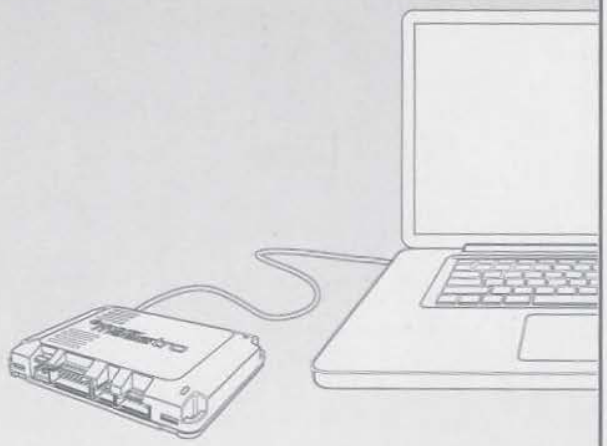
idatalink maestro

SW | AR | AR | SW HD

QUICK START GUIDE



FOLLOW THE WEB PROGRAMMING STEPS INSIDE **PRIOR TO INSTALLATION.**

ADS AUTOMOTIVE DATA SOLUTIONS

2019/06

WEB PROGRAMMING

1- INSTALL THE WEBLINK DESKTOP APPLICATION
Go to **www.idatalinkmaestro.com/plugin,** select your software version (Mac or PC) and follow the installation steps. Be sure to review the system requirements before installing.

2- REGISTER A WEBLINK ACCOUNT
Once installed, complete the Weblink registration process and log into Weblink.

3- CONNECT THE MODULE TO YOUR COMPUTER
Use the included USB cable to connect your iDatalink Maestro module to your computer.

4- WEBLINK PROGRAMMING
Follow the programming steps until your module is flashed, then download your install guide and owner's manual if applicable.

5- COMPLETE VEHICLE-SPECIFIC INSTALLATION
Follow the steps in your install guide and complete the installation. ADS recommends having your iDatalink Maestro device installed by a certified technician. **Additional accessories may be required and sold separately.**

ADS AUTOMOTIVE DATA SOLUTIONS

TECHNICAL SUPPORT
877.212.6169
idatalinkmaestro.com

LIMITED 1-YEAR WARRANTY

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

"Authorized Dealer" is defined by ADS as a company who qualifies to purchase products directly from ADS, or one of its approved distributors. Thus, products not sold nor installed by an Authorized Dealer are not covered by this warranty. This includes, but is not limited to, ADS products sold on Amazon.com, eBay.com, Walmart.com and Newegg.com. To find an authorized retailer near you, visit http://maestro.idatalink.com/find-product.

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, damages for loss of time, loss of earnings, commercial loss, loss of economic opportunity and the like that may or may not have resulted from the installation or operation of an iDatalink Maestro product.

ADS AUTOMOTIVE DATA SOLUTIONS

TECHNICAL SUPPORT
877.212.6169
idatalinkmaestro.com

INSTALL GUIDE

DODGE, JEEP AND RAM VEHICLES
(SEE DETAILS INSIDE)

CH3-RR2-DS-(APX-FL-CH2)-EN

RETAINS STEERING WHEEL CONTROLS AND MORE!

HEAD UNIT
ADAPTER READY

PRODUCTS REQUIRED

iDatalink Maestro RR2 Radio Replacement Interface
iDatalink Maestro APX-FL-CH2 Dash Kit
Kenwood APX radios

PROGRAMMED FIRMWARE: CH3-RR2-DS

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

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR2 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 RR2 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

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

HEAD UNIT ADAPTER:
ACC-HU-KEN1

MIC1
(Factory microphoneinterface module)

NAV1
(Navigation antenna adapter)

Radar Detectors

K40 ELECTRONICS ESCORT

Radar Installation Guides

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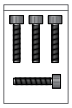
APX-FL-CH2 COMPONENTS

QUICK START GUIDE

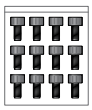
3MVHB
for mounting RR/RR2 module.

SM5-6P*4
4x (M5 6mm screw)

SM5-35S*4
4x (M5 35mm socket head screw)



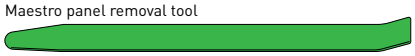
SM5-8S*12
12x (M5 8mm socket head screw)



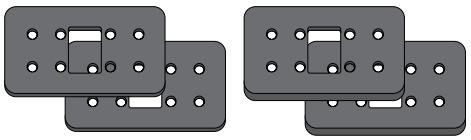
SM5-45S*4
4x (M5 45mm socket head screw)

Hexagonal tool

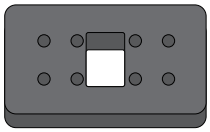
Maestro panel removal tool



SPACER: 2x 2mm, 2x 5mm

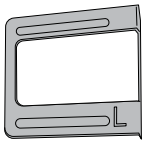


SCREEN MOUNTING BLOCK

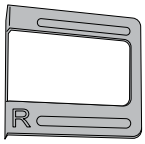


RADIO CHASSIS BRACKETS

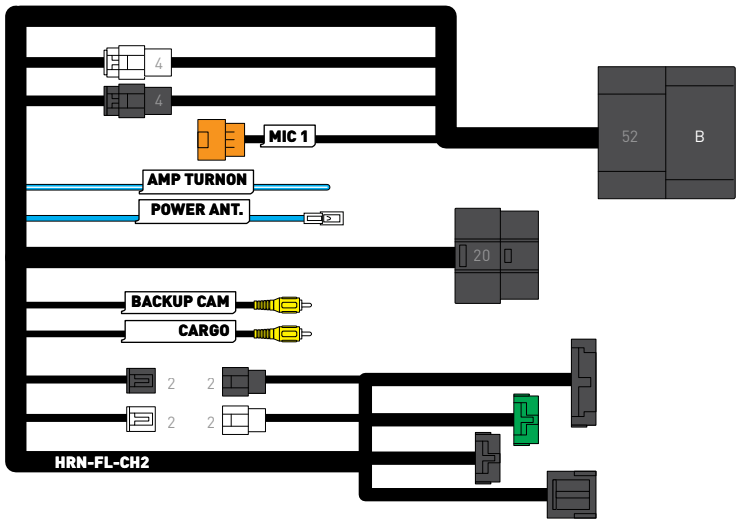
LEFT (L)



RIGHT (R)



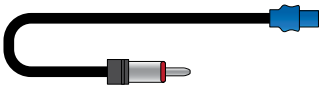
MAIN HARNESS HRN-FL-CH2



CABLES (A)

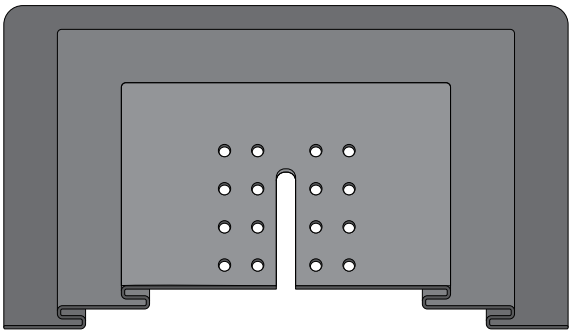
OBDII CABLE (C)

AM/FM ANTENNA ADAPTER

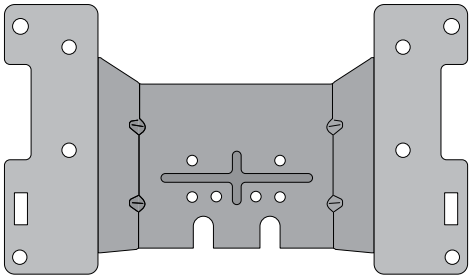


SCREEN COVER INSERTS

REAR SCREEN COVER PLATE (RUBBER)



MAIN BRACKET



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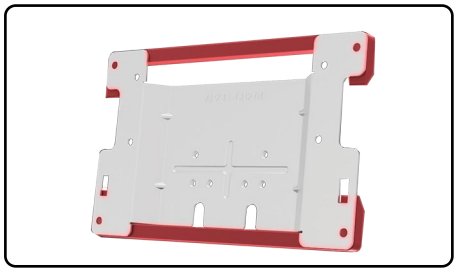
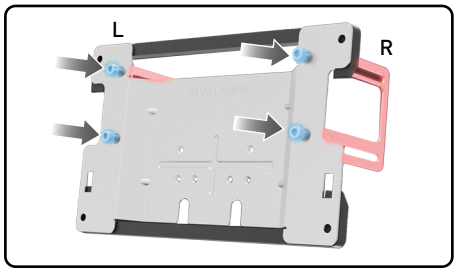
DASH KIT ASSEMBLY P1 /1

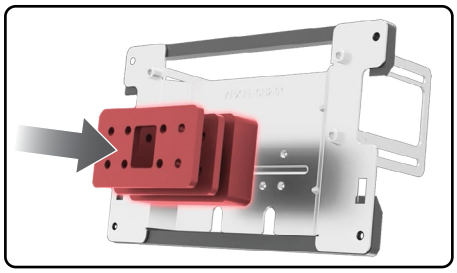
1. There are 2 plastic spacers that will need to go behind the FL-CH2 bracket in the vehicle. These do not attach to the bracket.



2. Secure the metal mounting brackets to the main FL-CH2 bracket with the four (4) M5 screws.

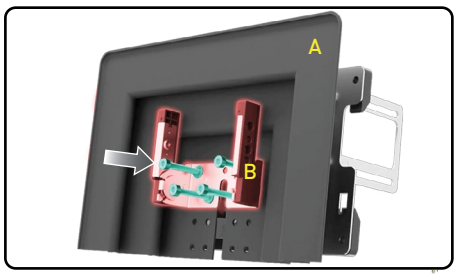


3. Place the plastic mounting block onto the metal bracket. Use the optional spacers to position the screen at the desired distance.

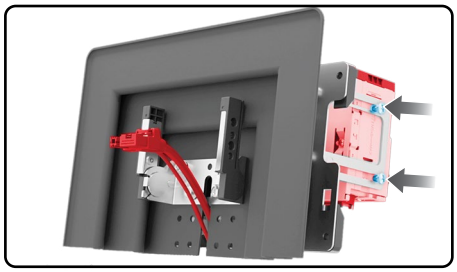


4. Position the rubber cover panel onto the bracket.

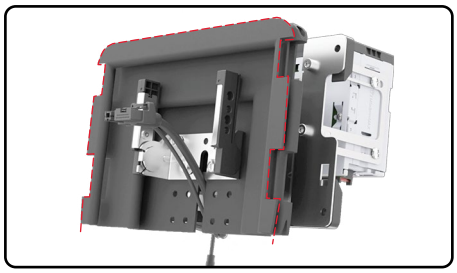
Position the 10" radio bracket on to the rubber cover panel. Then, secure the bracket with the four (4) M5 screws and washers.



5. Rotate the radio brain to the vertical position and slide it into the bracket. Then, secure it with the hardware provided with the radio.



6. You will need to trim the rubber cover panel to fit the radio bezel. We recommend doing this once installed into the vehicle.



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VEHICLE LIST

MAKE	MODEL*	TRIM	YEAR	INSTALL TYPE	NOTE
DODGE	Durango		14-22	01	
JEEP	Cherokee		14-22	02	
	Compass		17-22	04	
	Grand Cherokee		15-21	03	
	Renegade		15-21	06	
RAM	1500	3", 5", 8.4" screen	13-18	05	
	2500 / 3500	3", 5", 8.4" screen	13-18	05	
	1500 Classic	3", 5", 8.4" screen, Uconnect 4	19-23	05	Uconnect 5 : not supported

* Click on your model to go to the related install type instruction page.

