

ADD-ON 10" KICKER SUBWOOFER

INSTALLATION

250-BR-PHZ+DS10K

FORD® BRONCO



Fits: 2021-2026 Ford® Bronco



Please read and understand these instructions completely before installation to avoid possible injury, or damage to the accessory or vehicle.

WARRANTY DISCLAIMER

SSV Works offers a warranty on all products manufactured by SSV Works, covering defects in material or workmanship. For Kicker products included with SSV Works systems, SSV Works handles all warranty claims directly, eliminating the need to contact Kicker separately. Warranty coverage is as follows:

- Enclosures/Panels (SSV Works): Limited Lifetime Warranty
- SSV Works Speakers and Subwoofers: Limited Lifetime Warranty
- Kicker Speakers: Limited 3-Year Warranty
- Kicker Subwoofers: Limited 1-Year Warranty
- SSV Works Amplifiers: Limited 2-Year Warranty
- Kicker Amplifiers: Limited 2-Year Warranty
- SWITCH Works Products: Limited 3-Year Warranty

This warranty does not cover damage caused by misuse, improper installation, or unauthorized modifications. For warranty claims, please contact SSV Works directly for assistance.

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PARTS LIST

INCLUDED



(SD-KPX5001)
 Kicker 48KPX5001,
 500 x 1 Amplifier



(B-A3932)
 Amp Bracket, Ford
 Bronco, Sub Add-On,
 Kicker KPX5001



(B-HPM412-4)
 Amp Hardware Pack, M4x0.7
 x 12 LG With Washers



(A-HPM612-1)
 Hardware pack, set of one
 M6x12 Hex Head screw &
 One 14 O.D. washer



(B-H1389)
 4 Pin Weatherproof
 Audio Extension 69", x2



(A-H3074MOD)
 Harness, 2-PIN 14 AWG
 Subwoofer Extension
 (3FT) (female
 connector cut off)



(B-H3545)
 4-Pin Sumitomo MT
 Series 2 RCA Male Plugs
 Harness, 6-INCH



(B-H3901MOD)
 Harness, OE Kicker
 Amp Power/Ground for
 Bronco (18 / 3 ft)



(B-FH4-40A)
 #4 AWG Fuse Holder
 Weatherproof,
 Assembled 40 A



(B-H3937A)
 Bronco Add-On Sub,
 Visteon System
 T-harness



(B-H3616)
 Bronco Add-On Sub,
 Bang & Olufsen
 System T-harness



(B-MB3145)
 Body Bracket, Subwoofer,
 2021 Bronco 4 Door, Soft Top



(B-MB3144)
 Body Bracket, Subwoofer,
 2021 Bronco 4 Door, Hard Top



(B-MB3143)
 Spacer, Subwoofer, 2021
 Bronco 4 Door



(B-MB3142)
 Lower Housing
 Bracket, Subwoofer,
 2021 Bronco 4 Door



(B-MB3141)
 Upper Housing Bracket,
 Subwoofer, 2021 Bronco 4 Door



(B-HP3146)
 Hardware Pack, Sub,
 2021 Bronco 4 Door

TOOLS NEEDED

- 10mm Socket
- 13mm Socket
- 8mm Socket
- Panel Popper
- Phillips Head Screwdriver
- 5mm Allen Wrench
- 3mm Allen Wrench
- 3/8" Drill Bit



BATTERY DISCONNECT



Open the hood and disconnect the negative battery terminal using a 10mm socket.

DISSASSEMBLY



Using a panel popper, remove the top panel next to the roll bar on the passenger side.



