

Part numbers: 10.127.203K

Description:

VW Audi TSI Gen3 High Flow Fuel Pump Kit

Tools & supplies required for internal install, not for pump removal from engine:

1. Autotech 10.127.103T tool
2. Fresh gasoline
3. Adjustable wrench or 1 1/16" socket for 103T tool
4. Bench vise
5. Hydraulic Press
6. Bearing Splitter
7. Center Punch
8. Safety glasses
9. Non-Chlorinated Contact cleaner
10. Workshop manual for your model
11. A friend or helper

Warning:

Before you begin to work on removing the fuel pump from the vehicle, clean a spot on your 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 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. Utilizing your bearing splitter capture the area in between the spring coils (underneath the stock fuel pump retainer)
2. Place pump with bearing splitter in the hydraulic press and line up a center punch to the fuel pump piston by hand. Have a friend or helper there to catch the fuel pump housing as it may fall once retainer is pressed off.
3. Now that the retainer and spring are off you can attach your Autotech 103T tool.
4. Using Autotech 103T tool and adjustable wrench or 1 1/16" socket remove the top portion of the pump housing. Once removed gently slide out the piston to not ruin the fragile seal. Install Autotech guide and piston and tighten with 103T tool.

5. Re-install OEM spring and install Autotech's retainer and keepers. Sometimes it helps to have a friend compress the spring while you install keepers into the retainer.
6. Push the piston down with your fingers to make sure the keepers are seated properly within the retainer.

