HOW TO USE THIS INSTALL GUIDE

1. Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.

2. Print only the pages for your vehicle using the advanced options in the Print menu.

3. Install your Maestro RR according to the guide for your vehicle.

WARNING

Pressing the printer icon or “quick printing” this document will print all of the guides in this compilation.
INSTALL GUIDE
FORD ECONOLINE
2008-2014

RETAILS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
Congratulations on the purchase of your iDataLink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

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

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

WELCOME

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

[Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart]
• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
- The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

STEP 2
PINK/RED - SW 2 (-) INPUT
PINK/RED - SWI 2 (-) INPUT
\( \text{SYNC HARNESS} \)
INSULATE WIRE
SYNC MODULE SIDE
REFER TO WIRE CHART FOR WIRE LOCATION
STEERING WHEEL SIDE

STEP 3
FACTORY RADIO HARNESS
WIRING FROM VEHICLE

STEP 4
CONNECT TO AFTERMARKET RADIO
SUB IN CENTER IN AUX IN
RCA CABLES

STEP 5
CONNECT AUX IN ONLY IF YOU DON’T HAVE SYNC
STEERING WHEEL CONTROL CABLE
MAESTRO RR MODULE

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
GREEN - LR SPEAKER (+)
GREEN/BLACK - LR SPEAKER (-)
YELLOW - 12V (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
PINK - VEHICLE SPEED
YELLOW/BLACK - FOOT BRAKE
BROWN MUTE - (-)
RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)

WIRING DIAGRAM

Ford Econoline 2008-2014

Automotive Data Solutions Inc. © 2015
ADS-RR(SR)-FOR01-AS
maestro.idatalink.com
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center dash, under the radio.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD EDGE
2007-2010

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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WELCOME

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• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
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STEP 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:

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

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STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

**STEP 1**
- Cut and remove the speaker wire junction connectors.

**STEP 2**
- Pink/Red - SW 2 (-) Input
- Insulate wire
- Refer to wire chart for wire location

**STEP 3**
- Factory Radio Harness

**STEP 4**
- Connect AUX IN
- Only if you don’t have SYNC

**STEP 5**
- Connect to aftermarket radio
- RCA cables
- Maestro RR module
- MAESTRO RR MODULE
- YELLOW/BROWN (NOT CONNECTED)
- RED/BROWN (NOT CONNECTED)
## VEHICLE WIRE REFERENCE CHART

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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side harness going to the back.</td>
</tr>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD ESCAPE
2008-2012
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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

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

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- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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.

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

STEP 5
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module’s programming button and connect all the connectors back to the module. Wait, the module’s LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

STEP 2
PINK/RED - SW 2 (-) INPUT
REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO

STEP 5
STEERING WHEEL CONTROL CABLE

STEP 6
CONNECT AUX IN ONLY IF YOU DON’T HAVE SYNC

WIRING DIAGRAM

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<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Junction connector, behind the radio to the right.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD EXPEDITION
2007-2014
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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

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

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

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

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NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

[Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart]
• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

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

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

**STEP 1**
- Cut and remove the speaker wire junction connectors.

**STEP 2**
- Pink/Red - SW 2 (-) Input
- Insulate harness
- Refer to wire chart for wire location

**STEP 3**
- Factory radio harness

**STEP 4**
- Main harness
- Connect to aftermarket radio
- RCA cables

**STEP 5**
- Connect Aux In only if you don’t have Sync
- Follow aftermarket radio guide for radio wire colors
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
</tr>
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</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD EXPLORER
2006-2010
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
- iDatalink Maestro RR Radio Replacement Interface
- iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

STEP 1
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (−) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.
NOTES:
The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

STEP 5
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.
WIRING DIAGRAM

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTIONS

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

STEP 2
PINK/RED - SWI 2 (-) INPUT
STEERING WHEEL SIDE
INSULATE WIRE
SYNC MODULE SIDE
REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO
MAESTRO RR MODULE
SYNC HARNESS
STEERING WHEEL CONTROL CABLE

STEP 5
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC
WIRING DIAGRAM

FO1 T-HARNESS

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

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

WIRING DIAGRAM
REFERENCE SECTION
## VEHICLE WIRE REFERENCE CHART

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<th>Connector Type</th>
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<th>Polarity</th>
<th>Wire Location</th>
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<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>White/Brown</td>
<td>[MUX]</td>
<td>Center console, harness going to the back.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE

FORD EXPLORER SPORT TRAC
2006-2010

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

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NEED HELP?

1 866 427-2999

support@idatalink.com

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

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

STEP 2
PINK/RED - SW2 (-) INPUT

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO

STEP 5
MAESTRO RR MODULE
**VEHICLE WIRE REFERENCE CHART**

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<th>Polarity</th>
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<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>White/Brown</td>
<td>[MUX]</td>
<td>Center console, harness going to the back.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
# Install Guide

**Ford F-Series Super Duty 2008-2010**

Retains steering wheel controls, factory amplifier control, analog outputs and more!

