

## Stihl 4133-195-7201

# Stihl OEM Pawl Instruction Manual

Model: 4133-195-7201

Brand: Stihl

### INTRODUCTION

---

This manual provides essential information for the Stihl OEM Pawl, part number 4133-195-7201. This component is a genuine Stihl replacement part designed for specific Stihl outdoor power equipment. Understanding its function and proper installation is crucial for the safe and efficient operation of your equipment.

### PRODUCT OVERVIEW

---

The pawl is a critical component within the starter mechanism of various Stihl engines. It engages with the flywheel to transfer the pulling force from the starter rope to the engine, initiating the starting process. A properly functioning pawl ensures reliable engine starting.



**Image 1:** Stihl OEM Pawl (Part No. 4133-195-7201). This image displays the small metal component, which is essential for the starter mechanism of Stihl outdoor power equipment.

### Key Features:

- Genuine STIHL OEM Factory Part: Ensures compatibility and performance.
- High Quality Construction: Designed for durability and reliable operation.

### COMPATIBILITY

---

This Stihl OEM Pawl (Part No. 4133-195-7201) is suitable for a range of Stihl equipment models, including but not limited to:

- FC72, FC70C
- KR85, KW85
- FS40, FS40C, FS50, FS50C, FS55, FS55C, FS55R, FS55RC, FS55T
- HT70, HT75
- KM55, KM55C, KM55R, KM55RC
- HS75, HS80, HS85
- SP81
- FH75
- BG75

Always verify the part number against your equipment's service manual or existing part to ensure correct fitment.

### INSTALLATION

---

**Safety First:** Before attempting any installation or repair, ensure the equipment's engine is off, cool, and the spark plug wire is disconnected to prevent accidental starting. Wear appropriate personal protective

equipment (PPE) such as gloves and eye protection.

1. **Access the Starter Assembly:** Depending on your specific Stihl model, you may need to remove the engine cover or starter housing to access the recoil starter assembly. Refer to your equipment's specific service manual for detailed disassembly instructions.
2. **Remove Old Pawl:** Carefully locate the existing pawl(s) within the starter mechanism. Note how they are oriented and secured (e.g., with a spring, pin, or screw). Remove the worn or damaged pawl.
3. **Install New Pawl:** Position the new Stihl OEM Pawl (4133-195-7201) in the exact orientation as the one removed. Ensure any associated springs or pins are correctly seated to allow for proper engagement and retraction.
4. **Test Engagement:** Before reassembling, gently pull the starter rope a few times to confirm that the new pawl engages with the flywheel cup and retracts smoothly.
5. **Reassemble:** Reattach the starter housing and any other covers removed during the process. Ensure all fasteners are securely tightened.
6. **Final Check:** Reconnect the spark plug wire. Perform a test start to ensure the engine starts correctly and the starter mechanism functions as expected.

If you are unsure about any step, it is recommended to consult a qualified Stihl service technician.

## OPERATION

---

The pawl is an internal component of the recoil starter. Its operation is integral to the starting process of your Stihl equipment. When the starter rope is pulled, the pawl extends to engage with the flywheel, turning the engine. Once the engine starts, the pawl retracts, disengaging from the flywheel. Proper function of the pawl is essential for the starter to work effectively.

## MAINTENANCE

---

Regular maintenance of your Stihl equipment, including the starter assembly, can prolong the life of components like the pawl. While the pawl itself does not require specific routine maintenance, consider the following:

- **Keep Clean:** Periodically clean the starter assembly area to prevent dirt, dust, and debris from interfering with the pawl's movement.
- **Inspect for Wear:** During other maintenance tasks, inspect the pawl for signs of wear, such as rounded edges or cracks. Replace if significant wear is observed.
- **Lubrication:** Lightly lubricate pivot points of the pawl with a suitable dry lubricant if recommended by your equipment's service manual. Avoid excessive lubrication that could attract dirt.

## TROUBLESHOOTING

---

If your Stihl equipment is experiencing starting issues, the pawl could be a contributing factor. Consider these troubleshooting steps:

- **Starter Rope Pulls Freely, Engine Does Not Turn:** This often indicates that the pawl is not engaging with the flywheel. The pawl may be worn, broken, or stuck.
- **Starter Rope Does Not Retract:** The pawl might be stuck in the engaged position or its return spring is damaged.
- **Grinding Noise During Starting:** Could indicate improper engagement or excessive wear on the pawl or flywheel cup.

In these situations, inspect the pawl and the entire starter assembly. Replace the pawl if it shows signs of damage or excessive wear. Ensure all components are clean and move freely.

## SPECIFICATIONS

Attribute	Value
Part Number	4133-195-7201
Manufacturer	Stihl
Item Weight	3.2 ounces
Package Dimensions	3.1 x 2 x 0.03 inches

## WARRANTY AND SUPPORT

Information regarding the specific warranty for this Stihl OEM Pawl (Part No. 4133-195-7201) is not provided in this document. For warranty details, please refer to the documentation included with your original Stihl equipment or contact an authorized Stihl dealer. For technical support or further assistance, please contact your local authorized Stihl service center.