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Motion Pro 01-0203

Motion Pro 01-0203 Universal Clutch Cable Instruction Manual

Model: 01-0203

INTRODUCTION

This manual provides essential instructions for the proper installation, adjustment, and maintenance of your Motion Pro 01-0203 Universal Clutch Cable. Adhering to these guidelines will help ensure optimal performance and longevity of the product. Please read this manual thoroughly before beginning any work.

SAFETY INFORMATION

Always prioritize safety when working on any vehicle. Improper installation or maintenance can lead to serious injury or damage. If you are unsure about any step, consult a qualified mechanic. Always wear appropriate personal protective equipment, such as gloves and eye protection.

- Ensure the vehicle is stable and secured before beginning work.
- Disconnect the battery if working near electrical components.
- Use correct tools for each task.
- Do not overtighten fasteners.

PRODUCT OVERVIEW

The Motion Pro 01-0203 is a universal competition release clutch cable designed for various applications. It features a durable black vinyl casing and a smooth operating inner wire, engineered for reliable clutch engagement and disengagement.

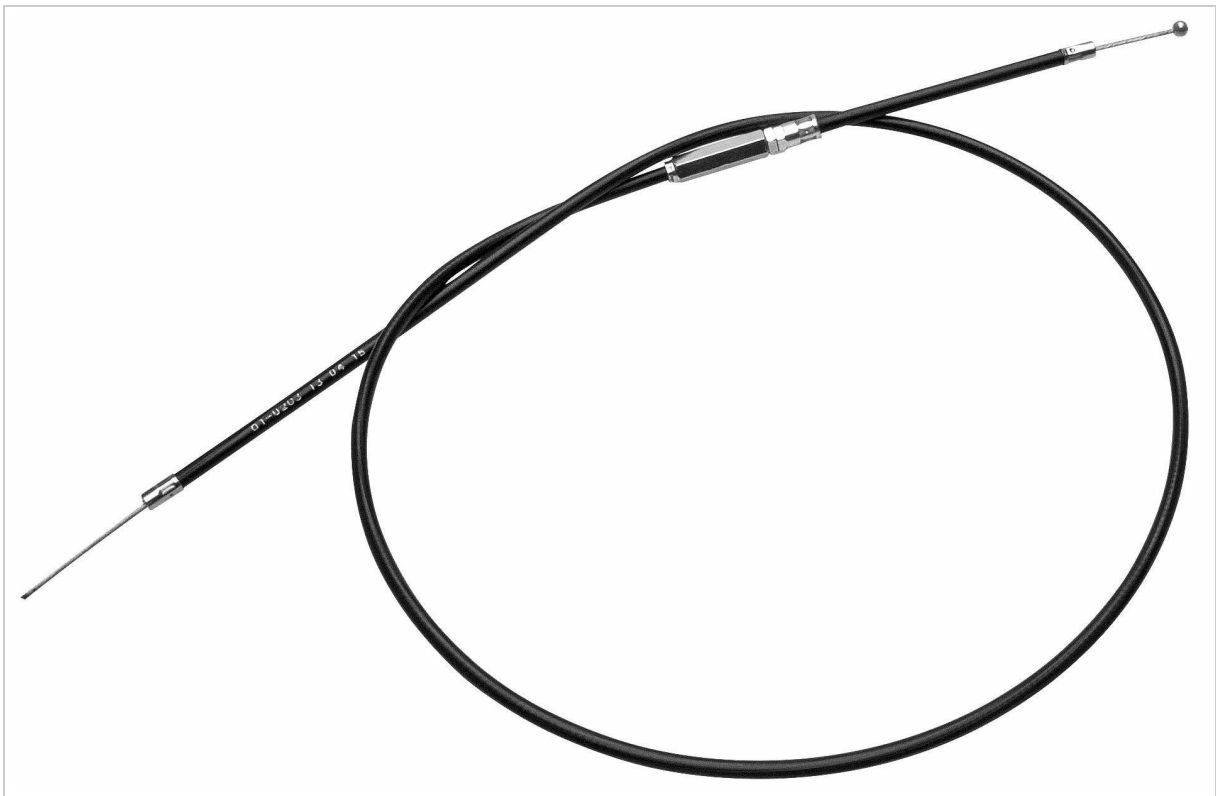


Image: The Motion Pro 01-0203 Universal Clutch Cable, featuring a black vinyl outer casing and a visible inner wire with end fittings. The cable is coiled for display.

