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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.

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Safety Precautions and Warnings

To prevent personal injury or damage to vehicles and/or the Cresetter, 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 dry, clean, free from oil/water or grease. Use a mild detergent on a clean cloth to clean the outside of the Cresetter, when necessary.

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1. Brief Introduction

Cresetter is an convenience and easy-operated automotive diagnostic tool developed on CreaderVI platform by Launch, whose main function is resetting the service lamp and it can reset service lamp for various serials and types of vehicles home and abroad, meanwhile, Launch continuously develops new functions such as maintenance interval setting, brake pads resetting, air bag resetting etc., to satisfy different types of vehicles and market character. Humanized structure, true color display and LED status indicators are applied for Cresetter, it has functions of damp proof, shockproof, data backup while power interrupt, you can operate it easily and conveniently.

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 to 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 to 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 introduction

3.1 Composition and appearance



Table 3-1 Button/Connetor/Indicator descriptions

①	Exit
②	Left
③	Up
④	USB interface
⑤	Down
⑥	Right
⑦	Confirm
⑧	OBDII connector
⑨	Update indicator (light while updating)

3.2 Functions

- ◇ Service lamp reset
- ◇ Maintenance interval setting (for some vehicles)

3.3 Specifications

- ◇ Input voltage range: 8~32V
- ◇ Operating current: typical value <100mA@12V
- ◇ Typical consumptions: <1.2W
- ◇ Operating temperature: 0°C ~ 50°C
- ◇ Storage temperature: -20°C ~ 70°C@ RH 60%
- ◇ Cabinet protecting level: IP43
- ◇ Size: L*W*H=121*82*26mm
- ◇ Product weight: <500g
- ◇ Display: 2.8", 262K true color, 320*240 LCD
- ◇ Power input type: USB, OBD-16
- ◇ Interface type: Standard 16 pin OBD diagnose interface

3.4 Features

- ◇ Humanized operate interface, operate much easier and conveniently
- ◇ Abundant professional indicating message for much more DIY amateurs
- ◇ Quick and direct LED update status indicates
- ◇ 2.8", 262 true color display, colorful, beautiful sensory level
- ◇ Support multi-language, wide market
- ◇ Shockproof and dump proof structure

3.5 Packing list

- ◇ Cresetter
- ◇ User's manual, 1pcs
- ◇ USB cable, 1pcs

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 function selected

4.2 How to reset service lamp

4.2.1 Resetting flow chart

Resetting flow chart is shown as figure 4-2.

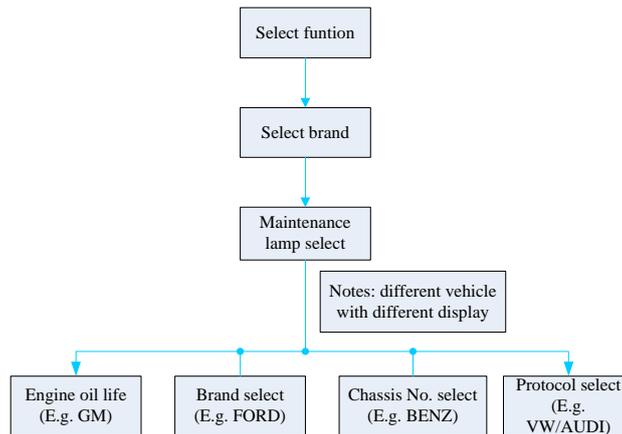


Figure 4-2 Resetting flow chart

Notes:

Different vehicle with different display after "Service lamp select", so please operate following the indicating interface.

4.2.2 Resetting operation

There are two methods to reset service lamp: reset manually or reset with special apparatus. Cresetter can not only reset service lamp for vehicles which need special apparatus, but also manually reset service lamp for vehicles which need no professional apparatus. GM is taken an example to introduce the resetting process.

