

MT203 User Manual

Statement

This manual is intended solely as an operating guide for the MT203 device. Without the manufacturer's prior written permission, no individual or organization may reproduce or distribute this manual in any form—whether electronic, mechanical, photocopying, recording, or otherwise. The manufacturer assumes no responsibility for any damage, malfunction, or other adverse consequences resulting from its use with equipment other than the MT203.

Repairs are not covered under warranty if the issue is not due to a manufacturing defect in the MT203. This includes, but is not limited to, equipment failure caused by user abuse or misuse, unauthorized disassembly, attempted repairs by the user, failure to operate or maintain the device in accordance with the instructions in this manual, or loss of the device.

Any product names mentioned in this manual are used solely for illustrative or descriptive purposes to explain the operation of the MT203. All such names and their associated trademarks are the property of their respective owners. The MT203 and its accompanying files are designed for standard vehicle maintenance only. Any illegal or unauthorized use is strictly prohibited, and the manufacturer disclaims all legal liability for such actions.

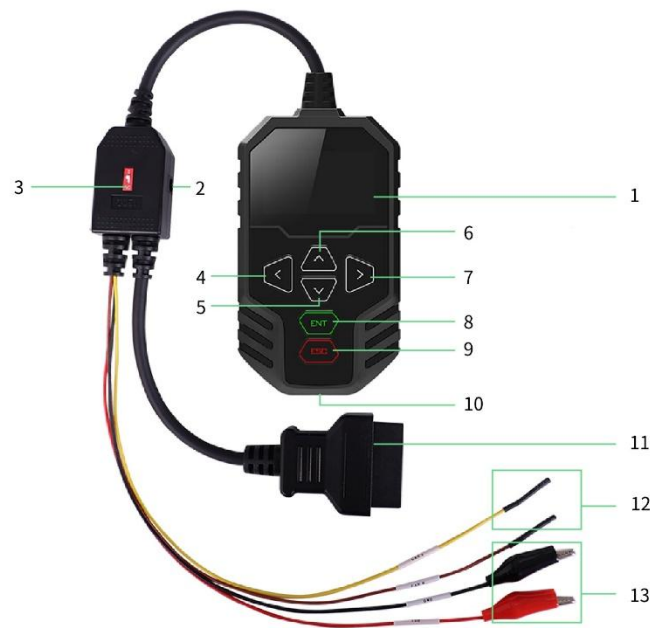
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Chapter 1: Product Profile

1.1 Introduction to the Device

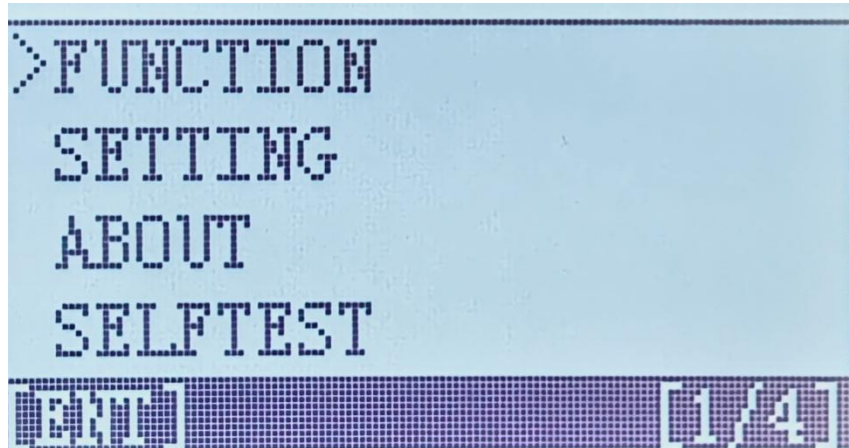
1.1.1 The Main Unit



- 1 – Display screen
- 2 – 12 V power supply connector
- 3 – 120 Ω resistor
- 4 – Left button
- 5 – Down button
- 6 – Up button
- 7 – Right button
- 8 – ENT button
- 9 – ESC button
- 10 – Mini-B USB port
- 11 – OBD diagnostic port (Pin 3)
- 12 – ECU communication Dupont connector
- 13 – ECU power supply alligator clips

