

[Manuals.plus](#) /

> [Dorman](#) /

> Dorman 929-758 Front Leaf Spring Axle U-Bolt Kit Instruction Manual

## Dorman 929-758

# Dorman 929-758 Front Leaf Spring Axle U-Bolt Kit Instruction Manual

Model: 929-758 | Brand: Dorman

## 1. PRODUCT OVERVIEW

The Dorman 929-758 Front Leaf Spring Axle U-Bolt Kit is designed to securely fasten the leaf spring or leaf spring bundle to the underside of a vehicle or trailer axle. This kit provides essential components for maintaining the structural integrity and proper alignment of the suspension system.



**Image 1.1:** The Dorman 929-758 U-Bolt Kit, showing two U-bolts, four nuts, and four washers. These components are crucial for securing the leaf spring assembly to the vehicle's axle.

## 1.1 Kit Contents

- 2 x U-Bolts
- 4 x Nuts
- 4 x Washers

## 2. VEHICLE COMPATIBILITY AND PRE-INSTALLATION CHECK

This U-bolt kit is compatible with specific Ford models. Before installation, it is critical to verify fitment for your exact vehicle to ensure proper function and safety. Refer to your vehicle's service manual for specific torque specifications and procedures.

### 2.1 Compatible Vehicles

- **Ford F-53 Motorhome Chassis:** 1989-1997, 1999-2004, 2006-2009, 2011-2021
- **Ford F-59 Commercial Stripped Chassis:** 1989-1997, 2011-2021

*Note: Always confirm fitment using a vehicle compatibility tool or by consulting your vehicle's manufacturer specifications.*

## 3. SETUP AND INSTALLATION

Proper installation of the U-bolt kit is essential for vehicle safety and performance. If you are not experienced with automotive suspension work, it is recommended to seek professional assistance.

### 3.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work. Never rely solely on a jack.
- Disconnect the battery if working near electrical components.
- Exercise caution when handling heavy suspension components.

### 3.2 Installation Steps (General Guidance)

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Lift the vehicle and support it securely on jack stands, ensuring the axle is accessible.
2. **Remove Old U-Bolts (if applicable):** Carefully remove the existing U-bolts, nuts, and washers. Note the orientation of all components for reassembly.
3. **Position Leaf Spring and Axle:** Ensure the leaf spring(s) and axle are correctly aligned. The U-bolts will clamp these components together.
4. **Install New U-Bolts:** Place the new Dorman U-bolts over the leaf spring and around the axle, ensuring they are seated properly.
5. **Install Washers and Nuts:** Thread the new washers and nuts onto the U-bolt ends. Hand-tighten all nuts initially.
6. **Torque Nuts:** Using a torque wrench, tighten the nuts to the vehicle manufacturer's specified torque settings. Tighten in a cross-pattern to ensure even clamping force. Refer to your vehicle's service manual for exact torque specifications.
7. **Lower Vehicle:** Once all U-bolts are properly torqued, carefully lower the vehicle to the ground.
8. **Final Check:** After driving for a short period (e.g., 50-100 miles), re-check the torque on the U-bolt nuts to ensure they remain tight.



**Image 3.1:** The U-bolts, nuts, and washers laid out, illustrating the components involved in securing the leaf spring to the axle during installation.

## 4. FUNCTION AND USAGE

---

The Dorman 929-758 U-bolt kit serves a critical function in the vehicle's suspension system by securely clamping the leaf spring assembly to the axle. This connection is vital for:

- **Structural Integrity:** Preventing the leaf spring from shifting or detaching from the axle, especially under load or during vehicle movement.
- **Suspension Performance:** Ensuring the leaf springs can effectively absorb shocks and support the vehicle's weight, contributing to ride comfort and stability.
- **Axle Alignment:** Maintaining the correct alignment of the axle relative to the chassis, which is essential for proper steering, tire wear, and overall vehicle handling.

## 5. MAINTENANCE

---

Regular inspection and maintenance of U-bolts are important for vehicle safety and longevity of suspension components.

### 5.1 Inspection Schedule

- Inspect U-bolts during routine vehicle maintenance, such as tire rotations or oil changes.
- Check for signs of corrosion, bending, cracking, or loose nuts.
- Any visible damage or looseness requires immediate attention.

### 5.2 Re-Torquing

It is recommended to re-torque U-bolt nuts after the initial installation and after significant off-road use or heavy hauling. Consult your vehicle's service manual for recommended re-torquing intervals and specifications.

## 6. TROUBLESHOOTING

---

Addressing common issues related to U-bolts can help maintain vehicle safety and performance.

### 6.1 Common Issues and Solutions

- **Loose U-Bolts:** Can lead to axle shift, uneven tire wear, and poor handling.
  - **Solution:** Re-torque nuts to manufacturer specifications. If bolts repeatedly loosen, inspect for damaged threads or worn components.
- **Corrosion/Rust:** Can weaken the U-bolts and nuts, leading to failure.
  - **Solution:** Replace corroded U-bolts and nuts immediately. Apply anti-corrosion coatings if operating in harsh environments.
- **Bent or Damaged U-Bolts:** Can result from impacts, overloading, or improper installation.
  - **Solution:** Replace any bent or visibly damaged U-bolts and associated hardware. Do not attempt to straighten or reuse damaged components.

