

**532160395, 532124037**

## **EFP Steering Shaft Support Instruction Manual**

Model Numbers: 532160395, 532124037

### **1. INTRODUCTION**

This manual provides instructions for the installation, maintenance, and troubleshooting of the EFP Steering Shaft Support. This component is a critical replacement part designed to ensure proper steering function in compatible ride mower models. Please read this manual thoroughly before attempting any installation or maintenance.

### **2. PRODUCT OVERVIEW**

The EFP Steering Shaft Support is a durable component designed to secure the steering shaft, preventing excessive movement and ensuring precise steering control. It is manufactured to meet the specifications required for the listed compatible models.



Figure 1: EFP Steering Shaft Support from a top-down perspective, highlighting its cylindrical structure and mounting points.



Figure 2: EFP Steering Shaft Support from a side perspective, illustrating the shaft opening and overall dimensions.

### 3. COMPATIBILITY

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This steering shaft support is compatible with a wide range of ride mower models. Please verify your specific model number against the list below:

- LT 120 (954140002A) (1996-12) Ride Mower
- LT 120 (954140002B) (1997-12) Ride Mower
- LT 120 (HCLT120A) (954140047) (1998-01) Ride Mower
- LT 1238 A (9545677024) (2000-10) Ride Mower
- LT 125 (H12538C) (1991-06) Ride Mower
- LT 125 (H12538D) (954000332) (1991-10) Ride Mower
- LT 125 (HC12542A) (954000772) (1994-01) Ride Mower
- LT 125 (HC12542B) (954002711) (1995-01) Ride Mower
- LT 125 (HC12542C) (954002711) (1996-04) Ride Mower
- LT 130 (1997-12) Ride Mower
- LT 140 (HU4H42A) (954000512) (1993-01) Ride Mower
- LTH 130 (954140005K) (1999-03) Ride Mower
- LTH 130 (954140107A) (1999-11) Ride Mower
- LTH 130 (954830061A) (1996-01) Ride Mower
- LTH 130 (954830061B) (1996-02) Ride Mower
- LTH 130 (HCLTH130J) (954140005) (1999-01) Ride Mower
- LTH 1342 A (954567031) (2000-12) Ride Mower
- LTH 140 (954001192A) (1995-01) Ride Mower
- LTH 140 (HN14H42A) (954000642) (1994-01) Ride Mower
- LTH 145 (1997-12) Ride Mower
- YT 150 (HCYT150A) (954840021) (1996-01) Ride Mower
- YT 150 (HCYT150B) (954840021) (1996-04) Ride Mower
- YT 160 (HU1642A) (1993-01) Ride Mower
- YT 161 H (H16H44B) (127589) (1990-11) Ride Mower
- YT 180 (954140009A) (1997-01) Ride Mower
- YT 180 (HN1842A) (954000652) (1994-01) Ride Mower
- YT 190 (954001982A) (1995-03) Ride Mower

- YTH 130 (HEYTH130K) (954170026) (2000-10) Ride Mower
- YTH 142 (H14H44A) (954000352) (1991-08) Ride Mower
- YTH 150 (954140007D) (1998-02) Ride Mower
- YTH 150 (954140007E) (1998-02) Ride Mower
- YTH 150 (954140007J) (1999-03) Ride Mower
- YTH 150 (954140007) (1997-12) Ride Mower
- YTH 150 (954140108A) (1999-11) Ride Mower
- YTH 150 (954140108B) (1999-11) Ride Mower
- YTH 150 (954830081A) (1995-10) Ride Mower
- YTH 150 (HCLTH150E) (954140007) (1998-03) Ride Mower
- YTH 150 (HCLTH150H) (954140007) (1998-10) Ride Mower
- YTH 150 (HCLTH150J) (954140007) (1999-03) Ride Mower

## 4. INSTALLATION

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**Safety First:** Always ensure the ride mower is turned off, the engine is cool, and the spark plug wire is disconnected before performing any maintenance or installation to prevent accidental starting.

### 4.1 Tools Required (Typical)

- Socket wrench set
- Screwdriver set
- Pliers
- Work gloves

### 4.2 Installation Steps

1. **Prepare the Mower:** Park the mower on a flat, stable surface. Engage the parking brake. Disconnect the spark plug wire and, if accessible, the battery terminals to prevent electrical hazards.
2. **Access the Steering Column:** Depending on your mower model, you may need to remove the hood, dashboard, or other covers to gain access to the steering column and the existing steering shaft support. Refer to your mower's specific service manual for detailed access instructions.
3. **Remove the Old Support:** Locate the existing steering shaft support. Carefully unbolt or unclip the old support from its mounting points. Note the orientation and position of any washers or spacers.
4. **Inspect Components:** While the old support is removed, inspect the steering shaft for any signs of wear, bending, or damage. Also, check the mounting area for cracks or corrosion. Address any issues before proceeding.
5. **Install the New Support:** Position the new EFP Steering Shaft Support (Part Numbers 532160395 or 532124037) in the correct orientation. Secure it using the original hardware or appropriate replacement fasteners. Ensure all bolts are tightened to the manufacturer's specifications (if available) or until snug. Do not overtighten.
6. **Reassemble:** Reinstall any covers, the dashboard, or the hood that were removed to access the steering column. Reconnect the battery terminals and the spark plug wire.
7. **Test Functionality:** Start the mower and carefully test the steering. Ensure smooth operation, full range of motion, and no excessive play or binding. Listen for any unusual noises.

## 5. MAINTENANCE

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Regular inspection and maintenance can extend the life of your steering shaft support and ensure safe operation.

- **Periodic Inspection:** Annually, or every 50 operating hours, inspect the steering shaft support for signs of wear, cracks, or looseness. Check the mounting bolts for proper torque.
- **Cleaning:** Keep the area around the steering shaft support free from dirt, debris, and grass clippings, which can accelerate wear.
- **Lubrication:** While this specific part may not require lubrication, consult your mower's service manual for any recommended lubrication points on the steering column assembly.

## 6. TROUBLESHOOTING

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If you experience issues with your steering, consider the following common problems related to the steering shaft support:

- **Loose Steering / Excessive Play:** This often indicates a worn or loose steering shaft support. Inspect the support for cracks or excessive movement. Ensure mounting bolts are tight.
- **Difficulty Turning:** While often related to other steering components (e.g., tie rods, steering gear), a severely damaged or misaligned steering shaft support can contribute to stiff steering.
- **Unusual Noises (e.g., Squeaking, Grinding):** These noises from the steering column area could suggest a worn or damaged steering shaft support, especially if accompanied by play in the steering.

If troubleshooting does not resolve the issue, it is recommended to consult a qualified service technician or refer to your mower's comprehensive service manual.

## 7. SPECIFICATIONS

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- **Part Numbers:** 532160395, 532124037
- **Manufacturer:** industrial
- **ASIN:** B0BDRJWXT2
- **Type:** Aftermarket Replacement Part

## 8. WARRANTY AND SUPPORT

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This product is a non-OEM aftermarket replacement part. For specific warranty information or technical support, please contact your retailer or the manufacturer directly. Always retain your proof of purchase for any warranty claims.