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› Waverspeed 2-Inch ATV Lift Kit Installation Manual for Honda Rancher 420, Foreman 500, and Rubicon 500

Waverspeed MN80

Waverspeed 2-Inch ATV Lift Kit Installation Manual

For Honda Rancher 420, Foreman 500, and Rubicon 500

1. PRODUCT OVERVIEW

The Waverspeed 2-inch ATV Lift Kit is designed to increase the ground clearance of your ATV, enhancing its capability for rough trails and rocky terrains. This kit provides a 2-inch lift to both the front and rear of the vehicle, allowing for the fitment of larger, more aggressive tires up to 28 inches. The components are constructed from premium alloy steel, laser-cut for precision and direct fitment.



Image 1.1: Complete Waverspeed 2-inch ATV Lift Kit components.

Compatibility

This lift kit is specifically designed for the following Honda ATV models with a Solid Rear Axle (SRA):

- Honda Rancher 420 TRX420 SRA (2014-2025)
- Honda Foreman 500 TRX500 SRA (2014-2025)
- Honda Rubicon 500 EPS 4x4 Auto (2011)

Note: This kit is NOT compatible with Honda Foreman Rubicon 500 models from 2014-2018.

COMPATIBILITY



Make	Year	Model
For Honda	2014-2018	Rancher 420
For Honda	2014-2018	Foreman 500
For Honda	2011	Foreman Rubicon 500

***Not fit for Honda Foreman Rubicon 500 2014-2018**

Image 1.2: Visual compatibility chart for the lift kit.

2. PACKAGE CONTENTS

Please verify that all components listed below are present and undamaged before beginning installation.

- Lift Brackets (various shapes for front and rear)
- Mounting Hardware (bolts, nuts, washers, spacers)

PACKAGE CONTENTS



Lift Brackets



Hardware

Image 2.1: Detailed view of the lift kit components and hardware.

3. SAFETY INFORMATION

Always prioritize safety during installation and operation. Failure to follow safety guidelines may result in injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the ATV is on a flat, stable surface and properly secured with wheel chocks before lifting.
- Use appropriate lifting equipment, such as a hydraulic jack and jack stands, to safely support the vehicle. Never work under an ATV supported only by a jack.
- Disconnect the battery before starting any electrical work, though this kit does not involve electrical components.
- Do not modify any components of the lift kit.

- After installation, perform a thorough inspection of all fasteners and connections.
- Test drive the ATV at low speeds in a safe area to ensure proper handling and braking before regular use.

4. INSTALLATION INSTRUCTIONS

This lift kit is designed for a bolt-on installation, typically taking 1-2 hours. No cutting or welding is required. While specific step-by-step instructions are not provided with the physical product, the general procedure for installing a bolt-on ATV lift kit involves the following:

1. **Prepare the ATV:** Park the ATV on a level surface. Engage the parking brake and chock the wheels.
2. **Lift the ATV:** Safely lift the front of the ATV using a jack and secure it with jack stands. Repeat for the rear axle. Ensure the suspension is fully extended.
3. **Locate Mounting Points:** Identify the existing shock mounting points on your ATV's suspension. The lift brackets will typically extend these points.
4. **Install Front Brackets:** Attach the front lift brackets to the existing shock mounts using the provided hardware. Ensure all bolts are tightened to the manufacturer's specifications (refer to your ATV's service manual for torque values if available).
5. **Install Rear Brackets:** Attach the rear lift brackets to the existing shock mounts using the provided hardware. Again, ensure all bolts are securely tightened.
6. **Lower the ATV:** Carefully lower the ATV off the jack stands.
7. **Final Inspection:** Double-check all installed hardware for tightness. Ensure there is no interference with other suspension components, brake lines, or wiring.
8. **Alignment Check:** After installing a lift kit, it is highly recommended to have your ATV's alignment checked and adjusted by a qualified technician to prevent premature tire wear and ensure proper handling.

