To Begin Coding Session:

Select Intelligent Diagnose



Then select Diagnostic

1:48 🛞 🖬	* 💎 🗎 98	8%
AutoDetect Result		
Vehicle Information Year:2018 Make:PORSCHE	Diagnostic Scan History	
Model:718 Cayman Cayman S	Software	
Engine Model:	Porsche Diagnose System V24.23 The software can diagnose partial systems of Porsche	
Engine Size:2.5L 4 VIN:	coverage from 1996 - 2019: 911, GT2(996), GT3(996), Boxster, Cayenne, Cayman, Carrera GT, Panamera, Macan, 918S, Cayman GT4 Clubsport.	
•		

Then select System Selection



Then select the appropriate System you want to adjust

1:48 🛞 🖪 V/	* マ 🛚 98%
Show Menu	
PORSCHE V24.23 > Boxster (982) > System Selection	Ē=12.57V
	Q Please enter keyword
Airbag	GATEWAY
DME (Digital Engine Electronics)	Tiptronic Transmission Control
Selector Lever	Instrument Cluster
PORSCHE 718 Cayman Cayman S 2018 VIN WP0AB2A83JK279688	
< ●	■

Then select Code/brush Hiding

2:02 👖 🟎 ৬ ⑧	* 💎 🖡
Show Menu	
PORSCHE V23.99 > Boxster(982) > System Selection	> Instrument Cluster 🗄 12.54V
	Q Please enter keyword
	noud Data otroum
Actuation Test	Special Function
Actuation rest	opecial function
Code/brush Hiding	Online Coding
Code/blush Hidilig	Online Couling
Control Unit Donlocomont	
Control Onit Replacement	
PORSCHE 718 2018	
VIN WP0AA2A88JK262212	
< ●	₩

Then select Brush Hidden/Modified



Then find the code you want to adjust

 Window open/close with key (comfort function) (DONE and works) Front End Electronics: Coding: Coding_0: Coding-Comfort functions-Window Comfort Opening = YES

Front End Electronics: Coding_0: Coding_Comfort functions-Window Comfort Closing = YES

- 2. Change turn signal "One-Touch flashing Cycle" from 3 to 5 (DONE and works) Front End Electronics: Coding: Coding_0: Exterior Lights Parameters-One touch flashing cycles = whatever number of flashing cycles you prefer
- 3. Activate Teardrop function for wipers (DONE need to validate) This function activates an additional pass of the wiper a few seconds after washer is activated and normal wiper mode is finished. Front End Electronics> WWS Coding: WWS Coding-Teardrop function active = YES
- 4. Unlock Frunk/Rear Hatch without unlocking doors (DONE and works) Front end electronics > Coding value--General: Central locking opens with lid/rear lid unlocking = No, Default = Yes

2:48 <u>1</u> 🗷 \forall 🛞 * 🕈 🖿				
Brush	Hidden/Modified		P	
PORSCHE	V23.99 > Boxster(982) > System Selection > Front-end	d Electronics	🗄 12.52V	
Mes- sage	Coded Items	Coding Value	Unit	
Infor- mation	Coding valueGeneralGeneral: Central locking opens with lid/rear lid unlocking	No		
lnit Value	Yes			
Write Code				
PORSCHE 718 2018 VIN WP0AA2A88JK262212				

5. Activate 4-point LEDs with headlights ON (DONE and works) Rear-End Electronics: Exterior Lighting: Exterior Lights, DD as a marker light = YES

Rear End Electronics: Exterior Lights Parameters: Dimming value for DD lights as marker light = 100

6. Emergency Brake Display (EBD) Activation: This code enables emergency brake display, when braking hard (which is a modifiable acceleration parameter), your brake lights will flash to catch attention of drivers behind you... (DONE need to validate) Rear-End Electronics: Coding Value: Exterior Lighting: Exterior Lights, emergency brake display function available = YES

Rear-End Electronics: EBD Parameter: Speed brake light flashing On = 3 {whatever speed you want emergency brake to start activating, default is 70km/h, but I set it up at any speed above 3 km/h... once car reaches 3 km/h, if I brake hard, it will activate}

Rear-End Electronics: EBD Parameter: Deceleration brake light flashing On = 0.45 whatever deceleration value you choose... through experimentation, I found that setting this value to 0.45g is appropriate

Rear-End Electronics: EBD Parameter: Deceleration brake light flashing Off = 0.35 whatever deceleration value you choose... through experimentation, I found that setting this value to 0.35g is appropriate

Rear-End Electronics: EBD Parameter: Brake light flashing run-on time = 1 {this is the amount of flashing time... through experimentation found that 1 second is enough, otherwise you could stop at a light and the lights could still be flashing (while you are stopped)}

