Benz S600 Component B24/12 (ABC Lateral Acceleration Sensor) Calibration

Function description: The suspension (chassis CAN bus) of Benz S600 has the following DTC: 5264 Initial Startup Procedure Is Not Yet Complete: Perform Initial Startup Operation 'Calibration' (B24/12 (ABC Lateral Acceleration Sensor)). It is necessary to perform the B24/12 (ABC Lateral Acceleration Sensor) calibration function.

Supported products: Launch PRO or PAD series comprehensive diagnostic equipment

Tested model: 2007 Benz S600, VIN: WDDNG76X27A****** (see the

following figure)



Procedure:

 The suspension (chassis CAN bus) has the following DTC: 5264 Initial Startup Procedure Is Not Yet Complete: Perform Initial Startup Operation 'Calibration' (B24/12 (ABC Lateral Acceleration Sensor)). (See the following figure.)

System and Function		f	⊒ ∕	<u> </u>	ŀ		
MERCEDES-BENZ V50.36 > Au	tomatically Search				⊞ 11.98V		
System Topology	Suspension(Chassis CAN Bus)			1个	Enter		
System List	5264 Initial Startup Procedure Is Not Yet Complete: Perform Initial Startup Operation 'Calibration'. (B24/12(ABC Lateral Acceleration Sensor))						
Control module	RevETR_LF - Left Front Reversible Emergency Tensioning Retractor(Chassis CAN Bus)						
programming	5302 Internal Control Unit Reset By Program(Further Test: Press Button F3 Or F7.)						
Special Function	RevETR_RF - Right Front Reversible Emergency Tensioning Retractor(Chassis CAN Bus)						
Replace The Used Airbag ECU	5302 Internal Control Unit Reset By Program	n(Further Test:	Press Button F3 Or F	7.)	Stored Q		
Full vehicle code backup/restoration	XALWA_L - Xenon Headlamp, Left(Front End CAN Bus)						
	5019 CAN Signal 'Vehicle Level' From Contr	ol Unit AlRmati	c Or ABC Is Implausib	le.	Stored 📿		
221.176 - S 600 Guard L,S 60 VIN WDDNG76X21	10 L	Report	Compare Results	Diagnostic Plan	Clear DTCs		
	< •		R				

Figure 1

2. Choose [Initial Startup]. (See the following figure.)

Show Menu	♠ 🗹 오 🖷 🖟
MERCEDES-BENZ V50.36 > Automatically Search >Suspension(Chassis CAN Bus	i)(ABC221)
	Q Please enter keyword
Module Information	Read Fault Code
Clear Fault Code	Read Data Stream
Actuation Test	Initial Startup
Variant Coding	Control Unit Programming
Coding Backup/Reserve	

221.176 - S 600 Guard L.S 600 L VIN WDDNG76X21			
	<	•	X

Figure 2

3. Choose [Initial startup after repair]. (See the following figure.)

Show Menu	f		Z	<u>Q</u>		₽
MERCEDES-BENZ V50.36 > Automatically Search >Suspension(Chassis CAN Bu	s)(ABC221)					⊞ 12.41V
					QPlease e	enter keyword
Initial startup with automatic takeover of settings of previous of	ontrol unit					
Initial startup with manual settings input for new control unit(F	or example: T	he previ	ous cont	trol unit ca	in no longer b	e read.)
Initial startup after repair						

221.176 - S 600 Guard L,S 600 L VIN WDDNG76X21				
	<	•		R
			_	



4. Choose [Component B24/12 (ABC lateral acceleration sensor) was exchanged]. (See the following figure.)

Show Menu	f	Z	<u> </u>		₽
MERCEDES-BENZ V50.36 > Automatically Search >Suspension(Chassis CAN Bus	:)(ABC221)				🖽12.41V
				QPlease e	enter keyword
Component Y36/1 (ABC front axle valve unit) was exchanged.Component Y36/2 (ABC rear axle valve unit) was exchanged.	A suspensio	n strut was r	emoved or r	eplaced.	
A spring control arm was removed or replaced.	The level ser bracket was			age or the le	vel sensor
Component B24/12 (ABC lateral acceleration sensor) was exchanged.					

