

05-0401-3

Clutch Cable User Manual

Model: 05-0401-3 | Brand: Generic

1. INTRODUCTION

This manual provides essential information for the installation, maintenance, and troubleshooting of your new replacement clutch cable for Yamaha Off-road Motorcycles.

1.1. Product Overview

This clutch cable is designed as a direct replacement for specific Yamaha YZ125 and YZ125X models. It is constructed from durable black vinyl and stainless steel to ensure reliable performance.

- **Compatibility:** Yamaha YZ125 (2006-2023), Yamaha YZ125X (2020-2023)
- **Material:** Black Vinyl, Stainless Steel
- **OE/OEM Part Numbers:** 1C3-26335-90-00, 1SR-26335-00-00

1.2. What's in the Box

- 1 x Clutch Cable



Figure 1: Overview of the replacement clutch cable.



Figure 2: Detailed view of the clutch cable ends, showing the vinyl casing and stainless steel wire.

2. SAFETY INFORMATION

Always prioritize safety when working on your motorcycle. Improper installation or maintenance can lead to serious injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure the motorcycle is stable and securely supported before beginning any work.
- Allow the engine and exhaust to cool down completely before handling components.
- If you are unsure about any step of the installation process, consult a qualified motorcycle mechanic.
- Keep all tools and small parts organized to prevent loss or accidental damage.

3. INSTALLATION GUIDE

This section outlines the general steps for replacing a clutch cable. Specific procedures may vary slightly depending on your motorcycle's exact configuration. Refer to your motorcycle's service manual for detailed instructions.

1. Preparation:

- Park the motorcycle on a level surface using a stand to ensure stability.
- Gather necessary tools: wrenches, pliers, cable lubricant, and a new clutch cable.

2. Remove Old Cable:

- At the clutch lever on the handlebar, loosen the clutch cable adjuster and remove the cable end from the lever.
- Follow the cable down to the engine side (clutch arm). Loosen any retaining nuts or clamps and detach the cable end from the clutch arm.
- Carefully pull the old cable out from its routing points, noting its path to ensure correct routing of the new cable.

3. Install New Cable:

- Apply a small amount of cable lubricant to the inner wire of the new clutch cable.
- Route the new cable along the same path as the old one, ensuring it does not kink or interfere with other components (e.g., steering, suspension, hot engine parts).
- Attach the engine side of the cable to the clutch arm, securing any retaining nuts or clamps.
- Attach the handlebar side of the cable to the clutch lever.

4. Adjust Clutch Cable:

- Ensure there is a small amount of free play (typically 2-3mm) at the clutch lever before the clutch begins to engage.
- Use the inline adjuster on the cable and/or the adjuster at the clutch lever to achieve the correct free play.
- Once adjusted, tighten any lock nuts on the adjusters.

5. Final Check:

- Operate the clutch lever several times to ensure smooth operation and proper engagement/disengagement.
- Check for any binding or excessive friction.
- Turn the handlebars from lock to lock to ensure the cable does not bind or pull, which could affect clutch operation.

Note: Incorrect cable routing or adjustment can lead to premature wear, poor clutch performance, or safety hazards. If in doubt, seek professional assistance.

4. OPERATING CONSIDERATIONS

After installation, proper operation of the clutch is crucial for safe riding and longevity of the component.

- **Clutch Feel:** The clutch lever should feel smooth and consistent throughout its travel. Any grittiness or excessive stiffness may indicate a routing issue or a need for further lubrication.
- **Engagement Point:** Familiarize yourself with the clutch's engagement point. It should be consistent and allow for smooth starts and gear changes.
- **Regular Checks:** Periodically check the clutch lever free play. It can change over time due to cable stretch or wear.

5. MAINTENANCE

Regular maintenance extends the life of your clutch cable and ensures optimal performance.

- **Lubrication:** Lubricate the inner wire of the clutch cable periodically (e.g., every 3-6 months or after riding in wet conditions)

using a dedicated cable lubricant. This prevents corrosion and ensures smooth operation.

- **Inspection:** Regularly inspect the entire length of the cable for signs of fraying, kinking, cracking in the outer casing, or corrosion. Pay close attention to the ends where the cable attaches to the lever and clutch arm.
- **Adjustment:** Check and adjust clutch lever free play as needed. Refer to your motorcycle's service manual for the recommended free play specification.
- **Cleaning:** Keep the cable and its routing points clean from dirt and debris.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your clutch cable.

| Problem | Possible Cause | Solution |
|---|---|---|
| Stiff or Gritty Clutch Lever | Lack of lubrication, kinked cable, internal corrosion, improper routing. | Lubricate cable, check cable routing for kinks, inspect for corrosion, re-route if necessary. |
| Clutch Not Fully Disengaging (Dragging) | Insufficient free play, cable stretch, improper adjustment. | Adjust clutch cable free play, ensure proper tension. If cable is stretched excessively, replacement may be needed. |
| Clutch Not Fully Engaging (Slipping) | Excessive free play, cable binding, clutch components worn (less likely cable issue). | Adjust clutch cable free play to reduce slack. Check for cable binding. If problem persists, inspect clutch plates. |
| Cable Fraying or Breaking | Wear and tear, improper routing causing friction, corrosion, manufacturing defect. | Replace the cable immediately. Ensure correct routing to prevent future fraying. |

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional motorcycle mechanic.

7. SPECIFICATIONS

| Attribute | Detail |
|---------------------|--|
| Product Type | Replacement Clutch Cable |
| Brand | Generic |
| Model Number | 05-0401-3 |
| Compatible Models | Yamaha YZ125 (2006-2023), YZ125X (2020-2023) |
| Material | Black Vinyl, Stainless Steel |
| OE/OEM Part Numbers | 1C3-26335-90-00, 1SR-26335-00-00 |
| Manufacturer | Motor Buddies |
| Country of Origin | China |

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Motor Buddies

For further assistance, you may refer to the product listing on Amazon:[Product Page](#)

