

Are repairs covered by warranty?

Warranty coverage varies, depending on the specific failure. However, the federal Clean Air Act requires that major emissions control components such as the catalytic converter be warranted for eight years or 80,000 miles and most emissions-control components are covered for at least two years or 24,000 miles. Consult your warranty or dealer

ADEQ Arizona Department of Environmental Quality Phoenix, Tucson, Yuma					
<b>VEHICLE INSPECTION REPORT OBD COMPLIANCE</b>					
<b>VALID FOR REGISTRATION IN PHOENIX AND TUCSON METRO AREAS</b>					
<ul style="list-style-type: none"> <li>This test was conducted in accordance with the Federal Short Test Procedure in 2008. If your vehicle fails, it may be covered by the manufacturer's warranty.</li> <li>Vehicle registrations expire on the 1<sup>st</sup> or last day of the month. You will not have to pay a late registration fee provided your vehicle failed the first test prior to registration expiration, is repaired, retested and passed, and the registration renewal is postmarked within 30 days of the first test.</li> <li>The Arizona Vehicle Emissions Inspection Program is administered by the Arizona Department of Environmental Quality.</li> </ul>					
DATE	12/12/2008	STATION/LANE	M06 4	TEST SEQ	INITIAL
TIME	22:22	INSPECTOR(S)	9999 9999	SID	99999999
				FEE PAID	\$XX.XX
<b>VEHICLE INFORMATION</b>					
VEHICLE IDENTIFICATION NUMBER	0000000000000000 (VIN BARCODE HERE)				
PLATE NUMBER	ABC123 DEC	BODY STYLE	4DSD	ODOMETER (000's)	123
YEAR / MAKE	1998 FORD	CYL./STDS CLASS	04 3	FUEL TYPE	G
<b>OBD READINESS MONITORS STATUS</b>					
READY PER EPA GUIDANCE					
<b>GAS CAP INSPECTION RESULTS</b>					
CAP 1	PASS	CAP 2	N/A	FINAL CAP RESULT	PASS
<b>OBD INSPECTION RESULTS</b>					
KEY ON ENGINE OFF/CRANKING BULB CHECK	PASS	KEY ON ENGINE RUNNING BULB CHECK	PASS		
OBD CONNECTOR INTEGRITY	PASS	MAFUNCTION INDICATOR LIGHT (MIL) STATUS	COMMANDED OFF: PASS		
CONGRATULATIONS! THANK YOU FOR HELPING CLEAN OUR AIR.					
THIS IS AN INITIAL INSPECTION OF THIS VEHICLE. THIS VEHICLE HAS PASSED THE EQUIPMENT INSPECTION. THIS VEHICLE HAS PASSED THE EMISSIONS TEST.					
KEEP THIS UPPER PORTION OF THIS VIR UNTIL YOU RECEIVE YOUR NEW REGISTRATION. IT IS PROOF OF COMPLIANCE WITH THE VEHICLE INSPECTION PROGRAM REQUIREMENTS.					
USE THE CUT-OFF PORTION BELOW FOR REGISTERING YOUR VEHICLE.					
FOR FURTHER INFORMATION REGARDING THE INSPECTION PROGRAM, CALL 1-800-MYAZCAR (1-800-692-9227) OR VISIT WWW.MYAZCAR.COM					
CUT HERE		CUT HERE		CUT HERE	
<b>ADEQ Arizona Department of Environmental Quality Phoenix, Tucson, Yuma</b>					
<b>ARIZONA VEHICLE EMISSIONS INSPECTION CERTIFICATE</b> SUBMIT THIS PORTION WITH YOUR REGISTRATION DOCUMENTS					
PLATE NUMBER	VEHICLE IDENTIFICATION NUMBER	YEAR/MAKE	MVD AUTHENTICATION		
ABC123 DEC	0000000000000000	1998 FORD	FULXNFUZ 14.04		
CERTIFICATE DATE	INITIAL TEST DATE	FEE PAID	CERTIFICATE TYPE		
00/00/00	00/00/00	\$XX.XX	OBD Y COMPLIANCE		
VOID IF ALTERED					

