Tech Center News

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DiGiovanni and Plummer at UDM session for GM Student Corps.

GM Retirees Give Expertise To Student Corps Members

by Jim Stickford

There is only so much golf a retiree can play. Which is why when GM Executive Vice President of Global Product Development, Purchasing and Supply Chain Mark Reuss asked retired GM economic analyst Mike Di-Giovanni to help start up a new project - the GM Student Corps -DiGiovanni said yes.

"I retired from the company back in 2010," DiGiovanni said. "Because I was an economic analyst, I was still consulting with

the company during the restructuring. Well, Mark Reuss came to me and asked me if I wanted to get involved with what would become the GM Student Corps. I had joined the GM golf league, but had my fill and so I said yes.'

That was six years ago, DiGiovanni said. The idea Reuss had was to do more than just write checks, it was to create a program that would actually get GM people involved in high school students' lives.

CONTINUED ON PAGE 3

Camaro Proves a Hit With 2018 All-Star MVP The 2018 Ted Williams Most

Valuable Player, Alex Bregman, chose the new Chevrolet Camaro SS Coupe during the most recent All-Star Game MVP award ceremony presented by Chevrolet at Nationals Park in Washington.

Chevrolet gave the Houston Astros player his choice between a Camaro Coupe and a Colorado ZR2, said GM spokeswoman Afaf Farah.

This is Bregman's first All-Star Game appearance and, in extra innings, he hit the game-winning home run that gave the American League the victory.

"Bregman set a great example for baseball fans and especially our kids by hustling hard for the entire game and demonstrating exceptional teamwork - essential qualities to win on the field, in the classroom and in life - and that is why Chevrolet is proud to present the MVP award," said Brian Sweeney, U.S. vice president of Chevrolet.

Entering the All-Star Game, third baseman Bregman had been hitting .288 with 20 home runs and 64 RBI.

Chevrolet has been the Official Vehicle of Major League Baseball since 2005 and an Official Partner of PLAY BALL, MLB's collective effort to encourage young people to participate in baseball- and

2018 All-Star Game Most Valuable Player Alex Bregman with Camaro. CONTINUED ON PAGE 3



PSA Reentering North American Market – Very Carefully

by Jim Stickford

Sometimes being late to the party is not a bad thing, said Larry Dominique, president and CEO of PSA North American.

Dominique was speaking to the Automotive Press Association at a special luncheon at the Detroit Athletic Club sponsored by PSA on July 17.

His address concerned PSA's plans to reenter the North American automotive market. He noted that the company left the market more than 20 years ago.

But over the past five years the company, whose brands include Peugeot, Citroën, DS, Opel and Vauxhall, has been doing well.

"Our sales have increased 38.1 percent," Dominique said. "That does include the addition of Open and Vauxhall to our portfo-

lio.'

North American," Dominique said. "Now we have the opportunity to look at the North American market in new ways. This entering the market will outlive me. It will be a 40- or 50-year process.

Dominique said that because PSA has the chance to build its North American network from the ground up, it doesn't have decades of infrastructure to support. Domestic OEMs first built their dealer networks starting about 100 years ago. As a result, there are a lot of dealers and they often compete against each other for customers.

Foreign OEMs, both Asian and European, followed the domestic model and while they might have fewer dealerships, they built their network starting about 50 or 60 years ago.

And OEMs have placed a lot of requirements on how dealerships should look and what kind of facilities they should have, Dominique said. The result is that it's really expensive to operate a dealership and today's dealers make roughly half their profits from their service departments. According to the statistics Dominique has seen, that means that about half a dealership's profits come from 12 percent of a dealership's revenue.

Dominique showed the press a slide picture of a Lexus dealership near where he lives in come to Germany to speak with

Orange County, Calif. He said it's a very nice-looking dealership with a million-dollar fountain in front. Building the dealership itself took additional millions of dollars - which ultimately makes it more difficult for the dealer to make money.

"I know a Porsche dealer in Virginia," Dominique said. "He had a small Porsche dealership and while he didn't sell a high volume of Porsches, his overhead was low, so the dealership made money.'

Then the dealer was ordered by Porsche to upgrade his lot and build an expensive showroom, which drove down profits. The dealer then was asked to



Larry Dominique

the head of Porsche. The dealer was asked why dealership costs were so high?

"That's when he told the presi-

CONTINUED ON PAGE 2

Ford's Special Mustang Honors 100 Years of RAF

PSA is in the midst of rebuilding its operations in China, Dominique said.

But why would the company want to get into the North American market, given its difficulties? Dominique asked. It's an expensive market to be in, it's heavily regulated and there is a lot of competition between a host of different OEMs and brands.

The reasons are simple, Dominique said. Despite these real problems, North American, which he defines as the U.S. and Canada, is the second largest automotive market in the world. It produces big profits and OEMs that operate here don't have to share their profits with partners like they do in China, the world's biggest automotive market.

that PSA only has one shot to get it right when coming back to

Ford Performance, along with drifting champ Vaughn Gittin Jr., have teamed up to create a oneof-a-kind Eagle Squadron Mustang GT to commemorate the 100th anniversary of the Royal Air Force.

The special Mustang was created for this year's Experimental Aircraft Association's The Gathering fundraiser and auction on July 26 in Oshkosh, Wis.

This year's build is a modified 2018 RTR Mustang inspired by the Eagle Squadron, a group of U.S. volunteer pilots who flew combat missions alongside the Royal Air Force over Europe from British airfields near Goodwood (about 55 miles outside of London) prior to the United States entering World War II.

Gittin, accompanied by Royal "I am fully aware of the fact Air Force veteran Paul Miller, whose father "Dusty" served in Eagle Squadron in 1941 and 1942,

will pilot the supercharged beast up the legendary Goodwood Festival of Speed Hillclimb July 12, after which the car has been on display at the Ford

booth for the weekend's event.

"Supporting young pilots through the Experimental Aircraft Association's fundraising auction reflects Ford's aviation

history, tracing back to the company's early days and the arsenal of democracy during World War

CONTINUED ON PAGE 4



The "Eagle" Mustang and a Spitfire will honor the RAF this week at an air show in Wisconsin.

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Ford Agrees to **Recall Takata** Air Bag Cars

DETROIT (AP) - Ford has agreed to spend up to \$299 million to settle lawsuits filed by owners of about six million vehicles with potentially deadly Takata air bag inflators.

The agreement announced July 16 must get court approval. It covers owners who claim that their vehicles' value dropped because Ford used Takata equipment.

Under the new deal, owners are eligible for reimbursement of up to \$500 for documented expenses

They also can get rental cars while they wait for recall repairs. Ford also agreed to an outreach program to get the recall repairs done.

