VXDIAG VCX NANO GM GDS2 Tech2win Installation Manual

Part I Software Download
Part II Software Installation
Part III Common Installation Errors & Solutions

Part I

Nowadays most computer not have CD Driver, so we canceled CD.
You can download software here:

GDS (2020.07):
https://mega.nz/#F!jN4lSYaA!5Q_p4sZEySxLu6HVPP418A

GDS Patch: (2021.03.01)
https://mega.nz/file/oZ820RCJ#BXRW3mOGCC7mfMjtaJ71AzjwghBl
CogoM7RNGWi9K_mE

Tech2Win:

https://mega.nz/#!tIFWUIxT!XBAFZWEFPhQ3A9MtyPYfT1wojVgB1sE
mt2T62nrmQcM

VM version:
VMware GDS2_2016-10:

https://mega.nz/#!RRVi1YiR!Cux39gxtBGnzFhKA5LEIEcVjjNNg5Eb2h
uNxlngEv1E

VMwareGDS2_2018-01:
https://mega.nz/#F!Q0Aj1BqI!iW1YeXoS9RjKTk9FEKkkAA

VMWARE-PLAYER6.0
https://mega.nz/#!dEU3GApQ!WgKNuv3G691mGf8_lxZ9HLEeNmAHUJqIB3D
CnKfTq5U

Latest version VX Manager driver can be downloaded here:
http://www.vxdiag.net/?lang=en

If still failed to install GDS2/TECH2WIN after reading our manual, please feel
free to contact vxdiagshop.com customer service:

www.vxdiagshop.com

Email: sales@vxdiagshop.com
Skype: vxdiag.com
Whatsapp: 0086-18064450969

*For SPS Programming, you need buy online subscription from ACDelco.

<mark>Part II</mark>

Operating System requirement:
C:// RAM: 4GB and above
O/S: Win7 (32bit/64bit) Pro, Win10 (64bit) Pro,
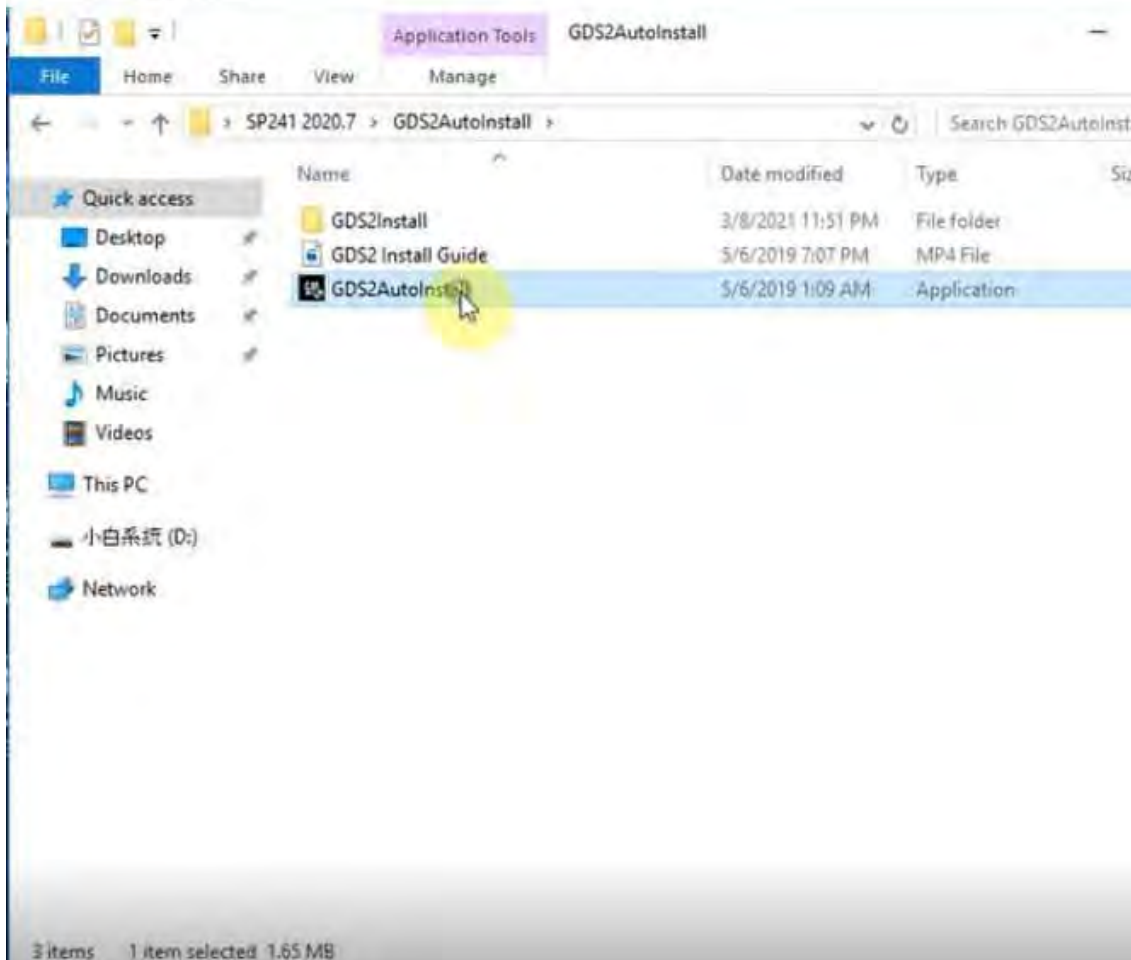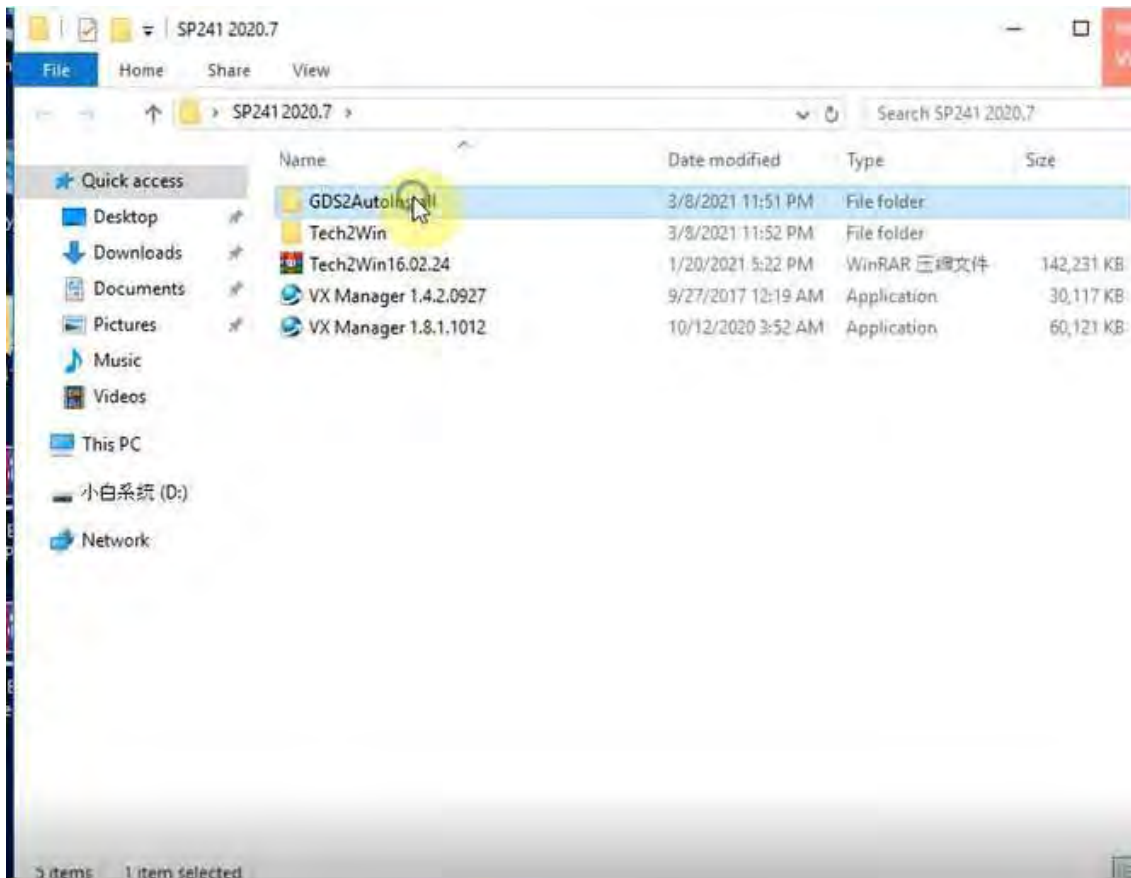Don't set it up on Windows Home Version

GDS2 and Tech2win can be both installed on WIN10 64Bit OS, If your tech2win unable to install on WIN10 64bit laptop, please try WIN7 32bit computer.
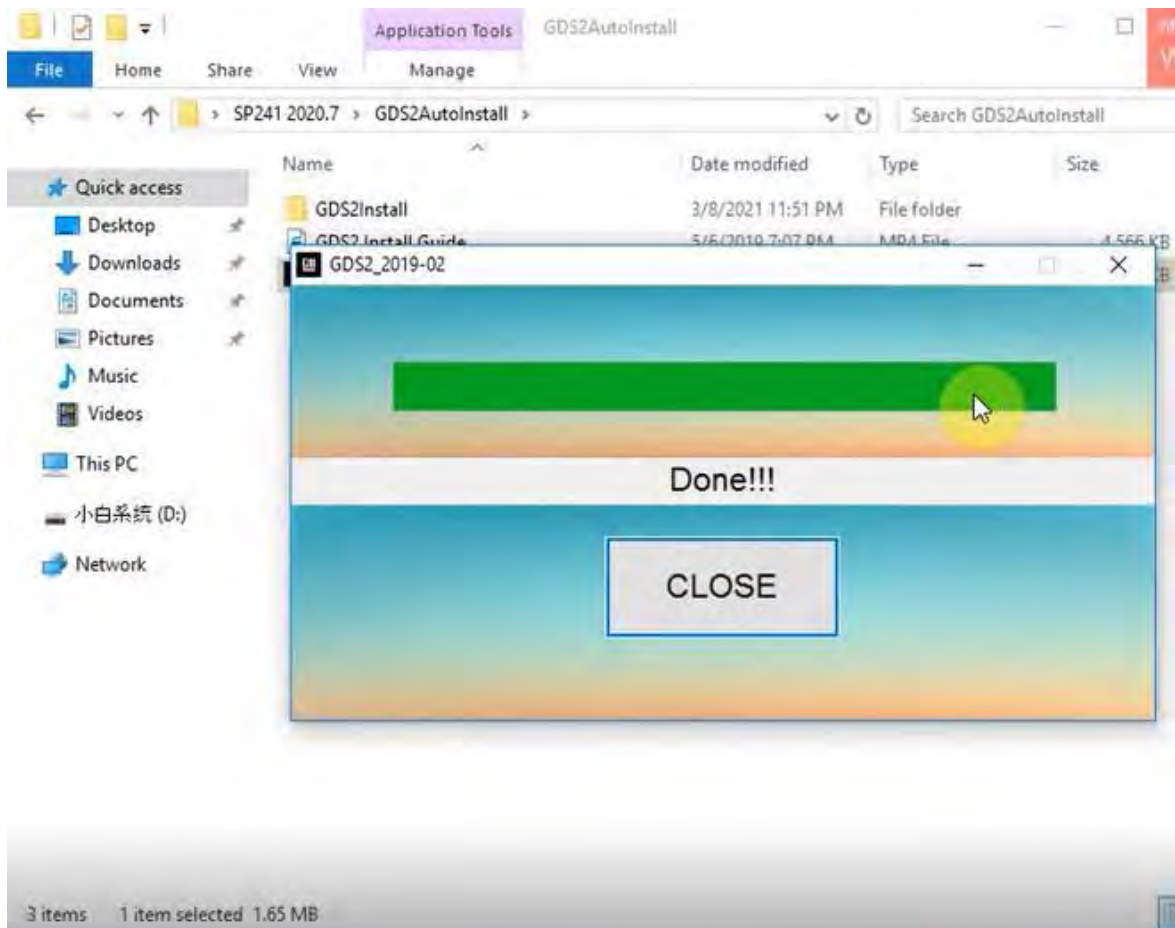
Here is the Win10 installation guide, Win7 share similar innstallation:
Check [Set up VXDIAG GDS2 & Tech2Win on Win7](#)

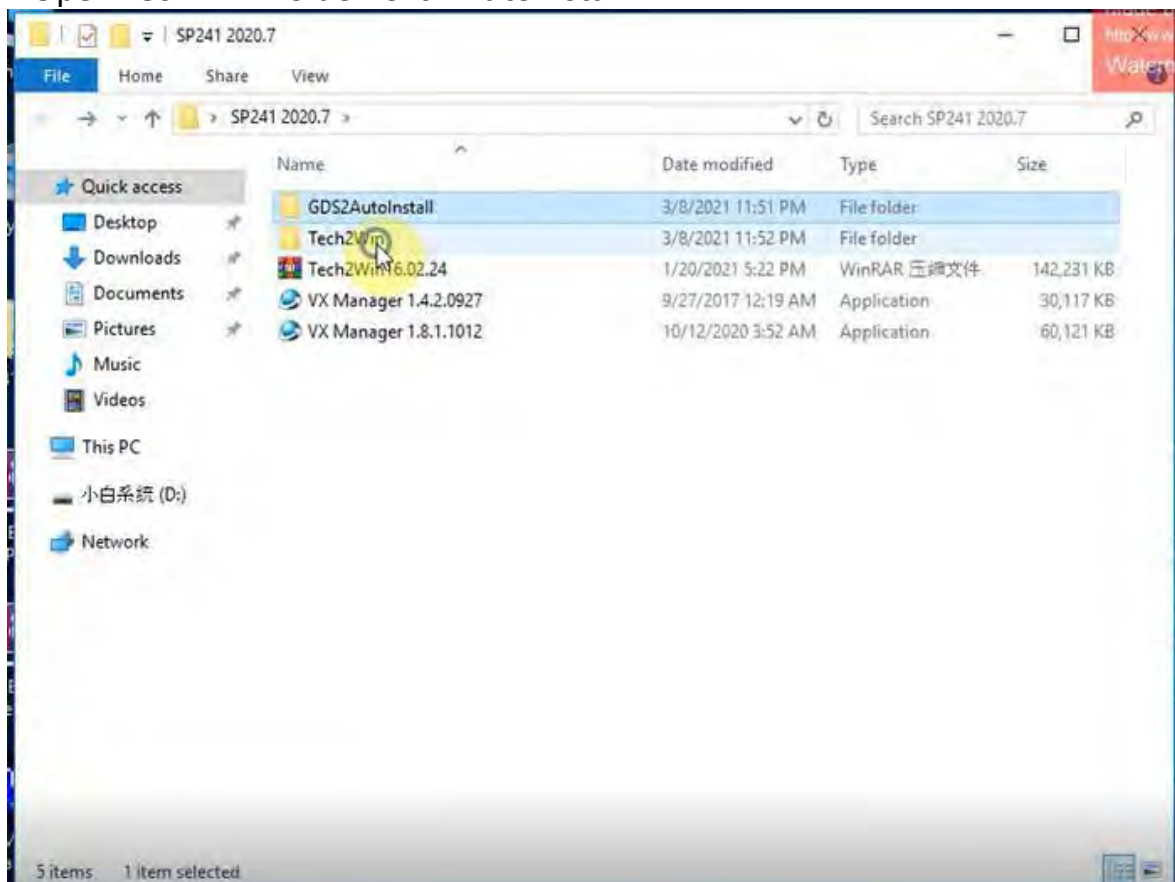**Video reference:** https://youtu.be/zFFwjrMyDeA

