

LAUNCH

BMW Ride Height Adjustment Guide X5 2007

Test Model:

BMW X5 2007, N52 Engine, VIN=WBAFE4108LY****



Instruction:

After replacing the control unit, height sensor; wiring harness, shock absorber or fault code 5FB4EHC in EHC System cannot be cleared, we must carry out the driving height calibration. This process is applicable to the driving height adjustment function of X series vehicles.

System	Status	Action
EHC (Electronic Ride-Height Control)	1	Enter
ECM (Engine Control Module - DME/DDE)	Normal	Enter
TCM (Transmission Control Module - EGS/DKG/SMG)	Normal	Enter
VTG (Transfer Case)	Normal	Enter
GWS (Gear Selector Switch)	Normal	Enter
AL (Active Steering)	Normal	Enter
ABS (Anti-Lock Braking System - DSC)	Normal	Enter

BMW X5 3.0si 2007.11
VIN WBAFE41088LY73679

Report Help Compare Results Clear DTCs

Precautions:

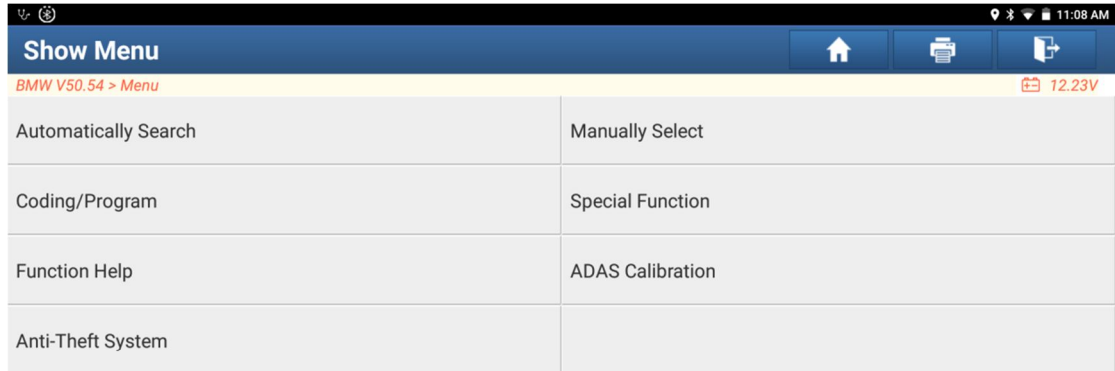
- If the vehicle has a manual gearbox, please step on and release the clutch pedal;
- Make sure the vehicle is stationary and parked in a horizontal position;
- The parking brake must be applied;

LAUNCH

- For manual gearboxes, shift the gear lever to the neutral position;
- For automatic gearboxes, change the gear lever to the P position;

Steps:

1. Enter BMW software and select "Auto Search".



2. Select "16PIN" and confirm the vehicle information.



LAUNCH

3. Select "EHC system" and enter.

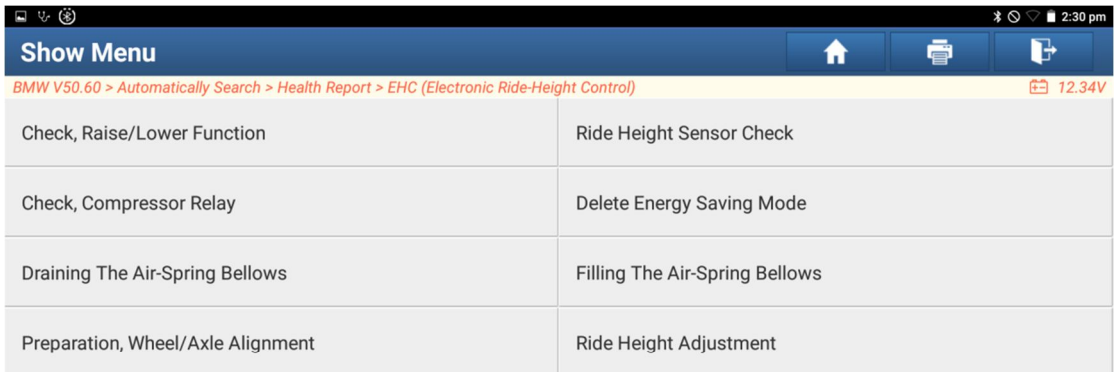
Diagnostic Trouble Code		
BMW V50.60 > Automatically Search > Health Report 12.24V		
EHC (Electronic Ride-Height Control)	1 ▾	Enter
ECM (Engine Control Module - DME/DDE)	Normal	Enter
TCM (Transmission Control Module - EGS/DKG/SMG)	Normal	Enter
VTG (Transfer Case)	Normal	Enter
GWS (Gear Selector Switch)	Normal	Enter
AL (Active Steering)	Normal	Enter
ABS (Anti-Lock Braking System - DSC)	Normal	Enter
BMW X5 3.0si 2007.11 VIN WBAFE41088LY73679		
Report		Help
Compare Results		Clear DTCs

