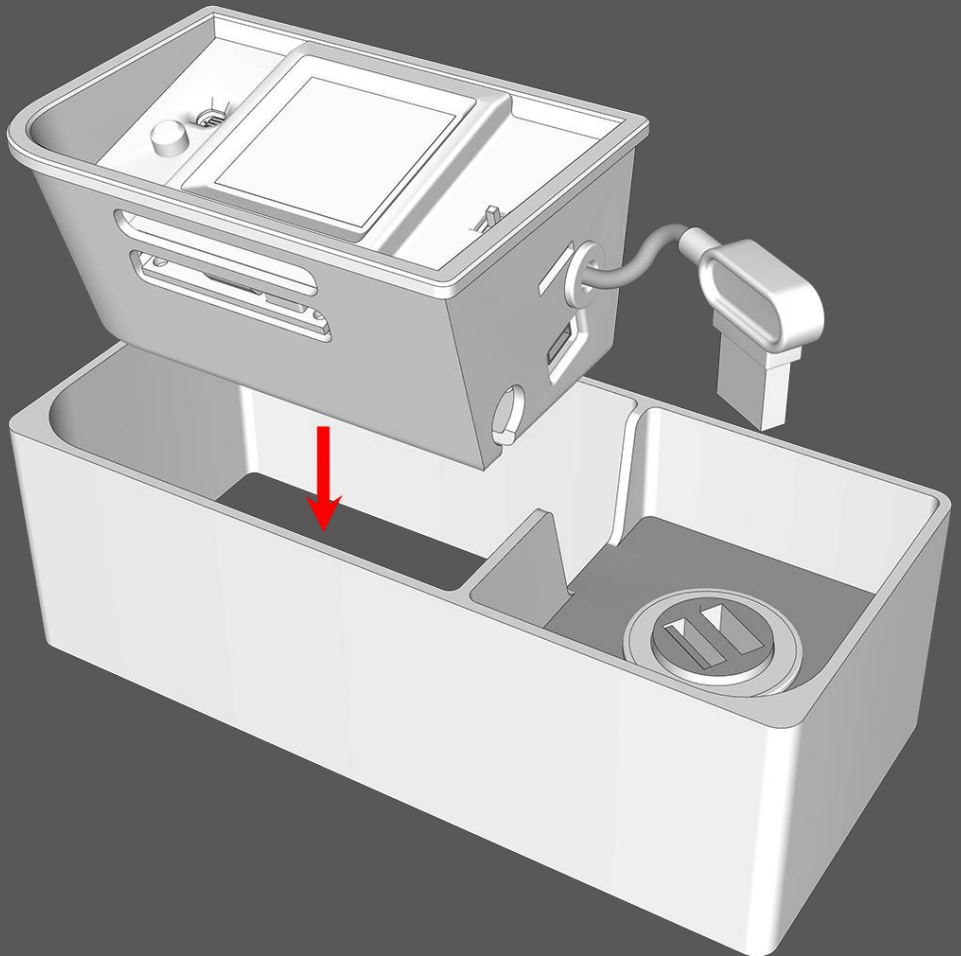


Installation:

Insert the ELM327 into the OBD2 socket

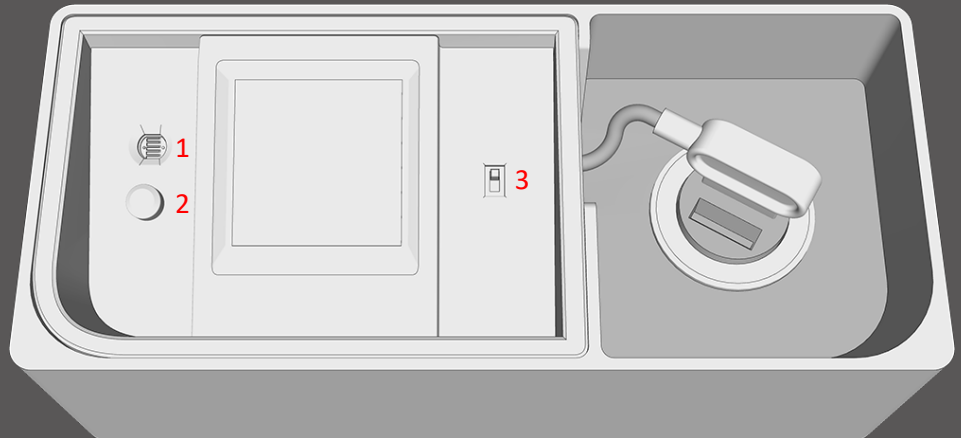


Insert the USB charger at an $\sim 30^\circ$ angle (LED facing you), estimate the length needed for the USB cable, Insert the device in place of the ashtray and insert the USB plug at the same time.





- 1** = light sensitive resistor.
The display will dim its backlight when it gets darker.
- 2** = button: - short press cycles through displays,
- long press returns to the 1st display.
- 3** = on/off switch
Turn the device off when you want to connect to the OBD2 dongle with your phone.



Comments:

- Unplug the ELM327 dongle when you don't use your car for a while.
- Entering the car turns on the ashtray device, but the ELM327 will not be turned on till you press the START button of your car. The ashtray display will cycle through attempts connecting to the OBD2 signal till you press the START button.
- The same applies to when you turn off your car. The ashtray device will shut down after a longer while, or when you lock the vehicle.
- 5.0 NA models may not be suited to display the "Boost" value.
- The attached USB cable is for 5V power only. It will not transfer any data when connected to a computer.

Downloads:

Visit x150.bobhome.nl in order to download all necessities:

- This and other manuals
- 3D printable (zipped) STL files
- PCB Gerber (zip) file
- firmware downloads
- Arduino and ESP32 installation files



4.2 / 3.5 and 5.0 models		5.0 models only	
Metric	Imperial	Metric	Imperial
94 Coolant °C	201 Coolant F	12.4 Oil level cm	4.9 Oil level inch
14.2 Voltage		78 Oiltemp °C	172 Oiltemp F
225 KM/H	140 MPH	7.25 Liter oil	1.92 Gallon oil
22 Minutes since start		36 Gearbox °C	96 Gearbox F
25 Outside °C	77 Outside F	41 IAT 2 °C	105 IAT 2 F
33 Intake °C	91 Intake F	48 Diff. °C	118 Diff. F
3245 RPM		1.54 Boost BAR	22.34 Boost PSI
26487 KM since codes cleared	16458 Miles since codes cleared		
87 Brightness (0 - 100%)			