

[Manuals.plus](#) /

› [NEEWER](#) /

› NEEWER GA022 Hydraulic Boom Arm with Vacuum Suction Cup User Manual

NEEWER GA022

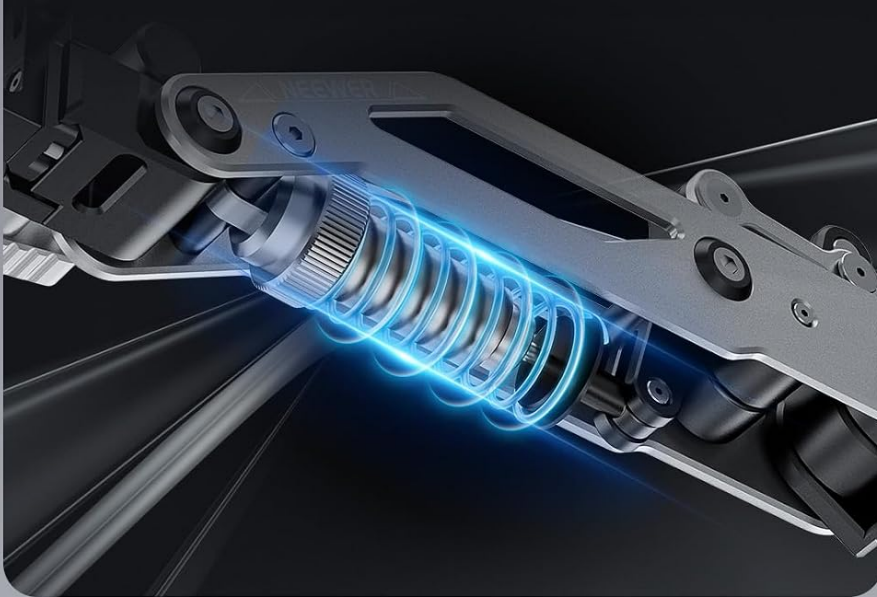
NEEWER GA022 Hydraulic Boom Arm with Vacuum Suction Cup User Manual

Model: GA022

INTRODUCTION

Thank you for choosing the NEEWER GA022 Hydraulic Boom Arm with Vacuum Suction Cup. This product is designed to provide a stable and flexible mounting solution for action cameras and mobile phones on smooth surfaces, such as car hoods and windshields. Featuring a secure vacuum suction cup, a flexible hydraulic articulated arm, and quick-release NATO connections, the GA022 allows for precise positioning and robust support for your recording equipment. Please read this manual thoroughly before use to ensure proper operation and longevity of your device.

Absorción de Impactos Hidráulicos



Contrapeso de Acero Ajustable



Resortes Amortiguadores

Conexión NATO de Liberación Rápida



360° Base Panorámica



Image: An overview of the NEEWER GA022 Hydraulic Boom Arm and Vacuum Suction Cup assembly, mounted on a vehicle, showcasing its intended use.

PACKAGE CONTENTS

- 1 x Hydraulic Articulated Arm
- 1 x Vacuum Suction Cup

Contenido del Paquete



1 x Brazo Articulado



1 x Ventosa

Tipo de artículo: Soporte para cámara de acción

Material principal: Aleación de aluminio

Compatibilidad: Para Hero 13 12/Pocket 3/X3 X4

Capacidad de carga: 18oz/500g

Características principales: Brazo hidráulico

Dimensiones: 15cm (Ventosa), 37cm (Brazo)

Puntos de montaje: NATO, 1/4", 3/8"

Peso: 42 oz/1,2 kg

Image: The package includes one hydraulic articulated arm and one vacuum suction cup.

SETUP INSTRUCTIONS

- 1. Prepare the Mounting Surface:** Ensure the surface where the vacuum suction cup will be attached is clean, dry, and smooth. Remove any dust, dirt, or moisture to maximize suction.
- 2. Attach the Vacuum Suction Cup:**
 - Place the vacuum suction cup firmly onto the prepared surface.
 - Press the suction cup down and use the pump mechanism to create a vacuum seal. Continue pumping until the red indicator line is no longer visible, indicating a secure seal.

Ventosa de Vacío

Fijación segura a superficies lisas



Succión al Vacío



Bomba para
Conectar



Apretar para
Quitar



Image: Visual guide demonstrating how to securely attach the vacuum suction cup to a smooth surface, including pressing down, pumping to create suction, and the indicator for a secure seal.

