

Vehicle analysis log

Vehicle data

Creation date:	18.06.2018 09:32:53
Vehicle identification number:	WP0CB2A87BS745651
Model line:	Boxster (987) / Cayman
Order type:	987720
Mileage:	10133 km
Operating hours counter:	161.99 h
Transmission:	G8740
Engine type:	A121
Country:	C02
Log type:	Pre-VAL
Vehicle electrical system voltage:	13.2 V

Tester

Dealer number:	4501823
Tester ID:	6DTCA63994
Tester version:	18.0.1
PT3G version:	37.400.020
Model lines:	6.0
PDX:	
VCI:	Actia
PDU API version:	n.a.
Operating system:	Windows 8.1
JAVA:	1.8.0_131
User mode:	V

Overview table

Control unit	Part number	Serial number	DSN	Software	Hardware	Fault codes
DME (DFD) 987S 3.4 L USA	99761860705	030102790296	F102	WS1F80C834SUM06	H04	P0564, P0421, P0431
PSM	98761810912	44 10 39 E0 C9	04	B0 70		C140
PAS	99761817216	00 00 02 21 AA	01	00 49		52 8053, 8005
POSIF	99761821708	00 00 30 47	01	6905	C4 00	C152
AWS	99761823305	10 01 30 53 30	01	7		612
Air conditioning	99765320104	00 00 01 51 19	03	51 72		01 13
Instrument cluster	98764198113	33	306	2078		328
GATEWAY	99761010704	21 0A 14 80 2F	02	00 36		12

0	Device number	---
WP0CB2A87BS745651	Chassis number	99761860705
030102790296	Serial number	H04
98761864131	SW part number	0x00 00 00 01
Dealer number	0x00 00 00 01	23
Date of manufacture: Day	10	10
Date of manufacture: Month	10	10
Date of manufacture: Year	10	24187800
Chassis number (B)	WP0CB2A87BS745651	F102
Production number	24187800	Diagnostic software No.

Control unit, coding

Fault	P0564 Cruise control operating lever(Signal implausible)	0564
	Fault	1
	Hinweis_Prio	Active
	Fault status	Signal implausible
	DTC Status Byte: Fault symptom	Carried out
	DTC Status Byte: Diagnosis during this trip	present
	DTC Status Byte: Fault status	Off
	DTC Status Byte: Check Engine lamp	0x08
	Environmental conditions, first occurrence	201
	Environment data: ext. fault memory - Internal fault number	16
	Environment data: ext. fault memory - Fault class	1
	Environment data: ext. fault memory - Check Engine lamp counter on	1
	Environment data: ext. fault memory - Value at which the Check Engine light comes on	1
	Environment data: ext. fault memory - Increment for Check Engine Lamp	1
	Environment data: ext. fault memory - Decrement for Check Engine light off	1
	Environment data: ext. fault memory - Fault deletion counter	40
	Environment data: ext. fault memory - Trips with fault detection	36
	Environment data: ext. fault memory - Trips since fault detection	34
	Environment data: ext. fault memory - Trips with diagnosis since fault detection	34
	Environment data: ext. fault memory - Failure Status Flags	0x5C
	Status Flags	0x04

Environment data: ext. fault memory - Fuel	System Status Bank 1
Environment data: ext. fault memory - Fuel	System Status Bank 2
Environment data: ext. fault memory -	A190_Engine load (SAEJ1979)
Environment data: ext. fault memory -	33 °C
Environment data: ext. fault memory - Oxygen	sensing, bank 1
Environment data: ext. fault memory - Mixture	adaptation (load-dependent), bank 1
Environment data: ext. fault memory - Oxygen	sensing, bank 2
Environment data: ext. fault memory - Mixture	adaptation (load-dependent), bank 2
Environment data: ext. fault memory -	A020_Engine speed
Environment data: ext. fault memory -	0 km/h
Environment data: ext. fault memory -	A100_Vehicle speed from PSM
Environment data: ext. fault memory -	Z020_Timing angle
Environment data: ext. fault memory -	35 °C
Environment data: ext. fault memory -	T040_Intake air temperature
Environment data: ext. fault memory -	H010_Mass air flow (MAF)
Environment data: ext. fault memory - Act.	throttle-valve angle (potentiometer 1)
Environment data: ext. fault memory -	A140_Timer as of end of starting
Environment data: ext. fault memory -	780 kPa
Environment data: ext. fault memory -	B070_Fuel high-pressure actual value
Environment data: ext. fault memory -	L170_Tank vent. valve pulse/duty factor
Environment data: ext. fault memory -	A090_Fuel level
Environment data: ext. fault memory -	99 kPa
Environment data: ext. fault memory -	A060_Ambient pressure from DME
Environment data: ext. fault memory -	A010_DME supply voltage
Environment data: ext. fault memory - Engine	load (absolute)
Environment data: ext. fault memory -	1.0
Environment data: ext. fault memory - Actual	L030_Nominal lambda val.ah.of cal.con.bank1
Environment data: ext. fault memory -	5.1 %
Environment data: ext. fault memory -	21 °C
Environment data: ext. fault memory -	T050_Ambient air temperature (via CAN)

