

## Adaptation of the throttle unit

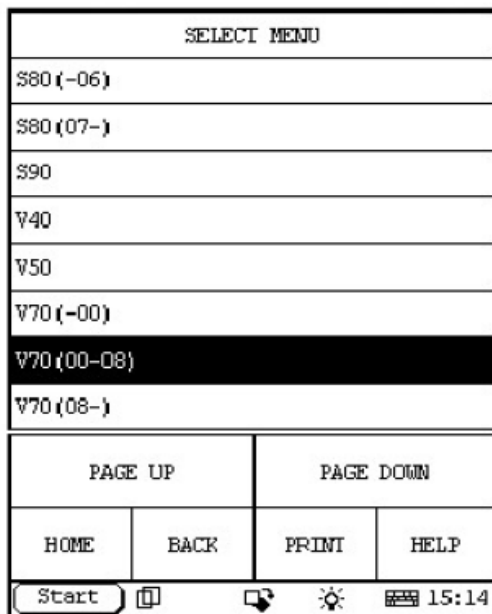
Now this function is available on the following engines:

B6294T, B6294S2, B5234T7, B5244T5, B5244T7, B5254T2, B5254T3, B5254T6, B5254T7

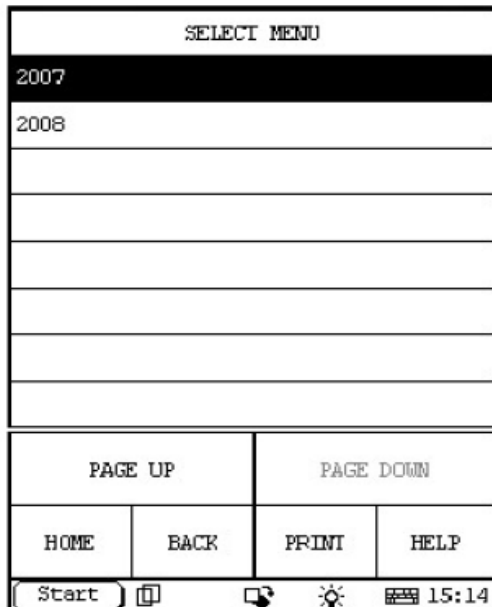
Now we take V70(00-08) 2007 B5244T5 30771311 AA (ECU Diagnostic Part Number) as an example to illustrate the operation:

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

1. step 1: V70(00-08)



2. step 2: select year



3. step 3: select ECM

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			

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			
Reading off extended diagnostic trouble code(DTC) information			
Erasing Diagnostic Trouble Codes			
Parameter display			
Activating components/functions			
Special Function			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			




5. step 5:

select Adaptation of the throttle unit

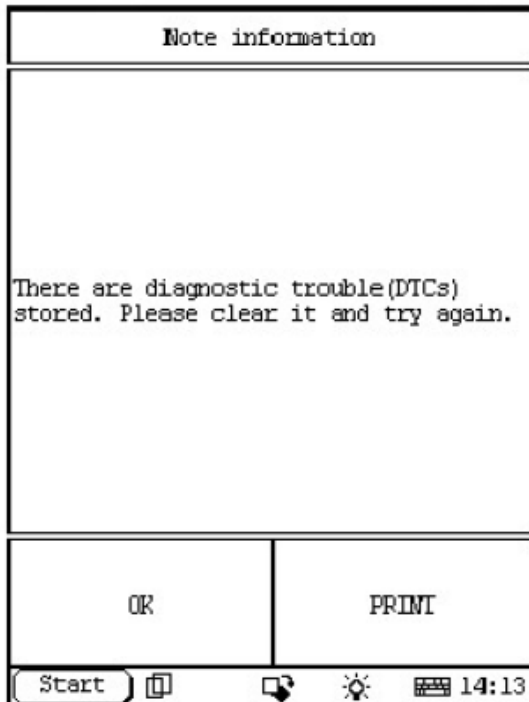
Please select special function item			
Adaptation of the throttle unit			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 13:59

6. Step 6:

The information is Check to see if any diagnostic trouble(DTCs) are stored.

Note information			
<p>-Ignition on          -Read off diagnostic trouble codes(DTCs )          Check to see if any diagnostic trouble( DTCs) are stored. Any other diagnostic trouble codes(DTCs) mean that adaptation of the engine control module in not possible.</p>			
OK	CANCEL		
Start			 14:08

If there are diagnostic trouble(DTCs) stored. Please clear it and try again. Then return to step 2.



#### 7. Step 7:

If there are not diagnostic trouble(DTCs) stored. Continue this function and show information like this:

Note: The ignition must be switched on for at least 30 seconds after the basic conditions are met in order for the adaptation to start. It takes approximately 10 seconds to run the adaptation.

-Ignition off

-Ignition on

-Read off the parameters

check that the following basic conditions for adaptation of the throttle unit are met.




1. Ignition on/engine off
2. Battery voltage above 12V
3. Accelerator pedal(AP) unaffected
4. The car must be stationary(no vehicle speed signal)
5. Engine coolant temperature(ECT) between 5-100 °C
6. Intake air temperature(IAT) above 5°C

Remedy as necessary

Check that the adaptation is correctly run after the "Adaptation of the throttle unit running" parameter changes status from "YES" to "NO". When all basic conditions are met, the adaptation must be completed after approximately 40 seconds. When the adaptation is completed correctly, the following information will be displayed:

Adaptation of the throttle unit: OK




Adaptation of the throttle unit running: NO

Note information			
<p>Note: The ignition must be switched on for at least 30 seconds after the basic conditions are met in order for the adaptation to start. It takes approximately 10 seconds to run the adaptation.</p> <p>-Ignition off -Ignition on -Read off the parameters</p> <p>check that the following basic conditions for adaptation of the throttle unit are met.</p> <ol style="list-style-type: none"> <li>1. Ignition on/engine off</li> <li>2. Battery voltage above 12V</li> <li>3. Accelerator pedal (AP) unaffected</li> <li>4. The car must be stationary (no vehicle speed signal)</li> </ol>			
OK	PAGE UP	PAGE DOWN	CANCEL
Start			 14:19

## 8. Step 8:

Select OK button and it will display some item like data stream.

When you want to exit this function, please select Stop.

ACTUATION TEST		
Battery Voltage	11.97 V	
Intake air temperature	20.25 °C	
Coolant temperature	-48.00 °C	
Adaptation throttle unit	OK	
Adaptation throttle unit, NO running		
PAGE UP	PAGE DOWN	PRINT
STOP		
Start		  14:20