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ChipPower GS2

ChipPower GS2 Tuning Box Instruction Manual

For Volkswagen Polo Mk3 (6N/6KV) 1.0 1.4 (1994-2001)

1. Introduction

The ChipPower GS2 Tuning Box is designed to optimize your vehicle's engine performance. This device can increase engine power and torque by up to 15%, improve fuel efficiency, and reduce turbo lag. It is compatible with Diesel Particulate Filters (DPF) and Gasoline Particulate Filters (GPF), as well as vehicles with or without keyless start systems. The GS2 Tuning Box is suitable for all types of gearboxes and is supplied ready for immediate use.

2. Package Contents

Please verify that all components are present in the original packaging:

- ChipPower GS2 Tuning Box module
- Vehicle-specific connection cable
- Instruction manual
- Cable ties for secure installation



Image 2.1: The complete ChipPower GS2 Tuning Box kit, showing the module, wiring harness, cable ties, and instruction booklet.

3. Setup and Installation

The ChipPower GS2 Tuning Box features a Plug & Drive design for quick and easy installation, typically taking 5 to 10 minutes. The device connects to your vehicle's IAT, MAP, or MAF sensor. Ensure the engine is off and cool before beginning installation.

3.1. Preparing the Module

The GS2 module may require initial adjustment. Use a small screwdriver to carefully adjust the setting screw located on the module, as indicated in the diagram. Refer to the specific instructions provided with your product for the recommended initial setting.



Image 3.1: Adjusting the GS2 module with a screwdriver. This step allows for fine-tuning of the device's performance.

3.2. Connecting the Cable to the Module

Connect the vehicle-specific cable to the GS2 Tuning Box module. Ensure the connectors are aligned correctly and push firmly until you hear a 'click', indicating a secure connection. The red locking tab should be fully engaged.



Image 3.2: Step-by-step guide on connecting the main module to its wiring harness, ensuring a secure fit.



Image 3.3: Detail of the connected module and cable, highlighting the secure locking mechanism.

3.3. Locating and Connecting to the Sensor

Identify the correct sensor (IAT, MAP, or MAF) in your vehicle's engine bay. Disconnect the original sensor plug and connect the ChipPower GS2 cable in-line. The vehicle-specific cable is designed to match your car's original connectors, ensuring a precise fit.



Image 3.4: Illustration demonstrating the connection points for the GS2 module to either the IAT, MAP, or MAF sensor.



Image 3.5: Example of a secure connection point for the tuning box cable.

3.4. Securing the Module and Cables

Once connected, position the GS2 module in a secure location within the engine bay, away from excessive heat or moving parts. Use the provided cable ties to neatly secure the module and all cables, preventing them from interfering with other engine components.