3. Mount the Hydraulic Boom Arm:

- The hydraulic boom arm attaches to the suction cup via a NATO clamp. Align the NATO rail on the suction cup with the NATO clamp on the arm.
- Secure the NATO clamp by tightening its locking mechanism. Ensure it is firmly attached.

Detalles del Producto

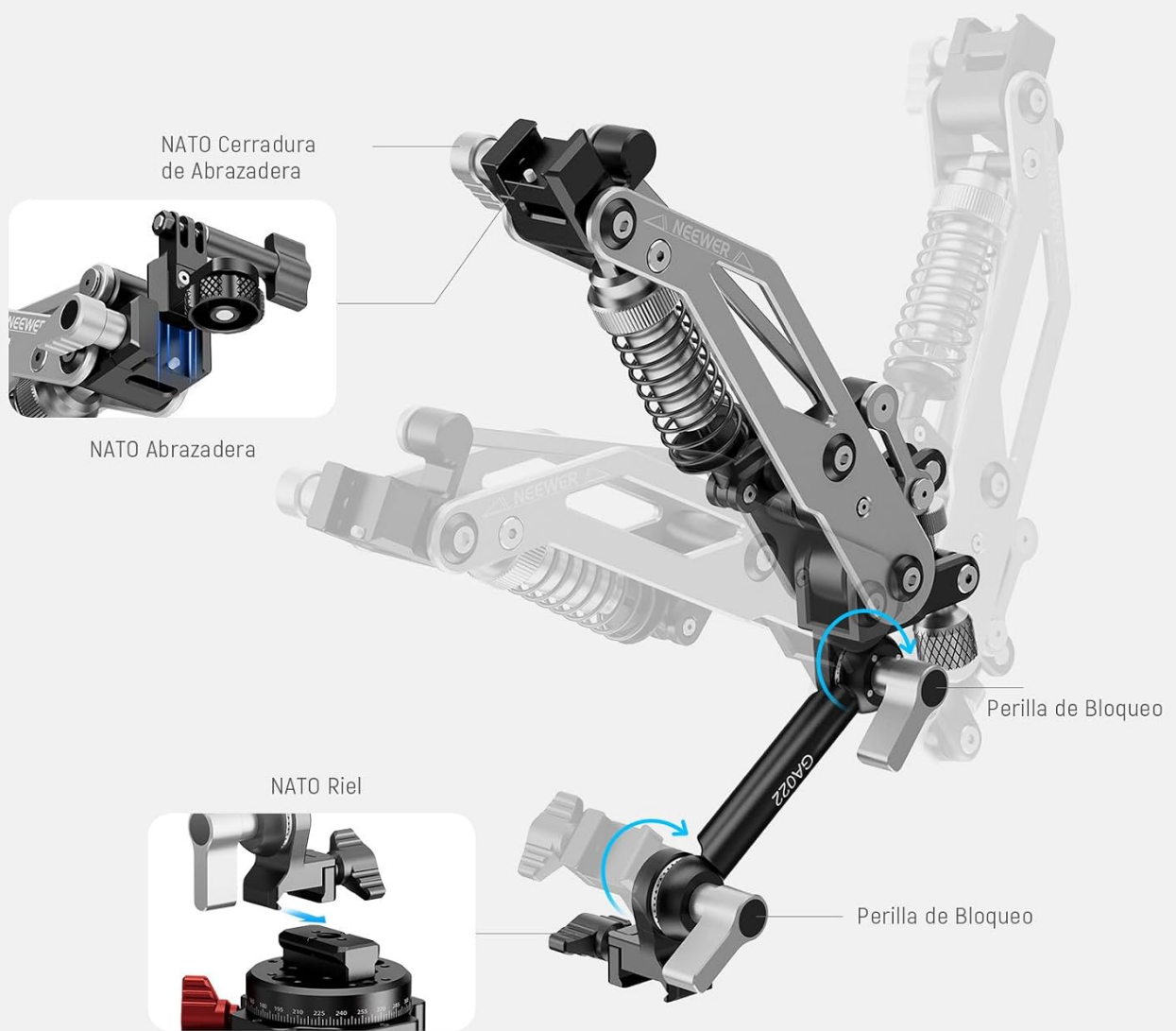


Image: A detailed view illustrating the quick-release NATO clamp mechanism that connects the hydraulic boom arm to the vacuum suction cup base, ensuring a firm attachment.

4. Attach Your Camera/Device:

- The arm features a 1/4" screw and retractable locating pins for precise alignment. Attach your action camera or phone cage to this mount.
- For GoPro Hero cameras, use the included adapters.
- Ensure all screws and connections are tightened before use.



