




Calibration of position sensor

This function is intended to calibrate gear-position sensor.




Now we take XC90 2007 30759315 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			 16:40

2. step 2: select year

SELECT MENU			
VIN			
2003			
2004			
2005			
2006			
2007			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 16:40




3. step 3: select TCM

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			 16:41

4. step 4:

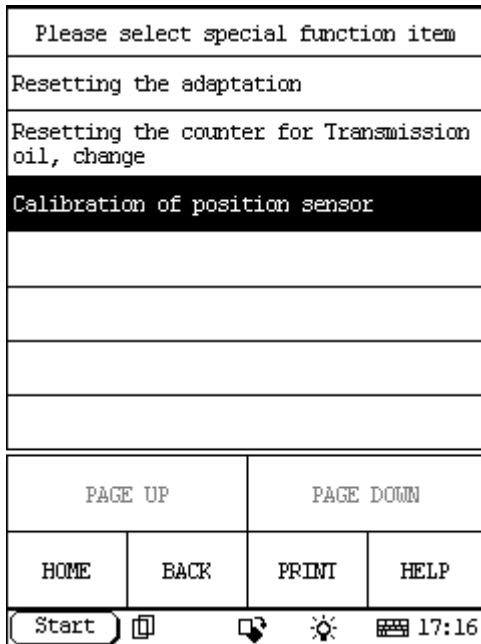
Select special function

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			
Special Function			
PAGE UP		PAGE DOWN	
HOME	BACK	PRINT	HELP
Start			 16:41

5. step 5:

Select Calibration of position sensor



6. step 6:

The information of Calibration of position sensor

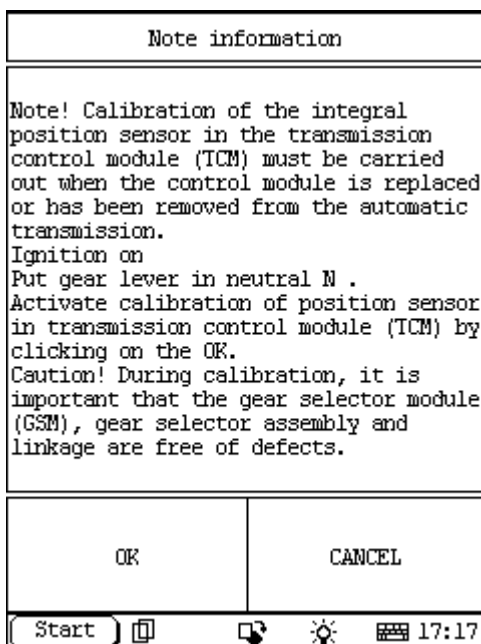
Note! Calibration of the integral position sensor in the transmission control module (TCM) must be carried out when the control module is replaced or has been removed from the automatic transmission.

Ignition on

Put gear lever in neutral N.

Activate calibration of position sensor in transmission control module (TCM) by clicking on the OK.

Caution! During calibration, it is important that the gear selector module (GSM), gear selector assembly and linkage are free of defects.

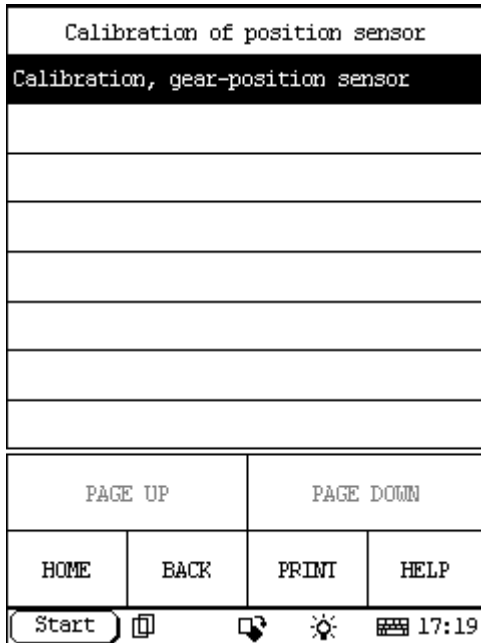


7. step 7:

Select OK, then it will display as:

Calibration, gear-position sensor

If you select it, then send command to vehicle and show result to you (see step 8).



8. step 8:

If Reset succeeds, it will display: Operation finished.

Otherwise it will display: Operation failed. In the case, please try again.

