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› WKNYSYK EPS Steering Arm 9DQV-100006-3100 User Manual

WKNYSYK 9DQV-100006-3100

WKNYSYK EPS Steering Arm 9DQV-100006-3100 User Manual

Model: **9DQV-100006-3100** | Brand: **WKNYSYK**

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the WKNYSYK EPS Steering Arm, part number 9DQV-100006-3100. This component is designed as a direct replacement part for specific CF Moto ATV models to ensure proper steering function.

Please read these instructions thoroughly before attempting installation or maintenance to ensure safe and correct usage.

2. PRODUCT OVERVIEW



Figure 1: WKNYSYK EPS Steering Arm, part number 9DQV-100006-3100. This image shows the overall shape and connection points of the steering arm.

The EPS Steering Arm (Part No. 9DQV-100006-3100) is a critical component of your ATV's steering system, designed to transmit steering input to the wheels. It is manufactured to meet specific performance and durability standards for the listed compatible models.

3. COMPATIBILITY

This EPS Steering Arm is compatible with the following CF Moto ATV models:

- CF Moto ATV CForce 400
- CF Moto ATV CForce 450L
- CF400ATR-3S
- CF400ATR-3L
- CF500ATR-9L
- CF500AU-9L

- T3a
- T3b
- 500S

Important: Always verify the part number (9DQV-100006-3100) and compare it with your vehicle's existing part or service manual to ensure correct compatibility before installation.

4. PACKAGE CONTENTS

Upon opening the package, ensure all components are present and undamaged:

- One (1) WKNYSYK EPS Steering Arm (Part No. 9DQV-100006-3100)

If any items are missing or damaged, please contact your supplier immediately.

5. SAFETY INFORMATION

Working on vehicle steering components requires caution. Adhere to the following safety guidelines:

- **Professional Installation Recommended:** If you are not experienced with vehicle maintenance, it is highly recommended to have this part installed by a qualified mechanic.
- **Disconnect Power:** Before beginning any work, ensure the ATV's ignition is off and the battery is disconnected to prevent accidental startup or electrical hazards.
- **Wear Safety Gear:** Always wear appropriate personal protective equipment, including safety glasses and gloves.
- **Secure Vehicle:** Ensure the ATV is securely supported on a level surface using jack stands before working underneath it.
- **Use Correct Tools:** Use only the appropriate tools for the job to prevent damage to the part or injury.
- **Torque Specifications:** Always refer to your ATV's service manual for correct torque specifications for all fasteners. Overtightening or undertightening can lead to component failure.

6. INSTALLATION

The WKNYSYK EPS Steering Arm is designed for direct replacement. The following steps provide a general guide. Always consult your ATV's specific service manual for detailed instructions pertinent to your model.

Required Tools (Typical):

- Socket/Wrench Set
- Torque Wrench
- Pry Bar (if needed for stubborn connections)
- Penetrating Oil (if needed for rusted bolts)

Installation Steps:

1. **Preparation:** Park the ATV on a level surface, engage the parking brake, and disconnect the battery. Lift and secure the front of the ATV using appropriate lifting equipment and jack stands.
2. **Locate Steering Arm:** Identify the existing EPS steering arm on your ATV.
3. **Remove Old Steering Arm:** Carefully loosen and remove all bolts, nuts, and other fasteners securing the old steering arm. Note the orientation and connection points for reassembly. You may need to use a pry bar or penetrating oil if components are seized.
4. **Inspect Mounting Area:** Clean the mounting surfaces and inspect for any damage or wear. Address any issues before proceeding.
5. **Install New Steering Arm:** Position the new WKNYSYK EPS Steering Arm (9DQV-100006-3100) in place, ensuring

it aligns correctly with all mounting points.

- 6. **Secure Fasteners:** Reinstall all bolts, nuts, and fasteners. **Do not fully tighten yet.**
- 7. **Torque to Specification:** Refer to your ATV's service manual for the precise torque specifications for each fastener. Tighten all components to the recommended torque values using a torque wrench.
- 8. **Reassembly:** Reconnect any other components that were disconnected during the removal process.
- 9. **Final Checks:** Double-check all connections to ensure they are secure and properly torqued.

7. POST-INSTALLATION CHECK

After installation, perform the following checks before operating the ATV:

- **Reconnect Battery:** Reconnect the ATV's battery.
- **Steering Function Test:** With the ATV still on jack stands (if possible and safe), turn the handlebars lock-to-lock several times. Observe for smooth movement, proper range of motion, and any binding or unusual noises.
- **Road Test (Low Speed):** Carefully lower the ATV. Perform a low-speed test drive in a safe, open area. Pay attention to steering response, stability, and any abnormal sensations or sounds. If any issues are detected, stop immediately and re-inspect the installation.

8. MAINTENANCE

The WKNYSYK EPS Steering Arm is designed for durability. Regular inspection is key to its longevity and your ATV's safety:

- **Visual Inspection:** Periodically inspect the steering arm for signs of wear, cracks, bends, or corrosion.
- **Fastener Check:** Ensure all bolts and nuts securing the steering arm are tight and free from corrosion. Re-torque if necessary, following your ATV's service manual.
- **Cleanliness:** Keep the area around the steering arm free from excessive dirt, mud, and debris.

9. TROUBLESHOOTING

If you experience issues after installing the steering arm, consider the following:

- **Loose Connections:** Re-check all fasteners for proper torque. A loose connection can cause play or instability in the steering.
- **Incorrect Installation:** Review the installation steps and compare them with your ATV's service manual to ensure no steps were missed or performed incorrectly.
- **Other Components:** If the steering arm is correctly installed and torqued, the issue might lie with other steering or suspension components (e.g., tie rods, ball joints, wheel bearings). Inspect these components for wear or damage.
- **Professional Assistance:** If you cannot identify or resolve the issue, consult a qualified ATV mechanic.

10. SPECIFICATIONS

Manufacturer	WKNYSYK
Brand	WKNYSYK
Model (Part Number)	9DQV-100006-3100
Item Model Number	WKNYSYK123

Item Weight	1.76 ounces
Package Dimensions	1.18 x 0.79 x 0.39 inches
ASIN	B0F2T3YV5Z
Date First Available	March 28, 2025

11. WARRANTY AND SUPPORT

For warranty information or technical support regarding your WKNYSYK EPS Steering Arm, please contact the manufacturer or your point of purchase. Keep your purchase receipt as proof of purchase.

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Example: How do I reset this device or fix this error?

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