

ZKTOOL ZK754

ZKTOOL Fuel Injector Seal Installer Tool Set User Manual

Models: 09260-39021-01, 09261-03011, 09261-03020

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of the ZKTOOL Fuel Injector Seal Installer Tool Set. This specialized tool set is designed to facilitate the installation of fuel injector seals in compatible Toyota and Subaru vehicles. Adhering to these instructions will ensure efficient and accurate seal installation, contributing to the longevity and performance of your vehicle's fuel system.

2. PRODUCT OVERVIEW

The ZKTOOL Fuel Injector Seal Installer Tool Set (Model 09260-39021-01) includes two primary components:

- **09261-03020-01 Fuel Injector Seal Sizer Tool:** This tool is used to correctly size and compress the fuel injector seals before installation, ensuring a proper fit and preventing damage.
- **09261-03011-01 Fuel Injector Seal Guide Installer Tool:** This tool assists in guiding and accurately installing the sized fuel injector seals onto the injector, minimizing the risk of misalignment or damage.



Image 2.1: The ZKTOOL Fuel Injector Seal Installer Tool Set, showing both the sizer (left) and the guide installer (right).



Image 2.2: The Fuel Injector Seal Guide Installer Tool inserted into the Fuel Injector Seal Sizer Tool, demonstrating how they fit together for use.

3. SETUP AND PREPARATION

Before beginning the seal installation process, ensure you have all necessary components and have prepared the workspace appropriately.

3.1 Required Materials

- ZKTOOL Fuel Injector Seal Installer Tool Set (09260-39021-01)
- New fuel injector seals (OEM or equivalent, compatible with your vehicle)
- Fuel injectors (cleaned and inspected)
- Appropriate lubricant (e.g., clean engine oil or specialized seal lubricant)

- Clean lint-free cloths
- Safety glasses and gloves

3.2 Workspace Preparation

1. Ensure your work area is clean and well-lit to prevent contamination of the seals and injectors.
2. Gather all required tools and materials within easy reach.
3. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.

4. OPERATING INSTRUCTIONS: FUEL INJECTOR SEAL INSTALLATION

Follow these steps carefully to install new fuel injector seals using the ZKTOOL tool set.

4.1 Sizing the Fuel Injector Seal (Using 09261-03020-01)

1. Lightly lubricate the new fuel injector seal with clean engine oil or a recommended seal lubricant.
2. Carefully slide the lubricated seal onto the narrow end of the 09261-03011-01 Fuel Injector Seal Guide Installer Tool.
3. Insert the end of the 09261-03011-01 tool with the seal into the 09261-03020-01 Fuel Injector Seal Sizer Tool.
4. Gently push the seal through the sizer tool. This action will compress and size the seal to its correct diameter, preparing it for installation onto the injector.
5. Once the seal has passed through the sizer, remove the 09261-03011-01 tool with the sized seal. The seal should now be uniformly compressed.

4.2 Installing the Sized Seal onto the Injector (Using 09261-03011-01)

1. Ensure the fuel injector is clean and free from debris.
2. Lightly lubricate the tip of the fuel injector where the seal will be installed.
3. Carefully slide the sized fuel injector seal from the 09261-03011-01 tool onto the tip of the fuel injector. The guide installer tool helps maintain the seal's shape and prevents damage during this step.
4. Gently push the seal into its groove on the injector. Ensure it is seated correctly and evenly.
5. Remove the 09261-03011-01 tool.
6. Visually inspect the installed seal to confirm it is properly seated and not twisted or damaged.
7. Repeat the process for all remaining fuel injector seals.

Important: Always refer to your vehicle's specific service manual for detailed instructions and torque specifications related to fuel injector removal and installation. This tool set assists with the seal installation step only.

5. MAINTENANCE AND CARE

Proper maintenance will extend the life and effectiveness of your ZKTOOL Fuel Injector Seal Installer Tool Set.

- **Cleaning:** After each use, wipe down both tools with a clean, dry cloth to remove any lubricant, dirt, or debris.
- **Storage:** Store the tools in a dry environment, preferably in their original packaging or a dedicated tool case, to prevent rust and damage.
- **Inspection:** Periodically inspect the tools for any signs of wear, damage, or corrosion. Ensure the surfaces that contact the seals are smooth and free of burrs.
- **Lubrication:** No regular lubrication is required for the tools themselves, beyond the light lubrication applied to the seals during installation.

6. TROUBLESHOOTING

This section addresses common issues that may arise during the use of the tool set.

Problem	Possible Cause	Solution
Seal does not slide easily through the sizer.	Insufficient lubrication; seal is not correctly aligned.	Ensure the seal is adequately lubricated. Verify the seal is aligned straight before pushing it through the sizer.
Seal appears damaged after sizing.	Seal was forced; burrs on the tool surface.	Do not force the seal. Inspect the tool for rough edges and smooth them if necessary. Use a new seal.
Seal is difficult to install onto the injector.	Injector tip not lubricated; seal not properly sized.	Lightly lubricate the injector tip. Re-size the seal or ensure it was sized correctly.

7. SPECIFICATIONS

Attribute	Detail
Brand	ZKTOOL
Model Number	ZK754 (Corresponds to 09260-39021-01)
Compatible OEM Codes	09260-39021-01, 09261-03011, 09261-03020
Application	Fuel Injector Seal Installation for Toyota and Subaru vehicles
Material	High-quality steel
Item Weight	1.76 ounces
Package Dimensions	2.48 x 2.44 x 1.54 inches

8. WARRANTY AND SUPPORT

ZKTOOL stands behind the quality of its products.

8.1 Product Warranty

This ZKTOOL Fuel Injector Seal Installer Tool Set comes with **lifetime warranty**, ensuring long-term reliability and performance. For warranty claims or details, please contact ZKTOOL customer service.

8.2 Customer Support

If you have any questions regarding the use, maintenance, or compatibility of this tool set, please do not hesitate to contact ZKTOOL customer support. Our team is available to provide assistance and ensure your satisfaction. For support, please visit the official ZKTOOL website or refer to the contact information provided with your purchase.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question