



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!



Automotive Industry Meets Information Technology (IT)...

Many technology trends and industry initiatives from the IT world are making a crossover into the automotive industry. Some of you techies may be familiar with some of these terms...



Connectivity
Vehicles are now coming with a digital identity that makes them uniquely

different from other vehicles in the wireless network. This allows for easy tracking of your vehicle's data for specific applications such as insurance, driver safety, predictive maintenance, and fleet management. Not everyone is comfortable with this level of sharing or monitoring of data, but ultimately it will contribute to

See page 3 for this month's special deal!

overall industry improvements and increased safety for drivers everywhere.

Mobility as a Service (MaaS)

Much like bicycle or scooter sharing throughout many cities, we have begun seeing a new shared



vehicle service as an alternative to traditional car ownership and public transportation. This will reduce the overall need for cars in a specific area by increasing overall utilization of a smaller number of cars. Again, not everyone will be comfortable using this business model, but it will serve a growing number of people in the major cities.

Artificial Intelligence (AI) & Big Data Analytics

AI technologies, like machine learning found in robotics, are being applied in the automotive industry. This is used to guide self-driving cars, manage business fleets, and generally improve




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safety and services. Many insurance companies are also incorporating this technology to offer discounts to annual insurance premiums. AI has also been successfully used in automotive manufacturing to accelerate production and reduce costs.

Big data analytics are being used to manage and maximize the lifecycle of a vehicle. Vehicle



data allows for predictive maintenance, better fleet awareness and management, and can alert authorities after accidents. With good relevant data, the applications are endless and can influence sales, supply chain, and future features and designs.

Most Cars per Capita...

By Country or Region (cars per 1000 people)

1. San Marino (1,263)
2. Monaco (899)
3. United States (842)
4. New Zealand (837)
5. Iceland (824)

By State

1. Wyoming (1,140)
2. Montana (1,120)
3. North Dakota (1,080)
4. Iowa (1,050)
5. Alabama (1,030)

Each of these states is largely rural, and many households are involved in agriculture. It is more likely that these households possess a light truck for farm use in addition to a car for daily use.



Car Safety Tip of the Month!

Summer Car Care Check list!

Before hitting the road this summer, you can take

several simple precautions to keep your car operating properly and your family safe. Extreme heat and long drives can be tough on cars - leading to cracked hoses, leaky radiators, dirty filters, and worn tires with the wrong tire pressure. Make sure you check all your car's fluids and component wear to ensure a safe and breakdown-free summer!

Did You Know?

The Internet was originally called ARPANet (Advanced Research Projects Agency Network) designed by the US Department of Defense.

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The average mature oak tree sheds over 700,000 leaves in Autumn.

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Most of the Vitamin-C found in fruits is in the skin.

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The human body has over 600 muscles (40% of the body's weight).

JUNE

How Fast Can You STOP?



**Free Brake
Inspection &
10% Off Brake
Service!**
at Graeves Auto & Tire!



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COUPON

Print and bring this coupon with you to **Graeves Auto & Tire** at the time of service and receive a free brake inspection and **10% off any required brake service** (labor only).

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

Coupon expires: June 30, 2021

COUPON