## Products Required
- iDatalink Maestro RR Radio Replacement Interface
- iDatalink Maestro F01 Installation Harness

## Optional Accessories
None

## Programmed Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

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NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
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• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

[Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart]
• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

**STEP 1**
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LT GREEN - E-BRAKE (-)
- BROWN MUTE - (-)
- YELLOW/BLACK - FOOT BRAKE

**STEP 4**
CONNECT AUX IN ONLY IF YOU DON’T HAVE SYNC

**STEP 2**
PINK/RED - SWI 2 (-) INPUT

**STEP 3**
FACTORY RADIO HARNESS

**STEP 5**
MAESTRO RR MODULE

---

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
PURPLE - RR SPEAKER (+)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW - 12V (+)
ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LT GREEN - E-BRAKE (-)
BROWN MUTE - (-)
YELLOW/BLACK - FOOT BRAKE
RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)
## VEHICLE WIRE REFERENCE CHART

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<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Passenger side, next to glove box.</td>
</tr>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE

FORD F-SERIES SUPER DUTY
2011-2015

RETAILS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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NEED HELP?

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STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:

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

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

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

STEP 2
PINK/RED - SW 2 (-) INPUT

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO

STEP 5
MAESTRO RR MODULE

WIRING DIAGRAM

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

INSULATE WIRE

SYNC HARNESS

SYNC MODULE SIDE

CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

RCA CABLES

MAIN HARNESS

SUB IN
CENTER IN
AUX IN

CONNECT TO AFTERMARKET RADIO

WIRING DIAGRAM

WHITE/BLACK - LF SPEAKER (-)
GRAY/BLACK - RF SPEAKER (-)
GREEN/BLACK - LR SPEAKER (-)
PURPLE/BLACK - RR SPEAKER (-)
BLUE/WHITE - AMP TURN ON (+)
BLACK - GROUND
RED - ACCESSORY (+)
YELLOW/BLACK - FOOT BRAKE
BROWN MUTE - (-)

FACTORY RADIO HARNESS

STEERING WHEEL CONTROL CABLE

WIRING DIAGRAM

WIRING DIAGRAM

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WIRING DIAGRAM

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WIRING DIAGRAM
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<th>Polarity</th>
<th>Wire Location</th>
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</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Connection not required.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD F150
2009-2010
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

• To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module’s programming button and connect all the connectors back to the module. Wait, the module’s LED will flash RED rapidly [this may take up to 10 seconds]. Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center dash, under the tray.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD F150
2011-2014
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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

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

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

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

NEED HELP?

📞 1 866 427-2999

📧 support@idatalink.com

💬 maestro.idatalink.com/support

www.12voltdata.com/forum

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</tr>
<tr>
<td>Vehicle Wire Reference Chart</td>
<td>5</td>
</tr>
</tbody>
</table>
INSTALATION INSTRUCTIONS

STEP 1
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module’s programming button and connect all the connectors back to the module. Wait, the module’s LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
- For technical assistance call 1-866-427-2999 or e-mail “support@idatalink.com”.

Visit us at “maestro.idatalink.com/support” and “www.12voltdata.com/forum/”
WIRING DIAGRAM

**STEP 1**
Cut and remove the speaker wire junction connectors.

**STEP 2**
Connect to the Maestro RR module.

**STEP 3**
Connect to the factory radio harness.

**STEP 4**
Connect to the aftermarket radio.

**STEP 5**
Refer to the wire chart for wire location.

- **WHITE** - LF SPEAKER (+)
- **WHITE/BLACK** - LF SPEAKER (-)
- **GRAY** - RF SPEAKER (+)
- **GRAY/BLACK** - RF SPEAKER (-)
- **PURPLE** - RR SPEAKER (+)
- **PURPLE/BLACK** - RR SPEAKER (-)
- **BLUE/WHITE** - AMPLIFIER TURN ON (+)
- **BLACK** - GROUND
- **RED** - ACCESSORY (+)
- **YELLOW** - 12V (+)
- **ORANGE** - ILLUMINATION (+)
- **PURPLE/WHITE** - REVERSE LIGHT (+)
- **LT GREEN** - E-BRAKE (-)
- **BLUE/WHITE** - AMP TURN ON (+)
- **MAESTRO RR MODULE**
## VEHICLE WIRE REFERENCE CHART

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<th>Wire Description</th>
<th>Connector Name</th>
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<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Connection not required.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD FIVE HUNDRED
2006-2007
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

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

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS
CONGRATULATIONS
ON THE PURCHASE
OF YOUR iDATALINK MAESTRO RR RADIO REPLACEMENT SOLUTION.
YOU ARE NOW A FEW SIMPLE STEPS AWAY FROM ENJOYING YOUR NEW CAR RADIO WITH ENHANCED FEATURES.

BEFORE STARTING YOUR INSTALLATION, PLEASE ENSURE THAT YOUR iDATALINK MAESTRO MODULE IS PROGRAMMED WITH THE CORRECT FIRMWARE FOR YOUR VEHICLE AND THAT YOU CAREFULLY REVIEW THE INSTALL GUIDE.

PLEASE NOTE THAT MAESTRO RR WILL ONLY RETAIN FUNCTIONALITIES THAT WERE ORIGINALLY AVAILABLE IN THE VEHICLE.

