Tech Center News

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APRIL 15, 2019

After several years of being off

the market, Ford brought back

the Ranger, and the new version

is a winner, say the editors and

judges at the Autotrader Web

The 2019 Ranger made the

site's 12 best new vehicles of

2019 list, which was released to

Autotrader executive editor

It was important that the chosen vehicles bring something fresh and innovative when compared to their competition, said Moody. And each vehicle selected must have some combination of impressive technology, good driving dynamics, strong value and close attention to detail. Judges included Moody, content specialist Tommy Flanagan, manager of content strategy Ben Cheney and senior data special-

Brian Moody said the criteria for picking the 12 best new vehicles included any vehicles that are either all-new or completely re-

the public on April 11.

designed for 2019.

ist Dwight Cunningham.

Moody said the judges noted

CONTINUED ON PAGE 2

site.

Detroit Pickup Trucks Take Autotrader Honors Sierra 1500's Luxuries Ram 1500's Ride, Handling Ford Ranger Worth Wait **Prove to be Winner** Make Best Trucks List

When picking its list of the 12 new car available and we've narbest new cars for 2019, the rowed them all down to the 12 judges and editors at Autotrader really liked what they saw in the 2019 GMC Sierra.

The Autotrader Web page listing the 12 best vehicles stated that there are a few new cars for 2019 that really stand out as something special.

"Our staff has spent the last year driving just about every

best new cars of 2019," said Autotrader executive editor Brian Moody. "Every car on this list is completely redesigned or an all-new model for this year. They all bring something fresh and innovative compared to their competitors and all have

CONTINUED ON PAGE 2

Pickup trucks are the largest sellers for Detroit automakers, but finding the best one to suit one's needs can be difficult.

But if you ask the people at Autotrader about the best new truck, they will give you a defi-

nite answer. Autotrader editors named the 2019 Ram 1500 to receive one of the 12 best new cars for 2019 Award.

"Simply put, the 2019 Ram 1500 is on our list of Best New Cars this year because it's the best full-size truck you can get," said Brian Moody, executive editor for Autotrader. "The ride and handling are the best we've ever experienced in a full-size truck, the cab is comfortable and full of useful tech, and yet, the Ram still

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2019 GMC Sierra 1500



Ram 1500

Major Leadership Shake-Up at Ford

Key leadership changes have been made at Ford Motor Company.

The Dearborn automaker announced last week that Joe Hinrichs will become president, Automotive, May 1, and, on that date, Jim Farley will become president, New Businesses, Technology and Strategy.

In announcing the moves, Ford CEO Jim Hackett said the personnel shifts accelerate the progress "on the global redesign of its business, product resurgence and vision to become the world's most trusted company designing smart vehicles for a smart world.

"In the past two years," he said, "we have made tangible

of our business, overhauled our regional strategies, created a winning product portfolio, and are working to transform Ford to succeed in an era of profound change and disruption.

"With this strong foundation in place for our auto and mobility businesses, we can now accelerate our transformation.'

As part of its plan, Hinrichs will lead Ford's drive to strengthen its Automotive operations and help deliver a sustainable global EBIT margin of at least 8 percent.

Hinrichs will have responsibility for Ford's global business units - North America, South America, Europe, China, and the

progress in improving the fitness International Markets Group. He will also oversee both the Ford and Lincoln brands.

> In addition, he will lead all of Ford's automotive skill teams, including Product Development. Purchasing, Enterprise Product Line Management, Manufacturing & Labor Affairs, Marketing, Sales & Service, Quality & New Model Launch, Sustainability, Environmental & Safety Engineering, Information Technology, Customer Experience, and Government Affairs.

> Farley will spearhead Ford's strategic transformation into a higher growth, higher margin business by leveraging smart, connected vehicles and break-



Joseph Hinrichs

through customer experiences. In this role, Farley will oversee Corporate Strategy, Global Data Insights & Analytics, Global Partnerships, Research & Advanced



James Farley

Engineering, as well as Ford Smart Mobility and Ford Autonomous Vehicles.

