

2015-2020 Ford F-150 | Expert | 4-8 hours | \$210 DIY

TOOLS

Floor jack, jack stands, wheel chocks, and a rated transmission jack/support if tank removal is required Fuel-line disconnect tools and vehicle-approved retaining-ring tool Metric/SAE socket set, ratchet, extensions, and torque wrench Approved fuel container, absorbent pads, flashlight, and non-sparking hand tools where specified Safety glasses, fuel-resistant gloves, and a fire extinguisher rated for flammable liquids

PARTS

Vehicle-specific in-tank fuel pump/filter module or serviceable filter for 2015-2024 Ford F-150; verify VIN, engine, drivetrain, and fuel type \$210.00
New fuel-module seal/O-ring and lock ring or retaining hardware for 2015-2024 Ford F-150; replace rather than reuse damaged seals \$35.00
Fuel-safe absorbent pads, approved container, and replacement fuel-line clips as required \$25.00

STEPS

- 1 Verify the part and make the vehicle safe - Park the 2015-2024 Ford F-150 outdoors on level ground, set the parking brake, let the engine cool, check the VIN/engine-specific procedure, and compare the replacement pump module with the original before opening the fuel system.**
- 2 Relieve fuel pressure and disconnect power - Follow the 2015-2024 Ford F-150 service procedure to disable the pump or remove the fuel-pump fuse/relay, run the engine only as directed until pressure is relieved, then switch off the ignition and disconnect the negative battery cable wh...**
- 3 Expose the fuel module safely - Lower and support the fuel tank with a rated jack, disconnect the filler/vent hoses, electrical connectors, fuel lines, and straps, then remove the tank without stretching lines.**
- 4 Remove the old pump module - Mark connector and line positions, release each lock without prying on plastic, and remove the retaining ring with the vehicle-approved method. Lift the pump module straight out while controlling residual fuel and protecting the sender and...**
- 5 Install the replacement pump module - Compare the old and new parts, install the new seal/O-ring and any supplied filter, strainer, clips, or lock ring in the exact orientation, and seat the module without pinching the seal. Use only the specified lubricant and torque/retainer...**
- 6 Reconnect and prime the fuel system - Reconnect every fuel, vapor, and electrical connection, reinstall the service cover or raise the tank and tighten straps/hoses to the exact procedure, then reconnect the battery. Cycle the ignition as directed several times without cranking...**
- 7 Inspect for leaks and verify operation - Before starting, inspect the module, lines, tank, and ground for wet fuel or vapor. Start the 2015-2024 Ford F-150, let it idle while checking for leaks and abnormal pump noise, scan for faults if appropriate, and do not drive if fuel odor...**