### Fiat Fans Gather to Celebrate Their Love of the Brand

Abarth performance-car aficionados from throughout North America gathered in Orlando recently as Fiat Club America cele-

It was no Mickey Mouse affair. brated its 35th annual "Fiat Hundreds of Fiat owners and FreakOut" (FFO) national conven-

"The passion and loyalty of Fiat fans were on full display at this year's FreakOut," said Steve

Beahm, head of Passenger Car al event for owners to celebrate Brands – Dodge, SRT, Chrysler and FIAT, FCA - North America. "With a full range of fun-to-drive vehicles spanning multiple decades, this is the perfect annu-

FIAT's iconic Italian heritage and design."

Recently held at Walt Disney World and nearby attractions, organizers tabbed this year's event on Earth." The event registered as one of the most highly attended national conventions in Fiat

info@detroitautoscene.com

**CONTINUED ON PAGE 4** 

# Detroit Auto Scene®

"FIRST IN THE HEART OF DETROIT"

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**AUGUST 27, 2018** 

# **GM Engineers Honor Century of the Chevy V8**

The 17th annual Global Propulsion Systems (GPS) - Pontiac Engineering Center Employee Car Show celebrated 100 years of the Chevy V8.

VOL. 86 NO. 33

The Aug. 10 event had record attendance, said GM spokesman Tom Read.

"We had GPS employees and their family attend the show," Read said. "We also invited employees and their families from our Milford and Warren facili-

The car show included nearly 200 GPS employee entries. In support of the Chevy V8 theme, the special display included a 1918 Chevrolet Series D-4 "Chummy" Roadster and a 2018 Chevrolet ZR1 Indy Pace Car, Read said.

Also included were for a special appearance were some of Chevrolet's most famous V8 engines such as the 427 L71, 454 LS6, and of course the current su-



CONTINUED ON PAGE 2

Berg, in the straw boater hat, shows off his recently-acquired 1914 Studebaker at a GM employee car show.

### Arts, Beats & Eats Festivities Set for Aug. 31 - Sept. 3

Ford Arts, Beats & Eats presented by Soaring Eagle Casino & Resort returns to Royal Oak.

The annual celebration of Michigan will be held Aug. 31 -Sept. 3, during Labor Day weekend, said event spokesman Michael Odom.

In addition to the prominent art, music and restaurant participants each year, a number of new features, including a strategic partnership to spotlight the culinary, theatre and visual arts talents of local college students, and an enhanced health and wellness program with new and exciting classes for attendees, reaffirming the organizer's annual commitment to wellness, Odom said.

Kroger will debut its "Zero Hunger Zero Waste" Program to fight hunger and reduce food

CONTINUED ON PAGE 3 -



Ford's EksoVest is used to reduce the physical toll on employees.

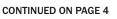
### **Eaton Expert Talks EV Technology Needs**

More has to be done if EVs are highlighted Eaton's new eMobilito become mainstream vehicles. At least that was Scott Adams. senior vice president of Product Management and Sales for Southfield-based power management company Eaton said at the recent Center for Automotive Research's Management Briefing Seminars, an annual gathering of more than 1,000 auto industry stakeholders held on July 31, in Traverse City.

Adams spoke in a 90-minute panel discussion about vehicle electrification strategy titled "Electrification Strategy: Batteries, Motors and Cars." Adams

ty business, formed recently to provide intelligent, safe and reliable power for next-generation, high-voltage electric vehicles.

"Widespread adoption of electrified vehicles depends on a number of things," Adams said. "In Eaton's eMobility business, we're looking at what's going on with the architecture of electrified vehicles, so we can help address challenges like the need for faster charging times, longer range with a single charge, safe operation at higher voltages and





Scott Adams

### Ford Line Employees Get a Lift with Bionic Power Gear

Sometimes superhero technology isn't as fictional as some might think. Imagine lifting a bag of flour or a watermelon over your head up to 4,600 times a day as part of your job - that is similar to what some Ford employees do every day as they work to build vehicles around the world, said Ford spokeswoman Kelli Felker.

Repetitive motions like those can lead to fatigue and injury for workers, but now Ford is rolling out a new wearable technology globally called EksoVest that helps reduce injury risk in some plant workers after a successful trial in two U.S. plants, Felker said. Ford employees in 15 plants and seven countries around the world are able to use an EksoVest to help lessen the physical toll that their job takes on their body. Ford partnered with Ekso Bionics to enhance this

wearable technology that elevates and supports a worker's arms while performing overhead tasks such as reaching up with a power tool to screw bolts to secure the car's brace - all while standing underneath the vehicle.

"Building vehicles is physically a tough job," said Bruce Hettle, Ford group vice president, Manufacturing and Labor Affairs. "We care about our employees and are trying to help them do their jobs with the least amount of wear and tear on their bodies possible."

Ford is using body tracking technology normally used in video games to design less physically stressful workstations for enhanced manufacturing quality.

The EksoVest fits workers ranging from 5 feet 2 inches tall to 6 feet 4 inches tall and pro-

CONTINUED ON PAGE 2

### Bullitt Mustang to be Auctioned for JDRF

Highland Green Mustang Bullitt thriller "Bullitt," which also Aug. at Mustang Alley, at the in-Kona Blue to help benefit Juvenile Diabetes Research Foundation, and one lucky raffle participant will drive home in this oneof-a-kind Mustang, said Ford spokesman Jiyan Cadiz.

Ford revealed the Kona Blue Mustang Bullitt last week at the 2018 Woodward Dream Cruise, where Ford and JDRF start selling up to 60,000 raffle tickets at \$10

The raffle ends Nov. 9. A winner will be selected Nov. 13, Cadiz said.

The JDRF Mustang Bullitt comes with unique gray wheels, and its Kona Blue exterior is carried inside with blue cabin stitching. It features the 2019 Mustang Bullitt's high-performance addons - including the performancetuned 5.0-liter V8 churning out 480 horsepower for a top-end speed of 163 mph. And like the original one-of-a-kind 1968 Mus-

made an appearance at the Woodward Dream Cruise, the newest model features minimal badging, a blacked-out grille and special white cue ball shifter.

The JDRF Kona Blue Mustang Bullitt was available to be seen at the Ford Media Club House at Kruse and Muer, in Royal Oak.

Ford is turning its iconic Dark tang fastback from the classic It also was on display Saturday, tersection of 9 Mile and Woodward Avenue in Ferndale. JDRF raffle tickets were available for purchase at both locations.

> For those unable to attend the cruise, raffle tickets also are available online onecause.com/jdrfbullitt until Nov. 8; online orders end Nov. 9.



This Kona Blue Bullit Mustang is going to help kids with diabetes.

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#### FCA to Recall Minivans, SUVs To Fix Brakes

DETROIT (AP) - Fiat Chrysler is recalling nearly 209,000 minivans and SUVs worldwide to fix a brake problem that can cause longer stopping distances than normal.

The recall covers the 2018 Dodge Journey, 2019 Jeep Cherokee and the 2018 and 2019 Dodge Grand Caravan and Jeep Compass. Most are in the United States.

The company says in a statment to the media that a brakesystem part wasn't built to specifications.

This can allow gas bubbles to form in the brake fluid.

Fiat Chrysler has received no customer complaints or reports of any crashes or injuries from the problem.

Owners will be notified shortly of when they can take their vehicles in to receive the proper re-

Dealers will replace the brake fluid, which Fiat Chrysler says will solve the braking problem of the recalled vehicles.

### **GM Employees Enjoyed Showing Off Cars**

CONTINUED FROM PAGE 1

percharged 6.2L LT5, Read said. In attendance was special guest IndvCar driver Spencer Pigot.