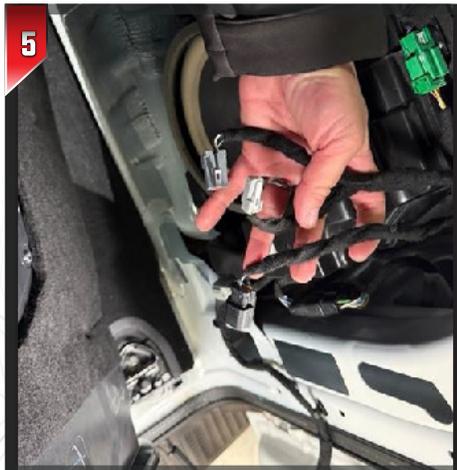
Remove the rear D-ring panels.



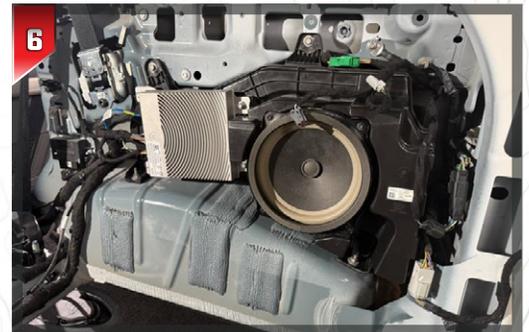
Remove the rear tail panel.



Remove the trim panel located behind the rear seats.



With all surrounding panels removed, unplug the three wiring harnesses connected to the main passenger-side panel, then remove the panel completely.



This step provides access to the factory wiring, allowing you to connect the subwoofer to the vehicle.

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7 Move to the driver-side panel and remove the small panel located at the top center section of the main panel.



8 With the small panel removed, use a panel popper to remove the main driver-side panel.



9 Remove the D-ring panel located behind the rear passenger seat on the driver's side to expose the 2 bolts. Then using a 13mm socket, remove the 2 bolts.

WIRE ROUTING



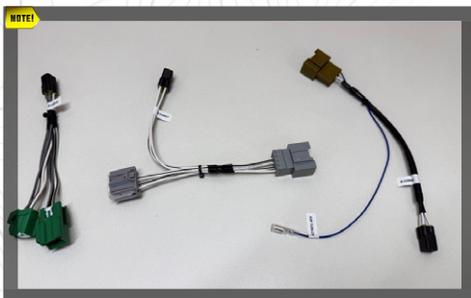
1 Mount the Kicker **KPX5001** amplifier to the amp mounting bracket using the four (4) provided Phillips-head screws. Ensure the amplifier is oriented correctly.



2 On the passenger side of the cargo area, locate the factory amplifier input plug. This plug will be used to take signal and route it to the Kicker amplifier. If the vehicle is equipped with the B&O system, the plug will be green (as pictured) and will connect to the **B-H3616** T-harness. If the vehicle is equipped with the non-B&O system, the plug will be gray and connected to the "fake" amplifier and will connect to the **B-H3937** T-harness.



3 In this installation, the vehicle is equipped with the B&O system. Unplug the green subwoofer output harness, then install the **B-H3616** T-harness in-line between the two factory connectors. The harness will only connect in one direction.

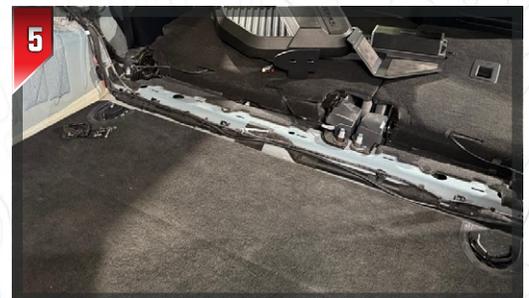


NOTE! Depending on the trim of your Bronco, you will need to use 1 of the 3 provided harnesses.

- **B-H3991** for pre-wired vehicles w/dummy-sub
- **B-H3937** for Visteon (grey plugs) audio systems
- **B-H3616** for B&O (Green Plugs) audio systems



4 Take the first **B-H1389** harness and plug it into the remaining connector on the B-H3616 T-harness (or **B-H3937** if equipped with the non-B&O system).



