

maXpeedingrods HQ99CD

maXpeedingrods Engine Lift Kit User Manual

Model: HQ99CD

INTRODUCTION

This manual provides essential information for the safe and effective use of your maXpeedingrods Engine Lift Kit. Designed for broad compatibility and heavy-duty lifting, this kit features a 1200 lb capacity, adjustable nylon straps, and a 4-point fixation system. Please read all instructions carefully before assembly and operation to ensure proper function and safety.

PRODUCT FEATURES

- **Wide Fit:** Designed for broad compatibility, fitting various engine sizes and types, built for stable four-point stabilization lifting.
- **Heavy-Duty Material:** Constructed from sturdy steel and nylon, the lift plate and straps ensure durability, strength, and stability during engine lifting.
- **Adjustable Straps:** Features nylon lifting straps with adjustable lengths from 38 inches to 50 inches, along with steel end plates, allowing for a customized fit for most engines and induction setups.
- **High Load Capacity:** Capable of supporting engines up to 1,200 pounds, ideal for heavy engines such as assembled racing engines.

SETUP AND ASSEMBLY

The maXpeedingrods Engine Lift Kit is designed for straightforward assembly and attachment. Follow these steps for proper setup:

1. **Inspect Components:** Before assembly, ensure all components are present and free from damage. The kit includes the main lift bracket, two adjustable nylon straps, and associated hardware (bolts, nuts).
2. **Attach Straps to Bracket:** Securely attach the nylon straps to the main lift bracket using the provided bolts and nuts. Ensure the bolts are tightened firmly to prevent any movement during lifting. The bracket and strap ends are powder coated for enhanced durability and corrosion resistance.







Image: The main components of the maXpeedingrods Engine Lift Kit, showing the triangular lift bracket and the two adjustable nylon straps attached.

- 3. Adjust Strap Length:** The nylon straps are adjustable from 38 inches to 50 inches. Adjust the length to accommodate your specific engine size and configuration, including clearance for air boxes or other components. This flexibility allows for a wider and higher space for engine work.



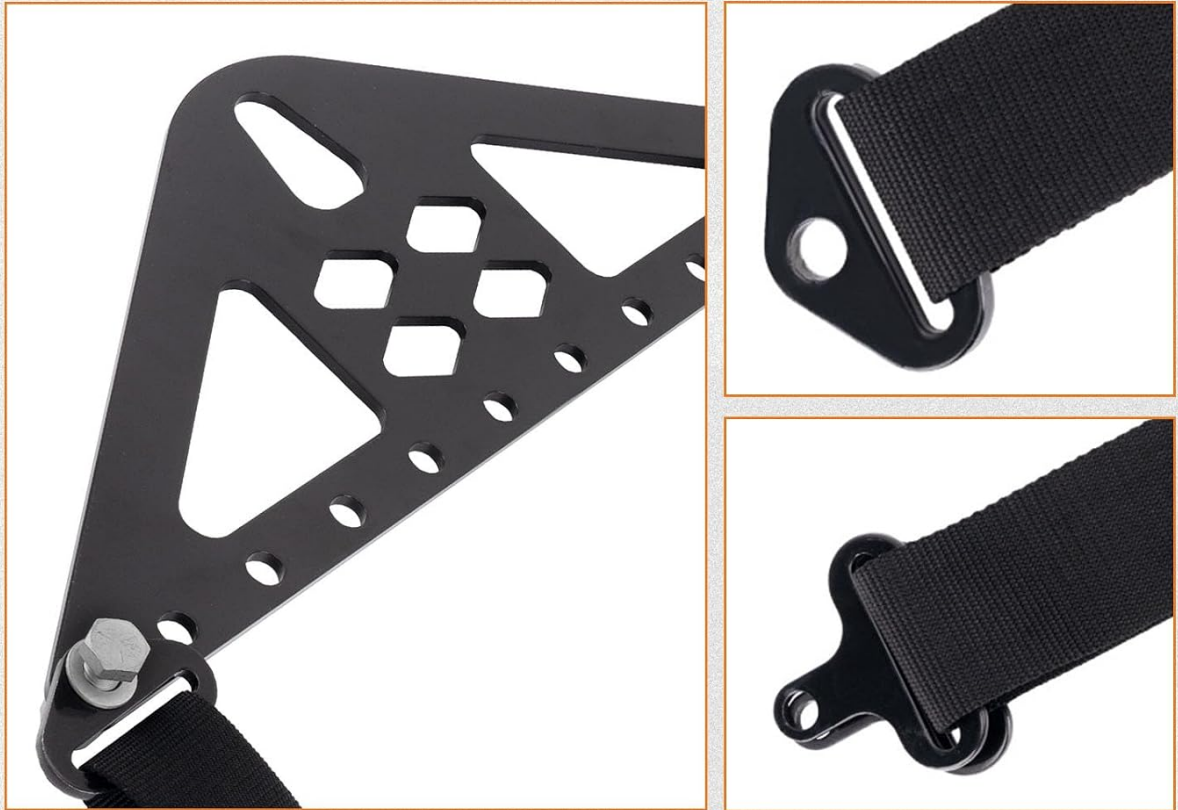
Image: Diagram illustrating the adjustable length of the straps (38\" to 50\") to provide wider and higher clearance for engine components like an air box.

- 4. Secure to Engine:** The strap ends feature 3/8\" mounting holes designed to attach via exhaust studs or bolts on the engine. Utilize the 12 selectable mounting points on the main bracket for flexible and precise engine positioning, ensuring a stable 4-point fixation.



Strap ends feature 3/8" mounting holes to attach via exhaust studs/bolts

Image: Close-up view of the strap ends, highlighting the 3/8" mounting holes for attachment to engine studs or bolts.



