

# Top 6 Reasons Why Your Check Engine Light Could Be On

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According to [Forbes](#), **more than 9 million American drivers ignore the check engine light for 3 months or more**. By doing this, not only do they put their safety at risk, but they could also be escalating the damage. **The check engine light necessitates a visit to your service and repair shop.** To determine the cost of the repair, diagnosis needs to be carried out to determine what's causing the light to come on. The most common check engine light repairs are:

## 1. A Loose, Missing, or Faulty Gas Cap

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This is one of the factors that ignite the check engine light. The gas cap prevents the gasoline from evaporating and also keeps the fuel system under the appropriate pressure. Should the gas cap be broken or missing, replace it immediately at your next service stop.

## 2. Oxygen Sensor Failure

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This is the component responsible for monitoring unburned oxygen. It also monitors how much fuel you have. A faulty oxygen sensor if not attended to immediately could have damaging effects on the car's catalytic converter.

## 3. A Damaged Catalytic Converter

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This is part of the car's exhaust system that is responsible for the turning of the carbon monoxide and other harmful gases produced during combustion into harmless compounds. With regular maintenance, catalytic converter failure can be avoided. Reduced fuel economy and low performance are common symptoms of a failed catalytic converter.

#### 4. A Malfunctioned Mass Airflow (MAF) Sensor

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This component is responsible for monitoring the amount of air that gets into the engine. Common symptoms of a MAF failure include reduced gas mileage, trouble starting, an abrupt change in the throttle pedal's position, and stalling.

#### 5. A Failed Exhaust Gas Recirculation (EGR) Valve

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This is a system that lowers the volume of nitrogen oxide that emanates from the car's engine enabling it to run more efficiently. It redirects the hot exhaust gases into the combustion chambers so that the fuel warms up and burn more easily. A clogged valve can be cleaned and re-installed.

#### 6. Vacuum Leak

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Every car has a vacuum system responsible for a wide array of functions. The brake, for example, is vacuum operated. Vacuum hoses dry out and crack over time as they are exposed to extreme cold and intense heat. Vacuum leaks can trigger your check engine lights. The safest way to avoid these spontaneous leaks is by scheduling regular car maintenance visits.

Observing regular car maintenance and servicing schedules cannot be overemphasized. Besides keeping your vehicle in peak condition, they will help you avoid costly repairs down the line.

#### Get Your Check Engine Light Repairs at iAUTOHAUS in Arizona Today

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The next time your check engine light comes on, and you're cruising in the Arizona area, do not hesitate to contact iAUTOHAUS. We are a BOSCH authorized service center that repairs European vehicles such as Audi, BMW, Maserati, Jaguar, Land Rover, Porsche, Mercedes-Benz, and so on. ***Quality workmanship, affordable process, OEM or factory replacement parts, a team of ASE-certified technicians, and many other services make us an industry leader.*** While getting your vehicle serviced, you get a chance to view pre-owned vehicles from renowned brands. Give us a call today at 480-845-0587 and schedule a service appointment.