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> [MOTOMASTER Motorcycle Clutch Cable for Honda VT 750 C/CA \(22870-MEG-A40\) Instruction Manual](#)

MotoMaster 154-408

MOTOMASTER Motorcycle Clutch Cable Instruction Manual

Compatible with Honda VT 750 C and VT 750 CA (2008-2009)

1. INTRODUCTION

This manual provides essential information for the installation, maintenance, and troubleshooting of your new MotoMaster Motorcycle Clutch Cable. This cable is designed to meet original equipment specifications, ensuring a precise fit and reliable performance for compatible Honda motorcycle models. Please read these instructions thoroughly before proceeding with installation or maintenance.

Safety Warning: Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when working on your motorcycle. Ensure the motorcycle is stable and turned off before beginning any work. If you are unsure about any step, consult a qualified motorcycle mechanic.

2. PRODUCT COMPATIBILITY

The MotoMaster Clutch Cable (OEM Part Number: 22870-MEG-A40, Manufacturer Part Number: 154-408) is compatible with the following Honda motorcycle models:

- Honda VT 750 C (2008-2009)
- Honda VT 750 CA (2008-2009)

Please verify your motorcycle's make, model, and year against this list to ensure proper fitment. Refer to the fitment table image below for visual confirmation.

| # | Brand | Fitment | Start Year | End Year |
|---|-------|-----------|------------|----------|
| 1 | Honda | VT 750 C | 2008 | 2009 |
| 2 | Honda | VT 750 CA | 2008 | 2009 |

Image 1: Fitment table showing compatible Honda VT 750 C and VT 750 CA models for years 2008-2009.

3. PRODUCT FEATURES

This MotoMaster clutch cable is engineered for durability and performance:

- **OEM Standard:** Manufactured to original equipment specifications for a perfect fit and function.
- **High-Quality Materials:** Constructed with a durable outer wire featuring Teflon and a robust inner wire made from corrosion-retardant alloy.

- **Reduced Friction:** Production methods are utilized to minimize friction from everyday use, enhancing cable longevity.
- **Weather Resistance:** Oiled with a special compound to resist freezing in low temperatures and prevent dust attraction, maintaining flexibility and performance in various conditions.
- **Polyimide Lining:** The inside of the outer cable and all metal components are coated with a high-quality polyimide lining, protecting the inner cable from friction and wear.
- **Durability:** Designed to resist stretching and seizing, increasing its resistance to environmental elements.





Image 2: Overhead view of the MotoMaster Motorcycle Clutch Cable, coiled for packaging, showcasing its black outer casing and metal ends.

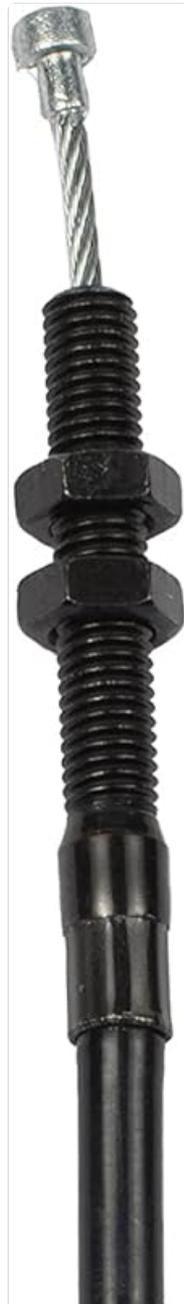




Image 3: Close-up view of one end of the clutch cable, showing the threaded adjuster and retaining nuts, designed for precise tension adjustment.





Image 4: Close-up view of the other end of the clutch cable, featuring a barrel nipple for secure attachment to the clutch lever or mechanism.

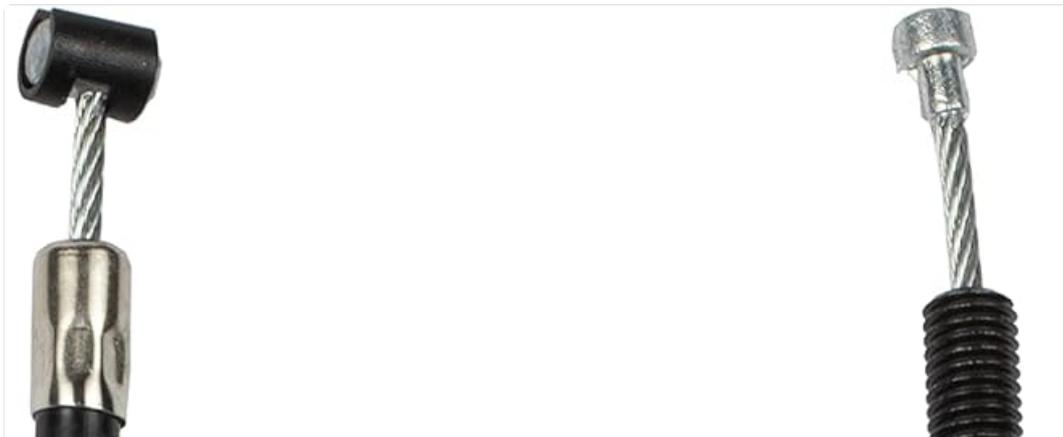




Image 5: A full-length view of the MotoMaster Clutch Cable, laid out straight, highlighting its overall construction and length.