The D-4 was Chevrolet's first V8 which was a 288 cubic inch OHV, with just 40 horsepower." said John Banach, Car Show Committee member and GPS designer. "Unique features included a starter and gear driven generator in the V of the block. Contrast that with the Small Block LT5 V8 in the Indy ZR1 100 years later at 755 horsepower out of just 378 cubes or 6.2L that is smaller and lighter. Chevrolet knows how to do V8s better than anyone."

Those who attended the show got to see some special cars, Read said. Among the vehicles brought by GM employees was a 1914 Studebaker. It is the latest acquisition of Rusty Berg, a senior Controls Design engineer for GM. Pigot also signed autobers of the public.

In total approximately 7,000 GPS employees and family members attended the car show and picnic which included employee volleyball, distracted display and an audriver

tonomou3s vehicle display, Read said. The day began with remarks from Charlie Freese, executive director Global Fuel Cells; Holly Myers, GPS operations director; Spencer Pigot; and the singing of the National Anthem.



graphs and spoke with mem- Pigot signed autographs at the recent GPS employee car show.

### Future is Bright in Automotive Plastics

According to a new market research report "Automotive Plastics Market for Passenger Cars (Polypropylene, Type Polyvinyl Chlo-Polvurethane. ride, ABS, Polyamide, HDPE, Polycarbonate, PBT), Application (Interior, Exterior, Under Bonnet), and Region - Global Forecast to 2023", published by MarketsandMarkets, the Automotive Plastics Market for Passenger Cars is projected to reach \$47.33 billion by 2023, at a CAGR of 10.9 percent from 2018 to 2023.

The Automotive Plastics Market for Passenger Cars is projected to grow from \$28.20 billion in 2018 to \$47.33 billion by 2023, at a compound annual growth rate (CAGR) of 10.9 percent during

INDIVER ROADS

the forecast period. Owing to stringent regulations regarding carbon emissions and price-sensitive demand, automotive manufacturers prefer automotive plastics in their designs, thus driving the growth of the automotive plastics for passenger cars across regions, said Marketsand-Markets spokesman Shelly Singh.

By type, MarketsandMarkets predicts that the polyamide segment of the Automotive Plastics Market for Passenger Cars is projected to grow at the highest CA-GR from 2018 to 2023, in terms of value.

Polyamide is commonly known as nylon and finds major usage in automotive components due to its excellent mechanical properties and flexibility. Polyamides are increasingly being used in combination with other thermoplastics, such as polyphenylene ether (PPE), to enhance the performance of automotive plastics, resulting in their increasing demand, Singh said.

By application, Marketsand-Markets predicts that the under hood segment is projected to grow at the highest CAGR between 2018 and 2023, in terms of value. The demand for automotive plastics for use in the under hood of passenger cars is expected to increase owing to the replacement of conventional materials used in under bonnet components with plastics and composites.

Additionally, the high insulating properties of plastics provide huge opportunities for the advancement of under bonnet applications. Key players operating in the Automotive Plastics Market for Passenger Cars include Magna International Inc. (Canada), Lear Corporation (U.S.), Adient plc (Ireland), BASF SE (Germany), Compagnie Plastic Omnium (France), Borealis AG (Austria), Covestro AG (Germany), Evonik Industries AG (Germany).

### New GM Program Helps Customers Get Body Repairs

For General Motors, interaction with car owners doesn't end once the buyer leaves the showroom floor.

General Motors' Customer Care and Aftersales division launched on Aug. 8 the GM Collision Repair Network at NACE Automechanika Atlanta, a trade show dedicated to the automotive collision industry, said GM spokeswoman Christine Kunde.

The network is designed to help drive customer safety, customer satisfaction and strong results for dealers and independent collision repair facilities, said John Eck, collision manager, GM Customer Care and Aftersales.

'We put the customer at the center when we designed the GM Collision Repair Network because for them, nothing is more important than knowing they can trust in the safety and integrity of their vehicle when it leaves the repair facility," said Eck. "The collision repair industry will benefit too. The National Highway Traffic Safety Administration reports more than six million police-reported crashes occur every year, and as vehicle technology evolves, it's more important than ever to complete proper repairs and run an efficient enterprise.'

After a collision, GM's Collision Repair Network, combined with OnStar, helps educate and empower GM vehicle owners by helping them locate repair facilities where qualified technicians follow proper repair procedures using original equipment replacement parts, Eck said.

For dealerships and independent collision repair facilities, the new Collision Repair Network will build on GM's current training and tools-focused programs, while adding standards for preand post-repair scanning, repair procedures, calibration and overall repair.

Repair facilities in the network should have a more streamlined collision repair process.

#### Ford Uses Bionic Gear to Help on Production Line

CONTINUED FROM PAGE 1

assistance from five pounds to 15 pounds per arm. Ford workers say it's comfortable because it's lightweight and not bulky, allowing them to move their arms eas-

ily, Felker said. "I don't want the EksoVest to ever leave," said Nick Gotts, an original EksoVest operator at Flat Rock Assembly, "Any job that's overhead, I wouldn't work without it."

Ford piloted the EksoVest at Michigan Assembly Plant in Wayne, and Flat Rock Assembly Plant in Flat Rock, during the past year, Felker said. The feedback from plant operators helped refine the technology before the company rolled it out globally.

"At Ekso, our mission is to augment human capability with wearable technology and robotics that help people rethink current physical limitations and achieve the remarkable," said Jack Peurach, president and chief executive officer of Ekso

"Advancing our collaboration with a global leader like Ford, represents a major step forward in achieving our mission as our EksoVest is deployed around the world to enhance the well-being of its work force."

All of Ford's North American assembly plants have EksoVests and they are being used in plants in Asia Pacific, Europe and South America as well, Felker said.







**AUGUST 27, 2018** "FIRST IN THE HEART OF DETROIT SINCE 1933"



The Tech Center's "A" team won its bracket at the recent Motor City Automotive Softball Championship.

### **GM Teams a Hit at Softball Tournament**

Maybe next year they won't hold the annual softball tournament on the same weekend as the Woodward Dream Cruise.

The 2018 Motor City Automotive Softball Championship series was held on Saturday, Aug. 18, at Ella May Power Park in

Roger Brogan, a commercial integraton design engineer of control and instrument panels, was coach of one of the GM teams GM sent to the tournament, described the event as a fun celebration of softball and the Detroit car industry.

It was originally started two years ago when Nissan and Toyota teams played each other. Other OEMs were invited and for the first time auto suppliers were able to field teams. Now reps from participating companies meet a few times a year to work out the details of the summer tournament.

'We talked a lot about trying to change the date of the series so that it wouldn't be on the same day as the Dream Cruise," Brogan said. "Ford had originally planned on sending a team, but they dropped out at the last minute. Believe me, we were well aware that having the tournament on cruise day wasn't the best thing to do. But these fields have to be reserved months or even a year in advance. In the end, it would have been too difficult to find another place to play. Next year we hope to avoid this overlap."

The tournament was started by tech center people at Nissan and Toyota," Brogan said. So the invitation to other OEMs went to tech center departments. Brogran first became involved when he saw a posting about a need for a coach on GM's internal social platform asking if anyone was interested in forming and coaching a team for the tourna-

Brogan said that he's been a huge baseball fan since the his days of playing t-ball. Additonally, he played club baseball at Central Michigan and was even coached by his father during his younger days, so he was happy to be the coach.