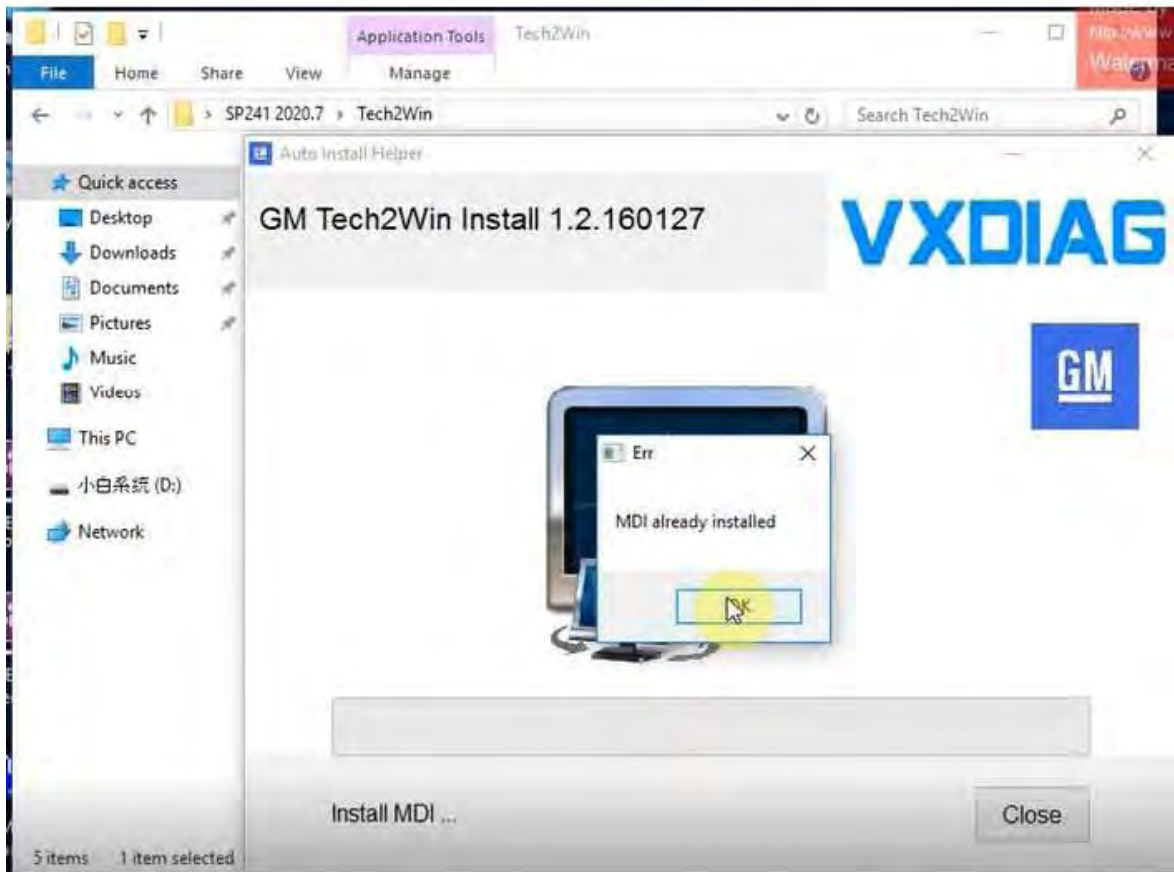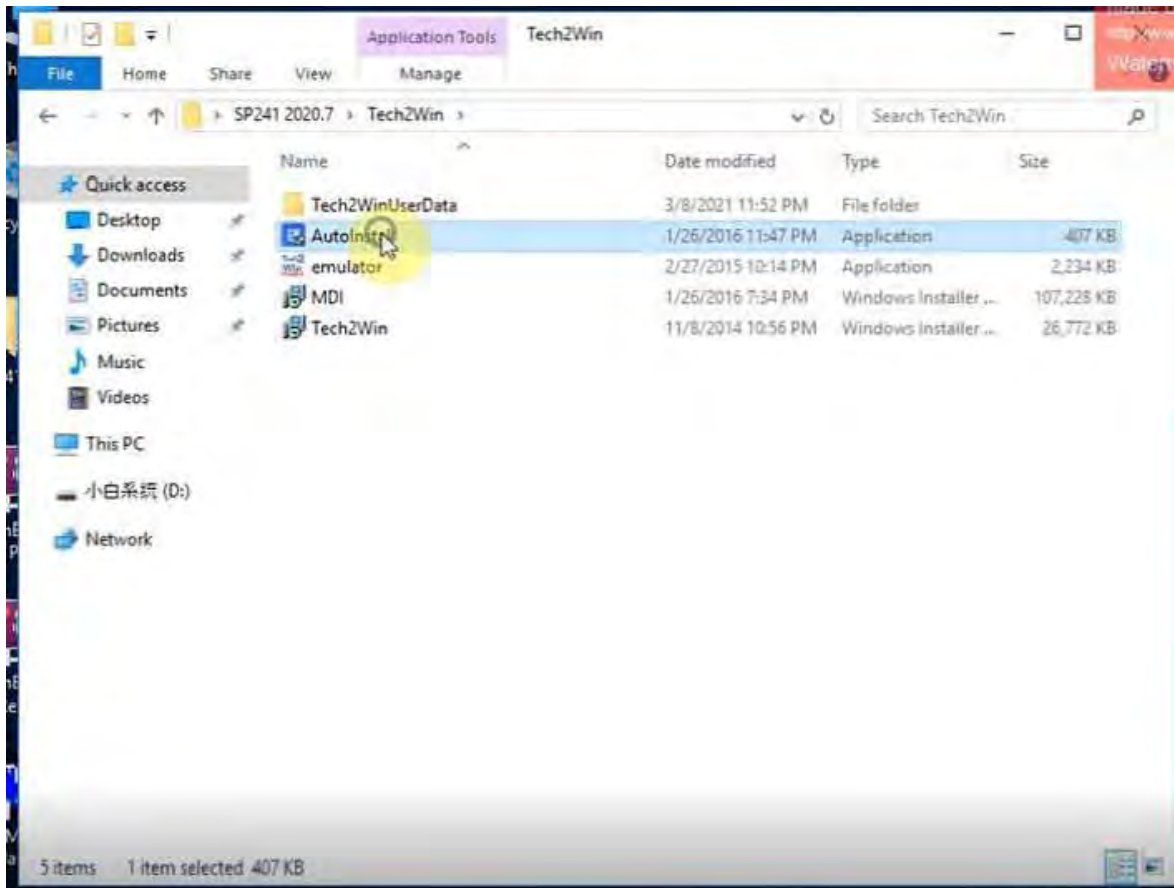**Let's start the GDS2 & Tech2win installation on WIN10 (64Bit):**
1.First download the Mega file as a folder and unzip it. Then open the **GDS2Autoinstall** folder, click **GDS2Autoinstall.**

2.Open **Tech2win** folder. Click **Autoinstall**.

File   Home   Share   View   Manage

SP241 2020.7 › Tech2Win ›   Search Tech2Win

Quick access
Desktop
Downloads
Documents
Pictures
Music
Videos
This PC
小白系统 (D:)
Network

Name	Date modified	Type	Size
Tech2WinUserData	3/8/2021 11:52 PM	File folder	
AutoInstN	1/26/2016 11:47 PM	Application	407 KB
emulator	2/27/2015 10:14 PM	Application	2,234 KB
MDI	1/26/2016 7:34 PM	Windows Installer ...	107,225 KB
Tech2Win	11/8/2014 10:56 PM	Windows Installer ...	26,772 KB

5 items   1 item selected   407 KB

File   Home   Share   View   Manage

SP241 2020.7 › Tech2Win ›   Search Tech2Win

Quick access
Desktop
Downloads
Documents
Pictures
Music
Videos
This PC
小白系统 (D:)
Network

Auto Install Helper

GM Tech2Win Install 1.2.160127

VXDIAG

GM

Err   ✕

MDI already installed

OK

Install MDI ...   Close

5 items   1 item selected

www.vxdiagshop.com

3.Install VXMANAGER.

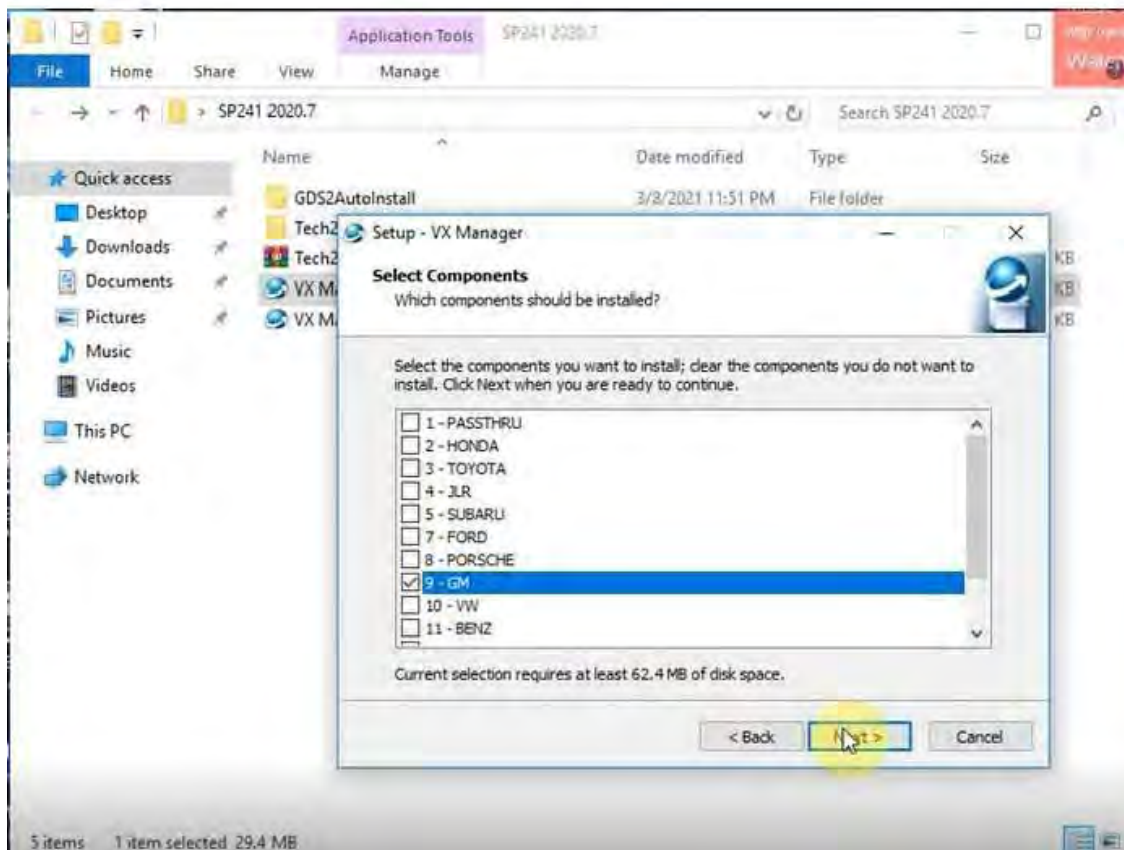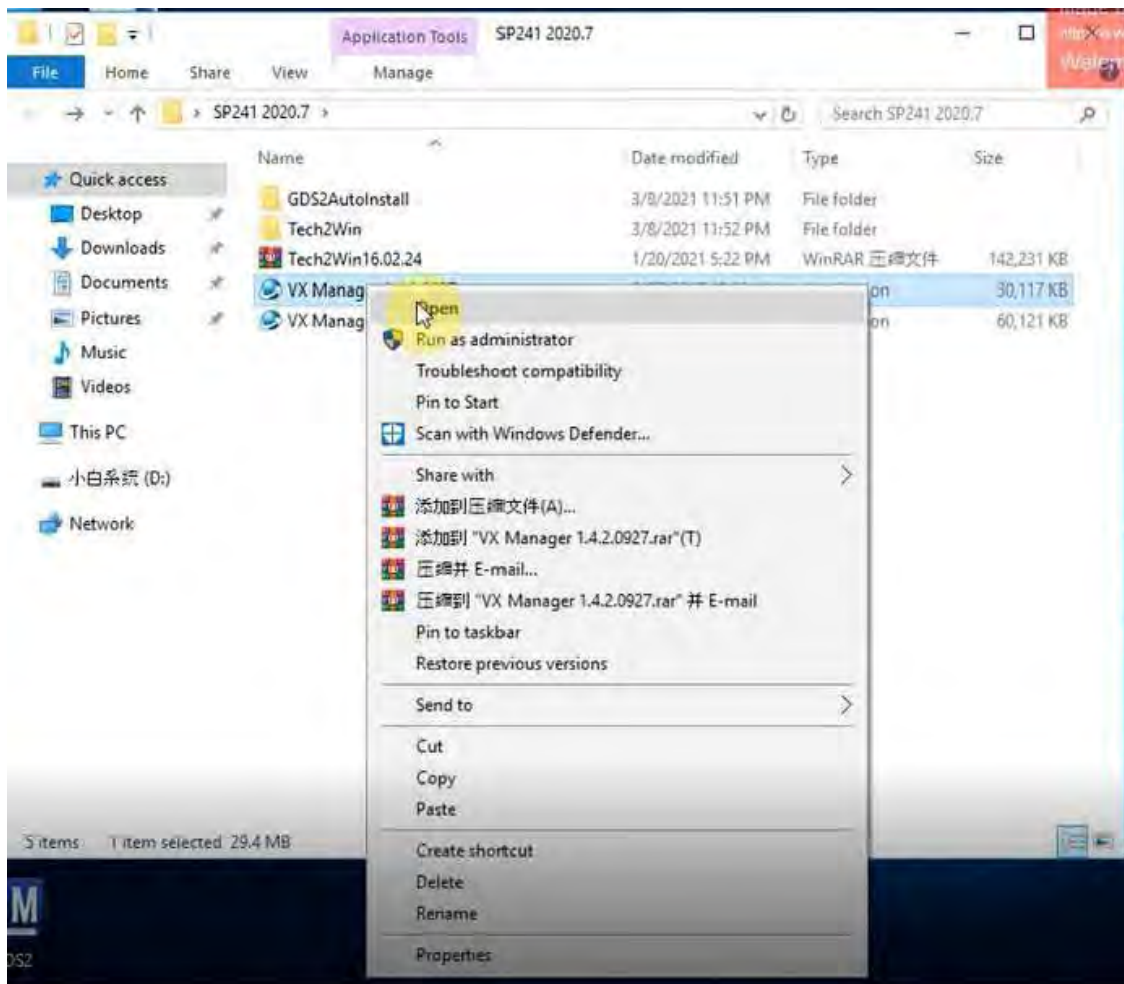* Note: Direct install newer version VX Manager may cause "no default device
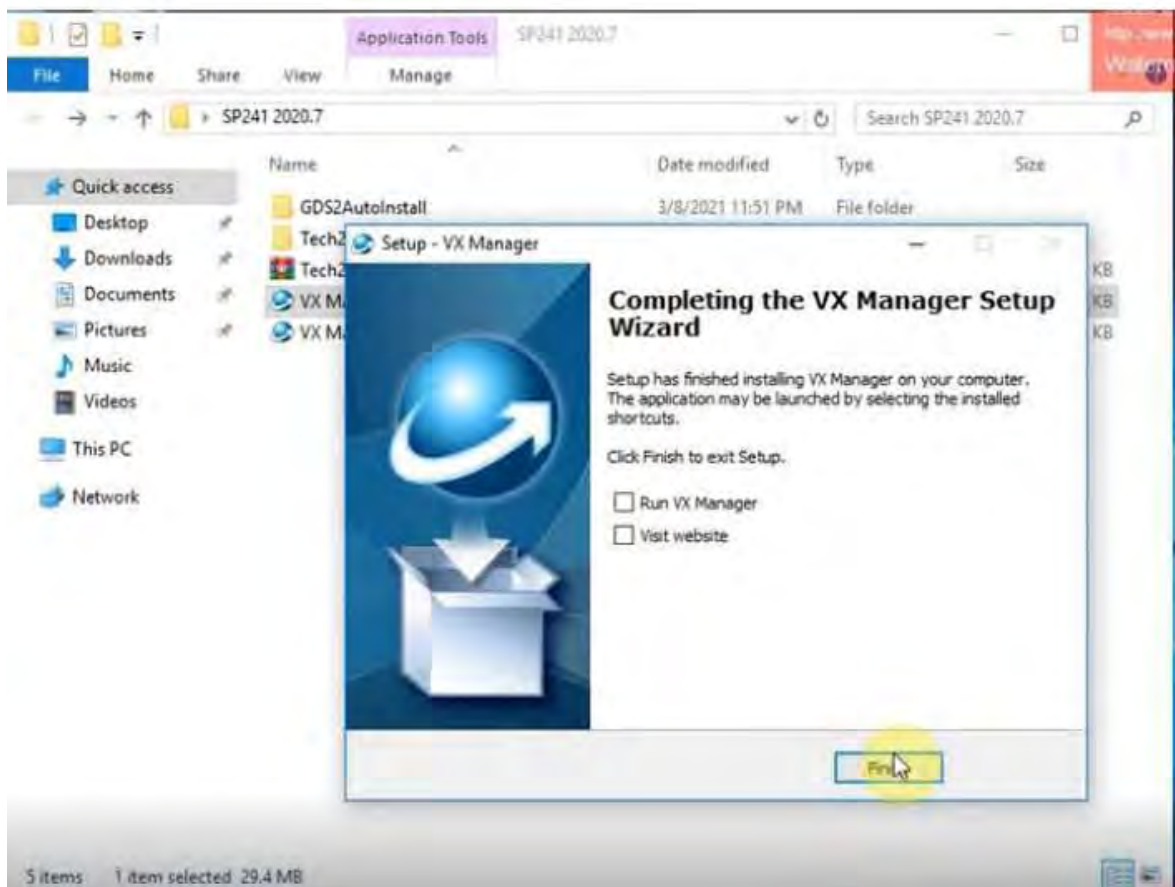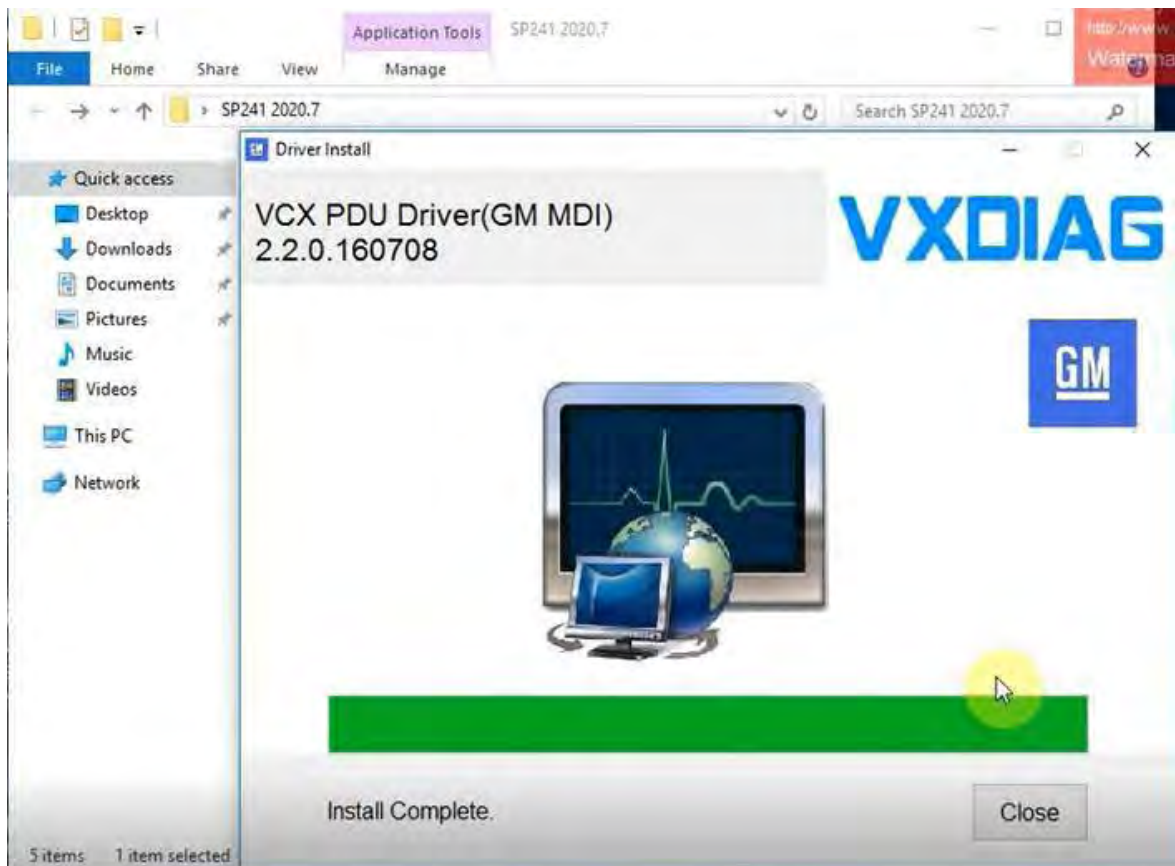
detected" error. **Require install older version vx manager 1.4.1 then install vx manager 1.8.1.**

