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Pulsar DN 50 mm Cover Ring Adapter

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Model: DN 50 mm Cover Ring Adapter (PU-79125)

1. INTRODUCTION

This instruction manual provides detailed information on the installation, operation, and maintenance of your Pulsar DN 50 mm Cover Ring Adapter. This adapter is designed to securely attach the Pulsar Forward DFA75 digital night vision attachment to the objective lens of a day riflescope. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Pulsar DN Cover Ring Adapters are essential accessories for integrating the Forward DFA75 with your existing day optics. These adapters are precision-engineered from durable aluminum alloy, ensuring a stable and reliable connection. They are available in various sizes (42mm, 50mm, 56mm) to accommodate different objective lens diameters. Each adapter includes multiple inserts to achieve a precise fit for various objective lens housing sizes.

A key feature of this adapter is its ability to remain on the day scope even during daytime use, thanks to an integrated lens cap. This design allows for quick transitions between day and night observation without needing to remove the adapter.



Figure 2.1: Front view of the Pulsar DN Cover Ring Adapter, showing its robust construction and integrated lens cap.



Figure 2.2: Side view of the Pulsar DN Cover Ring Adapter, highlighting the quick-release mounting mechanism for secure attachment.

3. SAFETY INFORMATION

- Always handle the adapter and associated optical devices with care to prevent damage.
- Ensure the adapter is securely fastened before use to prevent accidental detachment.
- Do not attempt to disassemble or modify the adapter, as this may void the warranty and cause damage.
- Keep the adapter away from extreme temperatures, direct sunlight, and corrosive substances.
- Store the adapter in a clean, dry place when not in use.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all listed items are present and in good condition:

- Pulsar DN 50 mm Cover Ring Adapter
- Set of objective lens housing inserts (various sizes)
- Integrated lens cap
- Instruction Manual (this document)

5. SETUP AND INSTALLATION

Follow these steps to properly install the Pulsar DN 50 mm Cover Ring Adapter onto your day riflescope and attach the Forward

- Select the Correct Insert:** Identify the objective lens diameter of your day riflescope. Choose the appropriate insert from the provided set that fits snugly inside the adapter and around your scope's objective lens housing. The goal is a secure, wobble-free fit.
- Install Insert into Adapter:** Carefully place the selected insert into the Pulsar DN Cover Ring Adapter. Ensure it is seated correctly and flush with the adapter's inner rim.
- Attach Adapter to Day Scope:** Slide the adapter, with the insert installed, onto the objective lens of your day riflescope. Gently push until it is fully seated.
- Secure the Adapter:** Tighten the locking mechanism on the adapter (typically a lever or screw) to firmly secure it to the riflescope. Do not overtighten, but ensure there is no movement.
- Attach Forward DFA75:** Align the Pulsar Forward DFA75 digital night vision attachment with the front opening of the installed cover ring adapter. The DFA75 should slide into the adapter and lock into place with its own quick-release mechanism. Refer to the DFA75's manual for specific attachment instructions.
- Verify Alignment:** Once both devices are connected, check for proper alignment and ensure a clear field of view through your day scope. Make any necessary adjustments.

The adapter is designed to remain on the day scope even when the DFA75 is detached, allowing for seamless transition between day and night use by simply attaching or detaching the DFA75.

6. OPERATING INSTRUCTIONS

The Pulsar DN 50 mm Cover Ring Adapter serves as a stable mounting platform for the Pulsar Forward DFA75. Its operation is primarily passive, facilitating the connection between your day scope and the night vision attachment.

- Daytime Use:** When the Forward DFA75 is not attached, the integrated lens cap on the adapter protects your day scope's objective lens. Simply close the cap for daytime observation.
- Nighttime Use:** To transition to night vision, remove the integrated lens cap and attach the Forward DFA75 to the adapter. Ensure it clicks securely into place.
- Detaching DFA75:** To detach the Forward DFA75, activate its quick-release mechanism and carefully pull it away from the adapter. The adapter can remain on the day scope.

For detailed operational instructions regarding the Forward DFA75, please consult its dedicated user manual.

7. CARE AND MAINTENANCE

Proper care will extend the lifespan and maintain the performance of your Pulsar DN Cover Ring Adapter:

- Cleaning:** Use a soft, lint-free cloth to wipe the exterior of the adapter. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by drying. Avoid abrasive cleaners or solvents.
- Storage:** Store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure it is clean and dry.
- Inspection:** Periodically inspect the adapter for any signs of wear, damage, or loose components. Ensure the locking mechanism operates smoothly.

8. TROUBLESHOOTING

If you encounter issues with your Pulsar DN Cover Ring Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Adapter does not fit scope objective.	Incorrect insert size selected.	Ensure you are using the correct insert for your scope's objective lens diameter. Try different inserts from the provided set.
Adapter feels loose on the scope.	Locking mechanism not fully engaged or incorrect insert.	Ensure the locking lever/screw is fully tightened. Verify the insert provides a snug fit.
DFA75 does not attach securely to the adapter.	Misalignment or obstruction.	Ensure the DFA75 is correctly aligned with the adapter. Check for any debris or obstructions in the mounting interface. Refer to the DFA75 manual for its specific attachment procedure.

If the problem persists after attempting these solutions, please contact Pulsar customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	DN 50 mm Cover Ring Adapter
Manufacturer Reference	PU-79125
Brand	Pulsar
Compatible Devices	Pulsar Forward DFA75, Day Riflescopes
Material	Aluminum Alloy
Available Sizes	42mm, 50mm, 56mm (DN variants)
Color	Green
Item Weight	861.83 g
ASIN	B01N3374AV
Date First Available	January 15, 2020

10. WARRANTY AND SUPPORT

Pulsar products are manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Pulsar website. Keep your proof of purchase for warranty claims. For technical support, troubleshooting assistance beyond this manual, or spare parts inquiries, please contact Pulsar Customer Service:

- **Website:** www.pulsar-nv.com (Please note: This is a placeholder URL. Refer to your product documentation for the official support website.)
- **Email:** Refer to official website for contact details.
- **Phone:** Refer to official website for contact details.

When contacting support, please have your product model (DN 50 mm Cover Ring Adapter) and serial number (if applicable) ready.

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