

JANNETTY RACING HPTUNERS GM ECM/TCM UNLOCK SERVICE INSTRUCTIONS

Thank you for purchasing your HPTuners GM ECM/TCM Module Unlock Service or new ECM/TCM. This document provides instructions for GM ECM/TCM Unlock Services or NEW ECM/TCM Purchases. Please make sure to check HPTuner's website to ensure if this process is necessary for your vehicle/module before continuing.

If you did not submit your vehicle's VIN (Vehicle Identification Number) at the time of order, your order will be delayed until we receive this.

Pre-Requisites:

HPTuners MPVI2/MPVI2+/MPVI3

A Laptop running WINDOWS 7 or HIGHER (8, 8.1, 10, or 11)

Access to your vehicle and a battery charger/tender

ECM UPGRADES ONLY: ACCESS TO A GM "SPS" TOOL

I.E. VXDiag, Mongoose Pro, etc. + GM ACDelco TDS Subscription for SPS using YOUR VIN.

SECTION 1 – MODULE REMOVAL AND SHIPPING

Disconnect the battery on your vehicle. Locate the module that you are performing the upgrade on and remove it from the vehicle. Package it carefully. Print your JRE Order Slip, and write your VIN on the sheet as well. Also, print the correct HPTuners Module Unlock Shipping Form, fill it out, and place it in the box as well. **CALL US BEFORE CREATING YOUR SHIPPING LABEL AND SEALING THE BOX, AS WE WILL PROVIDE YOU WITH AN HPTUNERS ORDER NUMBER TO USE AS WELL FOR IDENTIFICATION.**

GM T93 TCM: <https://files.hptuners.com/pub/gm-t93-tcm-services.pdf>

GM T87A TCM: <https://files.hptuners.com/pub/2023/09/GM-T87A-TCM-Services-Shipping-Form.pdf>

GM E90/E93 ECM: <https://files.hptuners.com/pub/e90-e93-ecm-services.pdf>

You will be shipping your module using the following information on the shipping label:

HP Tuners, LLC
ATT: (Your Module Name Here) TCM Service
[YOUR ORDER NUMBER]
700 Eastwood Ln
Buffalo Grove, IL 60089

SECTION 2 – MODULE INSTALLATION

After receiving your module from HPTuners, your next steps will be determined by whether or not the module that you received was originally from the vehicle, or if you purchased a new module outright.

A. FOR UPGRADED MODULES ORIGINALLY FROM YOUR VEHICLE

Please reinstall the module that you had upgraded back into the vehicle. You may now reconnect the battery.

B. TCM ONLY: FOR BRAND NEW UPGRADED TCM PURCHASED OUTRIGHT

Step 1: Download and install the latest VCM Suite BETA available at:
<https://www.hptuners.com/downloads/>

Step 2: Perform the “Replace TCM” special function in VCM Scanner 1) Connect VCM Scanner to the vehicle with the stock TCM installed.

- a. Go to “Vehicle Controls & Special Functions”.
- b. Click “Replace TCM” to start the function (located under System > General).
- c. Follow the prompts to complete the Replace TCM process for the stock TCM.

2) When prompted, replace the stock TCM with the HP Tuners unlocked one.

3) Connect VCM Scanner to the vehicle with the unlocked TCM installed.

- a. Go to “Vehicle Controls & Special Functions”.
- b. Click “Replace TCM” to start the function (located under System > General).
- c. Follow the prompts to complete the Replace TCM process for the unlocked TCM.

You may now read your newly unlocked control module. You will be provided with a STOCK FILE placeholder that you may send to us for tuning.

C. ECM ONLY: FOR BRAND NEW UPGRADED ECM PURCHASED OUTRIGHT

Step 1: Download and install the latest VCM Suite BETA available at:

<https://www.hptuners.com/downloads/> Step 2: Perform the "Replace ECM" special function in VCM Scanner 1) Connect VCM Scanner to the vehicle with the stock ECM installed

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- a. Go to "Vehicle Controls & Special Functions"
- b. Click "Replace ECM" to start the function (located under System -> General)
- c. Follow the prompts to complete the Replace ECM process for the stock ECM 2) When prompted, replace the stock ECM with the HP Tuners unlocked one

3) Connect VCM Scanner to the vehicle with the unlocked ECM installed

- a. Go to "Vehicle Controls & Special Functions"
- b. Click "Replace ECM" to start the function (located under System -> General)
- c. Follow the prompts to complete the Replace ECM process for the unlocked ECM

Step 3: Perform an Immobilizer Relearn (You will need a GM dealer tool or SPS subscription to perform this)

- 1) Connect the dealer tool to the vehicle and follow the prompts in the software
- 2) Click on "Immobilizer Learn"
- 3) Click "Engine Control Module IMMO Learn"
- 4) Follow the prompts to complete the relearn DC: 20191101v1.3

Step 4: Perform a Crank Relearn

- 1) Connect VCM Scanner to the vehicle and go to "Vehicle Controls & Special Functions"
- 2) Make sure the vehicle is at operating temperature, parking brake is set, wheels are chocked, A/C is off, and brake pedal is pressed
- 3) Click the "Crank Relearn" button (located under "Engine -> Special Functions")
- 4) When prompted, gradually rev the engine up to fuel cut and release the accelerator pedal

***You will need the stock ECM to perform the first half of the "Replace ECM" special function. If you already sent the stock ECM in as your core for the exchange program, please contact support requesting the information from your stock ECM.

If you have any questions regarding this process, please call us at 203-753-7223 8AM-5PM EST M-F for assistance.