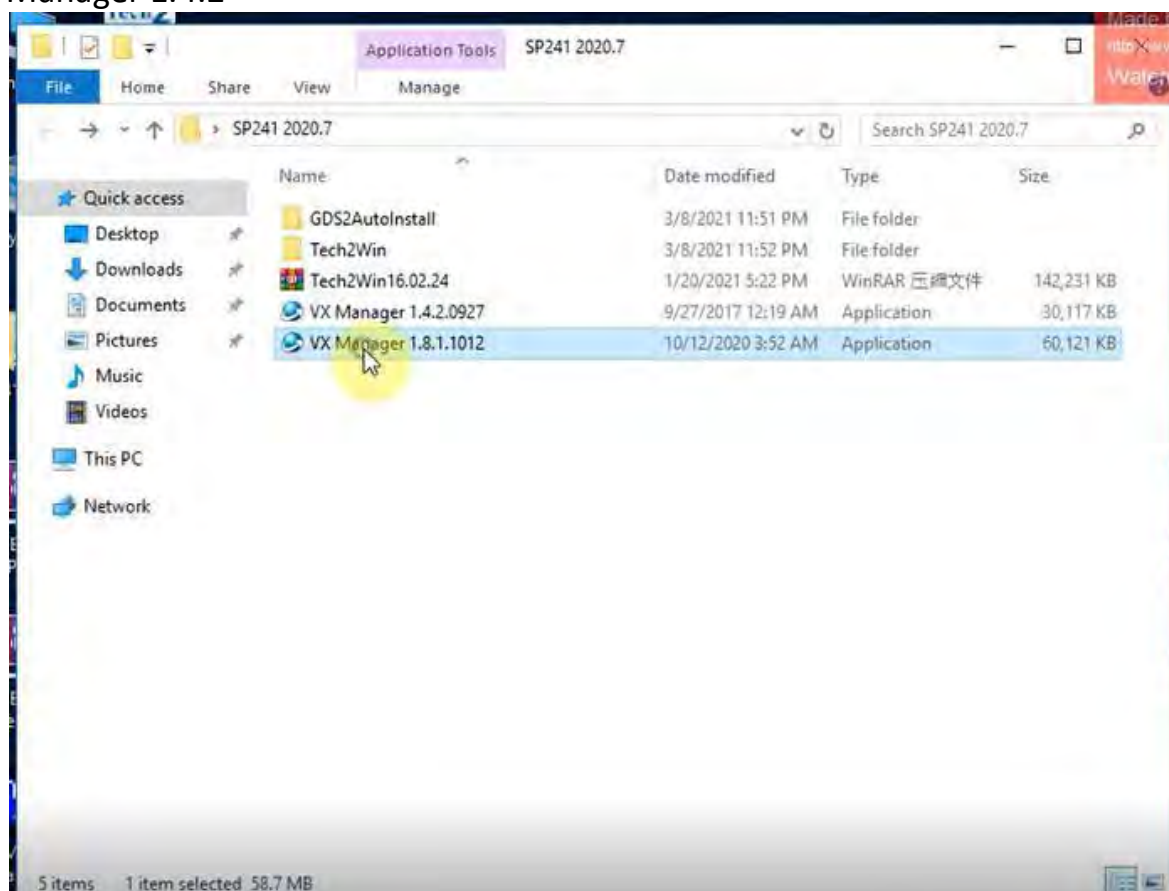Software link contains both versions of vx manager.

Select GM program to install

Application Tools   SP241 2020.7

File   Home   Share   View   Manage

> SP241 2020.7 >   ⌄ ⟳   Search SP241 2020.7

Name	Date modified	Type	Size
GDS2AutoInstall	3/8/2021 11:51 PM	File folder	
Tech2Win	3/8/2021 11:52 PM	File folder	
Tech2Win16.02.24	1/20/2021 5:22 PM	WinRAR 压缩文件	142,231 KB
VX Manag...		on	30,117 KB
VX Manag...		on	60,121 KB

Quick access
Desktop
Downloads
Documents
Pictures
Music
Videos
This PC
小白系统 (D:)
Network

Open
Run as administrator
Troubleshoot compatibility
Pin to Start
Scan with Windows Defender...
Share with   >
添加到压缩文件(A)...
添加到 "VX Manager 1.4.2.0927.rar"(T)
压缩并 E-mail...
压缩到 "VX Manager 1.4.2.0927.rar" 并 E-mail
Pin to taskbar
Restore previous versions
Send to   >
Cut
Copy
Paste
Create shortcut
Delete
Rename
Properties

5 items   1 item selected 29.4 MB

Application Tools   SP241 2020.7

File   Home   Share   View   Manage

> SP241 2020.7 >   ⌄ ⟳   Search SP241 2020.7

Quick access
Desktop
Downloads
Documents
Pictures
Music
Videos
This PC
Network

Name	Date modified	Type	Size
GDS2AutoInstall	3/8/2021 11:51 PM	File folder	

Setup - VX Manager

Select Components
Which components should be installed?

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

☐ 1 - PASSTHRU
☐ 2 - HONDA
☐ 3 - TOYOTA
☐ 4 - JLR
☐ 5 - SUBARU
☐ 7 - FORD
☐ 8 - PORSCHE
☑ 9 - GM
☐ 10 - VW
☐ 11 - BENZ

Current selection requires at least 62.4 MB of disk space.