4. Choose "Special Function".

Show Menu	
BMW V50.60 > Automatically Search > Health Report > EHC (Electronic Ride-Height Control) 12.34V	
Module Information	Read Fault Code
Clear Fault Code	Read Data Stream
Read Freeze Frame	Fault Guidance
Actuation Test	Special Function
BMW X5 3.0si 2007.11 VIN WBAFE41088LY73679	

LAUNCH

5. Select "Ride Height Adjustment".



Show Menu	
Check, Raise/Lower Function	Ride Height Sensor Check
Check, Compressor Relay	Delete Energy Saving Mode
Draining The Air-Spring Bellows	Filling The Air-Spring Bellows
Preparation, Wheel/Axle Alignment	Ride Height Adjustment



BMW X5 3.0si 2007.11 VIN WBAFE41088LY73679

6. Select "[2] Perform Ride Height Adjustment".



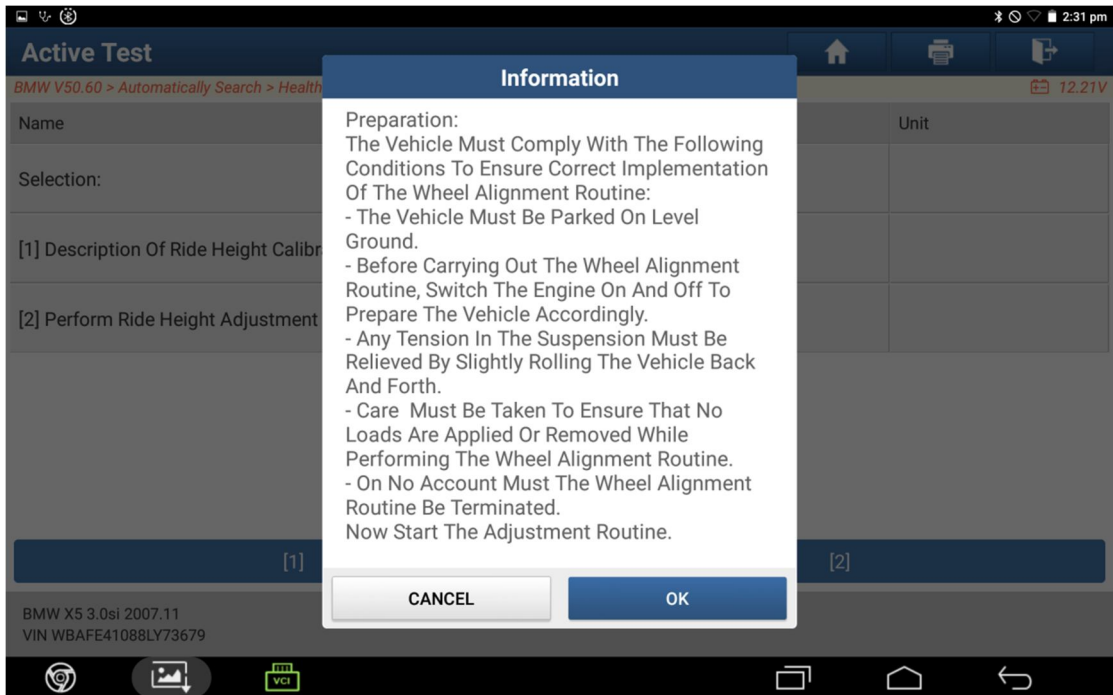
Name	Value	Unit
Selection:		
[1] Description Of Ride Height Calibration EHC		
[2] Perform Ride Height Adjustment		