"I told them that coaching was in my blood," Brogan said. "Fortunately, GM has a lot of softball players, so once I got the coaching position, I started recruiting the best players for the different positions. I didn't want to recruit too many players and have a lot of people sitting on the bench, so this year the A team had 11 play-

This year the tournament was divided into the A bracket and the B bracket, Brogan said. His bracket consisted of the GM A team, an FCA team, a Toyota team and a Nissan team.

The GMB team was coached by Joe Tiseo, an engineer in Body & Exterior at the Tech Center. He said that when he and Brogan responded to the request for coaches they naturally reached out to form their own teams.

"We both played/managed in weekly leagues but could not fill a full 'A' and 'B' team," Tiseo said. "We reached out again to the GM internal network for players and the requests rolled in and accepted on first commitments."

The format we played was round robin," Brogan said. "That meant that each team played all the other teams in their bracket. with the two teams with the best records playing each other in a final game for the trophy in their particular bracket.'

His team played its first game at 9 a.m., Brogan said. They then beat the Nissan team by a score

They then immediately played the Toyota team and beat them by a score of 12-8.

'Then we took a two-hour lunch break before we played FCA," Brogan said. "That was our undoing. We lost to them 12-1."

When asked why they lost by so much, Brogan said that the lunch break slowed them down. Between a hearty meal and rest, the team played sluggish against

"But we got our revenge," Brogan said. "GM and FCA had the two best records in our bracket. We were 2-1 and FCA was 3-0."

### Ford Arts, Beats & Eats Marks End of Summer

CONTINUED FROM PAGE 1

waste as a new feature at this year's Ford Arts, Beats & Eats festival.

The program will feature a collaboration with Forgotten Harvest, The Royal Oak Restaurant Association and participating Arts, Beats & Eats restaurants. More than 75 restaurants have made a commitment to the program, which will include a minimum of two large pans of food for local organizations that provide food to those in need, Odom

Nonprofits that are slated to receive the food donations include Capuchin Soup Kitchen, Detroit Rescue Mission, and Detroit Boxing Club.

Each night, Arts Beats & Eats festival team members, along with additional staff and volunteers from Forgotten Harvest, will pick up donations from throughout the festival and deliver them to a Forgotten Harvest refrigerated truck.

For the first time in the festival's history, Oakland Community College (OCC) joins Ford Arts, Beats & Eats through a strategic partnership to bring a variety of the school's visual and performing arts elements to life throughout the festival weekend.

OCC and its students will participate with special live performances, art exhibitions and cooking demonstrations for attendees to enjoy and learn, Odom said.

Specific events include a variety of theatrical performances on the OCC Acoustic Cultural Stage, to highlight the school's acclaimed Theatre Program.

OCC students will also bring a "taste" of the OCC Culinary school with stage presentations showcasing talents from sautéing to slicing and searing with complementary samples to

festival guests at the conclusion of each cooking exhibition, Odom said.

OCC students will also bring art to life, not only by displaying student works of art in painting, sculptures, photography, but they will also participate in artist demonstrations in the festival fine art portion of the fair throughout the Labor Day week-

Life Time will make its return to Ford Arts Beats & Eats with new classes all weekend long for festivalgoers to experience. Dance Jam fitness class will kick off from 8 to 9 p.m., Friday, Aug.

All fitness classes will be located at Main St. and Fourth St. and will require a \$10 minimum donation in order to participate with proceeds benefiting the Life Time Foundation and Ford Arts Beats & Eats festival. Life Time Foundation is committed to removing the seven most harmful ingredients that is fed to children, most commonly found in food provided by their school system.

The sponsors for the 2018 Ford Arts, Beats & Eats include: Ford, Southeast Michigan Ford Dealers, Soaring Eagle Casino & Resort, Barefoot Winery, Beaumont Health System, Budweiser, City of Royal Oak, Comcast, Detroit Shirt Company, Detroit Institute of Arts, DTE Energy, Flagstar Bank, Hansons Windows, Kroger, Leaf Filter, Lifetime Fitness, Made Detroit, Majic Window, MetroPCS, Michigan Lottery, Motor City Hot Tubs, Oakland County, Pepsi, Priority Health, Pure Leaf Ice Tea, Renewal by Andersen, Sprint, Tito's Vodka, US Park, WDIV-TV 4 and Window-

For additional public information on the festival, please visit artsbeatseats.com or call 248-

#### **Automotive Technical Consultant**

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"Never Give Up The Bones"

## Fiat Fans Got Together to Show Their Love of the Brand

**CONTINUED FROM PAGE 1** 

Club America's history, said FCA spokesman Bryan Zvibleman . A husband and wife even drove their 2017 Fiat 124 Spider crosscountry from Tacoma, Wash., to attend this year's festivities.

Created and executed by Fiat enthusiasts, the FFO event is a fun-filled, annual four-day event that rotates throughout the country, Zvibleman said. This year's event included driving tours throughout Disney properties and a scenic trip through orange groves and Florida's backwoods to the Lakeridge Winery.

Members were also treated to festive-themed meals, including a private dessert party at the Italy showcase in Epcot.

The main event was the Concorso Di Eleganza vintage car display, which was followed by a banquet and award ceremony honoring the best vehicles at the

The oldest vehicle that appeared in this year's Concorso Di Eleganza was a 1952 Fiat 500c Topolino. Other vehicles on hand included a 1977 Lancia Scorpion, 1984 Pininfarina Spider Volumex. 1986 Bertone X 1/9 Dallarlra, a highly modified 2008 Fiat 500 Abarth Meifestofile and an original factory-raced Fiat Abarth 131 rally car from the collection of John Campion.

A highlight of the gathering included the attendance of Anneliese Abarth, the wife and partner of the late Carlo Abarth, who served as the keynote speaker during the members annual banquet, Zvibleman said. As the widow of the legendary automotive designer, she carries on his legacy, actively representing Abarth at classic car events and international club meetings throughout the world.

"Each year, we strive for the Fiat FreakOut to be the best ever," said Doug Von Koenig, president of Fiat Club America. "And this year we achieved that goal by providing our members with a thrilling experience at Disney and having Anneliese Abarth on hand as our keynote speaker."

At the conclusion of the members banquet, the club announced that the 2019 Fiat Freak-Out will be held in Greensboro, N.C., July 10 -14.

Fiat Club America was founded in 1983 and has been loyally dedicated to the enjoyment of Fiat brand vehicles and other Italian

The club has local chapters holding regional shows and events.

The annual national convention called "Fiat FreakOut" was held Aug. 16-19 in Orlando, Fla. This event draws hundreds of Fiat and other Italian automobiles

and even more attendees. Fiat Club America maintains a website www.FiatClubAmerica.com and publishes "Ricambi," its official, full-color bi-monthly magazine, which includes memberwritten articles, adventure stories as well as technical tips and classified ads.



Fiat fans brought a wide variety of different cars from different eras to the recent "Fiat FreakOut" gathering that was held in Disney World.

## Detroit's AAM Won Award for Company's Driveline Tech

American Axle & Manufacturing of Detroit's QUANTUM lightweight driveline technology is the inaugural Future of Lightweighting Altair Enlighten Award

The award recognizes innovative ideas, processes, materials and technologies that have significant potential to support lightweighting initiatives, but have yet to be leveraged on a production vehicle platform, said AAM spokeswoman Andrea

"Scalable for most vehicle segments, OUANTUM allows for at least a 30 percent reduction in vehicle mass at the same torque capacity with increased power density. For example, in a heavyduty pickup, AAM QUANTUM nents and developing propricuts more than 100 lbs. in vehicle weight without any reduction in performance," said Phil Guys, AAM vice president and chief technology officer. "We are honored that AAM's QUANTUM Driveline Architecture is the 2018 Altair Enlighten Award's Future of Lightweighting winner.'

