

Using Tunerpro RT...

1. Download Tunerpro Rt from Tunerpro.net...

The screenshot shows the TunerPro website with two main sections. On the left, there are links for downloading TunerPro and TunerPro RT. On the right, there is a section for TunerPro Plug-ins (for Version 5 and later) with a table listing various plug-ins.

Download TunerPro
Current Version: 5.00.7774 - [Download](#) (2.10 MB)
Release Date: 10/5/11
Registration: \$0 USD (Free!) - [Donate](#)

Download TunerPro RT
Current Version: 5.00.7774 - [Download](#) (2.71 MB)
Release Date: 10/5/11
Registration: \$39 USD Donation - [Register](#)

Legacy (Version 4) builds are available [here](#)

Plug-ins
Plug-ins for TunerPro RT can be downloaded [here](#)

Version History

TunerPro Plug-ins (for Version 5 and later)

To install these plug-ins, download them and unzip them to your <documents>\tunerpro files\plugins\ directory, then restart TunerPro. Do not place them in the TunerPro program files directory.

To verify that they've been properly installed, go to help->plug-ins for a list of active plug-ins. Once installed, you may enable and configure (if applicable) the plug-in via preferences.

Plug-in Name	Download	Author	Application
Fenix Datastream Parser	FenixPlugIn.zip	Mark Mansur (TunerPro)	Data acquisition plug-in for Fenix ECUs (Renault, etc). Must use matching definitions (included in download). Hardware interfaces for these ECUs can be purchased here (French).
OBDII Datastream Parser for ELM327-Based Interfaces	ELM327PlugIn.zip	Mark Mansur (TunerPro)	Data acquisition plug-in for communicating with ELM327-based OBDII devices purchased
Buell Reader/Writer	BuellIOPlugIn.zip	Mark Mansur (TunerPro)	Emulation plug-in for reading and writing data to/from Buell ECUs. Should work with all Buell motorcycles. Please do provide feedback and, as always, use at your own risk.

Get the plugin while there to read and write to the ECM.

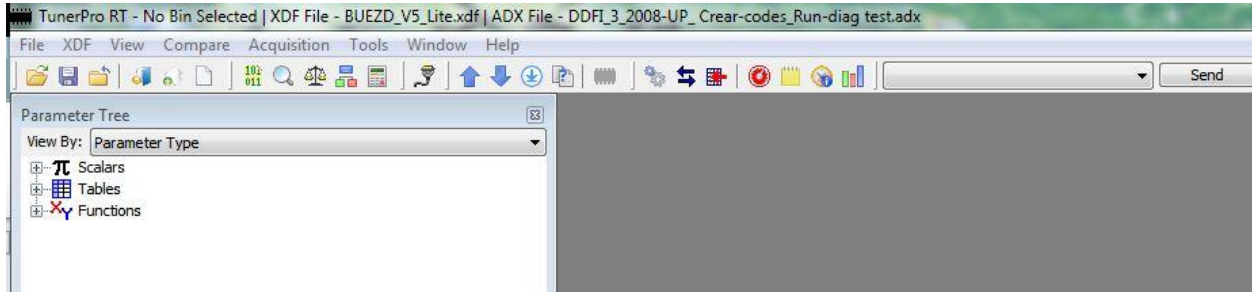
2. Install Tunerpro Rt, unzip the plugin and place it in the created Tunerpro folder in your documents - plugin file...

The screenshot shows a Windows file explorer window with the path Libraries > Documents > TunerPro Files. The left sidebar shows Favorites, Desktop, Downloads, Recent Places, Desktop, Libraries, Documents, Music, Pictures, and Videos. The main pane shows a folder structure with Bin Definitions, Bins, Buell tunerpro stuff, DataStreams, Ducati files, Layouts, Plugins, TPCustomKeys.dat, TPEmuPlugin.dat, TPSPMSettings.dat, and TunerProSettings.dat. A second window shows the Plugins folder with files BuellIOPlugin.dll, BuellIOPlugin, msvcpr100.dll, msvcr100.dll, and a selected Readme file. The Readme file is open in Notepad, displaying the following text:

```
To install plug-ins, Unzip the plug-in .DLL to this directory/Folder and restart TunerPro.
```

3. Set up Tunerpro for first use...

- A. Open Tunerpro and click tools (have your cable driver installed in addition, have it plugged in.



