

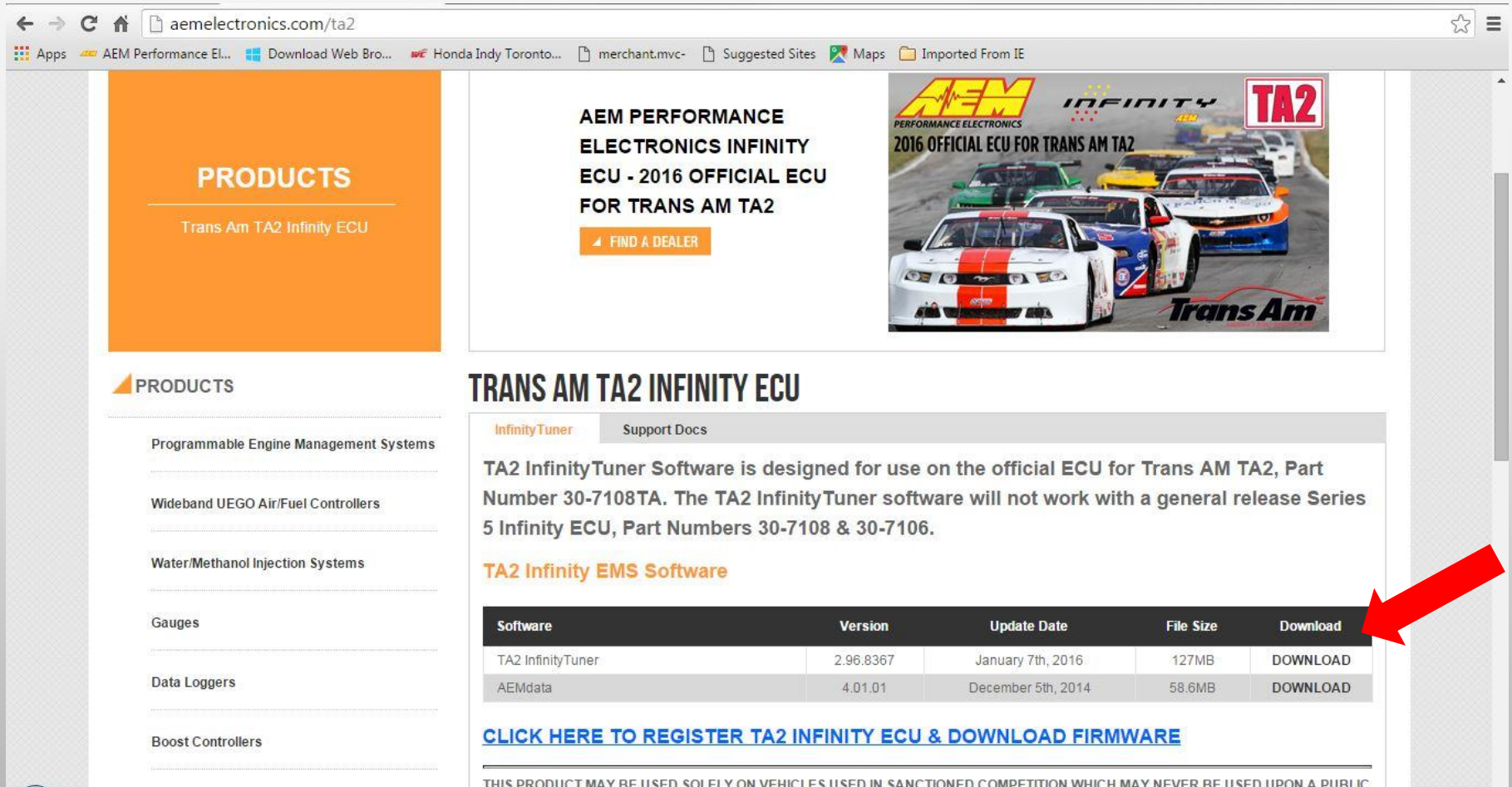
TA2 Firmware installation

The process to install firmware into your AEM Infinity TA2 ECU will take 4 steps.

