

# Template:FMB1 Bluetooth OBD dongle

## Bluetooth settings configuration



Following are the instructions on how to easily prepare Bluetooth Dongle connection to the FMB device. First we need to configure FMB device Bluetooth settings. These are the required steps:

- Go to **Bluetooth** section similarly to as shown in the figure to the right (position 1).
- Turn on BT Radio by pressing **Enable (visible)** (position 2). "Local name" (position 3) will automatically be "FMB1YX\_last 7 imei digits", you can leave it or type your own name.
- Set *Security Mode* (position 4) to **PIN only** or **None** (you could select **PIN + MAC list** or **MAC list only** security mode but in this case you need to type external device MAC address in *Authorized Devices MAC List* (position 7).
- Set connection mode to **OBDII** (position 5).
- Set *External Name* as your Bluetooth OBD II device name for proper device identification and connection to it. In this example OBDII device name is "DONGLE", at least 2 characters are needed to recognize it and connect to it. For better and faster adapter identification in network you could enter a full device name. You could check your OBDII adapter Bluetooth name by scanning nearby Bluetooth devices using a mobile phone or a computer with Bluetooth adapter.
- Go to **OBD II** in main menu and select priority and others parameters visible in the following figure.



- After all these steps press **Save to device** to save configuration (position 8 in the top right hand figure).
- Now you can disconnect FMB device from the configurator.

## Connecting to Bluetooth OBD II dongle

After this configuration OBDII dongle can be connected to FMB device. Turn on ignition, then turn on its Bluetooth connection. For pairing follow dongle instructions. OBDII device notification about paired Bluetooth connection depends on the specific model. If you later restart FMB device it will automatically reconnect to this dongle.

## Supported Bluetooth OBD II dongles

FMB module works with Bluetooth OBD II dongles which are based on ELM327 or STN1110 chips. Comparison of these chips is presented in the image below:

