

GPS speed and overspeed alarm.

0-60 and 1/4 mile timers.

Consumption, range, remaining fuel

Voltmeter, oil pressure and Itemperature, with overheat alarm.

) Outdoor temperature, altimeter, heading, and g-sensor.

Setting/Resetting and on/off.





PEED RUN	
FUEL TIMER	
NFOS SET &	
with the oil sensors.	
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HOUR/DATE

Press (machine) to display the current time. Press again to display the date. Both time and date can be adjusted by pressing (SETO





PS SPEED

alarm.

Press (SPEED) to display the current GPS speed. The overspeed alarm can be activated using [Set] Press once to set the limit speed using the numerical buttons, and press again to activate the alarm ('ON' will get displayed). Repeat the operation to deactivate the

In case of an overspeed, 'LIMIT' will blink on the screen until you slow down. You can ignore the alarm by pressing (Setter 1997)





ACCELEROMETER BASED 0-60 AND 1/4 MILE TIMER

start right when an reach 62mph (100km/h). Press (RNN) again to display the 1/4 mile same.

- Press (RNN) to display the 0-62 timer. 'READY' will
- get displayed once at full stop. The 0-62 timer will
- acceleration is detected,
- and will stop once you
- timer, which operates the











MPG, RANGE, REMAINING FUEL AND TRIP ODOMETER

Successively press Mu to display your hourly fuel consumption, mileage, range, remaining fuel (if _compatible), and trip odometer. Those values are getting computed from variables (injector size, engine type, etc..) that need to be set up. Please refer to page 12. Trip odometer can get set/reseted using Some.



TIMER

Press (TMMER) to display the stopwatch. It can be started and stopped with (STO) Once stopped, press (TMBR) to reset. The stopwatch features a split function allowing for timing of a second interval, which can be activated by pressing (TMER) when the stopwatch is running.





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UEL TIMER
FOS SET &
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GAUGES

Successively press (GAUGE



display the oil pressure, oil temperature (if equipped), and voltage. An overheat alarm can be activated by pressing (SET), which will display an alert message if your temperature exceeds a pre-selected value, which can be ignored by pressing (SET III)





INFORMATIONS

INFOS) to Successively press (display outdoor temperature (if equipped), accelerometer, current heading, and altimetere.





SET/RESET

for an extended period.



Press and hold (STO) to power on/off the onboard computer. The OBC will automatically power off if left inactive





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VEL TIMER	
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DIGITS

buttons. Example: to enter 112. holding the corresponding buttons.

As mentioned earlier, some functions may take numerical values. These values can be

entered using the digit

Press(100) + (10) + (1) + (1)You can also enter negative numbers by pressing and





		CS	
Settings c	an be acces	sed by simulta	aneously pre
Each setti	ng is assoc	iated with a c	correspondir
	SET number 🖵	Setting	Description
	0	Language	Switch betwe
	1	Clock format	Switch betwe
	2	Unit	Switch betwe
	3	Software update	See following
	4	Brightness	Set display br
	5	Sensors	Enables oil te
	6	Outdoor temp.	Enables outdo
	7	Wiring	Switch betwe
	8	Auto power-off	Adjust auto po
	9	G-sensor error	Correct poter
	10	Logging	Enables loggi
	11	Injector-cc	Set injector si
	12	Cylinder number	Set cylinder n
	13	Injector calibratior	n Adjustable fa
	14	Tank size	Select betwee

essing (1000) and (10).

een German, French and English

een 24h and AM/PM format

een metric and imperial system

g page

rightness in range 0 to 15

emp/pressure gauges (requires adequat sensors)

loor temperature gauge (requires adequat sensor) een Clock/OBC6/OBC13 wiring

power-off delay (between 1 to 24 hours) ntial X-Y error. To be adjusted on flat surface ging for software debugging.

ize.

number.

actor for fuel consumption calibration.

en 55L and 60L depending on your tank volume.



the latest version of the software.

Setup

You are connected to the OBC wifi setup page, where you can connect the device to internet, for it to download software updates. Please type in your hotspot's SSID and password:

—WiFi

The password will be case sensitive, so be sure to enter it correctly.

SSID: Other... Contraction of the state of t This is a required field. Password: WiFi Password Save Settings

WIFI UPDATES

New software updates will frequently be released to fix potential bugs To install them, please navigate to the setting "SET 3". For one minute, the OBC will try to connect to a known WiFi hotspot in

If no known WiFi hotspot is available, or if none has ever been regist will become an access point, waiting for you to connect to it. Using either your phone or your computer, please look up for the "E30 Once connected to it, you will get redirected to obc-80s.engineering. There, please type-in an available WiFi hotspot SSID and password. ___Once registered, the OBC will use those WiFi credentials to attempt to internet, where it will download the latest software. (from https://github.com/80sEngineering/0BC)





	and	add features.	
	orde	r to download	
e	red,	the device	
0	BC "	WiFI hotspot.	
	con	ect to the	
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- Electrical characteristics:

- Any issue?:

More information

• 'SIGNAL' implies that the GPS module is searching for satellite signal. It will get displayed if the car is underground or if the OBC has not been used in some time. It should disappear in about 30 seconds with good visibility of the sky.

• Supply voltage: 7-25V • Maximum operating consumption: ~180mA • Current consumption when off: <0.3mA (essentially nothing)

Please reach me at contact@80s.engineering, or on instagram @80s.engineering for a faster answer. Thanks for your support and bonne route!

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