Powder coated lift 1/4" bracket and strap ends
for enhanced durability and corrosion resistance

Image: Detailed view showing the powder-coated finish on the lift bracket and strap ends, indicating enhanced durability and corrosion resistance.

Versatile Design



Selectable
mounting points



Selectable
mounting points

Image: Illustration of the versatile design, showing the main bracket and straps with multiple selectable mounting points for flexible engine positioning.

OPERATING INSTRUCTIONS

When operating the engine lift kit, always prioritize safety and adhere to the following guidelines:

- **Verify Load Capacity:** Ensure the engine and any attached components do not exceed the kit's maximum load capacity of 1,200 pounds. Overloading can lead to equipment failure and serious injury.

Large Capacity for Most Engines

1200lbs

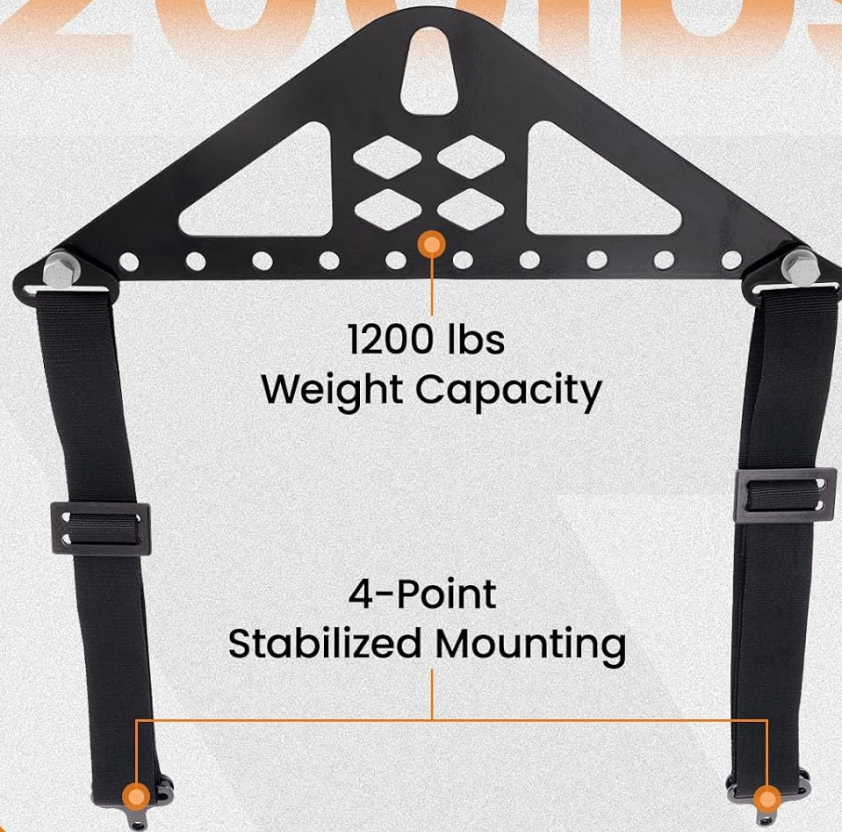


Image: Graphic highlighting the 1200 lbs weight capacity and the 4-point stabilized mounting feature of the engine lift kit.

- **Secure Attachment:** Double-check that all four attachment points on the engine are securely fastened to the straps and that the straps are properly adjusted and locked in place.
- **Balanced Lift:** When lifting, ensure the engine is balanced to prevent tilting or swinging. Adjust strap lengths as needed to achieve a level lift.
- **Slow and Controlled Movement:** Lift and lower the engine slowly and with controlled movements. Avoid sudden jerks or rapid changes in height.
- **Clear Work Area:** Always maintain a clear work area around the engine and lifting equipment to prevent accidents.

MAINTENANCE

Regular maintenance will extend the life and ensure the safe operation of your engine lift kit:

- **Cleanliness:** After each use, wipe down the steel bracket and nylon straps to remove any oil, grease, or dirt.
- **Inspect for Wear:** Periodically inspect the nylon straps for fraying, cuts, or excessive wear. Check the steel bracket for any signs of bending, cracks, or corrosion.

- **Hardware Check:** Ensure all bolts and nuts remain tight. Re-tighten if necessary.
- **Storage:** Store the lift kit in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.

TROUBLESHOOTING

If you encounter issues with your engine lift kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Engine not lifting evenly.	Uneven strap length or unbalanced attachment points.	Adjust strap lengths to ensure the engine is level before lifting. Re-evaluate attachment points for balance.
Straps slipping or not holding.	Improperly secured buckles or worn straps.	Ensure buckles are fully engaged and straps are taut. Inspect straps for damage; replace if worn.
Difficulty attaching to engine.	Incorrect mounting hole size or inaccessible studs.	Verify engine studs/bolts match 3/8" mounting holes. Consider alternative attachment points if available, or consult a professional.

SPECIFICATIONS

Attribute	Detail
Brand	maXpeedingrods
Model Number	HQ99CD
Item Weight	7.05 pounds
Product Dimensions	27.05 x 8.15 x 5.47 inches
Load Capacity	1,200 pounds
Strap Adjustment Range	38 inches to 50 inches
Material	Steel and Nylon

WARRANTY AND SUPPORT

Warranty: maXpeedingrods warrants its products against manufacturing defects in materials and workmanship for 1 year from the date of purchase.

Customer Service: For technical support, customer service, or warranty claims, please contact maXpeedingrods directly. They provide unlimited technical support and customer service. You can visit their official store page for contact information: [maXpeedingrods Store](#).

ASK A QUESTION ABOUT THIS MANUAL

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