

A monthly publication filled with industry news, maintenance and safety tips, upcoming events, special coupons, and more!



## Where There's Smoke...

Your tailpipe is an emissions outlet for your vehicle. Most of the small emissions are harmless, but there are other types that can be signs of trouble from your car. Any smoke coming from your tailpipe should be a cause for concern. Here are a couple of factors to consider.

### First - How long does the smoke last?

On cold mornings, cars will generate a white vapor. This will ordinarily go away once the engine is warm. If white smoke continues after the engine is warm something may be wrong.

### Second - What color is the smoke?



Smoke color will also offer more clues as to what may be wrong with your car and give you an idea of what kind of

repairs may be necessary to fix it.

**White Smoke:** There may be problems with the engine block, and coolant may be leaking in to the engine. This can be the result of a serious and costly issue like a blown head gasket, a damaged cylinder head, or a cracked engine block. Take care of this right away.

**Blue Smoke:** There may be trouble with the oil. Whether it is light or dark, a blue shade suggests that oil is burning. Oil could be leaking into combustion chambers and that would mean definite problems with the engine. A turbocharged car can also emit blue smoke when the blower needs to be replaced. In addition to environmental harm, burning oil can ruin spark plugs and cause rough starts.



Happy   
*Mother's*  
Day

**Don't forget - Sunday, May 13th**  
*Do something special for mom!*

# Car Care "Tip of the Month"



Tire pressure changes with the rising temperatures – increasing approximately one to two PSI (pounds per square inch) for every 10-degree increase in outside air temperature. Check

your tire pressure more frequently as outside temperatures continue to rise over the next few months.



**Gray Smoke:** In addition to the same concerns for blue smoke, gray smoke can also indicate automatic transmission fluid leaking into your engine and burning off. Culprits can include a faulty transmission vacuum modulator or a stuck PCV valve.

**Black Smoke:** Usually means your engine is burning too much fuel. This can be linked to your air filter, intake sensors, fuel injectors, fuel pressure regulators, or even a clogged fuel return line. Black smoke issues are usually the easiest to diagnose and repair.



In summary, any smoke coming from your car's exhaust pipe is a sign that there may be an issue with your car. Pay attention to these signs and remember, the sooner you address the issues, the better chance you will have to minimize the damage and cost of any repairs.



## Did You Know?

The "Boss" reference in the Boss 302 and 429 Mustangs pays homage to Bunkie Knudsen, former head of Pontiac.

Even though Chrysler began making engines with hemi heads in the 1950s, the "Hemi" name did not become official until 1964.

The first Grand Prix race was won in 1901 with an average speed of 46mph.

Due to oil shortages in 1974, a National speed limit of 55mph was enacted.



## How Did We Do?

*If you have had a recent experience at Graeves Auto & Tire, please take a moment and complete a quick online customer survey. We are always looking to improve our services and appreciate your feedback!*

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or copy and paste this address in your web browser:  
<https://www.surveymonkey.com/r/graeves1?sm=dOpOcJfy4Yvvc8K8vETajtTWeuXvFVT3IYKpO3Nldol%3d>

*See Page 3 for this month's special coupon!*



**Graeves Auto & Tire is a AAA approved auto repair center.**

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**MAY**

# Beat the Heat A/C Special!

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(This coupon may not be used in conjunction with any other promotions or coupons.)

Coupon expires: May 31, 2018

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