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- Installation Instructions 3
- Wiring Diagram 4
- Vehicle Wire Reference Chart 5

NEED HELP?

1 866 427-2999

support@idatalink.com

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

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

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

The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

STEP 2
PINK/RED - SW1 2 (-) INPUT
INSULATE WIRE
STEERING WHEEL SIDE
SYNC MODULE SIDE
REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO

STEP 5
CONNECT AUX IN ONLY IF YOU DON’T HAVE SYNC

AUX IN
SUB IN
CENTER IN
MAIN HARNESS
BRA CABLES
RCA CABLES
SYNC HARNESS
STEERING WHEEL CONTROL CABLE

WIRING DETAILS:
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- BROWN MUTE - (-)
- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)

ADDITIONAL REMARKS:
- SEE AFTERMARKET RADIO GUIDE FOR RADIO WIRE COLORS
- CONNECT TO AFTERMARKET RADIO
- REFER TO WIRE CHART FOR WIRE LOCATION
- WIRES FROM VEHICLE
- WIRE CHART FOR WIRE LOCATION
- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)
## VEHICLE WIRE REFERENCE CHART

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<th>Connector Color</th>
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<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Connection not required.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD FLEX
2009-2012
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

**STEP 1**
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

**STEP 2**
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3**
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

**STEP 4**
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

**NOTES:**
- The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
- The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

**STEP 5**
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

**TROUBLESHOOTING TIPS:**
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module’s programming button and connect all the connectors back to the module. Wait, the module’s LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, junction connector, in front of the shifter.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD FOCUS
2008-2011

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3

- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

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

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

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

STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

**STEP 1**
Cut and remove the speaker wire junction connectors.

**STEP 2**
- Pink/Red - SW1 (-) input
- Insulate wire
- Refer to wire chart for wire location

**STEP 3**
Factory radio harness

**STEP 4**
Connect to aftermarket radio

**STEP 5**
- Connect AUX in only if you don’t have Sync

---

**Connectors and Colors**

- White - LF speaker (+)
- White/Black - LF speaker (-)
- Gray - RF speaker (+)
- Gray/Black - RF speaker (-)
- Purple - RR speaker (+)
- Purple/Black - RR speaker (-)
- Blue/White - RR speaker (-)
- Black - Ground
- Red - Accessory (+)
- Yellow - 12V (+)
- Orange - Illumination (+)
- Purple/White - Reverse light (+)
- LtGreen - E-brake (+)
- Pink - Vehicle speed
- Yellow/Black - Foot brake
- Brown Mute - (-)

**Sync Harness**
- Pink/Red - SW1 (-) input
- Insulate wire
- Sync module side

**Sync Module Side**

**Wires from Vehicle**
- Red/Brown (not connected)
- Yellow/Brown (not connected)

---

**SYNC HARNESS**

---

**FACTORY RADIO HARNESS**
VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
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<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, horizontal harness on the heater box.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD FUSION
2006-2012
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

STEP 1
• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3
• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

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

The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5
• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

STEP 2

PINK/RED - SWI 2 (-) INPUT

REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3

FACTORY RADIO HARNESS

RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)

STEP 4

CONNECT TO AFTERMARKET RADIO

STEP 5

CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

SYNC HARNESS

MAESTRO RR MODULE

WIRING DIAGRAM

STEP 1

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

STEP 2

PINK/RED - SWI 2 (-) INPUT

REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3

FACTORY RADIO HARNESS

RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)

STEP 4

CONNECT TO AFTERMARKET RADIO

STEP 5

CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

SYNC HARNESS

MAESTRO RR MODULE

WIRING DIAGRAM
## VEHICLE WIRE REFERENCE CHART

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<th>Polarity</th>
<th>Wire Location</th>
</tr>
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<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td>Blue/Orange</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Center console, right side, in front of the arm rest</td>
</tr>
</tbody>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD MUSTANG
2007-2012

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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www.12voltdata.com/forum
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**STEP 1**
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

**STEP 2**
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3**
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

**STEP 4**
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.
**NOTES:**
- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.

**STEP 5**
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

**STEP 1**

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

**STEP 2**

PINK/RED - SW 2 (-) INPUT

REFER TO WIRE CHART FOR WIRE LOCATION

**STEP 3**

FACTORY RADIO HARNESS

WIRING FROM VEHICLE

- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)

**STEP 4**

CONNECT AUX IN ONLY IF YOU DON’T HAVE SYNC

**STEP 5**

CONNECT TO AFTERMARKET RADIO

STEERING WHEEL CONTROL CABLE

REFER TO WIRE CHART FOR WIRE LOCATION

- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)
## VEHICLE WIRE REFERENCE CHART

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<th>Connector Name</th>
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<td>SWI 2</td>
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<td>-</td>
<td>Blue/Orange or Blue</td>
<td>[MUX]</td>
<td>Sync unit, behind the glove box.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD MUSTANG
BASE 2013-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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WELCOME

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NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

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

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRES JUNCTION CONNECTORS

STEP 2
PINK/RED - SW 2 (-) INPUT
STEERING WHEEL SIDE
INSULATE WIRE
SYNC MODULE SIDE
REF ERR TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

STEP 5
CONNECT TO AFTERMARKET RADIO

WIRING COLORS:
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLANK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LTGREEN - E-BRAKE (-)
- BLUE/WHITE - AMP TURN ON (+)
- MAESTRO RR MODULE

FO1 T-HARNESS

FO1 T-HARNESS

YELLOW/BROWN (NOT CONNECTED)

RED/BROWN (NOT CONNECTED)
### VEHICLE WIRE REFERENCE CHART

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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD MUSTANG SHAKER 2013-2014
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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NEED HELP?

