

2010-2024 Toyota 4Runner | Advanced | 2-4 hours | \$95 DIY

TOOLS

Metric socket set, ratchet, and extensions
Torque wrench and small trim tool or pick
Compressed air or a clean brush for plug wells
Dielectric grease and flashlight
Scan tool or code reader
Safety glasses and gloves

PARTS

Replacement ignition coil; verify engine, cylinder, and connector by VIN \$95.00

STEPS

- 1 Confirm the misfire diagnosis - Scan the 2010-2024 Toyota 4Runner for DTCs and identify the cylinder.** Inspect the spark plug, coil boot, connector, harness, injector, intake leaks, and compression before condemning the coil; swap-test only when safe and appropriate.
- 2 Cool the engine and prepare safely - Park the 2010-2024 Toyota 4Runner on level ground,** set the parking brake, switch the ignition off, let the engine cool, and disconnect the negative battery cable if required by the service procedure. Keep clear of EV/high-voltage parts.
- 3 Remove covers and gain access - Remove the engine cover, intake duct, or other access pieces needed to reach the 2010-2024 Toyota 4Runner ignition coils.** On V6 engines, follow the engine-specific procedure for any upper intake manifold or rear-bank access.
- 4 Disconnect the coil - Photograph the 2010-2024 Toyota 4Runner coil layout. Press the connector lock and unplug the suspect coil without pulling on the wires.** Blow debris away from the coil and bolt before removal.
- 5 Remove the old coil - Remove the 2010-2024 Toyota 4Runner coil retaining bolt with the correct socket, then twist and lift the coil straight out.** Inspect the boot, plug well, connector, and nearby wiring for oil, moisture, cracking, or carbon tracking.
- 6 Install and torque the replacement - Compare the new coil with the removed 2010-2024 Toyota 4Runner part, apply only a small amount of dielectric grease inside the boot if specified, seat it fully over the spark plug, start the bolt by hand, and tighten to the exact engine-sp...**
- 7 Reconnect and verify operation - Reconnect the 2010-2024 Toyota 4Runner coil connector until it locks, reinstall all covers and intake parts, reconnect the battery if disconnected, clear codes only after recording them, start the engine, and road-test while checking for r...**