SETUP AND INSTALLATION

This section outlines the general steps for installing the universal clutch cable. Specific vehicle requirements may vary.

Tools Required:

- Wrenches (appropriate sizes for your vehicle)
- Screwdrivers
- Cable lubricant (e.g., Motion Pro Cable Luber and lubricant)
- Pliers

Installation Steps:

1. **Preparation:** Ensure the vehicle is off and cooled down. Locate the existing clutch cable routing.
2. **Remove Old Cable:** Disconnect the old clutch cable from both the clutch lever (handlebar) and the clutch arm (engine/transmission side). Carefully note its routing.
3. **Lubricate New Cable:** Before installation, lubricate the inner wire of the new Motion Pro cable. Use a cable luber tool for best results, ensuring lubricant reaches the entire length of the inner wire.
4. **Route New Cable:** Route the new cable along the same path as the old one, ensuring it does not kink, rub against sharp edges, or interfere with steering or suspension components.
5. **Connect to Clutch Arm:** Attach the engine-side fitting of the new cable to the clutch arm. Ensure it is securely seated.
6. **Connect to Clutch Lever:** Attach the lever-side fitting to the clutch lever.
7. **Initial Adjustment:** Adjust the cable tension using the inline adjusters (if present) and the lever adjuster to achieve the recommended amount of free play at the clutch lever (typically 2-3mm). Refer to your vehicle's service manual for specific free play recommendations.

8. **Test Operation:** With the engine off, operate the clutch lever several times to ensure smooth movement and proper engagement/disengagement. Check for any binding or excessive slack.
9. **Final Check:** Start the engine and test the clutch operation at low speeds in a safe area. Re-adjust if necessary.

OPERATING

Once installed and properly adjusted, the Motion Pro 01-0203 clutch cable should provide smooth and consistent clutch operation. Always ensure the clutch lever has the correct amount of free play to prevent premature clutch wear or slippage. Avoid aggressive or sudden clutch releases that can strain the cable and clutch components.

MAINTENANCE

Regular maintenance is crucial for extending the life of your clutch cable and ensuring safe operation.

- **Inspection:** Periodically inspect the entire length of the cable for signs of wear, fraying, kinking, or damage to the outer casing. Check the end fittings for security.
- **Lubrication:** Lubricate the inner wire of the clutch cable every 3,000-5,000 miles (or as recommended by your vehicle's manufacturer) using a high-quality cable lubricant. This prevents corrosion and ensures smooth operation.
- **Adjustment:** Check and adjust clutch lever free play regularly. Changes in temperature or cable stretch can affect free play.
- **Cleaning:** Keep the cable and its routing path free from dirt, grime, and debris.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Stiff or sticky clutch lever	Lack of lubrication, kinked cable, internal corrosion	Lubricate cable, check routing for kinks, replace if damaged.
Clutch not fully engaging/disengaging	Incorrect cable adjustment, stretched cable, worn clutch components	Adjust free play, inspect cable for stretch, consult mechanic for clutch inspection.
Cable fraying or breaking	Excessive wear, improper routing, age	Replace cable immediately. Ensure correct routing to prevent future wear.

SPECIFICATIONS

- **Model:** 01-0203
- **Brand:** Motion Pro
- **Type:** Universal Competition Release Clutch Cable
- **Casing:** Black Vinyl
- **Application:** Various motorcycle and ATV models (universal fitment requires adaptation)

WARRANTY AND SUPPORT

Motion Pro products are manufactured to high standards. For information regarding warranty coverage, claims, or technical support, please refer to the official Motion Pro website or contact their customer service department directly. Keep your purchase receipt as proof of purchase.

