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Ford W500100-S437

Genuine Ford Parts - Bolt (W500100-S437) Instruction Manual

Official Guide for Installation and Care

1. Introduction

This manual provides essential information for the proper handling, installation, and maintenance of the Genuine Ford Parts Bolt, model W500100-S437. This component is manufactured to Ford's rigorous standards, ensuring compatibility and performance as an Original Equipment Manufacturer (OEM) part. It is crucial to use genuine parts to maintain the integrity and safety of your vehicle.

2. Safety Information

Always prioritize safety when working with automotive components. Please observe the following precautions:

- **Personal Protective Equipment:** Wear appropriate safety glasses and gloves to protect against potential hazards.
- **Vehicle Stability:** Ensure the vehicle is securely supported on a level surface using jack stands before working underneath it.
- **Tool Usage:** Use only the correct tools for installation and removal. Avoid using damaged or incorrect tools.
- **Cleanliness:** Keep the work area clean and free of debris to prevent accidents and ensure proper installation.
- **Component Handling:** Handle the bolt carefully to avoid damage to its threads or head.
- **Children and Pets:** Keep children and pets away from the work area.

3. Setup and Installation

The W500100-S437 bolt is designed for specific applications within Ford vehicles. Refer to your vehicle's official service manual or repair diagrams for precise installation instructions and torque specifications.

1. **Identify Location:** Locate the specific mounting point where the W500100-S437 bolt is required. Consult your vehicle's service manual for detailed diagrams.
2. **Prepare Area:** Ensure the mounting hole and surrounding area are clean and free of rust, dirt, or old threadlocker residue.
3. **Thread Engagement:** Carefully align the bolt with the threaded hole. Start threading by hand to ensure it engages

properly and does not cross-thread.

4. **Tighten:** Use the appropriate wrench or socket to tighten the bolt. Refer to your vehicle's service manual for the exact torque specification. *Over-tightening can strip threads or damage components, while under-tightening can lead to loosening and failure.*
5. **Final Check:** After tightening, visually inspect the installed bolt to ensure it is seated correctly and securely.

