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> [OTC 6067 Ford 7.3L Diesel Injector Remover/Installer Kit - Instruction Manual](#)

OTC 6067

OTC 6067 Ford 7.3L Diesel Injector Remover/Installer Kit

Instruction Manual

PRODUCT OVERVIEW

The OTC 6067 Ford 7.3L Diesel Injector Remover/Installer Kit is a specialized tool designed for the safe and efficient removal and installation of fuel injectors in specific Ford diesel engines. This kit prevents damage to both the injector and the cylinder head during service procedures.

It is specifically engineered for use on 1994-2003 Ford 3/4-ton and 1-ton trucks, Super Duty trucks, and vans equipped with the 7.3L direct-injected turbocharged (DIT) diesel engine. The design eliminates the need for improvised removal methods, such as pry bars, which can cause significant damage.

This tool is similar in function to Ford OEM tools Nos. 303-491 and 303-492, ensuring compatibility and proper operation for the intended application.

SAFETY INFORMATION

Always observe standard shop safety practices when working on vehicles. Failure to follow safety precautions can result in serious injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure the vehicle is properly supported on a level surface using jack stands before beginning any work.
- Disconnect the vehicle's battery to prevent accidental starting or electrical shorts.
- Allow the engine to cool completely before working on fuel system components to prevent burns.
- Be aware of residual fuel pressure and take appropriate measures to relieve it before disconnecting fuel lines.
- Keep a fire extinguisher readily available when working with fuel.
- Use this tool only for its intended purpose as described in this manual.
- Inspect the tool for any damage or wear before each use. Do not use damaged tools.

KIT CONTENTS

The OTC 6067 kit includes the following components:

- Injector Removal/Installation Bracket
- Injector Puller/Installer Screw (Long Bolt)
- Injector Seating Block

- Small Retaining Bolt with Washer



Figure 1: Components of the OTC 6067 Injector Kit.

This image displays the four primary components of the OTC 6067 kit: the main bracket used for leverage, the long threaded bolt that acts as the puller/installer, the small rectangular block for seating, and a small bolt with a washer for securing the bracket.

SETUP AND PREPARATION

1. Ensure the engine is cool to the touch.
2. Access the injectors by removing the valve covers and any other necessary components (e.g., wiring harnesses, fuel lines). Refer to your vehicle's service manual for specific disassembly procedures.
3. Clean the area around the injectors to prevent contaminants from entering the engine.
4. Inspect the injector hold-down bolts and surrounding area for any damage or corrosion.

OPERATING INSTRUCTIONS

Injector Removal Procedure

1. Remove the injector hold-down bolt from the injector you wish to remove.
2. Position the Injector Removal/Installation Bracket over the injector, aligning the appropriate cutout with the injector body. The bracket is designed to sit securely on the cylinder head.

3. Thread the long Injector Puller/Installer Screw into the top of the injector. Ensure it is threaded in securely but do not overtighten.
4. Insert the small retaining bolt through the hole in the bracket and into the threaded hole on the cylinder head where the injector hold-down bolt was removed. Tighten this small bolt to secure the bracket firmly to the cylinder head.
5. Slowly turn the Injector Puller/Installer Screw clockwise using an appropriate wrench. As you turn the screw, it will pull the injector upwards and out of its bore. Continue turning until the injector is fully dislodged.
6. Once the injector is free, carefully remove the tool components and the injector from the cylinder head.
7. Repeat for all injectors requiring removal.

Injector Installation Procedure

1. Ensure the injector bore in the cylinder head is clean and free of debris. Replace injector O-rings and copper washers as necessary.
2. Carefully insert the new or reconditioned injector into its bore, ensuring it is oriented correctly. Push it in as far as it will go by hand.
3. Place the Injector Seating Block on top of the injector.
4. Position the Injector Removal/Installation Bracket over the injector and seating block, aligning the appropriate cutout.
5. Thread the long Injector Puller/Installer Screw through the bracket and into the threaded hole on the Injector Seating Block.
6. Insert the small retaining bolt through the hole in the bracket and into the threaded hole on the cylinder head. Tighten this small bolt to secure the bracket.
7. Slowly turn the Injector Puller/Installer Screw clockwise. This will press the injector down into its bore until it is fully seated. Do not overtighten; apply firm, steady pressure until the injector is seated.
8. Remove the tool components and install the original injector hold-down bolt, tightening it to the manufacturer's specified torque.
9. Repeat for all injectors requiring installation.
10. Reassemble all removed components (fuel lines, wiring, valve covers) according to your vehicle's service manual.

MAINTENANCE

To ensure the longevity and proper function of your OTC 6067 kit:

- After each use, clean all components of the kit with a suitable degreaser or solvent to remove oil, fuel, and debris.
- Dry the components thoroughly to prevent rust.
- Apply a light coat of rust-preventative oil to all metal surfaces, especially the threaded screw.
- Store the kit in its original packaging or a protective case in a dry environment to prevent damage and corrosion.
- Periodically inspect the threaded screw for wear or damage. If threads are stripped or damaged, the tool may not function correctly and should be replaced.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Injector will not pull out.	Injector is seized due to carbon buildup or corrosion.	Ensure the puller screw is fully engaged. Apply penetrating oil around the injector base and allow it to soak. Apply steady, increasing pressure with the tool. Avoid excessive force that could damage the tool or injector.

Problem	Possible Cause	Solution
Injector will not seat fully during installation.	Debris in the injector bore; incorrect O-rings/washers; injector not aligned.	Remove injector and thoroughly clean the bore. Ensure new O-rings and copper washers are correctly installed and are the correct type. Verify injector alignment before applying pressure.
Tool components appear bent or damaged.	Excessive force applied; improper use.	Discontinue use immediately. Damaged tools can cause injury or further damage. Replace any bent or damaged components. Always use steady, controlled force.

SPECIFICATIONS

Attribute	Detail
Model Number	6067
Brand	OTC
Material	Metal
Product Dimensions (L x W x H)	8 x 6.1 x 1.4 inches
Item Weight	3.2 ounces
Application	1994-2003 Ford 3/4- and 1-ton trucks, Super Duty trucks, and vans with 7.3L DIT diesel engines.
OEM Equivalent	Ford Nos. 303-491/303-492
UPC	731413033421

WARRANTY AND SUPPORT

OTC tools are manufactured to high standards of quality and durability. For specific warranty information, product support, or to inquire about replacement parts, please refer to the official OTC website or contact OTC customer service directly.

You can find more information and contact details by visiting the [OTC Store on Amazon](#) or their official corporate website.

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This manual is for informational purposes only. Always consult a professional service technician for complex repairs.