7. Changing Sound Symposer (Soundaktor) sound loudness: This will change the loudness (volume) of the soundaktor, which is a device that produce artificial engine sound to "enhance" engine sound in the cabin. (NOT DONE) Sound Symposer: Loudness_actuator_for_structure_borne_sound = 0 {you can set this to any value between 0 to 100%. Original setting is 100%. I set this value to 0%, as the reality is that the engine sounds much better without artificial enhancement

8. Coolant Temperature Characteristic Curve (DONE need to validate)

I have modified the coolant temperature characteristic curve in my Macan a few months back maybe a year ago), and just did it in my Cayman as well. It is interesting how Porsche is modifying the actual values you see, probably to decrease variability in the display and avoid having unnecessary calls from customers that don't know what's going on. But I have to think that for a 718 or 911, having modified display temp values is completely unnecessary. I wasn't surprised to see this in my Macan, fine, I just modified it.

The location for the characteristic curve values is here... Instrument Cluster: Coolant temperature characteristic curve

	X real	Y displayed
1	36	36
2	50.3	56
3	60	68
4	80.3	90
5	110.3	90
6	114.8	105
7	118.5	115
8	125.3	125

You will see all real and displayed values (8 for each).

This table shows the behavior.



If you follow the green line (displayed values in cluster), there is a long period of time where you will see a constant temperature, when in reality the temperature is higher. Then, once out of that range, it will shoot up really quick to catch up with real

temperature value (blue line)... that may not give much response time if your car is overheating. That orange zone is what you would need to pay attention to.

To display actual values in the instrument cluster, copy the respective X value into the Y value. I recommend you write down all values first (so that you can have them as backup), then change all Y values.

I also changed the bargraph range to display the full temperature range starting at 36C... default is 60C.

Instrument cluster: Bargraph settings: Bargraph settings-coolant temperature bargraph start = 36 {default = 60}

 There are 3 choices for HVAC "Memory Concept" - Basis, Driver Memory, and Comfort Memory. Default is Comfort Memory, which makes sense since it is tied to the Comfort seat memory. I tried Driver Memory, and that worked to recall whatever I set before shut down. (DONE and works)

System Selection > Air Conditioning > Memory concept--Package options = Driver Memory or Basis Default = Comfort Memory

12:47 <u>†</u>	- 		* ▼ 🗎	
Brush	Hidden/Modified	† 2 †	ŀ	
PORSCHE	V23.99 > Boxster(982) > System Selection > Air Cond	itioning	🗄 12.69V	
Mes- sage	Coded Items	Coding Value	Unit	
Infor- mation	Memory conceptPackage options	Comfort Memory		
Init Value	Comfort Memory			
Write Code				
PORSCHE 718 2018 VIN WP0AA2A88JK262212				
	< ● ■	R		

12:48 🛓 🗷 상 🛞 🕺 👘 🖡
Show Menu 🔶 🛱 🖡
PORSCHE V23.99 > Boxster(982) > System Selection > Air Conditioning
Q Please enter keyword
Pagia
Dasis
Driver Memory
Driver Memory
Comfort Momony
Comort Memory
PORSCHE 718 2018
VIN WPUAAZA88JKZ0ZZTZ

10. Remember Auto Stop/Start (ASS): (DONE and works)

AIR CONDITIONING> Coding value--Default Driving State Coding Value = Last Mode, Default = Eco ON

AIR CONDITIONING> Coding value--Default Driving State Coding Value Last Mode = Yes, Default = No

Additional potential for Auto Start/Stop (DONE and works)

Gateway > Start/stop function > Start/stop function--Start/stop function (SSF): [Start/stop Not Activated]

PORSCHE V24.20 > Manually Select > Cayman > Cayman (982) > System Selection > <mark>GATEWAY</mark>			
Network power management activation	Messages groups		
WakeUp Guardian	Switch off Buses		
Start/stop function	Recuperation function		
Hybrid function	Generator ratio		
Component protection activation	Sailing function		
CAN terminal 15 usage	Land characteristics		
2. 7 v Oct 12	12:30 PM 100%		
K Show	Menu 🕞		
PORSCHE V24.20 > Manually Select > Cayman > Cayman (982) > System Selection > GATEWAY			



📰 12.7 v	Oct 12 12:29 вм		100%
<	Brush Hidden/Modified		E+
PORSCHE	V24.20 > Manually Select > Cayman > Cayman (982) > S	ystem Selection > GATEWAY	
Messag e	Coded Items	Coding Value	Unit
Informat ion	Start/stop functionStart/stop function (SSF)	Start/Stop Not Activated	
Init Value	Start/Stop Not Activated		
	Write Code		

11. Disable Up Shift Arrow (DONE and works)

Instrument Cluster > Board Computer Display config key 1-BC config byte 4-Eco upshift display = shutdown

AND

Instrument Cluster > Board Computer Display config key 2-BC config byte 4-Eco upshift display = shutdown