14.5 %	Environment data: ext. fault memory - Act. throttle-valve angle (potentiometer 2)
14.9 %	Environment data: ext. fault memory - D020_Pedal encoder pot.1
7.5 %	Environment data: ext. fault memory - D030_Pedal encoder pot. 2
5.5 %	Environment data: ext. fault memory - D040_Nominal throttle plate angle
0.0 %	Environment data: ext. fault memory - L130_Lambda ctrl.corr.behind cat.conv.bank1
0.0 %	Environment data: ext. fault memory - L140_Lambda ctrl.corr.behind cat.conv.bank2
156.8 h	Environment data: Envir. conditions, first occurrence - Operating hours
9992.0 km	Environment data: Envir. conditions, first occurrence - distance
0 U/min	Environment data: Envir. conditions, first occurrence - A020_Engine speed
12.2 V	Environment data: Envir. conditions, first occurrence - A010_DME supply voltage
0 km/h	Environment data: Envir. conditions, first occurrence - A100_Vehicle speed from PSM
33.75 °C	Environment data: Envir. conditions, first occurrence - T020_Engine temperature (measured)
161.6 h	Environment data: Envir. conditions, last occurrence - Operating hours
10136.0 km	Environment data: Envir. conditions, last occurrence - distance
0 U/min	Environment data: Envir. conditions, last occurrence - A020_Engine speed
12.1 V	Environment data: Envir. conditions, last occurrence - A010_DME supply voltage
0 km/h	Environment data: Envir. conditions, last occurrence - A100_Vehicle speed from PSM
59.25 °C	Environment data: Envir. conditions, last occurrence - T020_Engine temperature (measured)
P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)(exceeds limit value)	Fault
0421	Hinweis_Prio
1	Fault status
Active	DTC Status Byte: Fault symptom
exceeds limit value	DTC Status Byte: Diagnosis during this trip
Not carried out	DTC Status Byte: Fault status
present	DTC Status Byte: Check Engine lamp
Ein	Environmental conditions, first occurrence
0x01	

347	Internal - Environment data: ext. fault memory - Internal	fault number
83	Environment data: ext. fault memory - Fault class	
6	Environment data: ext. fault memory - Check Engine lamp counter on	
6	Environment data: ext. fault memory - Value at which the Check Engine light comes on	
3	Environment data: ext. fault memory - Increment for Check Engine Lamp	
2	Environment data: ext. fault memory - Decrement for Check Engine light off	
40	Environment data: ext. fault memory - Fault deletion counter	
2	Environment data: ext. fault memory - Trips with fault detection	
19	Environment data: ext. fault memory - Trips since fault detection	
2	Environment data: ext. fault memory - Trips with diagnosis since fault detection	
0x0D	Environment data: ext. fault memory - Failure Status Flags	
0x02	Environment data: ext. fault memory - Fuel System Status Bank 1	
0x02	Environment data: ext. fault memory - Fuel System Status Bank 2	
22.0 %	Environment data: ext. fault memory - A190_Engine load (SAEJ1979)	
85 °C	Environment data: ext. fault memory - T010_Engine temperature	
-2.3 %	Environment data: ext. fault memory - Oxygen sensing, bank 1	
1.563 %	Environment data: ext. fault memory - Mixture adaptation (load-dependent), bank 1	
-1.6 %	Environment data: ext. fault memory - Oxygen sensing, bank 2	
1.563 %	Environment data: ext. fault memory - Mixture adaptation (load-dependent), bank 2	
2404.00 l/min	Environment data: ext. fault memory - A020_Engine speed	
55 km/h	Environment data: ext. fault memory - A100_Vehicle speed from PSM	
48.5 °	Environment data: ext. fault memory - Z020_Timing angle	
12 °C	Environment data: ext. fault memory - T040_Intake air temperature	
22.13 g/s	Environment data: ext. fault memory - H010_Mass air flow (MAF)	

