

# MAPTUNER X

Performance under control.



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## Yamaha Sidewinder Quick Start Guide

### Parts Required

- **VTECHTUNED Maptuner X [01-MTX-VTECH]**  
Hand-held unit with full color and touch screen display makes it easy to load performance tunes into your vehicle.
- **Micro USB Cable [01-MT015]**  
For connection from Maptuner X to computer system.
- **Maptuner X Yamaha Sidewinder Cable**  
Programming cable for Yamaha vehicles.  
Connect Maptuner X directly to vehicles OBD communication port.
- **VTECHTUNED Tuning License**  
Purchase 1x Tuning License for each BRP vehicle that you want to tune.  
This license gives you complete access to tuning library.  
Switch between performance tunes and then back to stock if you wish.  
NOTE! There are two different license types,  
Spark License – For natural aspirated vehicles. **[01-MT.LIC]**  
Standard License – For supercharged vehicles. **[01-MT.LIC.2]**

# Step 1

Download and install latest MyMaptuner PC Program.

<https://maptuner.se/download/Default.aspx>



**Map Tun**  
performance

**DOWNLOAD CENTER**

**MYMAPTUNER SOFTWARE**

Windows **32 bit** Operating System

**File:** MyMaptuner\_32bit\_2.3.79\_Setup.exe  
**Version:** 2.3.79  
**Date:** 2017-08-02  
**Size:** 29.8 Mb

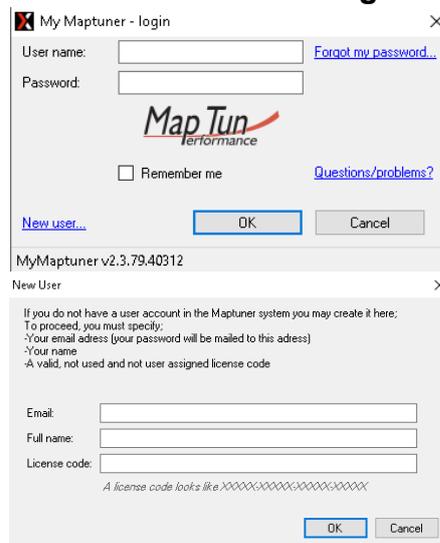
**DOWNLOAD** [Help me choose 32bit or 64bit](#)

For MaptunerX and Maptuner 1 devices.  
Enables download and installation of new tunes and system diagnostics.

# Step 2

If you have purchased complete tuning bundle from Maptun Powersports web shop, you will find your login details in email that has been sent out to you.

If not, you need to create a new account using the link “ New user..”



My Maptuner - login

User name:  [Forgot my password...](#)

Password:

**Map Tun**  
performance

Remember me [Questions/problems?](#)

[New user...](#)

MyMaptuner v2.3.79.40312

New User

If you do not have a user account in the Maptuner system you may create it here;  
To proceed, you must specify:  
-Your email address (your password will be mailed to this address)  
-Your name  
-A valid, not used and not user assigned license code

Email:

Full name:

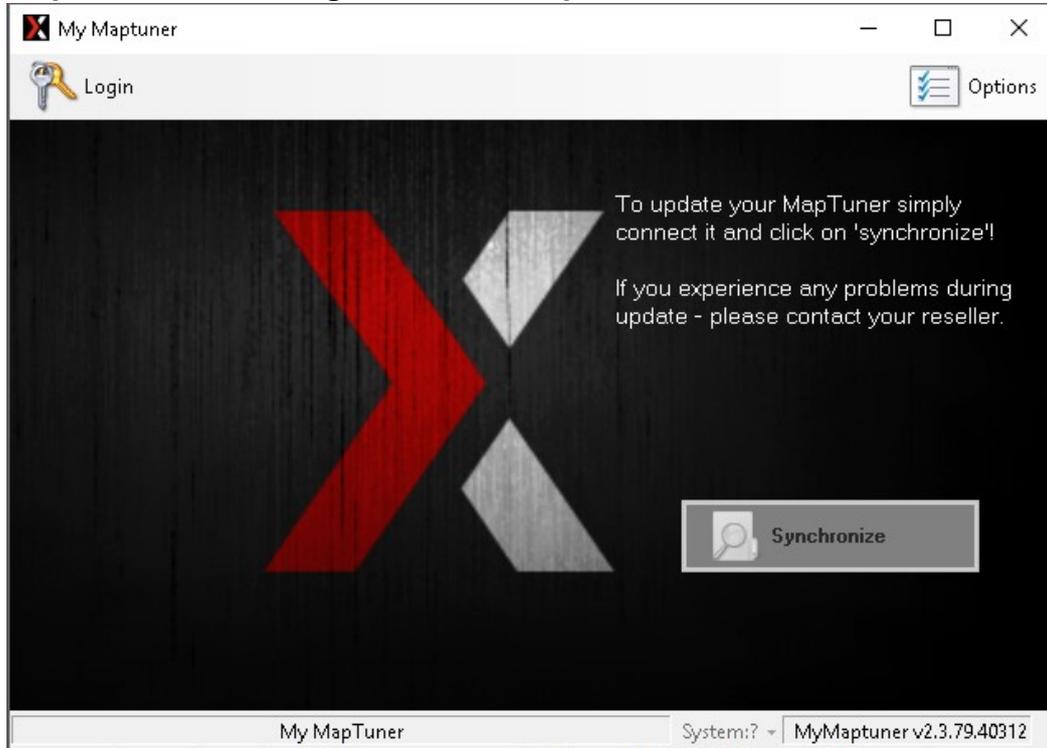
License code:

*A license code looks like XXXXX-XXXX-XXXX-XXXX-XXXX*

Your login details will be emailed to you upon completion of the form.

## Step 3

Plug Maptuner X in to your computer and click on “Synchronize” button. Maptuner X will now go online and update to the latest firmware.



Unplug Maptuner X from computer

## Step 4

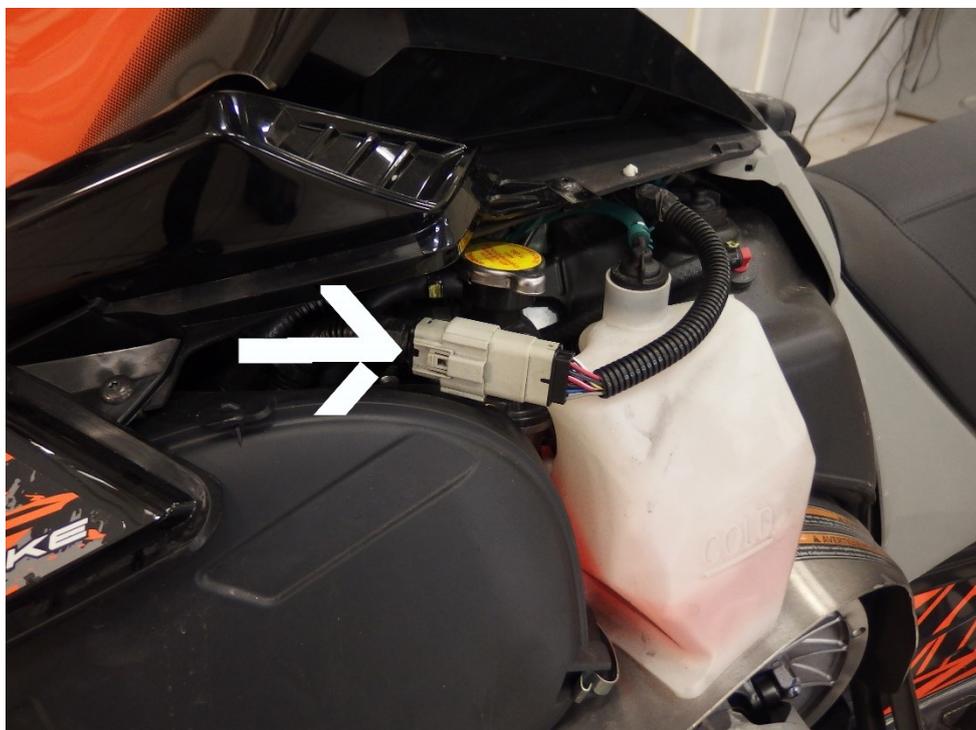
Remove both side of engine area.



## Step 5

Remove the screws on both side and disconnect the cable from cluster.