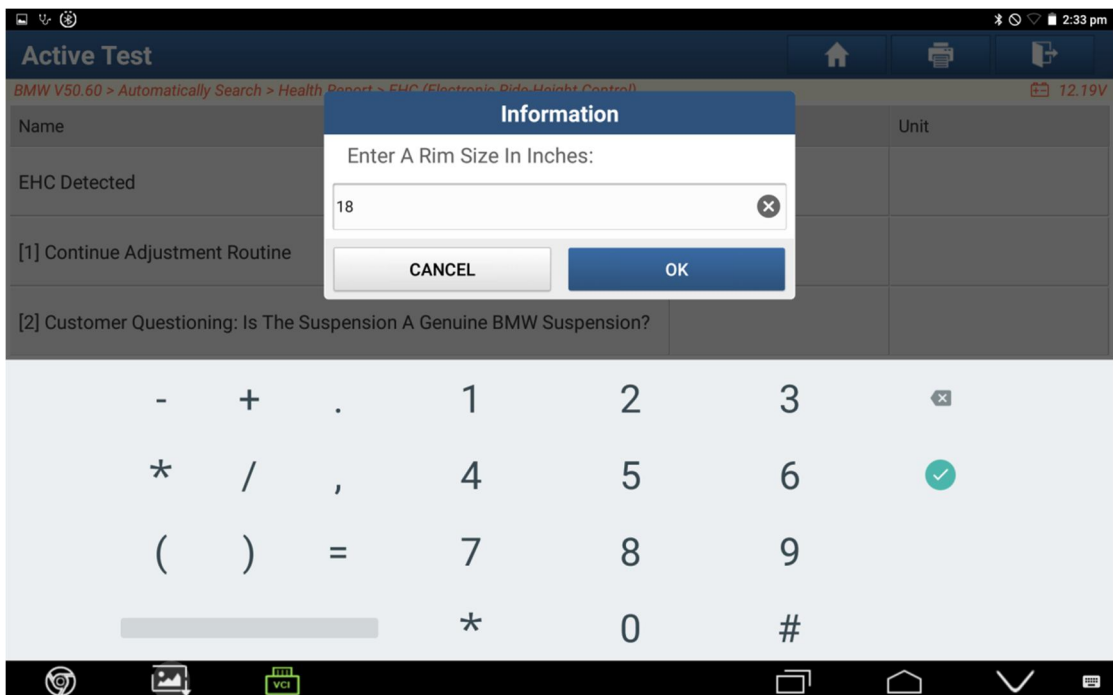
[1]	[2]
BMW X5 3.0si 2007.11 VIN WBAFE41088LY73679	

