



**VIDA MANUAL**

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**MANUAL**

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# VIDA MANUAL

## REQUIREMENTS FOR THE INSTALLATION OF VIDA SOFTWARE IN SYSTEM

### I. IF USER HAVING WINDOWS 7 PLEASE FOLLOW BELOW STEPS.

1. If user using windows 7 operating system, user has to update windows 7 properly 1st then update system into windows 7.1 using the link mentioned below.

<https://www.microsoft.com/en-us/Download/confirmation.aspx?id=8442>

if user having windows 8 or windows10 there is no need of update.

2. User has to install dot net framework 4.6.1 in system. Link for downloading dot net framework 4.6.1 is mentioned below.

<https://www.microsoft.com/en-in/download/confirmation.aspx?id=49982>

**NOTE: Use genuine windows os.**

### II. IF USER SYSTEM HAVING ANY ANTIVIRUS AT THE TIME OF INSTALLATION PLEASE DISABLE IT FOR INSTALLATION

### III. USER HAS TO RUN THE SYSTEM IN ADMINISTRATIVE MODE AT THE TIME OF INSTALLATION OF VIDA SOFTWARE

### IV. ONCE OTP IS RECEIVED AT THE MAIL ID OR MOBILE USE THE OTP FOR INSTALLATION WITHIN 30 MINUTES.

### V. System Requirement

#### Windows Edition

Windows 7.1 or higher version (Genuine).

#### System configuration

Processor- Intel®core™i3-7100U CPU @ 2.40GHZ 2.40GHZ.

Installed memory – 4.00GB.

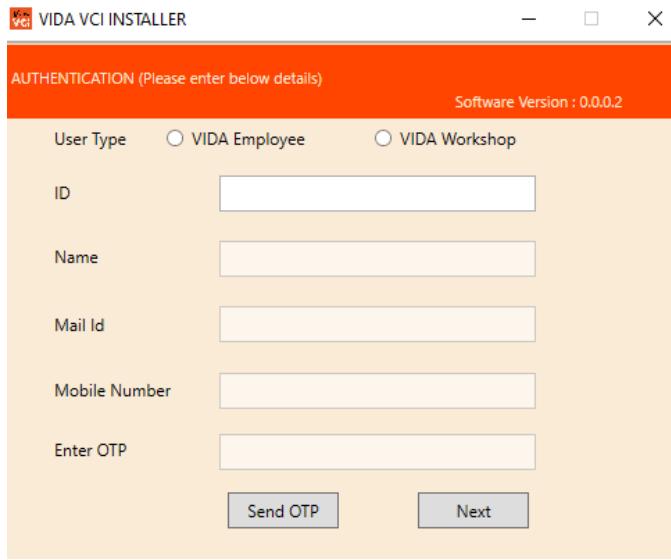
System Type - 64-bit operating system, x64-based processor.

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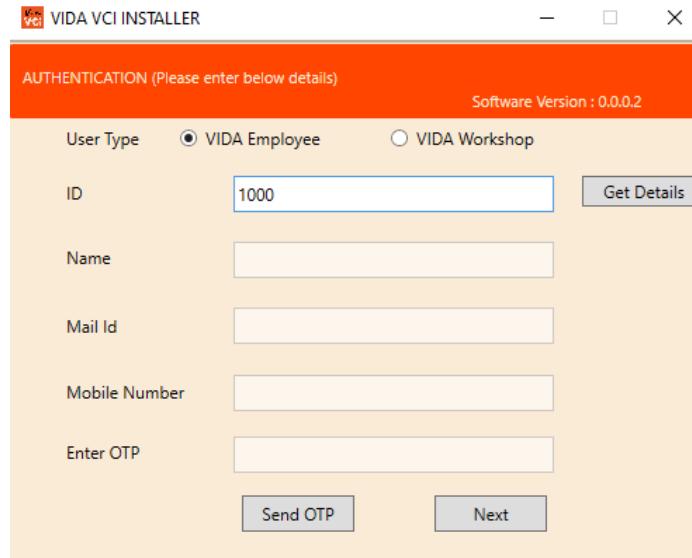
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## Set up Installation Procedure:

**Step 1:** Open VIDA Installer.EXE. A new window will open as shown below.

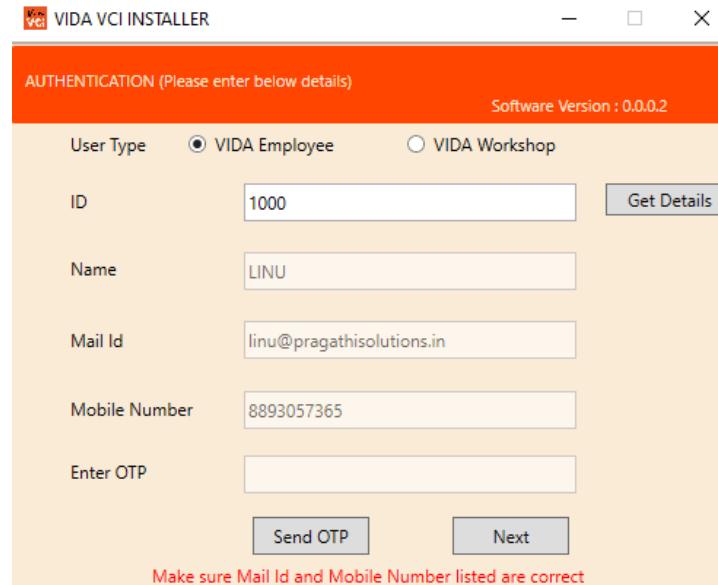


**STEP 2:** Select User Type and enter the VIDA Employee / VIDA Workshop code in “ID” field and then Select “Get Details”, Name, Mail ID and Mobile Number will fetch automatically from VIDA Server.

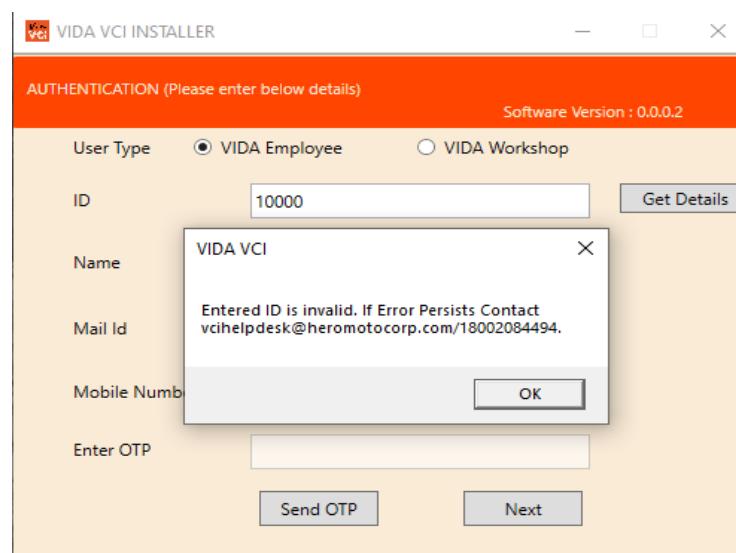


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**STEP 3:** If VIDA Employee / VIDA Workshop details are available on the Server, then details will be displayed as shown below.



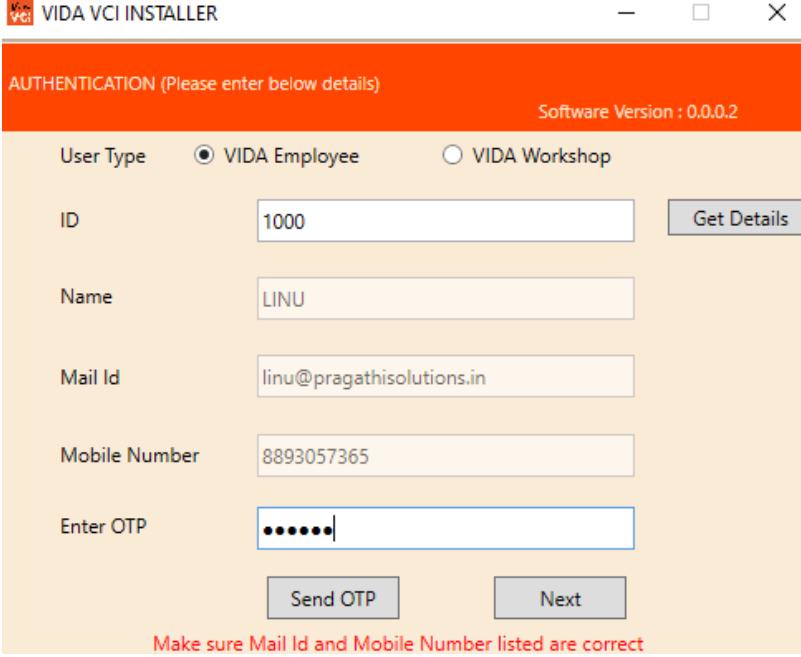
If Details are not available on the server, a message will be displayed as “Entered ID is invalid”.



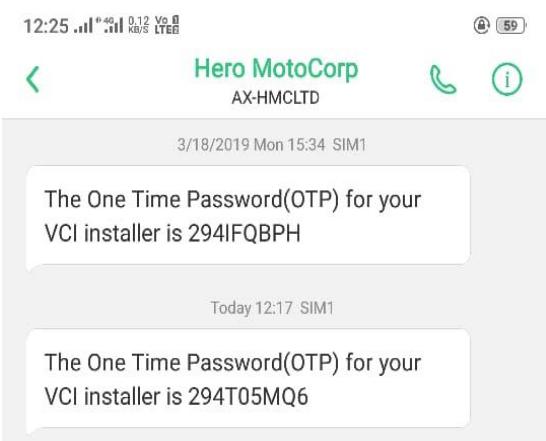
NOTE: IF above message persists, contact “VIDA Service Technical Helpdesk” for the support.

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**STEP4:** Click on “Send OTP” tab and OTP will be shared to Mail id and Mobile Number to assigned VIDA Employee / VIDA Workshop.



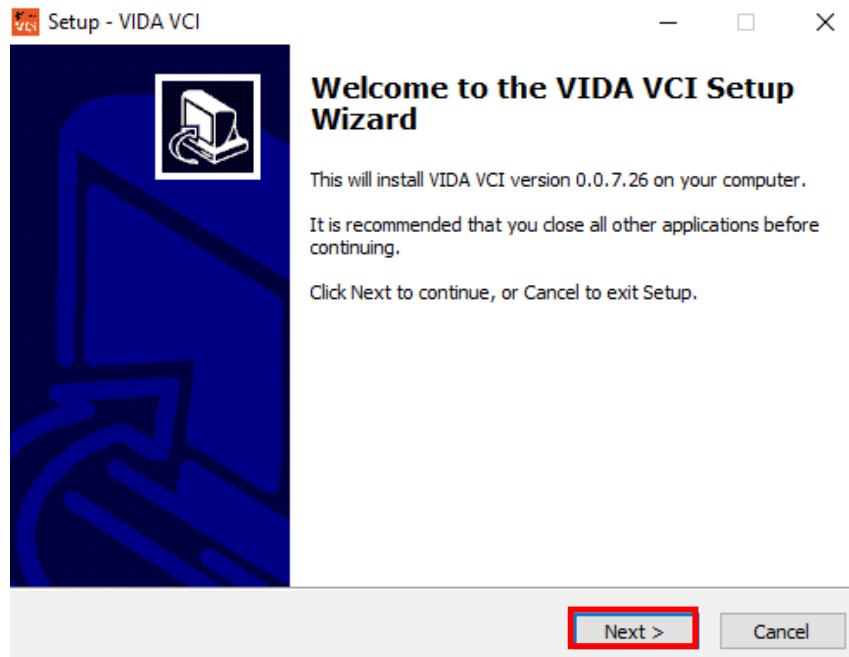
The screenshot shows the 'VIDA VCI INSTALLER' application window. It has a header bar with the title 'VIDA VCI INSTALLER' and a software version '0.0.0.2'. Below the header, there's a section for 'AUTHENTICATION (Please enter below details)'. It includes fields for 'User Type' (radio buttons for 'VIDA Employee' and 'VIDA Workshop'), 'ID' (text input '1000'), 'Name' (text input 'LINU'), 'Mail Id' (text input 'linu@pragathisolutions.in'), 'Mobile Number' (text input '8893057365'), and 'Enter OTP' (text input containing '\*\*\*\*\*'). There are two buttons at the bottom: 'Send OTP' and 'Next'. A red message at the bottom says 'Make sure Mail Id and Mobile Number listed are correct'. Below the window, a mobile phone status bar shows the time as 12:25, signal strength, battery level, and a notification for 'Hero MotoCorp AX-HMCLTD' with 59 messages.

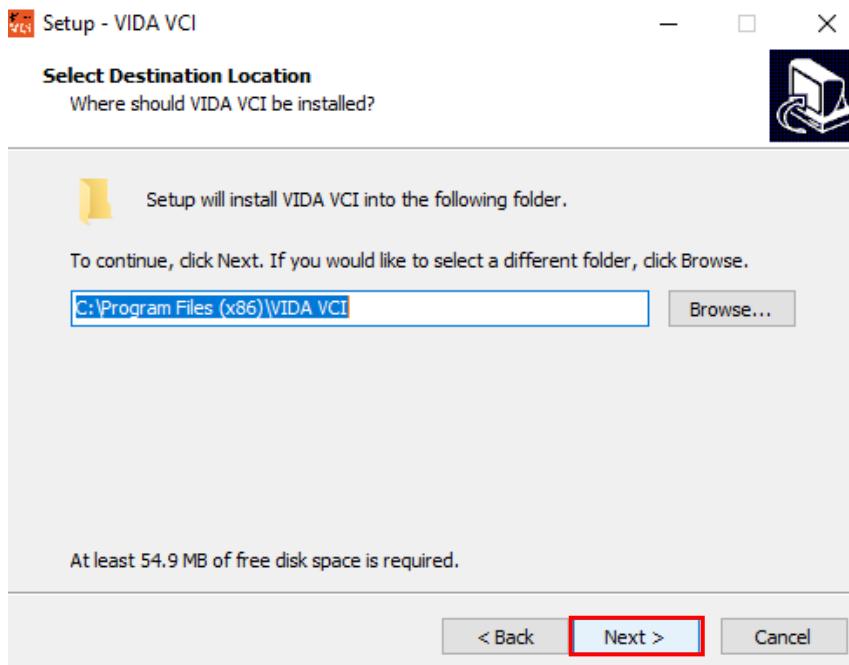
The screenshot shows a mobile phone screen displaying an SMS thread from 'Hero MotoCorp AX-HMCLTD'. The first message was sent 'Today 12:17 SIM1' and contains the text: 'The One Time Password(OTP) for your VCI installer is 294IFQBPH'. The second message was sent '3/18/2019 Mon 15:34 SIM1' and contains the text: 'The One Time Password(OTP) for your VCI installer is 294T05MQ6'.

**STEP 5:** Enter the OTP in the Enter OTP section to start the installation. Once OTP entered, click next to proceed.

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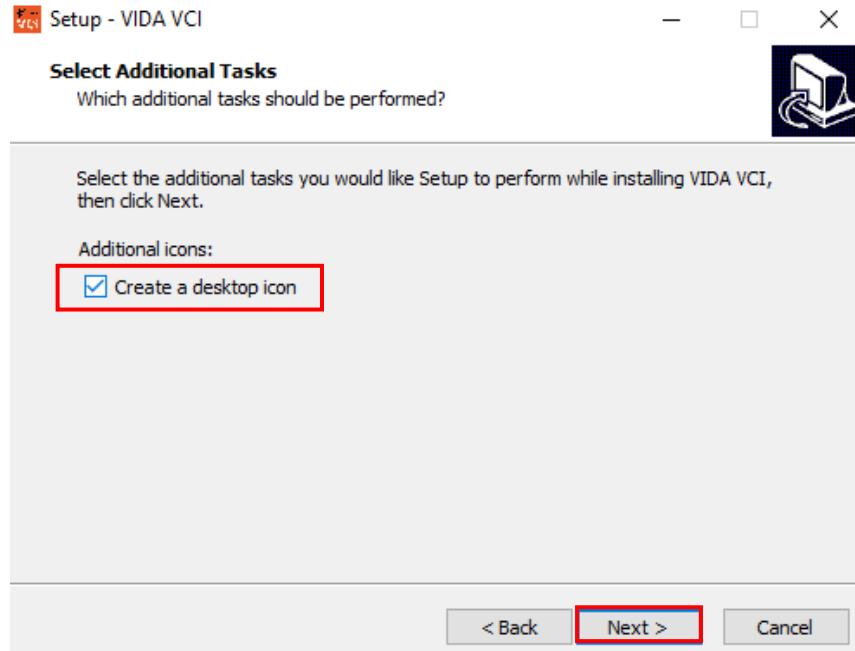


Click on “Next” to proceed.

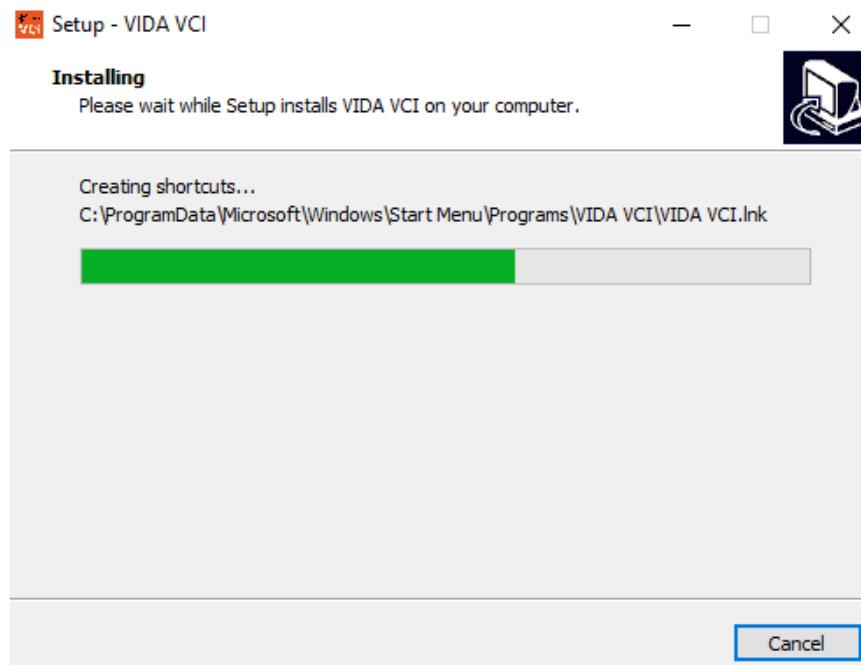


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Click on “Next” to proceed.

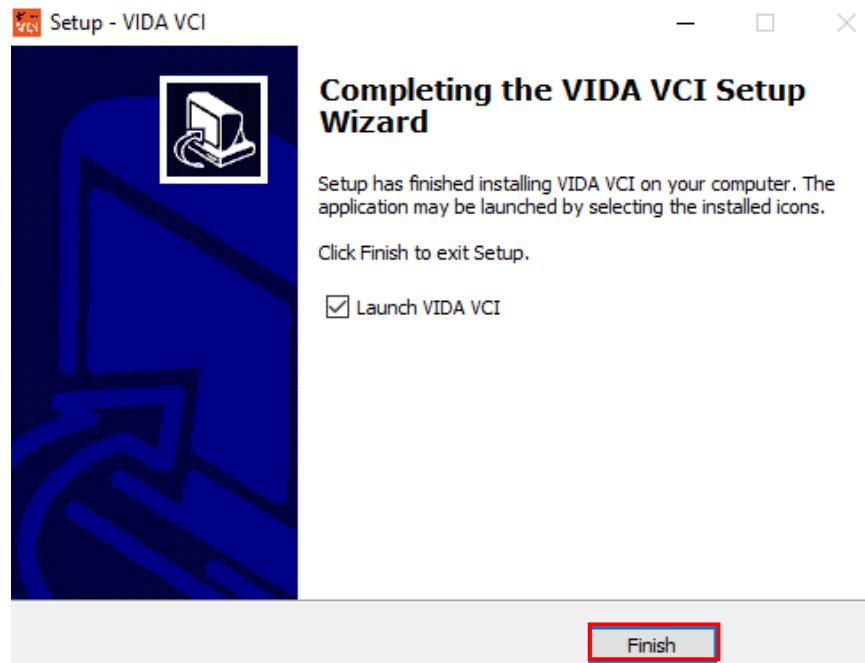


Click on “Install” to start the installation process...



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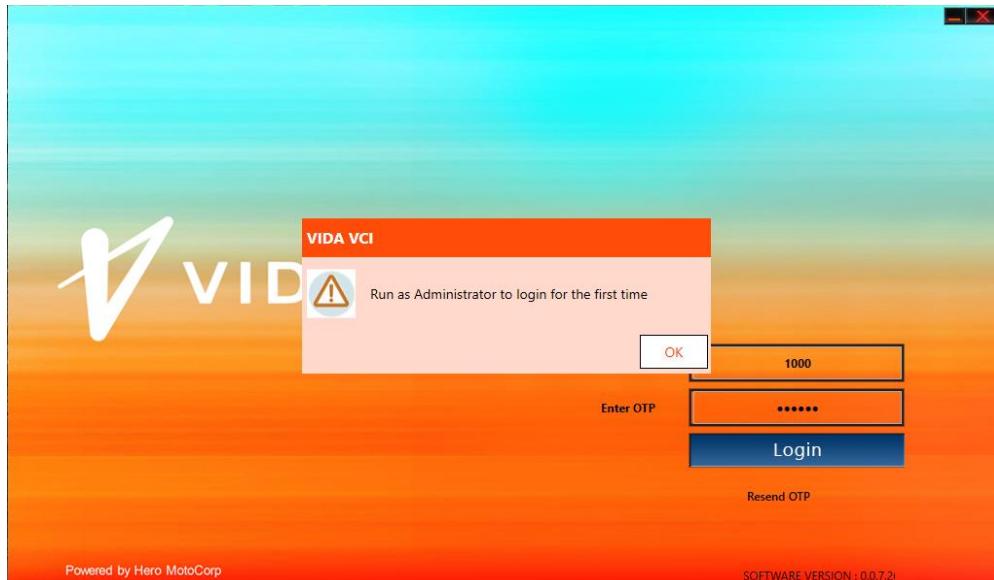
**STEP6:** Once installation completed, click on “Finish” tab to complete the process.



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## PASSWORD CREATION

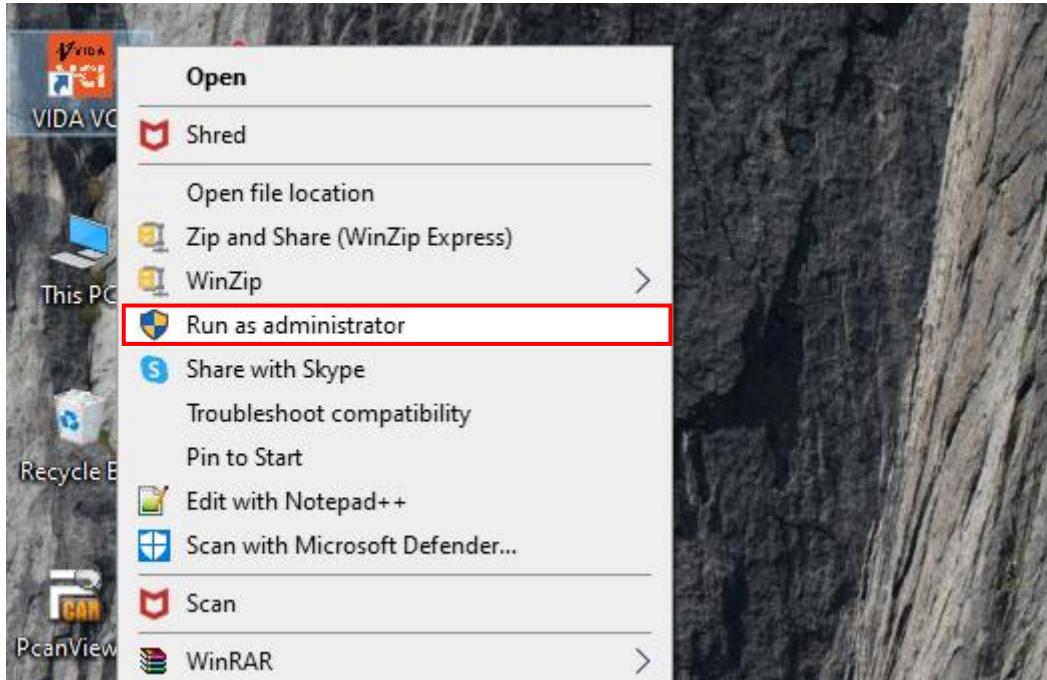
**STEP1:** While opening VIDA SOFTWARE for first time runs the VIDA application as administrator. If the software not in administrator mode it will show a popup as shown below.



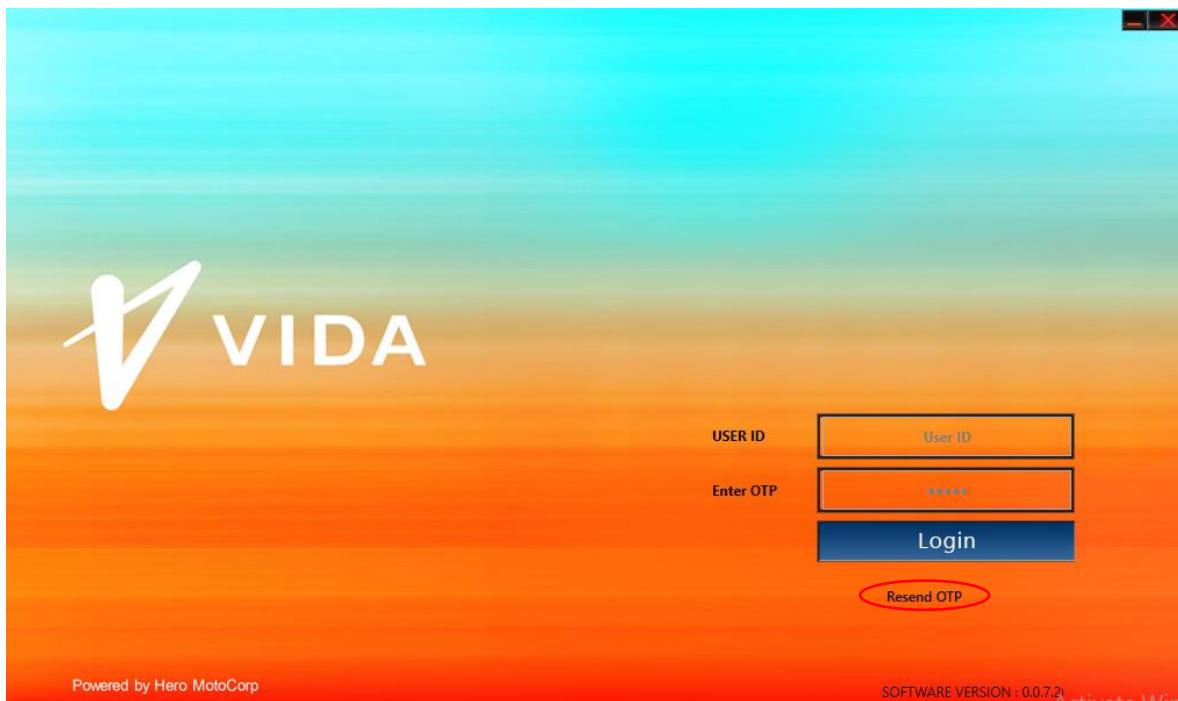
To run the software with “Administrator”, select the software and right click on it. A window will open as shown below.

# VIDA MANUAL

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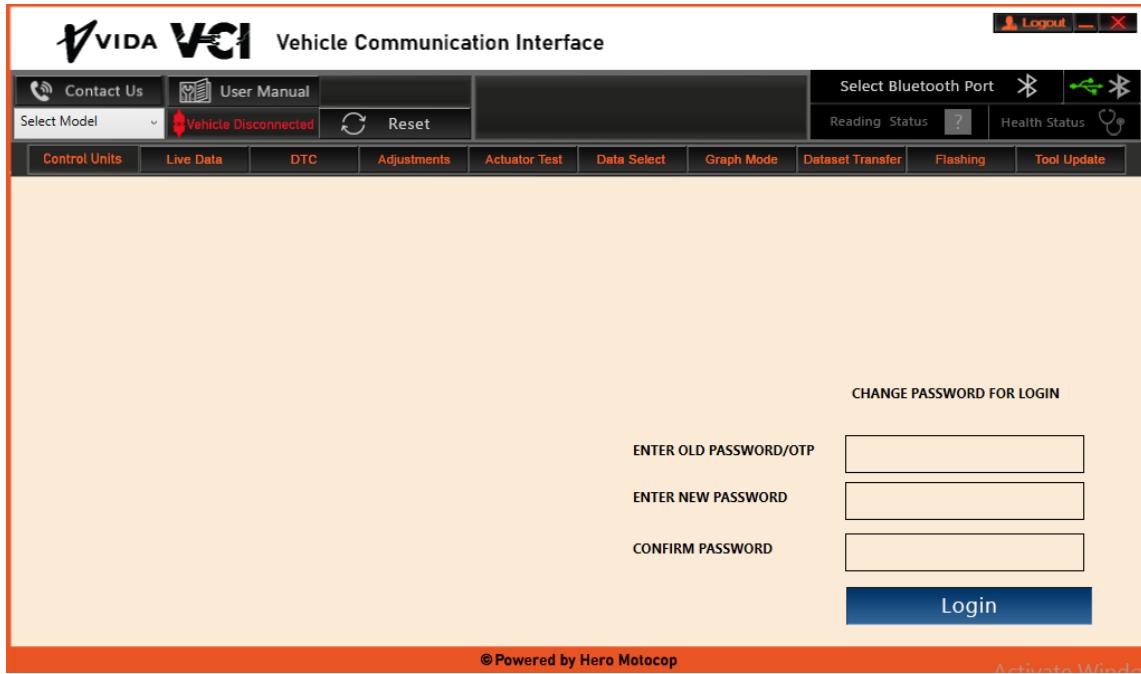
**STEP2:** Once software gets open, enter VIDA Employee / VIDA Workshop code and Enter OTP and click on Login.



