

CALIFORNIA

Governing Agency: Department of Consumer Affairs (DCA)
Bureau of Automotive Repair (BAR)

Agency Website: www.smogcheck.ca.gov

Primary Contact:

Patrick Dorais
Deputy Chief, Bureau of Automotive Repair
10949 North Mather Blvd.
Rancho Cordova, CA 95670
Phone: 916-403-8470
patrick.dorais@dca.ca.gov

Secondary Contact:

Larry Sherwood
Chief Engineering and Research Branch
Bureau of Automotive
10949 North Mather Blvd.
Rancho Cordova, CA 95670
Phone: 916-403-0315
larry.sherwood@dca.ca.gov

CURRENT PROGRAM

Date Started: **Basic:** 1984;
Enhanced: July 1998

EPA Designation: Basic, Enhanced

Program Type: Decentralized with high emitter vehicle inspections required at "STAR"-certified stations

Program Areas: Statewide in three classifications:

- Enhanced (Biennial/Change of Ownership)
- Basic (Biennial/Change of Ownership)
- Change of Ownership

Enforcement Method: Registration Denial

Model Years: Gas (1976+); Diesel (1998+)

Vehicle Types: Gas (All classes); Diesel (14,000 lbs. GVWR or less), CNG/LNG/LPG (14,000 lbs. GVWR or less); Hybrids (starting 2013)

Exempt Vehicles: Gas:

- First four model-years (Change of Ownership)
- First six model-years (Biennial)

Other:

- Two cylinder vehicles
- Electric-powered vehicles
- Two-stroke-powered vehicles, not including rotary engines
- Motorcycles
- Off-Highway vehicles
- CNG, LNG, LPG vehicles 14,000 lbs. GVWR or greater

Test Type: Basic/Change of Ownership: Two-Speed Idle (TSI); Visible Smoke; Functional tests (EGR, timing, evaporative); Visual test of emissions control systems; and OBD (bulb check, MIL status, DTCs, readiness status)

Enhanced: Acceleration Simulation Mode (ASM); Visible Smoke;

Functional tests (timing, evaporative); Visual test of emissions control systems; and OBD (bulb check, MIL status, DTCs, readiness status). Beginning mid-2013, an OBD focused inspection will be performed on model-year 2000 and newer vehicles instead of an ASM or TSI tailpipe inspection.

Non-OBD Testable: Vehicles not equipped with a certified OBD system.

Cut Points: Varies based on make, model, engine size, model-year, certification type, and weight. All vehicle cut points can be found on BAR's Web site.

OBD: Beginning mid-2013, OBD-equipped vehicles will fail the OBD inspection if any one of the following conditions occurs:

(1) MIL does not illuminate when the ignition is on and the engine is off;

(2) MIL illuminates continuously or flashes with the engine running;

(3) OBD system reports the MIL as commanded on;

(4) OBD system reports a DTC;

(5) OBD system data indicate the system has not yet been sufficiently operated to determine the presence or absence of a DTC;

(6) OBD system does not communicate with BAR-certified inspection equipment;

(7) OBD system data are inappropriate for the vehicle being tested;

(8) OBD system data do not match OEM or California Air Resources Board (ARB) exempted OBD software configuration; or

(9) Incomplete readiness monitors (see details below);

Max Not Ready Flags: Beginning mid-2013, OBD-equipped vehicles will fail the OBD test when the following monitors are incomplete:

(A) Gas: model-years 1996-1999 with more than one incomplete readiness monitor; model-years 2000+ with any one incomplete monitor, excluding the evaporative system monitor.

(B) Diesel: model-years 1998+ with any one incomplete monitor, excluding the particulate filter system monitor on model-years 2007+.

Visual Checks Check all required emission control components for tamper conditions (defective, missing, modified, or disconnected).

Evaporative System Test: Gas cap (visual and pressure test) for pre-1996 model-years; Low Pressure Fuel Evaporative Test (LPFET) for pre-1996 model-years; visual inspection of evaporative control systems for all model-years.

Safety Test: No

Test Frequency: Change of ownership, initial registration in California, and

| | |
|-----------------------------|---|
| Annual Test Volume | biennially (every other year) in Basic and Enhanced program areas Approximately 11 million |
| Decentralized Bays: | 7,200 stations; approximately 1,000 "STAR"-certified to perform high emitter vehicle inspections |
| Test Fee: | |
| Re-test Procedures: | |
| Contracted Services: | |
| Comments: | |

Rev 11/28/2012