

Map Switch Installation

Document Version	2	Release Date	22 Sep 2022
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Application information	Generic
Vehicle	Not Applicable
Model	Not Applicable
Year of manufacture	Not Applicable
PowerTRONIC application	All PowerTRONIC ECUs, from firmware version F.3.x onward.

Note:

- Read through all instructions before installation and use.
- Ensure that the bike is switched off and the key is out of the ignition before proceeding with the installation.
- Some parts of the bikes might be hot/sharp and may cause burns/cuts. Proceed with extreme caution or wait until the bike has cooled down. Always wear safety gloves.
- When the installation is complete, make sure to secure the wiring loom away from the movable parts or components which tend to heat up during the normal operation of the vehicle at any chance.
- PowerTRONIC is intended for motorsport use on a closed course, please check with your local laws before using this product. Race Dynamics / PowerTRONIC is not liable for consequences arising out of using the product.

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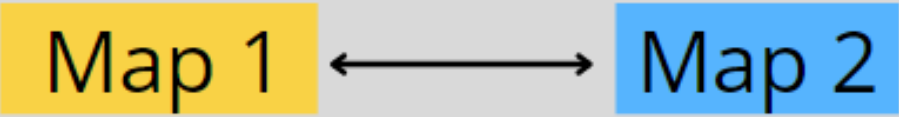
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Every PowerTRONIC is shipped with a map file. It contains two pre-tuned dyno-tested maps for vehicles with stock conditions, they are called Race and Race+ modes. The description for each map is given in the quickstart guide. Please refer to it for more information. With the help of the handlebar map switch, maps can be switched on the fly. You do not have to turn the engine off to switch between the two pre-loaded maps.

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Kit contents:

- Handlebar map switch
- 2.5 mm bolts
- Map switch installation Guide

Tools Required:

- 2.5 mm Allen key
- Cutters/Wire Strippers

Map Switch Installation procedure:

Step 1: Attach the Map Switch to the handlebar and attach the dovetail slider. Using the 2.5 mm Allen T handle, tighten the bolts provided within the kit. (Refer to the figure below)

Note: Leave enough play for the smooth turning operation of the handlebar.



Step 2: Detach the seat and route the map switch wire as shown in the figure. Roll any excess amount of wire under the seat (Refer to figure below).



Step 3: Locate the map switch connector male terminal on the PowerTRONIC wiring loom and connect the female terminal of the handlebar switch to this connector. Attach the seat back (Refer to Figure below).



Note: Maps can be changed on the fly. You do not have to turn the engine off to switch between the two onboard maps.