

Ford Reprogramming User Guide

Version 3.0

June 2014

Foreword

This document describes DG Technologies VSI-2534, a SAE J2534 Pass-Thru device, with its primary purpose to program automotive ECUs (Electronic Control Units). It provides module programming for development, end-of-line testing and reprogramming. This document shows the general procedures for purchasing, installing and using the OEM programming application with the VSI-2534 Pass-Thru device. Because the procedures are generic in nature, this may not capture every screen or every scenario for each and every vehicle. For any screen, read the directions on the screen and proceed as indicated. Programming is vehicle specific and directions may vary. All documentation is subject to change at any time. Any and all OEM documentation should be read in its entirety along with the vehicle Service Manual prior to programming.

The VSI-2534 is also useful for vehicle diagnostics, development, general design, and hardware in-the-loop simulation and anywhere communications with a vehicle network are required.

Table of Contents

- Registration & Subscription (pg. 2-6)
- FMP Download & Installation (pg. 7-11)
- Ford Reprogramming Guide (pg. 12-22)

© 2006 - 2014 Dearborn Group, Inc. 33604 West Eight Mile Road Farmington Hills, MI 48335 Phone (248) 888-2000 • Fax (248) 888-9977



Registration & Subscription (pg. 2-6)

| ervice Information |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Everything you need to know about Ford, Lincoln and Mercury Vehicles • Keycode Lookup • Reprogramming & Initialization • Service Publications • Technical Training Already a Member? Log in here to purchase a subscription. Not a Member? Create a member account here in order to purchase a subscription. |
| Purchase Subscription Pricing Information |
| Huve a Discount Code? |
| |

 In Internet Explorer, go to <u>www.motorcraftservice.com</u> and click on "Reprogramming & Initialization".



Scroll down page and click on "Purchase".



Motorcraft

10

Sign Up Member Login

Technical Service Information

| lome | Module Reprogramming & Init | alization | |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Non-Subscription Resources What's New ody Repair Marcials Regrostic Tool Apport | Download software necessary to program elect level, perform module initialization (PATS), and Lincoln and Mercury vehicles. | tronic modules to t | |
| BDD Theory & Iperation Wher Guides | Note: An SAE 32534 pass-thru device is require subscription. | ed and <u>is pot-incl</u> u | ded with the |
| aper/CD Manuals El- | Term | s at Terma | |
| bols & Equipment | Short Term | 1.4 | |
| Sembership Accounts | | | |
| y Shopping Cart | Harr | 11-11-11-11-11-11-11-11-11-11-11-11-11- | |
| Warkaling Harval / Beince Information Bingle Vehicle/Bingle | Web Flash Product (using 32534 tool) | 1 | Add to Cart |
| Madal Vest Wattabar Manual / | (short term) | 26.95 | The second se |
| Service Information - H8 Vehicles All Model Vears | Stock + PCB-WESPLASH-V1-D | | Checkost > |
| Contraction of the Owner of the | | | |
| ectorical Transing | | | |
| My Subscriptions | | | |

• Select "Terms" and "# of Terms" in drop down menu's, then "Add to Cart".

| | The following will be added to your Shopping Cart | | |
|----|--------------------------------------------------------------------|--|--|
| | Item #: FCS-WEBFLASH-V1-D | | |
| | Description : Web Flash Product (using J2534 tool) (short term) | | |
| | Start Date: 6/2/2014 3:20:11 PM | | |
| | Expire Date: 6/5/2014 3:20:11 PM | | |
| | QTY: 1 | | |
| | Term: Short Term | | |
| OK | Unit Price: \$32.95 | | |
| | Total Price: \$32.95 | | |
| | OK Cancel | | |

• Review and click on "OK" if acceptable.