QUANTUM lightweight axles provide substantial advantages including reduced mass, increased power density, improved noise vibration and harshness (NVH) and efficiency gains in a more compact system package, Knapp said. AAM's engineers utilized system innovation to eliminate weight by combining functions of many compoetary lubricants that would increase system efficiency and durability.

QUANTUM can be adapted for use on virtually any size truck or passenger vehicle, Knapp said. AAM initially designed a QUAN-TUM lightweight beam axle for rear-wheel drive (RWD) vehicles such as pickup trucks but has expanded QUANTUM technology to include RWD and all-wheel drive (AWD) passenger vehicles, crossovers and SUVs.

OUANTUM beam axles are scalable and can be used on heavy-, medium- or light-duty RWD based pickups. It is up to 35 percent lighter and up to 30 percent more efficient when compared to a traditional axle.

With typical applications inpassenger crossovers and SUVs, QUANTUM RWD and AWD modules can be designed and built for multiple configurations and sizes, Knapp said. QUANTUM RWD and AWD systems are up to 25 percent lighter and up to 30 percent more efficient compared to a traditional axle for these segments of vehicles. QUANTUM AWD and RWD modules also have a reduced packaging size allowing OEMs space flexibility for other vehicle systems.

The annual Altair Enlighten Awards honor the greatest achievements in vehicle weight savings each year, Knapp said.



AAM's Enlighten Award

Inspiring interest from industry, policymakers, educators, students and the public, the award incentivizes automotive lightweighting advancements and provides a global platform to recognize and share technological achievements.

The Enlighten award is judged by an independent panel of automotive industry experts, academia and the engineering media who selected six winners from a field of 57 finalists this year while the future of Lightweighting award was chosen by 2018 CAR Management Briefing Seminars (MBS) attendees in Traverse City. MBS was held in early August.

### **Eaton Expert on EV Needs**

**CONTINUED FROM PAGE 1** 

experience and technical expert- challenges we see in electric veise in both our Electrical and Vehicle businesses make us uniquely positioned to help tackle these challenges with high-voltage distribution and protection technologies.

Today's electric vehicle architecture is not designed to handle increased power loads, leading to several unique challenges, Adams said. Fuses may blow either too early, for instance, causing system failure, or they may blow too late, leading to damaged components. Elsewhere, high voltage levels must be protected from external events, like a car accident

"Some of these issues are similar to those that were faced in the evolution of the electrical industry," said Adams, noting Eaton's decades of established leadership in providing solutions for some of the world's largest data centers, hospitals, factories and other areas where large amounts of electricity are consumed and uninterruptable pow-

er flow is critical. "Eaton is applying its electrical industry expertmuch more. Eaton's decades of ise to help solve some of the

> To those ends, eMobility is first developing "must-have" solutions that provide consistent, fast reaction times to protect against overload and short circuits; the consistent switching of rated current; the elimination of fuse fatigue; and the ability to handle 400-volt and higher power levels, Adams said.

And Eaton has more than 15 years of expertise in developing hybrid systems, with more than 15,000 HEV and PHEV systems on the road in the U.S., Europe, China and other Asia-Pacific markets. Eaton also has high-voltage. fast-acting fuses in nearly 50 percent of global electrified cars and power electronics on a leading European battery-electric vehicle platform, Adams said. With this experience, eMobility can confidently move forward in developing the necessary solution for a future where electric vehicles grow increasingly common-



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#### NHRA Dodge Hemi Challenge is Set For Aug. 30-31

A record-tying 30 drivers hailing from 17 states will gather at Lucas Oil Raceway at Indianapolis on Aug. 30-31 to fight it out in the NHRA Dodge Hemi Challenge, held during the historic NHRA U.S. Nationals, Aug. 29 -Sept. 3. The victor's Wally trophy will have even more of a "golden" luster this year, as 2018 also marks the 50th anniversary celebration of the Mopar-powered 1968 Dodge Dart and Plymouth Barracuda Super Stock cars that compete in the fan-favorite event.

The current field of entries, matching the largest in the event's 18-year history, will duke it out for the iconic, 42.6-lb NHRA Dodge Hemi Challenge trophy, created as a callout to the 426 Hemi engine, and the \$15,000 winner's purse. Three returning Indy Hemi Challenge champions will be among those vying for the win in the first event with Dodge as title sponsor, including twotime and defending champion James Daniels in his Dodge Dart, 2015 winner and Plymouth 'Cuda pilot Lloyd Wofford and inaugural 2001 HEMI Challenge race winner Bucky Hess.

Also joining the 22-year-old Daniels in the mix for the 2018 title will be last year's runner-up and New Brunswick, Canada, native Wendell Howes, one of three Canadian competitors who will run at Indy. Stephen Hebert, runner-up in 2016, will lead a crew of five drivers with Louisiana roots, the largest turnout from a single state, followed by three representatives each from Pennsylvania and Ohio. The "Fish" cars will have numbers on their side: 21 Plymouth 'Cudas will square off with nine Dodge Dart entries.

All NHRA Dodge Hemi Challenge competitors will be parked together in the Lucas Oil Raceway pit area. All drivers finishing in the top 16 will receive cash rewards. A parade of Hemi Challenge cars will take place Friday morning, August 31, before eliminations commence, with the final round to crown the 2018 champion scheduled for prime time on Friday night, just prior to NHRA Nitro qualifying.

The NHRA Dodge Hemi Challenge showcases Super Stock/A-HEMI (SS/AH) NHRA Sportsman class competitors battling on the quarter-mile in 1968 Mopar "package" cars, powered by the legendary 426 Hemi engine, nicknamed the "Elephant" engine for its size and power. The Dodge Dart and Plymouth Barracuda Super Stockers are one of the earliest and most iconic iterations of the purpose-built vehicles created at the factory.

### Ford to Issue **Recall Over**

ing the charging cords for more than 50,000 plug-in hybrid and electric cars in North America because they could cause fires in electrical outlets.

volt cords came with certain 2012 through 2015 Focus electrics and some 2013 through 2015 Fusion Energi and C-Max

Ford says plugging the cords into outlets that aren't on a dedicated circuit or are on damaged, worn or corroded circuits could cause wall outlets to overheat.

ports of four fires involving C-

Dealers will replace the cords with ones that can sense high temperatures and shut off charging if necessary. Owners will be notified by letters.





DETROIT (AP) - Ford is recall-2018 GREAT LEASE SPECIAL PRICE **LEASE FOR** The company says the 120-24 Mos.

**204 PACIFICAS AVAILABLE** 

Energi plug-in hybrids.

The company says it has re-Max cords, but no injuries.









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<sup>\$</sup>195

## The 2019 Sierra Denali is Hitting Showroom Floors Soon

The new 2019 Sierra set the new benchmark for capability, refinement and innovation when introduced earlier this year. Now. the GMC Sierra Denali is arriving at dealerships and strengthening GMC's position as the preeminent brand for premium truck

Denali is the flagship of the next-generation Sierra lineup, distinguished by iconic design cues and segment-leading technologies. It leads a broader, bolder range of precisely engineered trucks, including new AT4 and Elevation models, developed for the segment's most discerning customers.

"GMC ignited the premium truck market 17 years ago with the launch of the Sierra Denali and the next-generation model sets a new standard with unparalleled advancements and exclusive design," said Rich Latek, marketing director of GMC. "It offers more upscale appointments, purposeful technologies and capability - solidifying Denali as the ultimate in professional grade."

