

Honda 28400-Z5T-305ZB

Honda 28400-Z5T-305ZB Recoil Starter Assembly Instruction Manual

Genuine Original Equipment Manufacturer (OEM) Part

INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Honda 28400-Z5T-305ZB Recoil Starter Assembly. This is a genuine Honda OEM part designed for specific Honda GX340 and GX390 engine models. Please read this manual thoroughly before attempting any installation or operation to ensure safety and optimal performance.

Compatibility: This recoil starter assembly is specifically designed for Honda GX340 and GX390 engine models. Verify your engine model number before installation.

SAFETY INFORMATION

WARNING: Always disconnect the spark plug wire before performing any maintenance or installation to prevent accidental engine startup.

Observe the following safety precautions:

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the engine is cool before handling parts.
- Work in a well-ventilated area.
- Keep children and pets away from the work area.
- If you are unsure about any step, consult a qualified service technician.

SETUP AND INSTALLATION

Follow these steps to install the recoil starter assembly:

1. **Prepare the Engine:** Ensure the engine is turned off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Remove Old Starter (if applicable):** Locate the existing recoil starter assembly. Typically, it is secured by several bolts. Use an appropriate wrench or socket to remove these bolts. Carefully

detach the old assembly.

3. **Inspect Mounting Area:** Clean any debris or dirt from the engine's mounting surface where the new starter will attach.
4. **Position New Starter:** Align the new Honda 28400-Z5T-305ZB Recoil Starter Assembly with the mounting holes on the engine.
5. **Secure the Starter:** Insert the mounting bolts through the starter assembly and into the engine. Tighten the bolts securely, but do not overtighten, as this can damage the housing.
6. **Reconnect Spark Plug:** Once the new starter is firmly in place, reconnect the spark plug wire.



An overhead view of the Honda 28400-Z5T-305ZB Recoil Starter Assembly, showing the black housing, internal mechanism, and pull rope attachment point. This image illustrates the component ready for installation.

OPERATING INSTRUCTIONS

To start your engine using the recoil starter:

1. **Prime the Engine (if necessary):** Follow your engine's specific instructions for priming or choking.
2. **Grip the Handle:** Firmly grasp the starter handle.
3. **Pull Slowly:** Pull the starter handle slowly until you feel resistance. This engages the starter mechanism.

4. **Pull Sharply:** Once resistance is felt, pull the handle sharply and smoothly with a full arm stroke. Do not release the handle abruptly; allow it to recoil slowly back into the housing.
5. **Repeat if Needed:** If the engine does not start, repeat the process. Avoid excessive pulling, which can flood the engine or wear out the starter mechanism.

MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your recoil starter:

- **Cleaning:** Keep the starter assembly clean and free of dirt, grass, and debris. Use a dry cloth or soft brush.
- **Inspection:** Periodically inspect the starter rope for fraying or damage. Check the handle for cracks.
- **Mounting Bolts:** Ensure all mounting bolts remain tight.
- **Storage:** When not in use for extended periods, store the equipment in a clean, dry environment.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Starter rope does not pull out	Starter mechanism jammed or engine seized.	Check engine for issues. If engine is free, inspect starter for internal damage.
Starter rope pulls out but does not engage engine	Pawls not extending or worn.	The starter assembly may need replacement.
Starter rope does not retract fully	Spring issue or debris.	Clean the assembly. If issue persists, replacement may be necessary.
Engine does not start after pulling	Not a starter issue; engine related.	Check fuel, spark plug, and engine compression. Consult engine manual.

SPECIFICATIONS

Part Number: 28400-Z5T-305ZB

Brand: Honda

Type: Recoil Starter Assembly

Color: Black

Compatibility: Honda GX340 & GX390 Engine Models

Item Weight: 11.7 ounces (approximately 0.33 kg)

Product Dimensions: 37 x 27 x 19 inches (Note: These dimensions likely refer to packaging. Refer to your engine's specifications for precise fitment.)

WARRANTY AND SUPPORT

This is a genuine Honda OEM part. For specific warranty information, please refer to the documentation provided with your original engine or contact Honda customer support directly. For technical assistance or further inquiries, please contact your authorized Honda service dealer.

