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Rekluse RMS-7913095

Rekluse RadiusCX Auto Clutch Instruction Manual

MODEL: RMS-7913095

Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your Rekluse RadiusCX Auto Clutch. Please read this manual thoroughly before attempting installation or operation to ensure proper function and safety.

Product Overview

The Rekluse RadiusCX is an advanced auto clutch system designed to enhance motorcycle performance by preventing engine stalls and optimizing power delivery. It integrates the EXP auto clutch disk, billet aluminum Core components, and TorqDrive friction disk technology. This system offers improved durability, consistent lever control, and more direct power transfer, allowing riders to focus on their line without manual clutch engagement.



Image Description: This image displays the complete Rekluse RadiusCX Auto Clutch system. Key components visible include the black Rekluse branded clutch cover, the main clutch basket assembly with its internal plates, and several smaller springs and friction disks. These parts collectively form the advanced auto clutch system designed for enhanced motorcycle performance.

Setup and Installation

Important Safety Notice: Installation of this clutch system requires mechanical expertise. If you are not confident in your ability to perform this installation, seek assistance from a qualified motorcycle technician. Ensure the motorcycle is stable and cool before beginning.

- 1. Prepare the Motorcycle:** Park the motorcycle on a level surface using a stand. Allow the engine to cool completely. Drain the engine oil and coolant if necessary, following your motorcycle's service manual.
- 2. Remove Stock Clutch Components:** Carefully remove the stock clutch cover, pressure plate, friction plates, steel plates, and springs. Inspect the clutch basket for any wear or damage.
- 3. Install Rekluse Components:** Follow the specific instructions provided with your Rekluse RadiusCX kit for the precise order and orientation of the EXP disk, Core components, and TorqDrive friction disks. Ensure all components are seated correctly.
- 4. Install Pressure Plate and Springs:** Place the Rekluse pressure plate and springs according to the kit instructions. Torque the pressure plate bolts to the manufacturer's specifications.
- 5. Install Clutch Cover:** Clean the clutch cover mating surfaces and install a new gasket. Secure the clutch cover, tightening bolts to the recommended torque.
- 6. Refill Fluids:** Refill the engine with the recommended oil and coolant to the correct levels.
- 7. Clutch Lever Adjustment:** Adjust the clutch lever free play according to Rekluse guidelines. The RadiusCX system typically requires minimal or no lever input for automatic engagement, but proper adjustment ensures optimal performance and feel.
- 8. Initial Break-in:** Perform a short break-in period as recommended by Rekluse to allow the clutch components to seat properly.

Operating Instructions

The Rekluse RadiusCX Auto Clutch is designed to provide automatic clutch engagement and disengagement, preventing stalls and optimizing power delivery.

- **Starting:** The clutch will automatically engage when the engine RPM increases and disengage when RPM drops, allowing for smooth starts without using the clutch lever.
- **Riding:** You can ride without manually operating the clutch lever. The system manages engagement and disengagement based on engine speed.
- **Shifting:** For upshifts and downshifts, you can shift gears without using the clutch lever. For smoother shifts, especially under heavy load, a brief throttle chop or slight use of the clutch lever can be applied.
- **Stopping:** The clutch will automatically disengage as the engine RPM decreases, preventing stalls when coming to a stop.
- **Manual Override:** The clutch lever remains fully functional for manual operation, allowing for traditional clutch control when desired, such as for aggressive starts or specific riding techniques.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Rekluse RadiusCX Auto Clutch.

- **Oil Changes:** Adhere to your motorcycle manufacturer's recommended oil change intervals. Use high-quality motorcycle-specific oil.
- **Clutch Inspection:** Periodically inspect the clutch components for wear, especially the friction plates and steel plates. Refer to the Rekluse kit instructions for wear limits.
- **Clutch Adjustment:** Check and adjust clutch lever free play as needed. The RadiusCX system is designed for minimal adjustment over time due to its TorqDrive friction disks.
- **Cleanliness:** Keep the clutch area clean and free from debris.
- **Component Replacement:** Replace worn components with genuine Rekluse parts to maintain performance and reliability.

Troubleshooting

This section addresses common issues you might encounter with your Rekluse RadiusCX Auto Clutch.

Problem	Possible Cause	Solution
Clutch drags or does not fully disengage.	Incorrect clutch lever adjustment, worn components, improper installation.	Adjust clutch lever free play. Inspect and replace worn friction or steel plates. Re-verify installation steps.
Clutch slips under acceleration.	Worn friction plates, incorrect oil type, improper spring tension.	Inspect and replace worn friction plates. Ensure correct motorcycle-specific oil is used. Verify spring installation.
Difficulty finding neutral.	Clutch dragging slightly, incorrect idle speed.	Adjust clutch lever free play. Ensure engine idle speed is set correctly according to motorcycle manufacturer specifications.
Unusual noises from clutch area.	Loose components, damaged clutch basket, foreign debris.	Immediately stop operation. Inspect clutch components for proper seating and damage. Remove any debris.

Specifications

Feature	Detail
Brand	Rekluse
Model Number	RMS-7913095
Item Weight	4.55 pounds
Package Dimensions	12.2 x 9.29 x 3.19 inches
Compatibility	KTM HQV 250 350 FE EXC-F 2017-2022
Technology	EXP auto clutch disk, billet aluminum Core components, TorqDrive friction disk technology

Warranty and Support

For specific warranty information and technical support, please refer to the official Rekluse website or contact Rekluse customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: Rekluse

Website: www.rekluse.com (Example link, actual link may vary)