4. SETUP AND INSTALLATION

Installing a clutch cable requires careful attention to detail. Refer to your motorcycle's service manual for specific instructions and torque specifications. The following are general steps:

1. **Preparation:** Park the motorcycle on a level surface using a center stand or paddock stand. Ensure the engine is off and cool. Disconnect the negative terminal of the battery to prevent accidental starting.
2. **Access:** Locate the clutch lever at the handlebar and the clutch arm mechanism on the engine casing. You may need to remove fairings or covers to gain access.
3. **Remove Old Cable:**
 - At the clutch lever, loosen the adjuster nuts and remove the cable end from the lever perch.
 - At the engine, loosen the adjuster nuts and remove the cable end from the clutch arm.
 - Carefully unroute the old cable from its guides and clips along the frame. Note its routing path.
4. **Install New Cable:**
 - Route the new MotoMaster clutch cable along the exact path of the old cable, securing it with existing guides and clips. Ensure there are no sharp bends or kinks.
 - Connect the cable end to the clutch arm on the engine, ensuring it is seated correctly.
 - Connect the other cable end to the clutch lever perch at the handlebar.
5. **Initial Adjustment:**
 - Adjust the cable tension using the adjusters at both the lever and the engine. Aim for the recommended amount of free play at the clutch lever (typically 10-20mm, consult your service manual).
 - Ensure the clutch fully disengages when the lever is pulled and fully engages when released.
6. **Final Checks:** Reconnect the battery. Start the engine and test the clutch operation at a standstill. Ensure smooth engagement and disengagement. Check for any binding or unusual noises. Reinstall any removed fairings or covers.

For a visual guide on clutch cable installation, you may refer to the following video:

Your browser does not support the video tag.

Video 1: A demonstration of clutch cable installation on a Honda Shadow Aero 750 VT750C. This video provides a visual aid for the general process of replacing a motorcycle clutch cable.

5. OPERATING THE CLUTCH CABLE

The clutch cable is a mechanical component that transmits the force from the clutch lever to the clutch mechanism, allowing for engagement and disengagement of the engine from the transmission. Proper operation relies on correct installation and adjustment. Ensure the clutch lever operates smoothly without excessive force or binding. Any unusual feel or sound during clutch operation should be investigated.

6. MAINTENANCE

Regular maintenance extends the life of your clutch cable and ensures safe operation:

- **Inspection:** Periodically inspect the entire length of the cable for fraying, kinks, corrosion, or damage to the outer casing. Check the cable ends for wear.
- **Lubrication:** Lubricate the inner cable with a suitable cable lubricant at regular intervals (e.g., every 3,000-5,000 miles or as recommended by your motorcycle's service manual). This helps reduce friction and prevents corrosion.
- **Adjustment:** Regularly check and adjust the clutch cable free play at the lever. Incorrect free play can lead to

premature clutch wear or difficulty shifting.

- **Cleanliness:** Keep the cable and its entry points into the casing clean from dirt and debris.

7. TROUBLESHOOTING

Common issues and their potential solutions:

- **Stiff Clutch Lever:**
 - *Cause:* Lack of lubrication, kinked cable, internal corrosion, or worn cable.
 - *Solution:* Lubricate the cable. Check for proper routing. If lubrication does not resolve the issue, consider replacing the cable.
- **Excessive Clutch Lever Free Play:**
 - *Cause:* Cable stretch, incorrect adjustment.
 - *Solution:* Adjust the cable tension at the lever and/or engine side until the correct free play is achieved.
- **Insufficient Clutch Lever Free Play:**
 - *Cause:* Incorrect adjustment.
 - *Solution:* Loosen the cable tension until the correct free play is achieved.
- **Clutch Not Fully Disengaging (Dragging):**
 - *Cause:* Insufficient cable tension, worn clutch plates, or bent clutch arm.
 - *Solution:* Adjust cable tension. If the problem persists, inspect the clutch mechanism.
- **Clutch Not Fully Engaging (Slipping):**
 - *Cause:* Excessive cable tension, worn clutch plates.
 - *Solution:* Ensure proper free play. If slipping continues, the clutch plates may need inspection or replacement.

8. SPECIFICATIONS

| Specification | Detail |
|--------------------------|---|
| Brand | MotoMaster |
| Manufacturer Part Number | 154-408 |
| OEM Part Number | 22870-MEG-A40 |
| Item Weight | 7.6 ounces |
| Package Dimensions | 11.3 x 9.61 x 0.39 inches |
| Material | High-quality rubber and stainless steel with Teflon outer wire and corrosion-retardant alloy inner wire |

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your MotoMaster Clutch Cable, please contact the seller directly through your purchase platform. Provide your order details and the product's OEM or manufacturer part number for efficient assistance.

