

2020 Buick Truck Enclave AWD V6-3.6L

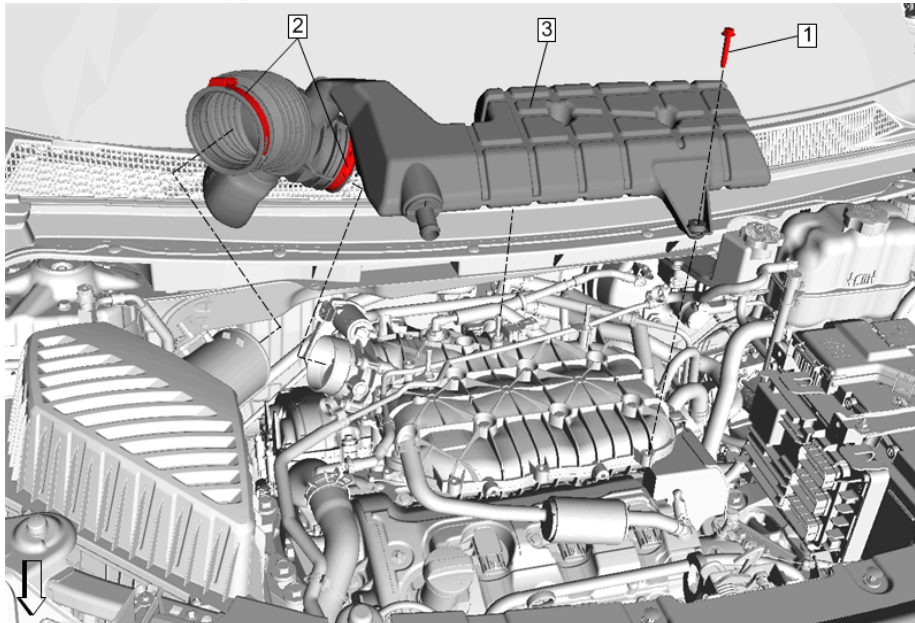
Vehicle > Powertrain Management > Ignition System > Spark Plug > Service and Repair > Removal and Replacement