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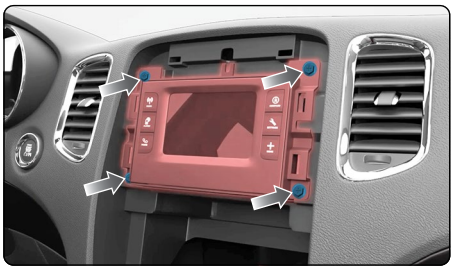
DASH DISASSEMBLY P1/1

INSTALL TYPE-01

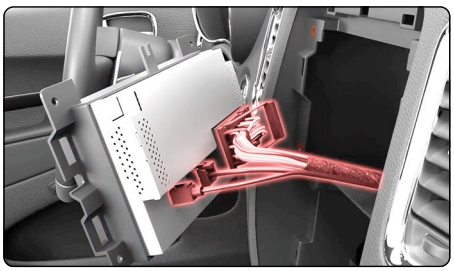
NOTE: This installation is quite difficult. Although this guide offers step-by-step instructions, we strongly recommend professional installation.

1. Using the supplied panel tool, release the clips securing the dash bezel. Disconnect the single harness from the back.

2. Remove the four (4) 7mm screws securing the factory radio.



3. Remove the factory radio. Disconnect the wiring harness, USB and antenna connections.



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INSTALL AND CONNECT P1 /3

INSTALL TYPE-01

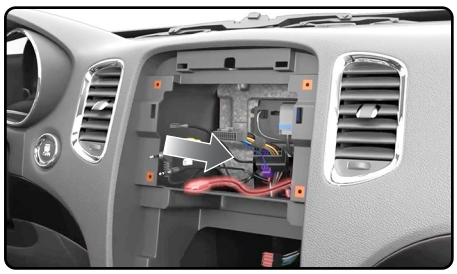
1. Determine if the vehicle has a factory amplifier and configure FL-CH2 4-pin black and white connectors as shown in the wiring diagram.

   Connect the FL-CH2 harness to the main factory wiring harness.

2. Connections to Maestro module: FL-CH2 harness, 4-pin data cable and 3.5mm audio cable (the data and 3.5mm audio cables are provided with the Maestro module).

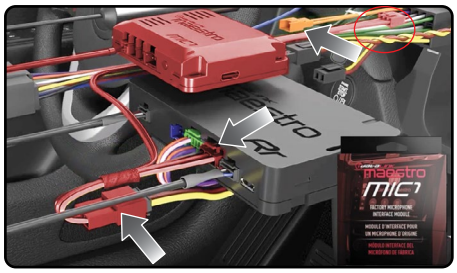
3. Connect the supplied antenna adapter to the factory antenna connection.

4. Route the USB cable provided with the radio to the desired location.



5. You will need to install the Bluetooth microphone and GPS antenna to their recommended locations by the radio manufacturer OR use the optional MIC1 and NAV1 to retain the factory Microphone and GPS antenna (if equipped).

   OPTIONAL (sold separately): Connect the MIC1 to the 3-pin power plug on the FL-CH2 T-harness. Then, connect the orange 3-pin plug to the FL-CH2 T-harness (orange MIC connector).



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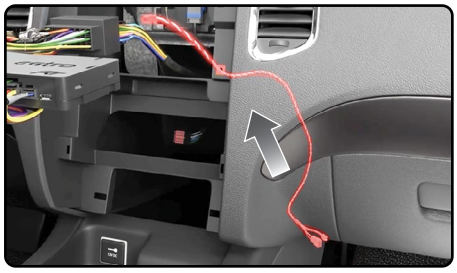
INSTALL AND CONNECT P2 /3

INSTALL TYPE-01

6A. Pull down the carpet in the passenger foot well to gain access to the junction block connector.

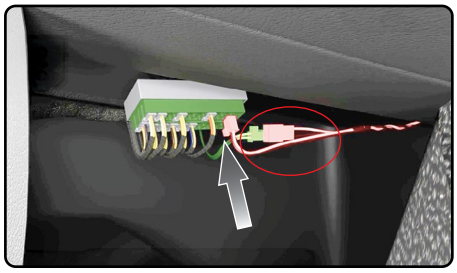
Route the twisted **A** cable from the lower dash to the radio location. (2018-2022)



2018 +

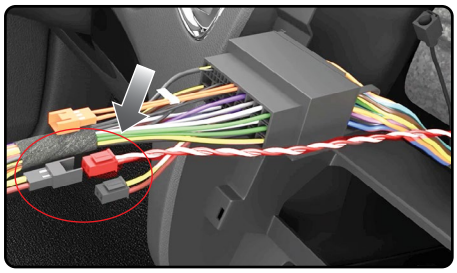
6B. Locate the green Star connector Can junction below the center console. Disconnect any of the 2-Pin connectors and connect it to the 2-pin plug. Then connect the opposite end back into the junction block.

Reinstall the carpet. (2018-2022)



2018 +

6C. Unplug 2-pin black connectors on main FL-CH2 harness. Connect **A** harness to main FL-CH2 T-harness. (2018-2022)

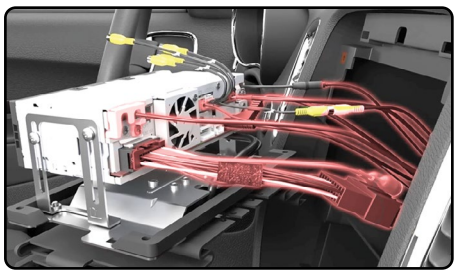


2018 +

---

7. Press the FL-CH2 T-harness, Maestro module and antenna adapter into the radio dash cavity.

Make all connections to the back of the aftermarket radio (use head unit adapter OR cut connector from the FL-CH2 harness and connect the wires as shown in the wiring diagram). Make sure to connect the 4-pin data cable to the iDatalink I/F port and 3.5mm audio cable to the iDatalink I/F port.



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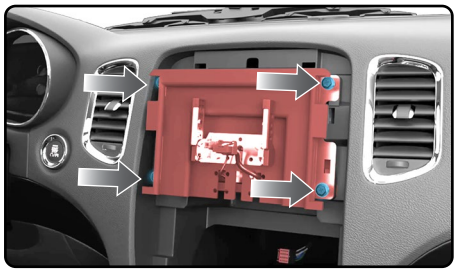
8. Press the FL-CH2 bracket and radio chassis into the dash cavity. Then, secure it with the four (4) Philips screws removed earlier.



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9. Reconnect the wiring harness to the back of the radio bezel. Then, snap it back in place ensuring enough clearance with rubber pad, trim as necessary.

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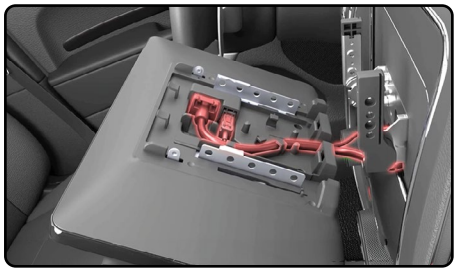
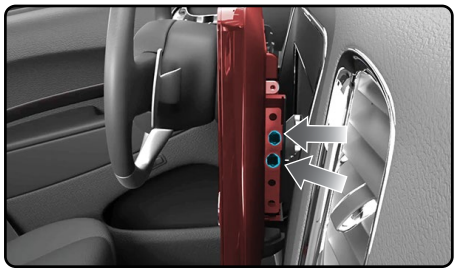
INSTALL AND CONNECT P3 /3

INSTALL TYPE-01

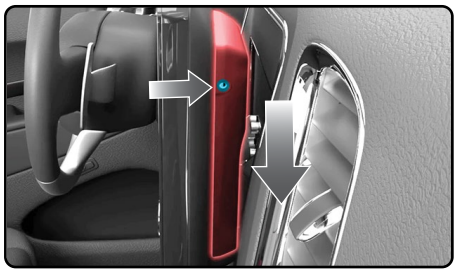
10. Connect the display cables to the back of the screen.



11. Secure the screen to the bracket with the hardware supplied with the radio.



12. Slide the back cover in to place and secure it with the two (2) Phillips screws provided with the radio.



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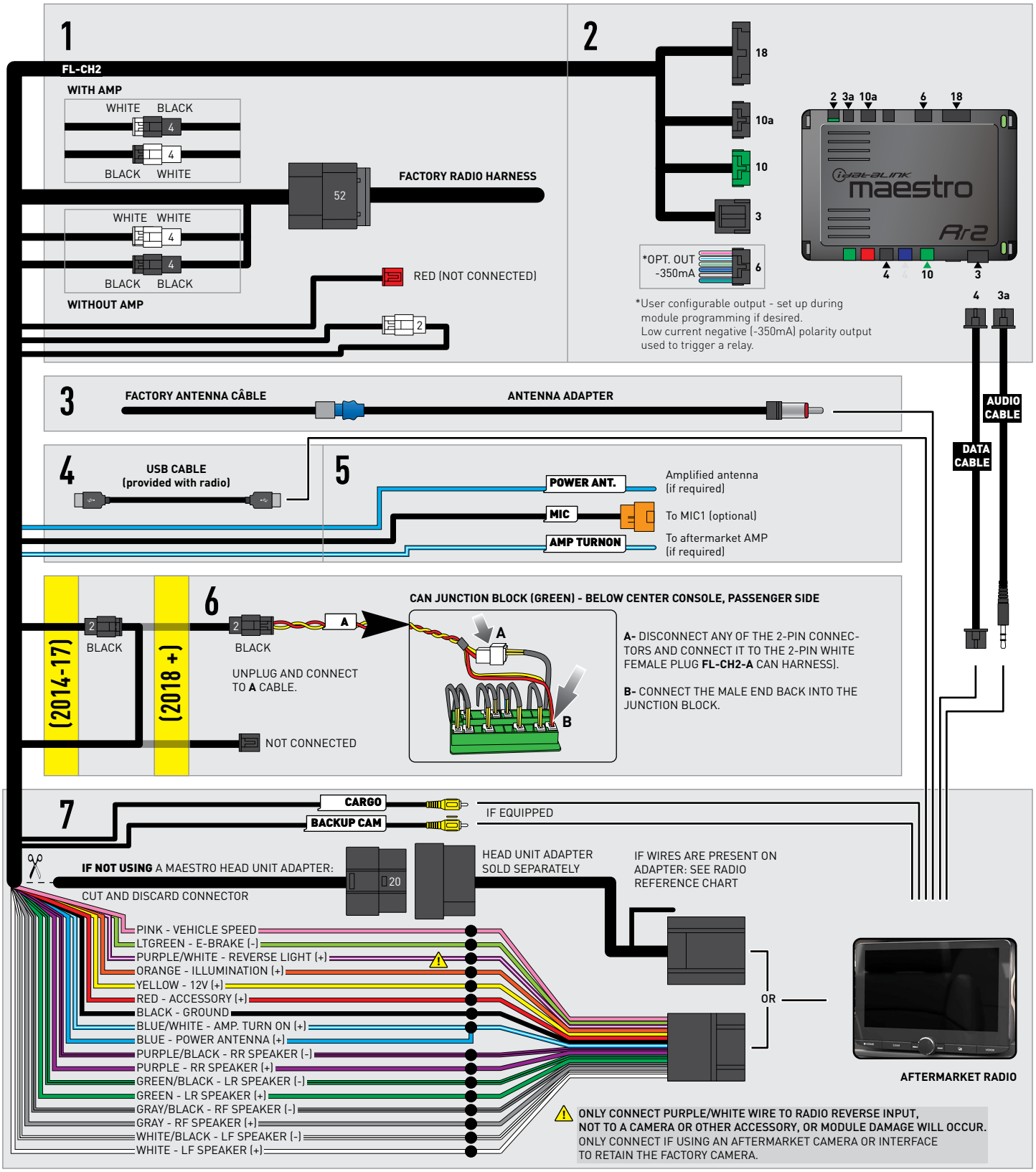
WIRING DIAGRAM

INSTALL TYPE-01

SOME CABLES INCLUDED WITH MAESTRO MODULE ARE NOT USED



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DASH DISASSEMBLY P1/1

INSTALL TYPE-02

NOTE: This installation is quite difficult. Although this guide offers step-by-step instructions, we strongly recommend professional installation.