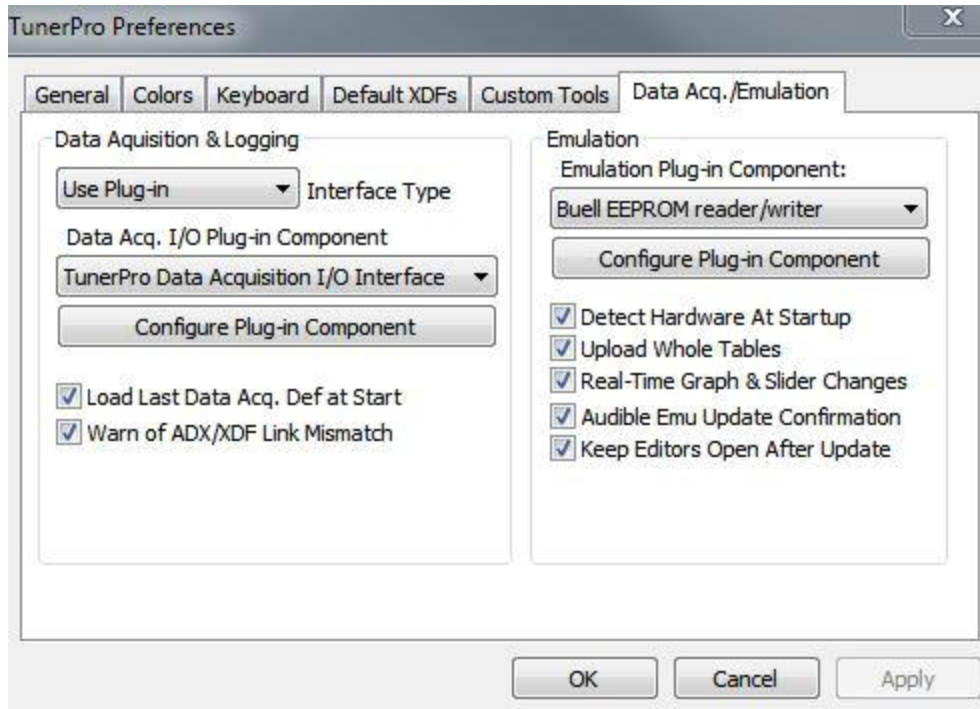
- B. Select Tools, click preferences, you get a popup box with two sides in it.

1. Data Acquisition,

- a. select use plug in on the top selection
- b. select Tunerpro Data Acqu I/O
- c. click configure Plug-in Component (use your device manager to find the comport the cable is on. Also, note each USB port will have a different port number, therefore, use the same port always to link or change the port number to match each use.

