Installation Instructions

Model:	2021- 2024 Ford Bronco w/ B&O Sound System
Description:	Tailgate Subwoofer
Part Number:	MBQBRO-302
Assembly Time:	120 Min (2 Hours)

It is always best practice to disconnect your negative battery terminal prior to any electronics installations to avoid damaging the vehicle's electrical system. Before you begin, read through these instructions and check that all parts are present.

This installation may require special skills and tools to complete and it may be necessary to seek a trained installation technician to complete this installation. Please note that MB Quart cannot assume any responsibility for damage resulting from incorrect installation.

Parts List		
No.	Component Name	Qty
1	Subwoofer Enclosure with Subwoofer and Grill	1
2	NA2-400.1	1
3	Amplifier Mounting Plate	1
4	Harnesses	4
5	AP4-FD31 (Included in the MBQBRO-STG6A-1 Kit)	1

Tools Required	
1	Bojo or Panel Tool
2	Philips Screwdriver
3	8mm, 10mm, & 13mm Socket
4	Rachet
5	T25 & T50 Torx

Disassembly

- Remove (4) plastic covers on rear cargo tie downs in cargo floor





- Remove (8) 10mm bolts from tie downs.



- Remove cargo floor panel from vehicle and set aside.



Disassembly

- Unclip a small plastic panel that wraps around the ROPS see pic.



- Carefully pull and unclip the passenger rear cargo panel. Please take a look at the picture so you know where each of the (10) clips are located.





- Unplug 3 connectors behind the side panel light and power port and remove panel from vehicle.



Disassembly

- If your vehicle has a factory amplifier and subwoofer then do the following steps. If not, skip to the next page. Disconnect the wiring harnesses on the amplifier.

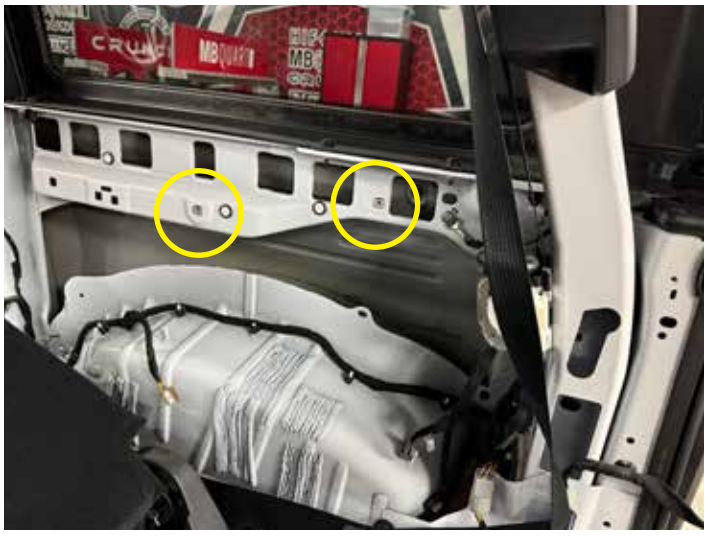




- Remove (2) 10mm bolts from the top of the sub enclosure and (2) 10mm nuts from the bottom of the sub enclosure

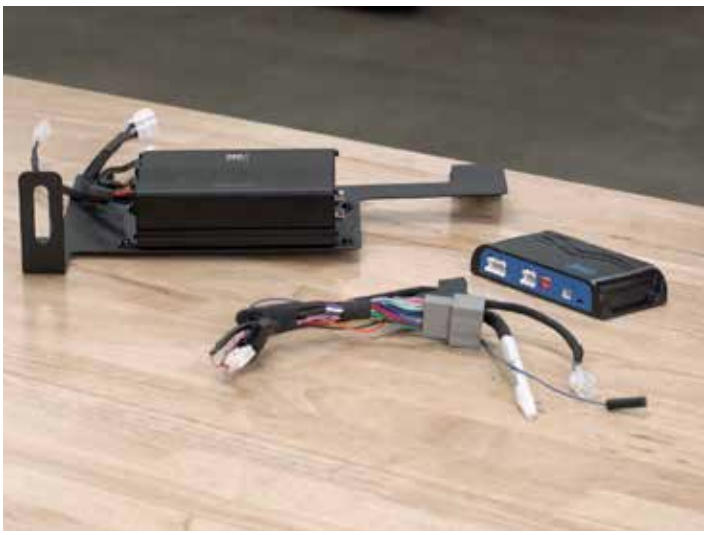


- Remove the enclosure from the vehicle



PAC/Amplifier Installation

- Now prep the amp plate for installation.



- Mount the PAC-Audio AP4-FD31 module onto the back of the amp plate using only (2) M2 screws and washers.

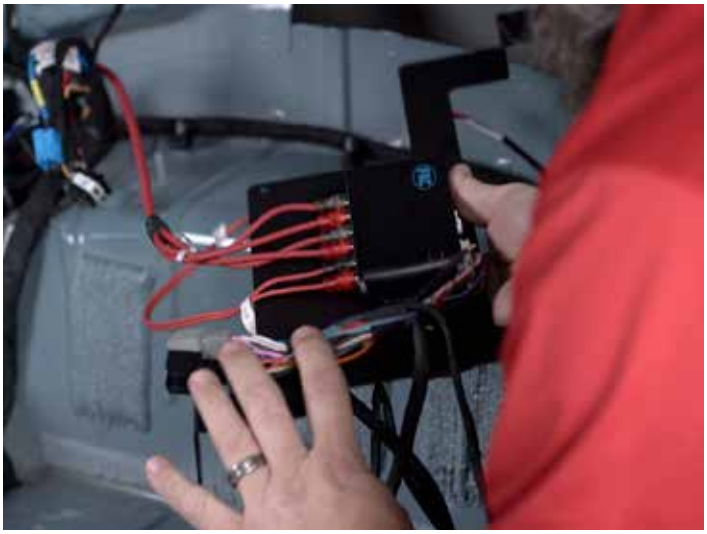


- In the vehicle, Connect the PAC-Audio Plug'n'Play harness and RCA's to the module. See diagram for Front, Rear, and Sub RCA locations.