5 Route the **B-H1389** harness toward the front of the vehicle, then down and across the channel behind the rear seats.

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Stop the **B-H1389** harness before reaching the driver-side cargo area. Take the second **B-H1389** extension harness and connect it to the first **B-H1389** harness you just routed.



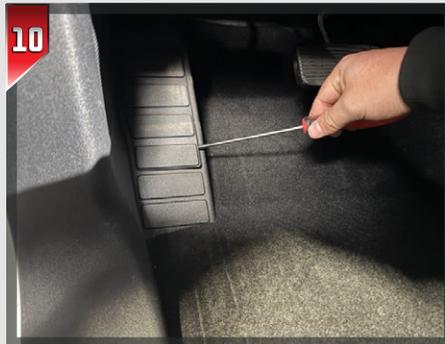
Route the **B-H1389** harness up the driver-side wheel well, following the factory wiring harness toward the rear of the vehicle. Drop the harness down into the rear lower cavity where the amplifier will be mounted.



Next, prepare to route the amplifier power wire. Remove the rear driver-side bottom door sill by carefully prying it up and out; it is held in place by speed clips.



Now remove the front driver-side door sill trim by carefully prying it up and out. Like the rear sill, it is held in place by speed clips.



Next, remove the front kick panel. Begin by removing the lower footer kick panel by prying it off to expose the nuts beneath, which secure the side panel in place.



Remove the two (2) 10mm nuts located beneath the kick panel you just removed, then carefully pry the side panel away.



With the side panel removed, the firewall grommets are now exposed. There are three (3) grommets; locate the upper-right grommet, pull it out, and punch a hole through it to pass the power wire.



We can now begin routing the power wire (the ground wire does not get routed to the front). There will be extra slack on the power wire; we recommend running the power from the front to the rear to bundle the slack in the back or trim any excess.



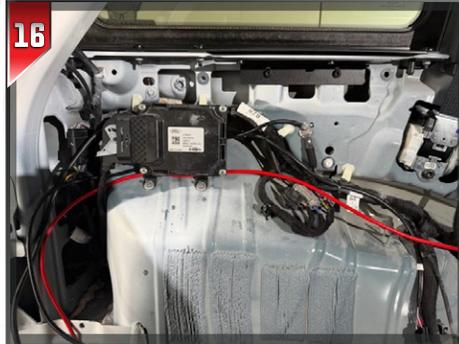
Once you have routed enough cable through the firewall, begin running the power cable down under the front door sill.

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Fish the power cable down under the B-pillar trim piece and route it through the rear door sill.



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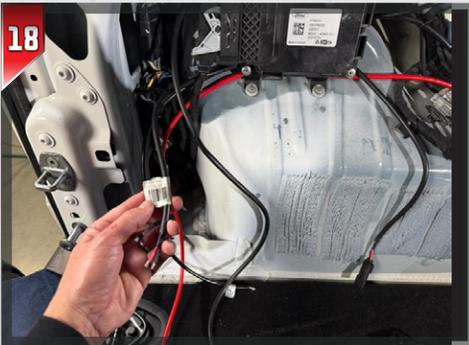
Route the power cable up to the rear driver-side wheel well, following the factory wiring harness toward the rear of the vehicle, just as was done with the B-H1389 harness in step 7.



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Next, route the amplifier ground cable. Locate the factory grounding point above the rear wheel well, remove the 8mm nut, attach the ground cable, and then resecure the 8mm nut.

AMPLIFIER INSTALLATION



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The last cable to route is the A-H3074MOD 2-pin subwoofer output harness. Starting with the open end near the rear cavity, run the cable along the factory wiring harness toward the front of the wheel well.



1

To mount the amplifier mounting plate to the vehicle, first drill a hole for the lower mount. Begin by removing the two (2) upper 10mm bolts. Position the amplifier plate in place and mark the location for the lower mounting hole. Note the amplifiers position is towards the inside of the cavity.



2

Using a 3/8" drill bit, drill out the hole for the lower mounting location. The new hole should be just to the right of an existing hole.