# VIDA MANUAL

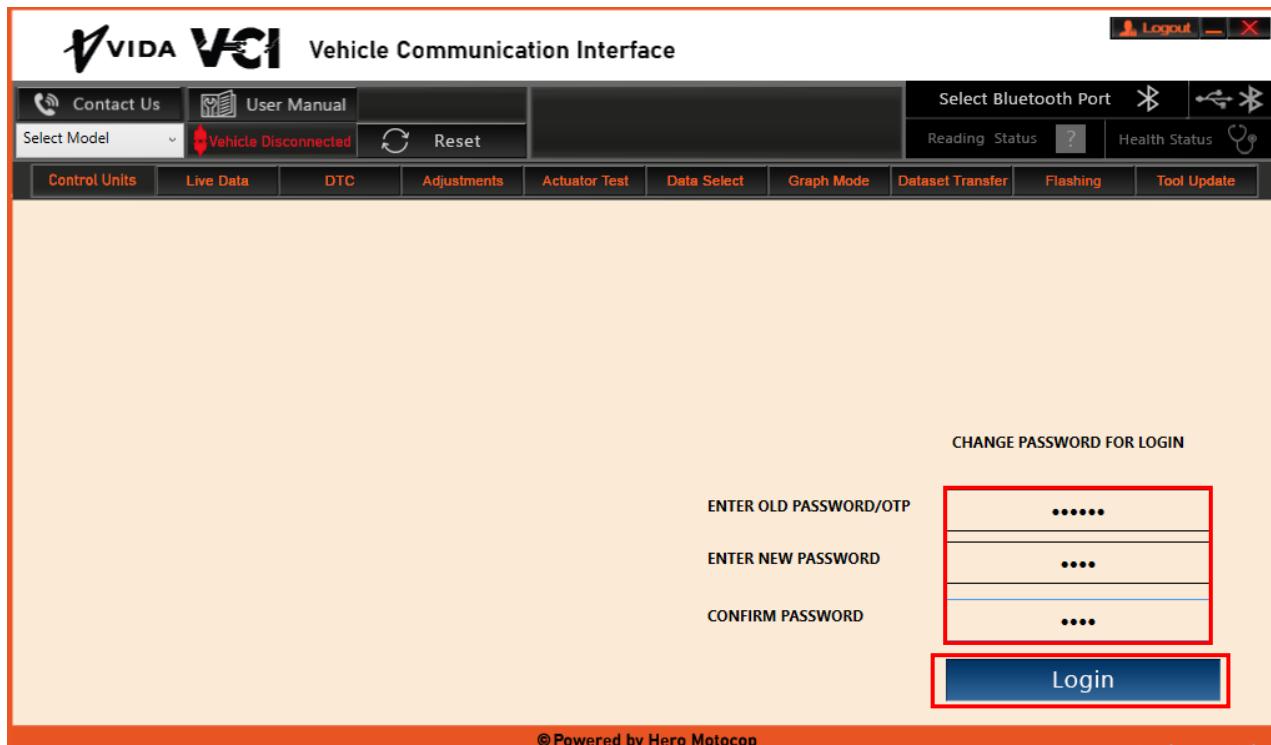
Note; If you forgot the OTP, “Double click” on “Resend OTP” as shown above figure. OTP will be sent to Registered mobile.

**STEP3:** Once software installed, at the time user has to create own password.



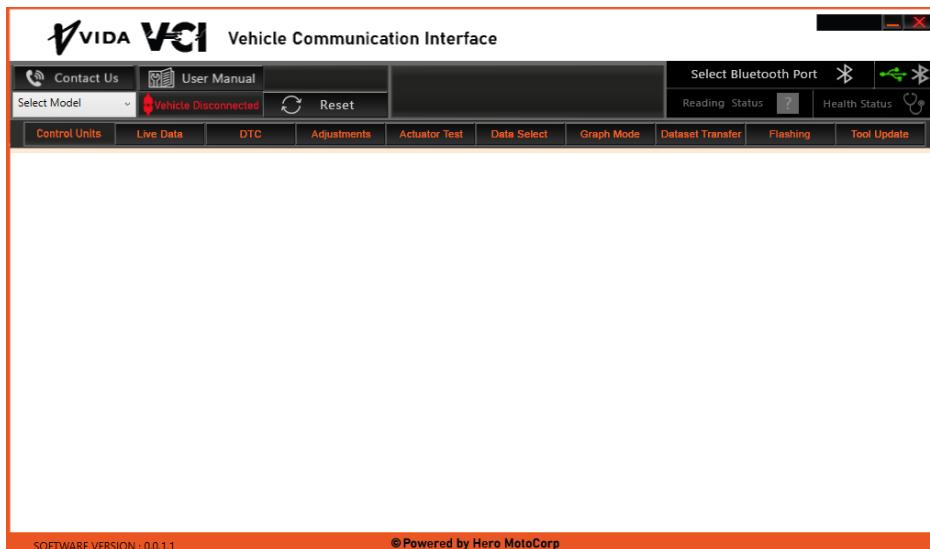
# VIDA MANUAL

**STEP 4:** User has to enter their OTP in ENTER OLD PASSWORD/OTP box, then enter a New Password in Second box, then type same Password in confirm Password box and click on Login.



# VIDA MANUAL

**STEP 5:** After creating the Password for login enter the VIDA Employee / VIDA Workshop code in proper box and enter the Password given by the user in proper box and click on “Login”. A window will open as shown below.

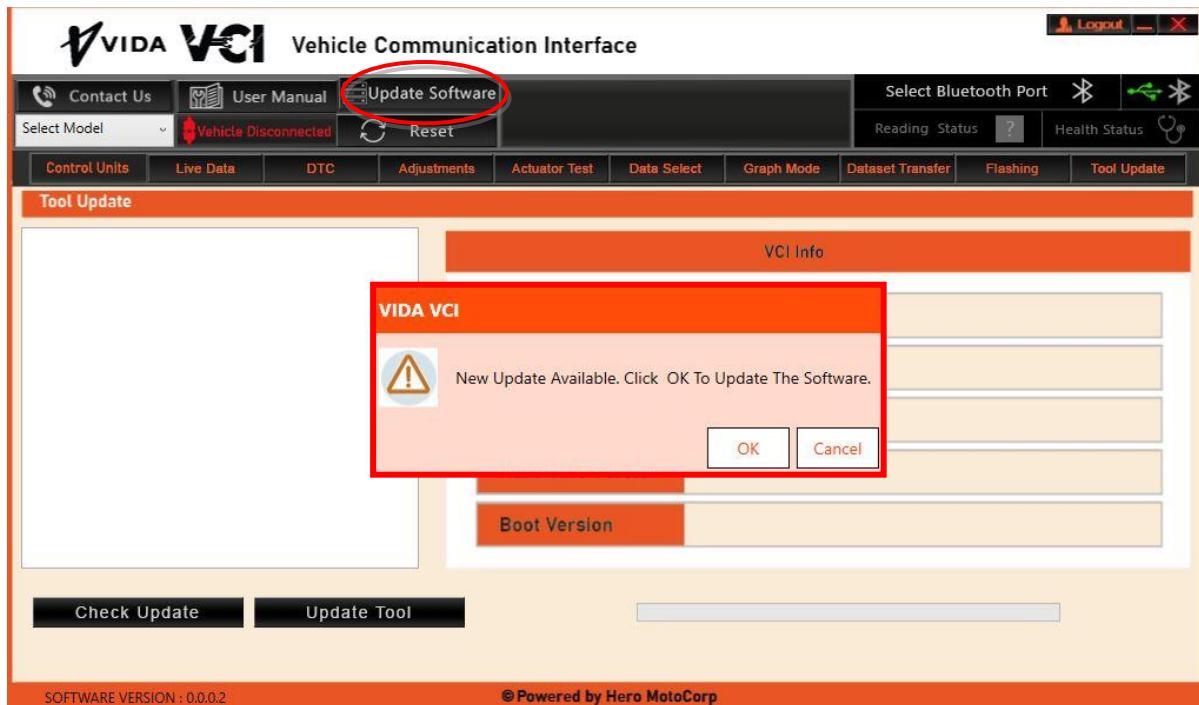


# VIDA MANUAL

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## SOFTWARE UPDATION

**STEP 1:** For updating HERO VCI SOFTWARE manually, please click on Update software button as shown below.

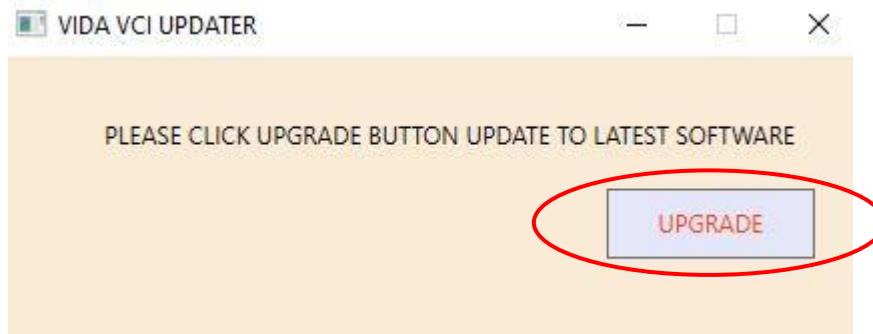


If latest version is available, a pop up will be shown as above.

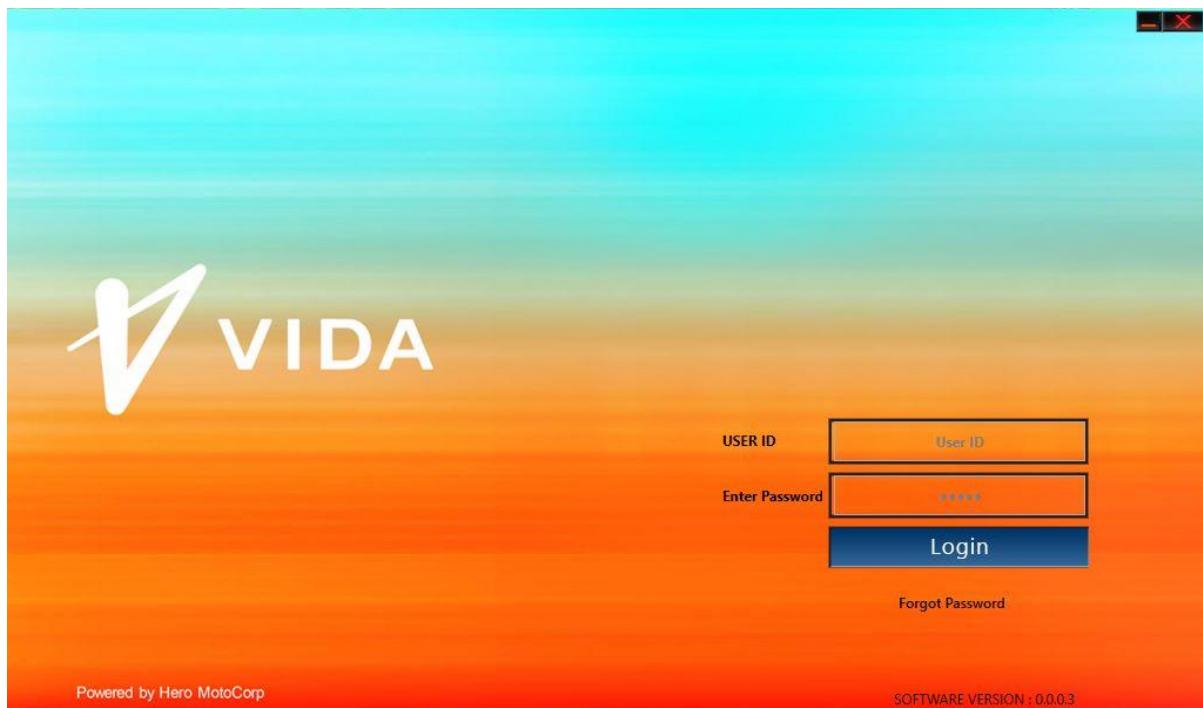
**NOTE:** For software update application should have to run as Administrator

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**STEP 2:** Once click on OK, HERO VCI application closed automatically and one popup will show as below, please click on upgrade button to update into the latest software.



**STEP 3:** Once clicked on “Yes” application will open.



# VIDA MANUAL

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## VCI TOOL UPDATE

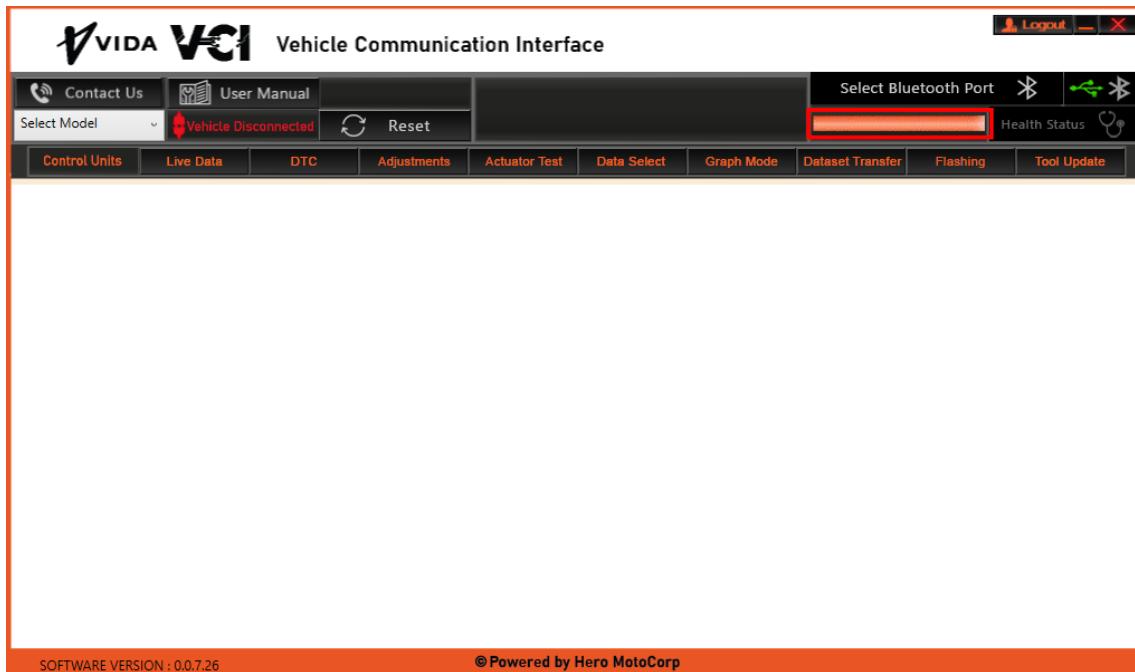
### **Key Points to Follow: -**

- Connect the VCI tool with PC/Laptop and vehicle with necessary cables.
- Make sure “INTERNET CONNECTIVITY” is available while TOOL UPDATE is in process in TOOL UPDATE SECTION.
- Please ensure Antivirus/Window firewall should be in disabled mode before starting the Process.
- When Tool update process is running do not reset the VCI Tool/VCI application.
- Follow the steps as guided in the user manual. Contact the Hero Technical Helpdesk for any support, complaint and queries. Mail ID: [servicetechnicalhelpdesk@heromotocorp.com](mailto:servicetechnicalhelpdesk@heromotocorp.com)  
Contact Number: 18002084492

# VIDA MANUAL

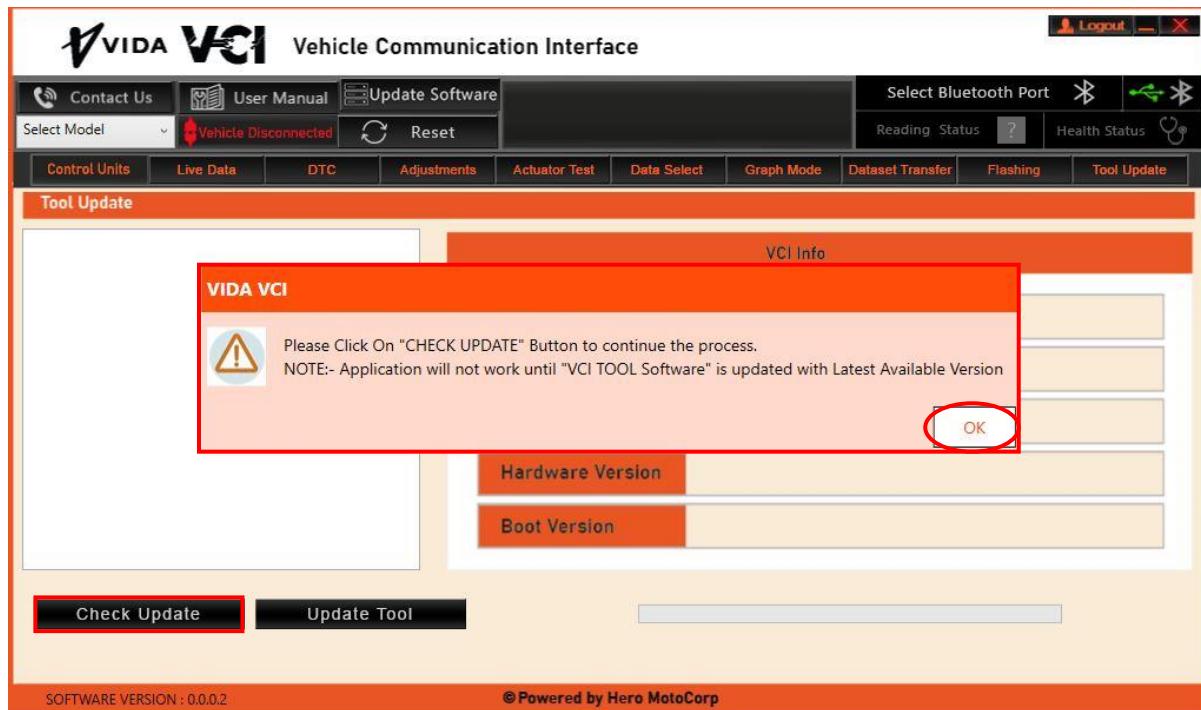
**STEP 1:** After update of Application once user login into application, it will start to check tool firmware version and software version automatically, if it is not updated application will direct “user” automatically to TOOL UPDATE window.

**Note:** Without updating Hardware and Software to latest version, software will not work.



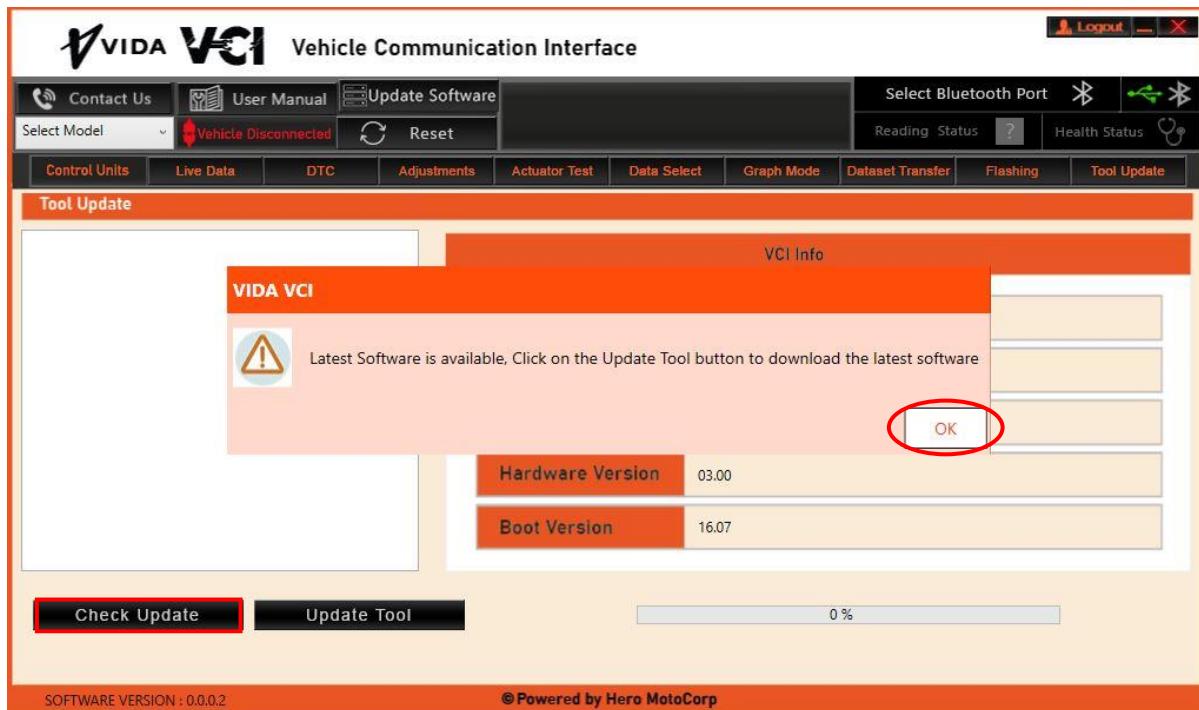
**STEP 2:** A Popup will be shown as below, press “OK” and click on “Check Update”

# VIDA MANUAL

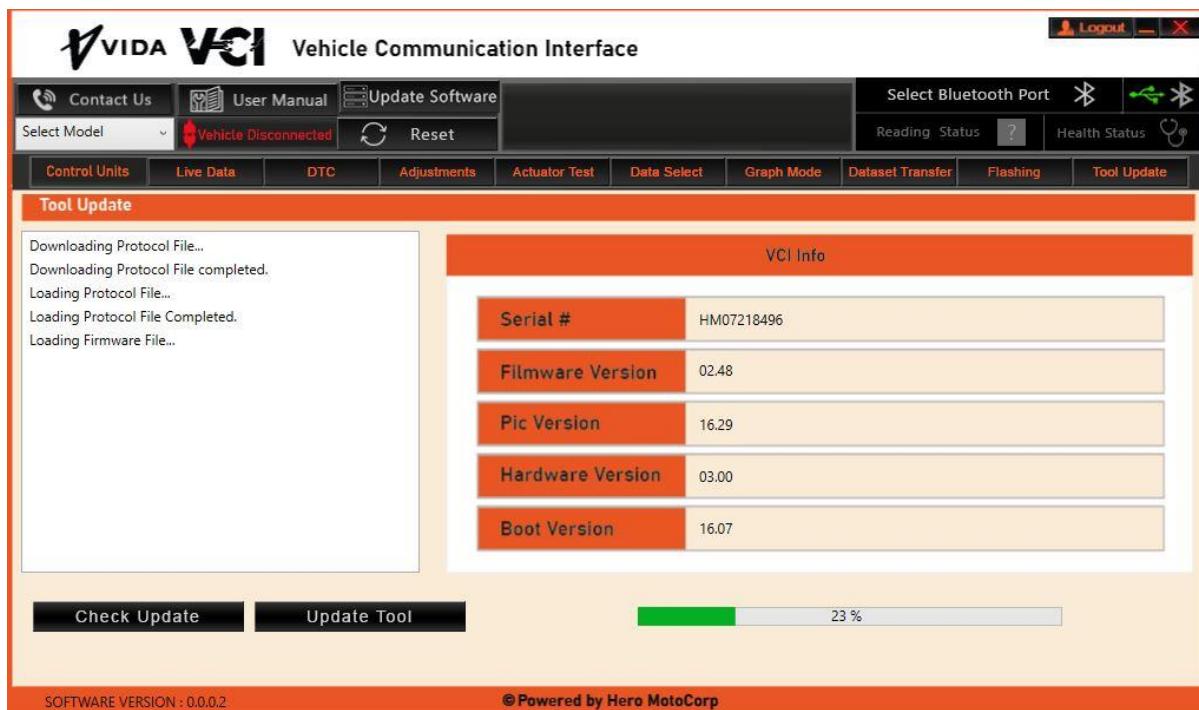


**STEP 3:** Once clicked on “Check update” a popup will appear as shown below, latest software is available please click on “OK” and click on “Update tool”.

# VIDA MANUAL

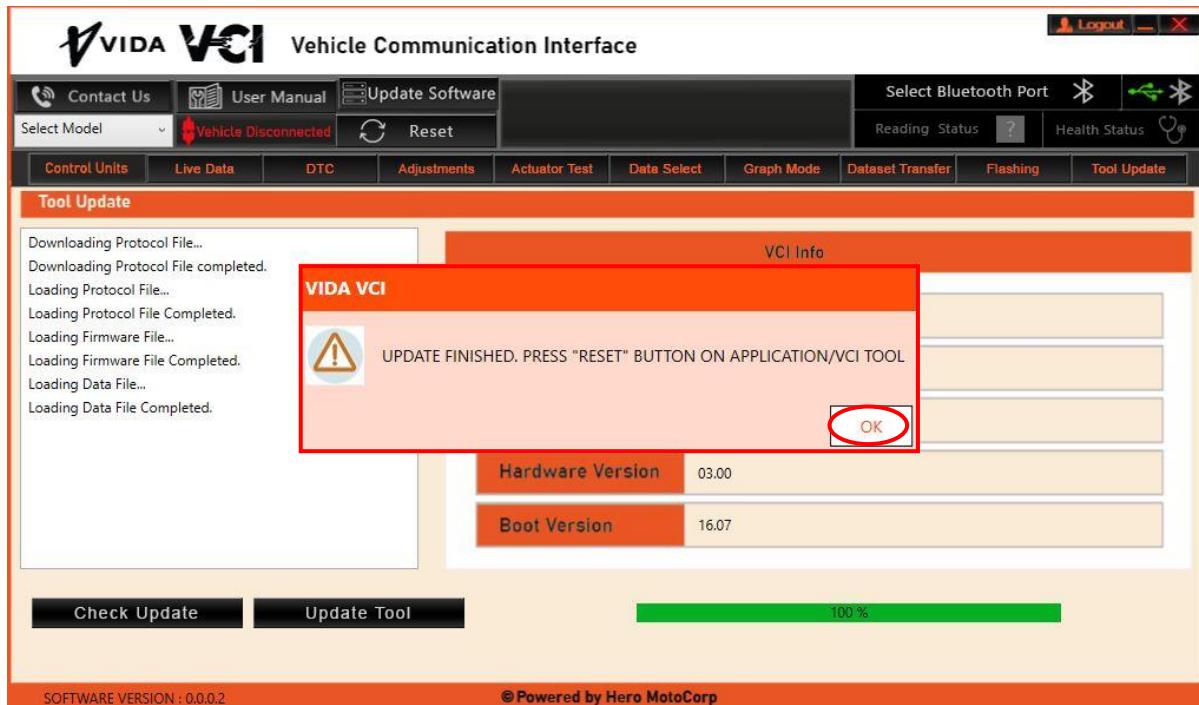


**STEP 4:** Please wait until software update is completed.



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**STEP 5:** Once tool got successfully updated, a pop-up message will be appeared “Update Finished. Press Reset button on Application/VCI Tool”. Now press “OK”.



# VIDA MANUAL

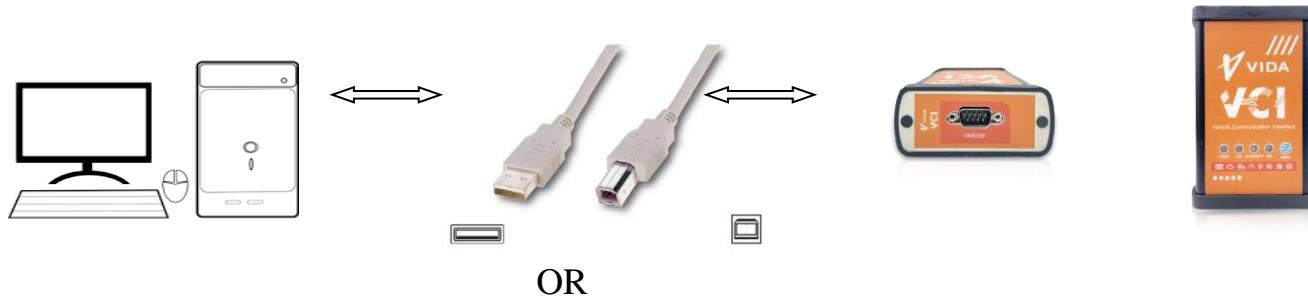
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## VCI TESTING PROCEDURE:

### Step 1:

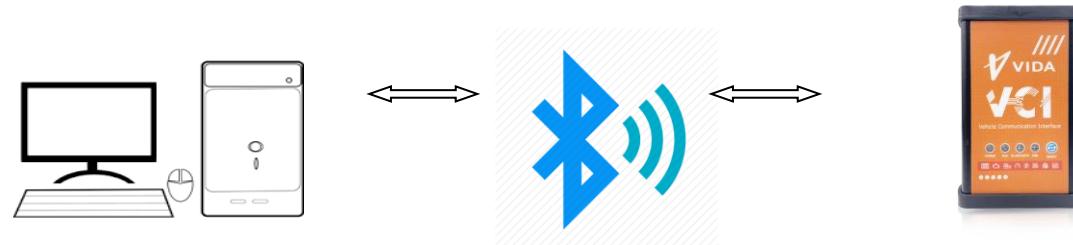
#### For HID (USB) Mode:

Connect HERO VCI to the Computer System using the provided A to B USB Cable.



