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› Honda HRX2172HXA HRX2172VKA Lawn Mower Recoil Starter Assembly Instruction Manual

Honda 81824217029342650

Honda HRX2172HXA HRX2172VKA Lawn Mower Recoil Starter Assembly Instruction Manual

Genuine OEM Part for Honda Walk-Behind Lawn Mowers

1. PRODUCT OVERVIEW

This document provides instructions for the installation, operation, and maintenance of the Genuine OEM Honda Recoil Starter Assembly. This part is designed for specific Honda HRX2172HXA and HRX2172VKA walk-behind lawn mower models. Ensure your engine's serial number falls within the range of GJAAA-1000001 to GJAAA-2665464 for proper compatibility.

Using genuine Honda parts ensures optimal performance and longevity for your equipment.

HONDA

GENUINE PARTS
Honda Motor Co., Ltd.

ORIGINAL HONDA PART

Made By Honda for Honda



MADE IN JAPAN

Image 1.1: Packaging for a Genuine Honda Part. Always verify the authenticity of your replacement parts.

2. COMPATIBILITY AND SERIAL NUMBERS

This recoil starter assembly is compatible with the following Honda lawn mower models and engine serial number ranges:

- **Lawn Mower Models:** HRX2172HXA, HRX2172VKA
- **Engine Serial Number Range:** GJAAA-1000001 to GJAAA-2665464
- **Frame Serial Number Range:** MAGA-1500001 to MAGA-2019999

It is crucial to verify your engine and frame serial numbers before installation to ensure correct part fitment. The location of these serial numbers is illustrated below.



Image 2.1: Diagram indicating the typical locations for the engine serial number and model/frame serial number on a Honda walk-behind lawn mower.

3. INSTALLATION INSTRUCTIONS

Safety First: Before beginning any installation, ensure the lawn mower engine is off, cool, and the spark plug cap is disconnected to prevent accidental starting. Wear appropriate safety gear, such as gloves.

1. **Prepare the Mower:** Position the lawn mower on a flat, stable surface. Disconnect the spark plug cap.
2. **Locate the Old Starter:** Identify the existing recoil starter assembly on the engine. It is typically mounted on top or side of the engine housing.
3. **Remove Old Starter:** Using appropriate tools (e.g., a socket wrench or screwdriver), carefully unbolt the old recoil starter assembly from the engine. Note the position and orientation of any mounting bolts or screws.
4. **Inspect Mounting Area:** Clean any debris or dirt from the engine's mounting surface where the new starter will be attached.
5. **Position New Starter:** Align the new Honda Recoil Starter Assembly with the mounting holes on the engine. Ensure the starter rope is correctly oriented.
6. **Secure New Starter:** Insert and tighten the mounting bolts or screws. Do not overtighten, as this can

damage the housing. Ensure the starter is firmly seated and does not wobble.

7. **Reconnect Spark Plug:** Once the new starter is securely installed, reconnect the spark plug cap.
8. **Test Operation:** Gently pull the starter rope a few times to ensure it extends and retracts smoothly without binding.

If you are unsure about any step, it is recommended to consult a qualified service technician or refer to your specific lawn mower's service manual.

4. OPERATING THE RECOIL STARTER

To start your Honda lawn mower using the recoil starter:

1. **Fuel and Oil Check:** Ensure the fuel tank has sufficient fuel and the engine oil level is correct.
2. **Prime/Choke (if applicable):** Follow your mower's specific starting procedure regarding priming the carburetor or setting the choke lever.
3. **Throttle Position:** Set the throttle lever to the "FAST" or "START" position, as indicated on your mower.
4. **Engage Blade Control (if applicable):** For mowers with blade control, hold the blade control lever against the handle.
5. **Pull Starter Rope:** Grasp the starter handle firmly. Pull the rope slowly until you feel resistance, then pull it quickly and smoothly with a full arm stroke. Do not release the handle until the rope has fully retracted.
6. **Repeat if Necessary:** If the engine does not start on the first pull, repeat step 5.
7. **After Starting:** Once the engine starts, gradually release the blade control lever (if applicable) and adjust the throttle to the desired operating speed.

Caution: Do not allow the starter rope to snap back against the engine. Guide it back gently to prevent damage to the recoil mechanism.

5. MAINTENANCE

Proper maintenance of your recoil starter assembly will ensure its longevity and reliable operation.

- **Keep Clean:** Periodically clean the recoil starter housing to prevent dirt and debris from entering the mechanism. Use a soft brush or cloth.
- **Inspect Rope:** Regularly inspect the starter rope for fraying, cuts, or excessive wear. Replace the rope if any damage is observed.
- **Smooth Operation:** If the rope becomes difficult to pull or retracts slowly, it may indicate internal issues. Do not attempt to lubricate the internal spring unless specifically instructed by a service manual, as this can attract dirt and worsen the problem.
- **Storage:** When storing the mower for extended periods, ensure the starter rope is fully retracted into the housing.

For internal repairs or replacement of components within the recoil starter, it is recommended to replace the entire assembly or seek professional service.

6. TROUBLESHOOTING COMMON ISSUES

Problem	Possible Cause	Solution
Starter rope does not retract fully.	Broken or weak recoil spring; debris inside housing.	Replace the recoil starter assembly. Clean housing if accessible.
Starter rope is hard to pull.	Engine compression; internal friction in starter; debris.	Check engine for proper compression. Inspect starter for obstructions. Replace if internal friction persists.
Starter rope pulls out but does not engage engine.	Damaged starter pawls or engagement mechanism.	Replace the recoil starter assembly.
Starter rope is frayed or broken.	Wear and tear; improper pulling technique.	Replace the starter rope (if repairable) or the entire assembly.

For complex issues or if troubleshooting steps do not resolve the problem, contact an authorized Honda service dealer.

7. PRODUCT SPECIFICATIONS

- **Part Type:** Recoil Starter Assembly
- **Brand:** Honda (Genuine OEM)
- **Material:** Metal
- **Item Weight:** Approximately 5 Ounces
- **Item Dimensions (L x W x H):** Approximately 8 x 6 x 1 inches
- **Model Number:** 81824217029342650
- **UPC:** 719534669477
- **Compatibility:** Honda HRX2172HXA, HRX2172VKA Lawn Mowers (Engine Serial Numbers GJAAA-1000001 to GJAAA-2665464)

8. WARRANTY INFORMATION

This Genuine OEM Honda Recoil Starter Assembly is covered by Honda's standard warranty for genuine replacement parts. The warranty typically covers defects in material and workmanship under normal use and service.

For specific details regarding the warranty period, coverage, and claims procedure, please refer to the official Honda warranty documentation provided with your original lawn mower or contact an authorized Honda dealer. Keep your purchase receipt as proof of purchase.

Warranty Description from Product Data: GENUINE OEM Honda (HRX2172HXA) (HRX2172VKA) Walk-Behind Lawn Mower Engines RECOIL STARTER ASSEMBLY (Engine Serial Numbers GJAAA-1000001 to GJAAA-2665464)

9. CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need to troubleshoot issues not covered in this manual, please contact Honda Customer Support or visit an authorized Honda service center.

- **Online Resources:** Visit the official Honda Power Equipment website for manuals, FAQs, and service locator tools.
- **Authorized Dealers:** Locate your nearest authorized Honda dealer for professional service and genuine parts.

Always provide your lawn mower's model and serial numbers when seeking support to ensure accurate assistance.