1) Select "Select Brand" in function interface as shown in Figure 4-1 and press [↩], Figure 4-3 appears:



Figure 4-3

2) Press [▲] or [▼] to select GM, press [↵] to confirm, Figure 4-4 appears:

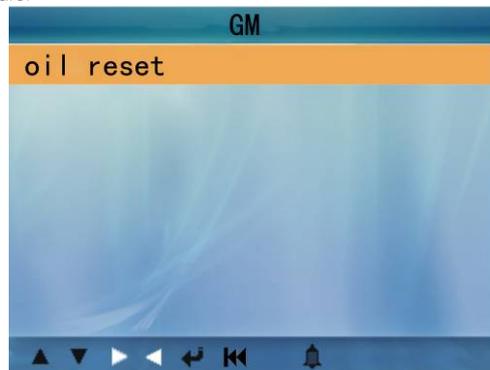


Figure 4-4

3) Press [↵] to confirm, message of "Communicating, Please wait" appears, as shown in Figure 4-5:



Figure 4-5

5) After communicating, "Engine oil life current Value" appears, as shown in Figure 4-6:

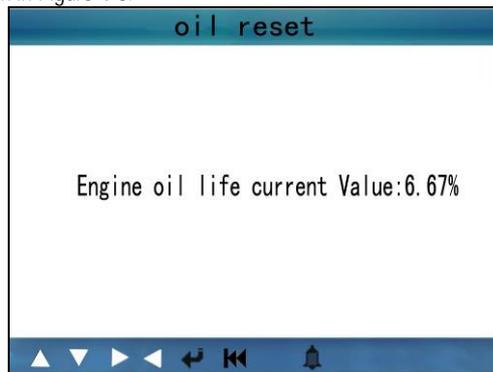


Figure 4-6

Notes:

- ◆ Different vehicle with different display for this and following steps, please operate according to the display indications.
- ◆ For the vehicles that need no special apparatus, manual reset process is displayed.

6) Press [, input engine oil life value (0%-100%), as shown in Figure 4-7:

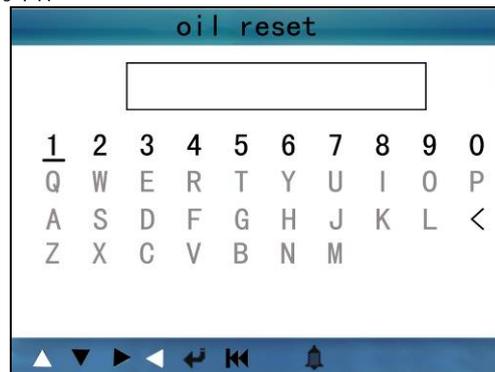


Figure 4-7

7) Press direction buttons to select 100 and then press [] to exit, if reset successful, Figure 4-8 appears. Otherwise, another indicating window will appear, please refer to the actual display.



Figure 4-8 Reset successful

8) Turn off the ignition switch

Note: While starting, message of replacing engine oil appears again to indicate that engine oil system should be reset.

4.3 Tool Setup

Tool Setup function is used to turn on/off the Beeper, set Date and Time, select "Tool Setup", as shown in Figure 4-9:



Figure 4-9 Tool Setup

1) Beeper set

Choose [Beeper] and press [>], the screen will display the interface as following Figure 4-10:

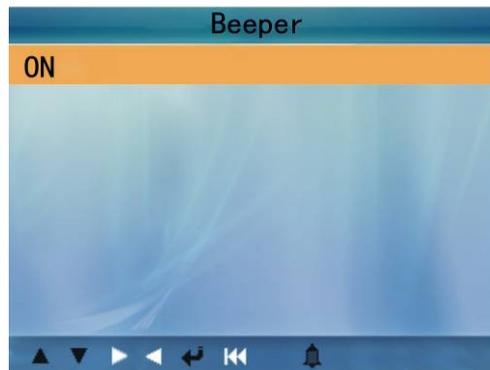


Figure 4-10 set beeper

Press [▲] or [▼] to select ON/OFF and press [↵] to confirm.

2) Time and Date set.

Choose [Time and Date] and press [↵], the screen will display as following figure 4-11:

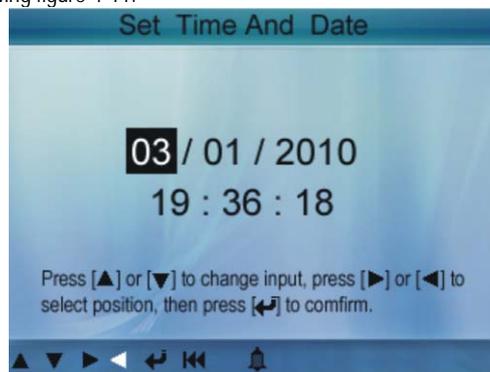


Figure 4-11 set time and date

Press [▲] or [▼] to change input, press [▶] or [◀] to select position, then press [↵] to confirm.