Court records show attorneys will get no more than 25 percent of the settlement.

Takata inflators can explode with too much force and spew shrapnel into drivers or passengers. At least 23 people have died worldwide due to the problem

Macomb Community College's Community Leadership Certificate Program (CLP) is preparing graduates to identify and address challenges in their community and make a positive change.

Created in conjunction with the Community Learning Partnership of Southeast Michigan, Macomb's program prepares students interested in making a positive impact in their communities through careers in fields such as community and economic development, community organizing, social services, city and county government, community health, policy advocacy, and arts and cultural organizations, said Sean Patrick, manager of Media Relations at MCC.

The CLP is an opportunity for students to develop a variety of leadership, organizational and conflict resolution skills through courses in sociology, psychology business and management. Patrick said. The program curricula has been shaped through focus group input from community partners and refined by community organization feedback.

The goal is to train graduates to make a positive impact in their communities through personal intervention. The CLP certificate can be pursued individually or in conjunction with any Macomb associate degree.

And one such student is Christina Young, 33 of New Baltimore, a single mom with two kids who completed the certificate program and is putting those skills to work at the Macomb Community Mental County Health Crisis Center, Patrick said.

"I feel like this is the role for me, to be a voice for those who don't have one for themselves," said Young "I wanted to be able to be out

in the community, to be a leader

and to be able to help others who can't help themselves.'

Incorporated in Macomb's CLP program is a 45-hour, three-credit practicum during which students put their education to work at community partner organizations such as Matrix Social Services, Michigan Legal Services and Muslim Family Services. Young completed her practicum at the HarborChase Memory Care facility.

"During the practicum, our students are required to keep a daily journal and meet regularly with an advisor to reflect on how what they have learned in the classroom can be applied in their host organization," said Rochelle Zaranek, professor, Arts and Sciences and CLP certificate coordinator. "This way, the students are learning not just through course work and guest speakers, but learning how they can be a change agent through actual hands-on experience.'

The first five Macomb students to receive their CLP certificate exceeded the 45-hour required practicum, and all are continuing on in their studies for a bachelor's degree.

During their practicum, some students took on specific projects, while others handled dayto-day activities. All gained a greater understanding of the population they were serving and the steps necessary to address issues the population faces.

Through her work experience, Young identified where her weaknesses were and used what she learned in the CLP to fill the gaps, Patrick said.

"I'm still looking at how I can best benefit the community, but promoting resources in suicide awareness and assisting the developmentally disabled population is definitely where I want to be," said Young.



MCC student Young is getting a certificate in community leadership.

Young is completing her associate degree in pre-social work at Macomb and has been accepted into Wayne State University's social work program. She is plan-

ning to complete her bachelor's degree coursework at the Macomb University Center on the college's Center Campus in Clinton Township.

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PSA's Plans for U.S. Market

CONTINUED FROM PAGE 1

dent he and his marketing department should really talk to each other," Dominique said.

Today, cars are sold to the public through franchise dealerships, Dominique said. That's a fact of life. But what if PSA didn't require its dealers to build lots that house 300 cars and have giant dealership showrooms? What if these PSA dealerships didn't have 10 or 12 service bays, so they wouldn't have to pay for down time when half the bays are not in use?

Because PSA is taking a longterm approach to the North American market, the company can build a sales infrastructure attuned to the 21st century.

"I am not putting down OEMs," Dominique said. "They are doing a very good job of optimizing their dealer networks in this current reality, but that is very expensive and not as profitable as we think it could be.

So PSA will have to do things differently, Dominique said. The company has spent considerable time and money examining the North American market. They have also avoided the mistake of trying to rebadge a vehicle designed for Europe and sell it here.

Instead the plan is to design vehicles specifically for the market and to set up dealerships in parts of the country that are most receptive to imports, Dominique said. And the dealerships will be right-sized, so they will be profitable with a relatively low number of vehicle sales.

When asked if PSA would build factories over here. Dominique said that once an OEM builds a factory that can produce 100,000 or 150,000 vehicles a year, the pressure to produce mass sales increases and pretty soon PSA would be getting away from its plan.

The company has no plans to introduce new vehicles into the North American market in the next couple of years, Dominique said.

Because the plan to enter the North American market is a longterm one, people probably won't see a PSA car here until the mid-2020s.

"I am serious when I say we only get one chance to get this right," Dominique said. "We realize we have to set up our infrastructure before we sell cars, and the cars we sell have to be designed with U.S. tastes, tariffs and regulations in mind. That takes time, and we intend to take our time.'







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COVERS THE TECH CENTER AND THE IMMEDIATE AREA

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The way the GM Student Program works is simple, DiGiovanni said. Ten students from each of the participating schools get paid internships from GM. And, they are paired with retired GM employees who act as mentors.

Interns from the University of Detroit Mercy also participate in the program, helping bridge the generation gap between the high school students and the retireees.

The students, in addition to being given work, are also able to attend sessions at UDM to learn about education opportunities.

One of those education sessions took place at the college on July 19. DiGiovanni and his fellow GM volunteers took students to different stations at the school to learn about STEM careers. One booth showed how liquid nitrogen can be used to make ice cream.

"Who says science has to be dull," DiGiovanni said. "Sometimes it can be used to make ice cream. Students need to know that.'

DiGiovanni credits Reuss for coming up with a program that can help young people across Detroit by using the knowledge of retired GM employees.

"Mark told me that GM had just written a \$28 million check to the Detroit Public School System," DiGiovanni said. "But he wanted to do more, so he proposed the GM Student Corps program, which would match students from specifically chosen schools in metro Detroit with retired GM employees.

"The retirees would mentor the students, who would also have paid GM internships in which they would do things like clean up a neighborhood or paint a school.'

In addition to getting some spending money, the students would have a job that made their resumes pop and they would also

Camaro Proves a Hit With 2018 All-Star MVP CONTINUED FROM PAGE 1

softball-related activities, since the program began in 2015, Farah said. Through its Chevrolet Youth Baseball program in partnership with its dealers,

have the chance to learn important life skills from their mentors that they might not otherwise learn, DiGiovanni said.

When DiGiovanni agreed to take charge of the program, he asked if could also hire college interns from UDM. When he retired from GM, he took a job teaching economics at the college.

"I went here for my college education." DiGiovanni said. "I went to the University of Detroit High School, and when I was in my freshman year, my father died. He worked in the wholesale fruits and vegetable business. He would get up at 4 a.m. and get home at 8 p.m. He taught me to work, work, work. But he died when he was 55.'

