

[Manuals.plus](#) /

› [ChipPower](#) /

› ChipPower GS2 Performance Module User Manual for Volkswagen Golf Mk7 2.0 TSI GTI

ChipPower GS2

ChipPower GS2 Performance Module User Manual

For Volkswagen Golf Mk7 VII 7 2.0 TSI GTI (2012-2020)

1. INTRODUCTION

This manual provides detailed instructions for the installation and use of the ChipPower GS2 Performance Module. The GS2 module is designed to optimize engine performance, increase power and torque, and improve fuel efficiency for compatible vehicles. Please read this manual thoroughly before installation to ensure proper and safe operation.

2. PRODUCT OVERVIEW

The ChipPower GS2 is an advanced chip tuning box that connects to your vehicle's engine sensors. It modifies engine parameters to deliver enhanced performance without altering the original engine control unit (ECU) software. This ensures that your vehicle can be easily returned to factory settings by simply removing the module.



Image: The ChipPower GS2 module highlighting its key benefits: increased power and torque, improved fuel economy, quick installation, and reduced turbo lag.

Key Features:

- **Increased Power and Torque:** Boosts engine output by up to 15%.
- **Improved Fuel Economy:** Contributes to better fuel efficiency.
- **Reduced Turbo Lag:** Enhances throttle response.
- **Engine Protection:** Designed with built-in engine safety functions.
- **Compatibility:** Works with DPF (Diesel Particulate Filter) and GPF (Gasoline Particulate Filter) systems.
- **Versatility:** Compatible with all gearbox types and both keyless and standard ignition systems.
- **Reversible:** Easily removable, returning the vehicle to factory settings.

3. COMPATIBILITY

This ChipPower GS2 Performance Module is specifically designed for the following vehicle:

- **Vehicle:** Volkswagen Golf Mk7 VII 7
- **Engine:** 2.0 TSI GTI Petrol
- **Model Years:** 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

4. PACKAGE CONTENTS

Upon opening the original packaging, verify that all the following items are included:



Image: The complete ChipPower GS2 kit, including the module, connecting cable, installation instructions (PDF icon), and zip ties.

- 1 x ChipPower GS2 Performance Module
- 1 x Vehicle-specific Connection Cable
- 1 x Instruction Manual
- Several Zip Ties for secure installation

5. SETUP & INSTALLATION

The ChipPower GS2 module features a Plug & Drive design for quick and easy installation, typically taking 5 to 10 minutes. Follow these steps carefully:

1. **Preparation:** Ensure your vehicle's engine is turned off and cool. Disconnect the battery if recommended by your vehicle's manufacturer for electrical work.
2. **Locate Sensors:** Identify the relevant engine sensors (IAT, MAP, or MAF) in your engine bay. The GS2 module connects to these sensors. Refer to your vehicle's service manual or contact support if you are unsure of their location.
3. **Connect the Module:** Disconnect the original sensor connector and connect the vehicle-specific cable from the ChipPower GS2 module in between the sensor and the original connector. Ensure a secure and firm connection.



Image: Visual guide demonstrating the connection process of the module's cable to the vehicle's wiring harness, ensuring a 'click' for a secure fit.



Image: Illustration indicating that the GS2 power chip installs on the IAT, MAP, or MAF sensor.

4. **Secure the Module:** Use the provided zip ties to secure the ChipPower GS2 module and its cables away from moving parts, heat sources, and moisture in the engine bay.
5. **Reconnect Battery:** If disconnected, reconnect your vehicle's battery.
6. **First Start:** Start your engine and allow it to idle for a few minutes. The module will begin to adapt to your vehicle's ECU.

