# Tech Center News.

WARREN, MICHIGAN

VOL. 39 NO. 28

**Covers the Tech Center and the Immediate Area** 

**MARCH 16, 2015** 

## Malibu Endures Punishment, Weathers Extreme Heat, Cold

cally for the North American market, GM spent a lot of time looking at vehicles from around the world.

Data collected over decades from across the globe is helping ensure that the 2016 Chevrolet Malibu can handle the world's worst roads, even if the new midsize sedan never drives on them, said GM spokesman Chad Lyons.

Data collection boxes are placed in cars in real-world driving conditions around the world, Lyons said. Since 1972, these devices have accurately recorded the harshness and frequency of every jounce, bump and shudder inflicted on the car on roads in the U.S., Russia, Saudi Arabia and developing markets.

Although most Malibu owners will never put their car through similar abuse, we test all new vehicles in extreme climates, inclement weather and on punishing road surfaces," said Dan Devine, Malibu validation engineer. "The 2016 Malibu is definitely up to these challenges."

Tests like these ensured the current generation Malibu was dependable and durable, Devine said - two qualities that in turn helped Malibu stand out from its rivals in important quality sur-

To build a car designed specifiveys, such as J.D. Power's Initial Quality Study and Vehicle Dependability Study.

> General Motors engineers analyze the data to calculate the precise amount of damage potholes and other hazards create over 150,000 miles.

Then the conditions are replicated at GM's Milford Proving Ground on three unique road courses, each riddled with simulated potholes of increasing severity. Engineers run preproduction cars through the course up to hundreds of times.

Additional validation and development tests include logging more than 1.5 million miles of



2016 Chevrolet Malibu undergoes testing at Tech Center Tunnel.

driving in controlled environments and on open roads.

Devine said the 2016 Malibu also endured some harsh weather through drives in scorching Yuma, Ariz. – which averages 107 degree temperatures in July and sub-zero cold of Northern

Canada - which averages a low of -13 degrees in January.

At the GM Tech Center in Warren, the Malibu put in several hours in the Climatic Wind Tunnel, Devine said, where tem-

**CONTINUED ON PAGE 3** 

## **GM Plans to Buy Back \$5 Billion in Stock**

DETROIT (AP) - General Motors agreed to buy back \$5 billion in stock by the end of next year as part of a plan to return more cash to shareholders. In return, an activist shareholder decided to drop a potentially divisive bid for a seat on the company's board.

The move, announced March 10, is part of a deal with Harry Wilson, a former member of the federal government task force that restructured GM coming out of its 2009 bankruptcy.

Wilson, who represents four hedge funds that own about 2 percent of the company, had previously accused GM of hoarding cash to the detriment of shareholders and had sought an \$8 billion buyback and a board seat.

But on March 10 he said he was impressed at how quickly GM's management responded, adding that the company agreed to just about everything the funds wanted.

"We basically said thank you," Wilson said.

GM had \$25.2 billion in cash at the end of last year, part of what it called a "fortress balance sheet" designed to withstand another financial crisis. Going forward, the automaker plans to maintain a cash balance of \$20 million and aims to keep its investment-grade credit rating.

The share repurchase will be-

CONTINUED ON PAGE 6

#### **Warren Marine Dies in Crash**

WARREN (AP) - The sister of a Marine aboard a helicopter that crashed during training off the Florida panhandle says he was killed in the wreck.

Brandy Peek told The Associaed Press March 12 that military officials have identified 27year-old Marcus Bawol from remains recovered after the crash.

Bawol graduated from Warren Mott High School.

Peek said her brother "loved everything about the military and "wanted to fight" for his-

Two helicopters started out on the training mission, but the weather was bad enough that one turned back.

They were carrying warriors from the Marine Special Operations Command, similar to the Army's Green Berets and the Navy's SEALs.

Warren Mayor Jim Fouts has ordered city flags flown at halfstaff to honor the death of Bawol.

Bawol was on the varsity soccer team as a junior at Mott High School and was described as being "really well liked by his peers."

"My policy is to honor any Warren soldier killed while our country," serving Fouts.

## **Autonomy in Cars Proposed** To Help Self-Flying Aircraft

by Jim Stickford

The advent of the autonomous car is creating great opportunities for Michigan's aerospace in-

Gavin Brown, executive director of the Michigan Aerospace Manufacturers Association (MAMA) said that the technologies of the automotive industry and the aerospace industry are converging.

"Today's aerospace industry isn't just traditional fixed-wing aircraft." Brown said. "These days we're talking about unmanned autonomous craft. And that's where aerospace and automotive technologies are converging.'

Just as the auto industry is spending billions on the autonomous car, the aerospace industry is investing a lot of money into creating flying craft that can travel routes on their own, Brown said. He added that vehicle-tovehicle communications between cars is growing and this technology can also be used for vehicle-to-vehicle communications between flying craft.

The wealth of engineering talent located in southeast Michigan is tremendous," Brown said. "That makes it possible to create a ground-zero for a new industrial base in terms of developing an industry that combines automotive and aerospace technologies.'

This base, Brown said, would hopefully extend beyond just engineering. It would include manufacturing. Fortunately, he said, Michigan also doesn't lack for talent in the development of manufacturing systems.

Autonomous flying craft -Brown and his colleagues don't like the term "drone" because of its martial connotations - extend beyond Amazon using them to deliver small packages.

"In Africa, for example, there are places that aren't easily accessible by road," Brown said. "Having autonomous flying craft that could make deliveries of medicine and other basics would be of tremendous benefit.'

Brown said that MAMA's mission started in 2007 and the organization has been based in Sterling Heights since 2012. The group held a meeting on March 9 so its members could interact, network and just see what they were all doing.

"Michigan has greater aerospace resources located in the state than people think," Brown

"There are about 300 aerospace companies that employ more than 5,000 people in the



Gavin Brown of MAMA in front of Michigan-made helicopter

state. Right now, we have an opportunity to help create a future for Michigan that is a little less auto-centric."

Brown cited Enstrom, a people. Menominee-based manufacturer of helicopters, as an example of a Michigan-based company in the aerospace industry. Its president, Tracy Biegler, is a member of MAMA and was at the March 9

"We're a small company," Biegler said. "We're one of five helicopter manufacturers in the U.S. and we employ about 250

"Our helicopters cost between \$550,000 and \$1.2 million. Our product is in the low-end part of the helicopter market. They're 'off-the-shelf' vehicles."

And by working with others in the state, Enstrom can see what's going on in the industry as a whole and stay on top of the latest technology, Biegler said.

The company got its start when its founder, Rudy Enstrom, a mining engineer in the Upper Peninsula, built a helicopter in his basement in the 1940s. In the 1950s, local people got together and pooled their resources to

CONTINUED ON PAGE 4



2.3L Ecoboost

## Ford EcoBoost Engines Now Built in U.S.

Ford began the official production start of the new twin-scroll 2.0-liter and 2.3-liter EcoBoost engines for North America at its Cleveland Engine Plant on March

This marks the first time these engines are being produced in the U.S., said Ford spokeswoman Kristina Adamski.