DiGiovanni said that the family couldn't afford to send him to U of D High School and when they explained to the staff why, he was given a full scholarship. And when he graduated high school, an arrangement was made with the University of Detroit College. Thanks to the concern given to him, he was able to get a job at GM and achieve a great deal with the company.

"Now it's my turn to give back to young people who could use a similar break and give back to the college," DiGiovanni said. "When I started the GM Student Corps, I said it was important to hire college interns. It gives them job experiences and they can act as a bridge between the retired mentors and the students. Things have changed since we were in high school and having young people around who can facilitate communication between the generations is a good idea.'

One thing DiGiovanni has learned over the years is the importance of a work-life balance. He said he succeeded at GM because he outworked the competition. He often stayed at work until midnight or 1 a.m. That's what his generation was taught.

But on the down side, people who worked liked that ended up having failed marriages and poor relationships with their children. Upon retirement, they had nothing major in their lives.

That's why he and his retired colleagues enjoy volunteering their time with the GM Student Corps. They can impart important values to students and encourage them to go to college, while helping them avoid the mistakes they made.

"More than 90 percent of these students at the participating



A GM intern sees ice cream being made with liquid nitrogen at UDM.

schools will go to college," DiGiovanni said. "Going off to college is scary for anyone. But for someone who might be the first person in their family to go to college, it's especially scary. That was the case with me. I have two brothers who are masons. I was the first to go to college in my family and I can share my experiences with others in a similar situation.'

One of the students who attended the sessions at UDM was Malasia Plummer. She will be starting her senior year at Osborn High School in Detroit. This summer is the first summer she was in the GM Student Corps.

"I like this program," Plummer said. "It's really nice having an internship that pays because I like money. Our work project is landscaping the land around Osborn High School and painting lockers. I also appreciated being able to come to UDM and learn about careers in science.

"But I really appreciate being able to talk with my mentor, Miss Deborah Easternhall. She worked for HR at GM and she helps me a lot and gives me great advice. Sometimes when I come to work in the morning and feel bad, I can talk to her about my problems. She gives great advice that comes straight from her heart."



Chevrolet has donated more than 150,000 equipment kits, raised more than \$36 million, offered more than 1,800 free skills clinics to the public and impacted more than 7 million boys and girls across the U.S.

"At Chevrolet, we appreciate the positive effect that playing sports has on our kids, and that is why it is so important for our brand and our dealers to support baseball at every level," said Sweeney.



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Macomb County Sheriff's Office Gets New Drones

PAGE 4

The Macomb County Sheriff's Office recently launched a new Unmanned Aerial Vehicle (UAV) Unit.

These vehicles, more commonly known as drones, are an additional resource to current investigative techniques and personnel, said Macomb Sheriff Anthony M. Wickersham.

The UAV unit can be activated when searching for a missing person, performing a rescue, encountering a barricaded gunman or hostage situation, and conducting traffic crash and crime scene investigations.

The Sheriff's Office currently owns four UAVs that are equipped with high-resolution cameras that can capture both aerial photos and video, Wickersham said.

One of the UAVs has a thermal imaging camera that is useful in a variety of situations, including searching for a missing person in a wooded area or water.

The cost for these four UAVs was \$26,053.

Operating in compliance with Federal Aviation Regulations' Part 107, all UAV pilots must receive training and pass the Federal Aviation Administration's (FAA) exam to receive a remote pilot certificate.

Ford to Honor the RAF's History With Special Mustang

CONTINUED FROM PAGE 1

II," said Darrell Behmer, Ford Mustang design chief. "The Eagle Squadron Mustang GT build with Vaughn and the Ford design team is a great way to honor our heroes and keep the spirit of aviation alive for the next generation of American pilots.'

2018 marks the 20th year Ford has supported the Experimental Aircraft Association AirVenture event and the 10th one-off Mustang it has provided for auction.

Notable Ford models inspired by other aviation legends include the 2011 Blue Angels and 2013 Thunderbirds editions, Ford spokesman Jiyan Cadiz said.

All auction proceeds will be donated to the Experimental Aircraft Association's youth education programs, which encourage and support the next generation of pilots. To date, Ford has worked with the organization to raise more than \$3 million.

Visually stunning and unmistakably aggressive, the Eagle Squadron Mustang GT - painted in a camouflaged design to match the original Eagle Squadron Spitfire aircraft - features Gittin's RTR Mustang carbon fiber wide-body kit, and includes front chin spoiler, upper grille with integrated lighting, and Gurney lip added to the Performance Pack rear spoiler. Front

turning vanes, dive planes, rocker splitters and lower grille diffusers are also fitted.

Under the hood, a Ford Performance supercharger kit first introduced at the 2017 SEMA show helps the Ford 5.0-liter V8 churn out 700 horsepower and 610 lb.-ft. of torque at 12 psi of boost on 93-octane fuel.

The engine is mated to a Tremec 6-speed manual transmission with Ford Performance short shifter, with power delivered to the road via an upgraded heavy-duty rear axle also supplied by Ford Performance.

An RTR Tactical Performance Suspension Package - with in-car adjustable MagneRide dampers, Performance lowering Ford springs and RTR adjustable sway bars - increases grip and lateral acceleration. Staggered RTR Aero 7 two-piece forged wheels with 285/30-ZR20 front and 305/30-ZR20 rear Nitto NT555 tires help

keep the beast firmly planted on terra firma.

A custom leather interior features Recaro racing seats with embroidered Eagle Squadron logo. A hand-engraved shift knob made from metal melted down from an F-35 Lightning carries over the Eagle Squadron logo, and a one-ofone hand-engraved badge made from genuine Spitfire aluminum adorns the dashboard.

"Beyond its menacing looks, this powerful and hungry beast mimics the brute force and maneuverability of an original Royal Air Force fighter jet," said Gittin. "I really can't wait to pilot it up the summit at Goodwood.'

Aside from becoming the owner of this one-off Eagle Squadron Mustang GT, the high bidder will receive an all-expense-paid trip for two to Detroit in August to attend the 2018 Ford Woodward Dream Cruise and be presented with the car.

Jack Pelton, CEO and chairman of the Experimental Aircraft Association, said Ford has once more come through to help the next generation of pilots find new pathways to flight.

"With this Royal Air Force-inspired Mustang GT, Ford has again stepped up with a wonderful tribute to the legacy of flight that will also greatly support EAA's efforts to encourage the next generation of aviators,' Pelton said

The Gathering is the annual fundraising event hosted at the Experimental Aircraft Association Aviation Museum in support of the museum and youth aviation programs.

To learn more about the Experimental Aircraft Association, its youth programs and The Gathering (including bidding on the Eagle Squadron Mustang GT), call 920-426-6573 or email gathering@EAA.org.