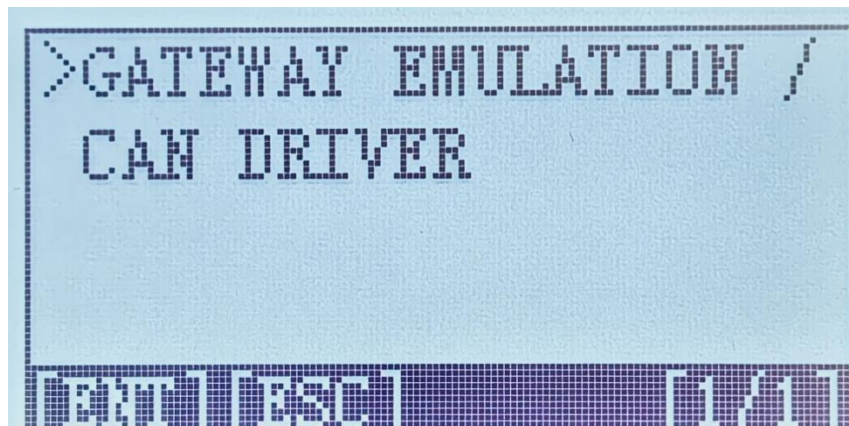
1.2 Function Settings

Power on the device, then press **ENT** to access the function settings menu. The available settings are shown below.



1.2.1 Function Selection

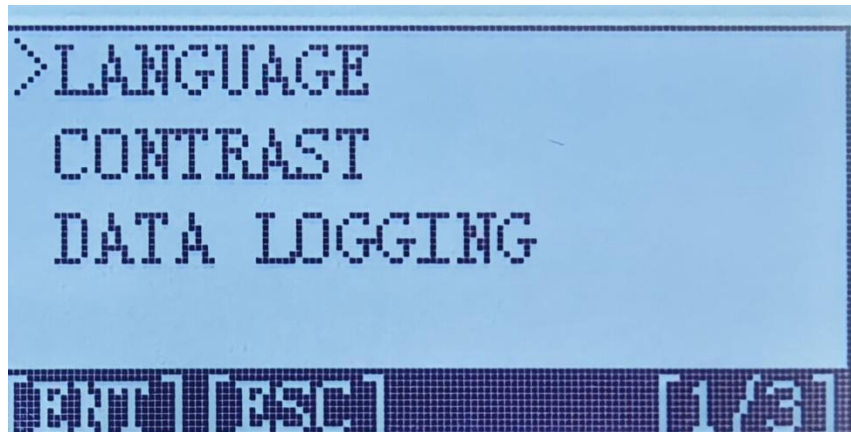
It provides Gateway Emulation and CAN Driver functions.



Note: The available software versions and functions may vary depending on the product configuration. For more detailed information, please contact your dealer.

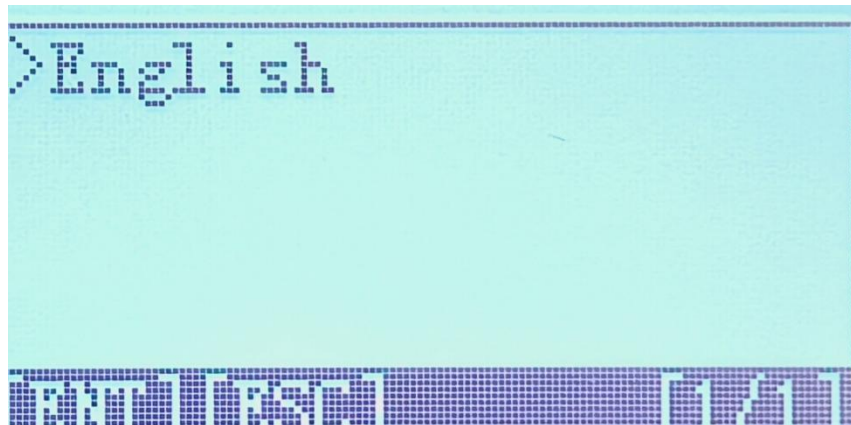
1.2.2 System Settings

Select **SETTING** to adjust the language and screen contrast, as shown below.