#### For Bluetooth Mode:

Connect HERO VCI using the provided Bluetooth Dongle.



### Pairing Steps:

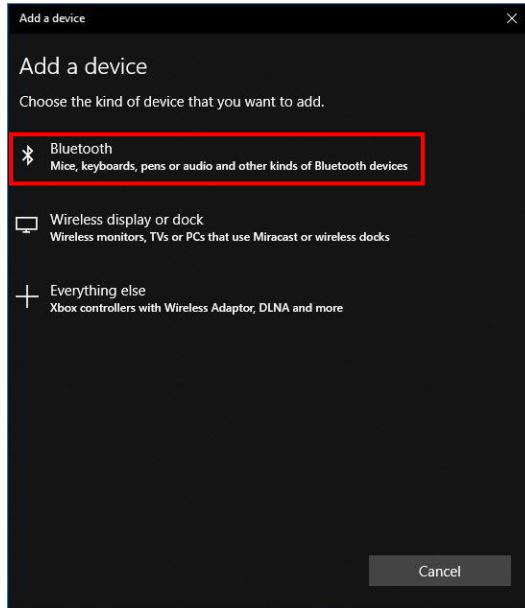
Connect the provided Bluetooth Dongle to the Desktop or In Laptop, Enable the Bluetooth Mode.

Open Bluetooth Control Settings.

Click on Add Bluetooth Devices.

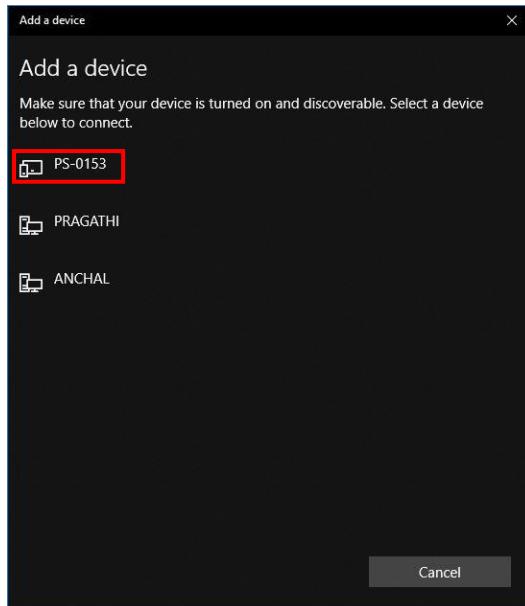
# VIDA MANUAL

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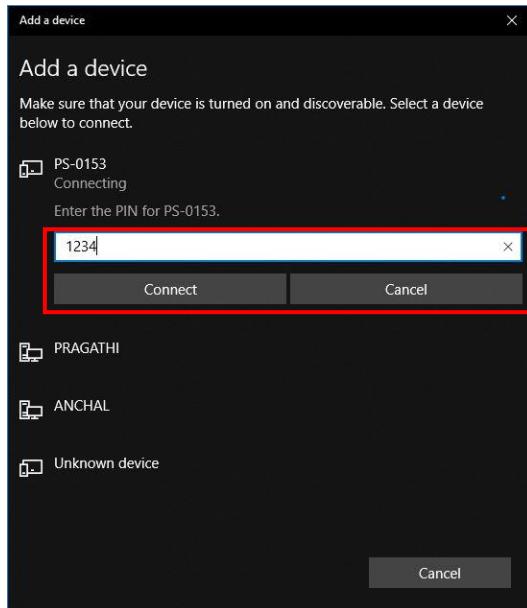
Click on Bluetooth and select the device.

Ex: If the Serial Number of the tool is HM02190153 then the Hero VCI Bluetooth device name will appear as PS-0153

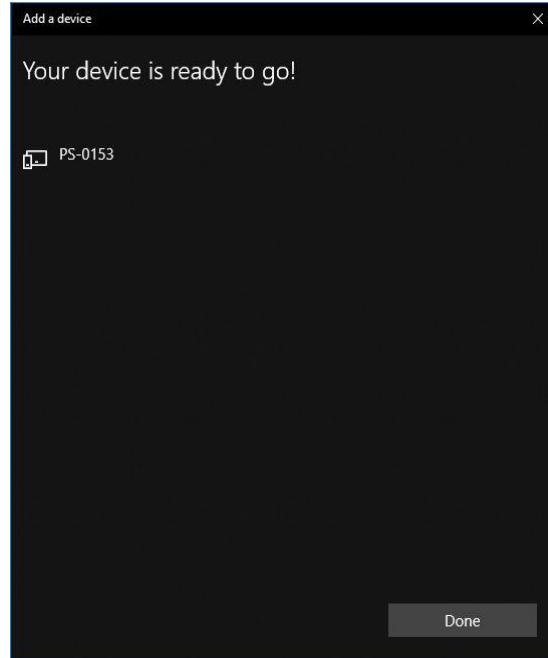


Select the appropriate device; Enter password as 1234 and click on connect for pairing.

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Once the device is paired it is ready to communicate with the ECU.



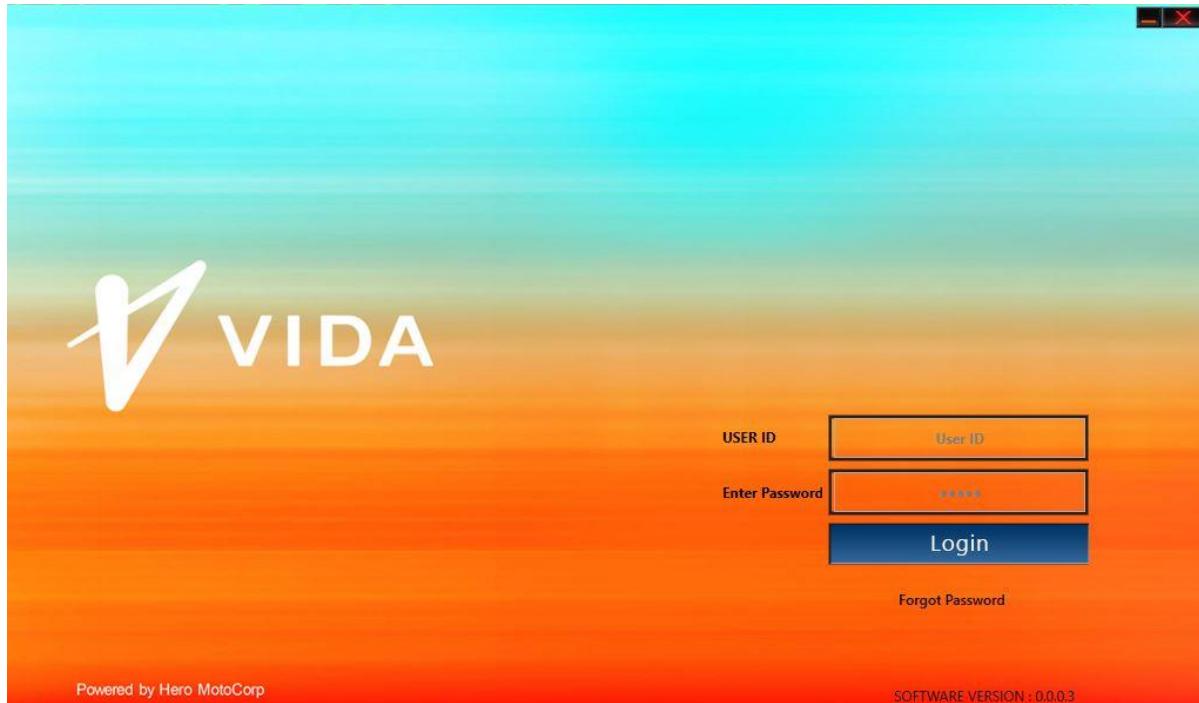
**Step 2:** Connect OBD-II Cable to the Vehicle, connecting one end (DB9) to VCI Scanner and other end to the Vehicle OBD Coupler.

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**Step 3:** Turn ON the Vehicle Ignition.

**Note:** Engine should not to be cranked during the process.

**Step 4:** Open VIDA VCI application. For Login use Username and Password credentials.

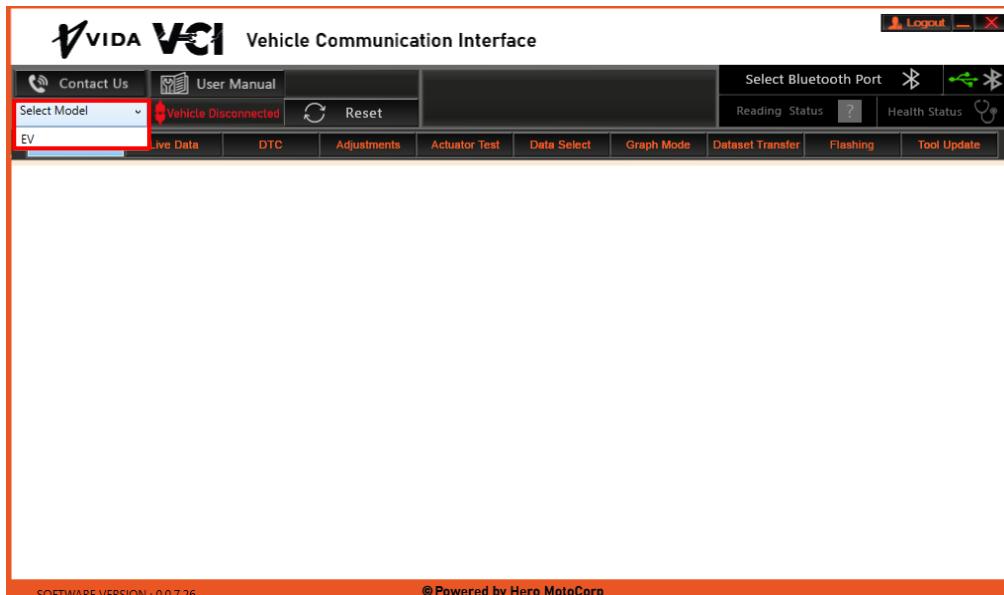
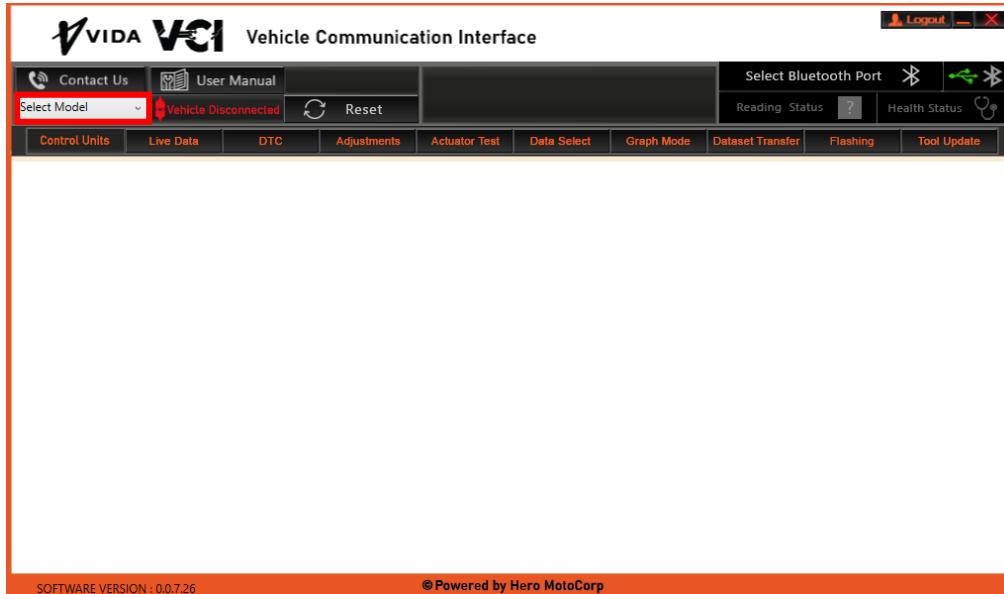


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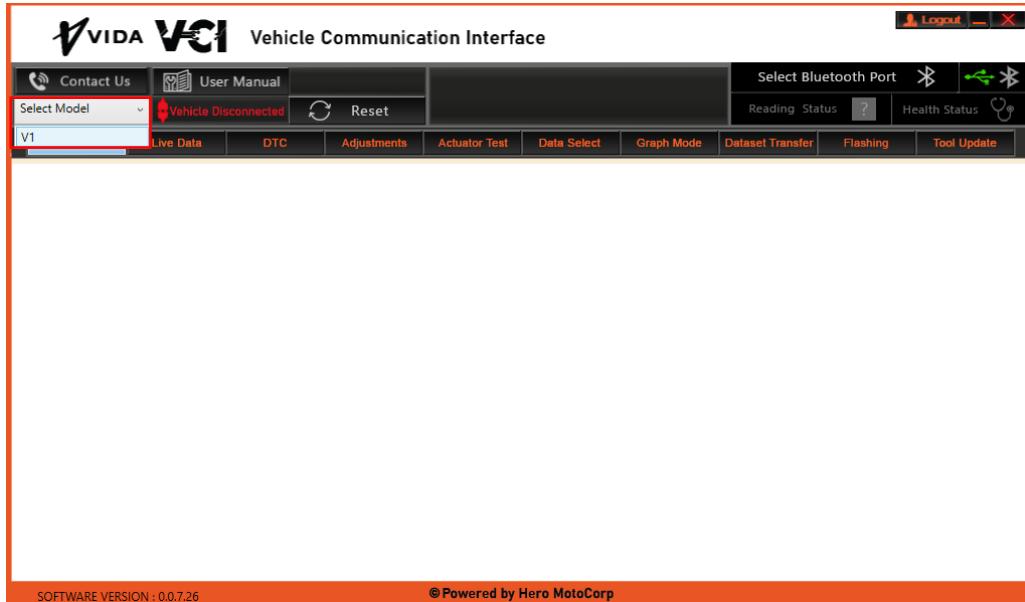
## For HID Mode:

Select model type by selecting , “MODEL”



# VIDA MANUAL

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Once Model is selected, VIDA will connect with Vehicle and ECU Details will be displayed and ECU Connected will be displayed in Green Color.

## STEP-5:

### For Bluetooth Mode:

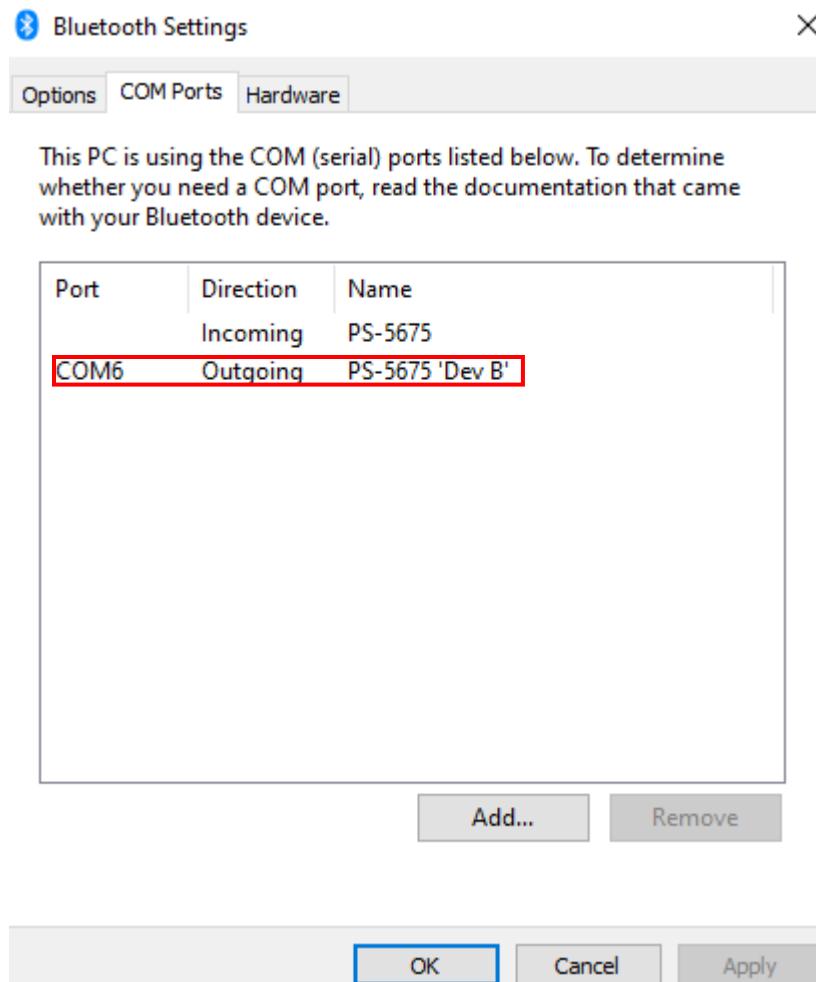
Select ECU from the drop down list.

Select the appropriate COM Port through which the system can communicate with VCI for Bluetooth connectivity.

Note: COM Port related details can be seen in More Bluetooth Options.

# VIDA MANUAL

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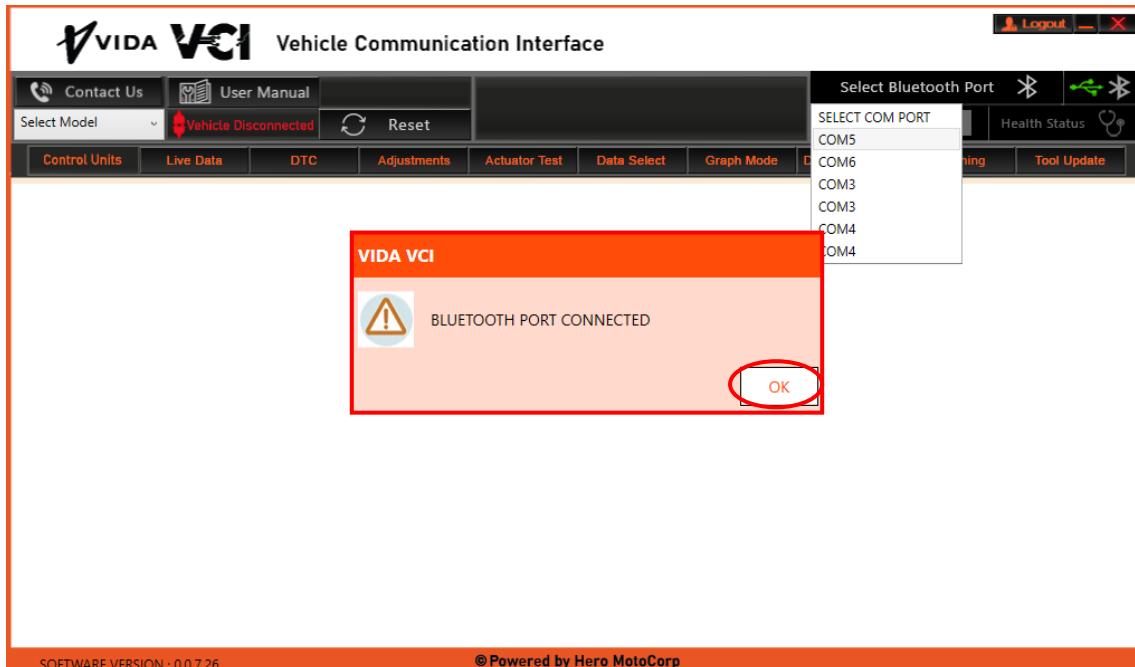
Check for the outgoing COM Port. Select COM 6 in the application. Bluetooth connection status message will be displayed on the screen as connected. For Ex: COM 6 is an outgoing port for PS-5675

Once system Bluetooth connected with VIDA VCI Tool, open application and connect with proper COM port

# VIDA MANUAL



Once COM Port is selected, A Message will be displayed as “Bluetooth Port Connected”. Now, follow the instructions which are mentioned to ‘STEP 4’to connect with Vehicle. To read diagnostic Data, Follow the instructions mentioned from ‘STEP-6 to STEP-12.’





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**Step 6:** Vehicle Connected message can be seen and ECU ID details are populated on the screen in case of successful connection.

Once vehicle started communicating, you can switch to different ECU by selecting the options provided on the left side of the screen.

# VIDA MANUAL

**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual Select Bluetooth Port  Logout

BMS1 Vehicle Connected Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Control Units**

	Parameter Name	Value
VCU	SW Version	17476
BMS1	Configuration Version	M2-823v1P
BMS2	BMS ID	M2-823v1P
	Battery ID	M02800000001
	Cell Masks	M028000M028000M028000
	Parallel Cells per Stack	8
TCU		
MCU		
EHL		

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**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual Select Bluetooth Port  Logout

BMS2 Vehicle Connected Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Control Units**

	Parameter Name	Value
VCU	SW Version	17476
BMS1	Configuration Version	M2-823v1P
BMS2	BMS ID	M2-823v1P
	Battery ID	M02800000001
	Cell Masks	M028000M028000M028000
	Parallel Cells per Stack	8
TCU		
MCU		
EHL		

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**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual Select Bluetooth Port  Logout

TCU  Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Control Units**

	Parameter Name	Value
VCU	System Supplier Boot Software Identification	1ACIPA_0_6
	Vehicle Manufacturer Boot Software Fingerprint	1_0 !
BMS1	Application Software Fingerprint	1.45.0
	Application Data Fingerprint	1.45.0
BMS2	Vehicle Manufacturer ECU Software Number	C6
	ECU Serial Number	21L1586098705240633400010091
TCU	Vehicle Identification Number (VIN)	Not Available
	Vehicle Manufacturer ECU Hardware Number	Not Available
MCU	System Supplier ECU Hardware Version Number	e
	System Supplier ECU Software Version Number	1e
EHL	Programming Date Data Identifier	539033857
	Calibration Version Number	J
	Software Container Number	Not Available
	Programming Success Count	0
	Programming Attempt Count	0

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**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual Select Bluetooth Port  Logout

MCU  Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Control Units**

	Parameter Name	Value
VCU	Vehicle Identifier Number	Not Available
	Hardware Number	MIND
BMS1	Hardware Version Number	65
	Software Number	123
BMS2	Software Version Number	3165
	ECU NIP Code	"3
TCU		
MCU		
EHL		

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**VIDA VCI Vehicle Communication Interface**

Contact Us User Manual Select Bluetooth Port  

EHL Vehicle Connected Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Control Units**

	Parameter Name	Value
VCU	Number of Stored FOBs	2
	Diagnostic Identification	1_1
BMS1	HEX Prog FILE Name	ACPA_0000001_5_1
	Number of Modules Bootloader	1
BMS2	ECU Software Version Bootloader	ACIPA_0_
	Application Software Version Firmware	ACPA_01_5
TCU	Customer ECU Part Number	ACPA_0000001_0
	ECU Production Date	20200101
MCU	ECU Serial Number	2IL15860987052406
	Vehicle Identification Number	Not Available
EHL	Supplier ECU Hardware Number	MIND
	Date of Last Programming	20210101
	Part Number	1_0 !
	System Name	1_0 !
	ECU Name	!

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**Step 7: LIVE DATA tab is used to view the ECU Live Data Parameters.**

Click on Live Data ->Select the particular ECU to view the parameters -> Select parameter groups.

**VIDA VCI Vehicle Communication Interface**

Contact Us User Manual Select Bluetooth Port  

VCU Vehicle Connected Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Live Data**

	Parameter Name	Standard Values	Measured Values	Unit	Help
VCU	Vehicle Speed	0 - 204	17	KmpH	
Parameter Set 1	Key In Status	OFF/ON	NAV	-	
Parameter Set 2	Motor Status	OFF/ON	NAV	-	
Parameter Set 3	Main Relay Status	OFF/ON	OFF	-	
Parameter Set 4	Battery 1 Contactor Status	OFF/ON	NAV	-	
Parameter Set 5	Battery 2 Contactor Status	OFF/ON	ON	-	
BMS1	Front Brake Status	Not Pressed/Pressed/Shor	Not Pressed	-	
BMS2	Rear Brake Status	Not Pressed/Pressed/Shor	Pressed	-	
TCU	Side stand Status	Side Stand Is Down/Side S	UP	-	
MCU	Acc Pedal Percentage	-100 - 100	0	%	
EHL					

**Start Data Recording**

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**VIDA VCI Vehicle Communication Interface**

Contact Us | User Manual | Select Bluetooth Port | Logout

BMS1 | Vehicle Connected | Reset | Read Completed | Health Status

Control Units | Live Data | DTC | Adjustments | Actuator Test | Data Select | Graph Mode | Dataset Transfer | Flashing | Tool Update

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit	Help
VCU				
BMS1	Parameter Set 1 Parameter Set 2 Parameter Set 3 Parameter Set 4			
BMS2				
TCU				
MCU				
EHL				

**Start Data Recording**

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**VIDA VCI Vehicle Communication Interface**

Contact Us | User Manual | Select Bluetooth Port | Logout

BMS2 | Vehicle Connected | Reset | Read Completed | Health Status

Control Units | Live Data | DTC | Adjustments | Actuator Test | Data Select | Graph Mode | Dataset Transfer | Flashing | Tool Update

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit	Help
Pack Voltage	39.9 - 57.4	52.76	V	■
Pack Current	0 - 80	0.00	A	■
SOC	0 - 100	57.67	%	■
SOE	0 - 100	38.45	%	■
SOH	0 - 100	99.99	%	■
Capacity of the Battery Pack	33.6 - 43.5	33.50		■
Energy Available Discharge Stand Alone	-	713.68	Whr	■
Aging/Cycle/similar	0 - 1250	0.08	cycle	■
SoP-charge-continous : Charge Derated Current	0 - 30	23.00	A	■
SoP-discharge-continous : Discharge Derated Current	-65 - 0	49.00	A	■

**Start Data Recording**

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**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual Select Bluetooth Port  Logout

BMS2 Vehicle Connected Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit	Help
Pack Voltage	39.9 - 57.4	52.76	V	
Pack Current	0 - 80	0.00	A	
SOC	0 - 100	57.67	%	
SOE	0 - 100	38.45	%	
SOH	0 - 100	99.99	%	
Capacity of the Battery Pack	33.6 - 43.5	33.50		
Energy Available Discharge Stand Alone	-	713.68	Whr	
Aging/Cycle/similar	0 - 1250	0.08	cycle	
SoP-charge-continous : Charge Derated Current	0 - 30	23.00	A	
SoP-discharge-continous : Discharge Derated Current	-65 - 0	49.00	A	

**Start Data Recording**

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**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual Select Bluetooth Port  Logout

BMS2 Vehicle Connected Reset Read Completed  Health Status 

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit	Help
Pack Voltage	39.9 - 57.4	52.76	V	
Pack Current	0 - 80	0.00	A	
SOC	0 - 100	57.67	%	
SOE	0 - 100	38.45	%	
SOH	0 - 100	99.99	%	
Capacity of the Battery Pack	33.6 - 43.5	33.50		
Energy Available Discharge Stand Alone	-	713.68	Whr	
Aging/Cycle/similar	0 - 1250	0.08	cycle	
SoP-charge-continous : Charge Derated Current	0 - 30	23.00	A	
SoP-discharge-continous : Discharge Derated Current	-65 - 0	49.00	A	

**Start Data Recording**

SOFTWARE VERSION : 0.0.7.26 ©Powered by Hero MotoCorp

# VIDA MANUAL

**VIDA VCI** Vehicle Communication Interface

Contact Us User Manual

BMS2 Vehicle Connected Reset

Select Bluetooth Port Read Completed Health Status

Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit	Help
Pack Voltage	39.9 - 57.4	52.76	V	
Pack Current	0 - 80	0.00	A	
SOC	0 - 100	57.67	%	
SOE	0 - 100	38.45	%	
SOH	0 - 100	99.99	%	
Capacity of the Battery Pack	33.6 - 43.5	33.50		
Energy Available Discharge Stand Alone	-	713.68	Whr	
Aging/Cycle/similar	0 - 1250	0.08	cycle	
SoP-charge-continous : Charge Derated Current	0 - 30	23.00	A	
SoP-discharge-continous : Discharge Derated Current	-65 - 0	49.00	A	

**Start Data Recording**

SOFTWARE VERSION : 0.0.7.26

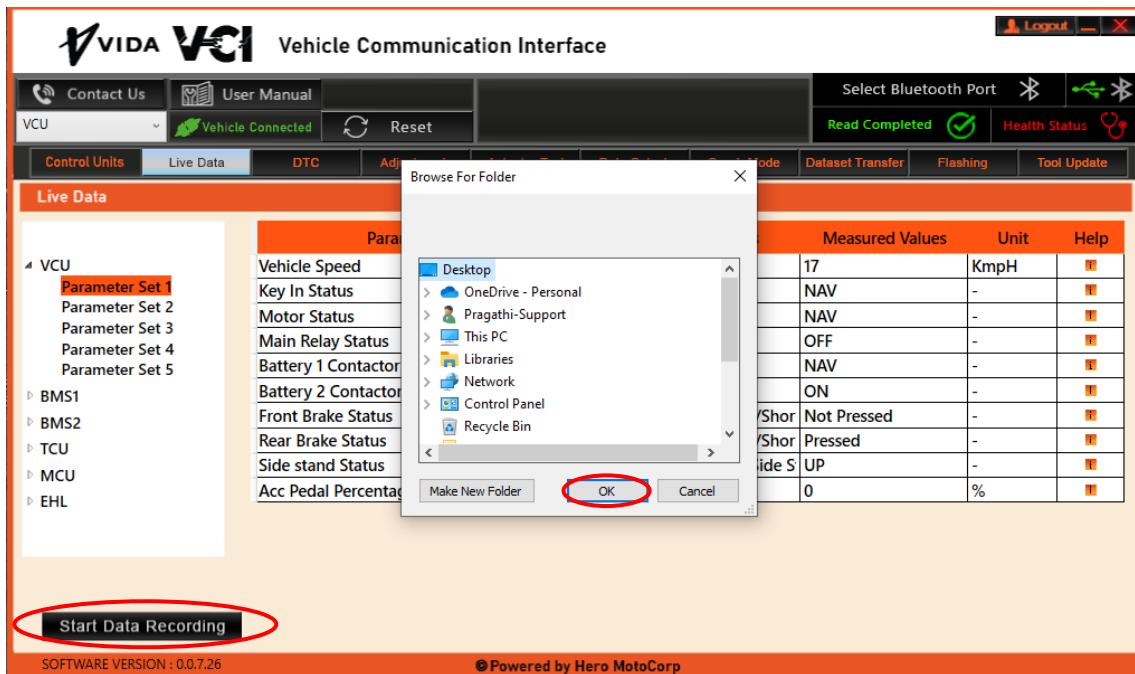
©Powered by Hero MotoCorp

Click on Start data recording to take the logs of the selected parameter set.

