SELECT VEHICLE
PRINT PAGES NEEDED

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

2011-2014
FORD EDGE WITH 4.3" SCREEN
INSTALLING DOUBLE-DIN RADIO

RETAINS STEERING WHEEL CONTROLS, FACTORY AMPLIFIER, AND MORE!

+

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro RR or RR2 Radio Replacement Interface
iDatalink Maestro EDG1 Dash Kit

PROGRAMMED FIRMWARE: FO2C-RR-DS

WELCOME

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

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

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

NEED HELP?

1 866 427-2999

maestro.support@idatalink.com

ADDITIONAL INFORMATION AND ACCESSORIES

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

Radar Detectors K40 ELECTRONICS ESCORT	Radar Installation Guides	
Configuring the RR2's Programmable Outputs	Maestro RR2 Programmable Outputs Guide	
Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

INSTALLATION INSTRUCTIONS P1 /3

DASH DISASSEMBLY

1. Open center console lid, then remove the trim panels on either side of the radio by firmly pulling upward on them. (Fig. 1.1)
2. Engage the parking brake. Place shifter into the furthest back position and pull down the shift boot. (Fig. 1.2)
3. Remove the two Phillips screws securing the shifter in place. Pull up to remove the shifter and place back into park position. (Fig. 1.3)
4. Remove the four T25 Torx screws from the center console trim. Pull up and disconnect the wiring harness to remove the trim. (Fig. 1.4)
5. Remove the six 7mm screws securing the radio bezel. Pull outward and disconnect the single wiring harness from the back. (Fig. 1.5)
6. Remove the four 7mm screws securing the radio display. Disconnect the wiring harness.
   Remove the four 7mm screws securing the CD player. Disconnect the harnesses and antenna connections. (Fig. 1.6)
7. **Full size DDIN chassis radios** : cut the factory dash as shown for clearance. Not required for radios with top half chassis. (Fig. 1.7)
8. **USB HUB REMOVAL:**
   Press down on the four clips holding the USB hub into the center console. Disconnect the harnesses and remove the hub. (Fig. 1.8)
9. Remove the two 7mm screws securing the vents to the factory trim panel. (Fig. 1.9)
10. Release the four clips at the top of the bezel to remove the vents. (Fig. 1.10)

    Set vents and screws aside for use when reassembling the EDG1 kit.

