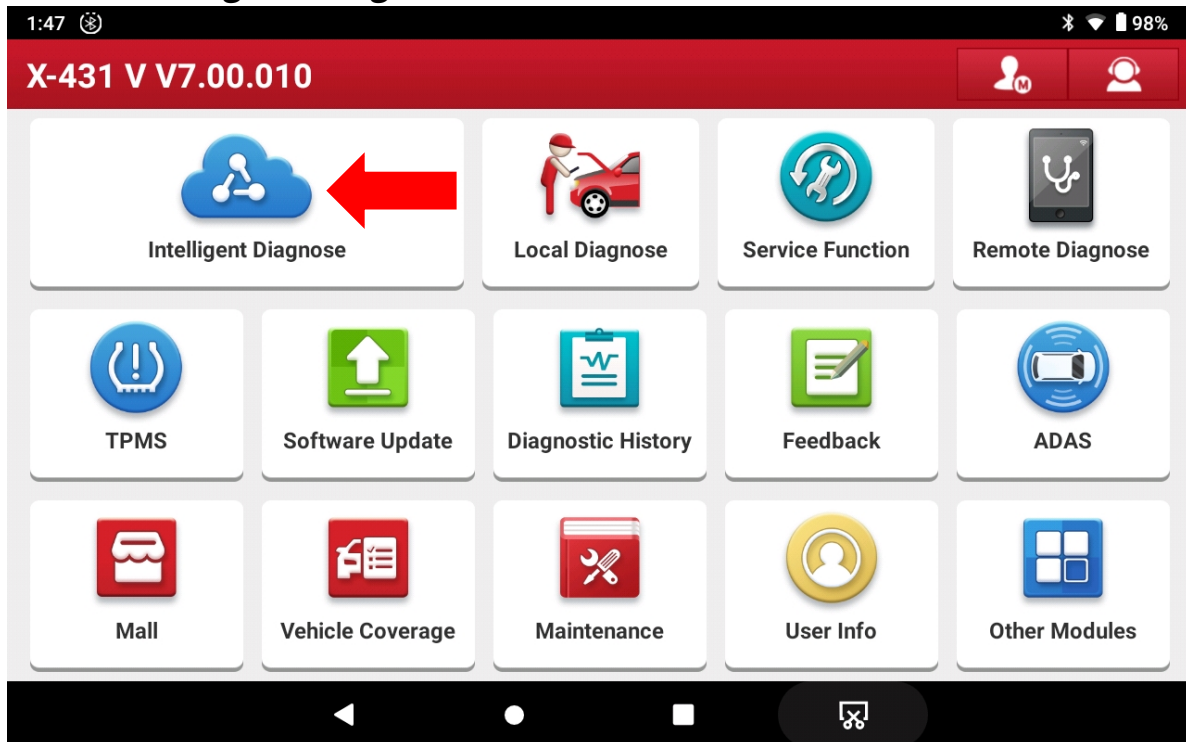
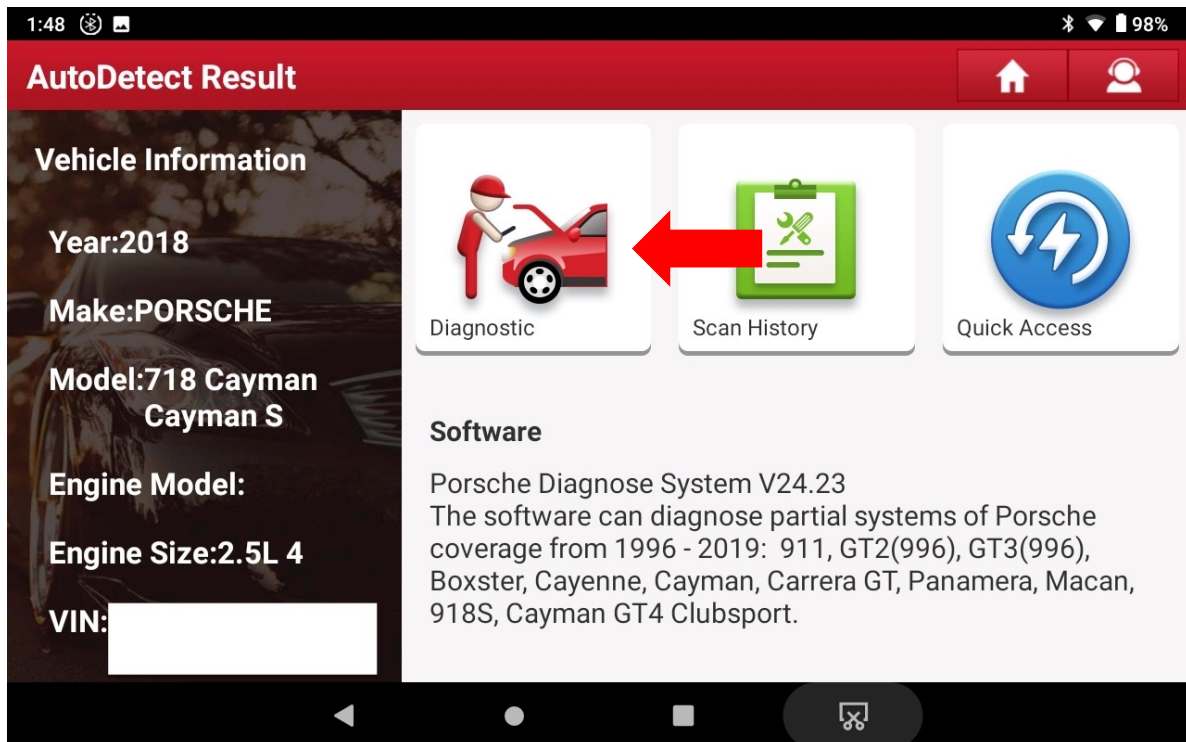