**Note:** Logging is nothing but recording the current varying data in the system.

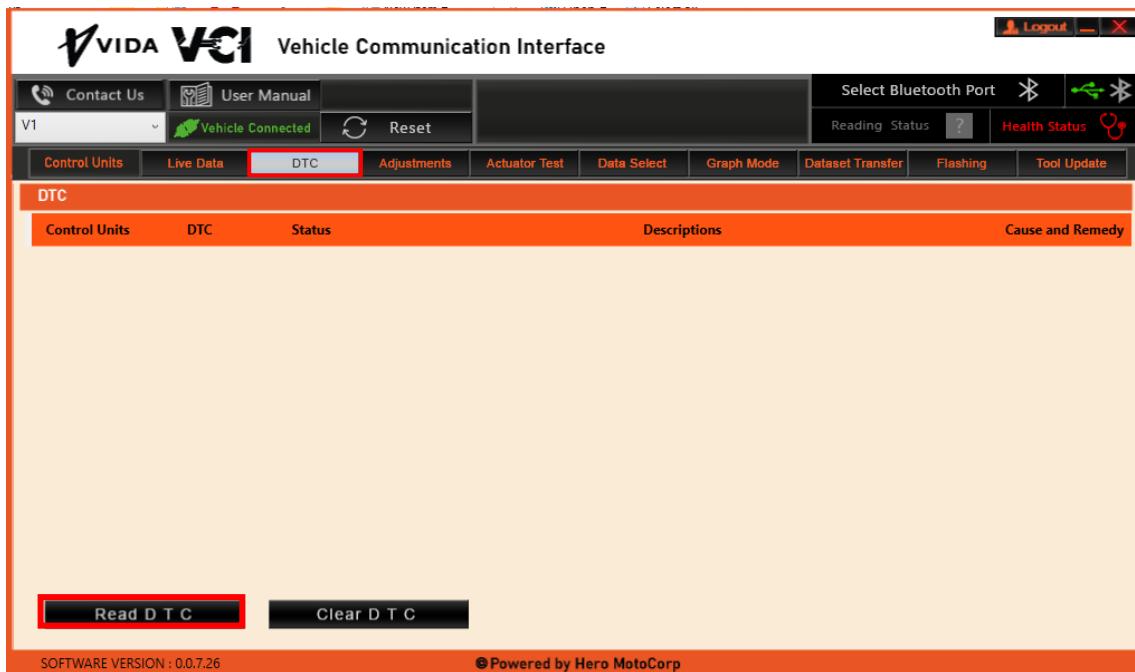
Select the path where the log file is to be saved and click on OK to start the logging.

# VIDA MANUAL



**Step 8:** Click on DTC tab to view the Diagnostics Trouble Codes.

Click on Read DTC button to Read the error codes that are available in the ECU.



# VIDA MANUAL

**VIDA VCI** Vehicle Communication Interface

Contact Us   User Manual   V1 Pro   Vehicle Connected   Reset   Select Bluetooth Port   Read Completed   Health Status

Control Units   Live Data   **DTC**   Adjustments   Actuator Test   Data Select   Graph Mode   Dataset Transfer   Flashing   Tool Update

**DTC**

Control Units	DTC	Status	Descriptions	Cause and Remedy
VCU	P113223	[History]	Mode switch Fault Stuck at ON	<a href="#">Click Here</a>
VCU	U103888	[Active]	Bus Off of CAN1	<a href="#">Click Here</a>
TCU	B152013	[Active]	Internal Battery not Available	<a href="#">Click Here</a>
EHL	B000847	[History]	Watchdog / Safety ?C Failure	<a href="#">Click Here</a>
EHL	U000388	[History]	Bus off Error	<a href="#">Click Here</a>
EHL	U000587	[History]	VCU message 0x151 Timeout	<a href="#">Click Here</a>
BMS-1		Module Not Det.		
BMS-2		Module Not Det.		

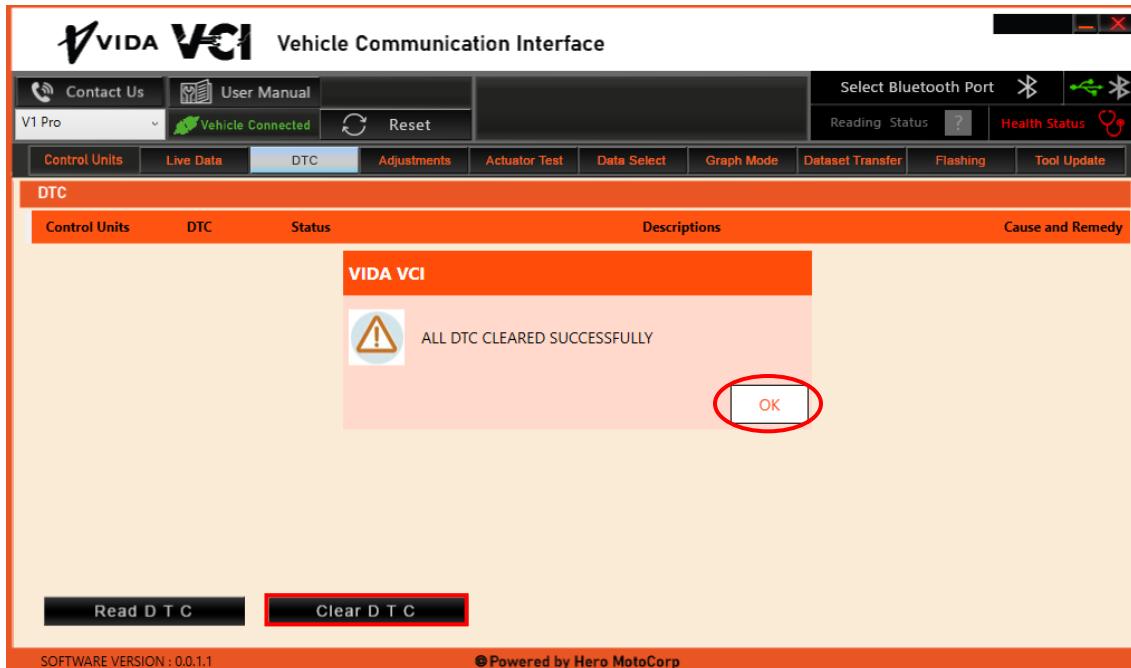
**Read D T C**   **Clear D T C**

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The resolutions steps for clearing the particular error code can be viewed on the Cause and Remedy Section.

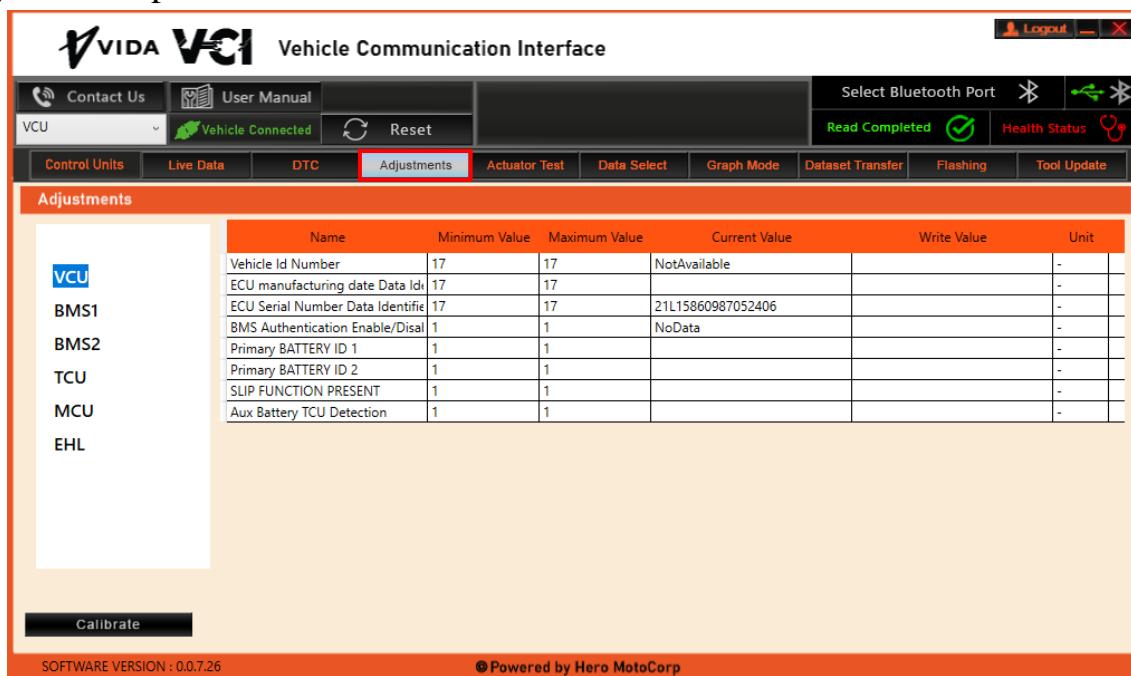
# VIDA MANUAL

Click on Clear DTC button to clear the existing error codes.



## Step 9: To write VIN NUMBER

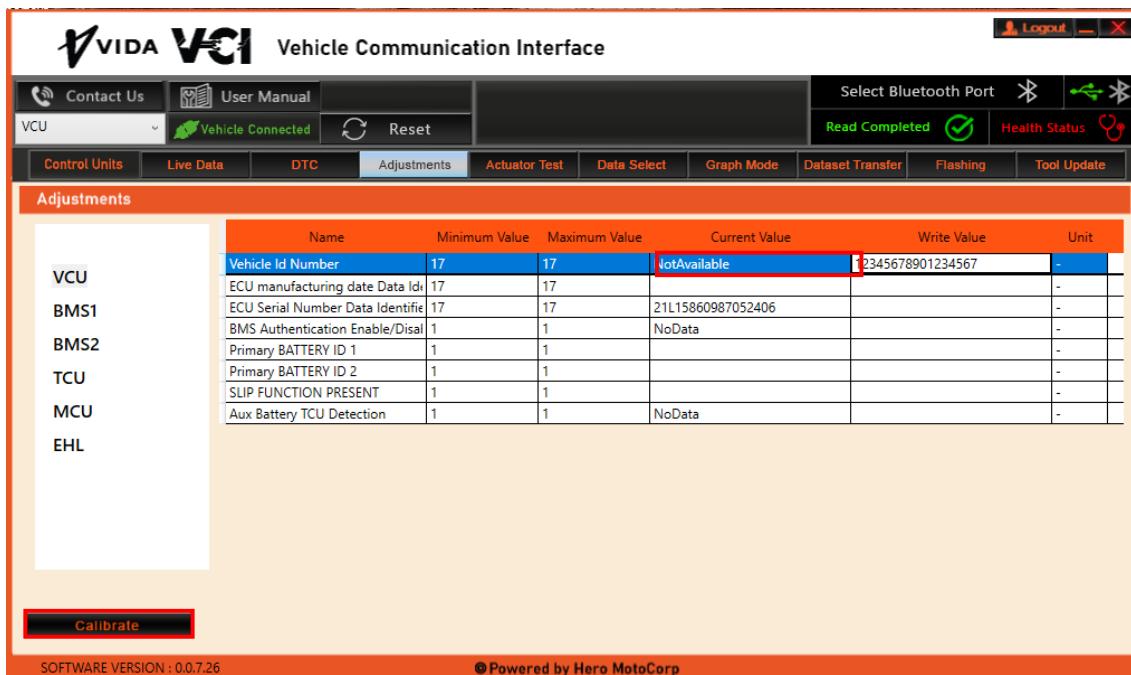
Click on adjustment option.



# VIDA MANUAL

To write/edit the VIN Number, VIN Number should be entered in Write VIN value field and click on calibrate to set.

Enter the VIN data in Write VIN Value field to write the VIN number.



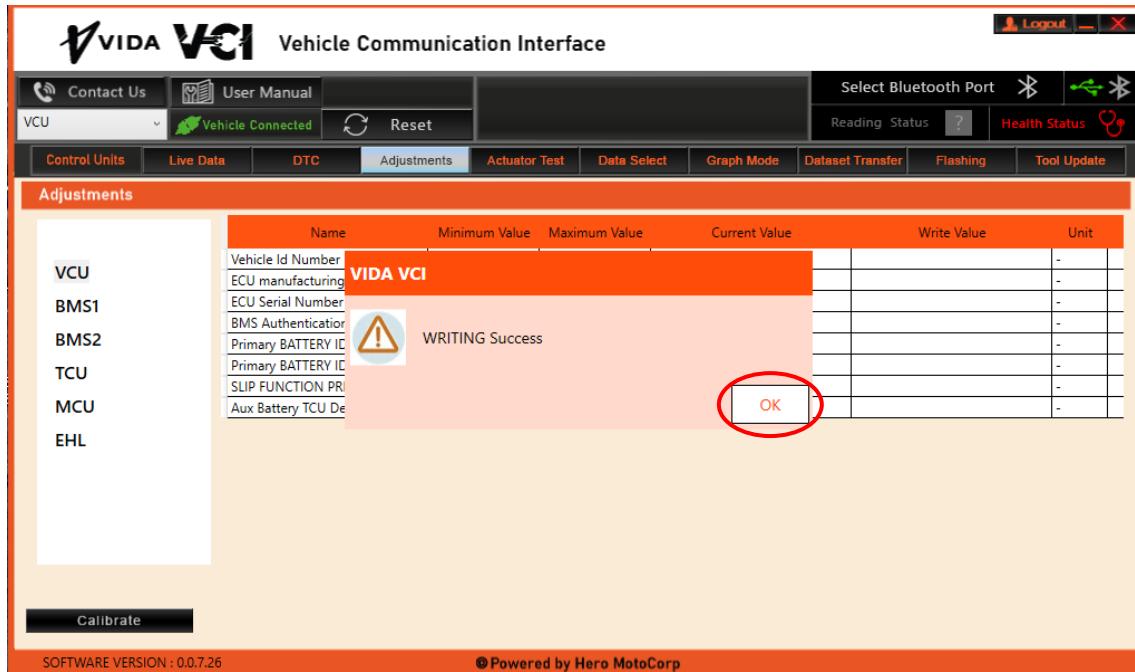
Name	Minimum Value	Maximum Value	Current Value	Write Value	Unit
Vehicle Id Number	17	17	Not Available	12345678901234567	-
ECU manufacturing date Data Id	17	17			-
ECU Serial Number Data Identifier	17	17	21L15860987052406		-
BMS Authentication Enable/Disable	1	1	NoData		-
Primary BATTERY ID 1	1	1			-
Primary BATTERY ID 2	1	1			-
SLIP FUNCTION PRESENT	1	1			-
Aux Battery TCU Detection	1	1	NoData		-

**Calibrate**

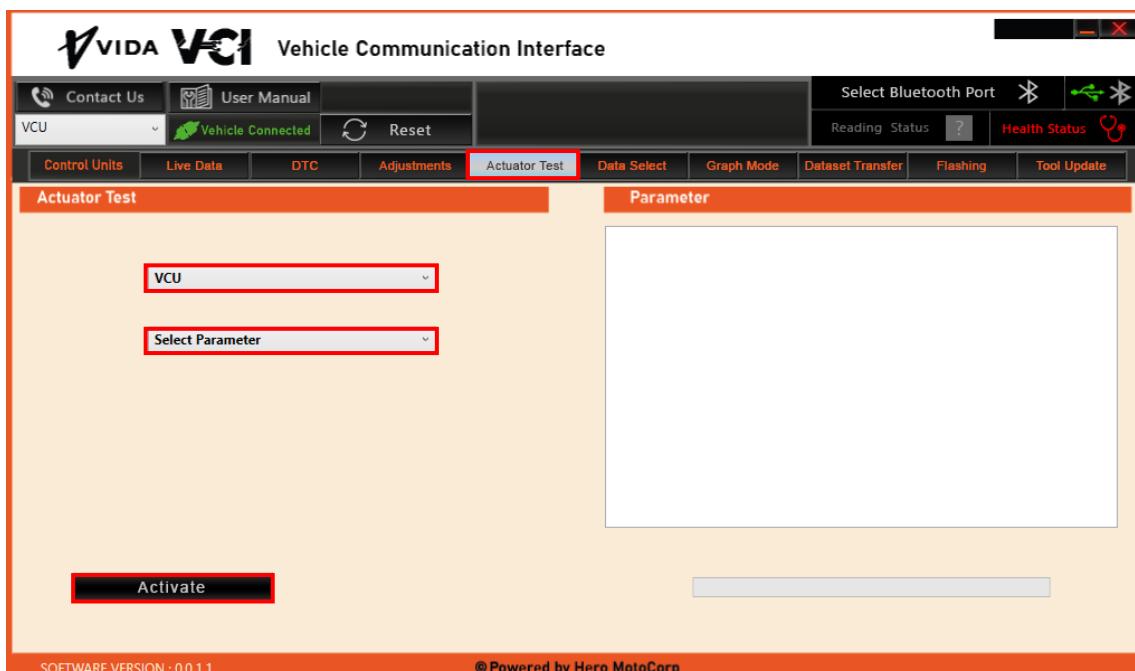
SOFTWARE VERSION - 0.0.7.26      © Powered by Hero MotoCorp

Click on Calibrate button to write the parameter in the ECU. VIN write success message is displayed after the successful writing of VIN number in to the ECU. Turn off and on the ignition for the changes to reflect.

# VIDA MANUAL

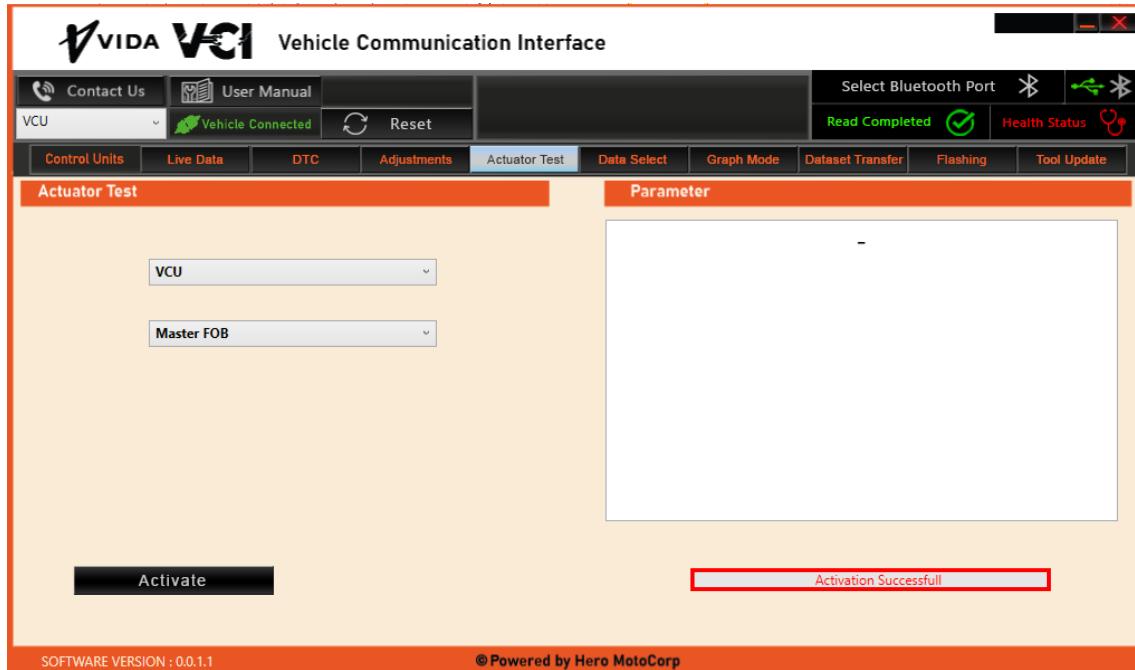


**Step 10:** Click on Actuator Test tab and Select the parameter for which the test is to be performed. Then select activate.



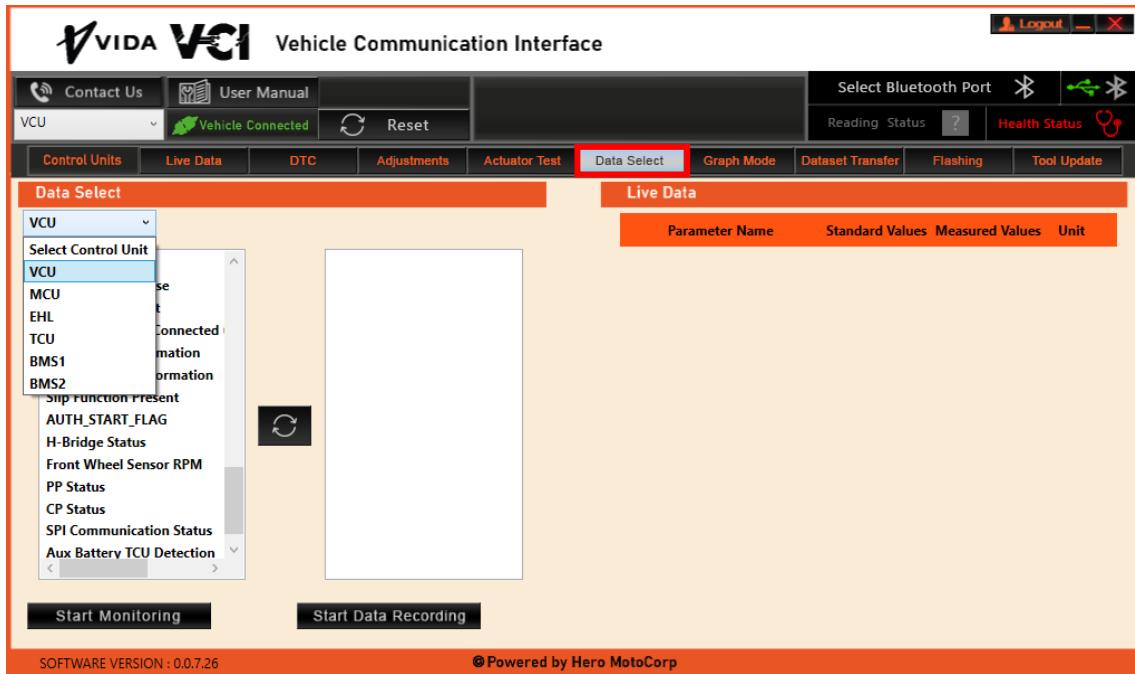
# VIDA MANUAL

Once “Test Success” is displayed in the status bar.



**Step 11:** Data Select tab is used to monitor the selected parameters useful to the user.

# VIDA MANUAL



In data select you can see the available ECU options, select the particular ECU and you can see all the parameters available for the particular ECU.

Select the specific parameter and double click on that parameter to swap it into monitor window.

Double click on right side parameter to remove the parameter that has been filtered out and is not required to be monitored. Click on RST button to clear the Monitor Window.

# VIDA MANUAL



**VIDA VCI Vehicle Communication Interface**

Contact Us User Manual Select Bluetooth Port Vehicle Connected Reading Status Health Status

VCU Reset Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Data Select**

VCU

- VCU Temperature
- Precharge response
- Precharge request
- Type Of Charger Connected
- Battery Slot Information
- Battery Slot-2 Information
- Slip Function Present
- H-Bridge Status
- AUTH\_START\_FLAG
- H-Bridge Status
- Front Wheel Sensor RPM
- PP Status
- CP Status
- SPI Communication Status
- Aux Battery TCU Detection

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit
VCU Temperature	-	NOD	?C
Precharge response	-	NOD	-
Precharge request	-	NOD	-
Slip Function Present	-	NOD	-
H-Bridge Status	-	NOD	-
CP Status	-	NOD	-
SPI Communication Status	-	NOD	-
Aux Battery TCU Detection	-	NOD	-
PP Status	-	NOD	-
Type Of Charger Connected (ir)	-	NOD	-

Start Monitoring Start Data Recording

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Click on Start Monitor to start the live monitoring of selected parameters and Stop monitor once the monitoring is done.

**VIDA VCI Vehicle Communication Interface**

Contact Us User Manual Select Bluetooth Port Vehicle Connected Read Completed Health Status

VCU Reset Control Units Live Data DTC Adjustments Actuator Test Data Select Graph Mode Dataset Transfer Flashing Tool Update

**Data Select**

VCU

- Precharge response
- Precharge request
- Type Of Charger Connected
- Battery Slot Information
- Battery Slot-2 Information
- Slip Function Present
- AUTH\_START\_FLAG
- H-Bridge Status
- Front Wheel Sensor RPM
- PP Status
- CP Status
- SPI Communication Status
- Aux Battery TCU Detection

**Live Data**

Parameter Name	Standard Values	Measured Values	Unit
VCU Temperature	-	NOD	?C
Precharge response	-	NOD	-
Precharge request	-	NOD	-
Slip Function Present	-	NOD	-
H-Bridge Status	-	NOD	-
CP Status	-	NOD	-
SPI Communication Status	-	NOD	-
Aux Battery TCU Detection	-	NOD	-
PP Status	-	NOD	-
Type Of Charger Connected (ir)	-	NOD	-

MONITORING IN PROCESS...

Stop Monitoring Start Data Recording

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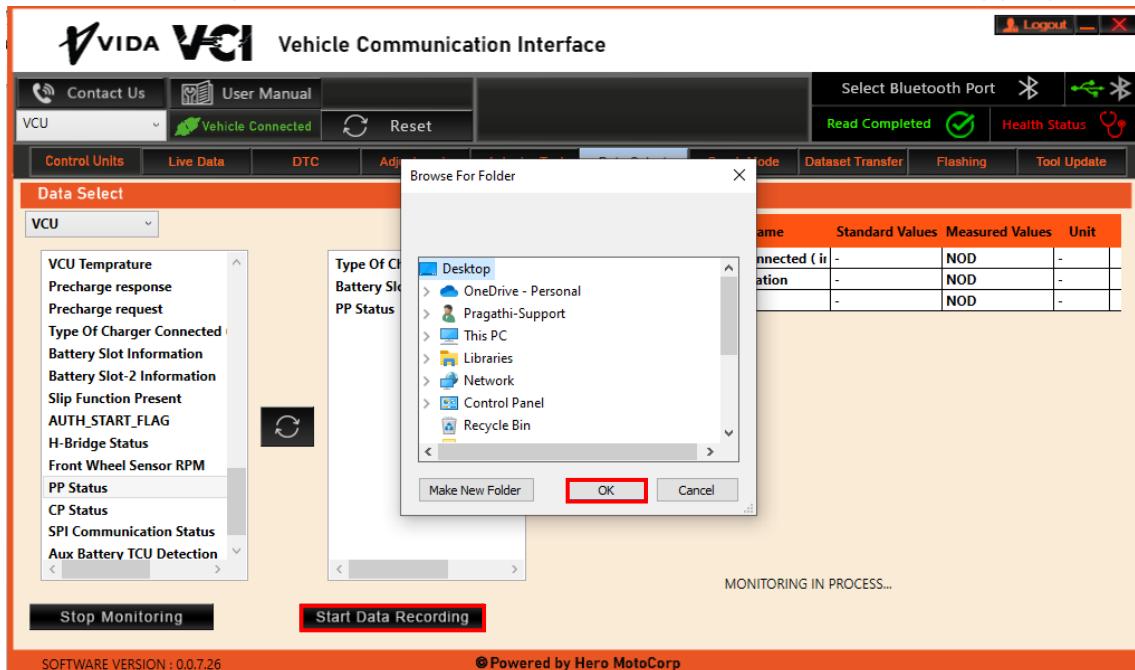
NOTE: Maximum 10 parameters can be monitor only at a time.