1. Download and install Infinity Tuner TA2 version
2. Create a user account on Aeminfinity.com
3. Register your Serial number under your account
4. Download and install firmware into your ECU

Software Download –Infinity Tuner TA2

- Current version of the TA2 specific software is available for download from AEM’s TA2 website: www.aemelectronics.com/TA2



PRODUCTS
Trans Am TA2 Infinity ECU

AEM PERFORMANCE ELECTRONICS INFINITY ECU - 2016 OFFICIAL ECU FOR TRANS AM TA2
[FIND A DEALER](#)

TRANS AM TA2 INFINITY ECU

InfinityTuner | Support Docs

TA2 InfinityTuner Software is designed for use on the official ECU for Trans AM TA2, Part Number 30-7108TA. The TA2 InfinityTuner software will not work with a general release Series 5 Infinity ECU, Part Numbers 30-7108 & 30-7106.

TA2 Infinity EMS Software

Software	Version	Update Date	File Size	Download
TA2 InfinityTuner	2.96.8367	January 7th, 2016	127MB	DOWNLOAD
AEMdata	4.01.01	December 5th, 2014	58.6MB	DOWNLOAD

[CLICK HERE TO REGISTER TA2 INFINITY ECU & DOWNLOAD FIRMWARE](#)

THIS PRODUCT MAY BE USED SOLELY ON VEHICLES USED IN SANCTIONED COMPETITION WHICH MAY NEVER BE USED UPON A PUBLIC

TA2 Firmware Download

After you install Infinity Tuner, head to www.aeminfinity.com to create an account to download the firmware for the ECU.



Infinity TA2 Product Registration -Create Account at www.aeminfinity.com



Create a New Account

Use the form below to create a new account.
Passwords are required to be a minimum of 6 characters in length.

