

GRAEVES
AUTO & TIRE
 Family owned and operated
 serving Montgomery County
 since 1952...

the Shop Rag

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



Things You Might Want to Know...

Octane Ratings for Fuel

Can you use a lower rated octane gasoline? While a single fill up will not permanently damage your engine, you should not make a habit of this. There is a reason for the manufacturer's suggested minimum octane rating. It is based on compression ratios and ignition timing and can affect the performance of your engine including gas mileage. On the flip side, if your car's manufacturer doesn't recommend a higher octane, you will not get any additional benefit from the higher priced gas.



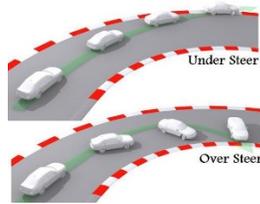
See page 3 for this month's special deal!

Blinker Rate

Why does my turn signal seem to be blinking faster than usual? This is usually a sign that one of your turn signal bulbs has burned out.

Turbocharged vs. Supercharged

While both devices "charge" air or compress air into the engine cylinders, they just accomplish this differently. The compressed air along with more fuel creates more power. A supercharger is connected to the engine directly, usually via belt, which means it works at the pace of the engine and offers an instant response. A turbocharged engine relies on exhaust gas forcing a compressor turbine to spin. This usually creates a response lag.



Oversteer vs. Understeer

When you oversteer, the rear wheels slip while cornering. When you understeer, the front wheels slip while cornering.



Graeves Auto & Tire
 is a AAA approved auto repair center.
 For more information, please visit:
www.graevesauto.com



In the Community...



Spring is finally here, and kids will be spending more time outdoors. Please drive with care and watch for kids playing near roadways everywhere!



Car Safety Tip of the Month!

Winter is over, so here is a short list of safety tips for driving in the Spring...

Look for Leftover Sand and Salt

Once the snow is gone, sand and salt often remain, making traction difficult. Take care at intersections and give yourself a little extra braking time.



Careful in the Rain

Spring showers can create tricky driving conditions. Safe driving in a rainstorm means turning your headlights on, driving slowly and giving other vehicles more space.

Avoid Flooded Roads

When approaching a flooded road, turn around and find a safe route. Standing water can have strong undercurrents.

Look for Potholes

Combine salt, sand, snow plows and alternating cold and warm weather and you've got the perfect conditions for creating new potholes.



Look for Pedestrians and Bikers

Everyone is ready to enjoy the warmer weather. This means increased motorcycles, bicycles and foot traffic on roads and shoulders.



Animal Crossing

Warmer weather also means the many animals will be coming out of hibernation.

Did You Know?

DVDs are physically the same size as a CDs, but can store 13 times more data.

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Honey is the only natural food which never spoils.

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If you filled a matchbox with gold it could be flattened into a sheet the size of a tennis court.

**April
Showers**



**It's
Raining Discounts
at Graeves Auto & Tire!**

**It's time for Tune-Ups
and Oil Changes!**

**Let us check you rcar over and get you ready
for your Spring and Summer trips.**

**Good for the month
of April only!**



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COUPON

Print and bring this coupon with you to
Graeves Auto & Tire at the time of purchase
and receive **10% off a tune up and/or oil change..**

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

Coupon expires: April 30, 2021

COUPON