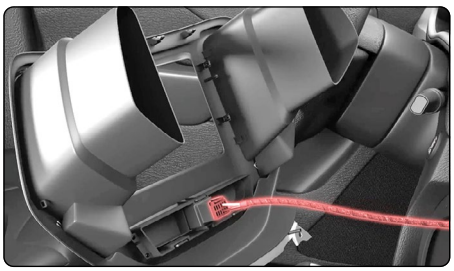
1. Engage the parking brake and place the gear selector into rear most position.

Using a panel tool, carefully pry outward on the climate control panel to release the clips securing it in place. Then, disconnect the wiring harness from the back.

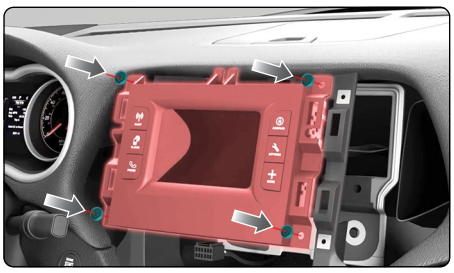
2. Place the gear selector back into park.

Next, remove the two (2) Phillips head screws at the base of radio trim. Then using a panel tool, pry outward to release the clips securing it in place.

3. Disconnect the wiring harness from the back of the radio bezel.



4. Remove the four (4) Phillips screws securing the radio into the dash.



5. Remove the factory radio from the dash and disconnect the main wiring harness, antenna connections and USB from the back.

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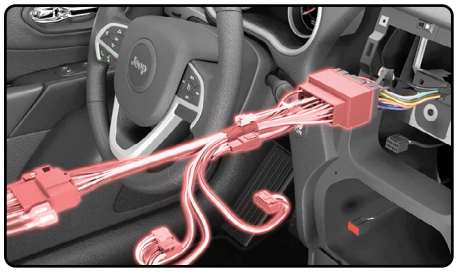
INSTALL AND CONNECT P1 /3

INSTALL TYPE-02

1. Determine if the vehicle has a factory amplifier and configure FL-CH2 4-pin black and white connectors as shown in the wiring diagram.

Connect the FL-CH2 harness to the main factory wiring harness.



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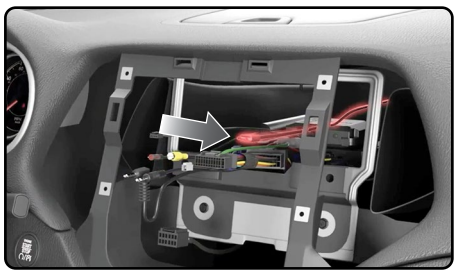
2. Connections to Maestro module: FL-CH2 harness, 4-pin data cable and 3.5mm audio cable (the data and 3.5mm audio cables are provided with the Maestro module).

---

3. Connect the supplied antenna adapter to the factory antenna connection.

---

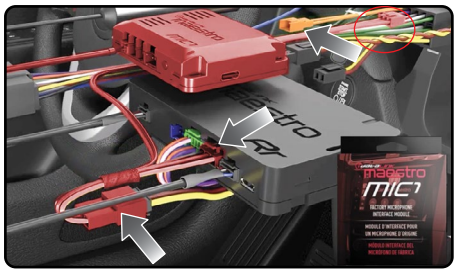
4. Route the USB cable provided with the radio to the desired location.



---

5. You will need to install the Bluetooth microphone and GPS antenna to their recommended locations by the radio manufacturer OR use the optional MIC1 and NAV1 to retain the factory Microphone and GPS antenna (if equipped).

OPTIONAL (sold separately): Connect the MIC1 to the 3-pin power plug on the FL-CH2 T-harness. Then, connect the orange 3-pin plug to the FL-CH2 T-harness (orange MIC connector).



2

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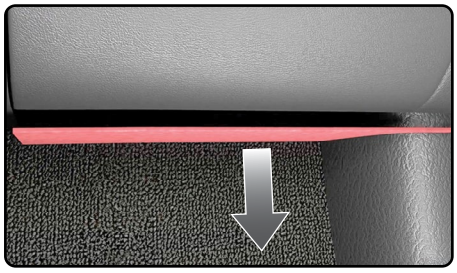
INSTALL AND CONNECT P2 /3

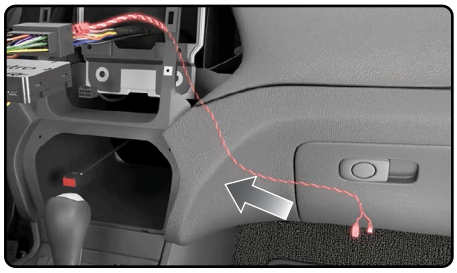
INSTALL TYPE-02

6A. Pull down the cover under the storage compartment to gain access to the Star connector Can junction (2019-2023)



2019 +

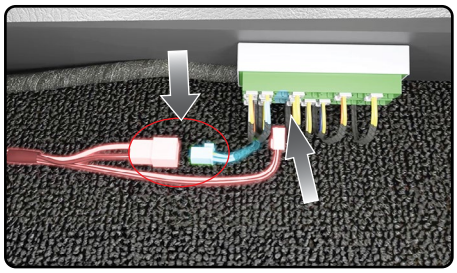
6B. Route the twisted **A** cable from the lower dash to the radio location. (2019-2023)



2019 +

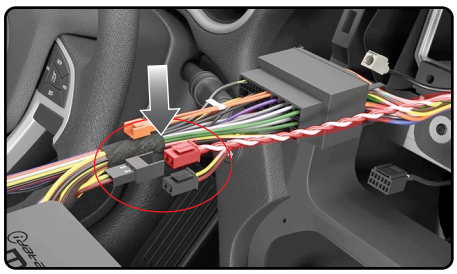
6C. Locate the green Star connector Can junction below the glove box cavity. Disconnect any of the 2-Pin connectors and connect it to the 2-pin plug. Then connect the opposite end back into the junction block.

Reinstall the lower dash panel. (2019-2023)



2019 +

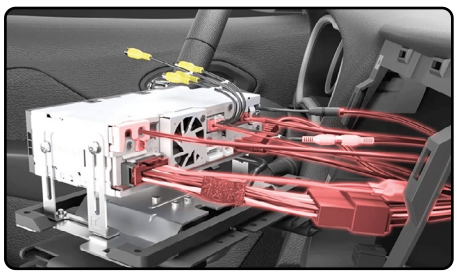
6D. Unplug 2-pin black connectors on main FL-CH2 harness. Connect **A** harness to main FL-CH2 T-harness. (2019-2023)



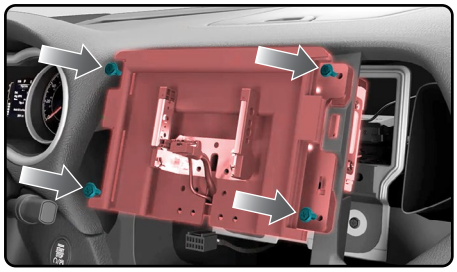
2019 +

7. Press the FL-CH2 T-harness, Maestro module and antenna adapter into the radio dash cavity.

Make all connections to the back of the aftermarket radio (use head unit adapter OR cut connector from the FL-CH2 harness and connect the wires as shown in the wiring diagram). Make sure to connect the 4-pin data cable to the iDatalink I/F port and 3.5mm audio cable to the iDatalink I/F port.



8. Press the FL-CH2 bracket and radio chassis into the dash cavity. Then, secure it with the four (4) Phillips screws removed earlier.



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INSTALL AND CONNECT P3 /3

INSTALL TYPE-02

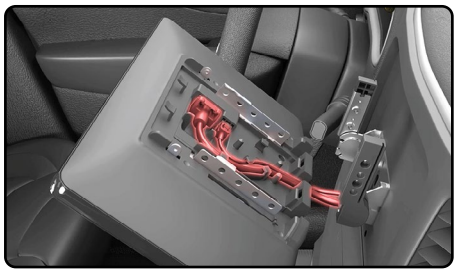
9. Reconnect the wiring harness to the back of the radio bezel. Then, snap it back in place ensuring enough clearance with rubber pad, trim as necessary. Secure it with the two (2) Phillips screws removed earlier.

10. Engage the parking brake and place the gear position selector into rear most position.

Reconnect the climate control panel and snap it into place.

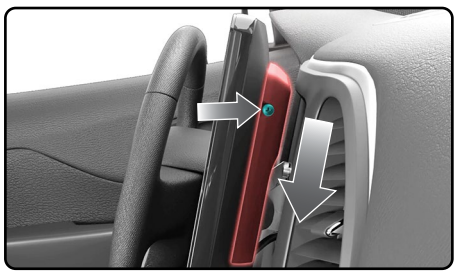
Place the gear selector back into park.

