

Benz 320L Correction Programming Of Fuel Quantity

2016 Benz 320L, VIN: WDDUG6CBXGA27****

This function is mainly used to delay the ignition timing. When the fuel quality is poor, this correction function can prevent the internal combustion engine from abnormal vibration.




Steps:

1. Enter Benz Software.

Vehicle Version Information	
Software ID	Version #
MERCEDES	V49.33
<p>Mercedes Benz Series V49.33 Full System</p> <p>This Program Diagnoses Mercedes Electronic Control Systems Coverage From 1997 - 2018, Including: Power, Chassis, Body, Info, Seat & Door, A/C, Etc.</p>	
Vehicle Coverage	What's new
Introduction	Note
Search Blue	OK


2. Choose “control module programming”.

Show Menu

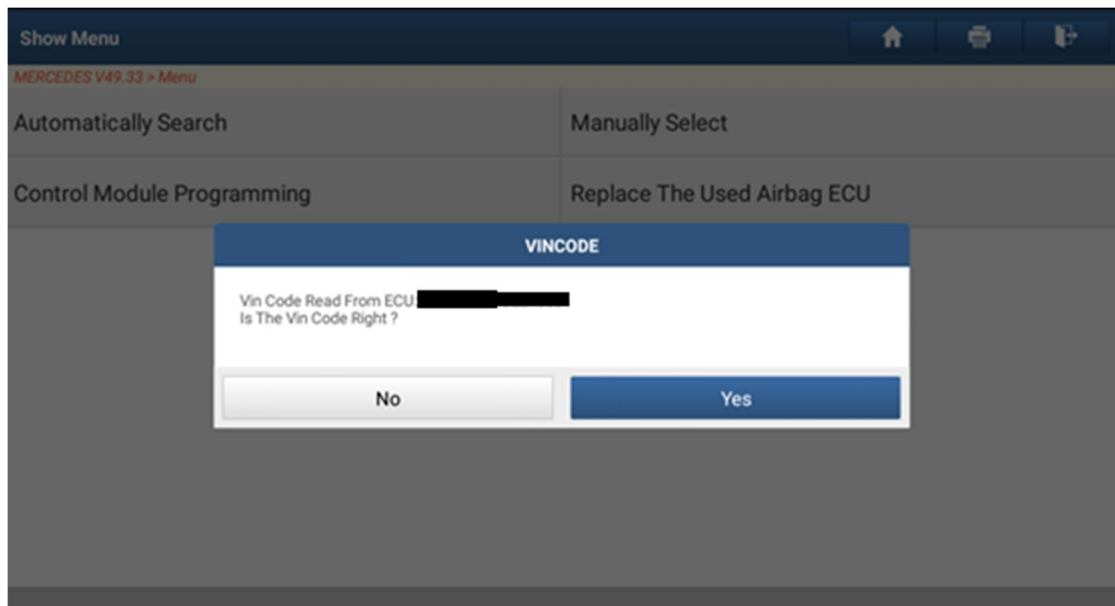
MERCEDDES V49.23 > Menu

Automatically Search	Manually Select
Control Module Programming	Replace The Used Airbag ECU

