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- There is a possibility that this unit is inapplicable to some of the vehicle models or systems listed in the diagnosis section due to different countries, areas, and/or years. Do not hesitate to contact LAUNCH if you come across such questions. We are to help you solve the problem as soon as possible.

## Disclaimer

- To take full advantage of the unit, you should be familiar with the engine.
- All information, illustrations, and specifications contained in this manual are based on the latest information available at the time of publication. The right is reserved to make change at any time without notice.
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## Safety Precautions and Warnings

To prevent personal injury or damage to vehicles and/or the CResetter II, please read this user's manual first carefully and observe the following safety precautions at a minimum whenever working on a vehicle:

- Always perform automotive testing in a safe environment.
- Do not attempt to operate or observe the tool while driving a vehicle. Operating or observing the tool will cause driver distraction and could cause a fatal accident.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Operate the vehicle in a well-ventilated work area: Exhaust gases are poisonous.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while running tests.
- Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Put the transmission in P (for A/T) or N (for M/T) and make sure the parking brake is engaged.
- Keep a fire extinguisher suitable for gasoline/chemical/ electrical fires nearby.
- Don't connect or disconnect any test equipment while the ignition is on or the engine is running.
- Keep the CResetter II dry, clean, free from oil/water or grease. Use a mild detergent on a clean cloth to clean the outside of the CResetter II, when necessary.

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## 1. INTRODUCTION

CResetter II is a convenient and easy-operated automotive diagnostic tool developed based on the latest DPU and JV700 hardware platform by LAUNCH. Compared to CResetter, CResetter II features more powerful functions and covers a wider range of vehicle makes. In addition to Service / Oil lamp reset, the following functions are also supported on CResetter II:

- Brake pad reset (for some vehicles)
- Maintenance interval reset (for some vehicles)
- Steering angle sensor calibration (for some vehicles)
- Battery maintenance reset (for some vehicles)

Frequently check for updates at [www.x431.com](http://www.x431.com) as new functions may be available.

## 2. Maintenance

### 2.1 Maintenance types

Vehicle maintenance includes regular and non-regular maintenance according to the maintenance due time.

#### 1) Regular maintenance

Purpose: with increasing of driving distance while operating vehicles, latent elements will appear which affect vehicle performance and driving safety such as brake pads abrasion, aging deadline of rubbers, accumulated carbon on throttle valve and fuel nozzle produced during burning, dirty and blocking resulted by engine oil consumption, using air filter and engine oil filter, thus, vehicle manufacturers set a regular checking interval to adjust and replace the parts that may predictably change with time and operation, that is regular maintenance, whose purpose is to recover the vehicle performance perfect, prevent minor problems from majoring, ensure the vehicle safety, better economy and longer service life.

#### 2) Non-regular maintenance

Including: running period maintenance and seasonal maintenance.

### 2.2 Engine oil function

Oil is used in engine. Major function of engine oil is decreasing attritions among motive parts in engine to ensure engine run easily, that's lubricating function. In addition, engine oil also has functions such as cleaning, cooling, rust proof, sealing, anti-oxidation and buffering.

Oil keeps vehicle in good status, ensures performance and extends service life of vehicle with functions above. Different operating time and status, different oil functions, so engine oil should not be replaced only once but regularly, besides that replacing interval in running period is short, replacing every three months or 5000Km is suggested.

### **2.3 Air filter function**

Air filter is used to filter the dirt and sand in the air, in order to decrease abrasion between cylinder and piston ring, extend the service life of the engine; eliminate the noise produced while engine breathing in. There is no absolute standard interval to replace the air filter; it is determined by driving environments and dirty degree of the air filter. Normally, replacing the air filter every 15000Km is suggested, if the vehicle often drives in worse environments such as desert or building area, please replace the air filter every 10000Km.

### **2.4 Engine oil filter function**

Oil filter is used to filter engine oil, improve cleaning and lubricating abilities, decrease abrasion of the engine, replacing engine oil filter every 5000-10000Km is suggested.

### **2.5 Why should I reset the service lamp?**

Service lamp likes a counter, which has two counting modes: with time or with distance, when driving time and distance reach to the specified requirement of manufacturers, e.g., first warranty specified by manufacturer is three months or 5000Km, service lamp will light to indicate that your vehicle should be serviced. Recodes will be removed and reset after every service in order to indicate the next service, otherwise, service lamp will never light off.

