

# OVTUNE TOYOTA FLASH TUNE KIT INSTRUCTIONS

## TACOMA 4.0L (YEAR 2005 – 2015) TUNDRA COROLLA LEXUS

These instructions will cover the entire setup process for our flashing kit with our dongle-less setup.

\*Note - If you own a kit with the DONGLES (USB STICK, purple, or mini black) These instructions are not for your kit.

LAST UPDATED 6/2019

## **STEP 1** TRUCK FLASHING LICENSE

#### **Download the software & Drivers**

P5Flash SOFTWARE LINK:

https://cdn.shopify.com/s/files/1/0885/5830/files/p5flash.exe?6863261005404743

TACTRIX DRIVERS LINK:

https://www.tactrix.com/downloads/openport2\_setup\_1024791.exe

YOUR SOFTWARE WILL NEED TO BE REGISTERED TO YOU.

**IMPORTANT:** NOTE THIS SOFTWARE CAN ONLY BE REGISTERED ONE TIME TO ONE COMPUTER (NO EXPIRATION ON USE). ENSURE THAT THE COMPUTER YOU REGISTER YOUR

LICENSE ON IS RELIABLE AND EASILY & LONG TERM ACCESSIBLE.

WINDOWS XP, VIRTUAL WINDOWS / MAC VM NOT SUPPORTED.

YOUR SYSTEM ID CODE ON THE TOYFLASH AS SHOWN EXAMPLE

nterface:	J2534: Tactrix	Inc OpenPort 2	.0 J2534 ISO/CAN/\	PW/PWM	•
Identify	Flash It!	Read DTC	Clear DTC		
System ID: 8W	/30N16CRP97V4G	GUQ1			 1

### EMAIL US YOUR SYSTEM CODE BY SIMPLY COPY & PASTE THE TEXT

#### EMAIL TO : support@ovtune.zendesk.com

IN YOUR EMAIL PLEASE INCLUDE:

YOUR NAME: ex **JOHN DOE** 

YOUR ORDER NUMBER: ex 9999

YOUR SYSTEM ID/CODE: ex 8W30N16CRP97V4GUQ1 (Shown in the picture)

YOUR TRUCK DETAILS: ex 2017 Tacoma TRD auto 2x4

THIS STEP IS NECESSARY FOR REGISTRY FILE. ONCE WE RECEIVE THE INFORMATION ABOVE, IT WILL TAKE US 1-3 BUSINESS DAYS (EXCLUDING WEEKENDS, HOLIDAYS) TO PROCESS THE REGISTRY FILE.

## STEP 2

- 1. CHECK YOUR EMAIL FOR THE REGISTRY FILE. IT WILL BE DIRECTLY REPLIED TO YOUR EMAIL WITH SYSTEM ID/CODE DETAILS.
- 2. ONCE YOU RECEIVED & DOWNLOADED THE REGISTRY FILE, DOUBLE CLICK THIS FILE AND SELECT TO **ADD TO REGISTRY**



### **Double click**

Registr	y Editor
A	Adding information can unintentionally change or delete values and cause components to stop working correctly. If you do not trust the source of this information in C:\Users\OVTUNE\Downloads\LICENSE.reg, do not add it to the registry. Are you sure you want to continue?
	Yes No
	Select YES

AFTER THAT, REGISTRATION IS COMPLETED! ALL DONE!

## **STEP 3** IDENTIFYING YOUR ECU

### 1. CONNECTING TO YOUR TRUCK:

ENSURE YOUR **TRUCK IS ON**, **ENGINE OFF** (NOT ACCESSORY MODE). IF YOU HAVE THE PUSH BUTTON START, PRESS IT 2 TIMES. MAKE SURE YOUR RADIO VOLUME IS LOW AND YOUR HEAD LIGHTS ARE OFF (ANY BATTERY DRAINS).

THEN, CONNECT YOUR OBDII CABLE TO THE TRUCKS OBD, AND PLUG THE DONGLE IN AND RUN P5FLASH (TOYFLASH)



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## 2. CHECK YOUR ECU ID

# (MAKE SURE TRUCK IS ON, ENGINE OFF, IF YOU HAVE PUSH START PRESS 2 TIMES)

TRUCK MUST BE IN **PARK**, HEADLIGHTS OFF, OTHER BATTERY DRAINS **OFF** THEN, CLICK <u>'IDENTIFY BUTTON'</u>

rface:	J2534: Tactrix I	ínc OpenPort 2.	0 J2534 ISO/CAN/V	PW/PWM	
Identify	Flash It!	Read DTC	Clear DTC		
			0 <sup>2</sup>		

