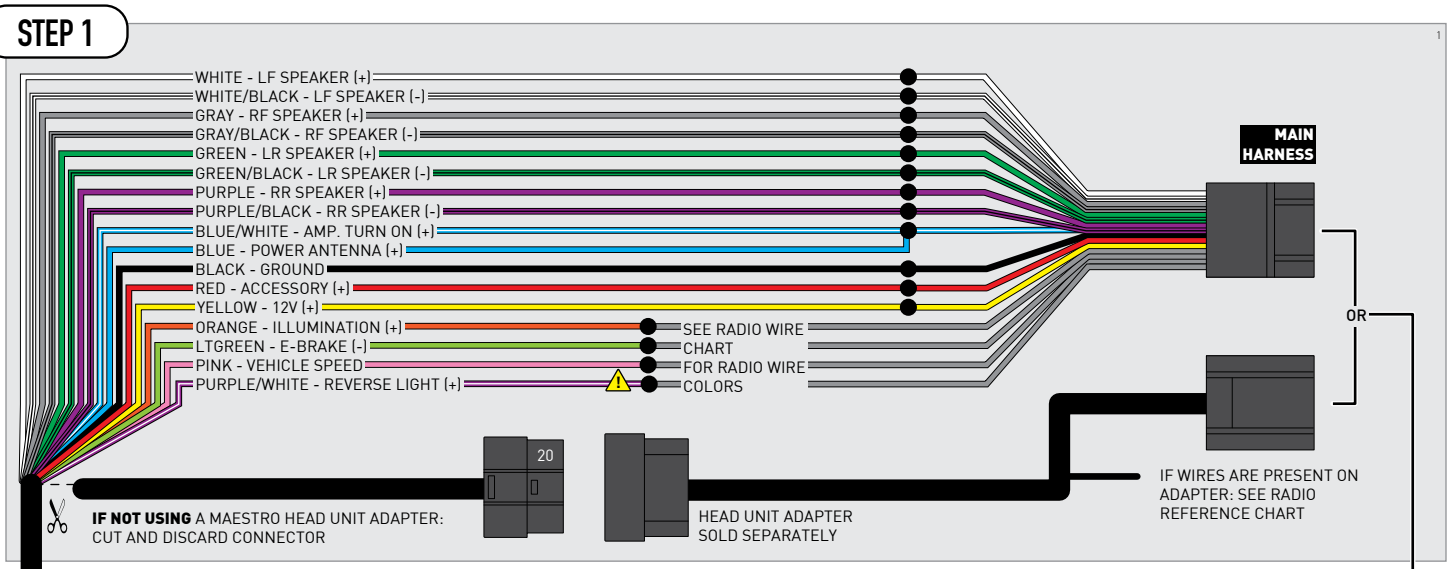
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

4

STEP 3

SYNC

INSULATE WIRE

STEERING WHEEL SIDE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER CONSOLE, RIGHT SIDE, HARNESS GOING TO THE BACK

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2007-2010
LINCOLN MKX

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

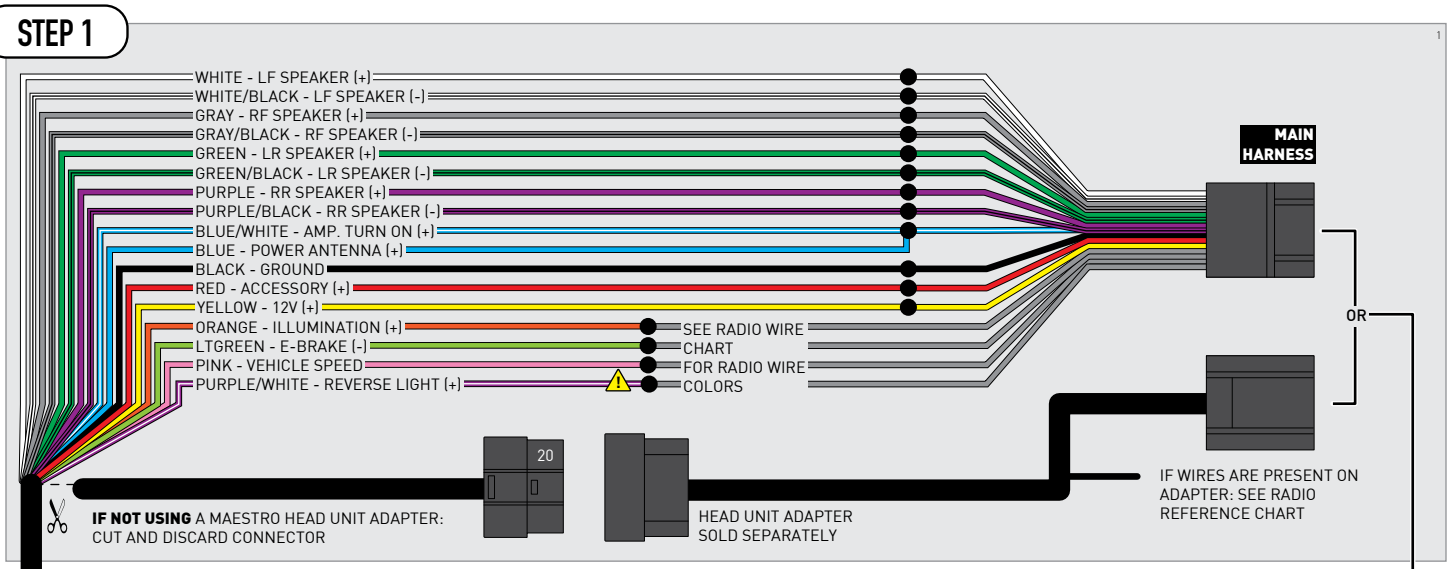
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER CONSOLE, RIGHT SIDE, HARNESS GOING TO THE BACK

