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			î	ē	₽
Software ID	Version #				
MERCEDES	V49.33				
Mercedes Ben	nz Series V49.33 Full Sys	stem			
This Program Diagnoses Mercedes Electronic Control Sy Seat & Door, A/C, Etc.	stems Coverage From199	97 - 2018,Includin	g: Power, Ch	assis,Boo	dy, Info,
Vehicle Cov Wha	t's new Introduction	Note	Search Blu	e	ок

2. Choose "control module programming".

Show Menu	A 🔿 🕞
MERCEDES V49.23 > Menu	
Automatically Search	Manually Select
Control Module Programming	Replace The Used Airbag ECU
	<u>*</u>

3. Check the VIN right or not.

Show Menu			A	0	₽
MERCEDES V49.33 > Menu Automatically Searc	h	Manually Select			
Control Module Prog					
Control Module Prog		Replace The Used Airbag EC	J		
	Vin Code Read From ECU Is The Vin Code Right ?	•			
	No	Yes			

4. Select "Basic Version".

Show Menu	A	ē	ŀ
MERCEDES V49.33 > Control Module Programming			
Enhanced Version			
Basic Version			

Mercedes E 200 L 2018

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

Show Menu		-	ŀ
MERCEDES V49.23 > Automatically Search			
Health Report			
System Scan			
System Selection			
Mercades 211 042 - E 200 KOMPRESSOR			

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

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Show Menu	A 🖶 🕑
MERCEDES V49.33 > Control Module Programming	
VG - All - Wheel Drive	PTCU - Drivetrain
HFPM - 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.

Show Menu			A		ē		P
MERCEDES V49.33 > Control M TCM - Transmission (ADS - Adaptive Damping Syst	tem				
SG - AMGL - Control U Transmission Mount'	Unit 'Active Engine And	AMG DRVU - AMG DRIVE UN	т				
ELC - Electric Level	Enter	System					
ESP - Electronic Stal	Switch On Ignition.						
ABA - Active Brake A	Cancel	ОК					
IRS-HRA - Outer Right System	t Rear Intelligent Radar Sensor	IRS-HLA - Outer Left Rear Inte System	elligen	it Ra	dar S	enso	or
MFK - Multifunction (Camera	NBR-LF - Left Front Short Rar	nge Ra	dar			
Manual and 5 000 1 0010							

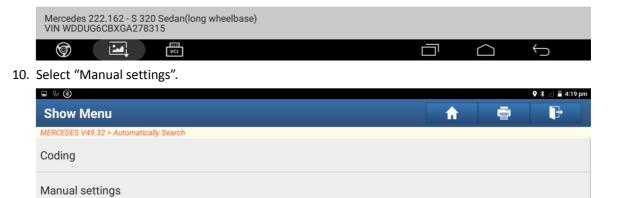
8. Select "Special Function".

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Show Menu	A 🖶 🕞
MERCEDES V49.32 > Automatically Search	
Module Information	Read Fault Code
Clear Fault Code	Read Data Stream
Actuation Test	Special Function
Variant Coding	Control Unit Programming
Setting/Changeover	SCN CODING
Coding Backup/Reserve	



9. Select "Configuration".

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Show Menu	f	ŀ
MERCEDES V49.32 > Automatically Search		
Configuration		
Teach-in processes		





11. Select Correction programming of fuel quantity.

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Show Menu		A		P
MERCEDES V49.32 > Automatically Search				
Correction programming of fuel quantity	Correction Programm Selector Lever Positio			Speed In
Correction programming of specified idle speed with gear range engaged	Injector injection quar	ntity adjust	ment OK	



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.

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

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Active Test		f i i i i i i i i i i i i i i i i i i i	
MERCEDES V49.32 > Automatically Search	ch		
Name		Value	Unit
Status Of Associated Actua	l Value		
Correction Value Of RON(Re	esearch Octane Number)	Minimum Value: Octane	93
F3:Basic value F4:Minimum Value:93 Octa F5:Minimum Value:91 octar F6:Minimum Value:89 octar	ne		
Notes This Correction Is Used To I This Prevents Knocking In T	Retard The Ignition Timing. The Combustion Engine Whe	en The	
F3	F4	F5	F6
Mercedes 222.162 - S 320 Seda VIN WDDUG6CBXGA278315	n(long wheelbase)		
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By delaying the ignition timing. When the fuel quality is poor, this correction function can prevent the internal combustion engine from abnormal vibration.