## To Begin Coding Session:

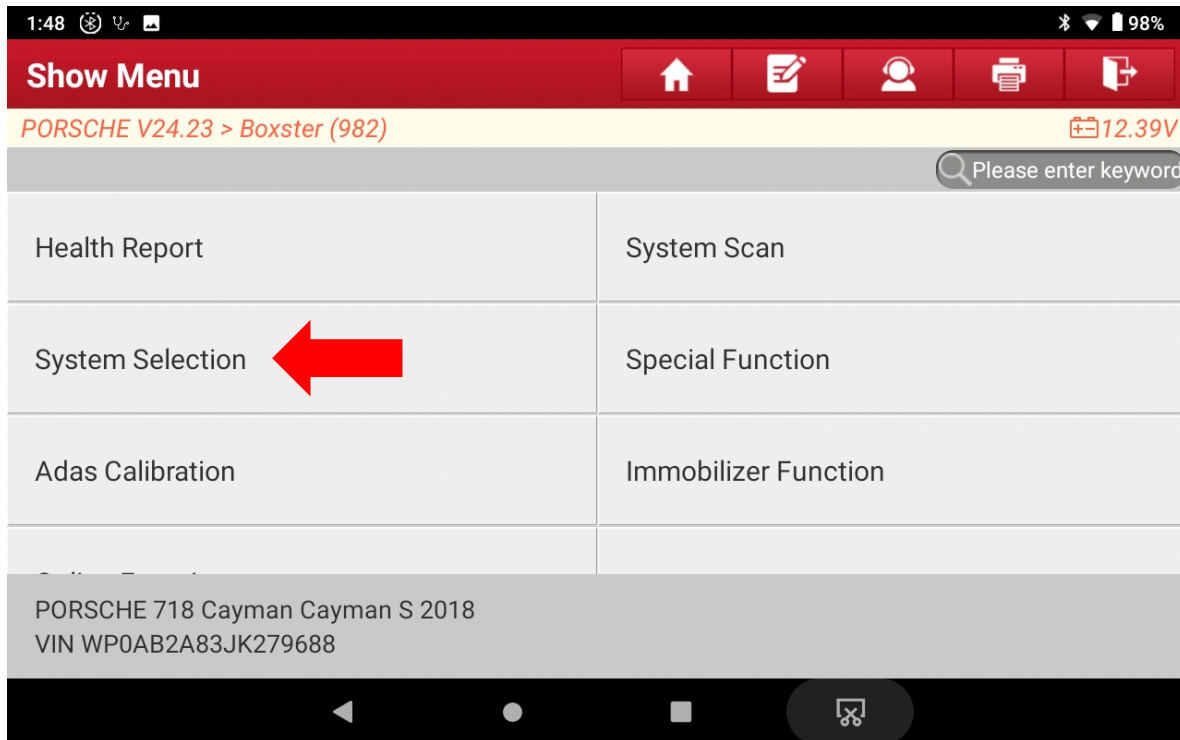
### Select Intelligent Diagnose



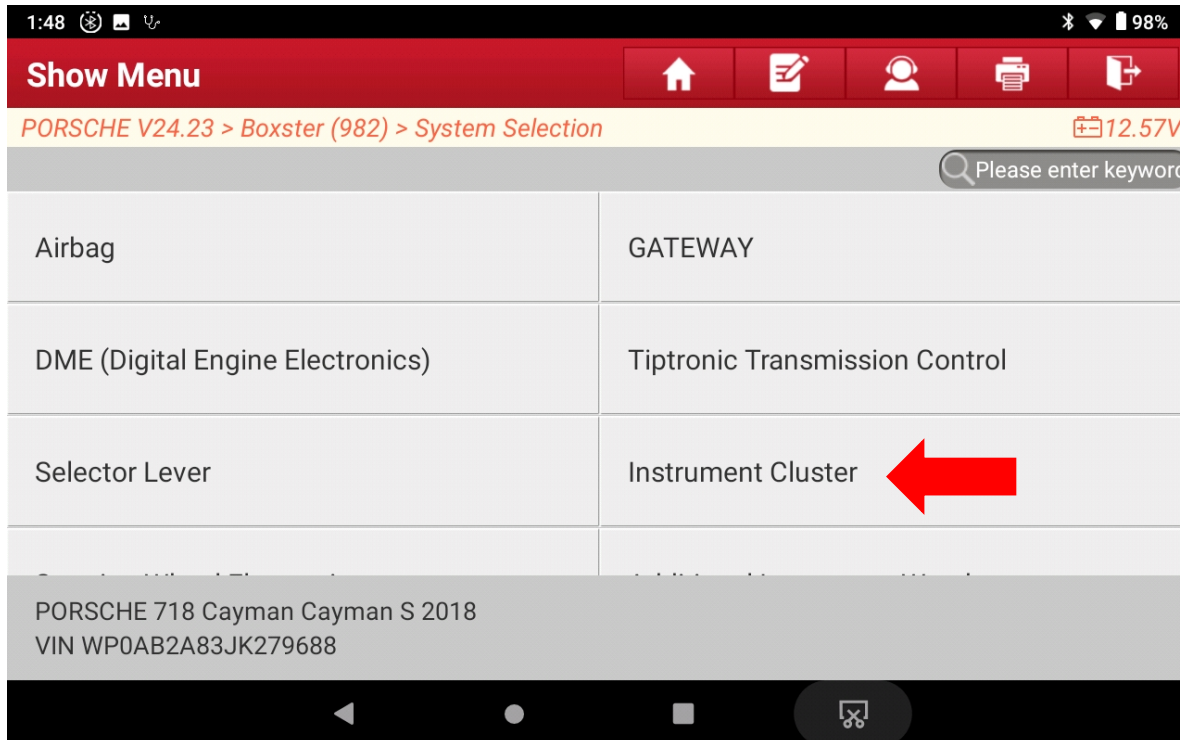
### Then select Diagnostic



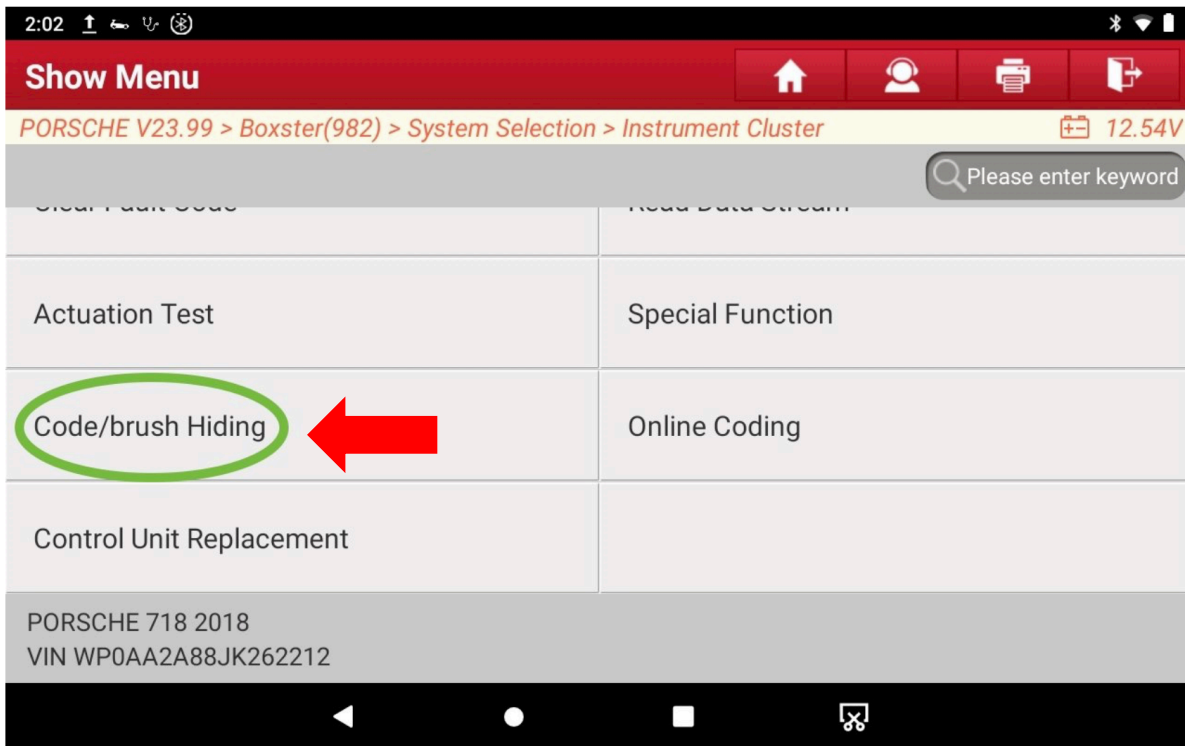
