



E9X Rear Seat USB-C Charger

Installation Guide | E90 / E91 / E92 / E93 / M3

FITMENT	INSTALL TIME	DIFFICULTY
BMW E9X console style shown	Approx. 30 minutes	Moderate DIY



Finished installation - the dual USB-C module replaces the lower rear-console cubby.

BEFORE YOU START

Included	USB module with harness; two blue 14-18 AWG T-tap connectors
Required tools	Non-marring trim tool; small pick or mini flathead; needle-nose pliers; 10mm wrench
Recommended	Digital multimeter; flashlight; eye protection
Support	info@falkmfg.com
IMPORTANT:	Disconnect the negative battery terminal before removing trim or making electrical connections. Failure to do so may destroy the product and will void the warranty. If your radio has a security code for power loss, locate the code.

1 | Prepare and remove the factory trim

BATTERY: Switch the ignition off, remove the key, open the trunk, and disconnect the negative battery terminal. Prevent the terminal from springing back into contact.

STEP 1 | DISCONNECT THE BATTERY

Do not continue until the negative terminal is fully disconnected. If you are uncertain about battery service or vehicle electrical work, use a qualified installer.

STEP 2 | REMOVE THE REAR HVAC TRIM

From the rear seat, insert a non-marring trim tool at the outer edge of the rear vent trim. Work around the perimeter and pull the assembly toward the rear seat to release the retaining clips. Pry only on solid trim edges - never on the vent louvers.



Release the trim gradually to avoid marking the console.

STEP 3 | RELEASE THE LOWER CUBBY

Use two picks or small flathead screwdrivers to lift both metal locking tabs at the same time. While holding the tabs up, slide the factory lower cubby toward the rear seat until it clears the console.



1 LIFT BOTH METAL TABS



2 SLIDE THE CUBBY OUT

2 | Route the harness and install the module

STEP 4 | ROUTE THE CHARGER HARNESS

Keep the rear HVAC trim removed. Feed the charger harness through the empty lower-console opening and route it toward the factory 12V-socket wiring cavity. Keep the harness away from sharp edges, moving linkages, and clip locations.

STEP 5 | SEAT THE USB-C MODULE

Align both retaining tabs with the console slots and press the module inward evenly until both sides lock. The face should sit flush with the surrounding console. If it does not seat easily, stop and reposition the harness behind it.



Align both side tabs; do not force the module over trapped wiring.

ROUTING CHECK: Confirm that no wire crosses a retaining tab, screw point, or trim clip before proceeding to the electrical connections.

3 | Make the electrical connections

BATTERY REMAINS DISCONNECTED: Do not reconnect the battery until both T-taps and both harness terminals are fully installed and insulated.

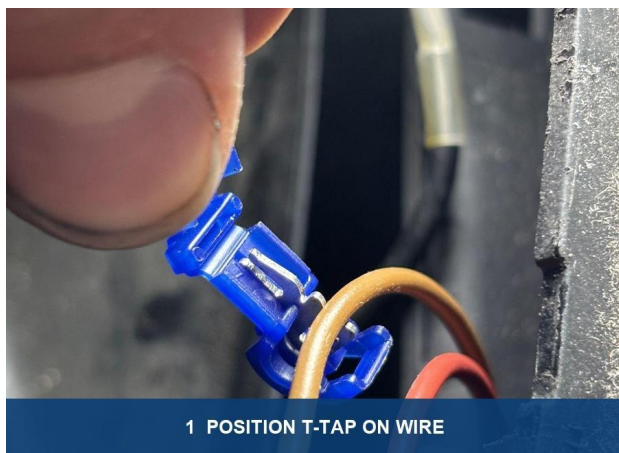
STEP 6 | IDENTIFY THE 12V-SOCKET WIRES

Locate the two wires feeding the factory 12V socket under the armrest. On the vehicle pictured, red is +12V and brown is ground. BMW wire colors can vary by year and options; verify polarity using vehicle wiring information or a multimeter before connecting.



