SELECT VEHICLE
PRINT PAGES NEEDED

iDatalink maestro RR

HOW TO USE THIS INSTALL GUIDE

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

WARNING

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

INSTALL GUIDE

2011-2013
FORD EDGE
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Unclip and remove the two (2) trim panels at the left and right of the OEM radio. (Fig. 1.1)
2. Remove four (4) screw holding the shifter trim panel. Unclip and remove the shifter trim panel. (Fig. 1.2)
3. Remove six (6) 7mm screws holding the radio and climate control panel. (Fig. 1.3)
4. Use a panel removal tool to unclip and release the radio and climate panel from the dash. (Fig. 1.3)
5. Remove four (4) 7mm screws holding the radio body. Unplug and remove the OEM radio. (Fig. 1.3)
6. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 1.4)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.


Fig. 1.1

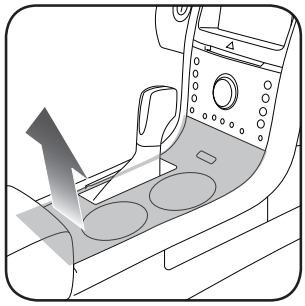


Fig. 1.2

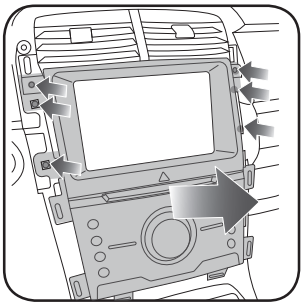


Fig. 1.3

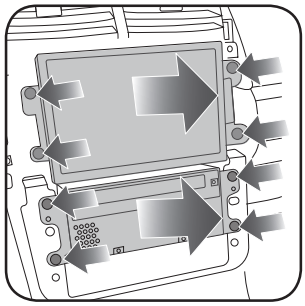


Fig. 1.4

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

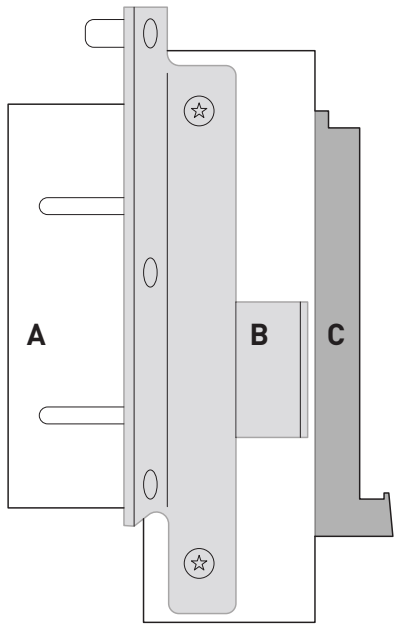


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

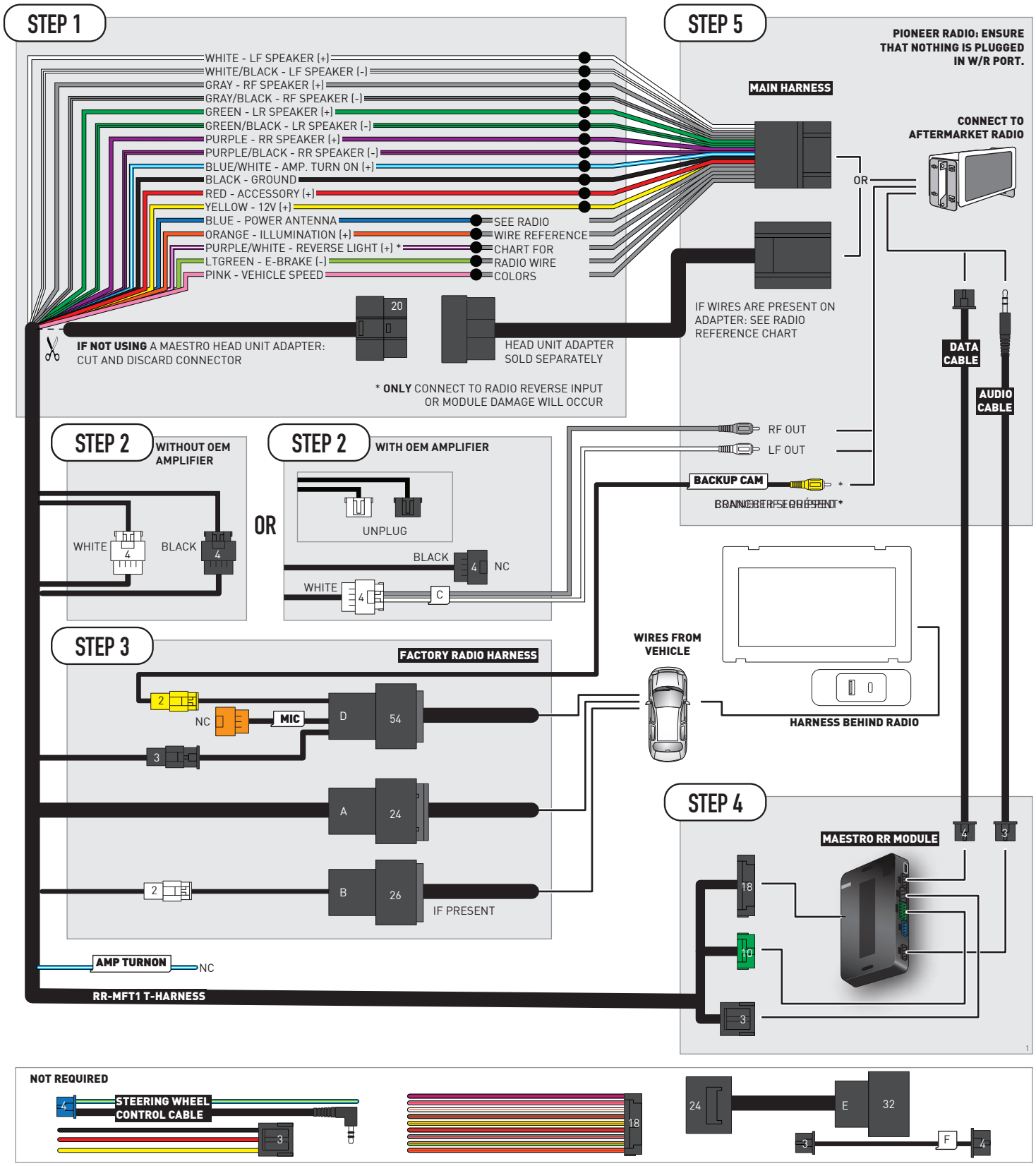
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2014-2019
FORD EDGE
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INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

NOTE: Requires shallow mount radio. Requires trimming in the dash.

1. Unclip and remove the two (2) trim panels at the left and right of the center console. (Fig. 1.1)
2. Unclip and remove the center console trim panel (around the shifter). Unplug the connectors. (Fig. 1.2)
3. Remove four (4) 5.5mm screws holding storage compartment in front of the center console. Remove and unplug it. (Fig. 1.3)
4. Remove five (5) 7mm screws holding the shifter housing. Unclip and pull it backward. Do not remove it. (Fig. 1.4)
5. Remove two (2) 7mm screws at the bottom of the radio and climate control panel. Carefully unclip and remove the radio and climate control panel, starting from the bottom (air vents are fragile). Unplug the connectors. (Fig. 1.5)
6. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 16)
7. Remove two (2) screws holding the radio. Unplug and remove the OEM radio. (Fig. 1.6)
8. Cut and remove the plastic behind the screen. (Fig. 1.7)

Keep screws and brackets fot MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

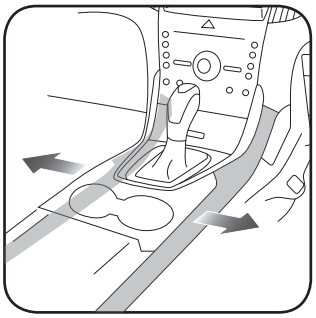


Fig. 1.1

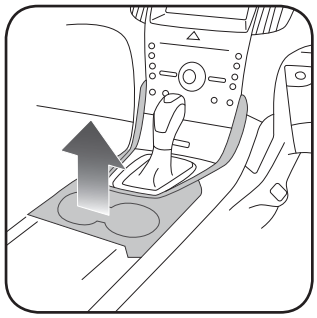


Fig. 1.2

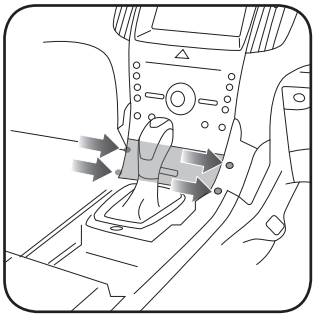


Fig. 1.3

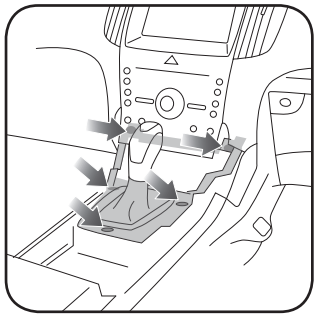
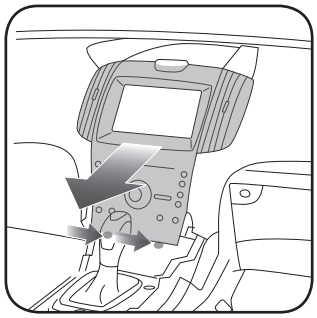


Fig. 1.4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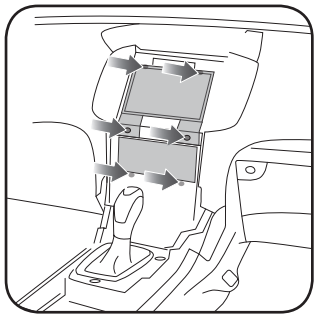


Fig. 1.6

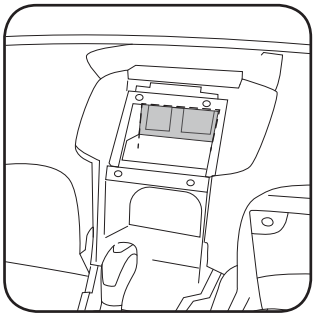


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

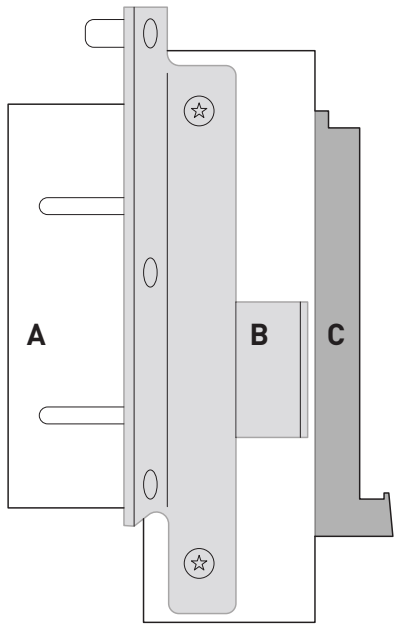


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

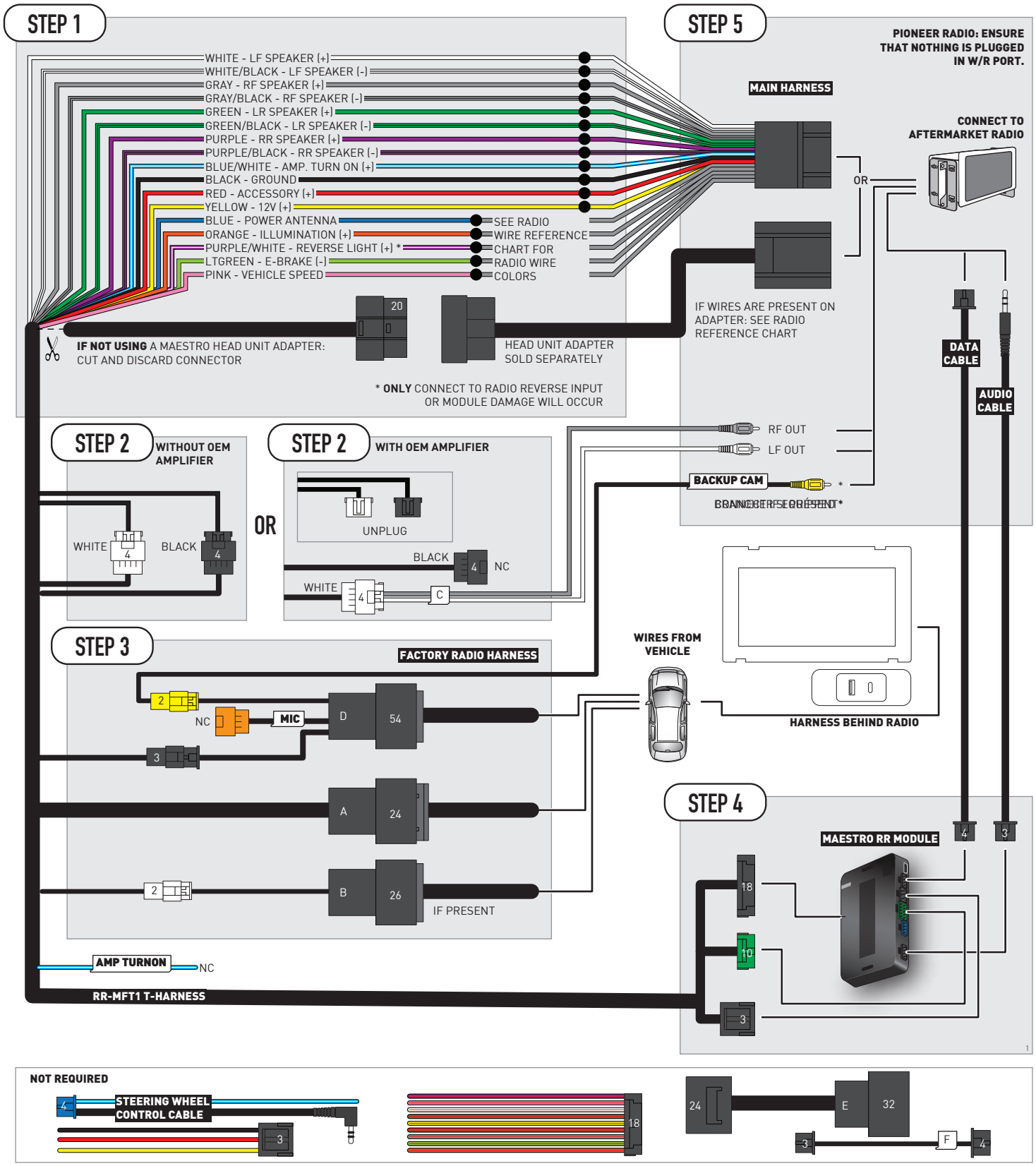
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
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Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
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VERIFY FLASH		Last flash information, steering control configuration, vehicle information.
WEBLINK		Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

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INSTALL GUIDE

2013-2016
FORD ESCAPE
WITH MYFORD TOUCH WITH SONY AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

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INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

NOTE: If you are installing a standard sized double din radio, trimming is required to make the radio fit.

1. Using a plastic pry tool, remove the upper trim by pulling upward. (Fig. 1.1)
2. Remove the two (2) 7mm screws from the radio bezel. (Fig. 1.2)
3. Unclip and remove the radio bezel by prying with a plastic panel too. Unplug the connector from the panel and set it aside. (Fig. 1.3)
4. Remove four (4) 7mm screws securing the screen. Unplug and remove the screen. (Fig. 1.4)
5. Remove two (2) 7 mm screws securing the radio module. Unplug and remove the radio. (Fig. 1.5)
6. Remove (4) 7mm screws securing the radio mounting hardware. (Fig. 1.6)
7. If you are installing a standard sized double din radio, trim the plastic behind the screen to make the radio fit. (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

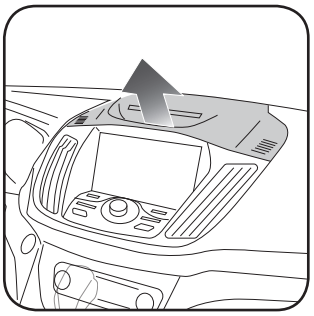
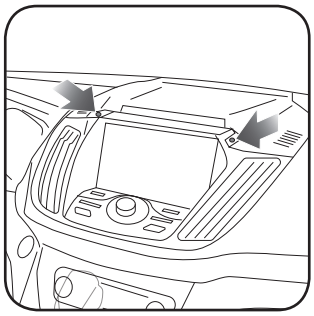


Fig. 1.1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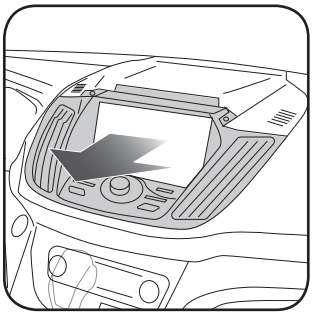
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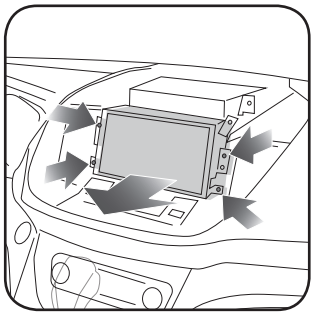


Fig. 1.4

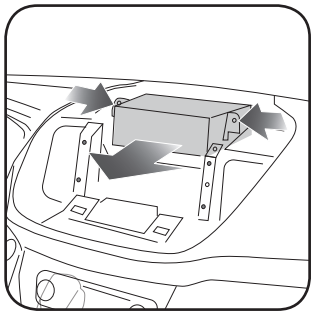


Fig. 1.5

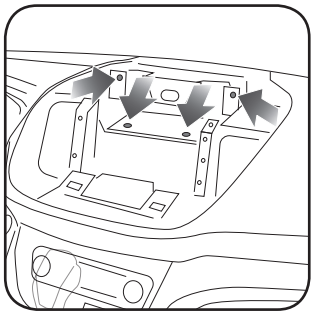


Fig. 1.6

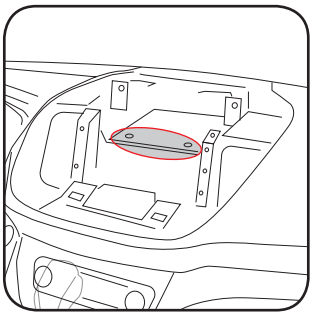


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

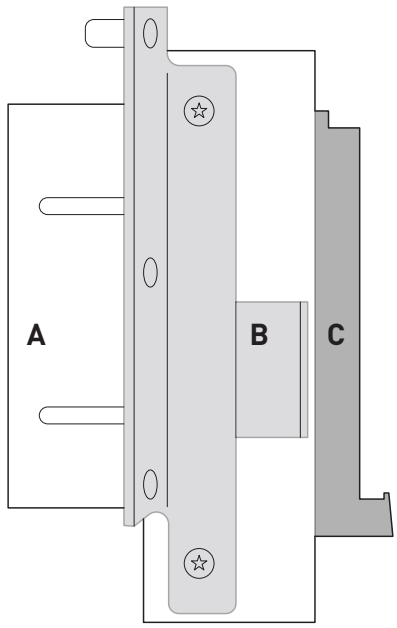


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Plug the **C** cable to the MFT1 main harness (**A**) 4-pin WHITE connector.

- Plug the **F** cable to the MFT1 main harness (**A**) 4-pin BLACK connector. Plug other end of **F** cable to the Maestro module.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

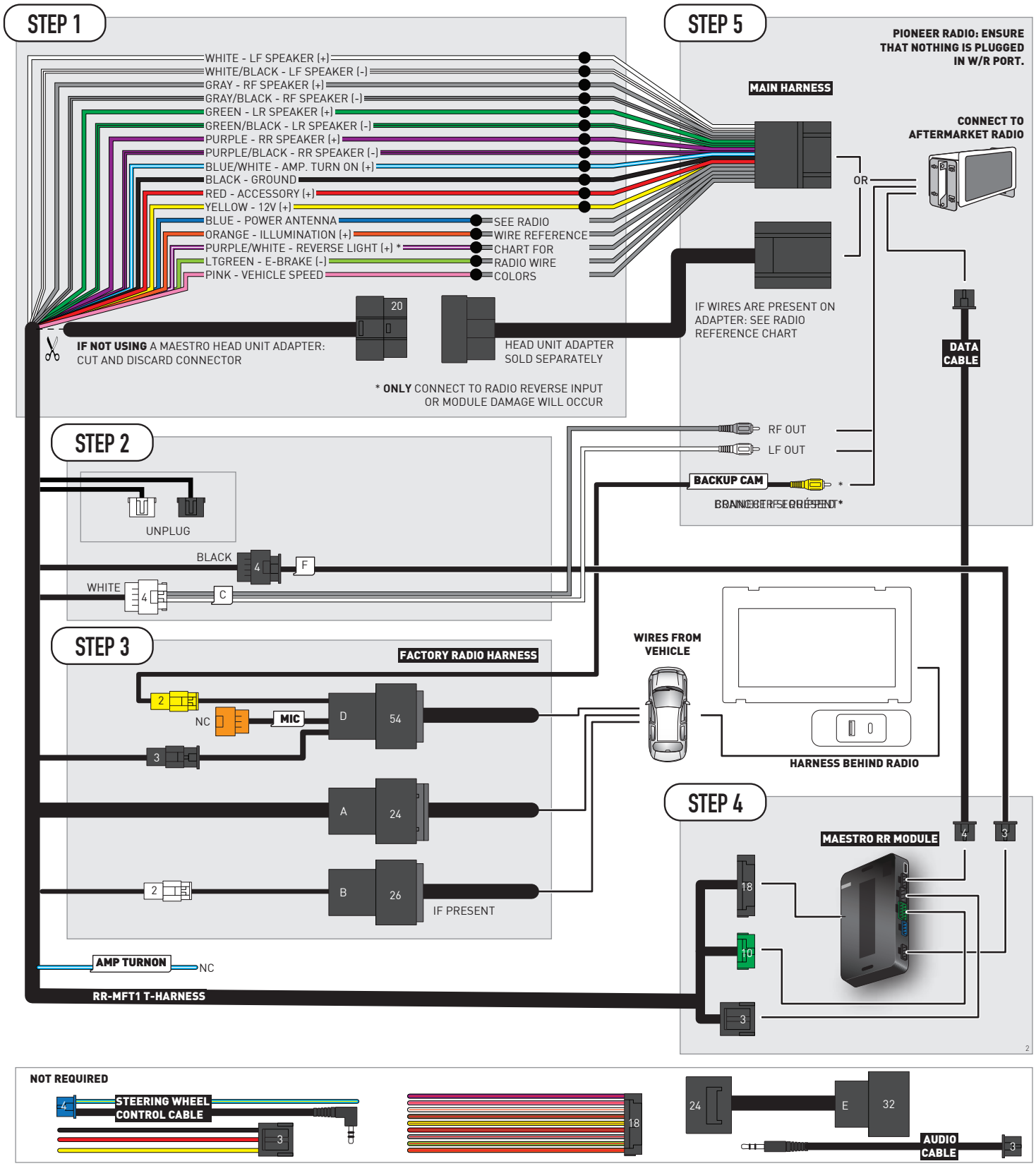
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Plug the white and gray RCAs into the aftermarket radio.
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2013-2019
FORD ESCAPE
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

NOTE: If you are installing a standard sized double din radio, trimming is required to make the radio fit.

1. Using a plastic pry tool, remove the upper trim by pulling upward. (Fig. 1.1)
2. Remove the two (2) 7mm screws from the radio bezel. (Fig. 1.2)
3. Unclip and remove the radio bezel by prying with a plastic panel too. Unplug the connector from the panel and set it aside. (Fig. 1.3)
4. Remove four (4) 7mm screws securing the screen. Unplug and remove the screen. (Fig. 1.4)
5. Remove two (2) 7 mm screws securing the radio module. Unplug and remove the radio. (Fig. 1.5)
6. Remove (4) 7mm screws securing the radio mounting hardware. (Fig. 1.6)
7. If you are installing a standard sized double din radio, trim the plastic behind the screen to make the radio fit. (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

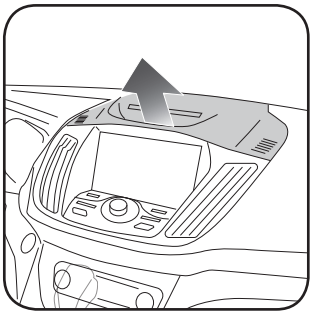


Fig. 1.1


Fig. 1.2

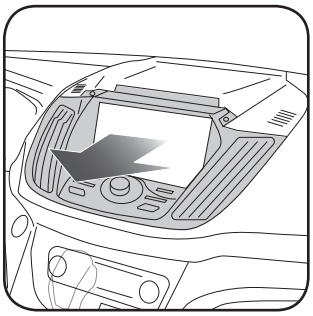


Fig. 1.3

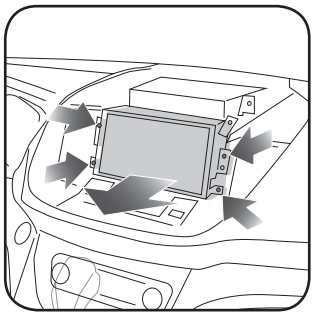


Fig. 1.4

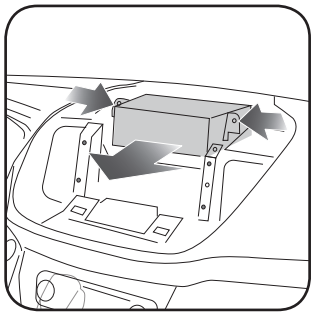


Fig. 1.5

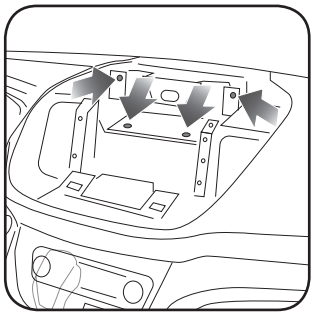


Fig. 1.6

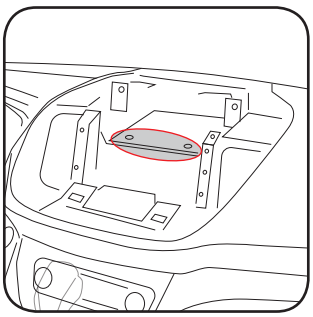


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

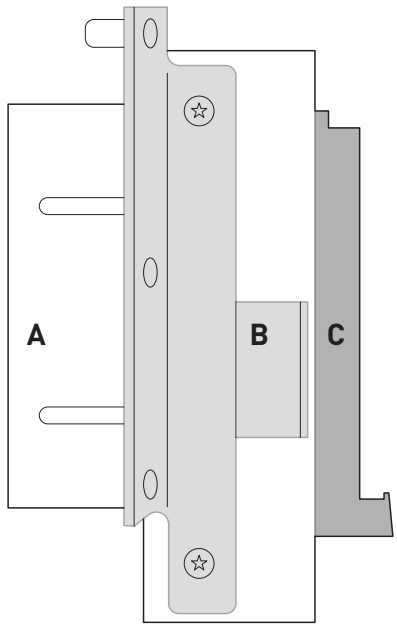


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

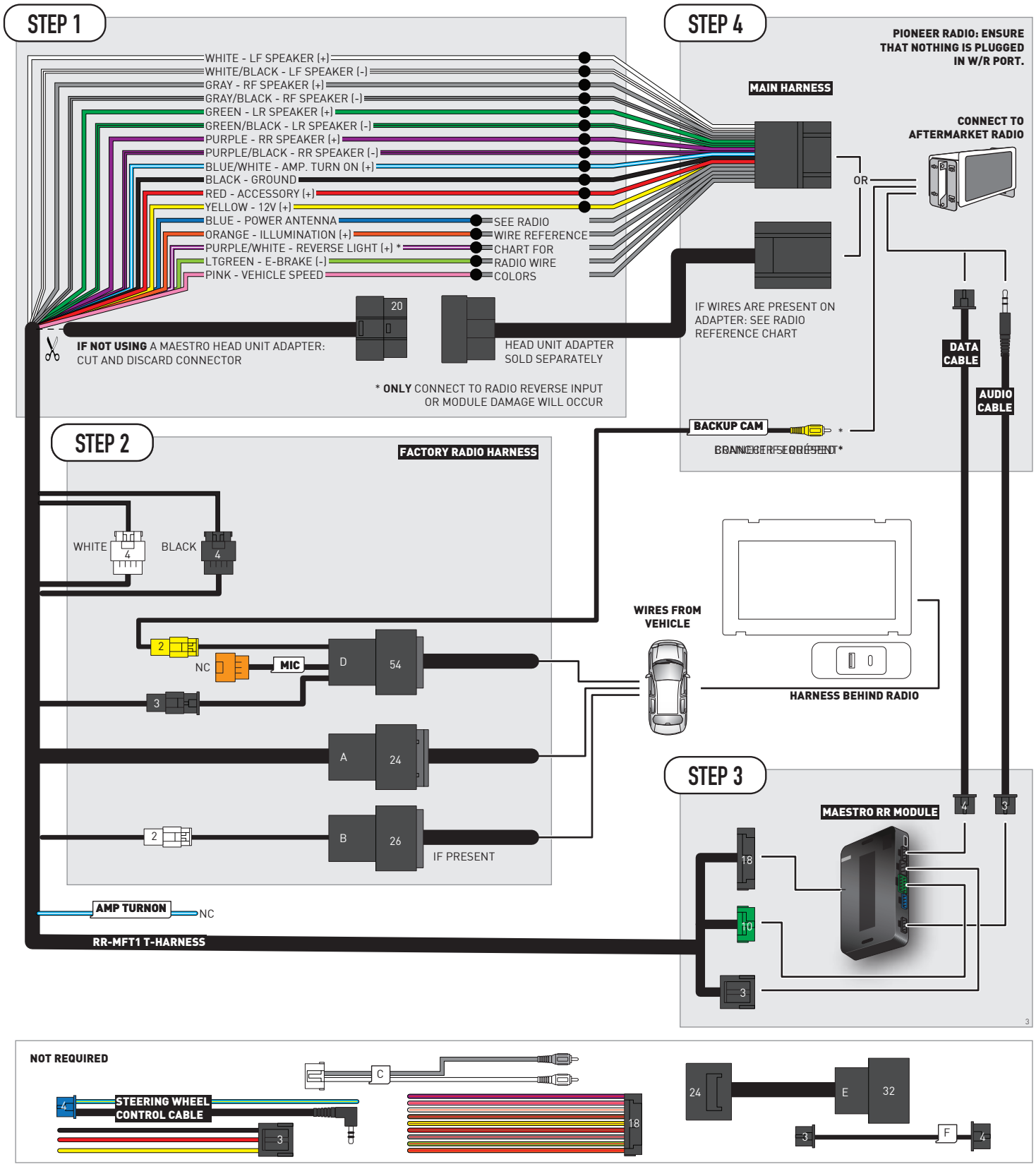
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2015-2017
FORD EXPEDITION
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

NOTE: Climate control module needs to be relocated to the bottom where the oem radio body was.