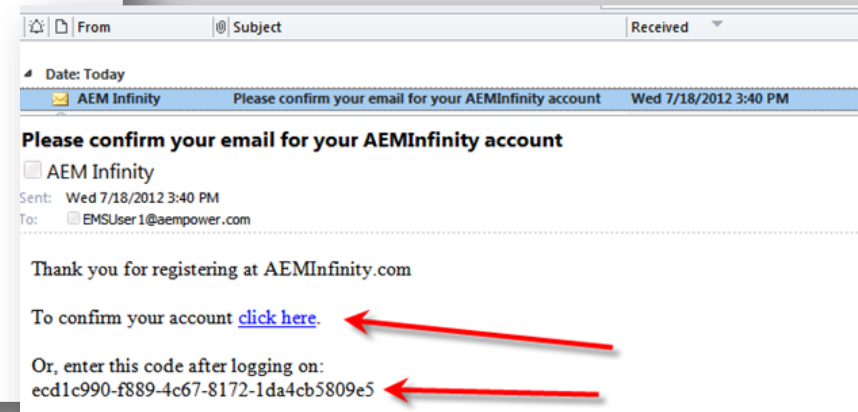
Account Information

Email address
User1@aempower.com

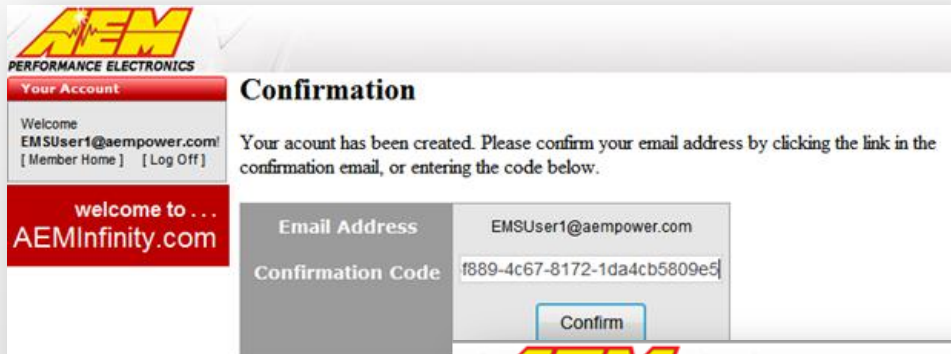
Password
●●●●●●

Confirm password
●●●●●●

Are you an AEM Tuner?
 Yes, I am an AEM Tuner



Infinity TA2 Product Registration



AEM
PERFORMANCE ELECTRONICS

Your Account

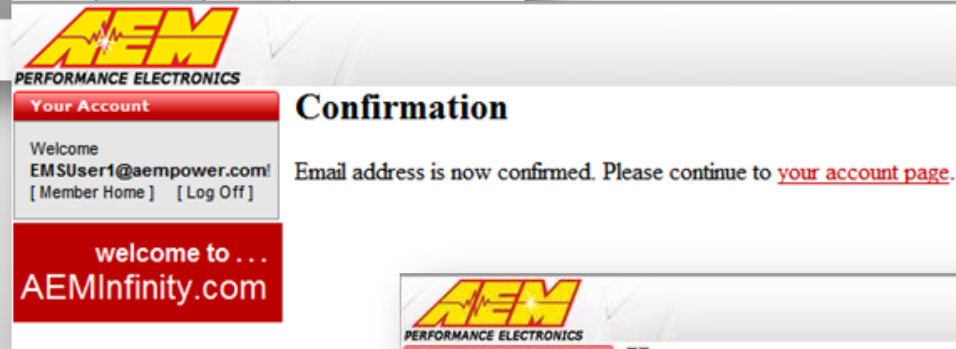
Welcome
EMUser1@aempower.com!
[Member Home] [Log Off]

welcome to ...
AEMInfinity.com

Confirmation

Your account has been created. Please confirm your email address by clicking the link in the confirmation email, or entering the code below.

Email Address	EMUser1@aempower.com
Confirmation Code	f889-4c67-8172-1da4cb5809e5



AEM
PERFORMANCE ELECTRONICS

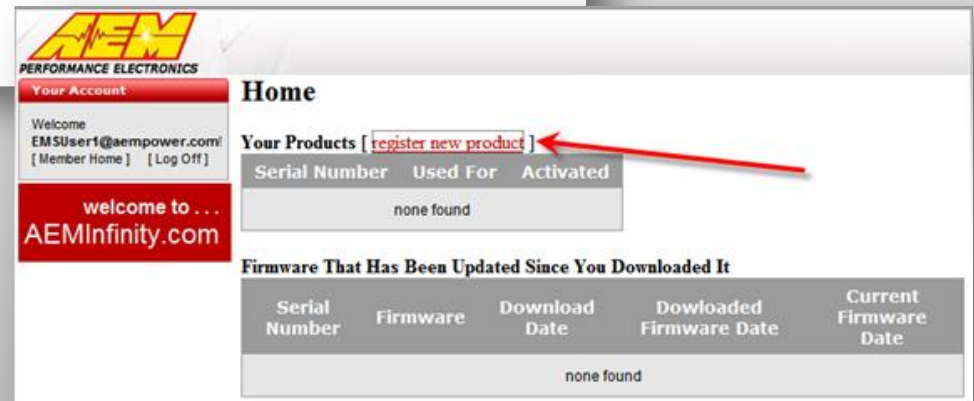
Your Account

Welcome
EMUser1@aempower.com!
[Member Home] [Log Off]

welcome to ...
AEMInfinity.com

Confirmation

Email address is now confirmed. Please continue to [your account page](#).



