



How to: Access the hidden OBC functions

Warning: babybmw.net is not responsible for any damage done whilst accessing this menu.
Be careful - if you are not sure what an option does - do not use it.

1. Hold Trip Reset while inserting the key and turning ignition key to On position (this is the S/R button).
2. OBC should show "Test"
3. Use Trip Reset to select function 19.0 that unlocks all the features
3. Wait for display to show "Off"
4. Depress Trip Reset for 1/4 second and release it
5. With no delay press Trip Reset several times to select one of the following functions.
6. To access the sub-items say for Menu item 7, stop at the item number and click on the S/R button. It will display 7.0 and so forth.
7. To return to the main item i.e 5, 6,7,8 etc. Press and hold in the sub-item menu until the main item number appear. For e.g: if in 7.1 and you want to go back to 7. Press and hold S/R button in 7.1 until 7 appear. From here click on S/R to go to 8. In 8 press and hld until 8.0 appear. Click on S/r button to go to 8.1 and so forth.

I would advise not to go for Item 21, reset OBC setting.

On-Board Computer (OBC) Hidden Codes

nr example description

- | | |
|-----|---|
| 1 | Car Engine and cluster data |
| 1.0 | 46nnn Chassis nr/VIN serial number (last 5 digits) |
| 1.1 | 4nnn K-number |
| 1.2 | 690236 Cluster Part # |
| 1.3 | 045210 Coding (04)/diagnosis (52)/bus index (10) |
| 1.4 | 1200 Week (12)/year of manufacture (2000) |
| 1.5 | 09_160 Hardware (09) and software # (16.0) of cluster |
| 1.6 | Not used |
| 1.7 | 04__44 CAN-version (04) KI-revision index (44) |
| 2 | (test) Cluster System Test - Acticates the gauge drivers, indicators and LEDs to confirm function |
| 3 | SI Data |
| 3.0 | 1098 Used fuel in litres since last SI (Service Inspection) |
| 3.1 | 0231 Periodic inspection days; elapsed days (since last SI) |
| 4 | Momentary Consumption |
| 4.0 | 0145+ Instant fuel consumption - 0145=14.5 liters/100km |
| 4.1 | 0018 Instant fuel consumption - 0018=1.8 l/Hour |
| 5 | Distance Gone Consumption |
| 5.0 | 082 Average mileage; 082=8.2 liters/100km |
| 5.1 | 0536 Calc. km to refuel (momentary distance to go) |
| 6 | Fuel Level sensor inputs in liters |

- 6.0 109330+ Fuel level averaged; Left half sensor input=10.9 liters; Right sensor input=33.0 liters
- 6.1 0439+ Total tank level averaged; vlgs 6.0: $10.9+33.0=43.9$ liters
- 6.2 0442+ Indicated value (44.2) and tank phase
- 7 Temperature and Speed
- 7.0 021+ Coolent/Engine temperature (2.1C)
- 7.1 130 Ambient/Outside temperature - chg met 5 pts. 125/130/135
- 7.2 + Engine speed / Current RPMs 1/min
- 7.3 + Vehicle speed / Current Speed in km/hour
- 8 Input value in HEX form
- 8.0 1d0+ System voltage ADC-Value Hex code
- 8.1 26C33C+ ADC Values HG left/HG right
- 8.2 0000 ADC Value brake degradation sensor (000=o.k.)
- 8.3 18C ADC Value outside temperature
- 9 Battery
- 9.0 140 Battery Voltage - 140 = UB 14.0v
- 9.1 242013+ ?
- 9.2 074_78+ ?
- 9.3 0011+ ?
- 10 Not used
- 11 Not used
- 12 Not used
- 13 GonG Gong Test
- 14 Not used
- 15 Status cluster I/O-ports (bit codes)
0=low; 1=high
1st-belt contact, seat belt fastened=0; 2) ignition lock contact, key inserted=0; 3) door contact, door open=0; 4) clock button pressed=0; 5) SI reset=0, for reset=0; 6) EGS transmission failure=0
Status Digital Outputs (bits) 0=inactive, 1=active
1) Gong output; 2) Brake warning lamp; 3) Low fuel warning lamp; 4) EGA lamp; 5) seat belt lamp; 6) manipulation dot
- 16 Not used
- 17 Not used
- 18 Not used
- 19 Lock Status; unlocks functions in range 3-18
- 19.0 L-On/L-Off Unlock: press button when "L-Off"
- 20 Not used
- 21 Software Reset; reset OBC settings
- 00 End of test

*Test 19 (Unlock) requires an unlock code. Unlock code is calculated by adding the last 5 numbers of VIN (like shown in the test 1.0). For example if your VIN ends in 12345 then the unlock code is 15. You enter the code by clicking the Trip Reset until you reach the correct number. If you pause the clicking for a bit longer (a second or so) then the number is entered.

If you are in a submenu and want to go one level up into the main menu structure, press and hold Trip Reset until the submenu numbers disappear.