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CHEE MONG Unresponsive Bearing Kit

CHEE MONG YOYO Replacement Kit Instruction Manual

Model: Unresponsive Bearing Kit

PRODUCT OVERVIEW

This CHEE MONG YOYO Replacement Kit provides essential components for maintaining and upgrading your unresponsive yoyo, specifically designed for models like the Yoyo V3 N11. The kit includes unresponsive concave bearings, long axles, and a specialized bearing remover tool.



Image: The complete CHEE MONG YOYO Replacement Kit, showing all included components.

Key Features:

- **Yoyo Bearing Pack:** Includes 2 unresponsive bearings, 2 long axles, and 1 bearing remover.
- **Concave Bearing:** R188K - size 6.35*12.7*4.76mm, designed for unresponsive play.
- **Long Axle:** M4*12mm, compatible with specified yoyo models.
- **Bearing Remover:** Length: 68mm; Width: 6.3mm, for easy bearing removal.
- Specifically designed for Yoyo V3 N11 and similar models.

SETUP AND INSTALLATION

Follow these steps to replace your yoyo's bearing and axle:

1. **Disassemble Your Yoyo:** Carefully unscrew the two halves of your yoyo to access the existing bearing and axle.
2. **Remove Old Bearing:** Use the included bearing remover tool to gently extract the old bearing from the yoyo. Insert the tool into the bearing and apply slight leverage to pop it out.



Image: The bearing remover tool shown with two bearings, illustrating its function.

3. **Replace Old Axle:** Remove the old axle. Insert the new M4*12mm long axle into one half of the yoyo.
4. **Insert New Bearing:** Place the new unresponsive concave yoyo bearing (R188K, size 6.35*12.7*4.76mm) onto the axle. Ensure it sits flush.

