

PYWVWNAQP-2PC

Generic Motorcycle 520 14T Front Sprocket Instruction Manual

Model: PYWVWNAQP-2PC

| | | | | | |
|------------------------------|-----------------------------|---------------------------------|----------------------------|--|--------------------------|
| Introduction | Maintenance | Fitment | Components | Setup & Specifications | Warranty |
| Installation | | Troubleshooting | | | |

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Generic Motorcycle 520 14T Front Sprocket. Please read these instructions carefully before installation to ensure proper function and safety. This sprocket is designed as a direct replacement component for specific motorcycle models.

2. VEHICLE FITMENT

This front sprocket is specifically designed for the following motorcycle models:

- TT-R250 (1999-2006)
- TT250 R (1993-1995)
- TT250 R (1996-1998)
- TT250 R (1995-1996)
- TT250 R LW (1999-2000)
- TT250 R 4PXA, 4PX9 (2003-2004)

Ensure your motorcycle model and year match the list above for proper compatibility.

3. PACKAGE CONTENTS

Your package should contain the following items:

- Generic Motorcycle 520 14T Front Sprocket (2 pieces)



Image 1: Top view of the Generic Motorcycle 520 14T Front Sprocket. This image displays the sprocket's 14 teeth, the central splined bore for the countershaft, and the overall design, including the "AB-071" and "520-14T" markings.



Image 2: Detailed view of the Generic Motorcycle 520 14T Front Sprocket with key dimensions. This image shows the sprocket from the top and side, indicating measurements such as the 21.4mm installation size, 23mm width, and 11.6mm total thickness.

4. SETUP & INSTALLATION

Disclaimer: Installation of motorcycle components requires mechanical knowledge and appropriate tools. If you are unsure about any step, it is recommended to seek assistance from a qualified motorcycle mechanic. Ensure the motorcycle is stable and secure before beginning any work.

4.1. Required Tools (Not Included)

- Socket wrench set
- Torque wrench
- Chain breaker/riveter tool (if replacing chain)
- Retaining clip pliers (if applicable)
- Shop rags
- Degreaser/cleaner
- New cotter pin (if applicable)

4.2. Installation Steps

1. **Prepare the Motorcycle:** Place the motorcycle on a stand to lift the rear wheel off the ground. Ensure the motorcycle is stable.
2. **Remove Chain Guard:** Locate and remove any chain guards or covers that obstruct access to the front sprocket.
3. **Loosen Rear Axle Nut:** Loosen the rear axle nut to allow the rear wheel to move forward, creating slack in the drive chain.

4. **Remove Drive Chain:** Depending on your motorcycle's design, you may need to break the chain (if replacing it) or remove the master link to detach it from the front sprocket. Alternatively, if enough slack can be created, the chain might be slipped off the sprocket.
5. **Remove Old Front Sprocket:**
 - Identify the sprocket retaining mechanism (e.g., circlip, bolt, or nut).
 - Remove the retaining mechanism.
 - Carefully slide the old sprocket off the countershaft.
6. **Clean Countershaft:** Thoroughly clean the countershaft and surrounding area to remove any dirt, grease, or debris.
7. **Install New Front Sprocket:**
 - Align the splines of the new Generic 520 14T Front Sprocket with the countershaft.
 - Slide the sprocket onto the countershaft until it is fully seated.
 - Install the sprocket retaining mechanism. Ensure it is securely fastened according to your motorcycle's service manual specifications.
8. **Reinstall Drive Chain:** Place the drive chain back onto the new front sprocket. If the chain was broken, re-connect it using a new master link or by riveting.
9. **Adjust Chain Tension:** Adjust the rear wheel position to achieve the correct drive chain tension as specified in your motorcycle's service manual.
10. **Tighten Rear Axle Nut:** Torque the rear axle nut to the manufacturer's specified value.
11. **Reinstall Chain Guard:** Reattach any chain guards or covers removed earlier.
12. **Final Check:** Rotate the rear wheel manually to ensure the chain runs smoothly and there are no obstructions. Double-check all fasteners for tightness.

5. MAINTENANCE

Regular maintenance of your front sprocket and drive chain system is crucial for safety and longevity.