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Conway shows off the Jaguar that now uses AAM's I-PACE EV powertrain system at SAE's WCX in Detroit.

EV System Powers Future

becoming more common, and the 2019 Society of Automotive Engineers (SAE) World Congress (WCX) and AAM decided it was the perfect place to show off its new I-PACE powertrain.

Sean P. Conway, director of Product Marketing & Engineering at AAM, said the company got its start 25 years ago building axles for GM vehicles. But with the era of the EV coming, the company has changed to keep up with the times

"AAM just had its 25th anniversary," Conway said. "It came from GM and built axles for trucks. But for the company to grow, it had to diversify its customer base and its product line beyond GM.

So about 10 years ago, AAM

Electric-powered vehicles are decided to start developing EV technology."

Its first efforts were the result of a Saab/GM joint venture, but because of the recession and automotive downturn, the two companies declared bankruptcy. AAM ended up taking control of the joint venture.

The result is the company's I-PACE powertrain, Conway said. The first iteration made its appearance about five years ago. Since then, AAM has created several different versions of the I-PACE powertrain.

Developing the I-PACE wasn't easy, Conway said. Traditional cars have Internal Combustion Engines (ICE), transmissions and driveshafts.

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Luxury Features Pay Off for GMC's Sierra 1500 Pickup

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some combination of impressive tech, surprisingly good driving dynamics, strong value or just getting the details exactly right." Moody went on to state that

the 12 best new vehicles of 2019 were carefully evaluated by his editorial staff, which includes associate editor Rob Nestora, content specialist Tommy Flanagan, manager of content strategy Ben Cheney and senior data specialist Dwight Cunningham.

They unanimously agreed that tures.

all 12 of these cars, trucks and SUVs belong on this list and are worth buying because of the way they shake up their respective segments - all in their own unique way, Moody said.

The Autotrader judges stated that they liked the 2019 GMC Sierra 1500 because they found it to be especially compelling.

They wrote that this new generation of the Sierra isn't just a different looking Silverado.

It has a much different look but also includes a few exclusive fea-

The most notable feature, they said, is the trick MultiPro tailgate, which they found to be more than just a gimmick.'

Moody said the new multifunction tailgate "adds several new levels of usefulness and 'wow' to something we've taken for granted for 100 years."

Cunningham said that this tailgate, along with the running boards, are features that "are great for the small business owner to the weekend DIY warriors.'

Even Nestora, who is self-pro-

claimed as not being a truck guy, was impressed, saying that "the Sierra feels way too nice to be as capable as it is."

GM spokesman Fred Ligouri said that it is an honor to make the Autotrader list.

"This is great recognition," Ligouri said. "We are very pleased to receive this award. And it's also great to know that our customers will continue to benefit from a broad range of GMC products. It's great to see this vehicle get such recognition.

Library Honoring Armstrong's Moonwalk

Certain historical events deserve commoration, said Warren librarian Andrea Mucha.

Which is why the Busch branch of the Warren Library is hosting a special talk on the history of the United States' efforts to put a man on the moon on Wednesday, May 22, starting at 6 p.m.

The talk is going be given by astronomer and physics professor Jesse Mason, Mucha said. It will be a thorough exploration of the American space program, which culminated in Neil Armstrong making "a giant leap for mankind" on July 20, 1969.

"Join us to learn about the historic event," Mucha said. All ages are welcome, but children must be accompanied by an adult.

This program will be held in the Busch Branch Library at 23333 Rvan Road. Registration is required; space is limited. For more information or to register, call 586-353-0580.

Return of 2019 Ford Ranger Declared Worth the Wait

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that after a "long hiatus that enraged Ford truck fanboys and confused everyone else, the Ford Ranger has finally returned to the U.S. as a 2019 model and we're happy to have it back."

Ford spokeswoman Samantha Van Hoef said that the people at Ford were thrilled to learn that the 2019 Ranger made the Autotrader list.