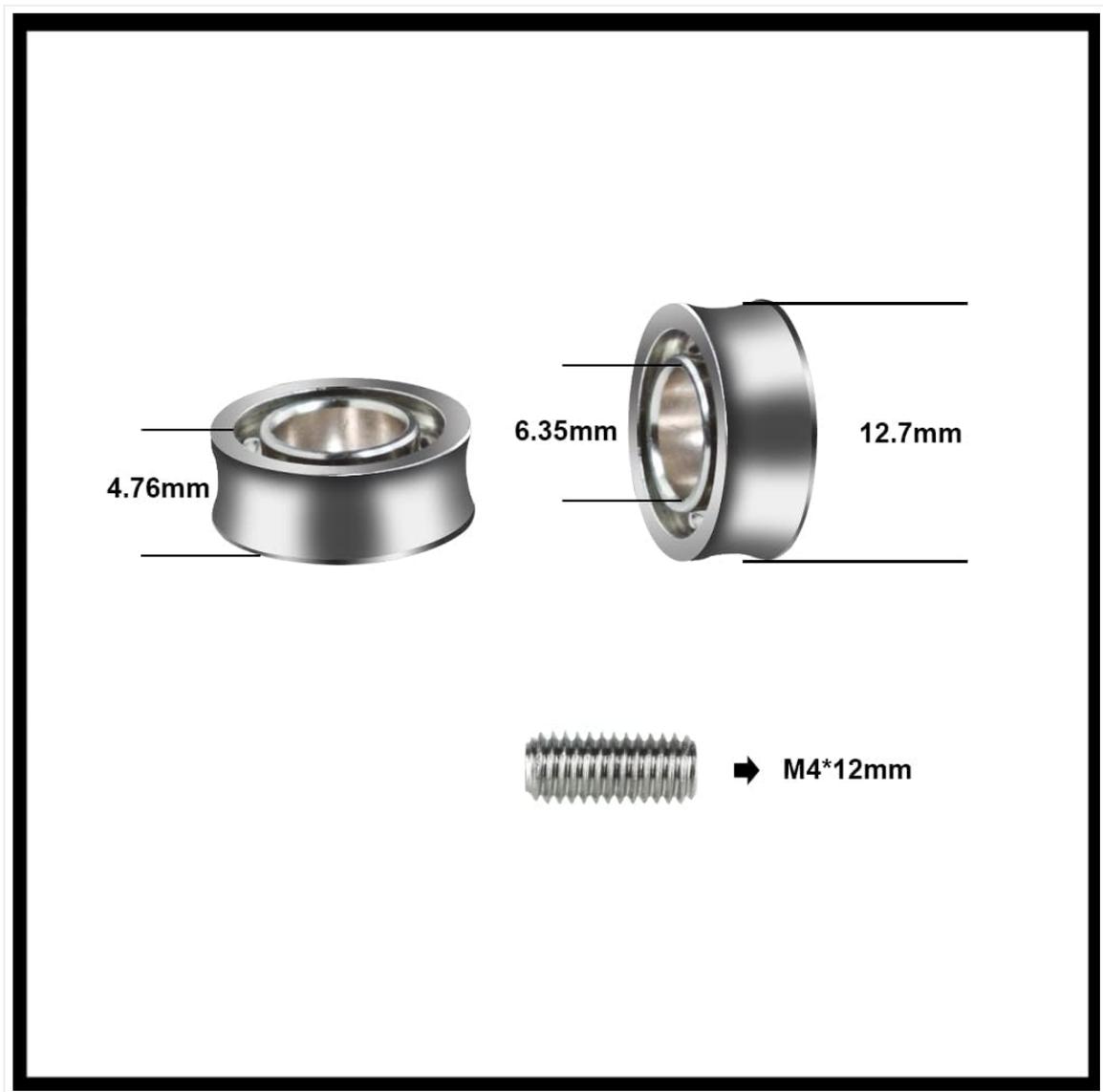


Image: Detailed diagram illustrating the dimensions of the concave bearing and long axle.

5. **Reassemble Yoyo:** Screw the two yoyo halves back together, ensuring they are tightened securely but not excessively.

Stringing the Yoyo:

After assembly, you will need to string your yoyo. The kit includes replacement strings. To string an unresponsive yoyo, create a slip knot at one end of the string and place it over your middle finger. Feed the other end of the string through the gap of the yoyo, over the bearing. Wind the string around the bearing several times to create tension, then pull the string tight to secure it. The yoyo should spin freely without returning to your hand unless a 'bind' trick is performed.

Your browser does not support the video tag.

Video: This video demonstrates how to string a yoyo, which is essential after replacing components. It shows the process of attaching the string to the yoyo and preparing it for play.

OPERATING AN UNRESPONSIVE YOYO

An unresponsive yoyo, also known as a 'bind return' yoyo, requires a specific technique to return to your hand. Unlike responsive yoyos that return with a simple tug, unresponsive yoyos spin freely at the end of the string, allowing for longer trick combinations. To bring it back, you must perform a 'bind' trick, which involves creating friction between the string and the bearing.

Basic Bind Technique:

1. Throw the yoyo down hard so it spins at the end of the string.
2. Place your non-throw hand's index finger into the yoyo gap, behind the string.
3. With your throw hand, quickly pull the string upwards. This action should cause the string to catch the bearing and wind back up, returning the yoyo to your hand.

Your browser does not support the video tag.

Video: This short video demonstrates the characteristics of unresponsive yoyo bearings, which are included in this kit. It highlights how the yoyo spins freely, requiring a bind to return.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your yoyo components.

- **Bearing Cleaning:** If your yoyo's spin time decreases or it becomes responsive, the bearing may need cleaning. Carefully remove the bearing using the tool, clean it with a yoyo-specific bearing cleaner or mineral spirits, and allow it to dry completely before reinstallation.
- **String Replacement:** Yoyo strings wear out over time. Replace them regularly to prevent breakage during play. The kit includes replacement strings.
- **Axle Inspection:** Periodically check the axle for any bends or damage. A damaged axle can affect the yoyo's balance and spin. Replace if necessary.

TROUBLESHOOTING

- **Yoyo Not Spinning Freely:** Ensure the bearing is clean and properly seated. Check that the axle is straight and not overtightened.
- **Yoyo Returns Too Easily (Responsive):** This indicates the bearing might be dirty or needs lubrication. Clean the bearing as described in the Maintenance section. Ensure you are using an unresponsive bearing.
- **Difficulty with Binding:** Practice the bind technique. Ensure the string is properly wound around the bearing before attempting the bind. A worn string can also affect binding; replace if needed.
- **Vibration During Play:** Check if the yoyo halves are screwed together tightly. Inspect the axle for any bends. A damaged bearing can also cause vibration.

SPECIFICATIONS

Component	Specification
Concave Bearing	R188K (6.35mm x 12.7mm x 4.76mm)
Long Axle	M4 x 12mm
Bearing Remover Tool	Length: 68mm; Width: 6.3mm
Item Weight	1.76 ounces (0.05 Kilograms)
Product Dimensions	2.68"L x 0.25"W (for remover tool)
Recommended Age	8 months and up (for yoyo use)

WARRANTY AND SUPPORT

For warranty information or product support, please refer to the packaging or contact CHEE MONG customer service directly. Keep your purchase receipt for any warranty claims.