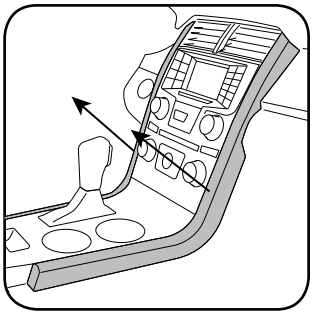


Fig. 1.1

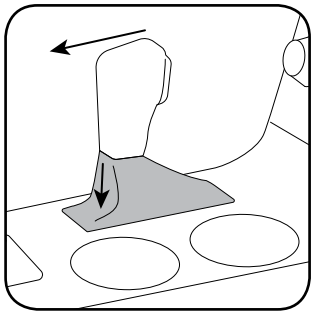


Fig. 1.2

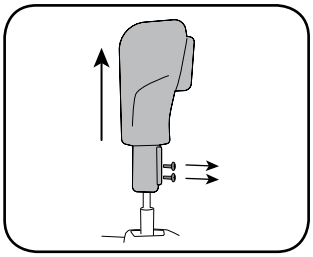


Fig. 1.3

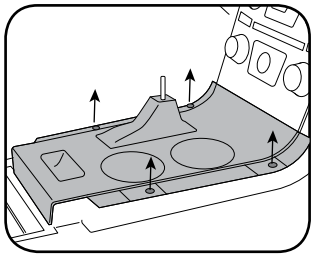


Fig. 1.4

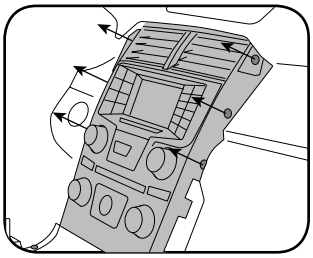


Fig. 1.5

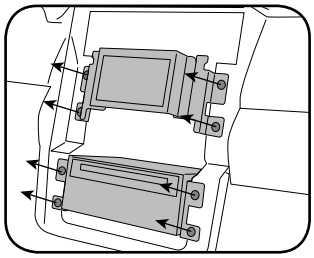


Fig. 1.6

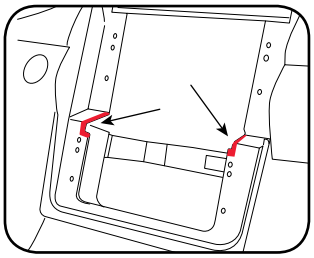


Fig. 1.7

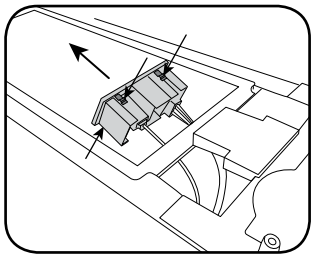


Fig. 1.8

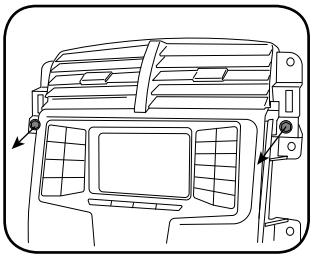


Fig. 1.9

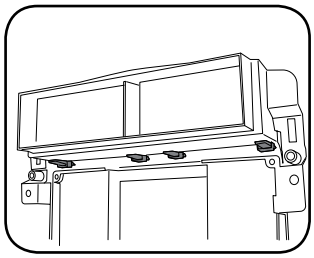


Fig. 1.10

INSTALLATION INSTRUCTIONS P2 /3

ASSEMBLE THE EDG1 DASH KIT

1. Place the double-DIN trim panel onto the EDG1 bezel. Secure it with the seven supplied Phillips screws. Do not overtighten the screws. (Fig. 2.1)
2. Snap the factory vents on the top of the EDG1 bezel and secure them with the two 7mm screws removed earlier. (Fig. 2.2)
3. Place the metal brackets onto the radio and secure using the hardware included with the radio. (Fig. 2.3)

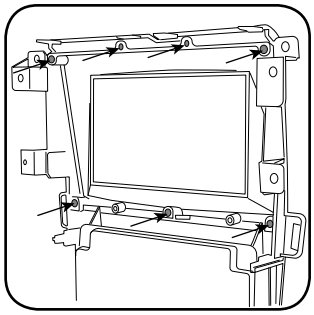


Fig. 2.1

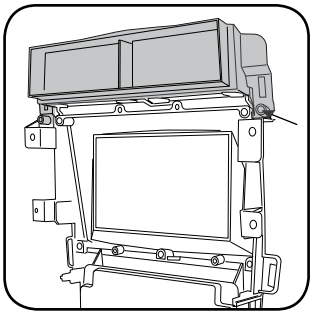


Fig. 2.2

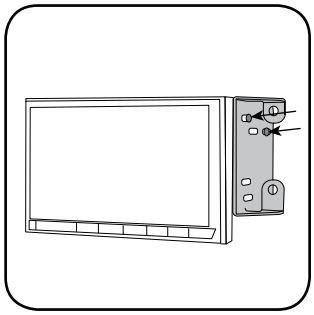


Fig. 2.3

INSTALLATION INSTRUCTIONS P3/3

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-EDG1 harness to adapter and skip to step 2.**

- Locate aftermarket radio's main harness.
- Cut and remove the black 20 pin connector from the HRR-EDG1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-EDG1 T-harness and match the wire functions. **Note**: only connect purple/white wire to radio reverse input or module damage will occur.

2. Connect the EDG1 harness to the main factory radio wiring harness.

- Connect the supplied antenna adapter to the factory antenna connection.
- Connect the reverse camera harness to the factory display harness.

3. Route the OBD2 harness to the OBD2 port below the steering wheel/lower dash panel. Plug the harness into the vehicle's OBD2 port and secure the wiring. Connect the black 2-pin plug from the OBD2 harness to the black 2-pin plug on the EDG1 harness.

4. Connect the Maestro module to the EDG1 harness. Connect the 4-pin black data cable and 3-pin audio cable to the Maestro.

- Press the EDG1 harness, Maestro module, and antenna adapter into the dash cavity.

5. Make all connections to the back of the aftermarket radio. Connect the 3-pin to headphone cable to the radio's AUX input (Pioneer) or I/F input. Connect the black 4-pin data cable last.