AEM
PERFORMANCE ELECTRONICS

Your Account

Welcome
EMUser1@aempower.com!
[Member Home] [Log Off]

welcome to ...
AEMInfinity.com

Home

Your Products [register new product](#)

Serial Number	Used For	Activated
none found		

Firmware That Has Been Updated Since You Downloaded It

Serial Number	Firmware	Download Date	Downloaded Firmware Date	Current Firmware Date
none found				

Infinity TA2 Product Registration



AEM
PERFORMANCE ELECTRONICS

Your Account

Welcome
EMUser1@aempower.com!
[Member Home] [Log Off]

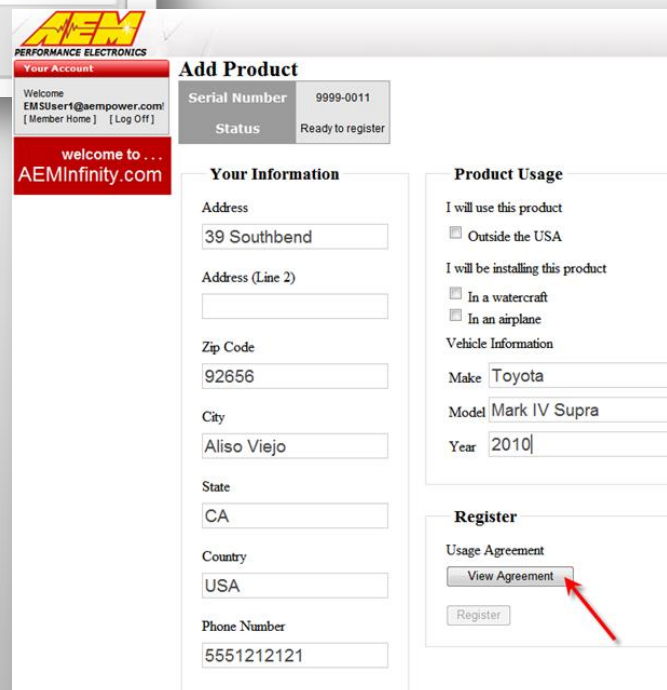
welcome to ...
AEMInfinity.com

Product Registration

Register

Serial Number
9999-0011

Register



AEM
PERFORMANCE ELECTRONICS

Your Account

Welcome
EMUser1@aempower.com!
[Member Home] [Log Off]

welcome to ...
AEMInfinity.com

Add Product

Serial Number 9999-0011

Status Ready to register

Your Information

Address
39 Southbend

Address (Line 2)

Zip Code
92656

City
Aliso Viejo

State
CA

Country
USA

Phone Number
5551212121

Product Usage

I will use this product
 Outside the USA

I will be installing this product
 In a watercraft
 In an airplane

Vehicle Information

Make Toyota

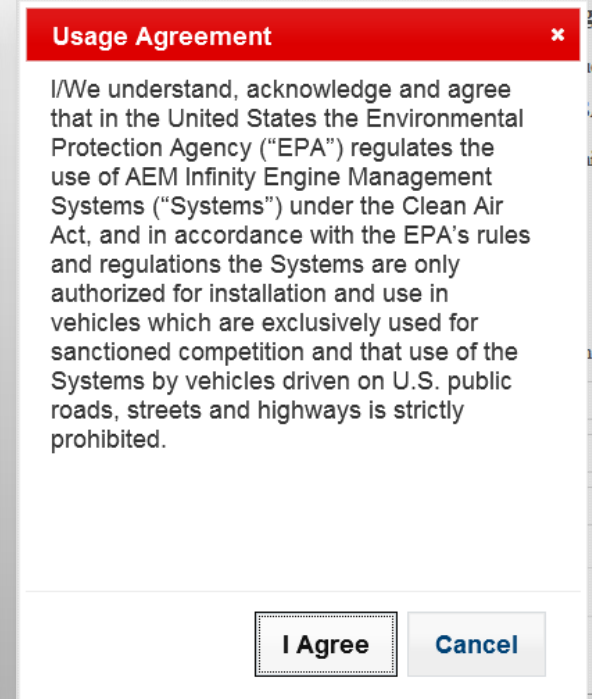
Model Mark IV Supra

Year 2010

Register

Usage Agreement
[View Agreement](#)

