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ChipPower GS2

ChipPower GS2 Performance Chip User Manual

For Renault Megane III 1.2 TCe (2008-2016)

1. Introduction

The ChipPower GS2 Performance Chip is designed to optimize your vehicle's engine performance, providing increased power and torque, and potentially improving fuel efficiency. This external module integrates seamlessly with your vehicle's existing systems without permanent modifications to the Engine Control Unit (ECU).



Image 1.1: The ChipPower GS2 module highlighting its performance benefits.

2. Safety Information

Please read all safety instructions carefully before installation and use.

- **Vehicle Compatibility:** This product is only suitable for vehicles with compatible engine specifications as listed in the compatibility section. Using it on an incompatible vehicle may cause damage.
- **Installation:** Ensure the vehicle's engine is off and cool before beginning installation. Disconnect the battery if instructed by your vehicle's manufacturer or the detailed online instructions.
- **Professional Installation:** If you are unsure about any step of the installation process, it is recommended to seek assistance from a qualified automotive technician.
- **Legal Disclaimer:** The use of this product is at your own risk. ChipPower is not responsible for any damages or issues arising from improper installation or use. Always comply with local traffic laws and regulations.

3. Package Contents

Verify that all items listed below are included in your package:

- ChipPower GS2 Chip Tuning Module
- Vehicle-specific Wiring Harness (Plug & Drive)
- Cable Ties for secure mounting
- QR Code Card for Online Installation Instructions
- Sturdy Box for safe transport and storage



Image 3.1: All components included in the ChipPower GS2 package.

4. Compatibility

This ChipPower GS2 module is specifically designed for the following vehicle model:

- **Make:** Renault
- **Model:** Megane III
- **Engine:** 1.2 TCe
- **Power Output:** 116 CV (85 kW)

- **Model Years:** 2008-2016
- **Engine Type:** Petrol (Gasoline)

Certifications: CE, UKCA, RoHS compliant.



Image 4.1: Overview of key product information including compatibility and certifications.

5. Setup and Installation

5.1. Pre-Installation Requirements

To ensure you receive the correct wiring harness and programming for your specific vehicle, it is crucial to provide the following information after purchase:

- Car Model (e.g., Renault Megane III)
- Year of Production (e.g., 2010)
- Engine Type (e.g., 1.2 TCe)

- Power in HP / kW (e.g., 116 HP / 85 kW)



Image 5.1: Details of vehicle information needed for proper module configuration.

5.2. Installation Overview

The ChipPower GS2 module is designed for easy, DIY installation, typically taking 5-15 minutes. It features a Plug & Drive system, meaning no workshop visit is required. Detailed, step-by-step instructions are available online via a QR code.



Image 5.2: Overview of the simple installation process.

5.3. Accessing Online Instructions

For the most accurate and up-to-date installation guide specific to your vehicle, scan the QR code provided in your package. This will direct you to detailed instructions, often including diagrams and images.



Image 5.3: Scanning the QR code to access online installation instructions.

