

# Techstream Lite Kit Installation Instructions for MongoosePro MFC/MFC2 Vehicle Interface Modules (VIM)



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Page 1 <u>https://techinfo.toyota.com</u> TS Lite PRO Kit Installation Instructions – Rev 3.4



## Installing MongoosePro MFC/MFC2 Software from Techinfo Website

#### Required to proceed:

- PC with Windows 10 (32-bit or 64 bit)
- PC with Internet Explorer 11, Google Chrome, or Firefox 21.0 or later version
- PC configured for access to the Internet

#### Perform the following:

1. Go to <u>https://techinfo.toyota.com</u>, enter **User Name** and **Password** then click **Login**.

TIS TECHNICAL INFORMATION SYSTEM		
Subscriber Login		
User Name: Username 🗖 Remember Me		
Password: ••••••		
Clear Login		
Forgot User Name or Password?		



#### 2. Click on **TIS** → **Diagnostics** → **ScanTool**

32 and 64-bit versions of the MongoosePro MFC and MFC2 software can be found in the Techstream Lite section. Select the applicable software link to download the installation file.

**NOTE:** The MongoosePro MFC/MFC2 software versions shown are for reference, as updated versions may be available.

Library      Diagnostics     Diagnostics
ScanTool Reprogramming Add / Remove Key
Techstream Software
itechstream)))
Techstream V14.20.019 Software New Techstream software is now available for download. Version 14.20.019 includes additional model coverage for 2020MY vehicles as well as Toyota ISTA Diagnostic Software support for the new Supra. Full support is provided for 2019 and earlier models.
Should you encounter any issues with Techstream software, please push the F12 button and submit a detailed Error Report.
First time updating Techstream?
Techstream Support Quick Training Guide
Update (V14.0 and later)
Full Install (New Installs)
techstream)))
Techstream Lite Getting Started After you obtain a PC that meets the minimum network and hardware requirements, follow these easy steps to get your Techstream Lite configured quickly. For detailed instructions refer to the Techstream Lite Installation Instructions.
1. Install Mongoose VIM Software (Choose the link below that corresponds to the device you have. NOTE: If you install the incorrect driver, your Mongoose cable will not operate correctly.)
Mongoose PRO VIM Software (Blue Case) 32-bit Mongoose PRO MFC Software Installer v1.2.10 64-bit Mongoose PRO MFC Software Installer v1.2.10
Mongoose PRO MFC2 VIM Software (Green Case) 32-bit Mongoose PRO MFC2 Software Installer v1.7.2 64-bit Mongoose PRO MFC2 Software Installer v1.7.2
<ol> <li>Install full version of Techstream Software Techstream V14.20.019 Full Software Installer</li> <li>Register Techstream Software</li> <li>Set Techstream VIM Selection to Mongoose PRO</li> </ol>
Looking to upgrade your Mongoose MFC to Mongoose PRO? Click here

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3. From the Downloads folder on your PC, double click on the downloaded installation file.

**NOTE:** MongooseProMFC2\_x64 shown as an example. Your content may differ depending on the downloaded version.

> ~ 🛧 🦊 > This PC > [	Downloads	√ Č	Search Downloads		P
Name ^	Date modified	Туре	Size		
☑ 🛃 MongooseProMFC2_x64	10/21/2019 5:04 PM	Windows Installer Package		11,068 KB	
JJJ mongooser form ez_xor	10/21/2015 5:041141	windows installer Fackage		11,000 KD	

4. A setup screen will appear as shown. Check the box labeled "I accept the terms in the License Agreement" then click Install.

**NOTE:** MongoosePro MFC2 installation screen shown as an example. MongoosePro MFC installation screen differs but follows the same setup procedure.

🛃 J2534 MongoosePro MFC2	Setup — 🗆	×
	Please read the J2534 MongoosePro MFC2 License Agreement	
	END-USER LICENSE AGREEMENT	^
	IMPORTANT-READ CAREFULLY: This DREW TECHNOLOGIES End- User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Drew Technologies, Inc ("DREW TECHNOLOGIES") for the use of DREW TECHNOLOGIES	
	software and hardware	~
	☐ accept the terms in the License Agreement	
Print	Back SInstall Cano	el



5. You will be instructed to attach the MongoosePro MFC/MFC2 device to the computer <u>after</u> the installation is complete. Click **OK**.

**NOTE:** MongoosePro MFC2 installation screen shown as an example. MongoosePro MFC installation screen differs but follows the same setup procedure.



6. Click **Finish** to exit the setup

**NOTE:** MongoosePro MFC2 installation screen shown as an example. MongoosePro MFC installation screen differs but follows the same setup procedure.

🛃 J2534 MongoosePro MFC2	Setup	-		×
Ð	Completed the J2534 Mo MFC2 Setup Wizard	ngoos	ePro	
	Click the Finish button to exit the Set	up Wizaro	ł.	
	Back Finis	h	Cano	el

 Connect the MongoosePro MFC/MFC2 VIM to the PC USB port. The Mongoose driver will be installed automatically. After a few minutes, confirm the green LED light in the DLC3 (OBD-II) end of the VIM is flashing. This indicates the driver is installed and MongoosePro MFC/MFC 2 VIM is ready to be used.