< Back   Next >   Cancel

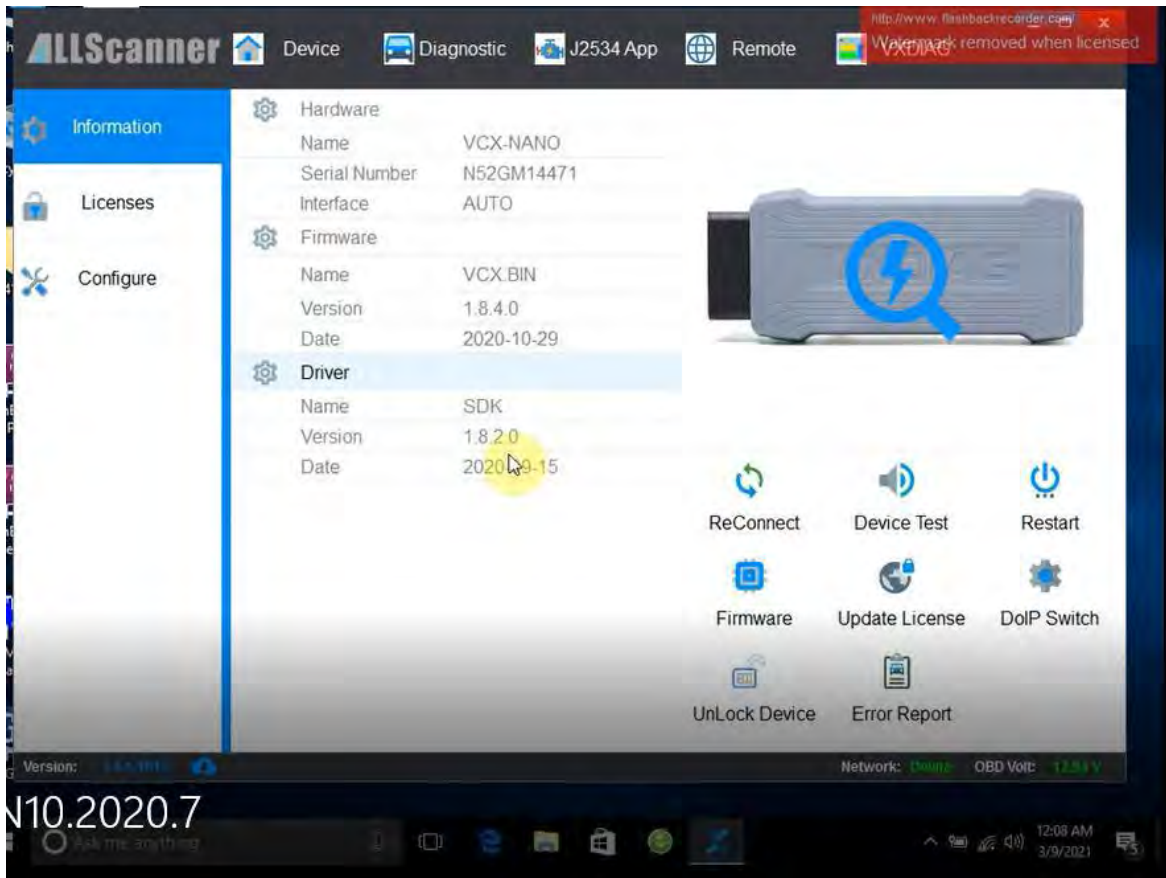5 items   1 item selected 29.4 MB

www.vxdiagshop.com

Install latest version VX Manager 1.8.1, exactly same step as you install VX
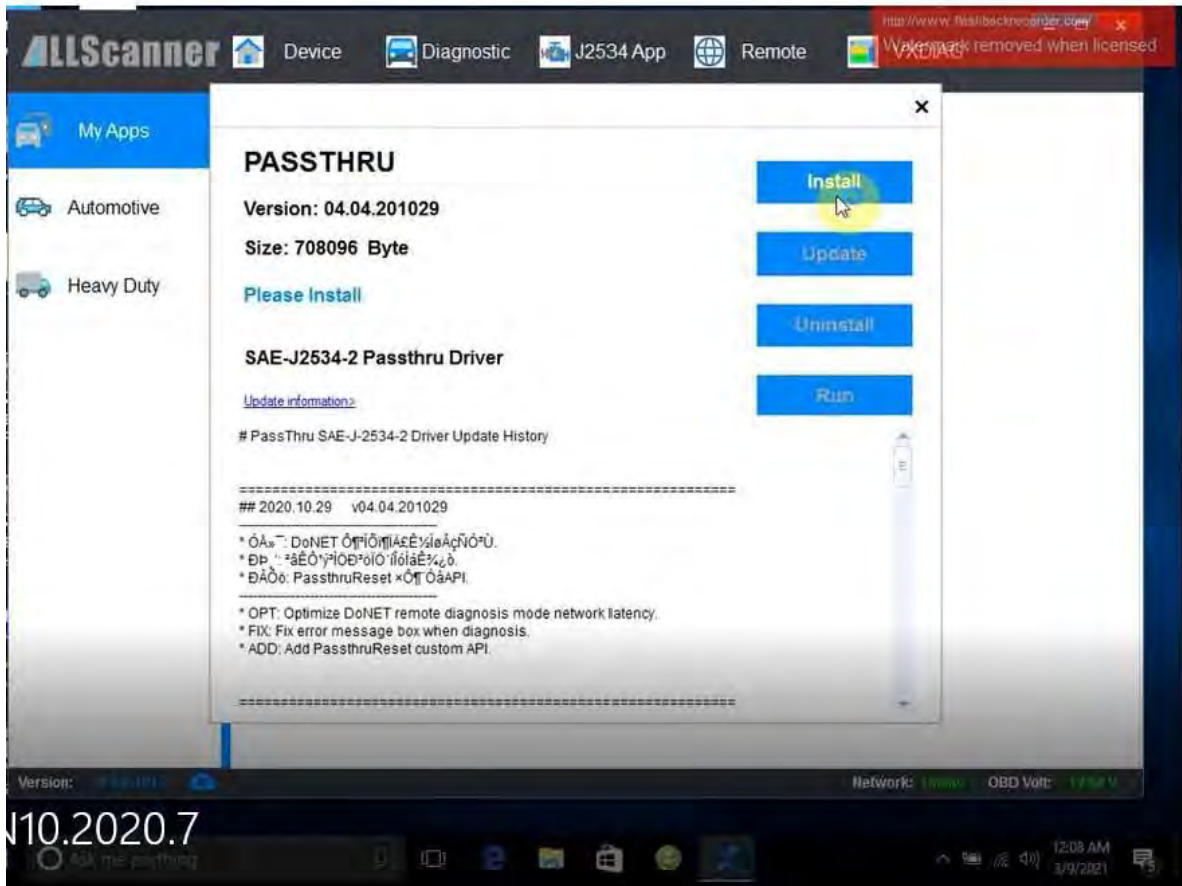
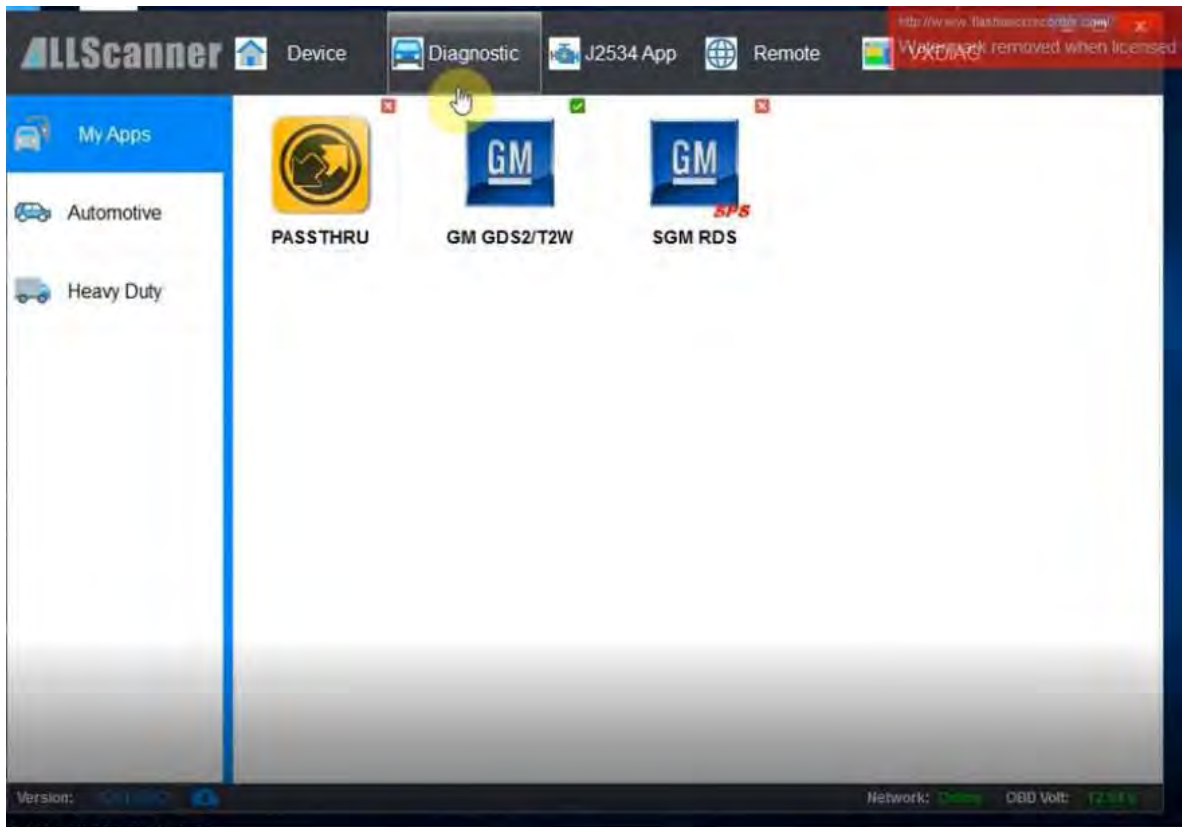Manager 1.4.2

4. Start the VX Manager.

Make sure you your computer network is good. Connect your device by USB cable to computer
and OBD2 Socket to your ECU Bench connector or Your car's OBD2 Port.
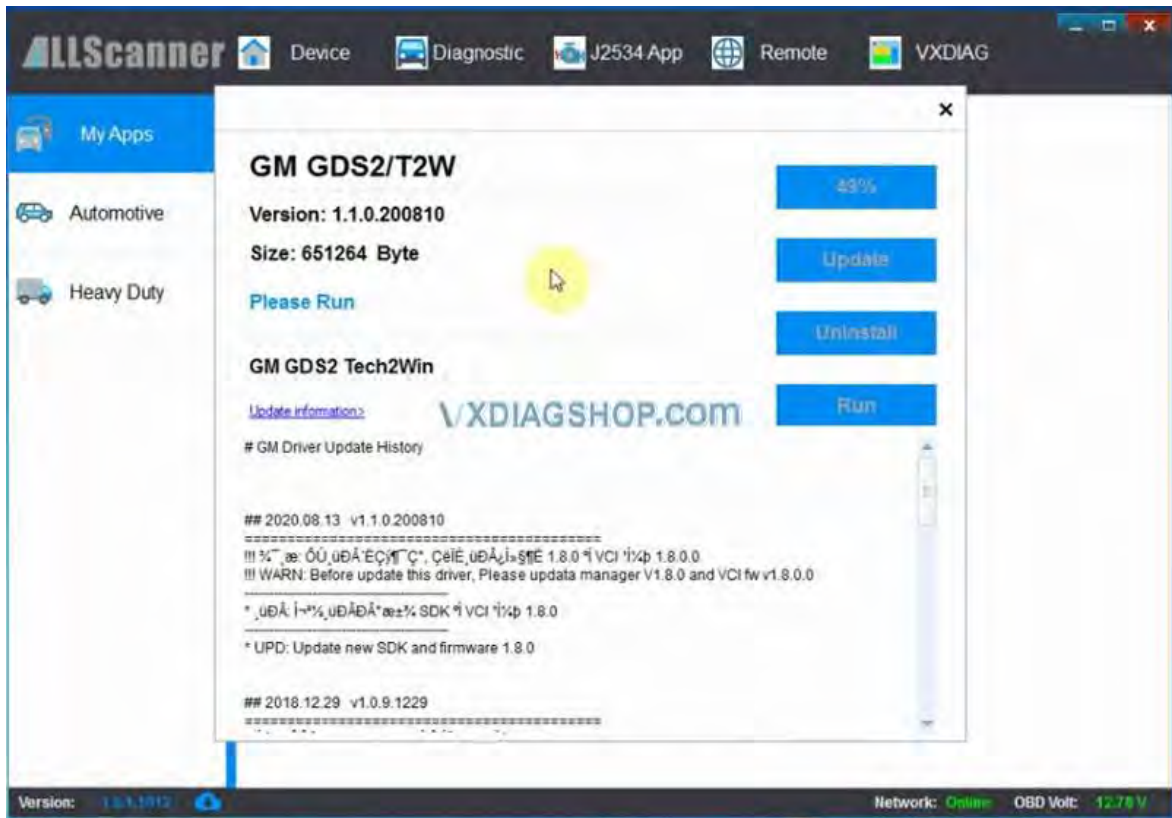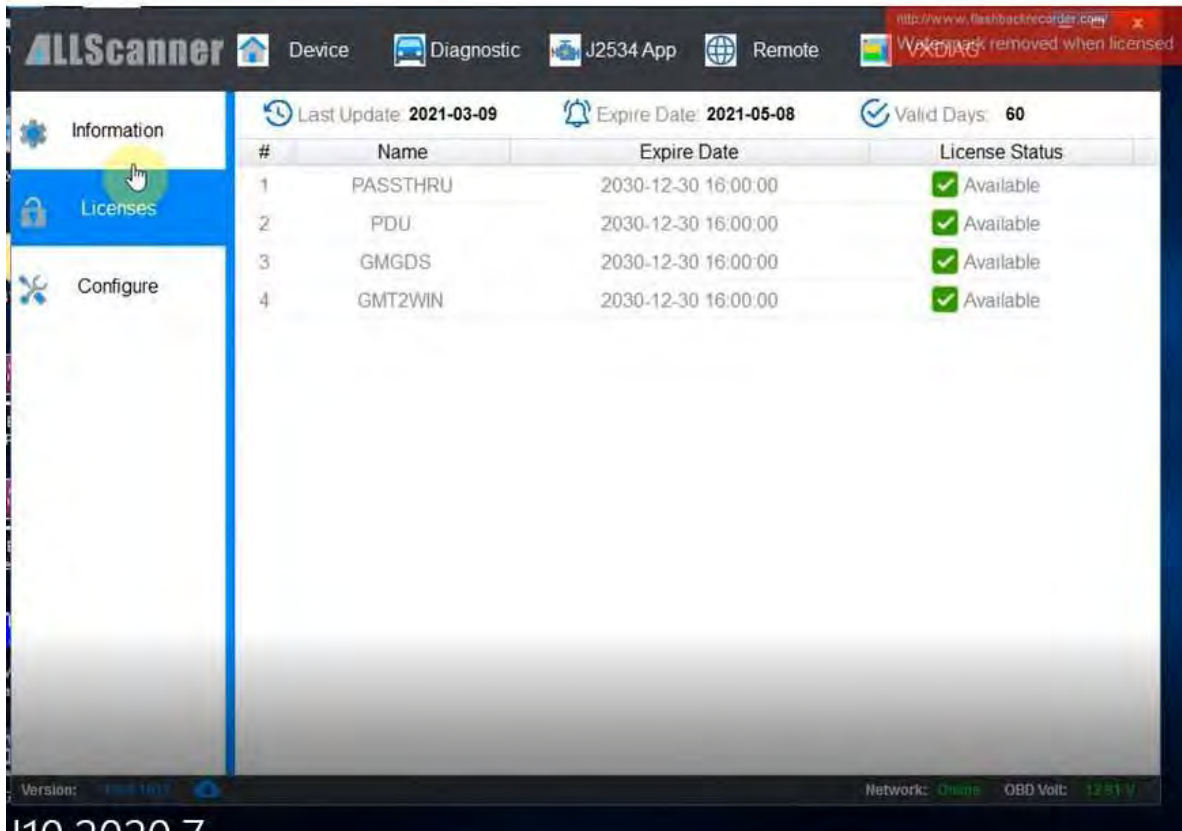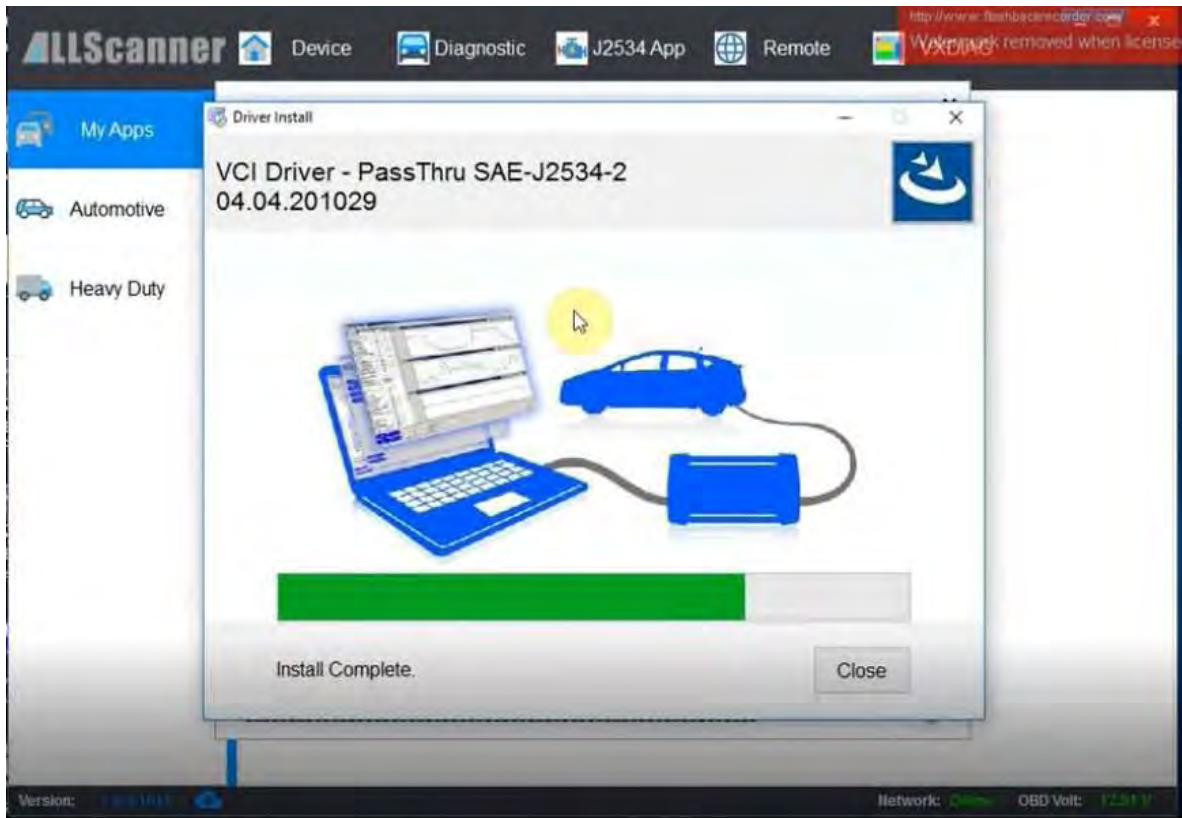

Go to Diagnostic Tab
Install Passthru and GM GDS2/T2W driver

ALLScanner | Device | Diagnostic | J2534 App | Remote

My Apps
Automotive
Heavy Duty

PASSTHRU   GM GDS2/T2W   SGM RDS

Version: Network: OBD Volt:

ALLScanner | Device | Diagnostic | J2534 App | Remote

My Apps
Automotive
Heavy Duty

PASSTHRU   ✕

Version: 04.04.201029

Size: 708096 Byte

Please Install

SAE-J2534-2 Passthru Driver

Update information>

PassThru SAE-J-2534-2 Driver Update History

==
2020.10.29   v04.04.201029

* ÓÀ»⁻: DoNET Ô¶Ïõ¶ÏÄ£Ê¼løÅ¿ÑÓ²Ù.
* ÐÞ⁻ʰ²åÊÓ⁻Y²ÏÕÐ²ôÍÒ¨Ïólâʾ¾¿ò.
* ÐÀÒò: PassthruReset ×Ö¶ÓâAPI.
----
* OPT: Optimize DoNET remote diagnosis mode network liatency.
* FIX: Fix error message box when diagnosis.
* ADD: Add PassthruReset custom API.

