Cardone 65-7001

Cardone 65-7001 Remanufactured Driveshaft Prop Shaft User Manual

Model: 65-7001 | Brand: Cardone

Introduction

The Cardone 65-7001 Remanufactured Driveshaft Prop Shaft is engineered to provide reliable and vibration-free performance, matching Original Equipment (O.E.) standards. This manual provides essential information for the proper installation, operation, and maintenance of your Cardone driveshaft, ensuring its longevity and optimal function. Cardone's extensive experience in testing and engineering prop shafts ensures a superior, longer-lasting product. Each unit undergoes a rigorous remanufacturing process, including 100% dynamic balancing, to deliver consistent performance across all speeds.

Product Overview

The Cardone 65-7001 driveshaft is a critical component in your vehicle's drivetrain, transmitting power from the transmission to the differential. Key features include:

- **Remanufactured Original Equipment Part:** Guarantees a precise vehicle fit and performance equivalent to new.
- **New Universal Joints:** Ensures proper fit and optimal performance, contributing to smooth power transfer.
- **Lubricated Slip Yokes:** Prevents premature wear, extending the lifespan of the driveshaft.
- **100% Dynamically Balanced:** Balanced at 3200 RPMs to eliminate vibrations and increase joint life, providing a smooth driving experience.
- **Environmentally Friendly Process:** Remanufacturing reduces energy and raw material consumption by 80% compared to manufacturing a new part.

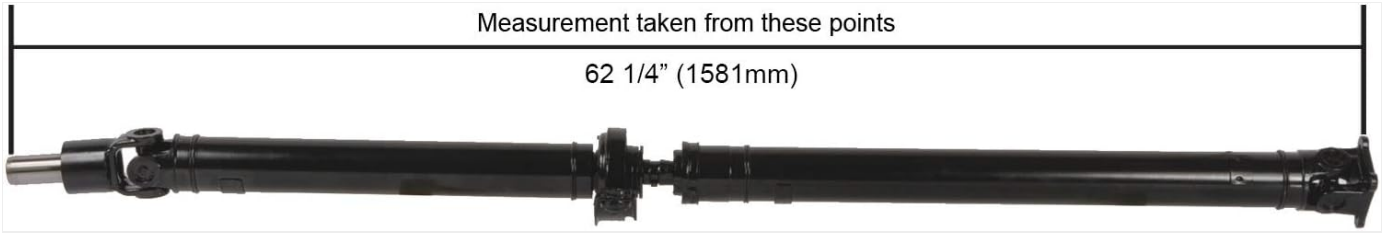


Figure 1: Full view of the Cardone 65-7001 Remanufactured Driveshaft, showcasing its complete assembly.

Setup and Installation

Proper installation is crucial for the performance and longevity of your driveshaft. It is recommended that installation be performed by a qualified automotive technician.

Pre-Installation Checks:

1. **Verify Part Compatibility:** Ensure the Cardone 65-7001 is the correct driveshaft for your vehicle's make, model, and year. Refer to your vehicle's service manual for specific part numbers.
2. **Inspect Packaging:** Check for any signs of shipping damage before opening.
3. **Component Inspection:** Before installation, visually inspect the driveshaft for any visible damage, such as bent tubes, damaged universal joints, or worn splines.
4. **Measure Length:** Confirm the driveshaft length matches the required specification for your vehicle. The Cardone 65-7001 typically measures approximately 62 1/4 inches (1581mm) from center of U-joint to center of U-joint or flange face to flange face, depending on the measurement method.



Figure 2: Illustrative image of a driveshaft, indicating typical measurement points for length verification. The Cardone 65-7001 is approximately 62 1/4 inches (1581mm) in length.

Installation Steps (General Guidelines):

Note: Always refer to your vehicle's specific service manual for detailed, model-specific installation procedures and torque specifications.