Local Chemist Honored for Lifetime Work

named the 2018 Lifetime Achievement Award winner by the Automotive Division of the Society of Plastics Engineers (SPE).

Ryntz is vice president of Global Advanced Development and Material Engineering at International Automotive Components Group (IAC), which has its North American headquarters in Southfield.

She is a technical specialist and research leader in automotive plastics technology with more than 35 patents and five trade secrets in production and material technology that have advanced the industry, said SPE spokeswoman Teri Chouinard.

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Dr. Rose A. Ryntz has been tions include the development of damage resistant fascias, automotive interior skin technologies for use in seamless passenger airbag instrument panels and interior and exterior automotive coatings on plastics.

> Her technical support with several automotive suppliers led to several Joint Development Agreements further advancing the industry. These include functionally integrated interior automotive components with heating, lighting, and Human Machine Interface (HMI) content, bi-laminate and compact sheet technologies for use in vacuum formed and In-Mold grain laminate doors and instrument panels and lightweight technologies incorporating natural fiber and bio-based solutions.

> Ryntz has won more than 20 prestigious industry awards internationally (including three Automotive Innovation SPE Awards for Sustainability and Lightweighting) and is respected as an industry expert. She has been interviewed over 40 times



Dr. Rose A. Ryntz

by industry trade journals, featured as a keynote speaker more than 15 times, presented more than 120 technical papers worldwide and authored four technical books

She will be honored for her lifetime contributions to the advancement of the automotive plastics industry at the 48th annual Automotive Innovation Awards Gala on Nov. 7.

Purdue to Build Autonomous Lab

WEST LAFAYETTE, Ind. (AP) -Purdue University is leading a new innovation hub that will focus on autonomous vehicles and issues surrounding the growing technology.

The Indianapolis Business Jour*nal* reports that the Innovation Hub for Connected and Autonomous Transportation Technolo-

gies will be part of the university's Discovery Park. The 40-acre complex is used by the school's STEM undergraduate students, graduate-level researchers and faculty.

Students and faculty studying science, technology, engineering and math will research topics such as artificial intelligence.







FCA Opening New Employee Health Clinic

FCA is going forward with its plans to open a physician-led, primary care clinic in Kokomo, Ind., to exclusively service employees and their families.

More than 22,000 health care members will have access to the clinic, the majority of whom are located within 10 miles of the facility, said FCA spokeswoman Val Oehmke.

The FCA Family Health and Wellness Center, powered by St. Vincent, will provide a personalized experience through comprehensive primary care services and wellness programs, Oehmke said. The clinic is centrally located to the five FCA plants in the area, which comprise one of the largest automotive transmission complexes in the world.

"Kokomo is the perfect location to launch a primary care, near-site clinic given the size and proximity of the employee community working in our five local manufacturing facilities," said Kathleen Neal, FCA's director of Integrated Health Care & Disability.

"Sustaining a healthy workplace and promoting the well-being of our employees and their families is integral to the success of our business.'

The clinic will open and begin providing care to patients on July 30, Oehmke said.

St. Vincent, part of the Ascension health care organization, was selected to operate the clinic. It is dedicated to serving Indiana's residents for more than 126 years, and will offer FCA employees and their families access to not only primary care providers and wellness services through this new clinic, but also to local specialists at St. Vincent Kokomo.



The 2019 LaCrosse features a newly-styled front grill.

LaCrosse Emphasizes Design

dustry, a brand can't just rest on its laurels, said Phil Brook, vice president of Buick and GMC Marketing.

Which is why the 2019 Buick LaCrosse will add a new style statement when a new Sport Touring (ST) model joins the lineup this summer, said Brook. The ST brings a monotone theme to the LaCrosse with a body color grille surround and side vents, which are finished in chrome on other models. Additionally, the ST features a subtle rear spoiler, black mesh grille, 19-inch midnight silver wheels, and "ST" badging on the trunk lid.

The 2019 LaCrosse ST features a standard 310-horsepower, 3.6L V6 and a 9-speed automatic transmission. Pricing starts at \$40,295, including a \$925 destination fee, with five available exterior color options: White Frost Tricoat, Satin Steel Metallic, Quicksilver Metallic, Red Quartz Tintcoat and Ebony Twilight Metallic.

"The LaCrosse ST emphasizes the importance of design, while also complementing the safety,

In today's competitive auto in- refinement and technology of our flagship sedan," said Brook. "The LaCrosse exemplifies what we mean by attainable luxury, offering Buick's signature Quiet-Tuning, spirited and efficient performance and the latest in-car connectivity all at a tremendous value to customers."

2019 will also bring additional changes to other models in the LaCrosse lineup, including two new exterior colors, Carrageen Metallic and Pewter Metallic. A new air ionizer designed to eliminate odors and improve air quality is now standard on the Avenir model.

With one of the freshest lineups in the industry. Buick has found success offering premium SUVs and cars with sculptural designs, refined performance, modern interiors and thoughtful personal technologies, Brook said. Buick's award-winning customer service and sales experience, along with the new Avenir trim, the highest expression of Buick luxury, are attracting new buyers to experience Buick's unique approach to attainable luxury.

DENSO Provides Grants to Encourage STEM Learning

DENSO, a world supplier of automotive technology and components with its North American headquarters in Southfield, constantly searches for ways to increase young people's access to technical education and help develop tomorrow's workforce, said DENSO spokeswoman Bridgette LaRose.

To that end, the company's philanthropic arm – DENSO America Foundation North (DNAF) - will donate nearly \$1 million in overall funding to 22 institutions of higher learning across North America to support science, technology, engineering and math (STEM) educational programming.

These grants help achieve DENSO's goal of exposing students to the rewarding careers available in manufacturing and advance the industry by enhancing programs that will produce the next wave of highly-skilled problem-solvers.

The DNAF board confirmed its 2018 North American college and university grants on June 13.

DNAF funds will be delivered to programs focused on design, materials management, mechanical and electrical engineering principles, thermodynamics, robotics and more – all intended to help cultivate and encourage a new generation of engineers and skilled workers.

"As a global technology and automotive leader, it's vital for DENSO to advance young people's education in engineering, technology and other related programs," said Doug Patton, president of the DENSO North America Foundation and executive vice president of Engineering at DENSO International America, Inc.

"To remain competitive in this ever-evolving, hi-tech landscape, it calls for a workforce that is skilled, well-trained and able to adapt quickly. We feel great responsibility to prepare students for what's next - for the health of our industry and their future careers."

"Manufacturing and automotive companies need technicallyminded associates now more than ever," said David Cole, DENSO North American Foundation board member.

