



## Tire Pressure Awareness Campaign

### What's the Issue?

Majority of cars on U.S. roads are operating on tires that are underinflated by 20% \*



Driving on underinflated tires can contribute as much as 1.5 tons of CO<sub>2</sub> annually, per vehicle!



Driving an average 12,000 miles/year on underinflated tires uses 144 EXTRA gallons of Gas!

*That's \$300 - \$500 per year!*



Each gallon of gas burned produces 20 pounds of CO<sub>2</sub>



Proper tire inflation can improve mileage by up to 3.3%

*Simple actions matter.*



# Snohomish County

WASHINGTON STATE UNIVERSITY  
EXTENSION

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### What can you do?

1. Check your tire pressure monthly with a tire pressure gauge and maintain proper tire inflation.

**PSSST — Check 'em once a month.**



2. Use a gauge. You can't tell the correct tire pressure by just looking.



Tire at 32 psi  
(100% recommended)



Tire at 16 psi  
(50% recommended)



The correct PSI or pressure for your tires is listed on your *vehicle's tire information label* or *in your owner's manual*, not what's on the side of the tire.

**PSSST — What's your PSI?**

<b>TIRE INFORMATION</b>		VEHICLE CAPACITY WEIGHT	850lbs
SEATING CAPACITY	TOTAL 5	FRONT 2	REAR 3
RECOMMENDED TIRE SIZE	COLD TIRE INFLATION PRESSURE	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION	
P185/70R14 87S	FRONT 210kPa, 30psi	REAR 210kPa, 30psi	
COMPACT SPARE TIRE	UP TO VEHICLE CAPACITY		
T115/70D14 88M	420kPa, 60psi	80	



**Proper tire inflation – “Everything is riding on it.”**



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### How to check your tire pressure

1. Know your correct tire pressure from vehicle tire label or manual (not from the tire).

**PSSST — What's your PSI?**

2. Check all tires including spare when cold (driven less than 3 miles) and determine the difference in PSI needed to adjust to proper tire pressure.

Example:

Recommended pressure = 34 psi

Measured pressure = 28 psi

Amount of air to add = 6 psi

3. If you've driven more than 3 miles – simply add 3 psi above the recommended tire pressure.

**PSSST — Don't forget the spare!**

4. A money-saving hint: When you have to pay for air, be sure to take all the caps off the stems first, then put your quarters in the machine. This way you won't run out of time and need to pay more.



### Proper tire inflation – “Everything is riding on it.”

1. Improve vehicle handling and safety
2. Save money by improving mileage and life of tire
3. Significantly reduce emissions (~1.5 tons of CO<sub>2</sub>/vehicle)