==

Install
Update
Uninstall
Run

Version: Network: OBD Volt:

N10.2020.7

12:08 AM
3/9/2021
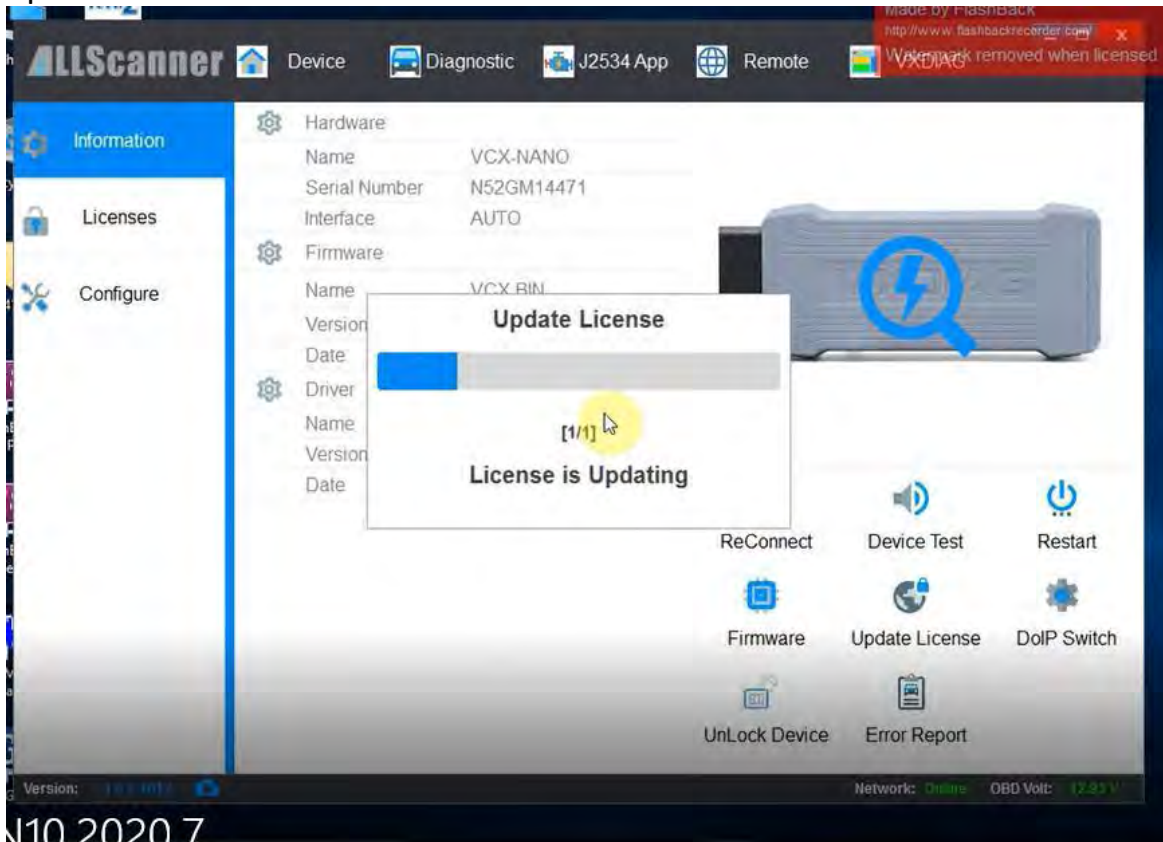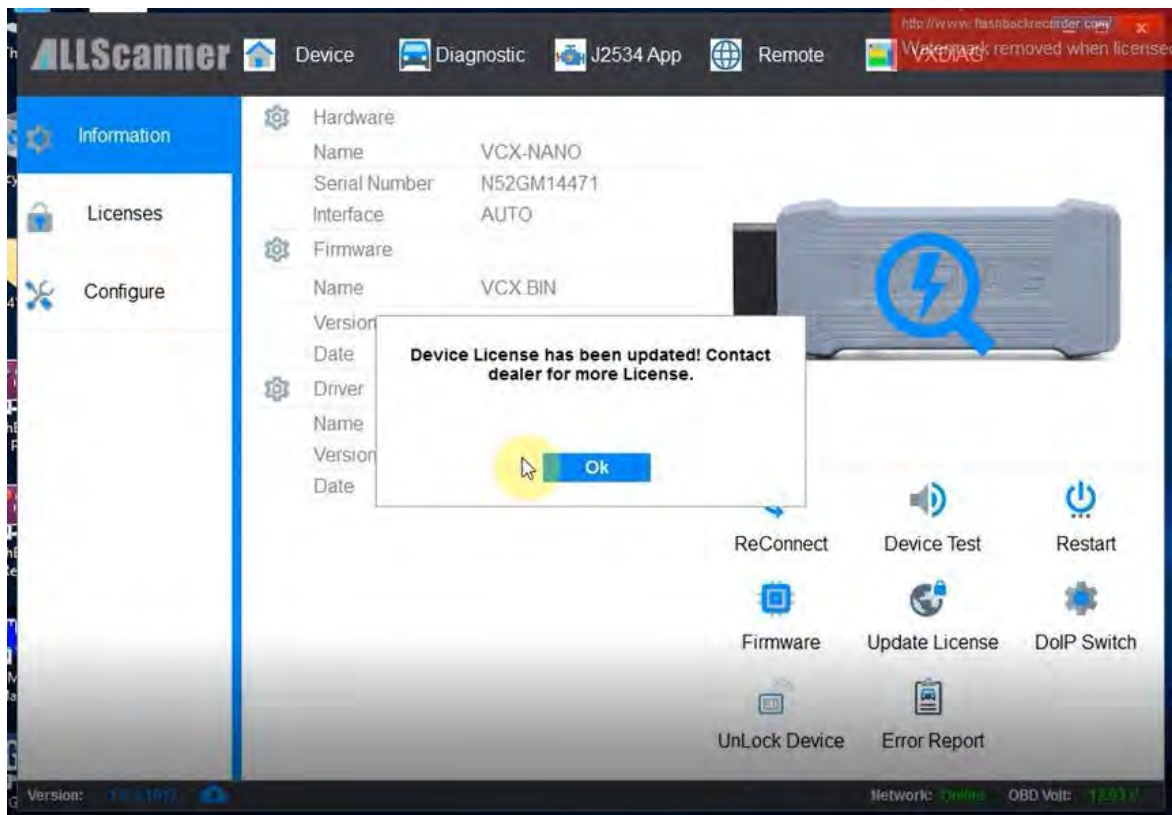
Check your device license. If your license expired, download latest vx manager and update firmware & license to renew. Check detail in Part III.
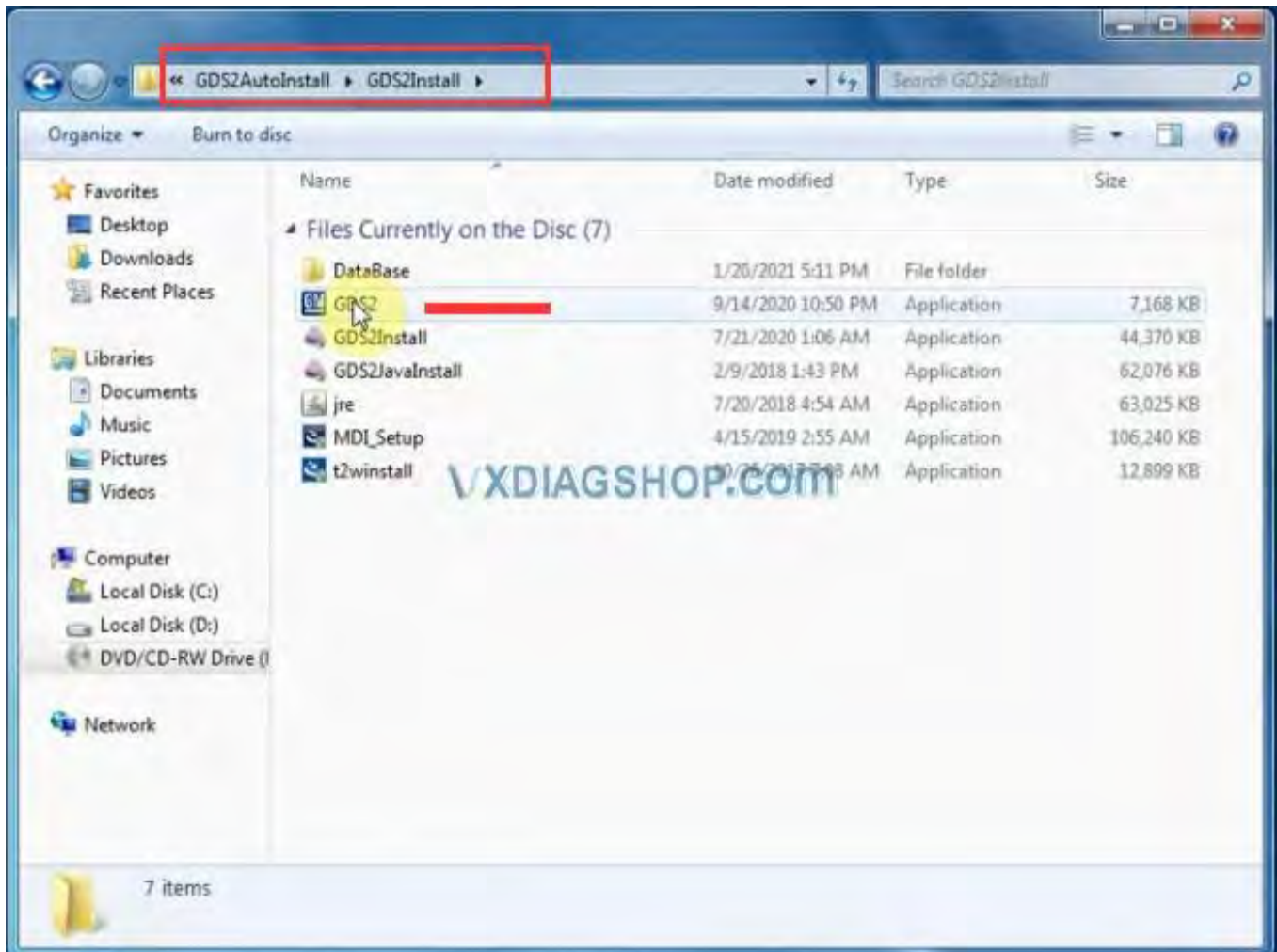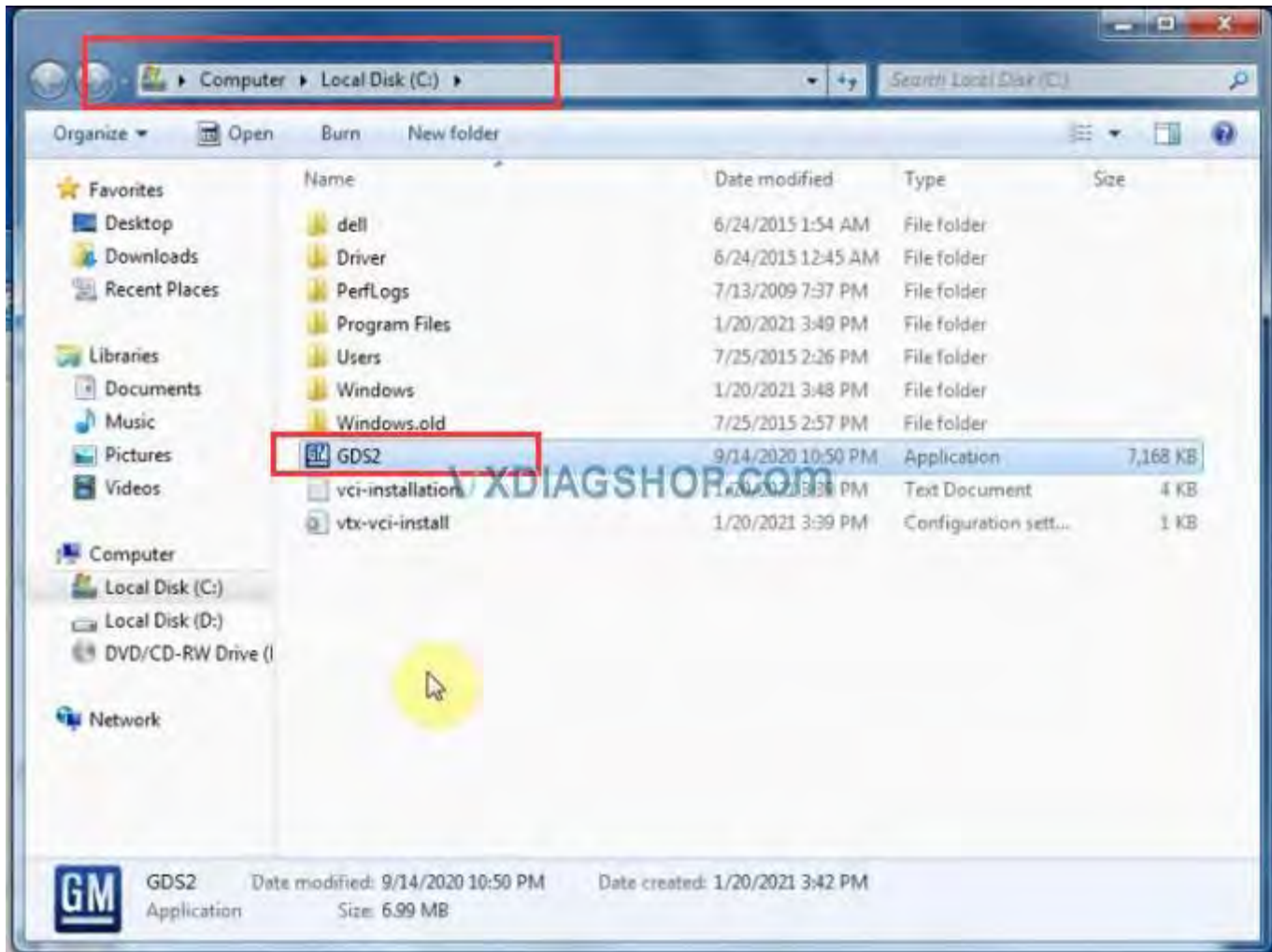
Update firmware.

