

BORNE OFF-ROAD








INSTALLATION GUIDE

Direct-Fit Switch Panel, Fits 2021+ Ford Bronco
SKU: BNLT-BR-21-SWT

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RESOURCES & CONTACT

-  **CALL 1.877.466.4744**
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  **@BORNEOFFROAD**
-  **@BORNEOFF-ROAD**
-  **BORNEOFFROAD**
-  **@BORNEOFFROAD**
-  **ENGINEERING BLOG**
WWW.BORNE.COM/ENGINEERING

IMPORTANT SAFETY INFORMATION

- ▶ Borne Off-Road recommends you use safety glasses and protective gloves during the installation of our products
- ▶ Raise vehicle only on jack stands or on a vehicle lift
- ▶ Allow vehicle to cool completely prior to attempting installation
- ▶ Do not run the engine or drive the vehicle while overheating; serious damage can occur
- ▶ Please dispose of any liquids properly
- ▶ Borne Off-Road is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Borne Off-Road products
- ▶ If you need any assistance while installing our products, reach out to our Customer Service Team at 1-877-GOMISHI

INCLUDED PARTS

1X SWITCH PANEL	1X 90° USB-A ADAPTER
5X PANEL PLUGS	1X 90° USB-C ADAPTER
1X PANEL-MOUNTED USB ADAPTER	2X ZIP-TIES

REQUIRED TOOLS

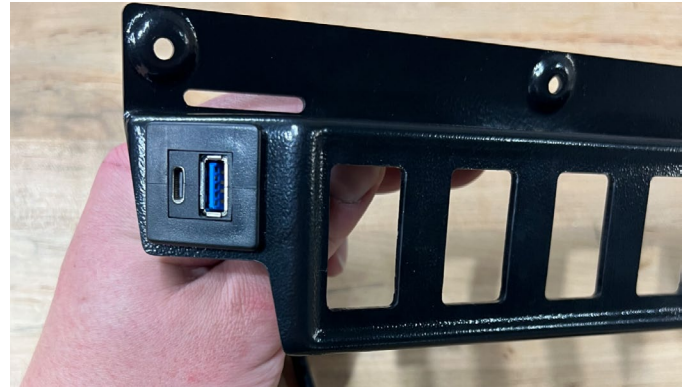
¼" RATCHET	NEEDLE NOSE PLIERS
6MM SOCKET	SANDPAPER
7MM SOCKET	MARKER
T30 TORX	RULER
SIDE CUTTERS	FILE

INSTALL TIME: 1.5 HOURS

INSTALL DIFFICULTY: 

INSTALLATION INSTRUCTIONS

1. Feed the panel-mounted USB adapter wires through the switch panel, then firmly press it into place.



2. Feed the provided zip-ties through the plastic tabs on the backside of the panel-mounted USB adapter, then zip them in place. Trim the excess sections of the zip-ties for a clean finish.



3. Connect the USB-A and USB-C 90° adapters to the ends of the panel-mounted USB adapter cables.



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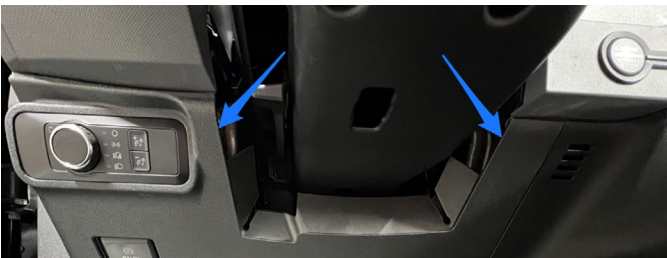
4. Remove the two T30 Torx fasteners, securing the center console grab handle. Once the fasteners are removed, remove the grab handle from the center console.



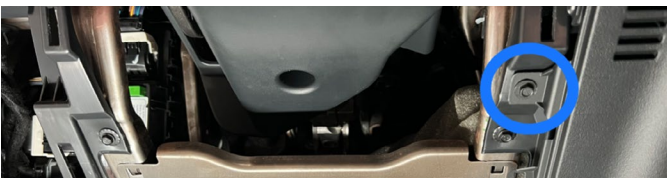
5. Open the glove box and remove the 7mm bolt in the upper left corner.



