




## Programming of short flash sequence

The function is possible to change the setting of short flash sequence.




Now we take XC90 2007 30728759 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			
<b>XC90</b>			
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			
<b>2007</b>			
2008			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 15:44




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)			
<b>CEM(Central electrical module)</b>			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 10:18

4. step 4:

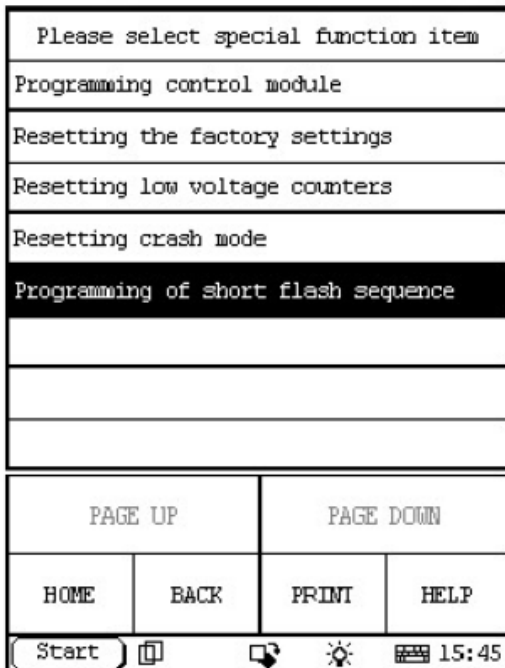
Select: Special Function.

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			
<b>Special Function</b>			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 10:19

5. step 5:

Select: Programming of short flash sequence



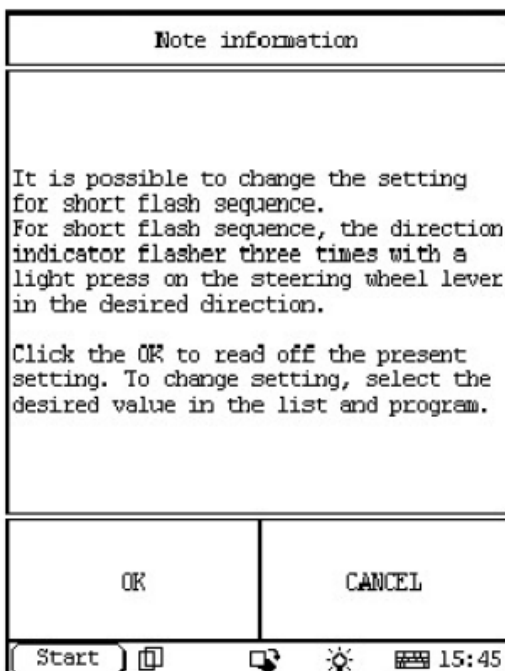
## 6. step 6:

The information of Programming of short flash sequence:

It is possible to change the setting of short flash sequence.





For short flash sequence, the direction indicator flashes three times with a light press on the steering wheel lever in the desired direction.

Click the OK to read off the present setting. To change setting, select the desired value in the list and program.



## 7. step 7:

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





ACTUATION TEST		
CEM-Turn indicator      Off		
F1: CEM-Turn indicator = Off		
F2: CEM-Turn indicator = On		
PAGE UP	PAGE DOWN	PRINT
F1	F2	EXIT
Start		   15:46

The first line, CEM-Turn indicator 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-Turn indicator = Off





F2: CEM-Turn indicator = On

Example: 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-Turn indicator      On		
F1: CEM-Turn indicator = Off		
F2: CEM-Turn indicator = On		
PAGE UP	PAGE DOWN	PRINT
F1	F2	EXIT
Start		   15:51

8. step 8:

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

ACTUATION TEST		
CEM-Turn indicator            On		
F1: CEM-Turn indicator = Off		
F2: CEM-Turn indicator = On		
PAGE UP	PAGE DOWN	PRINT
F1	F2	<b>EXIT</b>
Start		   15:51

LAUNCH