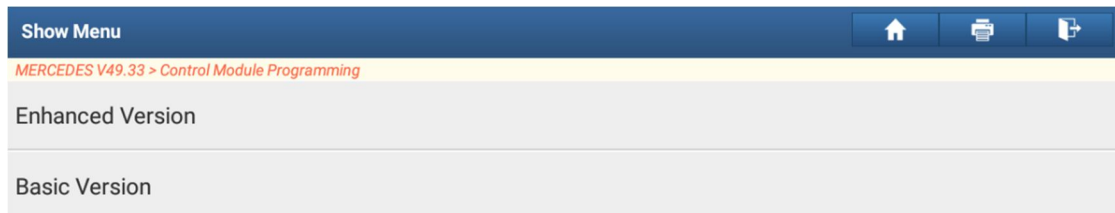


Mercedes

3. Check the VIN right or not.

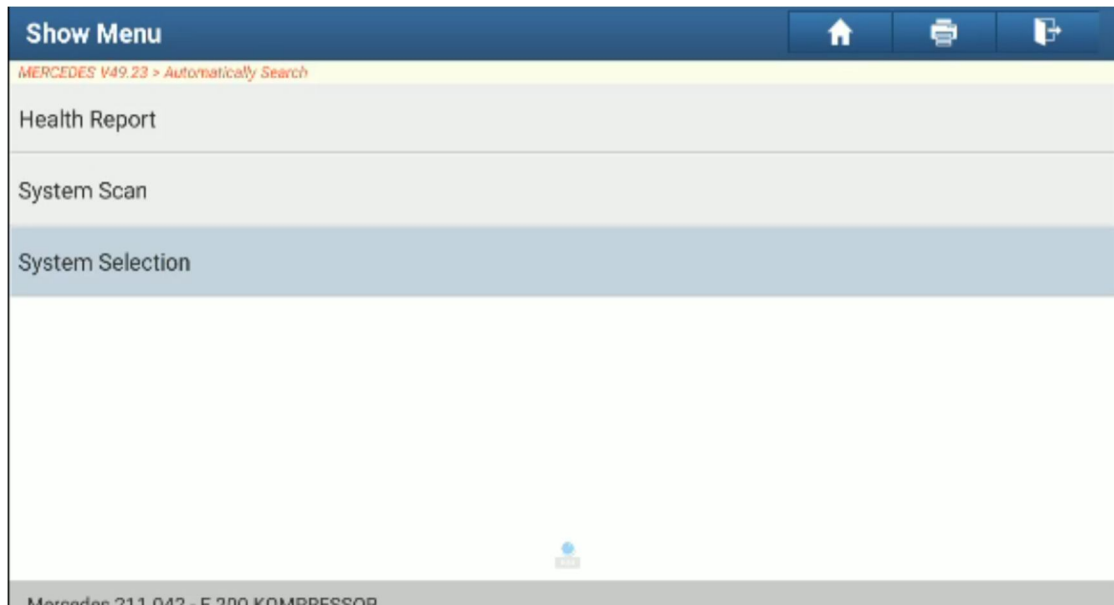


4. Select "Basic Version".



Mercedes E 200 L 2018

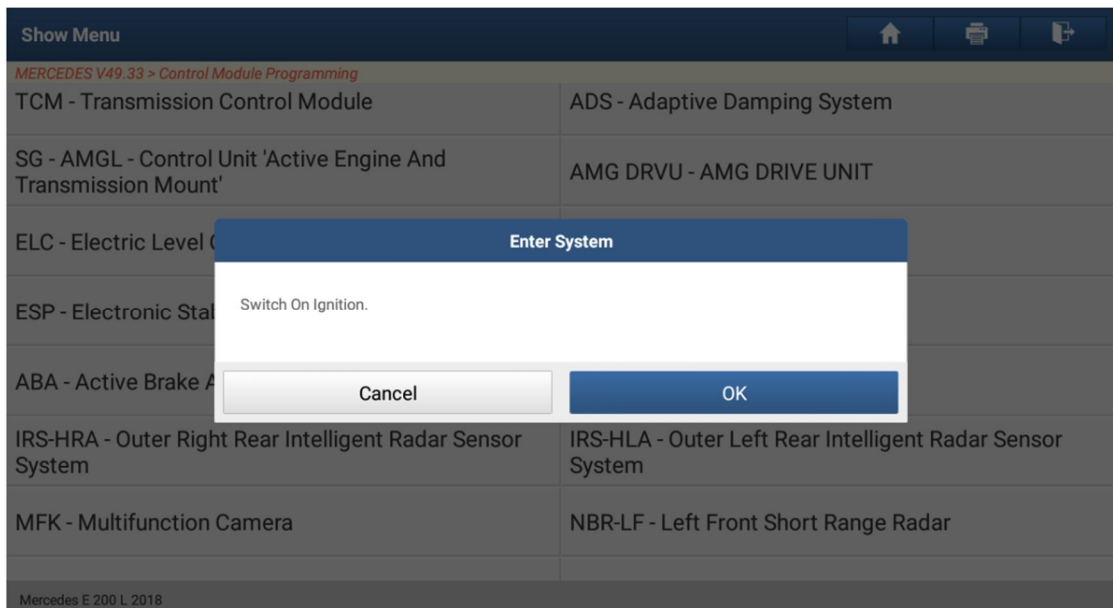
5. Check the information and select "System Selection".



