

Rekluse RMS-6313085

Rekluse RadiusX TorqDrive Clutch Kit (RMS-6313085) User Manual

Model: RMS-6313085

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Rekluse RadiusX TorqDrive Clutch Kit. Please read these instructions thoroughly before proceeding with installation or use to ensure proper function and longevity of the product.

2. PRODUCT OVERVIEW

The Rekluse RadiusX TorqDrive Clutch Kit is a high-performance, stall-preventing auto clutch system designed to enhance your riding experience. It integrates TorqDrive friction disk technology with the innovative EXP (auto clutch) disk, allowing for more clutch disks within the stock clutch framework. This design delivers superior auto-clutch functionality, preventing engine stalls and enabling the rider to focus on terrain and control.

Key features include:

- **Stall Prevention:** Automatically disengages the clutch at low RPMs to prevent engine stalls.
- **Increased Power Transfer:** Offers enhanced power delivery compared to original equipment manufacturer (OEM) clutches.
- **On-the-Fly External Adjustment:** Allows for quick adjustments without disassembly.
- **Extended Clutch Life:** TorqDrive friction disks contribute to longer clutch life and reduced adjustment frequency.
- **Standard Lever Function:** Retains full functionality of the standard clutch lever for manual override.



An image showing the various components of the Rekluse RadiusX TorqDrive Clutch Kit, including friction plates and the EXP disk, ready for installation.

3. COMPATIBILITY

This Rekluse RadiusX TorqDrive Clutch Kit (RMS-6313085) is compatible with the following motorcycle models:

- Husqvarna FE 250 (2017-2019)
- Husqvarna FE 350 (2017-2019)
- Husqvarna FE 350 S (2017)
- KTM 250 EXC-F (2017-2019)
- KTM 250 EXC-F SIX-DAYS (2017)
- KTM 350 EXC-F (2017-2019)
- KTM 350 EXC-F SIX-DAYS (2017-2018)

Always verify compatibility with your specific vehicle model and year before installation.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your Rekluse RadiusX clutch. It is highly recommended that installation be performed by a qualified technician or an individual with extensive mechanical experience.

For detailed, step-by-step installation instructions, please refer to the official Rekluse support documentation:

[Download Official Installation Guide
\(PDF\)](#)

This guide provides comprehensive instructions specific to the RadiusX DDS clutch system, including necessary tools, torque specifications, and critical adjustment procedures.

5. OPERATING INSTRUCTIONS

The Rekluse RadiusX clutch is designed to provide an automatic clutch experience while retaining the option for manual lever control. Once properly installed and adjusted, the clutch will engage and disengage based on engine RPM, preventing stalls and allowing for smoother starts and stops.

- **Automatic Function:** At low engine speeds, the clutch will automatically disengage, allowing the motorcycle to remain in gear without stalling. As engine RPM increases, the clutch will engage, transferring power to the rear wheel.
- **Manual Override:** The standard clutch lever remains fully functional. You can use the lever for manual clutch engagement and disengagement, such as for aggressive starts, shifting, or specific riding techniques.
- **Starting:** The motorcycle can be started in gear without pulling the clutch lever, provided the engine is at idle.
- **Stopping:** You can come to a complete stop in any gear without pulling the clutch lever; the clutch will automatically disengage.

Familiarize yourself with the clutch's feel and response in a safe, controlled environment before riding in challenging conditions.

6. MAINTENANCE

Regular maintenance is essential to ensure the optimal performance and longevity of your Rekluse RadiusX clutch. Adhere to the following guidelines:

- **Oil Changes:** Follow your motorcycle manufacturer's recommendations for oil change intervals. Use the specified engine oil type.
- **Clutch Adjustment:** Periodically check and adjust the clutch as per the official installation guide. The external adjustment feature allows for fine-tuning without disassembling the clutch cover.
- **Inspection:** During routine maintenance, inspect clutch components for wear, damage, or signs of overheating. Pay close attention to friction plates, steel plates, and the EXP disk.
- **Cleaning:** Keep the clutch area clean and free from debris.

Refer to the official Rekluse installation and maintenance guides for detailed procedures and recommended service intervals.

7. TROUBLESHOOTING

If you encounter issues with your Rekluse RadiusX clutch, consider the following common troubleshooting steps:

- **Clutch Dragging/Not Disengaging:**

- Check clutch lever free play and adjust if necessary.
- Verify proper oil level and type.
- Inspect for worn or damaged clutch components.

- **Clutch Slipping/Not Engaging Fully:**

- Ensure the external adjustment is correctly set.
- Check for worn friction plates or incorrect stack height.
- Verify proper oil level and type.

- **Unusual Noises:**

- Investigate for loose components or foreign debris within the clutch housing.
- Consult the official installation guide for proper assembly.

For persistent issues, contact Rekluse customer support or consult a certified mechanic.

8. SPECIFICATIONS

Manufacturer	Rekluse
Brand	Rekluse
Model Number	RMS-6313085
Product Dimensions	19.05 x 19.05 x 5.08 cm
Item Weight	2.43 kg
ASIN	B07KST9Y14
Date First Available	March 5 2019

9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official Rekluse website or contact Rekluse customer service directly. Warranty terms and conditions may vary.

For technical support, additional documentation, or service inquiries, please visit the Rekluse support portal or contact their customer service department. Always provide your product model number (RMS-6313085) when seeking support.