### **2.6 Why should I reset the brake pads after replaced?**

Some middle or high grade vehicle are equipped with electric parking brake system, rear brake wheel cylinder is equipped with electric parking motor and can not compress manually, thus, professional instrument is necessary to retract the cylinder piston, electric parking motor should be reset after replacing brake pads.

### 3. Product Descriptions

#### 3.1 Outline of CResetter II



Figure 3-1

No.	Name	Descriptions
1	<b>Power indicator</b>	It will light up when CResetter II is powered on.
2	<b>Cable with OBD II connector</b>	Connects the CResetter II to the vehicle's Data Link Connector (DLC).
3	<b>LCD DISPLAY</b>	Indicates test results.
4	<b>ENTER button</b>	Confirms a selection (or action) from a menu list.
5/7	<b>UP/DOWN buttons</b>	Move cursor up or down for selection.
6/8	<b>RIGHT/LEFT buttons</b>	Move cursor right or left for selection; Or turn page up or down when more than one page is displayed.
9	<b>USB port</b>	Connects to computer to update the CResetter II.
10	<b>EXIT button</b>	Returns to previous menu.

### 3.2 Features

- ◇ Service / Oil lamp reset
- ◇ Brake pad reset (for some vehicles)
- ◇ Maintenance interval reset (for some vehicles)
- ◇ Steering angle sensor calibration (for some vehicles)
- ◇ Battery maintenance reset (for some vehicles)

### 3.3 Specifications

- ◇ Input voltage range: 9~18V
- ◇ Operating current: typical value <100mA@12V (Typical)
- ◇ Typical consumptions: <1.2W (Typical)
- ◇ Operating temperature: 32°F ~ 122°F/ 0°C ~ 50°C
- ◇ Storage temperature: -4°F ~ 70°F/ -20°C ~ 70°C@ RH 60%
- ◇ Cabinet protecting level: IP43
- ◇ Outline Dimension: 4.7"(L) \* 3.2"(W) \* 1"(H)
- ◇ Product weight: <500g
- ◇ Display: 2.8" TFT LCD
- ◇ Interface type: Standard 16 pin OBD diagnose interface

### 3.4 Packing list

- ◇ CResetter II x 1
- ◇ User's manual x 1
- ◇ USB cable x 1

## 4. Product operation

### 4.1 Connection

- 1) Turn the ignition off.
- 2) Locate the vehicle's 16-pin Data Link Connector (DLC).
- 3) Plug the OBDII cable into the vehicle's DLC.
- 4) Turn the ignition on.

The screen will display interface as following figure 4-1.

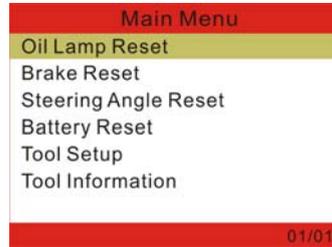


Figure 4-1

### 4.2 How to reset oil lamp

There are two methods to reset service lamp: reset manually or reset automatically. Auto reset follows the principle of sending command from CResetter II to vehicle's ECU to do resetting. While using manual reset, users just proceed following the on-screen instructions.

Take BMW as an example to introduce the manual resetting process.

1. Select "Oil Lamp Reset" in function interface as shown in Figure 4-1 and press [←], Figure 4-2 appears:



Figure 4-2

- Press [▲] / [▼] to select BMW, press [↵] to confirm, Figure 4-3 appears:

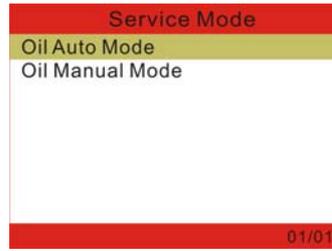


Figure 4-3

**Notes:**

◆ Different vehicle may vary with different display and operation steps, please proceed according to the instructions on the screen.

- Press [▲] / [▼] to select Oil Auto Mode, and then press [↵] to confirm, Figure 4-4 appears:



Figure 4-4

If it fails to enter, another prompt window will appear. In this case, please check the possible causes step by step following the instructions on the screen.