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2006-2009
LINCOLN MKZ

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

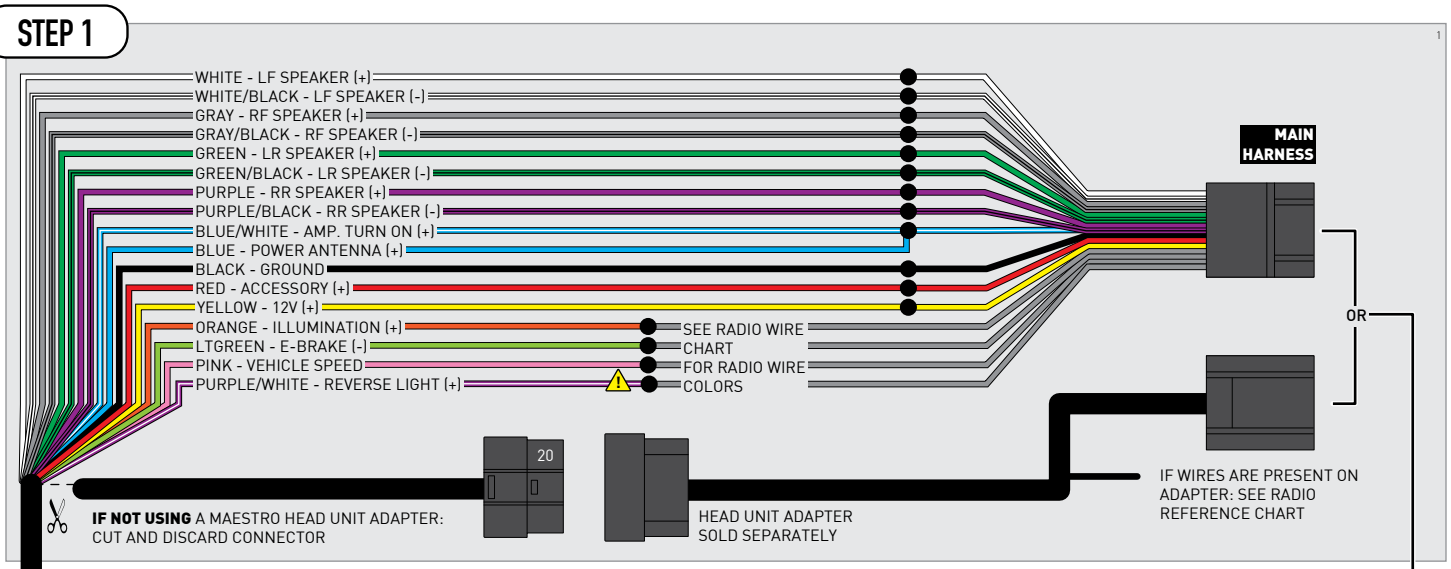
STEP 5

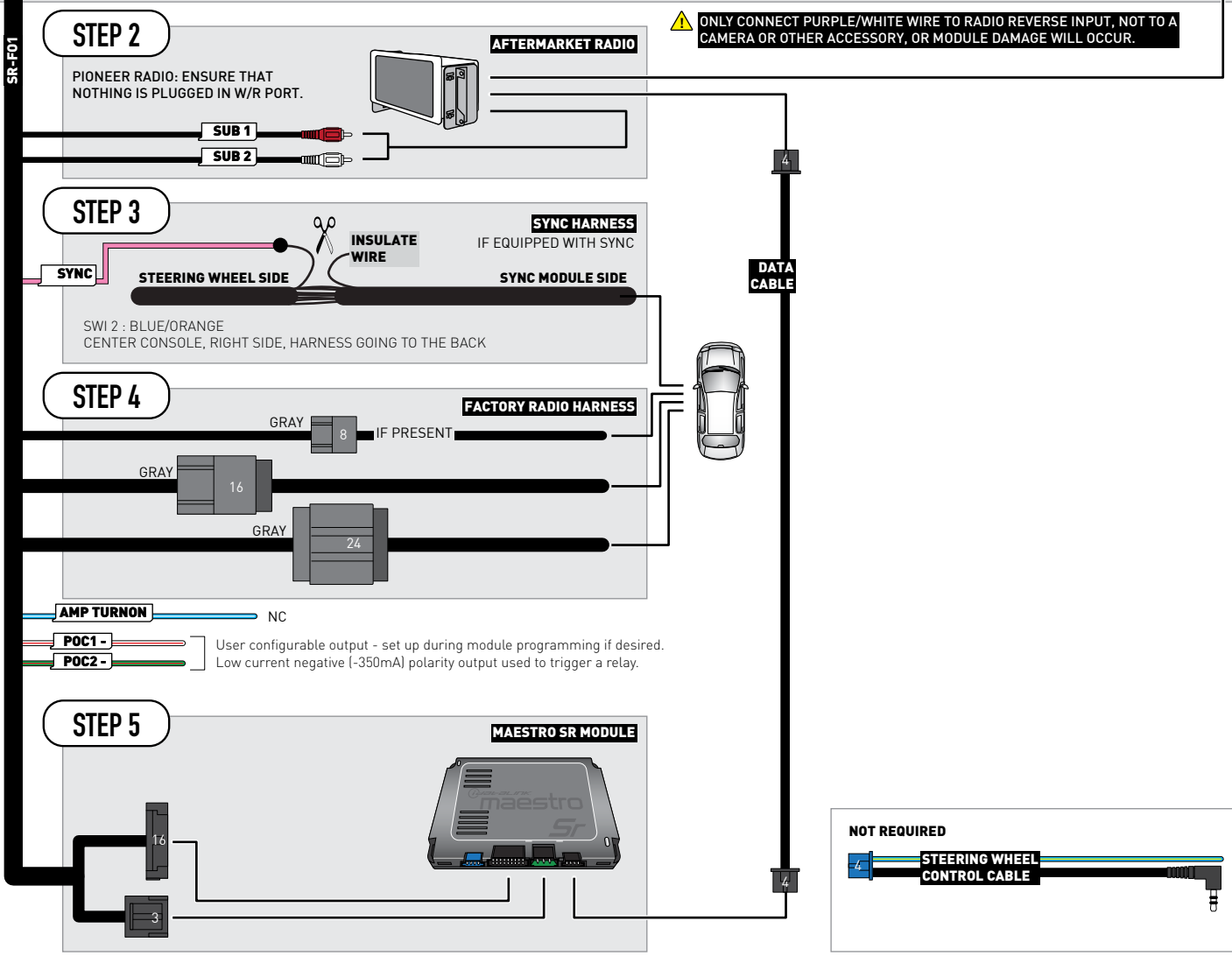
- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1





RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2006
LINCOLN ZEPHYR

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

- Connect the factory radio harness to the SR-FO1 T-harness.

  Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

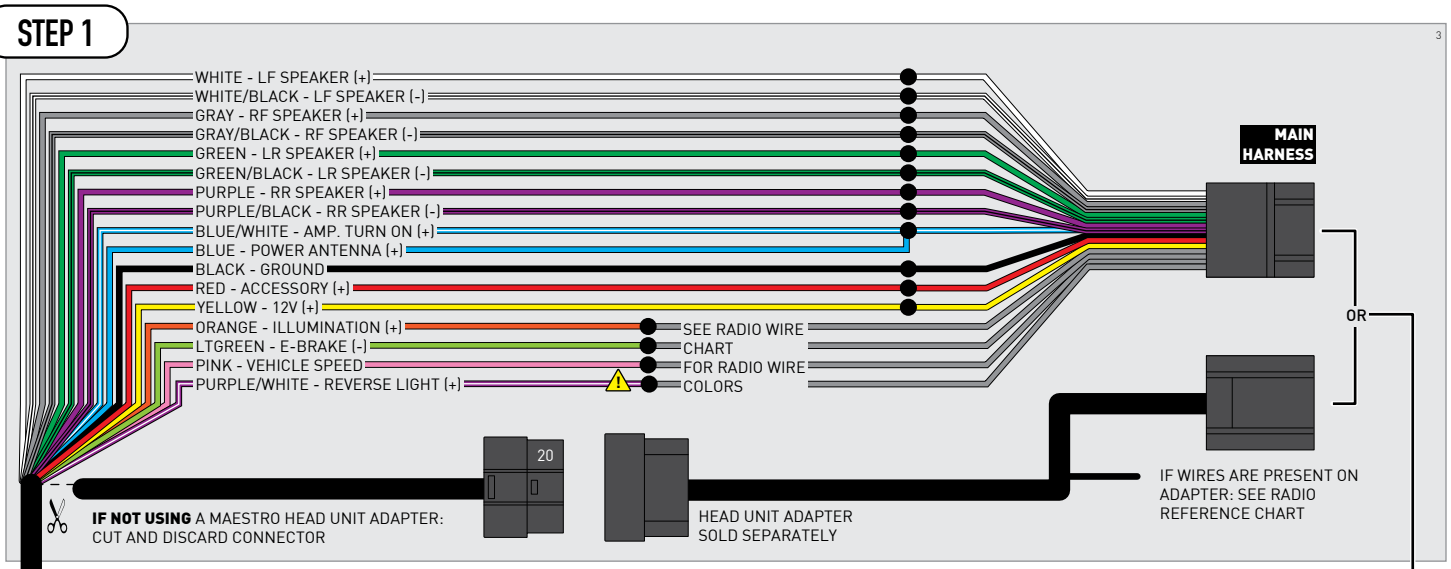
STEP 4

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1

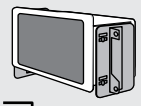


ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.



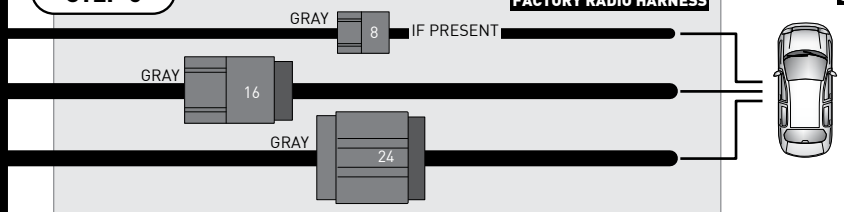
SUB 1

SUB 2

4

DATA CABLE

STEP 3



SYNC — NC

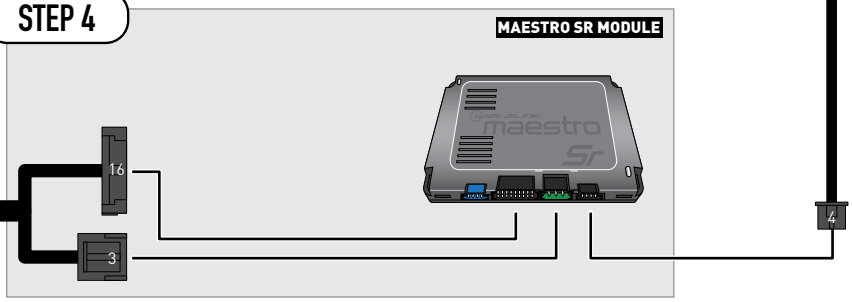
AMP TURNON — NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4