N10 2020 7

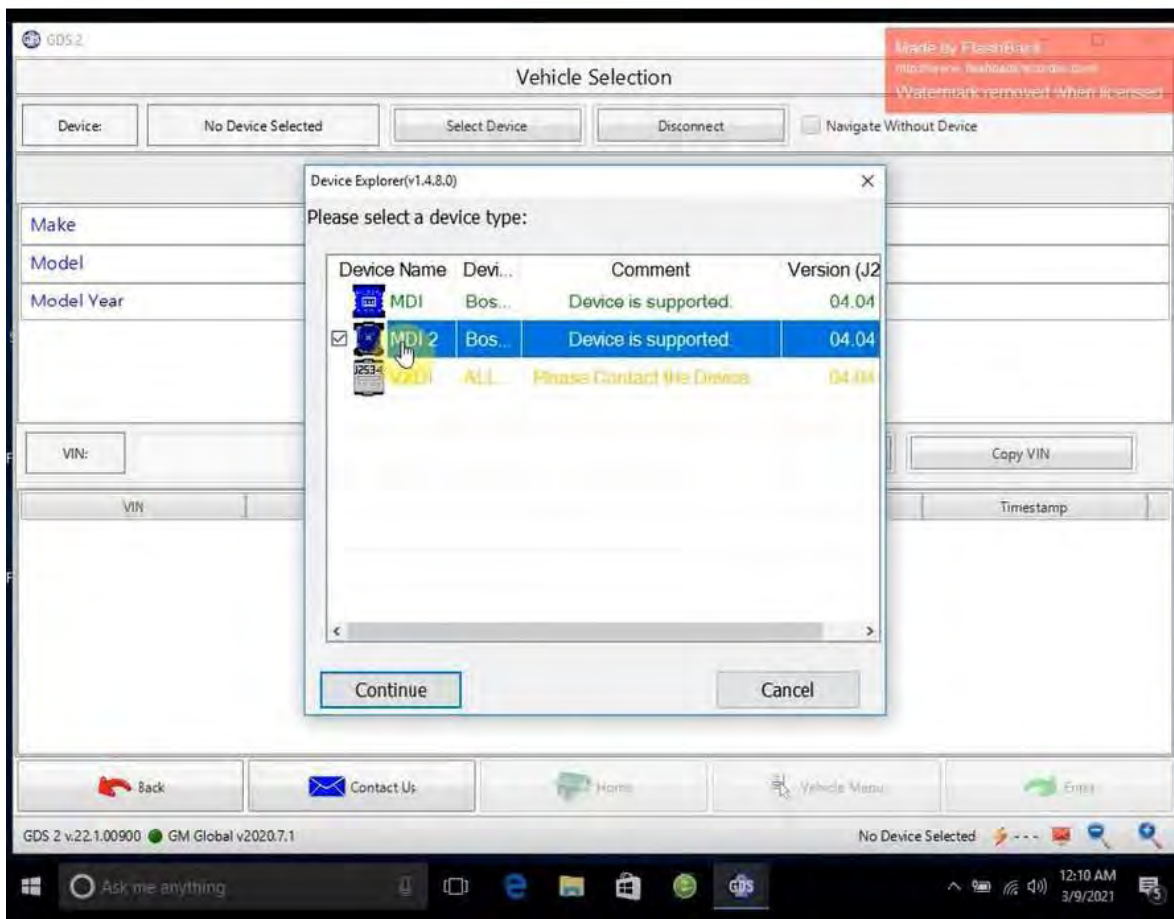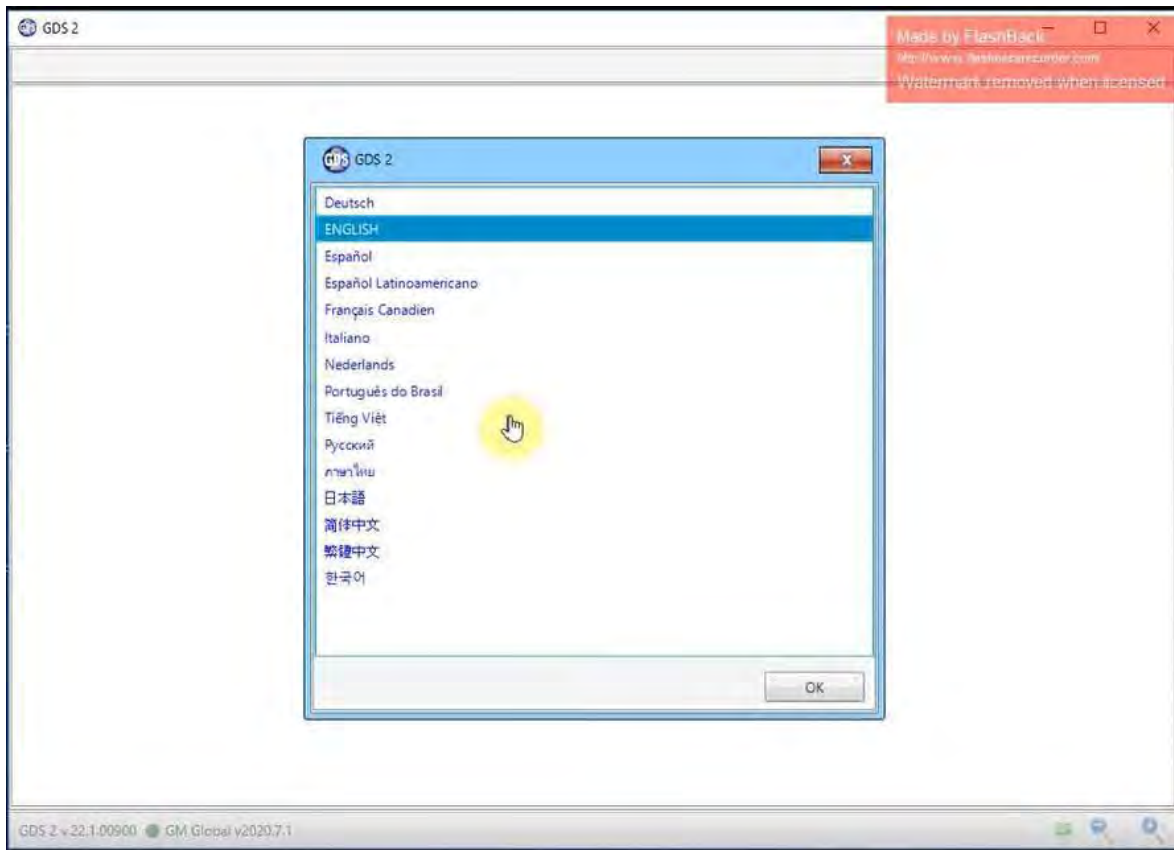Update license.

Open **GDS2AutoInstall** folder
Open **GDS2Install** folder
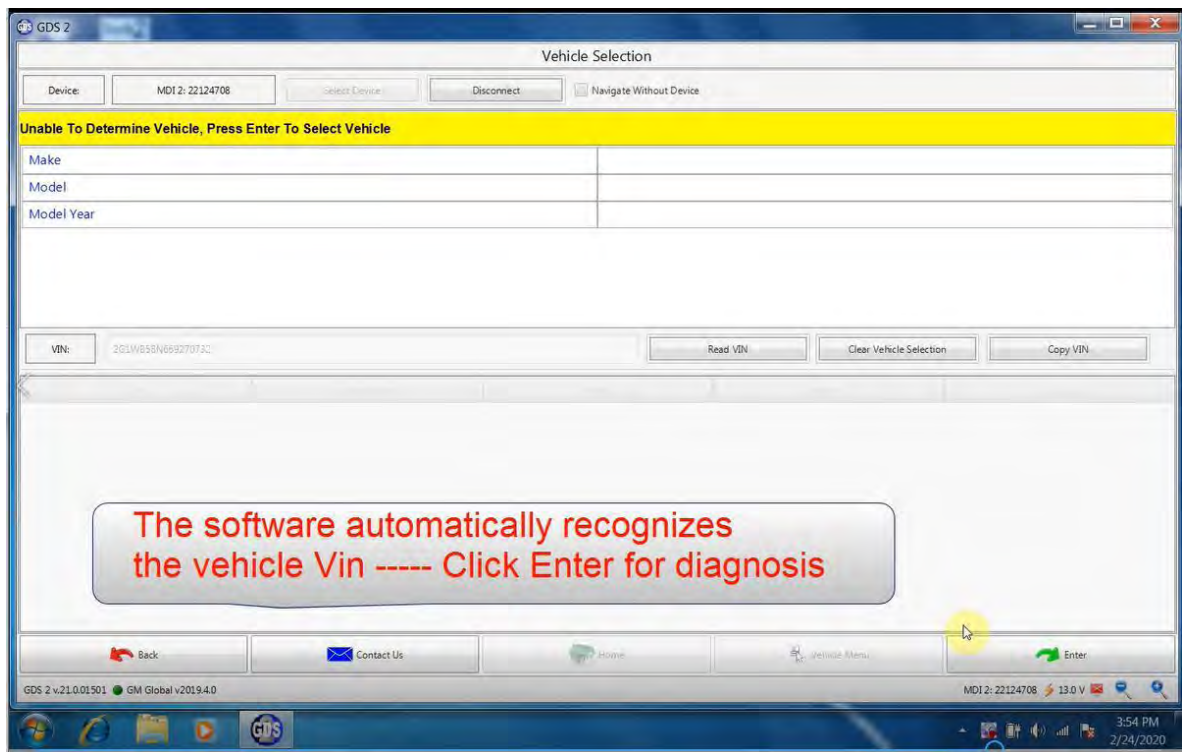Copy, paste and replace **GDS2.exe** from GDS2Install folder to Local Disk C:
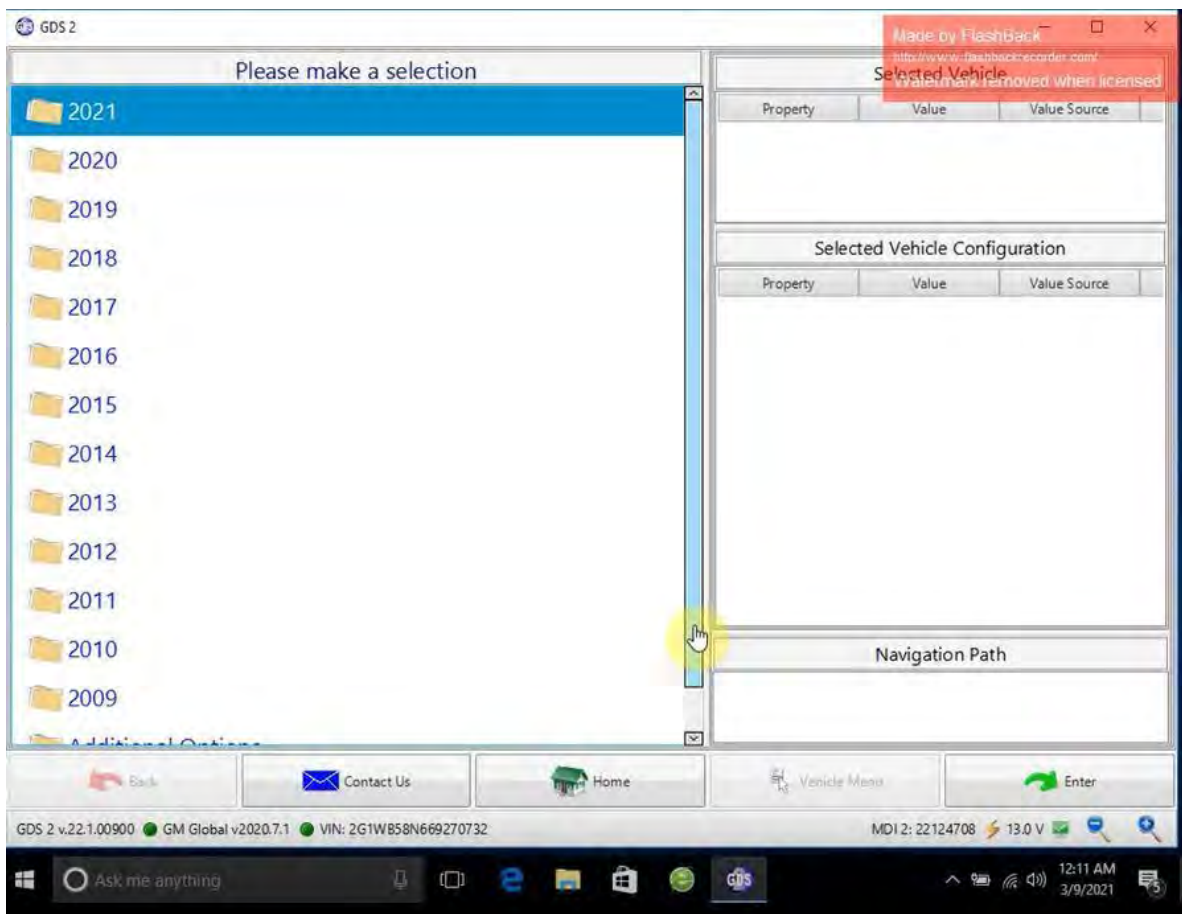
Then run GDS2 on C://
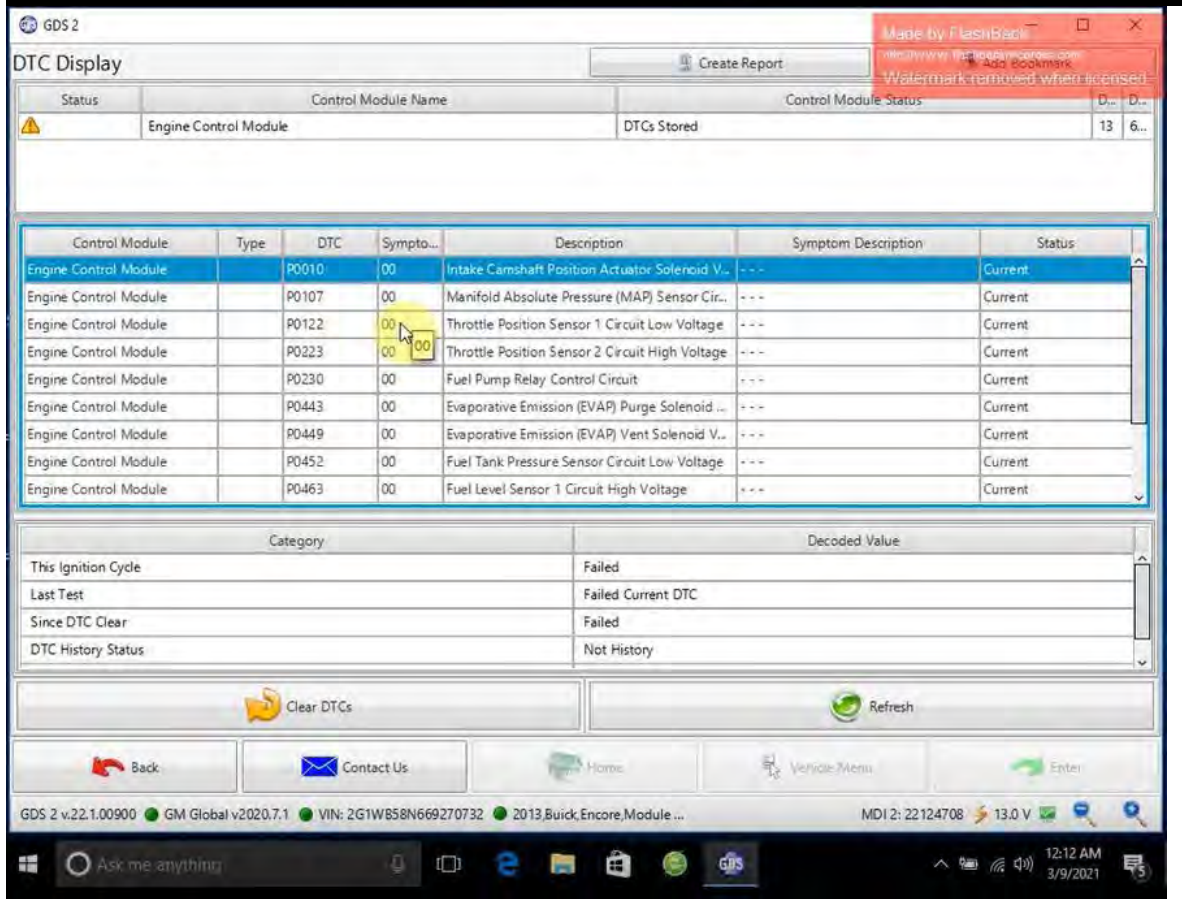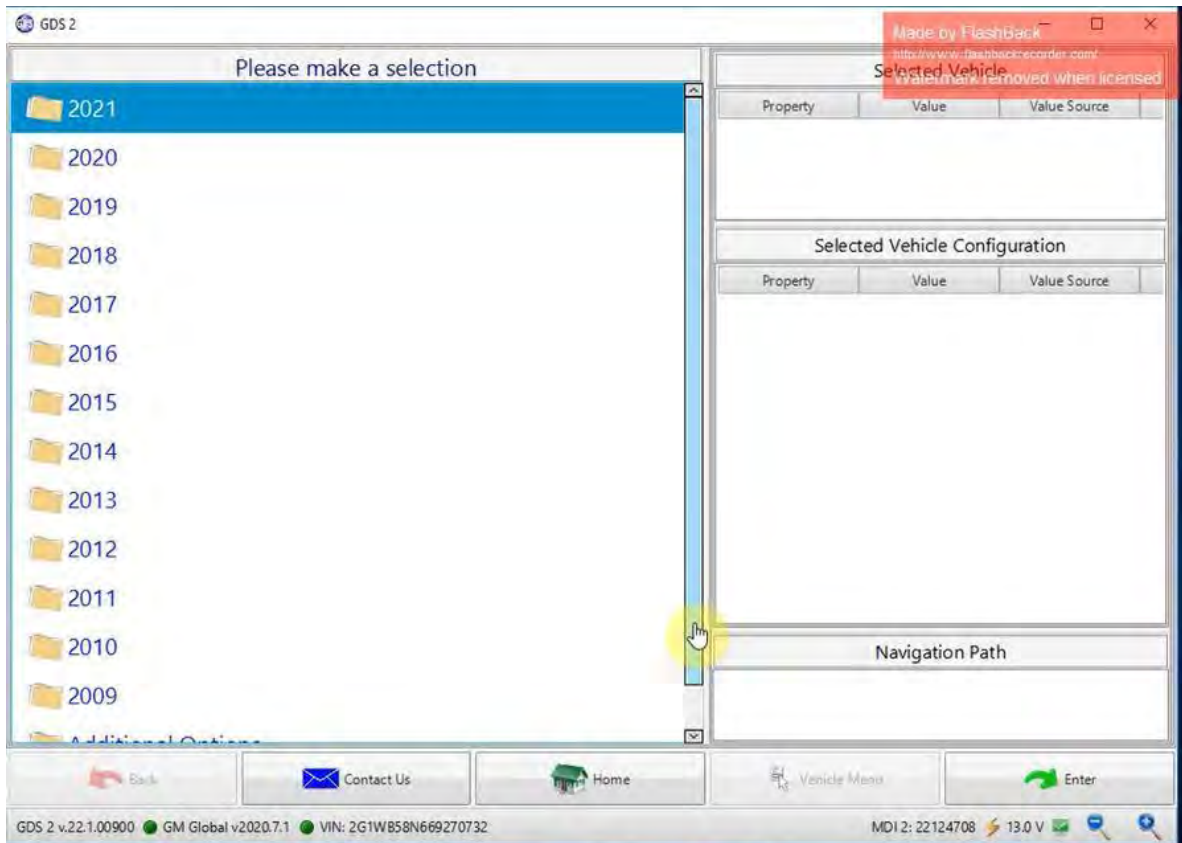
Select GDS2 language and device type: MDI 2

You can start test the car.