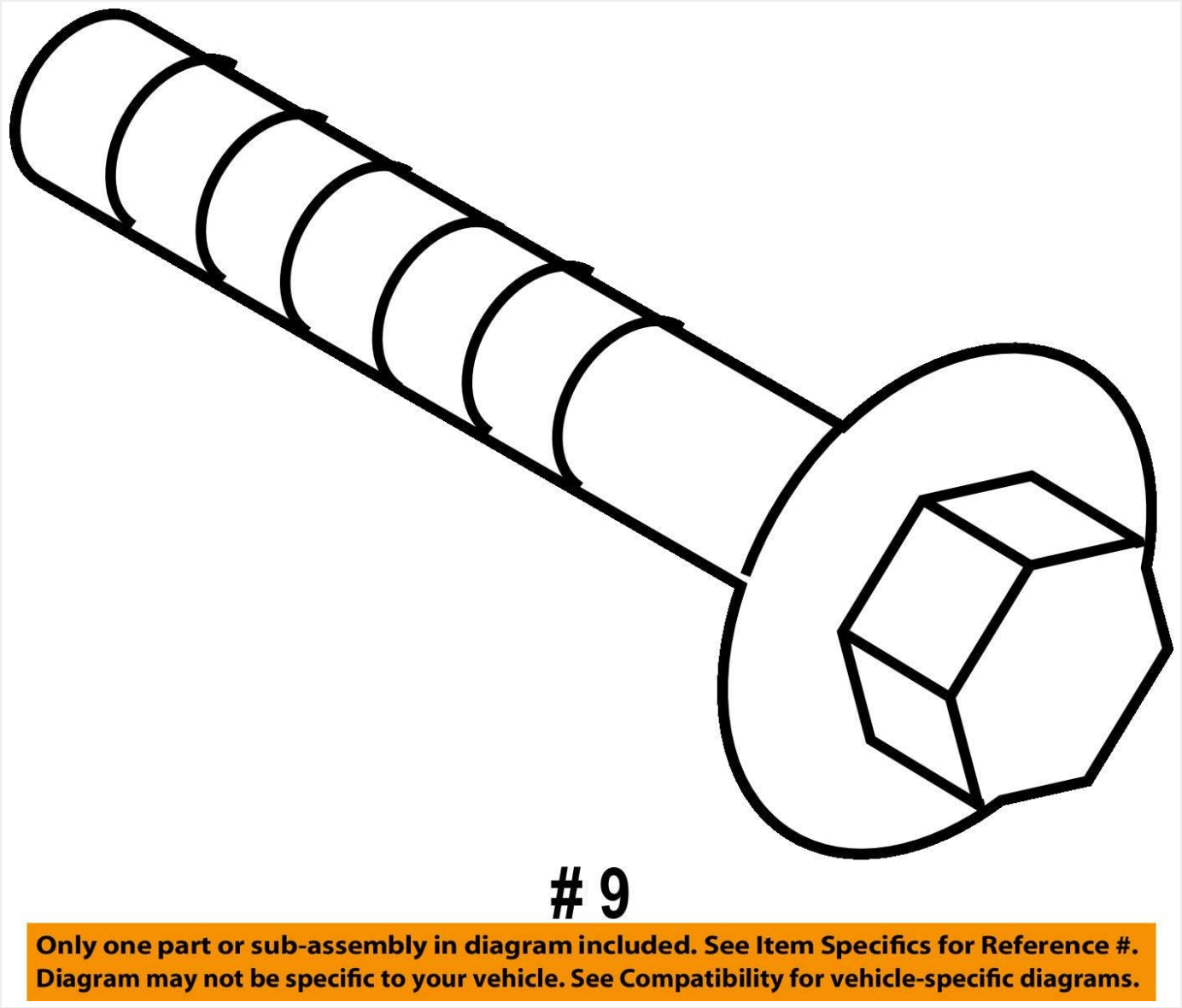


Figure 1: Detailed line drawing of the W500100-S437 bolt, highlighting its design and features. This image provides a clear view of the bolt's structure for identification purposes.

