

ADDRESSEES	: Distributors and service points
VEHICLE MODEL	: CX35 MY2020, CX45 MY2020
MANUAL CHAPTER	: 10.21 Body and accessories – Instruments
DOCUMENT TYPE	: Informative
DATE	: December 03 rd , 2020
SUBJECT	: To set odometer reading

JOB QUALIFICATION:

The task has to be carried out by an experienced automotive technician, trained in electrical works.

SPECIAL TOOLS:



Figure 1: "VECTOR" adapter module (VH11500040)



Figure 2: Connecting cable for diagnostic socket (VH11694789)

PREPARATIONS:

- Park the vehicle on a level floor. Apply the parking brake. Stop the combustion engine. Switch off all systems and turn off the battery isolation switch on the dashboard.
- Install a "DO NOT OPERATE" warning message on the steering wheel.
- Put chocks in front of and behind the front-axle wheels.
- **Read the entire procedure before starting to work.**



WARNING!

Observe safe shop practices at all times.

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PROCEDURE:

Step	Action
1	Download folder 11726950 onto the laptop. This folder is made available by Van Hool through the customer portal under the "SOFTWARE" section.
2	Retrieve the identification number and change code of the MVP program as described in the maintenance manual, chapter 11, under "Identification of the programs". Note the identification number and change code (for example: 116000000 - A12).
3	Connect the laptop to the vehicle diagnostic socket as described in "STEP 3 IN DETAIL".
4	Change the odometer reading as described in "STEP 4 IN DETAIL".

End of procedure

STEP 3 IN DETAIL: To connect laptop to vehicle diagnostic socket

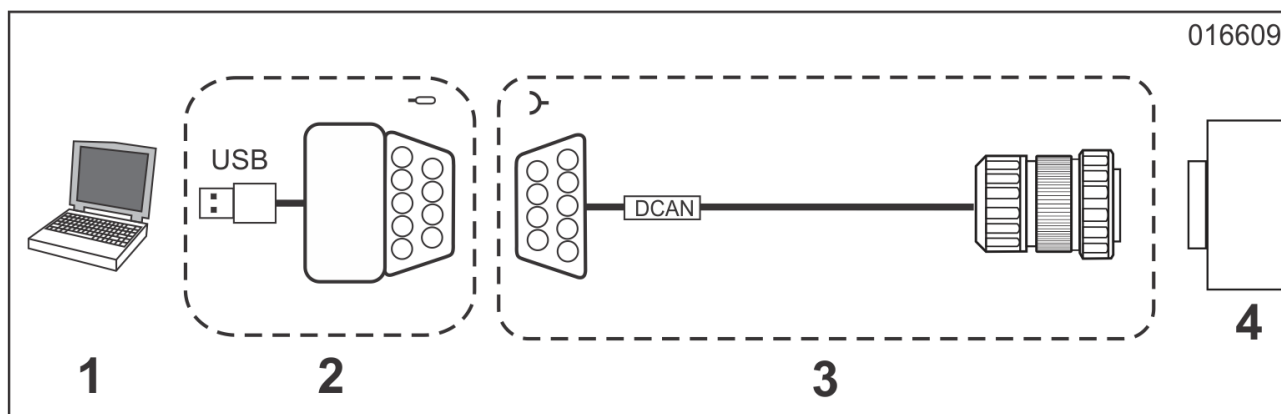
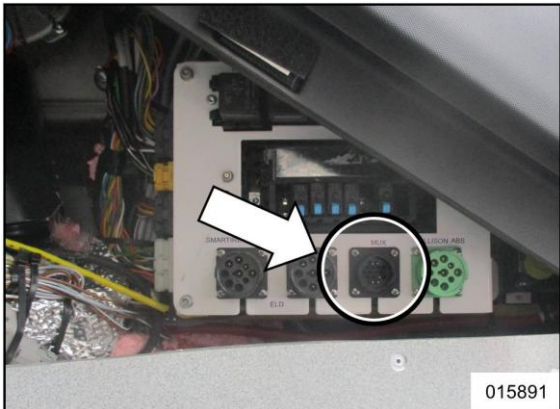