1 866 427-2999

support@idatalink.com

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www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

STEP 1
- Unbox the aftermarket radio and locate its main harness.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire colors. [Refer to Diagram]

STEP 2
[Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart]
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
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STEP 5
- Secure the aftermarket radio in the dashboard housing.
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- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
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<td>[MUX]</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
## INSTALL GUIDE

### FORD MUSTANG SHAKER PRO 2013-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

---

### PRODUCTS REQUIRED
- iDatalink Maestro RR Radio Replacement Interface
- iDatalink Maestro F01 Installation Harness

### OPTIONAL ACCESSORIES
- None

### PROGRAMMED FIRMWARE
- ADS-RR(SR)-FOR01-AS

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

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INSTALLATION INSTRUCTIONS

STEP 1
- Unbox the aftermarket radio and locate its main harness.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire colors. (Refer to Diagram)

STEP 2
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

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

STEP 5
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

**STEP 1**
- WHITE
- WHITE/BLACK
- GRAY
- GRAY/BLACK
- GREEN
- GREEN/BLACK
- PURPLE
- PURPLE/BLACK
- BLUE/WHITE - AMP. TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LT GREEN - E-BRAKE (-)
- PINK - VEHICLE SPEED
- LT GREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- BROWN MUTE - (-)
- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)

**STEP 2**
- PINK/RED - SWI 2 (-) INPUT
- STEERING WHEEL SIDE
- INSULATE WIRE
- MODULE SIDE
- REFER TO WIRE CHART FOR WIRE LOCATION

**STEP 3**
- FACTORY RADIO HARNESS
- WIRES FROM VEHICLE
- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)

**STEP 4**
- RCA CABLES
- MAIN HARNESS
- SUB IN CENTER IN
- AUX IN
- CONNECT TO AFTERMARKET RADIO
- CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

**STEP 5**
- MAESTRO RR MODULE
- STEERING WHEEL CONTROL CABLE
- WIRES FROM VEHICLE
### VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Blue/Orange or Blue</td>
<td>[MUX]</td>
<td>Sync unit, behind the glove box.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
# INSTALL GUIDE

## FORD TAURUS 2008-2009

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

### PRODUCTS REQUIRED
- iDatalink Maestro RR Radio Replacement Interface
- iDatalink Maestro FO1 Installation Harness

### OPTIONAL ACCESSORIES
None

### PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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

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

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

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

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www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

**STEP 1**
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

**STEP 2**
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3**
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

**STEP 4**
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

**NOTES:**
- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
- The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

**STEP 5**
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

STEP 2
PINK/RED - SW 2 (-) INPUT
REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO
SUB IN CENTER IN AUX IN
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

STEP 5
MAESTRO RR MODULE
OFF T-HARNESS
CONNECT TO AFTERMARKET RADIO
SUB IN CENTER IN AUX IN
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

WIRING HINTS:
- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BLACK - RF SPEAKER (-)
- GREEN - LR SPEAKER (+)
- GREEN/BLACK - LR SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BLACK - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LT GREEN - E-BRAKE (-)
- PINK - VEHICLE SPEED
- YELLOW/BLACK - FOOT BRAKE
- BROWN MUTE - (-)
- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)
### VEHICLE WIRE REFERENCE CHART

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<tbody>
<tr>
<td>SWI 2</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Gray/Blue</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD TAURUS
2010-2012
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

NEED HELP?

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ADS-RR(SR)-FOR01-AS

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INSTALLATION INSTRUCTIONS

STEP 1
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
- The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
- The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
- The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:
- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module’s programming button and connect all the connectors back to the module. Wait, the module’s LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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STEP 1
Cut and remove the speaker wire junction connectors.

STEP 2
Pink/Red - SW 2 (-) input. Refer to the wire chart for wire location.

STEP 3
Factory radio harness. Wires from vehicle.

STEP 4
Connect to aftermarket radio.

STEP 5
Refer to the wire chart for wire location.
### VEHICLE WIRE REFERENCE CHART

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<tr>
<td>SWI 2</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
FORD TAURUS X
2008-2012

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

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INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

STEP 2
PINK/RED - SW1 (-) INPUT
INSULATE WIRE
REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS

STEP 4
CONNECT TO AFTERMARKET RADIO

STEP 5
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

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

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

FO1 T-HARNESS

REFERENCES
- Factory Radio Harness
- Sync Harness
- RCA Cables
- Main Harness
- Stereo Harness
- Maestro RR Module

STEP 1
- Cut and remove the speaker wire junction connectors.

