Hillman 322032

Hillman Hardware Essentials Galvanized Connecting Link (3/8") Model 322032 User Manual

Introduction

This manual provides essential instructions for the safe and proper use of the Hillman Hardware Essentials Galvanized Connecting Link (3/8"), Model 322032. Please read this manual thoroughly before installation and use to ensure safe operation and optimal performance. Keep this manual for future reference.

Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- **DO NOT USE TO LIFT LOADS:** This connecting link is not designed for overhead lifting, supporting weights of persons, or any load-bearing applications where failure could result in injury.
- **WORKING LOAD LIMIT:** The safe working load limit for this 3/8" connecting link is 2,800 lbs. Do not exceed this limit under any circumstances.
- **NEVER REUSE:** Connecting links are designed for single-use applications. Never reuse a connecting link after it has been subjected to a load or stress.
- **INSPECTION:** Always inspect the connecting link and associated chain for any signs of wear, damage, or deformation before each use. Discard if any damage is observed.
- **COMPATIBILITY:** Ensure the connecting link is compatible with the chain size and type it is being used with. Use with chain of equal or lower working load limit.

Product Overview

The Hillman Hardware Essentials Galvanized Connecting Link is designed for securely joining attachments to welded chains. Its galvanized finish provides enhanced resistance against rust and corrosion, making it suitable for both interior and exterior applications.

Figure 1: Hillman Hardware Essentials 3/8 inch Galvanized Connecting Link. This image shows the two halves of the connecting link, designed to be joined together to form a secure connection.

Key Features:

- **Material:** Steel
- **Finish:** Galvanized for corrosion resistance
- **Size:** 3/8 inch
- **Working Load Limit:** 2,800 lbs (Do not exceed)

Setup and Installation

Follow these steps to properly assemble and install the connecting link:

1. **Prepare Components:** Ensure both halves of the connecting link and the chain or attachment points are clean and free from debris.
2. **Align Halves:** Fit the body rivets of one half of the connecting link into the corresponding openings of the other half. Ensure a snug fit.
3. **Peen Rivets:** Using appropriate tools (e.g., hammer and anvil), carefully peen (flatten and spread) the rivets to securely lock the two halves of the connecting link together. Ensure the peening creates a permanent and strong connection.
4. **Verify Connection:** After peening, visually inspect the connection to ensure the rivets are fully secured and the link is properly closed. Attempt to pull the halves apart to confirm the integrity of the connection.

Note: *This connecting link is intended for permanent assembly. Once peened, it should not be disassembled or reused.*

Operating Instructions

Once properly installed, the connecting link serves as a secure attachment point. Always adhere to the following guidelines during operation:

- **Load Limits:** Never exceed the stated Working Load Limit of 2,800 lbs. Overloading can lead to failure.
- **Intended Use:** Use the connecting link only for its intended purpose of joining attachments to welded chains.
- **Regular Inspection:** Periodically inspect the connecting link and the entire chain assembly for any signs of wear, corrosion, bending, or cracking, especially after heavy use.

Maintenance

The galvanized finish of the connecting link provides good corrosion resistance. To ensure its longevity and performance:

- **Cleaning:** Keep the link clean and free from dirt, mud, and corrosive substances. Wipe down with a damp cloth if necessary.
- **Storage:** Store connecting links in a dry environment, away from extreme temperatures and corrosive chemicals, when not in use.
- **Damage:** If the galvanized coating is significantly damaged or if rust begins to form, consider replacing the link, especially if its structural integrity is compromised.

Troubleshooting

If you encounter issues with the connecting link, consider the following:

- **Difficulty in Assembly:** Ensure the body rivets and openings are perfectly aligned. Do not force components. If parts are bent or damaged, do not use.
- **Loose Connection:** If the peened rivets do not create a secure connection, the link may be faulty or improperly installed. Do not use a loose link; replace it.
- **Corrosion:** While galvanized, prolonged exposure to harsh conditions can lead to corrosion. Regular inspection and replacement of corroded links are crucial for safety.

Specifications

Specification	Detail
Manufacturer	Hillman Group
Model Number	322032
Part Number	322032
Size	3/8 Inch
Color	Silver
Base Material	Steel
Finish	Galvanized
Working Load Limit	2,800 lbs
Item Package Quantity	1

Warranty and Support

Warranty information for the Hillman Hardware Essentials Galvanized Connecting Link (3/8") Model 322032 is not provided within this manual. For details regarding product warranty, returns, or technical support, please contact the manufacturer directly:

Manufacturer: Hillman Group

Please refer to the official Hillman Group website or your point of purchase for the most current support and warranty information.

Ask a question about this manual

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Question

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

Details

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