

## Dorman 800-057

# Dorman 800-057 5/16 Inch Quick Connector Instruction Manual

Brand: Dorman | Model: 800-057

## 1. INTRODUCTION

The Dorman 800-057 5/16 Inch Quick Connector is a direct replacement component designed for repairing damaged fuel line connectors. This part allows for the replacement of only the affected connector, rather than the entire fuel line assembly, offering a cost-effective and efficient repair solution. It is engineered to provide a precise fit and reliable, leak-free performance under various underhood conditions.

### Key Features:

- **Direct Replacement:** Designed to fit and function identically to the vehicle's original equipment.
- **Quality Construction:** Manufactured from premium materials for extended service life.
- **Cost-Effective:** Enables replacement of only the damaged part, avoiding the need for a complete assembly replacement.

## 2. COMPONENTS INCLUDED

The Dorman 800-057 package typically includes:

- Dorman 5/16 Inch Quick Connector(s)
- 18 Inches of 5/16 Inch Nylon Tube
- Union Compatible with Select Models



### 3. SETUP AND PREPARATION

Before beginning the installation, ensure you have the necessary tools, including a tubing cutter, a heat gun, and the Dorman fuel line repair tool (if using a repair kit). Always confirm vehicle compatibility using the manufacturer's fitment guide.

#### 3.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle's fuel system is depressurized before working on fuel lines.
- Work in a well-ventilated area and keep fire extinguishers nearby.
- Refer to your vehicle's service manual for specific fuel system procedures.

#### 3.2 Measuring and Cutting Tubing

1. Measure the required length of the 5/16 inch nylon tubing for your repair.
2. Use a specialized tubing cutter to make a clean, straight cut. Avoid using knives or shears that may deform the tubing.

Video 1: Dorman Products demonstrates how to use a fuel line repair kit, including measuring and cutting tubing, and attaching connectors. (Duration: 4:10)

### 4. OPERATING INSTRUCTIONS (ATTACHING CONNECTORS)

The following steps detail how to attach the Dorman 800-057 Quick Connector to the nylon tubing using the Dorman fuel line repair tool and a heat gun. These steps are generally applicable to various Dorman quick connectors.

#### 4.1 Attaching Holding Plates and Connector to Tool

1. Attach the holding plates to the new nylon tubing using the tightening screws on the Dorman repair tool. Ensure the tubing is securely held.
2. Attach the desired quick connector (e.g., straight, 90-degree, 45-degree) to the appropriate adapter on the repair tool assembly.

#### 4.2 Clamping the Connector onto the Line

1. Position the repair tool so that the connector is aligned with the end of the nylon tubing.
2. Using a heat gun, gently warm the end of the nylon tubing while simultaneously squeezing the trigger of the repair tool. This action will clamp the connector onto the line.
3. Continue squeezing the trigger until the connector is fully seated and the barbs are securely engaged with the tubing.

#### 4.3 Splicing into an Existing Line (Quick Union)

1. Ensure the existing fuel line is clean and free of debris.

2. Push the appropriate quick union onto the existing line until it is fully seated and secure.

#### 4.4 Using a Brass Union for Permanent Fix

For a permanent repair, a brass union can be used. The process involves similar steps of heating the tubing and using the repair tool to secure the brass union onto the nylon lines.

### 5. MAINTENANCE

Once installed, the Dorman 800-057 Quick Connector requires no special maintenance. Regularly inspect all fuel line connections for any signs of leaks, wear, or damage. Address any issues promptly to ensure continued safe operation of the vehicle's fuel system. Refer to your vehicle's owner's manual for recommended fuel system inspection intervals.

### 6. TROUBLESHOOTING

If you encounter issues after installing the Dorman 800-057 Quick Connector, consider the following:

- **Fuel Leakage:** Ensure the connector was fully seated and the barbs properly engaged with the nylon tubing. Re-check the connection for any debris or improper alignment.
- **Difficulty Inserting Connector:** If the connector is difficult to insert onto the tubing, apply a light film of motor oil to the connector barbs to aid in lubrication.
- **Improper Fit:** Double-check that the correct size (5/16 inch) connector and tubing were used for your application.

For persistent issues or complex repairs, it is recommended to consult an ASE Certified Automotive Professional.

### 7. SPECIFICATIONS

Attribute	Value
Manufacturer	Dorman Products
Brand	Dorman
Model	800-057
Item Weight	0.81 ounces
Product Dimensions	21 x 3 x 1 inches
Item Model Number	800-057
Manufacturer Part Number	800-057
OEM Part Number	3101K

## 8. WARRANTY AND SUPPORT





For technical assistance or questions regarding the Dorman 800-057 Quick Connector or other Dorman products, please utilize the following resources:

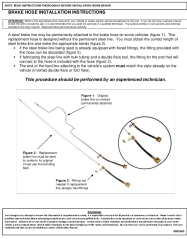

- **Live Technical Support:** 866-933-2911
- **Website:** [www.DormanProducts.com](http://www.DormanProducts.com)

Please refer to Dorman Products' official website or product packaging for specific warranty information.

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## Related Documents - 800-057

	<p><a href="#">Dorman Brake Line Kit Installation Guide: Technical Note</a></p> <p>Technical guide from Dorman providing instructions and safety precautions for installing various brake line kits, including details on handling shipping bends and ensuring proper fitment.</p>
	<p><a href="#">Dorman Automotive Hardware Catalog: Comprehensive Fasteners and Components</a></p> <p>Explore the Dorman Automotive Hardware Catalog, featuring a wide range of fasteners, nuts, bolts, springs, and specialized tech trays for automotive repair and maintenance. Find part numbers and applications for efficient inventory and service.</p>
	<p><a href="#">Dorman 917-504 Exhaust Manifold Clamp Repair Kit Instructions</a></p> <p>Detailed instructions for installing the Dorman 917-504 exhaust manifold clamp repair kit. Includes safety guidelines, step-by-step procedures, and technical support contact information.</p>
	<p><a href="#">Chevrolet Silverado Interior Door Handle Installation and Removal Instructions</a></p> <p>Detailed instructions for installing and removing the interior door handle kit for Chevrolet Silverado models, including parts list and required tools.</p>

 <p>The image shows the top portion of a technical manual for the Dorman H620177 brake hose. It includes a title 'MAXIMIZE RETAIL PERFORMANCE', a 'WARNING' section, and a list of steps for installation. A diagram of the brake hose assembly is also visible.</p>	<p><a href="#">Dorman H620177 Brake Hose Installation Guide</a></p> <p>Detailed installation instructions for the Dorman H620177 brake hose. This guide covers preparing steel brake lines, ensuring proper fitting compatibility, and emphasizes the need for experienced technicians. Includes safety precautions and disclaimers.</p>
 <p>The image shows the top portion of a technical manual for the Dorman 924-784 Mechanical Key Relearn Ignition Lock Cylinder. It includes a title 'MECHANICAL KEY RELEARN IGNITION LOCK CYLINDER', a 'WARNING' section, and a list of steps for installation. A diagram of the lock cylinder is also visible.</p>	<p><a href="#">Dorman 924-784 Mechanical Key Relearn Ignition Lock Cylinder Installation Instructions</a></p> <p>Detailed instructions for installing and coding the Dorman 924-784 Mechanical Key Relearn Ignition Lock Cylinder. Learn how to repin the cylinder to your existing key, including step-by-step guidance and safety precautions.</p>