The twin-scroll 2.0-liter Eco-Boost engine is available in the new Ford Edge, launching in first quarter of 2015, Adamski said. The 2.3-liter EcoBoost engine is

available in the new Ford Mustang, Explorer and Lincoln MKC.

With more than 4 million Eco-Boost-powered vehicles on the road today, Cleveland Engine has been at the forefront of our plan to provide our customers with fuel-efficient, affordable engines," said Bruce Hettle, Ford vice president of North America Manufac-

"The hardworking team at Cleveland Engine," he said, "is proud to build two of the most technologically advanced

engines on the market today." In 2013, Ford invested nearly \$200 million and added 450 new jobs to support production and rising consumer demand for the

gines regionally to help optimize production capabilities around the world. Production of the twin-scroll

EcoBoost engine. The company

made the move to assemble en-

2.0-liter and 2.3-liter EcoBoost engines for North America were

**CONTINUED ON PAGE 4** 

#### **Tech Center News**

31201 Chicago Road South Warren, Michigan 48093

586-939-6800

Contact us: Info@TechCenterNews.com

Deadline: Thursday 5:00 p.m. for the next edition of Monday

William Springer II, publisher Lisa A. Torretta, operations Jim Stickford, news

Tech Center News is a trademark of Springer Publishing Co., Inc.

www.TechCenterNews.com

#### Warren Library **Teaches How to** Trace Ancestory

The Arthur Miller branch of the Warren Public Library is holding a special "Introduction to Genealogy" class on Thursday, March 19, 9:30-11 a.m.

Those attending will be able to learn where to start tracing their family tree with free tools available through the library," said Warren librarian Marne Kroening. "Topics will include the basics of searching, using HeritageQuest, Ancestry Library Edition and researching census, vital and military records.

Kroening said that those wishing to attend the event should know this is a basic beginners class; however, more advanced searchers are welcome.

Warren librarian Cyndi Cnecht will be teaching the class. It is suggested that those attending bring a notebook to record what is taught.

"At the end of the class, Ms. Cnecht will have time to answer a few questions," Kroening said. "There is no charge for attending. We've held this class before and it's proved popular with the public so we decided to bring it back. People have said they've wanted to trace family history and now they can learn how."

The Miller Branch Library is located at 5460 Arden in the Warren Community Center (between 14 Mile and Chicago roads, west of Mound). For more information, call 586-751-5377.

## Fiat Chrysler's Power Cars Star in New 'Fast & Furious' Film

When it came time to put the pedal to the metal, the producers of the "Fast & Furious" movies chose Dodge.

"These films are about speed," said Fiat Chrysler spokeswoman Eileen Wunderlich. "And Dodge cars and the performance they bring are perfect for these films and these movies really show just what the Dodge brand can do. And, it's just exciting to be a part of a really fun and successful movie franchise.'

Dodge, which has been a part of the blockbuster "Fast & Furious" franchise since its inception, has entered into a promotional partnership with Universal Pictures for "Furious 7."

Dodge also is in a first-ever partnership with Atlantic Records on music videos that support the label's "Furious 7: Original Motion Picture Soundtrack.'

The movie is in theaters April 3 and the music videos are available starting March 17 and are available now for pre-order at http://smarturl.it/furious7.

As part of Dodge's partnership with Universal, the brand has provided the film with:

- a Candy Red 2015 Dodge Charger, driven by Dominic (Dom) Toretto (Vin Diesel) in various chase scenes throughout "Furious 7":
- · a Sublime Green-and-Black 2015 Dodge Challenger R/T driven by Letty Ortiz (Michelle Rodrigues), and
- an armored 2015 Jeep Wrangler Unlimited driven by Tej Parker (Chris "Ludacris" Bridges).

All three cars play prominent roles in the movie.

In all, Fiat Chrysler provided nearly 30 vehicles for the movie production for use in front of and behind the camera, Wunderlich

Many high-performance Dodge vehicles - including the 707-horsepower Dodge Challenger SRT Hellcat and Dodge Charger SRT Hellcat, 645-horsepower Dodge Viper GTS and other new and vintage Dodge vehicles - are featured in music videos Atlantic is releasing in support of its original movie soundtrack album.

"Fast Dodge cars, adrenaline-

filled action and heart-pounding music have fueled the 'Fast & Furious' movie franchise," said Olivier Francois, chief marketing officer, FCA Global.

"For the first time, Dodge is broadening its long-time partnership with an innovative new Atlantic Records collaboration that truly expands the power and reach of the 'Fast & Furious' franchise and provides a natural extension for showcasing Dodge's most powerful new performance vehicles to movie, music and car enthusiasts everywhere."

Dodge will support its promotional partnership with Universal with a multi-tier marketing initiative that includes television spots for the U.S. and international markets, social media and digital marketing campaigns, and a special 'Furious 7' landing page on the brand's website, Wunderlich said.

Dodge created new television commercials to promote "Furious 7," including a national spot that debuted March 9, featuring the 2015 Dodge Challenger.

In addition, television spots featuring the 2015 Dodge Charger will air in the Middle East and ones featuring the 2015 Jeep Wrangler will air in other international markets. All ads include clips from the movie and new vehicle footage.

Wunderlich said it's difficult to measure just what impact any individual marketing effort has on overall Dodge brand sales.

"Sales are influenced by so many things," Wunderlich said. "There's advertising on TV, on the Internet, in magazines. There's product placement like this. There are articles in buff books and magazines. It all plays a role. But being a part of this movie series certainly doesn't hurt Dodge."

The "Flash to the Future" national spot opens at a Dodge dealership with a customer walking up to and getting into a Dodge Challenger R/T.

As he admires the interior and gets a feel for the Challenger, he suddenly is launched into a highoctane, aggressive, intense fantasy of the "Furious 7" world, which includes an action-packed



Sublime Green-and-Black 2015 Dodge Challenger R/T featured in film

scene from the movie.

The spot cuts back to the reality of the customer at the dealership and closes with a voice-over saying, "It's not Fast & Furious without a Dodge.

The spots were created in partnership with full-service advertising agency, Doner.

Fans can check out the www.dodge.com/en/furious-7 website to explore the muscle behind the movie and find out more about the "Furious 7" good guys, bad guys and cars.

The site includes movie stills and information about the Dodge Challenger SRT Hellcat, Charger SRT Hellcat, Charger R/T Scat Pack and Charger 392 Hemi Scat Pack Shaker.

In the weeks leading up to the soundtrack album's debut, Atlantic has been releasing a series of exclusive singles from artists such as Kid Ink, Y.G., Wale,

Tyga & Rich Homie Ouan's "Ride Out," T.I. & Young Thug's "Off Set" and Prince Royce's "My Angel."

In an exclusive partnership with Dodge, current and vintage Dodge vehicles are featured in the music videos.

A special "See You Again" video features six Dodge vehicles, including the Sublime Green-and-Black 2015 Challenger from "Furious 7."

Detroit automakers and Hollywood have a history of working together. Last year's "Transformers 4" film by Michael Bay made heavy use of General Motors vehicles and facilities.

Some scenes were filmed at GM's Milford Proving Ground and even chief GM designer Ed Welburn saw his office used as a set. In this case, it was turned into the office of the head of the

#### **GM Death Count Reaches 64**

DETROIT (AP) - Families of at least 64 people killed in crashes caused by defective General Motors ignition switches will get compensation from the company.