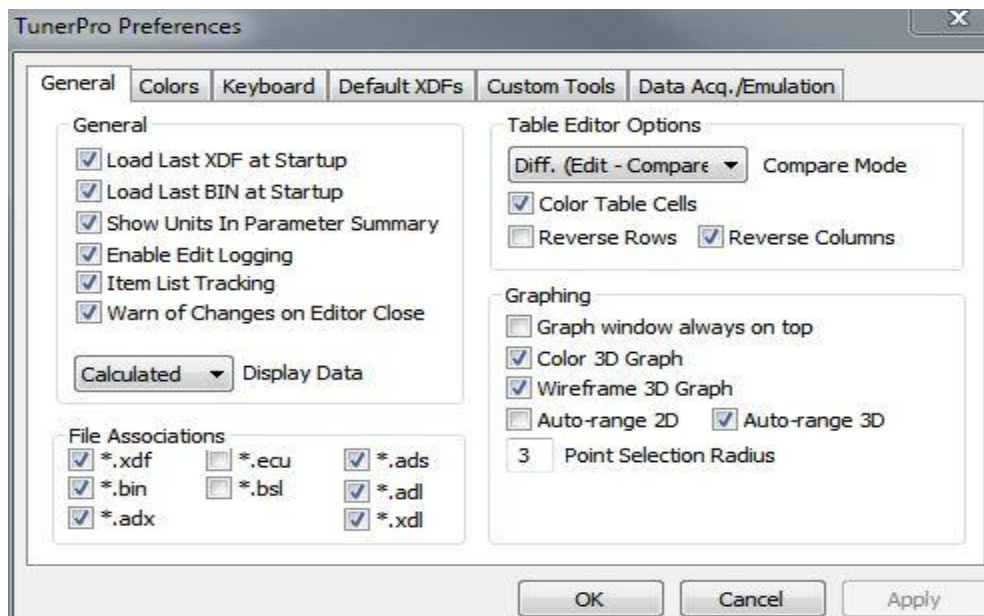
2. Emulation,

- a. select Emulation Plug-in Component and switch it to Buell EEprom reader/writer



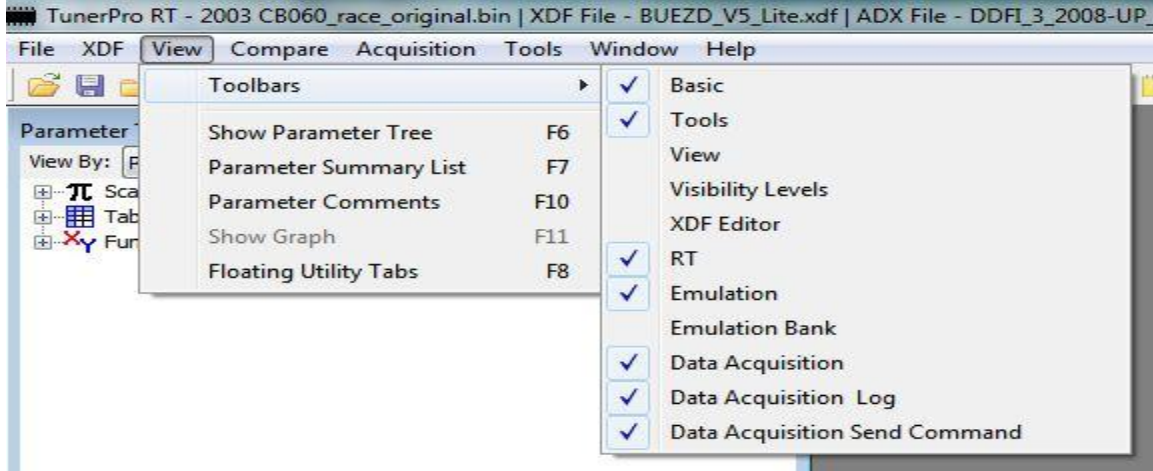
C. Click The general tab, you have four selection spaces.

1. top left all boxes checked.
2. Bottom Left select: XDF, ADX, BIN
3. Top right select Diff. (edit- Compare), color table cells and Reverse Columns



D. Click Apply, Click OK

4. Click View on your Toolbar, then click tools and select, Basic, Tools, RT, Emulation, all three data Acquisition items.