11. Connect the display cables to the back of the screen.



12. Secure the screen to the bracket with the hardware supplied with the radio.

13. Slide the back cover in to place and secure it with the two (2) Phillips screws provided with the radio.



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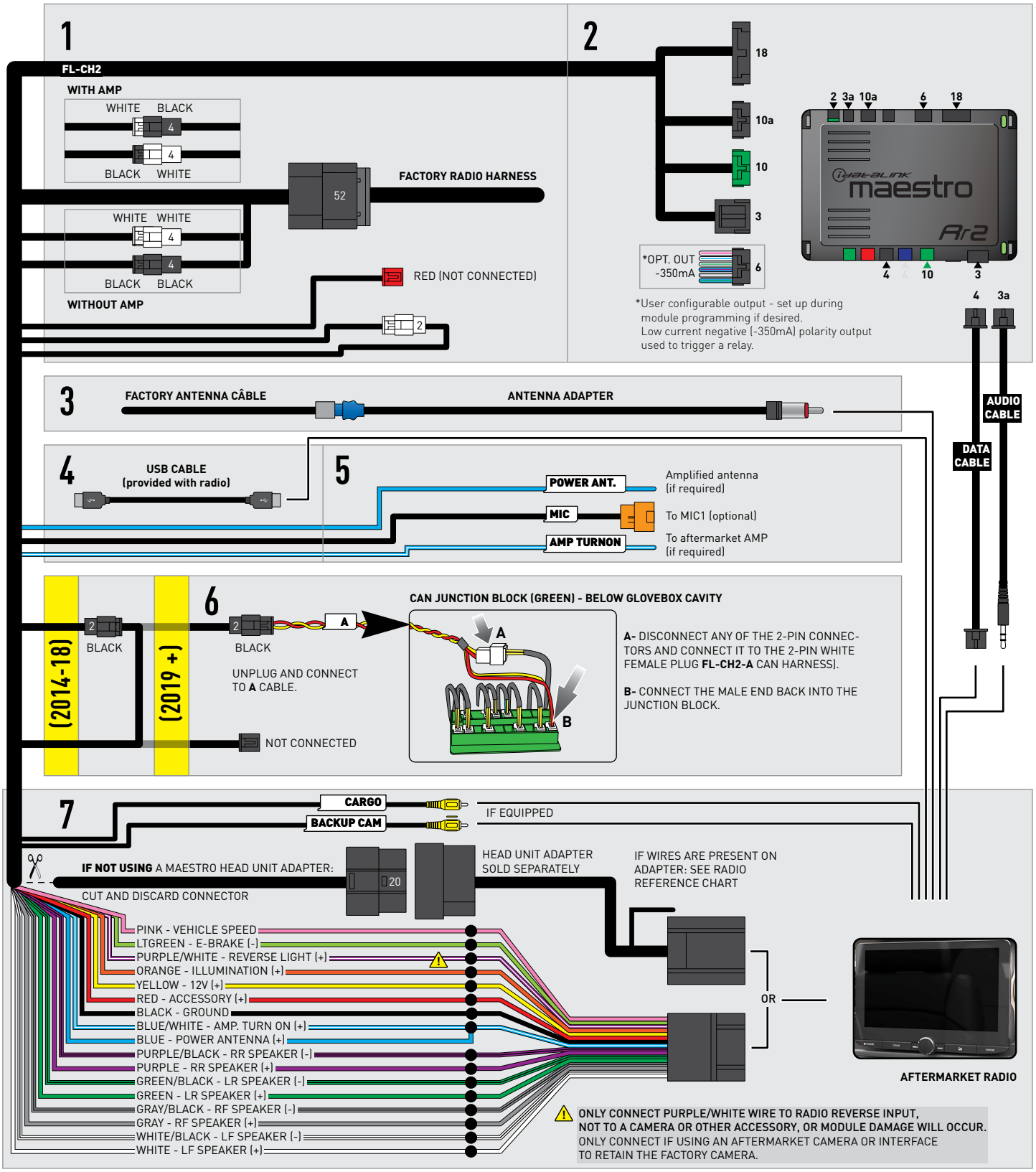
WIRING DIAGRAM

INSTALL TYPE-02

SOME CABLES INCLUDED WITH MAESTRO MODULE ARE NOT USED



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DASH DISASSEMBLY P1/1

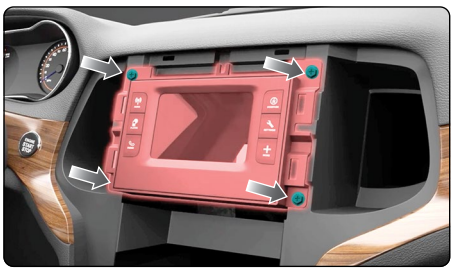
INSTALL TYPE-03

NOTE: This installation is quite difficult. Although this guide offers step-by-step instructions, we strongly recommend professional installation.

1. Using the supplied panel tool, pry outward to release the clips securing the radio trim bezel it in place.

2. Disconnect the single wiring harness from the back.

3. Remove the four (4) Phillips screws securing the radio into the dash.



4. Remove the factory radio from the dash and disconnect the main wiring harness, antenna connections and USB from the back.

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INSTALL AND CONNECT P1 /3

INSTALL TYPE-03

1. Determine if the vehicle has a factory amplifier and configure FL-CH2 4-pin black and white connectors as shown in the wiring diagram.

Connect the FL-CH2 harness to the main factory wiring harness.

---

2. Connections to Maestro module: FL-CH2 harness, 4-pin data cable and 3.5mm audio cable (the data and 3.5mm audio cables are provided with the Maestro module).

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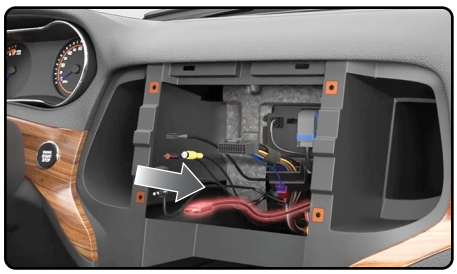
3. Connect the supplied antenna adapter to the factory antenna connection.

---

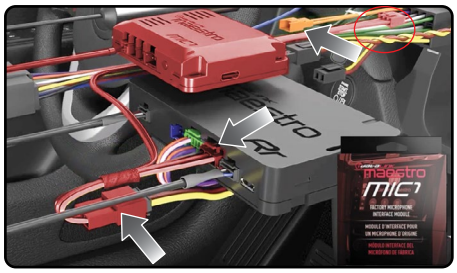
4. Route the USB cable provided with the radio to the desired location.



---

5. You will need to install the Bluetooth microphone and GPS antenna to their recommended locations by the radio manufacturer OR use the optional MIC1 and NAV1 to retain the factory Microphone and GPS antenna (if equipped).

OPTIONAL (sold separately): Connect the MIC1 to the 3-pin power plug on the FL-CH2 T-harness. Then, connect the orange 3-pin plug to the FL-CH2 T-harness (orange MIC connector).



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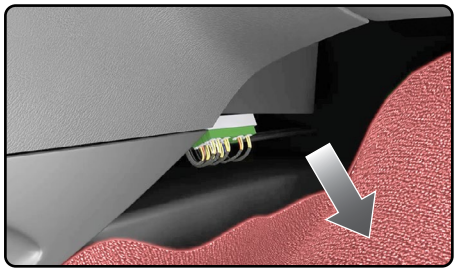
INSTALL AND CONNECT P2 /3

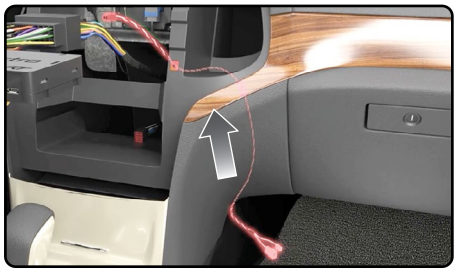
INSTALL TYPE-03

6A. Pull down the carpet at the front of the center console, in the passenger side foot well, to gain access to the Star connector Can junction (2018-2022)



2018 +

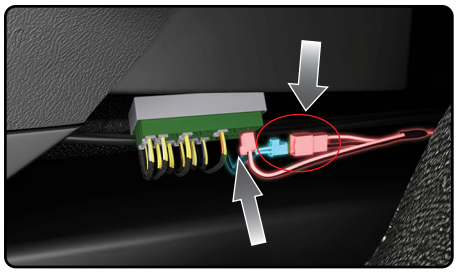
6B. Route the twisted **A** cable from the lower dash to the radio location. (2018-2022)



2018 +

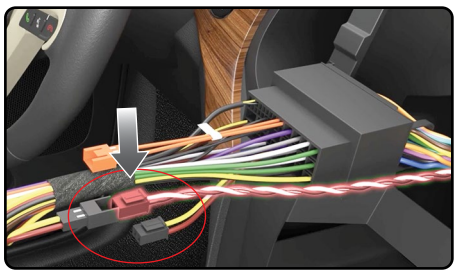
6C. Locate the green Star connector Can junction behind the carpet. Disconnect any of the 2-Pin connectors and connect it to the 2-pin plug. Then connect the opposite end back into the junction block.

Reinstall the carpet. (2018-2022)



2018 +

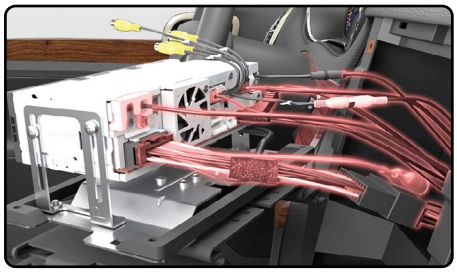
6D. Unplug 2-pin black connectors on main FL-CH2 harness. Connect **A** harness to main FL-CH2 T-harness. (2018-2022)



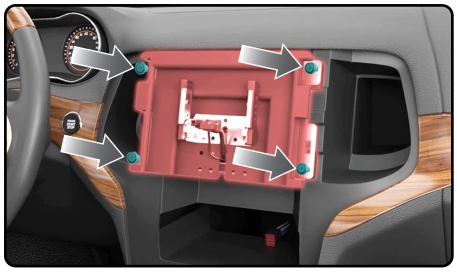
2018 +

7. Press the FL-CH2 T-harness, Maestro module and antenna adapter into the radio dash cavity.

Make all connections to the back of the aftermarket radio (use head unit adapter OR cut connector from the FL-CH2 harness and connect the wires as shown in the wiring diagram). Make sure to connect the 4-pin data cable to the iDatalink I/F port and 3.5mm audio cable to the iDatalink I/F port.



8. Press the FL-CH2 bracket and radio chassis into the dash cavity. Then, secure it with the four (4) Phillips screws removed earlier.



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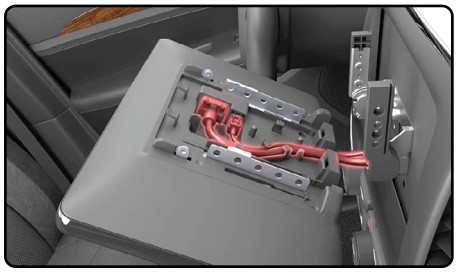
INSTALL AND CONNECT P3 /3

INSTALL TYPE-03

9. Reconnect the wiring harness to the back of the radio bezel. Then, snap it back in place ensuring enough clearance with rubber pad, trim as necessary.