Register



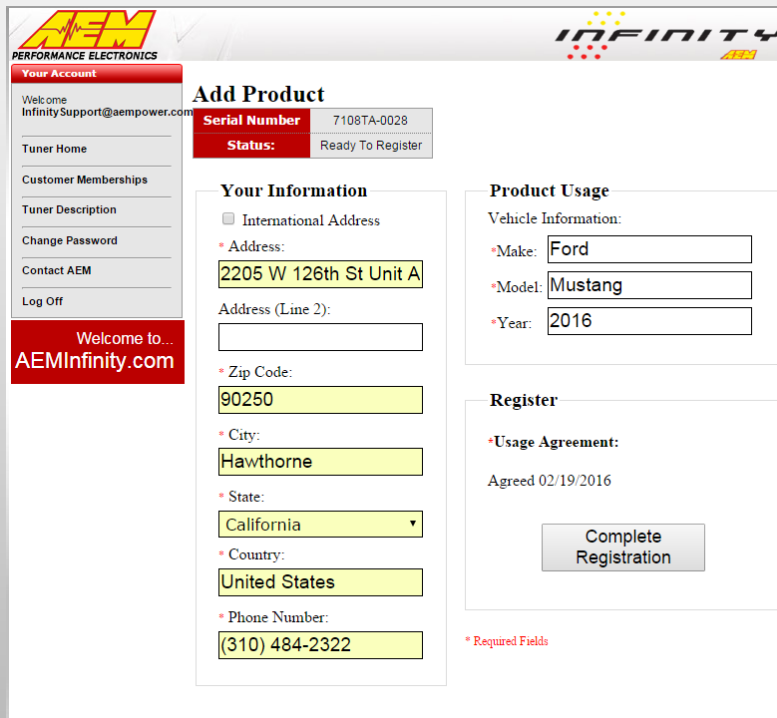
Usage Agreement x

I/We understand, acknowledge and agree that in the United States the Environmental Protection Agency ("EPA") regulates the use of AEM Infinity Engine Management Systems ("Systems") under the Clean Air Act, and in accordance with the EPA's rules and regulations the Systems are only authorized for installation and use in vehicles which are exclusively used for sanctioned competition and that use of the Systems by vehicles driven on U.S. public roads, streets and highways is strictly prohibited.

[I Agree](#) [Cancel](#)

Infinity TA2 Product Registration

Infinity TA2 ECUs are shipped without firmware installed. Firmware can be downloaded once the ECU is registered.



PERFORMANCE ELECTRONICS **INFINITY**

Your Account

Welcome
InfinitySupport@aempower.com

Tuner Home

Customer Memberships

Tuner Description

Change Password

Contact AEM

Log Off

Welcome to...
AEMInfinity.com

Add Product

Serial Number 7108TA-0028
Status: Ready To Register

Your Information

International Address

* Address: 2205 W 126th St Unit A
Address (Line 2):
* Zip Code: 90250
* City: Hawthorne
* State: California
* Country: United States
* Phone Number: (310) 484-2322