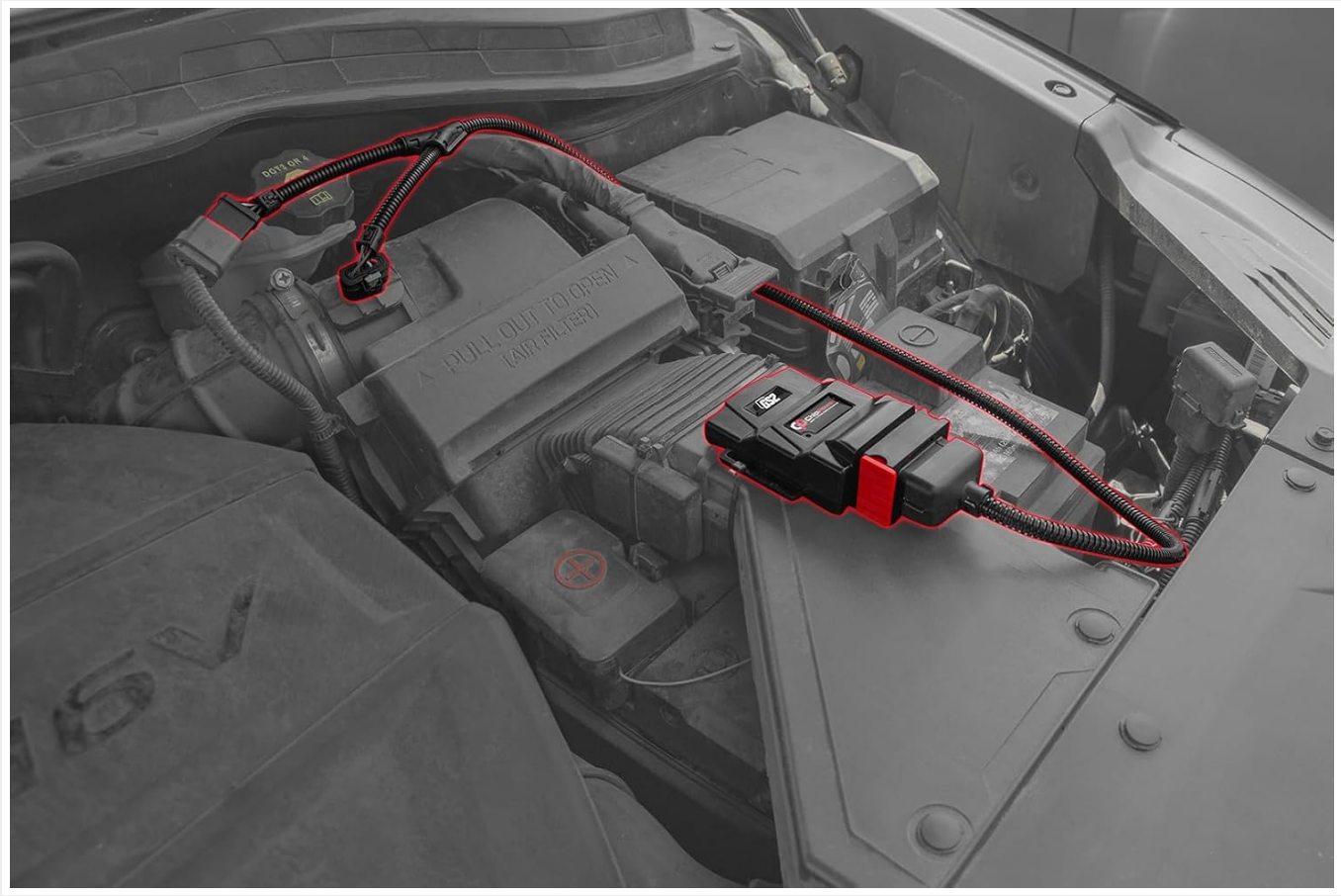


Image 3.6: The GS2 module and its wiring installed and secured within the engine compartment.

4. Operating Instructions

The ChipPower GS2 Tuning Box operates automatically once installed. No further user interaction is required for its basic function. The device continuously optimizes engine parameters to deliver increased power, torque, and fuel efficiency.
The benefits include:

- Increased engine power and torque.

- Improved fuel economy.
- Elimination of turbo lag.
- Enhanced acceleration.

5. Maintenance

The ChipPower GS2 Tuning Box is designed to be maintenance-free. No specific user maintenance is required. Periodically check the connections to ensure they remain secure, especially after driving on rough terrain or after other engine bay work.

6. Troubleshooting

If you experience any unexpected behavior from your vehicle after installation, please check the following:

- Ensure all connections are firmly seated and the red locking tabs are engaged.
- Verify that the module's setting screw is at the recommended position (refer to the specific instructions provided).
- If issues persist, disconnect the ChipPower GS2 Tuning Box and reconnect the original sensor plug. Your vehicle will revert to factory settings.

For further assistance, please contact ChipPower customer support.

7. Specifications

Feature	Detail
Model Number	GS2
Manufacturer	ChipPower
Compatibility	Volkswagen Polo Mk3 III 3 (6N/6KV) 1.0 1.4 (1994-2001)
Performance Increase	Up to 15% power and torque
Safety Certifications	CE, UKCA, RoHS
Installation Time	5-10 minutes (approx.)
Connection Type	Plug & Drive (IAT, MAP, or MAF sensor)



Image 7.1: Dimensions of the ChipPower GS2 module and its connecting cable.

8. Warranty and Support

ChipPower products are designed with engine protection features, ensuring that your vehicle's warranty remains unaffected after installation. Removing the device will restore your car to its factory settings.
For any questions regarding installation, operation, or troubleshooting, please contact ChipPower customer service. Our experienced team is available to provide support.
When contacting support, please provide the following vehicle information:

- Vehicle Make and Model
- Engine Power (as per manufacturer specifications)

This information will help us provide accurate and tailored assistance.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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