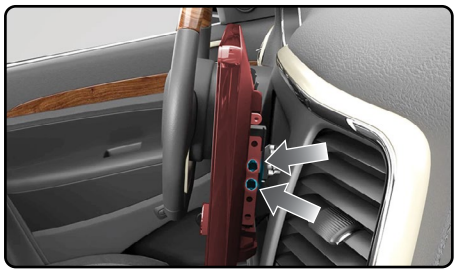
---

10. Connect the display cables to the back of the screen.



---

11. Secure the screen to the bracket with the hardware supplied with the radio.



---

12. Slide the back cover in to place and secure it with the two (2) Phillips screws provided with the radio.

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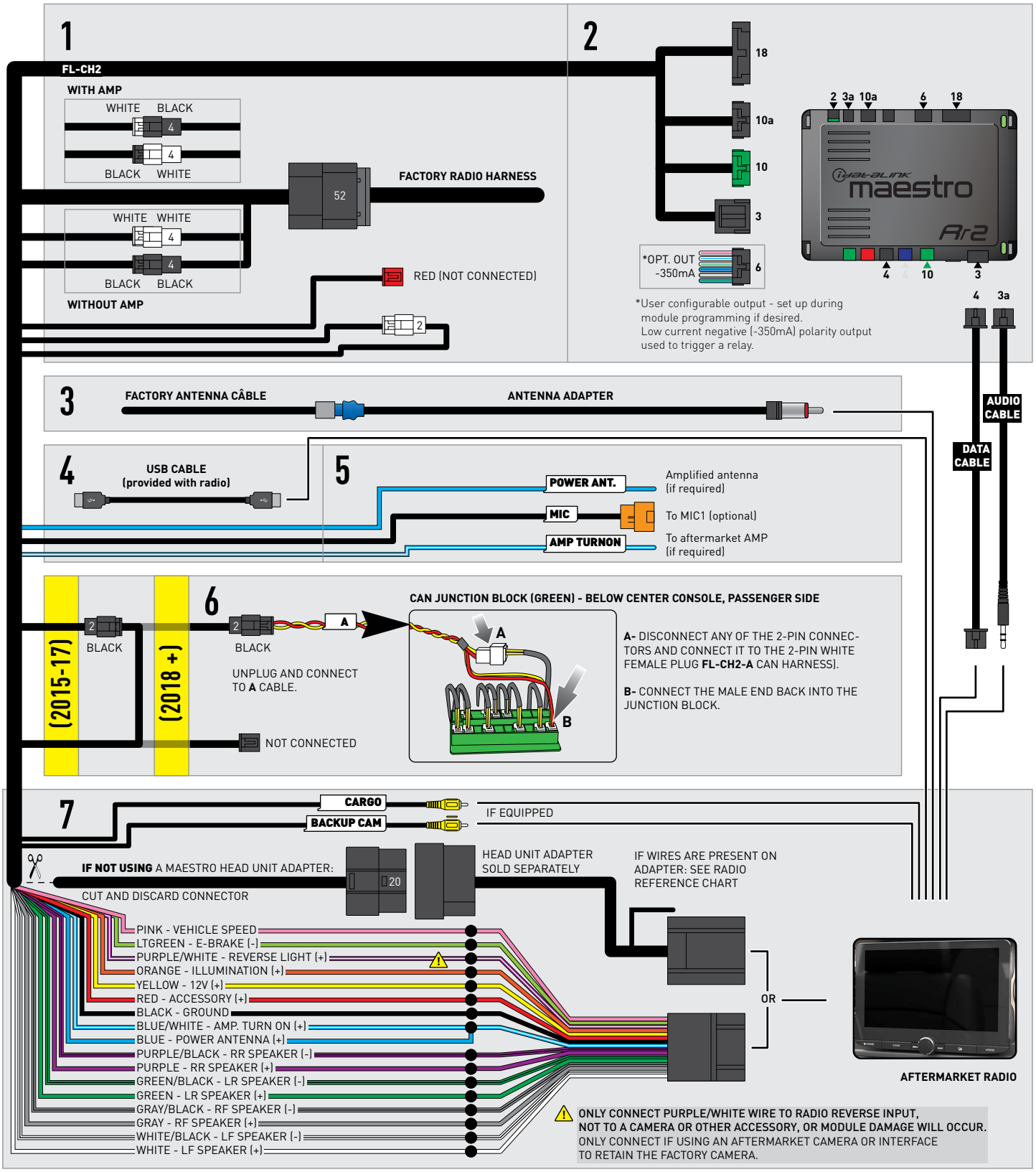
WIRING DIAGRAM

INSTALL TYPE-03

SOME CABLES INCLUDED WITH MAESTRO MODULE ARE NOT USED



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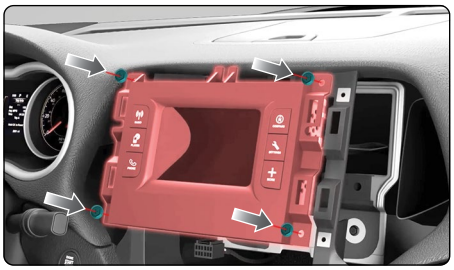
DASH DISASSEMBLY P1/1

NOTE: This installation is quite difficult. Although this guide offers step-by-step instructions, we strongly recommend professional installation.

1. Using a panel tool, carefully pry outward on the climate control panel to release the clips securing it in place.

2. Remove the four (4) Phillips screws securing the radio into the dash.



3. Remove the factory radio from the dash and disconnect the main wiring harness, antenna connections and USB from the back.

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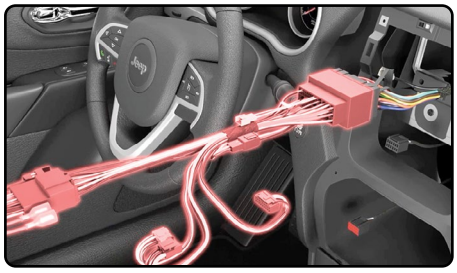
INSTALL AND CONNECT P1 /3

INSTALL TYPE-04

1. Determine if the vehicle has a factory amplifier and configure FL-CH2 4-pin black and white connectors as shown in the wiring diagram.

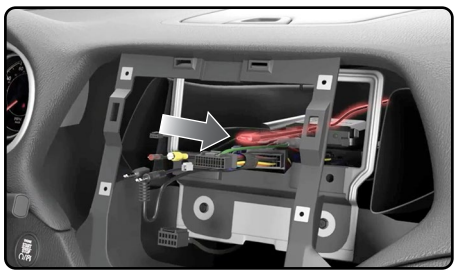
   Connect the FL-CH2 harness to the main factory wiring harness.



2. Connections to Maestro module: FL-CH2 harness, 4-pin data cable and 3.5mm audio cable (the data and 3.5mm audio cables are provided with the Maestro module).

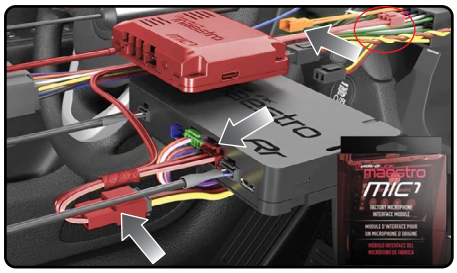
3. Connect the supplied antenna adapter to the factory antenna connection.

4. Route the USB cable provided with the radio to the desired location.



5. You will need to install the Bluetooth microphone and GPS antenna to their recommended locations by the radio manufacturer OR use the optional MIC1 and NAV1 to retain the factory Microphone and GPS antenna (if equipped).

OPTIONAL (sold separately): Connect the MIC1 to the 3-pin power plug on the FL-CH2 T-harness. Then, connect the orange 3-pin plug to the FL-CH2 T-harness (orange MIC connector).



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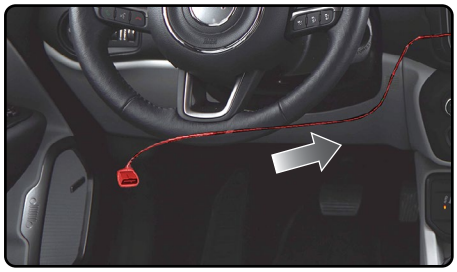
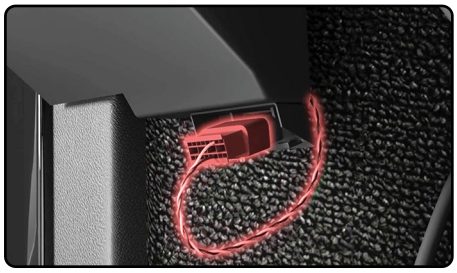
INSTALL AND CONNECT P2 /3

INSTALL TYPE-04

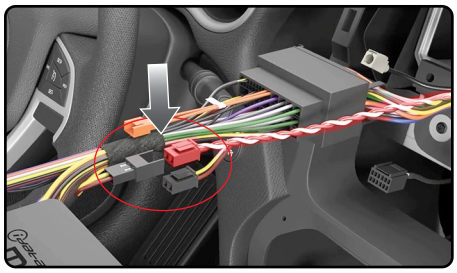
6A. Route the OBDII **C** cable from under driver side dash to the radio location. (2017-2018 only)


2017-18

6B. Connect the OBDII **C** cable to OBDII plug in vehicle. (2017-2018 only)

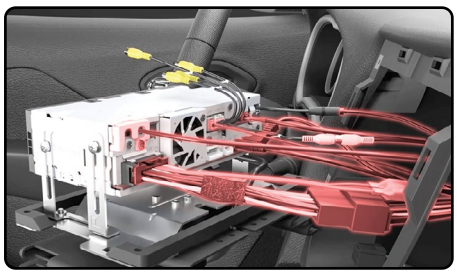

2017-18

6C. Unplug 2-pin black connectors on main FL-CH2 harness. Connect OBDII **C** harness to main FL-CH2 T-harness. (2017-2018 only)

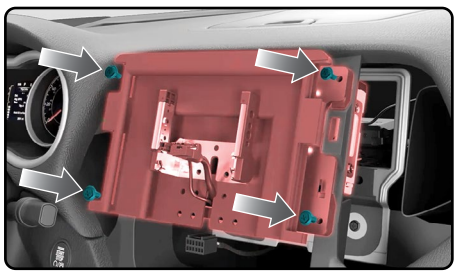

2017-18

7. Press the FL-CH2 T-harness, Maestro module and antenna adapter into the radio dash cavity.

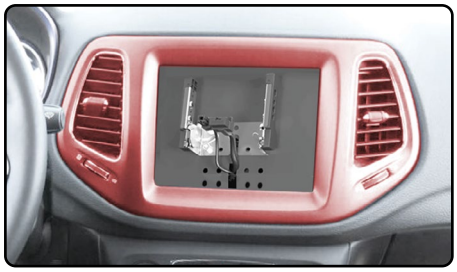
Make all connections to the back of the aftermarket radio (use head unit adapter OR cut connector from the FL-CH2 harness and connect the wires as shown in the wiring diagram). Make sure to connect the 4-pin data cable to the iDatalink I/F port and 3.5mm audio cable to the iDatalink I/F port.



8. Press the FL-CH2 bracket and radio chassis into the dash cavity. Then, secure it with the four (4) Phillips screws removed earlier.



9. Snap the radio bezel back in place ensuring enough clearance with rubber pad, trim as necessary.



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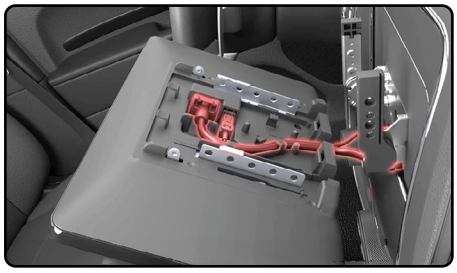
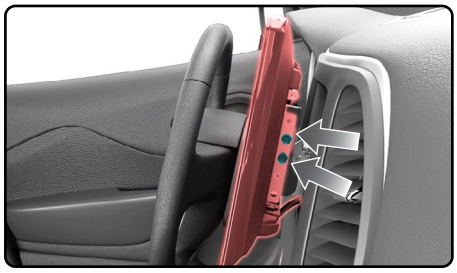
INSTALL AND CONNECT P3 /3

INSTALL TYPE-04

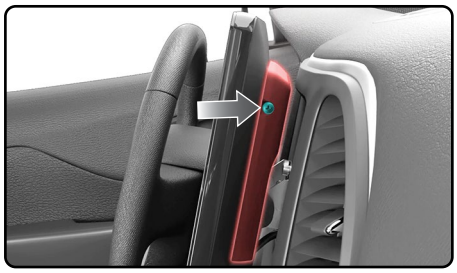
10. Connect the display cables to the back of the screen.