- Route the supplied USB cables through the factory USB location to the radio cavity. Snap the USB mounting plate into the center console and secure the wiring.

ASSEMBLY

6. Press the radio into the dash cavity and secure it with the four 7mm screws removed earlier. (Fig. 3.1)

7. Connect the correct climate control adapter harness to the factory wiring harness in the lower dash cavity.

   Connect the 6-pin climate control harness to the EDG1 bezel. Press the EDG1 bezel into the dash and secure with the six 7mm screws removed earlier. (Fig. 3.2)

8. Reconnect the wire harness to the center console trim and secure it in place with the four T-25 Torx screws removed earlier.

9. With parking brake engaged, place the shifter into the furthest position back. Reinstall the shifter top, securing it with the two Phillips screws. Slide the boot back into place and move the shifter back to park.

10. Reinstall the side trim panels, making sure the clips snap fully into place

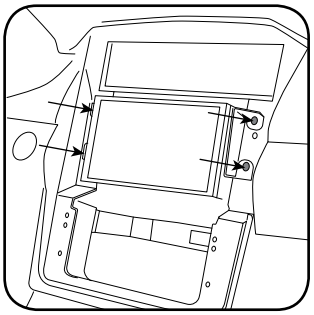


Fig. 3.1

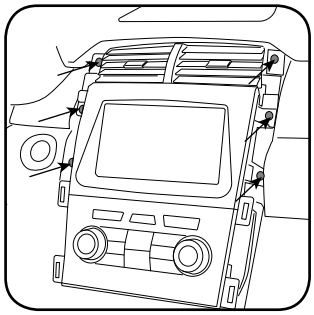
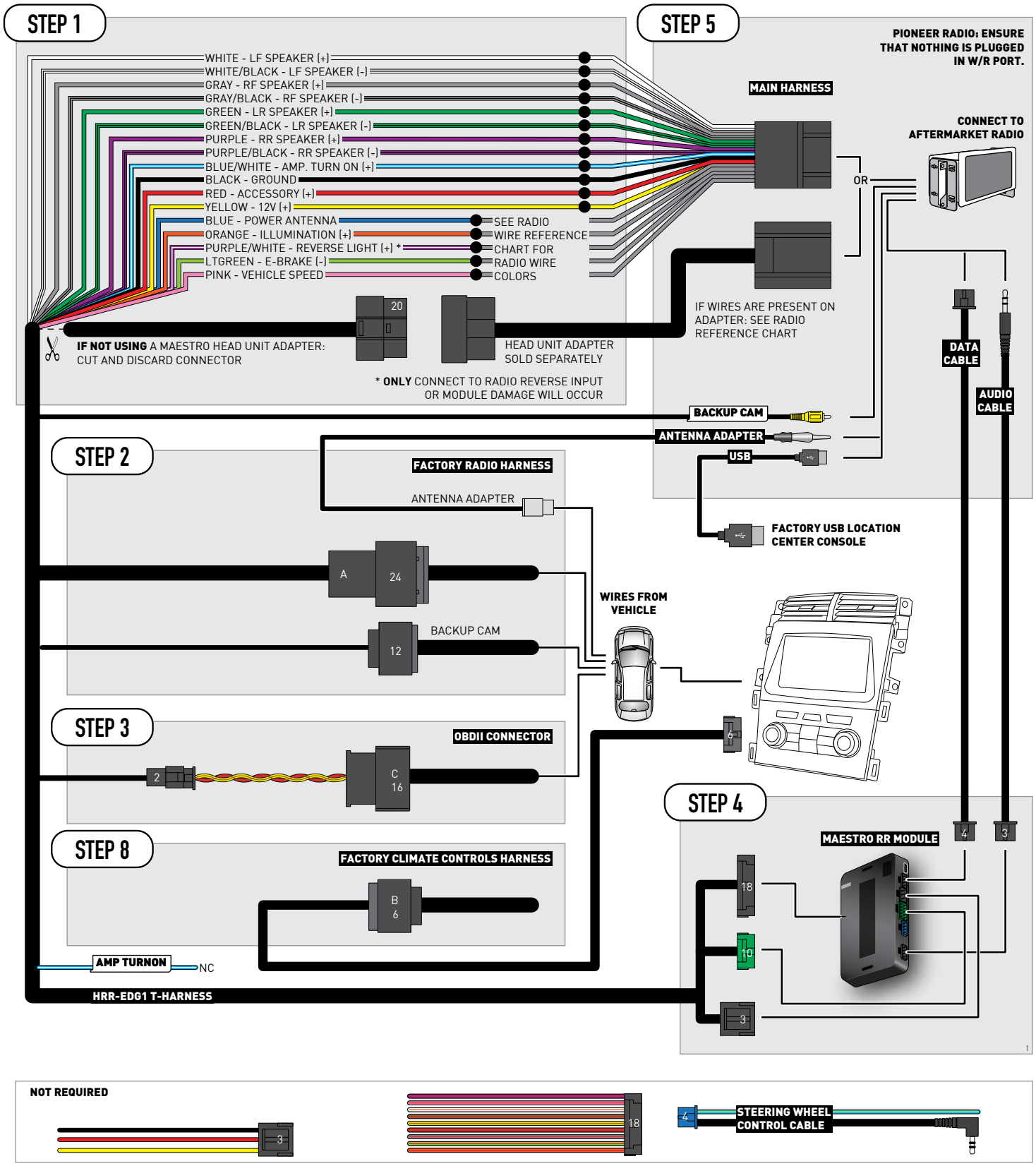