### ONCE THE SOFTWARE IDENTIFIES YOUR TRUCK, CHECK YOUR ECU VERSION (FOR EXAMPLE, 89663-04B03 / PICTURE BELOW)

Calibration:	896630480300
Calibration file:	89663-04803
Part Number:	89661-04K53
Completed	
and the second states of the s	
Interface: Tactrix I	nc OpenPort 2.0 J2534 ISO/CAN/VPW/PWM
DLL: 1.02.4791 Jur	1 2 2016 12:43:17
Firmware: 1.17.48	77
Protocol: Toyota: 7	76F0199 GearBox P5-CAN-bus
Identification	
Calibration:	896650401300
Calibration file:	89665-04013
Completed	

### EMAIL US YOUR OUTPUT INFO BY SIMPLY COPY & PASTE THE TEXT

#### EMAIL TO: support@ovtune.zendesk.com

IN YOUR EMAIL PLEASE INCLUDE:

YOUR NAME: ex JOHN DOE

YOUR ORDER NUMBER: ex 9999

YOUR SYSTEM ID/CODE: ex 8W30N16CRP97V4GUQ1

CALIBRATION: ex 8966304B0300 (Shown in the picture)

CALIBRATION FILE: ex 89663-04B03

PART NUMBER: ex 89661-04K53

AFTER YOU SEND US THE OUTPUT INFO INFORMATION, IT WILL TAKE 3-5 BUSINESS DAYS (EXCLUDING WEEKENDS, HOLIDAYS) TO PROCESS THE TUNE FILES.

## **STEP 4** READING AND FLASHING THE ECU

ONCE YOU HAVE DOWNLOADED THE TUNE FILE FOR YOUR TRUCK, YOU WILL NEED TO FLASH IT.

TO FLASH, RECONNECT TO YOUR TRUCK RUN P5FLASH (TOYFLASH), **TURN THE TRUCK ON THE SAME WAY YOU WOULD FOR IDENTIFICATION** 



### FLASHING YOUR TRUCK:

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FLASHING IS AS SIMPLE AS READING. RUN P5FLASH(TOYFLASH), CONNECT TO TRUCK, **TRUCK ON ENGINE OFF** 

CLICK THE BUTTON "FLASH IT!", THEN SELECT YOUR TUNE FILE(S)

	Select file for flashing
	← → ~ ↑ 📙 → This PC → Desktop → new instructio
	Organize 🔻 New folder
<ul> <li>ToyFlash [1.0.0]</li> <li>Interface: J2584: Tactrix Inc OpenPort : Identify Flash It! Read DTC</li> <li>System ID: 8</li> </ul>	<ul> <li>new instructions</li> <li>Novel ISF</li> <li>OneDrive</li> <li>This PC</li> <li>3D Objects</li> <li>4GUQ_04B02 1.04 91.p5f</li> </ul>
	<ul> <li>Documents</li> <li>Downloads</li> <li>Music</li> <li>Pictures</li> </ul>

FOLLOW THE PROMPTS AND ALLOW THE ECU TO FLASH.

FLASH THE ECU FILE FIRST, THEN LOAD THE TCU FILE AND FLASH THAT.

AFTERWARDS, START THE TRUCK AND CONFIRM IT STARTS. IF SO, FLASHING IS COMPLETED AND HAS COMPLETED SUCCESSFULLY!

\*NOTE, IF YOU GET UNSUCCESSFUL, MAKE SURE YOUR TRUCK IS FULLY ON. IF IT IS, CYCLE THE POWER. MAKE SURE THE ENGINE IS NOT RUNNING.

IF YOU ENCOUNTER AN ERROR MID-FLASH, SIMPLY TRY TO FLASH AGAIN.

ALL FINISHED.

## ERRORS

IF THE FLASH IS UNSUCCESSFUL, OR IT IS STOPPED MID WAY, OR IF YOU ACCIDENTLY BUMP THE CABLE, UNPLUG IT, ETC ANY OTHER REASONS.

### TURN THE TRUCK OFF.

TURN THE TRUCK ON, WITHOUT TRYING TO START IT

REPEAT THE WRITING PROCESS ABOVE. ALLOW IT TO FLASH SUCCESSFULLY.

IF YOU NEED ANY FURTHER ASSITANCE OR HAVE ANY QUESTIONS, PLEASE EMAIL US

EMAIL TO: <a href="mailto:support@ovtune.zendesk.com">support@ovtune.zendesk.com</a>

WE WILL TRY TO GET BACK TO YOU AS SOON AS POSSIBLE.