



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 AR 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.

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



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PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro A2B amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

The diagram will explain what speaker each output is connected to in the vehicle. Spaces are provided in the diagram for notes (i.e. amp channel used, speaker connected, etc.) and are editable in the PDF.

- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.
Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime. The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

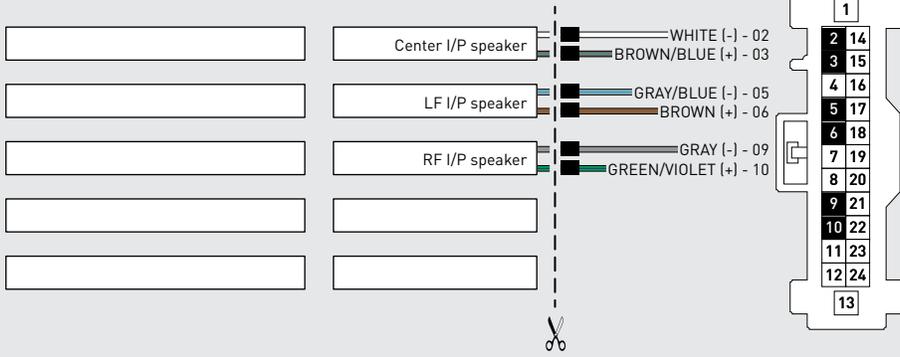
Installer notes

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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
NC	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door speaker	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR door woofer/tweeter	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
NC	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LR door woofer/tweeter	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

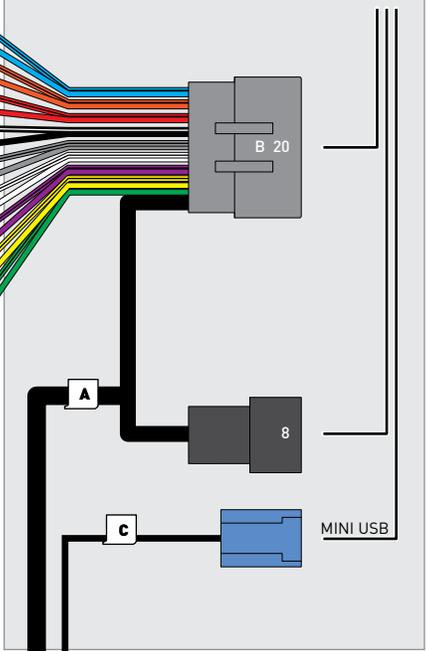
ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES.
DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR.
LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.



STEP 2

FACTORY AMPLIFIER HARNESSSES

LR QUARTER PANEL NEAR TAILLIGHT

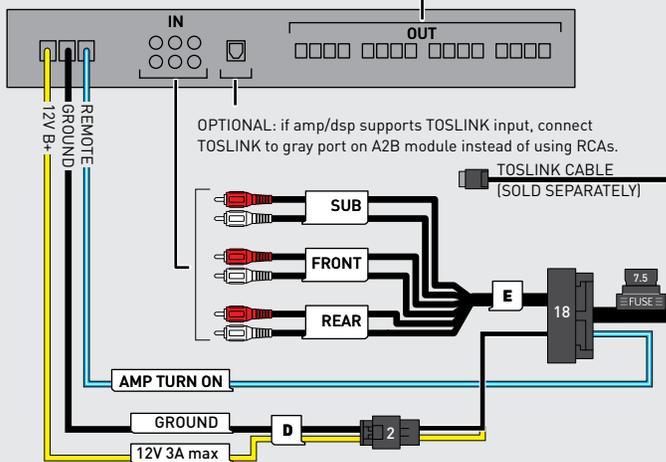


OEM AMPLIFIER B+ FUSE LOCATION:
#136, 137 - LR ENGINE COMPARTMENT
(20A x2)

STEP 3

AMPLIFIER OR DSP

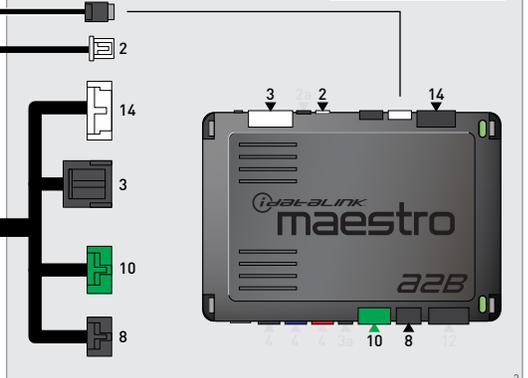
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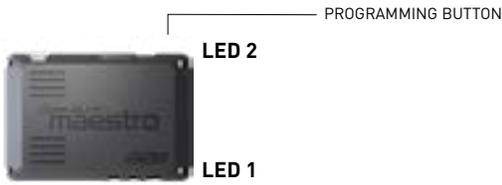
⚠ Only use plug F if DSP requires less than 3a for B+ input.
Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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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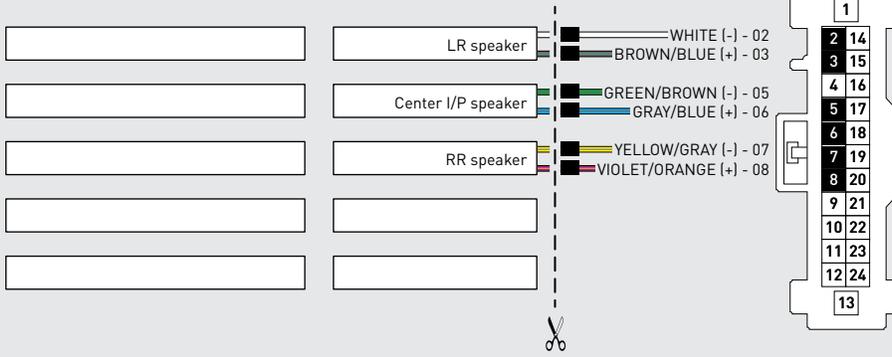
Installer notes

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	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
NC	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF kick panel speaker	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF kick panel speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RF I/P midrange speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
Subwoofer 2	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LF I/P midrange speaker	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

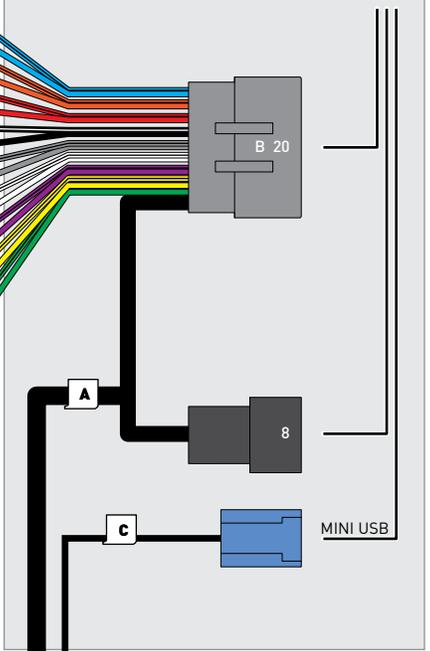
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STEP 2

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RR QUARTER PANEL ON SUBWOOFER ASSEMBLY

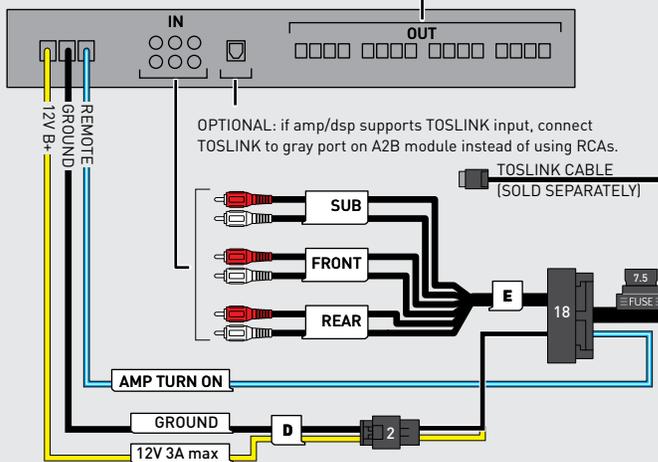


OEM AMPLIFIER B+ FUSE LOCATION:
#146 - LEFT SIDE ENGINE COMPARTMENT (5A)

STEP 3

AMPLIFIER OR DSP

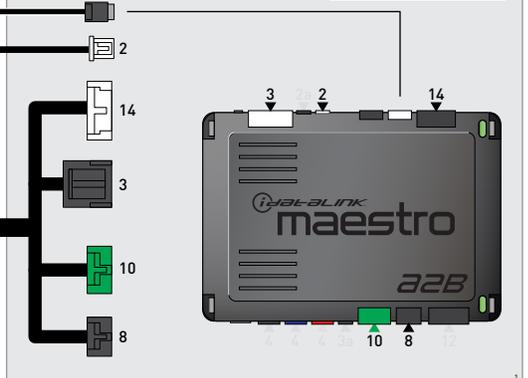
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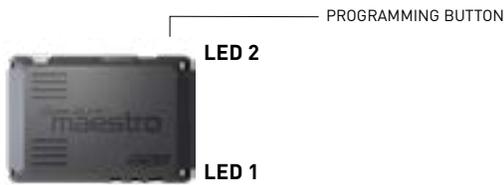
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MAESTRO A2B RESET PROCEDURE:

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[VERIFY FLASH](#)



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Installer notes

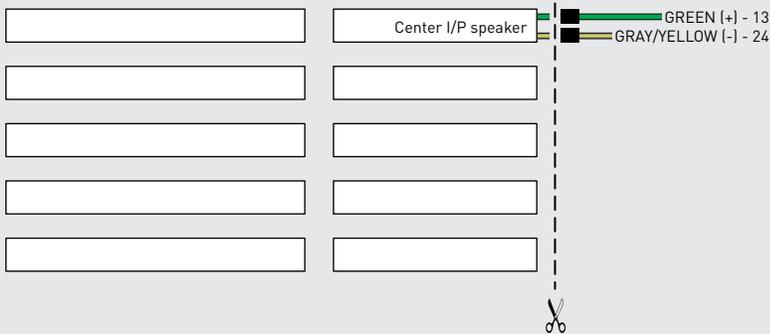
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AUDIO CONTROL MODULE (ACM)

CENTER OF DASH (RADIO)

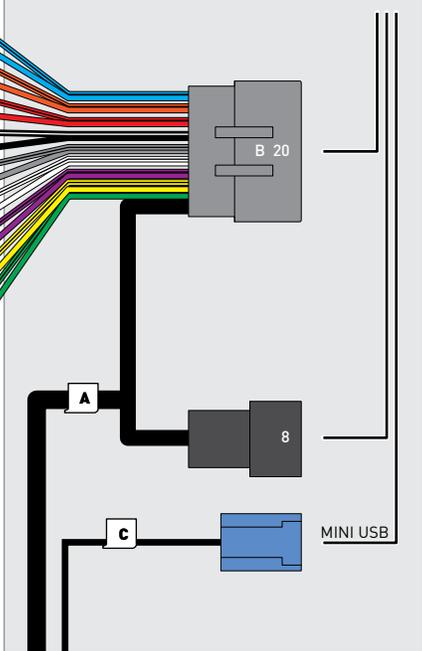
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FACTORY AMPLIFIER HARNESSSES

UNDER RR SEAT / CARPET COVER

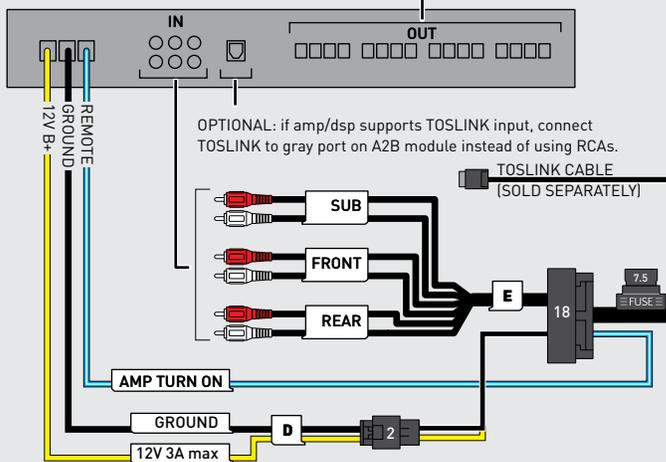


OEM AMPLIFIER B+ FUSE LOCATION:
#25, 41 - LEFT SIDE ENGINE COMPARTMENT (15A x2)

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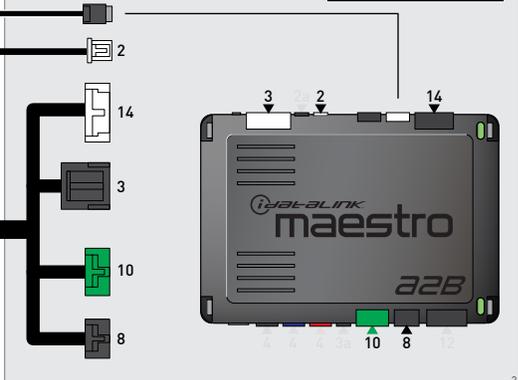
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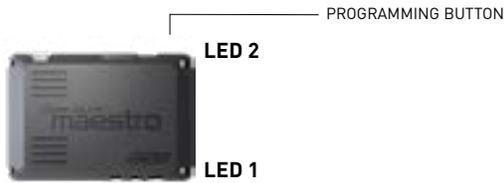
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2022

FORD ECOSPORT
WITH HARMAN KARDON

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 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

The diagram will explain what speaker each output is connected to in the vehicle. Spaces are provided in the diagram for notes (i.e. amp channel used, speaker connected, etc.) and are editable in the PDF.

- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.
Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime. The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

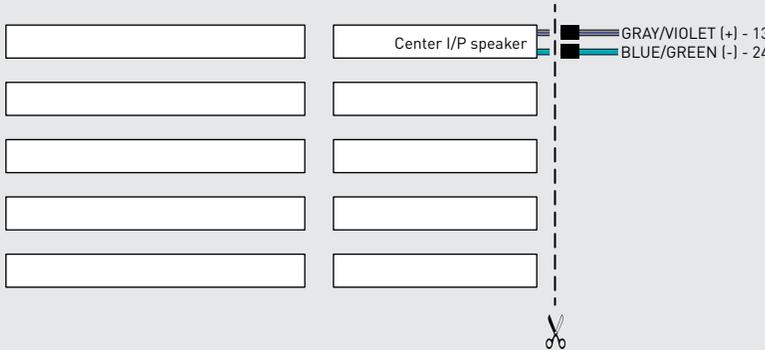
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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
NC	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door woofer	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door woofer	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR door speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
Subwoofer 2	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LR door speaker	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

AUDIO CONTROL MODULE (ACM)

CENTER OF DASH (RADIO)

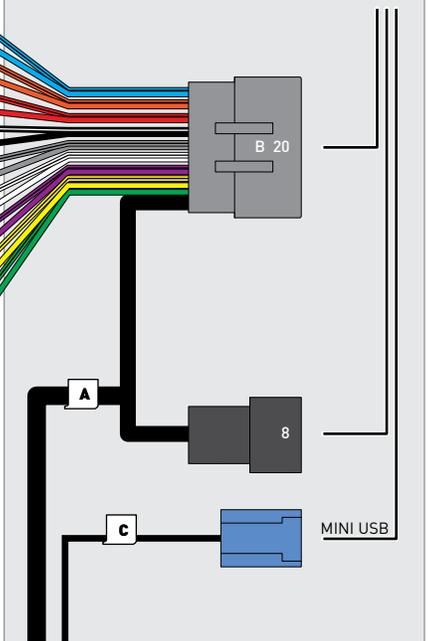
ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES. DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR. LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.



STEP 2

FACTORY AMPLIFIER HARNESSSES

RF LUGGAGE / UNDER CARPET

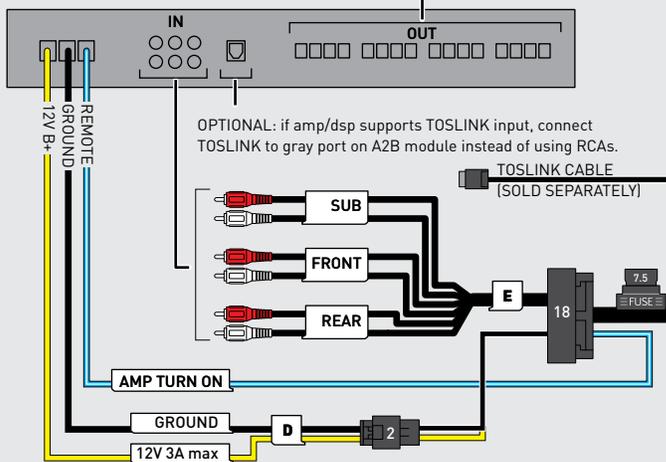


OEM AMPLIFIER B+ FUSE LOCATION:
#25, 41 - LEFT SIDE ENGINE COMPARTMENT (15A x2)

STEP 3

If using a DSP only (no internal amplifier), an aftermarket amplifier is required to power speakers

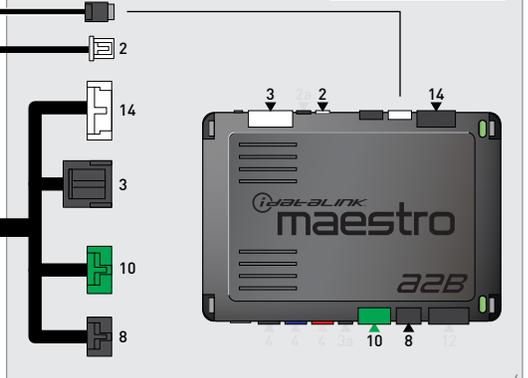
AMPLIFIER OR DSP



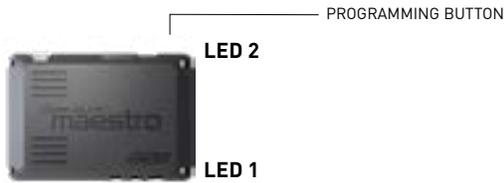
⚠ Only use plug F if DSP requires less than 3a for B+ input. Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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.

