2015-2024 Land Rover Discovery Sport - Replace Fuel

2015-2024 Land Rover Discovery Sport | Advanced | 2-3 hours | $375 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Fuel Line Disconnect Tool Injector Puller Tool Socket Extension Ratchet Wrench Needle Nose Pliers Safety Glasses

PARTS

Fuel Injector $319.34
Fuel Injector Seal $5.70
Fuel Injector Connector LR116490 $50.00

STEPS

1. **Relieve fuel pressure and disconnect the battery - Work cold with no sparks or open** flame. Relieve fuel pressure via the service port or the manual's procedure, then disconnect the negative battery cable. Wear gloves and eye protection; keep a class-B extinguisher nearby.
2. **Access the fuel rail and injectors - Remove the engine cover and any intake ducting** blocking the fuel rail. Unplug each injector 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. Cap open ports immediately. Note O-ring positions on the nozzle and rail ends.
4. **Transfer clips and lubricate new O-rings - Compare the new injector to the old one.** 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.
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 connector until it clicks. Refit vacuum lines and covers.
6. **Repressurize, leak-check, and verify idle - Reconnect the battery and cycle the key to ON** a few times (without starting) to pressurize the rail. Check every O-ring and rail feed for seepage before starting. Start up, confirm a smooth idle, and clear injector codes after a short driv...

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