| tome Non-Satiscription | Module Reprogramming & Init | ialization | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------|----------|
| Resources What's New | Download software necessary to program elect | tronic modules to th | e latest calibration | |
| iody Repair Manuals Regnostic Tool Report | level, perform module initialization (PATS), and Lincoln and Mercury vehicles. | set Programmable I | arameters on Ford, | |
| PEDEI Theory & Iperation Swner Guides | Note: An SAE 32534 pass-thru device is require subscription. | ed and is not includ | ed with the | |
| aper/CD Manuals 🖂 | 1++= | satTerma | | Chec |
| ools & Equipment | Short Term + | 1 - | | 01100 |
| y Shopping Cart | User | | 5 | |
| Workshop Manual / Nexoce Information - longle Websche/Kingle Wallel Vear | Web Flash Product (using J2534 tool) (short term) | 26,95 | Add to Cart | |
| Watterbog Manual / Service Information - W8 Vetecles All Model Vesna | Stock + PCD-WESPLASH-V1-D | | Checkost > | |
| 🥌 Mot | orcraft | sideexaan Aletial. | ven Server FCXWS496 | l) |
| | out". | | | 1 |
| Cechnical S | out". Orcraft Service Information | | | |
| 🥌 Mot | orcraft | | | |
| Technical S | Service Information | 🔅 Sign (| | |
| Technical S Home Kon-Subscription Resources Whate New Body Repair Manuals Disposite Tool | Corceaft Service Information Shopping Cart Description : FCS-WEBRLASH-V1-0 Description : Web Rash Product (using 123 Start Date : 64/2/2014 3:20:11 PM | 🔅 Sign (| | |
| Mon-Subscription Rechnical S Non-Subscription Resources What's New Body Repar Manuals Diagnostic Tool Support Cecili Theory & | Shopping Cart Shopping Cart Rem # Start Date Start Start Date St | Sign (Sign (34 tool) (short term) | Jp Member Login | |
| Technical S Technical S Non-Subscription Resources What's New Body Repar Manuals Diagnostic Tool Support | Shopping Cart Term # FCS-WEBFLASH-V1-D Description Shopping Cart Term # FCS-WEBFLASH-V1-D Description Web Fash Product (using 123 Start Date : 0/2/2014 3:20:11 PM Expire Date : 0/2/2014 3:20:11 PM | 🔶 Sign (| | |
| Technical S Technical S Home Nor-subscription Resources What's New Body Aspair Manuals Diagnostic Tool Support Oebill Theory & Operation Owner Guides Paper/CM Menuals III- | Shopping Cart Shopping Cart Rem # Start Date Start Start Date St | Sign (Sign (34 tool) (short term) | Jp Member Login Ext. Price: \$32.95 | |
| Control and a control and | Shopping Cart Shopping Cart Rem # Start Date Start Start Date St | Sign (Sign (34 tool) (short term) | Jp Member Login | Ohardara |
| Home Resources What's New Body Repair Manuals Diagnostic Tool Support Operation Operation Operation Operation | Shopping Cart Shopping Cart Rem # Start Date Start Start Date St | Sign (Sign (34 tool) (short term) | Jp Member Login Ext. Price: \$32.05 Total: \$32.05 | |
| Constant of the second of | Shopping Cart Mem # FCS-WEBFLASH-V1-0 Description Start Date 60/2/2014 3:20:11 PM Unit Price 832.95 Qty 1 Update Deiete | Save for Later | Jp Member Login Ext. Price: \$32.05 Total: \$32.05 | |
| Kon-Subscription Resources Mod Super Kon-Subscription Resources Mod Super Su | Shopping Cart Shopping Cart Mem # FCS-WEBFLASH-V1-D Description : Web Hash Product (using J25 Start Date : 6/2/2014 3:20:11 PM Unit Price : 832.95 Qty : 1 Update Detee Discount Code: | Sale for Later Process | Jp Member Login Ext. Price: \$32.05 Total: \$32.95 | |
| Constant of the second se | Shopping Cart Mem # FCS-WEBFLASH-V1-0 Description Start Date 60/2/2014 3:20:11 PM Unit Price 832.95 Qty 1 Update Deiete | Save for Later Process | Jp Member Login Ext. Price: \$32.05 Total: \$32.95 | |
| Construction of the second sec | Shopping Cart Shopping Cart Mem # FCS-WEBFLASH-V1-D Description : Web Hash Product (using J25 Start Date : 6/2/2014 3:20:11 PM Unit Price : 832.95 Qty : 1 Update Detee Discount Code: | Sale for Later Process | Jp Member Login Ext. Price: \$32.05 Total: \$32.95 | |
| Conne Non-Subscription Resources Home Non-Subscription Resources Hoad's Naw Repart Manuals Report Repart Manuals Report Service Information when a Guides Service Information Watchey Nawath Service Information Matchey | Shopping Cart Shopping Cart Mem # FCS-WEBFLASH-V1-D Description : Web Hash Product (using J25 Start Date : 6/2/2014 3:20:11 PM Unit Price : 832.95 Qty : 1 Update Detee Discount Code: | Sale for Later Process | Jp Member Login Ext. Price: \$32.05 Total: \$32.95 | |

