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› Stens 851-209 Left Hand Spindle for E-Z-GO RXV Installation Manual

Stens 851-209

Stens 851-209 Left Hand Spindle Installation and Maintenance Manual

For E-Z-GO RXV Models (Replaces OEM 607413)

INTRODUCTION

This manual provides essential instructions for the proper installation, function, and maintenance of your Stens 851-209 Left Hand Spindle. This component is designed as a direct replacement for E-Z-GO OEM part number 607413 and is compatible with E-Z-GO RXV models. Please read all instructions carefully before proceeding with installation or maintenance.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when working on machinery.
- Ensure the vehicle is securely supported on a level surface using jack stands before beginning any work. Do not rely solely on a jack.
- Disconnect the battery before performing any electrical work or if there is a risk of accidental vehicle movement.
- Use the correct tools for each task to prevent damage to parts or injury.
- If you are unsure about any step, consult a qualified technician.

SETUP AND INSTALLATION

Before installation, verify that the Stens 851-209 spindle is the correct replacement part for your E-Z-GO RXV model. This spindle is specifically designed for the **left-hand side** of the vehicle and replaces E-Z-GO OEM part number **607413**.

Tools Required:

- Socket/Wrench Set
- Jack and Jack Stands
- Pry Bar (optional, for stubborn components)
- Grease Gun (for lubrication, if applicable)

Installation Steps:

1. **Prepare the Vehicle:** Park the E-Z-GO RXV on a flat, stable surface. Engage the parking brake. Use a jack to lift the front left side of the vehicle and secure it with jack stands. Remove the front left wheel.
2. **Remove Brake Components (if necessary):** Depending on your specific RXV setup, you may need to remove brake calipers or other components attached to the spindle assembly.
3. **Disconnect Steering and Suspension:** Carefully disconnect the tie rod end and any other steering or suspension linkages attached to the existing spindle. Note the orientation of all components for reassembly.
4. **Remove Old Spindle:** Locate and remove the bolts or nuts securing the old spindle to the axle or suspension arm. Once all fasteners are removed, carefully detach the old spindle.
5. **Inspect Components:** Before installing the new spindle, inspect surrounding components such as bushings, bearings, and tie rod ends for wear or damage. Replace any worn parts as needed.
6. **Install New Spindle:** Position the Stens 851-209 Left Hand Spindle in place. Ensure proper alignment with the axle/suspension arm and steering linkages. Secure it with the appropriate bolts/nuts. Do not fully tighten yet.
7. **Reconnect Steering and Suspension:** Reattach the tie rod end and any other steering/suspension components to the new spindle.
8. **Tighten Fasteners:** Once all components are in place, tighten all bolts and nuts to the manufacturer's specified torque settings. Refer to your E-Z-GO RXV service manual for exact torque values.
9. **Reinstall Brake Components and Wheel:** Reattach any brake components that were removed. Reinstall the wheel and lug nuts, tightening them to the manufacturer's specifications.
10. **Lower Vehicle and Test:** Carefully lower the vehicle to the ground. Test the steering and ensure all components are functioning correctly before operating the vehicle.



An image showing the Stens 851-209 Left Hand Spindle, a replacement part for E-Z-GO RXV golf carts.

FUNCTION AND COMPATIBILITY

The spindle is a critical component of the steering and suspension system, allowing the wheel to rotate and pivot for steering. The Stens 851-209 is engineered to meet or exceed the specifications of the original E-Z-GO 607413 part, ensuring proper fit and function in E-Z-GO RXV models. Its primary role is to provide the pivot point for the wheel and connect it to the vehicle's suspension and steering linkages.

MAINTENANCE

Regular inspection and maintenance can extend the life of your spindle and ensure safe operation of your E-Z-GO RXV.

- **Visual Inspection:** Periodically inspect the spindle for signs of wear, cracks, bends, or corrosion. Check for loose fasteners.
- **Lubrication:** If your spindle assembly includes grease fittings (zircs), lubricate them according to your E-Z-GO

RXV's maintenance schedule using appropriate grease.

- **Bearing Check:** Check for excessive play in the wheel bearings, which can indicate wear in the spindle or bearings themselves.
- **Alignment:** After any significant suspension work, it is recommended to have the vehicle's alignment checked by a professional.

TROUBLESHOOTING

If you experience issues after installation or during normal operation, consider the following:

- **Steering Play or Wobble:** Check for loose fasteners on the spindle, tie rod end, or suspension components. Inspect for worn bushings or bearings.
- **Uneven Tire Wear:** This could indicate an alignment issue, which might be related to improper spindle installation or other worn suspension components.
- **Noise from Wheel Area:** Investigate for loose components, worn bearings, or interference with other parts.
- **Difficulty Steering:** Ensure all steering linkages are properly connected and not binding. Check for proper lubrication.

If troubleshooting steps do not resolve the issue, consult a qualified service technician.

SPECIFICATIONS

Specification	Value
Part Number	Stens 851-209
Replaces OEM	E-Z-GO 607413
Compatibility	E-Z-GO RXV Models
Hand Orientation	Left Hand
Item Weight	2 pounds
Product Dimensions	9 x 5.75 x 4.75 inches

WARRANTY AND SUPPORT

Specific warranty information for the Stens 851-209 Left Hand Spindle is not provided within this manual. For details regarding warranty coverage or technical support, please refer to the official Stens website or contact your authorized Stens dealer or the point of purchase.

ASK A QUESTION ABOUT THIS MANUAL

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