2" FRONT & 2" REAR LIFT

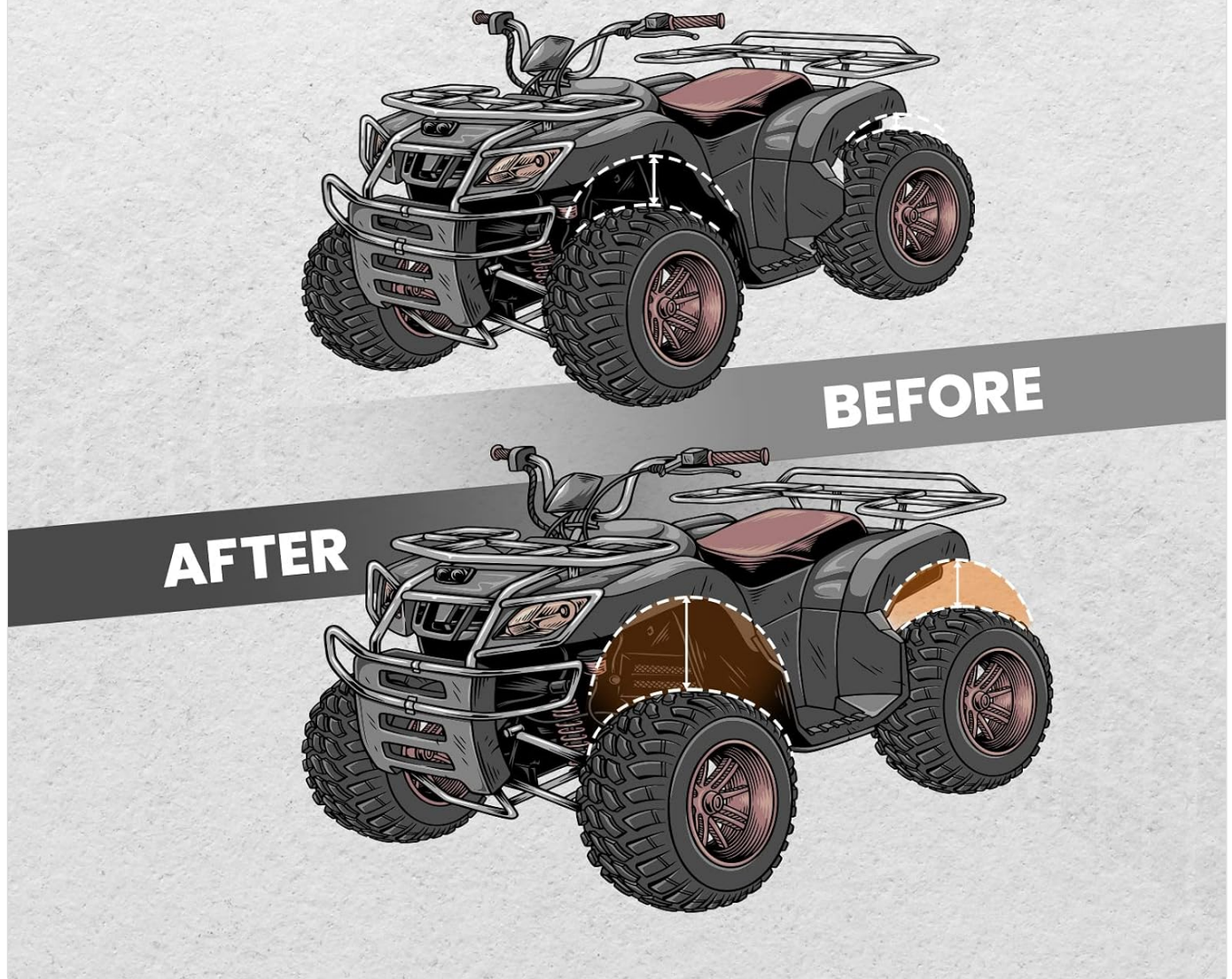
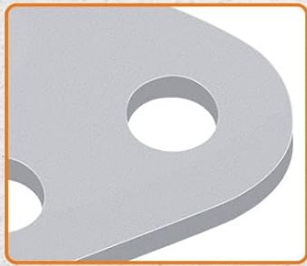
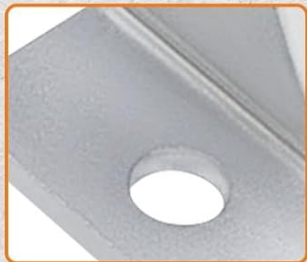


Image 4.1: Visual representation of an ATV before and after the 2-inch lift kit installation.