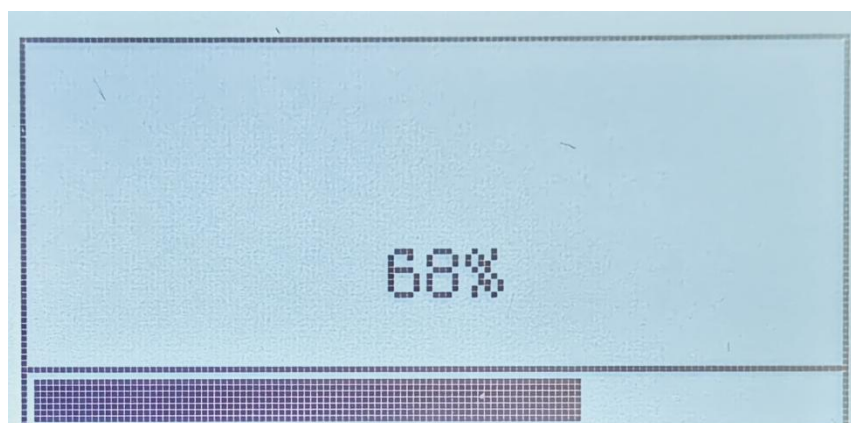
1.2.2.1 Language Selection

This device supports English.



1.2.2.2 Contrast Control

Adjust the screen brightness according to the ambient lighting using the Left and Right buttons, as shown below.



1.2.2.3 Data Logging

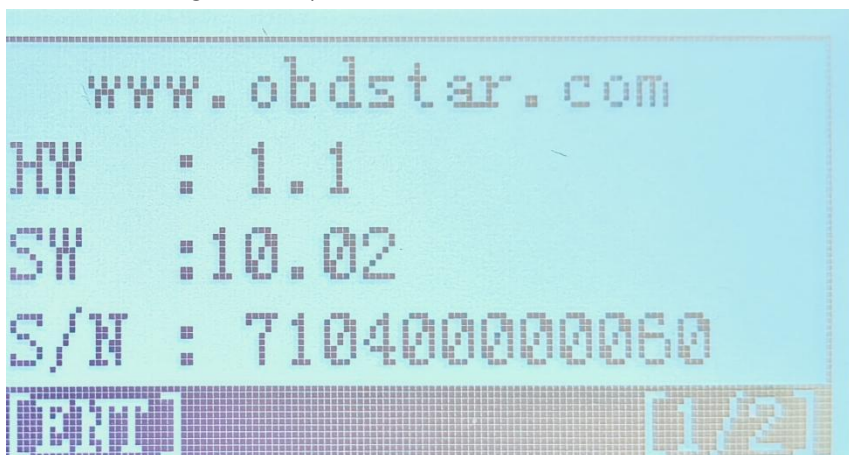
If any issues occur during testing, use the Data Logging function to record the test process and send the data to us. To enable it, select ON using the Up and Down buttons, then press ENT to confirm, as shown below.



Note: You must select ON before each test if you wish to record data.

1.2.3 System Information

System information includes the product serial number, hardware version, software version, release date, registration password, and other details.



1.2.4 Device Self-Test

The device self-test includes screen display and keyboard functionality. If the screen fails to display properly or the keyboard does not respond, please return the MT203 to the manufacturer for service.