LAUNCH

7. Read the preparation carefully, and click "OK" to continue.

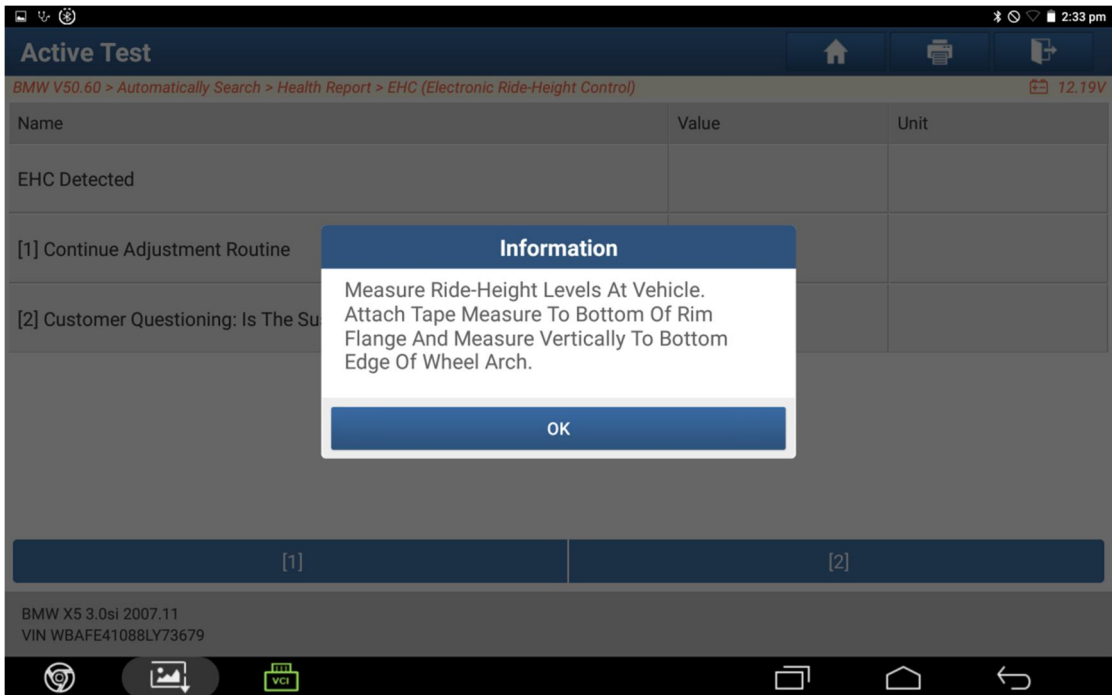


8. Input the rim size in inches, here we input 18.

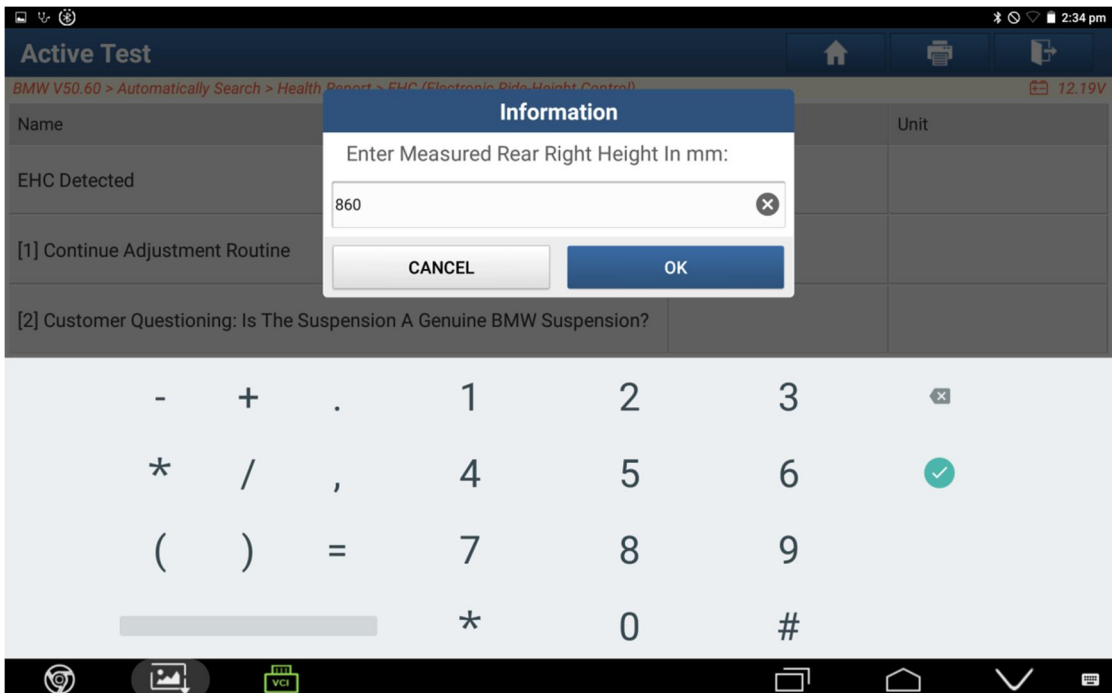