2020-2024
FORD EDGE
WITH B&O

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



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PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro A2B amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

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INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

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STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

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3. Adjust chime level using the volume knob.
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WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

1	
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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
Center speaker	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door speaker	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR quarter panel speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
Subwoofer 2	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LR quarter panel speaker	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

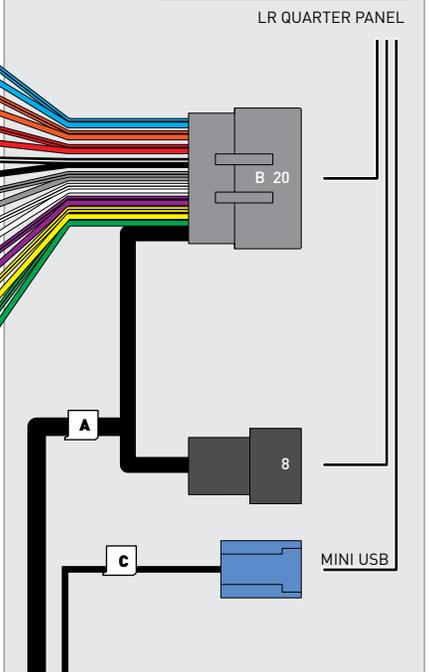
AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES.
DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR.
LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.

	LR door woofer/tweeter	BROWN/VIOLET (-) - 09	
		GRAY/VIOLET (+) - 21	
	LF tweeter	BROWN/BLUE (-) - 10	
		YELLOW/VIOLET (+) - 22	
	RF tweeter	WHITE/GREEN (-) - 11	
		YELLOW/ORANGE (+) - 23	
	RR door woofer/tweeter	GRAY (-) - 12	
		GREEN/VIOLET (+) - 24	

STEP 2

FACTORY AMPLIFIER HARNESSSES

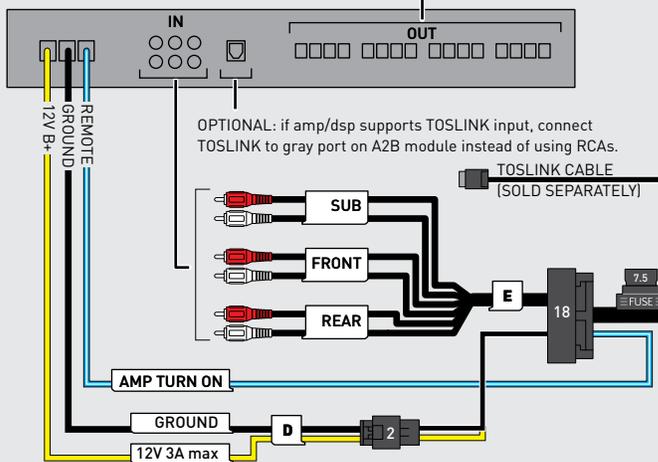


OEM AMPLIFIER B+ FUSE LOCATION:
#5, 28 - LEFT END DASH (BCM)
(20A x2)

STEP 3

If using a DSP only (no internal amplifier),
an aftermarket amplifier is required to power speakers

AMPLIFIER OR DSP

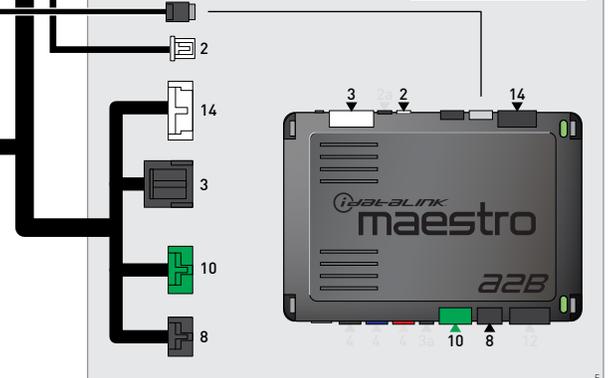


OPTIONAL: if amp/dsp supports TOSLINK input, connect
TOSLINK to gray port on A2B module instead of using RCAs.

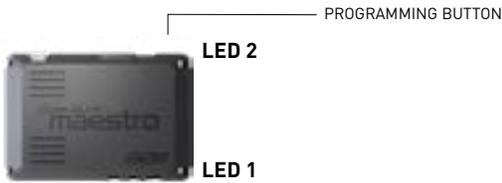
⚠ Only use plug F if DSP requires less than 3a for B+ input.
Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
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MAESTRO A2B RESET PROCEDURE:

Turn the key to the OFF position, then disconnect all connectors from the module.
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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

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ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



PRODUCTS REQUIRED

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iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

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ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

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Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

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INSTALLATION INSTRUCTIONS P1/1

STEP 1

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STEP 2

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STEP 3

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- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

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LR : Left Rear

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RR : Right Rear

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WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

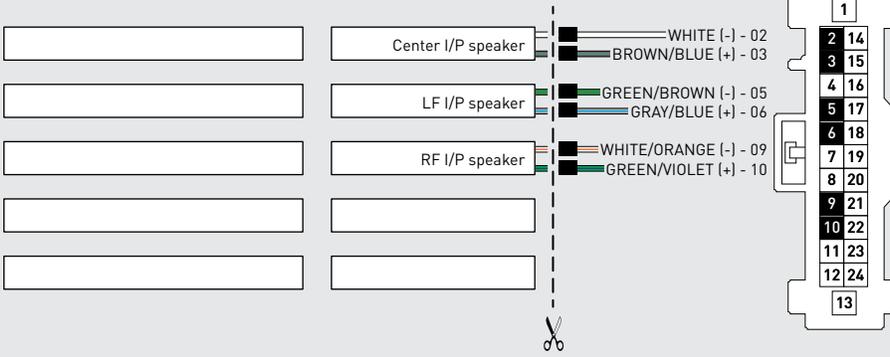
Installer notes

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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
NC	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door woofer	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door woofer	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR door woofer/tweeter	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
NC	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LR door woofer/tweeter	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

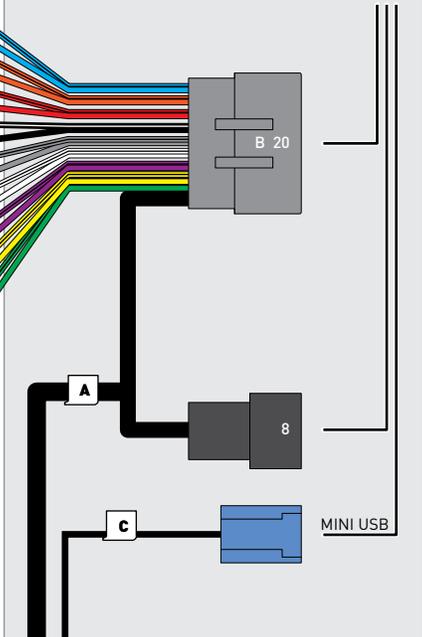
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STEP 2

FACTORY AMPLIFIER HARNESSSES

ABOVE RR WHEEL WELL

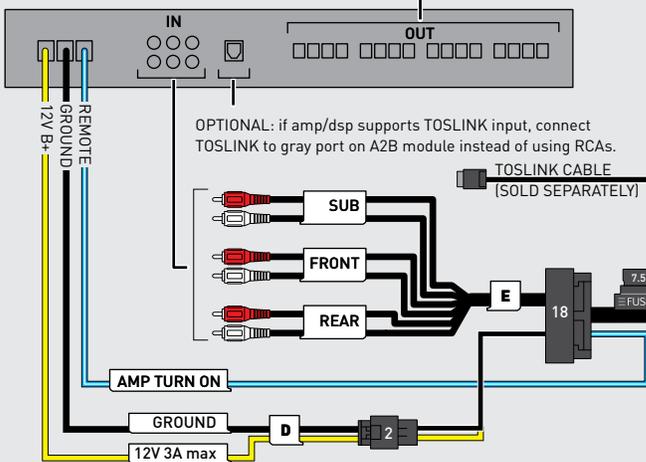


OEM AMPLIFIER B+ FUSE LOCATION:
#136, 137 - LEFT SIDE ENGINE
COMPARTMENT (20A x2)

STEP 3

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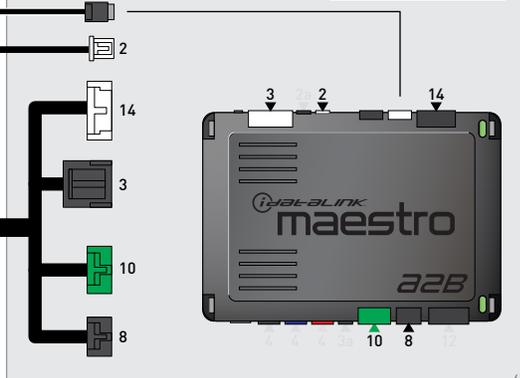
AMPLIFIER OR DSP



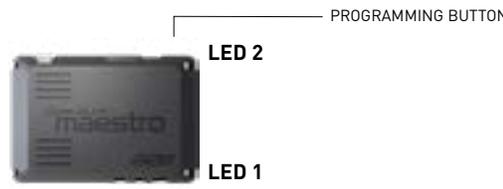
⚠ Only use plug F if DSP requires less than 3a for B+ input.
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STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



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PROBLEM	SOLUTION
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Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



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- Locate and unplug the factory DSP module harnesses.
- Connect all four aFO5 harnesses to vehicle harnesses.

