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## Dorman 64740CD

# Dorman 64740CD Battery Terminal T-Bolt Instruction Manual

## INTRODUCTION

This manual provides essential information for the installation and maintenance of the Dorman 64740CD Battery Terminal T-Bolt. This component is designed as a direct replacement for original equipment on specified vehicles, ensuring proper fit and function. Please read these instructions carefully before proceeding with installation.

## PRODUCT OVERVIEW

The Dorman 64740CD is a high-quality battery terminal T-bolt engineered for reliable performance and long service life. It is constructed from durable materials to withstand automotive environments.

### Included Components:

- 1 x T-Bolt
- 1 x Nut
- 1 x Washer



**Figure 1:** Top-down view of the Dorman 64740CD Battery Terminal T-Bolt, showing the T-shaped head, threaded bolt, washer, and nut.

## SPECIFICATIONS

Feature	Detail
Model Number	64740CD
Fastener Type	T-Bolt
Thread Size	M5-0.8
Thread Type	Metric (M)
Metal Type	Stainless Steel
Exterior Finish	Machined
Item Weight	0.704 ounces
Product Dimensions	1 x 1.8 x 5.5 inches

## INSTALLATION / SETUP

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This T-bolt is designed for direct replacement of an existing battery terminal bolt. Ensure the vehicle's battery is disconnected before beginning any work on the battery terminals.

### Safety Precautions:

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shock or short circuits.
- Avoid contact with battery acid.

### Installation Steps:

1. **Disconnect Battery:** Carefully disconnect the negative (-) battery cable first, followed by the positive (+) battery cable.
2. **Remove Old T-Bolt:** Loosen and remove the old T-bolt from the battery terminal clamp.
3. **Clean Terminal:** Clean the battery terminal post and the inside of the battery terminal clamp to ensure good electrical contact. Use a battery terminal brush if necessary.
4. **Insert New T-Bolt:** Insert the Dorman 64740CD T-bolt into the battery terminal clamp. Ensure the T-head is properly seated within the clamp's slot.
5. **Secure Clamp:** Place the battery terminal clamp onto the appropriate battery post (positive or negative).
6. **Tighten Nut:** Thread the washer and nut onto the T-bolt. Hand-tighten the nut, then use a wrench to tighten it securely. Do not overtighten, as this can damage the battery terminal or clamp. The connection should be snug and prevent movement.
7. **Reconnect Battery:** Reconnect the positive (+) battery cable first, then the negative (-) battery cable. Ensure all connections are tight.



**Figure 2:** Front view of the T-bolt, showing the T-head and threaded shaft. This view helps in understanding how the T-head fits into the battery terminal clamp.

## OPERATION

The Dorman 64740CD Battery Terminal T-Bolt functions as a critical fastening component for securing battery terminal clamps to battery posts. Once properly installed and tightened, it maintains a secure electrical connection, allowing the battery to supply power to the vehicle's electrical system.

## MAINTENANCE

- **Regular Inspection:** Periodically inspect the battery terminal connections for corrosion, looseness, or damage.
- **Cleaning:** If corrosion is present, disconnect the battery and clean the terminals and T-bolt using a wire brush and a baking soda solution. Rinse with water and dry thoroughly before reconnecting.
- **Tightness Check:** Ensure the T-bolt remains securely tightened. Loose connections can lead to poor electrical contact, starting issues, and potential damage.

- **Corrosion Protection:** Apply a thin layer of dielectric grease or anti-corrosion spray to the battery terminals and connections after cleaning to help prevent future corrosion.



**Figure 3:** Side view of the T-bolt assembly, showing the T-head, threaded bolt, washer, and nut. This perspective highlights the components' arrangement.