LAUNCH

9. Measure ride-height levels at vehicle.

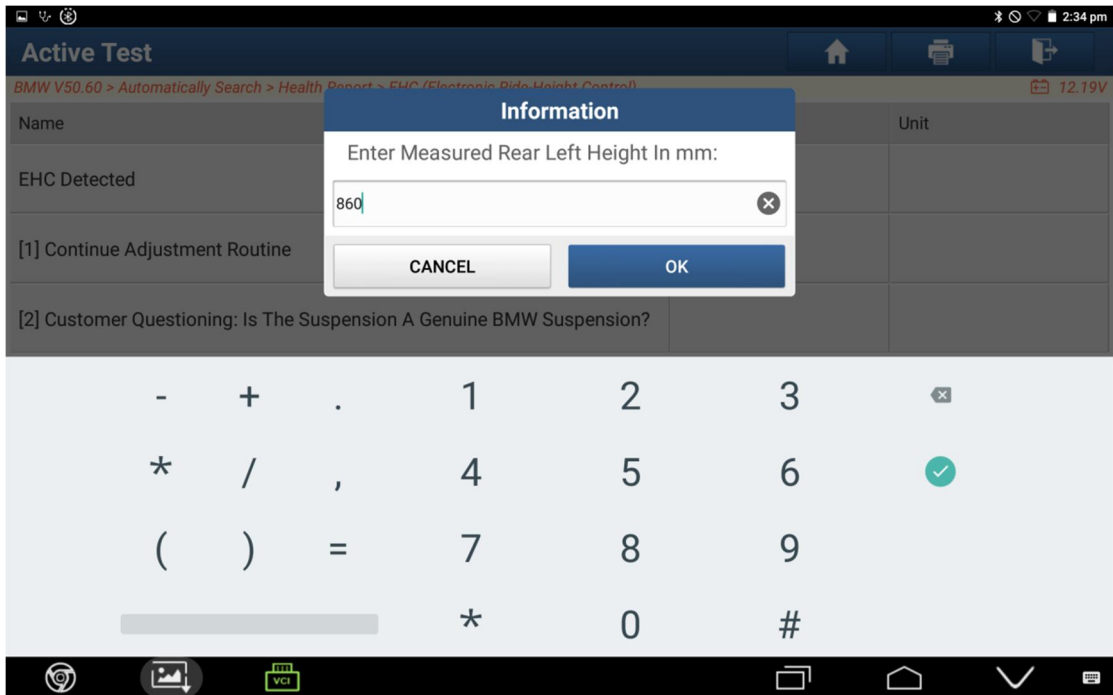


10. Input the measured rear right height in mm.

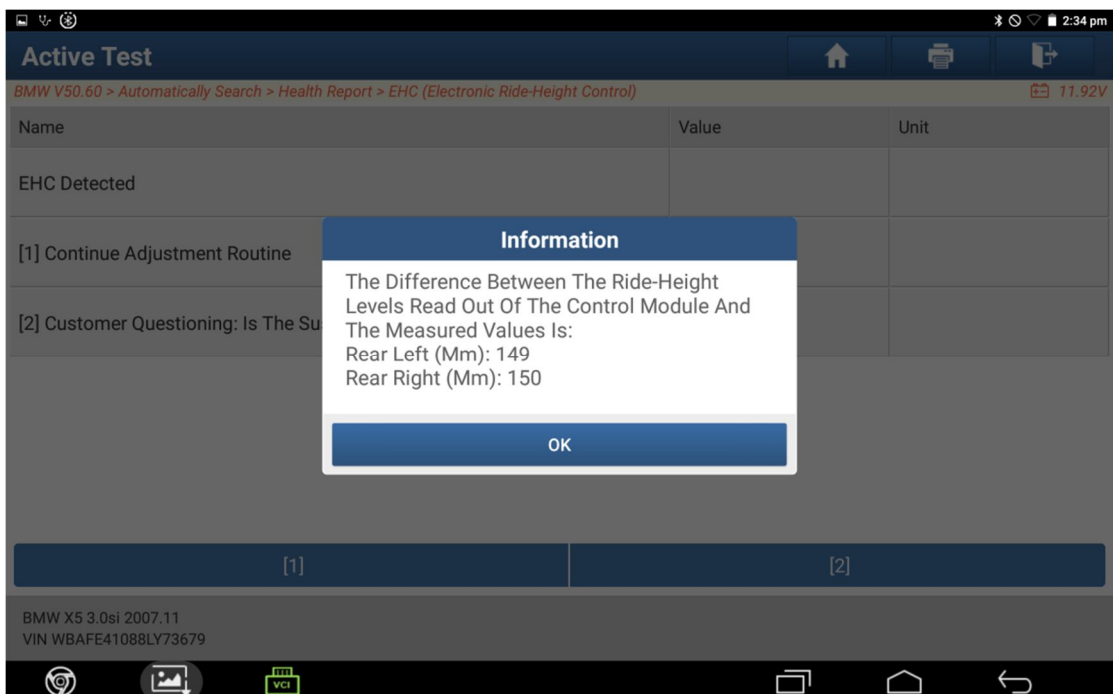


LAUNCH

11. Input the rear left height in mm.