Figure 3: Connecting diagram

1. Laptop
2. "VECTOR" adapter module
3. Connecting cable for diagnostic socket
4. Vehicle diagnostic socket

Step	Action
3.1	Connect cable (3, figure 3) to diagnostic socket (4, figure 3). The diagnostic socket is located in the front junction box.  Figure 4: location of vehicle diagnostic socket
3.2	Connect adapter module (2, figure 3) to the cable (3, figure 3).
3.3	Connect adapter module (2, figure 3) to the laptop.

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STEP 4 IN DETAIL: To change odometer reading

A. POSSIBLE MESSAGES

- When opening the tool for the first time you might get the “SAFETY INFORMATION” dialog box from the tool. Click on “YES” to continue to the tool.

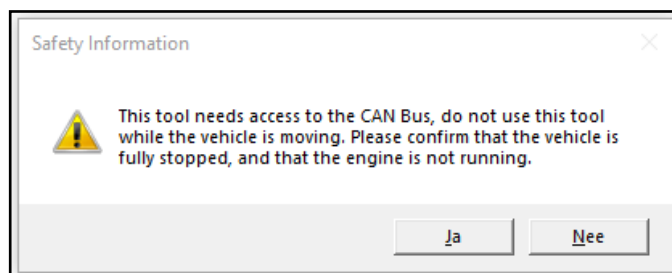


Figure 5

- You might get the “CONFIGURATION INFO” dialog box. Click on “OK” to continue.

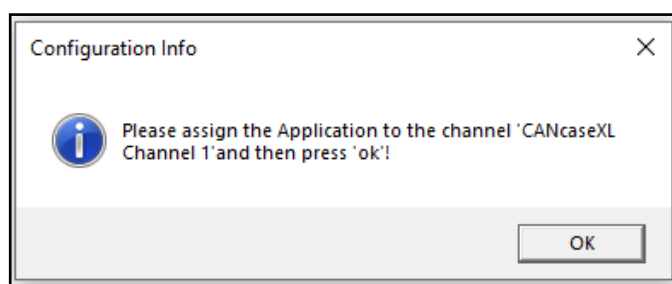


Figure 6

B. PROCEDURE

The “OdoWritingTool.exe” file is located in the folder that you have downloaded through the customer portal.

Step	Action
4.1	Switch on the battery isolating switch on the dashboard.
4.2	Open the “ODOMETER TOOL” software by double-clicking on the "OdoWritingTool.exe" file.
4.3	Click on “FILE” and then select “CAN INTERFACE”.
4.4	Select “VECTOR CAN INTERFACE 049097 CHANNEL 1/2 INDEX 0” and click on “OK”.

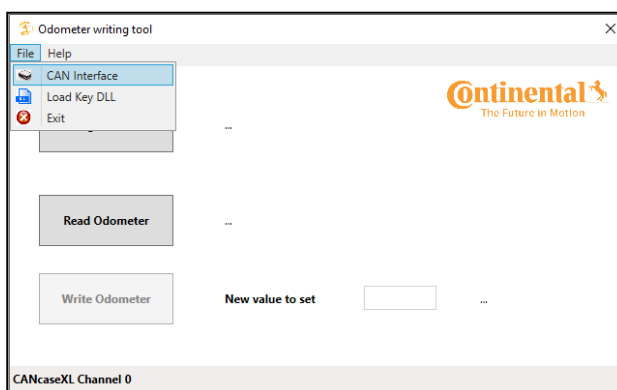


Figure 7

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4.5

Only if the MVP identification number that you have noted in step 2 is 11616415:

Load the “Dynamic Link Library” file (“DLL” extension) as follows:

- a. Click on “FILE” and select “LOAD KEY DLL” (see figure 8).
- b. Navigate to the folder that you have downloaded through the customer portal.
- c. Double-click on:
 - “MULTIVIUK005CU” if the change code that you have noted in step 2 is lower than A14 or...
 - “MULTIVIUK099CU” if the change code that you have noted in step 2 is higher than or equal to A14.

