




Checking brake light switch adjustment

This function is intended to check brake light switch adjustment.




Now we take V50_2005 08688027 B (ECU Diagnostic Part Number) as an example to illustrate the operation:

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




1. step 1: V50

SELECT MENU			
S80(-06)			
S80(07-)			
S90			
V40			
V50			
V70(-00)			
V70(00-08)			
V70(08-)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			
11:01			

2. step 2: select year

SELECT MENU			
VIN			
2004			
2005			
2006			
2007			
2008			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			
11:02			




3. step 3: select ABS

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			 11:02

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, 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			 11:03

5. step 5:

Select Checking brake light switch adjustment

Please select special function item			
Checking brake light switch adjustment			
Reading off the configuration			
Calibration(car with DSTC)			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			11:07

6. step 6:

The information of Checking brake light switch adjustment:

-Start the engine.

Activated readout of components by clicking the OK button.

Slowly press down the brake pedal.

Check the pedal position sensor's value when the brake light switch status changes from Off to On.





The pedal position sensor shall have a value of at least 0.8mm when the brake light switch status changes from Off to On.

If the pedal position sensor's value is below the value given above, the brake light switch shall be readjusted.

Note information			
<p>-Start the engine. Activated readout of components by clicking the OK button. Slowly press down the brake pedal. Check the pedal position sensor's value when the brake light switch status changes from Off to On. The pedal position sensor shall have a value of at least 0.8mm when the brake light switch status changes from Off to On. If the pedal position sensor's value is below the value given above, the brake light switch shall be readjusted.</p>			
OK	CANCEL		
Start			11:07

7. step 7:





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

ACTUATION TEST		
Break light switch status On		
Pedal travel sensor signal	41.029 mm	
PAGE UP	PAGE DOWN	PRINT
EXIT		
Start		   11:07

If Pedal travel sensor signal value is below 0.8mm, you should adjust the switch, then perform above steps again until the value is correct.

8. step 8:

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

ACTUATION TEST		
Break light switch status On		
Pedal travel sensor signal	41.029 mm	
PAGE UP	PAGE DOWN	PRINT
EXIT		
Start		   11:08