- After entering the system, the screen appears as shown in Figure 4-5:

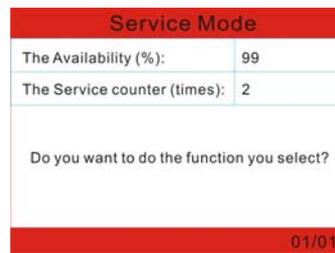


Figure 4-5

5. Press [], a screen similar to Figure 4-6 will appear.

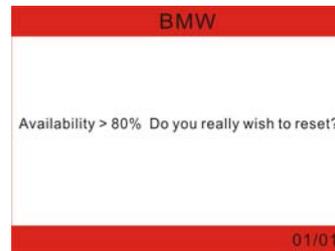


Figure 4-6

6. Press [] to confirm. If reset successful, Figure 4-7 appears and press [] to exit.

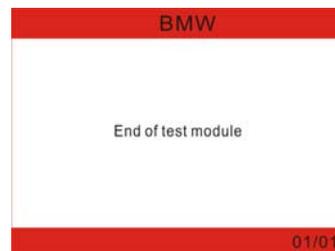


Figure 4-7

7. Turn off the ignition switch.

Operations of Brake Reset, Steering Angle Reset and Battery Reset are similar to those of Oil Lamp Reset. Please refer to "How to reset oil lamp".

**Note:** While starting, message of replacing engine oil appears again to indicate that engine

oil system should be reset.

### 4.3 Tool Setup

This option enables you to turn on/off the Beeper and change the interface language. Select and enter "Tool Setup", as shown in Figure 4-8:



Figure 4-8

#### 1) Set Beeper

Choose [Beeper] and press [↵], it will enter beeper setting screen. Press [▲] / [▼] to select ON/OFF and press [↵] to confirm.

#### 2) Change language

Choose [Language] and press [↵], the language setting interface will appear. Press [▲] / [▼] to select the desired language and press [↵] to confirm.

### 4.4 Tool Information

This option is used to display Tool Information. Tool Information includes: software version, hardware version, serial number and register password.

## 5. Updating

### 5.1 CResetter II updating process

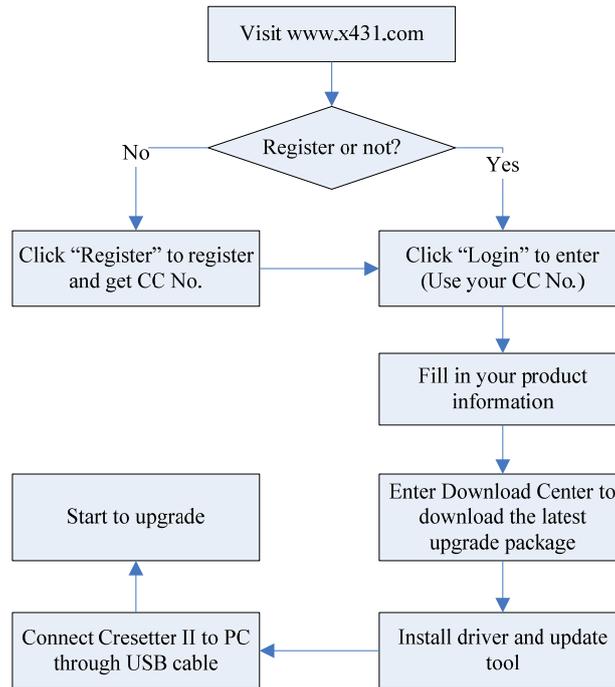


Figure 5-1

### 5.2 User Registration

Log on <http://www.x431.com>. A screen as shown on figure 5-2 will appear:



Figure 5-2

### 5.3 How to Register

If you have not registered, please follow the steps described as below:  
Click [Register] to read CC user service terms as indicated on figure 5-3.

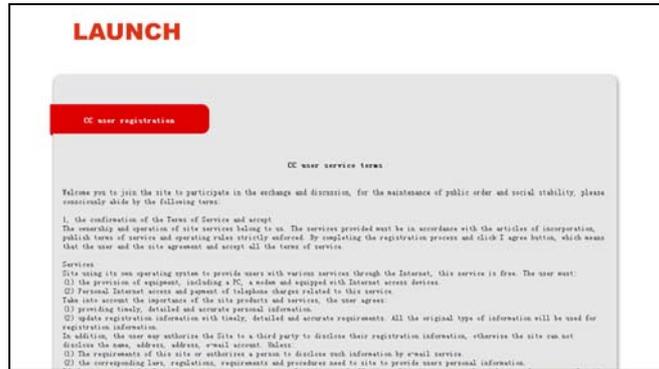


Figure 5-3

Click on “Confirm and agree with clause” to enter, a screen similar to the following will appear:

Figure 5-4

Fill in your information (items with \* can not be blank and must be entered). After filling, click [Register] to register a passport. The system will send a CC number to your email immediately.