INTAKE MANIFOLD REPLACEMENT

Document ID: 4753334

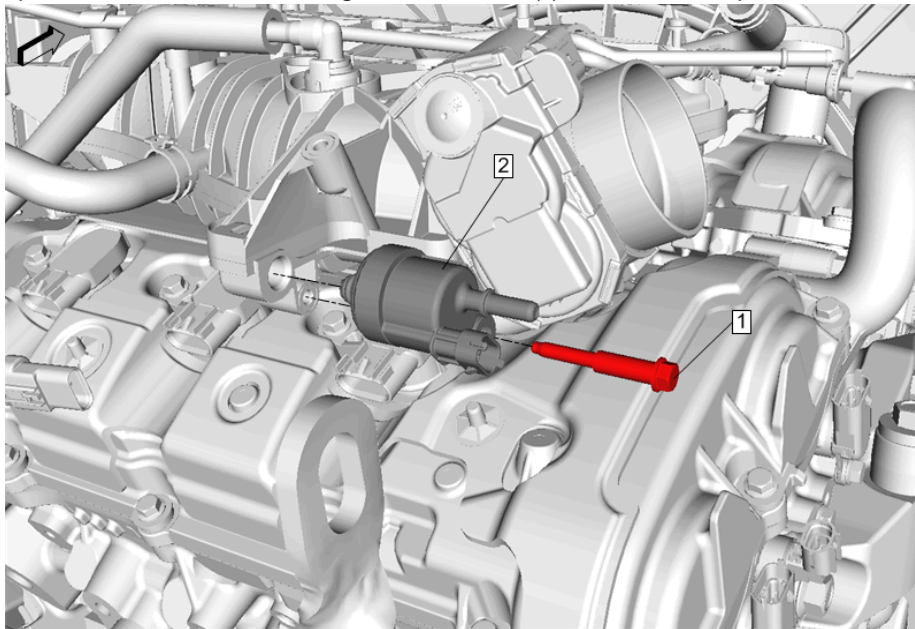
Removal Procedure

1. Air Cleaner Outlet Duct (3) » Remove — Air Cleaner Outlet Duct Replacement



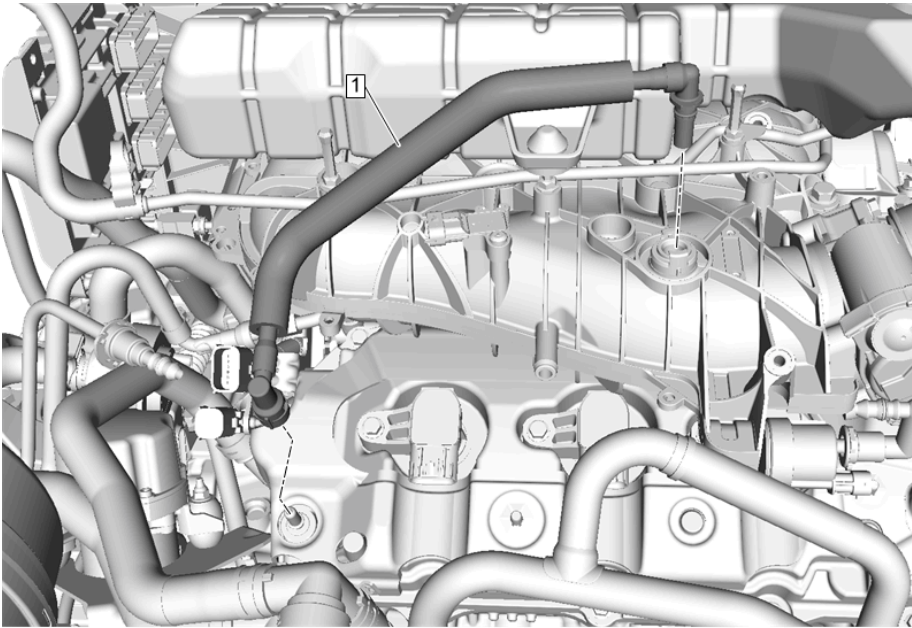
2. Throttle Body Assembly » Remove — Throttle Body Assembly Replacement

3. Evaporative Emission Canister Purge Solenoid Valve (2) » Remove — Evaporative Emission Canister Purge Solenoid Valve Replacement

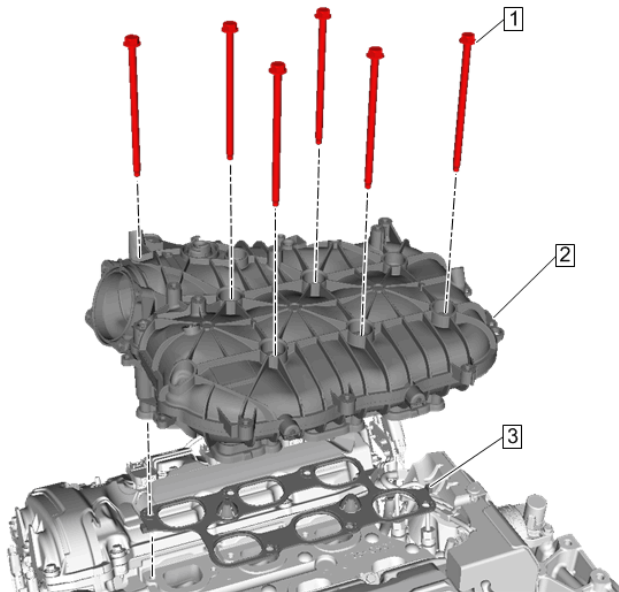


4. Engine Coolant Air Bleed Pipe » Remove — Engine Coolant Air Bleed Pipe Replacement

5. Positive Crankcase Ventilation Tube (1) @ Intake Manifold to Camshaft Cover » Remove — Positive Crankcase Ventilation Hose/Pipe/Tube Replacement



6. Power Brake Booster Vacuum Pipe @ Intake Manifold » Disconnect — Power Brake Booster Vacuum Hose Replacement
7. Manifold Absolute Pressure Sensor » Remove — Manifold Absolute Pressure Sensor Replacement
8. Engine Rear Noise Shield » Remove — Engine Rear Noise Shield Replacement
9. Detach wiring harness and position aside as needed.
10. Intake Manifold Bolt (1) » Remove [6x]

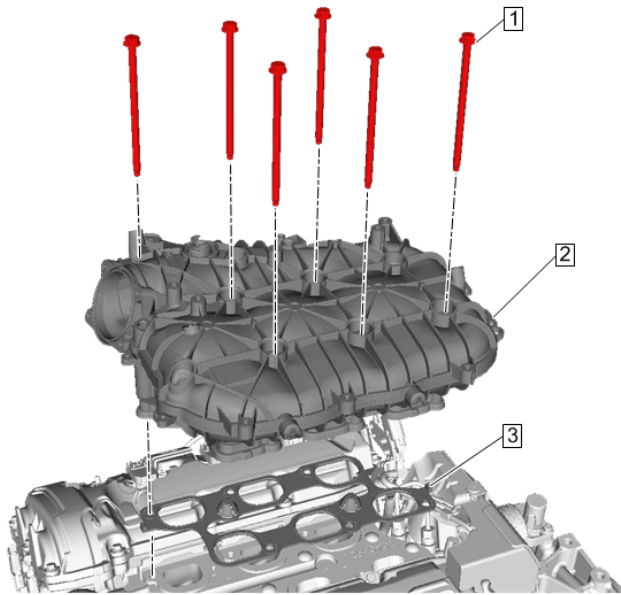


11. Intake Manifold (2) » Remove
12. Intake Manifold Gasket (3) » Remove and DISCARD
13. Cover the cylinder head passages in order to prevent dirt or debris from entering the passages.
14. Intake Manifold » Disassemble — Intake Manifold Disassemble
15. Intake Manifold » Clean and inspect — Intake Manifold Cleaning and Inspection

Installation Procedure

1. Intake Manifold » Assemble — Intake Manifold Assemble

2. Intake Manifold Gasket (3) » Install NEW



3. Apply a 5 mm (0.20 in) band of threadlock to the threads of the intake manifold bolts. Adhesives, Fluids, Lubricants, and Sealers.