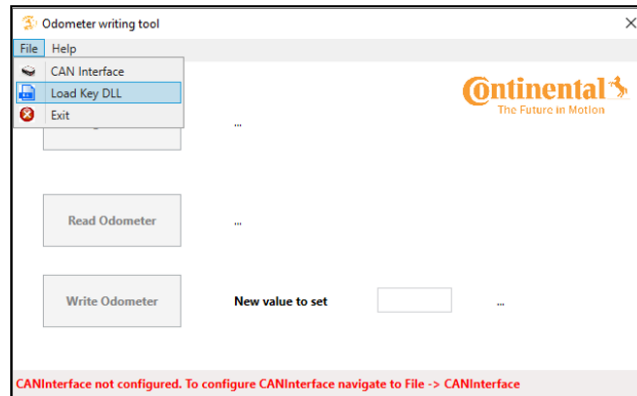


Figure 8

4.6

Only if the MVP identification number that you have noted in step 2 is not 11616415:

Load the “Dynamic Link Library” file (“DLL” extension) as follows:

- a. Click on “FILE” and select “LOAD KEY DLL” (see figure 9).
- b. Navigate to the folder that you have downloaded through the customer portal.
- c. Double-click on “MULTIVIUK099CU”.

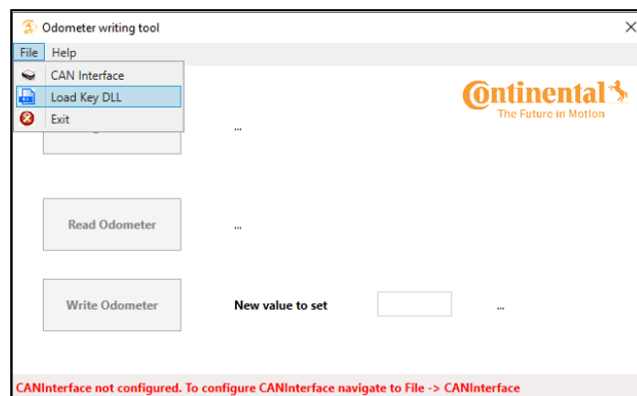


Figure 9

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4.7

Click on "READ LOGICAD VERSION".

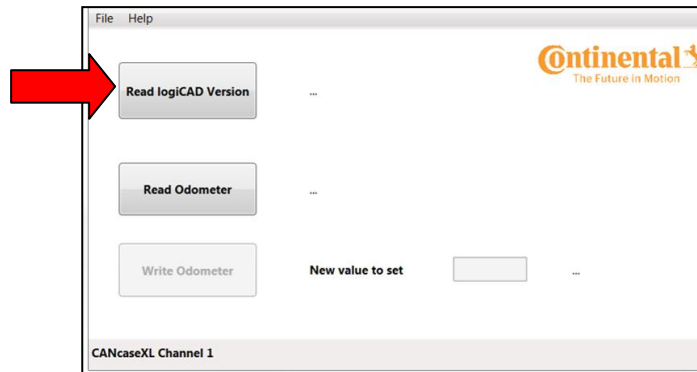


Figure 10

On the screen appears the instrument panel software version.

4.8

Click on "READ ODOMETER" to read the actual odometer value.