If you are a registered member, click [Log in] in Figure 5-2 to enter login interface. Input your CC number or user name and password, then click [Log in] to enter product registration screen.

#### 5.4 Fill in Product Information

Choose the desired product type from the pull-down list. The serial No. and register password can be found from the [Tool Information] in "Help" (See Chapter 4. Help). Dealer code can be obtained from dealer.

After the information is filled, click "Submit" to register your product.

**Note:** If the filled serial No. or registration No. is invalid, the screen will display a wrong message. Click "OK" button to return to the previous interface to re-fill the correct numbers.

#### 5.5 Software Download

*Note:* Only the registered user can download the software.

Click [Download center] to enter download center page after logging in successfully.

It's better for users to create a new folder named "CResetter II update", to include all the downloaded software according to the following procedures.

#### 5.6 Install Update Tool and Drivers

1. Double click .exe software, the screen appears as Figure 5-5:

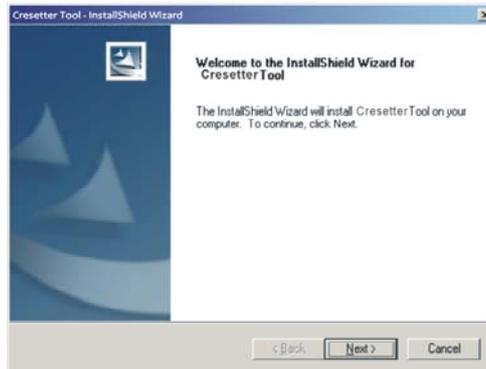


Figure 5-5

2. Click "Next", click "Browse" to choose the Destination Location where program files lie and then click "Next".
3. Click "Install" to begin the installation.
4. Follow the on-screen instructions to finish the installation.

### 5.3 Upgrading

Connect the CResetter II to computer through USB cable and run the CResetter II Upgrade Tool.exe, the screen will display interface as following Figure 5-6:

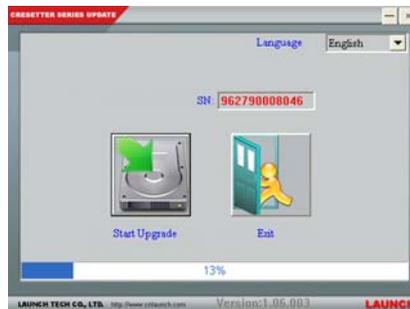


Figure 5-6

Select the language, and then click "Start Upgrade" when a message of upgrading succeed pops out, click "Exit", unplug USB cable to complete upgrade.

## 6. FAQ

**Question:** Screen of main unit flashes at engine start.

**Answer:** Caused by electromagnetic disturbing, and this is normal phenomenon.

**Question:** There is no response when communicating with on-board computer.

**Answer:** Please confirm the proper voltage of power supply and check if the throttle has been closed, the transmission is in the neutral position, and the water is in proper temperature.

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LAUNCH electronic product is warranted against defects in materials and workmanship for one year (12 months) from date of delivery to the user.

This warranty does not cover any part that has been abused, altered, used for a purpose other than for which it was intended, or used in a manner inconsistent with instructions regarding use. The exclusive remedy for any automotive meter found to be defective is repair or replacement, and LAUNCH shall not be liable for any consequential or incidental damages.

Final determination of defects shall be made by LAUNCH in accordance with procedures established by LAUNCH. No agent, employee, or representative of LAUNCH has any authority to bind LAUNCH to any affirmation, representation, or warranty concerning LAUNCH automotive meters, except as stated herein.

## Order Information

Replaceable and optional parts can be ordered directly from your LAUNCH authorized tool supplier. Your order should include the following information:

1. Quantity
2. Part number
3. Item description

## Customer Service

If you have any questions on the operation of the unit, please contact local dealer, or contact LAUNCH Tech USA:

Tel: 1-877-LAUNCH-9 (1-877-528-6249)

E-mail: [support@launchtechusa.com](mailto:support@launchtechusa.com)

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