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National Hardware 3152BC

National Hardware 3152BC 5/16" Lap Link Instruction Manual

Model: 3152BC

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of the National Hardware 3152BC 5/16" Zinc Plated Lap Link. This product is designed for securely joining two lengths of chain or attaching accessories to a chain. Please read these instructions thoroughly before use.

2. SAFETY INFORMATION

- Always ensure the lap link is completely closed before applying any load. Failure to do so can result in product failure and injury.
- Do not exceed the rated capacity of the lap link or the chain it is connected to.
- Inspect the lap link for damage, wear, or deformation before each use. Discard if any damage is observed.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, during installation and use.
- Keep out of reach of children.

3. PRODUCT OVERVIEW

The National Hardware 3152BC Lap Link is a robust connector made from steel with a zinc-plated finish for corrosion resistance. It features an open design that allows it to be inserted into chain links or attachment points, then permanently closed.



Figure 1: National Hardware 5/16 inch Zinc Plated Lap Link. This image shows the open lap link, highlighting its zinc-plated finish and sturdy construction, ready for installation.

4. SETUP AND INSTALLATION

Follow these steps to properly install the lap link:

1. **Preparation:** Ensure the chain or accessory you intend to connect is clean and free from obstructions. Verify that the lap link size (5/16") is compatible with the components being joined.
2. **Positioning:** Insert the open ends of the lap link through the two components you wish to join. Ensure both components are fully seated within the open section of the lap link.
3. **Closing the Link:** Using a hammer or a vise, carefully and firmly close the open ends of the lap link until they meet and form a continuous, secure loop. It is critical that the link is *completely closed* to achieve its rated capacity and prevent accidental disengagement.
4. **Verification:** After closing, visually inspect the lap link to confirm there are no gaps or weak points. Gently pull on the connected components to ensure the link is secure.

5. OPERATING INSTRUCTIONS

Once properly installed and closed, the lap link functions as a permanent connection point. It is designed for static or dynamic loads within its rated capacity. Avoid sudden jerks or impacts that could exceed the link's strength.

6. MAINTENANCE

- **Regular Inspection:** Periodically inspect the lap link for signs of wear, corrosion, bending, or cracking. Pay close attention to the area where the link was closed.
- **Cleaning:** Clean the lap link as needed to remove dirt, debris, or rust. A mild detergent and water can be used, followed by thorough drying.
- **Storage:** Store unused lap links in a dry environment to prevent corrosion.
- **Replacement:** If any damage or significant wear is observed, replace the lap link immediately. Do not attempt to repair a damaged link.

7. TROUBLESHOOTING

Issue: Lap link does not close completely.

- **Solution:** Ensure you are using adequate force with a hammer or vise. If the material is too thick or misaligned, the link may not close properly. Verify compatibility of components.

Issue: Lap link appears weak or deformed after closing.

- **Solution:** This indicates improper installation or exceeding the link's capacity. Discard the deformed link and replace it with a new one, ensuring correct installation.

8. SPECIFICATIONS

Model Number	3152BC (N233-107)
Size	5/16 inch
Material	Steel
Finish	Zinc Plated
Item Weight	Approximately 2 pounds (for item package quantity of 10)
Product Dimensions	2 x 2 x 3 inches (packaging dimensions)
Manufacturer	National Mfg/Spectrum Brands Hhi

9. WARRANTY AND SUPPORT

For specific warranty information or technical support, please refer to the official National Hardware website or contact their customer service directly. Keep your purchase receipt for warranty claims.

National Hardware Website: www.nationalhardware.com