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ChipPower 200010272

ChipPower CRS Chip Tuning Box User Manual

Model: 200010272

1. Introduction

The ChipPower CRS Chip Tuning Box is an advanced electronic module designed to optimize the performance of your vehicle's engine. This device enhances engine power and torque, improves fuel efficiency, and reduces turbo lag. It is compatible with Diesel Particulate Filters (DPF) and various transmission types, including vehicles with keyless start systems. This manual provides detailed instructions for installation, operation, and maintenance of your ChipPower CRS tuning box.



Image: The ChipPower CRS Chip Tuning Box, a compact black electronic module with the ChipPower logo.



Image: The ChipPower CRS Chip Tuning Box held in a hand, illustrating its compact size.

2. Package Contents

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

- ChipPower CRS Chip Tuning Box
- Vehicle-specific connection cable
- User Manual (available in 12 languages)
- Cable ties for secure installation



Image: Contents of the ChipPower CRS package, including the tuning box, cable, manual, and cable ties.

3. Specifications

The ChipPower CRS Chip Tuning Box is designed for the following vehicle model:

- **Vehicle:** BMW 1 Series E87 E81 E88 E82
- **Engine:** 118d
- **Power:** 90 kW (122 CV)
- **Model Years:** 2003-2013

The device is pre-configured for immediate use. For optimal performance, the chip is individually tuned to your specific engine parameters. Please ensure your vehicle details match the product specifications.



Image: Technical drawing showing the dimensions of the ChipPower CRS tuning box and its cable.

4. Setup and Installation

Installation of the ChipPower CRS tuning box is designed to be quick and straightforward, typically taking 5 to 10 minutes. Follow these steps carefully:

1. **Preparation:** Ensure your vehicle's engine is turned off and the ignition is completely switched off. It is recommended to wait a few minutes after turning off the engine to allow all electronic systems to power down.
2. **Locate Connection Points:** Refer to your vehicle's engine bay diagram or the specific instructions provided in the multi-language manual to identify the correct sensor connection points for the tuning box. The CRS system typically connects to the Common Rail Pressure Sensor.
3. **Connect the Cable:** Disconnect the original connector from the designated sensor. Connect the vehicle-specific cable from the ChipPower CRS tuning box to both the sensor and the original vehicle harness. The connectors are designed for a precise fit (Plug & Drive). Ensure a firm 'click' sound to confirm proper connection.
4. **Secure the Tuning Box:** Find a suitable, secure location in the engine bay away from excessive heat, moisture, and moving parts. Use the provided cable ties to firmly secure the ChipPower CRS tuning box and its cables, preventing any loose connections or interference.
5. **Final Check:** Double-check all connections to ensure they are secure. Start the engine and verify proper operation.