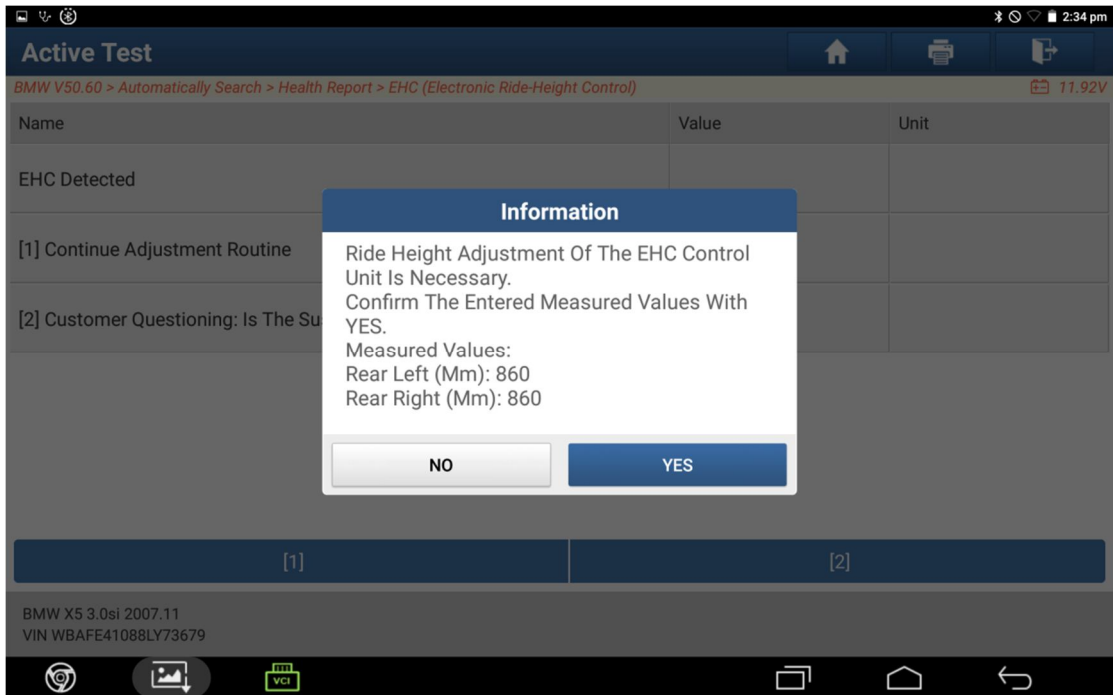


12. The info remind us "The difference between the ride-height levels read out of the control module and the measured values", click "OK" to continue.