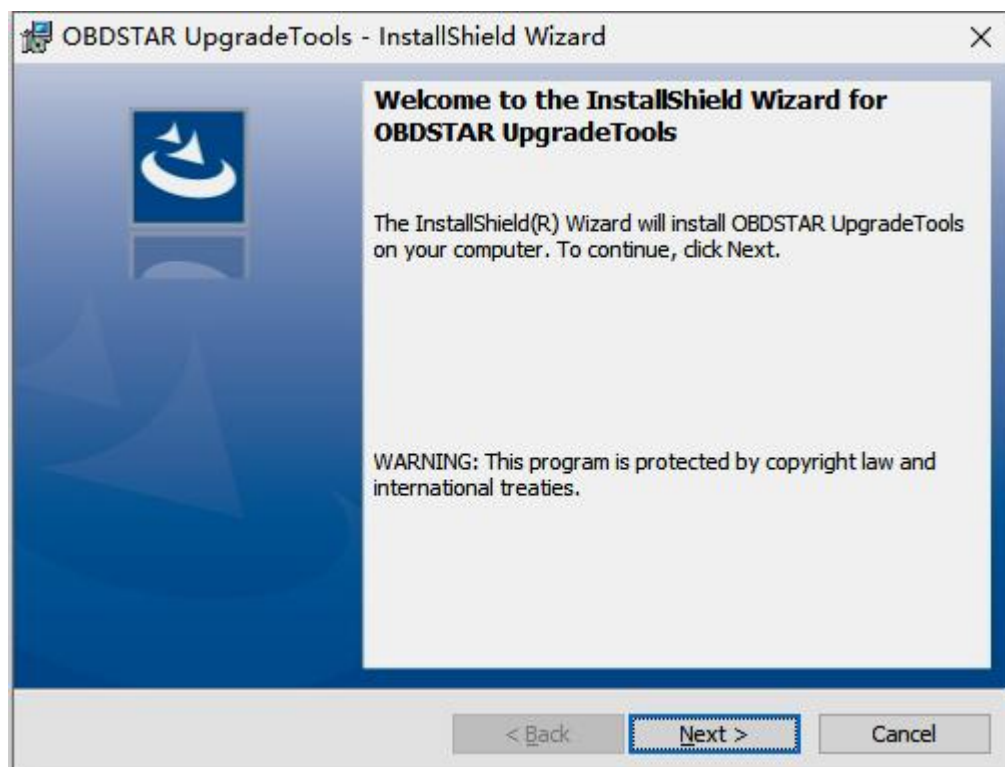


Chapter 2: How to Update the MT203

2.1 Update Tool Installation

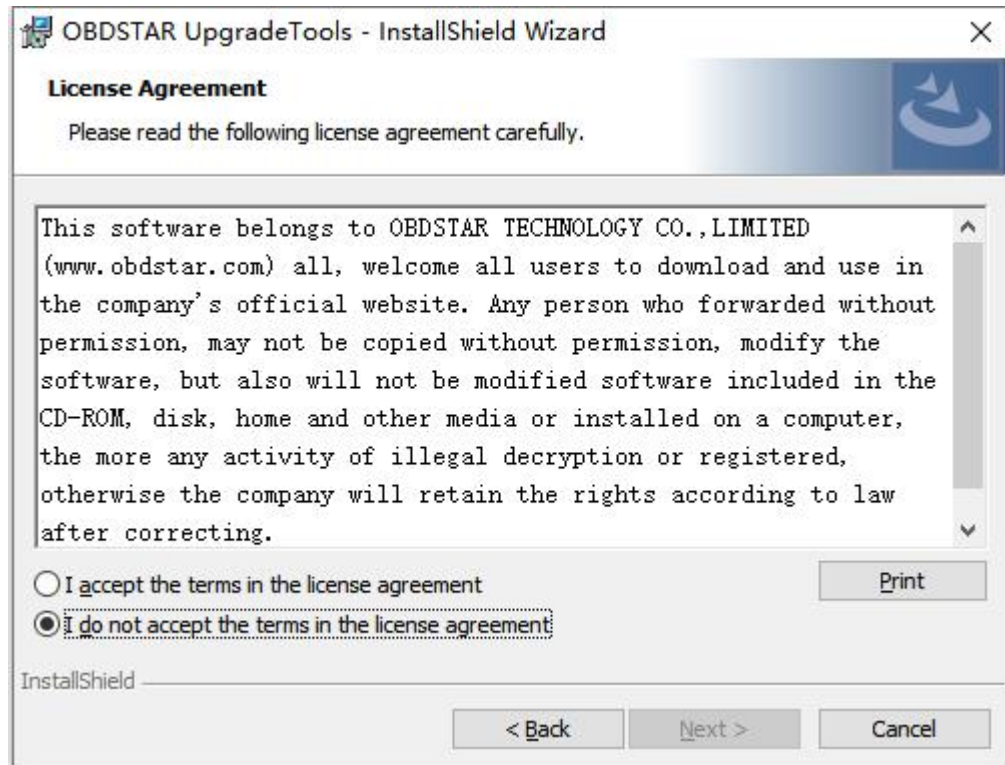
Go to our website: <https://www.obdstar.com>. Click "Upgrade Tool Quick Download". Download the Upgrade Tool file, then double-click the downloaded file to begin installation. Follow the steps below:

Step 1: Click "Next".