Ford originally made the Ranger between model years 1983 and 2011. The final Ranger rolled off the company's Twin Cities Assembly Plant in 2012.

Derrick Kuzak, Ford's vice president of Product Development, told Autoblog in 2011 that Ford research showed that the majority of Ranger buyers didn't buy the vehicle because it was a pickup, but rather because it was the least expensive, most economical Ford available. That influenced the decision to discontue the model.

"Ranger fans have been looking forward to this truck returning to the marketplace for some time," Van Hoef said. "And we at Ford are

is tough and capable. It's something that our mid-size truck customers have been wanting."

segment has been heating up over the last few years with attractive offerings like the Chevrolet Colorado and the Toyota Tacoma with Ford mysteriously absent until now.

Judges also said the Ranger isn't meant to be the toughest or most capable pickup on the road or even at the Ford dealership. It's just for anyone who wants a truck but doesn't need all of the capability of an F-150, they said.

'The Ranger hits that sweet spot just right," Moody said. "Ford has resurrected the Ranger is a competent and agile little Ford F-150. As the right combina- perfect for the needs of most tion of work-ready and everyday-

proud to deliver to them a truck that brother to the well-established useful, the 2019 Ford Ranger is Americans.



2019 Ford Ranger

FCA Ram 1500 Earns 'Best Trucks' List

CONTINUED FROM PAGE 1

does all the tough truck stuff everyone expects.

"We also like Ram's eTorque system that adds usable torque at low speed and functions like a mild hybrid.

Sales numbers don't lie, the Ram is on the way up and this 2019 version is the best it's ever been.'

The Autotrader Best New Cars Award is intended to benefit a broad set of shoppers, Moody said.

Logging thousands of miles, the Autotrader editorial experts choose the winners of the Best New Cars based annual

on a wide-ranging set of criteria, including interior comfort and materials, build quality, available features and ride quality.

And, each vehicle that receives an award has to be agreed upon unanimously by the entire editorial and data team.

"It's one thing for us folks at Ram to say we have the best truck on the market," said Ram spokesman Nick Cappa. "But when a reputable third-party entity like Autotrader confirms what you've been saying, it's quite satisfying."

Autotrader is a well-known Online provider of auto information,

Price Excludes Beverages



Cappa said. Its customers rely on the company to give them a detailed analysis of new vehicles when they enter the marketplace.

"Autotrader is beholden to no manufacturer," Cappa said. "So their judgments have a great impact.

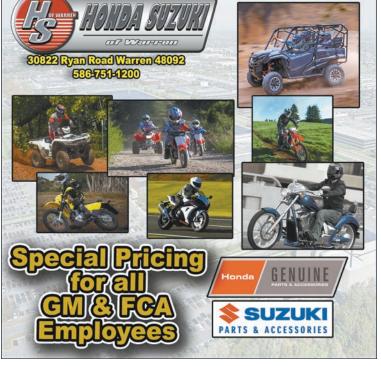
"And that's very important in the half-ton truck segment because, without a doubt, that niche is a cage fight.

"Automakers put a lot of time and money developing these trucks, making for a very competitive segment. So when third-party outlets give out awards based on their own tests, it's an indication that all the work we put into the Ram 1500 is paying off."

These kinds of judgments from organizations such as Autotrader really do OEMs help sell trucks to a public that increasingly prefers pickups as their everyday use motor vehicle, Cappa said.

And when a Ram 1500 owner's neighbor sees a Ram in your driveway, he said, that neighbor takes that as an endorsement of the quality of the truck.

"That kind of support from



name for 2019 and this version is not stuck in the '90s. This Ranger

Judges said the midsize pickup



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Autotrader and Ram owners can't be bought and says something about the truck's quality," said Cappa.

"The 2019 Ram 1500," said Reid Bigland, head of Ram Brand, "is the benchmark for durability, technology, luxury and efficiency.