4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2007-2011
MAZDA TRIBUTE

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Remove the factory radio

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

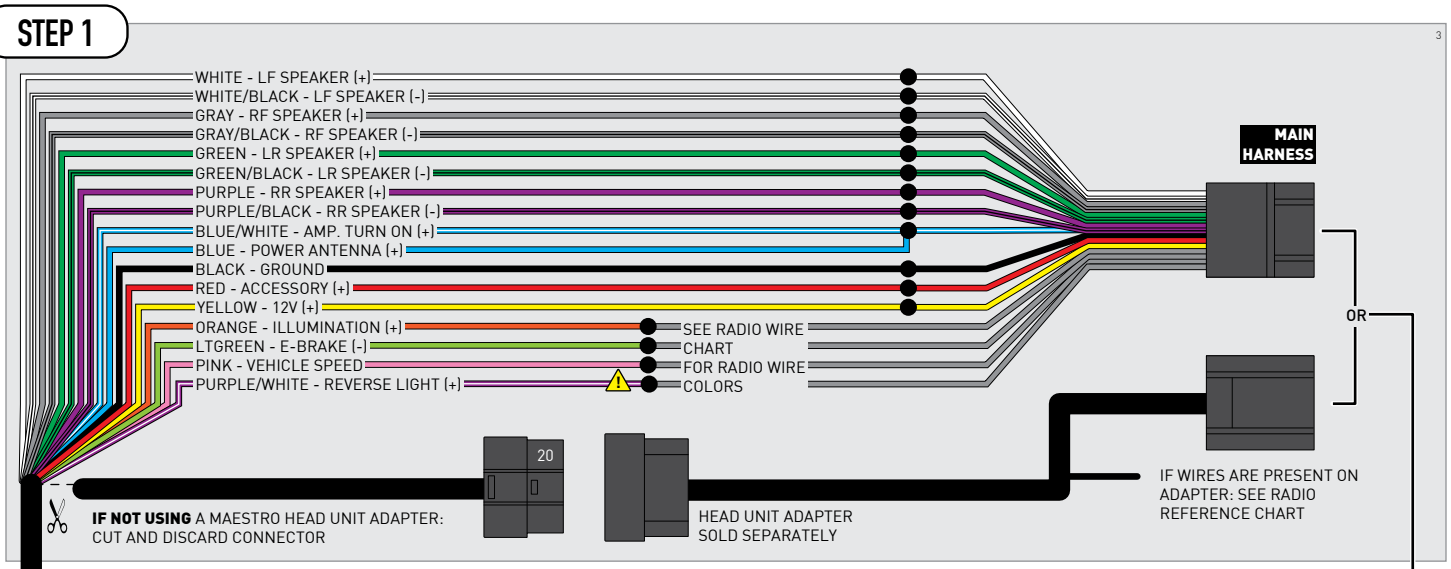
STEP 4

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

DATA CABLE

STEP 3

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

SYNC NC

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 4

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2011
MERCURY MARINER

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

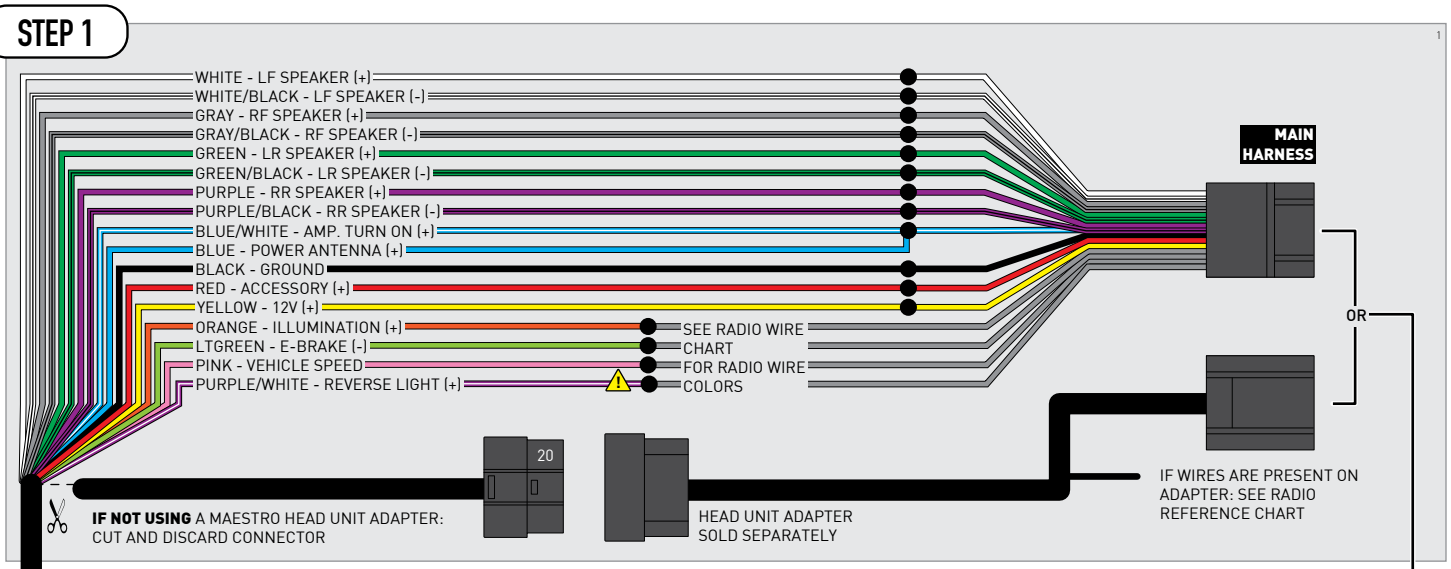
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