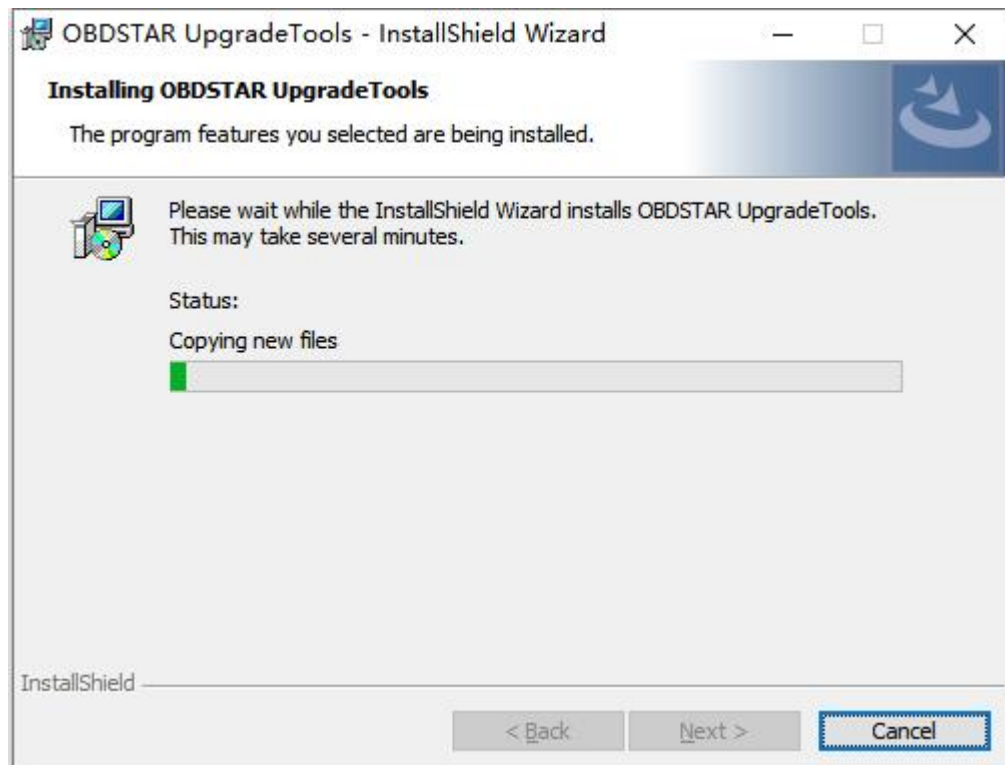


Step 2: Click "Next".

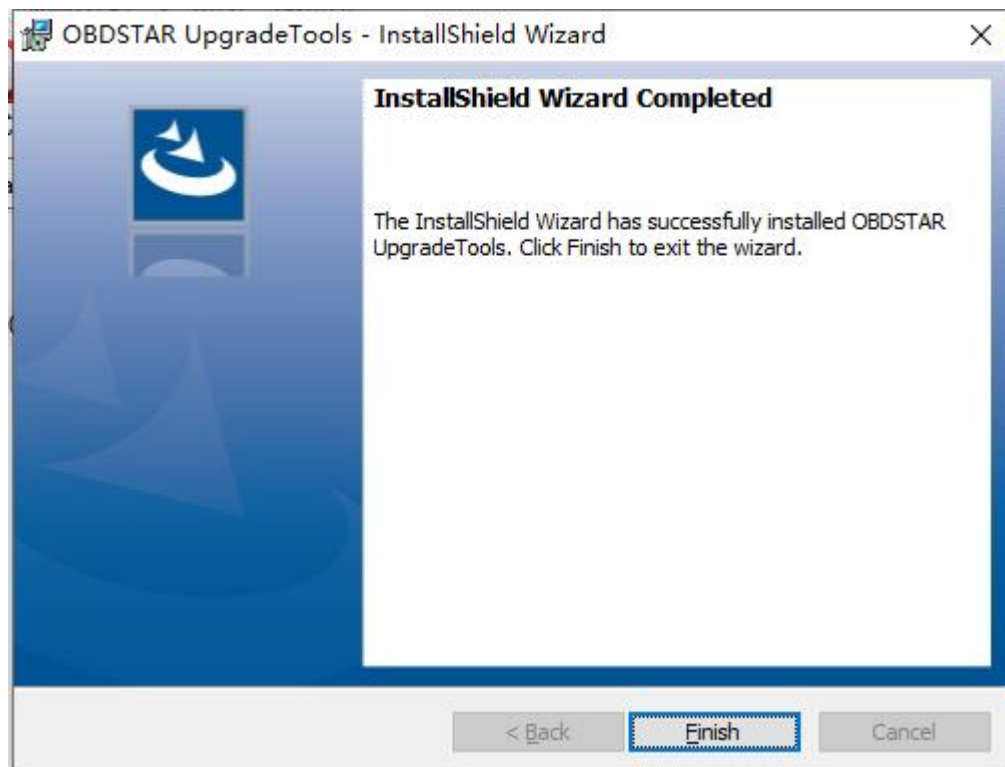
Select "I accept the terms in the license agreement", then click "Next".