1. Unclip and remove the trim panel at the bottom of the climate control panel. (Fig. 1.1) Remove two (2) 7mm screws behind it. (Fig. 1.2)
2. Unclip and remove the radio and climate control panel, starting from the bottom. Unplug the connectors. (Fig. 1.3)
3. Remove four (4) screws holding the radio. (Fig. 1.4) Remove and unplug the radio. (Fig. 1.5)
4. Remove and unplug the screen. (Fig. 1.6)
5. Unplug the climate module, above the OEM screen location. Remove One (1) 7mm screw and remove the module. (Fig. 1.7) The climate module will be relocated to the bottom, where the oem radio body was.

tws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

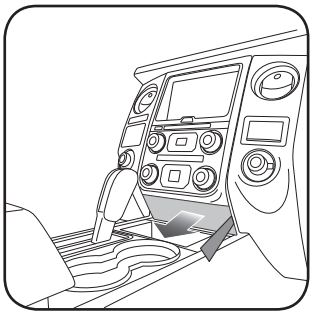


Fig. 1.1


Fig. 1.2


Fig. 1.3

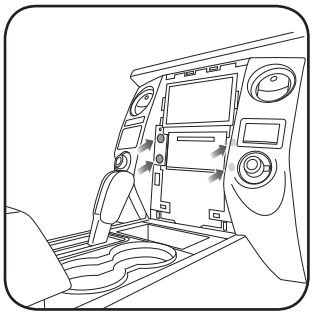


Fig. 1.4

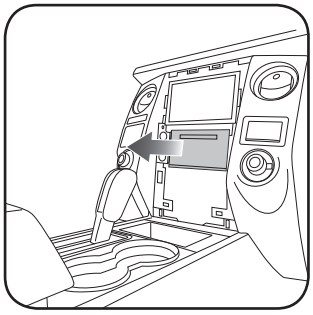


Fig. 1.5

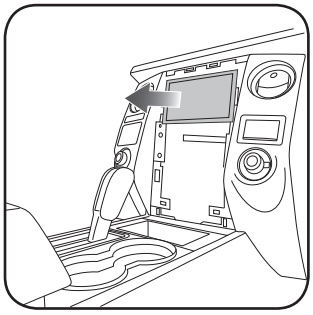


Fig. 1.6

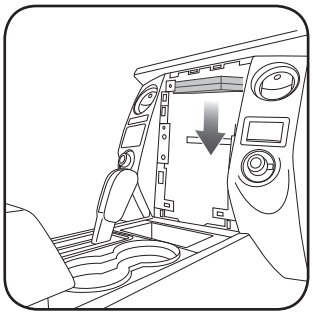


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

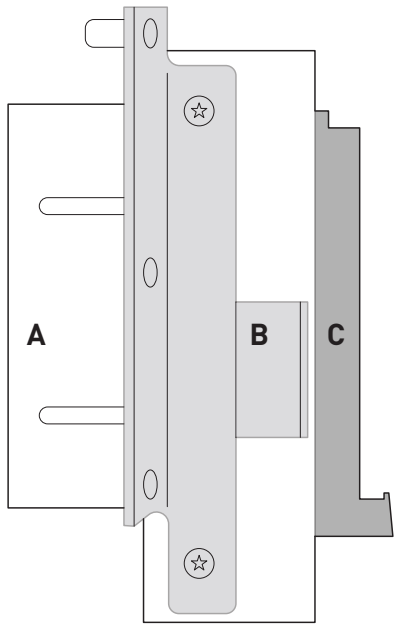


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

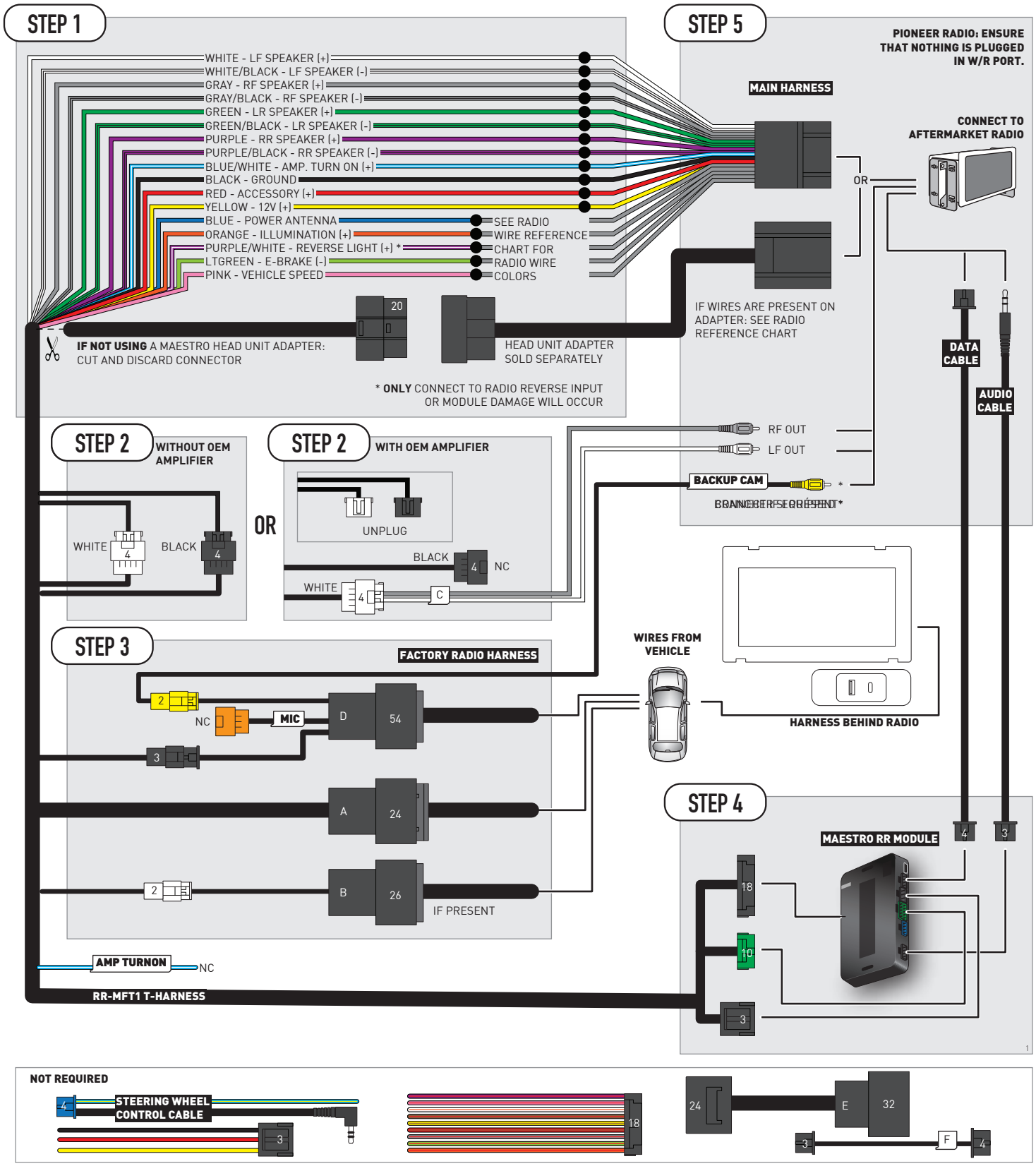
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2018-2019
FORD EXPEDITION
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

NOTE: Climate control module needs to be relocated to the bottom where the oem radio body was.

1. Unclip and remove the trim panel at the bottom of the climate control panel. (Fig. 1.1) Remove two (2) 7mm screws behind it. (Fig. 1.2)
2. Unclip and remove the radio and climate control panel, starting from the bottom. Unplug the connectors. (Fig. 1.3)
3. Remove four (4) screws holding the radio. (Fig. 1.4) Remove and unplug the radio. (Fig. 1.5)
4. Remove and unplug the screen. (Fig. 1.6)
5. Unplug the climate module, above the OEM screen location. Remove One (1) 7mm screw and remove the module. (Fig. 1.7) The climate module will be relocated to the bottom, where the oem radio body was.

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

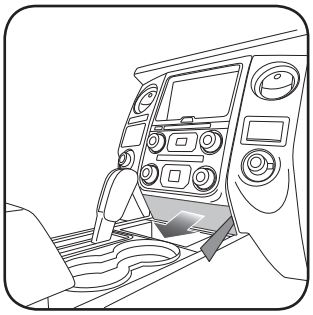


Fig. 1.1


Fig. 1.2


Fig. 1.3

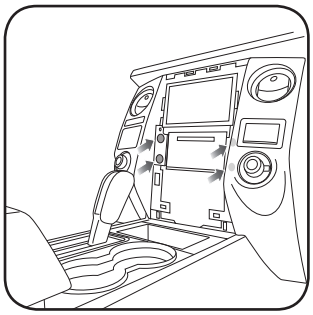


Fig. 1.4

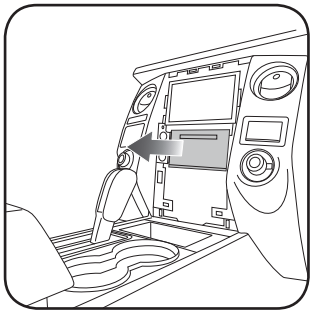


Fig. 1.5

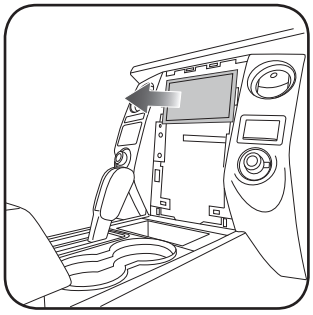


Fig. 1.6

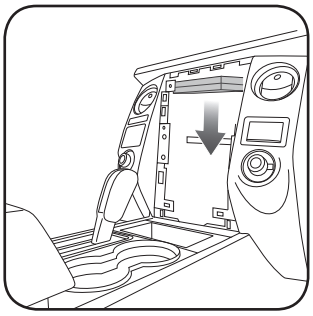


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

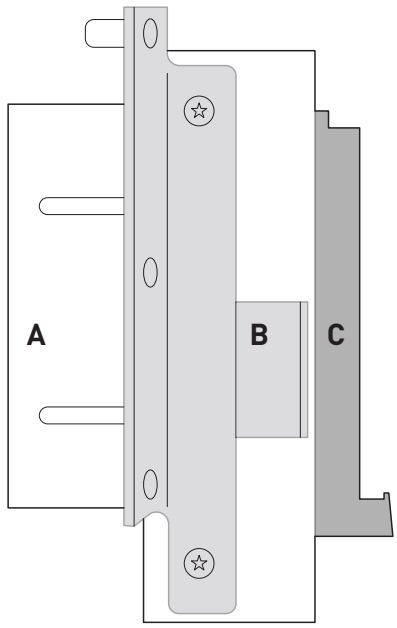


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

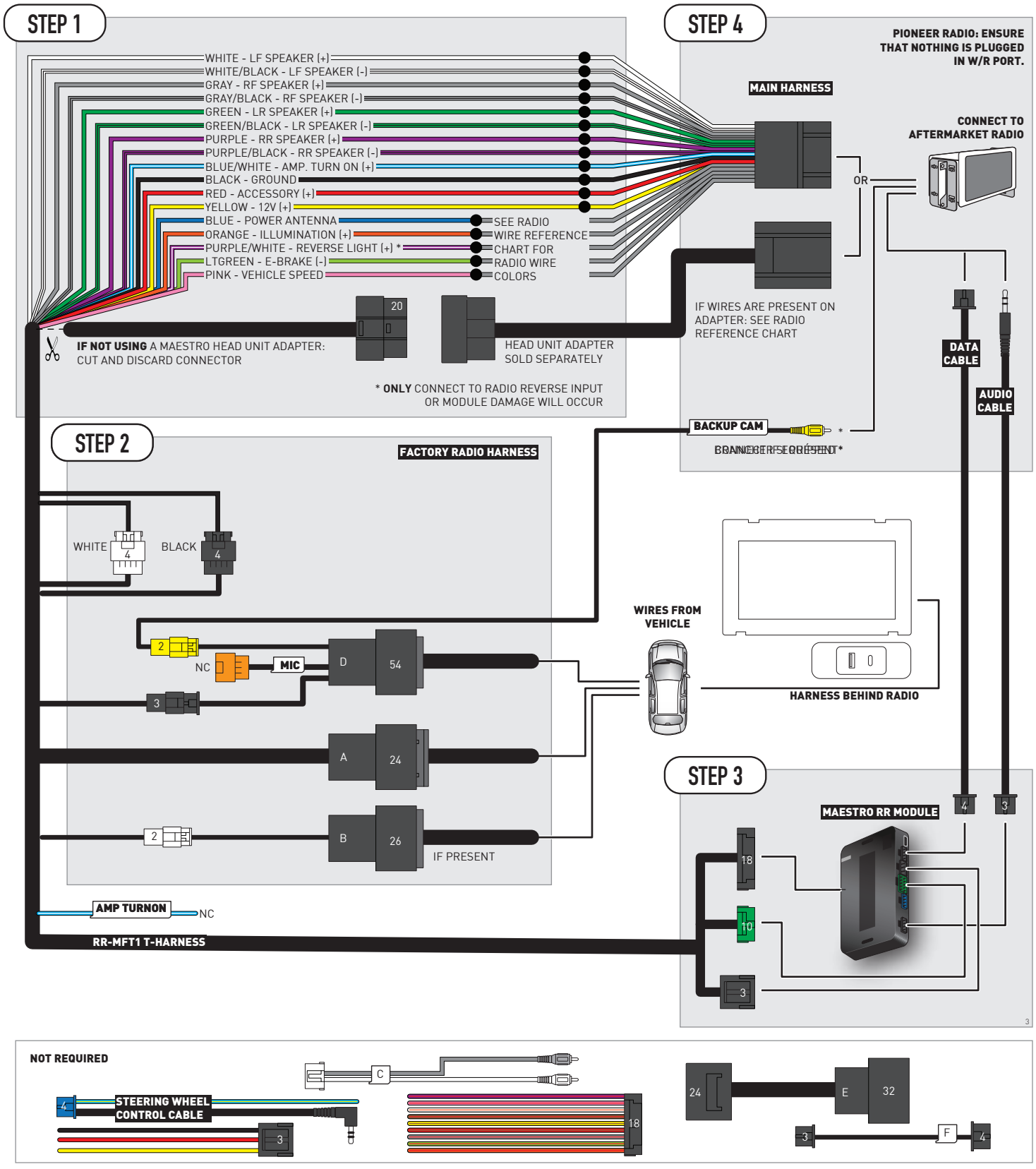
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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INSTALL GUIDE

2011-2015
FORD EXPLORER
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

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1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

NOTE:

In some cases the heated steering wheel module will need to be relocated. (Fig. 1.6)

Requires shallow mount radio. Requires trimming.

1. Unclip and remove the two (2) trim panels at the left and right of the OEM radio. (Fig. 1.1)
2. Remove four (4) 7mm screws holding the radio and climate control panel. (Fig. 1.2)
3. Unclip and remove the radio and climate control panel. Unplug the connectors. (Fig. 1.3)
4. Remove four (4) 7mm screws holding the OEM radio. Unplug and remove the OEM radio. (Fig. 1.4)
5. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 1.5)
6. Relocate heated steering wheel module (if required). (Fig. 1.6)
7. Cut or bend metal bracket (if required). (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.


Fig. 1.1

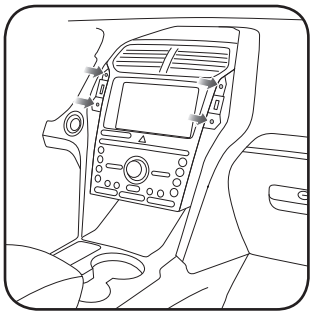


Fig. 1.2


Fig. 1.3

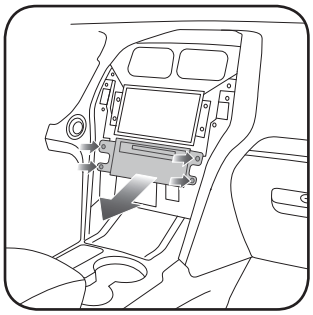


Fig. 1.4

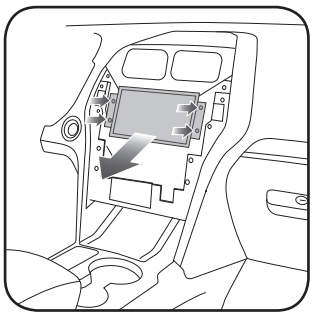


Fig. 1.5

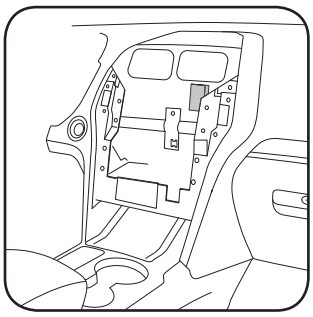


Fig. 1.6

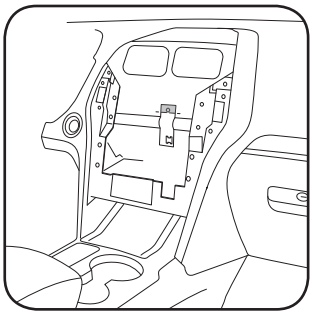


Fig. 1.7

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

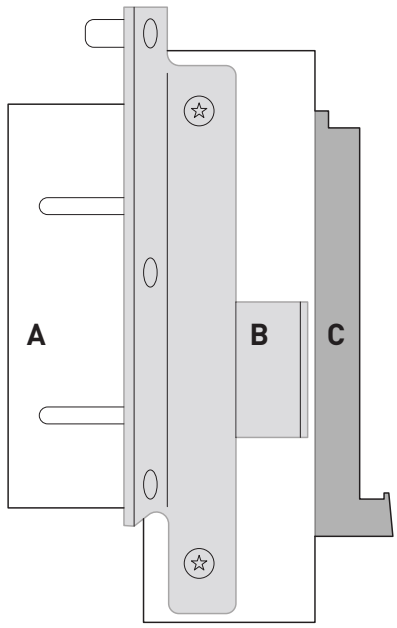


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

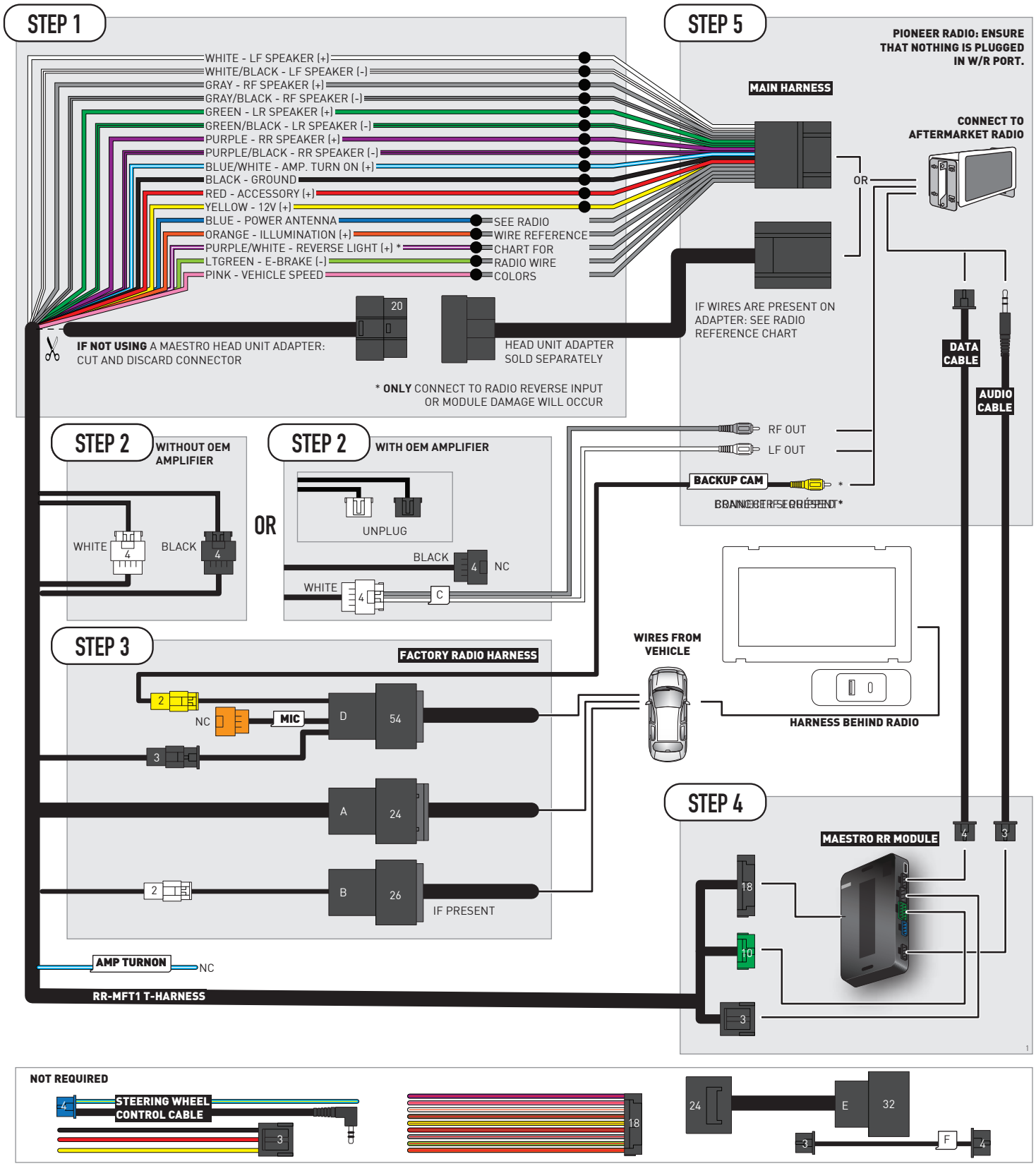
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

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

Head unit adapter wiring (optional accessory, sold separately)

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ACC-HU-KEN2 Wire Description	Polarity	Wire Color on Adapter	Kenwood Radio
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VIDEO HELP		Installation, product information, vehicle specific videos.
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WEBLINK		Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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INSTALL GUIDE

2016-2017
FORD EXPLORER
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

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DASH DISASSEMBLY

NOTE:

In some cases the heated steering wheel module will need to be relocated. (Fig. 1.6)

Requires shallow mount radio. Requires trimming.

1. Unclip and remove the two (2) trim panels at the left and right of the OEM radio. (Fig. 1.1)
2. Remove four (4) 7mm screws holding the radio and climate control panel. (Fig. 1.2)
3. Unclip and remove the radio and climate control panel. Unplug the connectors. (Fig. 1.3)
4. Remove four (4) 7mm screws holding the OEM radio. Unplug and remove the OEM radio. (Fig. 1.4)
5. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 1.5)
6. Relocate heated steering wheel module (if required). (Fig. 1.6)
7. Cut or bend metal bracket (if required). (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.


