

Geko G02190

Geko G02190 Engine Support Instruction Manual

Model: G02190

1. INTRODUCTION

The Geko G02190 Engine Support is a robust and reliable tool designed to safely support vehicle engines during maintenance, repair, or removal. This manual provides essential information for the correct assembly, safe operation, and proper maintenance of your engine support. Please read this manual thoroughly before use to ensure safety and optimal performance.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when operating this equipment.
- Ensure the engine support is placed on a stable, level, and non-slip surface.
- Verify that all components are securely assembled and tightened before applying load.
- Do not exceed the maximum weight capacity of the engine support. Refer to the specifications section.
- Distribute the engine weight evenly across the support points to prevent imbalance.
- Keep hands and clothing clear of moving parts and pinch points.
- Never work under an engine supported solely by this device without additional safety stands.
- Inspect the engine support for damage, wear, or loose components before each use. Do not use if damaged.
- Keep children and unauthorized personnel away from the work area.

3. PACKAGE CONTENTS

Carefully unpack all components and verify that all items are present and undamaged. If any parts are missing or damaged, contact your supplier immediately.

- Main Support Beam (blue)

- Adjustable Support Legs/Brackets (black)
- Adjustable Threaded Rods with Handles
- Engine Hooks with Chains
- Mounting Hardware (nuts, bolts, washers)



Image 3.1: All components of the Geko G02190 Engine Support laid out, including the blue main beam, black support legs, adjustable threaded rods, and chains with hooks.

4. SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your Geko G02190 Engine Support:

1. **Attach Support Legs:** Secure the black adjustable support legs to the ends of the main blue support beam using the provided bolts and nuts. Ensure they are tightened firmly.
2. **Insert Threaded Rods:** Insert the adjustable threaded rods through the designated holes in the main support beam. Secure them with the washers and nuts, allowing for vertical adjustment.
3. **Attach Engine Hooks:** Connect the engine hooks with chains to the bottom of the threaded rods. Ensure the connection is secure and the chains hang freely.



Image 4.1: Close-up view of the assembled Geko G02190 Engine Support, showing the blue beam, black support legs, and the adjustable threaded rods with chains and hooks attached.



Image 4.2: Detail of the threaded rod adjustment mechanism on the Geko G02190 Engine Support, showing the handle for height adjustment.



5. OPERATING INSTRUCTIONS

Use the Geko G02190 Engine Support safely and effectively by following these steps:

1. **Position Vehicle:** Park the vehicle on a level surface and engage the parking brake. If necessary, lift the vehicle and secure it with jack stands.
2. **Place Support:** Position the assembled engine support across the vehicle's fender wells or other suitable strong points. Ensure the support legs are stable and the beam is level.
3. **Connect to Engine:** Carefully attach the engine hooks and chains to secure lifting points on the engine. Ensure the hooks are fully engaged and the chains are not twisted.
4. **Adjust Height:** Use the handles on the threaded rods to slowly raise or lower the engine until the desired support or tension is achieved. Ensure the engine remains stable throughout the adjustment.
5. **Verify Stability:** Before performing any work, gently test the engine's stability to confirm it is securely supported and will not shift unexpectedly.
6. **Lowering Engine:** To lower the engine, slowly turn the handles on the threaded rods to release tension. Once the engine is fully supported by its mounts or other equipment, disconnect the hooks and remove the engine support.



Image 5.1: The Geko G02190 Engine Support fully assembled and ready for use, showing its overall structure.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Geko G02190 Engine Support:

- **Cleaning:** After each use, clean the support beam, rods, and chains to remove dirt, grease, and debris. Use a mild detergent and water, then dry thoroughly.
- **Inspection:** Periodically inspect all components for signs of wear, corrosion, cracks, bends, or other damage. Pay close attention to the threaded rods, chains, and hooks.
- **Lubrication:** Apply a light coat of general-purpose grease or oil to the threaded rods and adjustment mechanisms to ensure smooth operation and prevent rust.
- **Storage:** Store the engine support in a dry, clean environment away from direct sunlight and extreme temperatures.
- **Damaged Parts:** Do not use the engine support if any part is damaged or excessively worn. Replace damaged components with genuine Geko replacement parts only.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with the Geko G02190 Engine Support.

Problem	Possible Cause	Solution
Engine support feels unstable.	Uneven surface; loose connections; improper load distribution.	Ensure the vehicle and support are on a level surface. Check all bolts and nuts for tightness. Redistribute engine weight evenly.
Difficulty adjusting threaded rods.	Lack of lubrication; dirt/debris in threads; excessive load.	Clean and lubricate threaded rods. Reduce load slightly if possible. Inspect for thread damage.
Chains or hooks show signs of wear.	Normal wear and tear; overloading.	Inspect regularly. Replace worn or damaged chains/hooks immediately. Do not exceed weight capacity.

8. SPECIFICATIONS

Feature	Specification
Model Number	G02190
Manufacturer	Firma Handlowa GEKO
Product Dimensions (Package)	35 x 35 x 15 cm
Item Weight	16.12 Kilograms
Color	Multicolore (Blue/Silver/Black)
Number of Items in Package	1
Batteries Required	No
Country of Origin	Poland

9. WARRANTY INFORMATION

Specific warranty details for the Geko G02190 Engine Support may vary by region and retailer. Please refer to the

warranty card included with your purchase or contact your point of sale for detailed information regarding warranty coverage and terms.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to order replacement parts for your Geko G02190 Engine Support, please contact the manufacturer or your authorized dealer. Keep your model number (G02190) and purchase date ready when contacting support.

For general inquiries, you may visit the official Geko website or refer to the contact information provided on your product packaging.