NOTE! With all cables routed and the hole drilled, we can now begin making connections to the amplifier and mount the amplifier.



3

Using a number three (3) Allen wrench, loosen the set screws on the amplifier for the GND, +12V, and Speaker + and - terminals. Connect the wires as follows: ground to GND, power to +12V, and the A-H3074MOD open end, red to Speaker + and black to Speaker -.



4

Place the amplifier mounting plate back into position and resecure the two (2) 10mm nuts on the upper mounting plate. Using the provided 8mm bolt, secure the lower mounting bracket. Note that the lower mounting plate sits inside the cavity.



5

Connect the included 4-pin to female RCA adapter to the single plug protruding from the amplifier.

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Using the **B-H3543**, connect the male RCA ends to the corresponding female RCA connectors.



Finally, connect the **B-H3543** to the **B-H1389** extension harness. At this point, all connections have been made to the amplifier.

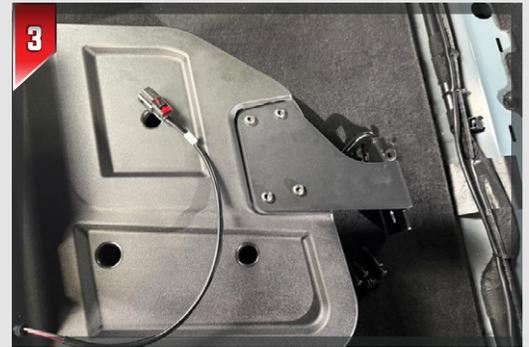
SUBWOOFER INSTALLATION



With the amplifier installation complete, reinstall the factory wheel well panel. Note that you will need access to the 2-pin subwoofer output harness a few steps after the panel is installed.



Using the provided six (6) M6 bolts and washers, install the upper subwoofer enclosure bracket onto the enclosure.



Using the provided four (4) M6 bolts and washers, install the lower subwoofer enclosure bracket onto the enclosure.



Using the provided subwoofer lower bracket spacer, position it in place where you removed the forward driver-side D-ring earlier during vehicle disassembly.



Install the body bracket onto the factory weld nuts using the two provided M8 screws and washers. Note: The sub kit includes a body bracket for both hardtop and soft-top models.



With the subwoofer enclosure nearly in position, connect the subwoofer enclosure 2-pin plug to the 2-pin subwoofer output harness.

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7 Fully position the subwoofer enclosure in place and loosely secure the top mounting bracket using the two (2) T-30 Torx bolts.



8 Place the factory D-ring on top of the lower subwoofer enclosure and secure the lower bracket using the two (2) 1.25" T-30 Torx bolts.

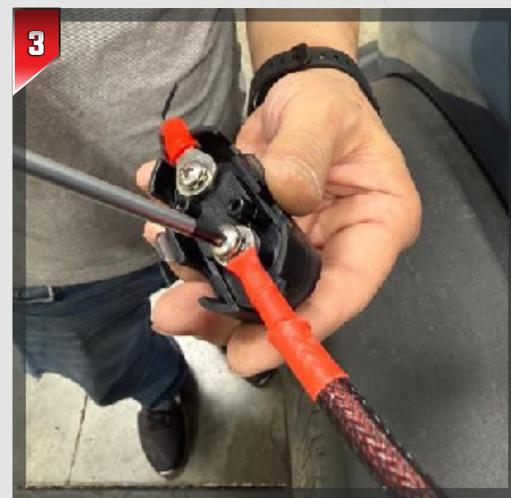
BATTERY CONNECTION



1 Now connect the fuse holder to the power wire. Remove the top portion of the fuse holder to expose the two (2) Phillips-head screws, remove the screws, and install the provided 40A fuse.



2 Then, using a Phillips-head screwdriver, remove the bottom cover of the fuse holder and install the B-H3561 power wire



3 Then connect the main power wire to the fuse holder.



4 Now make the connection to the positive terminal of the vehicle battery

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INSTALLATION



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