




## Self-adjustment of damper motor end stops

This function is intended to carry out self adjustment to define the shutter motor limit positions.




Now we take S60 2001 30658808 A (ECU Diagnostic Part Number) as an example to illustrate the operation:

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




1. step 1: S60

SELECT MENU			
850			
960			
C70 Coupe			
C70 Conv			
S40 (-04)			
S40 (04-)			
<b>S60</b>			
S70			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 14:10

2. step 2: select year

SELECT MENU			
VIN			
<b>2001</b>			
2002			
2003			
2004			
2005			
2006			
2007			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 14:11




3. step 3: select CCM

SELECT MENU			
UEM (Up electrical module)			
REM (Rear electrical module)			
DIM (Driver information module)			
PDM (Passenger door module)			
PSM (Power seat module)			
DDM (Driver door module)			
CCM (Climate control module)			
PHM (Phone module)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 14:11

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 out 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			
Reading off extended diagnostic trouble code (DTC) information			
Erasing Diagnostic Trouble Codes			
Parameter display			
Special Function			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 14:14

5. step 5:

Select: Self-adjustment of damper motor end stops

Please select special function item			
Self-adjustment of damper motor end stops			
Reading-out programmed parameters			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			14:14

6. step 6:

The information of Self-adjustment of damper motor end stops:

Please select Climate Control type

1 climate control (ECC)

2 Manual climate control (MCC)/Standard (STD).




Please select one according to you want to programmed.

If you select ECC, please operate as from step 7 to step 10; else following from step 11 to step 14.

Please select Climate Control type			
Electronic climate control (ECC)			
Manual climate control (MCC)/Standard (STD)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			14:15

7. step 7:

Select: 1、 Electronic climate control (ECC)

Please select Climate Control type			
Electronic climate control (ECC)			
Manual climate control (MCC)/Standard (STD)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 14:15

8. step 8:

The information of Electronic climate control (ECC):

After replacing the control module or shutter motors, and when a shutter motor or link has been removed, carry out self adjustment to define the shutter motor limit positions.

-Ignition off




-Reinstall the connectors, components etc.

-Ignition on

Activate the self-adjustment. Wait at least 30 seconds.

Ignition off for at least 1 minute.





Start the engine

Note information	
<p>After replacing the control module or shutter motors, and when a shutter motor or link has been removed, carry out self adjustment to define the shutter motor limit positions.</p> <p>-Ignition off</p> <p>-Reinstall the connectors, components etc.</p> <p>-Ignition on</p> <p>Activate the self-adjustment. Wait at least 30 seconds.</p> <p>Ignition off for at least 1 minute.</p> <p>Start the engine</p>	
OK	CANCEL
Start	
	 14:20





Please do as above instructions, install the connectors and components, then switch ignition ON.

9. step 9:

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

ACTUATION TEST		
Left Temp		
Right Temp		
Defroster		
Recirculation		
Ventilation		
PAGE UP	PAGE DOWN	PRINT
Start Activate	EXIT	
Start		   14:21

All value will not be display before click "Start Activate".  
Click "Start Activate". It will display values like this:

ACTUATION TEST		
Left Temp	OK	
Right Temp	Undefined area	
Defroster	Limit position not found	
Recirculation	Error	
Ventilation	Not available	
PAGE UP	PAGE DOWN	PRINT
Start Activate	EXIT	
Start		   15:07

Please wait for 30s at least.

10. step 10:

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

ACTUATION TEST				
Left Temp	OK			
Right Temp	Undefined area			
Defroster	Limit position not found			
Recirculation	Error			
Ventilation	Not available			
PAGE UP	PAGE DOWN	PRINT		
Start Activate	EXIT			
Start				15:08

Ignition OFF at least 1 minute, then start the engine to check if set is ok.

11. step 11:

Select: 2、 Manual climate control (MCC)/Standard (STD).

Please select Climate Control type			
Electronic climate control (ECC)			
Manual climate control (MCC)/Standard (STD)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			15:25

12. step 12

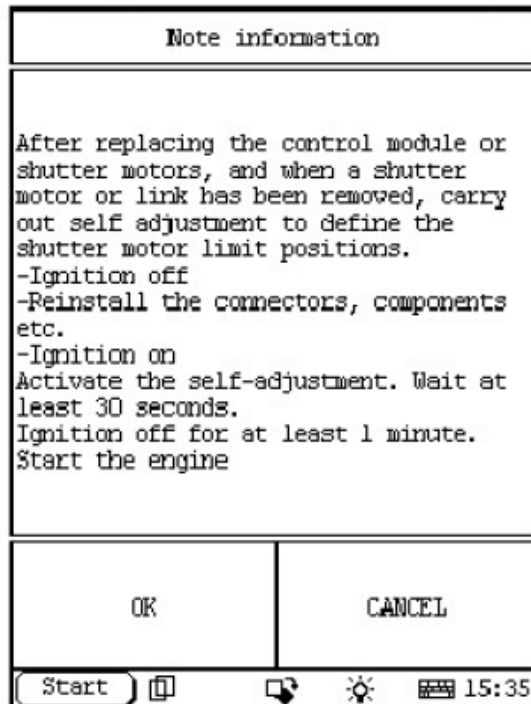
The information of Manual climate control (MCC)/Standard (STD)

After replacing the control module or shutter motors, and when a shutter motor or link has been removed, carry out self adjustment to define the shutter motor limit positions.

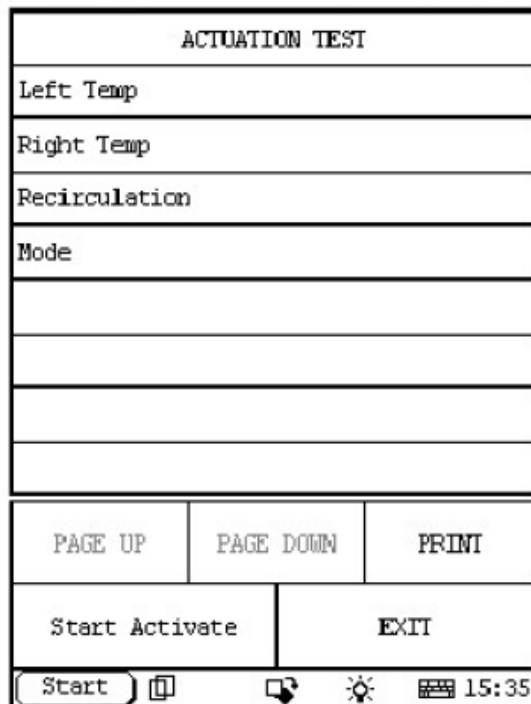
-Ignition off

-Reinstall the connectors, components etc.





-Ignition on  
 Activate the self-adjustment. Wait at least 30 seconds.  
 Ignition off for at least 1 minute.  
 Start the engine



13. step 13:  
 Select Ok then it will send command to ECU, and display information:







All value will not be display before click "Start Activate".  
 Click "Start Activate". it will display values like this:

ACTUATION TEST		
Left Temp	OK	
Right Temp	Undefined area	
Recirculation	Undefined area	
Mode	Error	
PAGE UP	PAGE DOWN	PRINT
Start Activate		EXIT
Start		   15:36

Please wait for 30s at least.

14. step 14:

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

ACTUATION TEST		
Left Temp	OK	
Right Temp	Undefined area	
Recirculation	Undefined area	
Mode	Error	
PAGE UP	PAGE DOWN	PRINT
Start Activate		<b>EXIT</b>
Start		   15:38

Ignition OFF at least 1 minute, then start the engine to check if set is ok.