ATV LIFT KIT



Fit 28" Tires



Add Ground Clearance



Precise CNC Machined

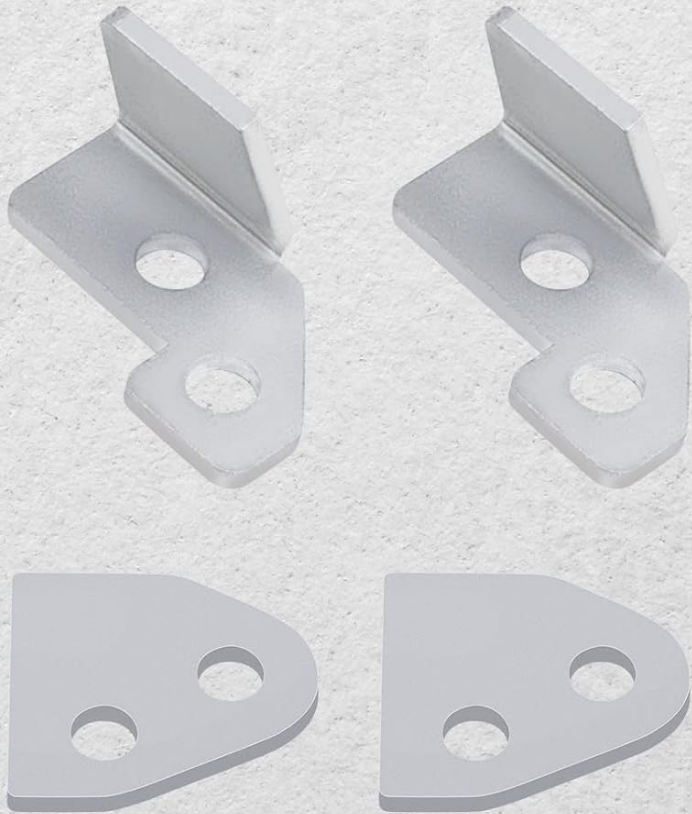


Image 4.2: Features of the lift kit brackets, including CNC machining for precision.

Installation Video Guide

Your browser does not support the video tag.

Video 4.3: An official product video demonstrating the components and potentially the installation process for a similar 2-inch full lift bracket kit for Honda Foreman models. This video provides a visual aid for understanding the product and its application.

5. OPERATING GUIDELINES

After installing the lift kit, be aware of changes in your ATV's handling characteristics.

- The center of gravity will be higher, which may affect stability, especially during sharp turns or on uneven terrain.

- Exercise caution and adjust your riding style to account for the increased height and potentially larger tires.
- Always adhere to your ATV manufacturer's operating guidelines and safety recommendations.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your lift kit.

- Periodically inspect all bolts and nuts for tightness. Re-torque as necessary, especially after initial use.
- Check the lift brackets for any signs of wear, corrosion, or damage. Replace any compromised components immediately.
- Keep the components clean from dirt, mud, and corrosive materials.

7. TROUBLESHOOTING

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

- **Unusual Noises:** Check all fasteners for proper torque. Ensure no components are rubbing against each other.
- **Uneven Lift:** Verify that the correct brackets are installed in the correct positions (front vs. rear) and that all components are seated properly.
- **Poor Handling:** This could be due to incorrect installation, loose components, or an unaligned suspension. Re-check installation and consider professional alignment.

For further assistance, please contact Waverspeed customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Waverspeed
Model Number	MN80
Auto Part Position	Front, Rear
Material	Alloy Steel
Maximum Lifting Height	2 Inches
Item Weight	3.17 pounds
Product Dimensions	15.12 x 7.36 x 3.7 inches

Feature	Specification
Automotive Fit Type	Vehicle Specific Fit

9. WARRANTY AND SUPPORT

For any questions regarding installation, compatibility, or product performance, please contact Waverspeed customer support. While specific warranty details are not provided in this document, please refer to your purchase documentation or the Waverspeed official website for warranty information.

Contact Information:

- Please refer to the seller's contact information on the platform where the product was purchased.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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