Attorney Kenneth Feinberg, who was hired by GM to compensate victims, updated the total March 10. It was up from 57 the week before.

An additional 108 injured people also are eligible for compen-

The fund received a total of steering and turns off air bags.

4,343 claims by the Jan. 31 deadline. Of those, 1.571 are under review and 742 were deemed ineligible. Feinberg says the rest lacked documentation or were deficient.

GM knew about problem switches in Chevrolet Cobalts and other small cars for more than a decade but recalled them only last year. They can slip out of the "on" position, which cuts off the engine, knocks out power

## GM Led All Automakers in Recalls During Record Year

DETROIT (AP) - For the U.S. auto industry, 2014 was the year of the recall.

Automakers issued 803 recalls totaling almost 64 million vehicles, more than double the old record from a decade ago, according to government figures.

Safety Administration, which recently released numbers, said its investigations influenced 15 percent of the recalls. Automakers did the rest on their own.

The total number of recalled vehicles shattered the old record of 30.8 million in 2004. The previous record for number of recalls was 684, in 2008.

General Motors led automakers with 84 recalls totaling nearly 27 million vehicles in the U.S., according to company figures. Recalls of 2.6 million small cars with faulty ignition switches triggered a companywide safety review that led to still more recalls.

The switches, which can slip out of the run position and cause cars to stall unexpectedly, have caused crashes that killed at least 64 people.

GM acknowledged knowing about the defect for more than a decade before starting the re-

Faulty air bags caused the most recalls of any auto part last year: 21.8 million, or 34 percent of the total, according to Stericycle, a firm that helps companies handle recalls.

At least 12 million vehicles in the U.S. from 10 automakers have been recalled for defective air bag inflators made by Japanese parts supplier Takata Corp. The inflators can explode with The National Highway Traffic too much force, spewing shrapnel into the cabin. At least six people have died worldwide and 64 others have been injured due to the problem.

Electrical problems and engine and transmission issues were the second- and third-most common problems, Stericycle said.

Consumers should expect a higher-than-usual number of recalls this year as well, said John Holloran, Stericycle's vice president of global automotive strategy. Increasing government pressure and big fines have made automakers sensitive reporting recalls quickly.

Holloran said this will also be a year of repairs, as automakers scramble to get parts to replace the faulty Takata air bags and track down affected consumers.

Recalls vary widely in size and seriousness. Recalls don't always indicate a safety problem, either. In June, Ford recalled 368 Transit Connect vans shipped to Puerto Rico because their brake reservoir caps had European labels with pictures instead of words. U.S. regulations require words.







## GM Honors Its 'Best-of-the-Best' Suppliers

General Motors recognized 78 of its best global suppliers during its 23rd annual Supplier of Year awards ceremony March 5.

Winning suppliers from around the world received the award for going above and beyond GM's requirements, designed to provide customers with the "most innovative technologies and the industry's best quality vehicles" at a special awards dinner, said GM spokeswoman Freda Agboka.

These companies are the best-ofthe-best suppliers, and deserving of special recognition for their outstanding contributions," said Steve Kiefer, GM vice president, Global Purchasing and Supply Chain.

'We need them to continue to bring us their most innovative technologies, highest quality services and work, and we will continue to win together for the benefit of our customers.

In addition to the Supplier of the Year awards, GM honored four companies - Dell Inc., Johnson Controls Inc., Lear Corp., and The Maersk Group - with its Overdrive Award, recognition of extraordinary leadership in cultural change and commitment initiatives that drove exceptional business results for GM, Agboka said.

"These awards are the result of hard work on the part of our employees, who are committed to a strong partnership with General Motors and one that benefits from the Johnson Controls operating system," said Brian Grady, vice president and general manager of the General Motors business unit for Johnson Controls Automotive Seating.

"Johnson Controls" operating system leverages our businesses best practices to improve quality, productivity and speed.'

Mel Stephens, spokesman for Lear Automotive said that Lear and GM have been partners for a long

'This is a great honor, especially since it's such an important customer for Lear and because we've partnered with them in both business and community projects," Stephens said.

We're proud of our relationship with GM and winning this award really gives the people who work here something to rally around.

'We've been honored by GM in the past and to be recog- nized for

#### Malibu Drives **Toughest Roads** To Better Quality

CONTINUED FROM PAGE 1

peratures can be raised to 140 degrees or lowered to 40 degrees below zero.

The new Malibu also endures a battery of stationary and dynamic tests to simulate abuse well beyond the average lifetime of the car, including:

• A four-post vehicle test that balances each wheel on a hydraulic post that actuates the suspension at high frequency, accelerating the wear on bushings and dampers.

 Door, hood and decklid slams speed up wear on hinges and latches.

Road durability testing includes extremes such as twist ditches, driveway angles, mud and gravel, high-speed tests, chatter bumps, Belgian blocks and salt spray.

The 2016 Chevrolet Malibu will be available late in 2015.



GM CEO Mary Barra speaks to suppliers at awards ceremony.

our work is such an honor."

The Supplier of the Year and Overdrive award winners are cho-

sen by a global team of GM purchasing, engineering, quality, manufacturing and logistics executives.

## China's Auto Sales Up, But **Growth Level Has Suffered**

BELIING (AP) - China's auto models to appeal to local tastes. sales growth decelerated in February despite a near doubling in of Chinese-made purchases SUVs, an industry group reported March 10.

Sales in the world's biggest auto market rose 6.4 percent to 1.4 million vehicles, according to the China Association of Automobile Manufacturers (CAAM). That was down from January's 10.3 percent increase.

Demand for autos has weakas China's economic growth cooled to a two-decade low last year of 7.4 percent. February sales also were depressed by the Lunar New Year holiday, when many businesses close for up to two weeks.

For the combined two-month period of January and February, passenger vehicle sales rose 8.7 percent from a year earlier to 3.4 million units. Total vehicle sales, including trucks and buses, rose 4.3 percent, which CAAM said represented a decline of 6.5 percentage points from the growth rate the same time last year.

Global automakers see China as a future revenue driver and are investing heavily to create That is squeezing domestic brands such as Geely and Chery.

Sales of Chinese-brand SUVs jumped 94.7 percent in February to 187,000 vehicles. That helped to offset a 3.3 percent decline in domestic sedan sales to 174,000 vehicles. 2014 sales of Chinese sedans droppped 17.4 percent.

CAAM said Chinese automakers gained market share in February, reversing a steady decline, but gave no details. Last year, their market share fell by 2.1 percentage points to 41.2 percent.

Last year's total passenger vehicle sales rose 9.9 percent to 19.7 million vehicles, down 5.8 percentage points from 2013's growth, according to CAAM.

China is the biggest market by number of units sold but smaller than the U.S. in financial terms because Chinese drivers buy less expensive vehicles.

GM said sales of its brand vehicles by the company and its Chinese partners rose 1.3 percent over a year earlier to 261,072 vehicles. Foreign automakers that want to manufacture vehicles in China are required to work through local partners.