STEP 3

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- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.
Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime.
The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

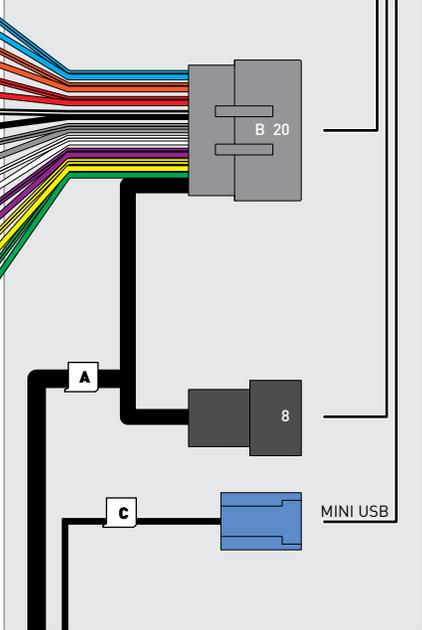
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RR door speaker	BLUE/BLACK (-)	BLUE (+)	OUTPUT 1
Center Speaker	ORANGE/BLACK (-)	ORANGE (+)	OUTPUT 2
RF door woofer	RED/BLACK (-)	RED (+)	OUTPUT 3
Subwoofer 1	BLACK/WHITE (-)	BLACK (+)	OUTPUT 4
RR door tweeter	GRAY/BLACK (-)	GRAY (+)	OUTPUT 5
LF door woofer	WHITE/BLACK (-)	WHITE (+)	OUTPUT 6
LR door speaker	PURPLE/BLACK (-)	PURPLE (+)	OUTPUT 7
Subwoofer 2	YELLOW/BLACK (-)	YELLOW (+)	OUTPUT 8
LR door tweeter	GREEN/BLACK (-)	GREEN (+)	OUTPUT 9

STEP 2

FACTORY AMPLIFIER HARNESSSES

LR QUARTER PANEL, BEHIND SUBWOOFER ENCLOSURE

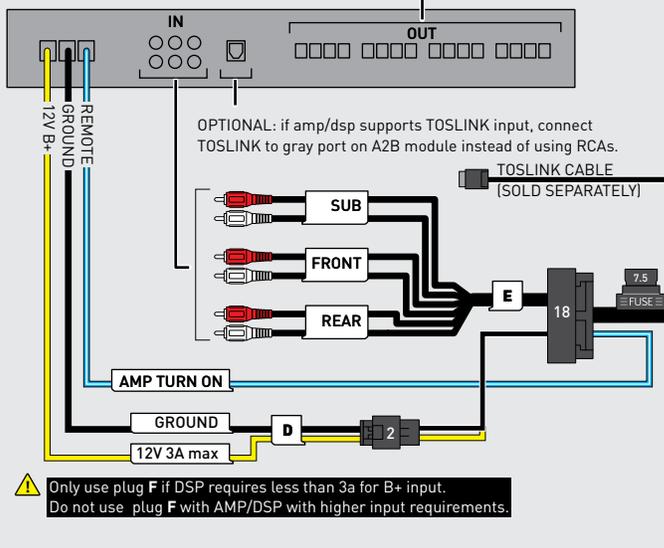


OEM AMPLIFIER B+ FUSE LOCATION:
#5, 28 - PASSENGER KICK PANEL
(20A X2)

STEP 3

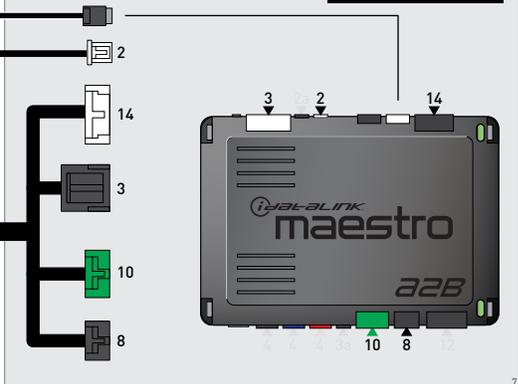
If using a DSP only (no internal amplifier), an aftermarket amplifier is required to power speakers

AMPLIFIER OR DSP

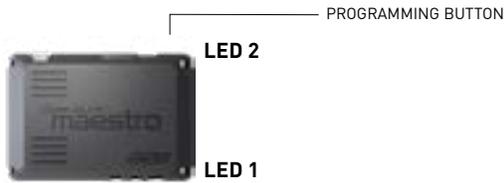


STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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.

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro A2B amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

The diagram will explain what speaker each output is connected to in the vehicle. Spaces are provided in the diagram for notes (i.e. amp channel used, speaker connected, etc.) and are editable in the PDF.

- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.

Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime. The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

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RR door woofer/ tweeter	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
Center Speaker	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
RF door woofer	RED/BLACK (-)	OUTPUT 3
	RED (+)	
LF door midrange (w/ 14 speaker)	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
Subwoofer 2	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door woofer	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
LR door woofer/tweeter	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
RF door midrange (w/ 14 speaker)	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
Subwoofer 1	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

STEP 2

FACTORY AMPLIFIER HARNESSSES

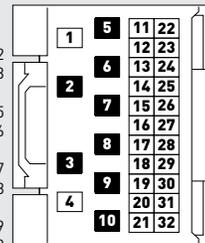
LR QUARTER PANEL BEHIND WHEEL ARCH

AUDIO CONTROL MODULE (ACM)

RR QUARTER PANEL/D PILLAR

ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES. DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR. LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.

LR D-Pillar speaker	WHITE (-) - 02	
	BROWN/BLUE (+) - 03	
LF tweeter	GREEN/BROWN (-) - 05	
	YELLOW/GRAY (+) - 06	
RR D-Pillar speaker	YELLOW/GRAY (-) - 07	
	VIOLET/ORANGE (+) - 08	
RF tweeter	WHITE/ORANGE (-) - 09	
	GREEN/VIOLET (+) - 10	

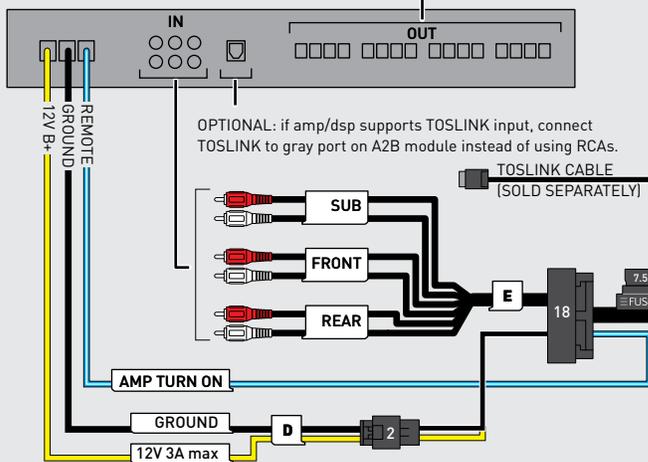


OEM AMPLIFIER B+ FUSE LOCATION:
#127, 115 - LR ENGINE COMPARTMENT (20A x2)

STEP 3

If using a DSP only (no internal amplifier), an aftermarket amplifier is required to power speakers

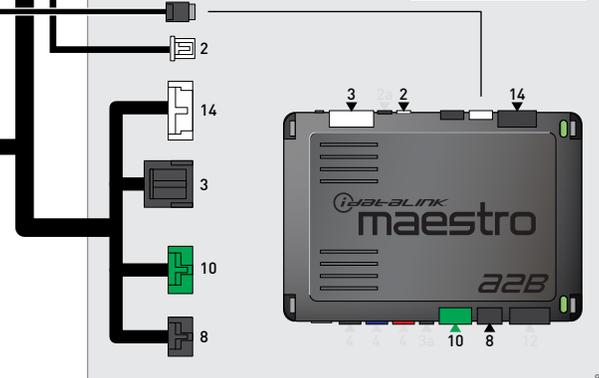
AMPLIFIER OR DSP



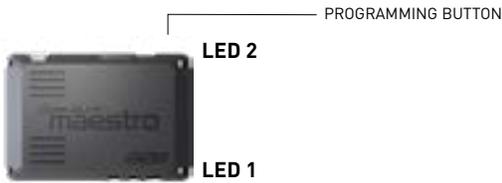
⚠ Only use plug F if DSP requires less than 3a for B+ input. Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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.