## CONTACTS FOR FURTHER INFORMATION



### Phoenix Vehicle Emissions

10210 N. 23rd Ave.  
Phoenix, AZ 85021  
(602) 944-0383

Or

4949 E. Madison Street  
Phoenix, AZ 85034  
(602) 275-1144

### Tucson Vehicle Emissions

3931 N. Business Center Dr.  
Tucson, AZ 85705  
(520) 887-5191

Web sites: [www.myazcar.com](http://www.myazcar.com)  
And [www.azdeq.gov](http://www.azdeq.gov)

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# ON-BOARD DIAGNOSTICS



**SERVICE ENGINE SOON!**

## On-Board Diagnostics

This technology is built into all 1996 and newer light-duty cars and trucks. Commonly known as OBD, the computer-based system monitors the performance of many of the engine's major components, including individual emission controls. The system provides owners with an early warning of malfunctions by way of a dash-board "Check Engine" light (also known as a Malfunction Indicator Light or MIL). By giving vehicle owners this early warning, OBD protects not only the environment but also consumers, identifying minor problems before they become major repair bills.



## How does it work?

The OBD system is integral to the computer system within the vehicle. The OBD system is connected to and monitors the principal components of the emissions control system, as well as several of the engine's operating systems or components. When the vehicle begins to operate outside of predetermined conditions -- elevated emissions or engine overheat for example -- the OBD system first tries to compensate for the problem. If that doesn't work, the system illuminates the MIL light to alert the driver, while storing the information about the problem. The driver can then have the problem checked out by a service technician before there is a break-down or a more costly component failure.

## Can I tell if it is working?

When you turn on the ignition, the "Check Engine" or "Service Engine Soon" light should flash briefly, indicating that the system is active. After this brief flash, the light should stay off while you drive as long as no problems are detected. If it stays off, you can be assured that your vehicle is being monitored by an early warning system that could save you time, money and fuel while protecting the environment.

## What should I do if the light comes on?

If the light comes on and stays on, the OBD system has detected a problem. Your vehicle might have a condition that wastes fuel, shortens engine life, or causes excessive air pollution. If left unaddressed, these conditions could also damage your vehicle and lead to increasingly expensive repairs. For example, OBD can identify a loose or missing gas cap (which wastes fuel and contributes to smog) or an engine misfire (which can lead to severe or permanent engine damage). If your "Check Engine" light comes on, don't panic. The vehicle is telling you to seek attention soon. When you reach your destination, make sure the gas cap is not loose or missing. Always turn off your engine when refueling. If the light does not go out after a few short trips following gas cap replacement or tightening, have your vehicle serviced by a qualified repair technician.

## What if the light is blinking?

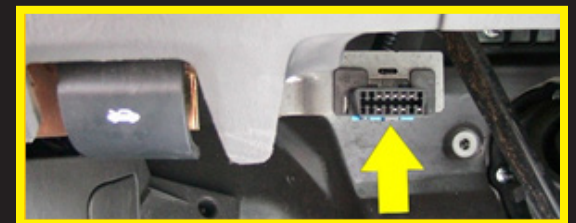
If the light is blinking, a severe engine problem is occurring, such as a misfire, which could cause engine and catalyst damage. Again, there is no need to panic, but seek attention as soon as possible. The blinking light means that damage could result.

## Are repairs more expensive?

Generally, repairs made in response to the OBD system are no more expensive than those made in response to traditional tailpipe emissions-related repairs. If repairs are made soon after the OBD "Check Engine" light coming on, you may save yourself more costly repairs that you might not have identified without the OBD warning.

## How is emissions testing done on OBD-equipped vehicles?

One of the benefits of the OBD system is the ability to "ask the computer" how the engine is performing. At an emissions inspection station, the technician simply connects the station computer to the vehicle computer through a cable called a diagnostic link connector. The vehicle computer then directly communicates the specific operating and emissions information needed for the test. This is much quicker and more effective than the traditional "tailpipe" test. Arizona is equipping most emissions inspection stations with OBD-only lanes to take advantage of this more efficient testing.



Arrow points to OBD connector under dashboard.