• Select desired "Term", (Short, Month, Year) and click on "Add to Cart".



| Home | Cancel Agree | I Agree |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Non-Subscription | | |
| Resources | DISCLAIMERS AND TERMS OF USE | |
| What's New | | |
| Body Repair Manuals | | |
| Diagnostic Tool Support | Please read this Disclaimers and Terms of Use page ("Terms and Condit | ions") carefully. By |
| OBDEI Theory & | using Motorcraftservice.com, including, without limitation, by purchasing made available for purchase from or through the utilization of this Site, y | |
| Operation | bound by the terms and conditions set forth or referred to in these Term | |
| Owner Guides | other pages of this Site. If you do not agree to be bound by such term | ns and conditions, do |
| Paper/CD Manuals E | not use this Site. The terms "you", "you" and "yours" as used herein re ("Users"). The terms "we," "us," and "our" refer to Motorcraftservice.com | |
| Quick Guides | (Users), the terms we, us, and our refer to Motorbrantservice.com Company. | and Ford Motor |
| Tools & Equipment | concom | |
| Membership Accounts | All the information on this Web site is protected by copyright: | |
| Wathship Manual / // | | |
| Service Information - | § 1994-2009 Ford Notor Company all rights reserved. | |
| Gingle Vehicle/Bingle Madel Vear | | |
| Wattebox Marcual / | Except as specifically permitted herein, no portion of the information on t | |
| Service Information - W8 Vehicles All Model Years | reproduced in any form or by any means without prior written permission Company. | n maim Ford Mator |
| Reproprieting 1 | concern. | |
| 108ialization | Table of Contents | |
| Technical Training | tant a souther | |
| My Subscriptions | User Elability | |
| | | |
| | Acceptable Lines & Limited License | |

• Read Disclaimers and Terms of User and Click "I Agree".

| Home | | |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Non-Subscription | In order to purchase any of the materials on this site you will need to have a Membership Account. Once you have an account, you will be able to purchase | |
| Resources What's New | subscriptions for online viewing. | |
| Body Repair Manuals | Option 1. Existing Member Login | |
| Diagnostic Tool Support | | |
| CEDIJ Theory & | | |
| Operation | Note: Upername and Resoluted are case-senative. | |
| Owner Guides Paper/CD Manuals []]+ | Hote: Apertante and Peterhord are case-sectore. | |
| Quick Guides | User Name: Subr | mi |
| fools & Equipment | | |
| Rappi Tassurd | Password: | |
| My Shopping Cart | | |
| My Subscriptions | Submit | |

• If you have previously registered, fill out the "User Name" and "Password", then "Submit" to continue. If not, click on the "Create a New Account" option and follow the required steps.



| www.d | gtech.com |
|-------|-----------|
|-------|-----------|

| - | Motorcr | aft | QUALITY PARTS FOR | FORD, LINCOLN AND ME | RCURY VEHICLES EVE | |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------|----------------------|--------------------|----------------|
| Paymen | t Information | | | | | |
| Date: Order Nu Order Tot | mber: TS | 1/12/2013 IOED484DA5 26.95 | | | | |
| Buyer: Address 1: Address 2: City: | Gien Eaton 709 Crestbrook Ave Cherry Hill | State/Province: Zip/Postal Code: Country: Email: Phone: | (Selectone) | | | |
| | Payment Method Name on Credit Card Credit Card # Credit Card Exp Date "Credit Card ID # | Month • Year | | | | |
| | | * 3 or 4 digits located o back of your credit car Submit Order >> | 4. | | | Submit Order > |

• Fill out applicable information and select "Submit Order".



FMP Download & Installation



PRIVACY - YOUR CALIFORNIA PRIVACY RIGHTS - Roturn Policy - Contact Us - Holg - Glossary Web Server: FCXWS443 - RETAIL

 Log onto <u>www.motorcraftservice.com</u> using the "Username" and "Password" and click on "Enter". This is case-sensitive.