Tornillo 1/4" y Soporte de Cámara Acción

Compatible con cámaras de acción y soportes para teléfonos con rosca de 1/4".

Image: This image shows an action camera securely mounted onto the 1/4" screw and action camera support, highlighting the retractable locating pins for precise alignment.

OPERATING INSTRUCTIONS

Adjusting the Hydraulic Boom Arm

- The hydraulic arm features two 180° tilting joints for flexible positioning. Loosen the locking knobs to adjust the angle and extension of the arm.
- Once the desired position is achieved, tighten the locking knobs securely to prevent movement during recording.
- The rear knob with a screw acts as a counterweight, balancing the device for enhanced stability. Adjust as needed for your specific camera setup.

Brazo de Pluma Hidráulica Flexible

Dos articulaciones basculantes de 180° proporcionan un posicionamiento fácil y preciso.

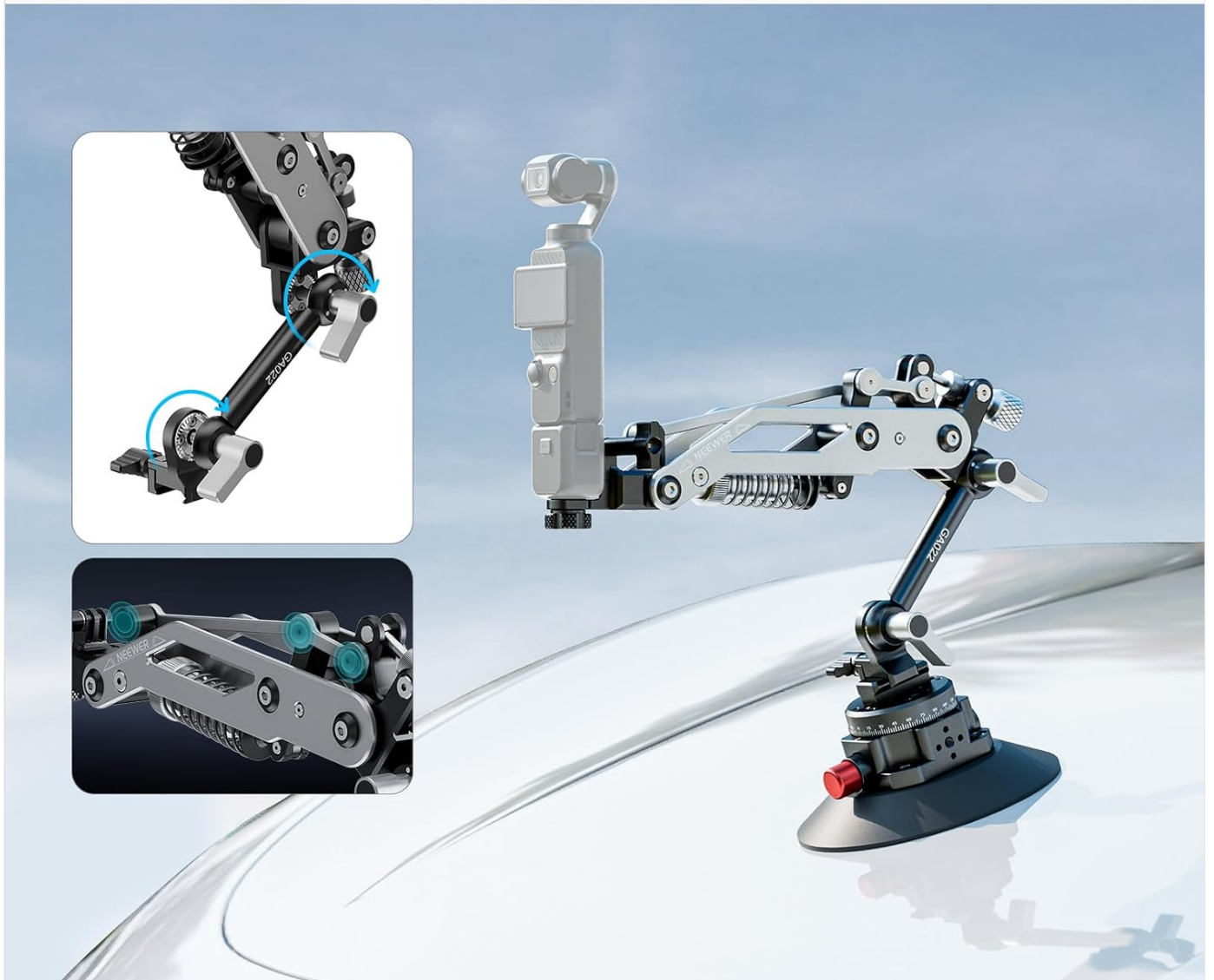


Image: The hydraulic boom arm is shown with its two 180° tilting joints, demonstrating the flexibility for easy and precise positioning of the camera.

