



12/10/2011

**Operating instructions to update Maps inside ECU through the Palm Tool.
The Palm Tool must have been loaded with the latest maps for the bike you want to update.**

1. Connect Palm Tool to ECU (engine and lights, if present, switched off)
2. Switch on Palm Tool, **Monitor** page will be displayed
3. Use the pen to select **Connect**
4. In the **Connect** page you can see which maps are stored in the ECU:
Mapping Data 1 → shows map stored in switch position n. 1
Mapping Data 2 → shows map stored in switch position n. 2
The active map is clearly visible, the other map is in grey. Default setting is same map in both switch positions.
5. To start the ECU update, use the pen to select **File**, an options menu will open and select **Load**, you will see another menu showing **Configuration** and **Mapping**, choose **Configuration**
6. Select from the list of folders the correct one for your bike's manufacturing year, if you do not see a folders list, double click with the pen on symbol “../” until you reach the folders level
7. Inside the desired folder double click the file name related to your bike type, the file name will be displayed again alone, double click it or click it once and click ok.
The configuration file for your bike is now ready to be sent to the ECU.
8. Repeat step n. 5 and choose **Mapping** and if necessary go back to folders page by double click with the pen on symbol “../”
9. Select from the list of folders the correct one for your bike's manufacturing year
10. Inside the desired folder double click the file name related to your bike type, a file with the name of the latest standard map available for your type of bike will be displayed, double click it or click it once and click ok.
The mapping file for your bike is now ready to be sent to the ECU. This file will stay in the Tx Mapping memory location of the Palm Tool until you will select another file with the above procedure.
11. (optional step, not necessary) If you want to double check what you are sending to the ECU, select **Maps** and choose **inj** or **adv** from the menu. In the red field (CONF) you will see the configuration file name ready to be sent, in the yellow field (MAP) you will see the mapping file name ready to be sent.
12. If the CONF and MAP file names are correct, select **Tx**, you will be able to choose between:
Configuration
Mapping 1
Mapping 2
Choose **Configuration** and wait for the Transmit Termination message. Now you have updated the ECU configuration.
13. Select **Tx** and choose **Mapping 1**. Wait for the Transmit Termination message. Now you have updated the ECU mapping in the location of switch position 1.
14. Select **Tx** and choose **Mapping 2**. Wait for the Transmit Termination message. Now you have updated the ECU mapping in the location of switch position 2.
15. Work has been completed, select **Disconnect** and physically disconnect the serial cable from the Palm Tool.