2013-2016 Porsche Cayman - Spark Plug Replacement

2013-2016 Porsche Cayman | Advanced | 90-120 minutes | $29 DIY

TOOLS

16mm magnetic spark plug socket Torque wrench Ratchet with extensions Compressed air Jack and jack stands Lug wrench Safety glasses

PARTS

Bosch FGR-5-NQE-04 spark plugs for 981 Cayman (quantity 6) $29.00

STEPS

1. **Prepare for mid-engine access - Let the engine cool completely. Disconnect the negative** battery terminal. On the 981 Cayman the flat-six is mid-mounted. Access the spark plugs from underneath the car and through the rear wheel wells. Raise the rear onto jack stands.
2. **Remove wheels and access panels - Remove the rear wheels and the underbody access panels.** This exposes the sides of the flat-six engine where the coil packs are mounted. There are 3 coils per side.
3. **Remove the coil packs - Disconnect each coil electrical connector by pressing the release** tab. Remove the coil hold-down bolts. Pull each coil straight out and place them in order on a clean surface.
4. **Clear the plug wells - Blow compressed air into each spark plug well to remove grit and** debris. The mid-engine compartment collects significant contamination. Work on one cylinder at a time.
5. **Remove the old plugs - Using a 16mm magnetic spark plug socket with extensions, remove** each plug. The flat-six plugs are deeply recessed and angled. Inspect the old plugs - even wear across all 6 is normal. Check new plug gaps.
6. **Install new plugs - Hand-thread each new plug until finger-tight, then torque to 25 Nm.** The aluminum heads are unforgiving of cross-threading. Work systematically across all 6 cylinders.
7. **Reassemble and verify - Reinstall the coils, torque the bolts, and reconnect all** electrical connectors. Refit the access panels and wheels. Lower the car, reconnect the battery, and start the engine to verify smooth idle.

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