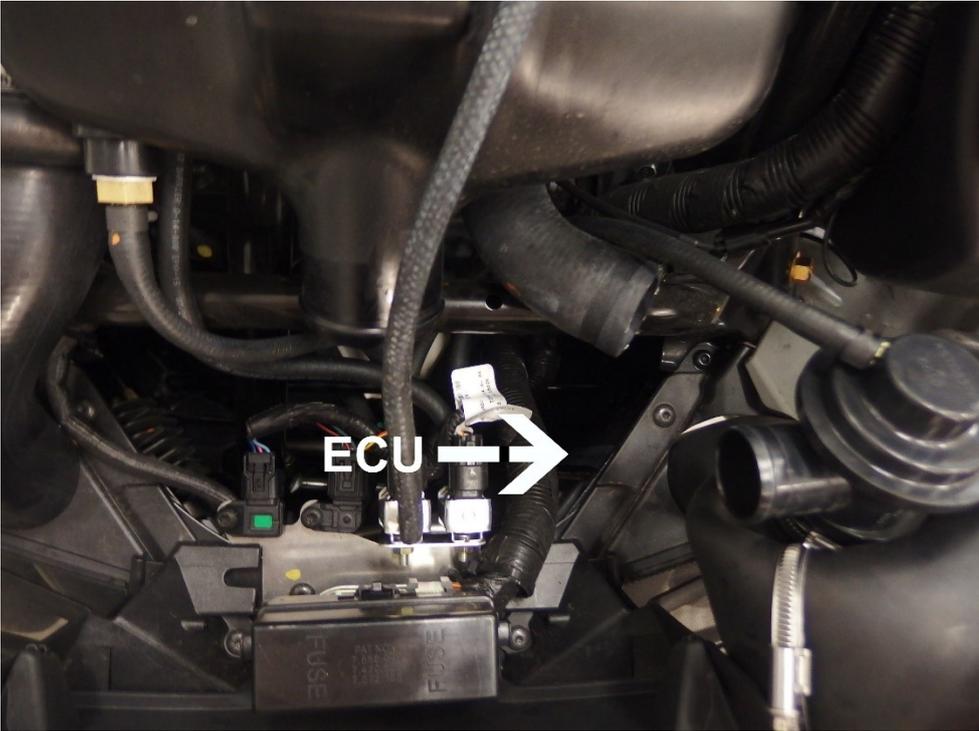
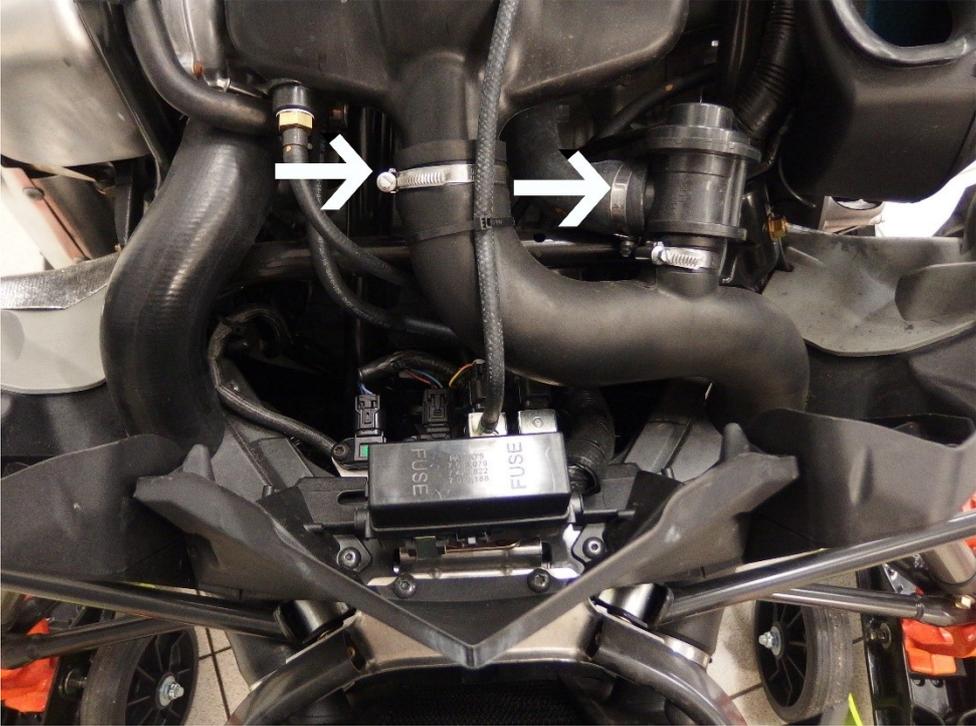
Remove the hood by pulling it forward.



