Installation Manual

Magic Box V10

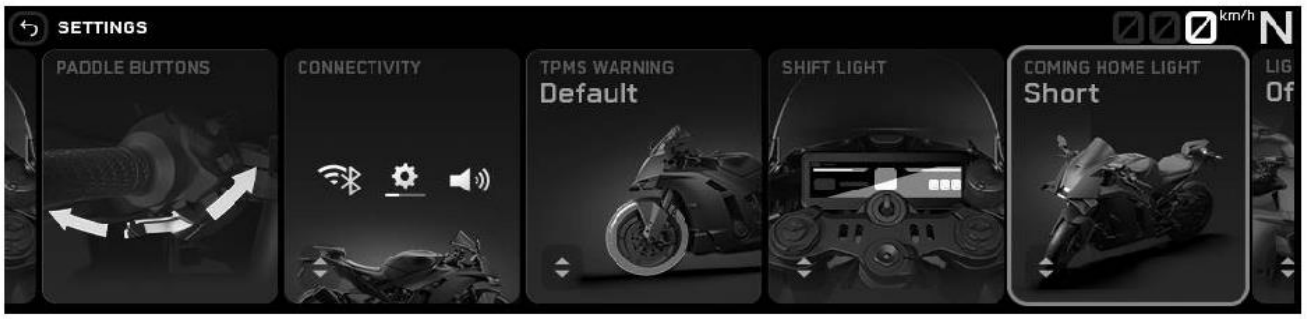
KTM 990 RC R

Preparation
Before installing the Magic Box, you must first correctly install the Akrapovic Mapping and adjust certain settings on the bike. Follow the steps below carefully!

Step 1: Remove the Indicators
Unplug **ALL** indicators** (turn signals) from the bike before starting the installation of the Akrapovic Mapping. So that means the 2 indicators in the front, and 6-pin connector in the rear.

Step 2: Install the Akrapovic Mapping
Perform the installation of the Akrapovic Mapping according to the manufacturer's instructions.

Step 3: Deactivate the "Light Diagnostics" Function
Once the Akrapovic Mapping installation is complete, **deactivate the "Light Diagnostics" function** in the bike's menu.
Go to the settings menu of the bike and find the "Light Diagnostics" option. Turn this function off and **don't turn it on again**.



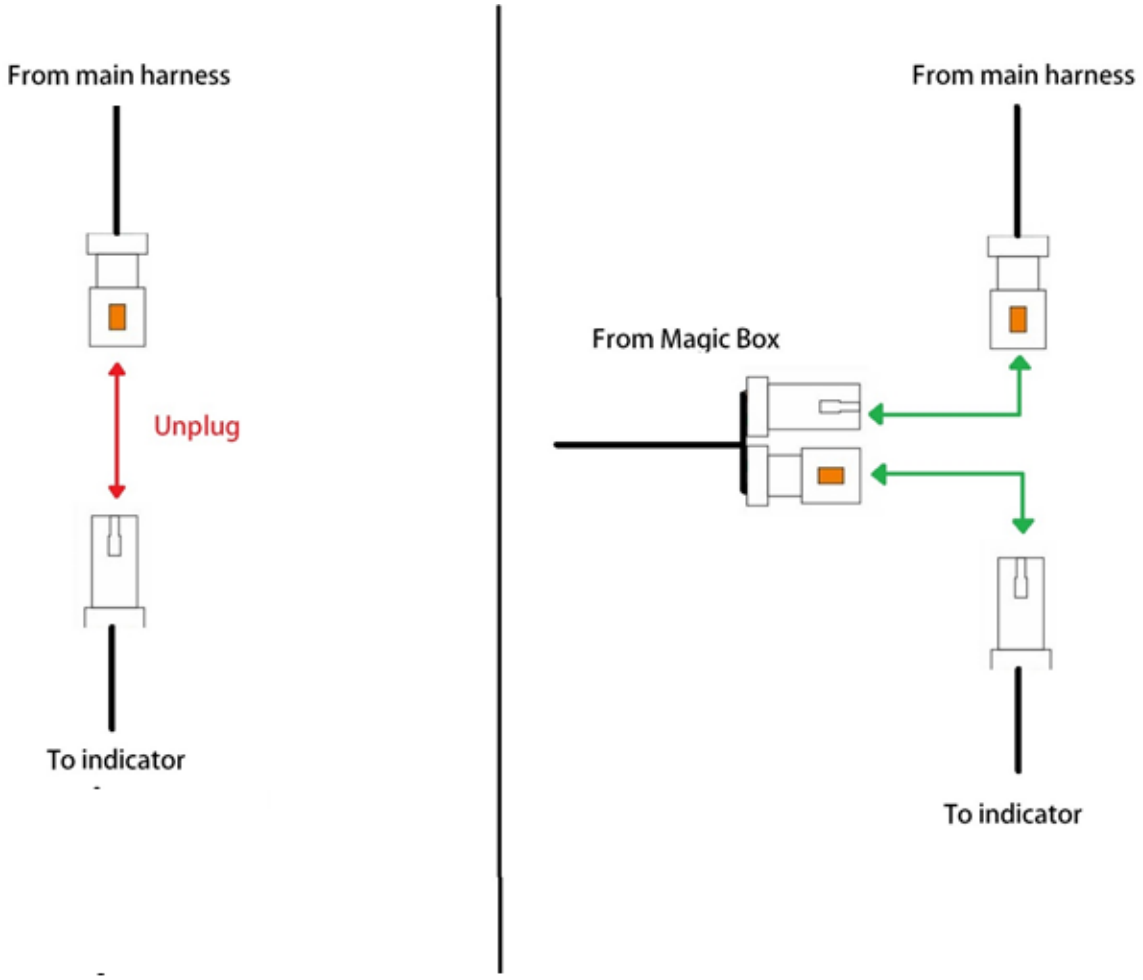
Note: If this option is not available, contact your dealer to activate this function using the diagnostic computer.

Step 4: Deactivate the "Coming Home" Function
After deactivating the "Light Diagnostics" function, go to the settings menu and **turn off the "Coming Home" function** **and don't turn it on again**.

Installation of the Magic Box
Follow this step-by-step guide closely to ensure proper installation and avoid malfunctions. If you have any doubts or encounter issues, always consult your dealer for assistance.

Front:
There are **2x 2-pin** connectors (L+R), disconnect these connectors and install the connectors of the Magic Box in between.
Route the wiring harness of the Magic Box on the side of the motorcycle to the rear behind the fairings.

Rear:
In the rear you will find **1x 6-pin** collecting connector coming from the tail.
Disconnect both connectors and install the Magic Box in between.



The installation is now done. Please read the notes below.

Important!

Make sure the bike is completely turned off (display and headlight off) and wait 10 seconds before turning it on again.
Do not start the motor too quickly in succession!!!

What to do when the engine enters limp mode? (Road approval expired)

1. Turn off the engine completely.
2. Start the engine and turn it off again after 5 seconds. Wait 10 seconds and repeat this process 5 times until the "Road Approval Expired" message disappears.

When work needs to be carried out on the motor (servicing, diagnosing with the XC2 tool etc) ALWAYS ensure that the 6 pin connector in the tail of the Magic Box is disconnected!

When the work has been carried out switch the motor off completely, wait 60sec, connect the 6 pin connector back from the Magic Box.

You are now Ready to >> Race.

For more information:

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