

Installation Manual

Magic Box V10

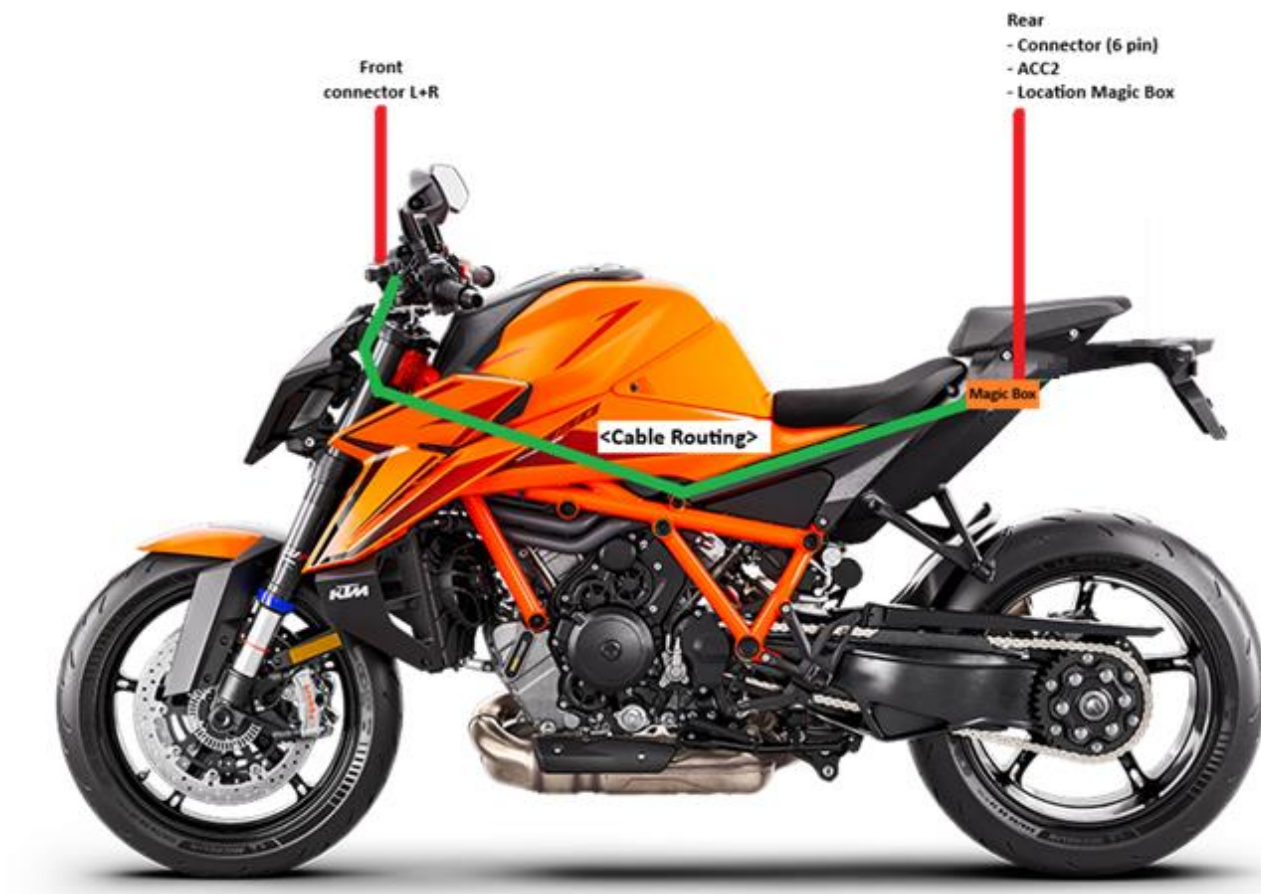
READY 
TO RACE

KTM SuperDuke 1390R/EVO



KTM

Locations of connectors



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. The 2 indicators in the front and 6-pin connector in the rear.

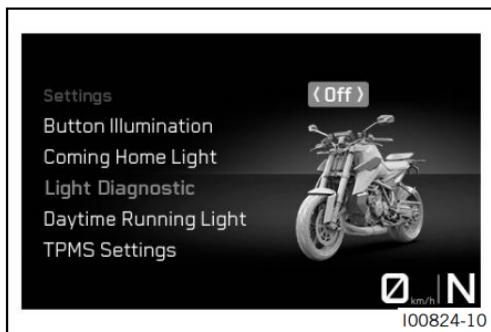
Step 2: Install the Akrapovic Mapping

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**.



- Press the **SET** button when the menu is closed.
- Press the **UP** or **DOWN** button until **Settings** is highlighted. Press the **SET** button to open the menu.
- Press the **UP** or **DOWN** button until **Light Diagnostic** is highlighted. Press the **SET** button to open the menu.
- Press the **RIGHT** or **LEFT** button to activate or deactivate **Light Diagnostic**.

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**.

7.28.66 Coming Home Light



- Press the **SET** button when the menu is closed.
- Press the **UP** or **DOWN** button until **Settings** is highlighted. Press the **SET** button to open the menu.
- Press the **UP** or **DOWN** button until **Coming Home Light** is highlighted. Press the **SET** button to open the menu.
- Press the **RIGHT** or **LEFT** button to adjust **Coming Home Light**. The setting options are off, short and long.

NOW SWITCH OFF THE BIKE COMPLETELY AND WAIT 60sec BEFORE YOU CONTINUE WITH THE NEXT STEPS!

Installation of the Magic Box

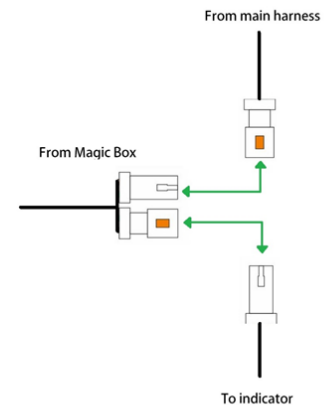
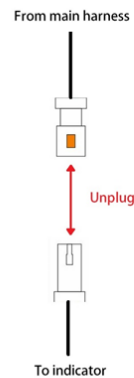
Follow this step-by-step guide closely to ensure proper installation and avoid malfunctions. If you have any doubts or encounter issues, always consult your dealer for assistance.

Front:

In the front behind the indicator cover 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 left side of the motorcycle to the rear behind the fairings.

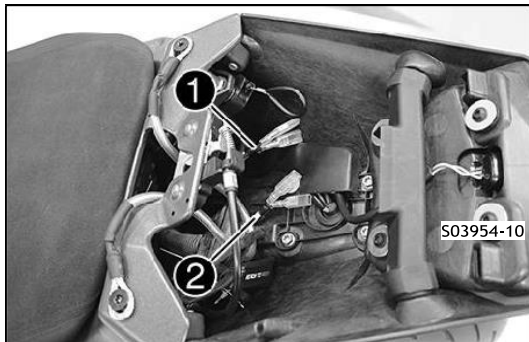
Rear:

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.



Power supply to the Magic Box:

Power supply ACC2 is located under the passenger seat.



Connect the Magic Box to ACC2.

Orange <-> Black/Red

White <-> Brown

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 both ACC2 wires of the Magic Box are disconnected!**

When the work has been carried out switch the motor off completely, wait 60sec, connect the ACC2 wires back again.



You are now Ready to >> Race.

For more information:

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