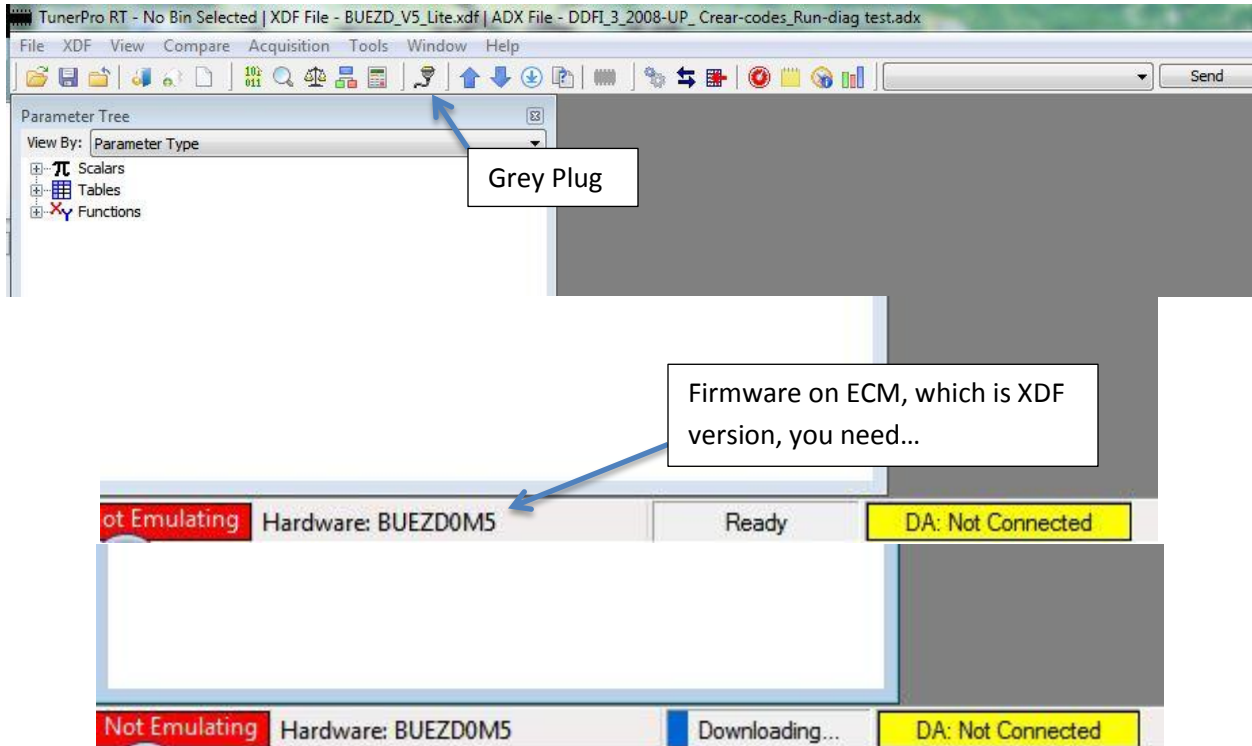


5. Connect to bike and Turn on Key and run Switch.

A. If it did not auto connect, select the Grey Cable looking Item on the toolbar on the top.

B. it will beep when connected (If speakers are on)

C. You will see Initializing in the lower left of the screen and your firmware will show up.



6. Use this value to go to Xoptinside.com to get your ADX and XDF_Lite as well as the links there to go to the ECMSpy.com site to get those versions.

[AN ADX is required to datalog and see live data reset tps and clear codes.](#)

XDF Lite Versions Are Hosted Native On Xoptinside Only...

Tunerpro RT Xdf_lite Files Full set zip file.

- B3R1D_LITE Pending
- B2R1B_LITE Pending
- BUE3D_LITE Pending
- [BUE2D_LITE](#)
- BUE1D_LITE Pending
- [BUEZD_LITE](#)
- [BUEYD_LITE](#)
- BUEOD_LITE Pending
- BUEWD_LITE Pending
- [BUECB_LITE](#)
- BUEIB_LITE Pending
- [BUEGB_LITE](#)
- BUEGC_LITE Pending
- BUEIC_LITE Pending
- BUEKA_LITE Pending
- BUEJA_LITE Pending

DDFI 1 1998-2002

DDFI1 ADX File date July 25 2010 **pending** Now Clearing codes and doing TPS rest as well as Diag

DDFI 2 2003-2007

DDFI2 ADX File date **May 30 2012** Now Clearing codes and doing TPS rest as well as Diag

DDFI 3 2008 - UP

DDFI3 ADX File date **June 1 2012** Now Clearing codes as well as Diag test

ADX files are also on the ECMSPY website, however, they do not contain history or dashboards. Use these to model from to add that to those.

7. Once downloaded all four versions. Please relocate the XDF and ADX into the documents folder (Tunerpro folder and paste into Bin Definitions)