Along with its bold design and premium features, the next-generation Sierra Denali ups the ante in the segment with exclusive ride and handling and performance technologies designed to deliver a seamless balance of comfort, control and capability, Latek said. They include new Adaptive Ride Control and the most powerful V8 engine available in the class.

The new Sierra Denali is offered as a crew cab, with nearly 3 inches of additional rear-seat legroom compared to the previous model. That roomier cabin is trimmed with Denali-exclusive materials, including premium Forge leather-appointed seating, authentic open-pore wood trim and dark-finish aluminum decor.



2019 GMC Sierra Denali

its position as the most premium Sierra ever, with segment-leading technologies and exclusive features, including:

• GMC Exclusive, Industryfirst MultiPro Tailgate is the most innovative pickup tailgate ever, with six unique functions and positions offering enhanced second-tier loading and load-stop solutions, a standing workstation and easier access to items in the box, Latek said.

• GMC Exclusive, Industryfirst Carbon Fiber Pickup Box2. The CarbonPro offers best-inclass dent, scratch and corrosion resistance

• Segment-first Rear Camera Mirror gives the driver the option of using a traditional inside rearview mirror or a rearview camera mirror display that provides a wider, unobstructed view that can help overcome common visual obstructions such as occupants or cargo. This next-generation system features the ability for zoom and vertical tilt adjust-

Sierra Denali's exclusive Adap-

The 2019 Sierra Denali affirms tive Ride Control offers premium ride comfort with better road isolation and control than ever, Latek said. Through real-time monitoring of the road and driver inputs while accelerating, cornering, braking and trailering, the system's active dampers can be individually adjusted every 2 milliseconds, based on sensor feedback.

The new Traction Select System allows drivers to choose from preset available drive modes that have been tailored for different terrain or weather conditions. It adjusts Sierra's transmission shift points, throttle mapping and StabiliTrak to optimize performance for the situation. The system also reacts with the Adaptive Ride Control in Sierra Denali to further enhance the driving experience and refine the ride.

The available Traction Select system modes are:

• Tour: The default mode of operation at every start-up, Tour is designed to deliver the right blend of refinement and efficiency for everyday use.



2019 GMC Sierra Denali interior

• Sport: The transmission is eager to downshift in order to keep the engine in its peak powerband. Power steering assist is slightly reduced, making the steering feel more direct, communicative and sporty.

• Snow: Available only on twowheel-drive Sierras, Snow Mode optimizes Sierra's driveline for driving in wintry weather. In addition to leveraging Sierra's standard Traction Control and Stabili-Trak stability control systems, Snow Mode also provides a slower, less sensitive accelerator pedal calibration.

• Off-Road: Designed for use for higher-speed driving on nonpaved surfaces, Off-Road mode incorporates the same accelerator calibration as Snow Mode, giving the driver precise throttle control. Also incorporates unique StabiliTrak and traction control calibrations that allow for a little more wheelslip than on dry surfaces, in order to help carry momentum — important on gravel or in muddy situations.

• Tow/Haul: Modifies the transmission calibration so that

shift points are higher, allowing the engine to deliver peak power. It also initiates downshifts earlier in order to leverage engine braking and reduce wear on brake components. Tow/Haul also engages Grade Braking functionality so that on long, downhill stretches, a light touch of the brake pedal can initiate a downshift to slow the vehicle more efficiently.

The Autotrac 2-Speed Transfer Case, standard on Sierra Denali, offers a mechanical low range to provide amplified torque at low speeds - ideal for use on severe off-road terrain, slippery boat launches and in other low-traction situations.

Next-generation Sierra models, including the Denali, also feature a new electro-hydraulic power brake boost system rather than a conventional vacuum-assist system, for strong, smooth and consistent brake pedal feel when the bed is loaded or when trailering. The four-wheel disc brake system features larger-diameter Duralife brake rotors and larger brake pads for performance.



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### The Cadillac V-Performance Team Third in IMSA Race

team Whelen Engineering Cadillac finished third in the Aug. 5 running of the IMSA WeatherTech SportsCar Championship Continental Tire Road Race Showcase at Road America. The Konica Minolta Cadillac was fourth with the Mustang Sampling Cadillac coming to the checker in seventh.

The move of the race came early by the No. 31 Whelen Engineering DPi-V.R team just before the second caution of the race flew. They were able to get into pit lane transition from Eric Curran, who started, to Felipe Nasr and go from sixth place to the lead before the pits closed.

Then, 20-minutes later, Filipe Albuquerque in the No. 5 Mustang Sampling Cadillac DPi-V.R passed for second to trail his teammate making it a Cadillac one-two. The last 90 minutes of the race had the team strategist wearing out their laptops. The No. 10 Konica Minolta Cadillac led laps in the last hour hoping for a late race caution that didn't come.

The Cadillac teams were forced to pit late for a splash of fuel giving up track position. When the checker flew the top running Cadillac was the red Whelen Engineering car finishing in third.

"It was a lot of hard work done by all of the Whelen Engineering boys," said Nasr. "Eric (Curran) had a fantastic start and made up positions quickly. Unfortunately, he got hit in the back which caused us to lose a piece of the car.

The damage was pretty big so we lost the rear tires very quick-

Cadillac V-Performance Racing ly and it was all about changing the driving style, and it worked.We knew the problem and had to face it so we could make the best out of it. At some point we were looking good to win the race but it was a good points day and another podium which makes two in a row. I am super proud of all my Whelen guys and Eric. It was a good day.'

"We will take it," Curran said. "It looked like there could be a victory there today, but we will take a third-place finish in the Whelen Cadillac. It was a crazy race with a crazy start. We got tangled up and lost a part of the rear wing which caused us to lose downforce in the back which we fought all race long. My teammate (Felipe Nasr) did a killer job again today and ended up third. It was great points day and this Whelen Cadillac keeps winning podiums. The crew guys also nail the pit stops so it was good team work all day. It would have been nice to win but we will take third."

The No. 10 Konica Minolta Cadillac team took a gamble to get Jordan Taylor and Renger Van Der Zande track position that just didn't work out in the end for a podium spot.

"It was an up-and-down day," Taylor said. "Renger had a strong start and we were running third. And then a couple yellows threw the race into a twist, strategywise and some guys were able to take advantage of that and get ahead of us. We were sixth for the whole middle section and once we got to the last hour, hour and a half, it was all about strategy since we were kind of mid-pack."

### **BorgWarner Appointment**

Auburn Hills-based BorgWarner has promoted Tonit M. Calaway, the current Executive Vice President and Chief Human Resources Officer, to the position of Executive Vice President, Chief Legal Officer and Secretary effective immediately.

In her new role, Calaway will report directly to BorgWarner President and CEO, Frédéric Lissalde, and will oversee the Legal and the Reliability & Sustainability functions, said BorgWarner spokeswoman Kathy Graham.

"Tonit is a strong leader with experience," broad said Lissalde. "Her skills and perspective give me confidence she will continue to add tremendous value to BorgWarner."

Calaway joined BorgWarner in 2016, Graham said. Previously she worked at Harley-Davidson for approximately 18 years serving most recently as Vice President of Human Resources.



Tonit M Calaway

Prior to that she served in positions of increasing responsibilities in the Legal Department, including Assistant General Counsel. She has a law degree from the University of Chicago and a Bachelor of Arts from the University of Wisconsin-Milwaukee.







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### MCC, OCC Reach Agreement **About Credit Transferring**

with partner schools Oakland Community College (OCC) and Macomb Community College (MCC), has signed individual articulation agreements that will benefit students at all three schools.