"This award from Autotrader reflects our team's undivided focus on truck buyers and the features that matter the most to them."



Tech Center News.

APRIL 15, 2019

COVERS THE TECH CENTER AND THE IMMEDIATE AREA

GM Readies for 2019 'Take Your Kid to Work Day'

One of the cool things about working at the GM Tech Center in Warren is that you can sometimes show off what you do to your children.

The Tech Center will be celebrating national "Take Your Kid to Work Day" on Thursday, April 25.

"We have been doing this for eight years now," said Katie Murphy, an Engineering Group manager at the Tech Center. "We start work on the project starting in January. This year, we will be holding an autonomous Innovation workshop geared toward high school students. They will be given a problem to be solved using autonomous technology and have mentors on site to advise them."

One of the things Murphy likes about the event is that they are able to take advantage of all the Tech Center's resources.

"We will be holding events across the Tech Center campus," Murphy said. "So kids will be able to go to different buildings and see different displays. The event is designed for kids from ages seven to high school. That means there will be different activities aimed at children of different ages."

Last year, kids of all ages (plus adults) got to make instant ice cream thanks to a man known as Dr. Nitro, Murphy said.

He's a science-based entertainer who uses liquid nitrogen to instantly chill pre-frozen ice

cream that the kids mix together. "He was very popular with everyone," Murphy said. "Who doesn't like ice cream?"

In another event being put on by the Body Group, participants will be able to mix together ingredients supplied by the department to create their own unique "super" ball.

"That's a lot of fun," Murphy said. "We will also be holding a 'stiffening' workshop. That's where kids are shown how paper can be folded in such a way as to increase its strength greatly."

Kids will also have the opportunity to see how Computer Assisted Design (CAD) works, Murphy said.

GM combines this event with Earth Day, Murphy said. So a group from Flint will come down and bring with them birds of prey that have been rescued and will be returned to the wild after they recuperate.

"Every year we also like to have a cool vehicle in the VEC lobby," Murphy said. "Last year it was the Trans Am from 'Smokey and the Bandit.' There was a cardboard cut-out of Burt Reynolds next to the car. Unfortunately, not many kids knew who he was or about the 'Smokey' movies. Even some of the parents didn't know who he was. This year, we will have a tricked-out camping vehicle."

All in all, they expect about 4,500 students to visit the Tech



Murphy showing off art created at last year's Kids' Day event.

Center during the event, Murphy said. Nearly 80 different events will be spread around the Tech Center Campus. It takes 30 people, starting in January, to plan it, said Murphy, and it takes many volunteers to actually make everything run on event day.

"This is a very cool thing we do," Murphy said. "Kids get excit-

ed for the chance to see what their parents do, and parents get to show off. I get notes from employees starting in February asking me when the event will take place and when they can start signing up the kids. I have also heard from kids saying that after seeing what we've put on display that they want to be engineers themselves. That's very satisfying."

AAM's EV Tech Is Driving Company Future

EVs have none of those things. Instead, the I-PACE powertrains are in the axles along with gear reduction devices.

"These are the things that make up the electric drive powertrains," Conway said. "I-PACE vehicles have two electric drivelines, one in the front and one in the back. We get them coordinated and now EVs can come in allwheel drive."

AAM is the primary provider of EV technology to Jaguar. The systems are built in the company's facility in Poland.

"The biggest challenge to developing this technology was volume," Conway said. "Both volume in terms of economies of scale and actual product size. It takes a lot of research money to develop this tech and we want to sell as many as we can to recoup costs. And we have to make the tech small enough to allow for space. Even with EVs, you want to optimize passenger space."

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Ford's Shake-up Moves Executives to New Jobs

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Both Farley and Hinrichs will continue to report to Hackett.

"Joe Hinrichs possesses the knowledge, experience and leadership to now take our Automotive business to world-class levels of product excellence, customer satisfaction, efficiency and financial performance," Hackett said.