4.4 Help

"Help" is used to display Tool Information. Tool Information includes: software version, hardware version, serial number, supported, time and date.

5. Updating

5.1 Cresetter updating process

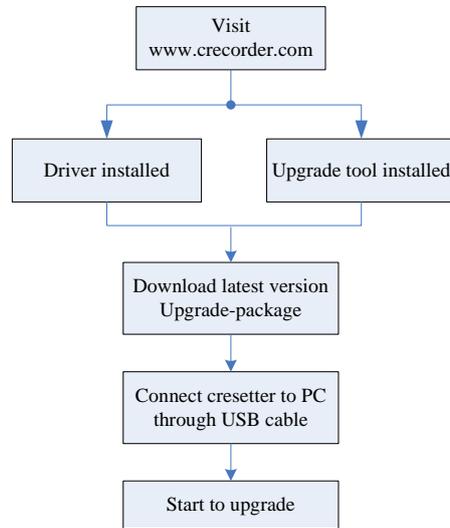


Figure 5-1 Updating process

5.2 Update Tool installed

1. Double click execute software, as shown in Figure 5-2:



2. Click "Next" in the popped box, as shown in Figure 5-3:



Figure 5-3

3. Choose Destination Location and click "Next", as shown in Figure 5-4:

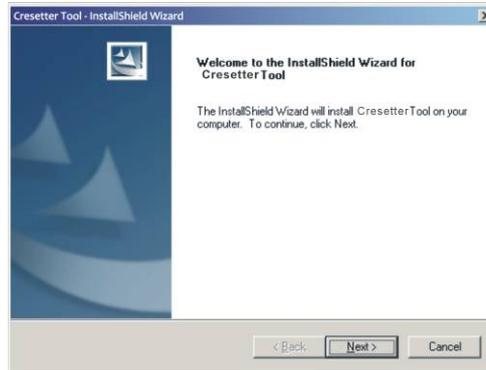


Figure 5-4

4. Click "Install", as shown in Figure 5-5:

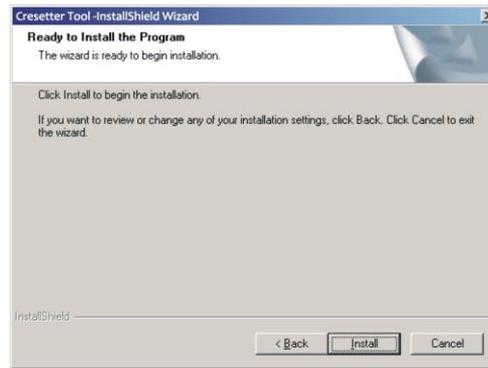


Figure 5-5

5. Click "Finish" in the popped box to finish installation, as shown in Figure 5-6:

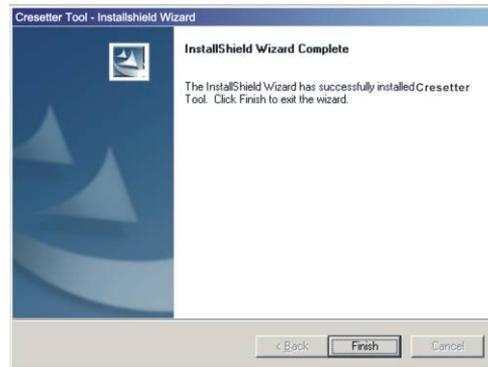


Figure 5-6

5.3 Driver installed

Note: The installation below is for Windows Vista or Windows 7, regarding for other operation systems, the installation may be a little different.

