2018-2024 Volkswagen Atlas - Replace Fuel Injector

2018-2024 Volkswagen Atlas | Advanced | 2-3 hours | $114 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Fuel Line Disconnect Tool Ratchet Wrench Extension Bar Needle Nose Pliers T30 Torx Driver Rubber Mallet

PARTS

Fuel Injector 03H906036R $98.80
Injector O-Ring Seal $5.00
Fuel Injector Support Ring $10.00

STEPS

1. **Relieve fuel pressure and disconnect the battery - Work cold with no sparks or open** flame. On the 2018-2024 Volkswagen Atlas SE, relieve fuel pressure via the service port or the procedure in the manual, then disconnect the negative battery cable. Wear gloves and eye protection; keep a cla...
2. **Access the fuel rail and injectors - Remove the engine cover and any intake ducting** blocking the fuel rail on the 2018-2024 Volkswagen Atlas SE. Unplug each injector electrical connector and label them by cylinder. Place towels under the rail to catch residual fuel.
3. **Remove the fuel rail and old injector - Unbolt the fuel rail, lift it evenly with the** injectors, and pull the faulty injector from the rail or head. Note O-ring positions on the nozzle and rail ends of the 2018-2024 Volkswagen Atlas SE injector.
4. **Transfer clips and lubricate new O-rings - Install new O-rings lightly lubricated with** clean engine oil or the specified assembly lube - never petroleum jelly on some designs. Transfer any retainer clips used on the 2018-2024 Volkswagen Atlas SE.
5. **Reinstall the injector and rail - Seat the injector fully into the rail and head,** reinstall the rail bolts evenly to the specified torque, and reconnect each electrical connector until it clicks. Refit vacuum lines and covers on the 2018-2024 Volkswagen Atlas SE.
6. **Repressurize, leak-check, and verify idle - Start the 2018-2024 Volkswagen Atlas SE,** confirm a smooth idle, and clear any injector-related codes after a short drive.

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