STEP 2
- Insulate the wire and connect to the aftermarket radio.

STEP 3
- Refer to the wire chart for wire location.

STEP 4
- Connect the Aux input if you don't have Sync.

STEP 5
- Connect to the aftermarket radio.

WIRING DIAGRAM

CONNECT TO AFTERMARKET RADIO

SUB IN CENTER IN AUX IN

SYNC HARNES

RCA CABLES

SYNC HARNESS

STEERING WHEEL CONTROL CABLE

FACTORY RADIO HARNESS

MAESTRO RR MODULE

FO1 T-HARNESS
## VEHICLE WIRE REFERENCE CHART

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<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
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<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
LINCOLN MKS
2009-2012
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

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INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
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• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

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

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

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

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

STEP 2
PINK/RED - SW 2 (-) INPUT
INSULATE WIRE
SYNC HARNESS
SYNC MODULE SIDE
REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3
FACTORY RADIO HARNESS
WIRING DIAGRAM
RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)

STEP 4
CONNECT TO AFTERMARKET RADIO
RCA CABLES
SUB IN CENTER IN AUX IN
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC

STEP 5
REFER TO WIRE CHART FOR WIRE LOCATION
WIRES FROM VEHICLE
STEERING WHEEL CONTROL CABLE
MAESTRO RR MODULE
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

FO1 T-HARNESS
CONNECT TO AFTERMARKET RADIO
FACTORY RADIO HARNESS
SYNC HARNESS
PINK/RED - SWI 2 (-) INPUT
INSULATE WIRE
SYNC MODULE SIDE
REFER TO WIRE CHART FOR WIRE LOCATION
# VEHICLE WIRE REFERENCE CHART

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<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
LINCOLN MKT
2010-2012
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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WELCOME

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<td>Vehicle Wire Reference Chart</td>
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NEED HELP?

1 866 427-2999

support@idataLink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

STEP 1
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2
[Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart]
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:
- The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
- The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

STEP 2

PINK/RED - SWI 2 (-) INPUT

STEP 3

FACTORY RADIO HARNESS

STEP 4

CONNECT TO AFTERMARKET RADIO

SUB IN
CENTER IN
AUX IN

RCA CABLES

STEP 5

REFER TO WIRE CHART FOR WIRE LOCATION

WIRING DIAGRAM

FO1 T-HARNESS

RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)
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<td></td>
<td></td>
<td></td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
LINCOLN MKX
2007-2010

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-AS

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STEP 2
[Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart]
• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3
• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4
• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier.
The RCA connector labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5
• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1
- Cut and remove the speaker wire junction connectors.

STEP 4
- Connect to aftermarket radio.

STEP 2
- Pink/Red - SWI 2 (-) input.
- Refer to wire chart for wire location.

STEP 3
- Factory radio harness.

STEP 5
- Connect aux in only if you don’t have Sync.

White - LF speaker (+)
White/Black - LF speaker (-)
Gray - RF speaker (+)
Gray/Black - RF speaker (-)
Purple - RR speaker (+)
Purple/Black - RR speaker (-)
Blue/White - Amp. turn on (+)
Black - Ground
Red - Accessory (+)
Yellow - 12V (+)
Orange - Illumination (+)
Purple/White - Reverse light (+)
LtGreen - E-brake (-)
Pink - Vehicle speed
Yellow/Black - Foot brake
Brown Mute (-)

White/Black - LF speaker (-)
Gray/Black - RF speaker (-)
Purple/Black - RR speaker (-)
Yellow/12V (+)
Black - Ground
Red - Accessory (+)
Yellow/Black - Foot brake
Brown Mute (-)

White - LF speaker (+)
White/Black - LF speaker (-)
Gray - RF speaker (+)
Gray/Black - RF speaker (-)
Purple - RR speaker (+)
Purple/Black - RR speaker (-)
Blue/White - Amp. turn on (+)
Black - Ground
Red - Accessory (+)
Yellow - 12V (+)
Orange - Illumination (+)
Purple/White - Reverse light (+)
LtGreen - E-brake (-)
Pink - Vehicle speed
Yellow/Black - Foot brake
Brown Mute (-)

White/Black - LF speaker (-)
Gray/Black - RF speaker (-)
Purple/Black - RR speaker (-)
Yellow/12V (+)
Black - Ground
Red - Accessory (+)
Yellow/Black - Foot brake
Brown Mute (-)
### VEHICLE WIRE REFERENCE CHART

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<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange (MUX)</td>
<td>Center console, right side, harness going to the back.</td>
<td></td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
LINCOLN MKZ
2007-2012

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

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WELCOME

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

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

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- Installation Instructions 3
- Wiring Diagram 4
- Vehicle Wire Reference Chart 5

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✉️ support@idatalink.com
💬 maestro.idatalink.com/support
🌐 www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

**STEP 1**

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

**STEP 2**

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3**

- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

**STEP 4**

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

**NOTES:**

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

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

**STEP 5**

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

**TROUBLESHOOTING TIPS:**

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module’s programming button and connect all the connectors back to the module. Wait, the module’s LED will flash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.
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STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

