



ADAPTER

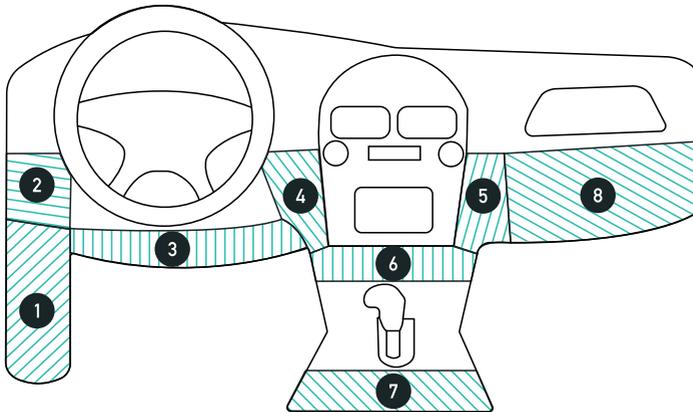
An additional adapter is used, when your car has OBDII port but the car will not support CAN protocol. This is the case for cars usually **older the 2005 model year**. **Starting from the 2008 year**, all cars support CAN and you will not need this adapter because Wivel can be connected using only OBDII-HDMI cable.

Supported protocols:

SAE J1850 PWM
SAE J1850 VPW
ISO 14230-3 KWP
ISO 9141-2



You can find the OBDII port location of your car here:





TERMINAL

Terminal I used, when your car or motorcycle won't have any OBDII port at all. This is the case for **cars older the 1997 model year**. The terminal box should normally be mounted under dash, so it is hidden.

There are 2 HDMI ports on the short side:

- larger is used to connect the terminal with Wivel
- smaller is for OBDII-HDMI cable, so that terminal can be used additionally even when your vehicle has OBDII port.

Cable terminals on both wider sides of the terminal box are used for powering Wivel (needed only when OBDII cable is not present) and connecting the digital and analog sensor inputs.

The connector labelling is:

- **GND**
connect with chassis ground (battery negative terminal)
- **V+ IN**
connect with battery voltage output (battery positive terminal)
- **CAN L, CAN H**
used to input sensor data to Wivel in case your vehicle has aftermarket engine management unit with programmable CAN output.
- **ANLG**
1 ... 5 – analog inputs, connect with sensor analog output (temperature and pressure sensors etc.)
- **FRQ**
1 ... 3 used to measure frequencies (digital signal), connect with speed or tach sensor output.



The digital and analog inputs are streaming only when they are connected with a device using Terminal. Selecting the *Live data* button the inputs screen is displayed. The input names and specific types can be customized on Wivel app „Settings“ screen.