Hydraulic Shock Absorption

The boom arm incorporates a hydraulic shock absorption system with damping springs. This feature is designed to minimize vibrations and impacts, providing smoother footage even in dynamic environments.

NEEWER

GA022

Hydraulic Boom Arm

with Vacuum Suction Cup

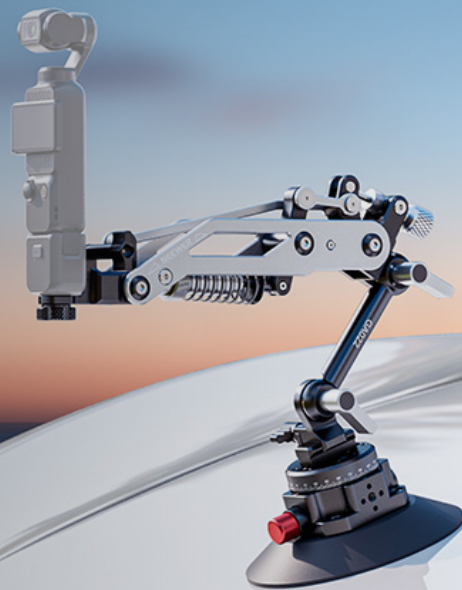


Image: A cutaway view highlighting the hydraulic shock absorption system and damping springs within the boom arm, designed to minimize vibrations and impacts during use.

360° Panoramic Base

- The suction cup base includes a 360° panoramic rotation feature. Loosen the base's locking knob to rotate your setup for panoramic shots.
- Tighten the knob once the desired orientation is set.

Conexión NATO de Liberación Rápida



Múltiples roscas de 1/4" y 3/8"



Image: This image displays the 360° panoramic base of the suction cup, along with its quick-release NATO connection and additional 1/4" and 3/8" ARRI threads for attaching various accessories.

Important Usage Notes

- The ideal load capacity for this articulated arm is 5.3 to 18 oz (150 to 500 g). Do not exceed this weight.
- When used on vehicles, operate at speeds below 80 km/h (approximately 50 mph) to prevent detachment.
- Always double-check that all screws and connections are securely tightened before beginning any recording.

MAINTENANCE

- **Cleaning:** Regularly clean the vacuum suction cup and the contact surface with a soft, damp cloth to ensure optimal adhesion. Avoid abrasive cleaners.
- **Storage:** Store the boom arm and suction cup in a clean, dry place away from extreme temperatures.

- **Inspection:** Periodically inspect all moving parts, screws, and the suction cup for any signs of wear or damage. Replace components if necessary.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Suction cup does not hold securely.	Surface is dirty, wet, uneven, or porous. Insufficient vacuum created.	Clean and dry the mounting surface thoroughly. Ensure the surface is smooth and non-porous. Pump until the red indicator line is fully hidden.
Arm or camera moves during use.	Locking knobs are not tightened sufficiently. NATO clamp is loose. Exceeded maximum load capacity.	Ensure all locking knobs on the arm and the NATO clamp are fully tightened. Verify the weight of your equipment does not exceed 18 oz (500 g).
Difficulty adjusting arm position.	Locking knobs are too tight.	Loosen the relevant locking knobs slightly to allow for adjustment, then re-tighten.

SPECIFICATIONS

Model Name	GA022
Material	Premium Aluminum Alloy
Compatible Devices	Action Cameras (DJI Osmo Pocket 3, Insta360 X3/X4/X5, GoPro Hero 13/12/11 Black), Mobile Phones
Maximum Load Capacity	18 oz / 500 g
Mounting Points	NATO Rail, 1/4" Screw, 3/8" ARRI Threads
Folded Size (Suction Cup)	15cm (L) x 15cm (W) x 15cm (H)
Arm Length	37 cm
Item Weight	52.9 Ounces / 1.5 kg (approx.)
UPC	191073111561

WARRANTY INFORMATION

The NEEWER GA022 Hydraulic Boom Arm with Vacuum Suction Cup comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the official NEEWER website or contact customer support.

CUSTOMER SUPPORT

Should you encounter any issues or have questions regarding your NEEWER GA022 Hydraulic Boom Arm, please visit the official NEEWER website for support resources, FAQs, and contact information. You can also reach out to the seller directly through your purchase platform for assistance.

© 2023 NEEWER. All rights reserved.

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