



**HOW TO CONNECT  
VORTEX ECU**



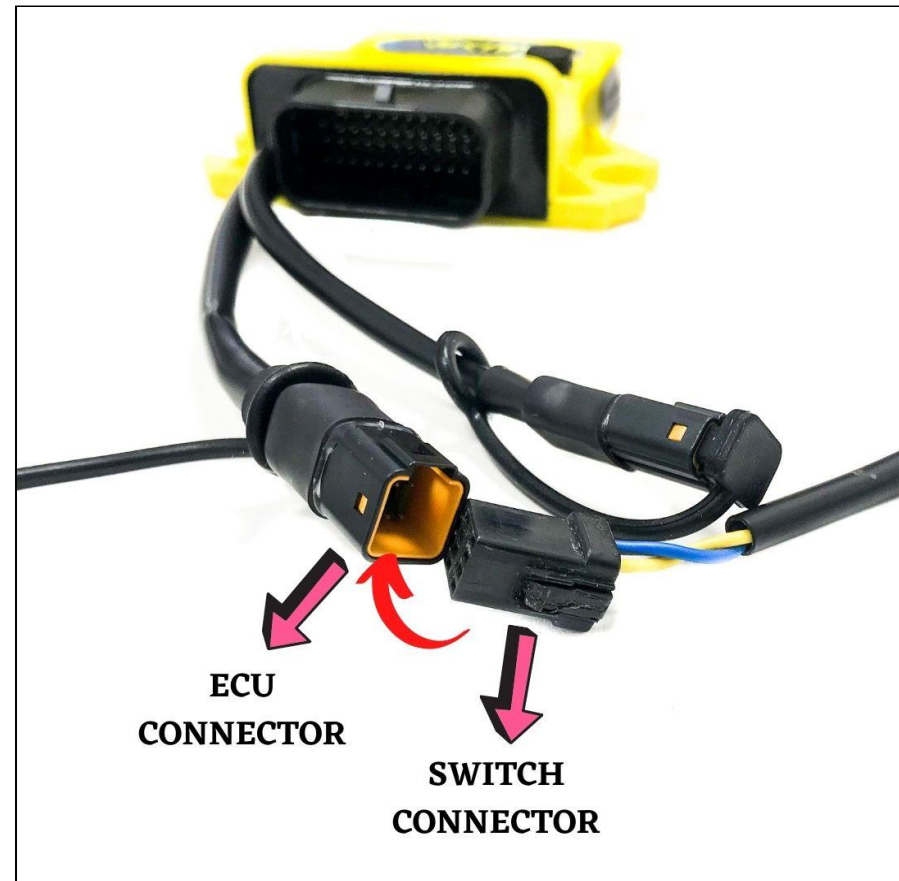
**TO SWITCH MAP**

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### – Connecting the switch map to the ECU

Insert the male JST 8-pin cable into the female JST 8-pin connector of the Vortex ECU.

Warning : The JST connectors have a one way connection and lock, a button is present on the male connector and a slot is present on the female connector. Align them and connect them carefully making sure to not damage the contacts.



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**– The switch on the Switch Map**

The switch on the handlebar is used to select between 2 of the 10 available maps :

- Map 1 “Full power” : the map with the higher performance
- Map X10 : the map you chose with the trim.



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## – How to select 1 of the maps

The Vortex ECU has 10 pre-programmed power settings (from aggressive to linear).

Insert the screwdriver into the trim and select the map you prefer.

There are 10 maps :

- *Map 0* : launch control
- *Map 2-8* : customized maps
- *Map 9* : neutral map



**INSERT THE SCREWDRIVER  
INTO THE TRIM AND SELECT  
THE MAP YOU PREFER**

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## - Functioning of the carburation trims

With the three trims (LO, MID, HI) you can modify the carburation with the following references:

LO: 5-25% of the accelerator

MID: 33-66% of the accelerator

HI: 75-100% of the accelerator

Every step on the trims increases or decreases the quantity of fuel by 2,5%. The default position is "5, 5, 5" (in this position there are no further corrections compared to the base map).

NOTE: it is not advisable to set it lower than default unless you are an expert engine tuner or you are monitoring the stoichiometric ratio with a Lambda sensor. An air/fuel ratio higher than 0,95 can cause serious damage to the engine.

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