1. **Safety First:** Park the vehicle on a level surface, engage the parking brake, and use jack stands to safely support the vehicle. Disconnect the battery.
2. **Remove Old Driveshaft:** Mark the orientation of the old driveshaft relative to the transmission and differential flanges to ensure proper alignment during reinstallation. Remove the mounting bolts and carefully lower the old driveshaft.
3. **Clean Mounting Surfaces:** Thoroughly clean the mating surfaces on the transmission output shaft and differential input flange.
4. **Install New Driveshaft:** Carefully insert the slip yoke into the transmission. Align the driveshaft with the marks made earlier and attach the differential flange, ensuring all bolts are properly seated.
5. **Torque Bolts:** Tighten all mounting bolts to the manufacturer's specified torque settings using a torque wrench.
6. **Final Checks:** Rotate the driveshaft by hand to ensure free movement and check for any binding or interference. Reconnect the battery.

Operation

Once installed, the Cardone 65-7001 driveshaft operates automatically as part of your vehicle's drivetrain. No specific user interaction is required during normal vehicle operation.
The driveshaft is designed for vibration-free performance. Any new vibrations, noises, or unusual sensations after installation should be investigated immediately.

Maintenance

Regular inspection and maintenance can significantly extend the life of your driveshaft and prevent premature wear.

Recommended Maintenance Schedule:

- **Every Oil Change (or 5,000-7,500 miles):**
  - Visually inspect the driveshaft for any signs of damage, dents, or corrosion.
  - Check universal joints for excessive play or looseness.
  - Inspect dust boots and seals on slip yokes for tears or leaks.
  - Ensure all mounting bolts are secure and torqued to specification.
- **Annually (or 15,000 miles):**
  - Perform a more thorough inspection, checking for any signs of imbalance (e.g., missing balance weights).
  - If applicable, lubricate grease fittings on universal joints and slip yokes according to your vehicle's service manual. The Cardone 65-7001 comes with pre-lubricated slip yokes and new universal joints, but future lubrication may be required depending on the specific U-joint type.



Figure 3: Close-up of a universal joint, a critical component for power transfer and flexibility. Regular inspection of these joints is important.



Figure 4: Close-up of the driveshaft flange end, which connects to the differential. Ensure this connection remains secure and free of debris.

Troubleshooting

If you experience issues after installing your Cardone 65-7001 driveshaft, consult the following table. Many issues can be resolved with proper diagnosis.

Symptom	Possible Cause	Solution
Vibration at various speeds	Improper installation (e.g., incorrect alignment marks) Loose mounting bolts Damaged or worn universal joints (unlikely for new unit) Driveshaft imbalance (rare for new unit) Other drivetrain components (e.g., worn differential, transmission issues)	Re-check installation alignment and re-install if necessary. Torque all mounting bolts to specification. Inspect universal joints for play. Consult a professional for diagnosis and re-balancing if suspected. Have other drivetrain components inspected.
Clunking or banging noise during acceleration/deceleration	Loose universal joints Worn slip yoke splines Loose mounting bolts	Inspect and replace universal joints if necessary. Inspect slip yoke; replace driveshaft if splines are worn. Torque all mounting bolts to specification.
Squeaking or chirping noise	Lack of lubrication in universal joints (if applicable) Dry slip yoke	Lubricate universal joints if they have grease fittings. Lubricate slip yoke splines.

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a certified automotive mechanic.

Specifications

The following specifications are for the Cardone 65-7001 Remanufactured Driveshaft Prop Shaft:

- **Part Number:** 65-7001
- **Manufacturer:** A1 Cardone
- **Product Type:** Remanufactured Driveshaft / Prop Shaft
- **Approximate Length:** 62 1/4 inches (1581 mm) - *Note: Actual length may vary slightly based on specific vehicle application and measurement method.*
- **Item Weight:** Approximately 21 pounds (9.5 kg)
- **Product Dimensions:** Approximately 65 x 10 x 6.8 inches (packaged)
- **OEM Part Numbers (Cross-reference):** 27111AG11A, 27111AG15A
- **Balancing:** 100% Dynamically Balanced at 3200 RPMs

Warranty and Support

Cardone products are backed by a commitment to quality and customer satisfaction. For specific warranty information regarding your 65-7001 Remanufactured Driveshaft, please refer to the warranty documentation included with your purchase or visit the official Cardone website.

If you require technical assistance or have questions about your product, please contact Cardone customer support. Have your product model number (65-7001) and purchase details ready when contacting support.

Cardone Official Website: www.cardone.com

© 2024 Cardone. All rights reserved. Information subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question