6. Pull outward on the driver-side dash panel under the steering column. Once all of the clips securing it in place are free, the panel will swing downwards to the floor.



7. Remove the 7mm bolt located in the upper right corner.



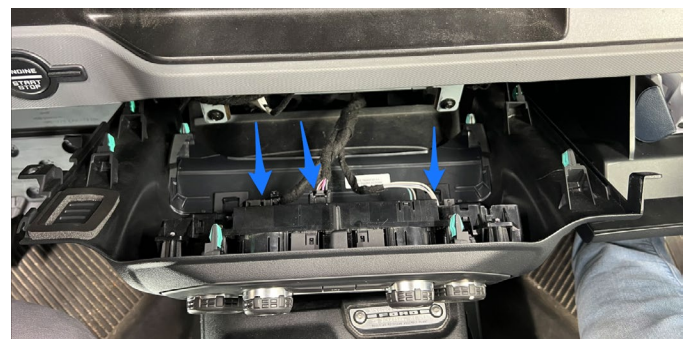
8. Cycle the vehicle's ignition to the accessory position, then engage the parking brake. Once the parking brake is engaged, depress the brake pedal and move the gear selector into drive. After completing this process, cycle the ignition back to the off position.



9. Grasp the sides of the climate control assembly and pull outward to release the clips securing it in place.

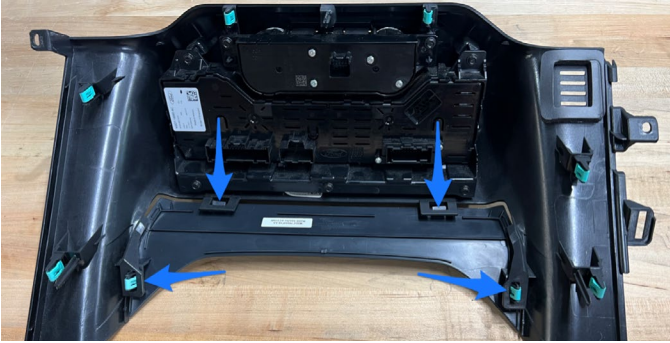


10. Disconnect the three wire harness connectors from the backside of the climate control assembly. Once the connectors have been removed, remove the climate control assembly from the vehicle. After completing this process, depress the brake pedal and shift the gear selector back into park.

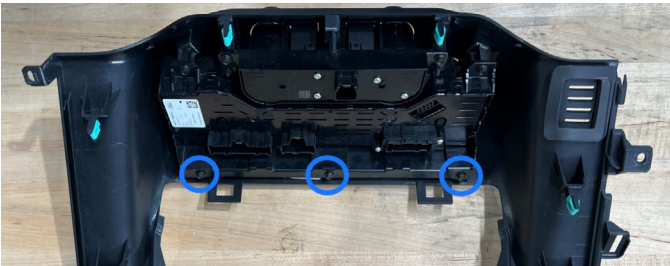


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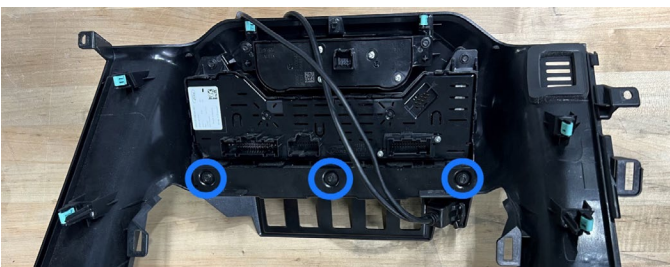
11. Remove the lower trim panel from the bottom of the climate control assembly.



12. Remove the three 6mm screws from the backside of the climate control assembly.



13. Install the Borne Off-Road switch panel and secure it in place with the three 6mm screws removed in the previous step.