**Then select System Selection**



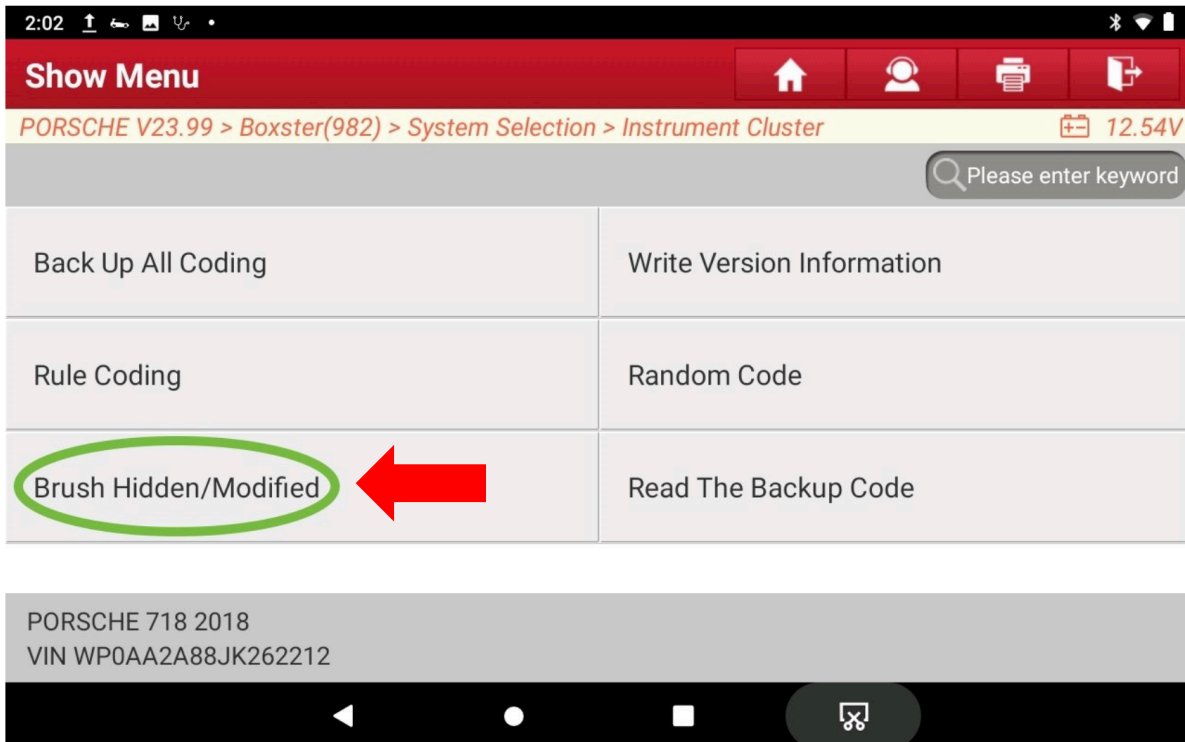
**Then select the appropriate System you want to adjust**



***Then select Code/brush Hiding***

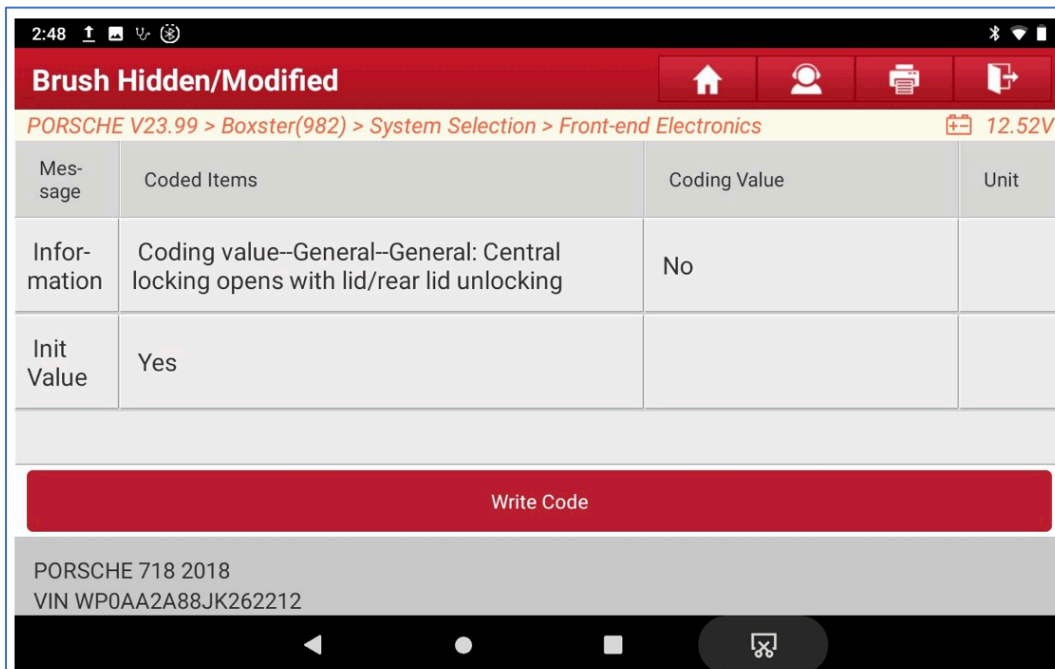


***Then select Brush Hidden/Modified***



***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: Coding\_0: Coding-Comfort functions-Window Comfort Closing = YES
- 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
- 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
- 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



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.

