

CUB CADET HG-51079

CUB CADET HG-51079 Right Hand Axle Shaft Instruction Manual

MODEL: HG-51079

Introduction

This manual provides essential information for the proper installation, maintenance, and understanding of the CUB CADET HG-51079 Right Hand Axle Shaft. This component is designed as a direct replacement part for specific Cub Cadet lawn and garden tractor models. Please read these instructions thoroughly before attempting any installation or maintenance procedures.

Safety Information

Always prioritize safety when working with machinery and replacement parts. Failure to follow safety guidelines can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the equipment's engine is off, the spark plug wire is disconnected, and the battery is disconnected (if applicable) to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including safety glasses, gloves, and sturdy footwear.
- **Consult Original Manual:** Refer to your original equipment owner's manual for specific safety procedures, torque specifications, and detailed diagrams relevant to your model.
- **Secure Equipment:** Use appropriate jacks and stands to safely support the equipment if it needs to be raised.
- **Use Correct Tools:** Employ the correct tools for each task to prevent damage to parts and ensure a secure installation.
- **Keep Work Area Clean:** Maintain a clean and well-lit work environment to prevent accidents.

Product Overview

The CUB CADET HG-51079 is a genuine OEM (Original Equipment Manufacturer) right-hand axle shaft designed for durability and precise fitment in compatible Cub Cadet lawn and garden tractors. This shaft is a critical

component of the drive system, transmitting power to the wheel.



Image 1: Overall view of the CUB CADET HG-51079 Right Hand Axle Shaft. This image shows the full length of the metallic shaft.



Image 2: Close-up view of one end of the axle shaft, featuring a threaded section for attachment.



Image 3: View of the opposite end of the axle shaft, showing a square-shaped fitting.

Compatibility

The CUB CADET HG-51079 Axle Shaft is compatible with a range of Cub Cadet models. It replaces prior MPN HG-52209 and 51079. Please verify your equipment's model number against the list below and consult your original equipment owner's manual for definitive compatibility.

Compatible Cub Cadet Models:

- LGT-1050, LGT-1054
- LGTX-1050, LGTX-1054
- LT-1018, LT-1022, LT-1024, LT-1042, LT-1045, LT-1046, LT-1050
- LTX-1042, LTX-1042KH, LTX-1042KW, LTX-1045, LTX-1046, LTX-1046KW, LTX-1046M, LTX-1046VT, LTX-1050
- SLT-1550, SLT-1554
- SLTX-1050, SLTX-1054

Note: This list is provided for reference. Always confirm compatibility with your specific model's owner's manual.

Installation

The following are general steps for replacing an axle shaft. Specific procedures may vary by model. Always refer to your equipment's service manual for detailed instructions.

1. **Preparation:** Park the equipment on a level surface. Engage the parking brake. Disconnect the spark plug wire and battery. Allow the engine and any hot components to cool.
2. **Access the Axle:** Depending on your model, you may need to remove the wheel, tire, and potentially other components to gain access to the axle shaft.
3. **Remove Old Axle Shaft:** Carefully remove any retaining clips, bolts, or nuts securing the old axle shaft. Note the orientation and position of all components for reassembly. You may need a puller tool to extract the shaft.
4. **Inspect Components:** Before installing the new shaft, inspect surrounding components such as bearings, seals, and gears for wear or damage. Replace any worn parts as necessary.
5. **Install New Axle Shaft:** Insert the new CUB CADET HG-51079 axle shaft into position. Ensure it seats correctly within the differential or transaxle assembly.
6. **Secure Axle Shaft:** Reinstall all retaining clips, bolts, and nuts. Tighten fasteners to the torque specifications provided in your equipment's service manual.
7. **Reassembly:** Reinstall any components that were removed to access the axle, such as wheels and tires.
8. **Final Checks:** Reconnect the spark plug wire and battery. Test the equipment at a low speed in a safe, open area to ensure proper function before full operation.

Maintenance

Regular inspection and maintenance can extend the life of your axle shaft and related components.

- **Periodic Inspection:** Routinely inspect the axle shaft and surrounding areas for signs of wear, damage, or corrosion. Check for any looseness in the wheel or unusual play.
- **Lubrication:** If your equipment's manual specifies lubrication points for the axle or wheel bearings, follow those guidelines using the recommended lubricant.
- **Cleaning:** Keep the axle area free from dirt, debris, and grass clippings, which can contribute to wear and corrosion.
- **Address Issues Promptly:** Any unusual noises, vibrations, or difficulty in steering or movement should be investigated immediately.

Troubleshooting

If you experience issues after replacing the axle shaft, consider the following common troubleshooting steps:

- **Unusual Noises:** Check for proper seating of the axle shaft, correct torque on fasteners, and ensure no foreign objects are interfering with moving parts. Inspect bearings for damage.
- **Wheel Wobble/Play:** Verify that the wheel is securely attached and that the axle shaft is properly installed and retained. Check for worn wheel bearings or bushings.
- **Difficulty in Movement:** Ensure the axle shaft is not binding and that all associated drive components are correctly aligned and free to move.
- **Fluid Leaks:** If you observe fluid leaks around the axle, inspect seals for damage or improper installation.

If problems persist, consult a qualified service technician or refer to your equipment's detailed service manual.

Specifications

Part Number	HG-51079
Replaces Prior MPNs	HG-52209, 51079
Brand	CUB CADET
Product Dimensions	0.7 x 11.4 x 0.7 inches
Item Weight	1.35 pounds
Manufacturer	CUB CADET

Warranty and Support

For information regarding the warranty of the CUB CADET HG-51079 Axle Shaft, please refer to the warranty documentation provided with your original Cub Cadet equipment or contact CUB CADET customer support directly. Ensure you have your product model and serial numbers available when seeking support. You can typically find support contact information on the official CUB CADET website or in your equipment's owner's manual.