Cardone 27-7675

Cardone 27-7675 Remanufactured Power Steering Gear Manual

Brand: Cardone | Model: 27-7675

1. Product Overview

The steering gear box is a critical component of a vehicle's steering system. It directs the movement of the wheels in response to the steering wheel's rotation, ensuring optimal steering response for efficient driving. CARDONE Remanufactured Steering Gear Boxes are meticulously re-engineered, built, and tested to meet Original Equipment (O.E.) performance standards.

Key Features:

- As a remanufactured Original Equipment part, this unit guarantees a perfect vehicle fit.
- 100% hydraulic testing measures for proper flow, leakage, and performance to ensure perfect fit and function.
- 100% new O-rings and lip seals ensure leak-free, long-lasting performance, and all critical components are tested to ensure product reliability; shafts are surfaced to precise specifications to eliminate premature seal wear and extend gear life.
- Rust inhibitive "Cool Dip" finish is a penetrating dye that completely covers all exposed surfaces for a consistent, protective finish that will not crack, flake, or peel.
- Our remanufacturing process is earth-friendly, as it reduces the energy and raw material needed to make a new part by 80%.



Figure 1: Front view of the Cardone 27-7675 Remanufactured Power Steering Gear.



Figure 2: Side view of the Cardone 27-7675 Remanufactured Power Steering Gear.



Figure 3: Top view of the Cardone 27-7675 Remanufactured Power Steering Gear.

2. Setup and Installation

Installation of the Cardone 27-7675 Remanufactured Power Steering Gear requires specialized tools and expertise. It is highly recommended that installation be performed by a qualified automotive technician to ensure proper function and safety. Refer to your vehicle's specific service manual for detailed installation procedures and torque specifications.

3. Operating Instructions

Once properly installed, the power steering gear operates as an integral part of your vehicle's steering system. No specific user operation is required beyond normal vehicle driving. Ensure that the power steering fluid level is maintained at the recommended level as per your vehicle's manufacturer guidelines.

4. Maintenance

Regular maintenance of your power steering system is crucial for its longevity and optimal performance. Contamination of power steering fluid is a common issue that can lead to premature wear and failure of components.

4.1. Checking for Power Steering Fluid Contamination

To check for contamination, you can perform a simple test:

1. Using a clean syringe, carefully siphon a small amount of power steering fluid from the bottom of the power steering reservoir.
2. Release the siphoned fluid into a clean coffee filter.
3. Observe the coffee filter. If contaminants (such as metal shavings or debris) or dirty fluid are left on the filter, the power steering fluid needs to be changed. This indicates potential wear within the system or fluid degradation.

This visual inspection provides a quick and effective way to assess the fluid's condition and determine if a fluid flush is necessary.

4.2. Protecting the Steering System with an In-Line Filter

To further protect the power steering system from contaminants, consider installing a serviceable in-line power steering filter, such as those from Magna-Pure. These filters help capture debris before it can circulate and damage critical components.

When the vehicle returns for routine service (e.g., an oil change), the in-line filter can be opened, and the magnet and filter element can be inspected for trapped contaminants. This provides an additional opportunity to demonstrate the importance of fluid service and potentially identify the need for power steering hose replacement or other repairs.

5. Troubleshooting

If you experience any issues with your power steering system, such as unusual noises, difficulty steering, or fluid leaks, it is crucial to consult a qualified automotive technician immediately. Attempting to diagnose or repair complex steering system problems without proper training and tools can be dangerous and may lead to further damage.

6. Specifications

Specification	Value
Brand	Cardone
Material	Alloy Steel
Item Dimensions (L x W x H)	15 x 10.1 x 7.2 inches
Item Weight	38.2 Pounds
Bearing Number	27 7675
Bearing Type	Roller Bearing

Compatible Lubricant	Oil or Grease
UPC	884548021839
Global Trade Identification Number	00884548021839
Manufacturer	A1 Cardone
Product Dimensions	15 x 10.1 x 7.2 inches
Item Model Number	27-7675
Manufacturer Part Number	27-7675
OEM Part Numbers	19256662, 19257732, 19330691, 19330691, 22845815, 22845815, 22923379, 23130417, 23130417, 23453443, 23453443
ASIN	B00A144W0Y
Date First Available	November 3, 2012

7. Warranty and Support

For specific warranty information and technical support regarding your Cardone 27-7675 Remanufactured Power Steering Gear, please refer to the documentation provided with your purchase or contact Cardone customer service directly. It is advisable to retain your proof of purchase for warranty claims.

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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.

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