2018-2020

FORD F150

WITH B&O

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro A2B amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

The diagram will explain what speaker each output is connected to in the vehicle. Spaces are provided in the diagram for notes (i.e. amp channel used, speaker connected, etc.) and are editable in the PDF.

- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.
Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime. The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

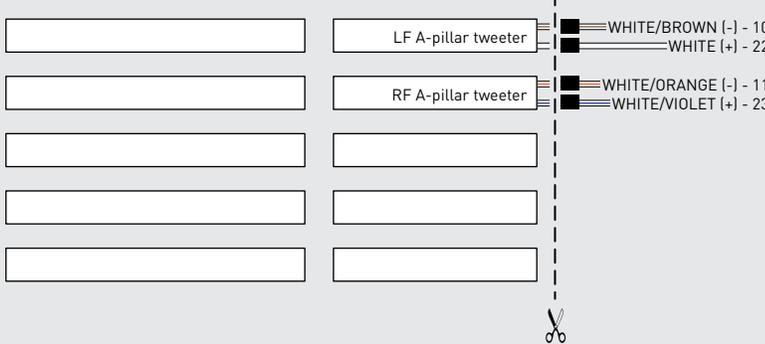
Installer notes

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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
Center speaker	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door speaker	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR door speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
Subwoofer 2	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LR door speaker	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

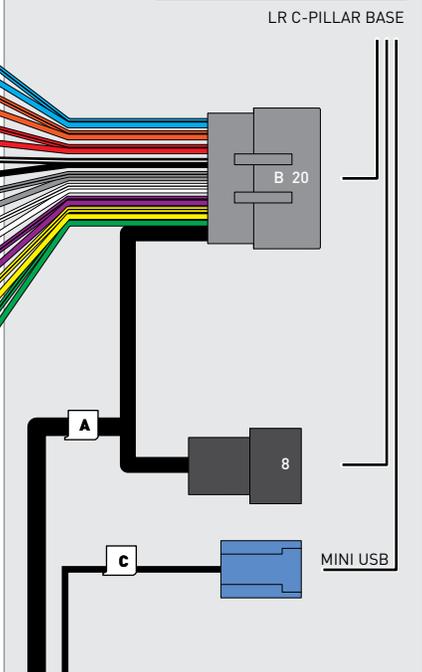
AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES.
DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR.
LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.



STEP 2

FACTORY AMPLIFIER HARNESSSES

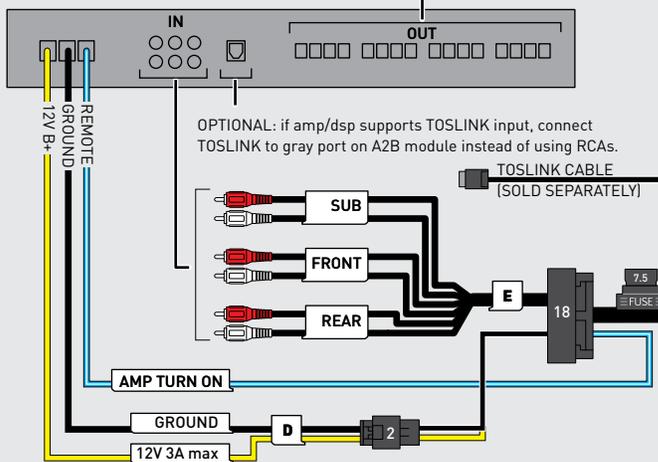


OEM AMPLIFIER B+ FUSE LOCATION:
#22 - RIGHT SIDE ENGINE COMPARTMENT (20A)

STEP 3

If using a DSP only (no internal amplifier),
an aftermarket amplifier is required to power speakers

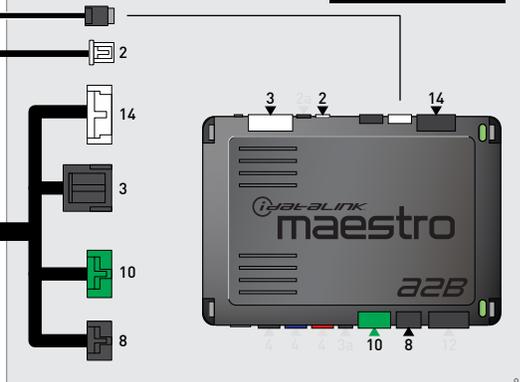
AMPLIFIER OR DSP



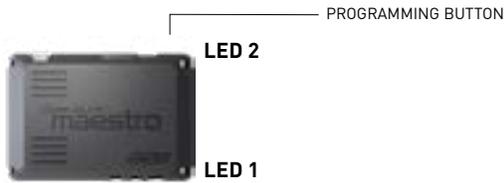
⚠ Only use plug F if DSP requires less than 3a for B+ input.
Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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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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.

2021-2024

FORD F150

WITH B&O AND 8 SPEAKERS

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

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Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

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- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

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- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

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RR : Right Rear

Kick panel : side panel near floor

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Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

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Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime. The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

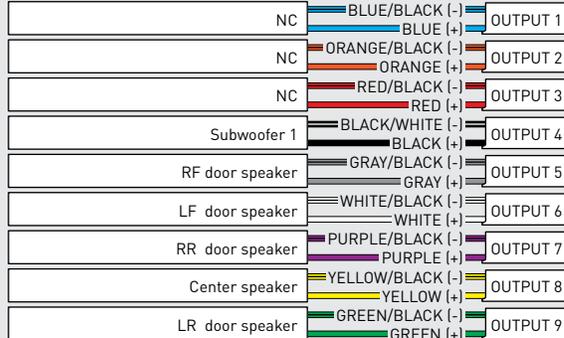
NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

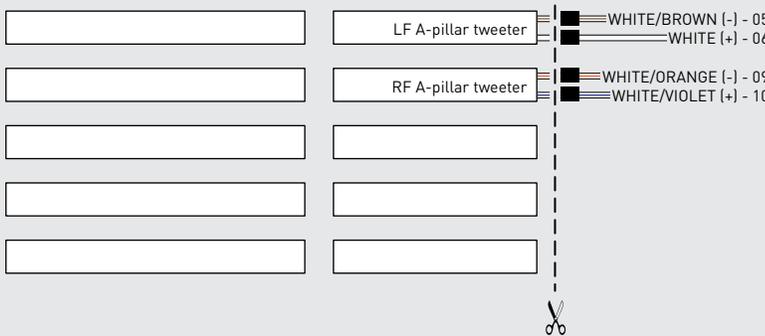
Installer notes

- 1
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- 9



AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

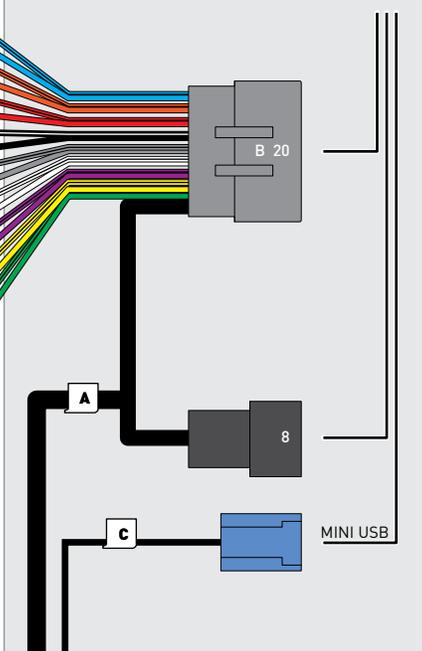
ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES.
DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR.
LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.