4. Remove the covers from the cylinder head passages.

5. Intake Manifold (2) » Install – Intake Manifold Installation

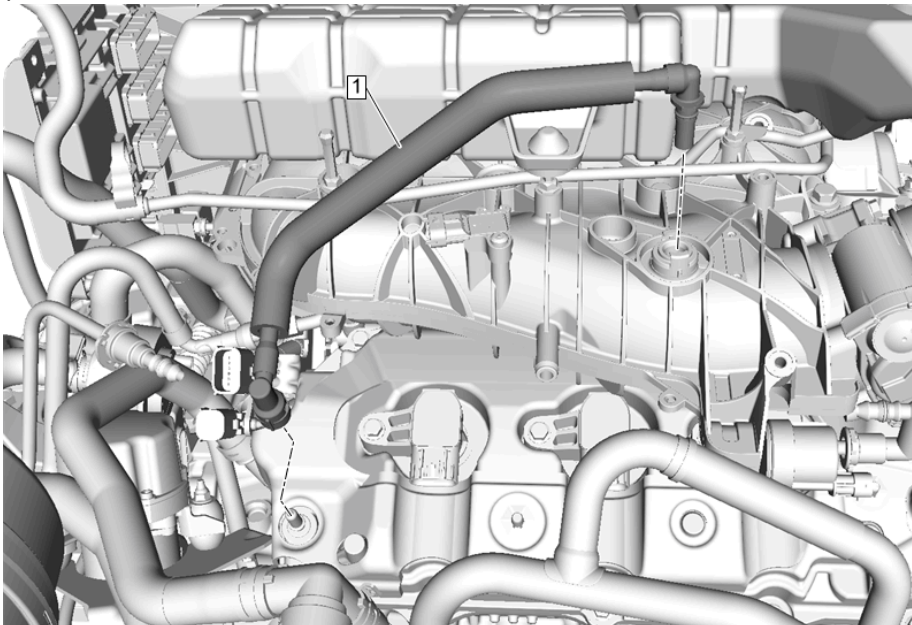
6. Position and attach wiring harness.

7. Engine Rear Noise Shield » Install – Engine Rear Noise Shield Replacement

8. Manifold Absolute Pressure Sensor » Install – Manifold Absolute Pressure Sensor Replacement

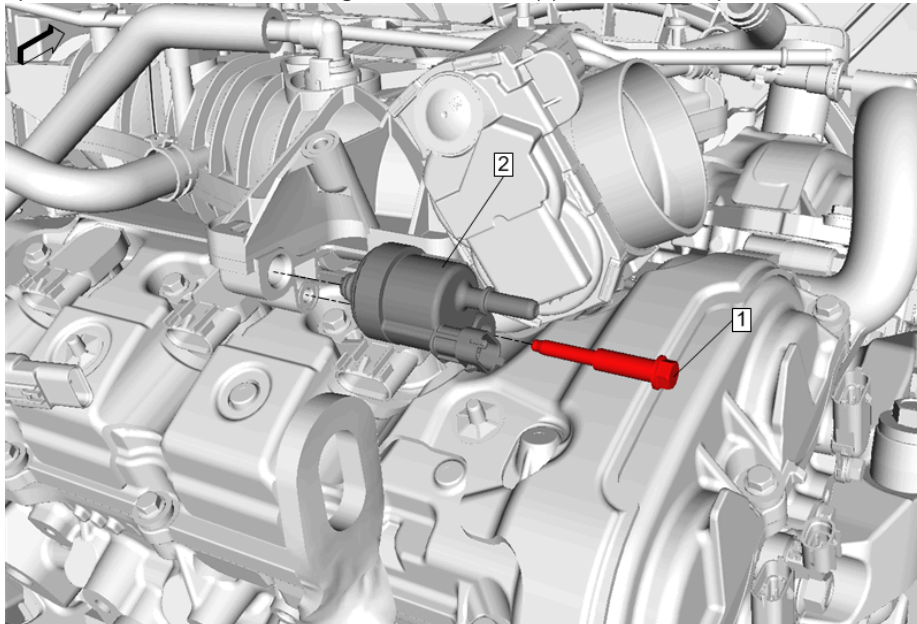
9. Power Brake Booster Vacuum Pipe @ Intake Manifold » Connect – Power Brake Booster Vacuum Hose Replacement

10. Positive Crankcase Ventilation Tube (1) @ Intake Manifold to Camshaft Cover » Install – Positive Crankcase Ventilation Hose/Pipe/Tube Replacement



11. Engine Coolant Air Bleed Pipe » Install – Engine Coolant Air Bleed Pipe Replacement

12. Evaporative Emission Canister Purge Solenoid Valve (2) » Install — Evaporative Emission Canister Purge Solenoid Valve Replacement



13. Throttle Body Assembly » Install — Throttle Body Assembly Replacement

14. Air Cleaner Outlet Duct (3) » Install — Air Cleaner Outlet Duct Replacement