Product Usage

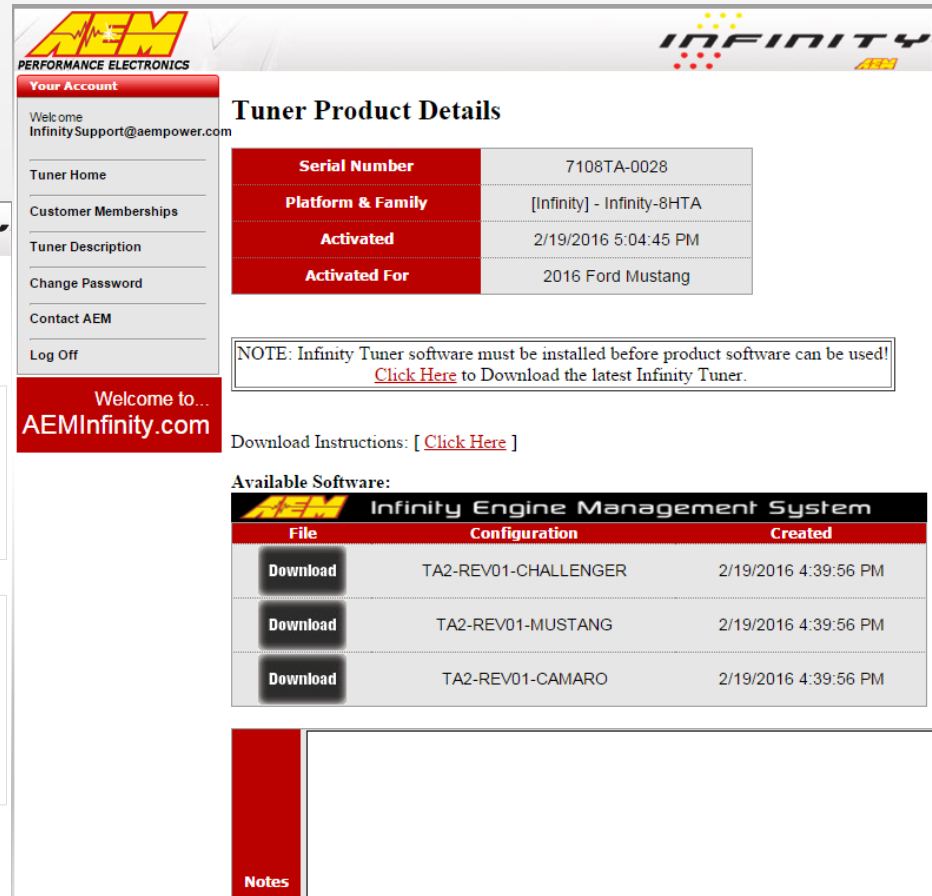
Vehicle Information:

* Make: Ford
* Model: Mustang
* Year: 2016

Register

* Usage Agreement:
Agreed 02/19/2016

* Required Fields



PERFORMANCE ELECTRONICS **INFINITY**

Your Account

Welcome
InfinitySupport@aempower.com

Tuner Home

Customer Memberships

Tuner Description

Change Password

Contact AEM

Log Off

Welcome to...
AEMInfinity.com

Tuner Product Details

Serial Number	7108TA-0028
Platform & Family	[Infinity] - Infinity-8HTA
Activated	2/19/2016 5:04:45 PM
Activated For	2016 Ford Mustang

NOTE: Infinity Tuner software must be installed before product software can be used!
[Click Here](#) to Download the latest Infinity Tuner.

Download Instructions: [[Click Here](#)]

Available Software:

File	Configuration	Created
<input type="button" value="Download"/>	TA2-REV01-CHALLENGER	2/19/2016 4:39:56 PM
<input type="button" value="Download"/>	TA2-REV01-MUSTANG	2/19/2016 4:39:56 PM
<input type="button" value="Download"/>	TA2-REV01-CAMARO	2/19/2016 4:39:56 PM

Notes

Infinity TA2 Firmware Download

Download only the firmware for your engine type.