# VIDA MANUAL

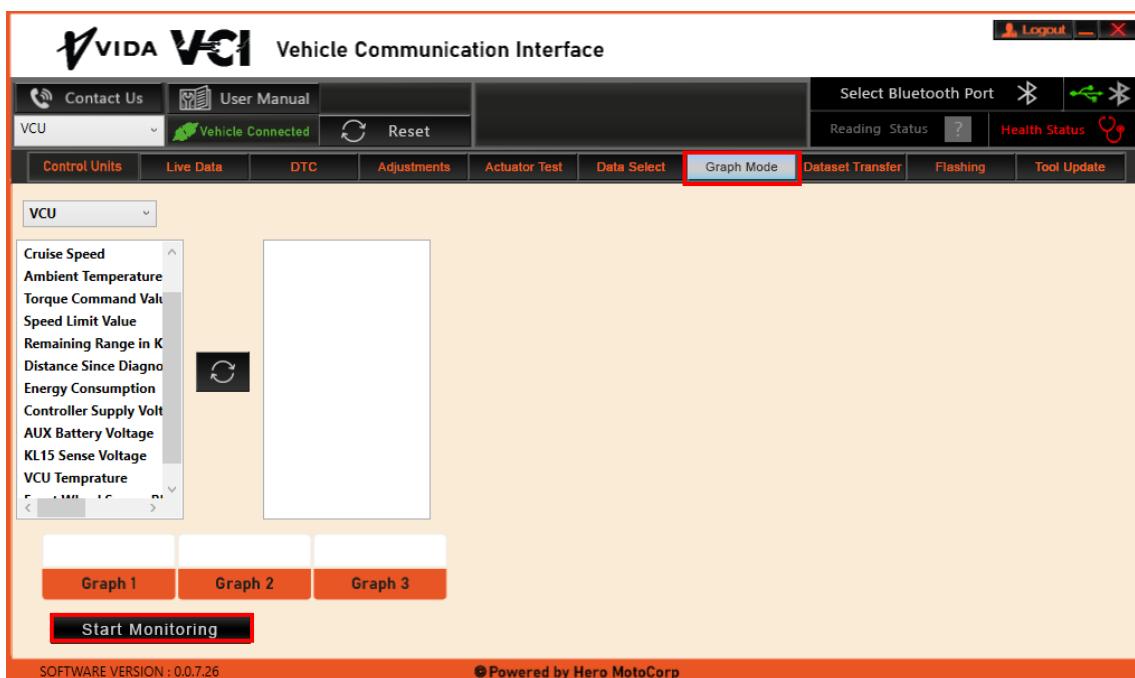
Similarly Start Data Recording button is used to save the record logs of the parameters. Click on Start Data Recording to take the logs of the selected parameter set.

**Note:** Logging is nothing but recording the current varying data in the system.

Select the path where the log file is to be saved and click on OK to start the logging.



**Step 12:** Click on Graph Mode to view the specific parameter.

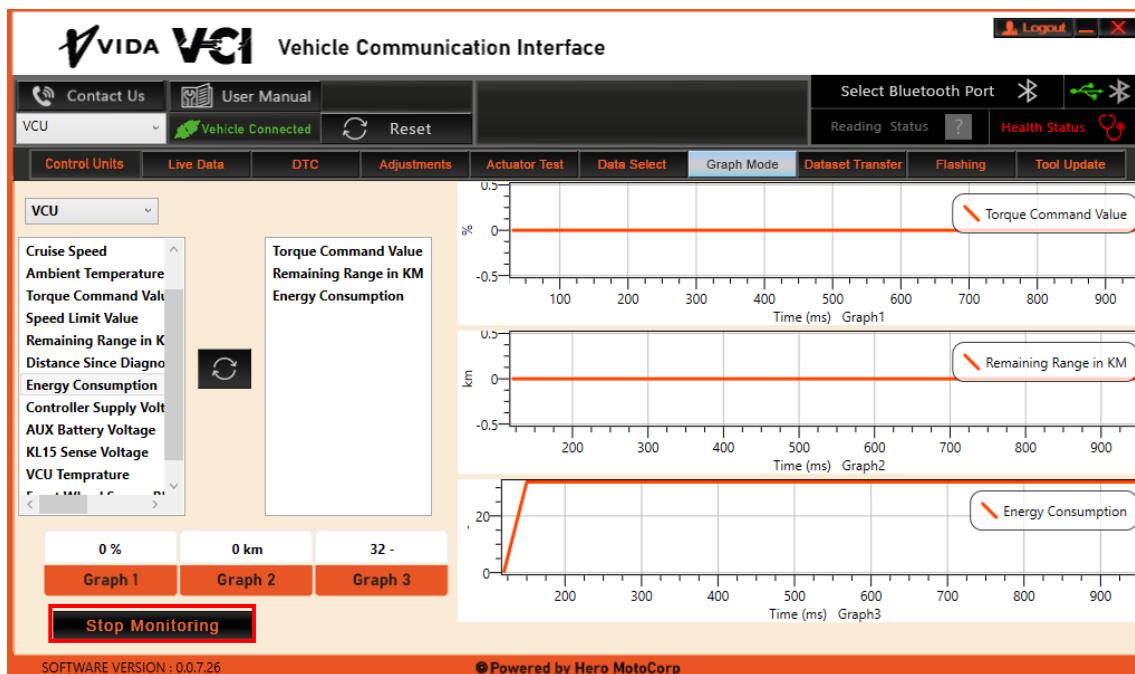


# VIDA MANUAL

Maximum three parameters can be viewed in graph mode.

Select the specific parameter and double click on that parameter to swap it into monitor window.  
Double click on right side parameter to remove the parameter that has been filtered out and is not required to be monitored.

Click on RST button to clear the Monitor Window.



## NOTE TO FOLLOW

- After update and while running the VCI Application for the first time, user need to **run the Application as “Run as Administrator”** (Both offline and Online Flashing)

- In Offline Flashing user need to do dataset transfer. For Dataset transfer user need to create **“Set Flashing File Path”**

**Note: Before setting the new “Flashing File Path” delete the existing “DATASET” folders from your PC.**

- User must Run the Application as **“Run as Administrator”** to set the flashing file path and it is a onetime process.

- In Online Flashing also, User need to create folder and **“Set Flashing File Path”**, if **File path is not created in Dataset Transfer Option**.

**NOTE: User has to create only 1 flashing file path for either Offline mode or online mode.**

## 1.OFFLINE FLASHING

### I.DATASET TRANSFER

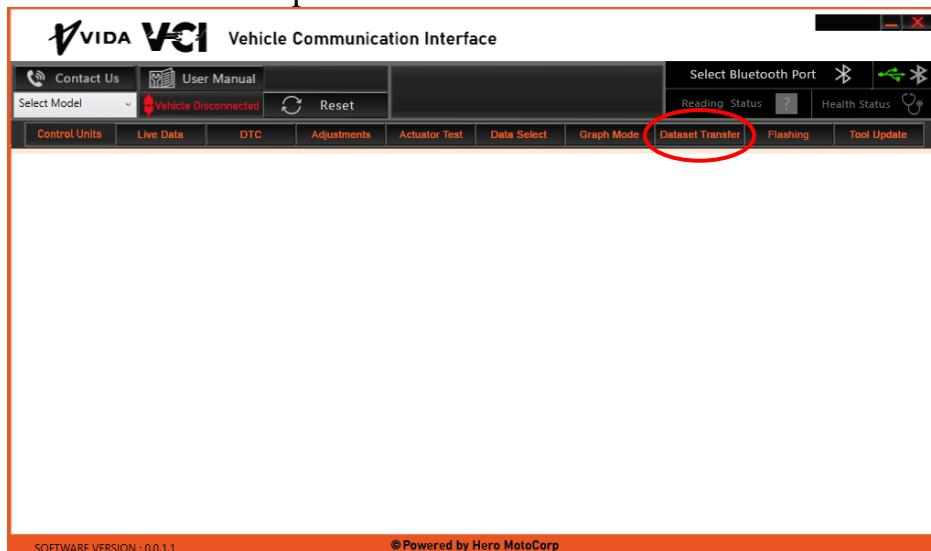
### II.FLASHING

# VIDA MANUAL

## I.DATASET TRANSFER

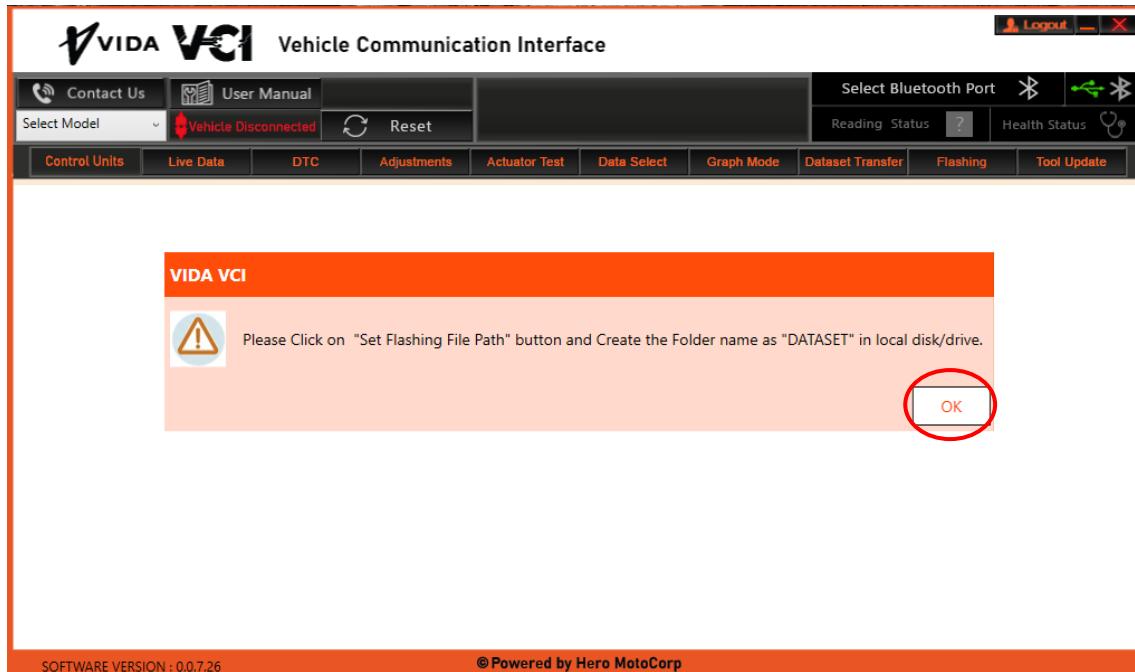
**NOTE: Data set transfer is one-time process, once dataset for any model is updated in tool there is no need of transferring dataset for same model again until new update available for the particular model.**

**STEP 1:** Run the application as administrator and login using user ID & password and click on the “Dataset Transfer” button to start the process.

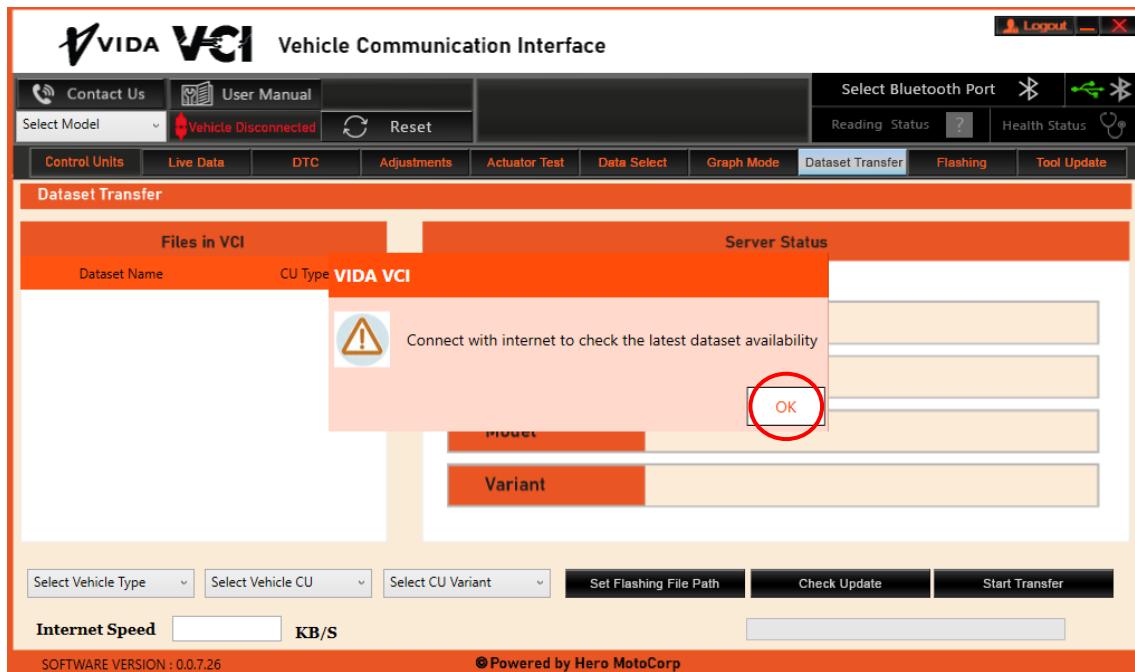


**STEP 2:** Read the instructions carefully and click on OK to continue the process.

# VIDA MANUAL



## STEP 3: Check the internet connection before proceeding

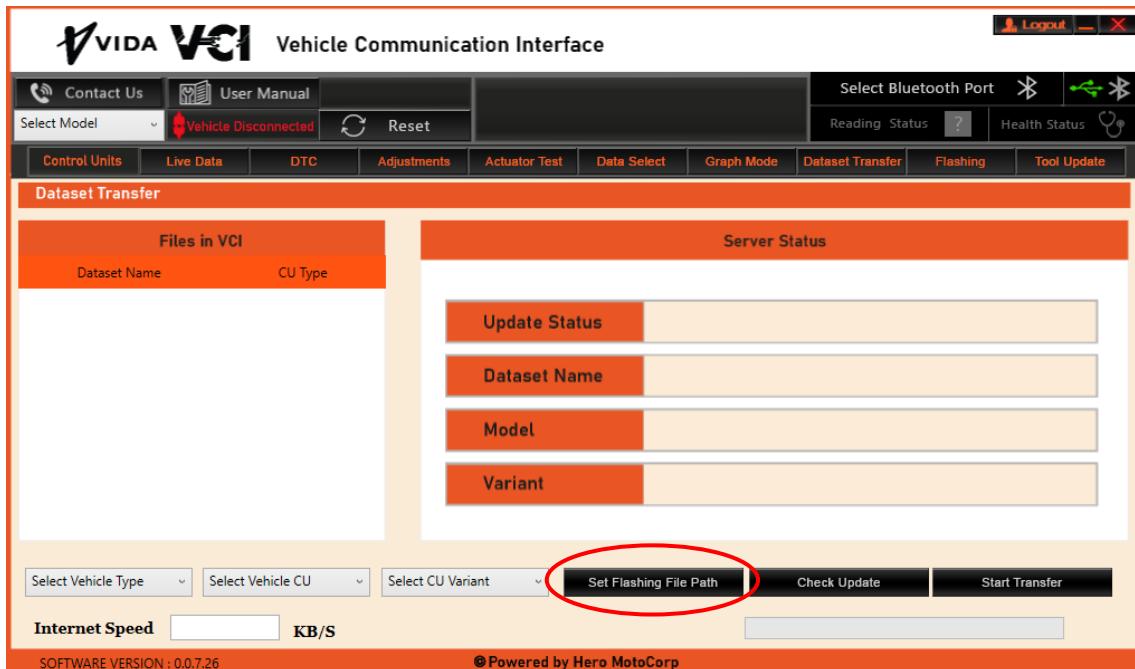


# VIDA MANUAL

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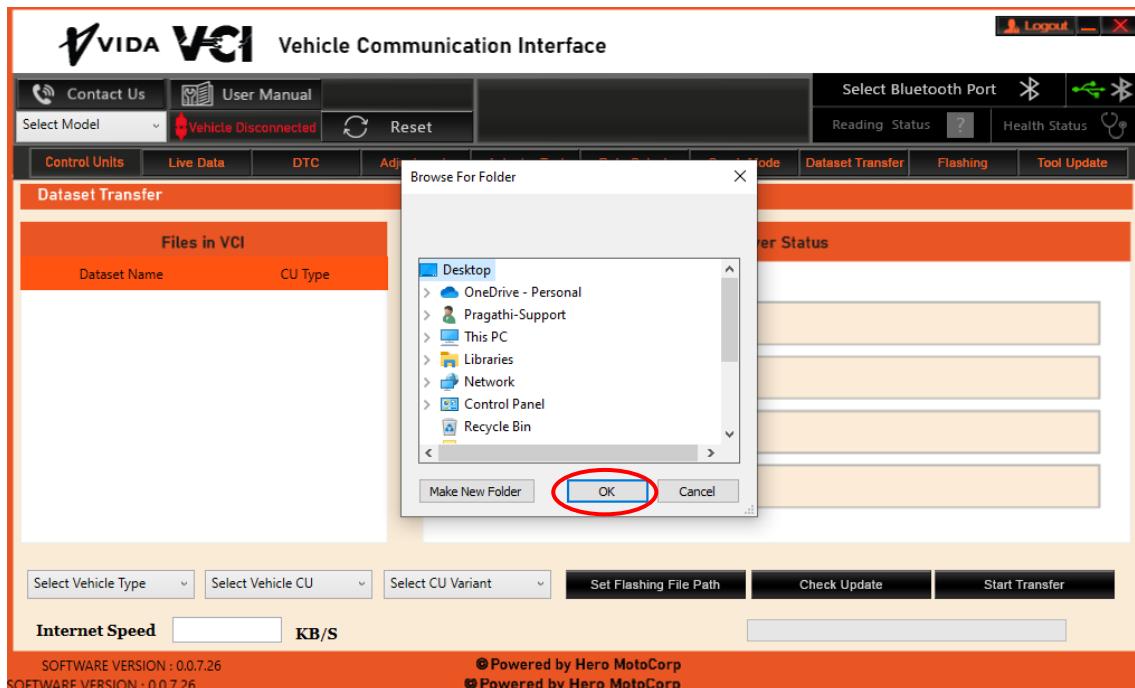
**STEP 4:** Click on the “Set Flashing File Path” button to create a new folder.

**Note:** Always ensure that the application is running in administrator mode.



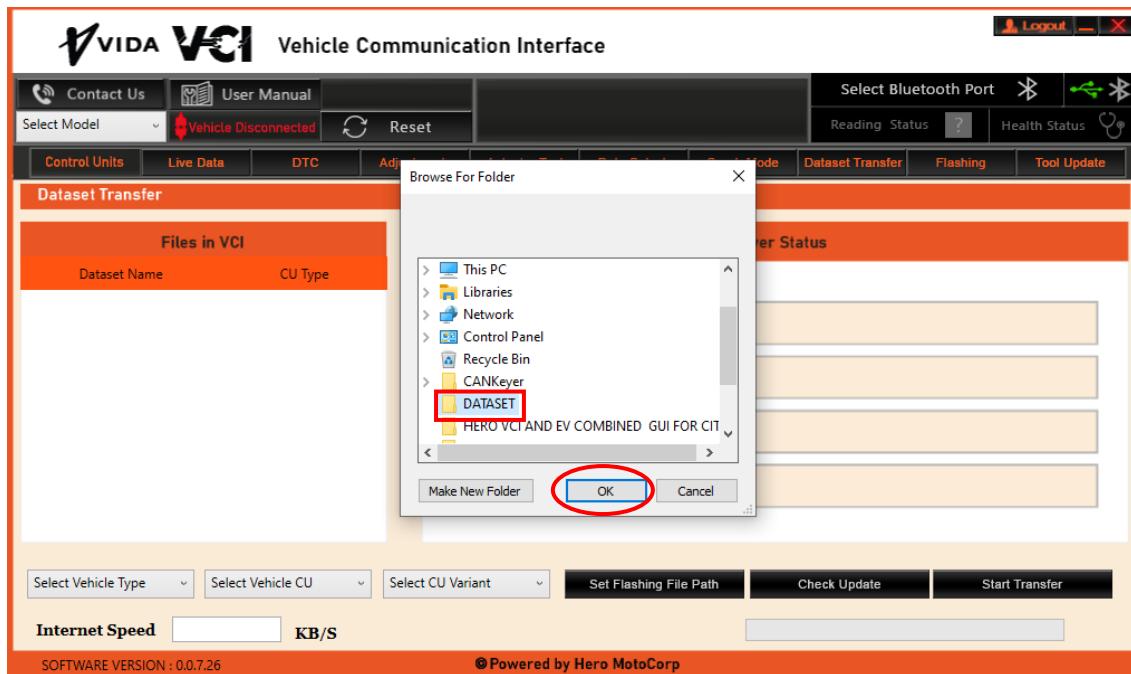
**STEP 5:** Click on the “Make New Folder” tab in the opened select folder window to create a new folder.

# VIDA MANUAL

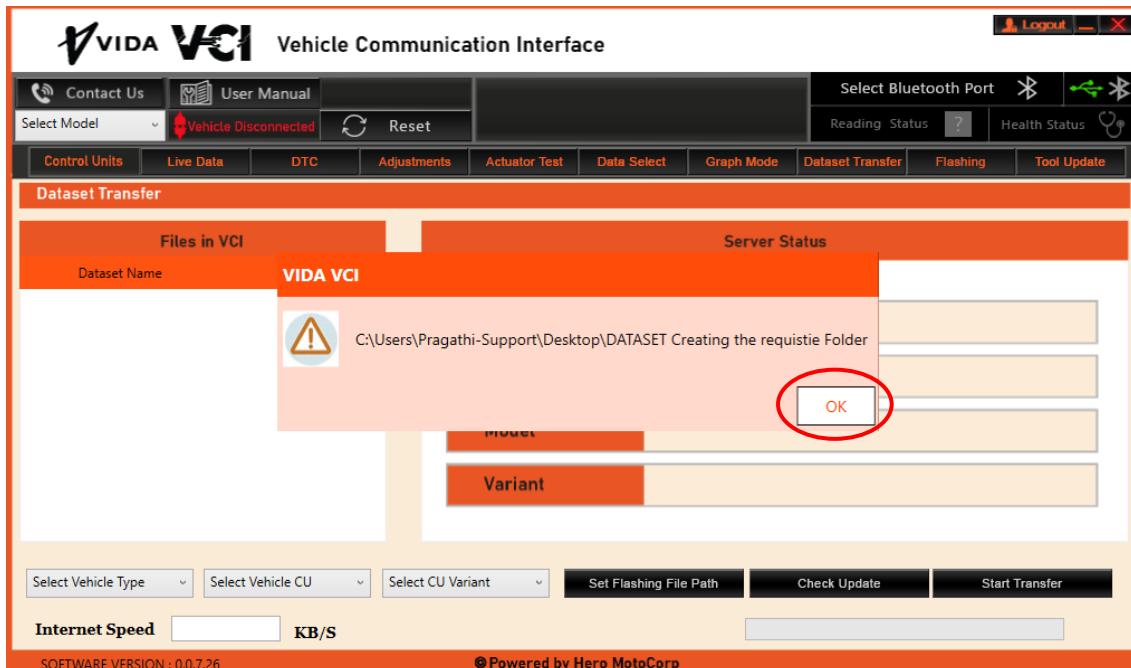


**STEP 6:** Once “New Folder” is created then change the new folder name as “DATASET” and select the “DATASET” folder and click “OK” to save the path automatically.

# VIDA MANUAL

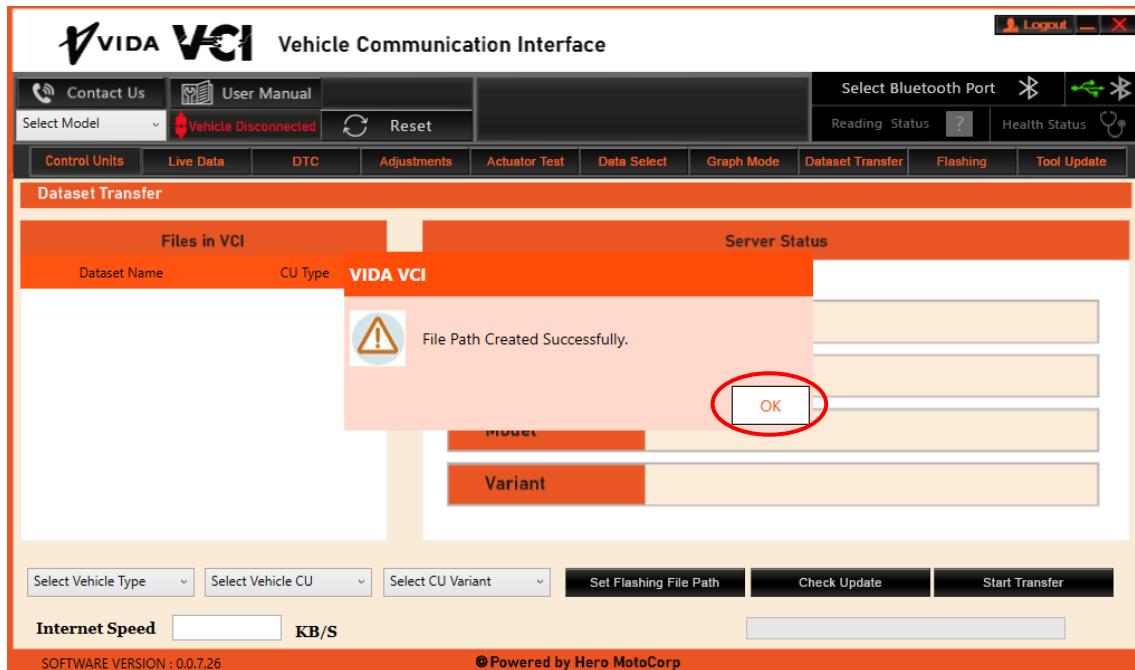


**STEP 7:** Click “OK” to continue.



**STEP 8 -** A new window will be displayed as “File Path Created Successfully” clicks OK to continue.

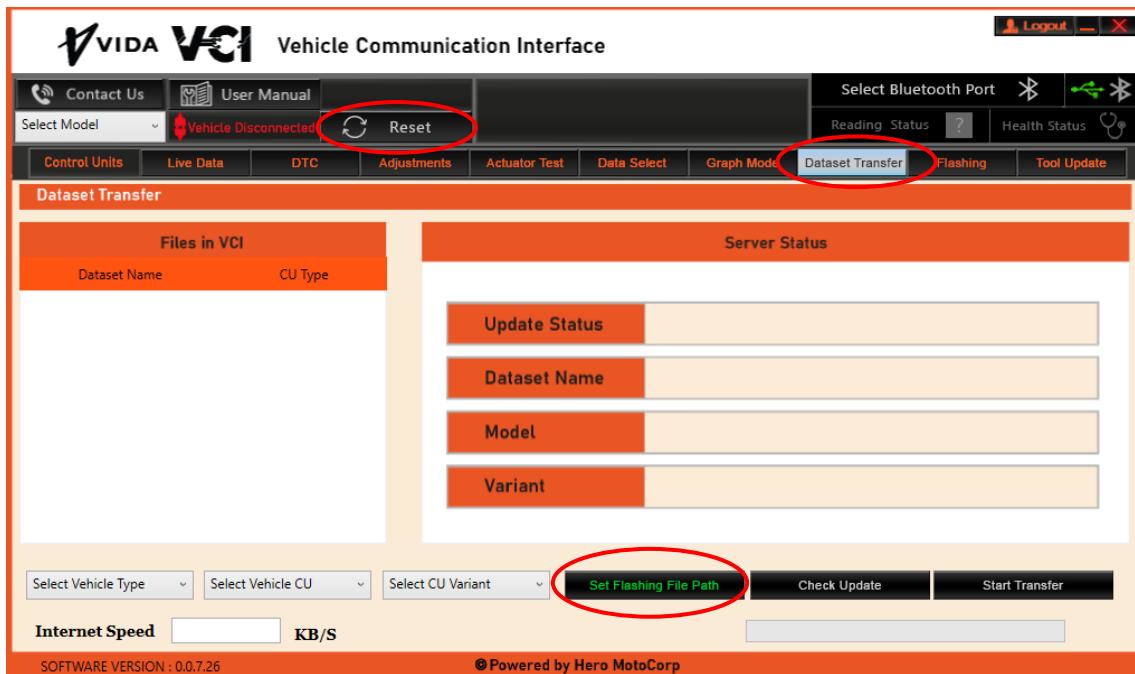
# VIDA MANUAL



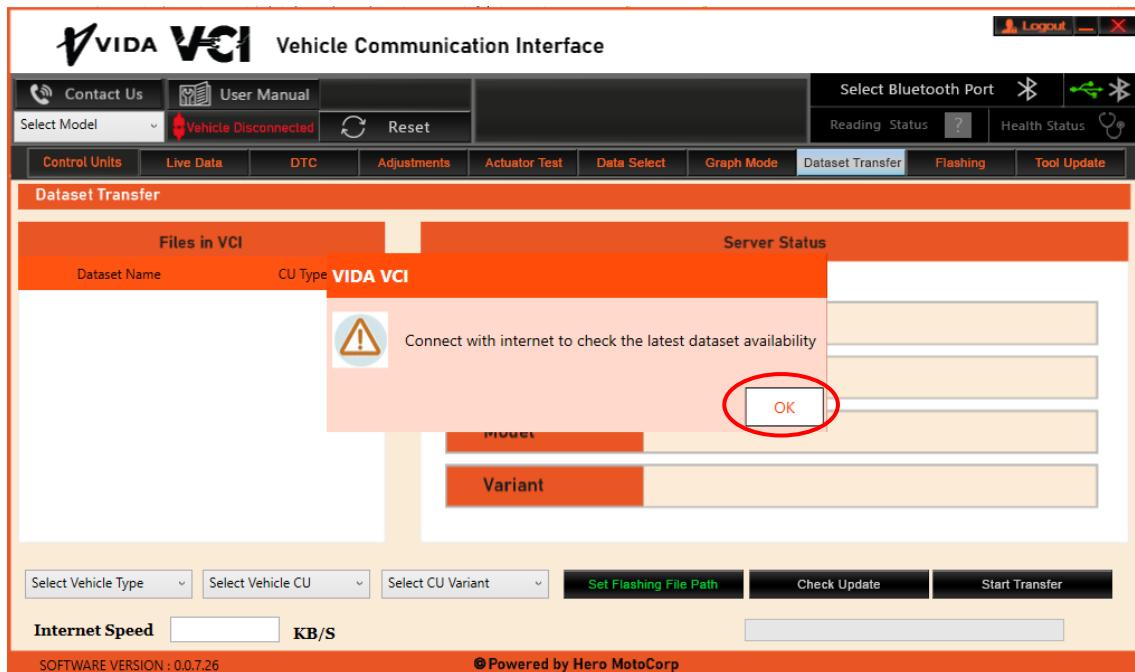
**STEP 9:** Now click on “Reset” tab on the application and select the “Dataset Transfer” tab again to continue the process.