"By supporting programs that emphasize STEM learning experiences in real-world settings, we hope to help students explore their passions, find a worthwhile and fulfilling career path, and help our communities prosper.'

DNAF has supported STEM education through grants at colleges and universities since 2001, enabling students to access tools, technology and experiences that better prepare them for technical careers after graduation. DENSO education grant proposals are by invitation only and evaluated based on technical merit, student experience and alignment with industry needs, Cole said.

This year's Michigan grant recipients, which play key roles in training the future automotive workforce, include:

- Kettering University;
- Lawrence Technological University;
- Michigan State University: Michigan Technological Uni-
- versity;
- Oakland University;
- University of Michigan Dearborn:
 - Western Michigan University.



JULY 23, 2018

Ford Dives Deeper Into Chinese Marketplace

Ford Motor (China) Ltd. and Baidu, Inc., have agreed to explore strategic collaborations to enrich the consumer experience and build a sustainable mobility ecosystem in China.

Ford China and Baidu will jointly explore cooperation across a variety of domains including connectivity and digital services, artificial intelligence and digital marketing, said Ford spokesman Matt Moran.

Peter Fleet, Ford group vice president and president of Ford Asia Pacific, and Ya-Qin Zhang, president of Baidu, met on June 26 at Baidu's headquarters in Beijing and witnessed the signing of the Letter of Intent between the two companies. Robert Hou, director of mobility platforms and products, Ford Asia Pacific and Tan Su, general manager of Baidu's internet of vehicles division, signed the strategic cooperation agreement on behalf of the two companies.

"Collaborating with leading technology companies such as Baidu supports our vision to become the world's most trusted mobility company by leveraging new opportunities to build a sustainable mobility ecosystem. As part of our 'In China, For China' strategy, we look forward to working closely to offer smart products and solutions that can make people's lives easier and more enjoyable," said Fleet.

The two companies will work together to collaborate on new in-vehicle infotainment systems and digital services based on Baidu's DuerOS conversational AI platform, with features such as voice recognition, natural language understanding and image recognition in order to deliver a personalized user experience for Ford vehicle owners in China.

Leveraging AI technology and



From left, Zhang, Su, Hou and Fleet met in Beijing to sign and witness a Letter of Intent to collaborate.

a vast ecosystem of information tivity for multiple players in the Ford joined Baidu's Apollo autonand services, the DuerOS system enables vehicle owners to command and communicate with their vehicles using natural language and easily access information and services that they need in daily life, Moran said. Ford and Baidu are looking to establish a joint connectivity lab to investigate innovation opportunities across their automotive and mobility businesses in China.

Both companies are dedicated to developing new cloud-based AI solutions to enrich the user experience in-vehicle and through other customer touchpoints, Moran said. The two companies will also explore opportunities in cloud computing, such as integration with Transportation Mobility Cloud (TMC), the open cloud-based platform being developed by Autonomic, a subsidiary of Ford Smart Mobility, that provides transportation services such as vehicle connectransportation ecosystem.

In addition, Ford and Baidu will leverage both parties' areas of expertise to investigate technologies and big data to explore business opportunities related to targeted digital marketing.

This would enable Ford to more precisely understand Chinese consumer behaviors and preferences and develop offerings to meet the needs of these customers.

"Baidu and Ford share the vision of using technology to build the future of driving," said Zhang. "Together, with Baidu's leadingedge AI technology and Ford's advanced engineering expertise, we will transform the mobility ecosystem and create the nextgeneration in-vehicle experience for consumers."

This new letter of intent further builds on the existing partnership between the two companies, Moran said. In July last year,

omous driving open platform as a founding member.

FCA-UAW Scanal Results in Jail

DETROIT (AP) – The wife of a late union official has been sentenced to 18 months in prison as part of a federal corruption investigation at a training center run by Fiat Chrysler and the United Auto Workers.

A federal judge on Friday also ordered 54-year-old Monica Morgan to serve a year of supervised release and pay a \$25,000 fine.

Morgan was married to General Holiefield, who was a UAW vice president before his 2015 death. Former Fiat Chrysler labor negotiator Al Iacobelli admits he spent more than \$1.5 million in cash and gifts on highranking UAW members, including Holiefield.

Auburn Hills' Faurecia to Grow in Toledo

Faurecia Interiors has plans to open a new production facility in Toledo, Ohio.

The new facility will create more than 100 new jobs and officially begin production activity in April 2019, ramping up to full production within a few months.

Faurecia, a global manufacturer of automotive interior systems with North American headquarters based in Auburn Hills, will make an estimated investment of \$11 million to begin operations in the 73,000-squarefoot plant, said Faurecia spokeswoman Dawn Swindle.

"Faurecia is proud to open this new site and to provide new opportunities for local jobseekers," said Donald Hampton, Jr., president of Faurecia Interiors in North America. "We look forward to building on Toledo's reputation for automotive expertise and excellence as we provide our customers with high-quality products."

"Faurecia becoming a part of Overland Parkway is another great addition for Toledo, bringing more jobs and helping with the revitalization of manufacturing in Toledo," said Ed Harmon, president of NAI Harmon and Harmon Development. "The Harmon Group is proud to play a part in this growth."

The project going forward is still contingent on final approvals at the state and local level, Swindle said.

Faurecia plans to manufacture and assemble full instrument panels using the latest technologies in the proposed facility.

The company currently employs more than 750 people in Ohio at its Clean Mobility facilities in Franklin, Toledo and Troy, Swindle said.





Kristin Newsome, Agent.

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Cadillac Racing Teams Win **Big in Canadian Grand Prix**

Cadillac V-Performance Racing for the points we gained but unteam Konica Minolta Cadillac finished second July 8 in the IMSA WeatherTech SportsCar Championship Mobil 1 SportsCar Grand Prix at Canadian Tire Motorsport Park (CTMP).

The Whelen Engineering Cadillac came in third, followed by the Mustang Sampling Cadillac fourth on the day.

At the drop of the green at 2:05 p.m., Renger Van Der Zande drove the No. 10 Konica Minolta Cadillac DPi-V.R to second from his fourth place starting position, said GM spokesman Kyle Chura. Twenty-two minutes into the race, the first caution flew with Van Der Zande running second.

The Whelen Engineering Cadillac was able to dive into pit lane just prior to the yellow and make its driver change and get service, improving its track position to second on the restart. An hour into the race, Van Der Zande took the lead, followed by Felipe Nasr behind the wheel of the No. 31 Whelen Engineering Cadillac DPi-VR in second.