8am-10pm • 7 Days a week • 365 Days a Year

"Bringing Quality Urgent Care To Your Neighborhood"

"We Care"

#### **URGENT CARE FOR ACCIDENTS AND INJURY ADULT & PEDIATRIC ILLNESS**

Digital X-Rays, EKG and Lab Work, On-Site Lab Service, Strep, Mono, Pregnancy & Urine Testing, Vaccinations, Sports & School Physicals,
Occupational Medicine, Work-Related Injuries,
Pre-Hire Physicals (BAT & Urine Screening)

SPECIAL ON SPORTS PHYSICAL \$25.00 State-of-the-Art Facility

586-276-8200 31700 Van Dyke • Warren, MI 48093

On Van Dyke Rd., between 13 & 14 Mile in

St. John's Windemere Park

OTHER CONVENIENT LOCATIONS: **Woodland Urgent Care** N. East Macomb Urgent Care

313-387-8700

43900 Garfield, Suite 121 Clinton Township 586-868-2600





## Learn How To Get The Most From Your Retirement Savings



Two Ways to Receive Your Free Kit

By Phone

**Download Now** 

Call (810) 593-1624

KaydanWealthPresents.com

## 1934 Deusenberg, 1948 Tucker Featured In 91-Car Chesterfield Garage Collection

Mich. (AP) - Behind the brick walls of a nondescript building in Chesterfield Township, a treasure trove of automotive history awaits.

Shiny cars in candy-colored shades of reds, blues, greens and yellows sit side by side, row after row inside this oversized garage.

Some date back more than 100 years, according to the *Detroit* Free Press.

week, the public gets a glimpse inside the 45,000-square-foot building that's home to 91 cars, including a sought-after Tucker Torpedo, one of only 51 ever made

Ted Stahl, the executive chairman of an international group of companies based in St. Clair Shores, has amassed so many vehicles - with brands including Auburn, Cadillac, Chevrolet, Chrysler, Cord, Duesenberg, Chrysler, Cord, Ford, Oldsmobile, Pontiac and Packard - that his garage doubles as a museum.

Inside, there are bulging wheel wells, thin vertical grilles, wood panels, whitewall tires, built-in flower vases and even vehicles that have been featured in movies.

Each car has a story," Stahl said. "It's fun telling those."

Some of the cars greet visitors with their hoods popped. Others have their tops down.

Most have no barrier preventing people from getting close.

The cars, each ranging in value from five figures to seven figures, are surrounded by vintage gas pumps, porcelain steel and neon signs, some with the names of automakers.

Car lovers, history buffs or

TOWNSHIP, those just curious can see the guides and our staff." collection firsthand 1 to 4 p.m. Tuesday afternoons and 11 a.m. to 4 p.m. the first Saturday of the month.

> There is no charge to enter Stahls Automotive Foundation.

> Volunteers are eager to answer questions and explain innovations on the vehicles while learning from the visitors in the

'This is a hidden gem," said For a just few hours each Fred Regan, who is among a dozen volunteer guides at the museum.

Hidden because it's at 56516 North Bay Drive, just east of 26 Mile Road and south of Gratiot.

Memories came back to Rav Gleason as he looked at the vehicles earlier this year.

During his visit, the 67-year-old from Emmett peered under the hood of a red 1964 Chevrolet Corvair Monza Spyder convert-

He said the car was like the one his son bought in 1987, but a year older. They took the engine out of his son's car together, carried it to the basement, rebuilt it then reinstalled it, Gleason recalled.

"It's hard to believe you can have this many cars worth this much money in one spot," Gleason said.

Motorcycles, trucks, a boat, a fire truck, an ice wagon and a stagecoach are also part of the collection that includes a Big Boy exhibit in the corner.

It's a lesson in history walking through the building, with vehicles arranged chronologically starting with an 1899 De Dion-Bouton Tricycle.

Each car has a uniqueness to it," Stahl said. "I do have a passion for cars, and so do all of our

He got his first collector car about 25 years ago - a 1930 Ford Model A Roadster Deluxe - then gradually began investing in other unique cars, learning more and more about different types along the way.

Most of them run - with a few exceptions.

"The museum itself has taken on, amazingly, a life of its own," said Stahl of Grosse Pointe

John Lauter works there full-

"This (museum) is a hidden gem."

> - Fred Regan, Volunteer Guide

time and said it sometimes has what he calls "Christmas mornings." On those days, a new addition, sometimes more than one."

One of the stars of the collection is the rare 1948 Tucker, which is "powered by a rearmounted, converted helicopter engine" and has a center-mounted headlamp.

Another is the 1934 Duesenberg Model J. Information posted on it said the car cost \$10,000 to \$20,000 during a time when a new Ford was less than \$600 and the average American home was

"It was for a pretty exclusive clientele," Lauter said, adding movie stars owned them.

Other cars at the museum have been stars in movies.

## **Ford EcoBoost Engines** Now Being Built in U.S.

CONTINUED FROM PAGE 1

previously based in Valencia, Spain, Adamski said.

The investment in Cleveland shifted North American production to Ohio, leaving Ford's Valencia Engine Plant as the exclusive production location of 2.0liter EcoBoost engine for Ford of Europe-built vehicles. Valencia will continue to machine and ship components for both engines to North America.

Cleveland Engine Plant also builds the 3.5-liter EcoBoost engine and 3.7-liter V6 rear-wheeldrive application.

The Ohio facility employs more than 1,300 people and has produced more than 1 million EcoBoost engines since 2009 that have been used to support Ford operations in North America, Mexico, Europe and Asia Pa-

As the cornerstone of Ford's global engine strategy to reduce fuel consumption and emissions. EcoBoost, introduced in 2009, can deliver significantly better fuel economy than larger-displacement engines, Adamski

EcoBoost uses a smaller overall engine size combined with turbocharging, gasoline direct injection and variable valve timing for the power customers want and the fuel economy they need.

EcoBoost is now available on 100 percent of the 2015 light-duty Ford lineup in North America, and Ford produced more than 1.6 million EcoBoost engines globally in 2014, up more than 30 percent from 2013.

The first EcoBoost engine was the 1.0-liter version, which was developed at Ford development centers in Dunton, England, and Aachen and Merkevich, Germany.

The 1.0-liter engine debuted in 2010 and was first made in Cologne, Germany and Craivo, Romania.

More than 190,000 EcoBoost engines now are produced every month, up 90 percent from 2013, Adamski said. In 2014, annual global EcoBoost engine capacity reached approximately 2.3 million units.

Utility vehicles are the fastestgrowing segment globally - up 135 percent since 2009. Utilities account for roughly 20 percent of overall market globally. By 2020, utility vehicle sales are expected to reach 23 percent of the global

"With the new 2.0- and 2.3-liter EcoBoost engines featured in the all-new Edge and Explorer, Ford is well-positioned to benefit from the rapidly growing utility vehicle segment," said Mark LaNeve, Ford vice president of U.S. Marketing, Sales and Service.

"Utility sales are growing at three times the rate of the global vehicle industry."

Ford has been the No. 1 brand of utility vehicles in the U.S. for four straight years, LaNeve said. In 2014, the company sold more than 1.4 million utility vehicles around the world, up 11 percent compared with the previous vear.

