2018-2024 Buick Enclave - Replace Throttle Body

2018-2024 Buick Enclave | Advanced | 2-3 hours | $415 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Ratchet Wrench Extension Bar Socket Set Screwdriver Set Pry Bar Gloves

PARTS

Throttle Body 12635035 $400.00
Throttle Body Gasket 12635036 $15.00

STEPS

1. **Disconnect the battery and cool the engine - Work on a cool engine. Disconnect the** negative battery cable. On the Buick Enclave, locate the throttle body on the intake tract after the air box/MAF tube. Photograph hose and connector routing before removal. Wear gloves.
2. **Remove the intake tube and electrical connector - Loosen clamps and remove the intake** tube from the throttle body. Unplug the electronic throttle connector and any coolant hoses or vacuum lines - plug coolant hoses to limit spill if equipped.
3. **Unbolt and remove the old throttle body - Remove the throttle-body mounting bolts/nuts** and separate it from the intake manifold or spacer. Note gasket orientation. Don’t drop debris into the open intake - cover the opening with a clean cloth.
4. **Clean the mating surface and compare the new unit - Clean old gasket material from the** manifold flange without gouging the soft aluminum. Match bore size, connector, and coolant ports on the new throttle body. Install a new gasket or O-ring - do not reuse a crushed gasket.
5. **Install the new throttle body and reconnect - Position the new throttle body, start** fasteners by hand, then tighten evenly to spec. Reconnect coolant/vacuum lines, the electrical connector, and the intake tube until clamps are secure. Reconnect the battery.
6. **Perform idle relearn and verify drivability - Key on to let the electronic throttle** self-check if applicable, then start the Enclave. Clear any throttle/APP codes. Perform the idle relearn if required, then road-test for smooth tip-in with no surge or high idle.

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