Click on Reprogramming & Initialization

www.dgtech.com





PRIVACY - YOUR CALIFORNIA PRIVACY RIGHTS - Return Folicy - Contact Us - Hole - Glossary Web Sever, FCOWS44 - RETAIL

• Click on "Ford Module Programming Application".

| Note: Units of a Suggester one, an adventiced, note the note in land a link in entrance. 5. If you save the installation file to your computer, go to Winkows Explorer and locate the follow that you specified in Step 3. Double click on the file FMPox.x exe to start the installation process. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOTE: Software download and installation time will vary depending on the type of Internet connection (phone line, Bhernet, etc.) |
| Ford Module Programming Start Up |
| Before starting the application, always make sure that: |
| The SAE J2534 pass-thru device is attached to the PC and powered up The software that you received with the SAE J2534 pass-thru device is installed on the PC |
| Double click the Ford Module Programming icon on the desixtop Tritis is the first time that the application is being uses, a dalog box will appear indicating that the SAE J2234 pass-thru device that you are using from the lists provided. Download Ford Module Programming |
| NOTE: If there are no J2534 pass-thru devices listed, the software that came with the device has not been installed on the PC. Bot the application, install the software that was shipped with the device, and been the Start Up process again at Stare (1). |
| Select "Save Device" Select "Save Device" Select "Box Application" Restart the application using the loon on the desktop |
| Scheduled Ford Module Programming Updates |
| PMPES 27-Jan-10 View |
| Ford Module Programming User's Guide |
| FMP67 26-May-10 |
| FMP68 28-1/5+4 |
| FMP69 235ep-10 |

• Scroll to bottom of next screen and click on "Ford Module Programming". <u>NOTE</u>: it is recommended that the "Ford Module Programming User's Guide", also located here, be read in its entirety.

| He Download - s | Security Warning | BARLANS - | - | |
|-----------------|---------------------------------------------------------------------------------------------------|-----------|---|------|
| | to run or save this file? and 19/052.see ype: Application, 92,3% from www.mattorcrafteen | Cancet | | Save |
| | | | | |



• Click "Save".

• Select "Desktop" and then click on "Save".



Downloading Complete. Click on "Close".



• Locate "FMPxx" icon and double-click on it. (FMP version may be different)



• FMP Installing...





 Read "End User Software License Agreement" and click the radio button to "I accept..." and then "Next".

| FMP - 59300 User ID | | |
|--------------------------------------------------------|--------------------------------------------|--------|
| Enter the User ID that you set up when you Programming | purchased your subscriptors to ForetHodule | |
| Uer ID | | ← ● |
| | | Next > |
| estret - | (Bsch Ned) Carcel | |

• Type in "User ID" and click on "Next". The User ID is case-sensitive. If this step is not done correctly, the FMP application will not recognize the subscription.



| 187.66 68 | Next > |
|-----------|-----------|
| 171.75 ME | |
| | 171.75.ME |

 Note hard disc availability and requirements. Make sure there is enough disc space and click "Next".

| RMP - 69.00 | X |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ready to Install the Program | |
| The wizard is ready to begin installation. | and the second se |
| Click Instal to begin the installation. | |
| If you rent to teniew or change any of your initialation reitings, click Back, Click Ca the witted | tion of loop |
| | |
| | Install |
| | |
| | |
| | |
| eutroni - | |
| « Back Instal | Cancel |

• Click "Install".



Installing FMP...



Restart computer for proper installation. Click "Finish".



FMP Programming



• Locate the "Ford Module Programming" (FMP) icon on the desktop and double-click on it.



• If there are "Software Updates" required for the FMP, you will be prompted on additional screens to select the new software update and install it. This may take a few minutes. Just respond to the prompts accordingly to continue.

| INFL.COME TO MODULE Debter the application ran be used, the user intersection must be interest. 1. Setent the Souther Page late at the ran of the source of 2. Setent The Souther Matter autiliate at the today of the source of | | 王 | Continu |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---|---------|
| Select "fair use obstructur" Directle User D established eter you purchased by Modali Propage Select the too mark to be Directley of | ning subscription | | Conunc |
| Select "limit" <u>546</u>, 2019 para thu depos". Print the fold displayed, safed the <u>166</u>, 22104 para this doesn being ex- | suit | | • |
| Belezi the lock mark or the Enter kill of Belezi the Vehicle lab of the log of the screen are Science Traditional | | | |
| Note: Traces resturctiony, carbon primer by upogram Mercurcol or the top or it the user information from already been informed, select "Control" NOTE. The term "WUS" used in this application select to your filled at Pro- | gt can d'he com | 2 | |
| | Continue | | |
| | | | |
| | | | |

Click on "Start New Session".