The objectives of the agreements include helping transition qualified students from OCC and Macomb to OU in pursuit of School of Business Administration bachelor's degrees, said Sean Patrick, manager of Media Relations at MCC. The agree-ments are effective through July 31, 2021 and subject to review for continuation after the initial three years.

As of Aug. 23, Oakland University now allows a maximum number of 82 transfer credits from partner schools as part of this new articulation that can go towards a bachelor's degree. That number is up from the limit of 64 credits generally accepted for business degrees and should encourage students to complete their associate degree while saving on tuition costs as they prepare to transfer to OU in pursuit of their bachelor's degree.

"These articulation agreements will help ensure clear communication among all three schools, making degree paths more straightforward and achievable," Dawn Aubry, director of ment in our commitment to ex-

Oakland University (OU), along Undergraduate Admissions at OU said. "There will be increased efforts placed on course equivalencies that create far less need for re-taking of core or elective classes. That way, students can take advantage of the benefits offered by each school as they make progress towards graduation with both an associate's and bachelor's degree."

For adult learners, time-todegree is extremely important, Patrick said. A robust articulation agreement is the shortest route to completing the degree. With the agreements, students are only paying for courses they need. If students know they want to earn a four-year degree, the entire plan is laid out for them so they know the endpoint when they sign up for their first course at the two-year community college.

"It is not business as usual to have three higher education institutions working collaboratively in this highly competitive environment," said Dr. Cathey Maze, vice chancellor for Academic Affairs at OCC. "Today's signing is the culmination of work by all three institutions to facilitate a seamless transfer for our business students so they may pursue a bachelor's degree. By coming together and empowering our students in this way, we provide a pathway to greater achieve-



William Tammone, provost was a featured speaker at the articulation agreement between MCC, OCC and OU.

cellence in education, student success and economic growth of our region."

"Collaboration among colleges and universities amplifies the strengths of each institution while leveraging resources and impact for our students and communities," said Kevin Chandler, dean, University Relations, MCC. "Streamlining the path from associate to bachelor's degree in business supports degree completion, positions our students for in-demand career opportunitain and grow local business and industry, and contributes to regional economic prosperity."

These articulations focus on business-related majors as students seek bachelor's degrees in accounting, finance, business economics, general management, human resources management, marketing, operations management and management informa-

ties, develops vital talent to sus- tion systems. However, Aubry added that the schools will work on expanding articulation agreements to include other majors in the future.

MCC and OCC students consistently make up the largest numbers of transfer students to Oakland University. In 2017, 55.7 percent of incoming transfer students were from the two schools and maintained a 3.2 GPA.

### Volkswagen Buys All-EV Car Share

FRANKFURT, Germany (AP) -Volkswagen says it's launching an all-electric car sharing service in Berlin using its battery powered Golf and Up! models as it seeks to build a business serving people in big cities who don't

The company said Aug. 23 that it planned to expand its We Share project to big cities in Europe

and North America by 2020.

Volkswagen said it would deploy 2,000 of the compact cars in the first months of next year to build visibility and ensure that there are enough cars available that customers could always find one near them.

It said Berlin was ideal because it was big and densely populated.



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Location: Courtyard by Marriott Detroit Warren (30190 Van Dyke Ave., Warren, MI 48093)

#### WEDNESDAY, SEPT. 12, 2018 -

Meeting 1: 7:00 - 7:50 a.m. (breakfast included) Meeting 2: 11:30 a.m. - 12:20 p.m. (lunch included)

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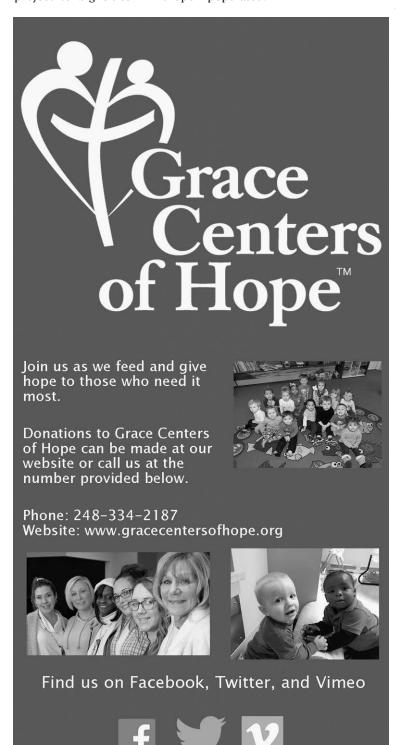
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#### Japan's Auto **Industry Helps** U.S. Economy

TOKYO (AP) - President Donald Trump's tariff policies reflect a serious misunderstanding of the importance of free trade and Japanese companies' contributions to the U.S. economy, Japan's trade minister said Aug

Hiroshige Seko, the minister of economy, trade and industry, warned in an exclusive interview with The Associated Press that Tokyo might take action if the U.S. fulfills threats to levy a 25 percent tariff on Japanese auto imports. He gave no details but didn't rule out retaliatory tariffs.

"Japanese automakers are a major contributor to the American economy," Seko said in the interview at his ministry office in Tokyo. "If the Japanese auto industry is weakened, it will not be able to invest in the U.S.'

Seko also expressed worries about the escalating trade dispute between the U.S. and China, and said such moves threatened the entire global economy. Both sides imposed additional tariffs on billions of dollars of each other's automobiles, factory machinery and other goods Thursday.

"This works as absolutely no plus for the world economy, and Japanese companies are shipping parts to China to finish them as products there that are exported to the U.S., and the effects are already being felt," he said. "Ultimately, it will hurt the U.S. and Chinese economies."

Seko said he empathized with Trump's "feelings" of worry over the ballooning U.S. trade deficit. But he said Prime Minister Shinzo Abe and other Japanese officials have been patiently trying to persuade Trump that Japanese do not products pose a security threat to the U.S.

The annual U.S. trade deficit with Japan totaled more than \$68 billion last year. The U.S. deficit with China was nearly \$376 billion.

Trump should not blame Japan, Seko said, because the U.S. deficit with Japan today reflects years of effort by Japan to create thousands of jobs in the U.S., many of them lucrative in the auto industry, and become a major investor in the U.S.

Seko said tariffs imposed on Japanese exports of steel and aluminum, which have already kicked in, are expected to have a minimal impact on Japan because its steel mills specialize in high-end products difficult to replace that have been exempted from the tariff hikes.

#### **Tesla's Battery Plant Help With** Nevada Jobs

RENO, Nev. (AP) - Tesla added more than 800 employees and \$459 million in capital investment at the giant factory in Nevada that manufactures batteries for its electric cars during the fourth quarter of last year.

The Reno Gazette-Journal reports the latest tax incentive audit from the Nevada Governor's Office of Economic Development shows private spending surged past the benchmark needed to ensure Tesla's state tax breaks.

The fourth quarter additions brought employment to nearly 3,250 and capital spending to \$3.7 billion.

The state set the minimum capital investment benchmark at \$3.5 billion in 2014 when the Legislature approved a subsidy package of \$1.3 billion over 20 years to draw Tesla to Nevada.

The investment needs to reach about \$10 billion for the factory to qualify for the entire amount.





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The 2019 Tahoe and Suburban Premier Plus Special Editions have reached local Chevy dealerships.

### Suburban, Tahoe Special Editions are Here

It's nice to be popular. Due to customer demand, Chevrolet is expanding the availability of the 6.2L V8 engine within its full-size SUV lineup by introducing the Tahoe and Suburban Premier Plus special editions, said GM spokesm Phil Lienert.

