

A U T O T E C H

sport tuning

Installation Instructions

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Part Number: 10.127.101K

Description: 2.5 TFSI High Volume Fuel Pump

TOOLS REQUIRED:

1. 90 Degree Needle Nose Pliers
2. Non-Chlorinated Contact Cleaner
3. Small amount of fresh gasoline
4. Bench Vise
5. Safety Glasses

Warning:

Before you begin to work on removing the fuel pump from the vehicle, clean a spot on the work bench to work on the pump. Lint free cloths are a good way to keep major debris from contaminating the pump. Remember cleanliness is of utmost importance while rebuilding the High-pressure rail pump. Once you have an adequate work area on the bench, clean your Bench vise with the Non-Chlorinated Contact cleaner. Only after the vise and work area are clean, should you begin working on your fuel pump.

To remove pump from engine, Autotech recommends you follow a workshop manual.

Procedure:

1. With the pump securely fastened in the bench vise. Utilize your needle nose pliers to remove the retaining ring. Image 1.
2. Now that the retaining ring is removed, the fuel pump internals may be removed by gently pulling on the spring. Image 2.
3. With the pump removed, take out the pump sleeve, and press on the pump piston to release the retainer. Be sure not to misplace the retainer, as it will be reused for reassembly. Image 3.
4. Now that the pump is fully disassembled carefully insert the new piston until it can go in no further, be careful not to damage the seal. Then attach the retainer that was removed in step 3 and place the new sleeve on the pump. Images 4, 5.
5. The internal assembly is now ready to go back into the main pump housing. Before placing them in the pump housing, place a few drops of fresh gasoline on the piston and sleeve. Lastly reinstall the retaining ring and securely tighten with 90 degree needle nose pliers.
6. Now the entire assembly is ready to be installed back in the motor. Follow the workshop manual for priming the pump.