Fig. 1.1

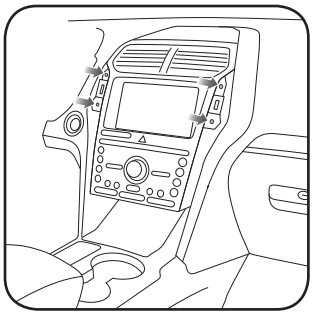


Fig. 1.2


Fig. 1.3

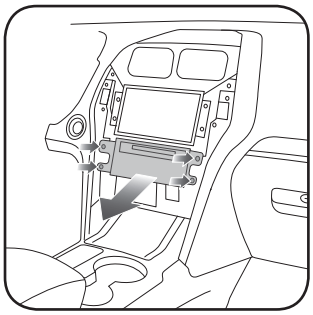


Fig. 1.4

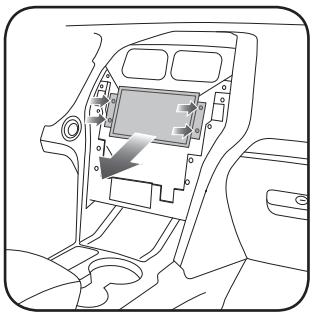


Fig. 1.5

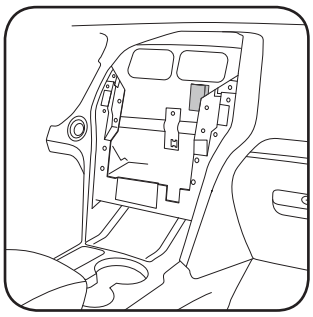


Fig. 1.6

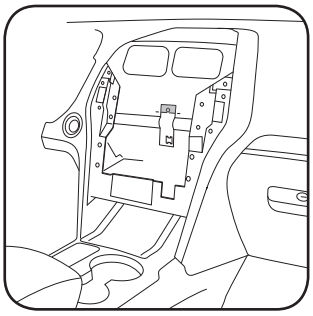


Fig. 1.7

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

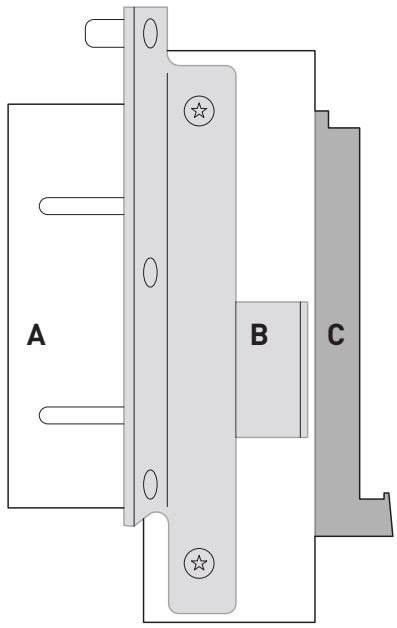


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

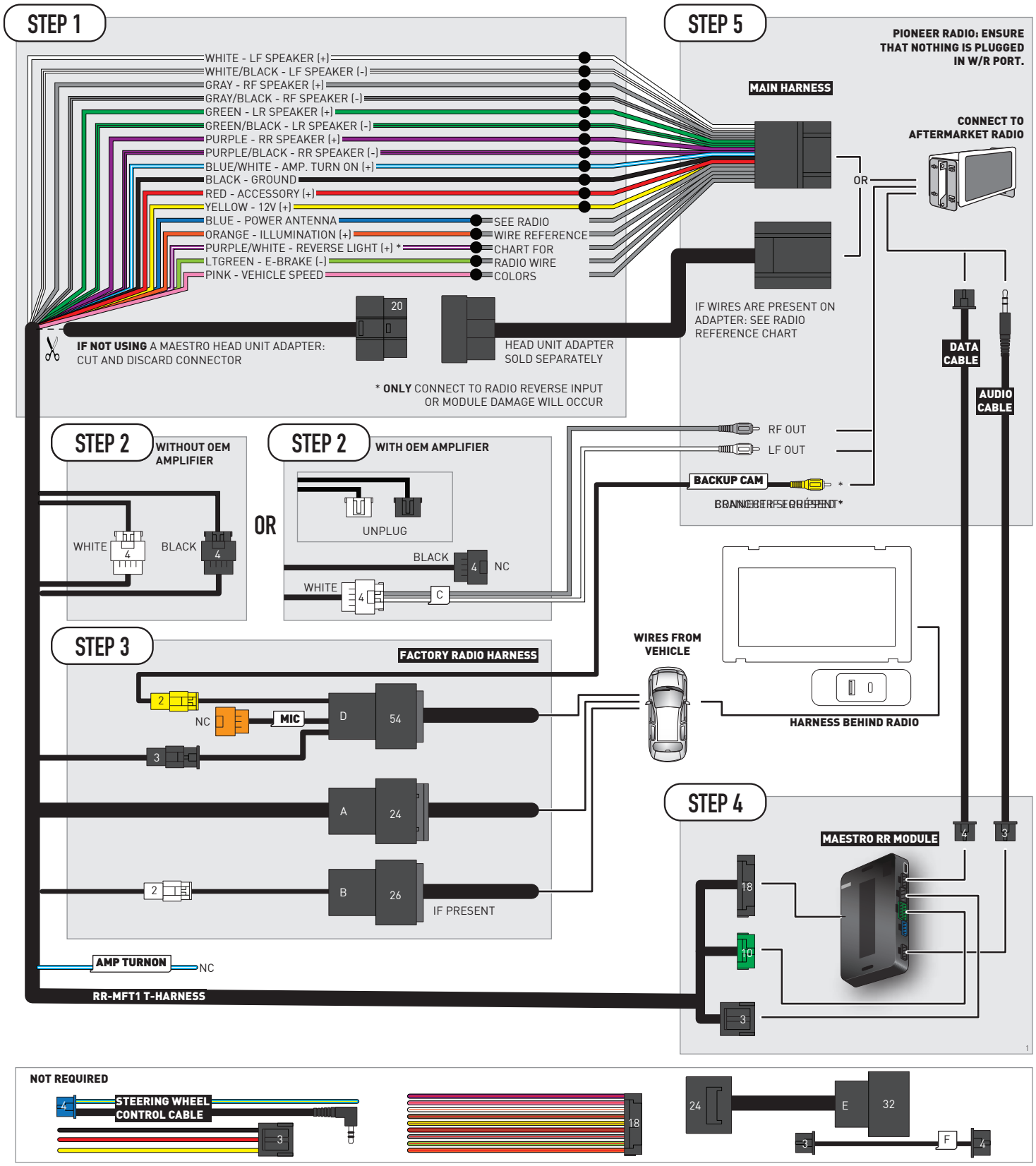
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2018-2019
FORD EXPLORER
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

NOTE:

In some cases the heated steering wheel module will need to be relocated. (Fig. 1.6)

Requires shallow mount radio. Requires trimming.

1. Unclip and remove the two (2) trim panels at the left and right of the OEM radio. (Fig. 1.1)
2. Remove four (4) 7mm screws holding the radio and climate control panel. (Fig. 1.2)
3. Unclip and remove the radio and climate control panel. Unplug the connectors. (Fig. 1.3)
4. Remove four (4) 7mm screws holding the OEM radio. Unplug and remove the OEM radio. (Fig. 1.4)
5. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 1.5)
6. Relocate heated steering wheel module (if required). (Fig. 1.6)
7. Cut or bend metal bracket (if required). (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

Fig. 1.1

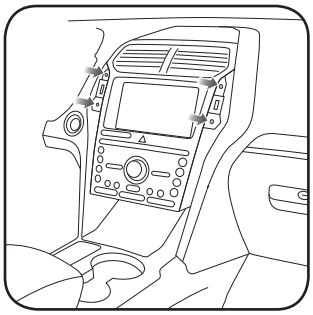


Fig. 1.2

Fig. 1.3

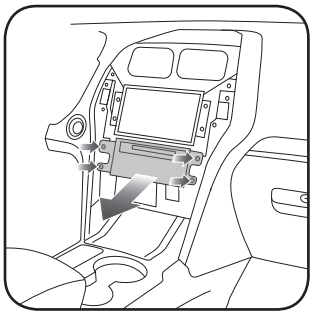


Fig. 1.4

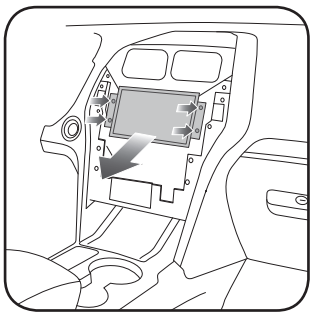


Fig. 1.5

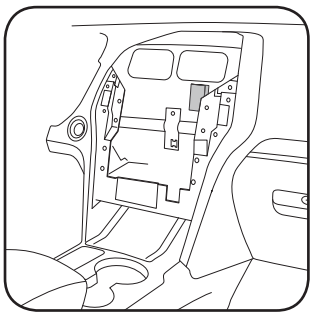


Fig. 1.6

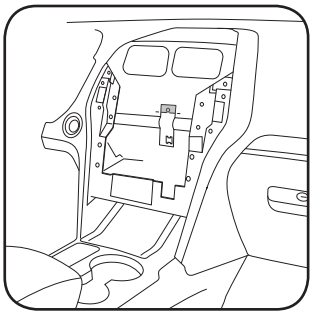


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

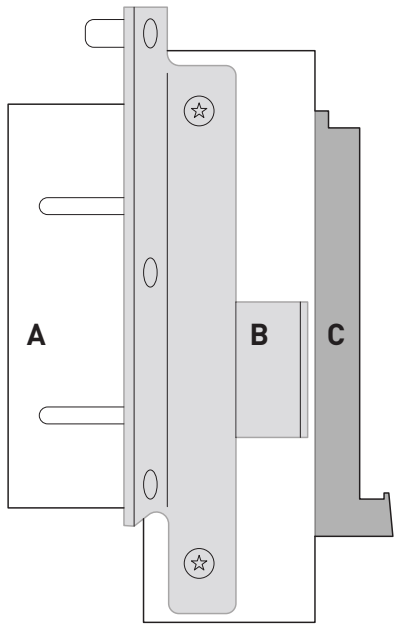


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

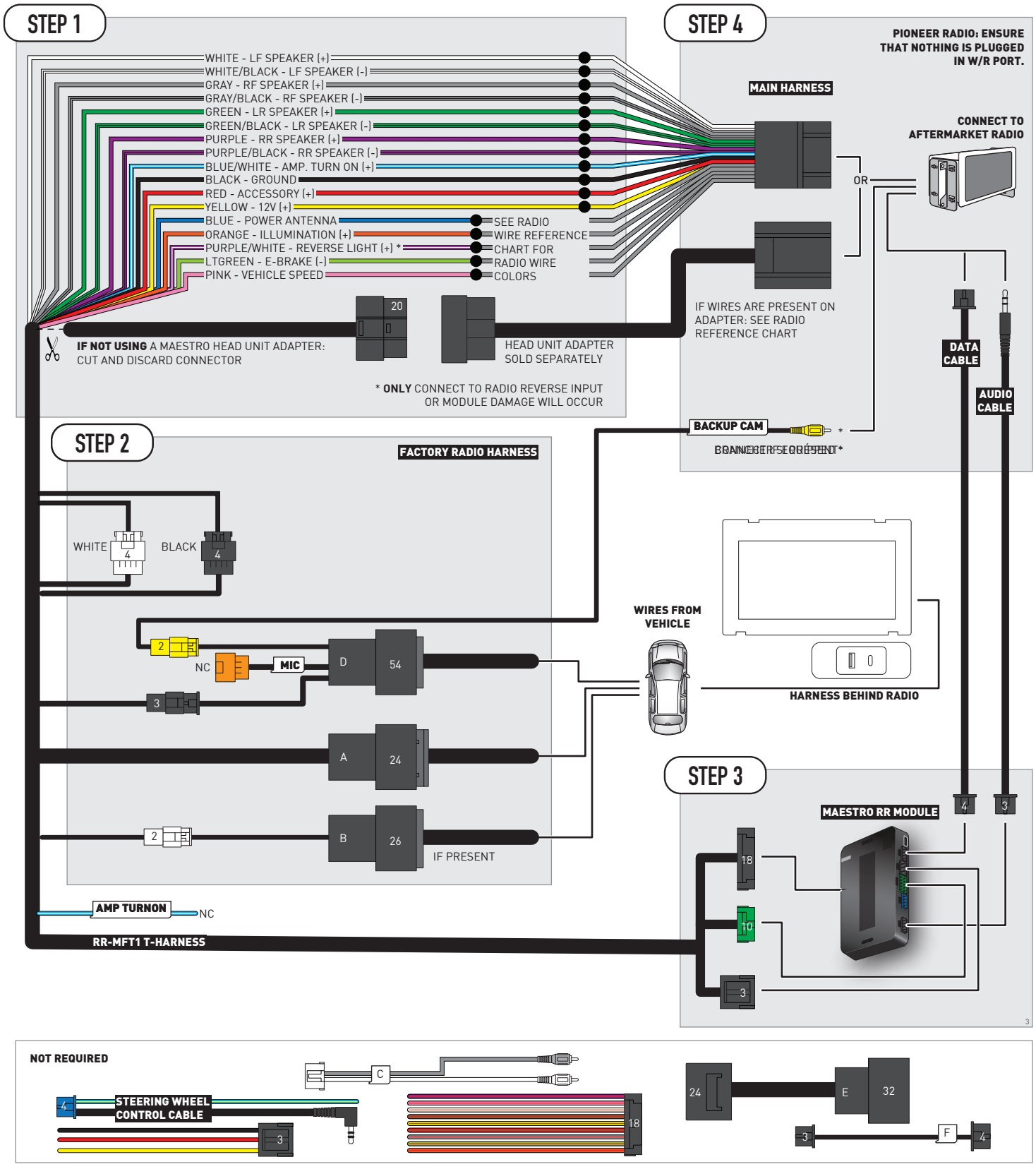
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2013-2016
FORD F SUPER DUTY
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

NOTE:

Temperature control module needs to be relocated to where the factory radio body was, metal brace at the top needs to be removed. (Fig. 1.5)

Requires shallow mount radio. Requires trimming.

1. Unclip the two (2) panels at the bottom of the factory bezel. (Fig. 1.1) Remove two (2) 7mm screws behind the panels. (Fig. 1.2)
2. Unclip and remove the radio and climate control panel. Unplug the connectors. (Fig. 1.3)
3. Remove four (4) screws holding the screen frame, and two (2) screws holding the radio body. (Fig. 1.4)
4. Remove and unplug the OEM screen. (Fig. 1.4)
5. Remove and unplug the OEM radio. (Fig. 1.4)
6. Remove the temperature control module. Relocate the module where the OEM radio was. (Fig. 1.5)
7. Cut and remove the metal brace at the top of the radio cavity. (Fig.1.5)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

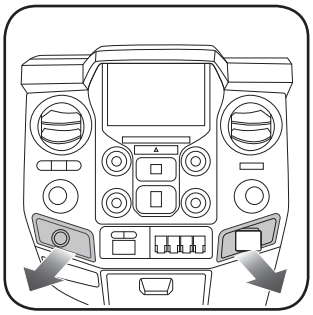


Fig. 1.1

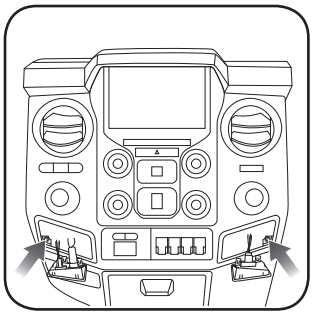


Fig. 1.2

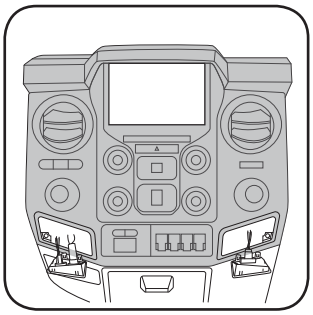


Fig. 1.3

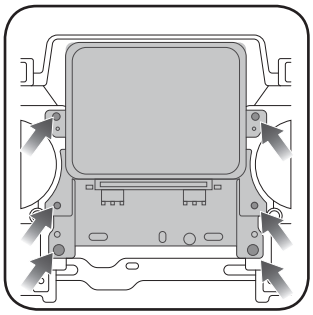


Fig. 1.4

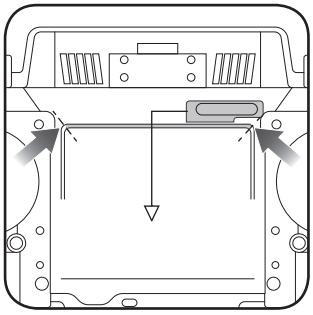


Fig. 1.5

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

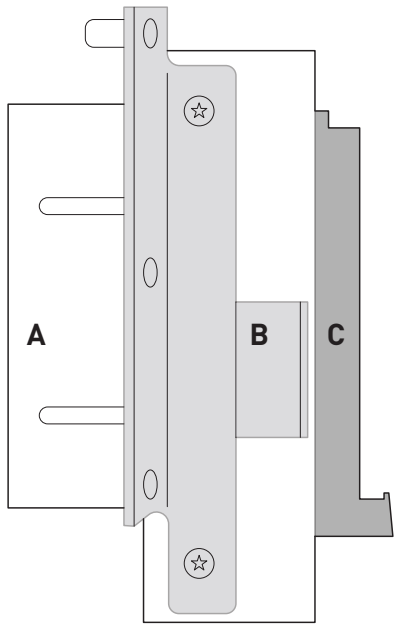


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

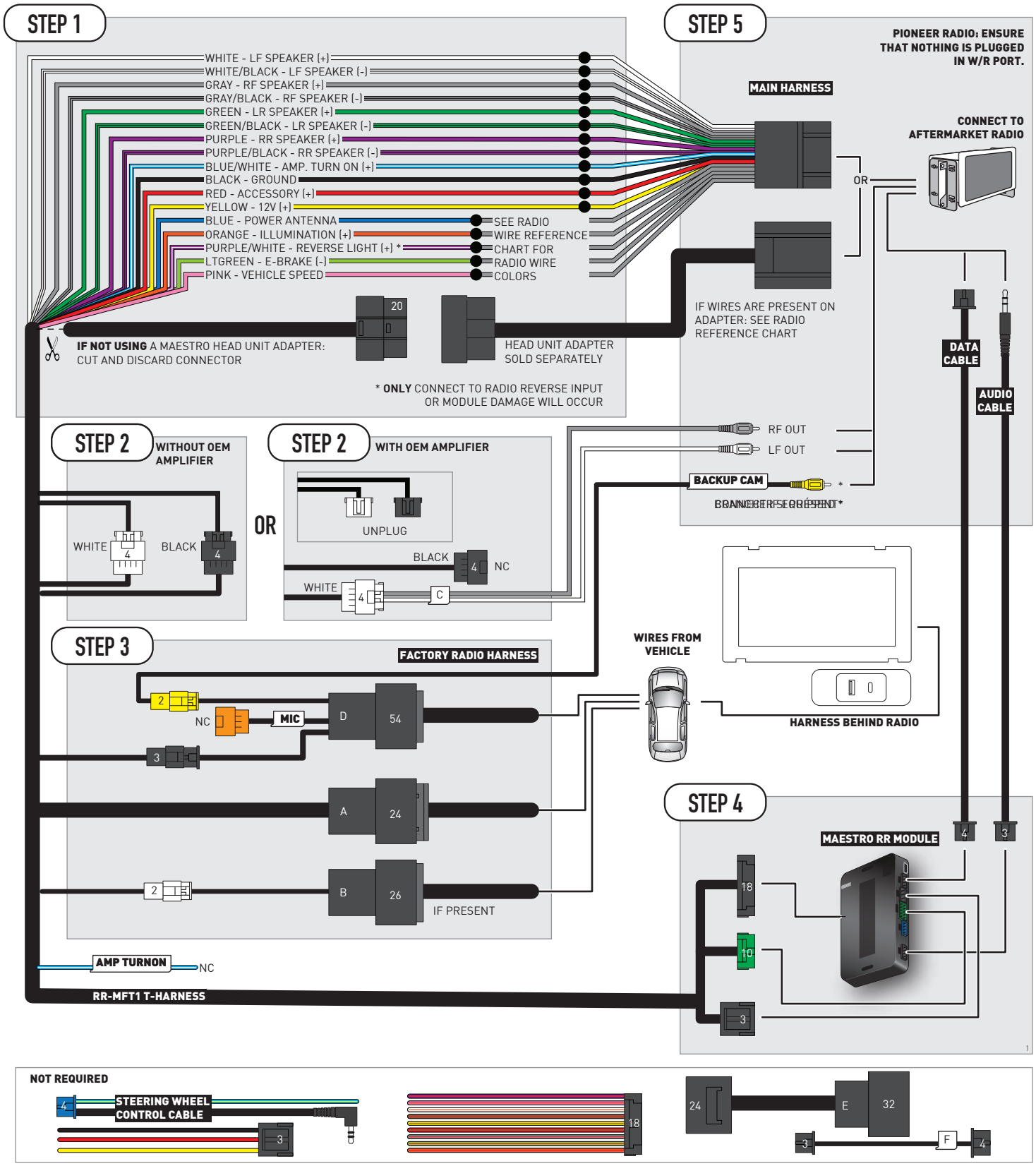
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2017-2019
FORD F SUPER DUTY
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. If the vehicle is equipped with a center channel speaker: Pop the speaker grille up (A), unscrew (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.0)
   If there is no center channel speaker: lift the rubber mat at the top of the dash (A), then remove (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.1)

2. Remove the (2) 7mm bolts from the top of the radio panel. Unclip the radio bezel, unplug its connectors, and remove the panel. (Fig. 2.0)

3. Remove the 7mm screws securing the factory screen and disconnect it. (Fig. 3.0)

4. Remove the (4) 7mm screws securing the radio module, then unplug and remove it. (Fig. 4.0)

5. **If using a shallow depth radio skip this step.** If a camera module is present remove the (3) 10mm nuts securing it. (Fig. 5.1) Relocate the camera module to the location where the factory radio body was, secure with tie wraps.

   Looking down, from the top of the dash, locate the (2) 8mm bolts securing the camera module's bracket and remove them. Remove the (2) 7mm bolts under the plastic of the top of the dash (bolts aren't visible).

   Work the metal bracket free from the sub-dash and remove it. (Fig. 5.1)

   Note: the bracket may be cut but this will prevent reinstalling OEM equipment.

   Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

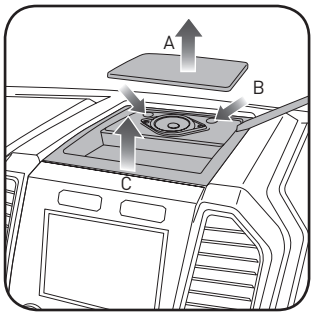
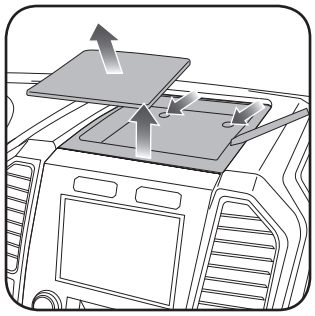


Fig. 1.0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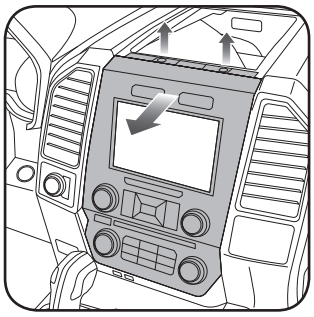
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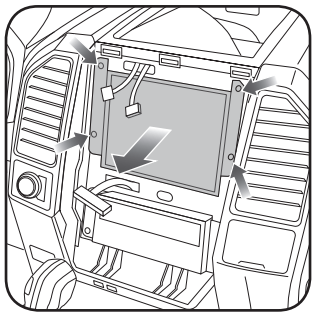


Fig. 3.0

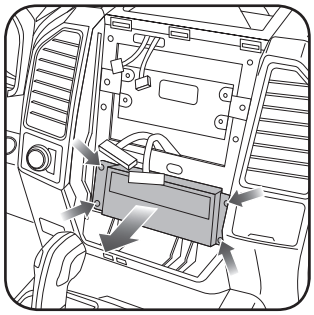


Fig. 4.0

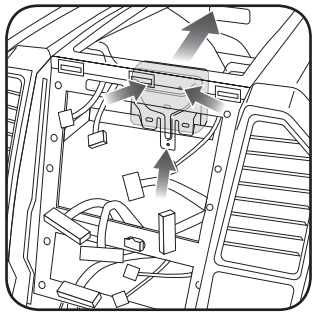


Fig. 5.0

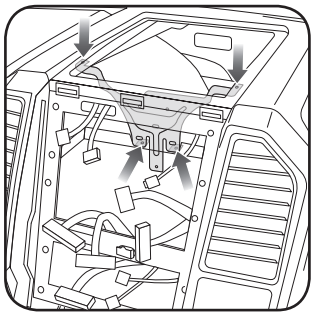


Fig. 5.1

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

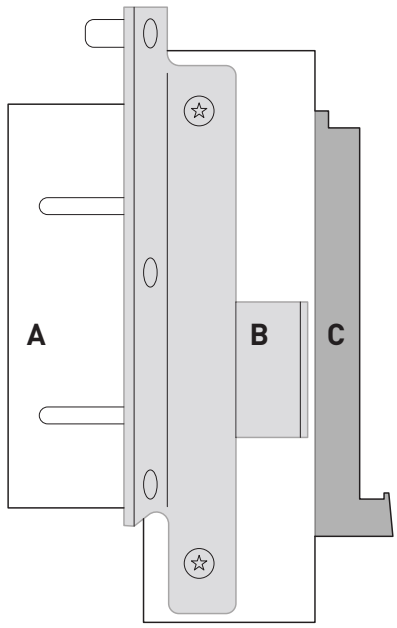


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

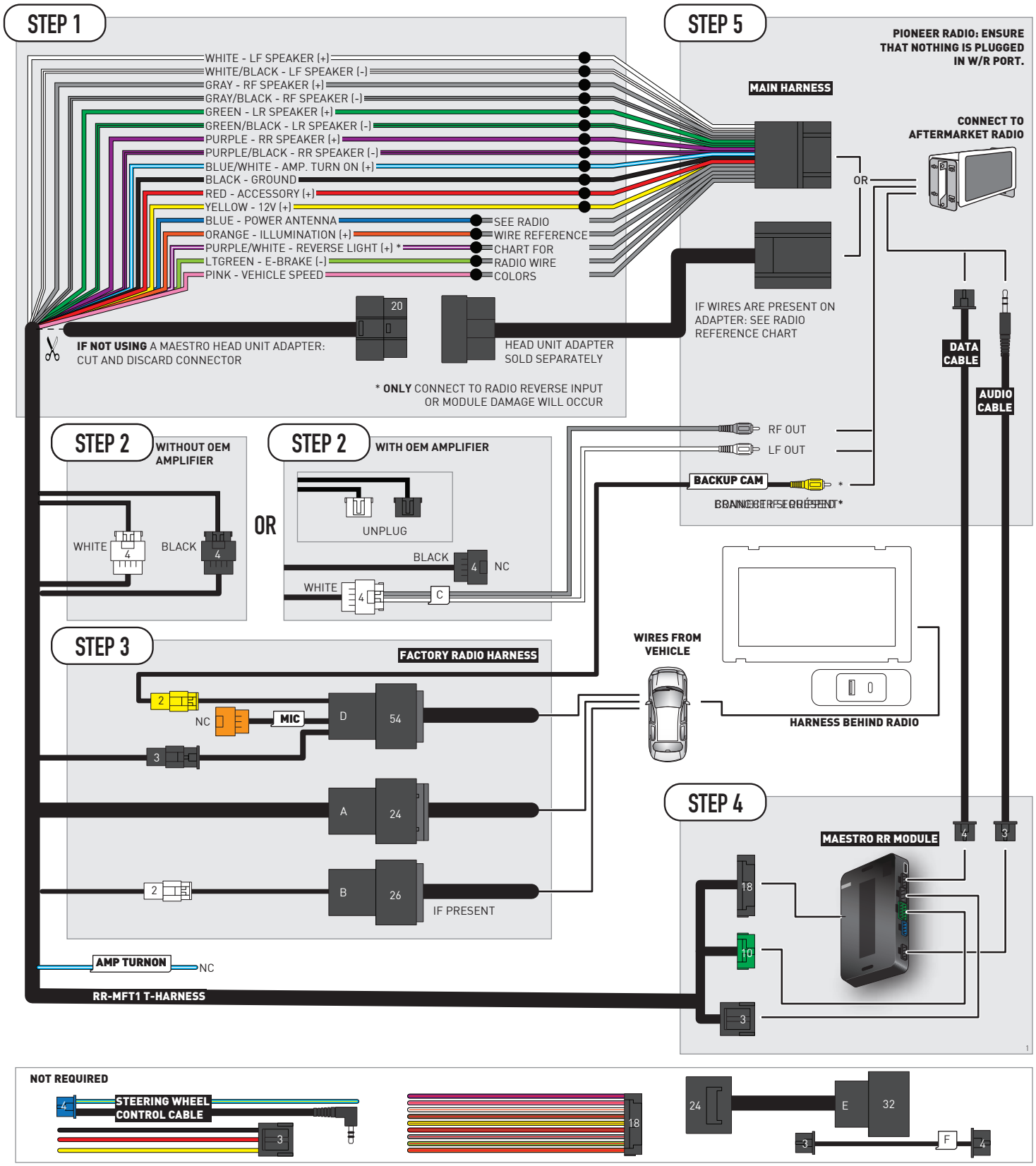
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2020
FORD F SUPER DUTY
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

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PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

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OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

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HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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

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1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

1. If the vehicle is equipped with a center channel speaker: Pop the speaker grille up (A), unscrew (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.0)
   If there is no center channel speaker: lift the rubber mat at the top of the dash (A), then remove (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.1)

2. Remove the (2) 7mm bolts from the top of the radio panel. Unclip the radio bezel, unplug its connectors, and remove the panel. (Fig. 2.0)

3. Remove the 7mm screws securing the factory screen and disconnect it. (Fig. 3.0)

4. Remove the (4) 7mm screws securing the radio module, then unplug and remove it. (Fig. 4.0)

5. **If using a shallow depth radio skip this step.** If a camera module is present remove the (3) 10mm nuts securing it. (Fig. 5.1) Relocate the camera module to the location where the factory radio body was, secure with tie wraps.