STEP 2

FACTORY AMPLIFIER HARNESSSES

BEHIND LR SEAT

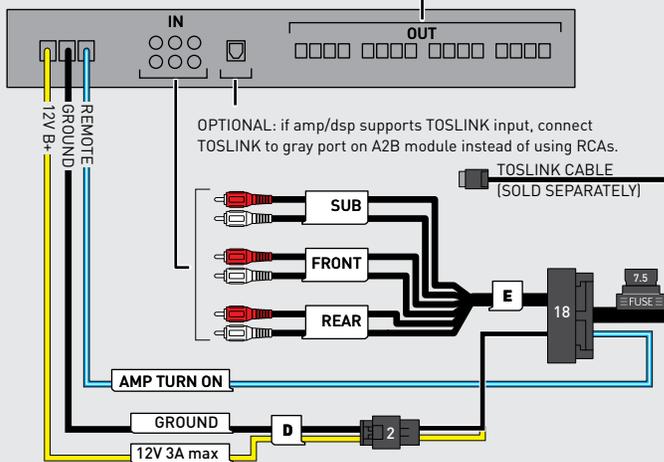


OEM AMPLIFIER B+ FUSE LOCATION:
#28 - PASSENGER KICK PANEL (BCM)
(30A)

STEP 3

If using a DSP only (no internal amplifier),
an aftermarket amplifier is required to power speakers

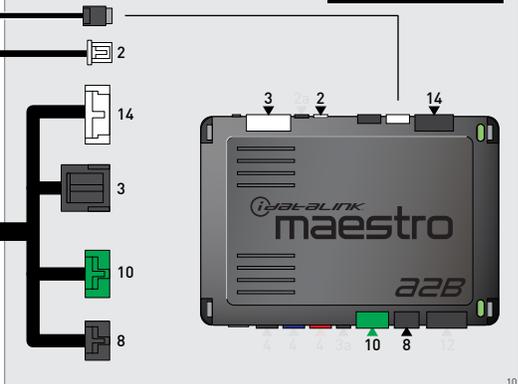
AMPLIFIER OR DSP



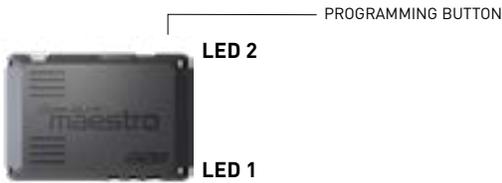
⚠ Only use plug F if DSP requires less than 3a for B+ input.
Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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.

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro A2B amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

The diagram will explain what speaker each output is connected to in the vehicle. Spaces are provided in the diagram for notes (i.e. amp channel used, speaker connected, etc.) and are editable in the PDF.

- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.
Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime. The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

1	
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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
NC	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door speaker	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RF I/P speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
NC	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LF I/P speaker	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

AUDIO CONTROL MODULE (ACM)

CENTER OF DASH (RADIO)

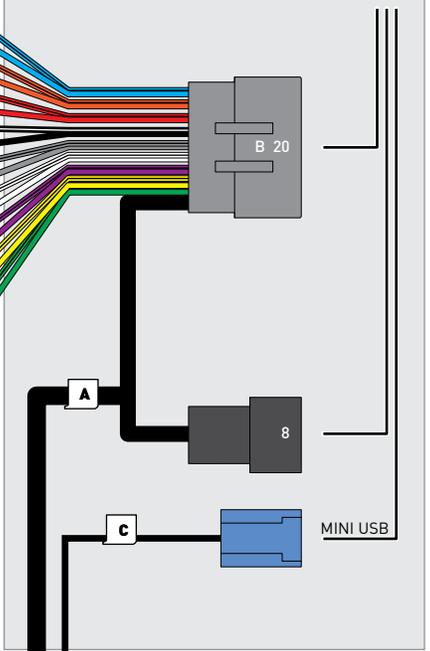
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	LR speaker	WHITE (-) - 02	
		BROWN/BLUE (+) - 03	
	I/P center	GREEN/BROWN (-) - 05	
		BLUE/GRAY (+) - 06	
	RR speaker	YELLOW/GRAY (-) - 07	
		VIOLET/ORANGE (+) - 08	

STEP 2

FACTORY AMPLIFIER HARNESSSES

BEHIND CENTER OF REAR SEAT

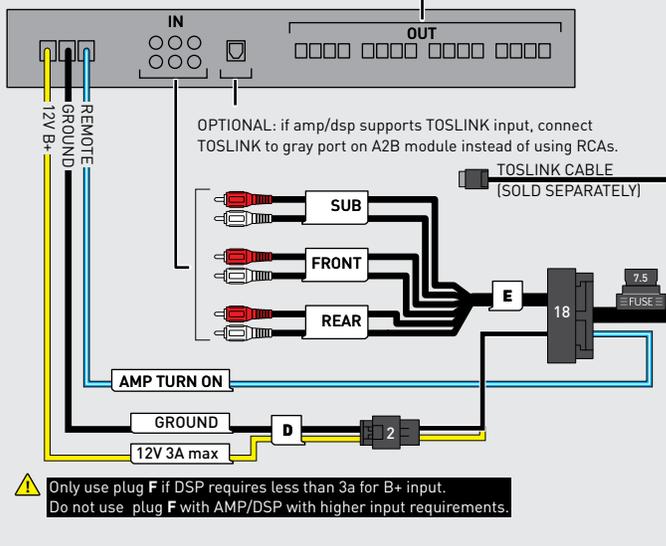


OEM AMPLIFIER B+ FUSE LOCATION:
#136, 137 - LEFT SIDE ENGINE COMPARTMENT (20A x2)

STEP 3

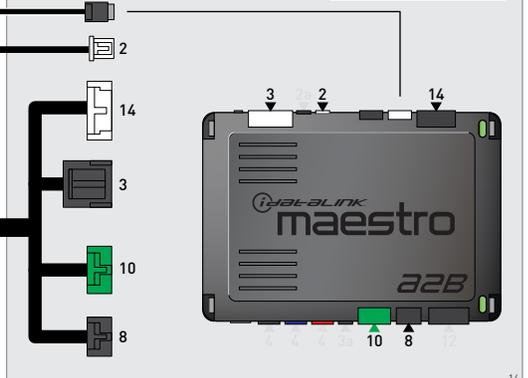
If using a DSP only (no internal amplifier), an aftermarket amplifier is required to power speakers

AMPLIFIER OR DSP

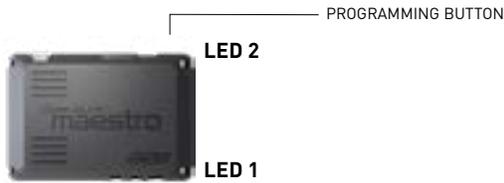


STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

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PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
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No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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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ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



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iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

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ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

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STEP 2

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- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

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- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

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LR : Left Rear

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I/P : Instrument panel/dash

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Audio level adjust:

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Chime volume adjust:

1. Set radio source to Audio OFF
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WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

1	
2	
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NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
NC	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
NC	RED/BLACK (-)	OUTPUT 3
	RED (+)	
LR speaker	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
RF door woofer	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door woofer	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
RF door midrange	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LF door midrange	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

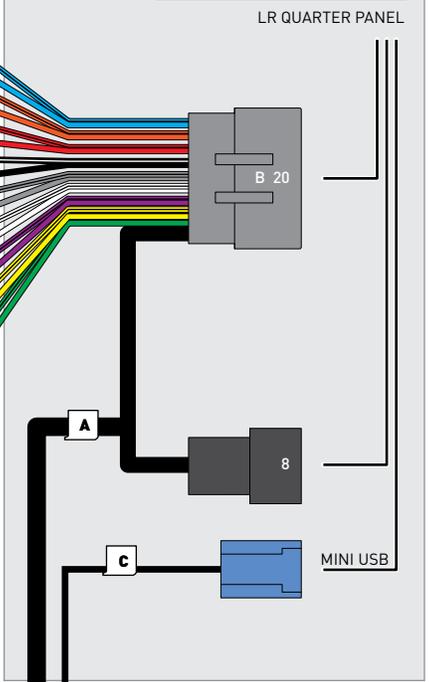
AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

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	Center I/P speaker	WHITE (-) - 02	
		BROWN/BLUE (+) - 03	
	LF A-Pillar tweeter	GREEN/BROWN (-) - 05	
		BLUE/GRAY (+) - 06	
	RF A-Pillar tweeter	WHITE/ORANGE (-) - 09	
		GREEN/VIOLET (+) - 10	

STEP 2

FACTORY AMPLIFIER HARNESSES

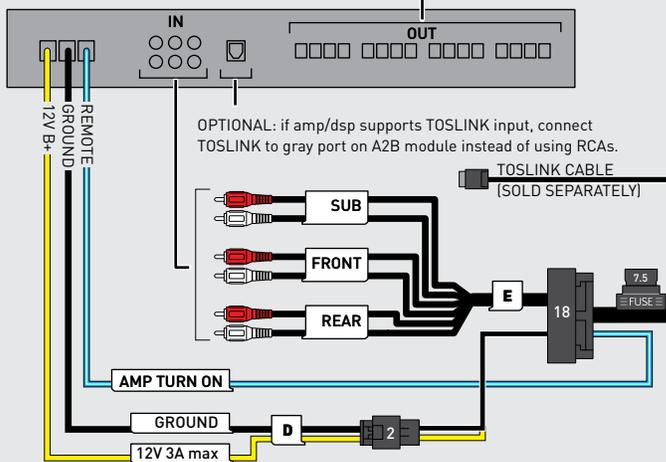


OEM AMPLIFIER B+ FUSE LOCATION:
#4, 25 - RIGHT SIDE DASH (BCM)
(20A x2)