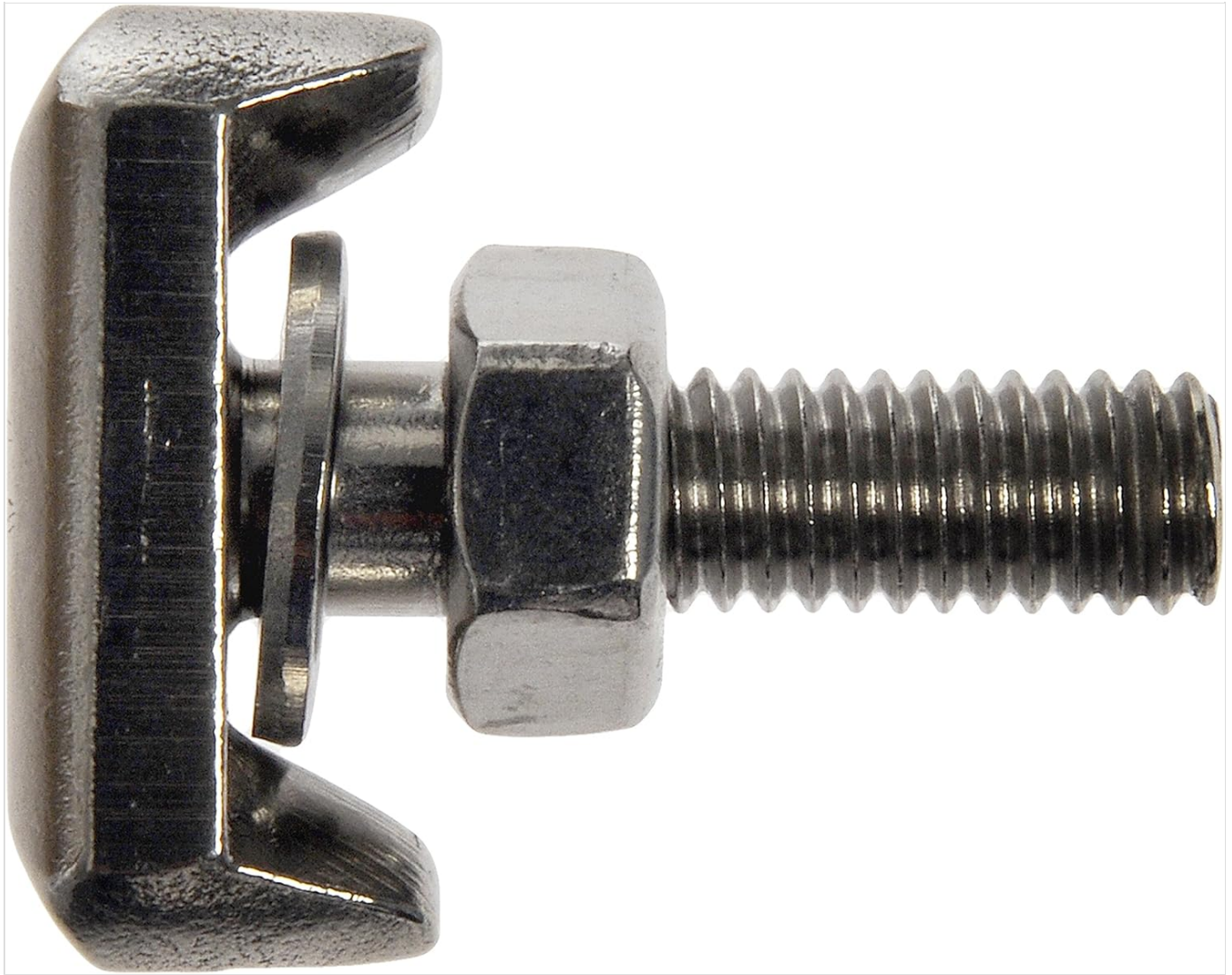
## TROUBLESHOOTING

### Common Issues and Solutions:

- **Loose Connection:** If the vehicle experiences intermittent starting issues or flickering lights, check the T-bolt for tightness. A loose connection can cause poor electrical flow. Tighten the nut securely.
- **Corrosion:** Excessive corrosion on the battery terminals can impede electrical current. Refer to the "Maintenance"

section for cleaning instructions.

- **Damaged T-Bolt:** If the T-bolt or nut is stripped, bent, or otherwise damaged, it should be replaced immediately to ensure a secure connection.



**Figure 4:** Another side view of the Dorman 64740CD T-bolt, providing a different angle of the assembled components.

## SUPPORT AND WARRANTY

Dorman products are backed by a team of product experts in the United States and over a century of automotive experience, ensuring trustworthy quality. For technical assistance or further inquiries, please refer to the official Dorman website or contact their customer support.

For information regarding warranty coverage, please consult the product packaging or the official Dorman website.