INSULATE WIRE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
JUNCTION CONNECTOR, BEHIND THE RADIO TO THE RIGHT

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2006-2011
MERCURY MILAN

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

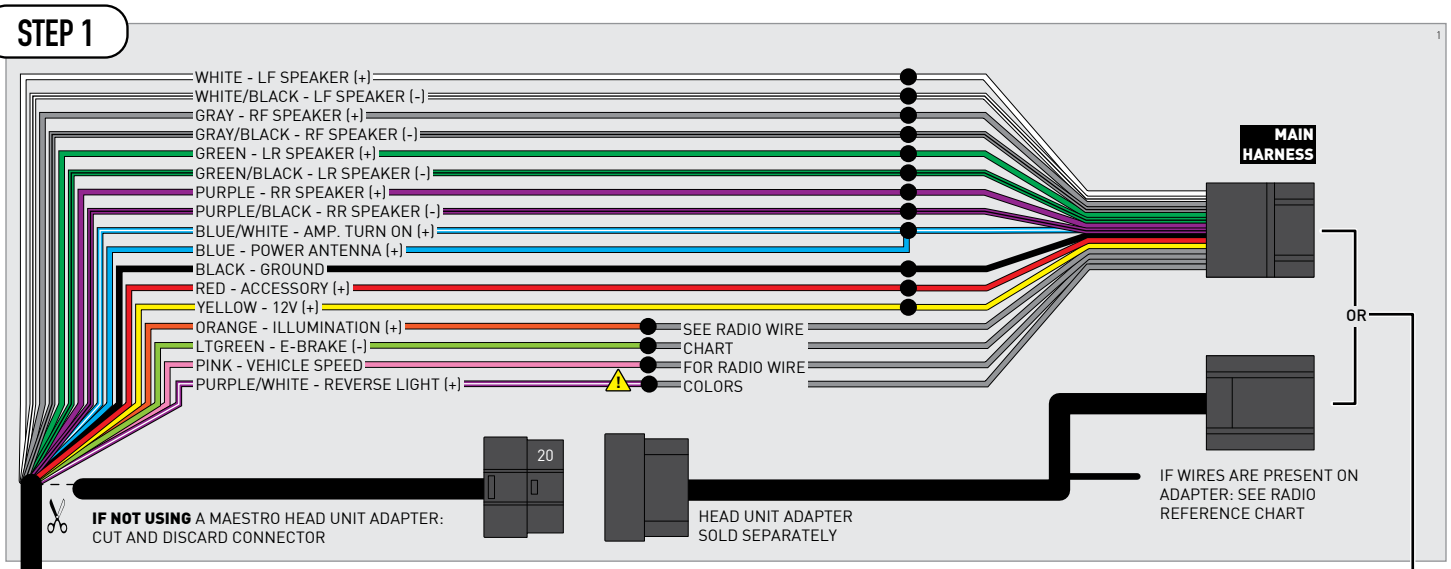
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

INSULATE WIRE

SYNC HARNESS
IF EQUIPPED WITH SYNC