14. Identify the center line of the lower trim panel previously removed from the climate control assembly. There is a small bump on the back of the trim panel (red arrow in the image below); this is the center point of the panel. Using a marker and ruler, mark out a box that extends 15mm from each side of the center line and spans from the bottom edge of the panel to the groove above it (approximately 20mm from the lower edge of the panel). (Image on top right)



15. Using a file or similar abrasive tool, remove the material located in the box that was marked in the previous step. A pair of side cutters may be used as a means to quickly "rough-in" the area where the material is being removed; however, a file and sandpaper should be used to clean up all edges to create a clean-looking cut.



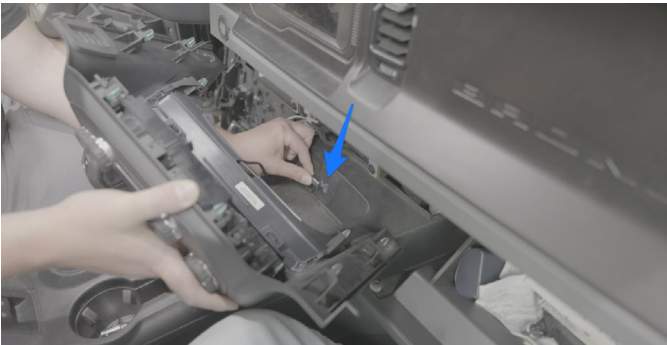
16. Reinstall the lower trim panel onto the climate control assembly.



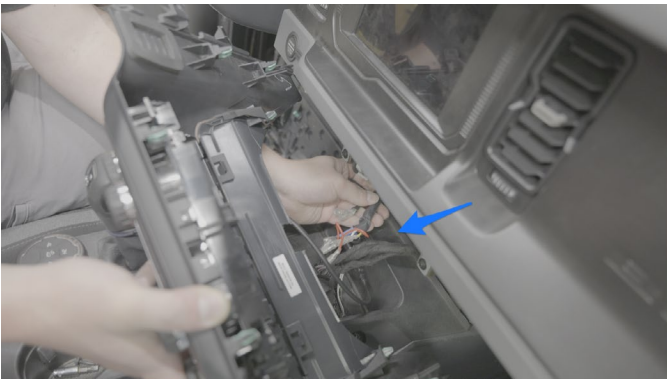
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17. Cycle the vehicle's ignition to the accessory position, then engage the parking brake. Once the parking brake is engaged, depress the brake pedal and move the gear selector into drive. After completing this process, cycle the ignition back to the off position.

18. Connect the USB-A and USB-C cables to the connection ports in the center console.



19. Position all Borne Off-Road lighting/accessory wire harnesses to be centered above the center console.



20. Reconnect the three previously removed harness connectors to the backside of the climate control assembly.



21. Line up the Borne Off-Road lighting/accessory wire harnesses with the notch cut out in the climate control assembly's lower trim panel, then firmly press the climate control assembly back into place.



22. Feed the Borne Off-Road lighting/accessory wire harnesses through the desired open slots on the switch panel and connect the wires to the switches. Once all the wires are connected, press the switches into the slots until fully seated.



23. Install the provided panel plugs into the remaining empty slots on the switch panel.



24. Depress the brake pedal and shift the gear selector back into park.

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25. On the driver's side, reinstall the 7mm bolt that was previously removed. Once reinstalled, rotate the dash panel under the steering column upwards and firmly press it back into place.

26. On the passenger's side, reinstall the 7mm bolt that was previously removed. Once reinstalled, close the glove box.

27. Reinstall the center console grab handle and secure it in place with the two T30 Torx fasteners.

Installation is now complete.

DISPOSAL INSTRUCTIONS

- › Do not dispose of any product as unsorted municipal waste. Use separate collection facilities. Contact your local authority for information regarding the collection systems available.
- › Never improperly dispose of any coolant, oil, or other chemicals



WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov

- › This product can expose you to chemicals which are known to the state of California to cause cancer. For more information visit:
www.p65warnings.ca.gov