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Dorman 986-598 Rear Drive Shaft Instruction Manual

Brand: Dorman | Model: 986-598

PRODUCT OVERVIEW

The Dorman 986-598 Rear Drive Shaft is a direct replacement component designed for select Toyota models. This complete drive shaft assembly is manufactured with 100% new yokes, tubes, constant velocity (CV) joints, and universal joints, ensuring dependable fit and performance. It comes pre-balanced and ready for installation, eliminating the need for core charges or return hassles.

This part is compatible with the following vehicles:

- **Toyota 4Runner:** 1990, 1991, 1992, 1993, 1994, 1995
- **Toyota Pickup:** 1990, 1991, 1992, 1993, 1994, 1995

For precise fitment, it is recommended to verify compatibility using your vehicle's make, model, and trim level.



Image: The Dorman 986-598 Rear Drive Shaft, showcasing its complete assembly. This image provides a full view of the product, highlighting its new components and pre-balanced design.



Image: A top-down perspective of the Dorman 986-598 Rear Drive Shaft, illustrating its overall length and straightness.

KEY FEATURES

- **Direct Replacement:** Engineered to match original equipment dimensions for reliable fit and performance.
- **100% New Components:** Constructed entirely from new parts, avoiding core charges and simplifying the replacement process.
- **Pre-balanced for Easy Installation:** Arrives balanced and ready to install, facilitating a quick and straightforward setup.

- **Serviceable Construction:** Features non-staked universal joints, allowing for future maintenance and serviceability.

INSTALLATION GUIDELINES

Installation of a drive shaft requires specialized tools and knowledge. It is highly recommended that installation be performed by a qualified automotive technician to ensure proper fitment, alignment, and safety.

1. **Preparation:** Ensure the vehicle is safely lifted and supported on jack stands or a lift. Disconnect the battery.
2. **Removal of Old Drive Shaft:** Carefully unbolt the existing drive shaft from the differential and transmission/transfer case. Note the orientation for reassembly.
3. **Inspection:** Inspect surrounding components such as universal joints, transmission/transfer case output shaft, and differential input flange for wear or damage.
4. **Installation of New Drive Shaft:** Align the new Dorman 986-598 drive shaft with the transmission/transfer case and differential flanges. Securely bolt it into place, ensuring all fasteners are torqued to the manufacturer's specifications.
5. **Final Checks:** Verify that the drive shaft rotates freely without binding. Reconnect the battery.



Image: A detailed view of the universal joint and flange on one end of the Dorman 986-598 drive shaft. This close-up illustrates the quality of the new components and the design for serviceability.



Image: A close-up view of the slip yoke and universal joint on the other end of the Dorman 986-598 drive shaft, showing the robust construction.

OPERATION

Once properly installed, the Dorman 986-598 Rear Drive Shaft functions as a critical component in your vehicle's drivetrain. It is responsible for transmitting rotational power from the transmission or transfer case to the differential, which then distributes power to the wheels. Proper operation ensures smooth power delivery and efficient vehicle movement.

MAINTENANCE

While the Dorman 986-598 drive shaft is designed for durability and comes with new, serviceable components, regular vehicle maintenance is crucial for its longevity and optimal performance. Consider the following:

- **Regular Inspection:** Periodically inspect the drive shaft for any signs of damage, excessive play in the universal joints, or unusual wear.
- **Lubrication:** Although this unit features new, sealed universal joints, consult your vehicle's service manual for any specific lubrication requirements related to the drive shaft or its mounting points.
- **Addressing Vibrations:** If new vibrations or noises occur after installation, have the vehicle inspected by a professional immediately.

TROUBLESHOOTING

Common issues related to drive shafts often manifest as vibrations or noises. If you experience any of the following, professional diagnosis is recommended:

- **Vibrations:**
 - **Vibration at Specific Speeds:** May indicate an unbalanced drive shaft, worn universal joints, or improper installation.
 - **Vibration During Acceleration:** Could suggest issues with the universal joints or slip yoke.
- **Noises:**
 - **Clunking or Clicking Sounds:** Often points to worn or damaged universal joints, especially when shifting gears or accelerating.
 - **Squeaking or Chirping:** Can be a sign of dry or failing universal joints.
- **Fluid Leaks:** While not directly from the drive shaft itself, leaks from the transmission or differential seals where the drive shaft connects can indicate related issues.

Do not attempt to drive the vehicle if severe vibrations or noises are present, as this could lead to further damage or loss of control.

SPECIFICATIONS

Specification	Detail
Manufacturer	Dorman Products
Brand	Dorman
Model	Dorman 986-598
Item Weight	23.8 pounds
Product Dimensions	47 x 4.5 x 4.5 inches
Item Model Number	986-598
Manufacturer Part Number	986-598
OEM Part Number	3711035600; 3711035601

Specification	Detail
ASIN	B0B8G7RMBQ
Date First Available	August 2, 2022

WARRANTY AND SUPPORT

Dorman products are designed for reliability and performance. For specific warranty information regarding the Dorman 986-598 Rear Drive Shaft, please refer to the official Dorman warranty policy or contact Dorman customer support directly.

General return policy for this product is 30 days from purchase, as per Amazon's policy for new items sold by Amazon. For additional support, product information, or to explore Dorman's full range of automotive solutions, please visit the official Dorman website or their Amazon Brand Store:

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This manual is for informational purposes only. Always consult a qualified professional for installation and service.