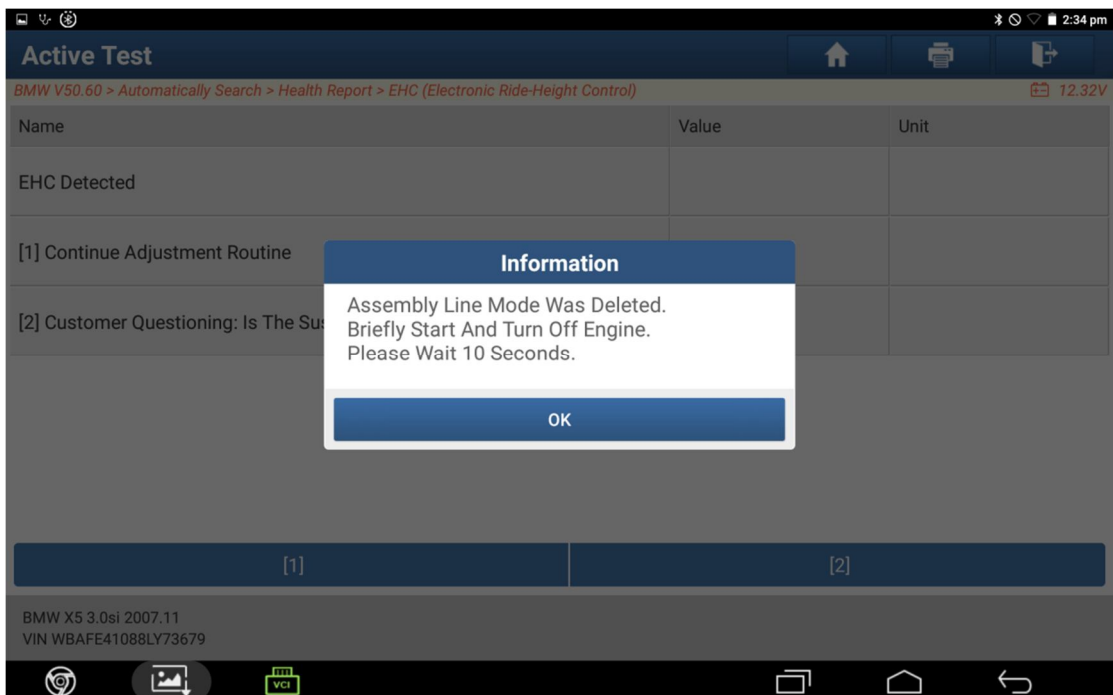


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13. Confirm the measured values right or not, if it is right, click "Yes".