11. Secure the screen to the bracket with the hardware supplied with the radio.



12. Slide the back cover in to place and secure it with the two (2) Phillips screws provided with the radio.



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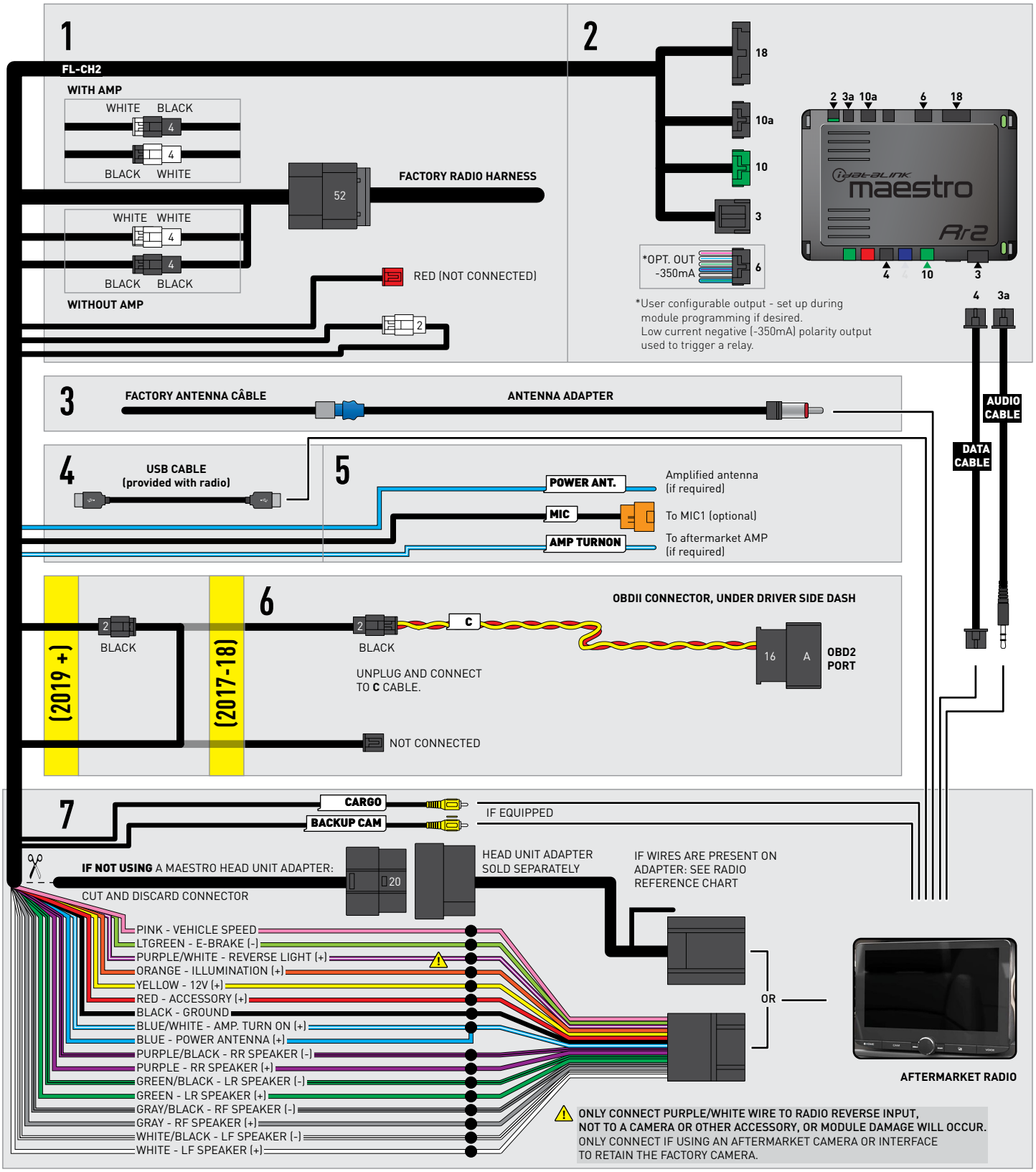
WIRING DIAGRAM

INSTALL TYPE-04

SOME CABLES INCLUDED WITH MAESTRO MODULE ARE NOT USED



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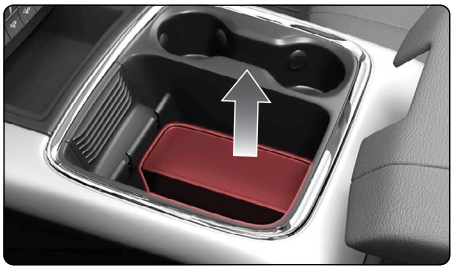
DASH DISASSEMBLY P1 /2

INSTALL TYPE-05

NOTE: This installation is quite difficult. Although this guide offers step-by-step instructions, we strongly recommend professional installation.

1. Remove the rubber pad at the bottom of the center console storage compartment.



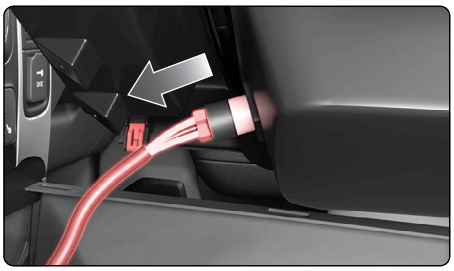
2. Remove the rubber pad at the front of the center console.

3. Remove the single (1) 7mm screw at the bottom of the center console storage compartment.

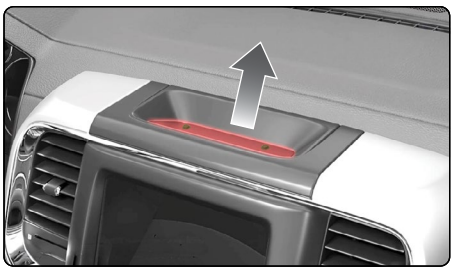
   Remove the two (2) 7mm screws at the front of the center console.

   Using the supplied panel tool, release the clips securing the center console trim.

4. Disconnect the wiring harness behind the center console trim.



5. Remove the rubber pad above the radio. Then, remove the two (2) 7mm screws.



6. Some Ram trucks will have an additional 7mm screw located at the back of the small pocket. If present, remove it.

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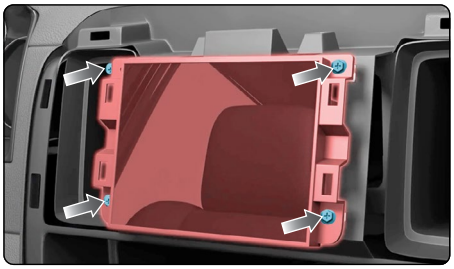
DASH DISASSEMBLY P2 /2

INSTALL TYPE-05

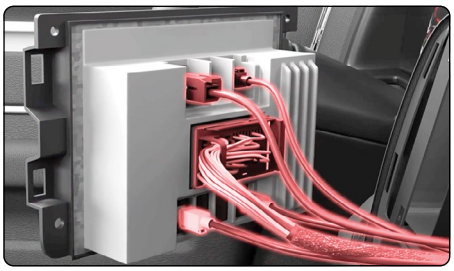
7. Using the supplied panel tool, release the clips securing the dash bezel.

8. Disconnect the three (3) wiring harnesses from the back.

9. Remove the four (4) 7mm screws securing the factory radio.



10. Disconnect the wiring harness and antenna connections.



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INSTALL AND CONNECT P1 /4

INSTALL TYPE-05

1. Determine if the vehicle has a factory amplifier and configure FL-CH2 4-pin black and white connectors as shown in the wiring diagram.

Connect the FL-CH2 harness to the main factory wiring harness.

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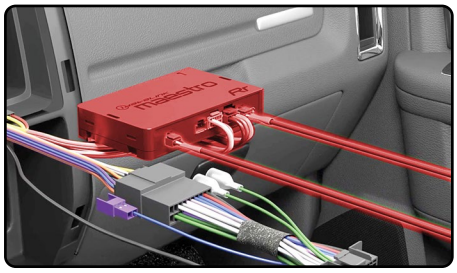
2. Connections to Maestro module: FL-CH2 harness, 4-pin data cable and 3.5mm audio cable (the data and 3.5mm audio cables are provided with the Maestro module).



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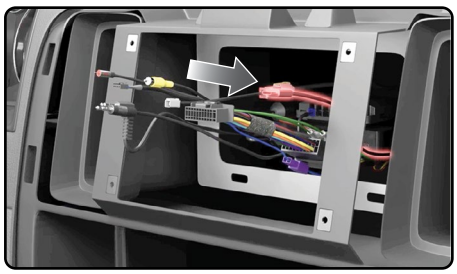
3. Connect the supplied antenna adapter to the factory antenna connection.

---

4. Route the USB cable provided with the radio to the desired location.



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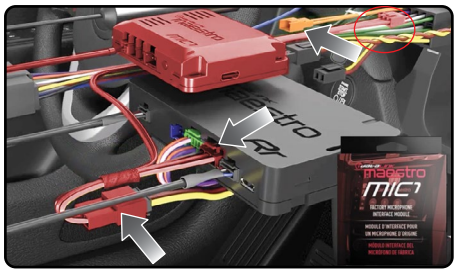
5. You will need to install the Bluetooth microphone and GPS antenna to their recommended locations by the radio manufacturer OR use the optional MIC1 and NAV1 to retain the factory Microphone and GPS antenna (if equipped).

OPTIONAL (sold separately): Connect the MIC1 to the 3-pin power plug on the FL-CH2 T-harness. Then, connect the orange 3-pin plug to the FL-CH2 T-harness (orange MIC connector).



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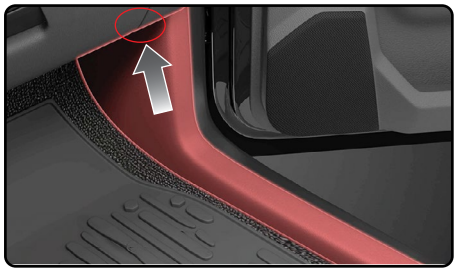
INSTALL AND CONNECT P2 /4

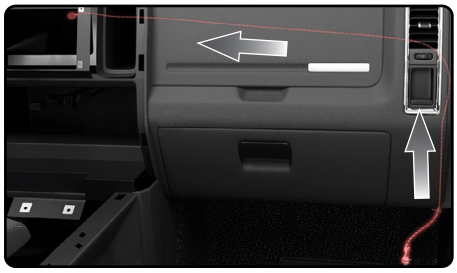
INSTALL TYPE-05

6A. Remove the sill panel on the passenger side to expose the Star connector Can junction in the kick panel. If the connector is not located here, check behind the headlight switch. (2018-2021)



2018 +

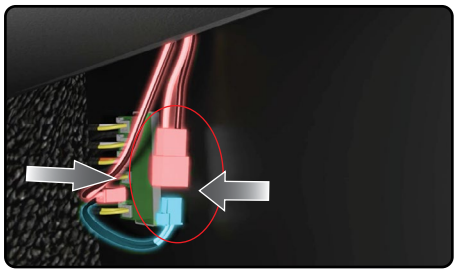
6B. Route the twisted **A** cable from the kick panel to the radio location. (2018-2021)



2018 +

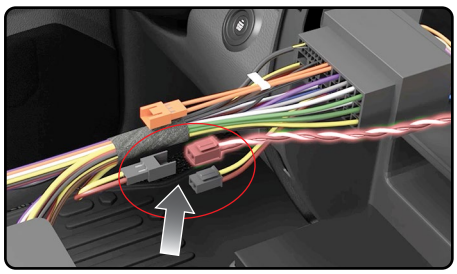
6C. Locate the green Star connector Can junction in the kick panel. Disconnect any of the 2-Pin connectors and connect it to the 2-pin plug. Then connect the opposite end back into the junction block.

