1995-2005 Chevrolet Astro - Check Engine Light /

1995-2005 Chevrolet Astro | Easy | 15-30 minutes | $25 DIY

TOOLS

OBD-II scanner compatible with the vehicle
Flashlight Notebook or phone for codes and freeze-frame data Safety glasses

PARTS

OBD2 scanner $25.00

STEPS

1. **Confirm warning severity - Start up: steady or flashing light? A flashing lamp signals a** misfire that can overheat the catalytic converter - stop and shut the 4.3L V6 off. The 1995 uses OBD-I; 1996 and later use OBD-II. A steady light is usually an emissions or sens...
2. **Connect the scanner, or the paper clip - 1996+: ignition off, connect the scanner to the** 16-pin OBD-II connector under the dash, then ignition ON, engine off. 1995: find the 12-pin ALDL connector, bridge terminals A and B with a paper clip, ignition ON, count the flashes - each c...
3. **Read and record codes - Record confirmed, pending, and permanent codes. Common: P0300** random misfire from moisture or carbon tracking in the flat distributor cap; P0420 catalyst; P0446/P0449 EVAP vent; P0122/P0121 TPS range; P0171/P0174/P0172/P0175 fuel trims fro...
4. **Check the likely cause - P0300: inspect cap and rotor for moisture, cracks, tracking;** replace as a set if suspect. Spider: fuel-pressure leakdown test; sniff for raw fuel at the throttle body, engine off. TPS: sweep in live data for dropouts. EVAP: clear solenoid...
5. **Repair, clear, and verify - After repairs, clear codes with the scanner (1995: battery** off a minute). GM drive cycle: cold start, idle, 55 mph cruise, deceleration, tank 1/4-3/4 full, overnight cold soak. Rescan: monitors set, nothing returning. Get help for flashing...

TORQUE

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