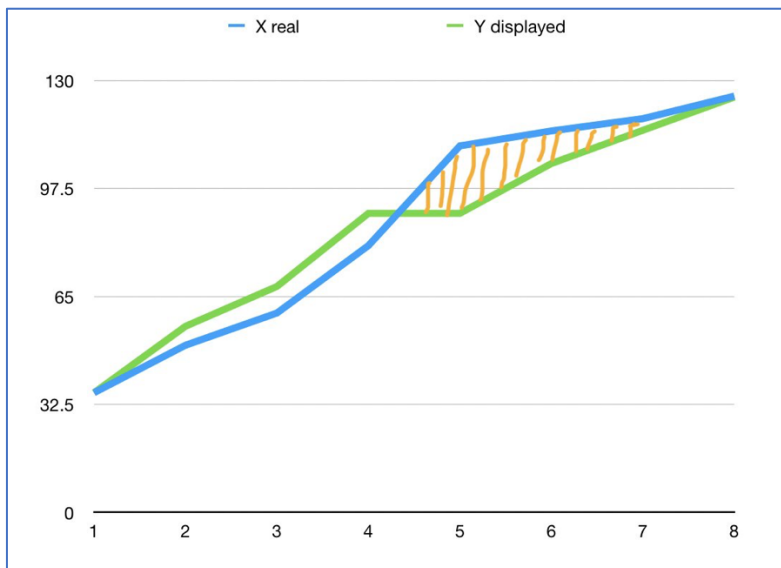
The location for the characteristic curve values is here...

[Instrument Cluster: Coolant temperature characteristic curve](#)

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

|   | 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         |

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}**

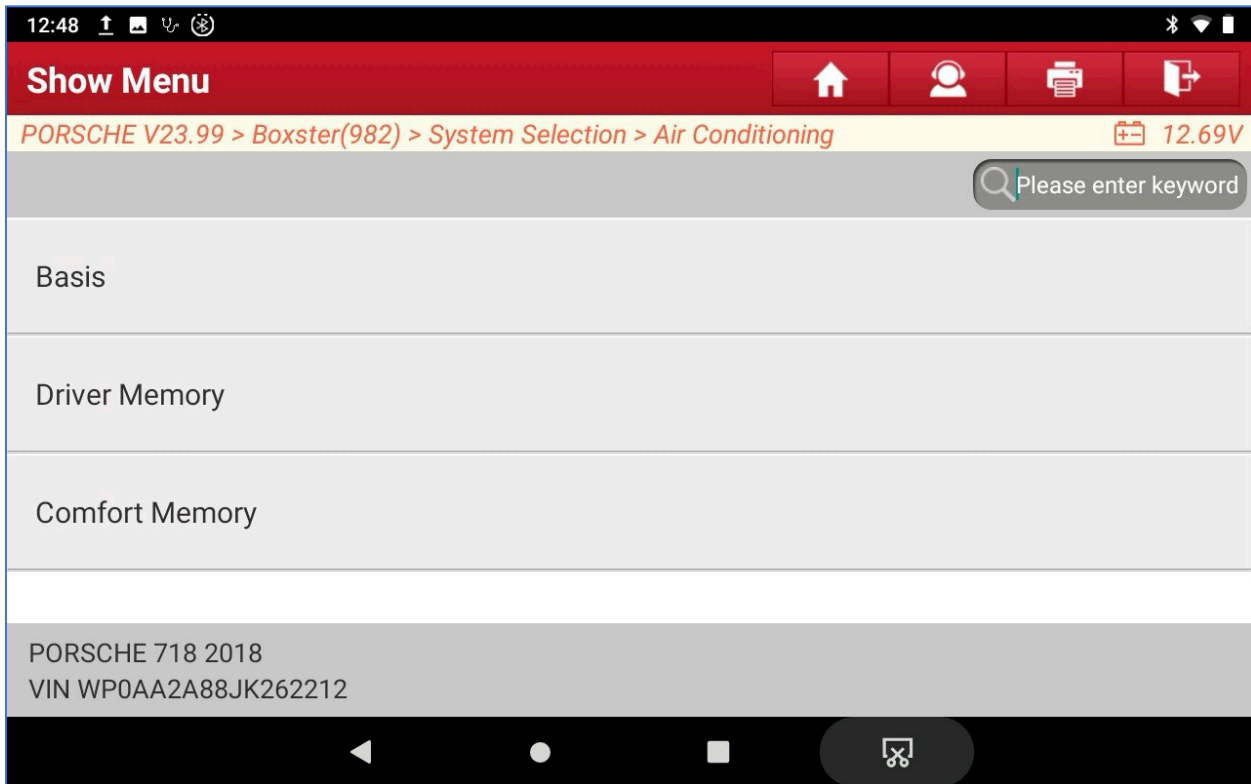
9. There are 3 choices for HVAC "Memory Concept" - Basis, Driver Memory, and Comfort Memory. Default is Comfort Memory, which makes sense since it is tied to the Comfort seat memory. I tried Driver Memory, and that worked to recall whatever I set before shut down. **(DONE and works)**