Fig. 3.2

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

EDG1 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).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/ BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. If anything else is connected to the OBD2 or CAN wires of vehicle (programmer, throttle controller, insurance tracker, etc.) try unplugging it to see if gauges work. If gauges work without it installed, call tech support for options. Reset the RR.
There is no sound from OEM sources.	Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. It connects to the radio's Idatalink I/F port, or AUX input if no I/F port is present.
There is no image from the backup camera.	Ensure the 12-pin connector from the factory screen is connected to the 12-pin plug of the EDG1 T-harness.
The light on the Maestro is blinking **RED TWICE** and the radio IS turning on.	Ensure the 4-pin data cable is connected between the radio and the 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 blinking RED TWICE but radio is NOT turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

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

2011-2014
FORD EDGE WITH 4.3" SCREEN
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ADAPTER READY

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iDatalink Maestro EDG1 Dash Kit

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Configuring the RR2's Programmable Outputs	Maestro RR2 Programmable Outputs Guide	
Installation, product information, vehicle specific videos.	VIDEO HELP	
Last flash information, steering control configuration, vehicle information.	VERIFY FLASH	
Software to program module.	WEBLINK	

INSTALLATION INSTRUCTIONS P1 /3

DASH DISASSEMBLY

1. Open center console lid, then remove the trim panels on either side of the radio by firmly pulling upward on them. (Fig. 1.1)
2. Engage the parking brake. Place shifter into the furthest back position and pull down the shift boot. (Fig. 1.2)
3. Remove the two Phillips screws securing the shifter in place. Pull up to remove the shifter and place back into park position. (Fig. 1.3)
4. Remove the four T25 Torx screws from the center console trim. Pull up and disconnect the wiring harness to remove the trim. (Fig. 1.4)
5. Remove the six 7mm screws securing the radio bezel. Pull outward and disconnect the single wiring harness from the back. (Fig. 1.5)
6. Remove the four 7mm screws securing the radio display. Disconnect the wiring harness.
   Remove the four 7mm screws securing the CD player. Disconnect the harnesses and antenna connections. (Fig. 1.6)
7. **Full size DDIN chassis radios** : cut the factory dash as shown for clearance. Not required for radios with top half chassis. (Fig. 1.7)
8. **USB HUB REMOVAL:**
   Press down on the four clips holding the USB hub into the center console. Disconnect the harnesses and remove the hub. (Fig. 1.8)
9. Remove the two 7mm screws securing the vents to the factory trim panel. (Fig. 1.9)
10. Release the four clips at the top of the bezel to remove the vents. (Fig. 1.10)

    Set vents and screws aside for use when reassembling the EDG1 kit.