STEP 3

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an aftermarket amplifier is required to power speakers

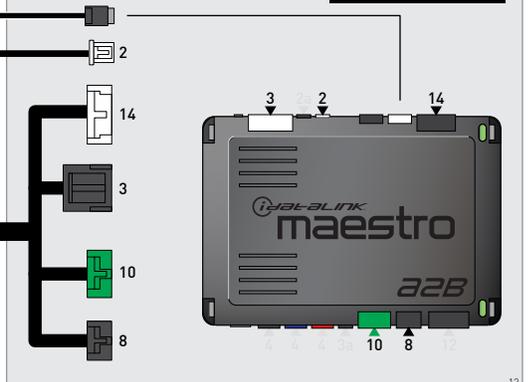
AMPLIFIER OR DSP



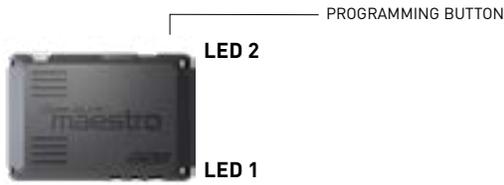
⚠ Only use plug F if DSP requires less than 3a for B+ input.
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STEP 4

MAESTRO A2B MODULE



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2019-2023

FORD RANGER

WITH B&O AND 8 SPEAKERS

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



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[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

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INSTALLATION INSTRUCTIONS P1/1

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 The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

Installer notes

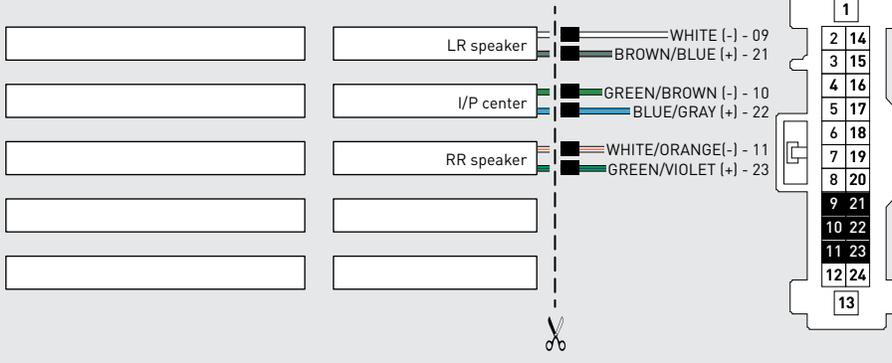
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	BLUE (+)	
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	ORANGE (+)	
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	BLACK (+)	
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	GRAY (+)	
LF door speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR door speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
Subwoofer 2	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
LR door speaker	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

AUDIO CONTROL MODULE (ACM)

CENTER OF DASH (RADIO)

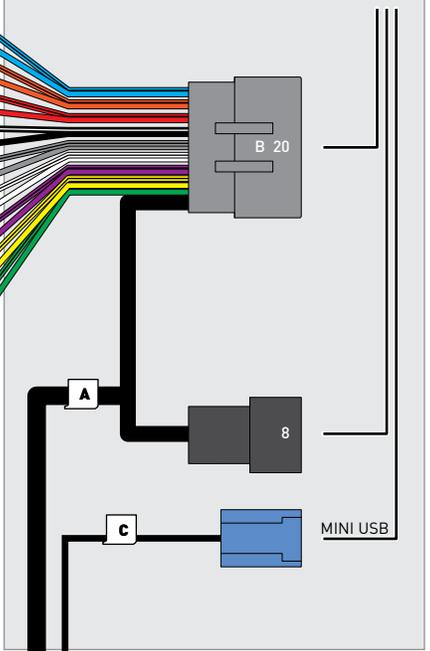
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STEP 2

FACTORY AMPLIFIER HARNESSSES

BEHIND REAR SEAT, DRIVER SIDE

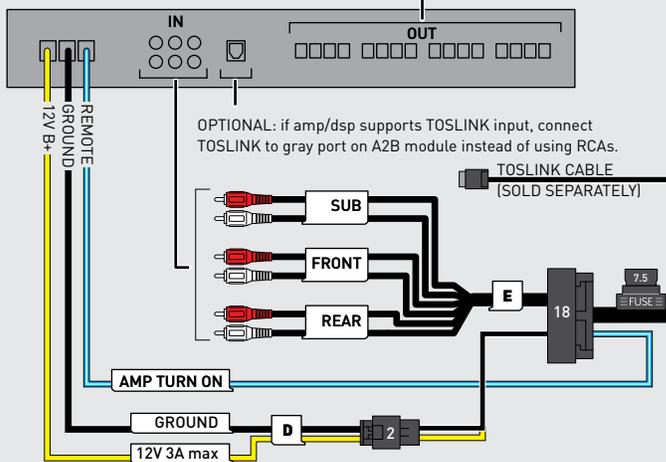


OEM AMPLIFIER B+ FUSE LOCATION:
#5, 28 - LEFT END DASH (BCM) (20A x2)

STEP 3

If using a DSP only (no internal amplifier), an aftermarket amplifier is required to power speakers

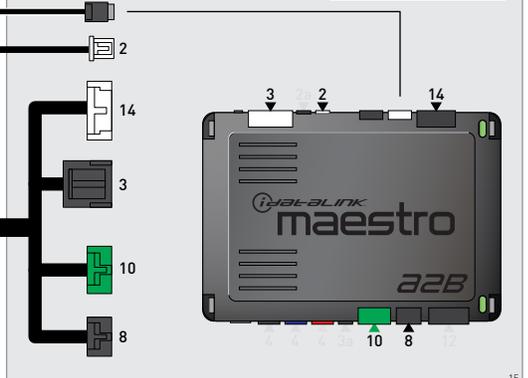
AMPLIFIER OR DSP



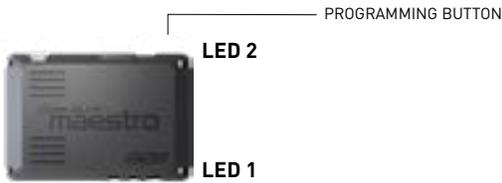
⚠ Only use plug F if DSP requires less than 3a for B+ input. Do not use plug F with AMP/DSP with higher input requirements.

STEP 4

MAESTRO A2B MODULE



MODULE DIAGNOSTICS



LED 1 Module/Firmware status	LED 2	LED STATUS	DIAGNOSTIC
●		1 RED flash	Module has no firmware. Flash module using Weblink Desktop and log in. Do <u>NOT</u> use DEMO MODE.
	●	1 GREEN (5 seconds)	CAN wake up = normal. (This will happen with door unlock, or if vehicle is unlocked with door opened, etc.).
●	●	OFF	Normal operation (inactive).

TROUBLESHOOTING TABLE

PROBLEM	SOLUTION
No LED response from A2B module.	Verify power/ground in factory harness. Test pins 4 & 8 in the 8-pin connector, in the vehicle for 12V B+/constant power. Check fuses noted on diagram if not reading 12V.
Chimes play through cluster, not speakers in vehicle.	Close/lock vehicle and let sit 15 minutes. Next, key cycle ON, chimes should play through the new amplifier/speakers as set up.
Radio volume knob or tone controls (bass/mid/treble) not responsive.	Ensure the black 8-pin plug is fully connected.
Radio not responsive, displays AUDIO OFF or volume knob doesn't function.	Ensure the white A2B 2-pin connector is connected to the WHITE port, not the tan. Also, try unplugging/plugging back in the blue end to the vehicle.
No audio and popping through speakers when volume is adjusted. Volume does function on the radio display.	Verify the A2B was flashed for the correct year/make/model vehicle.
No audio at all, but volume on radio display does function. No AUDIO OFF or other visible problems on the radio display.	Ensure the TOSLINK cable (if used) is plugged into the gray port on A2B module. Check RCA connections and amplifier/DSP setup. Test the wire in pin 3 of the 8-pin plug. This wire should read around 5V DC, if connections are proper and module is programmed/installed properly.
DSP not turning on, using plug D for power. 0v on yellow wire.	Ensure DSP requires 3A or less of input current. Check and replace 7.5A inline fuse near the 18-pin black connector if blown. If not blown, test vehicle OEM amplifier fuse(s).

MAESTRO A2B 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.

ENABLE A SEAMLESS AFTERMARKET AMPLIFIER INSTALLATION, WITHOUT CHANGING YOUR RADIO.



+



PRODUCTS REQUIRED

iDatalink Maestro A2B Amplifier Replacement Interface
iDatalink Maestro A2B-AR-F05 Installation Harness

PROGRAMMED FIRMWARE: F02-A2B-AR-AS

WELCOME

Congratulations on the purchase of your iDatalink Maestro A2B amplifier replacement solution. You are now a few simple steps away from enjoying your new car amplifier.

