2015-2019 Volkswagen Passat - Spark Plug

2015-2019 Volkswagen Passat | Advanced | 60-90 minutes | $48 DIY

TOOLS

3/8-inch ratchet Spark-plug socket (usually 5/8-inch or 14 mm; confirm engine) 6-inch extension and small torque wrench Compressed air or soft brush 10 mm socket for coil fasteners (if equipped) 16mm thin-wall spark-plug socket with rubber insert

PARTS

Iridium spark plugs for Volkswagen Passat (verify engine and heat range) $48.00
Spark plug boot grease (small tube, optional) $8.00

STEPS

1. **Confirm engine and prepare the vehicle - Covers the 2015-2019 Passat 1.8T TSI (EA888 Gen 3) - four plugs. OE: NGK PLFER7A8EG Laser Platinum (stock 94833, VW 06K905611C), pre-gapped 0.031-0.032 in. (0.8 mm), 14mm thread, 26.5mm reach, 16mm hex. Confirm the part number agains...**
2. **Expose the ignition coils - Pop the hood, disconnect the battery’s negative terminal, and pull the plastic engine cover straight up off its grommets to expose the four coil packs across the top of the valve cover. The EA888’s coils sit in deep, narrow plug tubes -...**
3. **Remove one plug at a time - Release each coil’s electrical connector, remove its hold-down bolt, and pull the coil straight up with a gentle twist. Using the thin-wall 16 mm socket with an extension, loosen the plug and lift it out.**
4. **Inspect and compare the replacement - Compare the old plug to the new NGK PLFER7A8EG: the part number, 14 mm thread, 26.5 mm reach, and 16 mm hex should all match, and the old plug’s wear pattern should look even across all four cylinders. Confirm the new plug’s pre-set gap of...**
5. **Install and torque the new plug - Thread the new plug into the head BY HAND until it seats - the EA888’s long plug tubes make cross-threading easy if you rush, so turn it in carefully with just the extension before attaching the ratchet. Once seated, tighten to Volkswage...**
6. **Reinstall coils and test - Push each coil firmly back onto its plug, reinstall the hold-down bolts, and reconnect the wiring clips until they click. Refit the engine cover and any ducting, then reconnect the battery. Start the Passat and let it idle: the 1.8 TSI sho...**

TORQUE

Spark plug (verify engine-specific specification) 24 Nm 18 ft-lbs

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