16.1 %	Environment data: ext. fault memory - Act. throttle-valve angle (potentiometer 1)
870 s	Environment data: ext. fault memory - A140_Timer as of end of starting
5190 kPa	Environment data: ext. fault memory - B070_Fuel high-pressure actual value
98.8 %	Environment data: ext. fault memory - L170_Tank vent. valve pulse/duty factor
93.7 %	Environment data: ext. fault memory - A090_Fuel level
101 kPa	Environment data: ext. fault memory - A060_Ambient pressure from DME
14.6 V	Environment data: ext. fault memory - A010_DME supply voltage
25.1 %	Environment data: ext. fault memory - Engine load (absolute)
1.0	Environment data: ext. fault memory - L030_Nominal lambda val.ah.of cal.con.bank1
7.1 %	Environment data: ext. fault memory - Actual throttle valve angle (relative)
8 °C	Environment data: ext. fault memory - T050_Ambient air temperature (via CAN)
16.1 %	Environment data: ext. fault memory - Act. throttle-valve angle (potentiometer 2)
29.0 %	Environment data: ext. fault memory - D020_Pedal encoder pot.1
14.5 %	Environment data: ext. fault memory - D030_Pedal encoder pot. 2
7.1 %	Environment data: ext. fault memory - D040_Nominal throttle plate angle
0.0 %	Environment data: ext. fault memory - L130_Lambda ctrl.corr.behind cal.con.bank1
0.0 %	Environment data: ext. fault memory - L140_Lambda ctrl.corr.behind cal.con.bank2
157.8 h	Environment data: Envir. conditions, first occurrence - Operating hours
10024.0 km	Environment data: Envir. conditions, first occurrence - distance
2400 U/min	Environment data: Envir. conditions, first occurrence - A020_Engine speed
190.64738 mg/Hub	Environment data: Envir. conditions, first occurrence - Engine load share)bank1
1.992188	Environment data: Envir. conditions, first occurrence - K020_Status of cal. con. bank 1
159.6 h	

Environment data: Envir. conditions, last occurrence - Operating hours	10064.0 km
Environment data: Envir. conditions, last occurrence - distance	2752 U/min
Environment data: Envir. conditions, last occurrence - A020 Engine speed	250.56513 mg/Hub
Environment data: Envir. conditions, last occurrence - Engine load	
Environment data: Envir. conditions, last occurrence - L110_Lambda contr.beh.cat.con.(1/0.001 share)/bank 1	
Environment data: Envir. conditions, last occurrence - K020_Status of cat. con. bank 1	1.992188
0431 Fault	
Hinweis_Prio	1
Fault status	Active
DTC Status Byte: Fault symptom	exceeds limit value
DTC Status Byte: Diagnosis during this trip	Not carried out
DTC Status Byte: Check Engine lamp	present
Environmental conditions, first occurrence	0x01
Environment data: ext. fault memory - Internal fault number	348
Environment data: ext. fault memory - Fault class	83
Environment data: ext. fault memory - Check Engine lamp counter on	6
Environment data: ext. fault memory - Value at which the Check Engine light comes on	6
Environment data: ext. fault memory - Increment for Check Engine Lamp	3
Environment data: ext. fault memory - Decrement for Check Engine light off	2
Environment data: ext. fault memory - Fault deletion counter	40
Environment data: ext. fault memory - Trips with fault detection	2
Environment data: ext. fault memory - Trips since fault detection	19
Environment data: ext. fault memory - Trips with diagnosis since fault detection	2
Environment data: ext. fault memory - Failure Status Flags	0x0D
Environment data: ext. fault memory - Fuel System Status Bank 1	0x02
Environment data: ext. fault memory - Fuel System Status Bank 2	0x02