Reinstall the sill panel. (2018-2021)



2018 +

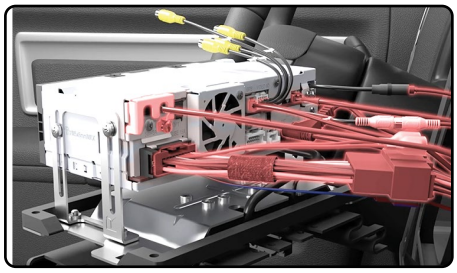
6D. Unplug 2-pin black connectors on main FL-CH2 harness. Connect **A** harness to main FL-CH2 T-harness. (2018-2021)



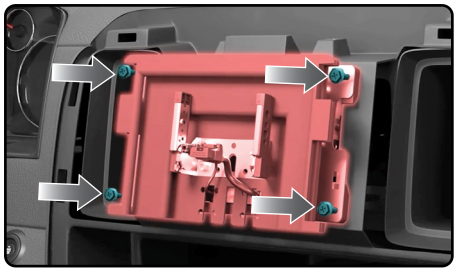
2018 +

7. Press the FL-CH2 T-harness, Maestro module and antenna adapter into the radio dash cavity.

Make all connections to the back of the aftermarket radio (use head unit adapter OR cut connector from the FL-CH2 harness and connect the wires as shown in the wiring diagram). Make sure to connect the 4-pin data cable to the iDatalink I/F port and 3.5mm audio cable to the iDatalink I/F port.



8. Press the FL-CH2 bracket and radio chassis into the dash cavity. Then, secure it with the four (4) Phillips screws removed earlier.



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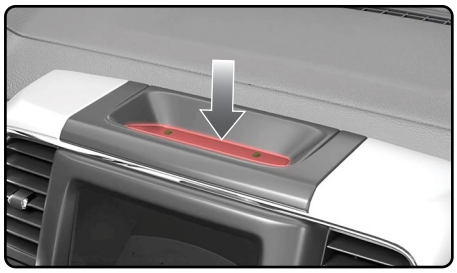
INSTALL AND CONNECT P3 /4

INSTALL TYPE-05

9. Reconnect the three (3) wiring harnesses to the back of the radio bezel. Then, snap it back in place ensuring enough clearance with rubber pad, trim as necessary.

10. If applicable, reinstall the single (1) 7mm screw in the small pocket to the right of the radio controls.

11. Secure the radio bezel with the two (2) 7mm screws removed earlier. Then reinstall the rubber pad.

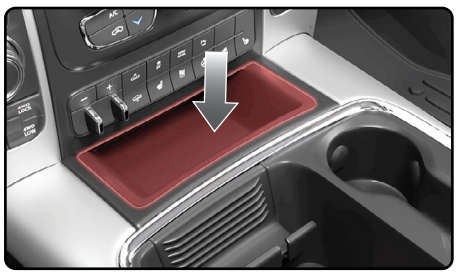


12. Reconnect the center console wiring harness. Then, snap it back in place.

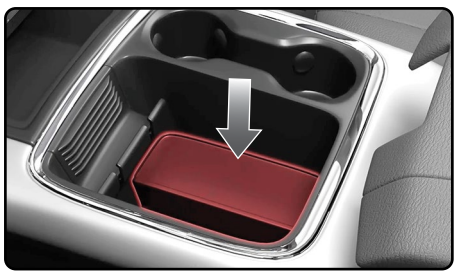
Reinstall the two (2) 7mm screws at the front of the center console.

Reinstall the single (1) 7mm screw in the storage compartment.

13. Reinstall the rubber pad at the front of the center console.



14. Reinstall the rubber pad in the storage compartment.



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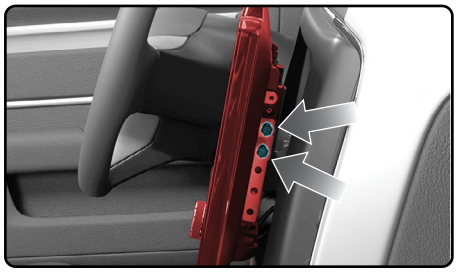
INSTALL AND CONNECT P4/4

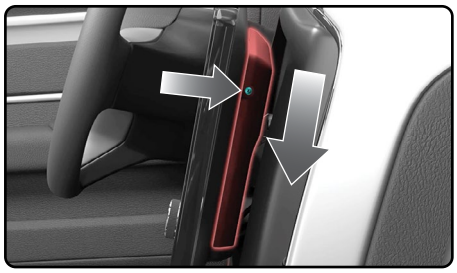
INSTALL TYPE-05

15. Connect the display cables to the back of the screen.

16. Secure the screen to the bracket with the hardware supplied with the radio.



17. Slide the back cover in to place and secure it with the two (2) Phillips screws provided with the radio.



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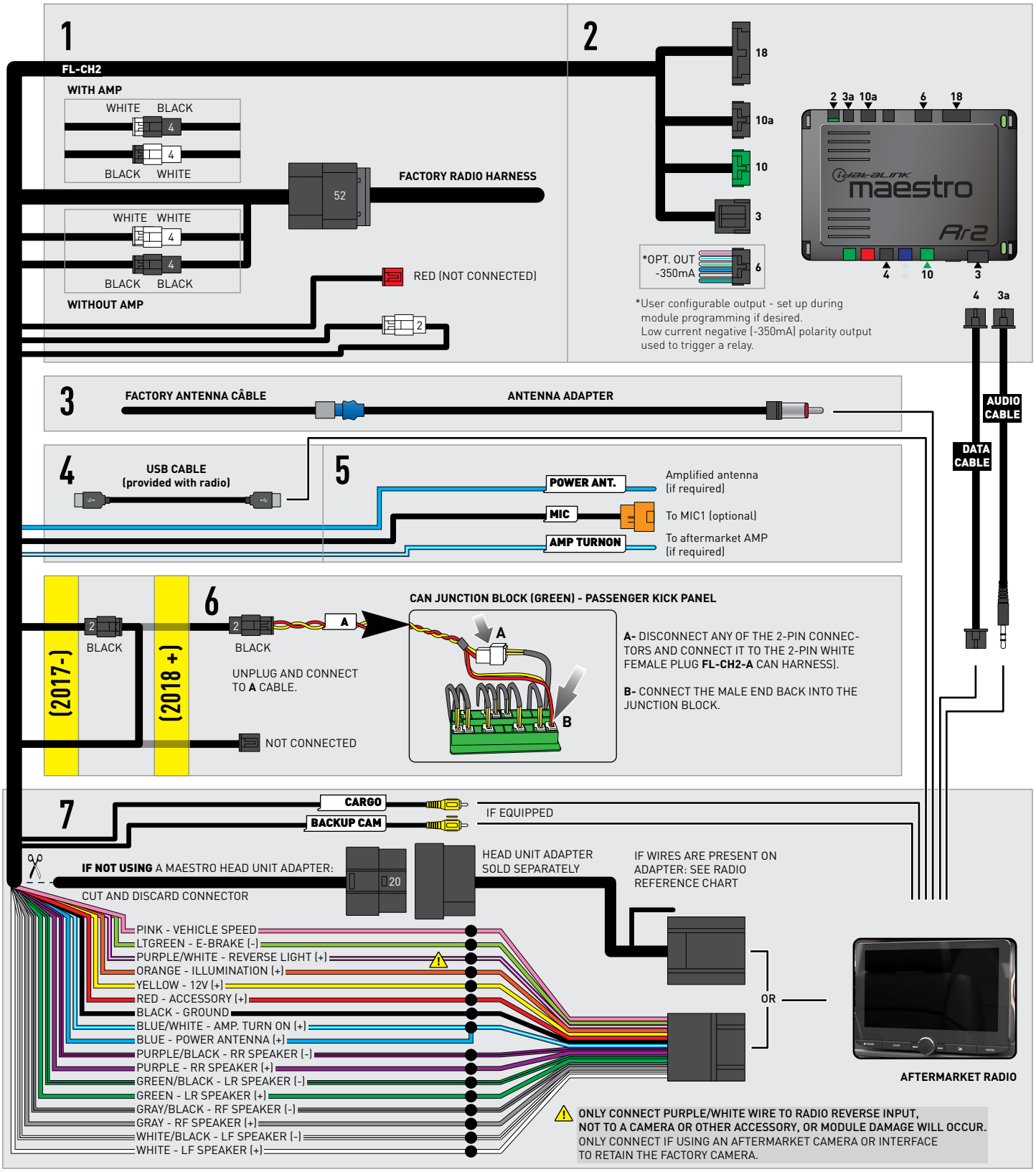
WIRING DIAGRAM

INSTALL TYPE-05

SOME CABLES INCLUDED WITH MAESTRO MODULE ARE NOT USED



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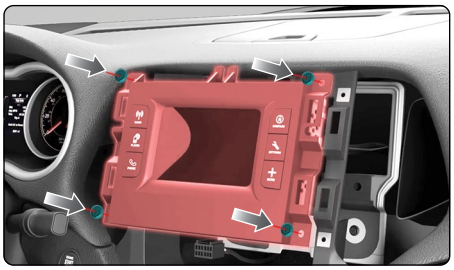
DASH DISASSEMBLY P1/1

NOTE: This installation is quite difficult. Although this guide offers step-by-step instructions, we strongly recommend professional installation.

1. Using a panel tool, carefully pry outward on the climate control panel to release the clips securing it in place.

2. Remove the four (4) Phillips screws securing the radio into the dash.



3. Remove the factory radio from the dash and disconnect the main wiring harness, antenna connections and USB from the back.

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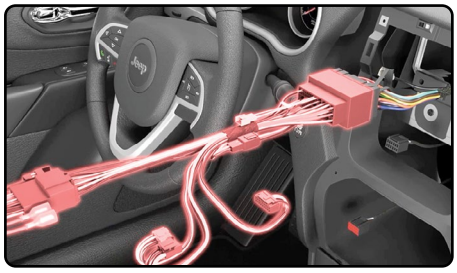
INSTALL AND CONNECT P1 /3

INSTALL TYPE-06

1. Determine if the vehicle has a factory amplifier and configure FL-CH2 4-pin black and white connectors as shown in the wiring diagram.

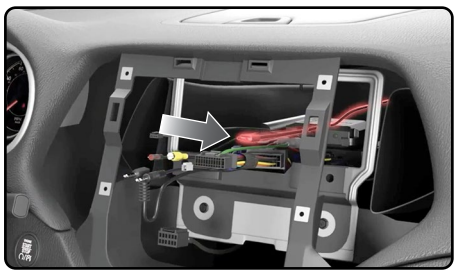
   Connect the FL-CH2 harness to the main factory wiring harness.



2. Connections to Maestro module: FL-CH2 harness, 4-pin data cable and 3.5mm audio cable (the data and 3.5mm audio cables are provided with the Maestro module).

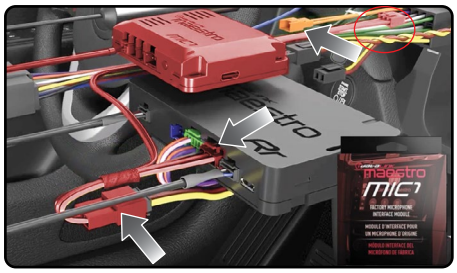
3. Connect the supplied antenna adapter to the factory antenna connection.

