Resetting the factory settings

The function is possible to read off whether the car is set to the factory settings. This allows the car to be reset to the normal settings (not the factory settings).

Now we take XC90 2006 30728579 AA (ECU Diagnostic Part Number) as an example to illustrate the operation:

Note: The highlight item in the figure indicates corresponding action.

1. **step 1:**   XC90

SELECT MENU
V70 XC(-00)
V70 XC(01-)/XC70(-07)
XC70(08-)
V90
XC90
XC90 V8
C30
C70(06-)

PAGE UP	PAGE DOWN		
HOME	BACK	PRINT	HELP

Start ▯ ⤵ ☀ ⌨ 10:17

2. **step 2:**   select year

SELECT MENU
VIN
2003
2004
2005
2006
2007
2008

PAGE UP	PAGE DOWN		
HOME	BACK	PRINT	HELP

Start ▯ ⤵ ☀ ⌨ 13:54

3. **step 3:** select CEM

```
          SELECT MENU
General Service
ECM(Engine Control Module)
DIESEL ENG(Fuel system/Combined system)
TCM(Transmission Control Module)
ABS/BCM(Anti-brake System Module)
SRS(Supplemental Restraint System
Module)
CEM(Central electrical module)

      PAGE UP          PAGE DOWN

  HOME     BACK     PRINT     HELP
  Start  ▯        ▯    ☼    ▦ 10:18
```

4. **step 4:**

Select: Special Function.

If you can't find the Special Function menu, it means the function has not been developed on your vehicle. Please record the VIN (Vehicle Identification Number) and Version Information (can be read by X431 with the function: Reading off control module ID) and email to Launch (x431@cnlaunch.com). We may work out a solution on how to solve the problem.

```
          Select function
Reading off control module ID
Reading off Diagnostic Trouble Codes
Erasing Diagnostic Trouble Codes
Parameter display
Activating components/functions
Special Function



      PAGE UP          PAGE DOWN

  HOME     BACK     PRINT     HELP
  Start  ▯        ▯    ☼    ▦ 10:19
```

5. **step 5:**

Select: Resetting the factory settings

```
 ┌─────────────────────────────────────────┐
 │   Please select special function item   │
 ├─────────────────────────────────────────┤
 │ Programming control module              │
 ├─────────────────────────────────────────┤
 │ Resetting the factory settings          │
 ├─────────────────────────────────────────┤
 │ Resetting low voltage counters          │
 ├─────────────────────────────────────────┤
 │ Resetting crash mode                    │
 ├─────────────────────────────────────────┤
 │                                         │
 ├─────────────────────────────────────────┤
 │                                         │
 ├─────────────────────────────────────────┤
 │                                         │
 ├─────────────────────────────────────────┤
 │                                         │
 ├──────────────────────┬──────────────────┤
 │      PAGE UP         │    PAGE DOWN      │
 ├──────────┬───────────┼─────────┬────────┤
 │   HOME   │   BACK    │  PRINT  │  HELP  │
 ├──────────┴───────────┴─────────┴────────┤
 │  Start  🗋      🖙    ☼   ⌨ 15:00       │
 └─────────────────────────────────────────┘
```

6. **step 6:**

The information of Resetting the factory settings:

When the car is manufactured, the car control modules are set to the factory settings. Certain functions are missing or function partially. This is to limit the power supply required during manufacture.

In this function, it is possible to read off whether the car is set to the factory settings. This allows the car to be reset to the normal settings (not the factory settings).

-Ignition on.

Click on the OK.

Check to see if the car is set to the factory settings.

If the car is set to the factory settings, program the control module so that it is set to normal. First launch programming and read off the new status.

```
┌─────────────────────────────────┐
│        Note information          │
├─────────────────────────────────┤
│ When the car is manufactured, the car │
│ control modules are set to the factory │
│ settings. Certain functions are missing │
│ or function partially. This is to limit │
│ the power supply required during │
│ manufacture. │
│                                  │
│ In this function, it is possible to │
│ read off whether the car is set to the │
│  factory settings. This allows the car │
│ to be reset to the normal settings (not │
│ the factory settings). │
│                                  │
│ -Ignition on. │
│ Click on the OK. │
│ Check to see if the car is set to the │
│ factory settings. │
├──────┬─────────┬─────────┬───────┤
│  OK  │ PAGE UP │PAGE DOWN│ CANCEL│
├──────┴─────────┴─────────┴───────┤
│ (Start) 🗍      ↵    ☼   ▦ 15:00 │
└─────────────────────────────────┘
```

7. **step 7:**

   Select Ok then it will send command to ECU, and display information like this:

```
┌─────────────────────────────────┐
│         ACTUATION TEST           │
├─────────────────────────────────┤
│ CEM-Factory mode        Off      │
├─────────────────────────────────┤
│ F1: CEM-Factory mode =           │
│ Off                              │
├─────────────────────────────────┤
│ F2: CEM-Factory mode = On        │
├─────────────────────────────────┤
│                                  │
├─────────────────────────────────┤
│                                  │
├─────────────────────────────────┤
│                                  │
├─────────────────────────────────┤
│                                  │
├──────────┬──────────┬────────────┤
│ PAGE UP  │ PAGE DOWN│   PRINT     │
├──────────┼──────────┼────────────┤
│   F1     │    F2    │   EXIT      │
├──────────┴──────────┴────────────┤
│ (Start) 🗍      ↵    ☼   ▦ 15:01  │
└─────────────────────────────────┘
```

The first line,CEM-Factory mode Off, is present programmed value for your vehicle, if you want to change this value, you can select the desired value in the list:

F1: CEM-Factory mode = Off

F2: CEM-Factory mode = On

For example: If you want to change this value to On, please select F2 and it will start programming. When programming finish, the Programmed Value will change to On as the following figure, it means that the programming succeed.

```
                 ACTUATION TEST

CEM-Factory mode              On

F1: CEM-Factory mode =
Off

F2: CEM-Factory mode = On




 ┌──────────┬──────────┬──────────┐
 │ PAGE UP  │PAGE DOWN │  PRINT   │
 ├──────────┼──────────┼──────────┤
 │    F1    │    F2    │   EXIT   │
 └──────────┴──────────┴──────────┘
  ( Start ) 回        ⤵  ☼  ▦ 15:10
```

8. **step 8:**

   When you want to exit this programming, please select EXIT:

```
                 ACTUATION TEST

CEM-Factory mode              On

F1: CEM-Factory mode =
Off

F2: CEM-Factory mode = On




 ┌──────────┬──────────┬──────────┐
 │ PAGE UP  │PAGE DOWN │  PRINT   │
 ├──────────┼──────────┼──────────┤
 │    F1    │    F2    │   EXIT   │
 └──────────┴──────────┴──────────┘
  ( Start ) 回        ⤵  ☼  ▦ 15:12
```