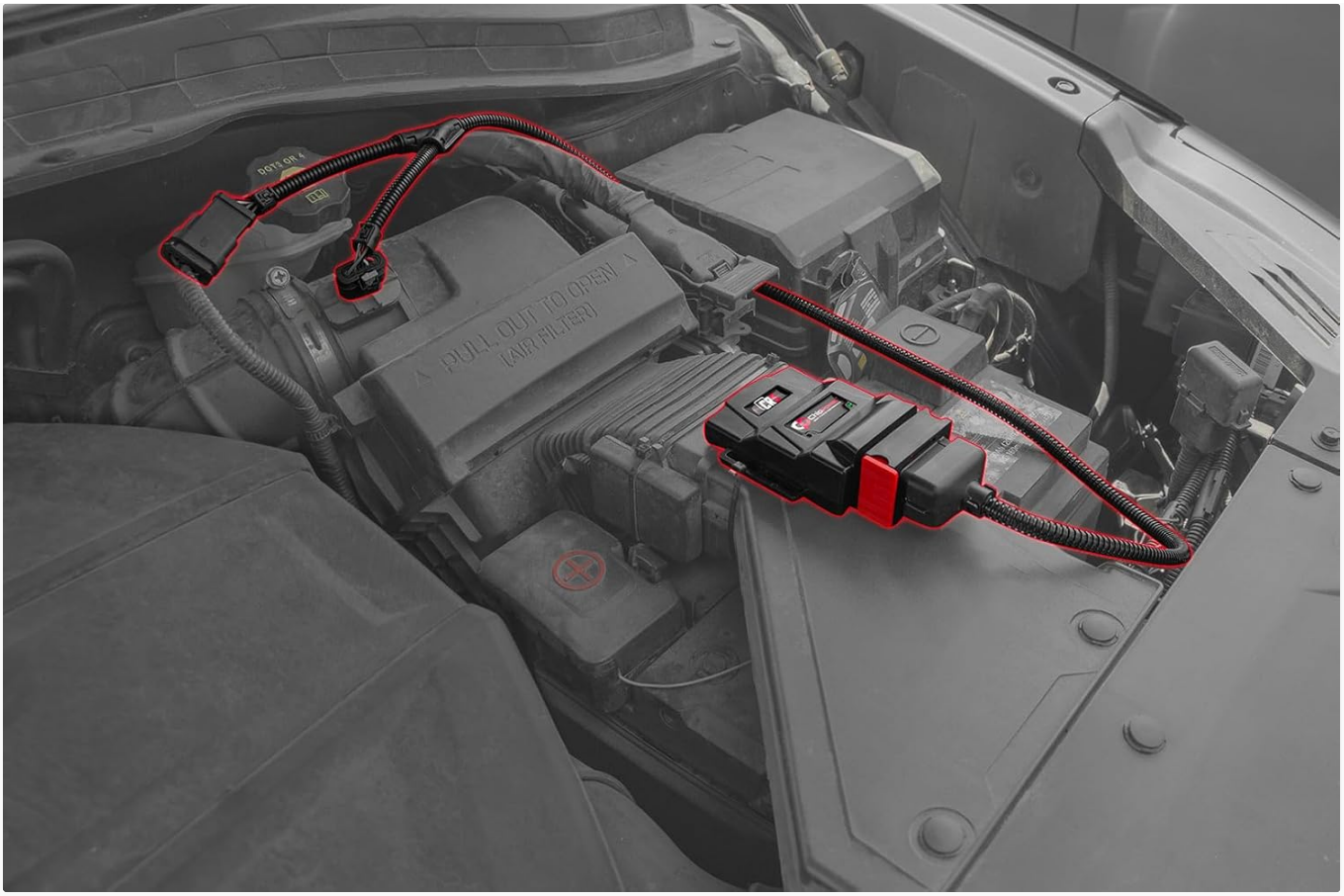


Image: An overview of the ChipPower CRS tuning box installed in an engine bay, showing the cable routing.











Image: A sequence of images demonstrating how to connect the tuning box cable, emphasizing the 'click' for secure connection.



Image: Four detailed close-up images illustrating the specific connection points and process for installing the ChipPower CRS tuning box.

5. Operating Instructions

Once installed, the ChipPower CRS tuning box operates automatically. It is designed to optimize engine parameters in real-time, providing increased power and torque, improved acceleration, and better fuel economy.

Adjusting Performance Settings

The ChipPower CRS tuning box features an adjustment screw that allows for fine-tuning of performance levels. This screw is typically located on the side of the unit, often beneath a protective cap.

- **Increasing Performance:** Turn the screw clockwise (+) to increase the tuning effect, resulting in more power and torque.
- **Decreasing Performance:** Turn the screw counter-clockwise (-) to decrease the tuning effect, reducing power output.

Make small adjustments and test the vehicle's performance to find the optimal setting for your driving style and conditions. Avoid extreme adjustments without proper understanding of their effects.



Image: A close-up view of the adjustment screw on the ChipPower CRS tuning box, indicating the direction for increasing or decreasing performance.



Image: The ChipPower CRS tuning box with icons highlighting its key features: increased power and torque, elimination of turbo lag, easy installation, and fuel saving.

6. Maintenance

The ChipPower CRS Chip Tuning Box is designed to be maintenance-free. However, regular checks are recommended:

- Periodically inspect the connections to ensure they remain secure and free from corrosion or damage.
- Keep the unit clean and free from excessive dust or debris.
- Ensure the unit is not exposed to extreme temperatures or direct water spray.

If the device needs to be removed (e.g., for vehicle servicing), simply disconnect the tuning box and reconnect the original sensor harness. The vehicle will revert to its factory settings.

7. Troubleshooting

If you experience any issues after installing the ChipPower CRS tuning box, consider the following:

Problem	Possible Cause	Solution
No noticeable performance change.	Incorrect installation; adjustment screw set too low.	Re-check all connections. Adjust the tuning screw clockwise slightly.
Engine warning light illuminates.	Loose connection; tuning setting too high for the engine.	Check connections. Reduce the tuning setting by turning the screw counter-clockwise. If the light persists, remove the tuning box and consult a mechanic.
Rough idling or unusual engine behavior.	Tuning setting is too aggressive.	Reduce the tuning setting. Ensure the device is correctly installed for your specific vehicle model.

If troubleshooting steps do not resolve the issue, please contact ChipPower customer support.

8. Warranty and Support

ChipPower products are manufactured to high standards. Our tuning boxes include an engine protection function to ensure the safety of your vehicle. Installation of this device does not void your vehicle's warranty. If the device is removed, your car will return to its original factory settings.
As a European producer specializing in auto tuning for many years, ChipPower is committed to customer satisfaction. For any questions, technical assistance, or warranty claims, please contact our customer service. You can find contact information on our official website or through your purchase platform.
Return Policy: This product is typically eligible for returns within 30 days of purchase for a refund or replacement, subject to the retailer's terms and conditions.

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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.

Submit question

Answered questions about this manual

Where can I find the fitting instructions for the ChipPower CRS KCR19 tuning box for a Great Wall Steed?

Installation for the ChipPower CRS Chip Tuning Box is designed to be a "Plug & Drive" process that typically takes 5 to 10 minutes. While specific engine bay layouts vary by vehicle model (such...

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