

Template:FMB1 Blue-tooth OBD dongle

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How to connect OBD II Blue-tooth Dongle to FMB device

Blue-tooth settings configuration

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

- Go to **Blue-tooth** 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 Blue-tooth 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 Blue-tooth name by scanning nearby Blue-tooth devices using a mobile phone or a computer with Blue-tooth adapter.
- Go to **OBD II** in main menu and select priority and others parameters visible in the following figure.

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- 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 Blue-tooth OBD II dongle

After this configuration OBDII dongle can be connected to FMB device. Turn on ignition, then turn on its Blue-tooth connection. For pairing follow dongle instructions. OBDII device notification about

paired Blue-tooth connection depends on the specific model. If you later restart FMB device it will automatically reconnect to this dongle.

Supported Blue-tooth OBD II dongles

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