GDS 2

Please make a selection

- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011
- 2010
- 2009
- Additional Options

Selected Vehicle

Property	Value	Value Source

Selected Vehicle Configuration

Property	Value	Value Source

Navigation Path

Back	Contact Us	Home	Vehicle Menu	Enter

GDS 2 v.22.1.00900 ● GM Global v2020.7.1 ● VIN: 2G1WB58N669270732   MDI 2: 22124708 ⚡ 13.0 V

Ask me anything   12:11 AM 3/9/2021

GDS 2

DTC Display

Create Report

Status	Control Module Name	Control Module Status	D...	D...
⚠	Engine Control Module	DTCs Stored	13	6...

Control Module	Type	DTC	Sympto...	Description	Symptom Description	Status
Engine Control Module		P0010	00	Intake Camshaft Position Actuator Solenoid V...	- - -	Current
Engine Control Module		P0107	00	Manifold Absolute Pressure (MAP) Sensor Cir...	- - -	Current
Engine Control Module		P0122	00	Throttle Position Sensor 1 Circuit Low Voltage	- - -	Current
Engine Control Module		P0223	00	Throttle Position Sensor 2 Circuit High Voltage	- - -	Current
Engine Control Module		P0230	00	Fuel Pump Relay Control Circuit	- - -	Current
Engine Control Module		P0443	00	Evaporative Emission (EVAP) Purge Solenoid ...	- - -	Current
Engine Control Module		P0449	00	Evaporative Emission (EVAP) Vent Solenoid V...	- - -	Current
Engine Control Module		P0452	00	Fuel Tank Pressure Sensor Circuit Low Voltage	- - -	Current
Engine Control Module		P0463	00	Fuel Level Sensor 1 Circuit High Voltage	- - -	Current

Category	Decoded Value
This Ignition Cycle	Failed
Last Test	Failed Current DTC
Since DTC Clear	Failed
DTC History Status	Not History

Clear DTCs	Refresh

Back	Contact Us	Home	Vehicle Menu	Enter

GDS 2 v.22.1.00900 ● GM Global v2020.7.1 ● VIN: 2G1WB58N669270732 ● 2013,Buick,Encore,Module ...   MDI 2: 22124708 ⚡ 13.0 V

Ask me anything   12:12 AM 3/9/2021

Run Tech2Win on desktop

www.vxdiagshop.com

Tech2win Display:

Run Tech2win------select [North American]

www.vxdiagshop.com
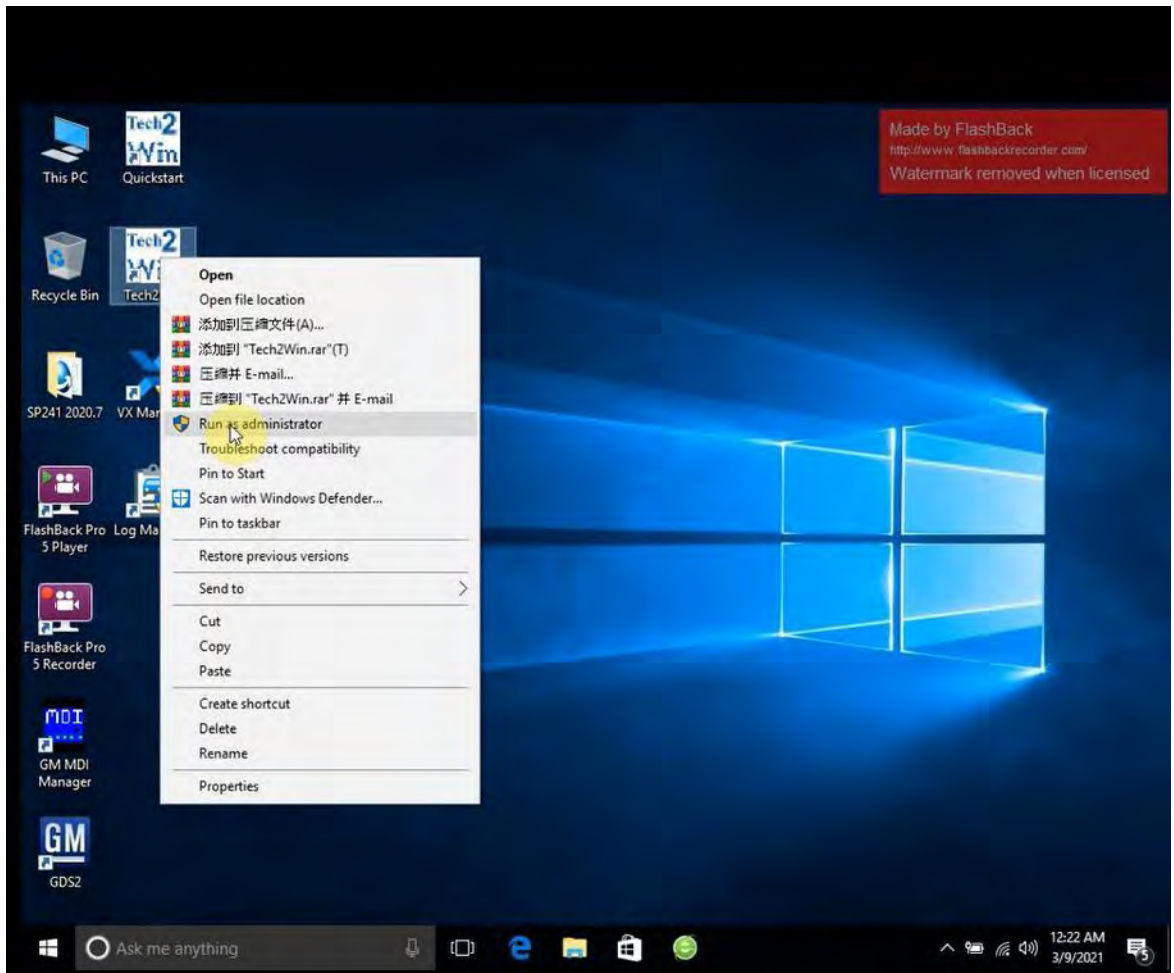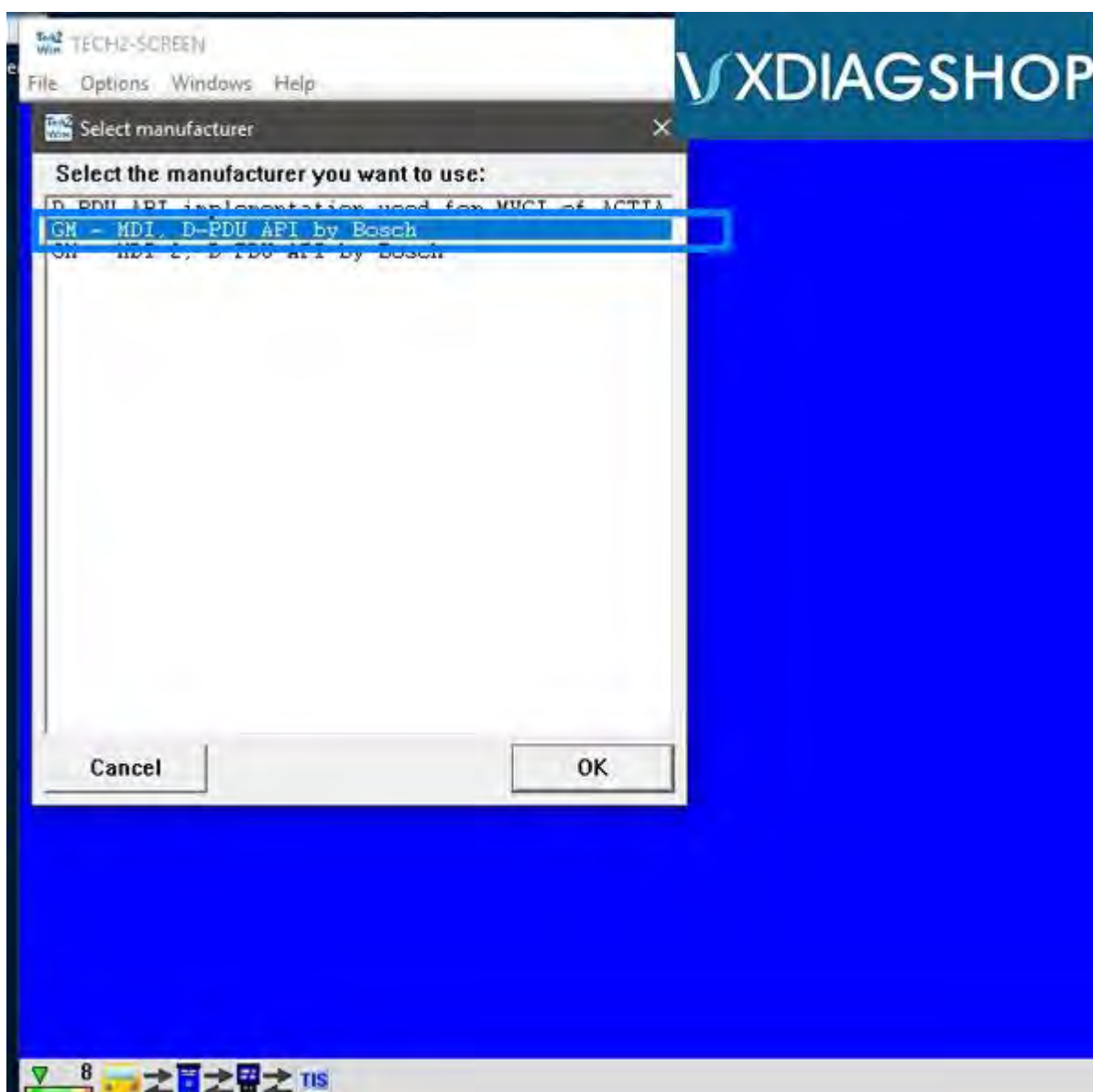
Right when the software starts, the Tech2Win-Configurator will pop up and ask you to choose which configuration you'd like. This would be based on your region or type of vehicle you're diagnosing. In our example, we choose [North America]. Based on your region, there will be different models available from the vehicle selection menu.
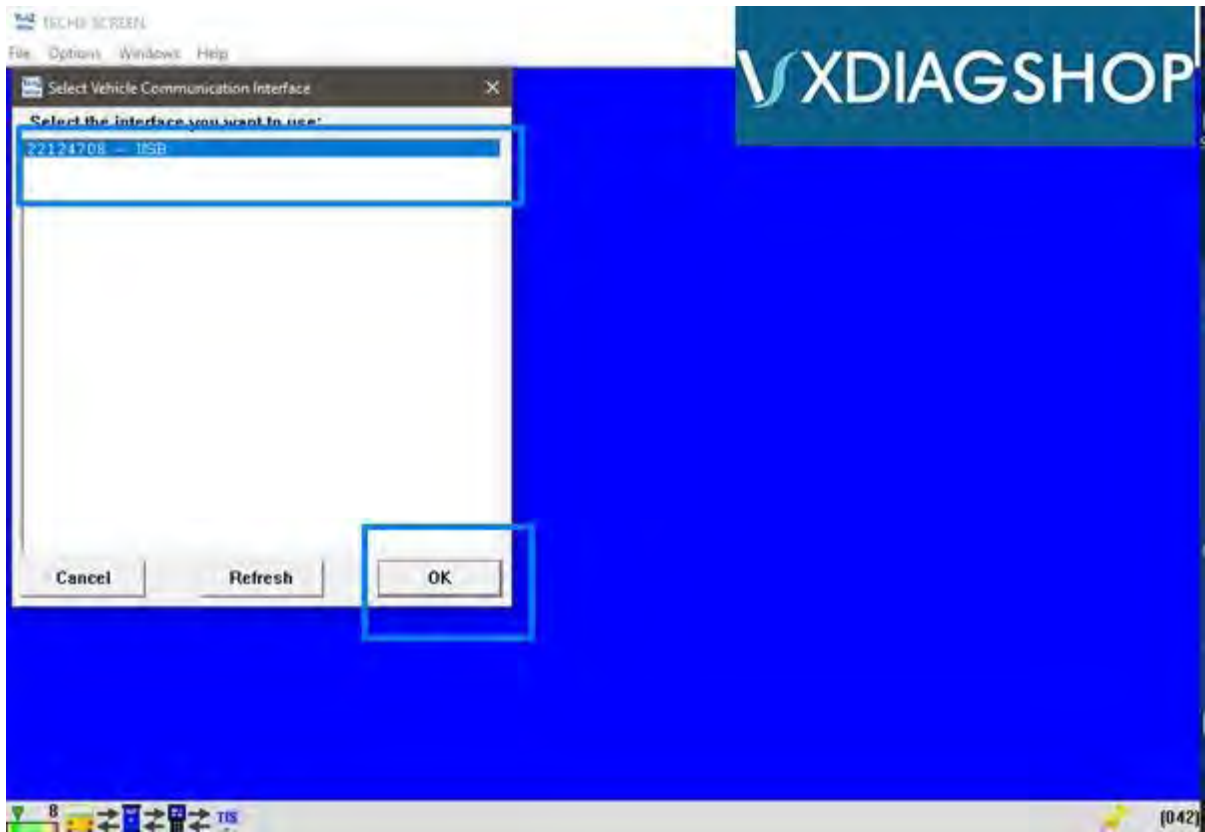
A box will pop up asking you to select the manufacturer or interface you'd like to use. The interfaces available will vary based on other types of diagnostic software you may have installed.
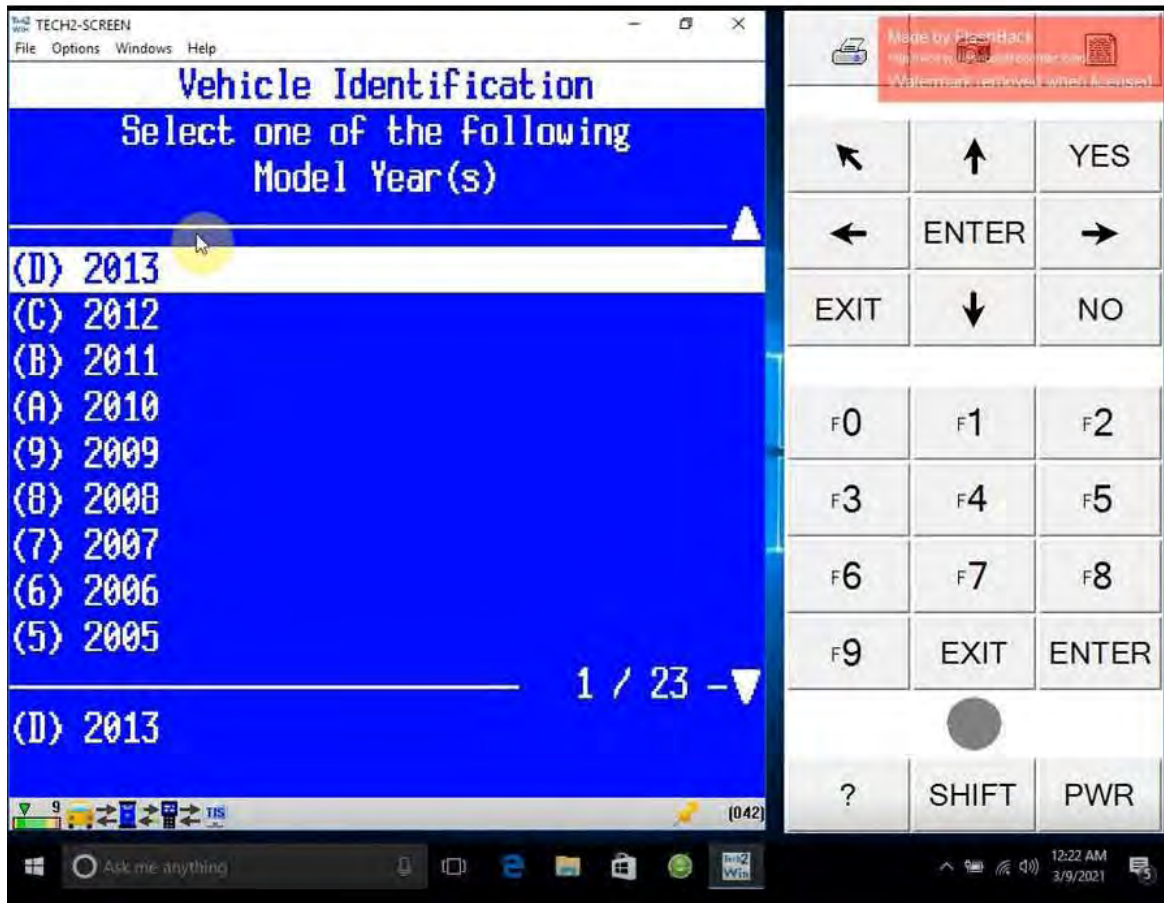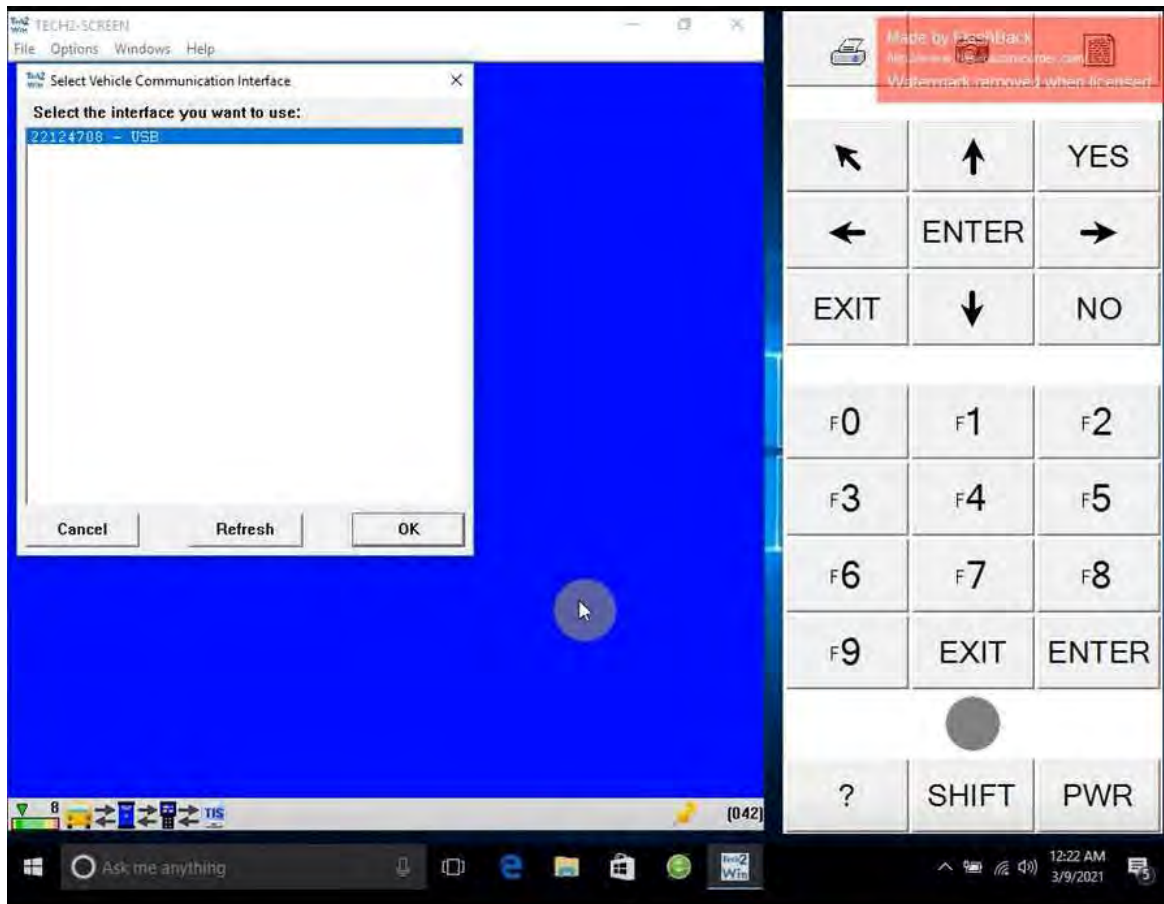
Select **[GM – MDI, D-PDU API ny Bosch]**
Then Select the interface **[22124708 – USB]** and click **[OK]**
The software will start to load and then show you the main menu. Press [Enter] to continue.
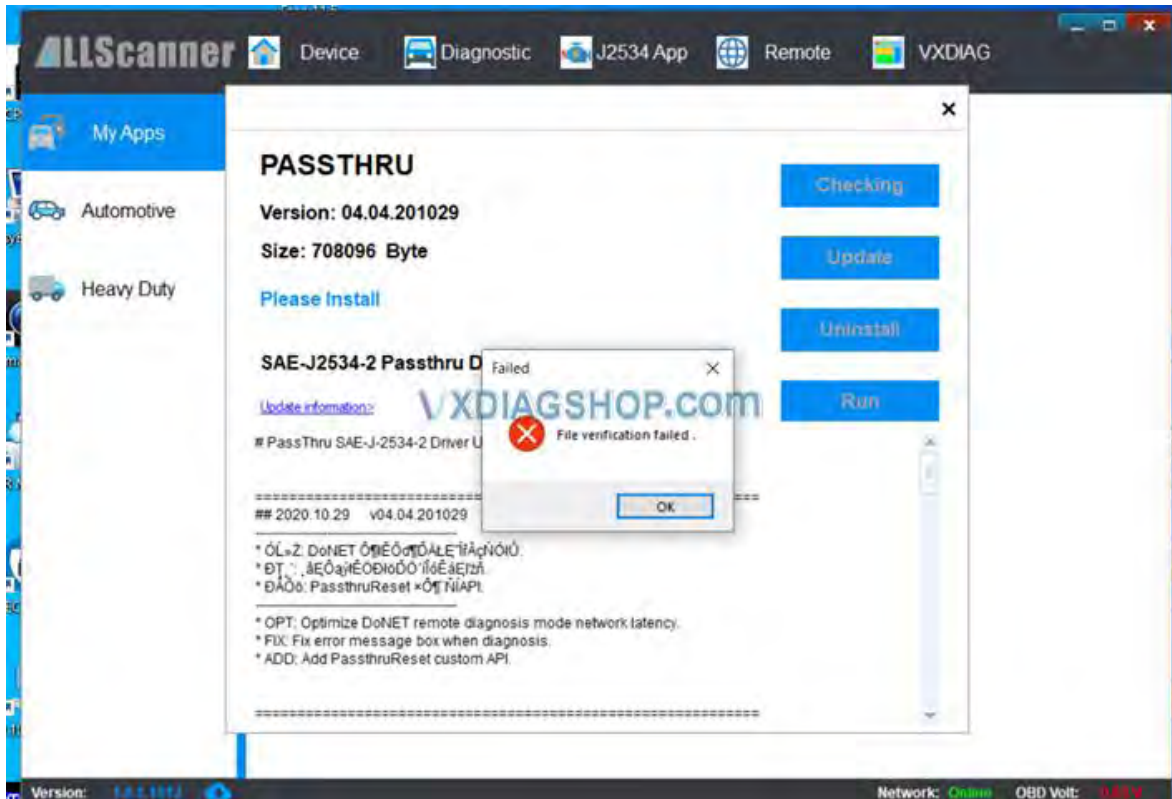
Screen 1