The 6.2L V8 was first made available in the Chevy full-size SUV lineup on the 2018 Tahoe RST 6.2L Performance Package, Lienert said. The engine recently debuted on the 2019 Suburban RST 6.2L Performance Package, which is now on sale at Chevrolet dealerships nationwide.

All Premier Plus edition Chevy full-size SUVs, as well as RST Premier models with the optional 6.2L Performance Package, also feature Magnetic Ride Control with performance calibration and a Hydra-Matic 10-speed automatic transmission.

"Our customers have shown strong demand for both Tahoe and Suburban with the 6.2L V8 option," said Sandor Piszar, director of Chevrolet Trucks Marketing and Advertising. "Thirty-six percent of all Chevy full-size SUV special edition models are now sold with this engine. Premier Plus

gives both Suburban and Tahoe customers another option to choose from with several added premium touches.'

The 2019 Tahoe and Suburban Premier Plus editions feature a unique interior with heated and ventilated Black/Mahogany-colored leather-appointed front seats against a Jet Black trim surround, Piszar said. This premium two-tone interior and 22-inch polished wheels make their first appearance in Chevy's full-size SUV lineup with the Premier Plus special editions.

Other features include gold Chevrolet "bowtie" logos, chrome nameplate badging, a head-up display and 8-inch diagonal cluster, cross rails, chrome power steps and exhaust tip and a Chevroletbranded cargo organizer.

Connectivity is provided by a standard 4G LTE Wi-Fi1 hotspot, and the Premier Plus package includes a 12-month data plan.

The available 6.2L V8 is capable of 420 horsepower and 460 lbft of torque. The engine delivers three state-of-the-art technologies direct injection, Active Fuel Management and continuously variable valve timing - to make the most of power, torque and efficiency across a broad range of operating conditions, Lienert said.

The 10-speed automatic transmission offers smaller steps between each ratio to maximize engine power under acceleration. With a wide 7.39 overall gear ratio spread and lower numerical top gear ratio, the transmission also reduces engine revolutions at highway speeds.

Magnetic Ride Control is an active suspension that "reads" the road every millisecond, triggering damping changes in the electronically controlled shock absorbers in as few as 10-15 milliseconds. As a result, the suspension delivers improved body-motion control during cornering and a more comfortable ride while cruising, Lienert said

The 2019 Chevrolet Tahoe Premier Plus will start with an MSRP of \$74,100 plus a \$1,295 destination charge, while the 2019 Chevrolet Suburban Premier Plus will start at \$76,900 with a \$1,295 destination charge. (MSRP excludes tax, title, license, dealer fees and optional equipment.)

Both Premier Plus full-size SU-Vs are also available to Costco members at GM supplier pricing with a \$4,500 Costco member incentive. Costco Gold Star and Business Members who purchase the vehicle through participating dealers and complete a Costco Auto Program survey are also eligible for a \$300 Costco Cash Card, while Executive Members are eligible for a \$700 Costco Cash Card.

The exclusive Costco member value package is only available on 5,000 vehicles. Costco offer is not compatible with any other GM incentives. To qualify, customers must be a member by Oct. 1, and take delivery between, Oct. 2, and Jan. 2, 2019.

The 2019 Tahoe and Suburban Premier Plus can be ordered from Chevrolet dealers now, with production beginning in mid-August.

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### Drinking, Driving Don't Mix

The end of the summer is traditionally marked by the Labor Day holiday and is a time for friends and families to enjoy pool parties, backyard barbecues and other activities.

Sadly, the Labor Day holiday weekend is also one of the deadliest times of the year in terms of drunk-driving fatalities, said Michigan State Police spokeswoman Kendall Wingrove.

forcement officers from police departments, sheriff's offices, and the Michigan State Police are partnering with the Office of Highway Safety Planning (OHSP) to get drunk drivers off the road and save lives during the national enforcement campaign Drive Sober or Get Pulled Over which runs from Aug. 17-Sept. 3.

During this period, increased state and national messages about the dangers of driving impaired, coupled with extra enforcement and increased officers on the roadway, aim to drastically reduce drunk driving, Wingrove said.

"Families suffered tragic consequences throughout the year because drivers made the wrong choice to drive drunk," said Michael L. Prince, Michigan Office of Highway Safety Planning (OHSP) director. "The law enforcement officers participating in this campaign are dedicated to addressing these tragedies. We need people to understand - it's up to them to make the smart decision to drive sober."

Over the 2017 Labor Day holiday period, in Michigan, 15 people died in traffic crashes. Of the 15 people killed, more than a quarter, 26.6 percent, involved alco-

In Michigan, it is illegal to drive with a blood alcohol concentration (BAC) of .08 or higher, although motorists can be arrested That is why this year, law en- at any BAC level if an officer believes they are impaired. Motorists face enhanced penalties if arrested for a first-time drunk driving offense with a .17 BAC or higher. Anyone that refuses a breath test for the first time is given a one-year driver's license suspension. For a second refusal within seven years, it is a twoyear suspension.

A total of 359 people died in 320 alcohol-involved traffic crashes in Michigan in 2017 - the highest number of fatalities from alcoholinvolved crashes since 2006. During last year's Drive Sober or Get Pulled Over enforcement, officers arrested 310 motorists, of which 62 were charged under the state's high BAC law with a BAC of .17 or higher.

The Drive Sober or Get Pulled Over campaign is supported with federal traffic safety funds provided by the U.S. Department of Transportation and the National Highway Traffic Safety Administration and coordinated by the OHSP.



SUMMER Won't Last Forever... and Neither Will These DEALS!

### **2018 EQUINOX "LT"**



Sale Price: \$24,999\* Was \$29,740

- Color Touch Screen Radio!
- Remote Keyless Entry and Start!
- Rear Vision Camera!
- Front Heated Seats!
- Dual Zone Climate Control!
- Aluminum Wheels!
- Power Liftgate!
- Side Blind and Rear Cross Traffic Alerts! Stock# 2J3913

#### *24 MONTH LEASE*

**NO Employee** Discount

Power Sunroof!

Power Driver's Seat!

Heated Front Seats!

Stock#J41066

BOSE Premium Speakers!

Remote Keyless Entry and Start! Rear Vision Camera!

**\$999** Down

NO Security Deposit required. Tax, title and plate fees extra.

2018 CRUZE "LT"

#### 2018 MALIBU "LT"



- Color Touch Screen Radio!
- Remote Keyless Entry and Start!
  Rear Vision Camera!
- USB Charging Port!
- Aluminum Wheels!
- Bluetooth for Phone! Stock# J43590

*24 MONTH LEASE* 

Was \$27,150 Sale Price: \$20,799\*

\$999 Down



Was \$24,970

Sale Price: \$18,599\*

*24 MONTH LEASE* 

\$999 Down equired. Tax, title and plate fees extra

The Best Price...

2018 SILVERADO "LT" 4x4 DOUBLE CAB



Sale Price: \$31,999\* Was \$42,170

- 285HP V6 Engine!
- GM Bed Liner INCLUDED!
- Color Touch Screen Radio!
- Steering Wheel Radio Controls!
- Remote Keyless Entry!

- Aluminum Wheels! Stock# J45943

#### 24 MONTH LEASE

**\$999** Down

NO Security Deposit required. Tax, title and plate fees extra.