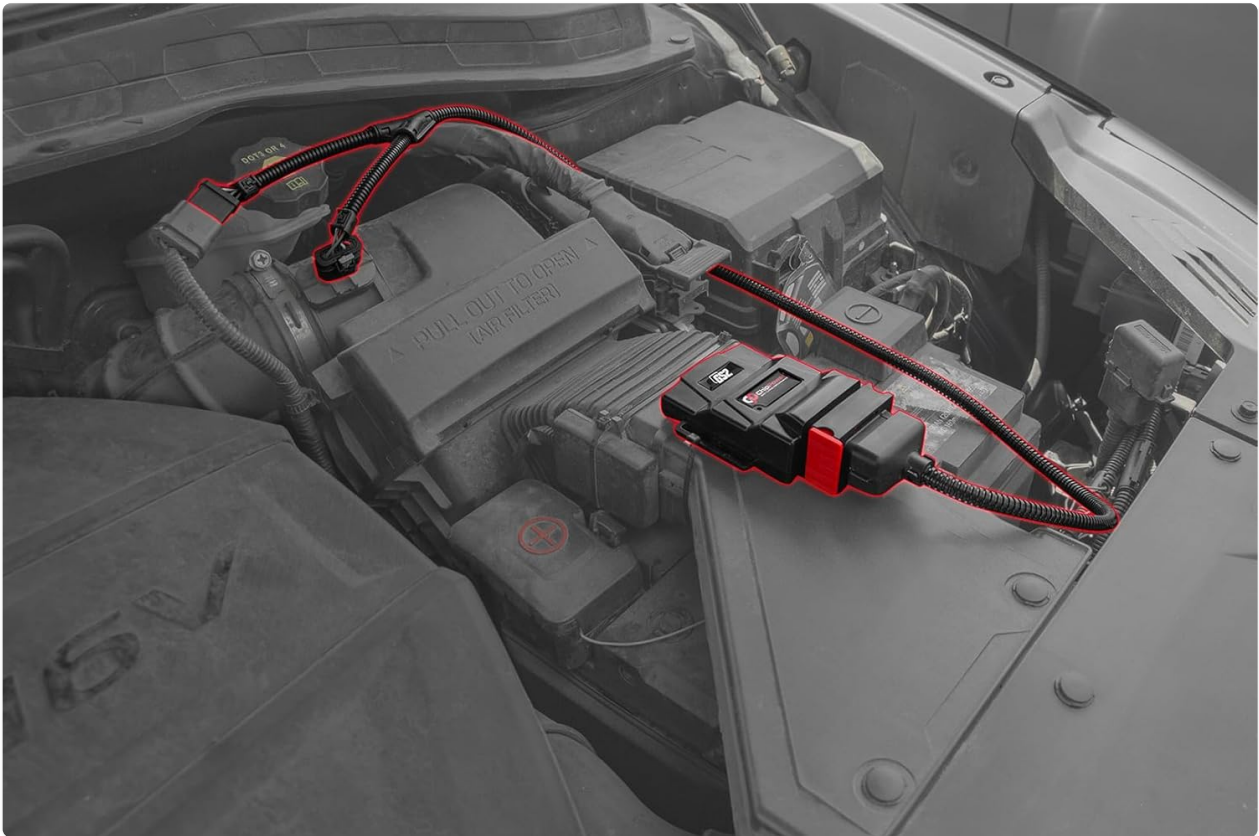


Image: The ChipPower GS2 module correctly installed within an engine compartment, with cables neatly routed and secured.

6. OPERATING INSTRUCTIONS

Once installed, the ChipPower GS2 module operates automatically. There are no additional user controls or adjustments required for daily driving. The module continuously optimizes engine parameters based on driving conditions.

Initial Adaptation:

The module may require a short adaptation period (e.g., 50-100 km or a few driving cycles) to fully optimize performance. During this time, you may gradually notice improvements in power, torque, and fuel efficiency.

7. MAINTENANCE

The ChipPower GS2 Performance Module is designed to be maintenance-free. Periodically check the cable connections to ensure they remain secure and free from damage. Keep the module clean and dry.

8. TROUBLESHOOTING

If you experience any issues after installing the ChipPower GS2 module, follow these troubleshooting steps:

- **Check Connections:** Ensure all cable connections are secure and properly seated.
- **Verify Compatibility:** Double-check that the module is the correct model for your specific vehicle (Volkswagen Golf Mk7 VII 7 2.0 TSI GTI, 2012-2020).
- **Revert to Factory Settings:** If problems persist, disconnect the ChipPower GS2 module and reconnect the original sensor connectors. This will return your vehicle to its factory settings. If the issue resolves, contact ChipPower support.

- **Engine Light:** If an engine warning light appears, disconnect the module and check if the light clears. If it does, contact support.



Image: The ChipPower GS2 module with an arrow indicating a potential adjustment point, suggesting that some models might allow fine-tuning with a screwdriver.

9. SPECIFICATIONS

Attribute	Detail
Model	GS2
Manufacturer	ChipPower
Manufacturer Reference	220108422
ASIN	B09YV9BPXC

10. WARRANTY & SAFETY

ChipPower modules are designed with engine protection features. Installation of the module does not void your vehicle's warranty, as the device can be removed at any time, returning the vehicle to its original factory settings. ChipPower is a European producer specializing in auto tuning for many years, ensuring product quality and reliability.

11. SUPPORT

For any questions regarding installation or operation, ChipPower customer service is available to assist you. When contacting support, please provide the following information to help us provide the most accurate assistance:

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

This information helps us identify the correct connectors and provide vehicle-specific mounting instructions.