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : BLUE/ORANGE
CENTER CONSOLE, RIGHT SIDE, IN FRONT OF ARM REST

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.

maestro SR

INSTALL GUIDE

2006-2010
MERCURY MOUNTAINEER

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

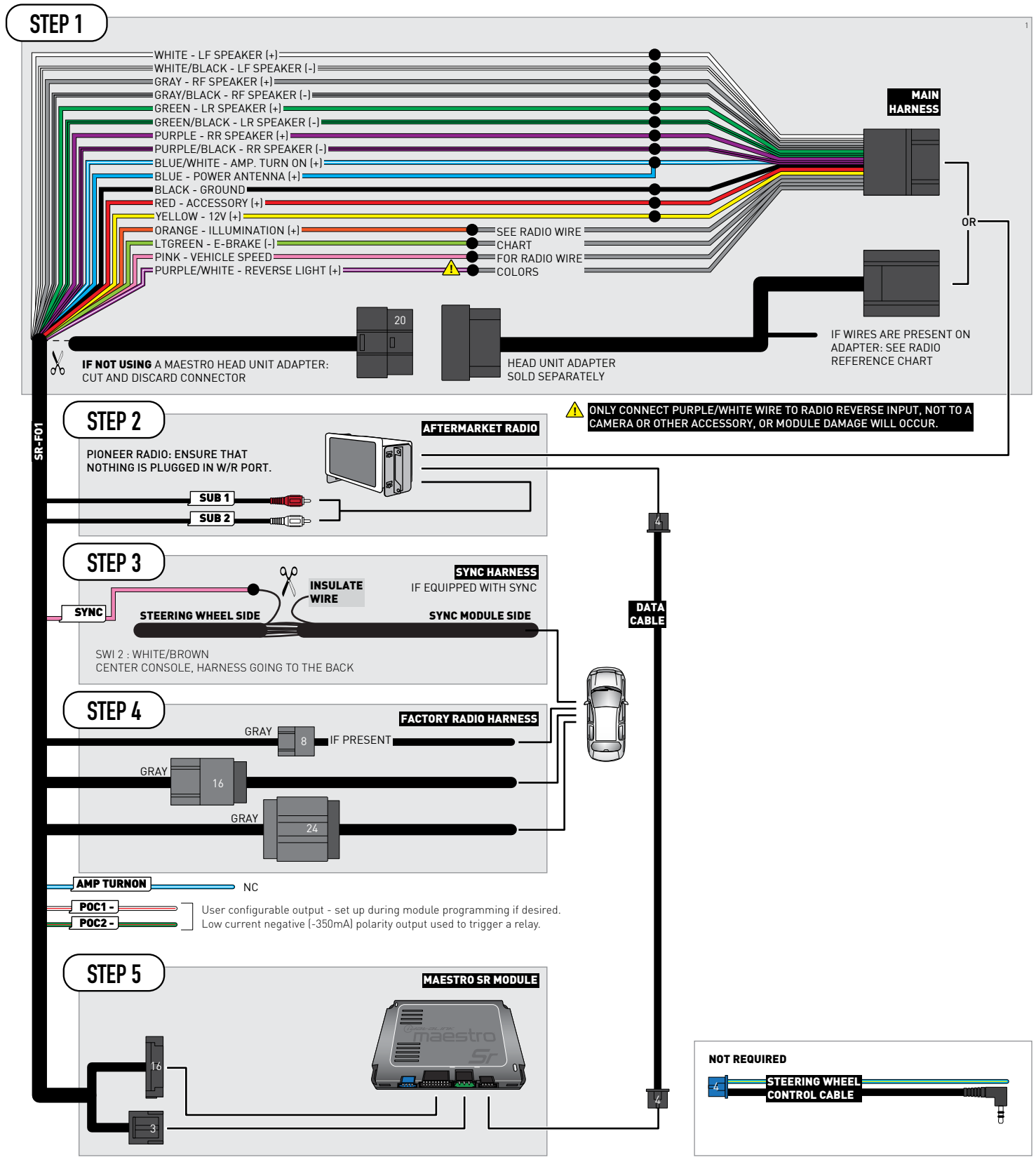
Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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