After setting the ECU flashing file path, the “Set Flashing File Path” button text colour will be converted into green.

# VIDA MANUAL



**STEP 10:** Application will again ask to check the internet connectivity, if yes then click “OK” to proceed.



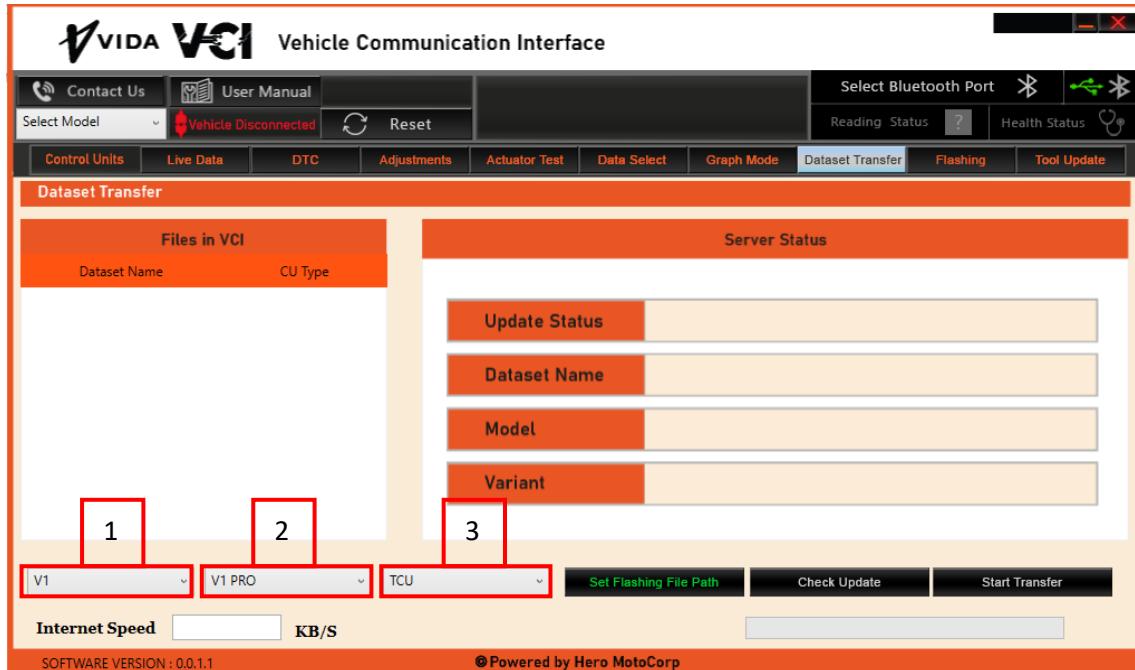
# VIDA MANUAL

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## STEP 11:

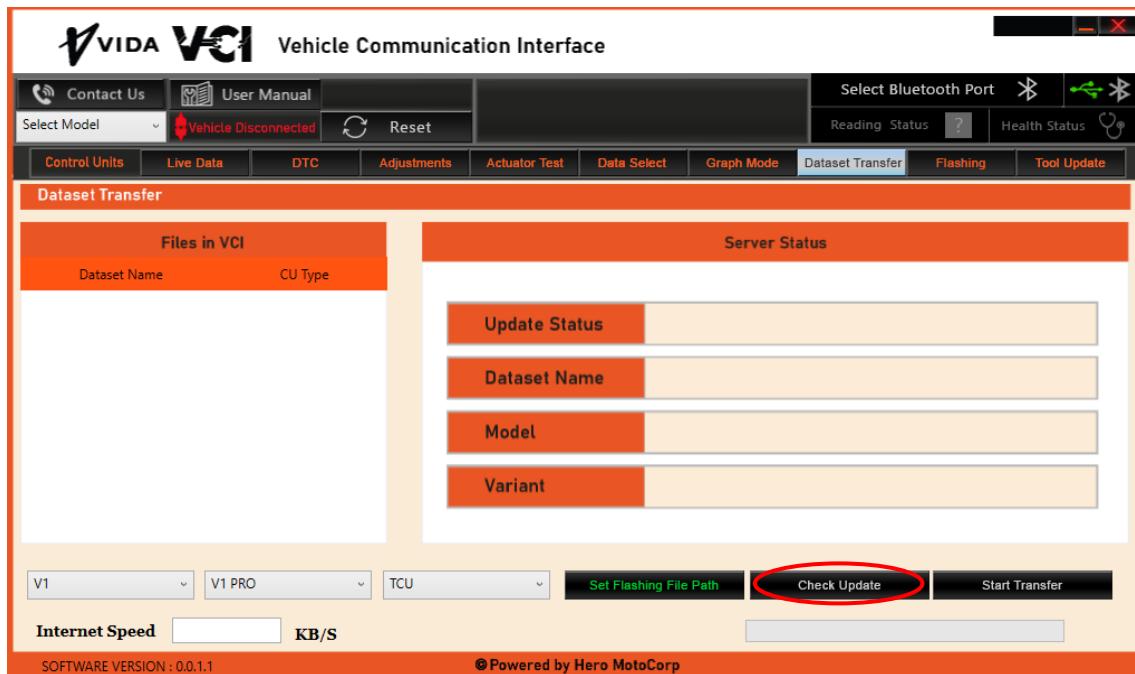
Select the following

1. Select vehicle type.
2. Select vehicle CU.
3. Variant in the selection box.



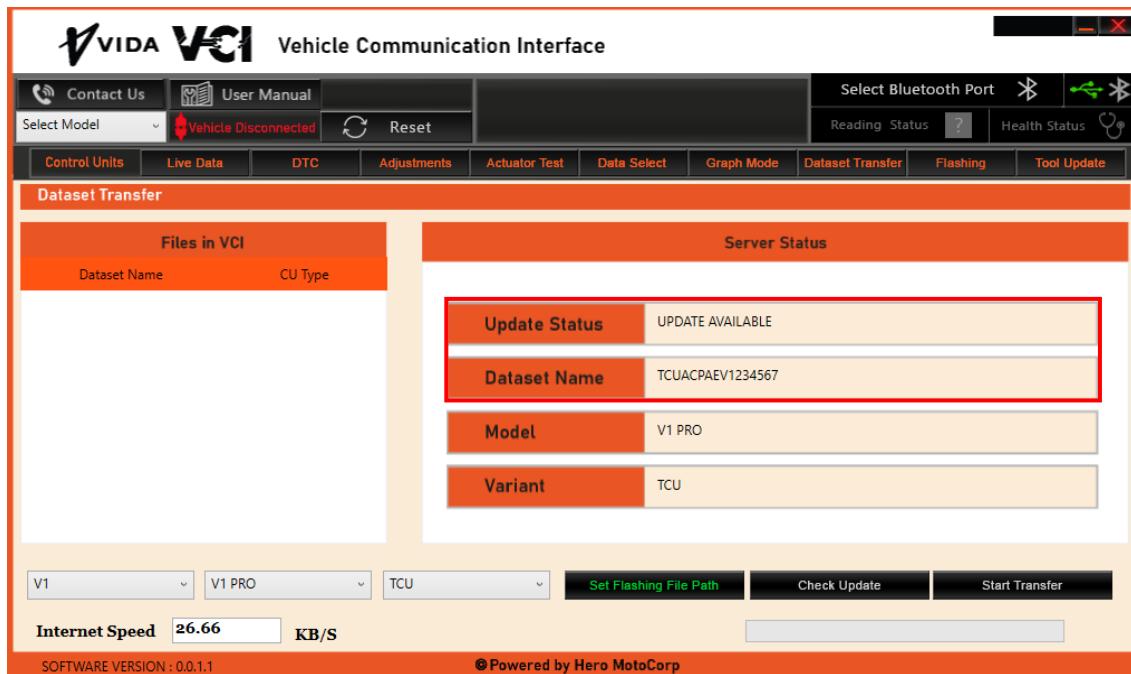
**STEP 12:** Click on “Check Update” to check the new ECU dataset update availability

# VIDA MANUAL

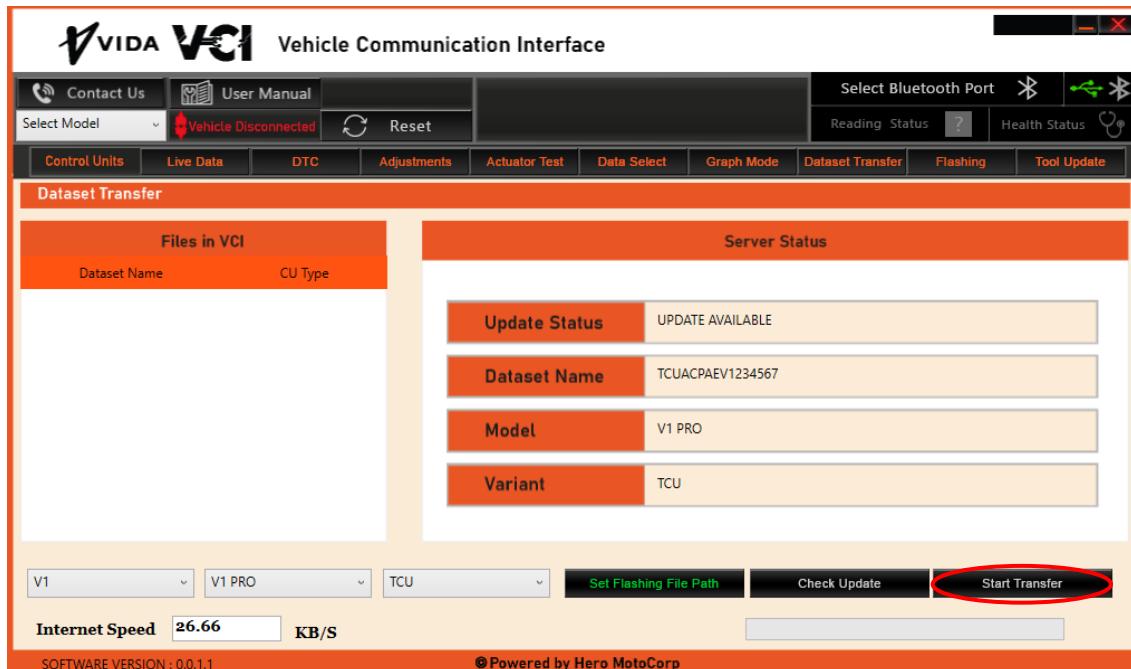


**STEP 12:** If new ECU dataset update is available then it will show in the update status box as “Update Available” and also show the ECU Cal-ids will appear in the Cal id” option for reference.

# VIDA MANUAL



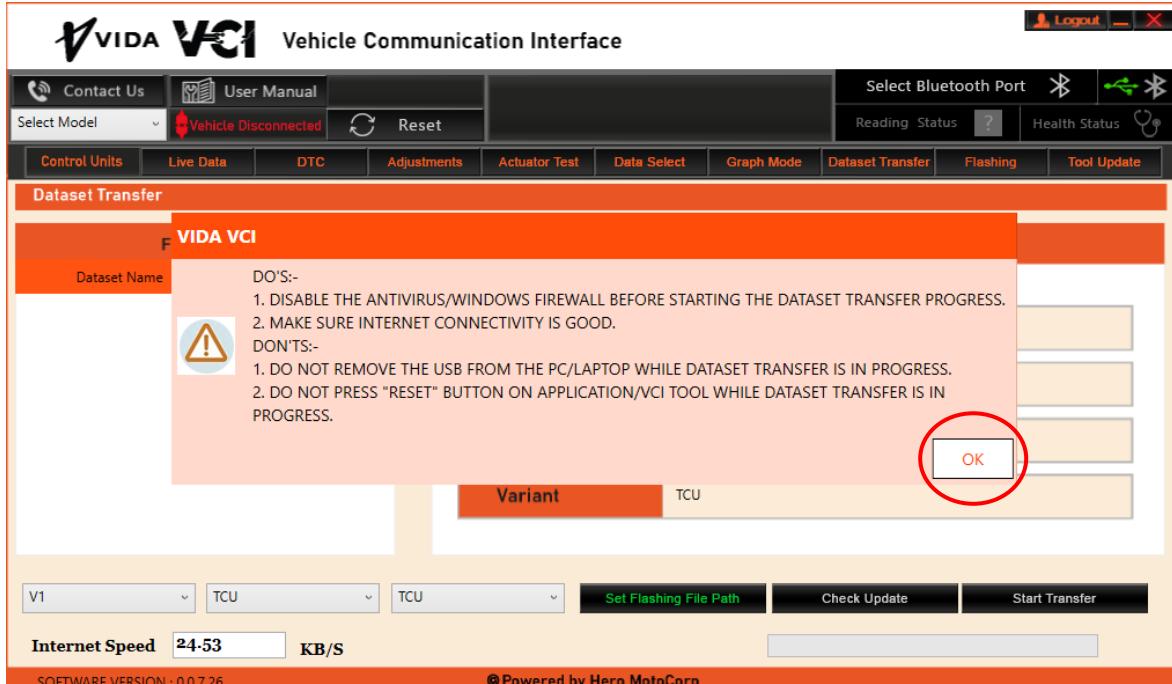
**STEP 13:** Click on the “**Start Transfer**” button to start the downloading of the new ECU dataset from the server.



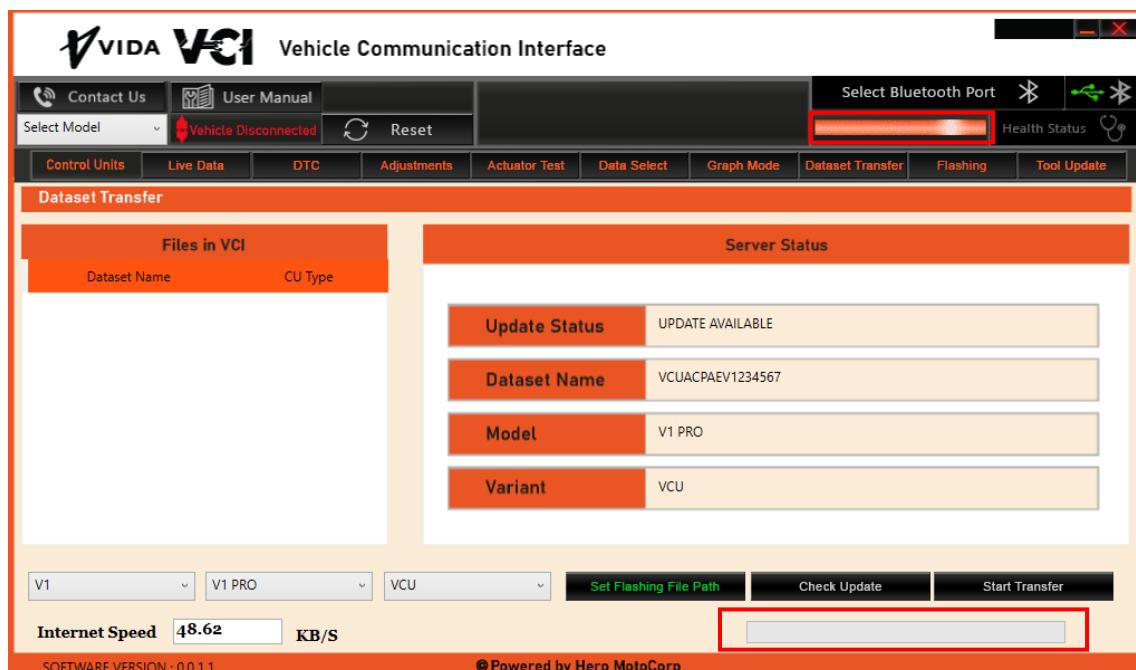
# VIDA MANUAL

**STEP 14:** Read the “**Do and Don'ts**” carefully and then click on “OK” to continue.

**STEP 15:** Once click on “OK” button then downloading of new ECU dataset process will start automatically.



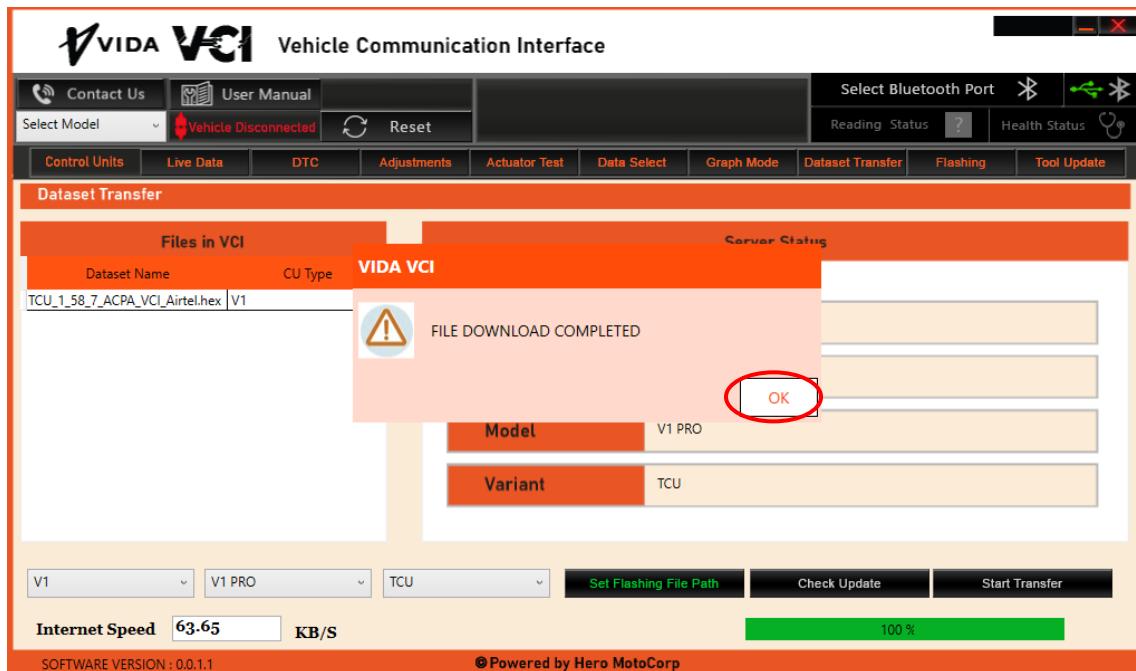
**STEP 16:** Progress bar will appear to show the downloading is in process.



# VIDA MANUAL

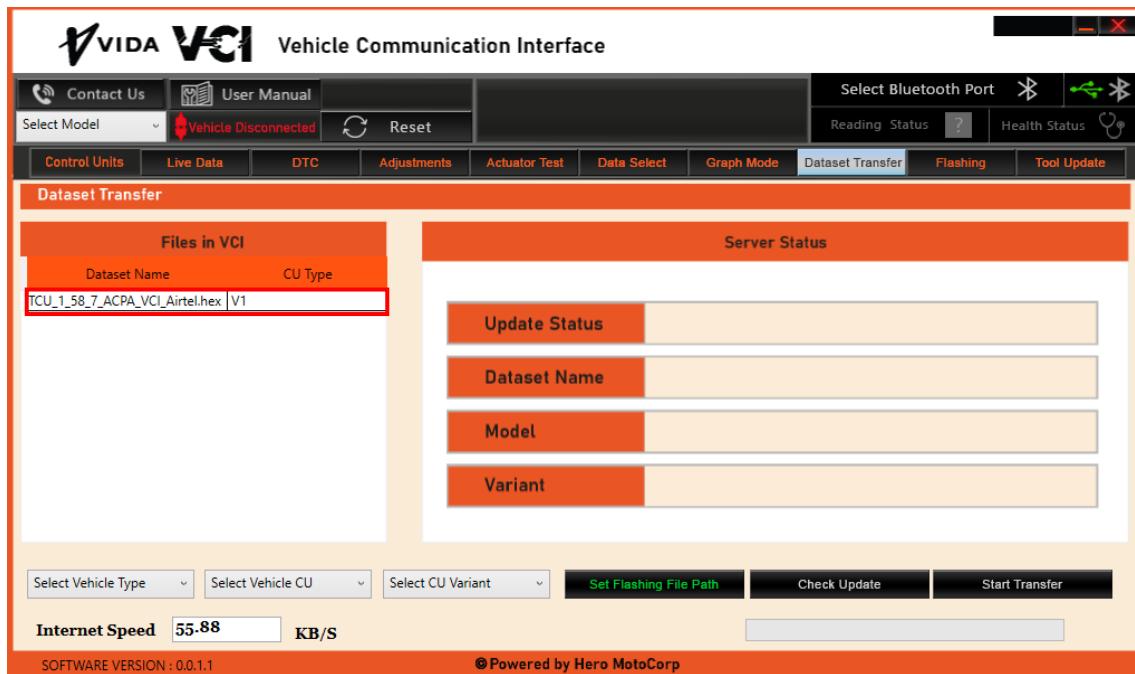
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**STEP 17:** Once the new ECU dataset file is downloaded a popup will appeared as “[File Download Completed](#)”, click on “OK” button to continue for next step.