1. Connect the Cresetter, open Computer Management, window appears as shown in Figure 5-7:

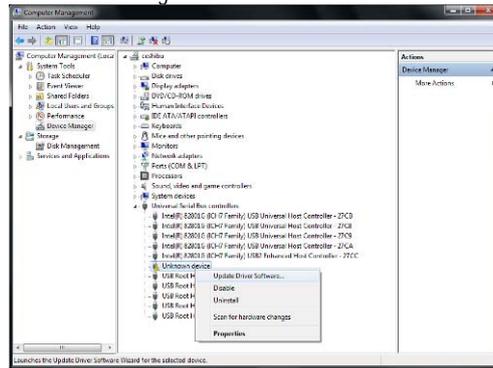


Figure 5-7

2. Right click the "unknown device" to select "Update Driver Software", Figure 5-8 appears:

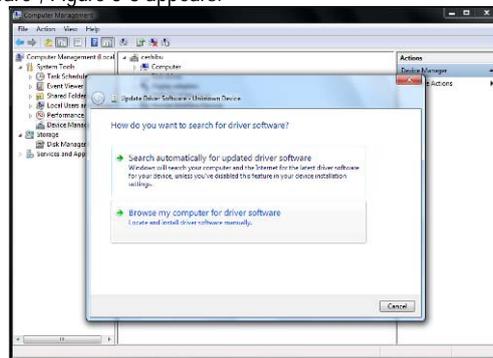


Figure 5-8

3. Select "Browse for driver software on your computer" manually, as shown in Figure 5-9:

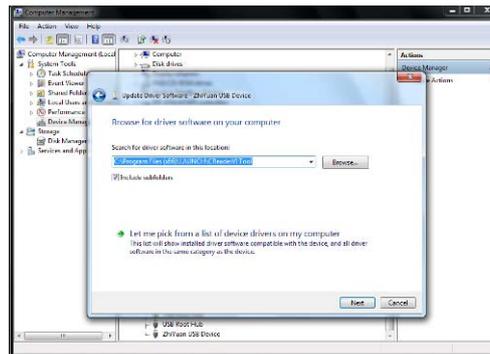


Figure 5-9

Note: This driver path is installation directory for update tool.

4. Click "Next" to install the drivers, after installation, device can be known by the computer normally, as shown Figure 5-10:

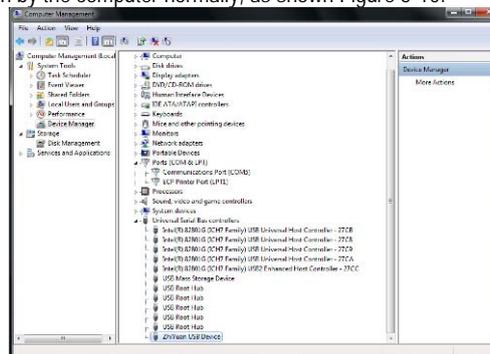


Figure 5-10

5.4 Upgrading

Logon to www.crecorder.com, download the latest version of the Cresetter upgrade package and decompress the software to local

disk.

Connect the Cresetter to computer through USB cable and run the Cresetter Upgrade Tool.exe, The screen will display interface as following Figure5-11:

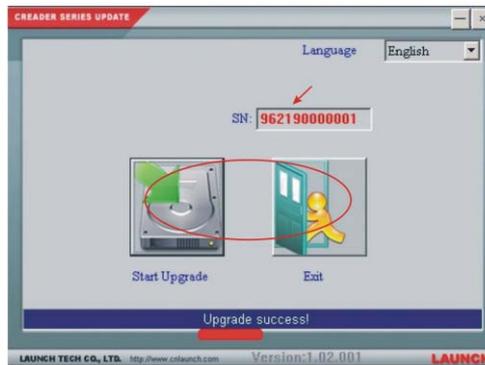


Figure5-11

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.

Warranty

THIS WARRANTY IS EXPRESSLY LIMITED TO PERSONS WHO PURCHASE LAUNCH PRODUCTS FOR PURPOSES OF RESALE OR USE IN THE ORDINARY COURSE OF THE BUYER'S BUSINESS.

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:

Quantity
Part number
Item description

Customer Service

If you have any questions on the operation of the unit, please contact

local dealer, or contact LAUNCH TECH. CO., LTD:
Tel: 86-755-84528888/84528889
E-mail: X431@cnlaunch.com