1997-2014 Ford E-350 - Spark Plug Replacement

1997-2014 Ford E-350 | Advanced | 2-4 hours | $115 DIY

TOOLS

5/8-inch spark plug socket with rubber insert 3/8-inch ratchet with 3-inch, 6-inch, and 10-inch extensions 7mm socket for coil retaining bolts Wire-type feeler gauge Dielectric grease Penetrating oil Compressed air or a small brush Magnetic pickup tool 10mm wrench for the battery terminal

PARTS

Correct spark plug set for the gasoline/ICE engine in 1997-2014 Ford E-350; verify engine, heat range, gap, and VIN fitment $115.00

Coil-boot seals or ignition coils only if inspection finds damage $35.00

STEPS

1. **Identify your Triton engine and access split - Both use coil-on-plug ignition. One coil** per plug, each held by a single small bolt, with no plug wires. Confirm your engine from the badge or emissions sticker, and do not touch a plug until the engine is completely cold.
2. **Remove the doghouse and open both access points - Slide both front seats fully rearward** and release the four clips at floor level around the doghouse, then pull the cover straight back and tilt it out of the cab - the rubber gasket can stick if it has never been removed, so work it free...
3. **Remove the coils one at a time - Work one cylinder at a time, starting with the easiest** front coils to build familiarity. Disconnect the coil's electrical connector, remove its single retaining bolt (a 7mm socket fits), and pull the coil straight up out of its well - tw...
4. **Remove the old plugs with care - With the engine stone cold, fit a 5/8-inch spark plug** socket fully onto the plug and break it loose with smooth, steady pressure. If a plug resists, stop. Unthread each plug and lift it out with the socket's rubber insert.
5. **Gap the new plugs - Check the gap on every new plug with a wire feeler gauge. The correct** spec is on the emissions sticker under the hood, and it must be verified even on pre-gapped plugs. Adjust only by bending the ground strap. Never touch the center electr...
6. **Reinstall the coils and doghouse - Slide each coil back down its well until it seats** fully on the plug. Double-check that every connector is latched and no bolts are left over. Reinstall the doghouse: set it in place, engage all four floor clips, and make sure the gasket se...
7. **Verify and watch for thread issues - Start the engine and confirm a smooth idle, then** take a test drive including some load. Watch for a check-engine light over the next few drives.

TORQUE

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