Camaro

Mustang

Challenger

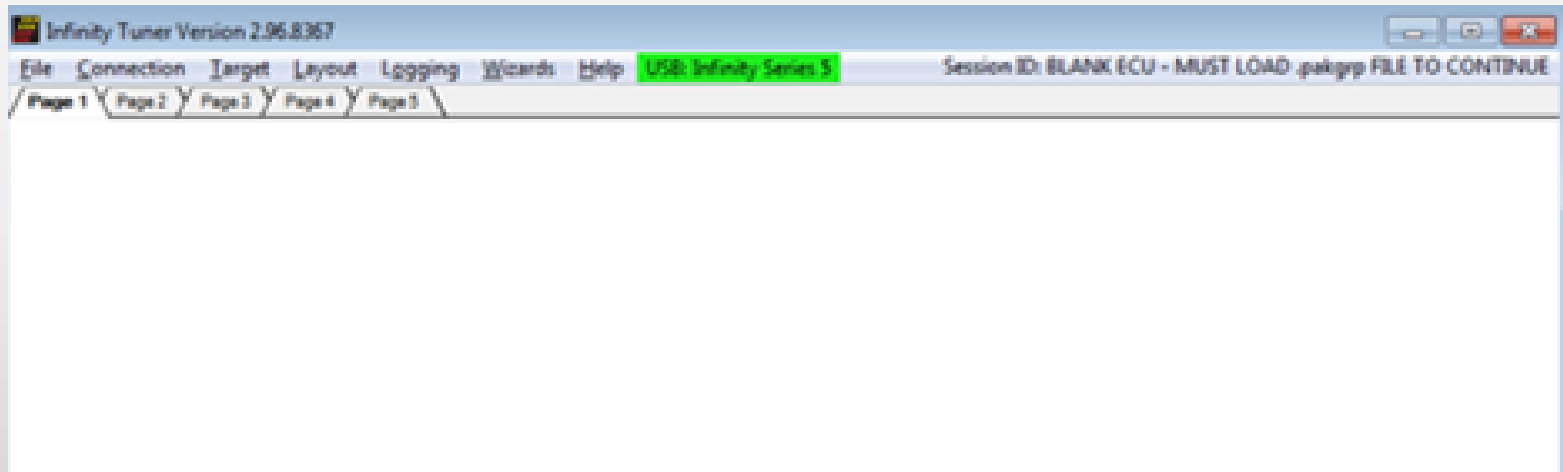
Your TA2 spec calibration/map is automatically loaded with firmware.

TA2 Firmware installation

- Connect the USB cable to the laptop and the small port on the ECU
- Turn on Master power on the car
- Turn on ignition power
- Launch Infinity Tuner software (as Administrator) right click on the Tuner icon and select Run as Administrator.