2008-2009
MERCURY SABLE

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER AND MORE!

(Does NOT retain the factory backup camera if displayed on the factory radio)

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro SR Radio Replacement Interface
iDatalink Maestro SR-F01 Installation Harness

PROGRAMMED FIRMWARE: F01-SR-DS

WELCOME

Congratulations on the purchase of your iDatalink Maestro SR 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 SR will only retain functionalities that were originally available in the vehicle.

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

HEAD UNIT ADAPTER:
ACC-HU-PI01, SON1, KEN1, KEN2, ALP1

Installation, product information, vehicle specific videos.	VIDEO HELP
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH
Software to program module.	WEBLINK

INSTALLATION INSTRUCTIONS P1/1

STEP 1

If using head unit adapter (sold separately), connect SR-FO1 harness to adapter and skip to step 2.

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the SR-FO1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the SR-FO1 T-harness and match the wire functions.

Note: Purple/white is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input. Refer to radio wire chart for radio's reverse light wire color.

If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

STEP 2

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

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

- Insert the RCA connectors into the aftermarket radio.

WITH FACTORY AMPLIFIER:

NOTES:

- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- **SHAKER 1000 only**: The RCA connector labeled SUB 2 can be used to feed the second subwoofer channel.
- **THX only**: The RCA connector labeled SUB 2 can be used to feed the center channel of the factory amplifier.

STEP 3

Vehicles equipped with SYNC:

Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.

- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of HRR-FO1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 4

- Connect the factory radio harness to the SR-FO1 T-harness.

Note: If vehicle is not equipped with a factory amplifier, the 8 pin plug will NOT be present/required.