4. Route the USB cable provided with the radio to the desired location.



5. You will need to install the Bluetooth microphone and GPS antenna to their recommended locations by the radio manufacturer OR use the optional MIC1 and NAV1 to retain the factory Microphone and GPS antenna (if equipped).

OPTIONAL (sold separately): Connect the MIC1 to the 3-pin power plug on the FL-CH2 T-harness. Then, connect the orange 3-pin plug to the FL-CH2 T-harness (orange MIC connector).



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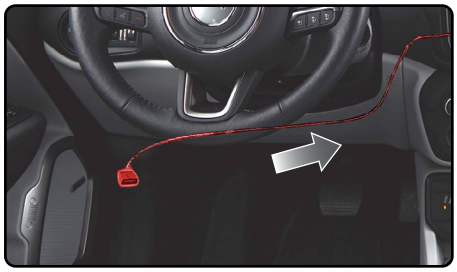
INSTALL AND CONNECT P2 /3

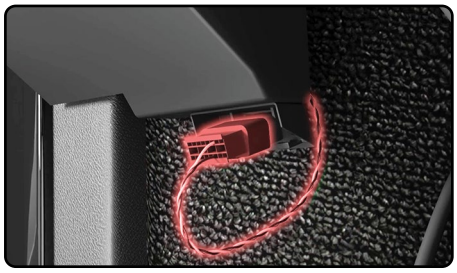
INSTALL TYPE-06

6A. Route the OBDII **C** cable from under driver side dash to the radio location. (2015-2018 only)



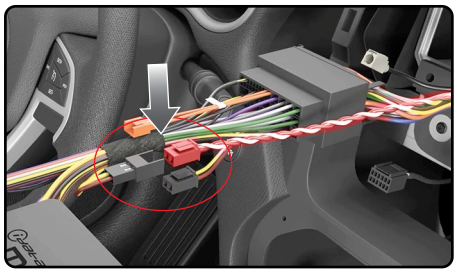
2015-18

6B. Connect the OBDII **C** cable to OBDII plug in vehicle. (2015-2018 only)



2015-18

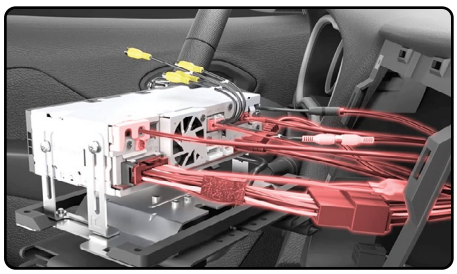
6C. Unplug 2-pin black connectors on main FL-CH2 harness. Connect OBDII **C** harness to main FL-CH2 T-harness. (2015-2018 only)



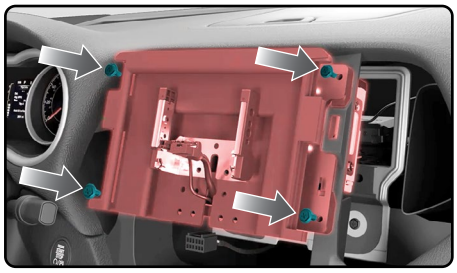
2015-18

7. Press the FL-CH2 T-harness, Maestro module and antenna adapter into the radio dash cavity.

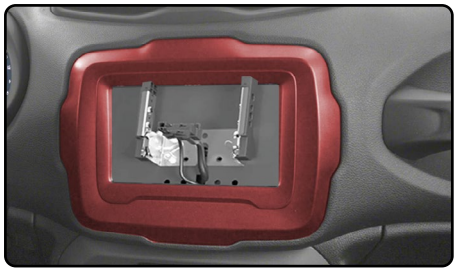
Make all connections to the back of the aftermarket radio (use head unit adapter OR cut connector from the FL-CH2 harness and connect the wires as shown in the wiring diagram). Make sure to connect the 4-pin data cable to the iDatalink I/F port and 3.5mm audio cable to the iDatalink I/F port.



8. Press the FL-CH2 bracket and radio chassis into the dash cavity. Then, secure it with the four (4) Phillips screws removed earlier.



9. Snap the radio bezel back in place ensuring enough clearance with rubber pad, trim as necessary.



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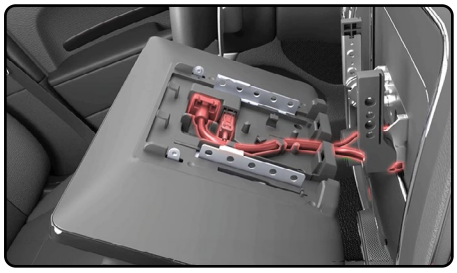
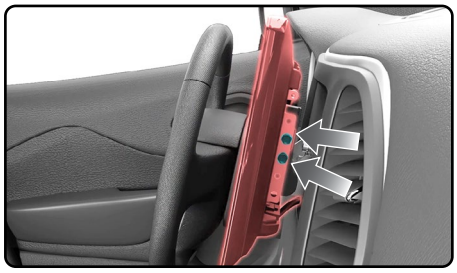
INSTALL AND CONNECT P3 /3

INSTALL TYPE-06

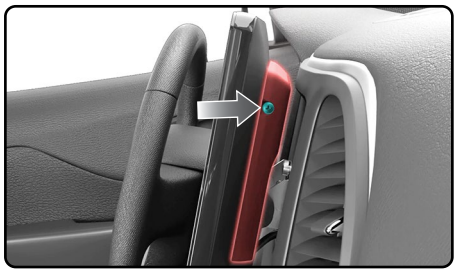
10. Connect the display cables to the back of the screen.



11. Secure the screen to the bracket with the hardware supplied with the radio.



12. Slide the back cover in to place and secure it with the two (2) Phillips screws provided with the radio.



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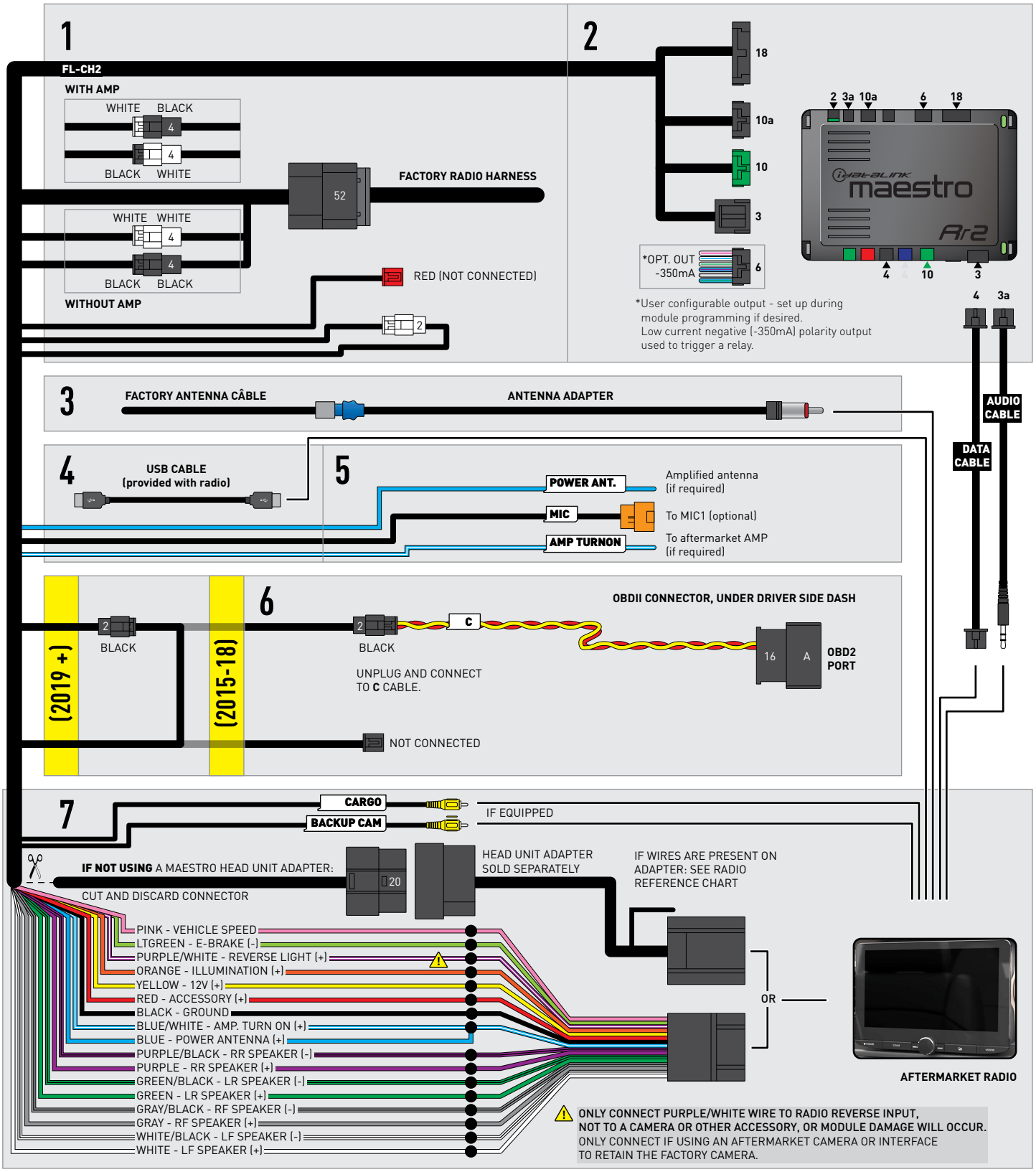
WIRING DIAGRAM

INSTALL TYPE-06

SOME CABLES INCLUDED WITH MAESTRO MODULE ARE NOT USED



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RADIO WIRE REFERENCE CHART

FL-CH2 T-harness Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Kenwood cable
Illumination	(+)	Orange	Orange/White
Reverse Light*	(+)	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Lt Green
VSS (vehicle speed sensor)	(DATA)	Pink	Pink
Power Antenna	(+)	Blue	Blue

*__Note__: REVERSE LIGHT purple/white wire is a low current positive output used to trigger the radio only. Do NOT connect to anything other than the radio's reverse input.
If no camera is installed/desired, do not connect the radio's reverse wire. If installing an aftermarket camera, do NOT connect power for the camera to the Maestro's purple/white wire or module damage will occur.

Head unit adapter wiring (optional accessory, sold separately)

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

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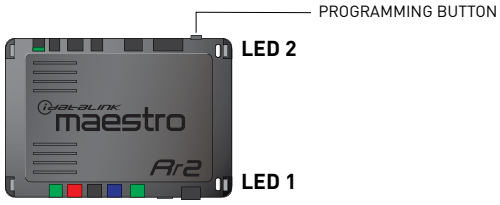
MODULE DIAGNOSTICS



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

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TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
Gauges do not work, radio shows OBD2 Error 1 or Error 2.	Ensure OBDII or STAR connector is securely attached to the OBD2 or GREEN Star CAN junction connector of the vehicle, if not using CAN junction block, move extension to can junction block and reset module. 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.
When making a phone call you cannot hear the callers but they can hear you.	Make sure that the 4-pin black and white connectors in the harness are plugged in correctly as stated in step 1.
The radio stays ON or doesn't come ON at all. The light on the Maestro is not blinking.	Make sure the 2-pin connectors in the harness are connected as stated in wiring diagram.
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 radio is not turning on, ensure the screen cables are fully connected and seated. 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.

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