## Installing Techstream Software from Techinfo Website

#### Perform the following:

1. Go to <u>https://techinfo.toyota.com</u>, enter **User Name** and **Password** then click **Login**.

TIS TECHNICAL INFORMATION SYSTEM			
Subscriber Login			
User Name: Username	Remember Me		
Password:			
Clear Login	6		
Forgot User Name or	Password?		

2. Click on **TIS** → **Diagnostics** → **ScanTool** 

In the Techstream Software section, select Full Install to download the installation file.

**NOTE:** The Techstream software version shown is for reference, as an updated version may be available.

O Library 🖲 Diagnostics 🗸 — 😋 ¥zhicle Inquiry				
ScanTool	Reprogramming	Add / Remove Key		
Techstream Software				
	ITIS techstre	eam)))		
Techstream V14.20.019 Software New Techstream software is now available for download. Version 14.20.019 includes additional model coverage for 2020MY vehicles as well as Toyota ISTA Diagnostic Software support for the new Supra. Full support is provided for 2019 and earlier models.				
Should you encounter any issues with Techstream software, please push the F12 button and submit a detailed Error Report.				
First time updating Techstream?				
Techstream Support Quick Training Guide				
Update (V14.0 and later)				
Full Install (New Installs)				

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3. From the Downloads folder on your PC, double click on the downloaded installation file.

**NOTE:** Techstream\_SetupNA\_V14.20.019 shown as an example. Your content may differ depending on the available version.

Downloads			- 0	×
🕂 🔿 👻 🛧 🖊 > This PC > Downl	oads	v ₽	Search Downloads	م ر
Name	Date modified	Туре	Size	
SetupNA_V14.20.019	10/22/2019 10:58 AM	Application	209,091 K	В
-				
				_

4. Choose setup language and click **Next** to continue.



5. Click Next again to continue.



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6. Check the box labeled "I accept the terms of the License Agreement" then click Next.



7. Enter your User Name and Company Name, then click Next to continue.

Techstream Software - InstallShield Wizard	×
Customer Information Please enter your information.	Z
Please enter your name and the name of the company for which you work.	
User Name:	
Enter your name	
Company Name: Enter your company name	
InstallShield	_
< Back Next >	Cancel

8. Click Install to begin the installation.



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9. Click Finish to complete the installation



## **Configuring Techstream Software for Your PC**

#### Perform the following:

1. From your Windows Desktop, double click the Techstream icon.



2. Select North America and click Next to continue.

Techstream Configuration (S82	2-04)
Area Selection	
North America	•
Next>	Cancel



3. Select a Language from the drop-down option. English is default. Click Next.

Techstream Configuration (S822-05)	
Default Language Selection	
English	-
<back next=""></back>	Cancel

4. Enter the Shop Name, Shop Code and Phone Number, then select the appropriate Country/Region and **Public User** for the User Type. Click **OK** to continue.

Techstream Configuration (S822-01)	
Please input the following information.	Optional Information
This Information is used for error report follow up.	This information will appear on the header of printed reports.
Dealer Name Shop Name	Dealer Address
Dealer Code Shop Code	^
Dealer Phone Phone Number	<
Dealer Country /Region	Dealer Email
This selection is used to configure Techstream network settings.	Dealer Website
User Type Public User	
Example: Independent Service Stations	
	OK



### **Registering Techstream Software**

Techstream Software requires registration with the Techinfo site before it can connect to a vehicle. Techinfo registration is limited to only one PC per Techinfo subscription. The Techstream registration will be good for the duration of the Techinfo subscription.

#### Perform the following:

1. From Techstream main screen, click Software Registration.



2. Click the Software Registration button.

Registration informat	tion:
Software ID:	EC252B7C118AFE4AE567A49E547CFFB0
Software Version:	14.20.019
Current Key:	
New Key:	
o register software.	click on the Software Registration button below. If you
o register software, are unable to access echstream support. utton below.	l click on the Software Registration button below. If you the software registration web page, contact For Techstream support, click the Support Information
To register software, are unable to access rechstream support. utton below.	click on the Software Registration button below. If you the software registration web page, contact For Techstream support, click the Support Information egistration

3. Log into <u>https://techinfo.toyota.com</u> by entering your **User Name** and **Password** then click **Login**.

TIS TECHNICAL INFORMATION SYSTEM			
Subscriber Login			
User Name: Username 🔲 Remember Me			
Password: ••••••			
Clear Login			
Forgot User Name or Password?			



4. Enter a Computer Name and a Shop/Owner Name, then click Calculate Key.

## **Techstream Software Registration**

Thank you for registering your Techstream Software.

Please enter the required information below and click "Calculate Key" to complete the Techstream Software Registration Process.