   Looking down, from the top of the dash, locate the (2) 8mm bolts securing the camera module's bracket and remove them. Remove the (2) 7mm bolts under the plastic of the top of the dash (bolts aren't visible).

   Work the metal bracket free from the sub-dash and remove it. (Fig. 5.1)

   Note: the bracket may be cut but this will prevent reinstalling OEM equipment.

   Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

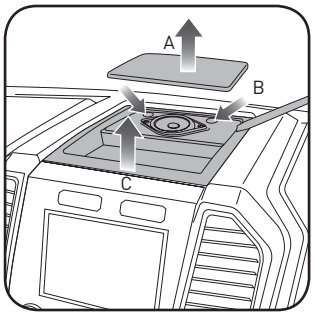


Fig. 1.0

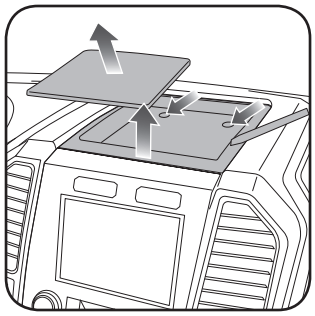


Fig. 1.1

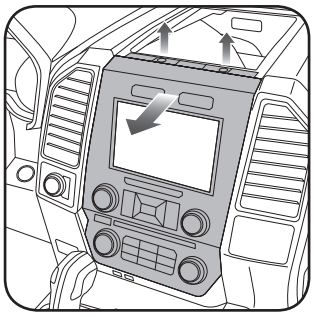


Fig. 2.0

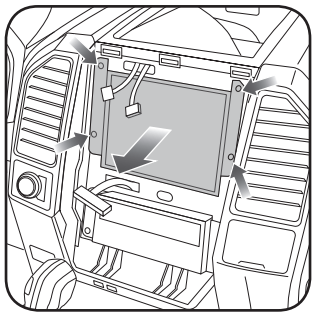


Fig. 3.0

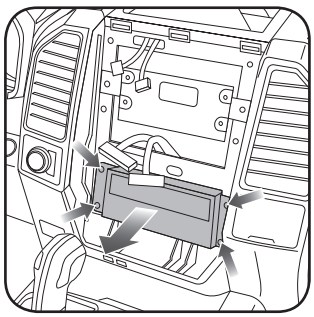


Fig. 4.0

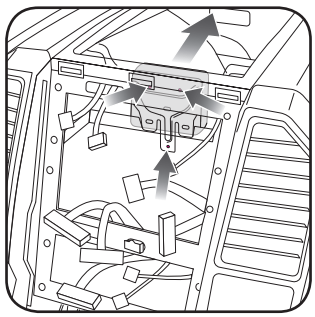


Fig. 5.0

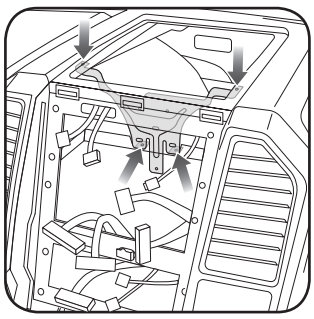


Fig. 5.1

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

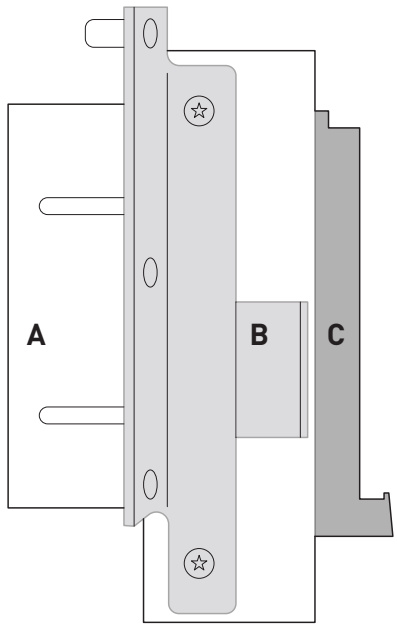


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

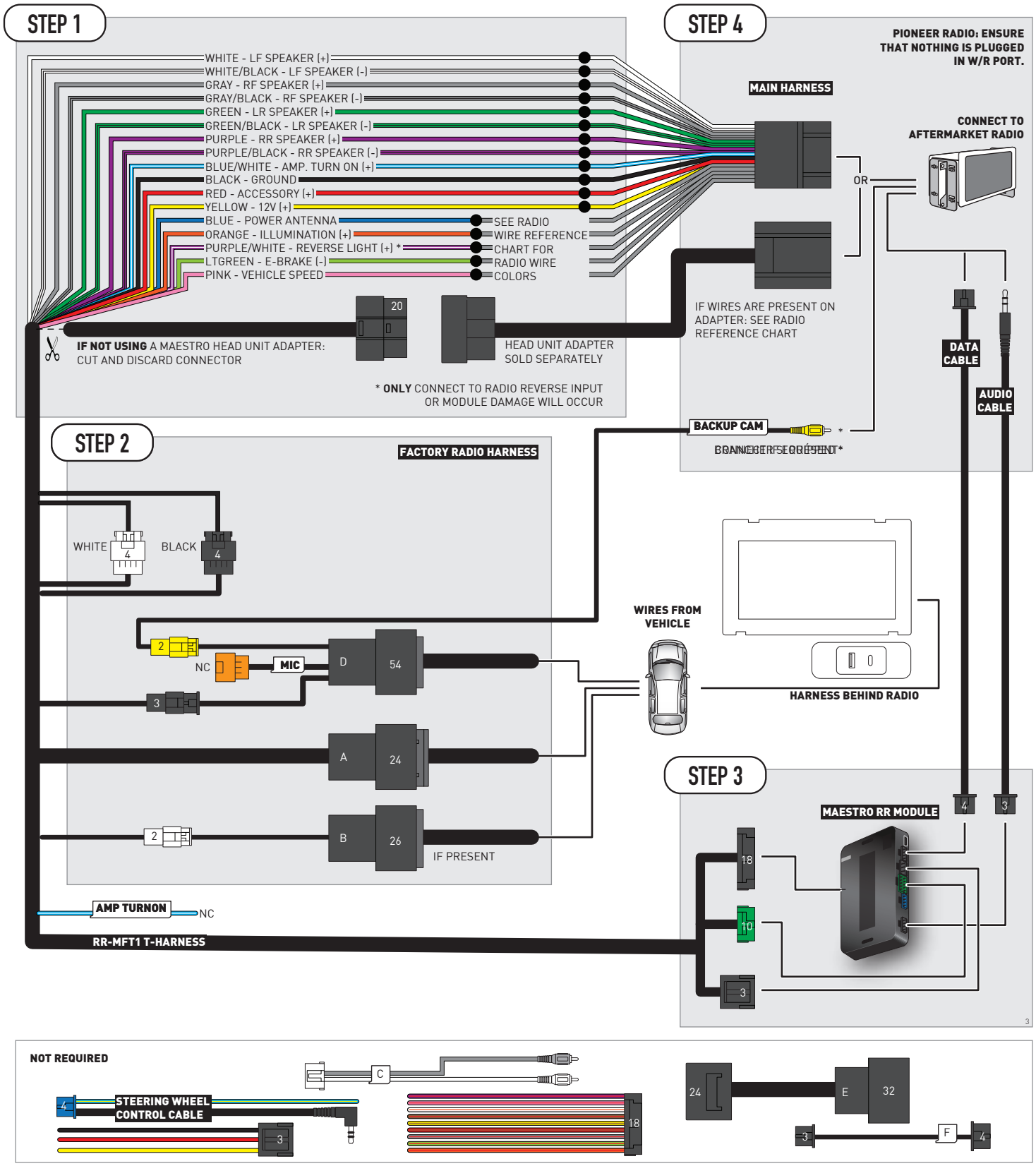
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2021
FORD F SUPER DUTY
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

BEFORE INSTALLING

FO3 adapter is required to complete this install.

DASH DISASSEMBLY

1. If the vehicle is equipped with a center channel speaker: Pop the speaker grille up (A), unscrew (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.0)
   If there is no center channel speaker: lift the rubber mat at the top of the dash (A), then remove (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.1)

2. Remove the (2) 7mm bolts from the top of the radio panel. Unclip the radio bezel, unplug its connectors, and remove the panel. (Fig. 2.0)

3. Remove the 7mm screws securing the factory screen and disconnect it. (Fig. 3.0)

4. Remove the (4) 7mm screws securing the radio module, then unplug and remove it. (Fig. 4.0)

5. **If using a shallow depth radio skip this step.** If a camera module is present remove the (3) 10mm nuts securing it. (Fig. 5.1) Relocate the camera module to the location where the factory radio body was, secure with tie wraps.

   Looking down, from the top of the dash, locate the (2) 8mm bolts securing the camera module's bracket and remove them. Remove the (2) 7mm bolts under the plastic of the top of the dash (bolts aren't visible).

   Work the metal bracket free from the sub-dash and remove it. (Fig. 5.1)

   Note: the bracket may be cut but this will prevent reinstalling OEM equipment.

   Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

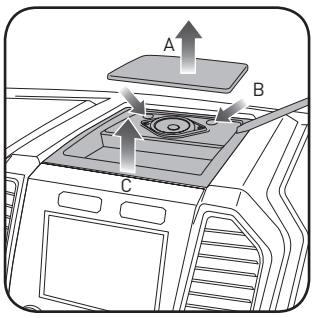


Fig. 1.0

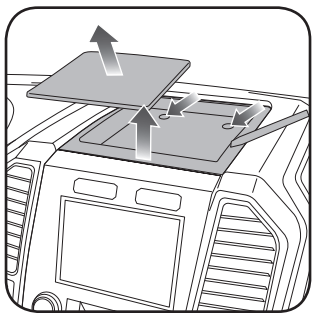


Fig. 1.1

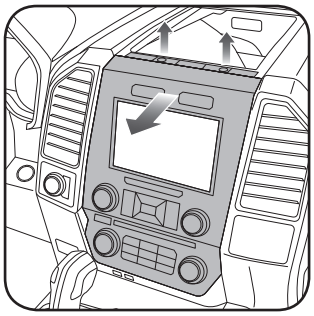


Fig. 2.0

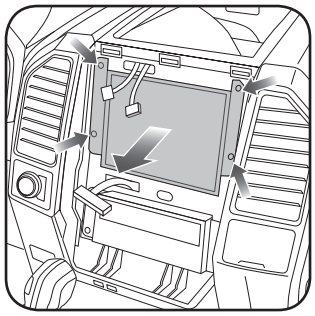


Fig. 3.0

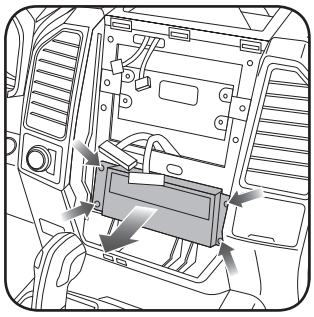


Fig. 4.0

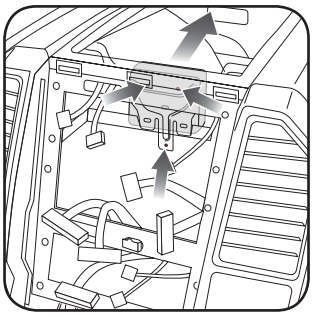


Fig. 5.0

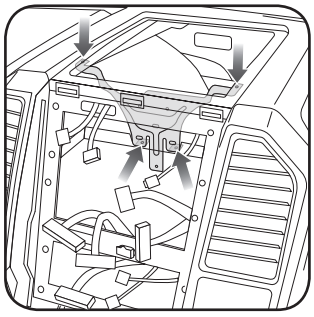


Fig. 5.1

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

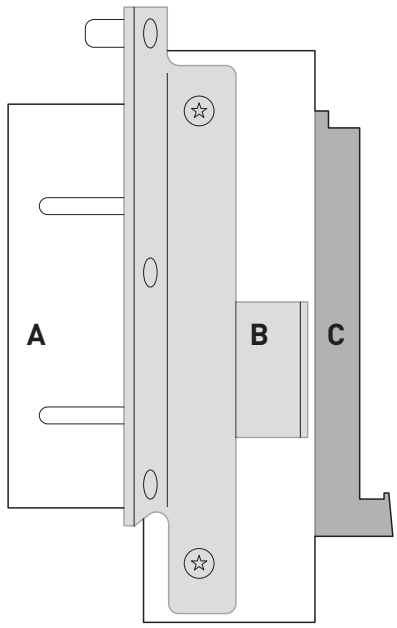


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, D and E** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

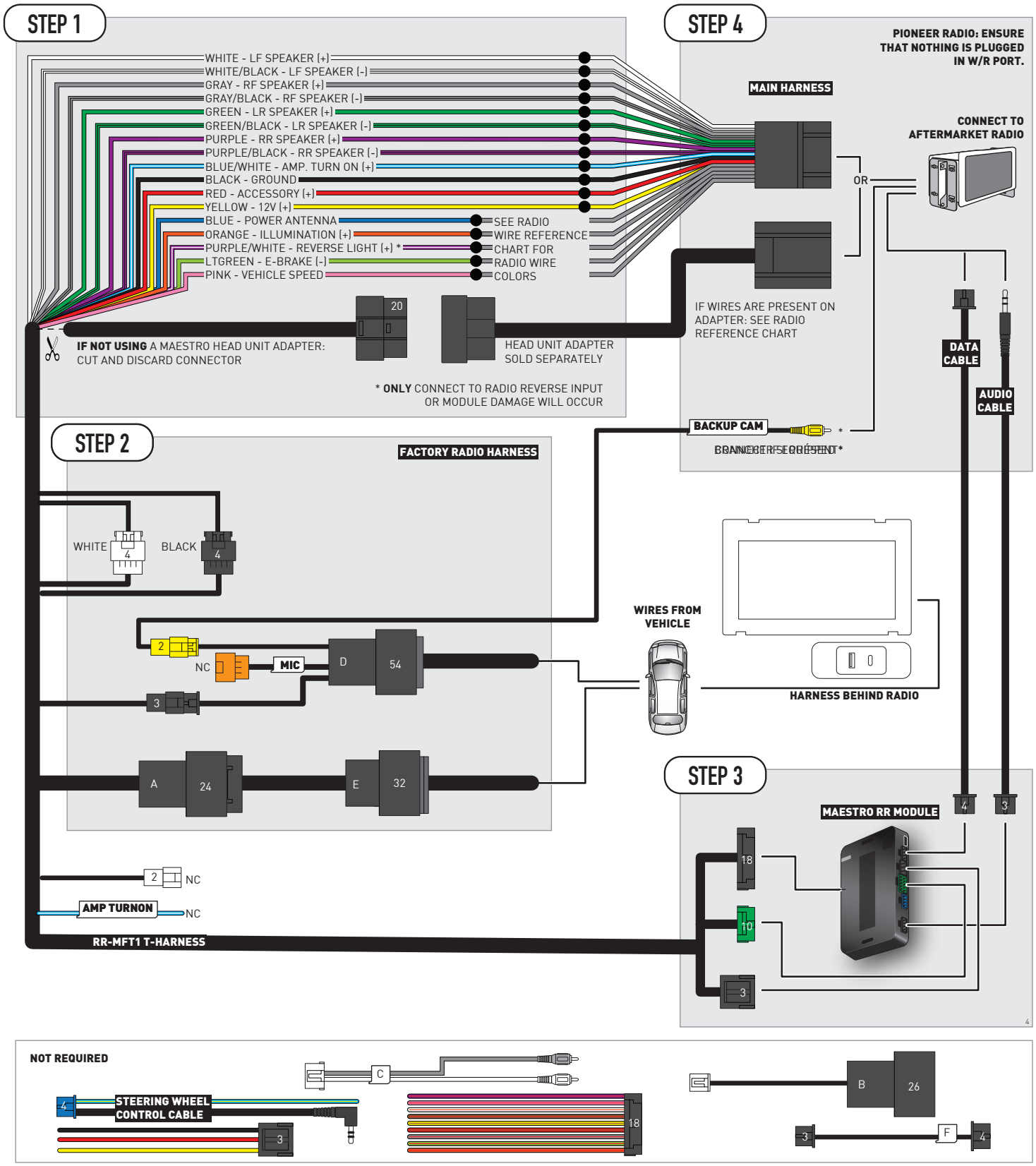
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2013-2014
FORD F-150
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

VEHICLE DASH DISASSEMBLY

NOTE:

Top bracket needs to be bent up or removed, rear radio hanger bracket needs to be cut off or bent back.

1. On passenger side of the vehicle, open the glove box and push the side tabs toward each other to release glove box. Extract (3) 8mm bolts to release the airbag. (1.1) (1.2)
2. Without disconnecting the airbag, push it out far enough to expose the copper-plated 7mm screw on the left side of the airbag and extract it. (1.3)
3. Remove the instrument cluster cover by removing (2) 7mm screws. (1.4)
4. Remove both side vent covers (1.4).
5. Remove the radio bezel by extracting (2) 7mm screws from the top and (2) 7mm screws from the bottom. (1.5) (1.6)
6. Remove (8) 7mm screws from the factory display and radio; Remove both. (1.7)
7. Cut and remove the metal bracket at the top of the radio cavity, behind OEM screen. (1.8)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

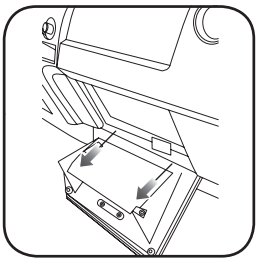


Fig. 1.1

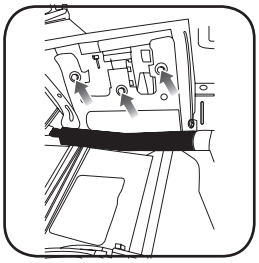


Fig. 1.2

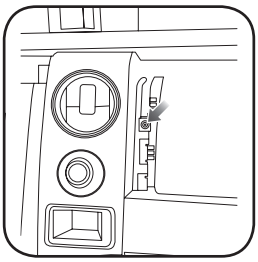


Fig. 1.3


Fig. 1.4

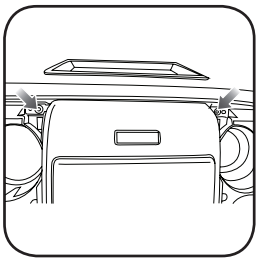


Fig. 1.5

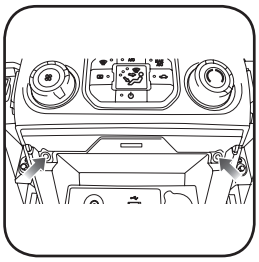


Fig. 1.6

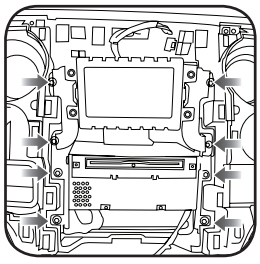


Fig. 1.7

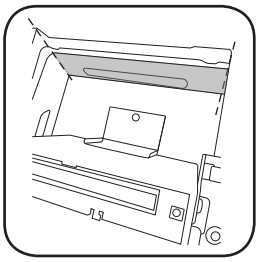


Fig. 1.8

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

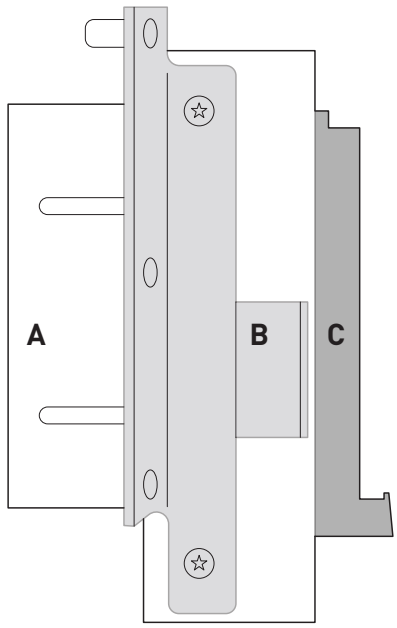


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

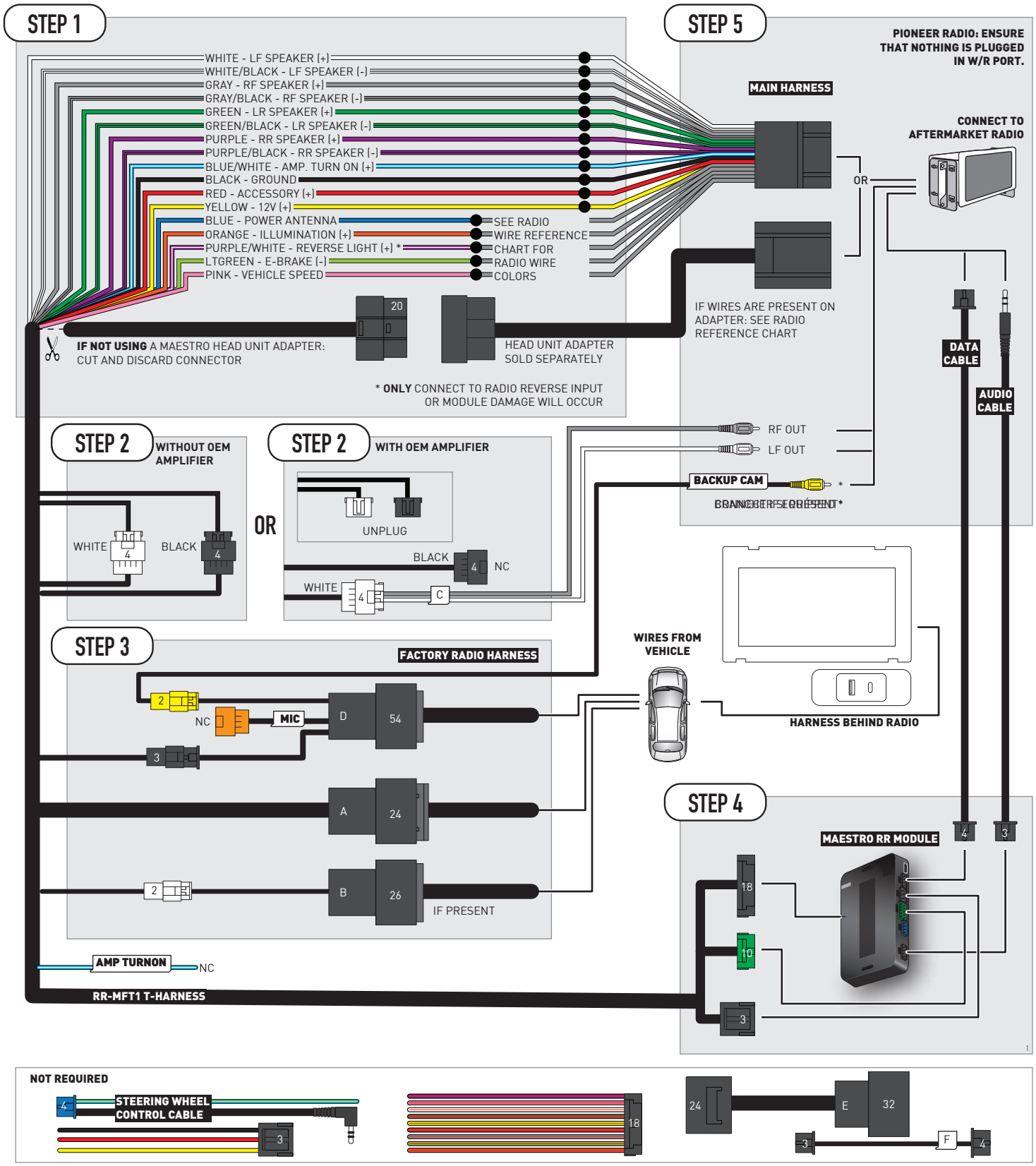
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
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VIDEO HELP		Installation, product information, vehicle specific videos.
VERIFY FLASH		Last flash information, steering control configuration, vehicle information.
WEBLINK		Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2015-2017
FORD F-150
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

1. If the vehicle is equipped with a center channel speaker: Pop the speaker grille up (A), unscrew (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.0)
   If there is no center channel speaker: lift the rubber mat at the top of the dash (A), then remove (2) 7mm bolts from the tray (B), and remove it (C). (Fig. 1.1)

2. Remove the (2) 7mm bolts from the top of the radio panel. Unclip the radio bezel, unplug its connectors, and remove the panel. (Fig. 2.0)

3. Remove the 7mm screws securing the factory screen and disconnect it. (Fig. 3.0)

4. Remove the (4) 7mm screws securing the radio module, then unplug and remove it. (Fig. 4.0)

5. **If using a shallow depth radio skip this step.** If a camera module is present remove the (3) 10mm nuts securing it. (Fig. 5.1) Relocate the camera module to the location where the factory radio body was, secure with tie wraps.

   Looking down, from the top of the dash, locate the (2) 8mm bolts securing the camera module's bracket and remove them. Remove the (2) 7mm bolts under the plastic of the top of the dash (bolts aren't visible).

   Work the metal bracket free from the sub-dash and remove it. (Fig. 5.1)

   Note: the bracket may be cut but this will prevent reinstalling OEM equipment.

   Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

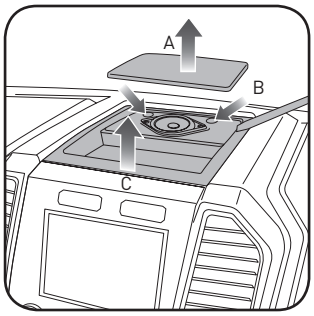
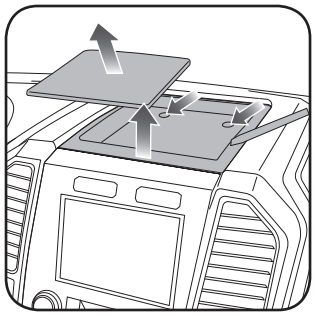


Fig. 1.0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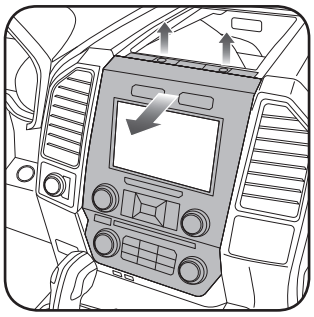
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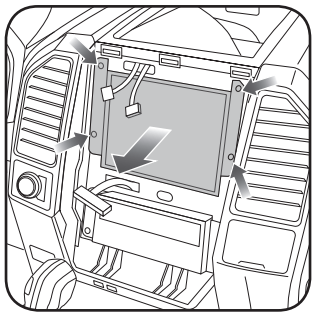
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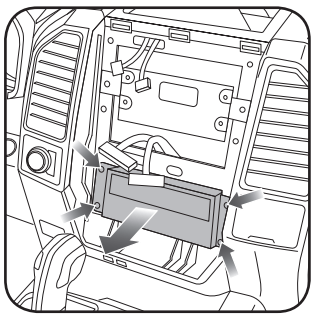
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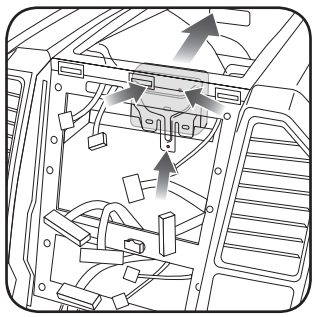
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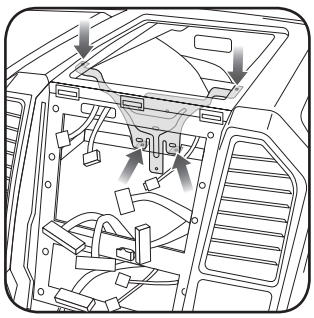


Fig. 5.1

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

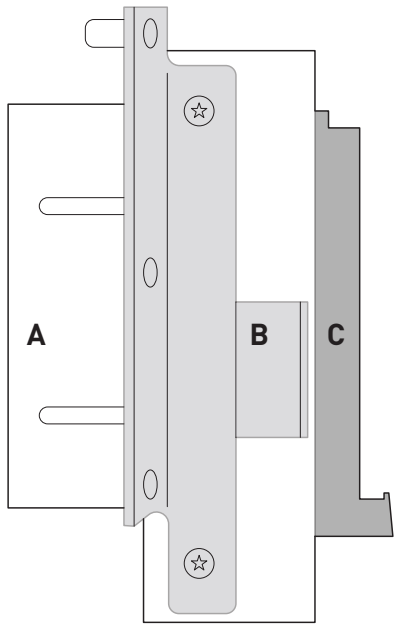


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

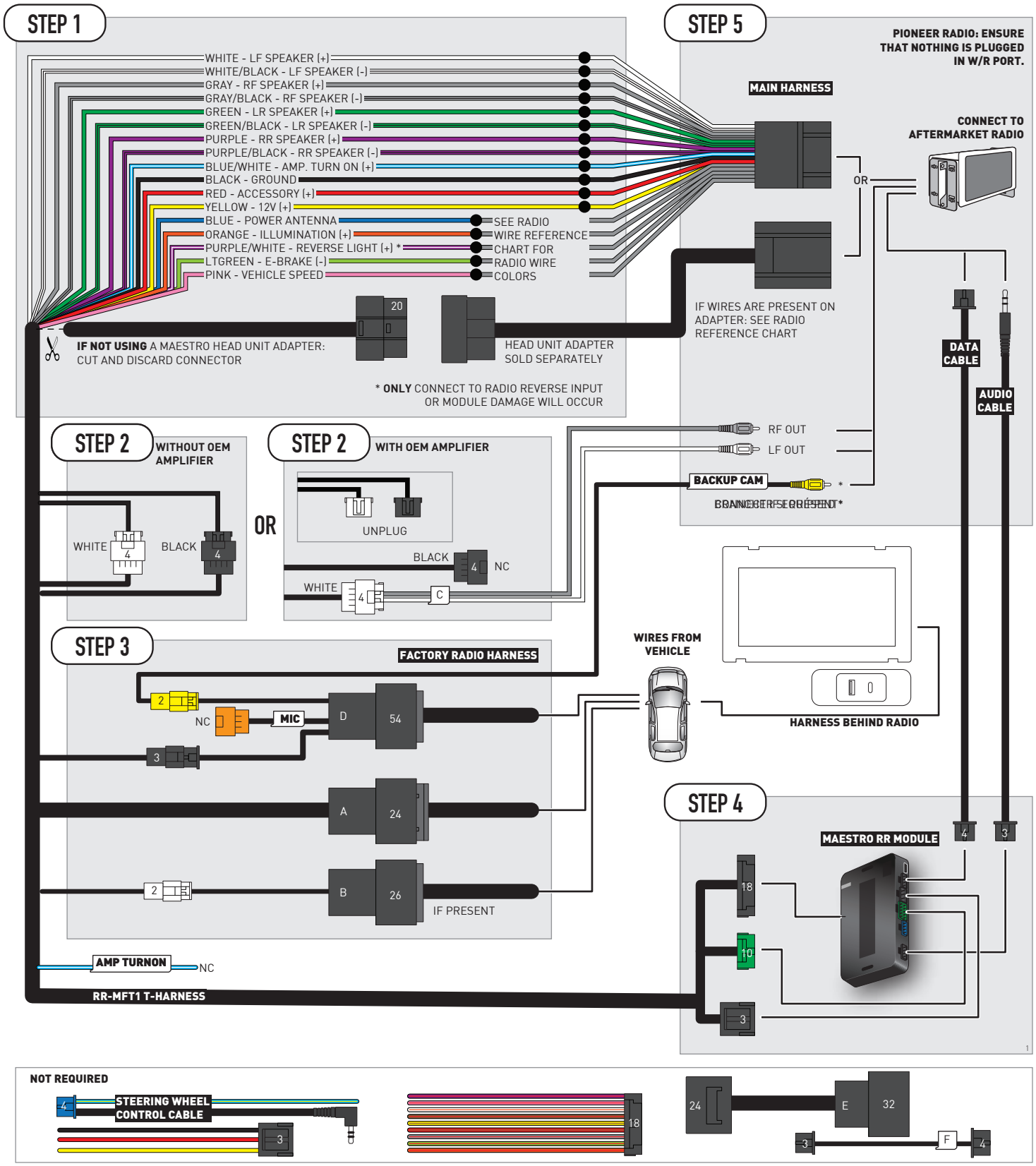
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2018-2020
FORD F-150
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

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2. Remove the (2) 7mm bolts from the top of the radio panel. Unclip the radio bezel, unplug its connectors, and remove the panel. (Fig. 2.0)

3. Remove the 7mm screws securing the factory screen and disconnect it. (Fig. 3.0)

4. Remove the (4) 7mm screws securing the radio module, then unplug and remove it. (Fig. 4.0)

5. **If using a shallow depth radio skip this step.** If a camera module is present remove the (3) 10mm nuts securing it. (Fig. 5.1) Relocate the camera module to the location where the factory radio body was, secure with tie wraps.

   Looking down, from the top of the dash, locate the (2) 8mm bolts securing the camera module's bracket and remove them. Remove the (2) 7mm bolts under the plastic of the top of the dash (bolts aren't visible).

   Work the metal bracket free from the sub-dash and remove it. (Fig. 5.1)

   Note: the bracket may be cut but this will prevent reinstalling OEM equipment.

   Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

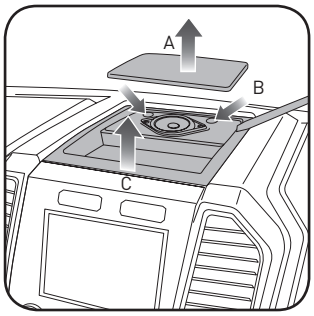
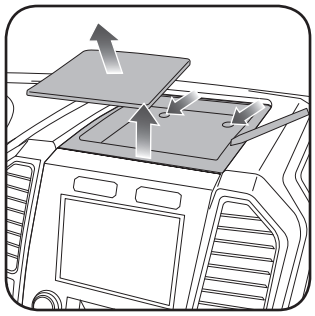


Fig. 1.0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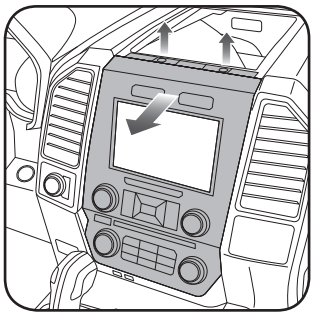
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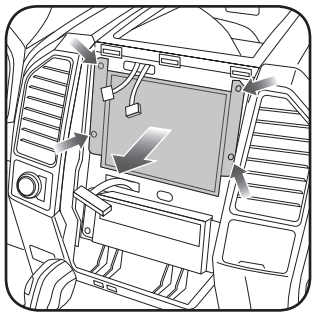
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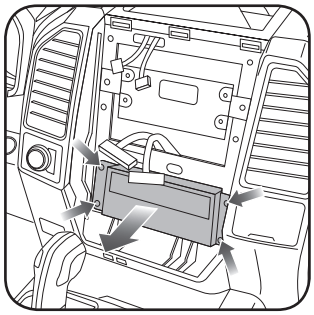
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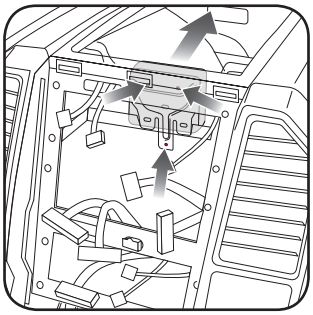
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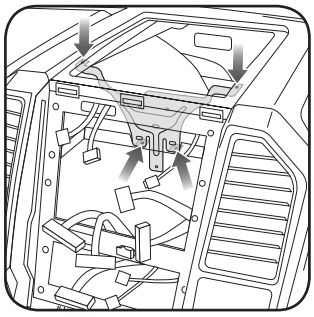


Fig. 5.1

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

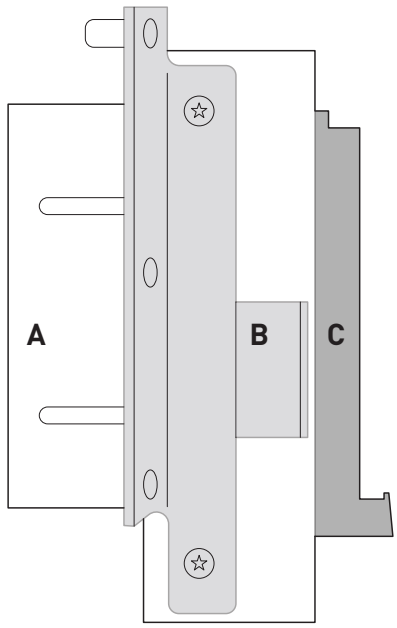


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

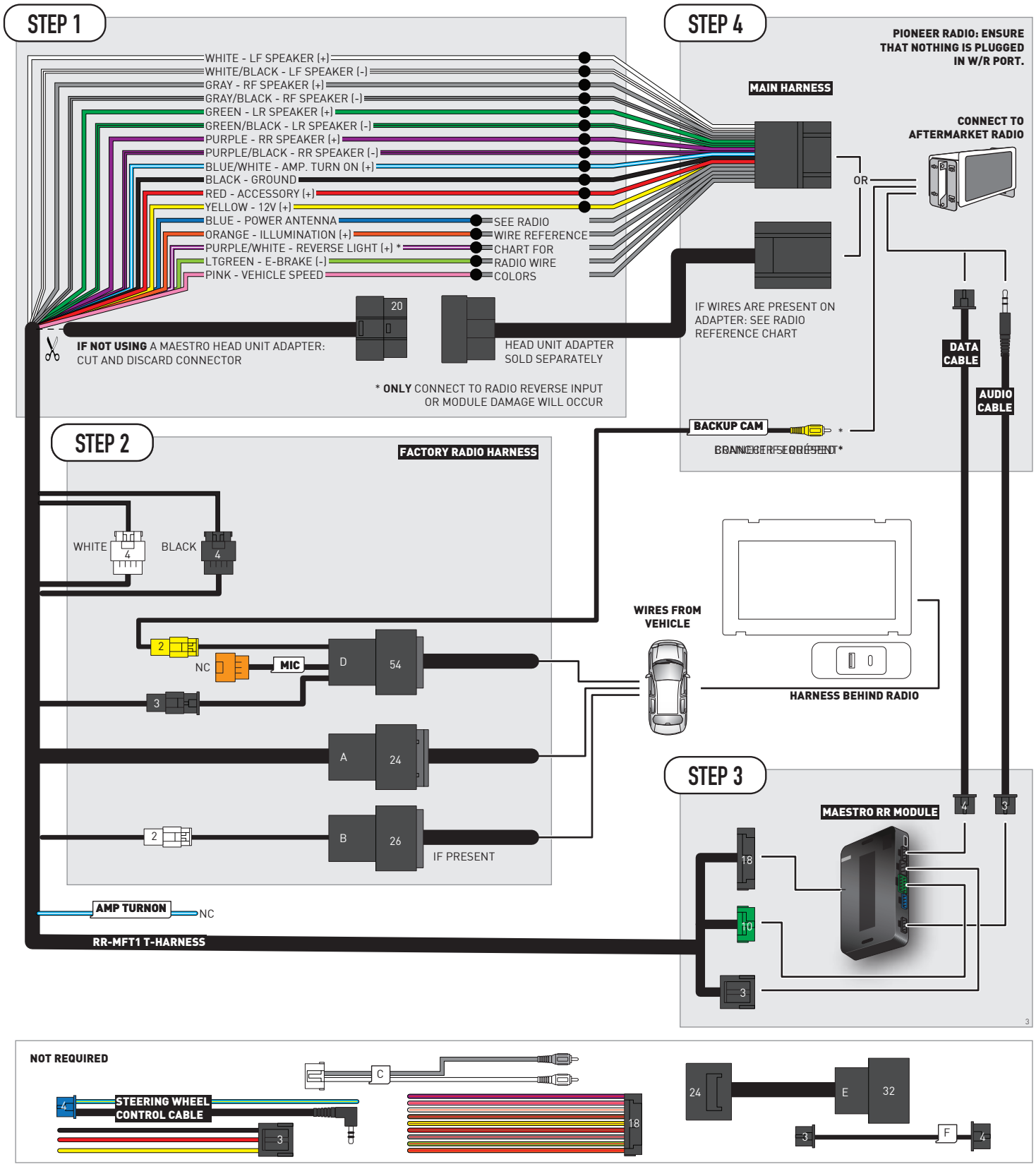
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



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

Head unit adapter wiring (optional accessory, sold separately)

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

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WEBLINK		Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
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MAESTRO RR RESET PROCEDURE:

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

2013-2019
FORD FLEX
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INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Unclip and remove the shifter bezel (Fig. 1.1)
2. Unclip and remove the trim above the radio and glove box. (Fig. 1.2) Remove two (2) 7mm screws behind the trim. (Fig. 1.3)
3. Remove the panels on each side of the center console, exposing (1) 7mm screw on each side. Remove the two (2) screws. (Fig. 1.4)
4. Unclip, remove and unplug the radio bezel. (Fig. 1.5)
5. Remove four (4) screws holding the screen frame, remove and unplug the OEM screen. (Fig. 1.6)
6. Remove four (4) screws holding the radio body, remove and unplug the radio. (Fig. 1.7)
7. Trim the plastic behind the OEM screen. (Fig. 1.8)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

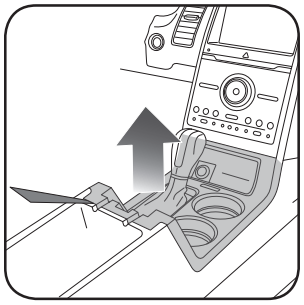
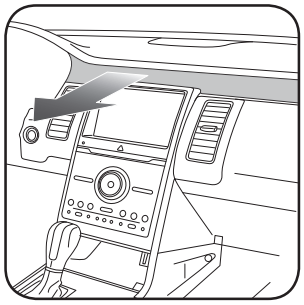


Fig. 1.1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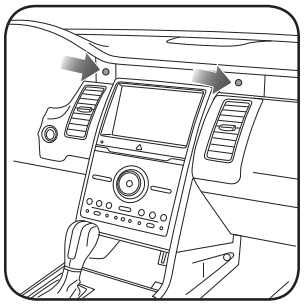
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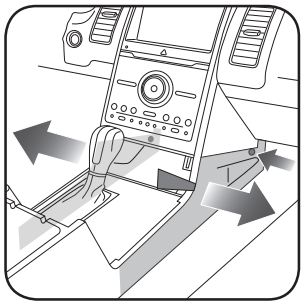
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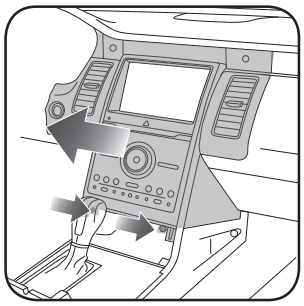


Fig. 1.5

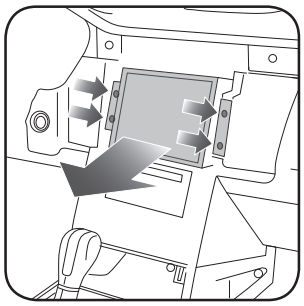


Fig. 1.6

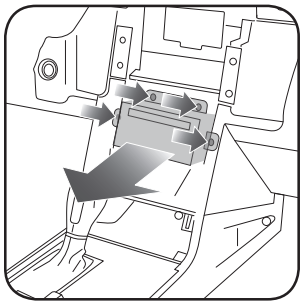


Fig. 1.7

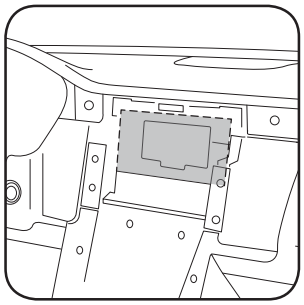


Fig. 1.8

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

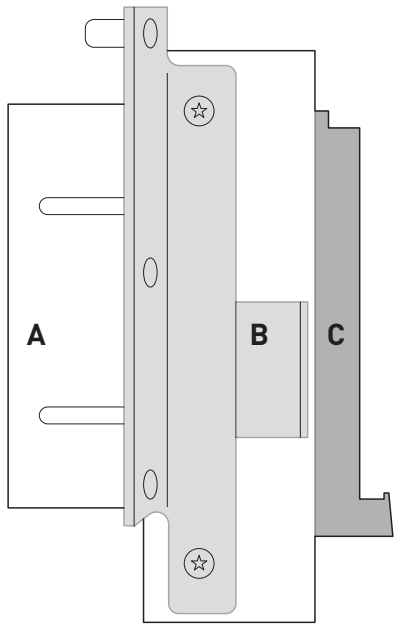


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

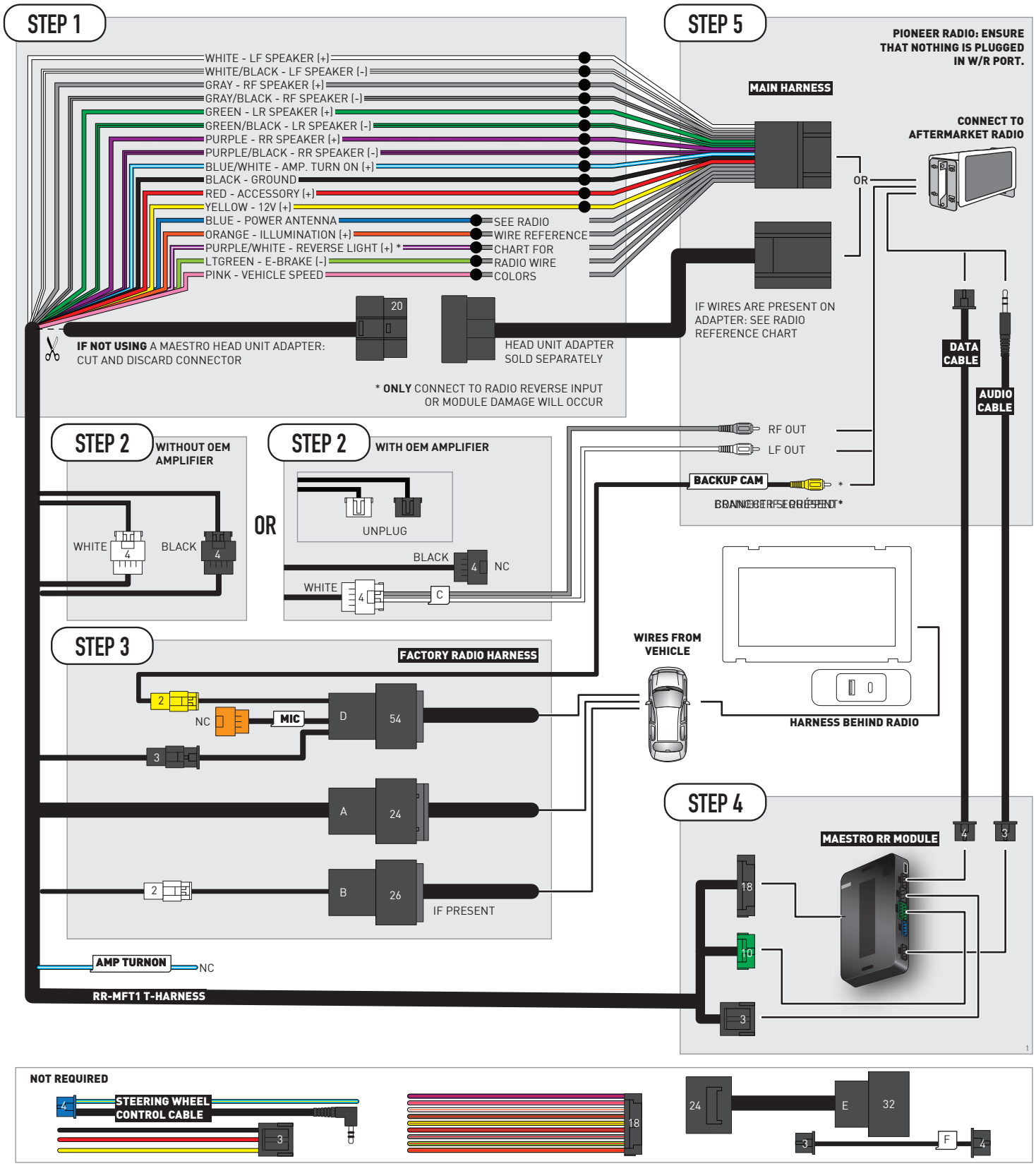
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2013-2016
FORD FUSION
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

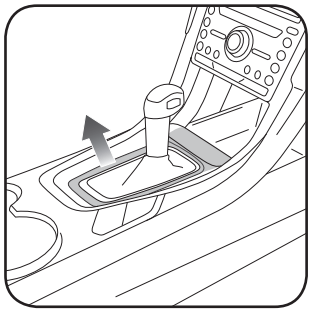
maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Unclip and remove the shifter trim panel. (Fig. 1.1)
2. Unclip and remove the U-shaped trim at the rear of shifter. (Fig. 1.2)
3. (2017 and subsequent models ONLY): unclip and remove the side panels of the center console. Remove the screws exposed. (Fig. 1.3)
4. Unclip and remove the trim surrounding the center dash. (Fig. 1.4)
5. Remove two (2) 7mm screws holding the radio and control panel. Unclip, remove and unplug the radio and control panel. (Fig. 1.5)
6. Remove four (4) 7mm screws holding the OEM screen. Remove and unplug the screen. (Fig. 1.6)
7. Remove two (2) 7mm screws holding OEM the radio. Remove and unplug the radio. (Fig. 1.6)
8. Trim the plastic behind the OEM screen. (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.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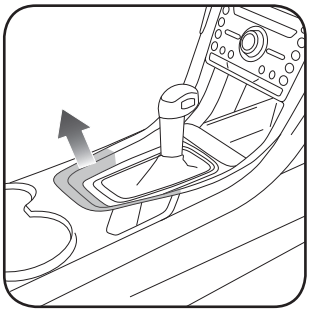
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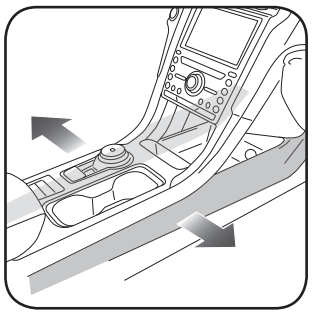
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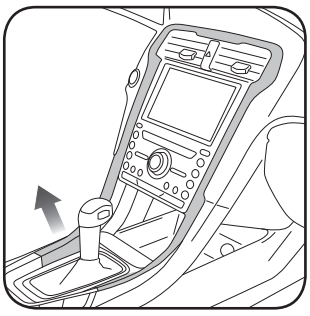
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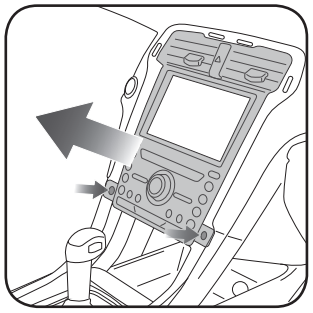


Fig. 1.5


Fig. 1.6

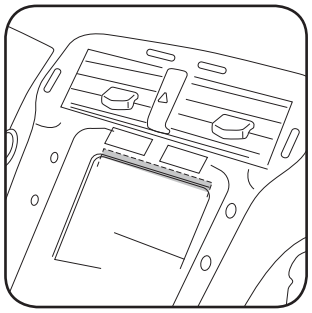


Fig. 1.7

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

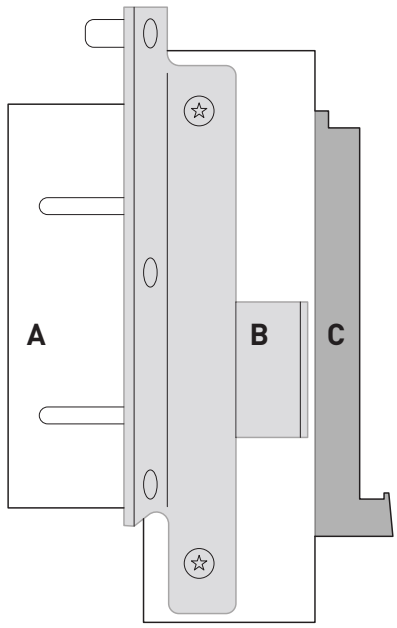


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

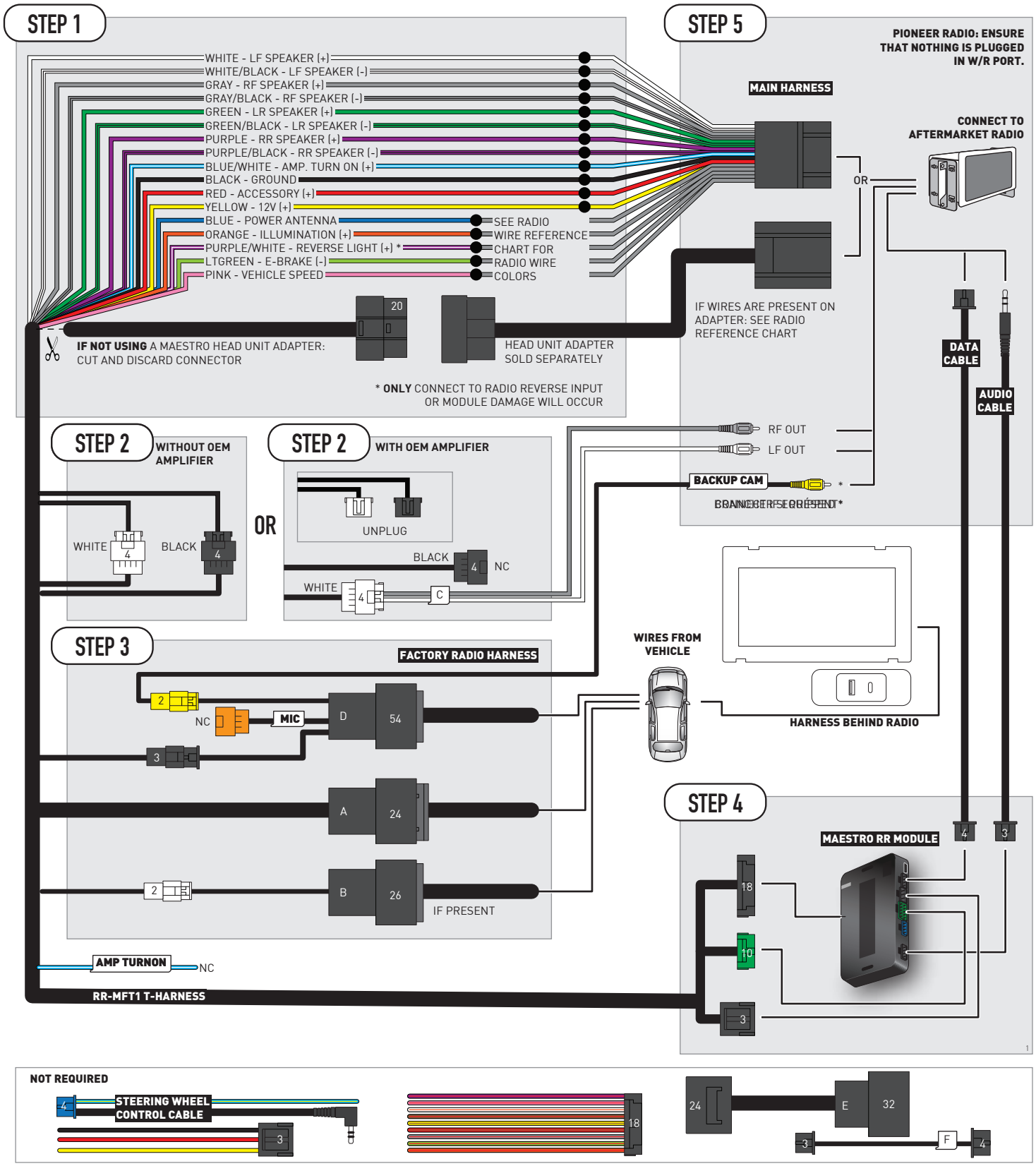
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2017-2019
FORD FUSION
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

