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CERTIFIED MANAGEMENT SYSTEM
ISO 9001 - ISO 3834-2

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Impianti di scarico
Exhaust systems

MIVV ITALIAN STYLE

MIVV SWITCH OFF KEY
(product code 00.73.ACC.101.0)

User Manual

Device for eliminating the MIL (Malfunction Indicator Lamp) light caused by the post-catalyst lambda probe on Euro5+ motorcycles.

IMPORTANT WARNINGS:

- **Recommended Use:** MIVV assumes no responsibility for improper use and/or incorrect installation.
- **Professional Installation Recommended:** If you are not an expert in vehicle mechanics and electronics, we recommend having the device installed by a qualified mechanic.
- **Safety:** Before any intervention, it is advisable to let the motorcycle cool down.

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1. Package Contents

Please check that the package contains

- SWITCH OFF KEY device.
- Adapter cable specific to the motorcycle model.

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2. Device Description

The **MIVV Switch-Off Key** is a device used to turn off the engine failure light (**Check Engine**) that may come on when the original catalytic converter is replaced with an **aftermarket one**, as this could cause an alteration of the oxygen parameters compared to those set by the original control unit.

- **Function:** the device keeps the MIL light off.
- **Connection:** The device is designed to remain permanently connected to the motorcycle's diagnostic port (OBD).
- **Compatibility:** This device is compatible only with the vehicles listed on www.mivv.com .

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3. Installation

3.1 Access to the Diagnostic Socket (OBD)

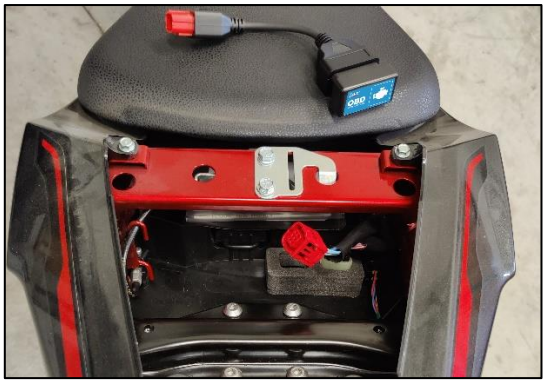
- Locate the vehicle's diagnostic (OBD) socket. The location may vary depending on the model (often under the seat, near the battery, or in a side compartment). Consult your vehicle's workshop manual to find the exact location.

3.2 Connecting the MIVV SWITCH-OFF KEY Device

1. Turn on the vehicle's ignition without starting the engine.
2. Connect the MIVV SWITCH-OFF KEY device connector directly to the vehicle's diagnostic socket (OBD).
3. Make sure the connector is fully and securely inserted.

BMW / CF MOTO (adapter cable necessary)

OTHER MANUFACTURERS (adapter cable not necessary)



4. Wait 15 seconds and make sure the blue LED visible through the hole on the top of the device appears (*) (**).
5. Start the vehicle.
6. The device is connected.

(*) If the blue LED is off, disconnect the device and repeat the operation from point 1.

(**) On Yamaha vehicles, a message may appear on the dashboard indicating that a connected device has been detected, potentially limiting vehicle functions. Press OK to clear the message. The vehicle will not be subject to any limitations or restrictions.

3.3 Positioning the Device

- Place the MIVV SWITCH OFF KEY device in a safe place, protected from excessive heat, vibrations, and humidity. Use cable ties or other means to secure it securely, avoiding tension on the cables or interference with moving parts.

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4. How the device works

4.1 Error Cancellation

If installed correctly, the MIVV SWITCH-OFF KEY device will send signals to the vehicle's control unit as soon as the engine is started. If the MIL light was on before installation, the device will turn it off.

4.2 Prevention

The device will continue to operate in the background, preventing future MIL light activations due to non-compliant readings from the post-catalytic converter lambda sensor or catalytic converter system, or if the light does come on, it will be cleared the next time the vehicle is started.

On Honda vehicles, if the MIL light comes on, the reset will occur the first time the vehicle is completely turned off and on again.

4.3 Permanence

The MIVV SWITCH-OFF KEY device is designed to remain permanently connected to the diagnostic socket to ensure continuous operation.

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5. Troubleshooting

- **The MIL light stays on:**
  - Verify that the device is connected correctly and securely.
  - Verify that the blue LED on the top of the device is lit. If not, repeat the installation procedure from step 1.
  - Make sure the cause of the MIL light coming on is actually related to the lambda sensor. Other vehicle problems could be triggering the light.
  - If the error persists, you may need to use a specific OBD diagnostic tool to read the error codes and identify the actual cause.
  - Check any fuses on the motorcycle related to the diagnostic port.

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6. Maintenance and Care

- The MIVV SWITCH OFF KEY device requires no specific maintenance.
- Avoid exposing the device to impacts, water or extreme temperatures.
- Periodically check that the connections are secure and show no signs of wear.

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7. Technical Specifications

- Supply voltage: 12V
- Current consumption: 5mA
- Connector: Euro5+/ OBD2

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8. Non approved product

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9. 24-month warranty

Technical Assistance:

For further information or problems that cannot be resolved with these instructions, contact technical support at key@mivv.it