TECH2-SCREEN
File   Options   Windows   Help

Select Vehicle Communication Interface   ✕

Select the interface you want to use:

22124708 – USB

Cancel   Refresh   OK

(042)

Keypad: YES, ENTER, EXIT, NO, F0, F1, F2, F3, F4, F5, F6, F7, F8, F9, EXIT, ENTER, ?, SHIFT, PWR

12:22 AM
3/9/2021

Screen 2

TECH2-SCREEN
File   Options   Windows   Help

Vehicle Identification
Select one of the following Model Year(s)

(D) 2013
(C) 2012
(B) 2011
(A) 2010
(9) 2009
(8) 2008
(7) 2007
(6) 2006
(5) 2005

1 / 23

(D) 2013

(042)

Keypad: YES, ENTER, EXIT, NO, F0, F1, F2, F3, F4, F5, F6, F7, F8, F9, EXIT, ENTER, ?, SHIFT, PWR

12:22 AM
3/9/2021

Common Errors & Solutions

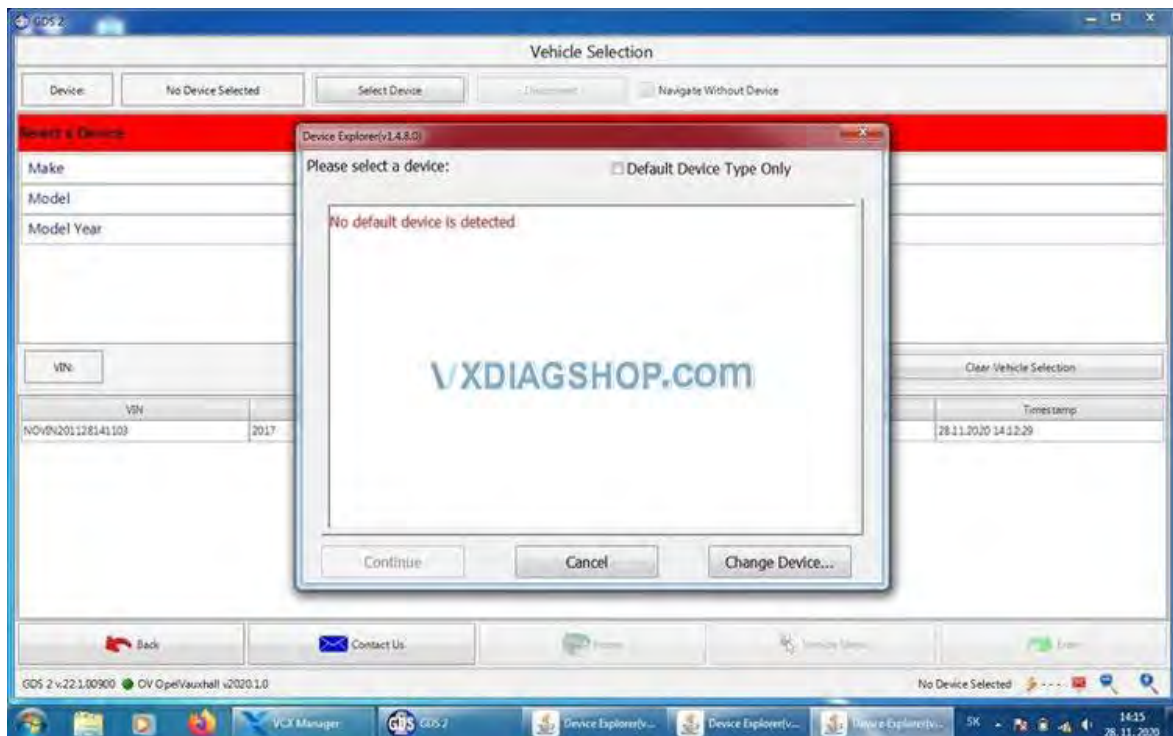1. "**File Verification Failed**"

Solution:

You did not install GM VCI driver.

GM VCI Driver can be downloaded here for free:

mega.nz/file/7ExUTB4T#w7DFUvy8xFEBM7QcvJiHLrXExMrmEI8-Oo2WKGsDkKc

Install driver and run again.

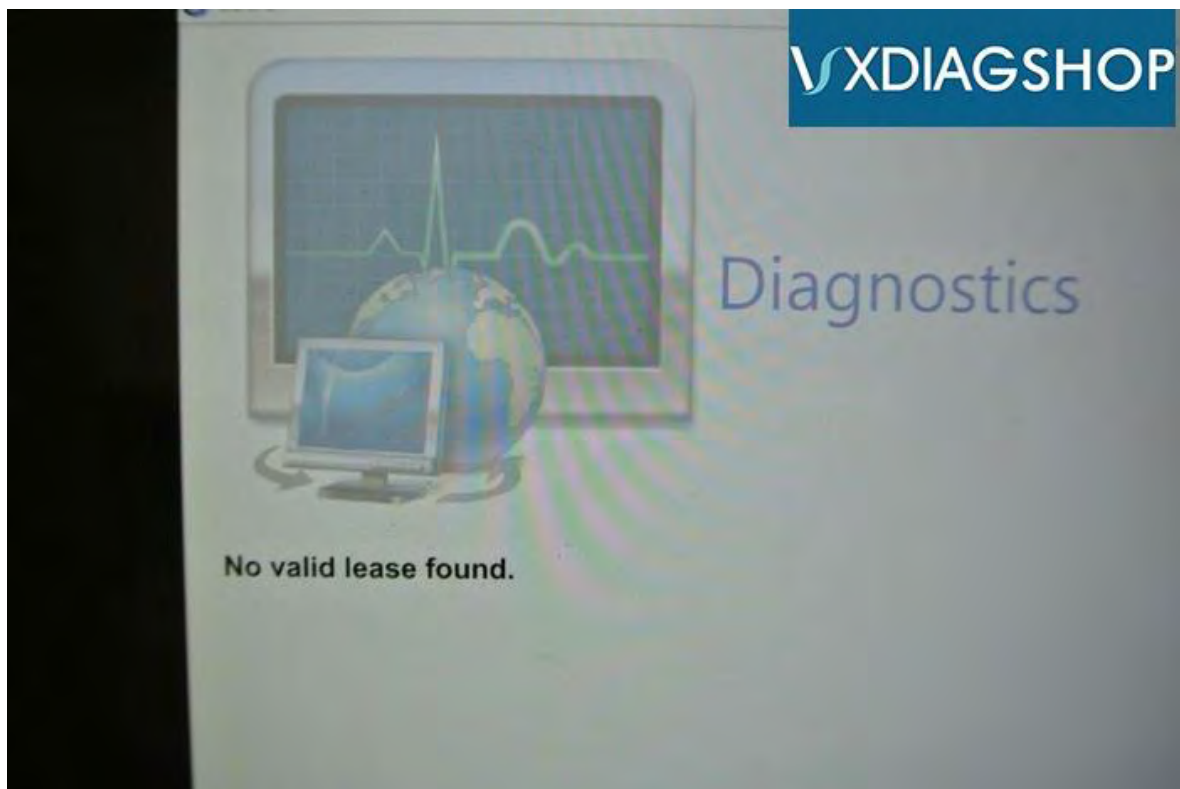2. "**No Default Device Detected**"

Solution:

The GDS2 driver was not installed properly.

Run VX manager, open Diagnostic tab, install GDS2/T2W driver.

Also check license, if license has expired, renew license.

3. "no valid lease found"

No valid lease found.

Solution:

DON'T start GDS2 software from VX Manager.

Run GDS2 from patch directly.

Download and install GDS2.exe to solve the problem.

https://mega.nz/file/ynJmEYqQ#sWEP6oZ9VMAlzE8eptMknZMDe4OcqAZHuwBxa8nA3_4

The error may also caused by computer system and storage space. So DON'T install GDS2 on Windows Home operation system (Win7 Home, Win10 Home etc) and make sure your computer system has enough storage space (4GB+).

4. Cannot Find GDS2 Software

Solution:

Similar problems have come up a few times with the installation of this vxdiag vcx nano. It's resulted from broken source files. Please re-download the software via the link in Part I and re-install it.

5. Software License Expire

Please download latest vx manager.

https://mega.nz/file/vUAGyDxS#D0VWizy3huB8nK8dtL1FIPgfhMrJGo-isxAjirSl Kjg

After download, please install the new vx manager.

Then connect device to laptop, laptop connecting network, open new vx manager, click "Firmware" to update, then click "Update license" to renew.

All would be ok.