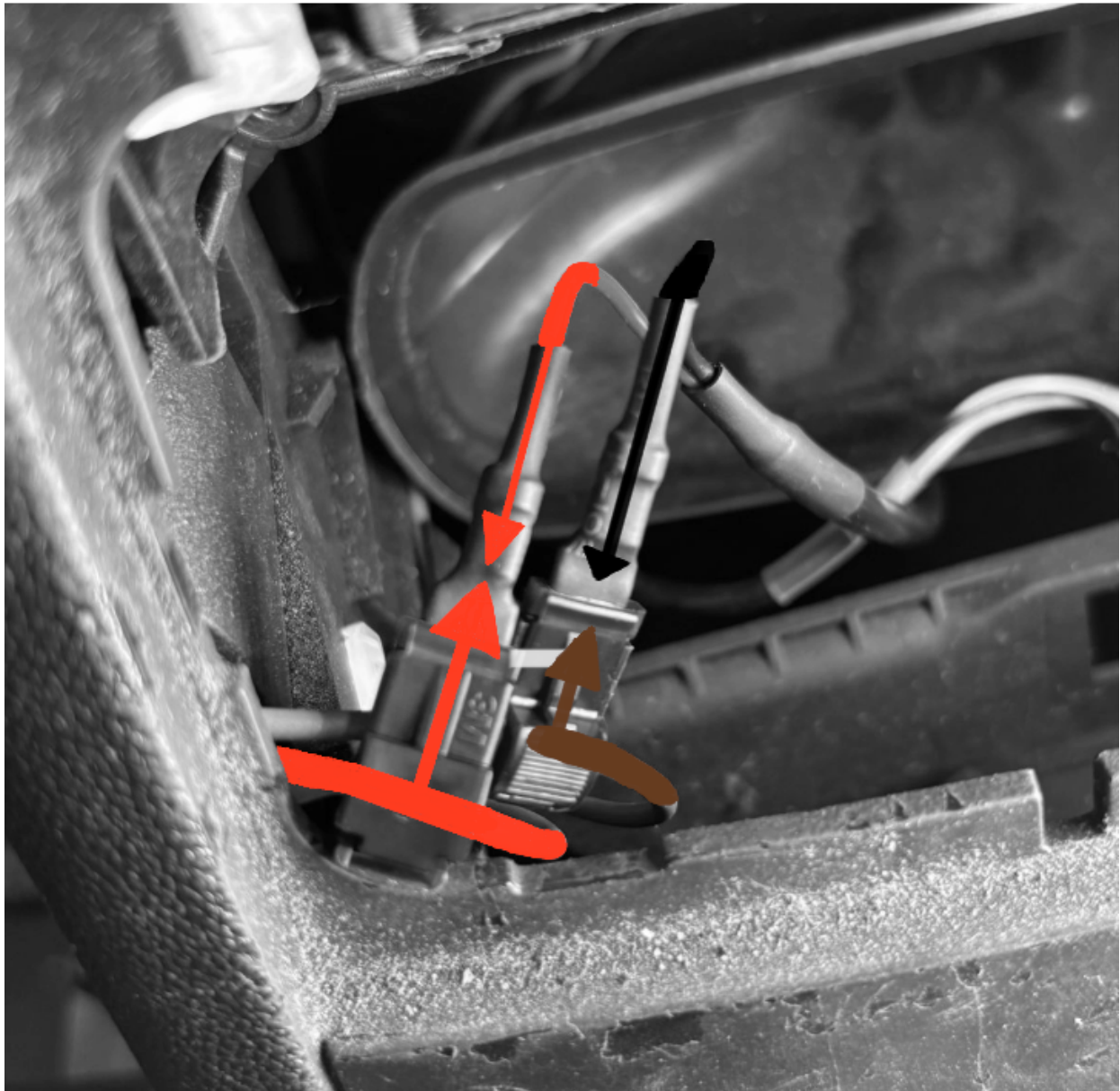
STEP 7 | INSTALL THE TWO T-TAPS

Place one blue T-tap around the verified +12V wire and the other around the verified ground wire. Close each clamshell with needle-nose pliers until the latch clicks and the connector is fully seated.



STEP 8 | CONNECT THE CHARGER HARNESS

Plug the charger harness red lead into the +12V T-tap. Plug the charger harness black lead into the brown (ground) T-tap. Push each terminal on fully and confirm that the two connections cannot contact each other. Verify no exposed metal is showing to avoid shorts.



4 | Test, reassemble, and verify

STEP 9 | TEST BOTH USB-C PORTS

Reconnect the negative battery terminal. If the factory 12V circuit is ignition-switched, turn the vehicle to accessory mode. Test both ports with a known-good cable and device before reinstalling the trim.

STEP 10 | SECURE THE WIRING AND REINSTALL TRIM

Turn the ignition off. Push the T-tapped wires down and to the left so the HVAC trim can reinstall without pressure on the connectors. Tuck the remaining harness away from all clips and edges, then press the HVAC trim into place until every clip locks.

QUICK TROUBLESHOOTING

No power	Check ignition state, factory 12V fuse, tap closure, terminal seating, and verified polarity.
Only one port works	Try a different cable and device. If the problem remains, contact Falk MFG.
Trim will not seat	Move the T-taps and excess wire down and left; confirm no wiring crosses a clip or retaining tab.
Module will not latch	Remove it, clear the harness from behind the face, realign both side tabs, and press evenly.

SUPPORT AND INSTALLATION NOTICE

Questions: info@falkmfg.com. Vehicle disassembly and 12V electrical work can cause injury or property damage if performed incorrectly. Procedures and wire colors may vary by model year and options. Consult a qualified technician when uncertain.

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