- **Inspection:** Periodically inspect the sprocket teeth for wear, bending, or damage. Worn teeth often appear hooked or pointed.
- **Cleaning:** Keep the sprocket and chain clean from dirt, mud, and old lubricant buildup. Use a suitable chain cleaner and brush.
- **Lubrication:** Lubricate the drive chain regularly with a high-quality chain lubricant, especially after riding in wet conditions or washing the motorcycle.
- **Chain Tension:** Maintain correct chain tension as specified by your motorcycle manufacturer. Incorrect tension can accelerate sprocket and chain wear.
- **Replacement:** It is generally recommended to replace the front sprocket, rear sprocket, and drive chain as a set. Replacing only one component can lead to accelerated wear of the new part due to the wear patterns of the older components.

6. TROUBLESHOOTING

This section addresses common issues related to front sprockets.

| Symptom | Possible Cause | Solution |
|------------------------------------|--|---|
| Excessive chain noise or vibration | Worn sprocket teeth, incorrect chain tension, misaligned wheel, dry chain. | Inspect sprocket for wear, adjust chain tension, check wheel alignment, clean and lubricate chain. |
| Chain skipping or jumping teeth | Severely worn sprocket teeth, stretched chain. | Replace sprocket and chain as a set. |
| Premature sprocket wear | Improper chain tension, lack of lubrication, riding in harsh conditions, misaligned wheel, worn rear sprocket/chain. | Ensure proper chain tension and lubrication, check wheel alignment, consider replacing entire drive train if other components are worn. |
| Difficulty installing sprocket | Incorrect part for model, debris on countershaft, damaged splines. | Verify fitment (refer to Section 2), clean countershaft thoroughly, inspect countershaft splines for damage. |

7. PRODUCT SPECIFICATIONS


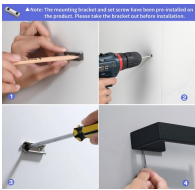



| Feature | Detail |
|---------------------------------------|-----------------------------------|
| Item Type | Front Sprocket |
| Material | Carburized Steel |
| Chain Size | 520 |
| Number of Teeth | 14T |
| Installation Size (Internal Diameter) | 21.4mm x 23mm (splined bore) |
| Number of Internal Teeth (Splines) | 22 |
| Total Thickness | 11.6mm |
| Item Weight | Approximately 150g (per sprocket) |
| Model Number | PYWVWNAQP-2PC |


8. WARRANTY AND SUPPORT

Information regarding specific warranty terms for this Generic product is not provided in the product details. For warranty inquiries or technical support, please contact the seller directly through the platform where the purchase was made. Retain your proof of purchase for any warranty claims.

© 2025 Generic. All rights reserved.

Related Documents - PYWVWNAQP-2PC

| | |
|---|---|
|  | <p>Crestlive Products Lounge Chair Assembly and Care Instructions</p> <p>Official instruction manual for the Crestlive Products lounge chair. Includes detailed assembly steps, parts list, required tools, care and maintenance guidelines, warranty information, and safety warnings.</p> |
|  | <p>How to Install a Wall Mounted Towel Ring Holder maiguooone Assembly Guide</p> <p>Step-by-step instructions for installing a maiguooone wall-mounted towel ring holder. Learn how to properly attach the bracket and towel bar for a secure installation.</p> |
|  | <p>RshPets Wall-Mounted Cat Scratcher Assembly and Care Instructions</p> <p>Comprehensive guide for assembling and caring for the RshPets Wall-Mounted Cat Scratcher, including material specifications, weight limits, and installation instructions for various wall types. Features multilingual support and warranty information.</p> |
|  | <p>Lifezone S-2PC-1000 Infrared Quartz Heater User Manual</p> <p>User manual for the Lifezone S-2PC-1000 Infrared Quartz Heater, covering safety information, operation, troubleshooting, maintenance, and warranty details.</p> |
|  | <p>Crestlive Products Lounge Chair Instruction Manual</p> <p>Instruction manual for the Crestlive Products Lounge Chair, detailing assembly, care, and warranty information.</p> |

| | |
|--|--|
|  | <p>Furniture of America Bed and Nightstand Assembly Instructions</p> <p>Comprehensive assembly instructions for Furniture of America bed and nightstand models, including detailed parts lists, hardware identification, step-by-step assembly guides, and essential care and safety advice.</p> |
|--|--|