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

| Message     | Coded Items                     | Coding Value   | Unit |
|-------------|---------------------------------|----------------|------|
| Information | Memory concept--Package options | Comfort Memory |      |
| Init Value  | Comfort Memory                  |                |      |

Write Code

PORSCHE 718 2018  
VIN WP0AA2A88JK262212



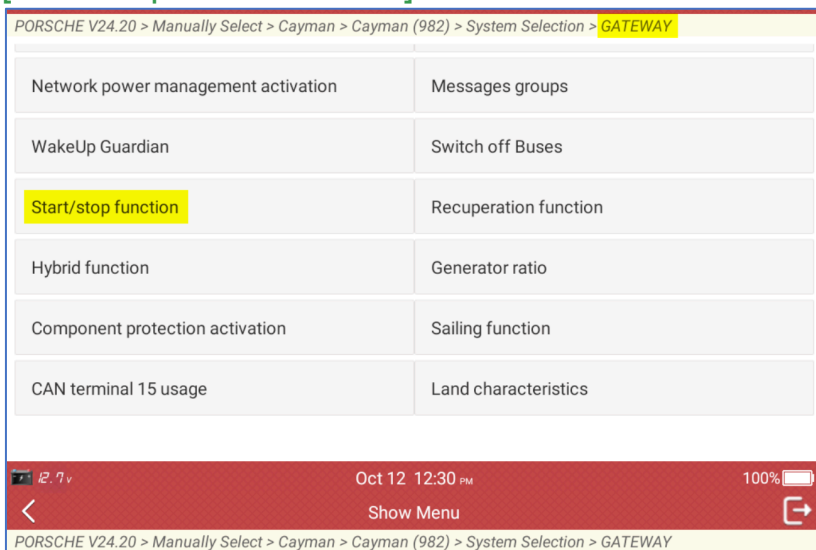
10. Remember Auto Stop/Start (ASS): **(DONE and works)**

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

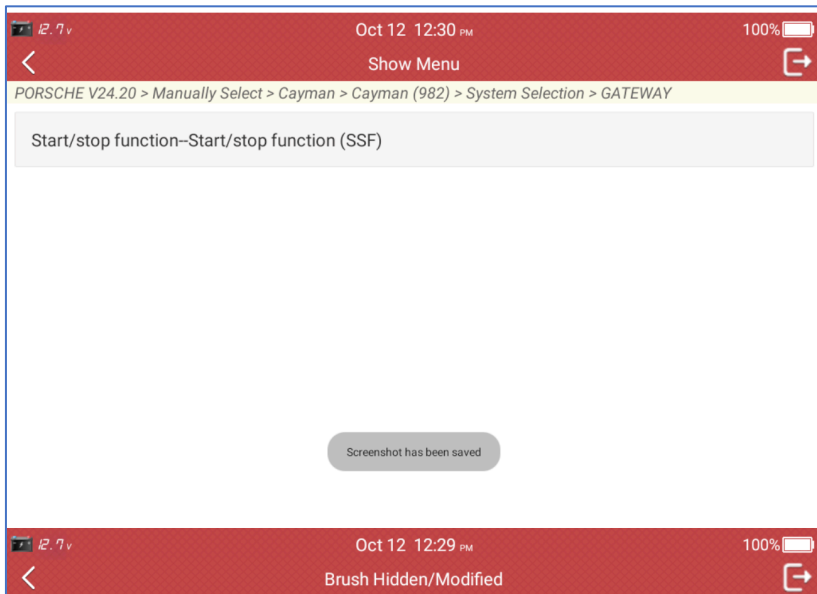
AIR CONDITIONING> Coding value--Default Driving State Coding Value Last Mode = Yes, Default = No