Edge is a technology showcase, featuring adaptive steering, enhanced active park assist, side parking sensors and a front 180degree camera, Adamski said. It is offered with the 2.0-liter or a 2.7-liter EcoBoost engine.

The new Explorer is a significant update to the SUV "that defined the segment when it launched in 1990," LaNeve said.

Along with a new look and the new engine 2.3-liter I-4 EcoBoost, Explorer new features include: front and rear 180-degree wide angle cameras with washers; enhanced active park assist with perpendicular park, parking side sensors; smart-charging frontand-rear USB ports; and a handsfree, kick-activated liftgate.

#### Autonomy in Cars Proposed to Help Self-Flying Aircraft

CONTINUED FROM PAGE 1

create the Enstrom helicopter company.

That spirit of cooperation that made Enstrom possible 60 years ago can help Michigan's aerospace industry today, Biegler

One Detroit-based company that's on the cutting edge of this new aerospace technology is Detroit Aircraft Corporation. The company is headquartered at Detroit City Airport and designs and makes small, unmanned aerial systems for military, civil and commercial interests.

"Take agriculture," said company founder and CEO Jon Rimanelli. "Unmanned craft can be of great benefit to farmers. They can fly over crops and show farmers what areas need watering or if crops are ready to be harvested.

"And this work can be done a lot faster than before when a farmer would have to walk around and see what was what."

It's now possible to see thousands of acres of farmland from the sky using unmanned craft, Rimanelli said.

As for civil and commercial uses, road systems need inspecting and nobody wants to climb structures like the Mackinac Bridge when a UAV can be sent to inspect the structure, Rimanelli said.







2016 Chevrolet Spark

## Spark Sales Reach 1.1 Million

on April 2 at the Seoul and New York auto shows.

A sleeker, more aerodynamic profile and a progressive take on Chevrolet's signature design cues, said GM International Design Vice President Michael Simcoe, will give the redesigned Spark a more sophisticated aesthetic that reflects the changing tastes of the global minicar mar-

"The new Spark's design has evolved and grown up with the segment," said Simcoe. "The youthful whimsy of the original Spark is still in its genes, but it is conveyed in more traditional proportions that reinforce the customer's refined expectations.

Chevrolet has sold more than 1.1 million Sparks around the world since it went on sale as the Beat in India in late 2009.

Today, the Spark is available in 71 markets worldwide, selling the most in South Korea, followed by the United States and Mexico, said GM spokeswoman Afaf Farah.

Spark is attracting younger and first-time car buyers to Chevrolet with 26 percent being under the age of 35, Farah said. Sales of the Spark in the U.S. are

The new 2016 Spark will debut up 32 percent in the first two months of 2015 versus the same period in 2014.

The vehicle is based on GM's Global Small Vehicles or Gamma platform, which got its start in 2000 with the Opel Corsa C. It was developed as a common platform with Fiat.

Since then, GM's Korean operations have taken the lead in the development of the Global Small Vehicle (GSV) platform. It has been used in such GM cars around the world as the Chevrolet Sail, sold in China; the Opel Mokka, sold in Europe; and the Buick Encore, sold in North America.

#### **Grand Prix Needs** Some Volunteers

Volunteers are needed to run the 2015 Chevrolet Detroit Belle Isle Grand Prix

The event takes place May 29-31 at the Belle Isle Raceway track. Race chairman Bud Denker said the goal is to have about 1,100 volunteers come down and help run the race. Volunteers will be expected to put in about 25 hours during the week of the race. Visit www.DetroitGP.com to sign up.



### 2015 **EQUINOX** "LT"

- 2 Yr/24,000 Scheduled Maintenance INCLUDED!
- 2.4L DOHC Engine! 7" Color Touch Screen MyLink Radio! • Remote Vehicle Entry! • Rear Vision Camera!
  - OnStar w/4G LTE w/built-in Wi-Fi hotspot! • Tilt and Telescopic Steering Column! • 17" Aluminum Wheels!

· 32 MPG on the Highway! Stock#F22072 Was \$27,180

NO SECURITY DEPOSIT REQUIRED. TAX, TITLE AND PLATE FEES EXTRA!

24 Month St PERIOD!

Sale **\$21,056** 

Lease:

## 2015 CRUZE "LT"

• ECOTEC 1.4L "Turbo" DOHC WT Engine! • Automatic Transmission! • OnStar w/4G LTE w/built-in Wi-Fi hotspot! • AM/FM/XM Radio w/CD!

• 16" Aluminum Wheels! • Remote Keyless Entry! • Tilt and Telescopic Steering Column!

• 38 MPG on the Highway! Stock#F20943 Was \$20,920 NO SECURITY

DEPOSIT RECUIRED TAX, TITLE AND PLATE FEES EXTRA! Sale \$17,790° +0% APR Up to 72 Months!

36 Month \$ PERIOD! Lease:

Use Your GM Card Earnings and Top-Off Bonus Earnings to Save Even More!\*

#### 2015 MALIBU "LT"

- 2 Yr/24,000 Scheduled Maintenance INCLUDED!
- 2.5L DOHC VVT Engine! 7" Color Touch Screen MvLink Radio! OnStar w/4G LTE w/built-in Wi-Fi hotspot!
   Rear Vision Camera! Previous Dealer Courtesy Car – 2200 Miles!
  - Remote Vehicle Start/Entry! Aluminum Wheels! 36 MPG on the Highway! tock#F22289 Was \$24,560

NO SECURITY

DEPOSIT REQUIRED Sale \$20,879\* +0% APR Up to TAX, TITLE AND PLATE FEES EXTRAINED.

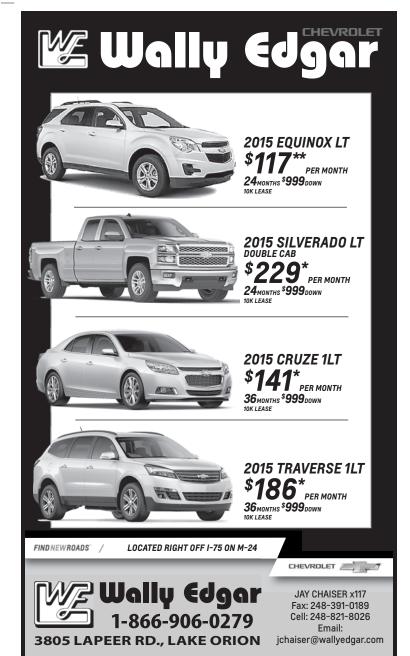
36 Month \$185 Lease:

- 2 Yr/24,000 Scheduled Maintenance INCLUDED!
  - 3.6L SIDI V6 Engine! 6.5" Color Touch Screen Radio! • Bluetooth for Phone! • Power Driver's Seat! • 8 Passenger Seating!
  - · Remote Keyless Entry • 24 MPG on the Highway!