8. Open Tunerpro if not open select XDF on the tool bar.

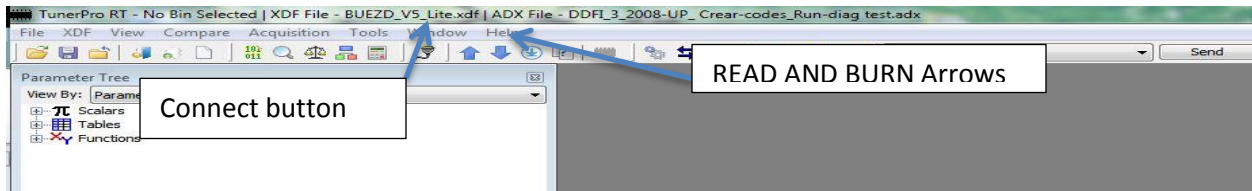
The screenshot shows the TunerPro RT software interface. The 'XDF' menu is open, showing options like 'Select XDF...', 'Save XDF', 'New XDF', and 'Import'. A blue arrow points to 'Select XDF...' with a callout box that says 'Load XDF Here'. The 'Acquisition' menu is also open, showing options like 'Load Definition File...', 'Import Definition...', and 'New Definition...'. A blue arrow points to 'Load Definition File...' with a callout box that says 'Load ADX Here'. The software title bar indicates the current file is 'XDF File - BUEZD_V5_Lite.xdf' and the acquisition file is 'ADX File - DDFI_3_2008-UP_Crear-codes_Run-diaq test.adx'.

A. Select XDF (either the lite or full version) and go to documents /Tunerpro/bin definitions and select the XDF. Each time Tunerpro is open it will auto load this file from this point.

B. Select Acquisition, click load definition file and go to documents /Tunerpro/bin definitions, select either mine with TPS, Codes and diag or ECMspys.

9. Once connected on the read/write side. you will have blue arrows up and down appear on the tool bar.

Connect

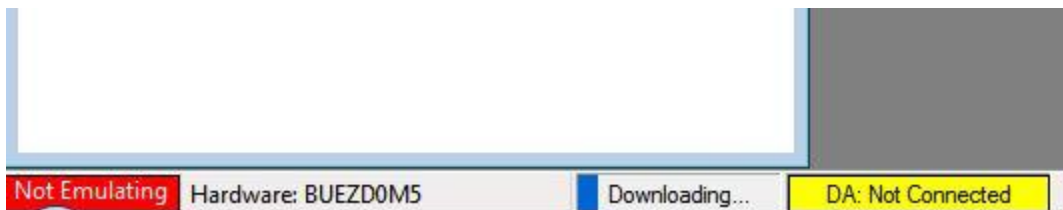


A. up uploads to ECM and down downloads to Tunerpro RT

1. select the down arrow and it will read the ECM.

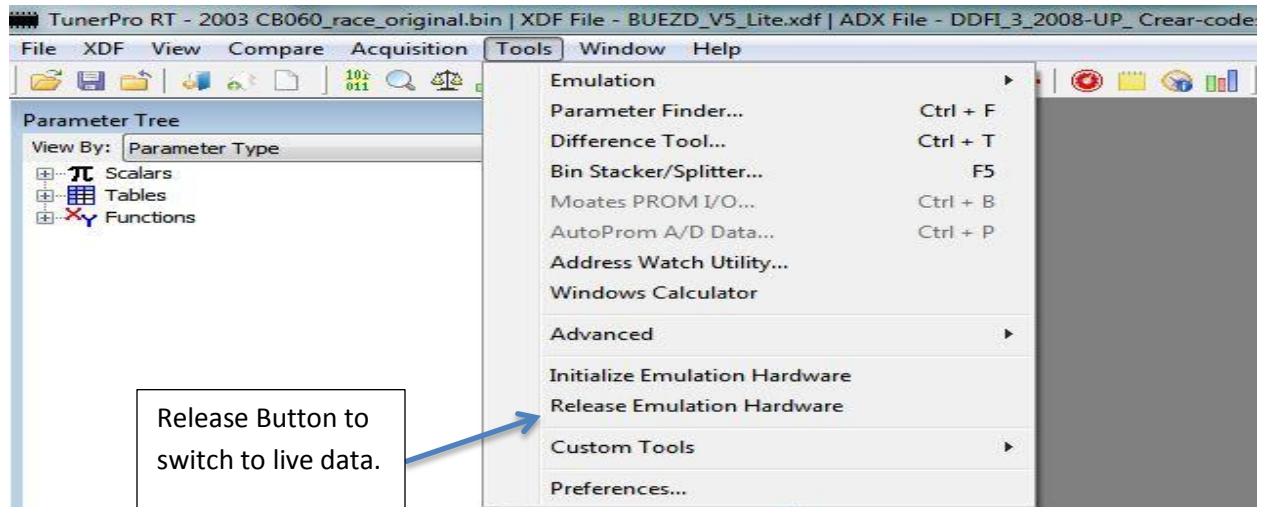
a. Click file once downloaded on the top left on the toolbar. use Save bin as and name this file as anyone_stock.bin then do it once again saving as the ECM name you chose

my stock ECM_1.bin. adding a _1 to each new saved version will help in the future.

