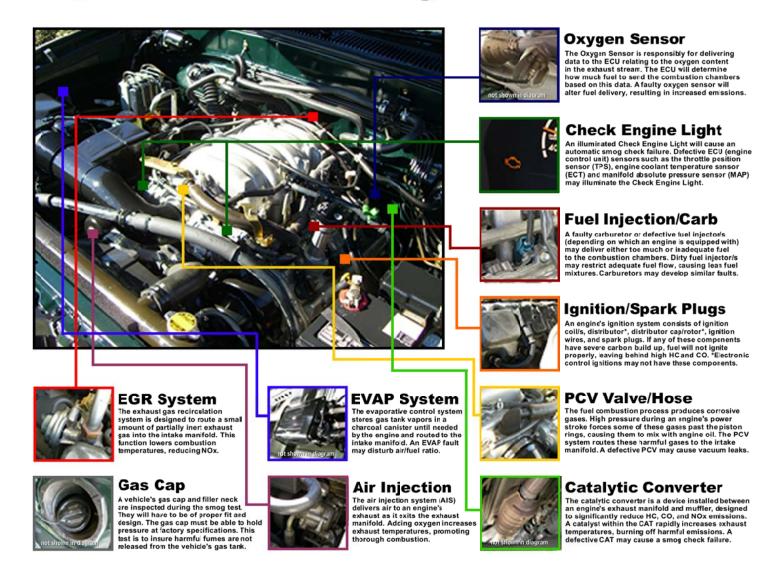
Top Reasons for Smog Check Failures



HC - Hydrocarbon Faults

- Incorrect Ignition Timing
- Faulty Spark Plugs and/or Wires
- Lean Fuel Mixtures
- Vacuum Leaks
- Low Cylinder Compression

CO - Carbon Monoxide Faults

- Faulty Oxygen Sensor/s
- Defective MAP Sensor
- Defective TPS Sensor
- Defective ECT Sensor
- Faulty Fuel Injection/Carburetor

NOx - Nitrous Oxide Faults

- Defective EGR System
- Lean Fuel Mixtures
- Overheating Engine
- High Cylinder Compression
- Defective Catalytic Converter

Note: The emissions faults described above will vary based on vehicle make/model. Vehicles may experience emissions failures described above due to components not listed, and/or components listed in different failure categories. This guide is not intended to replace a hands-on diagnosis.



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