As the teams cycled through the third caution of the race, the No. 5 Mustang Sampling Cadillac DPi-V.R with Filipe Albuquerque at the wheel made it a Cadillac 1-2-4 at the one-hour-and-fifteen mark, Chura said. Jordan Taylor took over the No. 10 Cadillac and proceeded to lead up until the last 13 minutes of the race. Two late race caution flags, first with 20 minutes remaining and the last with 12 minutes to go allowed the race's pole-sitter Colin Braun, No. 54 Oreca, to make up track position and eventually pass Taylor on the outside for the win.

"I wouldn't say we're the happiest team right now, but we cannot be unhappy with second place," Van Der Zande said. "It's good for the points and we did everything right today and I think we should be very, very proud of having a car that we could fight with. My stint was cool and Jordan did a great stint and the winning car was just in a different league today and that's why we lost the race. I'm happy happy that we lost, at the same time.

"I think we had a dominant day, all things considered," Taylor said. "Renger was able to control things from the front once the 6 car went off strategy. We were basically in fuel-saving mode and staying out of trouble. Renger had a flawless stint and pulled a good gap. And, once I was in, we were still able to control things and had good pace. But, as soon as the 54 car came through the field, there was no stopping them. All things considered, I think a second-place finish is good for the championship. It should've been a win, but that part of it was out of our control. So, we'll go to Road American and keep fighting and hopefully contend for some wins.'

Last year's winners had another good run at CTMP. The No. 31 Whelen Engineering Cadillac DPi-V.R driven by Eric Curran and Felipe Nasr ran toward the front the last third of the race and came home on the last step of the podium in third.

"It's a flip-flop from yesterday (July 7)," Curran said. "We struggled for sure in qualifying. The No. 5 and No. 31 both were back in the pack without the speed needed. The Action Express guys never give up and worked on the car to find some more speed in it. At the end of the day, Tim (Keene) on the pit box and his strategy helped us get here. He knows exactly when to pit and all the Whelen guys killed the pit stops on all fronts, it is a whole team effort. It's amazing because we made so much of our progress in the pits. We seem to be good at that and we just do our thing and remain consistent.

"We don't have the fastest car but congrats to the No. 54 car, they deserve this win. We didn't have nearly the pace for them. The Whelen Cadillac was still good and it was a good day for championship points. I think we flip-flopped back to the lead with our No. 5 teammates. I love coming to CTMP and it's always good to be on this podium."

Howe Bridge Breaks Ground

breaking for the advance construction of a new international bridge connecting Detroit with Windsor, Ontario, in Canada has been held.

Officials from both countries attended the July 17 ceremony at the site of the future Gordie Howe International Bridge in southwest Detroit. The Canadian-financed span over the Detroit River is scheduled to open two cities.

DETROIT (AP) - A ground- in 2020. Construction could start

Michigan Gov. Rick Snyder touted the project July 17 as an "economic engine" for Michigan and Canada. A final contract is expected to be signed later this year for the cable-stayed bridge. Currently, the privately-owned Ambassador Bridge and the Detroit-Windsor Tunnel are the only commuter crossings between the

in earnest by early October.



PAGE 7

Van Dyke Across From **GM** Tech Center



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JULY 23, 2018

Lyft to Upgrade Company's Security Checks

SAN FRANCISCO (AP) – Ridesharing company Lyft said July 18 that it's beefing up its background checks after a driver arrested for rape was found to be in the United States illegally.

The company's "enhanced detection processes" will apply to new applicants and existing drivers, Lyft spokeswoman Kate Margolis said.

San Francisco Police arrested Lyft driver Orlando Vilchez Lazo, 36, last week and charged him with raping four women who he lured to his car pretending to be their rideshare driver. The company fired Vilchez Lazo on July 13, Margolis said.

Margolis and police investigators said there's no evidence Vilchez Lazo was on duty when the attacks occurred.

On July 18, the U.S. Immigration and Customs Enforcement agency said Vilchez Lazo was living in the country illegally and that it planned to deport him to his native Peru if he was ever released from jail in the United States. He is being held without bail and faces a maximum sentence of life in prison if convicted. Vilchez Lazo was scheduled for arraignment and assignment of a lawyer last week.

Vilchez Lazo "fraudulently represented himself" when he applied for a job and and passed the company's background check, Margolis said. Uber and Lyft hire private background companies that run a driver's name, license and Social Security number through local court records, national criminal databases and a federal sex offender registry. Searches can take as little as 24 hours, and none would flag a worker in the country illegally using bogus documents.



2018 Jeep Grand Cherokee

Autotrader Likes Detroit's SUVs for Summer of 2018

Detroit OEMs are doing something right when it comes to SUVs. At least that's what the editors at Autotrader.com believe, with six out of the top 10 SUVs for the summer of 2018 being made by the domestics.

"As the temperatures continue to rise, breaking heat records across the country, Autotrader editors put together its list of the 10 hottest SUVs for the summer of 2018," said Autotrader spokesman Andrew Nicolai. "These fun, practical vehicles are the 10 most-searched new, used, and certified pre-owned utility vehicles on Autotrader."

"Utility tops the must-have list for today's car shopper, which is why SUV sales continue to set records among buyers," said Brian Moody, executive editor for Autotrader.

The Jeep Wrangler took the top spot on the Autotrader list. It was followed by the Jeep Grand Cherokee. The Chevy Tahoe took fourth place, while the Ford Explorer took fifth. The Chevy Sub-

Detroit OEMs are doing someurban finished in seventh place and the GMC Yukon was ninth.

Editors liked the Wrangler, writing that it is "always a popular model, the Jeep Wrangler is all new for 2018. With a thoroughly revised interior, new powertrain options, and updated tech, the new Wrangler gives you everything you love about this icon without sacrificing comfort and convenience. And yes, it still has the off-road capability you'd expect from the nameplate."

They called the Grand Cherokee "a bit more civilized, but still has serious off-road chops, the Grand Cherokee is a popular choice for good reasons. The Grand Cherokee has a look that's rugged yet refined and that theme continues in the interior and in the SUV's performance."

Editors liked the versatility of the Tahoe, writing it "can be a family car, a rugged work vehicle, a comfortable commuter, or anything in between. It is also one of the longest-lasting vehicles on the road not only because of its



2018 GMC Yukon Denali

2018 Ford Explorer

strong reliability record, but because their owners love them so much that they drive them for as long as they can."

The Explorer earned praise for just doing its job well. Editors wrote, "what people love about the Explorer is that it delivers a comfortable, car-like driving experience thanks to its unibody construction while still offering all the utility of an SUV."

Editors liked the Suburban for its power and its economy. They wrote the "mighty Suburban can haul passengers and cargo while towing a boat all at once without breaking a sweat. If you need one vehicle that does it all, the Suburban is the SUV for you."

