2012-2019 Fiat 500 - Spark Plug Replacement

2012-2019 Fiat 500 | Advanced | 30 minutes to 1 hour | $115 DIY

TOOLS

5/8-inch spark plug socket (magnetic or rubber-grip) 3/8-inch ratchet 6-inch 3/8-inch extension 10mm socket Flathead screwdriver (hose clamps) Feeler gauge Compressed air or blower nozzle Dielectric grease

PARTS

Correct spark plug set for the gasoline/ICE engine in 2012-2019 Fiat 500; 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. **Lift the air box off to expose the coil packs - Park it cold and pop the hood. On the** standard 1.4L MultiAir (Pop, Lounge) and the turbo Abarth alike, the four coil packs hide under the air box and engine trim. Start by disconnecting the intake hose and the two or three small breather h...
2. **Unplug and unbolt the four coil packs - Each coil is held by its own 10mm bolt. Squeeze** the connector tab, rock the plug off, remove the bolt into a tray - one coil at a time. The connector locks get brittle with age: wiggle, don't yank.
3. **Swing the blocking hose aside for the last coil - On Abarths especially, the far-left** coil hides behind a hose that won't budge at the coil end. Don't fight it - trace the hose to its other connection, pop it off there, and swing the whole hose aside.
4. **Pull the coils, check for oil, and blow out the tubes - Twist each coil as you pull it** straight up out of its tube. Shine a light down each tube, wipe light residue with a rag, then blast compressed air down each tube so no grit falls into the open cylinder.
5. **Spin the old plugs out with a long extension - Drop a 5/8-inch spark plug socket on a** long extension down each tube - the plugs sit deep, so a magnetic or rubber-grip socket keeps you from dropping one. Crack each plug loose and spin it out by hand on the extension. Keep the old plug...
6. **Gap-check the new plugs and thread them in by hand - Check each new plug's gap with a** feeler gauge against the specification in your owner's manual or on the emissions sticker under the hood - the turbo and non-turbo 1.4L call for different gaps, so confirm which engine you have. Lower eac...
7. **Reverse the teardown and confirm it runs right - Slide each coil back down its tube,** reinstall the 10mm bolts, and click every connector home until the tab engages. Refit the air box - slide the rear mounts in first, pop the front down - and reconnect the intake hose plus every breat...

TORQUE

ezcarfix.com