Stock# F20725 Was \$32.420

Sale \$26,604\*+0% APR Up to Price \$26,604\*+0% APR Up to Plate FEES EXTRA! 36 Month \$ Lease:





Located right off I-75 on M-24, 2 minutes N. of the Palace of Auburn Hills

**SALES HOURS:** 

MONDAY - THURSDAY 8 AM - 8 PM • FRIDAY 8 AM - 6 PM

SATURDAY 9 AM - 3 PM • SUNDAY CLOSED

All lease payment examples at GM Employee Discount Price plus, tax with zero security deposit. Traverse and

Equinox first month paymnt and doc fees due at signing with all rebates including Competitive Lease Conquest Private Offer assigned to dealer. Silverado and Cruze first month payment and doc fees due at signing with all rebates including GM Lease loyalty private offer assigned to dealer. Lessee responsible for excess wear and tear as

well as exceeded contracted mileage. Due to advertising deadlines, prices subject to change. See dealer for details.



Free shuttle service to home, office or shopping.

WHERE THE DEALS MAKE THE DIFFERENCE, EVERY DAY SINCE 1970!

Van Dyke • South of 18 Mile • Sterling Heights

Jeff Caul

586-274-0396

PEP QUOTES BY PHONE OR EMAIL: JEFF CAUL AT JCAUL@BUFFWHELAN.COM

CONVENIENT HOURS.

Mon. & Thurs.

8:30 am - 9 pm

Tues., Wed., Fri.

8:30 am - 6:30 pm

We guarantee the lowest price or it's free! ③ We guarantee the lowest price or it's free



OPEN MON & THURS, UNTIL 8PM & SATURDAY 10AM - 4PM

Showroom Hours: Mon. & Thurs. 8:30 a.m.-8 p.m. • Tue., Wed., & Fri. 8:30 a.m.-6 p.m. • Sat. 10 a.m.-4 p.m.

8333 EAST 11 MILE ROAD • I-696 & VAN DYKE • 888-548-8939

#### 2015 ATS 2.0L TURBO AWD SEDAN - STANDARD COLLECTION



**2015 SRX FWD** STANDARD COLLECTION



36 MONTH/10K PER YEAR

#### **2015 ATS 2.0L TURBO AWD COUPE – STANDARD COLLECTION**

36 MONTH/10K PER YEAR



2015 CTS 2.0L TURBO STANDARD COLLECTION



**63 AVAILABLE** 

EMPLOYEE \$ PRICE

36 MONTH/10K PER YEAR

36 MONTH/10K PER YEAR

#### **2015 XTS FWD** STANDARD COLLECTION



36 MONTH/10K PER YEAR

2015 ESCALADE AWD LUXURY COLLECTION



11 AVAILABLE

36 MONTH/10K PER YEAR

#### Visit our website: www.PrestigeCadillac.com for all our specials

\* Tax, title, license and dealer fees extra. No security deposit required. 30,000 miles with approved lease. Mileage charge of \$.25 per mile over 30,000 miles. Lessee pays for excess wear and tear charges. All applicable rebates to dealer. Photo may not represent actual vehicle. ATS, CTS, XTS & SRX must show proof of current lease of a 2004 or newer GM vehicle and lease eliquible new 2014 Cadillac. MRSP's: ATS \$38,240. ATS Coupe \$41,440. CTS \$48,340. XTS \$45,595. Escalade \$82,245, SRX \$38,600. Due at signing ATS \$3,059, ATS Coupe \$3,819, CTS \$4,109, XTS \$3,179, Escalade \$3,974, SRX \$1,729. See dealer for details. Take



#### **Exclusive Service Offers and Coupons:** OPEN SATURDAY 9:00AM-2:00PM

Service Hours: Mon-Fri 7:30am-6:00pm

# **FREE** INSPECTION

Certified Service

dexos **OIL CHANGE** \$24.95°

FREE 27 multi-point inspection
Most GM cars & light trucks. Includes 5 Qts of Dexos 1 oil & AC Delco oil filter. \*Plus Tax. Expires 3-31-15

Certified Service



Certified Service

- Convenient Customer Shuttle
- Early Bird Check-in
- Loaners available
- Convenient Business Hours
- Same Day Service
- Factory Trained Service Advisors
- ASE Certified Technicians
- Online Express Checkout
- Mobile App Service
- Complimentary Loaner Car
- GM Quality Parts

Certified Service

## GM Plans to Buy Back \$5B In Stock by the End of 2016

CONTINUED FROM PAGE 1

gin immediately and finish before the end of 2016. Investors liked the announcement.

Talks with Wilson's group had been going on for about two weeks, GM CEO Mary Barra said. She said other major shareholders agreed with the buyback.

Barra indicated that the buyback might have come without Wilson's prodding. "We were on a path to do this anyway," she said March 9.

GM recently announced plans to boost its quarterly dividend by 20 percent to 36 cents. On March 10, Chief Financial Officer Chuck Stevens said further returns to shareholders were under consideration for the second half of the year.

Combined, the dividend increase and the buyback will cost GM \$10 billion by the end of 2016.

Stevens said a \$20 billion cash reserve is enough for GM to withstand any potential economic downturn, as well as the costs of an ignition switch recall.

The Justice Department is investigating the company for failing to disclose a deadly problem with ignition switches in its small cars to government safety regulators. That penalty could be as much or more than the \$1.2 billion that Toyota paid in a similar case.

The switches are responsible for at least 64 deaths, and GM has committed to making payments to those injured and families of those who were killed. The company has set aside \$400 million for the payments but says they could go as high as \$600 mil-

And, like other Detroit automakers, GM also faces the finan-

cial uncertainty of contract talks with the United Auto Workers union later this year.

GM also pledged March 10 to return capital to shareholders each year and said it will announce those allocations each January.

It reiterated plans to invest more than \$9 billion in the company this year to roll out more new vehicles in the coming years.

The company promised a 20 percent rate of return on its capital investment, a number it will report to shareholders each quarter.

Stevens said he did not expect credit rating agencies to change their outlook on GM.

Wilson, 43, filed notice of his board candidacy on Feb. 9 in a letter to Barra. The funds he represents include Taconic Parties, Appaloosa Parties, HG Vora Par-

ties and Hayman Parties. Under a deal with the funds, Wilson would get up to 4 percent of any profits they make on GM stock.

Wilson had criticized GM for being an underperforming company with substantial cash that needs help reaching its potential. But on March 10, he said Barra and GM management are serious about being good stewards of capital.

He said GM management is moving toward building more models of fewer vehicle architectures, a key to becoming more profitable. The hedge funds will stay on as long-term GM investors, he said.

"It's rare in these situations that companies listen as well and are as responsive. They did it in a very complete package," Wil-





CALL FOR DETAILS

**BRUCE LITVIN** 

CELL # 1-586-405-5175 blitvin@lunghamer.com

1-888-665-5438





475 SUMMIT DRIVE • 248-292-2502 • 5825 HIGHLAND RD. (M59) • WATERFORD

## Colorado Offers a No-Bed Option for Buyers

Part of being in the auto business is helping other companies do their business, which is what GM is doing with the 2015 Chevrolet Colorado.

With a box delete option, business owners and fleet managers can customize the back end of the 2015 Chevrolet Colorado in a way that best helps their busi-

Chevrolet will make availabile such an option package in mid-April. It was on display March 2-6 at the annual National Truck Equipment Association Truck Show in Indianapolis.

It is the only such option offered in the midsize truck segment, said GM spokesman Robert Wheeler.