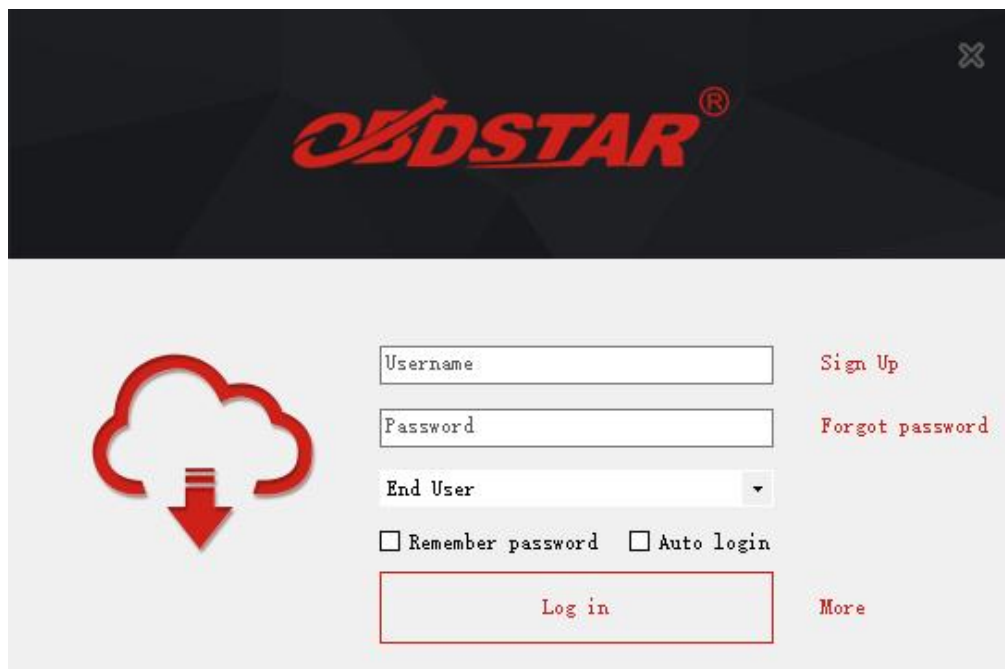
Step 3: Wait a few minutes until the installation is complete.



Step 4: Click "Finish".



Once the Update Tool installation is complete, double-click the Update Tool icon  on your desktop to launch the software. The main interface is shown below:



2.2 Registration

Click "Register" to enter your user information. The username may consist of English letters or a combination of letters and numbers.

The serial number and registration password can be found in the device's System Information menu.

MemberCenter » Register

Register

Get User & Password

Contact Details:

Attn: Echo Zhang
Skype: qcobd01
Email: sales@obdstar.com
Tel.: +86 755 86707161
WhatsApp/Mobile: +86 13825292560

Registered Types

Product User

Product serial number: 710400000060

Register password: 18464176

Distributor code: 860010A1

User name: xyy0060

Your password: *****

Password: *****

Email: xyz123@obdstar.com

Contacts: xxxx

Company name: (unnecessary)

Contact address: (unnecessary)

Contact phone number: (unnecessary)

Register

2.3 Software Update

Follow the steps below to update the software:

Step 1: Remove the TF card from the device and insert it into your computer.

Step 2: Open the Update Tool and log in.

Step 3: Click the source menu, select the program you wish to update, and confirm your selection.

Step 4: Click "Select all", then click "Update".

Step 5: Wait a few minutes until the update is complete.



OBSTAR Upgrade Tools Ver1.0.2.1

Product sn: 710400000060

Language: English

Memory card: F:\

Select all (Alt+ 2)

☐ Format memory card (Alt+ 1)

Available memory: 31M

Refresh (Alt+ 5)

Upgrade (Alt+ 3)

Cancel

No.		Software Name	The latest version	Current version	Date Time	Select version	Select language	Progress
1	☒	BASIC DATA-DIAG COMM	10.02	NULL	2024-06-12	10.02	English	0%
2	☐	DIAG-CAR-ECU Routing Gateway	1.60	NULL	2025-04-25	1.60	English	0%

Account:xyy0..

Sign out

Upgrade progress: 0% Get complete list of software!

Note: For the latest update software or assistance with any issues during the update process, please contact your dealer.