

## POWER PRODUCTS Recoil Starter PRE 4550i

### POWER PRODUCTS Recoil Starter Instruction Manual

Model: Recoil Starter PRE 4550i

#### 1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your POWER PRODUCTS Recoil Starter. This recoil starter is designed as a replacement part for specific Predator Inverter Generators. Please read this manual thoroughly before attempting any installation or operation to ensure safe and correct usage.

#### 2. SAFETY INFORMATION

- Always disconnect the spark plug wire from the spark plug before performing any maintenance or installation to prevent accidental starting.
- Ensure the generator's fuel valve is closed and the engine is cool before working on it.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, when handling tools and parts.
- Keep children and bystanders away from the work area.
- If you are unsure about any step, consult a qualified technician.

#### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1X Recoil Starter Assembly (including handle and bolts)

#### 4. SPECIFICATIONS

Product Dimensions	8.5 x 6.9 x 1.5 inches
Item Weight	15.2 ounces
Mounting Hole Distance	6-1/4 inches (160mm)
Manufacturer	POWER PRODUCTS

## 5. COMPATIBILITY

This recoil starter is a replacement part for Predator Inverter Generators with 4550-Watt Surge and 3650-Watt Running capacity. It is compatible with SKU# 59192, 59189, and 59303.

**Important Note:** Harbor Freight sources Predator 4550 inverter generators from two different OEM manufacturers. Due to these variations, some parts may not be interchangeable. It is crucial to verify the dimensions and appearance of your existing recoil starter against the product images and specifications provided in this manual before installation.



Image 1: Recoil Starter with key dimensions (mounting hole distance 6-1/4 inches / 160mm) for compatibility verification.

## 6. SETUP AND INSTALLATION

Follow these steps to replace your generator's recoil starter:

1. **Prepare the Generator:** Ensure the generator is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting. Close the fuel valve.
2. **Locate the Old Recoil Starter:** Identify the existing recoil starter assembly on your generator.

3. **Remove Mounting Bolts:** Using an appropriate wrench or socket, carefully remove the bolts securing the old recoil starter to the generator housing. Keep these bolts for reuse if they are in good condition, or use the new bolts provided.
4. **Remove Old Starter:** Gently pull the old recoil starter away from the generator. Be mindful of any gaskets or seals that may be present.
5. **Install New Recoil Starter:** Position the new POWER PRODUCTS Recoil Starter onto the generator, aligning the mounting holes with those on the generator housing. Ensure the starter rope is accessible and the mechanism sits flush.
6. **Secure with Bolts:** Insert and tighten the mounting bolts. Do not overtighten, as this can damage the housing.
7. **Reconnect Spark Plug:** Once the new starter is securely installed, reconnect the spark plug wire.



Image 2: Front view of the Recoil Starter, showing the handle and mounting points.

## 7. OPERATING INSTRUCTIONS

To start your generator using the new recoil starter:

1. **Prepare Generator:** Ensure the generator has sufficient fuel and oil, and the choke is set correctly according to your generator's manual.
2. **Engage Starter:** Grasp the recoil starter handle firmly. Pull the handle slowly until you feel resistance. This indicates the starter pawls have engaged the flywheel.

3. **Start Engine:** Once resistance is felt, pull the handle with a rapid, continuous motion. Do not release the handle until the rope is fully extended. Allow the rope to retract slowly and smoothly.
4. **Repeat if Necessary:** If the engine does not start on the first pull, repeat the process.



Image 3: Angled view of the Recoil Starter, showing the internal mechanism and handle.

## 8. MAINTENANCE

Regular maintenance helps ensure the longevity and proper function of your recoil starter:

- **Keep Clean:** Periodically clean the recoil starter assembly to remove dirt, dust, and debris that could interfere with its operation.
- **Inspect Rope:** Regularly inspect the starter rope for signs of fraying, cuts, or excessive wear. Replace the rope if damage is observed.
- **Check Mounting:** Ensure all mounting bolts remain tight. Loose bolts can cause vibration and damage.
- **Storage:** When not in use for extended periods, store the generator in a clean, dry environment.

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Starter rope does not retract fully.	Debris inside the housing; damaged recoil spring.	Remove debris. If the spring is damaged, professional service or replacement of the starter assembly may be required.
Starter rope pulls but does not engage the engine.	Starter pawls are stuck or damaged; debris preventing engagement.	Inspect for debris. If pawls are damaged, replacement of the starter assembly is necessary.

Generator does not start after multiple pulls.	Issue with the generator engine (fuel, spark, compression).	This is likely not a recoil starter issue. Refer to your generator's owner's manual for engine troubleshooting.
------------------------------------------------	-------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

## 10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your POWER PRODUCTS Recoil Starter, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.