He described a box delete as a pickup truck that doesn't have a

"There are people in particular businesses where being able to put in the kind of bed they want really matters," Wheeler said.
"For example, landscapers. They want to be able to get their equipment, which includes heavy lawnmowers, in and out easily. They like to put in aluminum stable beds.'

With the segment-leading efficiency and maneuverable size, the Colorado makes a great, flexible choice for urban businesses and fleets to make the most of a midsize truck," said Ed Peper, U.S. vice president, GM Fleet & Commercial.

"It's ideal for utility companies requiring service bodies, as well as landscapers and other busi-

#### Ford Rouge Tour **Undergoes \$4.7M** History Upgrade

DEARBORN, Mich. (AP) - The Ford Rouge Factory Tour that gives visitors a close-up look at the making of the automaker's F-150 pickup has received a \$4.7 million upgrade.

The tour runs from The Henry Ford, a Dearborn history attraction that includes Henry Ford Museum and Greenfield Village. As part of the recent overhaul, BRC Imagination Arts helped create the Manufacturing Innovation Theater to showcase Ford Motor Co.'s manufacturing process.

Christian Lachel, executive creative director and vice president of California-based BRC Imagination Arts, said the exhibit tells an "inspiring story about human ingenuity, technological innovation and the future of 21st century manufacturing and transportation.'

It highlights the aluminumbodied F-150, which cuts down on the truck's weight and is part of broader efforts by automakers to meet tougher fuel efficiency standards. The original Rouge plant tour opened 10 years ago with support from the automak-

A new video about the F-150 is shown, which precedes the tour along catwalks above the assembly line floor. The theater is surrounded by big-screen panels that show details of the truck's creation.

Updates were planned after Ford introduced the aluminumbodied F-150 in January 2014 at the North American International Auto Show. The display area was closed for renovations starting in August and work happened quickly.

"A project like this usually takes up to two years for a museum to do," said Cynthia Jones, general manager of the Ford Rouge Factory Tour.

Jones helped design the original tour and funneled 10 years of guest feedback into the new experience. There also are new displays, signs and other updates.

nesses needing the utility of a flatbed.'

The box delete package is available on Colorado Work Truck 2WD extended cab models and is offered exclusively with the 305-hp 3.6L V6 engine and six-speed automatic transmis-

A \$300 credit is applied to the Colorado's suggested retail price when the option is selected.

Additional vehicle and package highlights include:

- 2,200-pound payload rating; • 6,001-pound gross vehicle weight rating (GVWR);
- Temporary taillamps in-
- stalled on the rear of the frame;
- Rear bumper deleted; • Full-size spare tire included;
- Eight body mount provisions (four per frame rail):
- Standard fuel filler position. Optional BJA-code service body

fuel filler will be available and shipped loose in the cab for upfitter installation;

- Z82 trailering package;
- G80 locking differential.

Additionally, an option to delete the rear seat for great cargo capacity and versatility is available with the Colorado Work Truck extended cab, regardless of whether the box stays or goes.

"The Colorado was developed with the upfitter industry in mind," said Mike Jones, product manager, mid-pickups with CNG and LPG.

"Input from body manufacturers and fleet owners helped us make the most of the optional fuel filler mounting location to suit their unique needs.

Like the full-size Chevrolet Silverado, the Colorado has a fully boxed perimeter frame, which provides the strength to support



2015 Chevrolet Colorado's custom upfit

its capabilities and was engineered, to provide a confident, smooth and quiet ride.

A coil-over-type front suspension features aluminum knuckles that are low in mass and high in strength, contributing to a more responsive feel and efficiency. Colorado also features the segment's first application of energysaving electric power steering.

The Colorado has a short turning circle of 41.3 feet, enabling

easier maneuvering in tight areas such as on city streets.

Four-wheel disc brakes, with four-piston front calipers, are standard and feature Duralife brake rotors - pioneered on the Silverado - that can offer up to double the service life and save money on maintenance.

In the city, the V6-powered Colorado 2WD (with box) is rated at 18 mpg, and on the highway, 26



#### "WE'LL GIVE YOU A \$3,500 MINIMUM FOR YOUR 2003 OR NEWER TRADE-IN"















## **LEASE PULL AHEAD – CONTACT DEALER FOR DETAILS**



**PURCHASE A LS** 

**\$20,267** 

















#### **0% UP TO 72 MONTHS ON CRUZE AND MALIBU**





Fluid Level, Brake & Alignment Check Included. sday & Friday 6:30am-6:00pm • Shuttle at 6:30am - Pick-up Both Ways • All Day starting at 6:3

Out the door pricing. Open Mondays & Thursdays until 8:30pm

Excludes synthetic, Diesel & Med. Duty Trucks. Most GM cars & trucks. One coupon per customer. Must present coupon with order. Plus tax. Expires 3-31-15.





See us for your GM employee purchases 1-877-451-7707 26125 Van Dyke at 101/2 Mile Rd.



Visit our website: edrinke.com





26125 Van Dyke at 101/2 Mile Rd.

Visit our website: edrinke.com SHOWROOM HOURS: Mon. & Thurs. 8:30am-9:00pm; Tues., Wed., & Fri. 8:30am-6:00pm

Now looking for experienced salespeople to join our team!





# BRACKET BUSTER

// Jeep 👽 The event you'll want to win...and we hope to lose!



Dart SXT

R/T

HEMI 5.7L V8 ENGINE, 20" CHROME WHEELS, HEATED FRONT AND REAR LEATHER SEATS, BEATS PREMIUM AUDIO WITH 10

SPEAKERS, SUBWOOFER AND 552 WATT AMPLIFIER, REMOTE START AND MUCH MORE.

24 MO. LEASE

\$197\*

24 MO. LEASE

\$212\*

EMPL

EVE

**EMPLOYEE** 24 mo. LEASE PRICE \$16,153 EVERYONE 24 mo. LEASE PRICE \$16,153

**EMPLOYEE** 27 mo. LEASE PRICE 0 | | | 1 | 1 | 1 | 1 **EVERYONE** 27 mo. LEASE

2015 Chrysler **200 S** Remote Start, Heated Seats, Rear Camera, Dual Zone Automatic Climate Control and Much More

#### HEATED SEATS, REMOTE START, 8.4" UCONNECT RADIO, REAR CAMERA, RALLYE PKG, 6 SPEED AUTOMATIC TRANSMISSION, SATELLITE RADIO AND MUCH MORE. 2015 JEEP Patriot Latitude AUTOMATIC TRANSMISSION, HIGH ALTITUDE PACKAGE, HEATED LEATHER SEATS, UCONNECT RADIO, VOICE COMMAND WITH BLUETOOTH, REMOTE START AND MUCH MORE. AUIIII G

EMP \$127\* \$16,307\* ONE

MO. LEASE \$127\* | \$17,285\*

#### 2015 Chrysler 300 Limited

HEATED LEATHER SEATS. BLUETOOTH, UCONNECT RADIO, SATELLITE RADIO WITH 1 YEAR SUBSCRIPTION AND MUCH MORE.