#### 2018 COLORADO "LT" 4x4 CREW CAB



- 308HP V6 Engine!
- Color Touch Screen Radio!
- Remote Start and Entry! Trailering Package!
- Locking Rear Differential!
- Sliding Rear Window! Stock# J45744

Was \$36,390 Sale Price: \$30,399\*

\$999 Down equired. Tax, title and pl

#### 2018 TAHOE "LT" 4x4



- Luxury Package / Leather Seats / Push Button Start!
  - Color Touch Screen Radio with Navigation!
  - Power Sunroof!
  - Rear Power Liftgate!
  - 20" Polished Aluminum Wheels!
  - Trailering Package! Stock# J46026

Was \$64,640 Sale Price:

\$53,699

\$999 Down
NO Security Deposit required. Tax, title and plate fees extra

We NEED Your Trade... We'll Give You \$1000 OVER Kelley Blue Book... GUARANTEED!\*



The Best Price... PERIOD! **RICH MILNE** DAVID BERCEL JR. rmilne@moranautomotive.com dberceljr@moranautomotive.com

**SHOWROOM HOURS:** 

Monday Tuesday Wednesday **Thursday** Friday

8:00 AM - 9:00 PM 8:00 AM - 6:00 PM 8:00 AM - 6:00 PM 8:00 AM - 9:00 PM

8:00 AM - 6:00 PM

791-1010

35500 S. Gratiot Avenue... North of 15 Mile Clinton Township FIND NEW ROADS

\*Pictures may not represent actual sale vehicle. All applicable incentives including bonus cash, bonus tags, competitive brand, lease conquest and/or lease loyalty offers have been deducted from Sale Prices/Payments and are subject to change by the manufacturer without notice and are plus title, tax, plate and CVR fees and were valid at time of printing. 6M Employee discount require except where noted. Leases are 10,000 miles per year. Disposition fee may be required at lease turn in. \$1000 over Kelley Blue Book trade-in offer on 2005-2015 vehicles in drivable condition. No salvage or branded titles. Certain restrictions apply, see dealer for complete details on all incentives/offers. Sale ends 8/31/2018 @ 6:00PM.









WE ARE PROFESSIONAL GRADE 2017 DEALER OF THE YEAR AWARDED BY GENERAL MOTORS CORPORATION

2018 GMC SIERRA 1500 SLE 2018 GMC CANYON SLE



**\$28,947**°

\$137\* 24<sub>MINTH</sub> \$999

2019 BUICK ENVISION

2018 GMC ACADIA SLE1 \$**26,557** 

\$217\* 36,

**2018 GMC YUKON SLE** 



\$**24,477** 

**2018 GMC TERRAIN SLE** 

BUICK 2016 BUICK DEALER OF THE YEAR • 2016 BUICK DEALER OF THE YEAR • 2016 BUICK DEALER OF THE YEAR



\$29,497 \$97\* | 24<sub>MONTH</sub> | \$999  2018 BUICK CASCADA \$30,497

2018 BUICK ENCLAVE \$35,579

\$217\* PER MONTH | 24 MONTHS | \$999 DOWN

2018 BUICK REGAL



\$217\*PER | 36MONTHS | \$999 DOWN

**SHOWROOM HOURS:** MON. & THURS. 8:30AM-9PM **TUES., WED. & FRI. 8:30AM-6PM** 

**VISIT OUR WEBSITE: edrinke.com** 

We'll give you a \$3,500 minimum for your 2003 or newer trade in. See us for your GM Employee purchases.

26125 VAN DYKE AT 10 1/2 MILE ROAD

Now looking for experienced salespeople to join our team!

All prices and payments include GM rebates. Pictures may not represent actual vehicle. Pricing subject to change per GM incentives. Prices and payments are inclusive of active GM employee discount (unless otherwise stated). Must have GM Employee discount and lease loyalty. All leases are 10,000 miles per year with approved S Tier credit. All Vehicles shown are \$999 down unless otherwise stated. Disposition Fee may be required at vehicle turn in. Must have lease loyalty or lease conquest vehicle in household on certain models. Prices and payments are plus tax, title, plate, doc fee, refundable security deposit required on certain vehicles—to be determined by lender. 2019 model year vehicles are priced and discounted at supplier discount. Pricing includes Ed Rinke bonus cash, while supplies last.\*\*\$3,500 trade in is valid on 2003 or newer vehicles w/ under 115k miles in drivable condition, no branded titles, reconditioning determined by appraiser. Certain restrictions may apply, see dealer for complete details. Volt is a former countesy vehicle\* Exp date: 22/7/2018.





### GIVE YOU A \$3,500 MINIMUM FOR YOUR 2003 OR NEWER TRADE IN



2018 CHEVY SILVERADO 1500 LT DBL CAB \$127\* PER MONTH OR \$31,607\* **PURCHASE FOR** 40NTHS \$999



\$**97**\*<sub>PER MONTH</sub> OR \$19,607 24<sub>MONTHS</sub> \$999<sub>DO</sub>



PURCHASE FOR \$267\* PER MONTH OR \$24,737 \$999<sub>00</sub>



36<sub>MONTHS</sub> \$999<sub>DO</sub>



\$107\* OR \$16,377



\$117\* PER MONTH OR \$14,777 \$999<sub>DOWN</sub>



\$127\* PER MONTH OR \$24,197 <sub>тнз</sub>\$999<sub>00</sub>



COURTESY VEHICLE 227\* PER MONTH OR \$29,947\* 36<sub>MONTHS</sub> \$999<sub>DOWN</sub>

### GM CARD TOP OFF UP TO \$3,000 • NO APPOINTMENTS NECESSARY FOR OIL CHANGES



Certified Service

**GM SERVICE CENTER** 

**MICHIGAN'S LARGEST • SERVICE DEPT. • PARTS • BODY SHOP** 866-452-1547

26125 Van Dyke @ 101/2 Mile • Center Line, MI 48015

Fluid Level, Brake & Alignment Check Included.

Certified Service We use Genuine GM Oil & Filter No additional or hidden charges. Out the door pricing. Open Mondays & Thursdays until 8:30pm

Most GM cars & trucks. One coupon per customer.

Must present coupon with order. Plus tax. Expires 8-31-18.

SERVICE HOURS: Monday & Thursday 6:30am-9:00pm; Tuesday, Wednesday & Friday 6:30am-6:00pm • Shuttle at 6:30am - Pick-up Both Ways • All Day starting at 6:30am.



See us for your GM Employee purchases. Now looking for experienced salespeople to join our team!

26125 VAN DYKE AT 10 1/2 MILE ROAD









FREE OIL CHANGE With Each Major Repair

**WE REPAIR ALL MAKE & MODELS** 

Certified Service

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**INSURANCE** NRECK AMENDED

TRANSPORTATION

AVAILABLE



/ FIND NEW ROADS SHOWROOM HOURS: MON. & THURS. 8:30AM-9PM / TUES., WED. & FRI. 8:30AM-6PM

All prices and payments include GM rebates. Pictures may not represent actual vehicle. Pricing subject to change per GM incentives. Prices and payments are inclusive of active GM employee discount (unless otherwise stated). Must have GM Employee dis lease loyalty. All leases are 10,000 miles per year with approved S Tier credit. All Vehicles shown are \$999 down unless otherwise stated. Disposition Fee may be required at vehicle turn in. Must have lease loyalty or lease conquest vehicle in household or models. Prices and payments are plus tax, title, plate, doe tege. Fetural have been to be determined by lender. Pricing includes Ed Rinke bonus cash, while supplies last.\*\*\*\*135,500 trade in is valid on 2003 or newer v w/ under 115k miles in drivable condition, no branded titles, reconditioning determined by appraiser. Certain restrictions may apply, see dealer for complete details. Volt is a former courtesy vehicle\*\* Exp date: 8/27/2018.

CHEVROLET