"As we enter a busy period for new product launches and further restructuring in underperforming markets, Joe's leadership in transforming businesses through focused execution will be key.

"Jim Farley's job is to drive us into the future, both strategically and operationally, from AVs to mobility experiences to leveraging AI and big data. Jim combines an innate feel for what customers want and need in vehicles and the ability to translate this into the vehicles and services of the future.

"I'm excited that Jim and Joe will be working together with the Ford team around the world to advance our vision to design increasingly intelligent vehicles and connect them to the world around us to make life better for our customers and communities."

In addition to Hinrichs' appointment, John Lawler, also will take on an expanded role as vice president of Strategy, reporting to Farley. Lawler will lead Corporate Strategy, Business Development and Global Data Insights and Analytics.

After 36 years with Ford, Marcy Klevorn, president of Ford Mobility, has announced plans to retire Oct. 1. Until then, Klevorn will report to Hackett and work



Marcy Klevorn

with Ford's senior leadership team on key transformational opportunities for the company, Hampton said.

In this role, Klevorn will help refine the company's corporate governance systems, facilitate faster adoption of agile teams across the business and ensure process improvements across all of Ford's different business enterprises.

She will also continue to facilitate strategic partnerships with key technology partners as well as continue to champion Ford's Professional Women's Network and support the company's diversity efforts.

"I have asked Marcy to work with me and the senior team to accelerate our transformation," Hackett said.

"Marcy's decades of experience working with many of the leading companies in the tech space as well as the work she has done with the transformation of Ford IT and the establishment of Ford Mobility gives her unique knowledge to drive these initiatives."



by Jim Stickford

FCA brought the new 2020 Jeep Gladiator to the Society of Automotive Engineers (SAE) World Congress (WCX) April 9-11 because, said its chief engineer, "it represents a vehicle that engineers can really appreciate."

Peter Milosavlevski, chief engineer on the Gladiator, said the challenge of the Gladiator was creating a truck that was flexible enough to do what pickups do, while still being a vehicle that people would want to take offroad.

"It was a dream that came true for me to be able to say I am the chief engineer of the Gladiator," Milosavlevski said. "Creating a truck that is flexible but still has the fun factor that is able to satisfy customer demands is a great feeling."

Coming up with new ideas that have caught customers by surprise, he said, was a test of engineering and design skills.

"All vehicles now come with rear cameras," Milosavlevski said. "But the Gladiator has a front camera that allows drivers to see over the hood and look at what's in front of the truck."

This is especially important, he said, because the Gladiator is an off-road truck and users often go over bumps at high speeds. That makes it difficult to see just what's up ahead.

"When you've just cleared a bump, it's not unusual for a driver to see blue sky when looking over the hood," Milosavlevski said. "But with a front camera mounted on the grille, the driver can look down at his view screen and see if there's anything ahead that he or she has to avoid.

"This camera even has a little device that can wash off the lens of the front camera. It contains windshield wiper fluid and is



Milosavlevski shows off the Jeep Gladiator's front camera system.

very useful when you go through muddy roads and fields. It's a unique feature for vehicles in the Gladiator's segment."

Part of creating the Gladiator was engineering a truck that can go off-road, while still providing the comfort options that people have come to expect, Milosavlevski said.

"So it does have features like heated seats and a heated steering wheel," he said. "There is a digital radio, but we also included analog, physical buttons and knobs that can be used to operate it. That's a feature that people still like in this tech age."

"This is still a pickup truck," he said. "We didn't want to go so far down the off-road path, as it were, that it could no longer satisfy the expectations that people would have for a pickup truck."

And it looks like Jeep has succeeded, Milosavlevski said. On April 4, FCA held an event where a special on-line version of the Gladiator could be reserved via the Internet.

"We sold 4,190 units that day," he said. "That seems to indicate to me that demand for the new Gladiator is robust. This is a truck that hasn't even hit the showroom floor yet, but people are eager to buy one. It will be arriving in dealerships in May."

