BIKE HAND YC-1858-22N

BIKE HAND YC-1858-22N Press Fit Bottom Bracket Removal Tool

Model: YC-1858-22N

1. Introduction

This instruction manual provides detailed guidance for the safe and effective use of the BIKE HAND YC-1858-22N Press Fit Bottom Bracket Removal Tool. This tool is specifically designed for the removal of press-fit bottom bracket cups with 22-24mm spindles.

Compatibility: The YC-1858-22N tool is compatible with various press-fit bottom bracket systems, including BB86, BB90, BB92, Shimano Press-Fit, SRAM Press Fit GXP, and Race Face Press Fit bottom brackets that utilize 22-24mm spindles.



Image 1: The BIKE HAND YC-1858-22N Press Fit Bottom Bracket Removal Tool with dimensions.

2. Safety Information

- Always wear appropriate personal protective equipment, including eye protection, when using this tool.
- Ensure the bicycle is stable and securely mounted in a repair stand before beginning any work.
- Use a rubber mallet or plastic-faced hammer for striking the tool. Avoid using metal hammers directly on the tool head to prevent damage.
- If you are unsure about any step, consult a professional bicycle mechanic.

3. Product Components

The package includes one BIKE HAND YC-1858-22N Press Fit Bottom Bracket Removal Tool.



Image 2: Close-up of the tool's flared ends.

4. Setup

1. Secure your bicycle: Mount your bicycle securely in a repair stand to ensure stability during the removal process.
2. Identify bottom bracket type: Confirm that your bicycle's press-fit bottom bracket uses 22-24mm spindles and is compatible with the YC-1858-22N tool.
3. Clear the area: Remove cranks and any other components that obstruct access to the bottom bracket cups.

5. Operating Instructions

Follow these steps to safely remove press-fit bottom bracket cups:

1. **Insert the tool:** Carefully insert the BIKE HAND YC-1858-22N tool through the bottom bracket shell from the side opposite the cup you intend to remove.



Image 3: Tool inserted into the bottom bracket shell.

2. **Engage the cup:** Push the tool until its flared ends expand and securely snap behind the bearing cup. You should feel a distinct click or increased resistance, indicating that the tool is properly seated and gripping the cup.
3. **Remove the cup:** Using a rubber mallet or plastic-faced hammer, strike the head of the removal tool firmly and squarely. The impact will drive the bottom bracket cup out of the shell. Repeat strikes as necessary until the cup is fully dislodged.



Image 4: Striking the tool with a mallet.

4. **Repeat for the second cup:** If your bottom bracket has two separate cups, reposition the tool to remove the second cup, following the same procedure.

Instructional Video

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Video 1: This video demonstrates the proper technique for using the BIKE HAND YC-1858-22N Press Fit Bottom Bracket Removal Tool to extract bottom bracket cups from a bicycle frame.

6. Maintenance

- **Cleaning:** After each use, clean the tool thoroughly to remove any grease, dirt, or debris. A clean cloth and a mild degreaser can be used.
- **Storage:** Store the tool in a dry environment to prevent rust and corrosion. Keep it away from excessive moisture and extreme temperatures.
- **Inspection:** Periodically inspect the flared ends of the tool for any signs of wear, bending, or damage. Replace the tool if significant damage is observed to ensure proper function and safety.

7. Troubleshooting

- **Tool fingers bending:** If the tool's flared ends (fingers) bend during use, it may indicate that the bottom bracket cups are extremely tight, seized, or that the tool was not fully engaged behind the cup. Ensure the tool is properly seated before striking. If significant bending occurs, the tool's effectiveness may be compromised, and replacement might be necessary.
- **Difficulty removing cup:** If a bottom bracket cup is difficult to remove, ensure the tool is correctly and fully engaged. Applying a penetrating oil to the interface between the cup and the frame may help loosen seized components. Use firm, controlled strikes with the mallet. Avoid excessive force that could damage the frame or the tool.

8. Specifications

Model Name	YC-1858-22N
Diameter	22mm
Length	240mm (9.4 inches)
Weight	233g (0.51 lbs)
Material	Aluminum
Item Dimensions (LxWxH)	1.18 x 1.57 x 7.09 inches
Package Dimensions (LxWxH)	10 x 2.56 x 2.32 inches
Package Weight	0.23 kg

9. Warranty Information

This BIKE HAND YC-1858-22N Press Fit Bottom Bracket Removal Tool is covered by a 2-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10. Support

For further assistance, technical support, or inquiries regarding the BIKE HAND YC-1858-22N tool, please refer to the official BIKE HAND website or contact their customer service department. Always provide the model number (YC-1858-22N) when seeking support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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

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