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

STEP 4
CONNECT TO AFTERMARKET RADIO

SUB IN
CENTER IN
AUX IN

STEP 2
PINK/RED - SW 2 (-) INPUT
STEERING WHEEL SIDE
INSULATE WIRE
SYNC MODULE SIDE
SYNC HARNESS

STEP 3
FACTORY RADIO HARNESS

WIRE CHART
STEERING WHEEL SIDE
SYNC MODULE SIDE
WIRE LOCATION

STEP 5
CONNECT AUX IN ONLY IF YOU DON’T HAVE SYNC

FO1 T-HARNESS

RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)
## VEHICLE WIRE REFERENCE CHART

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<td></td>
<td></td>
<td></td>
<td>Blue/Oange</td>
<td>[MUX]</td>
<td>Center console, right side, harness going to the back.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
LINCOLN NAVIGATOR
2007-2014

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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- Unbox the aftermarket radio and locate its main harness.
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- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3

- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
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STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

**STEP 1**
- Cut and remove the speaker wire junction connectors.

**STEP 2**
- Pink/Red - SW 2 (-) Input
- Insulate wire
- Refer to wire chart for wire location
- Synch module side
- Synthetic wire
- Synch harness

**STEP 3**
- Factory radio harness
- Wires from vehicle
- Red/Brown (not connected)
- Yellow/Brown (not connected)
- Step 4
- Connect to aftermarket radio
- RCA cables
- Step 5
- Maestro RR module
- Connect aux in only if you don’t have Synch

**STEP 4**
- Main harness
- Connect aux in to aftermarket radio
- BCA cables

**STEP 5**
- Synch module side
- Steering wheel side
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<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Sync unit, center console.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
# Install Guide

## Lincoln Zephyr 2006

Retains steering wheel controls, factory amplifier control, analog outputs and more!

- **Products Required**
  - iDatalink Maestro RR Radio Replacement Interface
  - iDatalink Maestro FO1 Installation Harness

- **Optional Accessories**
  - None

- **Programmed Firmware**
  - ADS-RR(SR)-FOR01-AS

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

STEP 1
Cut and remove the speaker wire junction connectors.

STEP 2
Pink/Red - SW 2 (-) input
Steering wheel side
Insulate wire
Sync module side
Refer to wire chart for wire location

STEP 3
Factory radio harness
Wires from vehicle

STEP 4
Connectaux in only if you don’t have Sync
Connect to aftermarket radio

STEP 5
Referto wire chart for wire location
Wires from vehicle

Connect aux in only if you don’t have Sync
Connect to aftermarket radio

 белый - LF speaker (+)
белый/черный - LF speaker (-)
серый - RF speaker (+)
серый/черный - RF speaker (-)
зеленый - LR speaker (+)
зеленый/черный - LR speaker (-)
фиолетовый - RR speaker (+)
фиолетовый/черный - RR speaker (-)
желтый - 12V (+)
черный - GROUND
красный - ACCESSORY (+)
коричневый - MUTING (-)
желтый/черный - Foot Brake
оранжевый - ILLUMINATION (+)
фиолетовый/белый - REVERSE LIGHT (+)
розовый - VEHICLE SPEED
персиковый - E-BRAKE (-)
синий/белый - AMP. TURN ON (+)

вырезать и снять соединители провода динамиков

небелый - LF speaker (+)
небелый/черный - LF speaker (-)
серый - RF speaker (+)
серый/черный - RF speaker (-)
зеленый - LR speaker (+)
зеленый/черный - LR speaker (-)
фиолетовый - RR speaker (+)
фиолетовый/черный - RR speaker (-)
желтый - 12V (+)
черный - GROUND
красный - ACCESSORY (+)
коричневый - MUTING (-)
желтый/черный - Foot Brake
оранжевый - ILLUMINATION (+)
фиолетовый/белый - REVERSE LIGHT (+)
розовый - VEHICLE SPEED
персиковый - E-BRAKE (-)
синий/белый - AMP. TURN ON (+)
# VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Connection not required.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
OPTIONAL ACCESSORIES

None

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR01-AS

PRODUCTS REQUIRED

iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

INSTALL GUIDE

MAZDA TRIBUTE

2008-2011

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

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

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

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

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

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NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3

- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

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

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

STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

**STEP 1**
Cut and remove the speaker wire junction connectors.

**STEP 2**
- Pink/Red - SW2 (-) input
- Insulate wire
- Refer to wire chart for wire location

**STEP 3**
- Factory radio harness
- Wires from vehicle

**STEP 4**
- Connect to aftermarket radio
- RCA cables

**STEP 5**
- Maestro RR module

**WIRING CHART**
- White - LF speaker (+)
- White/Black - LF speaker (-)
- Gray - RF speaker (+)
- Gray/Black - RF speaker (-)
- Purple - RR speaker (+)
- Purple/Black - RR speaker (-)
- Blue/White - Amp. turn on (+)
- Black - Ground
- Red - Accessory (+)
- Yellow - 12V (+)
- Orange - Illumination (+)
- Purple/White - Reverse light (+)
- LT Green - E-BRAKE (-)
- Brown Mute - (-)
- Yellow/Black - Foot brake
- White - LF speaker (-)
- White/Black - LF speaker (+)
- Gray - RF speaker (-)
- Gray/Black - RF speaker (+)
- Purple - RR speaker (-)
- Purple/Black - RR speaker (+)
- Blue/White - Amp. turn on (-)
- Black - Ground
- Red - Accessory (-)
- Yellow - 12V (-)
- Orange - Illumination (-)
- Purple/White - Reverse light (-)
- LT Green - E-BRAKE (+)
- Brown Mute (+)
- Red - Accessory
- Yellow - 12V
- Orange - Illumination
- Purple/White - Reverse light
- LT Green - E-BRAKE
- Brown Mute

**FO1 T-HARNESS**
- Red/Brown (not connected)
- Yellow/Brown (not connected)

**FACTORY RADIO HARNESS**
- Wires from vehicle

**SYNC HARNESS**
- Pink/Red - SW2 (-) input
- Insulate wire
- Sync module side

**MAIN HARNESS**
- Connect to aftermarket radio

**RCA CABLES**
- SUB IN
- CENTER IN
- AUX IN

**SYNC MODULE SIDE**
- Black - Ground
- Red - Accessory
- Yellow - 12V
- Orange - Illumination
- Purple/White - Reverse light
- LT Green - E-BRAKE
- Brown Mute

**SYNC HARNESS**
- Pink/Red - SW2 (-) input
- Insulate wire
- Sync module side
VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Connection not required.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
MERCURY MARINER
2008-2011

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

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<td>iDatalink Maestro RR Radio Replacement Interface</td>
<td>None</td>
<td>ADS-RR(SR)-FOR01-AS</td>
</tr>
<tr>
<td>iDatalink Maestro F01 Installation Harness</td>
<td></td>
<td></td>
</tr>
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NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.
WELCOME

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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</table>

MERCURY MARINER 2008-2011
INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

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

STEP 1

CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

- WHITE - LF SPEAKER (+)
- WHITE/BLACK - LF SPEAKER (-)
- GRAY - RF SPEAKER (+)
- GRAY/BK - RF SPEAKER (-)
- PURPLE - RR SPEAKER (+)
- PURPLE/BL - RR SPEAKER (-)
- BLUE/WHITE - AMP TURN ON (+)
- BLACK - GROUND
- RED - ACCESSORY (+)
- YELLOW - 12V (+)
- ORANGE - ILLUMINATION (+)
- PURPLE/WHITE - REVERSE LIGHT (+)
- LT GREEN - E-BRAKE (-)
- YELLOW/BLACK - FOOT BRAKE
- BROWN MUTE - (-)
- RED/BROWN (NOT CONNECTED)
- YELLOW/BROWN (NOT CONNECTED)

STEP 2

PINK/RED - SW 2 (-) INPUT

REFER TO WIRE CHART FOR WIRE LOCATION

STEP 3

FACTORY RADIO HARNESS

WIRE CHART

STEP 4

CONNECT TO AFTERMARKET RADIO

STEP 5

MAESTRO RR MODULE
## VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Junction connector, behind the radio to the right.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
MERCURY MILAN
2006-2011
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDataLink Maestro RR Radio Replacement Interface
iDataLink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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WELCOME

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

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

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

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NEED HELP?

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support@idatalink.com
maestro.idatalink.com/support
www.12voltdata.com/forum
INSTALLATION INSTRUCTIONS

**STEP 1**
- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

**STEP 2**
(Required for vehicles equipped with SYNC, without factory navigation system; refer to Vehicle Wire Chart)
- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3**
- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

**STEP 4**
- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

**NOTES:**
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

**STEP 5**
- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

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

**STEP 1**
Cut and remove the speaker wire junction connectors.

**STEP 2**
Connect the pink/red wire to the stereo, and insulate the sync harness. Refer to the wire chart for wire locations.

**STEP 3**
Connect the wires from the vehicle to the factory radio harness.

**STEP 4**
Connect to the aftermarket radio.

**STEP 5**
Refer to the wire chart for wire connections to the Maestro RR module.
VEHICLE WIRE REFERENCE CHART

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Blue/Orange</td>
<td>[MUX]</td>
<td>Center console, right side, in front of the arm rest.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE

MERCURY MONTEGO
2005-2007

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL, ANALOG OUTPUTS AND MORE!

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PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro FO1 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS
WELCOME

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

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

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

NEED HELP?

1 866 427-2999

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www.12voltdata.com/forum

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INSTALLATION INSTRUCTIONS

STEP 1

• Unbox the aftermarket radio and locate its main harness.
• Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
• Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

• Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
• See the WIRE CHART for vehicle wire color and location.
• Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
• Cut the SWI 2 INPUT wire.
• Connect the PINK/RED wire of 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 3

• Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

• Plug the aftermarket radio harnesses into the aftermarket radio.
• Plug the Steering Wheel Control Cable into the aftermarket radio.
• Insert the RCA connectors into the aftermarket radio.