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2. Unclip and remove the U-shaped trim at the rear of shifter. (Fig. 1.2)
3. (2017 and subsequent models ONLY): unclip and remove the side panels of the center console. Remove the screws exposed. (Fig. 1.3)
4. Unclip and remove the trim surrounding the center dash. (Fig. 1.4)
5. Remove two (2) 7mm screws holding the radio and control panel. Unclip, remove and unplug the radio and control panel. (Fig. 1.5)
6. Remove four (4) 7mm screws holding the OEM screen. Remove and unplug the screen. (Fig. 1.6)
7. Remove two (2) 7mm screws holding OEM the radio. Remove and unplug the radio. (Fig. 1.6)
8. Trim the plastic behind the OEM screen. (Fig. 1.7)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

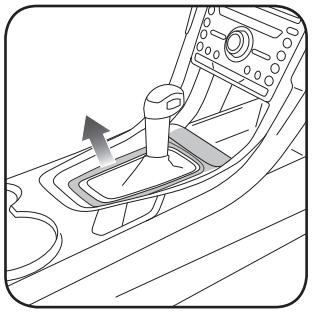


Fig. 1.1

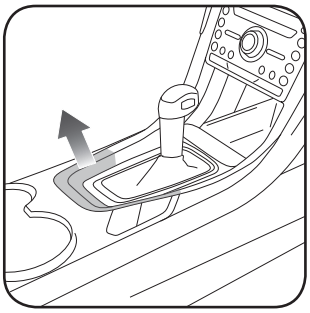
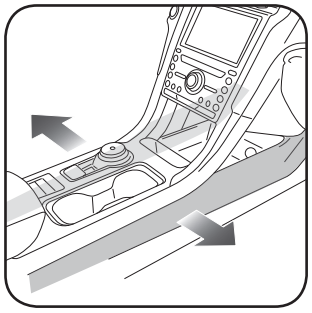


Fig. 1.2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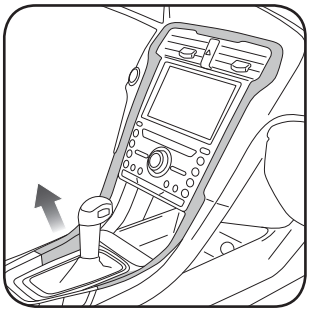


Fig. 1.4

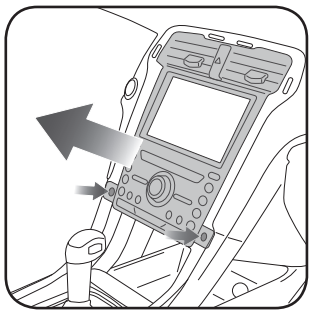


Fig. 1.5


Fig. 1.6

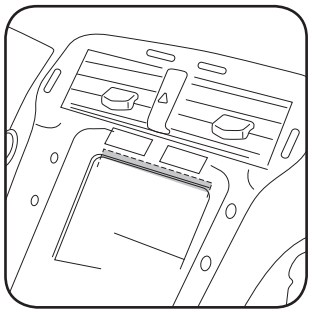


Fig. 1.7

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

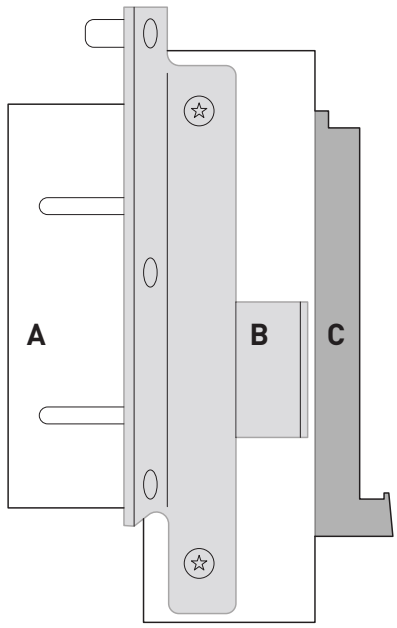


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

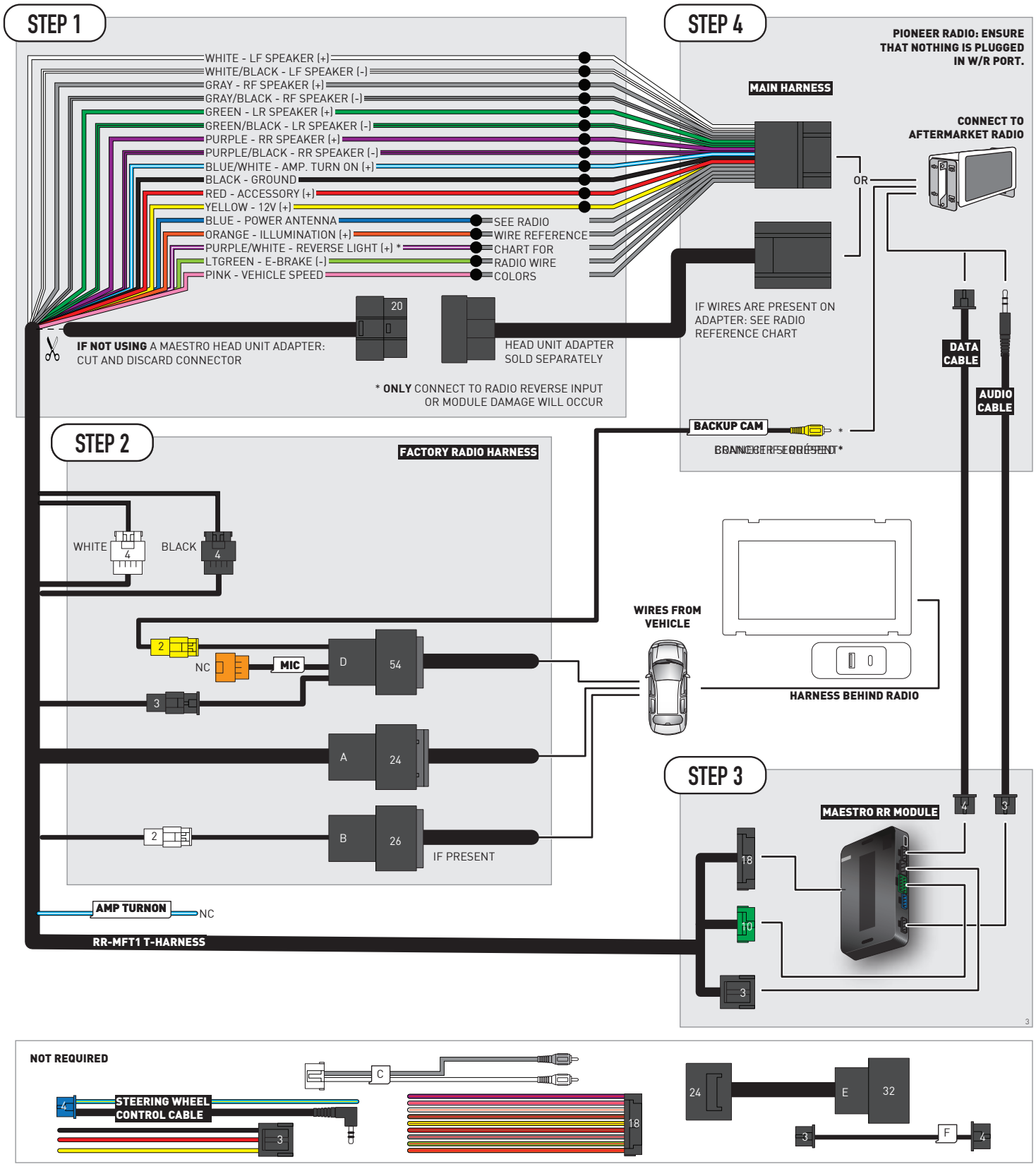
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2019
FORD MUSTANG
WITH MYFORD TOUCH WITH B&O AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Open the passenger door. Unclip and remove trim panel from the side of dash. (Fig. 1.1-A)
2. Open the glove box. Unclip and remove trim panel on the right. (Fig. 1.1-B)
3. Unclip and remove the (vent) dash panel. (Fig. 1.1-C)
4. Remove the tray cover in front of shifter and remove the two (2) 7mm screws. (Fig.1.2)
5. Unclip and remove the front side panels from the center console and remove four (4) 7mm screws under the panels. (Fig. 1.3)
6. Unclip the shifter bezel trim and pull it slightly. Open the center console storage compartment. Unclip the center console trim panel and slide it toward the rear of vehicle. (Fig. 1.4)
7. Remove the plastic tray in front of shifter. Remove the plastic trim at the bottom of center dash panel. (Fig. 1.5)
8. Remove four (4) 7mm screws holding the trim radio panel. Unclip, remove and unplug the radio panel. (Fig. 1.6)
9. Remove four (4) 7mm screws holding the radio. Remove four (4) 7mm screws holding the screen frame. Remove and unplug the OEM screen and radio. (Fig. 1.7)
10. Remove three (3) 7mm screws holding the Sync module and remove it (if applicable). (Fig. 1.8)
11. Cut and remove back panel in radio cavity behind the screen. (Fig. 1.9)

Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

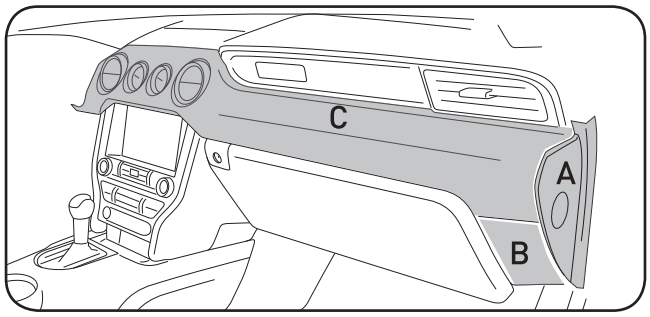
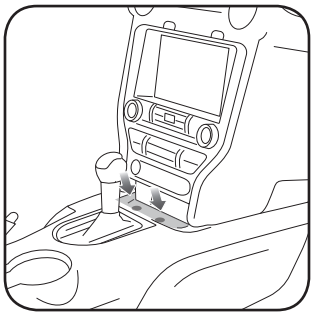


Fig. 1.1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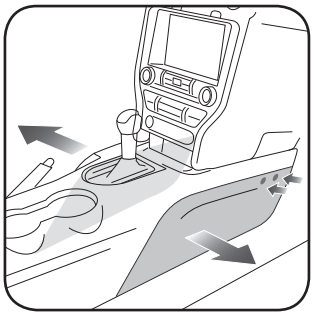
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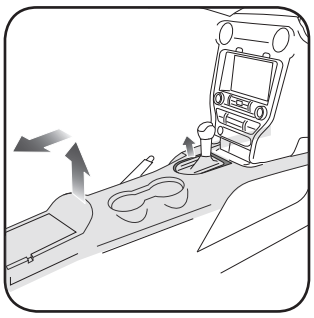
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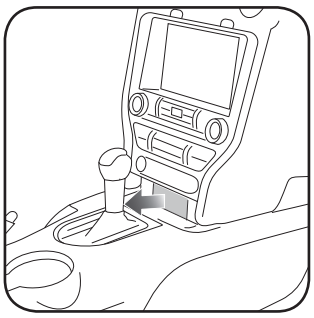
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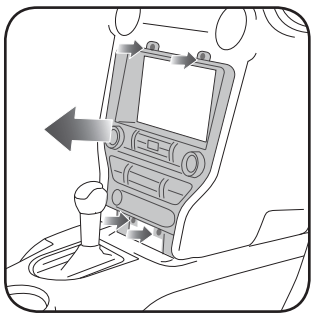


Fig. 1.6

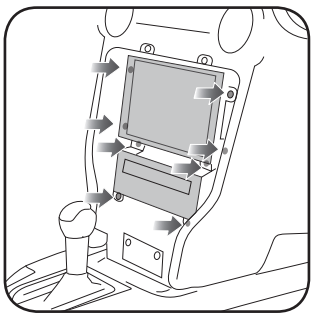


Fig. 1.7

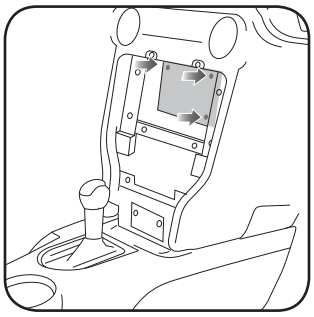


Fig. 1.8

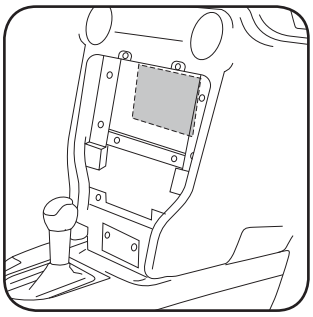


Fig. 1.9

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

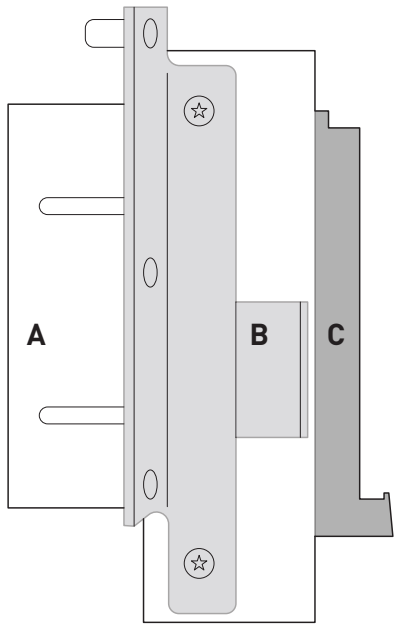


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Plug the **C** cable to the MFT1 main harness (**A**) 4-pin WHITE connector.

- Leave the 4-pin BLACK connector unplugged.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

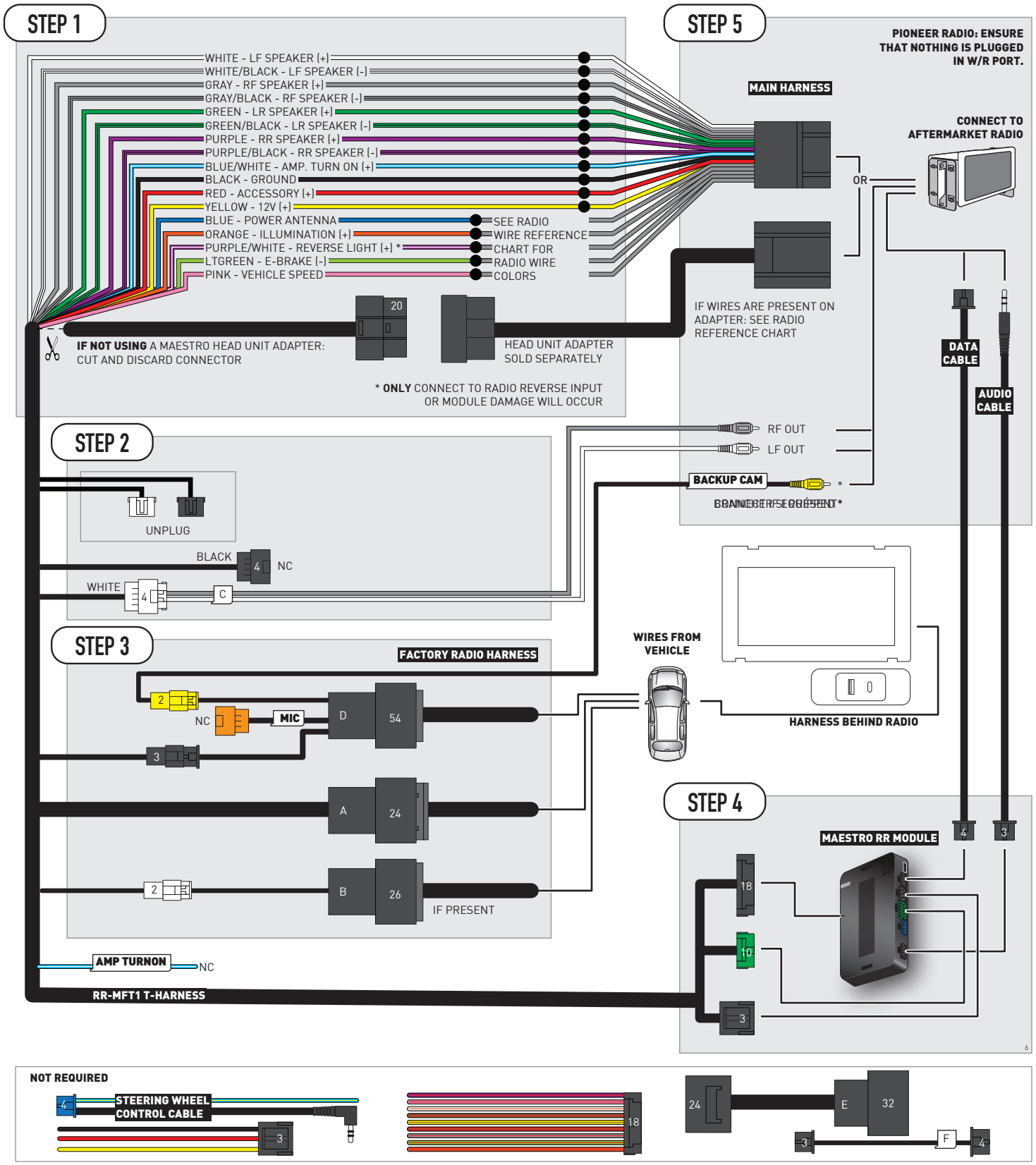
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Plug the white and gray RCAs into the aftermarket radio.
- Plug the backup camera RCA into the aftermarket radio (if applicable).
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
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VIDEO HELP		Installation, product information, vehicle specific videos.
VERIFY FLASH		Last flash information, steering control configuration, vehicle information.
WEBLINK		Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

2015-2019
FORD MUSTANG
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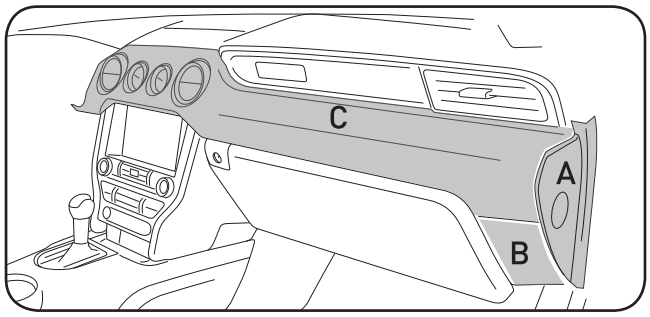


Fig. 1.1

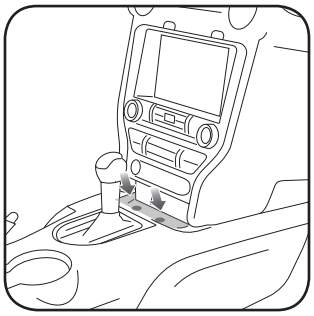


Fig. 1.2

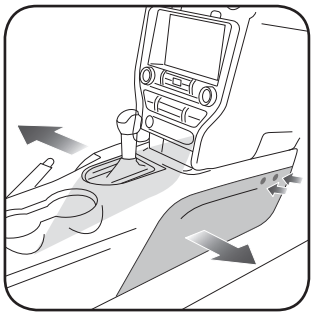


Fig. 1.3

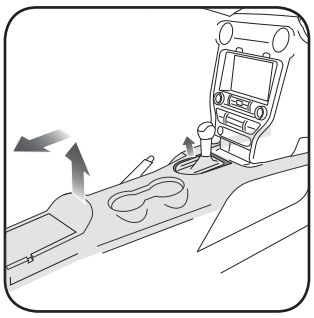
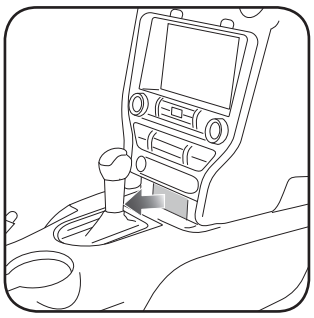


Fig. 1.4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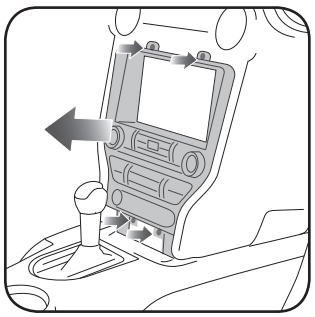
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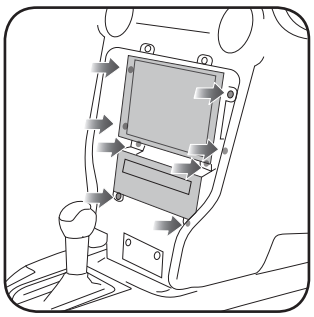
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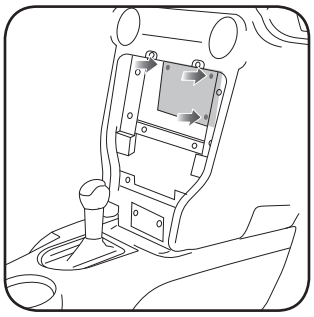
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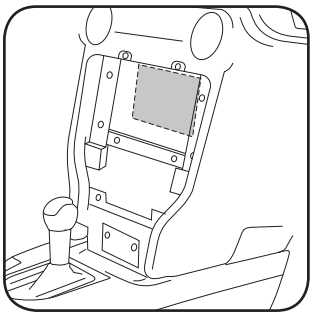


Fig. 1.9

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

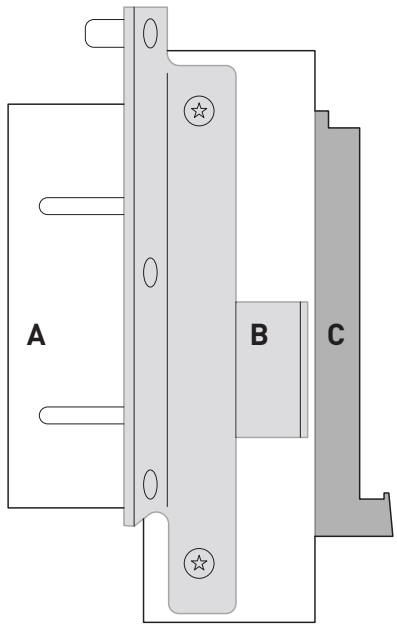


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Plug the **C** cable to the MFT1 main harness (**A**) 4-pin WHITE connector.

- On **A** harness, cut and discard BLACK 4-pin connector. Connect purple and purple/black wires to a RCA tip (not included).
  Connect green and green/black wires to a RCA tip (not included).