Overall, it took about two-anda-half years to engineer, design and build the Gladiator, Milosavlevski said.

And part of that engineering and design process was to create a truck that was all about having "an open air" experience.

"We can take the roof and doors off the truck," Milosavlevski said. "I've driven it like that, and let me tell you, it's an incredible feeling. I've been driving the Gladiator around Detroit for the past few weeks and people have stopped to talk to me, ask me questions. What I tell them is that taking the top and doors off adds a whole new dimension to the driving experience. This is a lifestyle truck, but it can still do truck things."

Engineers made it possible for the tailgate to be placed so that it rests partially down, Milosavlevski said. This allows for larger items like, say, a mattress to be placed in the truck bed.

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AV Racing Technology Sets Pace for Next-Gen Autos

by Jim Stickford

It's actually not that much of a leap for AI technology invented for the racetrack to make its way to the vehicle used by regular people in everyday life.

Bryn Balcombe, chief strategy officer for the British-based Roborace company, spoke about how racing technology helps everyday drivers at the recent Society of Automotive Engineers Congress World (SAE WCX) event held at Cobo Hall in downtown Detroit last week.

Balcombe pointed out that the first automobile races, dating back to 1894, were held on public streets. They were meant to be more of a proof of concept for the developing automotive technology, as opposed to being a form of entertainment.

The first racetracks were built because people were getting hurt by crashes on streets and people realized that vehicle testing would have to take place in a more contained and safe environment.

These tracks became a source of entertainment for the public, but the tradition of automotive racing technology working its way to everyday drivers has continued to this day, Balcombe said.

Now the question of AI racing technology is being raised. A car race can be considered technology-based entertainment. In the past, the technology was stronger engines or better braking systems.

But with AI becoming a reality, that technology is becoming software-based as opposed to a manufacturing issue.

It's the software of AI, not the hardware, that will make the technology work. And that's a change from the past.

"At Roborace, we build intelli-gent machines," Balcombe said. "We build robots that want to race.

This is important because today's race cars are so fast that the speed of the vehicles aren't save lives in the long run."

limited by technology, but rather by the drivers' physical limits.

"In 2001, there was a NASCAR race that was canceled because drivers taking the turns were pulling 5Gs of force," Balcombe said. "They started getting tunnel vision and that was a safety hazard.'

But imagine AI race cars that have no driver limiting how fast the cars can go, Balcombe said. Imagine AI race cars that get information on what's ahead on the race track instantly.

> "At Roborace, we build intelligent machines. We build robots that want to race."

- Bryn Balcombe **Roborace** Company

They don't have a driver looking for flags, and the vehicles will be notified right away if there is a crash around the corner, so the vehicle knows how to avoid the stopped cars involved in the accident.

These vehicles are traveling at speeds that exceed anything seen in normal civilian driving, Balcombe said.

But the systems that sense the environment and receive information from track infrastructure can be adapted to everyday driving.

"We like to talk about the four A's," Balcombe said. "That means assisted, augmented, adapted and automated. AI technology can save lives, but for that to happen, AI technology must be deployed on a global scale with global infrastructure.

"And this radical change is, in part, getting its start at the race track.

"It's entertainment that will

EU Slams German OEMs

Union authorities said April 5 that German automakers BMW, Daimler and Volkswagen colluded to limit the development of emissions-cleaning tech in cars.

The finding adds to the car industry's woes after Volkswagen in 2015 admitted to cheating on emissions tests in the U.S., which led to a worldwide reevaluation of how cars are tested and how to limit emissions to make air cleaner and fight climate change.

The EU antitrust regulator said that after an in-depth investigation, it found that BMW, Daimler and Volkswagen, including its Audi and Porsche units, broke EU laws from 2006 to 2014 by illegally agreeing among themselves to limit the roll-out of the technology. The tech helps eliminate nitrogen oxides, which can be harmful to human health, from both gas and diesel cars. The alleged actions could have limited Europeans' opportunities to buy less polluting cars, but would not have affected price, the EU said. It did not explain how the companies might have profited. The probe is separate from other legal procedures against carmakers for allegedly breaching environmental laws or using illegal software in car engines. EU authorities raided the offices of the three companies in October 2017 and opened their investigation on this case in September last year.