**STEP 18:** After downloading the new ECU dataset file, file name will start displaying in the file box.

# VIDA MANUAL



**STEP 19:** Now, close the VCI application and restart again, also click on “RESET” button provided on the VCI tool.

# VIDA MANUAL

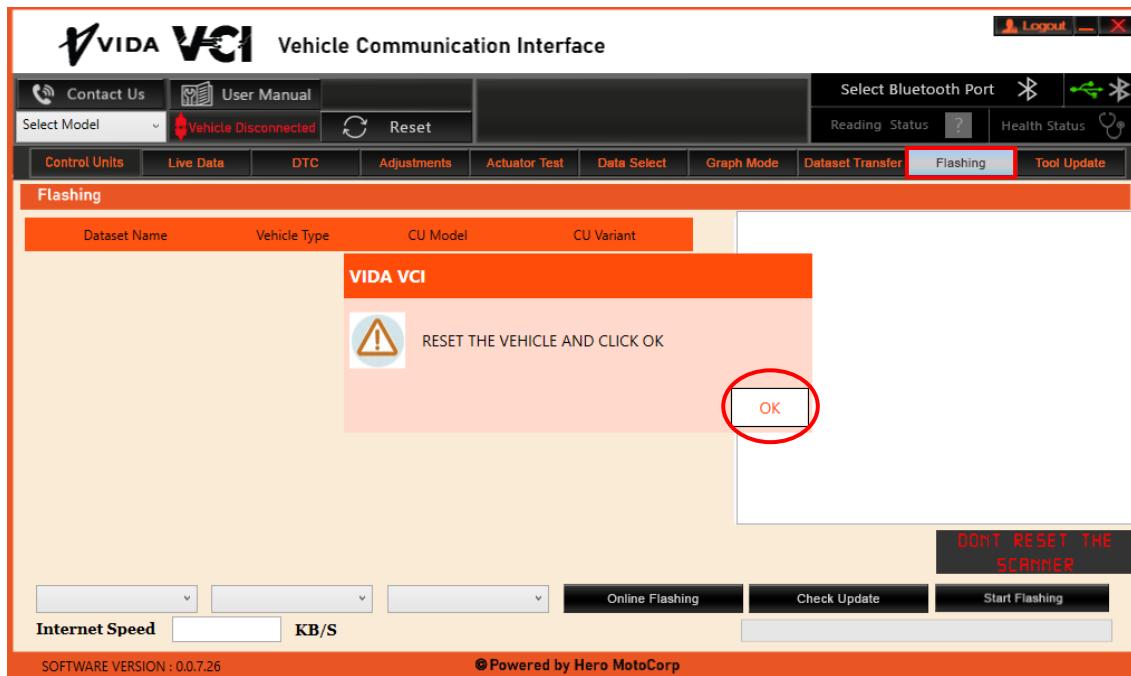
## II.FLASHING



**STEP 1:** To start the ECU flashing click on “[Flashing](#)” button.

**STEP 2:** A popup will appear “[Rest the ECU and click OK](#)”, click OK to start the process.

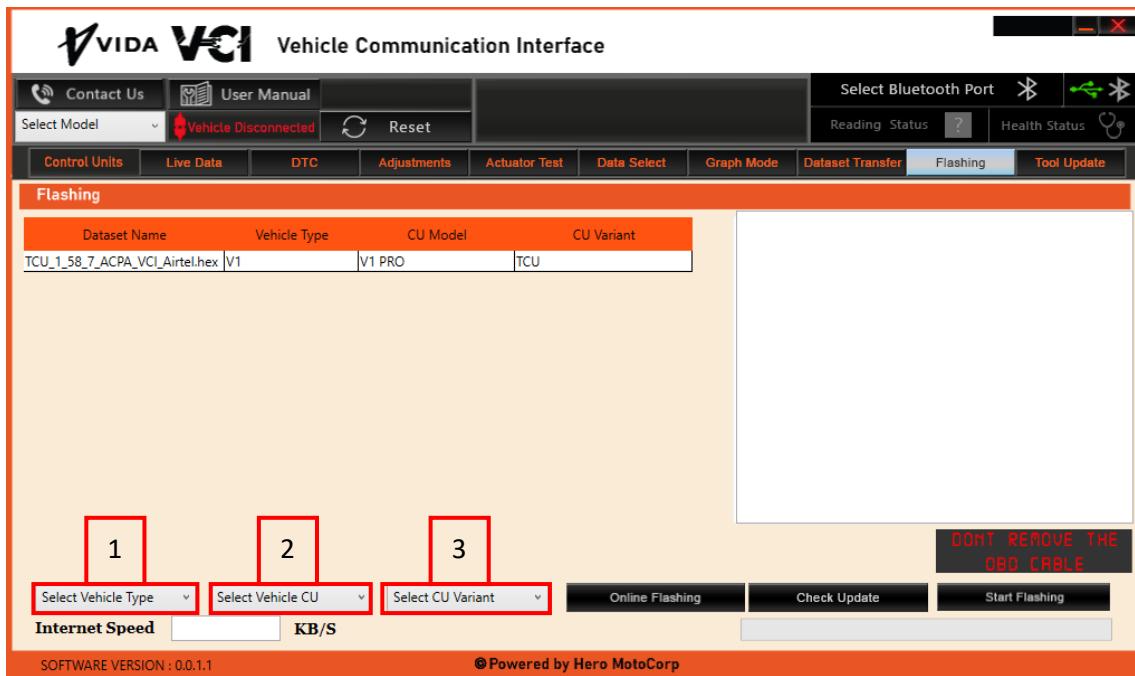
# VIDA MANUAL



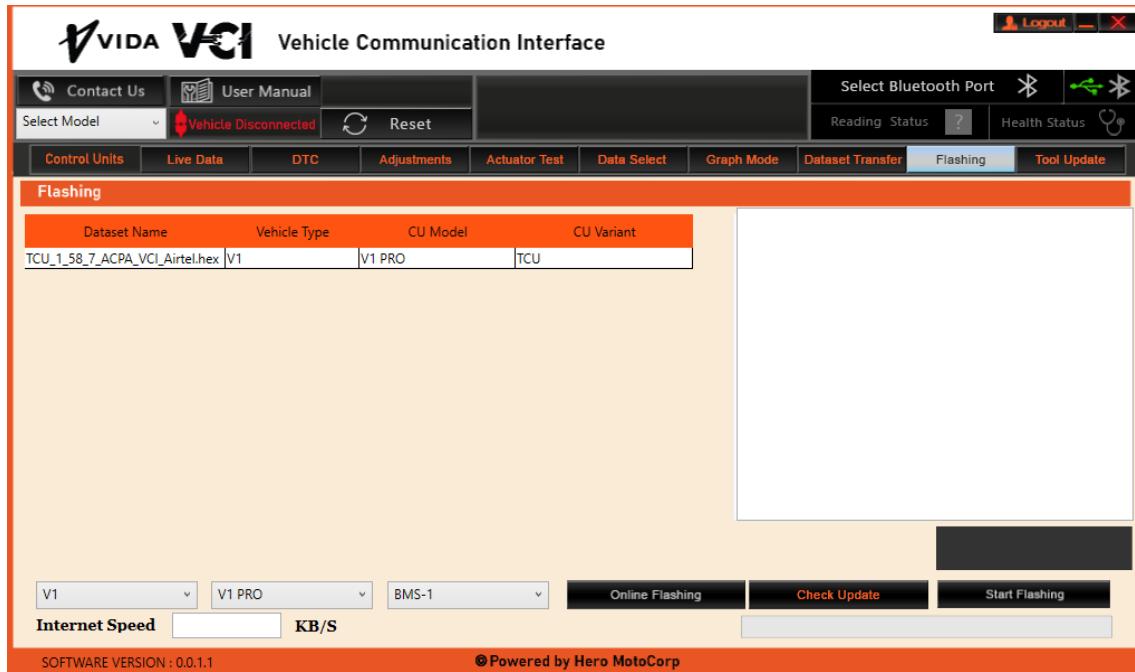
## STEP 3: Select the following

1. Select vehicle type.
2. Select vehicle CU.
3. Select CU variant.

# VIDA MANUAL

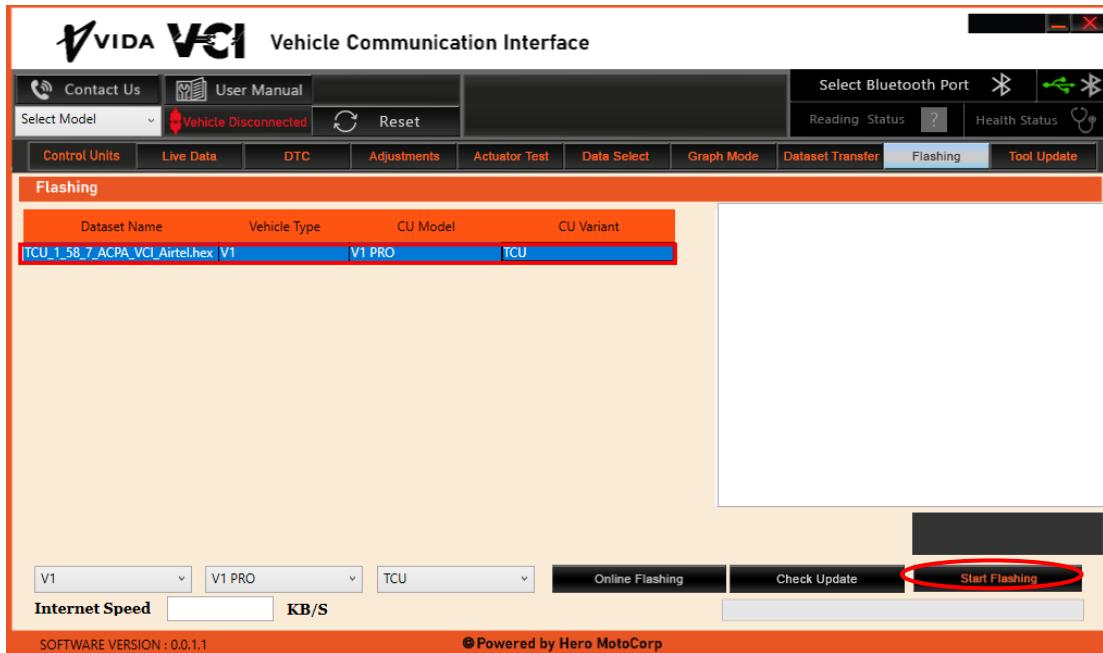


**STEP 4:** Click on “Check Update” button to refresh the file list.



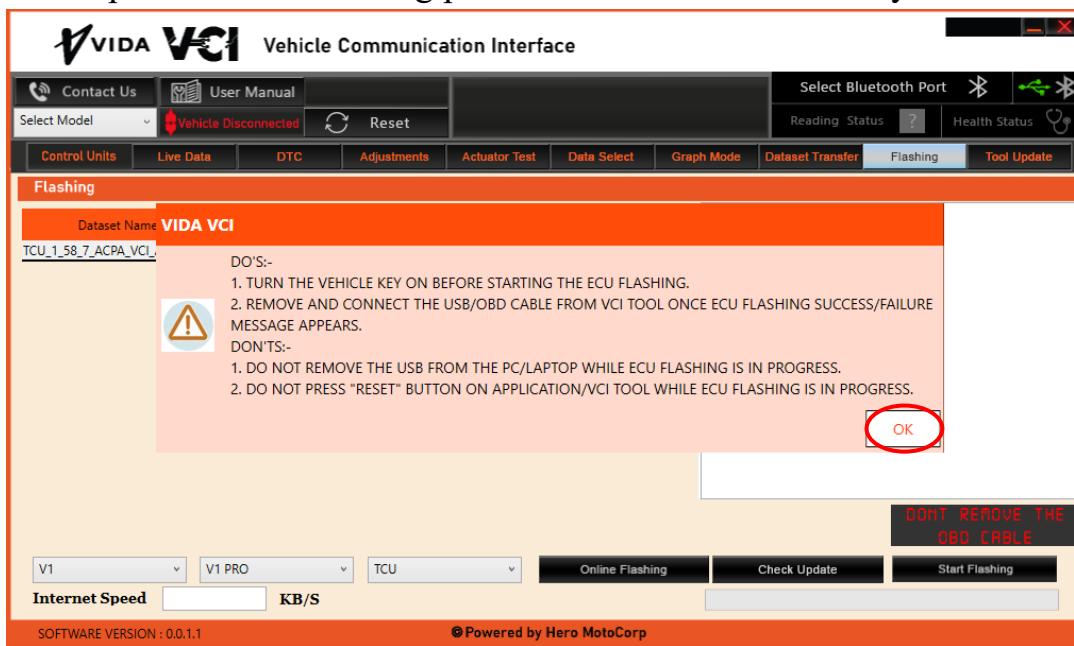
# VIDA MANUAL

**STEP 5:** Select the appropriate file from the list and click on “**Start Flashing**” button to start the ECU flashing with new dataset.



**STEP 6:** Read the **Do & Don'ts** carefully and click on “OK”.

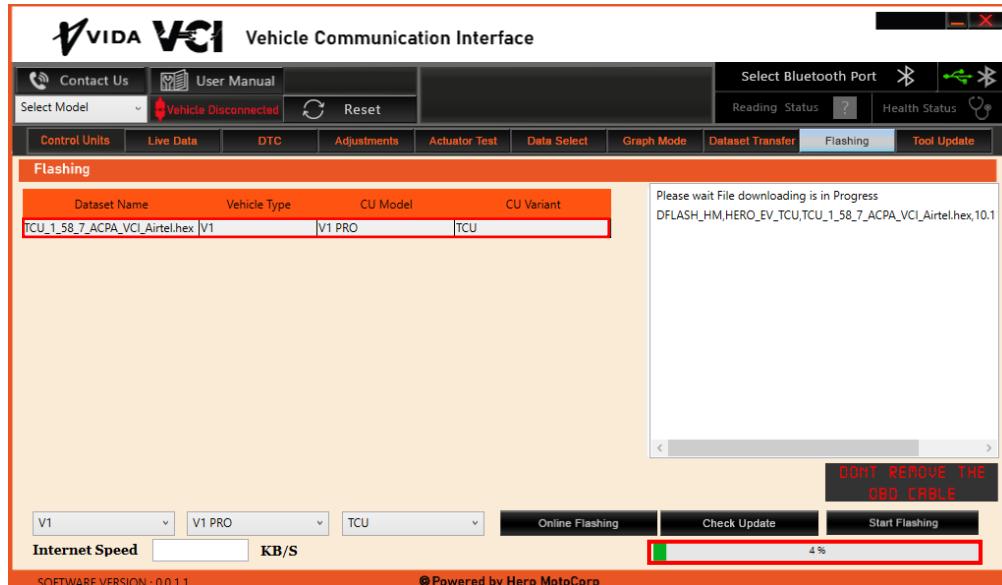
Once “OK” button is pressed ECU flashing process will start automatically.



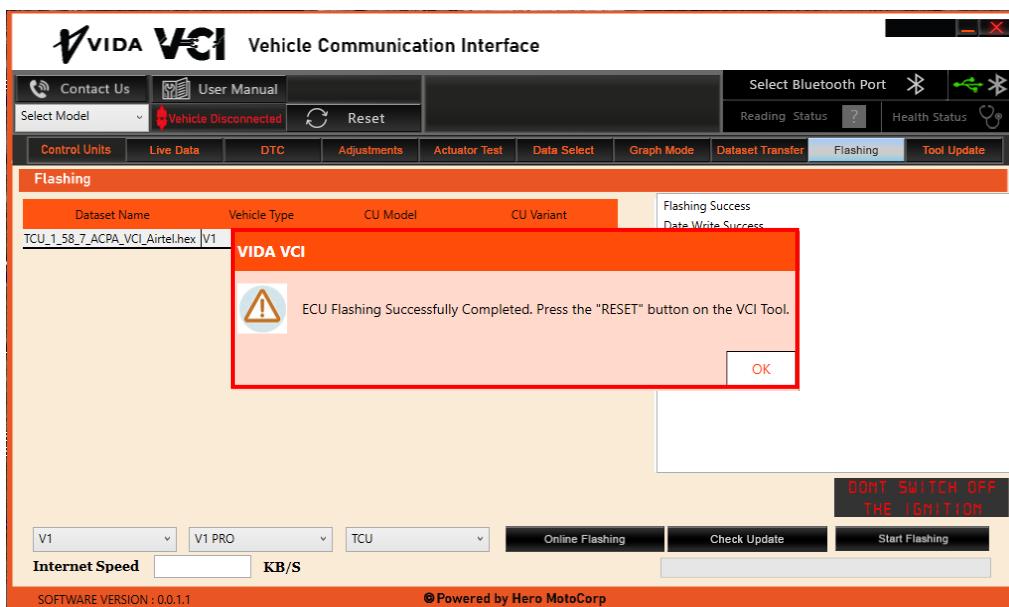
# VIDA MANUAL

Status bar will start reflecting the ECU flashing is in process.

**STEP 7:** Note: Do not “Reset” the VIDA tool and application and also do not turned OFF the ignition switch when ECU flashing is in process.



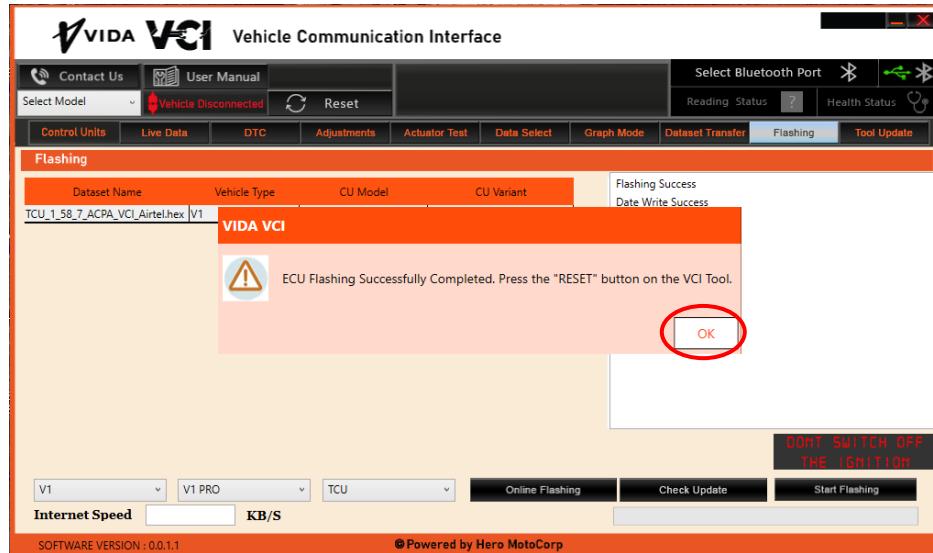
**STEP 8:** Once ECU flashing is completed, successful message will appear on the screen.



# VIDA MANUAL

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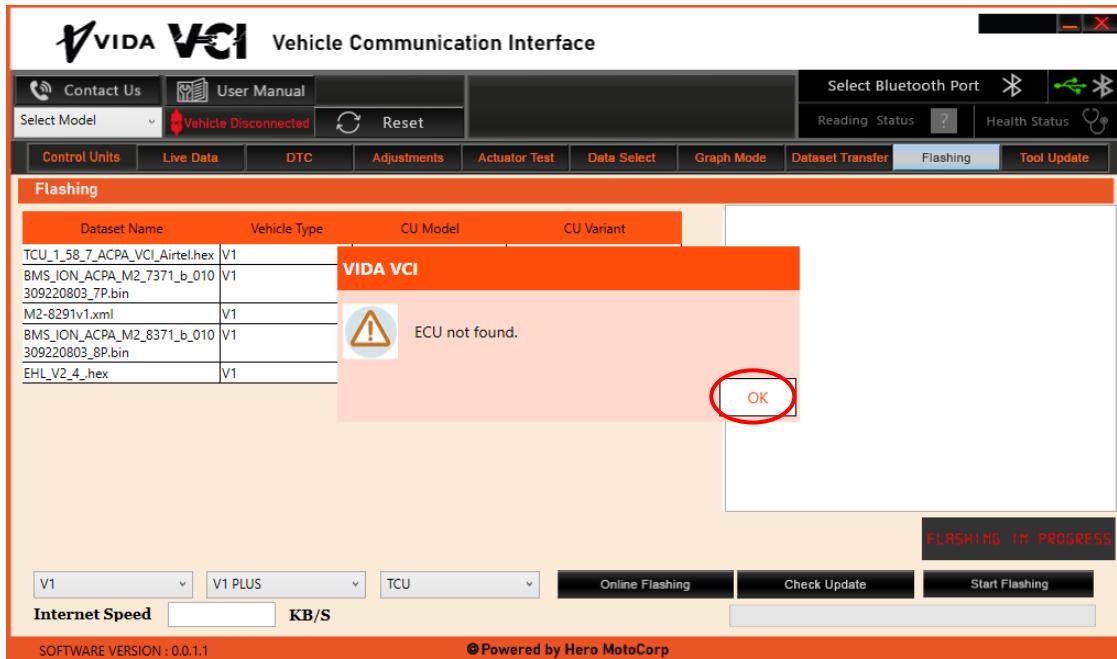
**STEP 9:** Now click on “OK” button and turned OFF the ignition switch and turned ON after 30 sec.



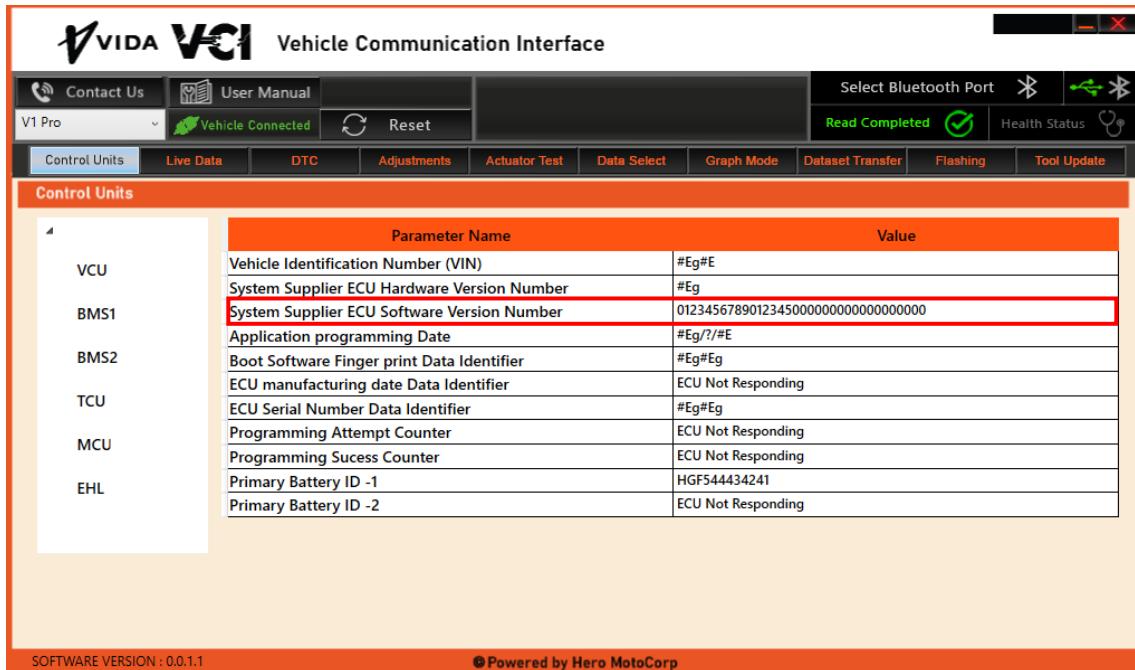
**STEP 10:** Close and restart the application also press the reset button provided on VIDA tool.

**STEP 11:** While ECU flashing if user has selected the wrong model and try to flash the ECU, software will display the message and will not start the ECU flashing to avoid the wrong ECU flashing.

# VIDA MANUAL



**STEP 11:** Finally start engine and select the appropriate model to check the new ECU update details in the “ECU Details” tab.



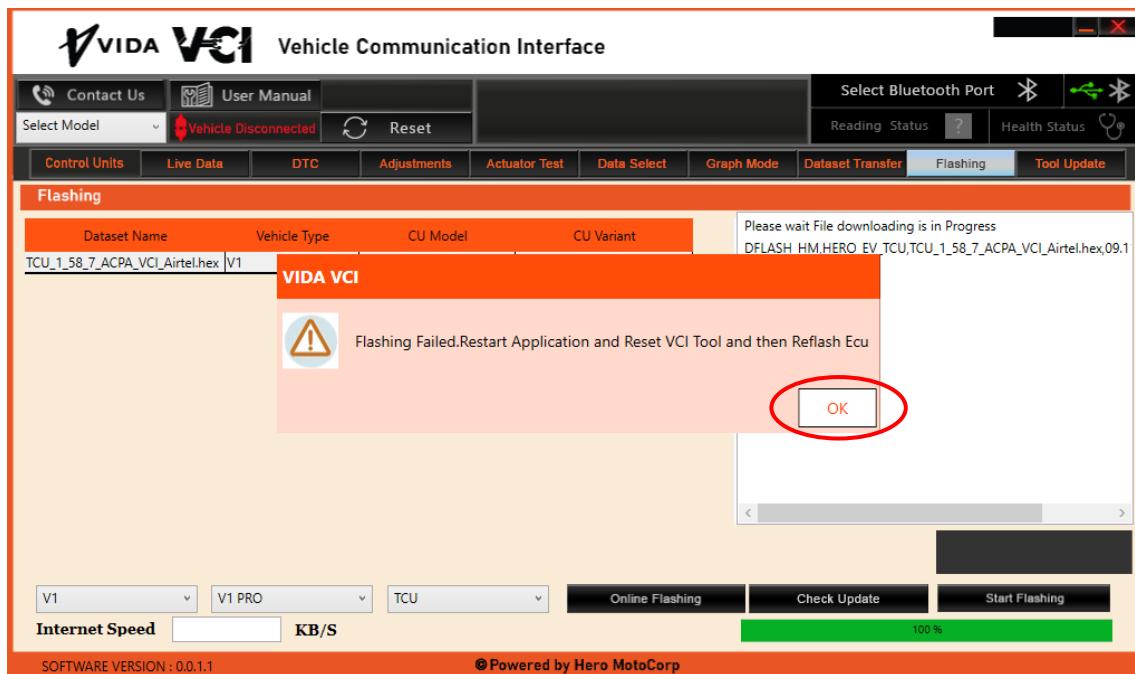
# VIDA MANUAL

**STEP 12:** During ECU dataset flashing if ECU connection is disconnected then “Flashing Failed” message will appear.

**STEP 13:** In case, ECU flashing get failed during the process, disconnect the VCI Tool from the vehicle and reconnect it.

**STEP 14:** Press the Reset Button on the VCI Tool and also restart the VCI Application.

**STEP 15:** Try to flash the same vehicle again until it flashes successfully.



## 2. Online ECU Flashing Process



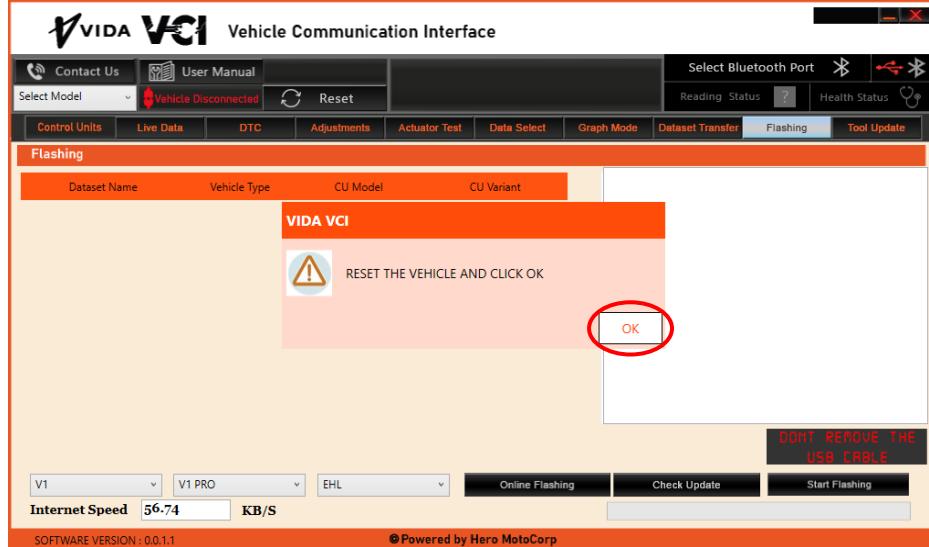
**STEP 1:** Connect the VCI tool with the vehicle to be flashed and switch ON the ignition.

**STEP 2:** For Online flashing of the vehicles, select “Flashing” option “[RESET THE ECU AND CLICK OK](#)” popup will appear, click on “OK” to continue.

Ensure the internet connection is good before selecting “OK”.

# VIDA MANUAL

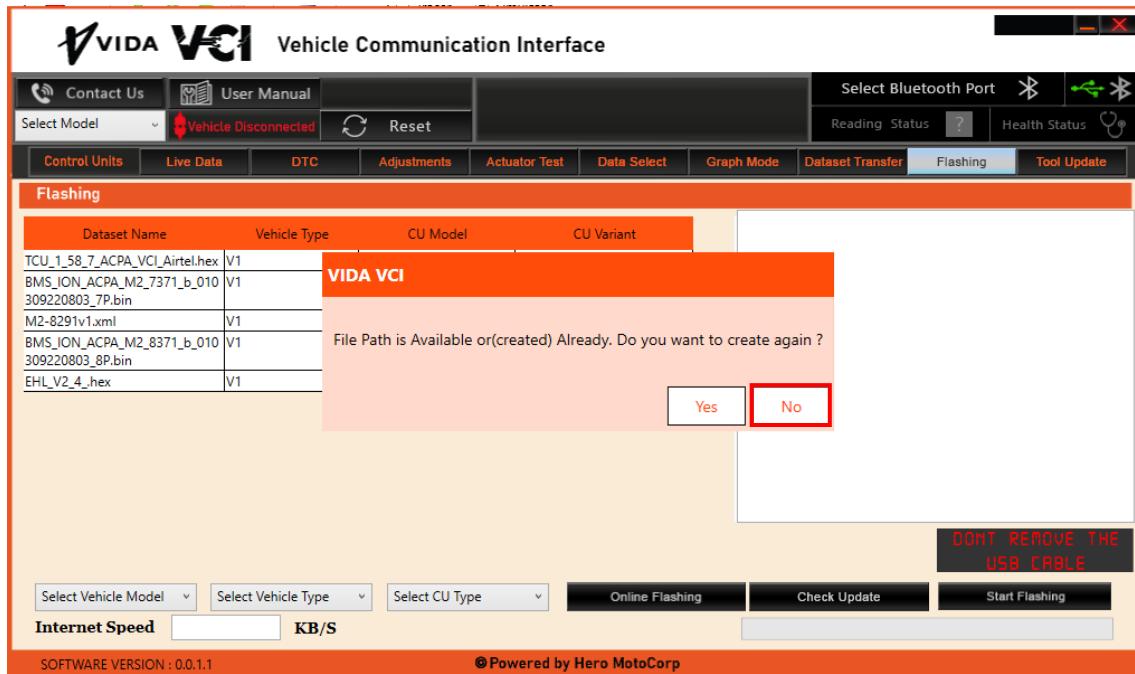
---



**STEP 3:** While selecting the “Online flashing” option a pop-up will appear (if Flashing file path is already created)-“File path is available or created already, Do you want to create again”. Click on “NO” to continue.

Note: Do not select the “Yes” and create a new folder once again.

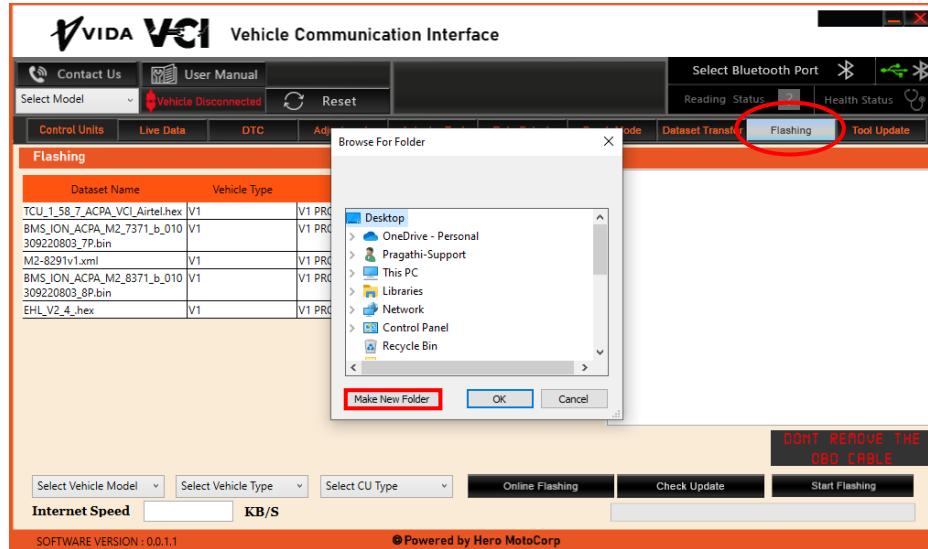
# VIDA MANUAL



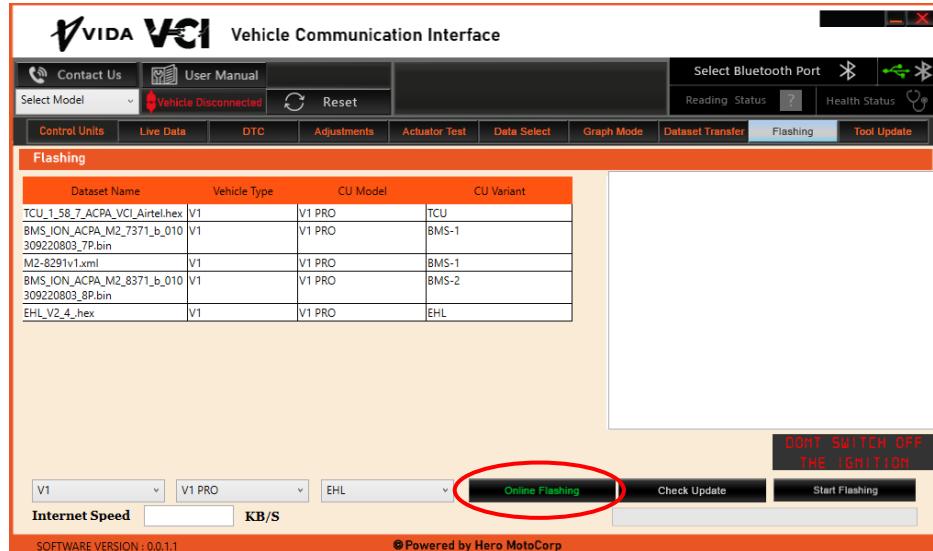
**STEP 4:** If flashing file path is not set, it is mandatory to set the “**Flashing File Path**” in Online ECU Flashing mode also.

When you click on “**Online Flashing**” button, it will ask you to set “Flashing File Path” automatically. In case, if the path is not selected for Online flashing, it will not proceed to ECU Flashing.

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**STEP 5:** Once the flashing file path has been created, online flashing will be enabled , the “Online Flashing” button colour will be converted into green.