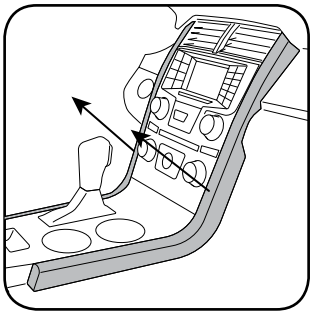


Fig. 1.1

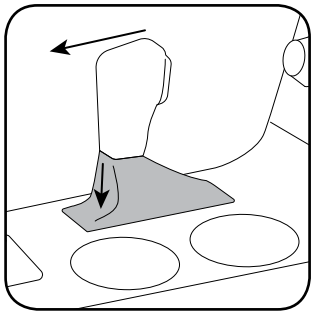


Fig. 1.2

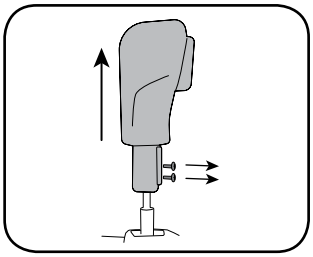


Fig. 1.3

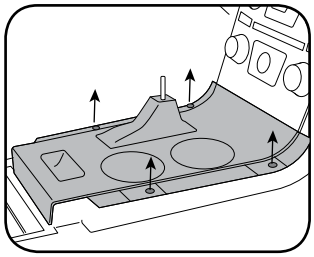


Fig. 1.4

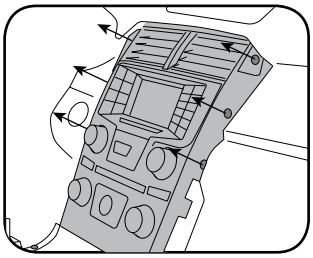


Fig. 1.5

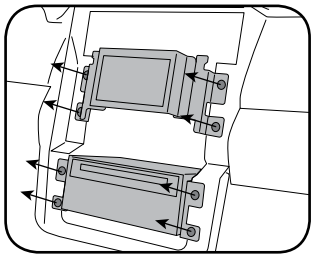


Fig. 1.6

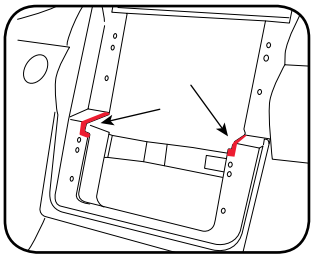


Fig. 1.7

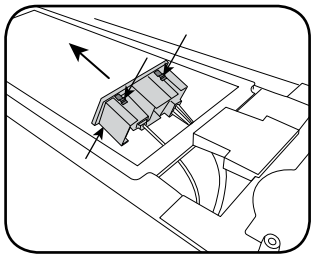


Fig. 1.8

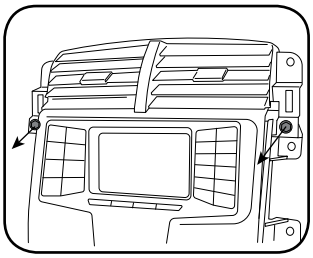


Fig. 1.9

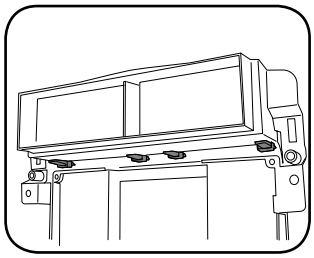


Fig. 1.10

INSTALLATION INSTRUCTIONS P2 /3

ASSEMBLE THE EDG1 DASH KIT

1. Place the double-DIN trim panel onto the EDG1 bezel. Secure it with the seven supplied Phillips screws. Do not overtighten the screws. (Fig. 2.1)
2. Snap the factory vents on the top of the EDG1 bezel and secure them with the two 7mm screws removed earlier. (Fig. 2.2)
3. Place the metal brackets onto the radio and secure using the hardware included with the radio. (Fig. 2.3)

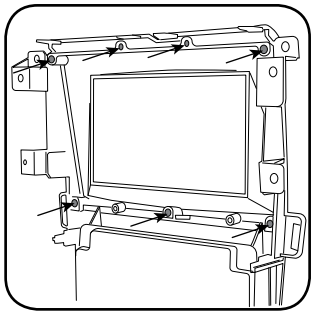


Fig. 2.1

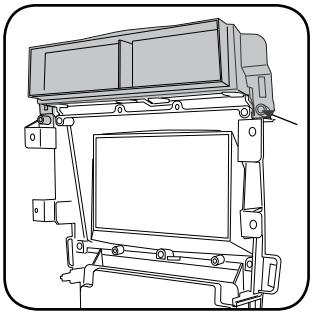


Fig. 2.2

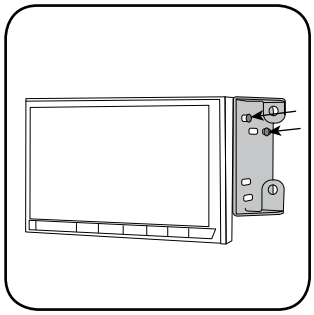


Fig. 2.3

INSTALLATION INSTRUCTIONS P3/3

MAKE CONNECTIONS (refer to wiring diagram)

