2019-2026 Volkswagen Jetta - Ignition Coil

2019-2026 Volkswagen Jetta | Easy | 30-45 minutes

TOOLS

10mm socket 3/8-inch ratchet and extension
OBD-II scanner Ignition coil puller
(optional) Needle-nose pliers Work gloves
Safety glasses

PARTS

Ignition Coil (2019-2021 1.4T) 04E905110K $69.00
Ignition Coil (2022-2026 1.5T) 05E905110 $40.00

STEPS

1. **Confirm the engine and the bad cylinder - This guide covers the non-GLI Jetta only: 2019-2021** with the 1.4L TSI (EA211, engine code DGXA) and 2022-2026 with the 1.5L TSI (EA211 evo, engine code DPCA). The GLI 2.0T (EA888) uses a different co...
2. **Park, cool down, and open the hood - Park on level ground, set the parking brake, and switch the** ignition off. Let the engine cool completely if it was driven recently: the coils sit on top of the cylinder head and the surrounding parts...
3. **Disconnect the negative battery terminal - Loosen the 10mm nut on the negative battery terminal** and lift the cable off the post. Tuck it aside so it cannot spring back onto the terminal while you work.
4. **Remove the engine cover - Pull the engine cover straight up off its rubber grommets to expose the** four ignition coils on top of the valve cover. On the 1.4T, the air intake hose runs over the coils: loosen its clamp and move...
5. **Unplug the electrical connector - On the faulty coil, press the locking tab on the electrical** connector and pull the connector straight off. Pull on the connector body, never on the wires. If you are replacing all four coils, unplug...
6. **Remove the 10mm coil hold-down bolt - Remove the small 10mm bolt that secures the coil to the** valve cover and set it aside where it cannot fall into the engine bay.
7. **Pull the old coil straight up - Pull the coil off the spark plug, twisting if it resists. Use an** ignition-coil puller if it will not budge: yanking at an angle can crack the coil or tear the boot. If the boot stays on the plug, fis...
8. **Check the part number before installing - Match the new coil to the engine: 2019-2021 1.4T takes** OE 04E905110K (supersedes 04E905110B and 04E905110E); 2022-2026 1.5T takes OE 05E905110. The two coils look alike but are not interchangeable. I...
9. **Seat the new coil - Push the new coil firmly and squarely down onto the spark plug until it seats** fully with no gap between the coil body and the valve cover. A coil that is not fully seated will misfire again immediate...
10. **Reinstall the bolt and reconnect - Reinstall the 10mm hold-down bolt and tighten it snug by hand:** no factory torque figure is published for this bolt, so do not overtighten it. Push the electrical connector back on until it clicks. Re...
11. **Reinstall the cover and reconnect the battery - Refit the engine cover onto its grommets and** reconnect the air intake hose if you moved it. Reconnect the negative battery terminal and tighten the 10mm nut.
12. **Clear codes and test drive - Use the OBD-II scanner to clear the misfire codes, then start the** engine and let it idle: it should run smooth with no flashing check engine light. Take a short test drive including light acceleratio...

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