AND for Sport Mode

Instrument Cluster > Coding Value > Coding value--Coding byte 0--ECO - upshift display in sport mode: [Shutdown]

Instrument Cluster > Coding Value > Coding value--Coding byte 0--ECO - upshift display in sport plus mode: [Shutdown]

7 12.5 v <	Oct 12 Show	12:34 м Мепи	100%
PORSCHE V24.20 > Manually Se	elect > Cayman > Cayman	(982) > System Selection > <mark>Instrument Cluster</mark>	
VZA configuration		Languages	
Fuel tank sensor - read/wr value	ite tank correction	Speed limiter configuration	
Turbo/vacuum consumpti	on values	Assistance systems configuration	
Production mode		Coding value	
Part number coding conta	iner	Version coding container	
EOL configuration		Network power management activation	1

12.7v	Oct 12	12:33 рм	100%
<	Show	Menu	E+
PORSCHE V24.20 > Manually	Select > Cayman > Cayman	(982) > System Selection > Instrument Cluster	
Coding valueCoding by warning (Gulf States)	te 0Acoustic speed	Coding valueCoding byte 0Tank selec	tion
Coding valueCoding by pressure menu display	te 0TPM nominal	Coding value-Coding byte 0Cruise con	trol fitted
Coding valueCoding by display in sport mode	te 0ECO - upshift	Coding value-Coding byte 0-ECO - upsh display in sport plus mode	lift
Coding valueCoding by switchover	te 0WIV/SIA	Coding value–Coding byte 1–Test additional gorithm for oil level MIN	onal
Coding valueCoding by algorithm for oil level MA	te 1–Test additional AX	Coding valueCoding byte 1Sailing disp	olay
Coding valueCoding by MAP	te 1Sailing display in	Coding valueCoding byte 1Warning ic variant	on
12.7v	Oct 12	12:32 рм	100%
<	Brush Hidden/Modified		E+

12.7v	Oct 12 12:32 PM		100%
<	Brush Hidden/Modified		e
PORSCHE	V24.20 > Manually Select > Cayman > Cayman (982) > S	ystem Selection > Instrum	nent Cluster
Messag e	Coded Items	Coding Value	Unit
Informat ion	Coding valueCoding byte 0ECO - upshift display in sport mode	Shutdown	
Init Value	Shutdown		
Value			
Write Code			

12. Performance Display Activation (NOT DONE)

Instrument Cluster: Board computer display configuration key 1_1: BC Configuration byte 13-Performance Display = Active

Instrument Cluster: Board computer display configuration key 1_1: BC Configuration byte 22-BC Role Performance Display

13. Comfort Exit (seat) (DONE and works)

SYSTEM SELECTION > Driver-side Seat Memory > Comfort Entry/Exit adjustment travel--E/A adjustment travel in seat fore/aft movement = 50 {Default = 26}

1:05 👖 🖦 🕮 🌵 🔸 🗱 🐨 🖿							
Brush Hidden/Modified		† 2 †	ŀ				
PORSCHE V23.99 > Boxster(982) > System Selection > Driver-side Seat Memory							
Mes- sage	Coded Items	Coding Value	Unit				
Infor- mation	Comfort Entry/Exit adjustment travelE/A adjustment travel in seat fore/aft adjustment	50	mm				
Init Value	26						
Write Code							
PORSCHE 718 2018 VIN WP0AA2A88JK262212							

14. Increase Boost Pressure Scale for Tune (DONE and works)

Instrument Cluster > Further Codings > Further Codings - Max Boost Pressure

1:47 🛞 🖬 ৬ 🕺						
Brush Hidden/Modified 🔒 🖻 🚊			P			
PORSCHE V24.23 > Automatically Search > Boxster (982) > System Selection > Instrument Cl 🖽 1						
Mes- sage	Coded Items	Coding Value	Unit			
Infor- mation	Further codings–Max. boost pressure	1.60	Bar			
Init Value	1.10					
Write Code						
PORSCHE 718 Cayman Cayman S 2018 VIN WP0AB2A83JK279688						
		₩.				

15. Increase Boost Pressure Scale for Tune (cont'd) (DONE and works) Instrument Cluster > Further Codings > Further Codings – Further Coding Sport Boost Pressure

12:55 🛞 ৬ 🗱 🔻 🕈 🗣 99%						
Brush	Hidden/Modified	2 🖻	ŀ			
PORSCHE V24.23 > Boxster (982) > System Selection > Instrument Cluster						
Mes- sage	Coded Items	Coding Value	Unit			
Infor- mation	Further codingsSport boost pressure	1.60	Bar			
Init Value	1.10					
Write Code						
PORSCHE 718 Cayman Cayman S 2018 VIN WP0AB2A83JK279688						
	< ● ■	₩ ₩				