1. **If using head unit adapter (sold separately), connect HRR-EDG1 harness to adapter and skip to step 2.**

- Locate aftermarket radio's main harness.
- Cut and remove the black 20 pin connector from the HRR-EDG1 T-harness and connect the wires, shown in the wiring diagram, from aftermarket radio main harness to the HRR-EDG1 T-harness and match the wire functions. **Note**: only connect purple/white wire to radio reverse input or module damage will occur.

2. Connect the EDG1 harness to the main factory radio wiring harness.

- Connect the supplied antenna adapter to the factory antenna connection.
- Connect the reverse camera harness to the factory display harness.

3. Route the OBD2 harness to the OBD2 port below the steering wheel/lower dash panel. Plug the harness into the vehicle's OBD2 port and secure the wiring. Connect the black 2-pin plug from the OBD2 harness to the black 2-pin plug on the EDG1 harness.

4. Connect the Maestro module to the EDG1 harness. Connect the 4-pin black data cable and 3-pin audio cable to the Maestro.

- Press the EDG1 harness, Maestro module, and antenna adapter into the dash cavity.

5. Make all connections to the back of the aftermarket radio. Connect the 3-pin to headphone cable to the radio's AUX input (Pioneer) or I/F input. Connect the black 4-pin data cable last.

- Route the supplied USB cables through the factory USB location to the radio cavity. Snap the USB mounting plate into the center console and secure the wiring.

ASSEMBLY

6. Press the radio into the dash cavity and secure it with the four 7mm screws removed earlier. (Fig. 3.1)

7. Connect the correct climate control adapter harness to the factory wiring harness in the lower dash cavity.

   Connect the 6-pin climate control harness to the EDG1 bezel. Press the EDG1 bezel into the dash and secure with the six 7mm screws removed earlier. (Fig. 3.2)

8. Reconnect the wire harness to the center console trim and secure it in place with the four T-25 Torx screws removed earlier.

9. With parking brake engaged, place the shifter into the furthest position back. Reinstall the shifter top, securing it with the two Phillips screws. Slide the boot back into place and move the shifter back to park.