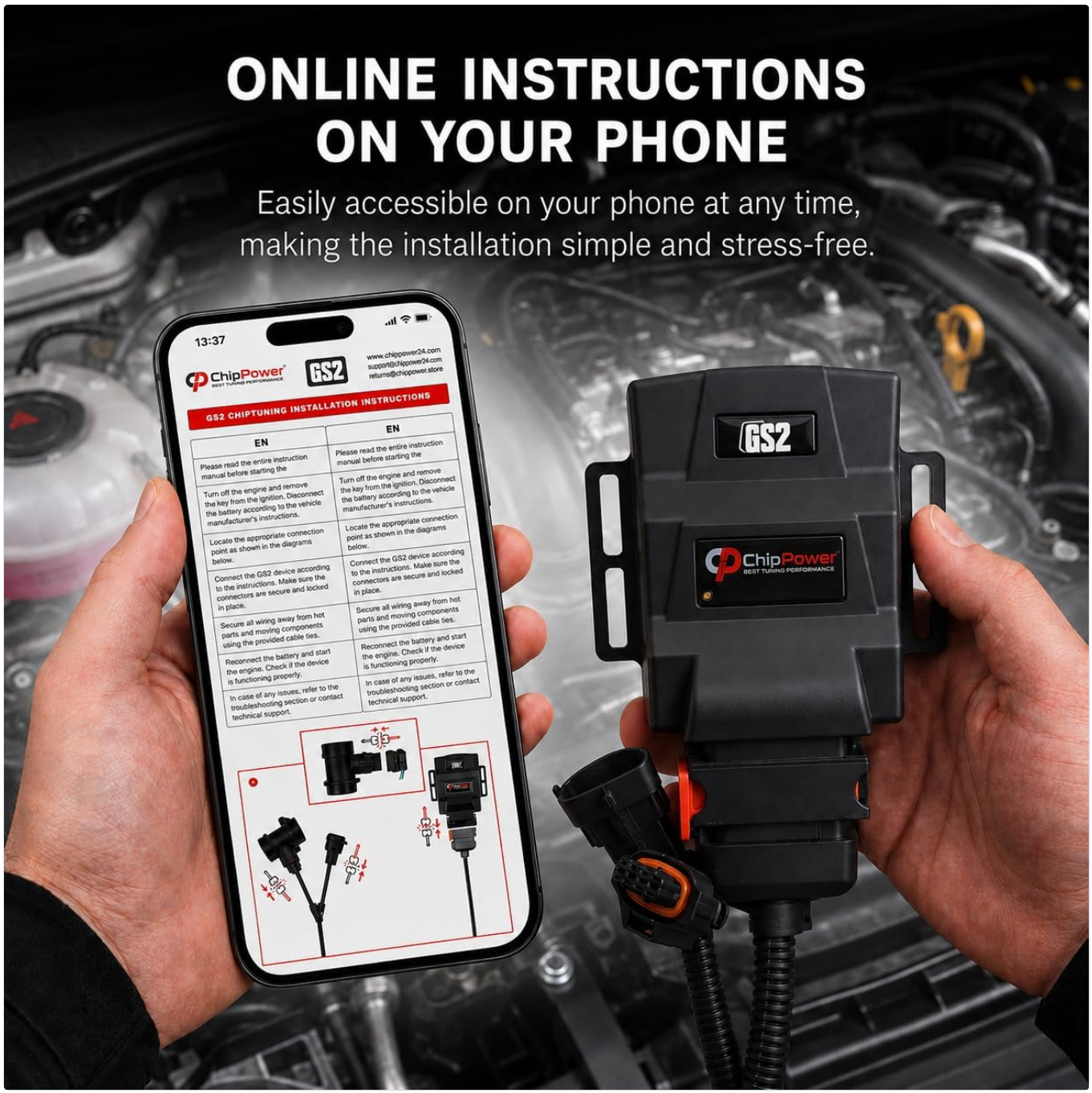

Image 5.4: Online instructions displayed on a smartphone for easy access during installation.

5.4. General Installation Steps (Refer to Online Guide for Specifics)

The GS2 module connects between your engine's sensor and the vehicle's wiring, processing the signal. The exact sensor type and connection point vary by vehicle.

