2016-2023 Toyota Tacoma - Spark Plug Replacement

2016-2023 Toyota Tacoma | Moderate | 2-3 hours | $41 DIY

TOOLS

5/8-inch (16mm) spark plug socket with rubber insert 3/8-inch ratchet 6-inch extension and a swivel (universal) socket adapter 10mm and 12mm sockets gap gauge / feeler gauges dielectric grease compressed air or canned air duster flathead screwdriver or trim tool for hose clamps

PARTS

Spark plugs (correct heat range) $35.00
Dielectric grease $6.00

STEPS

1. **Identify your engine and know the intake-manifold shortcut - The 2016-2023 Tacoma sold** with two engines: the 3.5L V6 (2GR-FKS) and the 2.7L four-cylinder (2TR-FE). Toyota's factory repair manual tells you to remove the intake manifold to reach the driver's-side plugs on the 3.5L V6, but owners hav...
2. **Work cold and clear the passenger side first - Let the engine go completely cold. Pop off** the plastic engine cover - it lifts straight off its mounts. On the 3.5L V6, start with the passenger-side bank: remove the air intake tube and resonator box between the airbox and throttle body...
3. **Free the driver's-side coils past the intake manifold - On the driver's side, remove the** two intake plenum support brackets - four 12mm bolts - plus the 10mm bolt holding the sound insulation and the AFR sensor harness bracket, and pop the fuel lines out of their hold-down clips without ben...
4. **Pull the old plugs and check what they tell you - Tacoma owners have found factory plugs** barely more than finger-tight - even completely loose, with blow-by staining the coil boot brown - so check the old plug's tightness as a clue to how the truck was running.
5. **Gap-check against the sticker and thread every plug by hand - Check each new plug's gap** with a wire-type gauge against the value on the under-hood emissions sticker or in the owner's manual - note that Toyota's own manual for some of these trucks says not to re-gap iridium plugs, so if the box says...
6. **Seat the plugs gently - Once finger-tight, finish with the seating turn given on the plug** box - about a quarter to a half turn past finger-tight for washer-seat plugs - and stop there.
7. **Reinstall brackets, intake tube, and verify under load - Reinstall the plenum support** brackets (snug the 12mm bolts evenly), the sound insulation, the AFR harness bracket, and the fuel line hold-downs. Reconnect every coil connector until the tab clicks, refit the air intake tube and resonator,...

TORQUE

Spark plugs (generic ~13 ft-lbs / 18 Nm - check your vehicle manual) 18 Nm 13 ft-lbs

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