EMP **4** = 1 24 MO. LEASE PRICE 182\* \$24,019\* EVE 24 MO. LEASE PRICE \$192\*

\$166\* \$19,874\* EVER ONE

2014 Dodge Charger

MO. LEASE \$166\* \$20,995\*

/EE

PRICE

\$24,409\*

PRICE

\$25,749\*

YONE

#### 2015 DODGE Journey Crossroad

THIRD ROW SEAT, 3 ZONE AUTO TEMP CONTROL,
HEATED SEATS, HEATED
STEERING WHEEL, REMOTE
START, 3.6L V6 ENGINE AND
MUCH MORE. St&# FT577878



#### 2015 Jeep Cherokee **Town & Country**

HEATED LEATHER SEATS HEATED STEERING WHEEL, REMOTE START, 8.4" UCONNECT RADIO, REAR CAMERA AND MUCH MORE.

Limited

24 MO. LEASE \$1 66% PRICE EVE 24 MO. LEASE

EMP VEE 21,092 PRICE



5.7L HEMI V8, 4 WHEEL DRIVE, 20 INCH ALLUMINUM WHEELS, SATELLITE RADIO WITH 1 YEAR SUBSCRIPTION 8 SPEED AUTOMATIC TRANSMISSION AND MUCH MORE.

EMF 24 MO. LEASE \$72\$ /<sub>9</sub>635% EVE ONE

9,153\* **\$63**% 2015 Chrysler

HEATED LEATHER SEATS, REMOTE START, REAR DVD PLAYER, POWER SLIDING DOORS AND MUCH MORE.



EMF CEE 24 MO. LEASE PRICE 3,459\* \$177\* EVE 24 MO. LEASE PRICE 4,717\*



,279\*

On Mack Ave. Between Cadieux & Moross

GROSSE POINTE, MI **OPEN SATURDAYS 10-3** 888-376-4495

AWARD SEASON EVENT HTYOM

www.raylaethem.com





SAVE UP TO \$11,735 ON ENCLAVE • SAVE UP TO \$10,684 ON LACROSSE • SAVE UP TO \$7,805 ON REGAL • SAVE UP TO \$6,159 ON VERNANO

4G LTE WI-FI HOTSPOT, REAR CAMERA, POWER SEAT, INTELLILINK RADIO, BLUETOOTH, 10 AIR BAGS, ONSTAR WITH TURN BY TURN NAVIGATION, SATELLITE RADIO AND MUCH MORE. Stk# FB086873

**EMPLOYEE** 24 MO. LEASE

PRICE \$21,072**\*** 

**EVERYONE** 24 MO. LEASE \$188\*

PRICE \$21,897



888-633-7594 NO EMPLOYEE DISCOUNT,

**NO PROBLEM** HUGE FACTORY OBJECTIVES TO MEET BEST PROGRAMS OF THE YEAR



**EMPLOYEE** EVERYONE 24 MO. \$144\* 24 MO. \$208\* PRICE \$23,363\* PRICE \$24,373\*

2015 Buick Lacrosse AG LTE WILELHOTSPOT BEAR CAMERA INTELLILINK ADIO, BLUETOOTH, USB PORT, ONSTAR WITH JRN BY TURN NAVIGATION, SATELLITE 

**EMPLOYEE** EVERYONE 39 MO. \$289\* 24 MO. \$314\* PRICE \$29,342\* PRICE \$29,396\*

#### 2015 GMC ACADIA 8 PASSENGER SEATING.

REAR CAMERA, REAR PARK ASSIST, BLUETOOTH, COLOR TOUCH-SCREEN RADIO, ONSTAR WITH TURN BY TURN NAVIGATION, SATELLITE RADIO AND MUCH MORE

**EMPLOYEE** EVERYONE 24MO. \$214\* 24MO. \$269 PRICE \$29,126\* PRICE \$29,917

## 2015 Buick Verano 4G LTE WI-FI HOTSPOT, REAR CAMERA, REMOTE START, INTELLILINK RADIO, BLUETOOTH, SATELLITE RADIO, DUAL-ZONE AUTOMATIC CUIMATE CONTROL, 10 AIR BAGS, ONSTAR WITH TURN BY TURN NAVIGATION AND MUCH MORE.

EVERYONE BELOW EMPLOYEE PRICE 24 MO. \$115\* 24 MO. \$170 PRICE \$17,941\* PRICE \$19,231\*

2015 Buick Regal 4G LTE WI-FI HOTSPOT, HEATED LEATHER SEATS, 259 HP TURBO ENGINE, REAR CAMERA, INTELLILINK RADIO, BLUETOOTH, SATELLITE RADIO, ONSTAR WITH TURN BY TURN NAVIGATION, 18" ALLOY WHEELS, POWER SEAT AND

BELOW EMPLOYEE PRICE EVERYONE 24 MO. \$148\* 24 MO. \$217 PRICE \$23,732\* PRICE \$25,461\*

AUTOMATIC CLIMATE CONTROL,
UNIVERSAL HOME REMOTE, SATELLITE
UNIVERSAL HOME REMOTE, SATELLITE AND MUCH MORE. Stk# FF117852

#### 2015 GMC Yukon SLE 4WD

4 WHEEL DRIVE, 4G LTE WH-FI HOTSPOT, 20" POLISHED WHEELS,
POWER REAR LEFTGATE, POWER ADJUSTABLE FEDALS.
AUTO-DIMMING REARNEW MIRROR, UNIVERSAL HOME FRANCE, FRONT & REAR PARK ASSIST,
REAR COMERA, ANN SEISING WEEKS, REMOTE
START, BOSS PREMIUM SOUND SYSTEM,
MINEL LAM ADOLOGED MATE THAT OF AN Stk# FR571512 **EMPLOYEE** EVERYONE

39MO. \$490\* 39MO. \$528\*

PRICE \$46,759\* PRICE \$48,212\*

### 2015 GMC Sierra SLE Double Cab

4G LTE WI-FI HOTSPOT, TRAILERING PKG, LOCKING REAR DIFFERENTIAL, INTELLILINK RADIO, BLUETOOTH, DUAL-ZONE AUTOMATIC CLUMATE CONTROL, REAR PARK ASSIST, POWER SLIDING REAR WINDOW, ONSTAR WITH TURN BY TURN NAWGATION, POWER ADJUSTABLE PEDALS, REMOTE STAFTER, REAR DEFROSTER AND MINISTEMPORE. **EMPLOYEE EVERYONE** 

39 MO. \$227\* 39 MO. \$243\* PRICE \$31,360\* PRICE \$31,897\*

#### 2015 Buick Enclave

7 PASSENGER SEATING, REMOTE START, REAR CAMERA, REAR PARK ASSIST, POWER LIFTGATE, TRI-ZONE AUTOMATIC CLIMATE CONTROL, AUTOMATIC CLIMATE CONTROL INTELLILINK RADIO, SATELLITE POWER RADIO, BLUETOOTH, POWER SEATS, HEATED MIRRORS AND MUCH MORE.

**EMPLOYEE EVERYONE** 36 MO. \$282\* 36 MO. \$282\* PRICE \$33,757\* PRICE \$33,757\*

WWW.RAYLAETHEM.COM **OPEN SATURDAYS** 888-720-3321 See Our Entire New and **Used Inventory.** 

U FOR YOUR CONVENIENCE • SALES 10-3 • SERVICE 8-1





GROSSE POINTE