# Step 6

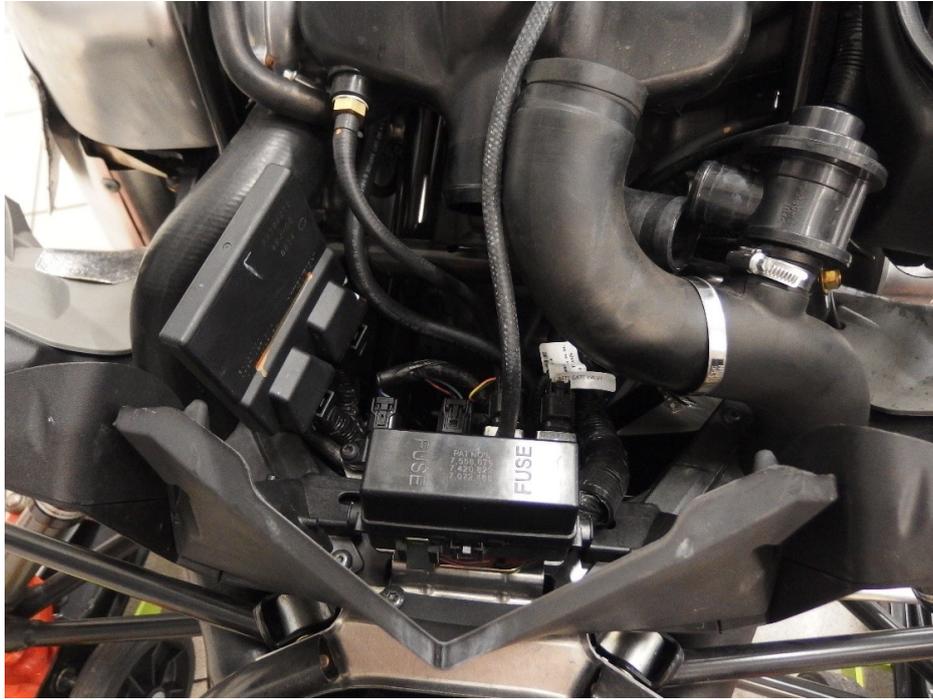
Remove hose clamp for blow off valve and intake. Keep hose away so you can reach ECU.

Remove rubber strap that is holding ECU.



## Step 7

Pull up ECU on left side of fuse box and disconnect all connectors.



## Step 8

Remove seat by removing screw on the back of seat to access battery area.



## Step 9

Connect Maptuner X with Yamaha Sidewinder Cable to ECU and battery.



## Step 6

Now press Add Vehicle



Your vehicle will now be identified and stored on the Maptuner X in APP “My

Vehicles”

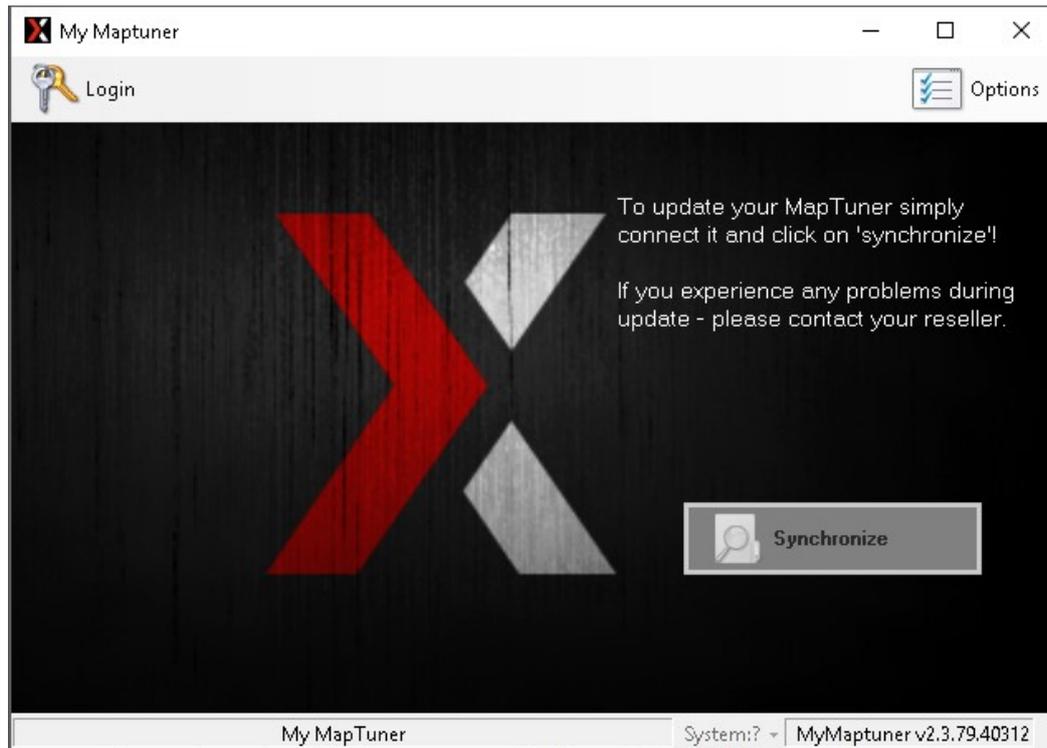


After vehicle is loaded, disconnect Maptuner X from vehicle.