15.7 %	Environment data: ext. fault memory - A190_Engine load (SAEJ1979)
84 °C	Environment data: ext. fault memory - T010_Engine temperature
0.0 %	Environment data: ext. fault memory - Oxygen sensing, bank 1
1.563 %	Environment data: ext. fault memory - Mixture adaptation (load-dependent), bank 1
0.8 %	Environment data: ext. fault memory - Oxygen sensing, bank 2
1.563 %	Environment data: ext. fault memory - Mixture adaptation (load-dependent), bank 2
2745.00 1/min	Environment data: ext. fault memory - A020_Engine speed
63 km/h	Environment data: ext. fault memory - A100_Vehicle speed from PSM
54.5 °	Environment data: ext. fault memory - Z020_Timing angle
11 °C	Environment data: ext. fault memory - T040_Intake air temperature
19.07 g/s	Environment data: ext. fault memory - H010_Mass air flow (MAF)
15.3 %	Environment data: ext. fault memory - Act. throttle-valve angle (potentiometer 1)
751 s	Environment data: ext. fault memory - A140_Timer as of end of starting
4190 kPa	Environment data: ext. fault memory - B070_Fuel high-pressure actual value
92.9 %	Environment data: ext. fault memory - L170_Tank vent. valve pulse/duty factor
93.7 %	Environment data: ext. fault memory - A090_Fuel level
101 kPa	Environment data: ext. fault memory - A060_Ambient pressure from DME
14.7 V	Environment data: ext. fault memory - A010_DME supply voltage
18.8 %	Environment data: ext. fault memory - Engine load (absolute)
1.0	Environment data: ext. fault memory - L030_Nominal lambda val.ah.of cat.con.bank1
6.3 %	Environment data: ext. fault memory - Actual throttle valve angle (relative)
8 °C	Environment data: ext. fault memory - T050_Ambient air temperature (via CAN)
15.3 %	Environment data: ext. fault memory - Act. throttle-valve angle (potentiometer 2)
26.7 %	Environment data: ext. fault memory - D020_Pedal encoder pot.1

Meas.vals	
SM_CR111	00 00
SM_CR112	00 00
SM_CR113	00 00
SM_CR114	00 00
SM_CR115	00 01
SM_CR116	00 35
SM_CR117	00 91
SM_CR118	00 0E
SM_CR119	00 00
SM_CR110	00 00
SM_CR111	00 00
SM_CR112	00 00
SM_CR113	00 00
SM_CR114	00 00
SM_CR115	00 01
SM_CR116	00 35
SM_CR117	00 91
SM_CR118	00 0E
SM_CR119	00 00
SM_CR110	00 00
SM_CR111	00 00
SM_CR112	00 00
SM_CR113	00 00
SM_CR114	00 00
SM_CR115	00 01
SM_CR116	00 35
SM_CR117	00 91
SM_CR118	00 0E
SM_CR119	00 00
SM_CR110	00 00
SM_CR111	00 00
Environment data: ext. fault memory - D030_Pedal encoder pot. 2	13.3 %
Environment data: ext. fault memory - D040_Nominal throttle plate angle	6.3 %
Environment data: ext. fault memory - L130_Lambda ctrl.corr.behind cat.conv.bank1	0.0 %
Environment data: ext. fault memory - L140_Lambda ctrl.corr.behind cat.conv.bank2	0.0 %
Environment data: Envir. conditions, first occurrence - Operating hours	157.8 h
Environment data: Envir. conditions, first occurrence - distance	10024.0 km
Environment data: Envir. conditions, first occurrence - A020_Engine speed	2720 U/min
Environment data: Envir. conditions, first occurrence - Engine load	147.07084 mg/Hub
Environment data: Envir. conditions, first occurrence - L120_Lambda contr.beh.cat.con.(1.0.001 share)bank2	1.992188
Environment data: Envir. conditions, first occurrence - K030_Status of cat. con. bank 2	159.6 h
Environment data: Envir. conditions, last occurrence - Operating hours	10064.0 km
Environment data: Envir. conditions, last occurrence - distance	2752 U/min
Environment data: Envir. conditions, last occurrence - A020_Engine speed	228.77686 mg/Hub
Environment data: Envir. conditions, last occurrence - Engine load	1.992188
Environment data: Envir. conditions, last occurrence - L120_Lambda contr.beh.cat.con.(1.0.001 share)bank2	1.992188
Environment data: Envir. conditions, last occurrence - K030_Status of cat. con. bank 2	