




## Programming control module ----- Home safe light

The home safe lights can be programmed to stay on for a longer or shorter time 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.

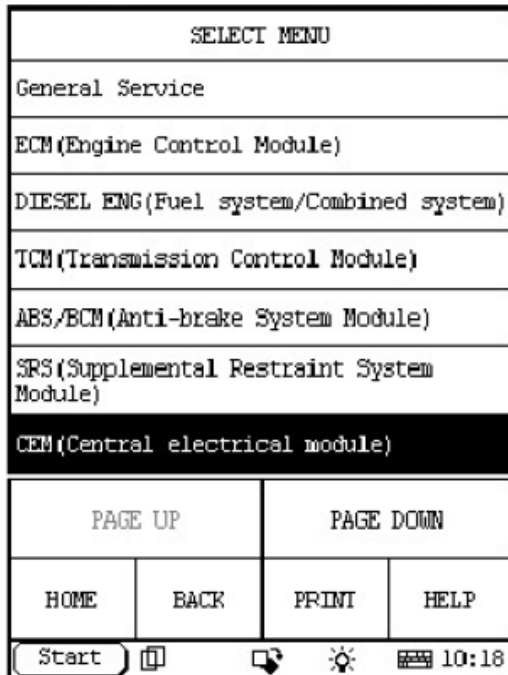
1. step 1: XC90

|                       |                                                                                     |                                                                                     |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 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                                                                                | PRINT                                                                               | HELP                                                                                      |
| Start                 |  |  |  10:17 |

2. step 2: select year

|             |                                                                                     |                                                                                     |                                                                                           |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| SELECT MENU |                                                                                     |                                                                                     |                                                                                           |
| VIN         |                                                                                     |                                                                                     |                                                                                           |
| 2003        |                                                                                     |                                                                                     |                                                                                           |
| 2004        |                                                                                     |                                                                                     |                                                                                           |
| 2005        |                                                                                     |                                                                                     |                                                                                           |
| 2006        |                                                                                     |                                                                                     |                                                                                           |
| 2007        |                                                                                     |                                                                                     |                                                                                           |
|             |                                                                                     |                                                                                     |                                                                                           |
|             |                                                                                     |                                                                                     |                                                                                           |
| PAGE UP     |                                                                                     | PAGE DOWN                                                                           |                                                                                           |
| HOME        | BACK                                                                                | PRINT                                                                               | HELP                                                                                      |
| Start       |  |  |  10:18 |

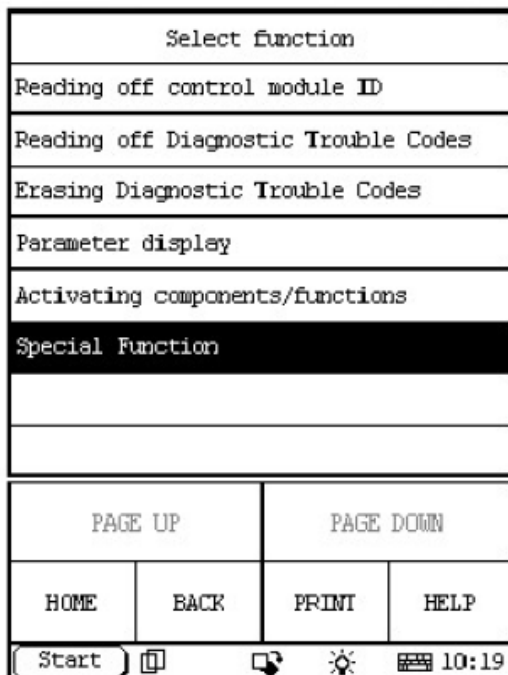
3. step 3: select CEM



4. step 4:

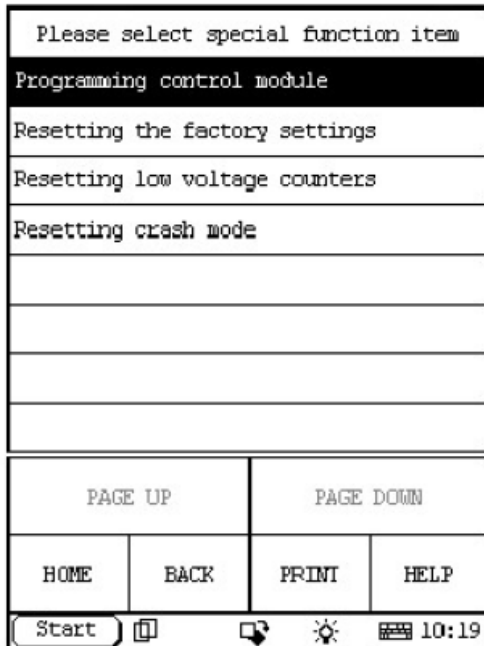
Select: Special Function.

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.