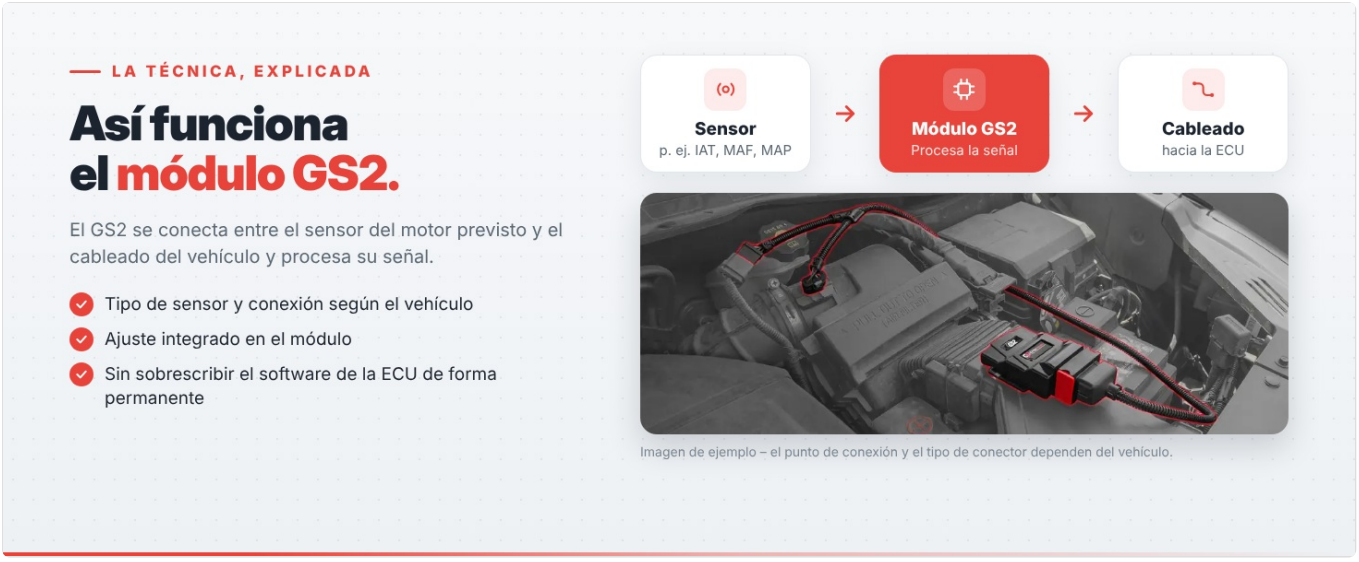

Image 5.5: How the GS2 module integrates into the vehicle's system.

1. **Prepare the Vehicle:** Turn off the engine and ignition. Locate the specific sensor (e.g., IAT, MAF, MAP) as indicated in your online instructions.
2. **Connect the Module:** Disconnect the original sensor connector. Intercept the wiring by connecting the GS2 module's harness between the sensor and the vehicle's original wiring. Ensure connections are secure.
3. **Secure the Module:** Mount the GS2 module in a safe location away from hot or moving parts using the provided cable ties. Ensure the wiring is not pinched or strained.



Image 5.6: Example of connecting the GS2 module's harness.

5.5. Post-Installation

After installation, start the engine and check for any warning lights. If any issues arise, refer to the troubleshooting section or contact support.

6. Operating Instructions

The ChipPower GS2 module operates automatically once installed. It continuously optimizes engine signals for enhanced performance. The module features an integrated adjustment screw, allowing you to fine-tune its behavior to your preferences without needing software or a laptop.



Image 6.1: The mechanical adjustment screw on the GS2 module for personalized tuning.

Adjustment: Use a small screwdriver to carefully turn the adjustment screw. Make small adjustments and test the vehicle's performance to find your desired setting. The adjustment can be modified at any time.

7. Maintenance

The ChipPower GS2 module is designed to be maintenance-free. Periodically check the connections to ensure they remain secure and free from corrosion or damage. Keep the module clean and dry. Do not attempt to open the module casing, as this will void any potential warranty.

8. Troubleshooting

If you experience any issues after installing the ChipPower GS2 module, consider the following:

- **Check Connections:** Ensure all connectors are fully seated and secure. Loose connections are a common cause of issues.
- **Verify Compatibility:** Double-check that the module is indeed compatible with your exact vehicle model, engine, and year.
- **Revert to Stock:** If problems persist, disconnect the GS2 module and reconnect the original sensor wiring. If the vehicle operates normally, the issue may be related to the module or its installation.
- **Consult Online Instructions:** Review the detailed online installation guide for any specific troubleshooting steps or common issues related to your vehicle model.
- **Contact Support:** If you cannot resolve the issue, contact ChipPower customer support for assistance.

9. Specifications

Feature	Detail
Model Number	GS2
Manufacturer	ChipPower
Compatibility	Renault Megane III 1.2 TCe 116 CV (85 kW) 2008-2016
Engine Type	Petrol (Gasoline)

Installation Time	Approx. 5-15 minutes
Certifications	CE, UKCA, RoHS
Origin	Poland

10. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the time of purchase or visit the official ChipPower website. For technical support, installation assistance, or any other inquiries, please contact ChipPower customer service through their official channels or visit their Amazon store page: ChipPower Amazon Store.

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