10. Reinstall the side trim panels, making sure the clips snap fully into place

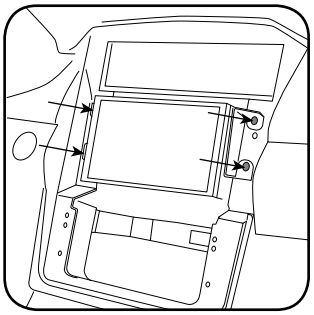


Fig. 3.1

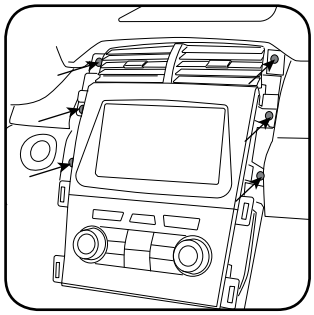
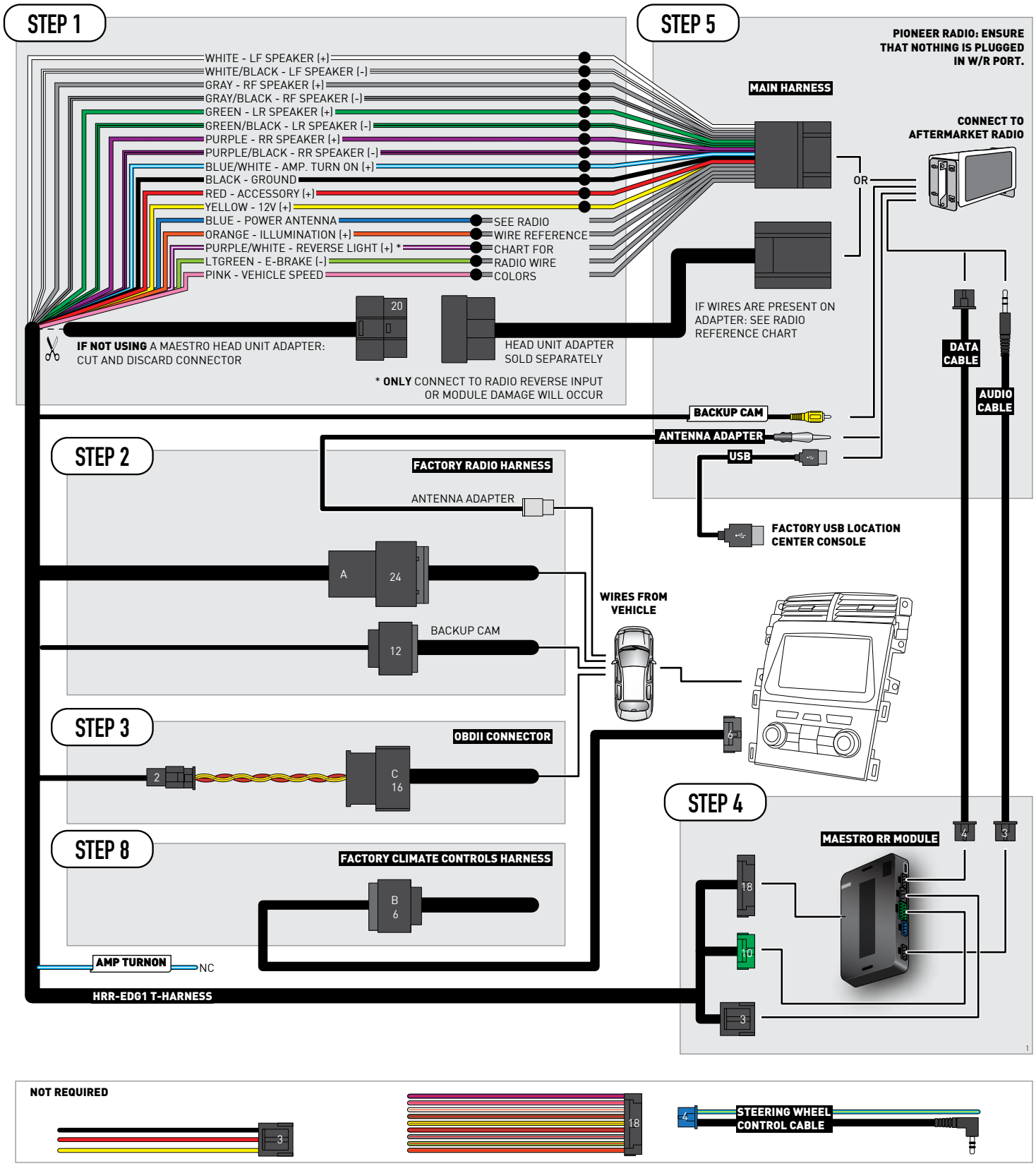


Fig. 3.2

WIRING DIAGRAM



RADIO WIRE REFERENCE CHART

EDG1 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).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII connector is securely attached to the OBD2 connector of the vehicle. If you hardwired connections at the OBDII, check connections at the OBDII connector. Make sure the **RED/BROWN** wire is on **PIN 6** and the **YELLOW/ BROWN** wire is connected to **PIN 14** of the OBDII connector. Do not use T-Taps. Soldering or military splicing methods are recommended. If anything else is connected to the OBD2 or CAN wires of vehicle (programmer, throttle controller, insurance tracker, etc.) try unplugging it to see if gauges work. If gauges work without it installed, call tech support for options. Reset the RR.
There is no sound from OEM sources.	Ensure the all black, 3-pin to 3.5mm audio cable is connected between the RR and the radio. It connects to the radio's Idatalink I/F port, or AUX input if no I/F port is present.
There is no image from the backup camera.	Ensure the 12-pin connector from the factory screen is connected to the 12-pin plug of the EDG1 T-harness.
The light on the Maestro is blinking **RED TWICE** and the radio IS turning on.	Ensure the 4-pin data cable is connected between the radio and the 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 blinking RED TWICE but radio is NOT turning on.	If installing a modular radio and it is not turning on, ensure the screen is secured and any trim pieces on the radio have been installed fully. Not installing these fully will prevent radio from powering up and show a 2x red error as well. Test red and yellow wires for DC voltage at radio using a multimeter. Contact support if no voltage on red or yellow.

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.