5. step 5:

Select: Programming control module



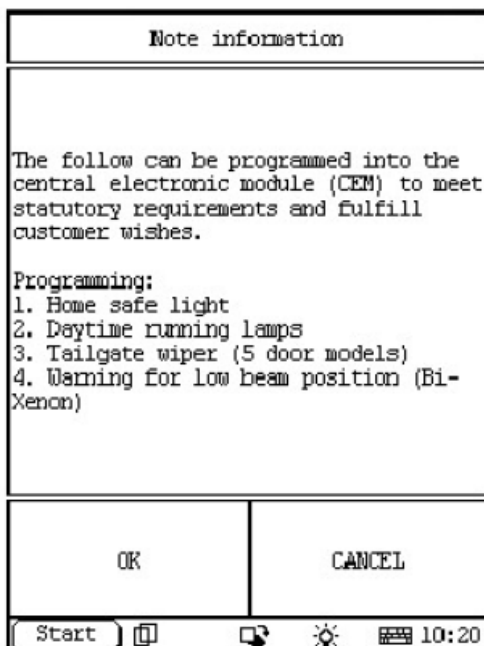
6. step 6:

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:

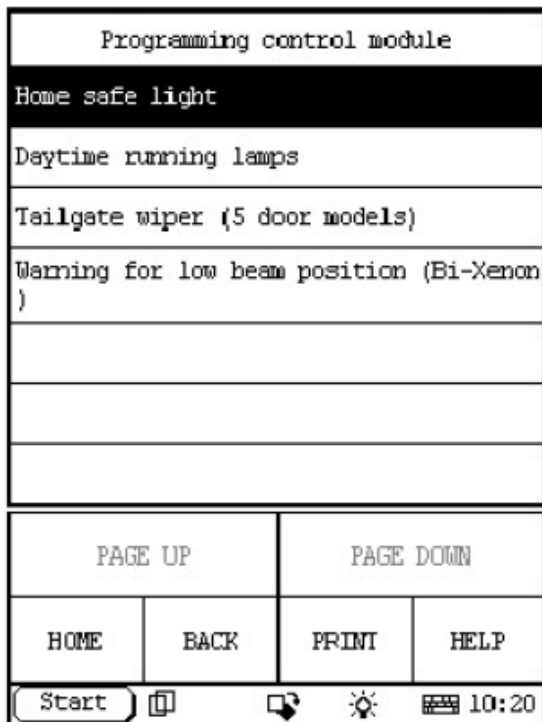
Home safe light

Daytime running lamps

Tailgate wiper (5 door models)

Warning for low beam position (Bi-Xenon)

Now please select Home safe light



## 8. step 8:

The information of Home safe light:

The home safe lights can be programmed to stay on for a longer or shorter time according to the wishes of the customer.

The factory setting is 30 seconds. The time can be set to 30, 60 or 90 seconds.

Read off the programming by click on the OK.

To change the time setting, please touch corresponding key and start programming.

| Note information                                                                                                                                                                                                                                                                                                                                                                     |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <p>The home safe lights can be programmed to stay on for a longer or shorter time according to the wishes of the customer .</p> <p>The factory setting is 30 seconds. The time can be set to 30, 60 or 90 seconds .</p> <p>Read off the programming by click on the OK.</p> <p>To change the time setting, mark the desired value from the drop down menu and start programming.</p> |        |
| OK                                                                                                                                                                                                                                                                                                                                                                                   | CANCEL |
| <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Start</span> <span>☰</span> <span>🔍</span> <span>💡</span> <span>📅 10:20</span> </div>                                                                                                                                                                                                        |        |

9. step 9:

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

| ACTUATION TEST                                                                                                                                                                |           |        |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|------|
| CEM-Home safe light                                                                                                                                                           |           | 30 sec |      |
| F1: CEM-Home safe light = 30 sec                                                                                                                                              |           |        |      |
| F2: CEM-Home safe light = 60 sec                                                                                                                                              |           |        |      |
| F3: CEM-Home safe light = 90 sec                                                                                                                                              |           |        |      |
|                                                                                                                                                                               |           |        |      |
|                                                                                                                                                                               |           |        |      |
|                                                                                                                                                                               |           |        |      |
| PAGE UP                                                                                                                                                                       | PAGE DOWN | PRINT  |      |
| F1                                                                                                                                                                            | F2        | F3     | EXIT |
| <div style="display: flex; justify-content: space-between; align-items: center;"> <span>Start</span> <span>☰</span> <span>🔍</span> <span>💡</span> <span>📅 10:21</span> </div> |           |        |      |

The first line, CEM-Home safe light 30 sec, 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-Home safe light = 30 sec

F2: CEM-Home safe light = 60 sec

F3: CEM-Home safe light = 90 sec

Example: you want to change this value to 60 sec, please select F2 and it will start programming. When programming finish, the Programmed Value will change to 60 sec as following figure, it means that the programming succeed.

|                                     |  |           |       |
|-------------------------------------|--|-----------|-------|
| ACTUATION TEST                      |  |           |       |
| CEM-Home safe light                 |  | 60 sec    |       |
| F1: CEM-Home safe light =<br>30 sec |  |           |       |
| F2: CEM-Home safe light =<br>60 sec |  |           |       |
| F3: CEM-Home safe light =<br>90 sec |  |           |       |
|                                     |  |           |       |
|                                     |  |           |       |
|                                     |  |           |       |
| PAGE UP                             |  | PAGE DOWN |       |
| F1                                  |  | F2        |       |
| F3                                  |  | EXIT      |       |
| Start                               |  |           | 10:34 |

10. step 10:

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

|                                     |  |             |       |
|-------------------------------------|--|-------------|-------|
| ACTUATION TEST                      |  |             |       |
| CEM-Home safe light                 |  | 60 sec      |       |
| F1: CEM-Home safe light =<br>30 sec |  |             |       |
| F2: CEM-Home safe light =<br>60 sec |  |             |       |
| F3: CEM-Home safe light =<br>90 sec |  |             |       |
|                                     |  |             |       |
|                                     |  |             |       |
|                                     |  |             |       |
| PAGE UP                             |  | PAGE DOWN   |       |
| F1                                  |  | F2          |       |
| F3                                  |  | <b>EXIT</b> |       |
| Start                               |  |             | 10:35 |