As for the Yukon, editors wrote "the Yukon can be optioned into a full-on luxury SUV with the ritzy Denali trim. But even the non-Denali Yukon has the same versatility and toughness of the Tahoe in a classier package. Choosing between the Yukon and the Tahoe is purely a matter of personal taste and your budget."

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Silverado Chassis Cab Has Versatility – Peper

Pickup trucks are hot sellers in today's retail automotive market, but that doesn't mean that Chevrolet has ignored the commercial side of the equation, said Ed Peper, U.S. vice president, GM Fleet.

The manufacturer suggested retail prices for the 2019 Chevrolet Silverado chassis cab trucks will start at \$48,465, Chevrolet revealed in mid-July. This includes a \$1,495 destination charge, but excludes taxes. title and additional dealer fees, GM spokeswoman said Rita Kass-Shamoun.

Customers can visit one of more than 400 Chevrolet commercial medium duty dealers to customize and price the new work truck. Production will begin in late 2018.

'These new Silverado chassis cabs are a great addition to our lineup because we can now offer small businesses and large fleets a truck that can be upfitted to do many jobs, including construction, utility and landscape work, tow truck operations, first responder calls and more," said Peper. "Chevrolet was obsessed with making these Silverado trucks easy to upfit, drive and own.'

The Silverado will be available in 2WD and 4WD and will be powered by a Duramax 6.6liter diesel engine with 350 horsepower and 700 lb.-ft. of torque, and Allison transmissions with a Power Take Off (PTO) option.

The frame is designed with one-piece straight rails with no rivets or brackets on top to interfere with the mounting of custom-made bodies.

There are no obstacles to work around, helping to save time and money during the upfit process, Peper said.

More frame lengths are offered compared with key competitors, which can help customers specify the exact truck to suit their needs, he said.

The truck is designed to be easy to service, with a clamshell hood and a wheel cut of up to 50 degrees that can give technicians better engine access than trucks with conventional hoods.



The 2019 Silverado chassis cab

Optional equipment includes a twin-tank fuel capacity of up to 65 gallons, a factory-installed air suspension and a full suite of available connectivity, including OnStar. Commercial Link and a built-in 4G LTE Wi-Fi hot spot.

The ultimate Chevrolet Silverado is the 6500HD, which is similar in size to the 4500HD and 5500HD but is rated to 22,900 pounds GVWR, Peper said.

"Bucket truck builders, fleet managers and many other customers told us they face a dilemma when their GVWR needs exceed 19,500 lbs.," said John Schwegman, director of Commercial Product and Medium Duty at GM Fleet. "Some pay for expensive aluminum bodies to save weight so they can stay with a Class 5 chassis.

"Others may spend \$10,000 or more to purchase a larger truck with much more GVWR than need. The Silverado thev 6500HD gives them capability and protects their bottom line. It's a great solution."

Audi Chief Wants Out of Jail

BERLIN (AP) - Audi's chief executive is seeking his release from jail during an ongoing investigation of suspected fraud as part of parent company Volkswagen's diesel emissions scandal.

Rupert Stadler was arrested June 18 due to fears he might try to evade justice. Authorities had earlier searched his private residence on suspicion of fraud and indirect improprieties with documents.

News agency dpa reported that Munich prosecutors said July 19 that Stadler has filed a complaint against being kept in investigative custody, which the court will now consider.

Audi said shortly after Stadler's arrest that it had complied with his request to temporarily relieve him of his duties. The company named sales chief Abraham "Bram" Schot as its interim CEO.

The probe against Audi fol-

lows the emissions scandal that has rocked Volkswagen since 2015.

Stadler's arrest came shortly after an executive restructuring at Volkswagen Group. Former CEO Mattias Müller, who took over immediately after the scandal broke in September 2015, was ousted as CEO in April and replaced by Herbert Diess.

VW Group admitted it used the defeat devices, which amounted to software, to deceive regulators in the U.S. and Europe from 2006 to 2015. Thus far, the scandal has cost VW Group roughly \$30 billion.



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NHTSA: Hurry Airbag Recalls

by TOM KRISHER AP Auto Writer

DETROIT (AP) - The U.S. government's road safety agency is urging automakers to speed up replacement of potentially dangerous Takata air bag inflators.

The National Highway Traffic director of the nonprofit Center Safety Administration said in statement July 13 that Heidi King, its top official, has met with 19 affected compa- agency's authority to make nies urging them to accelerate automakers comply. the recalls and to post recall plans on their websites. The statement didn't say if automakers agreed to the request and NHTSA did not immediately answer messages left by AP. Automakers missed a Dec. 31 deadline to replace 100 percent of the oldest and most dangerous inflators, and they have been slow to complete the recalls, which began more than 15 years ago. Automakers say it's difficult to get people to take their cars in for repairs, especially with older models. Takata's inflators can explode with too much force and hurl shrapnel into drivers and passengers. At least 23 people have been killed and about 300 injured worldwide. The inflators have resulted in the largest series of auto recalls in U.S. history, covering 37 million vehicles and about 50 million inflators.

turers take every available step to reach each and every owner of a vehicle with deadly air bags and take action to ensure that those dangerous air bags are replaced as soon as is safely possible, King said in the statement.

But Jason Levine, executive for Auto Safety, said King has placed the burden on consumers rather than using the

"It's imperative that manufac-

"Today, we see yet again this administration's inability to protect consumers as this announcement does nothing to make more readily available the replacement air bags that tens of millions of Americans are waiting on and deserve," he said on July 13 in an email.

Sen. Bill Nelson, D-Fla., said in an email that he asked King to demand that automakers submit binding plans to show how they'll fix the vehicles.

"She needs to stop begging them for action, and actually use her authority to get the job done," he said.

Toyota said it already has made Takata recalls more prominent on its website and is publishing quarterly compliance reports that include scheduled recalls.

To protect the public in the safest way, NHTSA is managing the recalls in an effort to make sure the most dangerous inflators are replaced first.



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different consumer demands.

fornia beach lifestyle.

ple inside, they all love it.

to Little League practice.

lieves in.

Guerrero said.

for the interior."

attracted to its versatility, Guer-

rero said. They view it as a good

family vehicle that they can use

to haul things or take their kids

found that they can be comfort-

able driving or being stuck in a

traffic jam," Guerrero said. "And

part of what has helped us in the

California market is that it's a ve-

hicle that our dealer base be-

ing of the Flex. While in other re-

gions, dealers just put it out.

