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Barjan 300-53408

Barjan 300-53408 Antenna Quick Disconnect Instruction Manual

Model: 300-53408 | Brand: Barjan

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Barjan 300-53408 Antenna Quick Disconnect. This device is designed to facilitate the rapid attachment and detachment of CB and Amateur Radio antennas equipped with a standard 3/8-24 bolt in base thread. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. Product Overview

The Barjan 300-53408 is a quick-release adapter for radio antennas. It connects between your antenna mount and the antenna itself, allowing for easy removal and reattachment. Its twist-and-turn mechanism provides a secure connection while enabling quick antenna swaps.



Image 1: The Barjan 300-53408 Antenna Quick Disconnect. This image displays the metallic quick disconnect adapter, featuring a threaded base for connection to an antenna mount and a twist-and-turn mechanism for securing an antenna.

Key Features:

- Twist and Turn Quick Disconnect mechanism.
- Compatible with antennas featuring a regular 3/8-24 bolt in base thread.

- Designed for CB and Ham Radio antennas.
- Facilitates easy antenna removal and installation.

3. Safety Information

- Ensure all connections are tight and secure to prevent accidental antenna detachment during vehicle movement.
- Do not overtighten connections, as this may damage threads.
- Regularly inspect the quick disconnect for signs of wear or damage. Replace if any damage is observed.
- Avoid using this quick disconnect with antennas that exceed its structural capacity, especially very long or heavy antennas, to prevent bending or breakage.

4. Package Contents

Upon opening the package, verify that you have received the following item:

- 1 x Barjan 300-53408 Antenna Quick Disconnect

5. Setup and Installation

Follow these steps to properly install the Barjan 300-53408 Antenna Quick Disconnect:

1. **Prepare the Mount:** Ensure your antenna mount is securely installed on your vehicle or desired location. The mount should have a 3/8-24 threaded stud.
2. **Attach Quick Disconnect to Mount:** Screw the base of the Barjan 300-53408 Quick Disconnect onto the 3/8-24 threaded stud of your antenna mount. Hand-tighten until snug. Do not overtighten.
3. **Prepare the Antenna:** Ensure your antenna has a 3/8-24 threaded bolt at its base.
4. **Attach Antenna to Quick Disconnect:** Align the antenna's threaded bolt with the top opening of the quick disconnect. Insert the antenna into the quick disconnect and twist until it locks securely into place. You should feel a positive engagement.
5. **Verify Connection:** Gently pull on the antenna to confirm it is firmly seated and does not easily detach.

6. Operating Instructions

Connecting the Antenna:

To connect an antenna, align the antenna's 3/8-24 threaded base with the quick disconnect. Push the antenna into the quick disconnect and twist clockwise until it clicks and locks into position. Ensure the connection is firm.

Disconnecting the Antenna:

To disconnect the antenna, grasp the antenna firmly and twist counter-clockwise while pulling upwards. The antenna should release from the quick disconnect.

7. Maintenance

- **Regular Inspection:** Periodically check the quick disconnect for any signs of corrosion, wear, or damage, especially after exposure to harsh weather conditions.
- **Cleaning:** If necessary, clean the quick disconnect with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or internal components.
- **Lubrication:** A small amount of dielectric grease can be applied to the internal contact points to maintain optimal electrical

connection and ease of operation, particularly in environments prone to moisture or corrosion.

8. Troubleshooting

Issue: Antenna detaches unexpectedly.

- **Solution:** Ensure the antenna is fully inserted and twisted until it locks securely. Verify that the internal locking mechanism is not obstructed or damaged. Avoid using with antennas that exert excessive leverage or weight on the disconnect.

Issue: Poor signal quality or intermittent connection.

- **Solution:** Check all threaded connections for tightness. Inspect the quick disconnect's internal contacts for corrosion or debris. Clean if necessary. Ensure the antenna's base thread is clean and free of paint or rust that could impede electrical contact.

Issue: Difficulty connecting or disconnecting the antenna.

- **Solution:** Ensure the threads on both the antenna and the mount are clean and undamaged. Apply a small amount of dielectric grease to the threads and internal mechanism if stiffness persists. Do not force the connection.

Issue: Physical damage (bending, breakage) to the quick disconnect.

- **Solution:** This product may not be suitable for extremely long or heavy antennas, or for applications involving significant vibration or impact. Consider a more robust solution for such scenarios. If damaged, replace the unit immediately.

9. Specifications

Model Number	300-53408
Brand	Barjan
Thread Size	3/8-24
Compatibility	CB & Amateur Radio Antennas
Package Dimensions	2.9 x 1.6 x 0.1 inches
Item Weight	2.4 ounces
UPC	020126534081

10. Warranty and Support

For information regarding warranty coverage or technical support for your Barjan 300-53408 Antenna Quick Disconnect, please refer to the retailer's return policy or contact Barjan customer service directly. Contact details are typically available on the product packaging or the manufacturer's official website.

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