TA2 Firmware installation

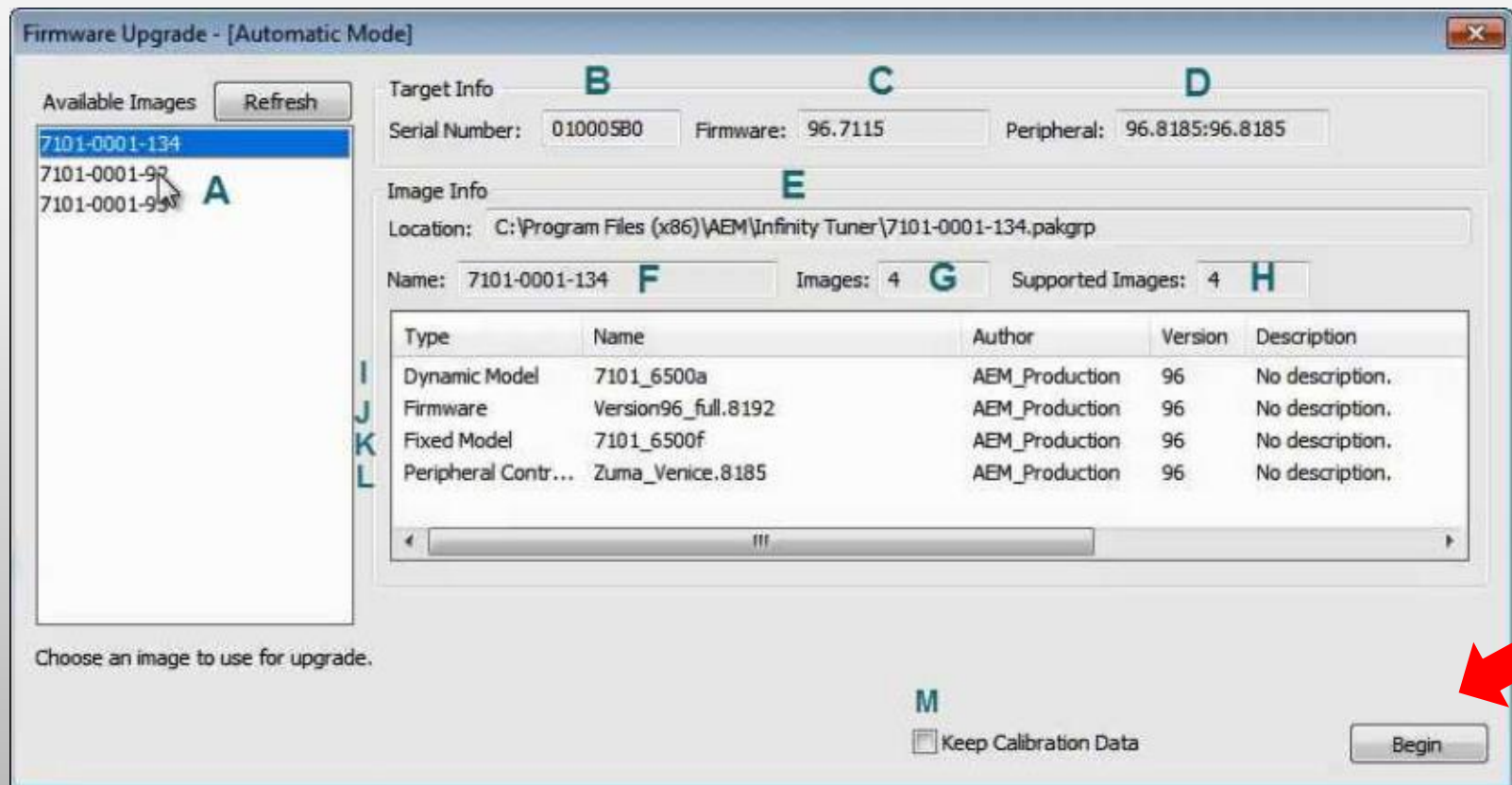
When you connect to the TA2 Infinity ECU for the first time, the screen will be blank. “MUST LOAD pakgrp FILE TO CONTINUE” will be in the upper right.



Next, click “Target” and choose Upgrade Firmware

Infinity TA2 Product Registration

This is the Firmware Upgrade Dialog Box. Your firmware number will be shown on the left. Just click “Begin”



Firmware Upgrade - [Automatic Mode]

Available Images

- 7101-0001-134 **A**
- 7101-0001-97
- 7101-0001-95

Choose an image to use for upgrade.

Target Info

Serial Number: 010005B0 Firmware: 96.7115 Peripheral: 96.8185:96.8185

Image Info

Location: C:\Program Files (x86)\AEM\Infinity Tuner\7101-0001-134.pakgrp

Name: 7101-0001-134 Images: 4 Supported Images: 4

Type	Name	Author	Version	Description
Dynamic Model	7101_6500a	AEM_Production	96	No description.
Firmware	Version96_full.8192	AEM_Production	96	No description.
Fixed Model	7101_6500f	AEM_Production	96	No description.
Peripheral Contr...	Zuma_Venice.8185	AEM_Production	96	No description.

Keep Calibration Data

TA2 Firmware installation

Click the “Begin” button. This will start a progress bar which will update with various tasks. At one point it will ask for ignition power to be switched off. Please comply and switch only ignition power off. At other point it may ask to remove battery power.

Switch off ignition and remove the main ECU connector for 2 seconds and then reconnect and switch on ignition. Once this is complete, the system will power up and the ECU will have the Camaro, Mustang or Challenger map loaded and ready to start.

TA2 Firmware installation

Go to Layout and choose Open Layout

Next, select TA2_508.itlyt

This will open the software to view and edit the engine maps.

Your engine is now ready to start.