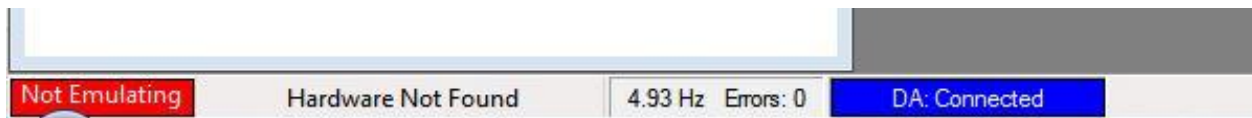


10. To use the live data and tps/clear codes/ diag side/

A. Click tools, then click release emulation... It will state, "Hardware not found"...



11. with your adx Loaded. now click the two blue arrows right and left facing. it will connect and the yellow box showing connected will appear in blue.



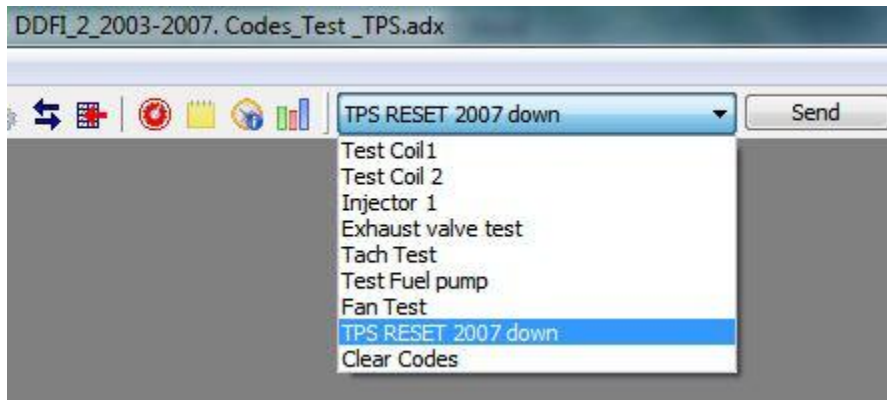
- A. To data log, select Acquisition on toolbar, scroll down and select record.
- B. To stop select Acquisition on toolbar, scroll down and select stop and a popup box will appear. Name your file for a one-time use.
- C. To play it back, select Acquisition on toolbar, scroll down and select play and move through to the items you want to see or setup... data dash, List Items, history and data monitors on the toolbar top center...
- D. These are fully adjustable in edit adx under Acquisition to match your ECM and needs.

12. To return to the read write just select the two arrows to disconnect and select the grey plug.

- A. To make changes open desired item click on cells and type in new value or paste it in then click the save cd on that box in the top left. Note: this saves it to the file in Tunerpro not in the ECM or in the documents...
- B. once all changes are made and saved to the file in the program, click files the save as and name it with your chose name and the _#...
- C. now you upload the new file to the bike with the upload arrow. A popup box will appear with the loaded firmware name. Please, make 100% it matches your actual ECM. If not you have to revert to one that does match and start over.

Notes.

2007 down bikes use the tps reset feature.



1. Back out tps knob fully and flip throttle so it is 100% closed.

2. go to live data side with my ADX and connect. on the tool bar select the drop down and select reset TPS.

click send... done

3. Go to dash view on my adx and turn in knob until you start the bike and it idles at 1000 rpm.

a. take bike out and ride it until warm (15 to 20 minutes) then adjust tps rpm to 1000/975 rpm.

Do not worry about the degree as the manual had to use a value for EPA/ISO reasons this is now set to the true value to match your bike.

Tps reset is throttle controlled on 2008 up...