Click on "Start New Session".



| S - 6 | |
|--------------------------------------|--|
| Thad Youv Seedon Presidus Seedone | |
| | |
| | |

Click on the "Tick icon".

| Establish an internet connection, then select Confirm. | |
|--------------------------------------------------------|---------|
| | Confirm |
| Cantum | |

• Establish an Internet connection and select "Confirm".



• Read the important "Warning" information. Turn ignition key "On" and click the "Tick icon".

| Food Naclask Franzensning | |
|-----------------------------------|---|
| Establishing communication to PCM | I |
| | |
| | |
| D1 451 | |
| Operation in progress | |
| | |
| | |
| | |
| 11 🔟 🕰 | |

• Establishing communication with the PCM.



| Vehicle Spec | fication | 1 |
|-----------------------------------------------|----------|---|
| /ehicle: Aerostar | | |
| Capacity: 3.0L | | |
| Transmission: Automatic | | |
| Fuel Type: Gasoline | | |
| Emission level: Federal or Non-Green State US | Emission | |
| s this correct? | | |
| | | |
| | | |
| | | |
| NO | YES | - |

- IMPORTANT! Correct vehicle identification is critical!
 - o Click "YES" if:
 - the <u>original</u> PCM is being programmed and the information is correct.
 - the <u>original</u> PCM is being replaced and communication was successful and the information is correct.
 - Proceed to pg. 16
 - Click "NO" if:
 - the <u>original</u> PCM is not available.
 - communication to the <u>original</u> PCM was not successful.
 - a replacement PCM is already installed in the vehicle.
 - If "NO" is selected...

| Incorrect calibration programmed | | |
|----------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | • | |
| | | Image: A start of the start of |
| | | |
| | | |

• Click on the "Tick icon".

| • | To enable diagnosts tradet to literatify the <u>PCIII</u> , please enter One of the following on the reat access: = <u>PCIII</u> part leander et = <u>Calibration number</u> (7, 10, or 10 digital er = <u>Tear tag number</u> (4 digital | | |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | | |
| | | • | |
| | | Image: A state of the state of | |



• Gather the required information and click on the "Tick" icon. Tear tag data is considered the best option.

| • | PCM Part Number Calibration Number Tear Tag | PEDF2A | |
|---|---------------------------------------------------|--------|--|
| | | | |
| | | | |
| | | • | |
| | | | |

Type in <u>one</u> of the required information inputs and click on the "Tick" icon.



 Vehicle Specification has been corrected to the proper vehicle. Click on "Yes" to accept change.







• These fields are **OPTIONAL**. For more details, see the Ford Module Programming User's Guide. Click on the "Tick icon".

| Vehicle: Aerostar Capacity: 3.06, Transmission: Automatic Fuel Type: Gasoline Emission level: Federal or Non-Green State US Emission Odiometer: 50000 VIN: Accessoor | | Vehicle Specification | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------|--|
| Capacity: 3.04, Transmission: Automatic Fuel Type: Gasoline Emission level: Federal or Non-Green State US Emission Odometer: 50000 VIN: Astronomous | | | |
| Transmission: Automatic Fuel Type: Gasoline Emission level: Federal or Non-Green State US Emission Odiometer: 50000 VIN: Astronomous | | | |
| Fuel Type: Gesoline Emission level: Faderal or Non-Green State US Emission Odometer: 50000 VIN: Advances | | atic | |
| Octometer: 50050 | | | |
| 1011: AAAAAAAAAAAAAA | Emission level: Feder | al or Non-Green State US Emission | |
| | Ociometer: 50000 | | |
| | VIN: | | |
| | | | |
| | | | |

• Click on the "Toolbox Tab".

| Module Programming | C Instantant Supervice | |
|--------------------|------------------------|--|
| | | |

• Click on "Module Programming" and then the "Tick icon".





- <u>Programmable Module Installation</u>: Use this option when <u>replacing</u> a PCM when the original PCM communication was successful.
- <u>Module Reprogramming</u>: Use this option when reprogramming a module with an updated calibration file.
- <u>Programmable Parameters</u>: (not shown, but would be listed if applicable) change configurable parameters such as customer preference items (ex: horn chirp, lighting delays, etc.) or vehicle modifications (ex: tire size or axle ratio).
- Select the appropriate option and then the "Tick icon".



• Read this "Notice" and click on the "Tick icon".

• Make sure the vehicle's Ignition Switch is in the "Off" position and click the "Tick icon".





