

## Programming control module ----- Warning for low beam position (Bi-Xenon)

The warning for low beam position can be programmed as on or off on cars with Bi-Xenon lamps according to the wishes of the customer.

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	PRIMI	HELP
Start			 10:17

### 2. step 2: select year

SELECT MENU			
VIN			
2003			
2004			
2005			
2006			
2007			
2008			
PAGE UP		PAGE DOWN	
HOME	BACK	PRIMI	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:**

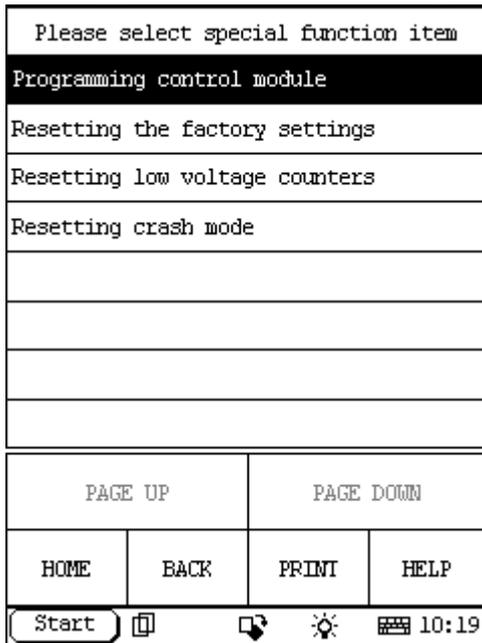
Select: Special Function.

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: Programming control module



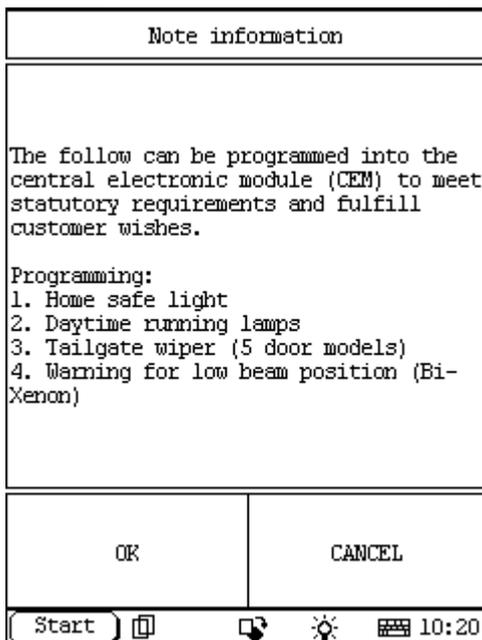
**6. step 6:**

The information of Programming control module:

The follow can be programmed into the central electronic module (CEM) to meet statutory requirements and fulfill customer wishes.

Programming:

1. Home safe light
2. Daytime running lamps
3. Tailgate wiper (5 door models)
4. Warning for low beam position (Bi-Xenon).



**7. step 7:**

Select OK, then it will display four Item function:

**Home safe light**

**Daytime running lamps**

**Tailgate wiper (5 door models)**

**Warning for low beam position (Bi-Xenon)**

Now please select Warning for low beam position (Bi-Xenon)

Programming control module			
Home safe light			
Daytime running lamps			
Tailgate wiper (5 door models)			
Warning for low beam position (Bi-Xenon)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start	☐	☑	☑ 14:51

**8. step 8:**

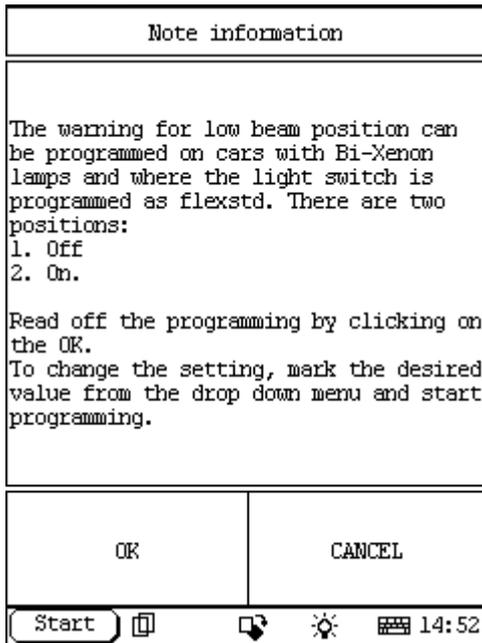
The information of Warning for low beam position (Bi-Xenon):

The warning for low beam position can be programmed on cars with Bi-Xenon lamps and where the light switch is programmed as flexstd. There are two positions:

1. Off
2. On.

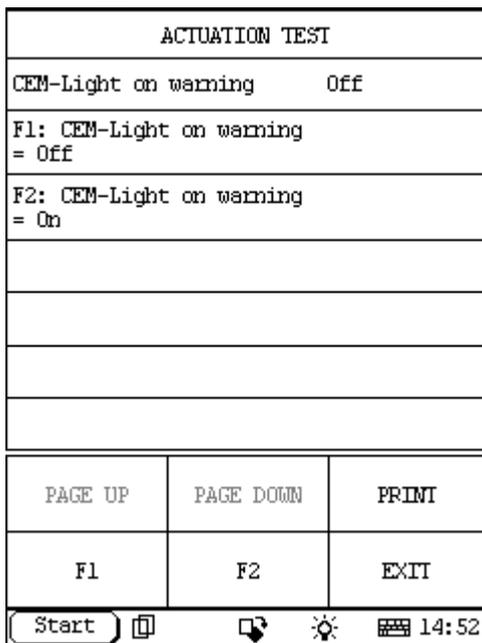
Read off the programming by clicking on the OK.

To change the setting, please view the instruction on the screen and touch corresponding key and start programming.



**9. step 9:**

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



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

F1: CEM-Light on warning = Off

F2: CEM-Light on warning = 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-Light on warning      On		
F1: CEM-Light on warning = Off		
F2: CEM-Light on warning = On		
PAGE UP	PAGE DOWN	PRINT
F1	F2	EXIT
<span>Start</span>     14:52		

**10. step 10:**

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

ACTUATION TEST		
CEM-Light on warning      On		
F1: CEM-Light on warning = Off		
F2: CEM-Light on warning = On		
PAGE UP	PAGE DOWN	PRINT
F1	F2	<b>EXIT</b>
<span>Start</span>     14:53		