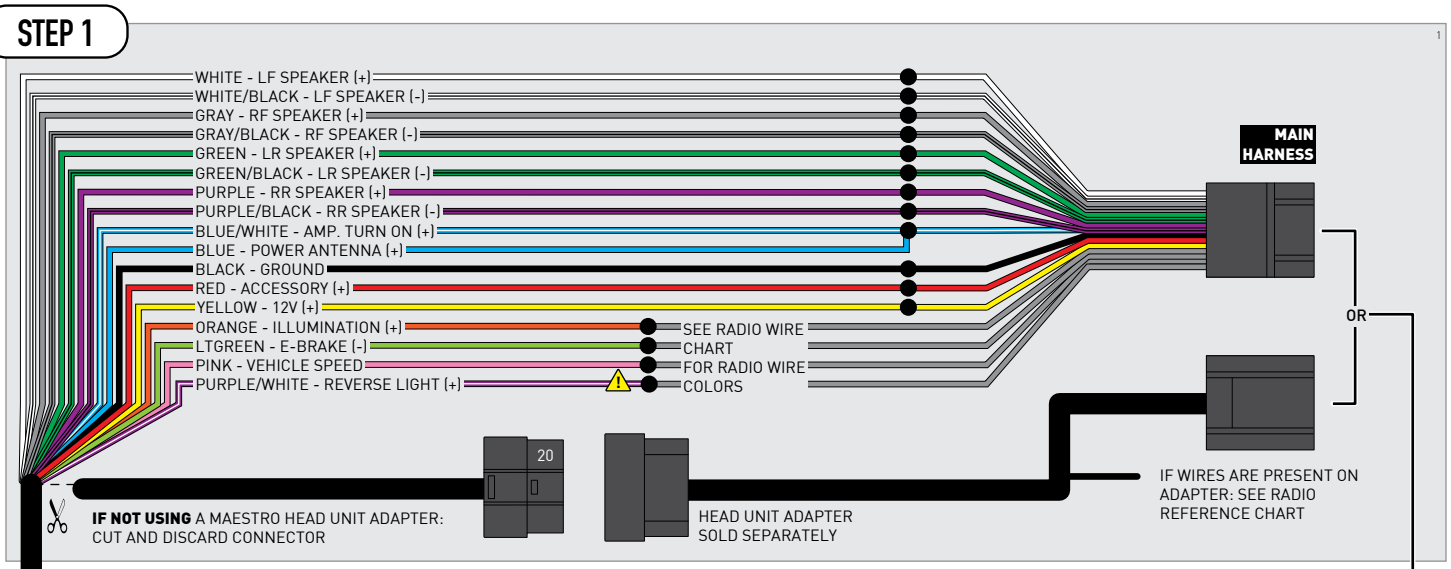
STEP 5

- Connect the SR-FO1 harness to the Maestro SR module.
- Connect the Data cable.

Test your installation.

WIRING DIAGRAM

STEP 1



ONLY CONNECT PURPLE/WHITE WIRE TO RADIO REVERSE INPUT, NOT TO A CAMERA OR OTHER ACCESSORY, OR MODULE DAMAGE WILL OCCUR.

SR-F01

STEP 2

PIONEER RADIO: ENSURE THAT NOTHING IS PLUGGED IN W/R PORT.

AFTERMARKET RADIO

SUB 1

SUB 2

4

STEP 3

SYNC HARNESS
IF EQUIPPED WITH SYNC

INSULATE WIRE

SYNC

STEERING WHEEL SIDE

SYNC MODULE SIDE

DATA CABLE

SWI 2 : GRAY/BLUE
CENTER CONSOLE, RIGHT SIDE, HARNESS GOING TO THE BACK

STEP 4

FACTORY RADIO HARNESS

GRAY 8 IF PRESENT

GRAY 16

GRAY 24

AMP TURNON NC

POC1 -

POC2 -

User configurable output - set up during module programming if desired.
Low current negative (-350mA) polarity output used to trigger a relay.

STEP 5

MAESTRO SR MODULE

16

3

4

NOT REQUIRED

4 STEERING WHEEL CONTROL CABLE

RADIO WIRE REFERENCE CHART

F01 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

ACC-HU-ALP1 Wire Description	Polarity	Wire Color on Adapter	Alpine Radio
VSS (vehicle speed sensor)	(DATA)	Green/White	Green/White

ACC-HU-KEN1 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
CAM	(+)	Green/Red	Refer to camera/radio manual
CAM	(-)	Green/White	Refer to camera/radio manual
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
E-Brake	(-)	LtGreen	LtGreen
Reverse Light*	(+)	Purple/White	Purple/White
Steering Wheel Controls	(DATA)	Blue/Yellow	n/a

* Reverse light wire: Only connect to radio or module damage will occur.

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio won't turn on AND there is no 16-pin plug at the factory radio. Maestro LED may flash 2x RED with key on.	The data lines are not present behind the radio and must be connected at the OBDII. Extend and connect **BROWN/RED** and **BROWN/YELLOW** wires from the F01's 16-pin plug to: **BROWN/RED TO OBDII PIN 3 – GRAY/ORANGE** **BROWN/YELLOW TO OBDII PIN 11 – VIOLET/ORANGE**
Steering wheel buttons work except phone answer/end/voice.	If guide shows connecting pink/red wire, verify this connection is proper. Refer to written instruction for SWI2 testing. If guide shows "NC" for this wire, this does not apply. Verify buttons work with factory radio.
The light on the Maestro is blinking **RED TWICE** and the radio **IS** turning on.	Ensure the 4-pin data cable is connected between the radio and the SR, and that it is plugged into the black port on the Maestro SR. The red and blue ports on the SR 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 blinking **RED TWICE** but the radio is **NOT** turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.
Pioneer radio installed with PIO1 harness mutes and unmutes while driving.	Cut PINK wire in the PIO1 harness. Tape both sides of the wire up.

MAESTRO SR 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

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.