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› Enerpac REB-25 25-Ton Base Clevis Instruction Manual

## Enerpac REB-25

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## 1. PRODUCT OVERVIEW

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The Enerpac REB-25 Base Clevis is an essential accessory designed for use with Enerpac RC-series hydraulic cylinders. This component facilitates the secure attachment of a base fixture to the hydraulic cylinder, enabling stable and reliable operation in various industrial applications. Engineered for durability, it boasts a 25-ton capacity and a high yield strength, ensuring robust performance under demanding conditions.



**Figure 1:** The Enerpac REB-25 Base Clevis. This image displays the black, robust metal clevis with a cylindrical base and a hexagonal body featuring a circular opening. A single hex-head cap screw is visible at the base, indicating the attachment mechanism.

## 2. SETUP AND INSTALLATION

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Proper installation of the REB-25 Base Clevis is crucial for safe and effective operation. Follow these steps to attach the clevis to your Enerpac RC-series hydraulic cylinder:

1. **Preparation:** Ensure both the REB-25 Base Clevis and the Enerpac RC-series hydraulic cylinder are clean and free from debris or damage.
2. **Positioning:** Align the base clevis with the attachment points on the base of the hydraulic cylinder. The clevis is designed to fit precisely.
3. **Secure Attachment:** Use the two included 9/16" socket head cap screws to firmly attach the clevis to the cylinder. Insert the screws into the designated holes and tighten them securely using an

appropriate hex key or wrench. Ensure even tightening to prevent misalignment.

4. **Verification:** After tightening, visually inspect the connection to confirm that the clevis is securely fastened and there is no play or looseness.

**Important:** Always refer to the specific instruction manual for your Enerpac RC-series hydraulic cylinder for any additional attachment requirements or torque specifications.

### 3. OPERATION

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The REB-25 Base Clevis functions as a foundational attachment point for your hydraulic cylinder. Once securely installed, it allows the cylinder to be anchored or connected to other structural components, facilitating various lifting, pushing, or pulling operations. The clevis itself does not require active operation; its role is passive, providing a stable and robust interface for the cylinder within a larger system.

- Ensure the clevis is always used within its specified 25-ton capacity.
- Verify that any pins or connecting hardware used with the clevis opening are appropriately sized and rated for the intended load.
- Regularly check the clevis and its attachment points for signs of wear or damage before each use.

### 4. MAINTENANCE

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To ensure the longevity and safe performance of your Enerpac REB-25 Base Clevis, adhere to the following maintenance guidelines:

- **Cleaning:** Keep the clevis clean from dirt, dust, and corrosive substances. Use a clean cloth to wipe down the surfaces.
- **Inspection:** Periodically inspect the clevis for any signs of wear, cracks, deformation, or corrosion. Pay close attention to the attachment holes and the main clevis opening.
- **Fastener Check:** Regularly check the tightness of the 9/16" cap screws that secure the clevis to the hydraulic cylinder. Re-tighten if necessary, following recommended torque specifications.
- **Storage:** When not in use, store the clevis in a dry, clean environment to prevent rust and damage.
- **Replacement:** If any significant damage or wear is observed, replace the clevis immediately with a genuine Enerpac REB-25 part to maintain safety and performance standards.

### 5. TROUBLESHOOTING

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This section addresses common issues that may arise with the REB-25 Base Clevis.

Problem	Possible Cause	Solution
Clevis feels loose after installation.	Cap screws not tightened sufficiently or unevenly.	Re-tighten the 9/16" cap screws evenly and securely. Ensure proper torque if specified by the cylinder manual.
Visible wear or deformation on the clevis.	Overloading, impact damage, or prolonged use.	Immediately cease use. Replace the clevis with a new, genuine Enerpac REB-25 part. Do not attempt to repair damaged components.
Difficulty attaching clevis to cylinder.	Misalignment, debris in screw holes, or incompatible cylinder model.	Ensure correct alignment. Clean screw holes. Verify that the cylinder is an Enerpac RC-series model compatible with the REB-25.

## 6. SPECIFICATIONS

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Key technical specifications for the Enerpac REB-25 Base Clevis:

- **Model:** REB-25
- **Capacity:** 25 Tons
- **Compatibility:** Enerpac RC-series hydraulic cylinders
- **Fasteners:** Two 9/16" socket head cap screws (included)
- **Yield Strength:** 60,000 pounds per square inch (psi)
- **Dimensions (Approximate):** 6 x 4.6 x 4.2 inches (Package Dimensions)
- **Weight (Approximate):** 3.1 Pounds
- **Material:** Industrial-grade metal construction

## 7. WARRANTY AND SUPPORT

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For information regarding warranty coverage, technical support, or to purchase replacement parts, please contact Enerpac directly through their official website or authorized distributors. Always use genuine Enerpac parts to ensure compatibility and maintain product integrity and safety.