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ChipPower CS1 260000220

ChipPower CS1 Tuning Box Instruction Manual

Model: CS1 260000220 | Brand: ChipPower

1. Introduction

The ChipPower CS1 Tuning Box is designed to optimize engine performance for compatible vehicles. This device enhances engine torque by up to 15% - 20% and can improve fuel efficiency by 10% - 15%. It also aims to reduce turbo lag and improve acceleration response. The CS1 Tuning Box operates within the manufacturer's established capacity limits, ensuring engine protection and maintaining vehicle warranty.

2. Package Contents

Please verify that all items listed below are included in your package:

- ChipPower CS1 Tuning Box (in original packaging with protective cover)
- Wiring harness with quick connectors, adapted for your specific vehicle
- Installation and operation instructions
- 4 cable ties



Image: Contents of the ChipPower CS1 Tuning Box package, showing the tuning module, connecting cables, cable ties, and documentation.

3. Compatibility

The ChipPower CS1 Tuning Box is compatible with the following vehicle model:

- **BMW 3 Series E36 318i, 318is, 318ti 1.8** (103 kW / 140 CV) manufactured between 1990 and 2000.

This device is designed to work with all types of gearboxes (manual and automatic) and is compatible with both key and keyless start systems.



Image: Compatibility with different gearbox types.

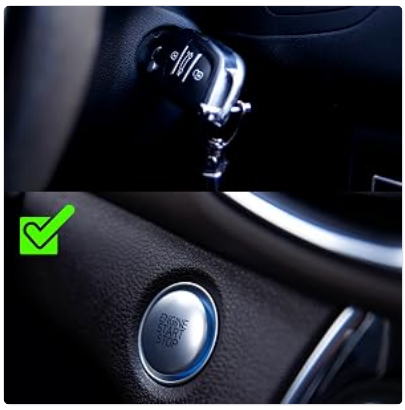

Image: Compatibility with key and keyless start systems.

4. Setup and Installation

4.1. Pre-Installation Checks

- Ensure the vehicle's engine is turned off and cool before beginning installation.
- Read all instructions thoroughly before proceeding.
- No specialized tools are required for installation, thanks to the quick connectors.

4.2. Installation Steps

The ChipPower CS1 Tuning Box features quick connectors for straightforward installation. Follow these steps:

1. Locate the appropriate sensor connection point in your vehicle's engine bay. Refer to the specific installation instructions provided in your kit for exact location.
2. Disconnect the original sensor connector.
3. Connect the ChipPower CS1 wiring harness in-line with the sensor. The quick connectors are designed to fit securely. Ensure a firm 'click' sound to confirm proper connection.
4. Mount the ChipPower CS1 Tuning Box in a secure location within the engine bay, away from excessive heat or moving parts, using the provided cable ties.
5. Double-check all connections to ensure they are secure.



Image: Connecting the tuning box to the wiring harness.



Image: Quick connection cable detail.



Image: Visual guide for connection steps.

4.3. Adjusting the ChipPower CS1

The ChipPower CS1 features a total potential regulation. To adjust the performance settings, use a small screwdriver to turn the adjustment screw located on the device. This allows for fine-tuning to your preference. Only ChipPower CS1 models offer this unique adjustment capability.



Image: Adjusting the ChipPower CS1 with a screwdriver.

5. Operation

Once installed, the ChipPower CS1 Tuning Box begins optimizing engine parameters. The device typically reaches its maximum performance potential after approximately 200 kilometers of driving. During this period, the chip adapts to your driving style and engine characteristics for optimal results.

6. Maintenance

The ChipPower CS1 Tuning Box requires minimal maintenance. Ensure the device and its connections remain clean and free from debris. Periodically check that all connections are secure. Avoid exposing the device to extreme temperatures or harsh chemicals.

7. Troubleshooting

If you experience any issues after installation, consider the following:

- **No noticeable performance change:** Ensure all connections are firmly seated. Allow the device to adapt over approximately 200 kilometers of driving.
- **Engine warning light:** Double-check all connections. If the light persists, remove the tuning box and revert to factory settings. Contact customer support if the issue continues.
- **Difficulty with installation:** Refer to the detailed installation instructions provided in your kit. If problems persist, contact

ChipPower customer support for assistance.

8. Specifications

Feature	Specification
Manufacturer	ChipPower
Model Number	260000220
Item Weight	72 g
Package Dimensions	26 x 17.2 x 7 cm
Product Dimensions (approx.)	110 mm (Height) x 70 mm (Width) x 37 mm (Depth)



Image: Dimensions of the ChipPower CS1 Tuning Box and its cable.

9. Safety Information

The ChipPower CS1 Tuning Box is designed with engine protection features. It operates within the safety parameters established by the vehicle manufacturer. Installation of this chip does not void the vehicle's warranty. Upon removal of the chip, the vehicle's factory settings are automatically restored. Always ensure the engine is off and cool before handling the device or its connections.

10. Warranty and Support

ChipPower is a European manufacturer specializing in tuning products. Your purchase includes access to our customer support service. For any questions regarding installation, operation, or troubleshooting, please refer to the contact information provided in your product packaging or on the official ChipPower website. The product is subject to a 30-day return policy from the date of purchase.

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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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