2018-2024 GMC Terrain - Replace Ignition Coil

2018-2024 GMC Terrain | Moderate | 1 hour | $60 DIY

TOOLS

Flat Blade Screwdriver 10mm Socket Ratchet 5/8" Spark Plug Socket Torque Wrench

PARTS

ACDelco Ignition Coil 12635672 $50.00
ACDelco Spark Plug $10.00

STEPS

1. **Confirm the bad coil and prep the engine bay - Read the codes first - P0301 through P0304** tells you exactly which cylinder is misfiring, so you only replace the failed coil. Gather a ratchet with sockets for the cover and coil hold-down bolts, plus the correct coil-on-plug for your e...
2. **Remove the plastic engine cover - Lift the plastic engine cover straight up off its** mounting grommets. Set it aside where it can't fall onto the fender. Underneath are four identical coil-on-plug units in a row on the valve cover, one over each spark plug.
3. **Disconnect the coil's electrical connector - Find the coil on the misfiring cylinder.** Press the release tab and slide the connector straight off - never yank the wires. Replacing more than one? Work one cylinder at a time or label each connector so the wiring can't get mixed up.
4. **Remove the coil hold-down bolt - Each coil is held by one small hold-down bolt at its** base. Remove it with the correct socket and set it where it can't roll away. Every bolt threads into aluminum - track them all and avoid cross-threading on reassembly.
5. **Lift out the old coil and inspect the area - Pull the coil straight up - twist gently if** the boot is stuck, no prying against the valve cover. Inspect the boot for cracks or burn marks. Check the empty well: oil pooled around the plug means the valve cover gasket is leaking.
6. **Seat the new coil and reconnect it - Confirm the new coil matches the old in shape,** height, and connector. Press it straight down into the well until it seats fully onto the plug. Reinstall the hold-down bolt snug - overtightening strips the aluminum threads. Push the conne...
7. **Reassemble and verify the repair - Press the engine cover back onto its grommets until** flush, then reconnect the negative battery terminal. Start the engine and let it idle - it should idle smoothly with no check-engine light. If a code is still stored, clear it and take...

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