

2007-2011 Toyota Camry | Moderate | 30-60 minutes (4-cylinder); 2-3 hours (V6 with intake plenum removal)

TOOLS

5/8 in (16mm) spark plug socket with rubber insert 3/8 in ratchet and ~6 in extension
10mm socket Torque wrench (low range covering 18 ft-lb) Compressed air or shop vacuum
Wire or feeler gap gauge Small flathead screwdriver (brittle coil connectors) Safety glasses and gloves

PARTS

Denso Iridium Long Life Spark Plug SK20R11 (2007-2009 2.4L 2AZ-FE, set of 4) SK20R11 \$58.00
Denso Iridium Long Life Spark Plug SC20HR11 (2010-2011 2.5L 2AR-FE, set of 4) SC20HR11
Denso Iridium Long Life Spark Plug FK20HR11 (2007-2011 3.5L V6 2GR-FE, set of 6) FK20HR11

STEPS

- 1 Work cold, disconnect the battery - Only change plugs on a fully cooled engine. Aluminum heads gall and seize plugs when hot.** Disconnect the negative battery terminal with a 10mm wrench before unplugging the ignition coils.
- 2 Remove the engine cover - On the 4-cylinder engines (2.4L 2AZ-FE, 2.5L 2AR-FE), pull the plastic engine cover off.** It is held by two 10mm nuts. This exposes the four ignition coil packs sitting directly on top of the plugs.
- 3 Unplug and remove the ignition coils - Squeeze the lock tab on each coil electrical connector and disconnect it.** These connectors are brittle on a 15+ year-old car, so squeeze the tab, never yank the wire. Remove the single 10mm coil bolt...
- 4 Blow out the plug wells - Before loosening anything, blast each spark plug well with compressed air (or a shop vacuum).** Debris that falls into the cylinder after the plug is out can score the cylinder wall.
- 5 Remove the old plugs - Use a 5/8 in (16mm) spark plug socket with an internal rubber insert and a ~6 in extension to remove all four plugs.** Inspect the old plugs for oil fouling, which is a known issue on the 2.4L 2AZ-FE t...
- 6 Gap-check the new plugs - Confirm each new plug's gap is 0.044 in (1.1 mm) with a wire or feeler gauge.** Iridium fine-wire plugs come pre-gapped; do not aggressively re-gap them. Do NOT apply anti-seize to the new NGK or Denso...
- 7 Install the new plugs - Thread each plug in by hand using just the extension to avoid cross-threading.** Once seated by hand, torque to 25 N-m (18 ft-lb), the Toyota factory spec for the 2AZ-FE and 2AR-FE. Do not use the old...
- 8 Reinstall coils and cover - Seat each coil back on its plug, torque the coil bolts to 9.0 N-m (80 in-lb), reconnect the electrical connectors until the tabs click, replace the engine cover, and reconnect the negative battery te...**
- 9 Start and verify - Start the engine and let it idle. It should idle smooth immediately if the old plugs were worn.** Take a short test drive and confirm smooth acceleration. If the check engine light comes on, scan for m...
- 10 V6 note: the rear bank - On the 3.5L V6 (2GR-FE), the front three plugs are done the same way, but the rear bank sits under the intake plenum.** The book method removes the windshield cowl and the intake plenum, then replaces...

TORQUE