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

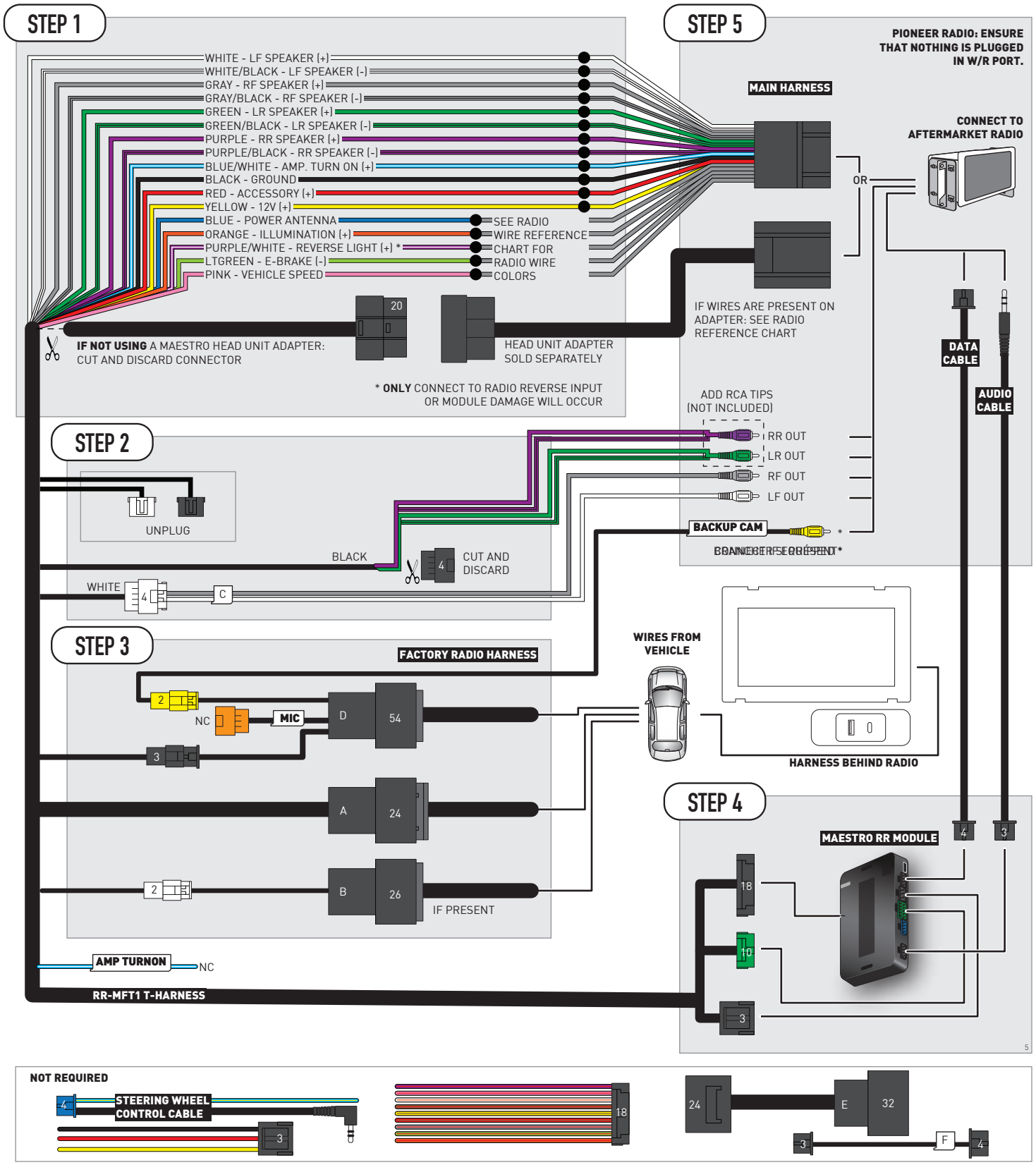
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Plug the 4 speaker RCAs into the aftermarket radio.
- Plug the backup camera RCA into the aftermarket radio (if applicable).
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2015-2019
FORD MUSTANG
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Open the passenger door. Unclip and remove trim panel from the side of dash. (Fig. 1.1-A)
2. Open the glove box. Unclip and remove trim panel on the right. (Fig. 1.1-B)
3. Unclip and remove the (vent) dash panel. (Fig. 1.1-C)
4. Remove the tray cover in front of shifter and remove the two (2) 7mm screws. (Fig.1.2)
5. Unclip and remove the front side panels from the center console and remove four (4) 7mm screws under the panels. (Fig. 1.3)
6. Unclip the shifter bezel trim and pull it slightly. Open the center console storage compartment. Unclip the center console trim panel and slide it toward the rear of vehicle. (Fig. 1.4)
7. Remove the plastic tray in front of shifter. Remove the plastic trim at the bottom of center dash panel. (Fig. 1.5)
8. Remove four (4) 7mm screws holding the trim radio panel. Unclip, remove and unplug the radio panel. (Fig. 1.6)
9. Remove four (4) 7mm screws holding the radio. Remove four (4) 7mm screws holding the screen frame. Remove and unplug the OEM screen and radio. (Fig. 1.7)
10. Remove three (3) 7mm screws holding the Sync module and remove it (if applicable). (Fig. 1.8)
11. Cut and remove back panel in radio cavity behind the screen. (Fig. 1.9)

Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

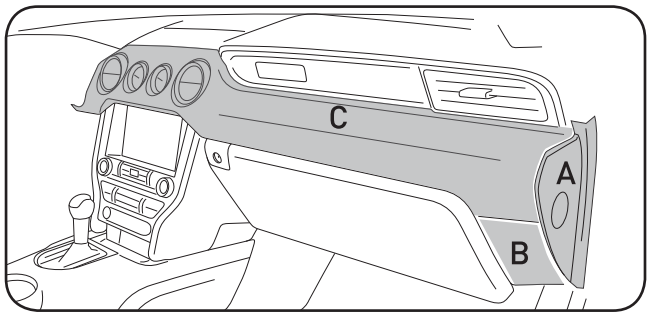
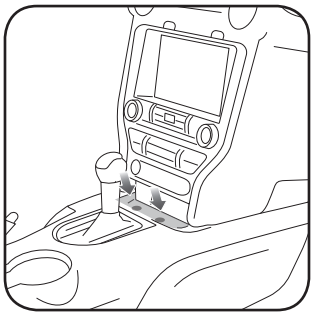


Fig. 1.1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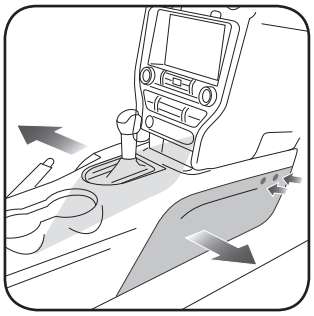


Fig. 1.3

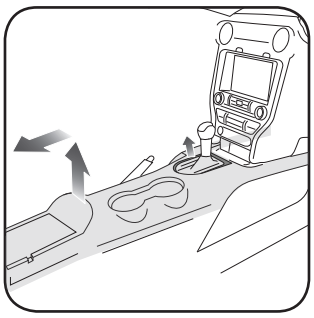


Fig. 1.4

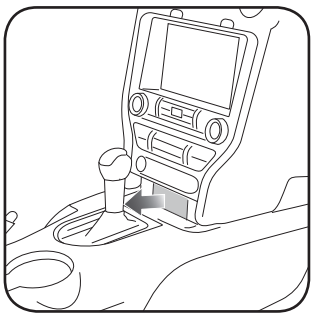


Fig. 1.5

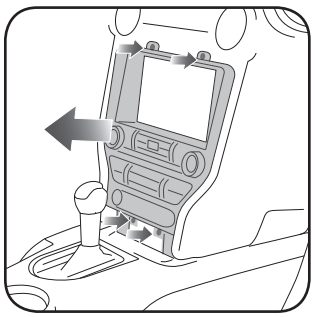


Fig. 1.6

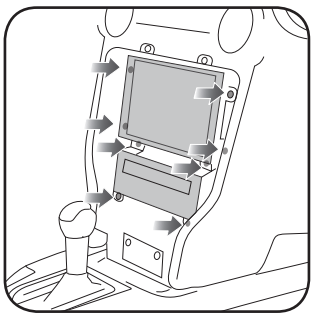


Fig. 1.7

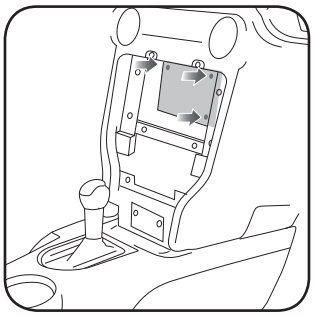


Fig. 1.8

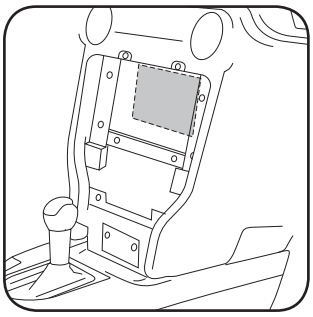


Fig. 1.9

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

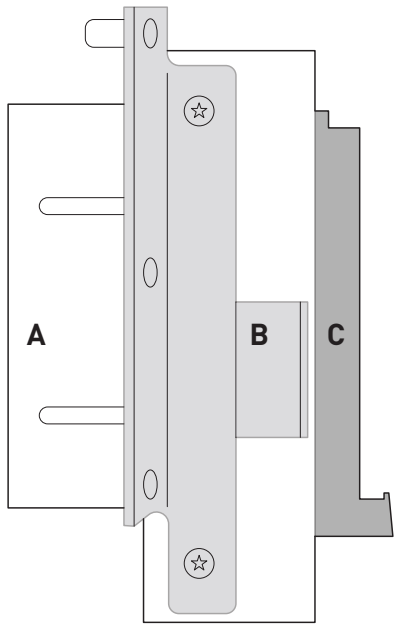


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

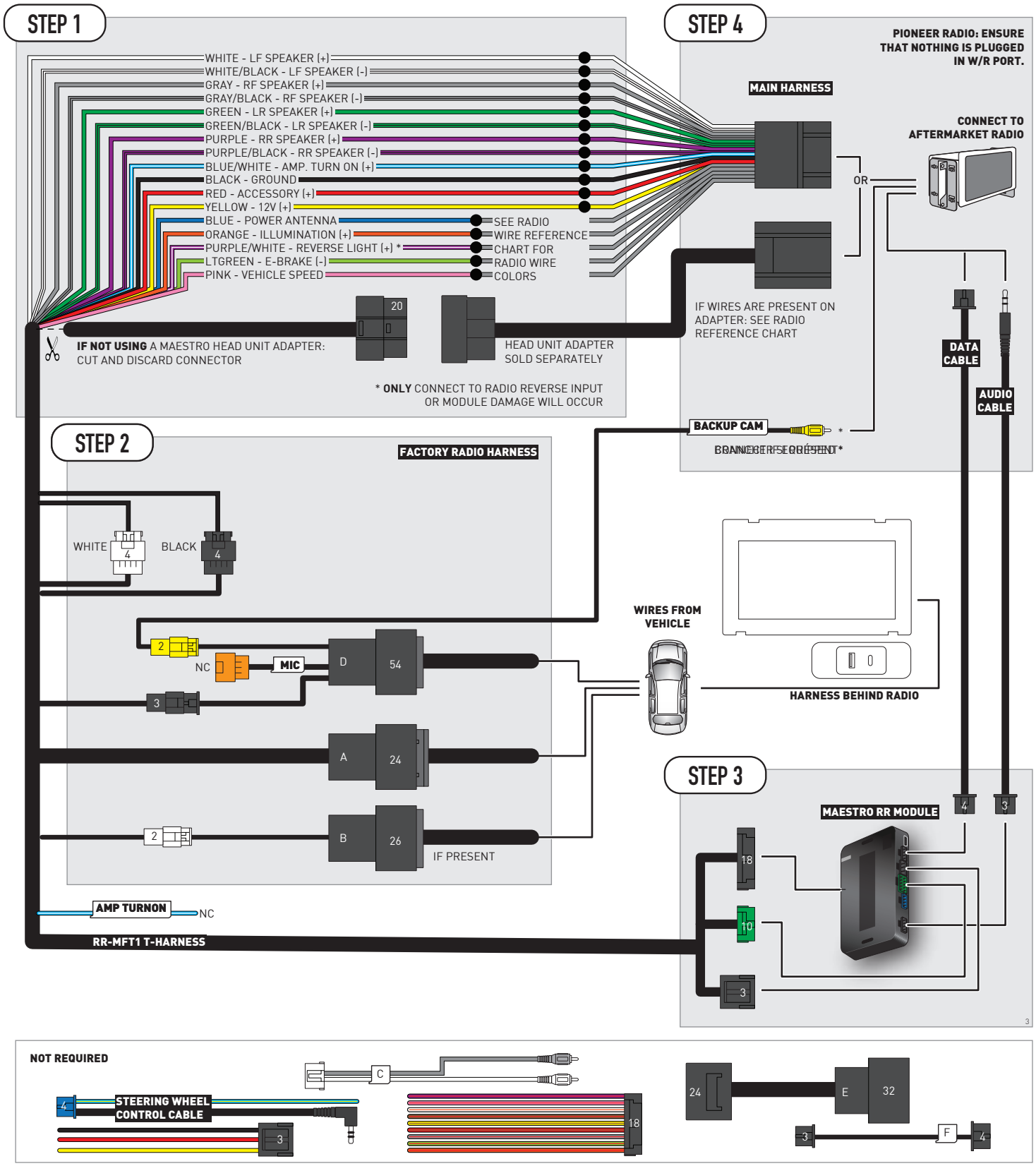
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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INSTALL GUIDE

2019-2021
FORD RANGER
WITH MYFORD TOUCH WITHOUT AMP

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

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iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Unclip and remove the passenger side vent and dash panel assembly. (Fig. 1.1)
2. Unclip and remove the vent to the left of the radio. (Fig. 1.2)
3. Unclip and remove the lower trim panels to the left and right of the climate controls. (Fig. 1.3)
4. Unclip and remove the lower dash panel. (Fig. 1.4)
5. Remove two (2) 7mm screws securing the power port panel. Unclip, unplug and remove the panel. (Fig. 1.5)
6. Remove six (6) 7mm screws holding the radio and climate control panel. Unplug and remove the panel. (Fig. 1.6)
7. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 1.7)
8. Remove four (4) 7mm holding the radio. Unplug and remove the OEM radio. (Fig. 1.8)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #2, discard set #1.

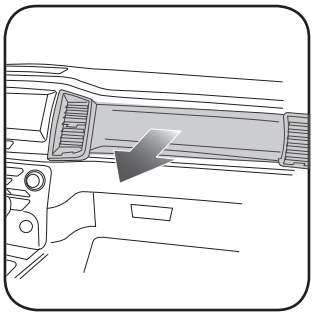


Fig. 1.1

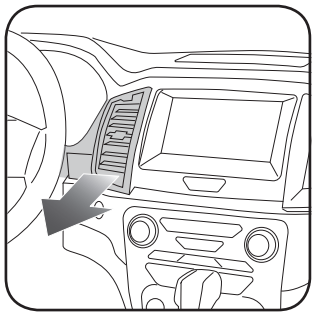


Fig. 1.2

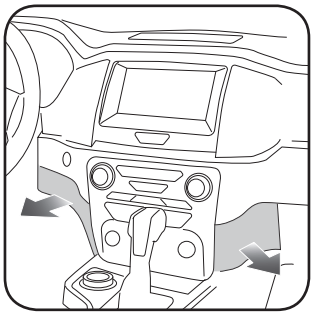


Fig. 1.3

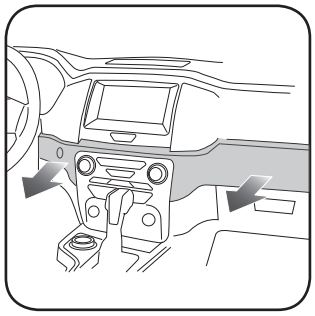


Fig. 1.4

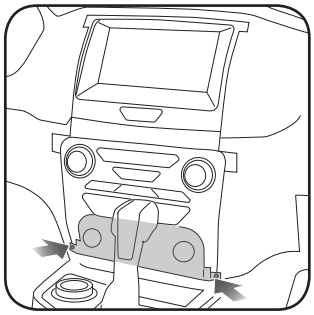


Fig. 1.5

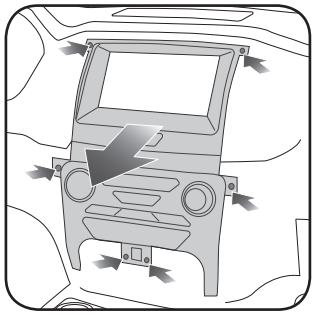


Fig. 1.6

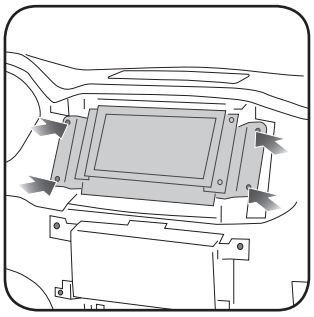


Fig. 1.7

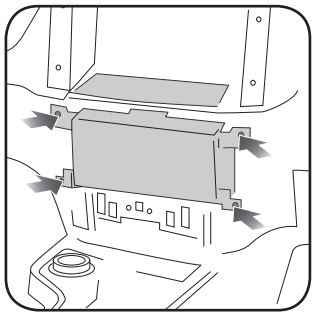


Fig. 1.8

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

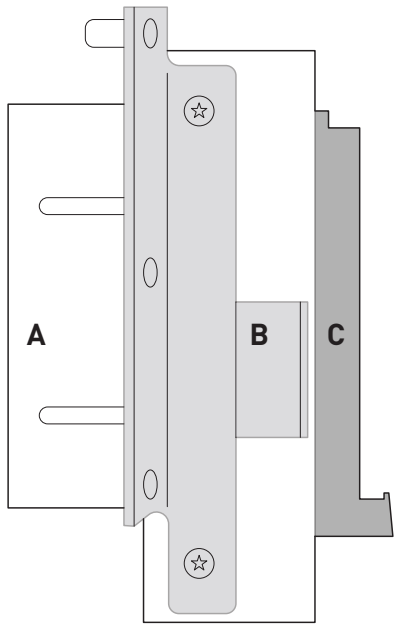


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

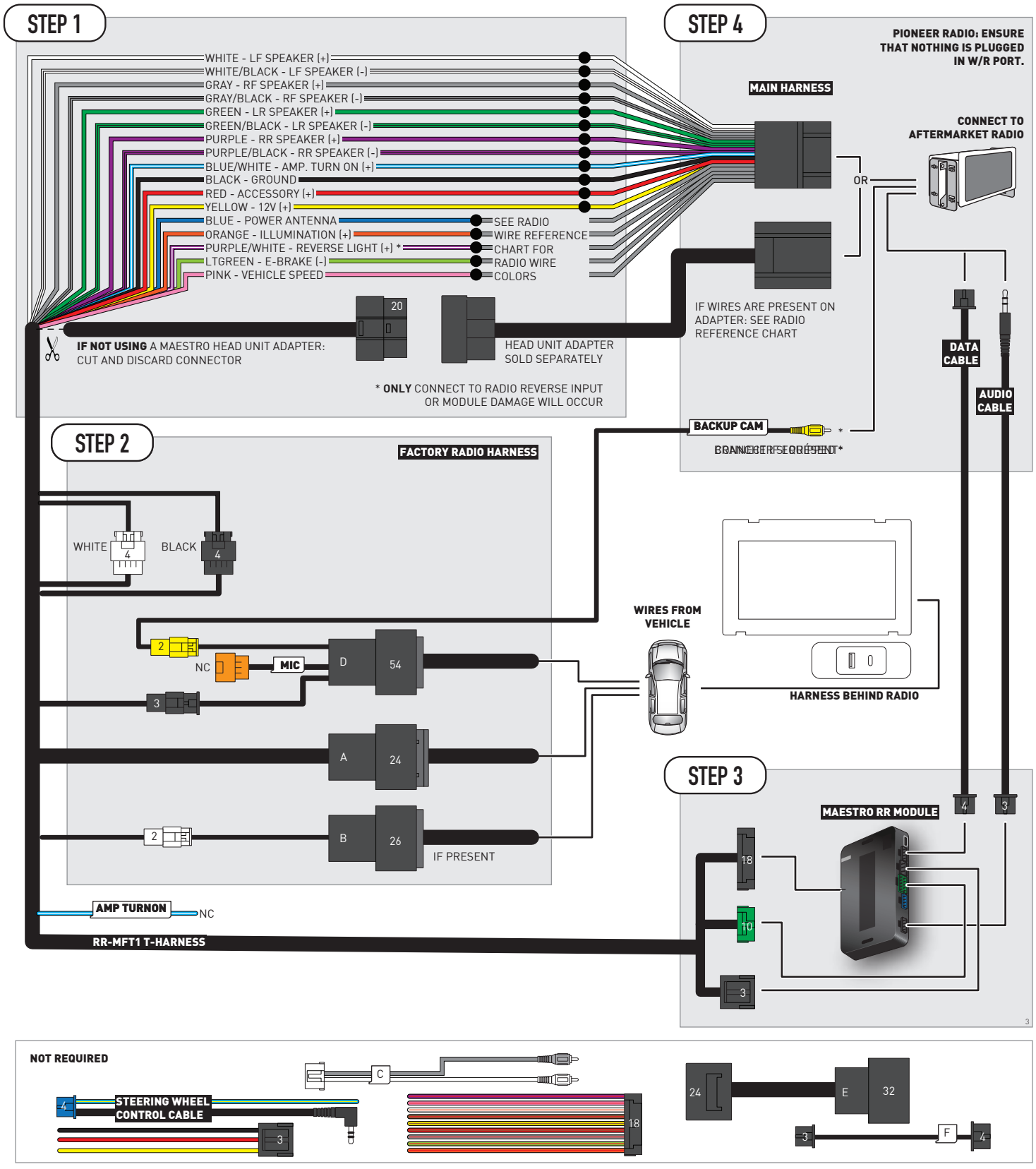
3. Connect all harnesses to the Maestro RR module.
4. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2013-2019
FORD TAURUS
WITH MYFORD TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS
ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/2

DASH DISASSEMBLY

NOTE: Requires shallow mount radio.

1. Unclip and remove the two (2) trim panels on the sides of the center console. (Fig. 1.1-A)
2. Unclip and remove the dash trim panel (right of passenger a/c vent). (Fig. 1.1-B)
3. Unclip and remove the knee bolster panel (below steering column). (Fig. 1.1-C)
4. Remove one (1) 7mm screw from trim panel which has interior light switch in it (left of steering column).
5. Unclip and remove the trim panel between the steering column and the key cylinder. Remove one (1) 7mm screw exposed. (Fig. 1.2)
6. Unclip and remove the gauge cluster trim panel. (Fig. 1.3-A)
7. Unclip and remove the trim panel above the radio control panel. (Fig. 1.3-B)
8. Remove four (4) 7mm screws securing the cup holder panel. Unclip and remove the cup holder panel. (Fig. 1.4)
9. Remove four (4) 7mm screws holding the shifter panel. Slide the panel backwards. (Fig. 1.5)
10. Remove four (4) 7mm screws securing the ashtray assembly. Unclip and remove it. (Fig. 1.6)
11. Remove ten (10) 7mm screws holding the radio control panel. Unclip and remove it. (Fig. 1.7)
12. Remove four (4) 7mm screws holding the radio screen. Remove the screen. (Fig. 1.8)
13. Remove four (4) 7mm screws holding the OEM radio. Remove the radio. (Fig. 1.8)

Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

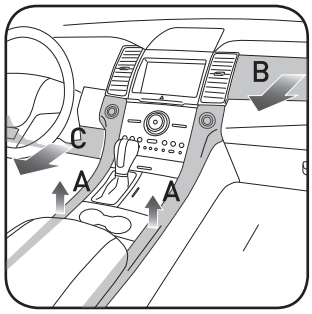


Fig. 1.1

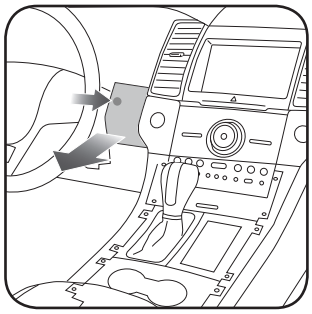


Fig. 1.2

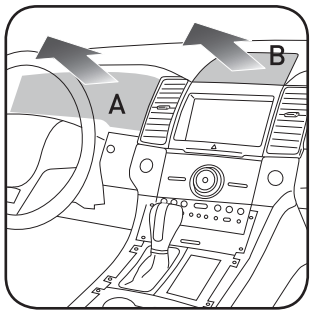


Fig. 1.3

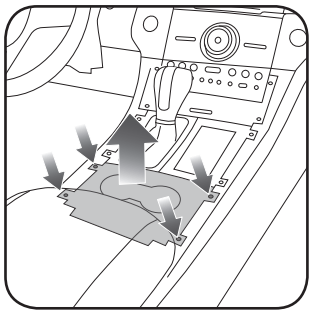


Fig. 1.4

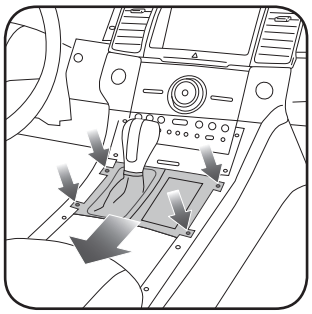


Fig. 1.5

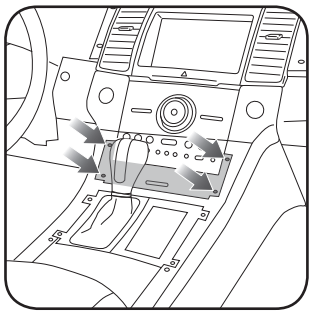


Fig. 1.6

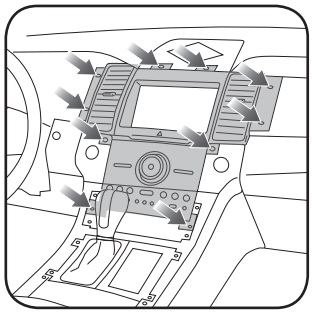


Fig. 1.7

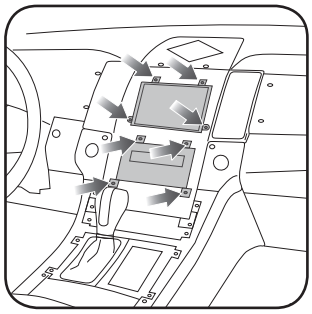


Fig. 1.8

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

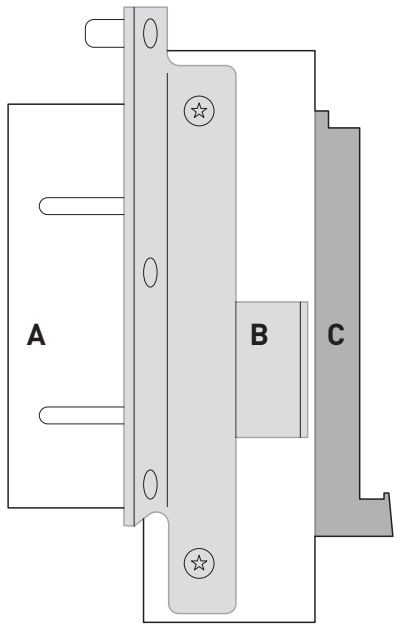


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

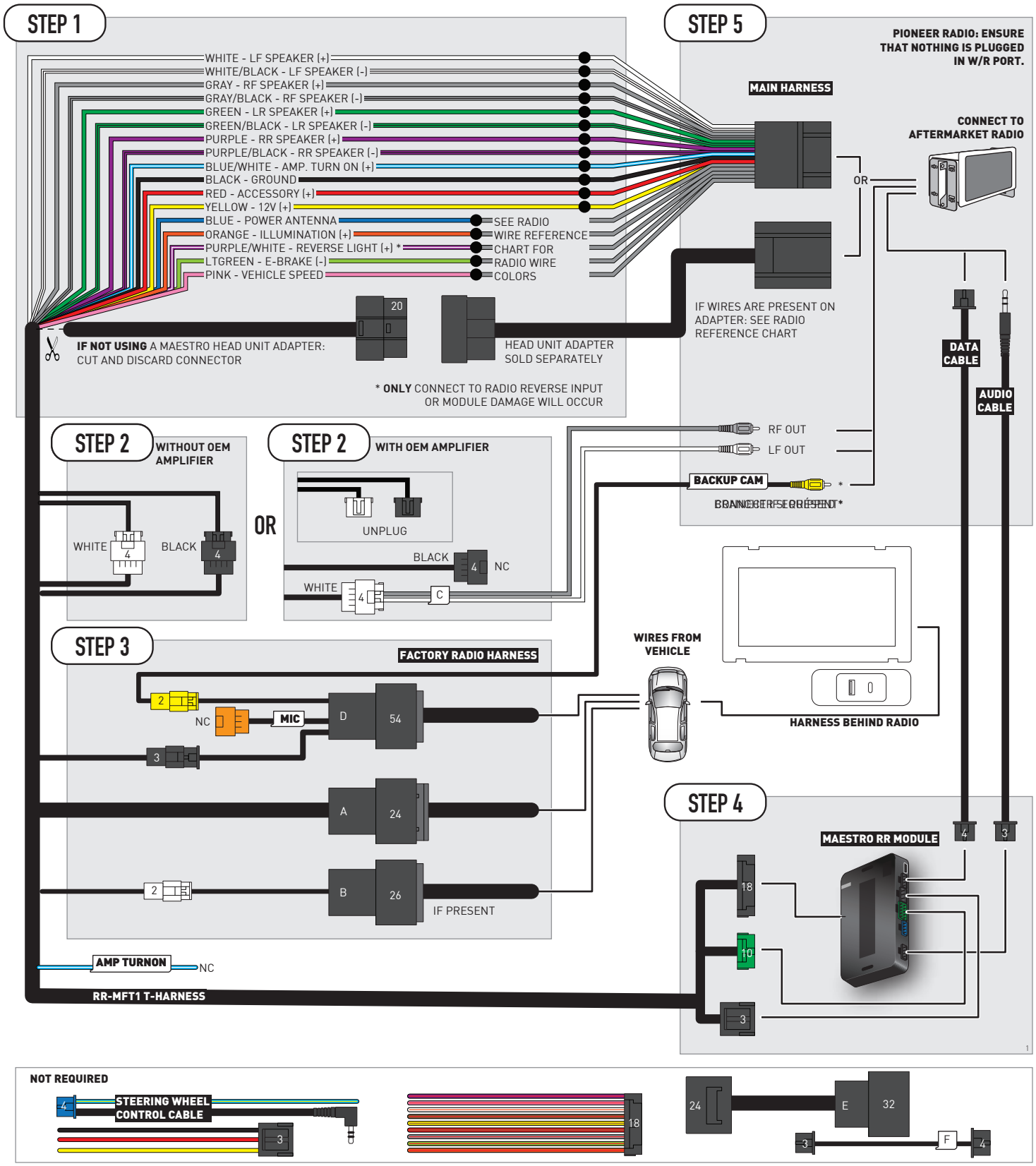
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
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	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
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VIDEO HELP		Installation, product information, vehicle specific videos.
VERIFY FLASH		Last flash information, steering control configuration, vehicle information.
WEBLINK		Software to program module.