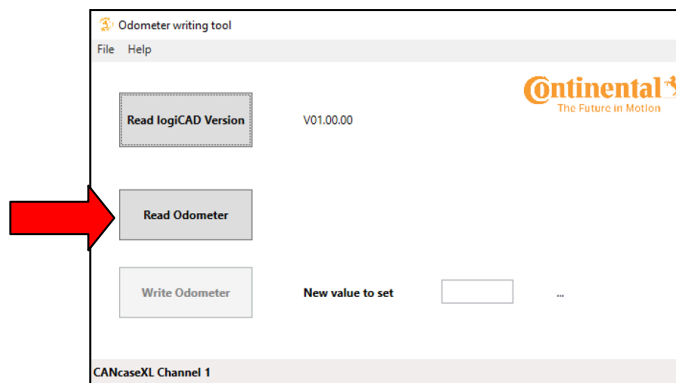


Figure 11

4.9



CAUTION!

Do not enter the actual mileage directly into the odometer tool. The odometer value needs to be calculated. Note that there is no way back, so double-check before writing!

Enter the new odometer value (example) as follows:

- Convert the actual mileage to kilometrage (multiply by 1.609).
- Multiply the kilometrage by 200. The result is a value that will be recognized by the odometer tool.
- Enter the calculated value and click on "WRITE ODOMETER" (see figure 12).

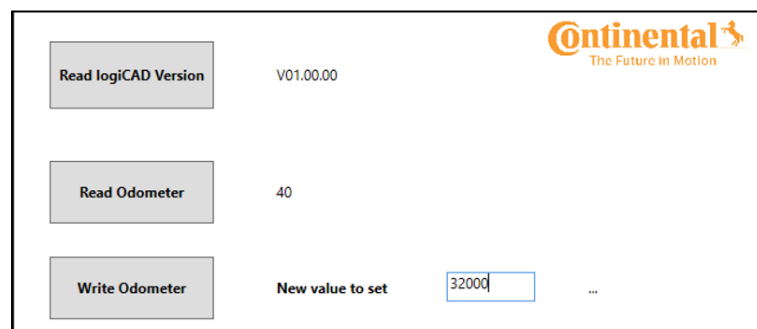
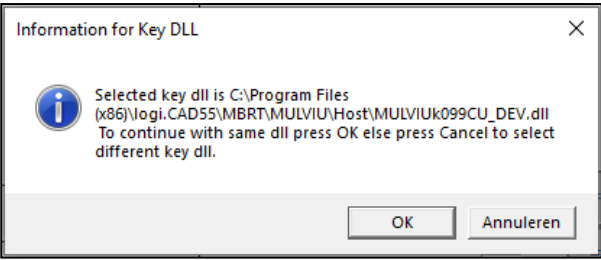
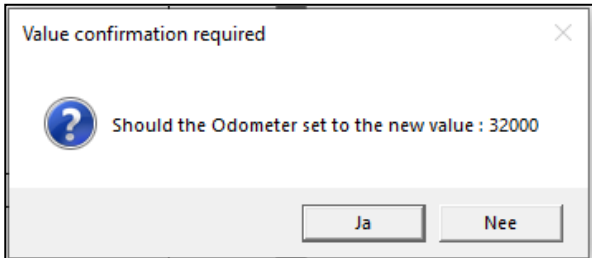


Figure 12

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4.10	Click on "OK".  Figure 13
4.11	Confirm the following message (example).  Figure 14
4.12	Switch off the battery isolation switch on the dashboard.
4.13	Remove the special tools.

DISCLAIMER:

The procedures contained herein are not exclusive. Van Hool cannot possibly know, evaluate, or advise the transportation industry of all conceivable ways in which a procedure may be undertaken or of the possible consequences of each such procedure. Other procedures may be as good, or better, depending upon the particular circumstances involved. Each carrier who uses the procedures herein must first satisfy himself thoroughly that neither the safety of his employees or agents, nor the safety or usefulness of any products, will be jeopardized by any procedure selected.

VAN HOOL CUSTOMER PORTAL:

Consult the customer portal regularly for the latest service documentation. In addition to the maintenance manual, you will also find the operating manual and the spare parts catalogue of your vehicle on the customer portal. The customer portal is accessible through www.vanhool.be, and only with a code (password) from Van Hool. If you do not have a password yet, request it by using the link on the Van Hool website.