•

| | | 0.28 |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| | 9 -0 0 | |
| | Programmable Module Installation | |
| | | |
| Oliek on the "Tiek ison" | | |
| Click on the "Tick icon" | | |
| | | 10100 |
| | PCM/Reprogramming | |
| | The fuel pump and engine cooling fanje) will run during the following procedure. It recommended that their fuses be removed to prevent electrical interferences and but drain while reprogramming. | |
| | | |
| Click on the "Tick icon" | | |
| | Tand Module Programming | |
| | Operator Action | |
| | Set ignition switch to CN (Position II). | - M |
| | | |

Click on the "T •

Make sure the vehicle's Ignition Switch is in the "On" position and click the "Tick icon". ٠

| Ford Hedule Programming | |
|--------------------------------------------------------|----------|
| 20 | |
| Dewritoasting Data PCM Reprogramming. Please Wat | |
| | <u> </u> |

FLASH Reprogramming! •



| rad Modele Pregramming | |
|------------------------------------------|----------|
| Operator Action | A |
| Set ignition switch to OFF (Position 6). | |
| | |
| | |

Make sure the vehicle's Ignition Switch is in the "Off" position and click the "Tick Icon".

| _ | V | | | |
|---|------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| | Operat | for Action | | |
| | Set ignition switch to ON (Position II). | | | l 🗡 |
| | | | Image: A start of the start of | |
| | | | | |

Make sure the vehicle's Ignition Switch is in the "On" position and click the "Tick Icon".

| | i ne i Melak Programming | | |
|---|------------------------------------------|----------|----------|
| I | Operator Action | | |
| | Set Ignilion switch to OFF (Position 0). | | <u> </u> |
| | | ~ | |

Make sure the vehicle's Ignition Switch is in the "OFF" position and click the "Tick Icon".

| PCMReprogramming | |
|---------------------------------------|--|
| diration has been louded and sheehad. | |
| | |

• Click on the "Tick icon".



| PCMRepr | ogramming | |
|---------------------------------------------|---------------|--|
| inuted angles cooling fan and fuel purge fu | nes Freinved. | |
| | | |

Click on the "Tick icon".



• Read carefully and take the appropriate action necessary. Click on the "Tick icon".



• "Start Engine" and then click on the "Tick icon".

| ľ | For A Minister Transmisser | | |
|---|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| | Operator Action | | |
| | Set ignition awitch to CFF (Position 0). | | |
| | | | |
| | | Image: A start of the start of | - |

Make sure the vehicle's Ignition Switch is in the "Off" position and click the "Tick Icon".



| - Ford Hodek Programming | | | |
|-----------------------------------------|-----------------|-------------|----------|
| | Operator Action | | |
| Set ignition switch to CN (Position II) | | | <u> </u> |
| | | > | |
| | | | |

Make sure the vehicle's Ignition Switch is in the "On" position and click the "Tick Icon".

| Module Programming | | |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Clearing Pault Codes | Network QTCs (U-codes) may have been ast suring programming. This test will clear all Centimoous Mensory DTCs Note: OTCs that start with U are faults which orner defing module to module communication. | |

Clearing Fault Codes...Wait...

| Facil Modele Programming | | | |
|------------------------------------------------------|----------|---|-----------------------------------------------------------------------------------------------------------------|
| Operator Set ignition switch to OFF (Position 0). | r Action | | , Market and |
| | | • | |
| | | - | |

Make sure the vehicle's Ignition Switch is in the "Off" position and click the "Tick Icon".

| 🥐 🔶 | Programmatile Module Installation * Module Reprogramming | |
|-----|-------------------------------------------------------------|---|
| | | 1 |
| | | |
| | | |

 In order to go to the next Flash event, you must clear the current session. To start this process, click on the "Toolbox Tab".



| Ind Michie Programming | |
|------------------------|--|
| | |

• Click on the "Vehicle" tab.

| - | Vehicle Specification | |
|-------------------------------------|-----------------------|--|
| | | |
| Vehicle: F-Series Capacity: 4.94 | | |
| Transmission: Manual | | |
| Fuel Type: Gasoline | | |
| Odometer: 50000 | | |
| 1115: BREARDERABERARE | | |

• Click on the "Close Session" sub-tab.

• Refer to the Ford Module Programming User's Guide for details. Make selection and click on the "Tick icon".



• Click on the red "X" in the upper right-hand corner of the window.