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

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







| Message     | Coded Items                                   | Coding Value             | Unit |
|-------------|---|--------------------------|------|
| Information | Start/stop function-Start/stop function (SSF) | Start/Stop Not Activated |      |
| Init Value  | Start/Stop Not Activated                      |                          |      |

## 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]

12.5 v Oct 12 12:34 PM 100%

Show Menu

PORSCHE V24.20 > Manually Select > Cayman > Cayman (982) > System Selection > Instrument Cluster

|   |                                     |
|---|-------------------------------------|
| VZA configuration                                   | Languages                           |
| Fuel tank sensor - read/write tank correction value | Speed limiter configuration         |
| Turbo/vacuum consumption values                     | Assistance systems configuration    |
| Production mode                                     | Coding value                        |
| Part number coding container                        | Version coding container            |
| EOL configuration                                   | Network power management activation |

12.7 v Oct 12 12:33 PM 100%

Show Menu

PORSCHE V24.20 > Manually Select > Cayman > Cayman (982) > System Selection > Instrument Cluster

|  |  |
|--|--|
| Coding value--Coding byte 0--Acoustic speed warning (Gulf States)        | Coding value--Coding byte 0--Tank selection                              |
| Coding value--Coding byte 0--TPM nominal pressure menu display           | Coding value--Coding byte 0--Cruise control fitted                       |
| Coding value--Coding byte 0--ECO - upshift display in sport mode         | Coding value--Coding byte 0--ECO - upshift display in sport plus mode    |
| Coding value--Coding byte 0--WIV/SIA switchover                          | Coding value--Coding byte 1--Test additional algorithm for oil level MIN |
| Coding value--Coding byte 1--Test additional algorithm for oil level MAX | Coding value--Coding byte 1--Sailing display                             |
| Coding value--Coding byte 1--Sailing display in MAP                      | Coding value--Coding byte 1--Warning icon variant                        |

12.7 v Oct 12 12:32 PM 100%

Brush Hidden/Modified

12.7 v Oct 12 12:32 PM 100%

Brush Hidden/Modified

PORSCHE V24.20 > Manually Select > Cayman > Cayman (982) > System Selection > Instrument Cluster

| Message     | Coded Items  | Coding Value | Unit |
|-------------|--|--------------|------|
| Information | Coding value--Coding byte 0--ECO - upshift display in sport mode | Shutdown     |      |
| Init Value  | Shutdown   |              |      |

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**

PORSCHE V23.99 > Boxster(982) > System Selection > Driver-side Seat Memory 12.65V

| Message     | Coded Items   | Coding Value | Unit |
|-------------|---|--------------|------|
| Information | Comfort Entry/Exit adjustment travel--E/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

| Message     | Coded Items                          | Coding Value | Unit |
|-------------|--------------------------------------|--------------|------|
| Information | 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

| Message     | Coded Items                           | Coding Value | Unit |
|-------------|---------------------------------------|--------------|------|
| Information | Further codings--Sport boost pressure | 1.60         | Bar  |
| Init Value  | 1.10                                  |              |      |

Write Code

PORSCHE 718 Cayman Cayman S 2018  
VIN WP0AB2A83JK279688