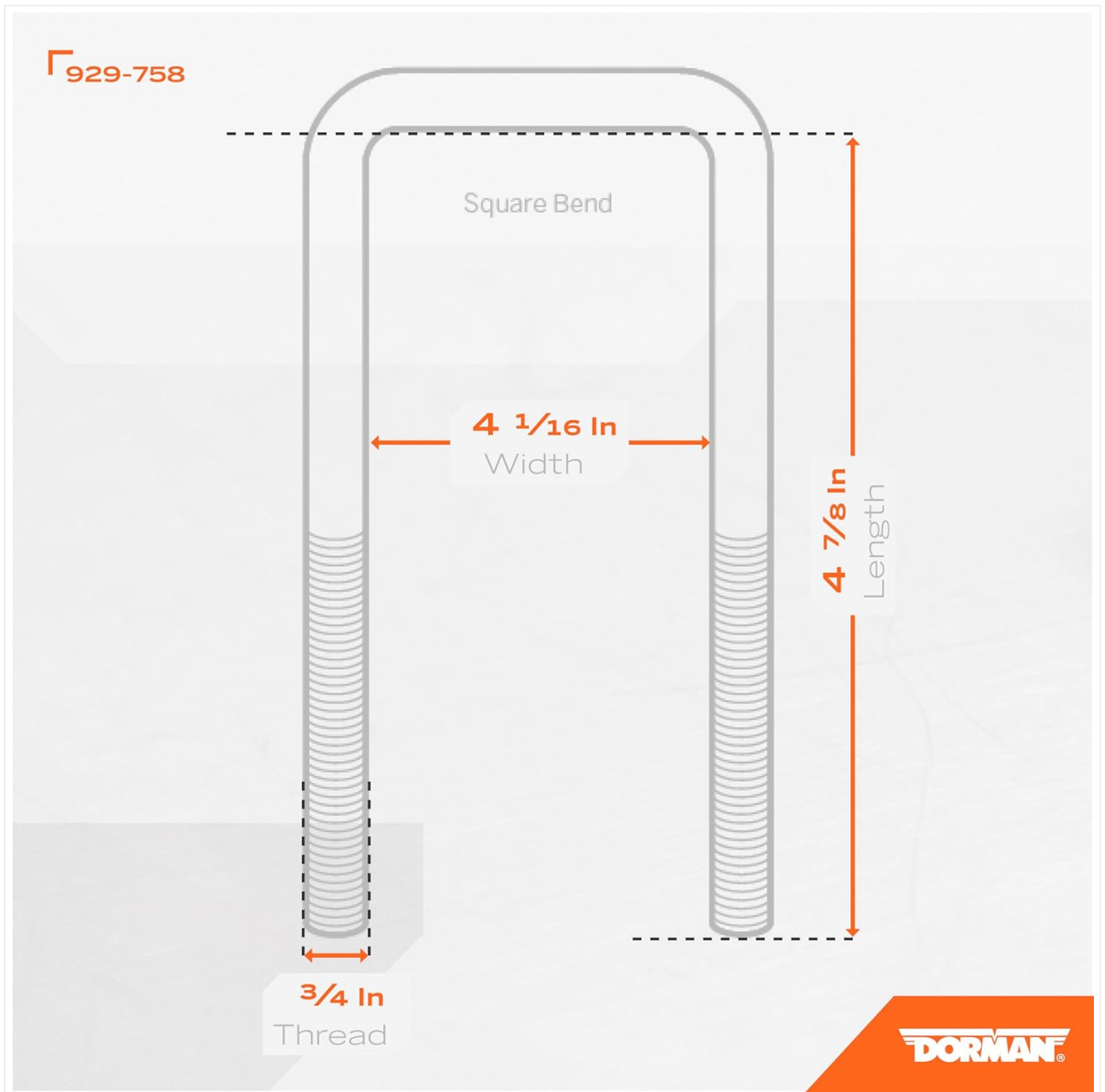
## 7. SPECIFICATIONS

---

Key specifications for the Dorman 929-758 Front Leaf Spring Axle U-Bolt Kit.

Attribute	Value
-----------	-------

Attribute	Value
Model Number	929-758
Brand	Dorman
Item Weight	4.21 pounds
Product Dimensions	6.5 x 8.5 x 2 inches
Exterior Finish	Ready To Paint If Needed
Manufacturer Part Number	929-758
OEM Part Number	361-442



**Image 7.1:** A detailed dimensional drawing of a U-bolt, indicating a square bend, 4 1/16 inch width, 4 7/8 inch length, and 3/4 inch thread. This diagram is essential for verifying compatibility and fitment.

## 8. SUPPORT INFORMATION

---

For further assistance, technical support, or inquiries regarding the Dorman 929-758 Front Leaf Spring Axle U-Bolt Kit, please contact Dorman Products directly. Dorman has over a century of automotive experience and a team of product experts available to assist.

Visit the official Dorman website for contact details and additional product information [www.dormanproducts.com](http://www.dormanproducts.com)