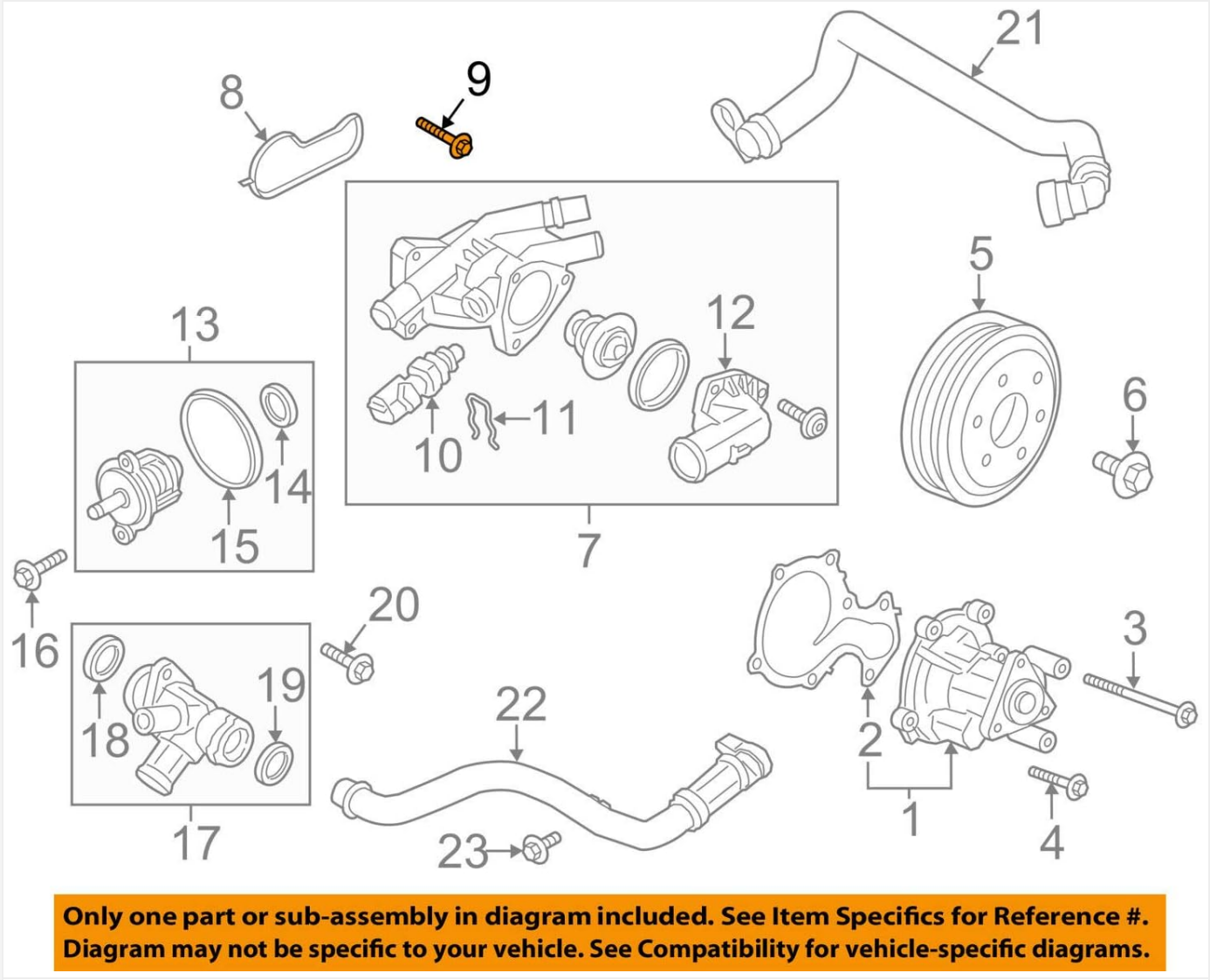


Figure 2: Exploded view diagram illustrating various automotive components, with the W500100-S437 bolt (labeled as #9) shown in its context within an assembly. This diagram helps in identifying the bolt's placement relative to other parts.

4. Usage

The W500100-S437 bolt serves as a critical fastener in various assemblies within Ford vehicles. Its specific function depends on the application, but generally, it is used to secure components, ensuring structural integrity and proper operation. Always ensure the bolt is used in its intended location as specified by Ford's engineering diagrams.

5. Maintenance

As a fastener, the W500100-S437 bolt typically requires minimal maintenance beyond proper initial installation. However, periodic inspection is recommended, especially during routine vehicle servicing:

- **Visual Inspection:** Check for any signs of corrosion, rust, or physical damage to the bolt head or threads.
- **Tightness Check:** If accessible and safe to do so, periodically check the torque of the bolt to ensure it has not loosened over time due to vibrations or temperature changes. Refer to the vehicle's service manual for appropriate torque values.
- **Replacement:** If the bolt shows signs of damage, stripping, or significant corrosion, it should be replaced immediately with a new Genuine Ford W500100-S437 bolt to ensure safety and performance.

6. Troubleshooting

While the W500100-S437 bolt is a straightforward component, issues can arise during installation or over its lifespan:

- **Bolt Does Not Thread:**
  - Ensure the correct bolt is being used for the application.
  - Check for cross-threading. If so, remove the bolt, inspect the threads on both the bolt and the receiving hole for damage. If damaged, replacement of the bolt or repair of the hole may be necessary.
  - Verify the hole is clean and free of debris or old threadlocker.
- **Bolt Loosens After Installation:**
  - Confirm the bolt was tightened to the correct torque specification.
  - Consider using a thread-locking compound (e.g., Loctite, if recommended by Ford for the specific application) to prevent loosening from vibration.
  - Inspect for damage to the bolt or mating surfaces that might prevent proper seating.
- **Damaged Bolt Head/Threads:**
  - If the bolt head is stripped or threads are damaged, the bolt must be replaced. Do not attempt to reuse damaged fasteners.

7. Specifications

Key specifications for the Genuine Ford Parts Bolt (W500100-S437):

Attribute	Value
Manufacturer	Genuine Ford Parts
Brand	Ford
Model Number	W500100-S437
Item Weight	2 pounds
Package Dimensions	5.75 x 3.75 x 0.3 inches
OEM Part Number	W500100S437
ASIN	B01JJQWEVS
Date First Available	December 21, 2018

8. Official Product Videos

There are no official product videos provided for this specific part in the available media resources.

9. Warranty and Support

Information regarding the specific warranty terms for the W500100-S437 bolt is not provided within this manual. For warranty claims, technical support, or further assistance, please refer to the official Ford customer service channels or contact the authorized Ford parts dealer from whom the product was purchased. Always retain your proof of purchase.

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