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.

ADDITIONAL INFORMATION AND ACCESSORIES

TOSLINK cable (sold separately)

Amplifier installation kit: (power wire, ground, fuse, etc.) (sold separately)

Speaker wire (sold separately)

[Installation, product information, vehicle specific videos.

[VIDEO HELP](#)



Last flash information, steering control configuration, vehicle information.

[VERIFY FLASH](#)



Software to program module.

[WEBLINK](#)



NEED HELP?

 1 866 427-2999

 maestro.support@idatalink.com

INSTALLATION INSTRUCTIONS P1/1

STEP 1

Note:

If you are running your own speaker wires from the amplifier to the speakers, this step is not necessary.

- Connect amplifier outputs to wires labeled OUTPUT as desired. Refer to wiring diagram for outputs 1 through 9.

The diagram will explain what speaker each output is connected to in the vehicle. Spaces are provided in the diagram for notes (i.e. amp channel used, speaker connected, etc.) and are editable in the PDF.

- Locate the AUDIO CONTROL MODULE connector. If using factory wiring, cut each wire listed in the diagram. Insulate the radio/connector side, and route the speaker side of the cut to the appropriate aftermarket amplifier output channel.

STEP 2

- Locate and unplug the factory DSP module harnesses.
- Connect all four aF05 harnesses to vehicle harnesses.

STEP 3

- Connect either RCAs or TOSLINK (sold separately) to the aftermarket amplifier input.
- Run 12V B+ and Ground wires from amplifier to vehicle battery and chassis ground.

If using a low power (**less than 3 amp input**) DSP, connect its power and ground connections to the supplied **F** 2-pin black plug.

- Connect the amp turn on wire from the aF05 harness to the aftermarket amplifier remote turn on input.

STEP 4

- Connect the plugs as shown on the diagram to the A2B module.

Configure your amplifier/DSP outputs, tune, and test the system.

Terminology:

LF : Left Front

LR : Left Rear

RF : Right Front

RR : Right Rear

Kick panel : side panel near floor

I/P : Instrument panel/dash

Subwoofer 1 or 2 : Can be 2 discrete subwoofers or 1 dual voice coil subwoofer

C-pillar : behind rear door of 4-door vehicle

D-pillar : by taillight of a SUV

Audio level adjust:

For Phone, voice prompt, or NAV audio, adjust volume knob while phone call, voice prompt, or NAV audio is playing. It will remember last set volume for the next prompt/audio interrupt.

Chime volume adjust:

1. Set radio source to Audio OFF
2. Activate the chime
3. Adjust chime level using the volume knob.
Note: if radio is not in "Audio OFF" the volume knob will just adjust the music, not the chime.
 The volume knob will likely need to be turned further than you expect for chime to be adjusted.

WIRING DIAGRAM

NC = NOT CONNECTED

STEP 1

DISREGARD STEP 1 IF RUNNING NEW WIRES DIRECTLY TO SPEAKERS.

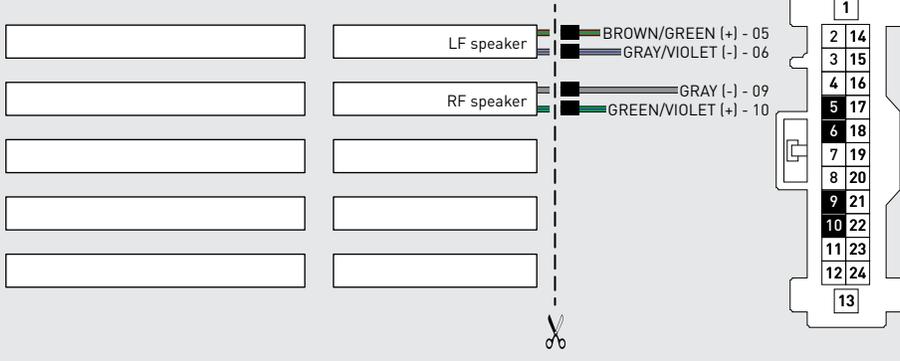
Installer notes

1	
2	
3	
4	
5	
6	
7	
8	
9	

NC	BLUE/BLACK (-)	OUTPUT 1
	BLUE (+)	
Center I/P speaker	ORANGE/BLACK (-)	OUTPUT 2
	ORANGE (+)	
RF door speaker	RED/BLACK (-)	OUTPUT 3
	RED (+)	
Subwoofer 1	BLACK/WHITE (-)	OUTPUT 4
	BLACK (+)	
LR door speaker	GRAY/BLACK (-)	OUTPUT 5
	GRAY (+)	
LF door speaker	WHITE/BLACK (-)	OUTPUT 6
	WHITE (+)	
RR door speaker	PURPLE/BLACK (-)	OUTPUT 7
	PURPLE (+)	
NC	YELLOW/BLACK (-)	OUTPUT 8
	YELLOW (+)	
NC	GREEN/BLACK (-)	OUTPUT 9
	GREEN (+)	

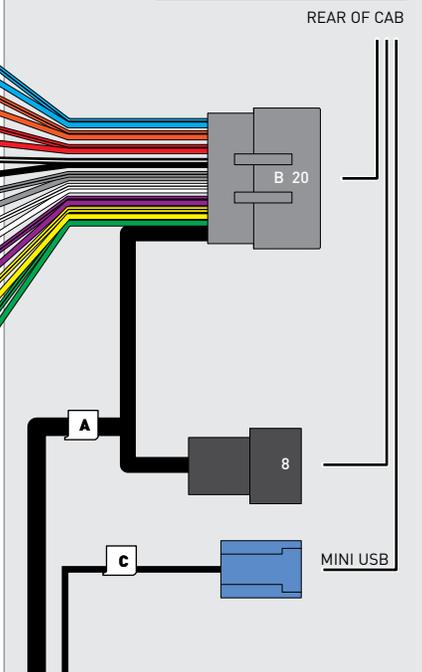
AUDIO CONTROL MODULE (ACM) CENTER OF DASH (RADIO)

ONLY CUT WIRES IN PIN LISTED. INSULATE PLUG SIDE OF CUT WIRES.
DO NOT FLUSH CUT WIRES RIGHT AT THE CONNECTOR.
LEAVE ENOUGH WIRE TO REATTACH TO RADIO SIDE, IN CASE OF AUDIO SYSTEM REMOVAL.



STEP 2

FACTORY AMPLIFIER HARNESSSES

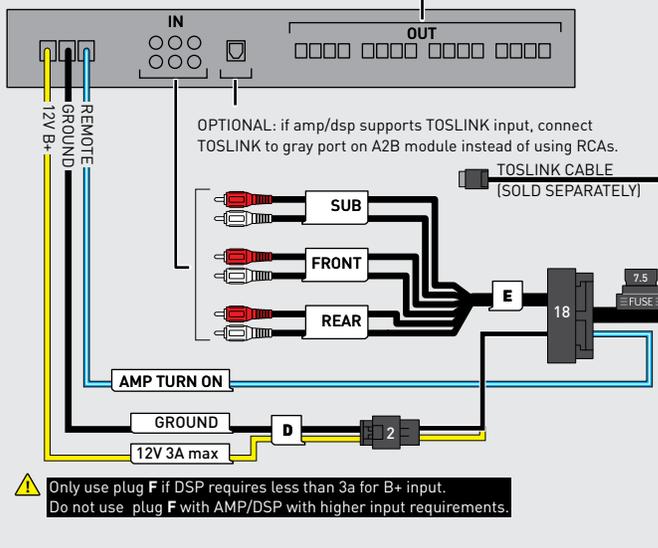


OEM AMPLIFIER B+ FUSE LOCATION:
#48 - RR ENGINE COMPARTMENT
(30A)

STEP 3

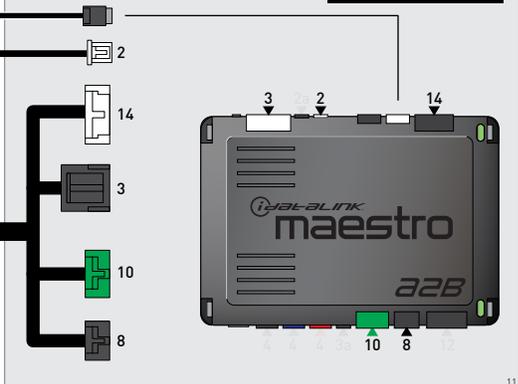
If using a DSP only (no internal amplifier),
an aftermarket amplifier is required to power speakers

AMPLIFIER OR DSP

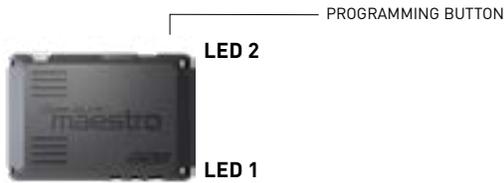


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MAESTRO A2B MODULE



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