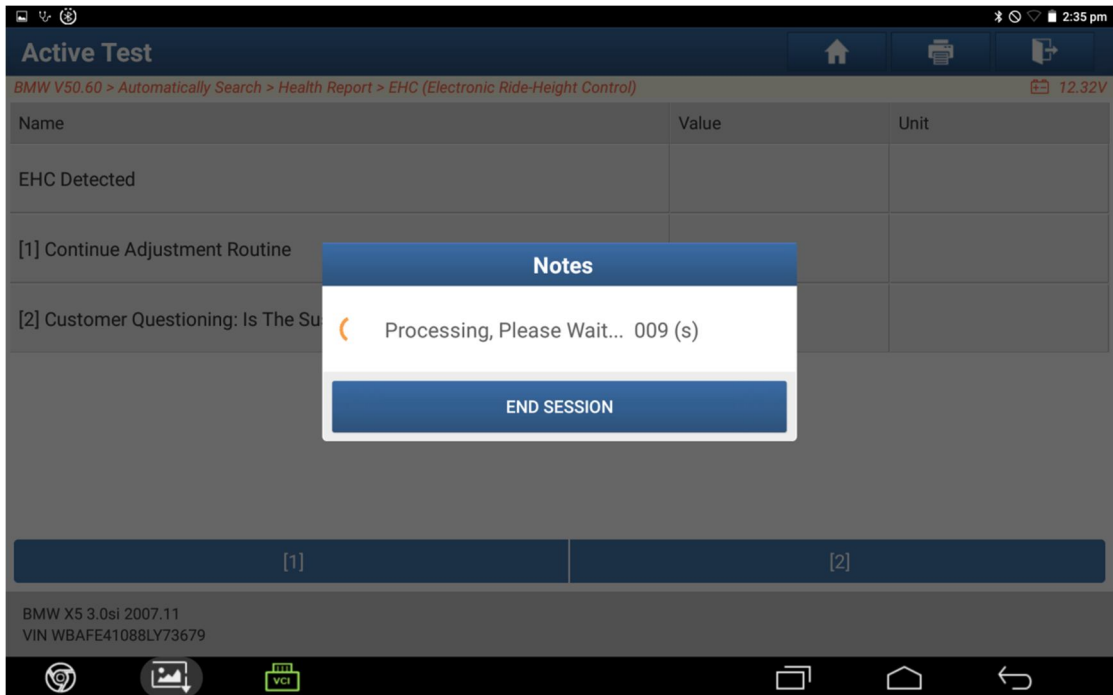


14. Briefly start and turn off engine, then wait 10s. then click "OK".

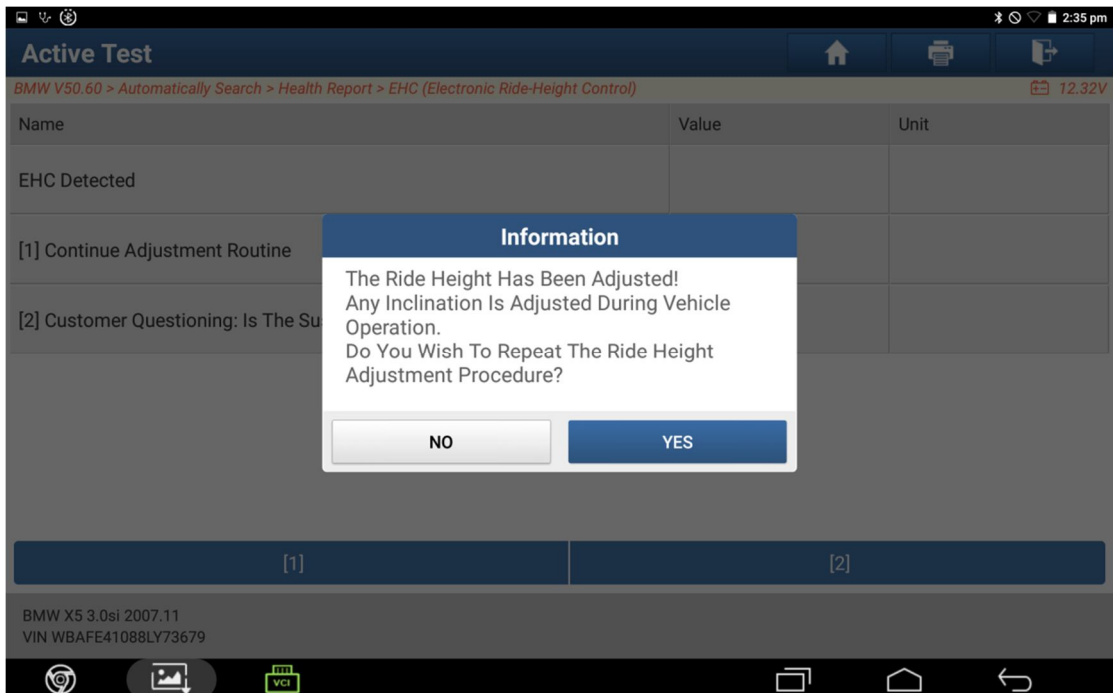


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15. Wait...

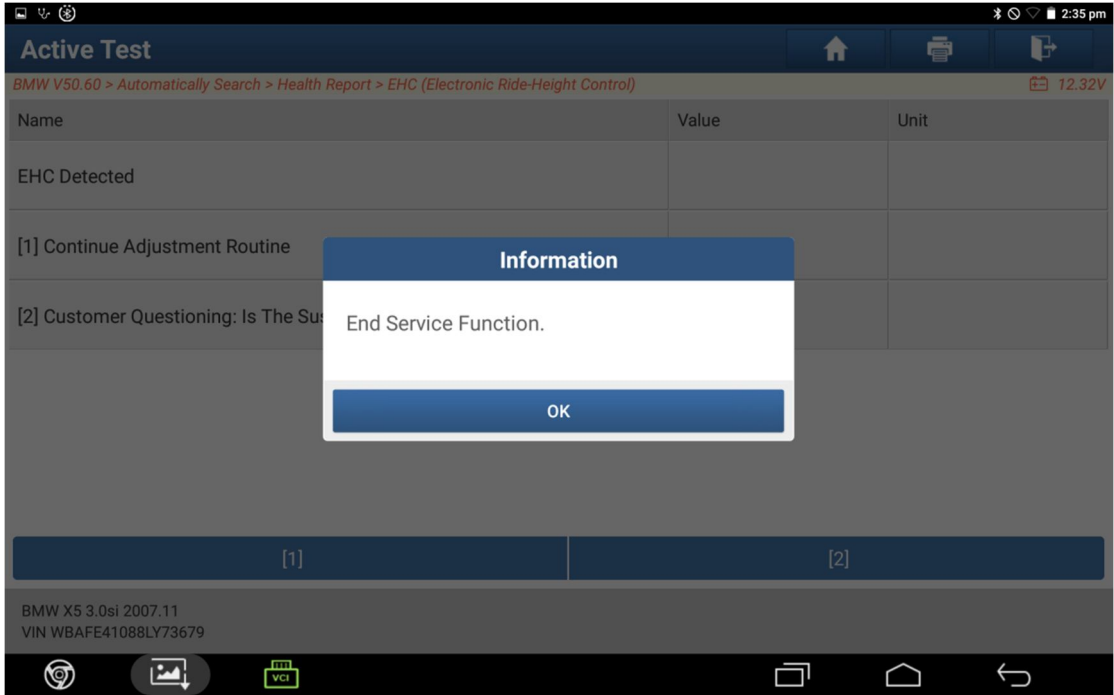


16. Adjusted. Confirm is do you need to repeat the process again? Click "No" to exit.



LAUNCH

17. Done.



18. Read DTC in EHC, no fault code.