## Step 7

Plug Maptuner X in to your computer using the USB- cable and click the synchronize button.

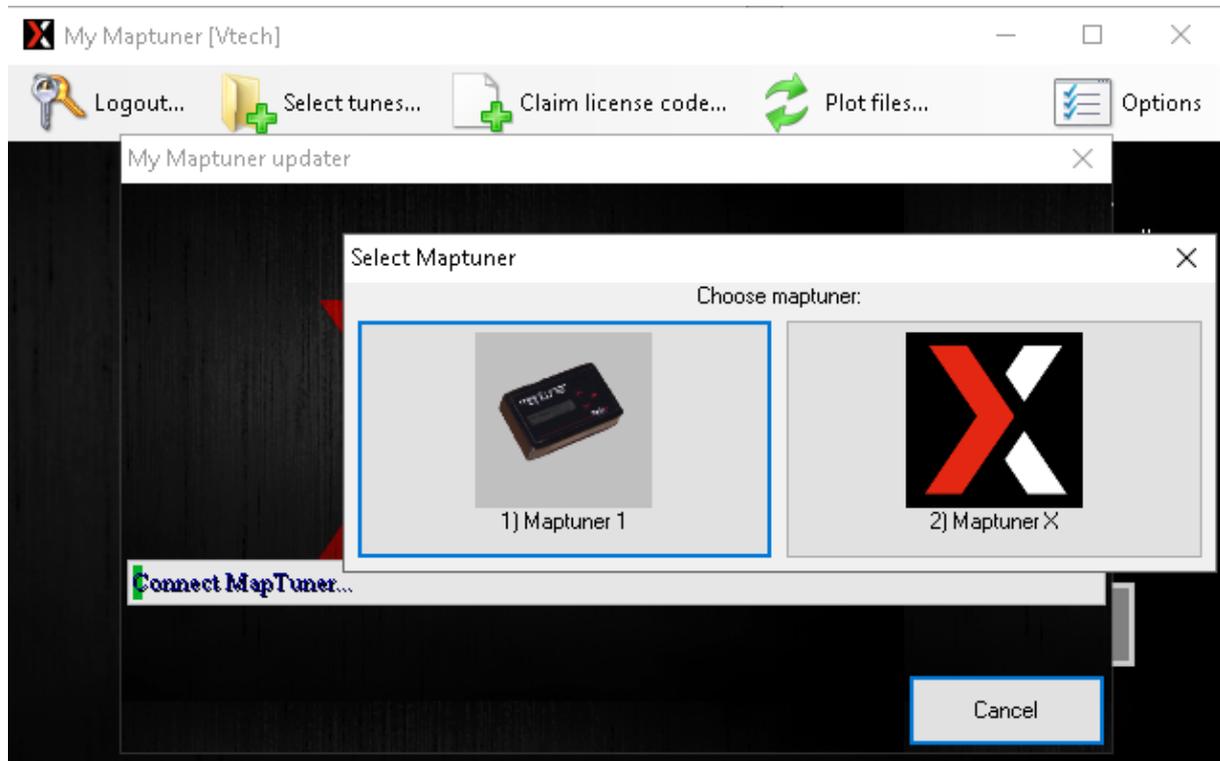
Maptuner X will now go online and update firmware.



## Step 9

You will now need to choose your device, select Maptuner X.

Your screen should look like this:



## Step 10

Now you will be able to select tunes from our tuning library.

If you are a first-time user your license code will be stored and ready for use as soon as you select any software.

Once you have tunes selected you need to synchronize again for download.

Tuning license can be bought from -

<https://www.maptunpowersports.com/licenses>

## Step 11

Disconnect Maptuner X from computer.

## Step 12

Press My Vehicles  to confirm that your vehicle VIN is active.

## Step 13

Press the programming APP  on Maptuner X display.

## Step 14

Select the tune you want to flash to the ECU and press “Next”.

Make sure you have all necessary parts for the tune.

### **IMPORTANT!**

Installing the wrong tune for your hardware setup may lead to poor performance and/or engine damage.

Maptun Powersports VTECHTUNED is not responsible for any substitution in parts or other modification that lead to poor performance or engine damage.

## Step 15

Once flashing is finished, disconnect Maptuner X from vehicle and reconnect all original ECU and battery connectors. Replace electrical box cover and test start engine.

**The tuning process is now complete!**

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Thank you for choosing us as your tuning supplier.



For sales and support questions, please contact:

[info@maptun.com](mailto:info@maptun.com)

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