

Test your tire inflation knowledge!

Take our true or false
enGAUGE It Quiz
to see if you know the facts
about proper tire inflation!



Are you ready?



The *enGAUGE It* Quiz

enGAUGE It is a program of the Newton Marasco Foundation

For more information, visit www.enGAUGEIt.org or www.newtonmarascofoundation.org



QUESTION 1

You can tell that a tire is inflated to the correct PSI by looking at it.



FALSE.

You must use a tire gauge in order to know whether a tire is inflated to the correct PSI.



QUESTION 2

Use the recommended PSI listed on the tire when inflating the tires on your car.



FALSE.

The correct PSI for the tires on your car is listed on the door jamb or owner's manual of most cars.

The PSI in the owner's manual is based on the greatest amount of weight a vehicle can safely carry and the size of the vehicle. The PSI on the tire sidewall is the maximum allowable pressure for the tire itself, and tires are designed to be used on more than one type of vehicle.



QUESTION 3

To get an accurate tire pressure reading, a car must be stationary for at least 3 hours.



TRUE.

The recommended tire inflation pressure that vehicle manufacturers provide reflects the proper PSI when a tire is cold, which means it hasn't been driven in at least 3 hours.



QUESTION 4

Tire pressure only needs to be checked at each oil change.



FALSE.

Tire pressure should be checked every month because tires naturally lose air over time.



QUESTION 5

Under normal driving conditions, air-filled tires can lose about 1.5 pounds per square inch per month.



TRUE.

It is important to check your tire pressure on a monthly basis because air escapes the tire and rim naturally.



QUESTION 6

Americans waste 1.2 billion gallons of fuel per year due to under-inflated tires.



TRUE.

Vehicles with underinflated tires waste approximately 1.2 billion gallons of fuel per year due to the increased resistance of the tires.



QUESTION 7

There is no such thing as an over-inflated tire.



FALSE.

Over-inflating tires can adversely affect vehicle maneuverability, make the ride harsher, and sometimes lead to loss of control and crashes.



QUESTION 8

Under-inflated tires are one of the leading cause of tire failure.



TRUE.

Underinflated tires and overloaded vehicles
are the leading causes of tire failure.

Underinflated tires can also result in tire stress due to overheating, irregular wear of tread, tire failure, and sometimes loss of driver control and crashes.



QUESTION 9

Under-inflated tires lead to higher greenhouse gas emissions and release of air pollutants.



TRUE.

Vehicles with properly inflated tires consume less fuel, have longer tire life, and emit less carbon dioxide than vehicles with under inflated tires.



QUESTION 10

You can save \$0.08 a gallon or more with the correct tire pressure.



TRUE.

When tires are properly inflated, you can save on the amount of money you spend on gas over the life of your car...and help your tires last longer.

How did you do?

- 10 right—Race Car Savvy!
- More than 5—Minivan Savvy
- Less than 5—Get a scooter!