221.176 - S 600 Guard L,S 600 L VIN WDDNG76X21				
	<	•	•	2



5. Choose [Calibration of component B24/12 (ABC lateral acceleration sensor)]. (See the following figure.)

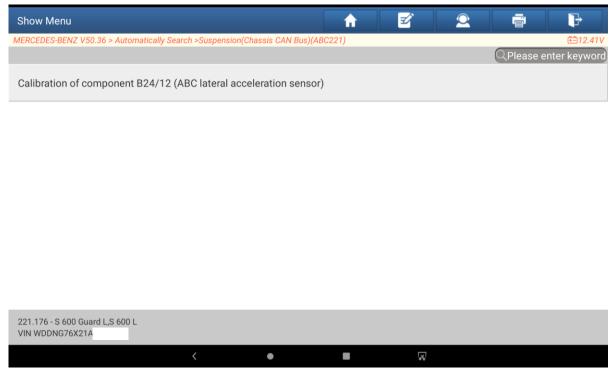


Figure 5

6. Confirm that the conditions are met. Click OK. (See the following figure.)

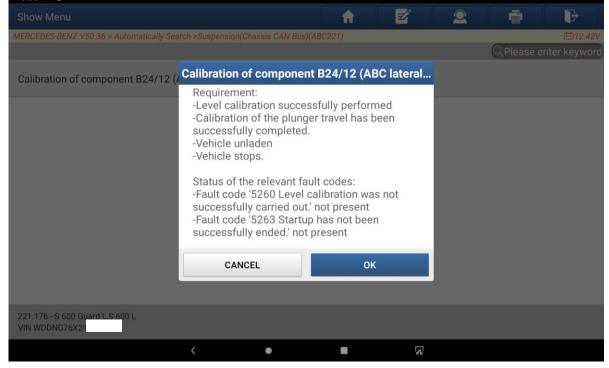


Figure 6

7. Status: not started. Click OK. (See the following figure.)

Show Menu		A	E	2		ŀ
MERCEDES-BENZ V50.36 > Automatically Searc	h >Suspension(Chassis CAN Bus)	(ABC221)				⊞ 11.98V
					Q Please e	nter keyword
Calibration of component B24/12 (AB	3C lateral acceleration sens	sor)				
c	Calibration of componer	nt B24/12 (A	BC lateral			
	Status:NOT STARTED					
	Status.NOT STARTED					
	CANCEL	01	K			
221.176 - S 600 Guard L,S 600 L						
VIN WDDNG76X21						
	< •	-	R			

Figure 7

8. Status: successfully completed. Click OK. (See the following figure.)

Show Menu			♠	Ľ	2	Ē	F
MERCEDES-BENZ V50.36 > Automatically Sea	rch >Suspension(Chassis C،	AN Bus)(ABC221))				⊞12.40V
Calibration of component B24/12 (/	ABC lateral acceleration	n sensor)					
	Calibration of com	ponent B24/	'12 (AB	C lateral			
	Status:SUCCESSF	ULLY COMPL	ETED				
		ОК					
221.176 - S 600 Guard L,S 600 L VIN WDDNG76X214							
	< •	I		R			

Figure 8

9. The suspension (chassis CAN bus) has no DTC. (See the following figure.)

System and Function		f	Ĩ Z		ŀ	
MERCEDES-BENZ V50.36 > Au	tomatically Search >KG - Keyless GO(Interior CAN	Bus)			⊞ 12.09V	
System Topology	Suspension(Chassis CAN Bus)	Normal	Enter			
System List	CGW - Central Gateway(Central CAN	Normal	Enter			
Control module programming	EIS - Electronic Ignition Switch(Interi	Normal	Enter			
Special Function	KG - Keyless GO(Interior CAN Bus)	Normal	Enter			
Replace The Used Airbag ECU	XALWA_R - Xenon Headlamp, Right(I	Front End CAN	Bus)	Normal	Enter	
Full vehicle code backup/restoration	OCP - Overhead Control Panel(Interio	or CAN Bus)		Normal	Enter	
	к CM - Transmission Control Module(Drive Train CAN Bus)					
221.176 - S 600 Guard L.S 60 VIN WDDNG76X21	00 L	Report	Compare Results	Diagnostic Plan	Clear DTCs	
	< •	-	R			

Figure 9

Statement:

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