VAT Field Not Showing in Block-Based Checkout

Troubleshooting · https://wpfactory.com/docs/vat-field-block-checkout-issue/

If the VAT field from EU/UK VAT Manager for WooCommerce does not appear in the WooCommerce checkout block, turn on **Checkout block field** at **WPFactory > EU VAT** (also reachable at **WooCommerce > Settings > EU VAT**) > **Advanced**. It is off by default, needs WooCommerce 8.9.1 or later, and is ignored while **Hide EU VAT field from checkout** is on.

Symptoms

- The VAT field is missing from the block checkout.
- A browser console error such as `alg_wc_eu_vat_ajax_object is not defined`.
- Orders complete without a VAT number or exemption.

Cause

The block checkout uses a separate field registration from the classic checkout, and it must be enabled. Script dependency or caching or minification plugins can also stop the validation script from loading.

Requirements for the block field

Requirement	Where	Default
Checkout block field enabled (`alg_wc_eu_vat_enable_checkout_block_field`)	Advanced	Off
WooCommerce 8.9.1 or later	Plugins	-
Hide EU VAT field from checkout off (`alg_wc_eu_vat_hide_eu_vat`)	General	Off

Requirement	Where	Default
Add script dependency (`alg_wc_eu_vat_checkout_block_field_dependencies`), only if you see the console error	Advanced	Off

Fix

1. **Update WooCommerce and the plugin** to the latest versions.
2. **Enable the block field.** Go to **WPFactory > EU VAT** (also reachable at **WooCommerce > Settings > EU VAT**), **Advanced** sub-tab, and turn on **Checkout block field**.
3. **Check the General sub-tab** and make sure **Hide EU VAT field from checkout** is off.
4. **Add the script dependency** if you see the `alg_wc_eu_vat_ajax_object is not defined` error: enable **Add script dependency** on the Advanced sub-tab.
5. **Clear caches and disable JS minification or concatenation** temporarily to rule out an optimization conflict.
6. **Test with a default theme** and only WooCommerce plus the VAT plugin active. If the field appears, re-enable your other plugins one at a time to find the conflict.

What the customer sees

In the block checkout the VAT field appears in the **Contact information** section, not next to the billing address as in the classic checkout. If you enabled **Let customer decide** or **Valid VAT but still paying?**, their checkboxes appear in the same section.

If it still does not show

- **Field shows but never validates:** check the console for script errors and try **Add script dependency**.
- **Field hidden for some customers: Show field for selected countries only** or **Show field for selected user roles only** (Pro), or **Show/hide by billing company**, may be limiting it.
- **Need it working today:** switch the checkout page back to the classic `[woocommerce_checkout]` shortcode, where the field is always supported.

- Collect the console errors and contact support with your theme name and WordPress and WooCommerce versions.

FAQ

Is block checkout support free?

Yes. **Checkout block field** and **Add script dependency** are in the free version.

Why is the field in Contact information?

The plugin registers it as a block checkout field in the contact location.

Does validation work the same in the block checkout?

Yes, the same Validation sub-tab settings apply once the block field is enabled.

Setup guide: Enable the VAT Field in Block-Based Checkout. Also see EU VAT Validation Always Fails.



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Related articles

- How to Add and Validate a VAT Number Field in WooCommerce Checkout
- VAT Number Field Options for WooCommerce Checkout

- Restrict the VAT Field and Payment Methods (Pro)
- Make the VAT Field Required Only for Businesses
- Add the EU VAT Field to the Registration Form