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2011-2013
LINCOLN MKX
WITH MYLINCOLN TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

HEAD UNIT ADAPTER READY KIT

PRODUCTS REQUIRED

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iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

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

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TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

1. Unclip and remove the two (2) trim panels at the left and right of the OEM radio. (Fig. 1.1)
2. Remove four (4) screw holding the shifter trim panel. Unclip and remove the shifter trim panel. (Fig. 1.2)
3. Remove six (6) 7mm screws holding the radio and climate control panel. (Fig. 1.3)
4. Use a panel removal tool to unclip and release the radio and climate panel from the dash. (Fig. 1.3)
5. Remove four (4) 7mm screws holding the radio body. Unplug and remove the OEM radio. (Fig. 1.3)
6. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 1.4)

Keep screws and brackets for MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

Fig. 1.1

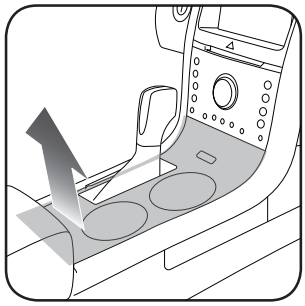

Fig. 1.2

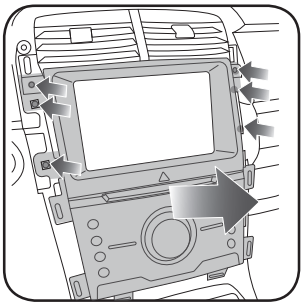

Fig. 1.3

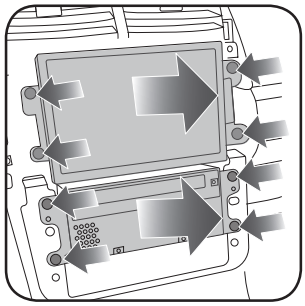

Fig. 1.4

INSTALLATION INSTRUCTIONS P2 /2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

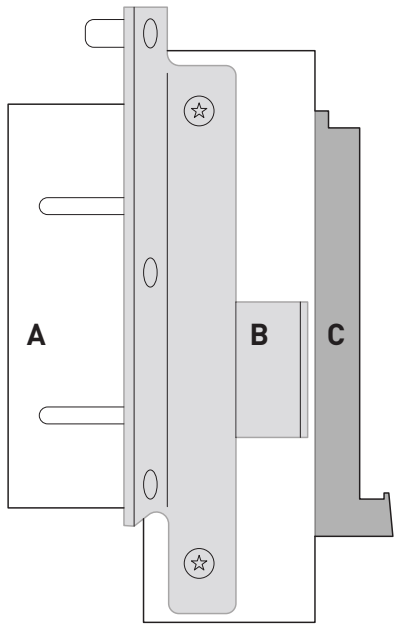

Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
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- Connect the MFT1 T-harness to the factory radio harness.

4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

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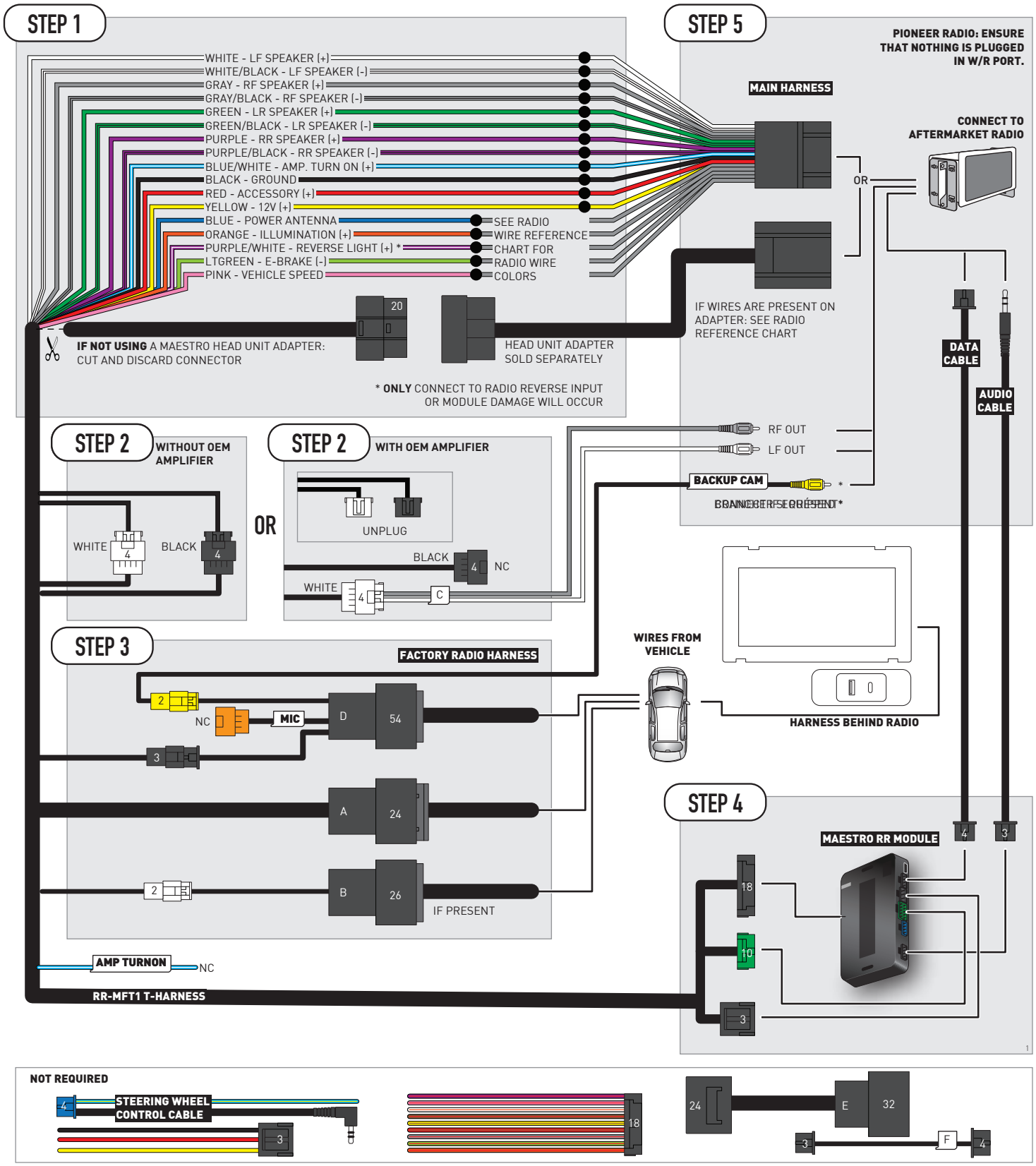
Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



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VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
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●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
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MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

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Email: maestro.support@idatalink.com

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

INSTALL GUIDE

2014-2015
LINCOLN MKX
WITH MYLINCOLN TOUCH

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro HRR-MFT1 Dash Kit

PROGRAMMED FIRMWARE

ADS-RR(SR)-FOR02C-DS

ADDITIONAL RESOURCES

Maestro RR2 Programmable Outputs Guide

OPTIONAL ACCESSORIES

K40 ELECTRONICS ESCORT

Click here for:
Radar Installation Guides

HEAD UNIT ADAPTER:
ACC-HU-PIO1, SON1, KEN1, KEN2, ALP1

WELCOME

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

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

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

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NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1 /2

DASH DISASSEMBLY

NOTE: Requires shallow mount radio. Requires trimming in the dash.

1. Unclip and remove the two (2) trim panels at the left and right of the center console. (Fig. 1.1)
2. Unclip and remove the center console trim panel (around the shifter). Unplug the connectors. (Fig. 1.2)
3. Remove four (4) 5.5mm screws holding storage compartment in front of the center console. Remove and unplug it. (Fig. 1.3)
4. Remove five (5) 7mm screws holding the shifter housing. Unclip and pull it backward. Do not remove it. (Fig. 1.4)
5. Remove two (2) 7mm screws at the bottom of the radio and climate control panel. Carefully unclip and remove the radio and climate control panel, starting from the bottom (air vents are fragile). Unplug the connectors. (Fig. 1.5)
6. Remove four (4) 7mm screws holding the screen. Unplug and remove the OEM screen. (Fig. 16)
7. Remove two (2) screws holding the radio. Unplug and remove the OEM radio. (Fig. 1.6)
8. Cut and remove the plastic behind the screen. (Fig. 1.7)

Keep screws and brackets fot MFT1 dash kit assembly. Unbox MFT1 dash kit and locate bracket set #1, discard set #2.

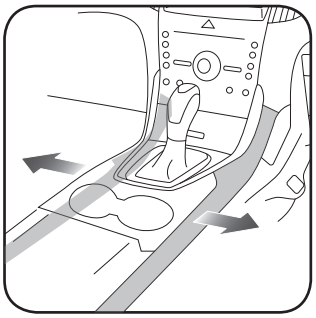


Fig. 1.1

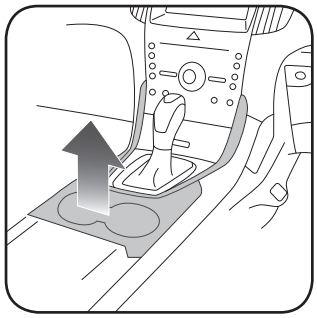


Fig. 1.2

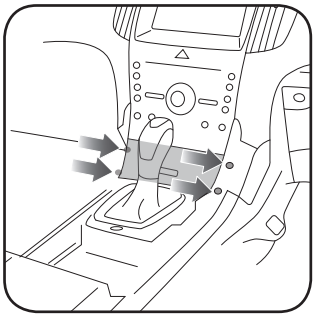


Fig. 1.3

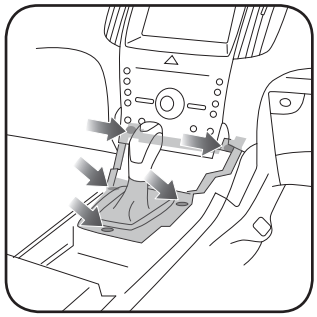


Fig. 1.4

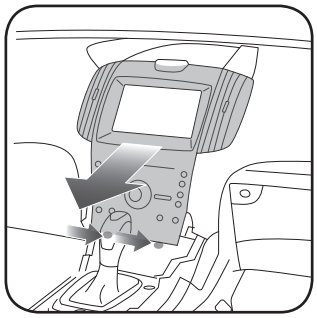


Fig. 1.5

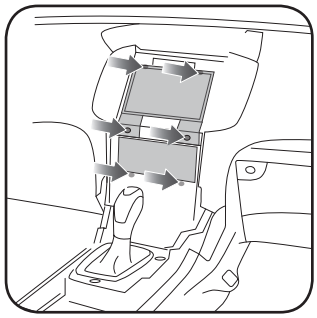


Fig. 1.6

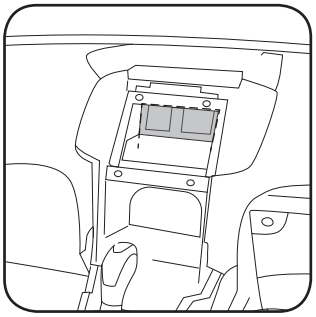


Fig. 1.7

INSTALLATION INSTRUCTIONS P2/2

DASH KIT ASSEMBLY

1. Attach the brackets supplied with the MFT1 to the aftermarket radio (use set #1 or #2, see previous page).
2. Remove the mounting brackets from the OEM screen and attach them to MFT1 brackets (Example: Fig. 2.0).
3. Clip MFT1 panel on to the front of MFT1 brackets.

Media port adapter

4. Remove OEM Media port and connect MFT1 media port adapter to aftermarket radio. If OEM media port is larger than MFT1 media port, insert the supplied adapter plate, then install MFT1 media port.

(Side view)

A: MFT1 bracket

B: OEM radio bracket

C: Aftermarket radio

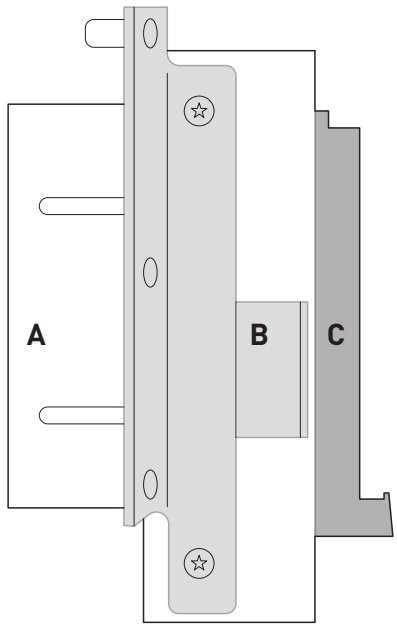


Fig. 2.0

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-MFT1 harness to adapter and skip to step 2.**

- Unbox the aftermarket radio and locate its main harness.
- Cut and remove the black 20 pin connector from the HRR-MFT1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-MI1 T-harness and match the wire functions.

  Note: only connect purple/white wire to radio reverse input or module damage will occur.

2. Determine if the vehicle has a factory amplifier.

If the vehicle DOES NOT have a factory amplifier:

- Plug the female 4-pin BLACK connector to the male BLACK connector of your HRR-MFT1 T-harness.
- Plug the female 4-pin WHITE connector to the male WHITE connector of your HRR-MFT1 T-harness.

If the vehicle DOES have a factory amplifier:

- Leave the 4-pin BLACK connector unplugged.
- Plug the **C** cable to the 4-pin WHITE connector.
- Connect gray and white RCAs into the aftermarket radio.

3. Assemble HRR-MFT1 harness as shown in the wiring diagram, using **A, B and D** harnesses.

- Connect the MFT1 T-harness to the factory radio harness.

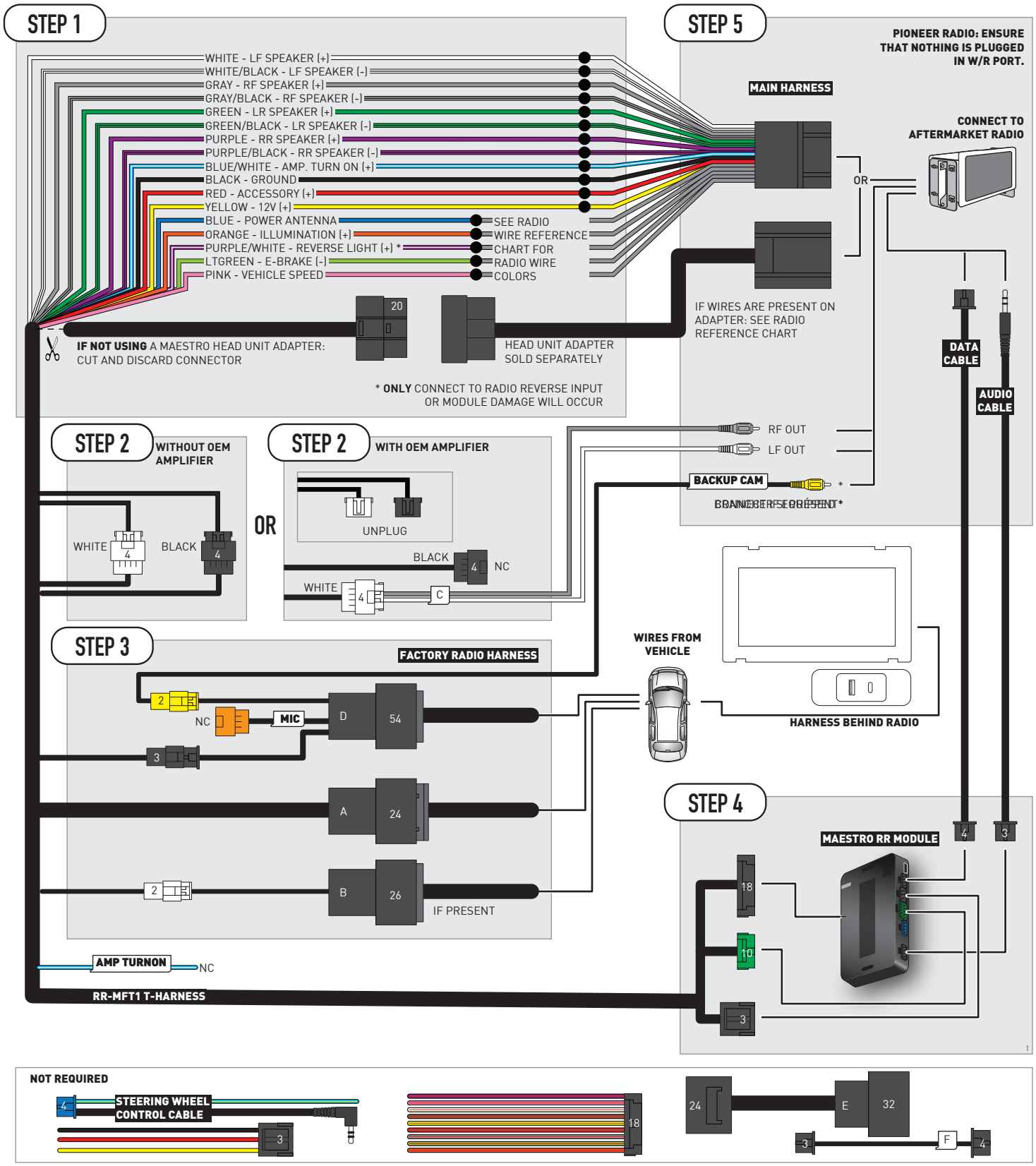
4. Connect all harnesses to the Maestro RR module.
5. Plug the harnesses into the aftermarket radio.

- Plug the data cable to the data port of the aftermarket radio.
- Insert the audio cable into the iDatalink 3.5mm audio jack of the aftermarket radio (labeled iDatalink. If there is no iDatalink audio input, connect to AUX).
- Plug the backup camera RCA into the aftermarket radio (if applicable).

Note: When using a Pioneer radio, please ensure that there is nothing plugged into the W/R port of the radio.

Insert the radio and MFT1 kit in the dash, then test your installation.

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

MFT1 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood/ JVC cable	Wire Color on Pioneer cable	Wire Color on Sony cable
Illumination	(+)	Orange	N/A	Orange/White	Orange/White	Orange
Reverse Light*	(+)	Purple/White	Orange/White	Purple/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	Pink	Pink	N/A
Power Antenna	(+)	Blue	Blue	Blue	Blue/White	Blue or Blue/White

Head unit adapter wiring (optional accessory, sold separately)

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

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

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

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

MODULE DIAGNOSTICS

LED 1 Module/Firmware status	LED 2 (RR2) Bluetooth activity	LED STATUS	DIAGNOSTIC
● or ●		RED or GREEN flashing	LED flashes 1 or more times, either red or green, **when a steering wheel button is pressed** : normal operation.
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do NOT use DEMO MODE.
●		2 RED flashes	Problem detected. Consult troubleshooting table.
●		1 GREEN flash	After radio boots up : Normal operation.
	●	3 GREEN flashes	Bluetooth is activated. Turns off after one minute: Normal operation.
●	●	OFF	Normal operation (inactive).

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

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
The radio is not turning on.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module.
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure the supplied 54-pin connector is plugged into the vehicle, and that the 18-pin connector on the other end is connected to the Maestro module. Reset the RR.
The light on the Maestro is blinking **RED TWICE**.	Ensure the 4-pin data cable is connected between the radio and the RR, and that it is plugged into the black port on the Maestro RR. The red and blue ports on the RR should be empty. Make sure the correct radio model and serial number were entered during the flash. Verify the radio's serial number entered during the flash matches what is listed on the radio screen. This can be found in the settings of the radio, listed as Device Id, Device Number, or Serial Number.
The light on the Maestro is flashing **RED ONCE**.	There is no firmware on the module; flash the RR module.

MAESTRO RR RESET PROCEDURE:

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

TECHNICAL ASSISTANCE

Phone: 1-866-427-2999

Email: maestro.support@idatalink.com

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

LIMITED 1-YEAR WARRANTY

Automotive Data Solutions Inc. ("ADS") warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances, for the period of one (1) year as of the original date of purchase.

In the event of any product malfunction during the Warranty period, the original purchaser must return to the Authorized Dealer where it was originally purchased with the original proof of purchase. If a malfunction is detected, the Authorized Dealer will elect to repair or replace the product at its discretion. Labor costs may be applicable and are at the discretion of the Authorized Dealer.

ADS is not responsible for any damages whatsoever, including but not limited to any consequential damages, incidental damages for loss of time, loss of earnings, commercial loss of economic opportunity and the like that may or may not have resulted from the installation or operation of an iDatalink Maestro product.

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Automotive Data Solutions Inc. (ADS) garantit à l'acheteur original que ce produit est exempt de défauts dans les matériaux et dans la fabrication, et ce, dans des conditions normales d'utilisation, pour une période de un (1) an à partir de la date d'achat originale.

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Automotive Data Solutions Inc. ("ADS") garantiza al comprador original que este producto no presentará ningún defecto relacionado con sus materiales o su fabricación, bajo condiciones normales de uso, durante un (1) año a partir de la fecha original de compra.

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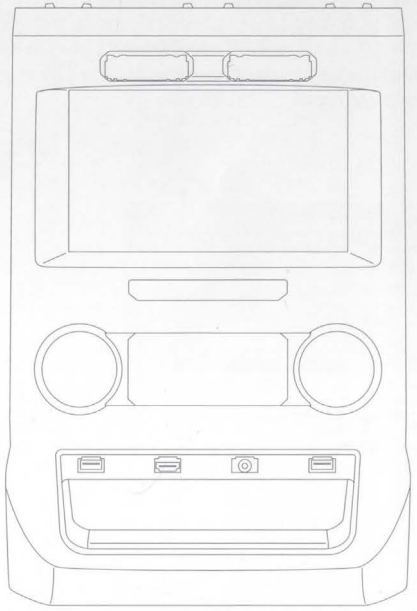
NEED HELP? BESOIN D'AIDE? ¿NECESITA AYUDA?

877.212.6169

QUICK START GUIDE
FOR CAR RADIO INSTALLATION KITS

GUIDE DE DÉMARRAGE RAPIDE
POUR KITS D'INSTALLATION AUTORADIO

GUÍA DE INICIO RÁPIDO
PARA KITS DE INSTALACIÓN DE AUTORRADIO



2017/09

WEB-PROGRAMMING STEPS

⚠ THIS PRODUCT REQUIRES THE INSTALLATION OF A MAESTRO RR (ADS-MRR) MODULE SOLD SEPARATELY

1. **INSTALL THE WEBLINK PLUGIN (FOR PC ONLY)**
   Go to **idatalinkmaestro.com/plugin** and follow the installation steps. Review the System Requirements before installing. **Macintosh not supported**.

2. **REGISTER A WEBLINK ACCOUNT**
   Go to **idatalinkmaestro.com/register** and complete the registration process. A confirmation email will be sent to you requiring validation.

3. **CONNECT THE MODULE TO YOUR PC**
   Use the included mini USB cable to connect your iDatalink Maestro RR module to your PC.

4. **WEBLINK PROGRAMMING**
   Go to **idatalinkmaestro.com/login**. Enter your username and password, then click OK. Follow the installation steps in Weblink until your module is flashed, then download your install guide. **Be sure to select the dash kit as an accessory in step 4**.

5. **COMPLETE VEHICLE-SPECIFIC INSTALLATION**
   Follow the steps in your install guide and complete the installation. **ADS recommends having your iDatalink Maestro products installed by a certified technician**.

ÉTAPES DE PROGRAMMATION WEB

⚠ CE PRODUIT NÉCESSITE L'INSTALLATION D'UN MODULE MAESTRO RR (ADS-MRR) VENDU SÉPARÉMENT

1. **INSTALLEZ LE PLUGIN WEBLINK (PC SEULEMENT)**
   Allez à **idatalinkmaestro.com/plugin** et suivez les étapes d'installation. Vérifiez les exigences système avant l'installation. **Macintosh n'est pas supporté**.

2. **INSCRIVEZ-VOUS À WEBLINK**
   Allez à **idatalinkmaestro.com/register** et terminez le processus d'inscription. Un courriel de confirmation vous sera envoyé pour validation.

3. **BRANCHEZ LE MODULE À VOTRE PC**
   Utilisez le mini-câble USB fourni pour brancher votre module iDatalink Maestro RR à votre PC.

4. **PROGRAMMATION WEBLINK**
   Allez à **idatalinkmaestro.com/login**. Entrez votre nom d'utilisateur et votre mot de passe, puis cliquez sur OK. Suivez les étapes d'installation dans Weblink jusqu'à ce que votre module soit flashé, puis téléchargez votre guide d'installation. **Assurez-vous de sélectionner le kit de tableau de bord comme accessoire à l'étape 4**.

5. **INSTALLATION COMPLÈTE DU VÉHICULE**
   Suivez les étapes de votre guide d'installation et terminez l'installation. **ADS recommande que vos iDatalink Maestro soient installés par un technicien certifié**.

PASOS DE PROGRAMACIÓN WEB

⚠ ESTE PRODUCTO REQUIERE LA INSTALACIÓN DEL MÓDULO MAESTRO RR (ADS-MRR) VENDIDO POR SEPARADO

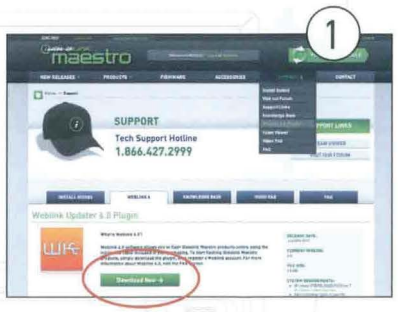
1. **INSTALE EL COMPLEMENTO WEBLINK (SÓLO PC)**
   Vaya a **idatalinkmaestro.com/plugin** y siga los pasos de instalación. Compruebe los requisitos del sistema antes de la instalación. **Macintosh no es compatible**.

2. **REGÍSTRESE A WEBLINK**
   Vaya a **idatalinkmaestro.com/register** y complete el proceso de registro. Se le enviará un correo electrónico de confirmación para su validación.

3. **CONECTE EL MÓDULO A SU PC**
   Utilice el cable mini USB suministrado para conectar su módulo iDatalink Maestro RR a su PC.

4. **PROGRAMACIÓN WEBLINK**
   Vaya a **idatalinkmaestro.com/login**. Introduzca su nombre de usuario y contraseña y haga clic en OK. Siga los pasos de instalación en Enlace web hasta que su módulo se muestra, luego descargue la guía de instalación. **Asegúrese de seleccionar el kit del panel de instrumentos como accesorio en el paso 4**.

5. **INSTALACIÓN COMPLETA PARA SU VEHÍCULO**
   Siga los pasos de la guía de instalación y complete la instalación. **ADS recomienda que su productos iDatalink Maestro sea instalado por un técnico certificado**.



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