User ID:	gutieca
*Software ID:	EC252B7C118AFE4AE567A49E547CFFB0
*Software Version:	14.20.019
Computer Name <sup>+</sup> :	Computer 1 (five (5) character minimum)
Shop/Owner Name <sup>+</sup> :	Shop Name (five (5) character minimum)
	Calculate Key
Key:	
1. Highlight	the key by double clicking on it
2. Right clic	k on the key and select "copy"
<ol><li>Paste the</li></ol>	key into the Techstream software by right clicking on the "key" box and selecting "paste"

4. Press "OK" to finish registration

5. Copy the Key from the Techinfo website.



6. Return to the Register Techstream Software screen and paste the Key in the New Key field. Click **OK** to register.

Register Te	chstream Sof	itware (S314-0	)1)			
Registrat	on informati	on:				
Softwar	e ID:	EC252B7C	118AFE4	AE567A	49E547CFFB	D
Softwar	e Version:	14.20.019				
Current	Key:					
New Key:		dc6432b9	dc6432b902a224df93d1e69d00771311040946			
To registe are unabl Techstrea button be	er software, e to access m support. low. <b>1. Pla</b> <b>2. Pr</b> Software Do	click on the S the software For Techstrea <b>ice the cu</b> ess Ctrl +	oftware R registratio In suppo I <b>rsor in</b> V from	egistratio on web pa rt, click the the ke the ke	n button below age, contact e Support Infor y box eyboard to	: If you mation <b>paste</b>
- N	Software Re	egistration	_	Suppon	Information	
	ОК		Evaluate		Cancel	

**Note:** The Register Techstream Software screen will close and the Techstream software is now registered.



## Selecting the MongoosePro MFC/MFC2 VIM from Techstream

Techstream software requires a VIM selection before you can use the MongoosePro MFC/MFC2 VIM. Perform the following steps to select the appropriate VIM.

#### Perform the following:

- 1. Select Setup from the Techstream Main Menu
- 2. Select VIM Select from the Setup drop-down menu



3. Click the Interface setup drop-down arrow and select the appropriate VIM from the list, then click **OK**.

**NOTE:** MongoosePro MFC/MFC2 software must be installed before your VIM selection will be available. MongoosePro MFC2 selection shown as an example.

VIM Select (Z999-05)			×
Interface setup:	MongoosePro MFC2 TIS Techstream VIM	Detail	
Vendor Name Device Name ProtocolSupported CAN CAN PS ISO15765 J1850PVM J1850PVM J1850PVW ISO9141 ISO14230 SCI_A_TRANS	MongoosePro MFC2 : MongoosePro MFC2 : 1 : 1 : 1 : 1 : 1 : 1 : 1 : 1		
SCI_B_ENGINE SCI_B_TRANS	: 0 : 0		~
	ок	Cancel	



## **Connecting to Vehicle to Verify Techstream Lite Operation**

#### Perform the following:

- 1. Connect MongoosePro MFC/MFC2 device to PC via USB port.
- 2. Connect MongoosePro MFC/MFC2 device to vehicle's DLC3 (OBD-II) port.
- 3. From the Techstream main menu, click **Connect to Vehicle.**

Connect to Vehicle

4. Vehicle information should be prepopulated as in the example below. Select the appropriate vehicle **Option** and click **Next**.

Division:	ΤΟΥΟΤΑ
Model:	Corolla
ModelYear:	
Engine <sup>.</sup>	
Lingino.	ZZR-FE
Option:	•
	w/ Smart Key w/o Smart Key
tional Information	on:
otional Informati	on: 1NXBU4EE6AZ166795



5. From the **System Selection Menu**, select an ECU and click on the **Green Arrow** to confirm communication with the ECU. If Techstream advances to the Trouble Codes screen, communication has been established and you are done!

Techstream (Ver 14.20.0	019) - 10879				_		×
System Select Stored	Data						
2010 Corolla 2ZR-FE 1NXBU4EE6A2166795 Health Check	System Selection Select desired system and System Yellow = ECL System White = ECL *System White wAstu *System Light Blue w All ECUs Powertrain	Menu then press the arrow button J status unknown. J communication OK. erisk = ECU not supported o (Asterisk = ECU communica Chassis Body Electric	to access the ECU. r not responding. tion OK in past times b :al	ut not responding now.			
Customize	Engine and ECT	Cruise Control	ABS/VSC/TRAC	Tire Pressure Monitor	EMPS		
Setting	Air Conditioner	SRS Airbag	Main Body	Accessory Gateway	Combination Met	er	
ECU Reprogramming		Occupant Detection					┛║
CAN							_
Bus Check							-
TIS Function							_
Read Data Function							
							~
TIS Search Print Main Menu	This ECU controls fuel inje extraordinary circumstance	ction, ignition timing, knock a etcAdditionally, it controls	control, idling engine sg a automatic transmissio	oeed, self-diagnosis function, an n.	nd backup function in		^ >
S303-01					Default User	DLC 3	-

### **Techstream Lite Technical Support Information**

Technical support: **1-877-762-7666** Email support: **Techinfo@Toyota.com**