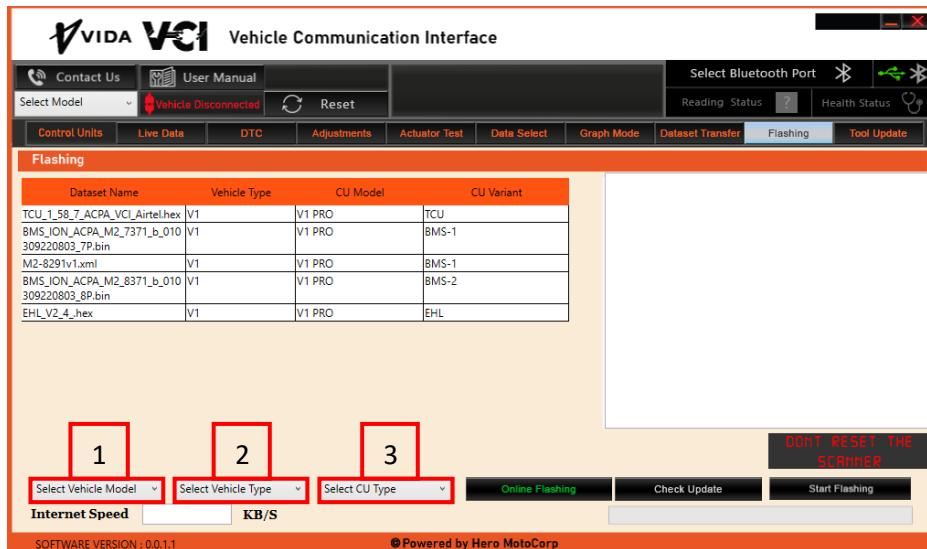
**STEP 6:**

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Select the following

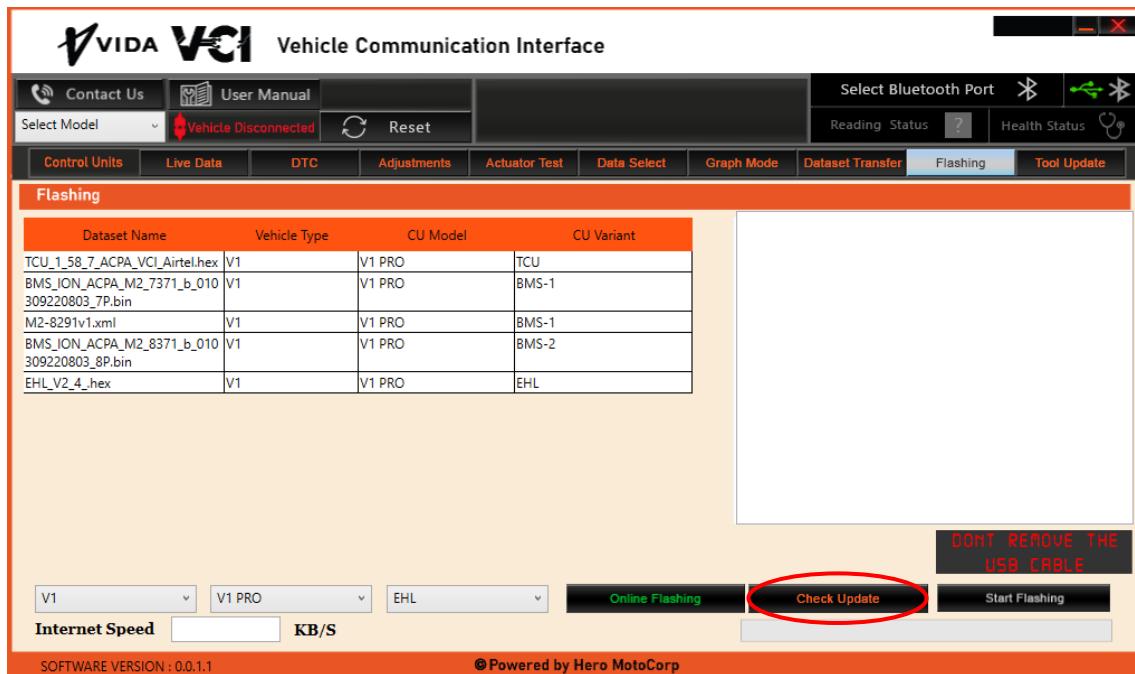
Note: Select only correct ECU, Model and Variant

1. Select vehicle type.
2. Select vehicle CU.
3. Select CU variant.



**STEP 7:** Click on the “Check Update” button to check the new ECU dataset file availability.

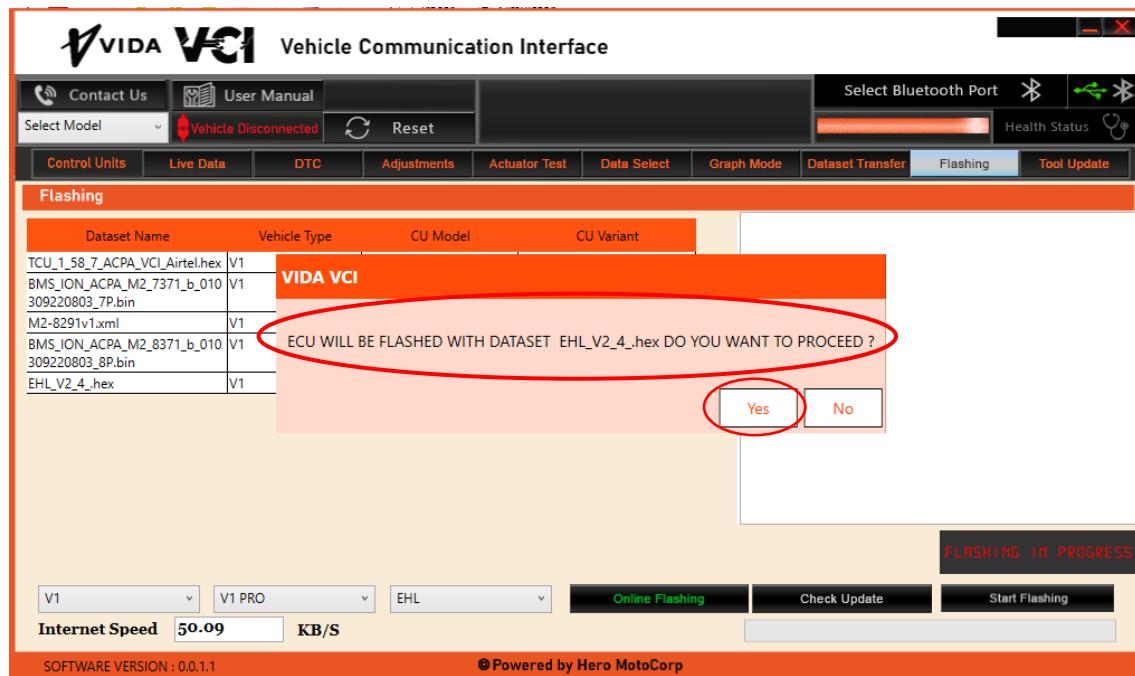
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**STEP 8:** A message will be displayed as “ECU WILL BE FLASHED WITH **xxxxxx** Do YOU WANT TO PROCEED”

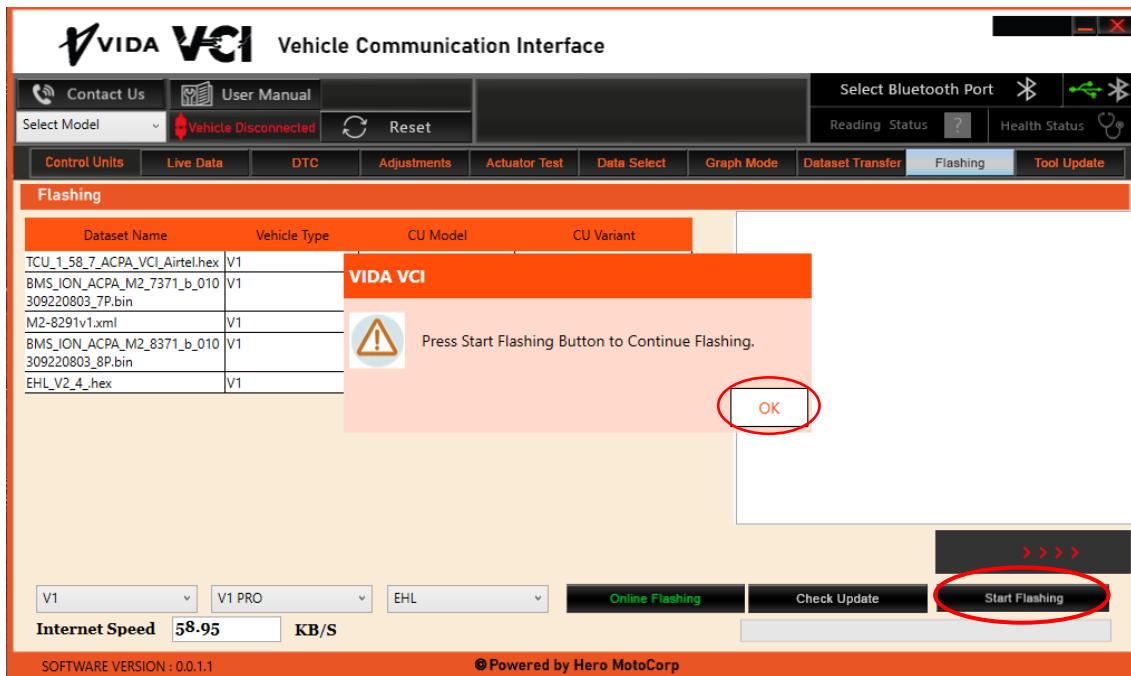
**STEP 9:** Press “YES” button to go to the next step.

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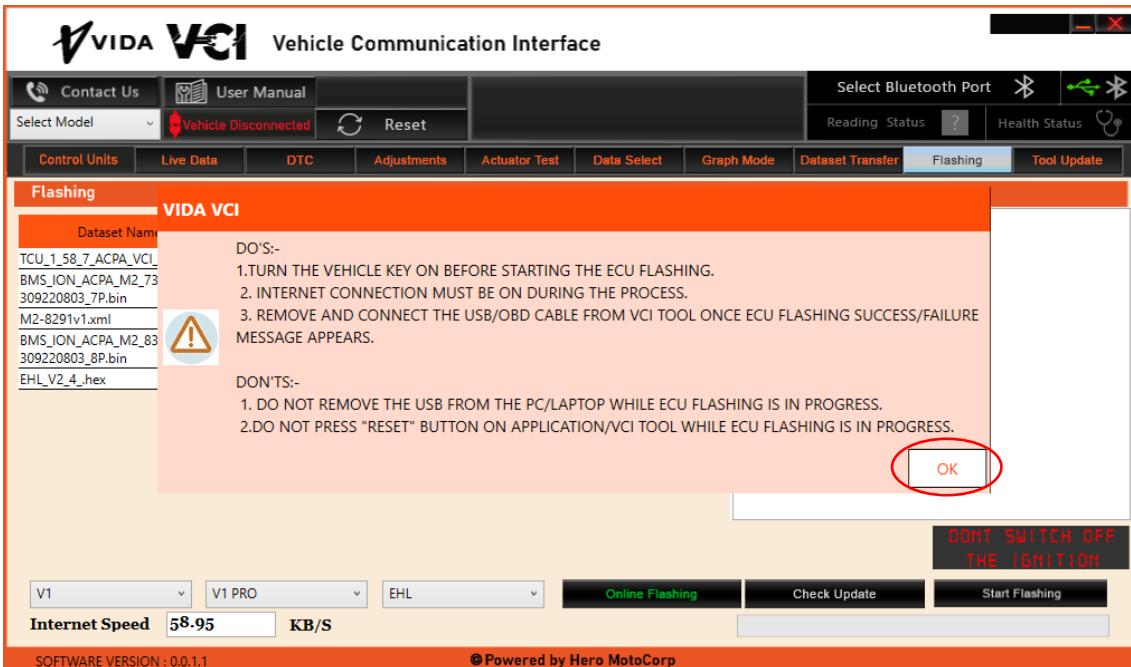


**STEP 10:** Now select the “[Start Flashing](#)” button to start the online ECU dataset flashing.

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**STEP 11:** Read the instruction and click on OK.

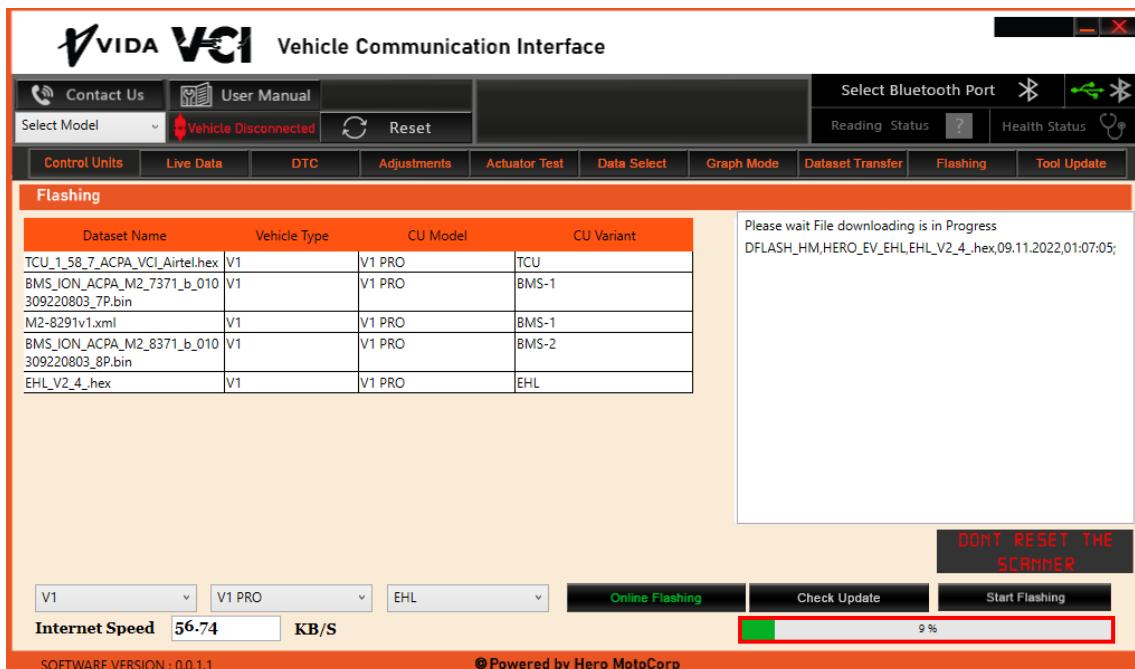


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**STEP 12:** Read the Do & Don'ts carefully and click on “OK”. Once “OK” button is pressed ECU flashing process will start automatically

**STEP 13:** Status bar will start reflecting the ECU flashing is in process.

**Note:** Do not “Reset” the VCI tool and application and also do not turn OFF the ignition switch when ECU flashing is in process.

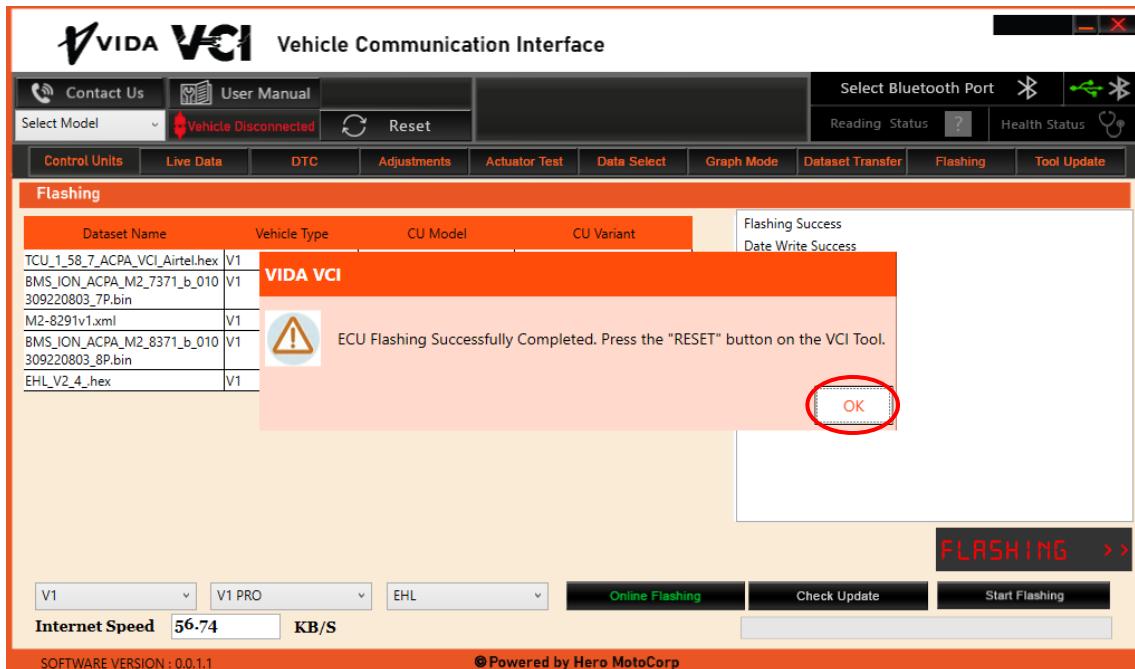


**STEP 14:** Once ECU flashing is completed, successful message will appear on the screen.

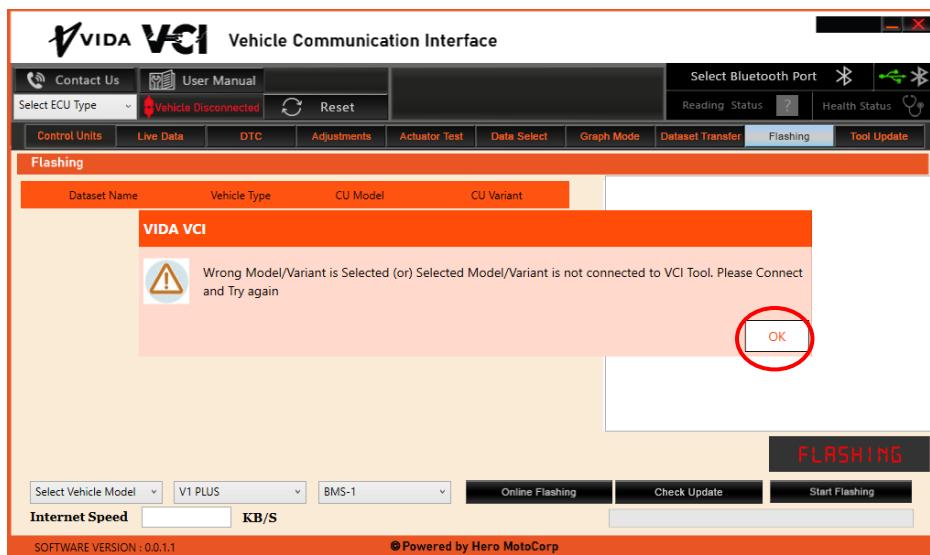
**STEP 15:** Now click on “OK” button and turn OFF the ignition switch and turn it ON after 30 secs.

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**STEP 16:** Close and restart the application also press the reset button provided on VCI tool.



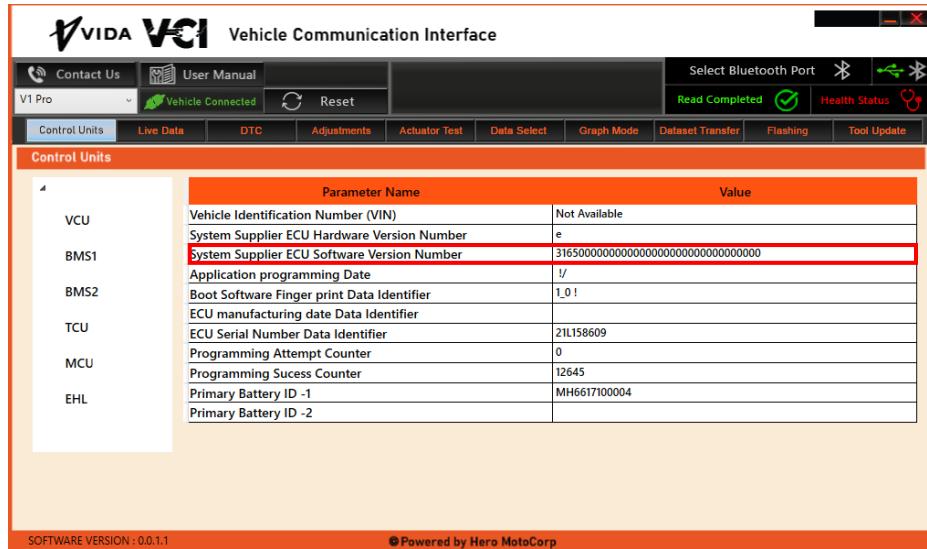
**STEP 17:** During ECU dataset flashing if user select the wrong model and start the ECU flashing then software will display the message and will not start the ECU flashing to avoid the wrong ECU flashing.



# VIDA MANUAL

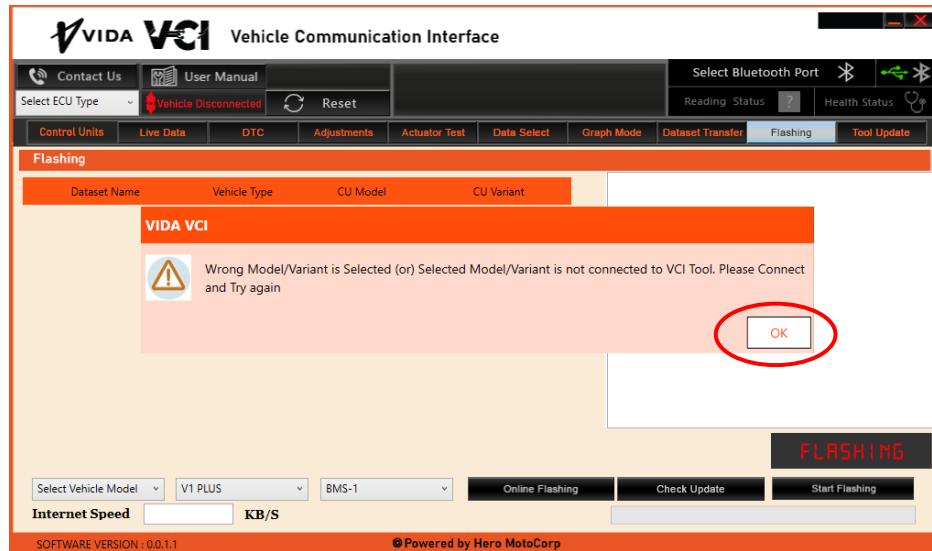
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**STEP 18:** Finally start engine and select the appropriate model to check the new ECU update details in the “ECU Details” tab.



**STEP 19:** While ECU flashing if user select the wrong model and start the ECU flashing, then software will display the above message and will not start the ECU flashing to avoid the wrong ECU flashing.

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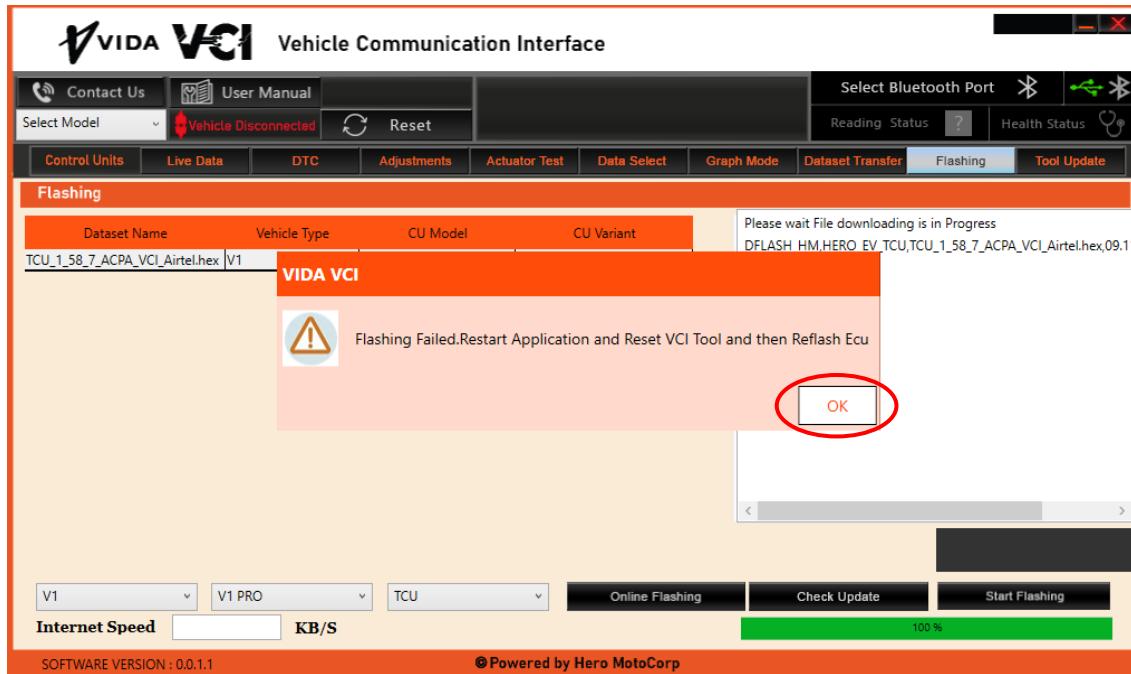
**STEP 20:** During ECU dataset flashing if ECU connection is disconnected then “Flashing Failed” message will appear.

**STEP 21:** In case, ECU flashing get failed during the process, disconnect the VCI Tool from the vehicle and reconnect it.

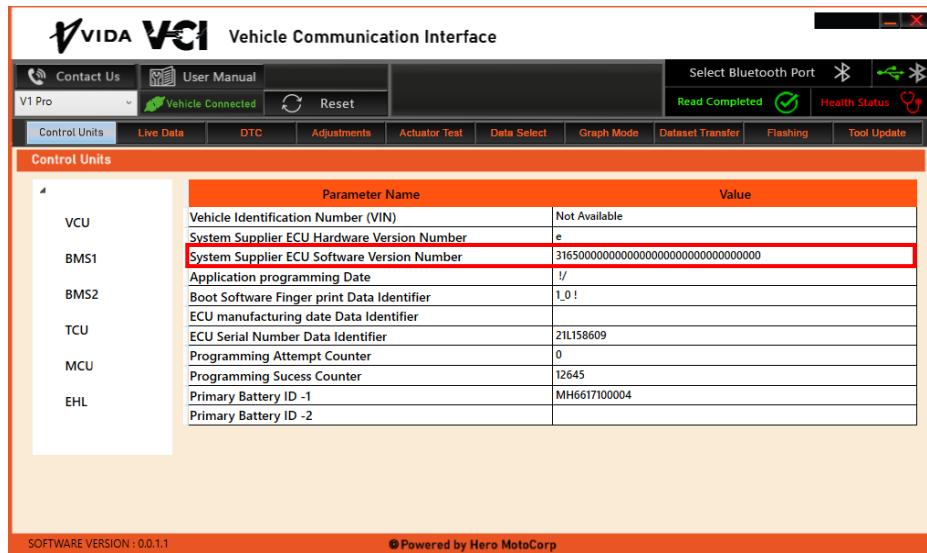
**STEP 22:** Press the Reset Button on the VCI Tool and also restart the VCI Application.

**STEP 23:** Try to flash the same vehicle again until it flashes successfully.

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**STEP24**-Finally start engine and select the appropriate model to check the new ECU update details in the “ECU Details” tab.



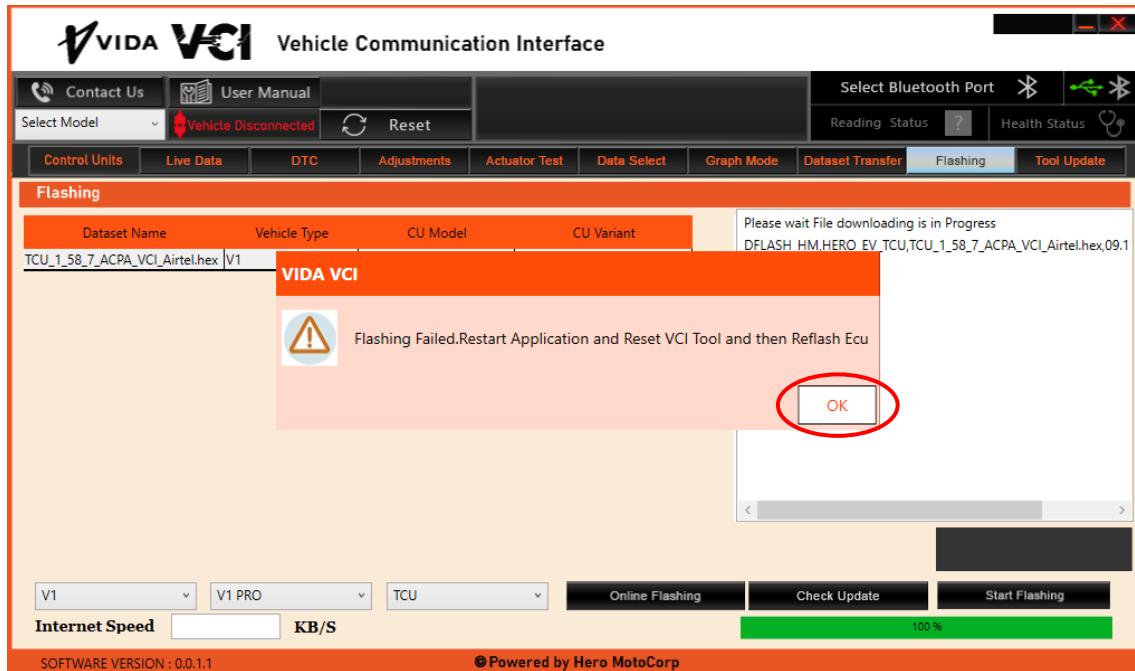
**STEP 25:** During ECU dataset flashing if ECU connection is disconnected then “Flashing Failed” message will appear.

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**STEP 26:** In case, ECU flashing get failed during the process, disconnect the VCI Tool from the vehicle and reconnect it.

**STEP 27:** Press the Reset Button on the VCI Tool and also restart the VCI Application.

**STEP 28:** Try to flash the same vehicle again until it flashes successfully.



# Frequently asked question for Flashing

**Q1. Do I need to check the battery voltage before start the flashing process?**

Ans. Yes, battery voltage should be more than 11V before start the flashing.

**Q2. What if the vehicle battery is less than 11V and I try to flash the vehicle?**

Ans. Flashing may fail if battery voltage is less than 11V, otherwise it may fail during the process. It is recommended to have a fully charged battery.

**Q3. While setting flash file path, do I need to run VCI application as “Run as administrator”?**

Ans. Yes, set flashing file path must be done in administrator mode. Also remove the existing “DATASET” flashing file folder.

**Q4. Do I need to set flashing file path every time I do online / offline flashing?**

Ans. No. you have to set flashing file path first time only in administrator mode.

**Q5. If flashing is failed, do I have to re-flash the vehicle using specific mode (online/offline)?**

Ans. No, vehicle can be re-flashed using any of the mode –Offline/Online.

**Q6. If flashing is failed in one model, is it advisable to shift to another model and do the flashing?**

Ans. No, user should re-flash the same model before shifting to the next model for flashing.

**Q7. If flashing is failed in one model, can I shift to another model to diagnose it?**

Ans. Yes, you can diagnose another model and can later comeback to re-flash previous model.

**Q8. What are the possible reasons for Flashing Failure?**

Ans.

1. VCI application / VCI tool version not up to date
2. Vehicle battery voltage less than 11V
3. Vehicle ignition off during ECU flashing
4. Poor internet connection (in online flashing only)
5. Loose Connection between OBD cable and DLC Coupler
6. Loose connection between VCI tool and USB cable
7. By pressing reset button in VCI application
8. By pressing reset button in VCI tool

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## CUSTOMER SUPPORT

For customer queries click on **Contact us** as shown below. Support Mail ID and Help Desk Number is Available.