NOTE

If you ran a sub volume knob, connect it now.





PAC/Amplifier Installation

- Mount the amp plate into the vehicle using (2) OEM bolts and (1) OEM nut that were removed earlier.



- connect the AP4-FD31 harness to the OEM amp connectors in the vehicle.

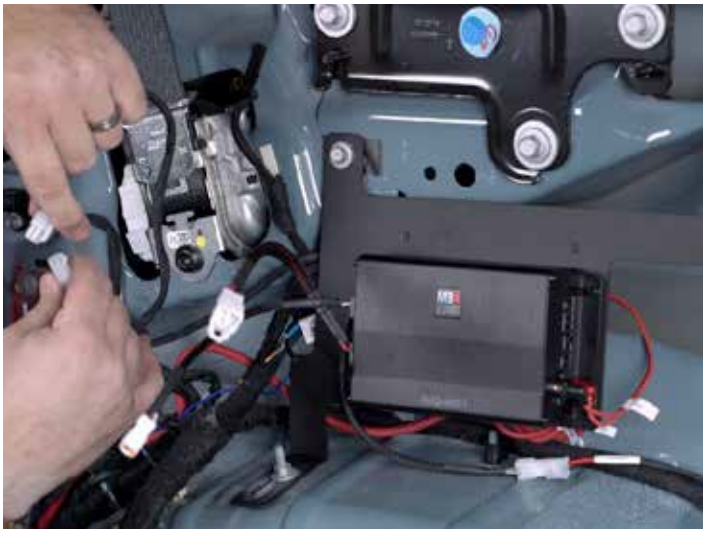


- Connect the remote turn-on wire to the remote turn-on wire from the PAC module.



PAC/Amplifier Installation

- Connect the front speaker extension harness to the 4pin connector from the amplifier



- Connect the power extension harness to the power harness on the amplifier.

NOTE

Zip tie the wiring and make sure it is out of the way of the rear passenger panel.



Installation

- Remove the plastic trim piece on the tailgate with a panel removal tool. There are 4 clips along the bottom. The top will fall out once these are removed.





- Install (3) Nutserts into the 3 holes behind the panel you just removed, using the provided Nutsert tool.





Installation

- Remove (4) T20 Screws from subwoofer and unplug it from the enclosure





- Clean edge of enclosure with Isopropyl alcohol. Install foam tape around the edge on the back of the enclosure



- Clean with Isopropyl alcohol before Installing 3 foam spacers over the 3 mounting holes



Installation

- Clean mounting brackets with alcohol and place the foam pads like in the photo



- Mount tabs into the slots toward the bottom of the enclosure

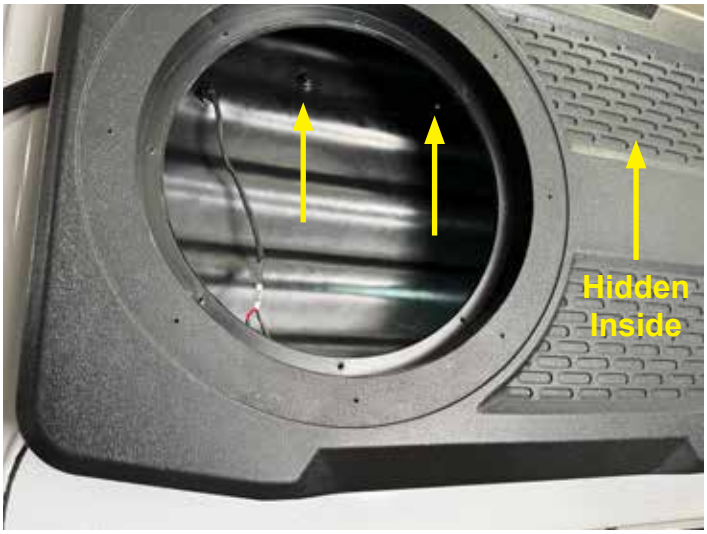


Installation

- Set brackets into bottom groove of tailgate



- Install (3) M6x45mm bolts with washers inside the enclosure to the (3) Nutserts you installed previously.



- Connect enclosure harness to subwoofer



Installation

- Mount subwoofer to enclosure with (8) T20 screws



- Mount grill to enclosure with (8) T20 Screws



- Connect subwoofer extension harness to enclosure harness. Secure to factory tailgate harness with zipties



Installation

- Connect subwoofer extension harness to subwoofer amp. Ziptie along factory harness where possible.



- Reconnect passenger seat and test sound system. When it sounds awesome, reassemble vehicle panels that were removed. Enjoy!!



FCC Notification

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a mobile installation. This equipment generates uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, this equipment may cause harmful interference to radio communications. There is no guarantee that interference will not occur in a particular installation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complied with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

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WARRANTY

Maxxsonics, LLC. warrants this product, to the original consumer purchaser, to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Maxxsonics, LLC. will, at it's discretion, repair or replace defective products during the warranty period. Components that prove to be defective in materials and workmanship under proper installation and use must be returned to the original authorized Maxxsonics, LLC. retailer from where it was purchased. A photocopy of the original receipt must accompany the product being returned. The costs associated with removal, re-installation, and freight are not the responsibility of Maxxsonics, LLC. This warranty is limited to defective parts and specifically excludes any incidental or consequential damages connected therewith. To view the full warranty, please visit the website.

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