

Installation Guide

TForce Universal Shipping for Magento 2.x — Extmag_TForceShipping

2026-05-22

- 1 Requirements
- 2 Composer install
- 3 OAuth2 token endpoint
- 4 Hyva Theme and Hyva Checkout integration
 - 4.1 Template files
- 5 Print clients
- 6 Verification
- 7 Upgrade flow
- 8 Disabling without uninstalling
- 9 Uninstall
- 10 Troubleshooting install-time issues
 - 10.1 Class "Extmag\\TForceShipping\\..." does not exist after enable
 - 10.2 Module 'Extmag_TForceShipping' depends on a disabled module 'Extmag_Shiplab'
 - 10.3 Rates never appear at checkout
 - 10.4 Token endpoint errors after a TForce rotation



logo

1 Requirements

- Magento 2.4.x (Open Source or Adobe Commerce).
- PHP \geq 8.1.
- Composer 2.x.
- `extmag/shiplab` 4.6.8 (pulled by Composer).
- A TForce Freight account with **Client ID**, **Client Secret** and a **Shipper Number** issued by TForce. Apply at forcefreight.com or via your local TForce office.
- Outbound HTTPS access from the Magento server to the TForce API and to Microsoft Entra ID (`login.microsoftonline.com`) — the OAuth2 token endpoint sits behind Microsoft Entra.

2 Composer install

```
composer require extmag/tforcshipping
bin/magento module:enable Extmag_TForceShipping
bin/magento setup:upgrade
bin/magento setup:di:compile
bin/magento cache:flush
```

`Extmag_TForceShipping` declares a sequence on `Extmag_Shiplab` , so the base Shiplab framework loads first. If you have not installed Shiplab before, Composer pulls it in automatically.

3 OAuth2 token endpoint

The module ships sane defaults under `shiplab_carriers/tforce/token_endpoint` and `shiplab_carriers/tforce/scopes`. Do **not** edit them unless TForce support tells you to rotate the production endpoint. They live under `Stores → Configuration → Shipping Methods → TForce Freight` (developer group) and are read on every `Rate / Ship / Track` call.

4 Hyva Theme and Hyva Checkout integration

For integration with Hyva Theme and Hyva Checkout an additional module is required:

```
composer require extmag/shiplab-hyva
composer require magewirephp/magewire
bin/magento setup:upgrade
bin/magento setup:di:compile
bin/magento cache:flush
```

4.1 Template files

The files listed below replace the default Hyva theme files. If you use these files in your own theme, merge your changes manually:

```
vendor/extmag/shiplab-hyva-magento2/view/frontend/templates/
  checkout/shipping/method-list.phtml
```

5 Print clients

Label printing is delegated to one of two external print clients:

Client	URL	Notes
el-Print	https://extmag.com/el-print.html (Recommended)	Direct WebSocket from browser, or server-to-PC proxy with auto-print.
QZ Tray	https://qz.io/	Standard QZ Tray. Requires the QZ Tray daemon on the workstation.

Both clients are wired into `Stores → Configuration → Extmag → Printers`. See the *User Guide* for the per-document-type setup.

6 Verification

```
bin/magento module:status Extmag_TForceShipping
```

Expect *Module is enabled*. Then check the admin menu — *Extmag* → *Shipping Settings* → *Shipper Accounts* must render even before any account is configured.

To smoke-test the OAuth flow, save a Shipper Account with valid TForce credentials and request a rate from any cart with a US / CA delivery address. The first request acquires a fresh access token; failures surface in `var/log/shiplab.log`.

7 Upgrade flow

```
composer update extmag/tforcesshipping
bin/magento setup:upgrade
bin/magento setup:di:compile
bin/magento cache:flush
```

Minor / patch versions ship declarative schema migrations only — no data loss. Pin `extmag/shiplab` if you want to lock the base framework version.

8 Disabling without uninstalling

- `shiplab_carriers/tforce/enabled = 0` — disables every TForce shipping method in the storefront. Existing labels and tracking history stay in place.
- `bin/magento module:disable Extmag_TForceShipping` — disables the module entirely. Shiplab keeps running with the other carriers (UPS, DHL, FedEx) still active.

9 Uninstall

```
bin/magento module:disable Extmag_TForceShipping
bin/magento setup:upgrade
composer remove extmag/tforcshipping
```

Tables and config rows owned by Shiplab are **not** dropped — they back the other carriers. To wipe TForce-specific config rows only:

```
DELETE FROM core_config_data WHERE path LIKE 'shiplab_carriers/tforce/%';
DELETE FROM core_config_data WHERE path LIKE 'carriers/tforce%';
```

10 Troubleshooting install-time issues

10.1 Class "Extmag\\TForceShipping\\..." does not exist after enable

Run `setup:di:compile` again, then `cache:flush`. The carrier model is wired through DI and the compiled snapshot has to exist before the plugin chain resolves.

10.2 Module 'Extmag_TForceShipping' depends on a disabled module 'Extmag_Shiplab'

Enable Shiplab first:

```
bin/magento module:enable Extmag_Shiplab Extmag_TForceShipping
bin/magento setup:upgrade
```

10.3 Rates never appear at checkout

- Confirm `shiplab_carriers/tforce/enabled = 1` for the website.
- Confirm a Shipper Account is selected under *Extmag* → *Settings* → *TForce Configuration* → *General* → *Account*.
- Confirm a Ship From Address is selected on the same tab.
- Check `var/log/shiplab.log` for a 401 / 403 — bad Client ID / Secret / Shipper Number.

10.4 Token endpoint errors after a TForce rotation

If TForce rotates the Microsoft Entra tenant, override

`shiplab_carriers/tforce/token_endpoint` and `shiplab_carriers/tforce/scopes` in

Stores → Configuration → Shipping Methods → TForce Freight . Restore the defaults from Extmag/TForceShipping/etc/config.xml if you need to roll back.