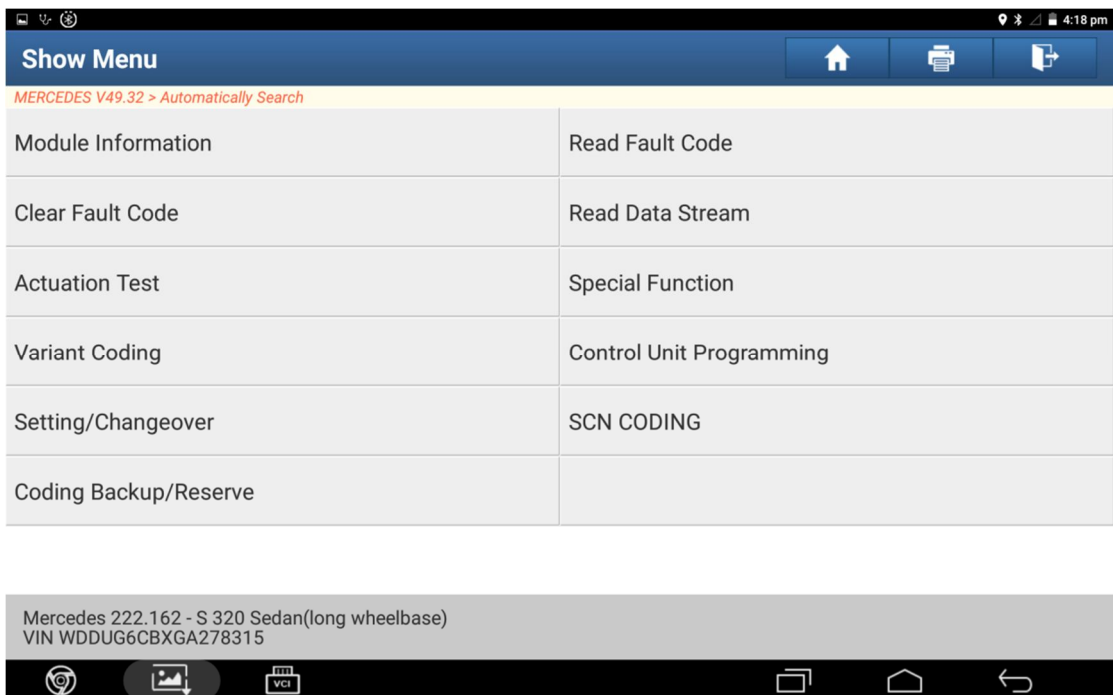
6. Select "ECM-Engine Control Module(ME)".

Show Menu	
MERCEDES V49.33 > Control Module Programming	
VG - All - Wheel Drive	PTCU - Drivetrain
HFBM - Haptic Accelerator Pedal Module	FSCU - Fuel Pump
ECM - Engine Control Module(ME)	SCR - Selective Catalytic Reduction
TCM - Transmission Control Module	ADS - Adaptive Damping System
SG - AMGL - Control Unit 'Active Engine And Transmission Mount'	AMG DRVU - AMG DRIVE UNIT
ELC - Electric Level Control	ES - Electrical Power Steering
ESP - Electronic Stability Program	AIRMATIC PLUS

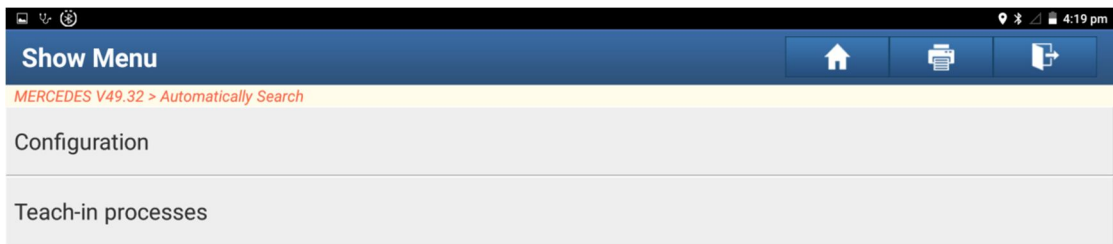
7. Switch on Ignition.



