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› Dorman 976-938 Rear Drive Shaft Compatible with Select Cadillac Models (Made in USA)

Dorman 976-938

Dorman 976-938 Rear Drive Shaft User Manual

Model: 976-938 | Brand: Dorman

INTRODUCTION

This manual provides essential information regarding the Dorman 976-938 Rear Drive Shaft. This complete drive shaft assembly is engineered as a direct replacement, pre-balanced, and ready for installation. It features 100% new yokes, tubes, constant velocity (CV) joints, and universal joints, ensuring dependable fit and performance. This part is compatible with select Cadillac CTS models from 2008 to 2014.

PRODUCT OVERVIEW

The Dorman 976-938 Rear Drive Shaft is designed to offer a reliable and convenient solution for drive shaft replacement. Key features include:

- **Direct Replacement:** Manufactured to original equipment dimensions for precise fit and performance.
- **100% New Components:** Constructed entirely from new parts, eliminating core charges or return hassles.
- **Pre-Balanced:** Arrives pre-balanced to facilitate quick and straightforward installation.
- **Serviceable Construction:** Features non-staked universal joints, allowing for future serviceability and easier maintenance.



Figure 1: Complete Dorman 976-938 Rear Drive Shaft Assembly. This image shows the full length of the drive shaft, highlighting its two main sections connected by a universal joint.



Figure 2: Dorman 976-938 Rear Drive Shaft, alternative view. This image provides another perspective of the drive shaft, showing the connection points and overall structure.

INSTALLATION

The Dorman 976-938 Rear Drive Shaft is designed for direct replacement and comes pre-balanced to simplify the installation process. For proper fitment, ensure this part is compatible with your specific vehicle's make, model, and trim level. Professional installation is recommended to ensure correct alignment and secure fastening, which are critical for vehicle safety and performance.

While the product is designed for ease of installation, specialized tools and automotive knowledge are typically required for drive shaft replacement. Refer to your vehicle's service manual for detailed, model-specific installation procedures.

FUNCTIONALITY

A drive shaft is a critical component of a vehicle's drivetrain, responsible for transmitting torque from the transmission or transfer case to the differential, which then powers the wheels. The Dorman 976-938 ensures efficient and smooth power delivery to the rear wheels, maintaining the vehicle's intended performance and handling characteristics.

MAINTENANCE

Regular inspection of your vehicle's drive shaft and its components is recommended as part of routine automotive maintenance. Pay attention to any unusual noises, vibrations, or signs of wear on the universal joints or boots.

A key advantage of the Dorman 976-938 is its serviceable construction, featuring non-staked universal joints. This design allows for easier replacement of individual U-joints if they wear out, potentially extending the overall lifespan of the drive shaft and simplifying future repairs compared to designs with non-serviceable staked joints.

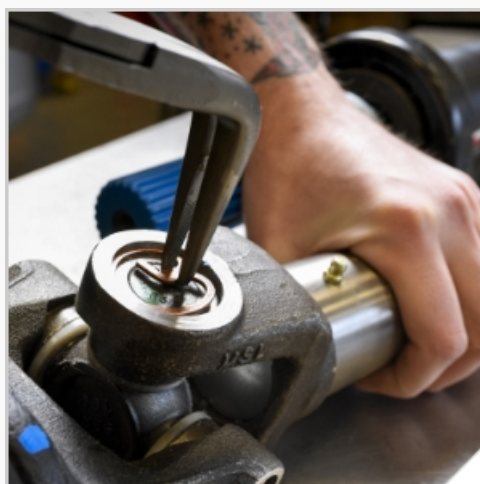


Figure 3: Servicing a Universal Joint. This image illustrates the process of working on a universal joint, highlighting the serviceable design of Dorman driveshafts.

TROUBLESHOOTING

Issues with a drive shaft can manifest in various ways. If you experience any of the following symptoms, it is advisable to have your vehicle inspected by a qualified automotive technician:

- Vibrations, especially noticeable at higher speeds.
- Clunking or clanking noises when shifting gears or accelerating.
- Squeaking or chirping sounds, particularly at low speeds.
- Difficulty turning or steering.

These symptoms could indicate wear or damage to the drive shaft, universal joints, or other drivetrain components. Prompt diagnosis and repair are crucial to prevent further damage and ensure safe vehicle operation.

SPECIFICATIONS

Attribute	Detail
Brand	Dorman
Model Number	976-938
Manufacturer	Dorman Products
Item Weight	30 pounds
Product Dimensions	70.5 x 7.5 x 7.5 inches
Manufacturer Part Number	976-938
OEM Part Numbers	20990073; 25811730; 25811732; 25902501
Compatible Vehicles	Cadillac CTS: 2008, 2009, 2010, 2011, 2012, 2013, 2014

WARRANTY & SUPPORT

The Dorman 976-938 Rear Drive Shaft is balance-checked and backed by a **limited lifetime warranty**. For specific details regarding warranty coverage, claims, or technical support, please refer to the official Dorman Products website or contact their customer service directly.

An official User Guide (PDF) is also available for download from the manufacturer's website for additional information and detailed instructions. You can visit the [Dorman Store on Amazon](#) for more product information.