Once California dealers saw how

popular it was becoming, they

Part of what helps sell the Flex

"Our appearance package is

in California is its two-toned look,

very popular," Guerrero said. "It

comes with a black roof for the

interior. That roof really makes

the Flex stand out. It's known for

its 'two-tone capability' in that

the two-tone look is a decisive

factor in the vehicle's popularity.

The package also comes with 20-

inch high-gloss Ebony black

wheels and black rear-view mir-

ror exteriors and two-tone seats

started promoting the vehicle."

"They've done a lot of promot-

"In California, people have also

Lear Hires U-M Professor As Investor Relations Chief

Alicia Davis, a professor and associate dean at the University of Michigan Law School, has been hired as vice president of Investor Relations at Lear Corporation, succeeding the retiring Mel Stephens.

Davis' appointment is effective Aug. 1. During the coming months, Stephens will assist with the transition of the Investor Relations role and his other responsibilities.

Davis will report to Ray Scott, Lear's president and CEO, and lead the ongoing development and implementation of Lear's investor relations strategy, said Lear spokesman Joel Elsesser.

Davis currently is the associat U of M. Her teaching and research focus is on corporate governance, capital markets and mergers and acquisitions.

Her professional experience also includes time as a corporate lawyer at Kirkland & Ellis and as an investment banker, first, at Goldman Sachs and, later, at Raymond James, where she served as a vice president.

She has an undergraduate degree in business administration from Florida A&M University, a Juris Doctor degree from Yale Law School, and a Master in Business Administration from Harvard Business School.

"Alicia is the perfect candidate to lead Lear's Investor Relations function and our communications with Wall Street going forward," said Scott.

"Alicia has a very distinguished academic background and significant capital markets and legal expertise. I am delighted to welcome someone with Alicia's experience and outstanding credentials to Lear.'



Mel Stephens

"As we welcome Alicia to Lear, ate dean for Strategic Initiatives I want to thank Mel for his distinguished service to Lear in many senior leadership roles over his 17-year career.

"He has contributed importantly to the development of Lear's strategy, strengthening the Lear brand and delivering superior shareholder value," said Scott.

Lear Corporation is a global supplier of automotive seating and electrical systems,

It was founded in Detroit in 1917 as American Metal Products. Today, Lear is one of the world's leading suppliers of automotive seating and electrical systems (E-Systems).

Lear serves every major automaker in the world, and Lear content can be found on more than 400 vehicle nameplates.

Its world-class products are designed, engineered and manufactured by a diverse team of approximately 165,000 employees located in 39 countries.

Lear, with headquarters in Southfield, Mich., currently ranks #148 on the Fortune 500.



2018 Ford Flex

The Western region, which includes California cities. accounts for about 30 percent of total Flex sales, Guerrero said. And its flexibility isn't just popular in Detroit.

"People like how they can combine the Flex into a lifestyle-commute vehicle," Guerrero said. "They don't have to silo their cars by having one for work and one for play. They can go from day to night with the Flex.'

And that's no accident, Guerrero said. The Flex was created after Ford spoke with customers about what they wanted.

"We were able to take all that was told to us and offer a vehicle to the public based on the feedback we got from them. We are able to be fashionable and practical, which is a great advantage in selling to customers.

"When people take to a vehicle like they have with the Flex, you know you've done your part.

There are still 2018 Flex vehicles in dealerships, Guerrero said, and the 2019 is coming.

But Flex fans shouldn't worry because there haven't been many changes in the two models. "We didn't have to do a lot," Guerrero said.

"When you get it right from the first, you don't have to change too much."

BMW Expanding in China

by JOE McDONALD AP Business Writer

BEIJING (AP) - BMW Group and the biggest Chinese SUV brand, Great Wall Motor, announced a partnership July 10 to produce electric MINI vehicles in China as global automakers ramp up development under pressure from Beijing.

The companies said they signed an agreement July 9 during an event in Berlin attended by Chinese Premier Li Keqiang and German Chancellor Angela Merkel.

BMW and Great Wall said their venture, Spotlight Automotive Ltd., also will make electrics for the Chinese partner's brand. Great Wall put total investment in the venture at 5.1 billion yuan (\$770 million) and said it is aiming for annual production of 160,000 vehicles.

Automakers are pouring billions of dollars into creating electric models for China, the biggest market for the technology.

Beijing is using access to its market as leverage to induce global automakers to help Chinese brands develop battery and other technology.

Auto brands in China are required to make electric vehicles at least 10 percent of their sales starting next year or buy credits from competitors that exceed their quotas. Later, they face pressure to raise those sales in order to satisfy fuel efficiency requirements that increase annually.

MINI's first battery electric model is due to be produced at its main British factory in Oxford in 2019, according to BMW.

China is BMW's biggest market. The Munich-based automaker said about 560,000 BMW brand vehicles were delivered to Chinese customers in 2017, more than its next two markets - the United States and Germany combined.

China was MINI's fourthlargest market in 2017, with 35,000 vehicles delivered, the company said.

The electrics venture with BMW is an important boost for Great Wall, which industry analysts warned would struggle to satisfy Beijing's sales quotas due to its fuel-guzzling vehicle lineup and had yet to announce any significant electric plans.

Scandal Over **Inspections** Grow in Japan

TOKYO (AP) – Japanese prosecutors charged major steelmaker Kobe Steel July 19 with violating laws overseeing competition in a massive faking of product data.

Quality control woes have been rife at other top Japanese brands, including Nissan Motor Co. Nissan has acknowledged that illegal vehicle inspections occurred for years at its plants in Japan. Kobe Steel, which has repeatedly apologized for the practice, said in a statement that it took the allegations seriously and was working to prevent a recurrence. "We once again deeply apologize," it said, without elaborating on specific charges. "The entire Kobe Steel Group is working together sincerely.' The systematic misconduct spanned years, affecting products sent to more than 680 companies, including aluminum castings and copper tubes for autos, aircraft, appliances and trains. The scandal, which surfaced last year, has set off a class-action lawsuit and an investigation in the U.S. Kobe Steel officials said a zealous pursuit of profits, unrealistic targets and an insular corporate culture were behind the scandal.

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Sales of pure-electric passenger vehicles in China rose 82 percent last year to 468,000, according to an industry group, the China Association of Automobile Manufacturers. That was more than double the U.S. level of just under 200,000.

Other automakers including General Motors Co., Volkswagen AG and Nissan Motor Co. have announced similar plans with Chinese partners to produce dozens of electric models.

Great Wall, headquartered in Baoding, southwest of Beijing, sells more than 1 million SUVs a year.

"With our joint approach, we can quickly scale up production and increase efficiency," said Klaus Frolich, a BMW board member, in a statement.





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