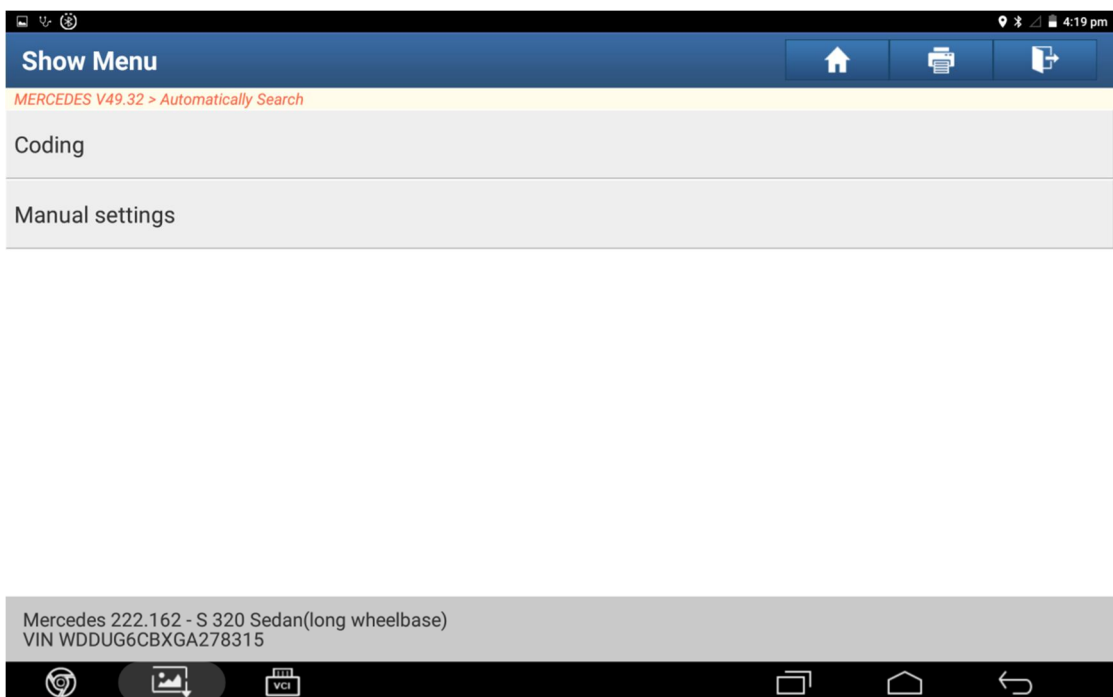
8. Select "Special Function".



9. Select "Configuration".



10. Select "Manual settings".



11. Select Correction programming of fuel quantity.

Show Menu	
MERCEDES V49.32 > Automatically Search	
Correction programming of fuel quantity	Correction Programming Of Specified Idle Speed In Selector Lever Position 'P' Or 'N'
Correction programming of specified idle speed with gear range engaged	Injector injection quantity adjustment OK

Mercedes 222.162 - S 320 Sedan(long wheelbase) VIN WDDUG6CBXGA278315

12. We can set the value here. Click F3 to set basic value, Click F4 to set Minimum value to 93, Click F5 set min value to 91, click F6 set min value to 89. Please click the right button to set the value.

Active Test			
MERCEDES V49.32 > Automatically Search			
Name	Value	Unit	
Status Of Associated Actual Value			
Correction Value Of RON(Research Octane Number)	Basic Value		
F3:Basic value F4:Minimum Value:93 Octane F5:Minimum Value:91 octane F6:Minimum Value:89 octane			
Notes This Correction Is Used To Retard The Ignition Timing. This Prevents Knocking In The Combustion Engine When The Quality Of The Fuel Is Poor.			
F3	F4	F5	F6
Mercedes 222.162 - S 320 Sedan(long wheelbase) VIN WDDUG6CBXGA278315			

13. For exmaple, click F4, we will send the min value as 93.

Active Test			
MERCEDES V49.32 > Automatically Search			
Name	Value	Unit	
Status Of Associated Actual Value			
Correction Value Of RON(Research Octane Number)	Minimum Value: 93 Octane		
F3:Basic value F4:Minimum Value:93 Octane F5:Minimum Value:91 octane F6:Minimum Value:89 octane			
Notes This Correction Is Used To Retard The Ignition Timing. This Prevents Knocking In The Combustion Engine When The			
F3	F4	F5	F6
Mercedes 222.162 - S 320 Sedan(long wheelbase) VIN WDDUG6CBXGA278315			

By delaying the ignition timing. When the fuel quality is poor, this correction function can prevent the internal combustion engine from abnormal vibration.