NOTES:
The RCA connectors labeled CENTER IN can be used to feed the center channel of the THX system or as a second subwoofer channel (if applicable).
The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 5

• Secure the aftermarket radio in the dashboard housing.
• Connect all the harnesses to the Maestro RR module.
• Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

STEP 1
CUT AND REMOVE
THE SPEAKER WIRE
JUNCTION CONNECTORS

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

STEP 2
PINK/RED - SWI 2 (-) INPUT
STEERING WHEEL SIDE
Refer to wire chart for wire location
INSULATE WIRE
SYNC MODULE SIDE

STEP 3
FACTORY RADIO HARNESS
WIRING FROM VEHICLE
RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)

STEP 4
CONNECT TO
AFTERMARKET RADIO

STEP 5
CONNECT AUX IN
ONLY IF YOU DON’T HAVE SYNC

FO1 T-HARNESS

RCA CABLES

MAIN HARNESS

SYNC HARNESS

STEERING WHEEL CONTROL CABLE

STEP 1
CUT AND REMOVE
THE SPEAKER WIRE
JUNCTION CONNECTORS

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

STEP 2
PINK/RED - SWI 2 (-) INPUT
STEERING WHEEL SIDE
Refer to wire chart for wire location
INSULATE WIRE
SYNC MODULE SIDE

STEP 3
FACTORY RADIO HARNESS
WIRING FROM VEHICLE
RED/BROWN (NOT CONNECTED)
YELLOW/BROWN (NOT CONNECTED)

STEP 4
CONNECT TO
AFTERMARKET RADIO

STEP 5
CONNECT AUX IN
ONLY IF YOU DON’T HAVE SYNC

FO1 T-HARNESS
**VEHICLE WIRE REFERENCE CHART**

<table>
<thead>
<tr>
<th>Wire Description</th>
<th>Connector Name</th>
<th>Connector Color</th>
<th>Connector Type</th>
<th>Position</th>
<th>Wire Color</th>
<th>Polarity</th>
<th>Wire Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Connection not required.</td>
</tr>
</tbody>
</table>

SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
MERCURY MOUNTAINEER
2006-2010

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

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

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

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

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

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support

www.12voltdata.com/forum

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<td>Wiring Diagram</td>
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<tr>
<td>Vehicle Wire Reference Chart</td>
</tr>
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</table>
INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the aftermarket radio and locate its main harness.
- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the FO1 T-harness and match the wire functions. (Refer to aftermarket radio guide)

STEP 2

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

- Disassemble the dashboard carefully and remove the factory radio from its housing without disconnecting it.
- See the WIRE CHART for vehicle wire color and location.
- Use a multimeter to test the SWI 2 wire. Connect the BLACK test probe to ground (−) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button.
- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of 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 3

- Connect the factory harness to the FO1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 4

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Steering Wheel Control Cable into the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

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

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

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

STEP 5

- Secure the aftermarket radio in the dashboard housing.
- Connect all the harnesses to the Maestro RR module.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS:

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

STEP 1
CUT AND REMOVE THE SPEAKER WIRE JUNCTION CONNECTORS

WHITE - LF SPEAKER (+)
WHITE/BLACK - LF SPEAKER (-)
GRAY - RF SPEAKER (+)
GRAY/BLACK - RF SPEAKER (-)
PURPLE - RR SPEAKER (+)
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ORANGE - ILLUMINATION (+)
PURPLE/WHITE - REVERSE LIGHT (+)
LTGREEN - E-BRAKE (-)
YELLOW/BLACK - FOOT BRAKE
BROWN MUTE - (-)

STEP 2
PINK/RED - SW 2 (-) INPUT
STEERING WHEEL SIDE
INSULATE WIRE
SYNC MODULE SIDE
SEE AFTERMARKET RADIO GUIDE
COLORS
WIRE CHART
WIRE LOCATION

STEP 3
FO1 T-HARNESS
WIRE CHART
WIRE LOCATION

STEP 4
CONNECT TO AFTERMARKET RADIO
SUB IN
CENTER IN
AUX IN
RCA CABLES

STEP 5
CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC
MAESTRO RR MODULE
MAESTRO RADIO HARNESS
FACTORY RADIO HARNESS
STEERING WHEEL CONTROL CABLE
WIRE CHART
WIRE LOCATION

CONNECT AUX IN ONLY IF YOU DON'T HAVE SYNC
### VEHICLE WIRE REFERENCE CHART

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<tbody>
<tr>
<td>SWI 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>White/Brown</td>
<td>[MUX]</td>
<td>Center console, harness going to the back.</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.
INSTALL GUIDE
MERCURY SABLE
2008-2009
RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER CONTROL,
ANALOG OUTPUTS AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro F01 Installation Harness

OPTIONAL ACCESSORIES
None

PROGRAMMED Firmware
ADS-RR(SR)-FOR01-AS

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<td>SWI 2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Gray/Blue</td>
<td>[MUX]</td>
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SWI 2 connection is required only if vehicle is equipped with Sync.