BRUSSELS (AP) – European and that the whole industry was aware of these talks. It said they didn't involve secret agreements or intend to hurt customers.

> Daimler said it was cooperating with the EU and does not expect to receive a fine. Volkswagen said it was also cooperating and would issue a statement once it has reviewed the EU investigation. The EU noted that its preliminary findings do not prejudge the final outcome of the investigation.

The case comes after Volkswagen admitted four years ago to using software in diesel car engines to cheat on U.S. emissions tests. It has set aside some 27.4 billion euros (\$32 billion) for fines, settlements, recalls and buybacks. VW's former CEO Martin Winterkorn was criminally charged by U.S. authorities but cannot be extradited; Audi's division head was jailed. Renewed scrutiny of diesel emissions revealed that cars from other automakers also showed higher diesel emissions in everyday driving than during testing, thanks in part to regulatory loopholes that let automakers turn down the emissions controls to avoid engine damage under certain conditions. The EU subsequently tightened its testing procedures. Anti-trust fines can be steep. In 2016 and 2017 the EU Commission imposed a fine of 3.8 billion euros after it found that six truck makers had colluded on pricing, the timing of introduction of emissions technologies.

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GM Tech Gives Stolen Cars Ability to Thwart Thieves

No one wants to have their car stolen, but GM has a system available that can actually help protect consumers from that happenstance.

Thanks to this new technology, motor vehicles are no longer just passive victims of car theft.

And that matters because with vehicle theft recently hitting an eight-year high, according to FBI statistics, OnStar's Stolen Vehicle Assistance can provide members with peace of mind if their vehicle is stolen, said GM spokeswoman De'Andra Roberts.

"U.S. statistics show a vehicle is stolen every 41 seconds in the United States, and 42 percent of those stolen vehicles are never recovered," said Gerard Connell, director of Sales and Marketing, OnStar.

"The need for safety and security is timeless. OnStar can help members recover their vehicle quickly and safely if stolen."

Using the suite of Stolen Vehicle Assistance services, OnStar can help assist members with properly equipped vehicles and the public safety community with the quick and safe recovery of stolen vehicles.

OnStar also works closely with the public safety community to educate law enforcement on how the service works and best practices, Roberts said.

OnStar Stolen Vehicle Assistance includes:

• Stolen Vehicle Slowdown: After a member has filed a police report and once authorities have confirmed conditions are appropriate, an OnStar Advisor can send a signal to disable the stolen vehicle's engine and gradually slow the vehicle to an idle speed to assist police in recovering the vehicle. This helps avoid dangerous situations by securing the vehicle more quickly, helping to keep communities safer.

 Remote Ignition Block: After a member has filed a police report, OnStar can send a remote signal that blocks the vehicle's engine from being restarted once it's turned off.

• Theft Alarm Notification: If a member's vehicle alarm sounds after the doors are locked (must be locked electronically), members can receive a notification by text, email and/or phone call.

• Stolen Vehicle Assistance is part of the OnStar Safety & Security plan and OnStar is available on Chevrolet, Buick, GMC and Cadillac vehicles.

Carty Joins Car and Driver As Top Editor

Hearst Magazines' Car and Driver has a new boss.

Sharon Silke Carty has been made editor-in-chielf of Car and Driver magazine. She will be in charge of overseeing the brand's print and digital operations.

Prior to her new appointment, Carty was a senior editor at Automotive News. Before joining that publication, Carty was editor-inchief of Yahoo Autos.

"Sharon's experience in this ever-changing automotive world is unparalleled," said Heart Autos CEO Matt Sanchez.

"Under her leadership, Car and Driver will continue its mission of being fully focused on the consumer and evolving into the ultimate car-shopping destination."





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